Drawing List1

Sheet Number	Sheet Name	Current Revision	Sheet Issue Date
SB-000	TITLE SHEET		06/27/2024
SB-001	GENERAL NOTES		06/27/2024
SB-002	GENERAL NOTES		06/27/2024
SB-003	COLUMN REACTION TABLE		06/27/2024
SB-004	COLUMN REACTION TABLE		06/27/2024
SB-010	TYPICAL DETAILS		06/27/2024
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SB-110	HIGH ROOF FRAMING PLAN		06/27/2024
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SB-112	FRAMING PLAN ABOVE HANGAR DOOR		06/27/2024
SB-200	ELEVATIONS @ GRIDS G & F.6		06/27/2024
SB-201	ELEVATIONS @ GRIDS A & 12		06/27/2024
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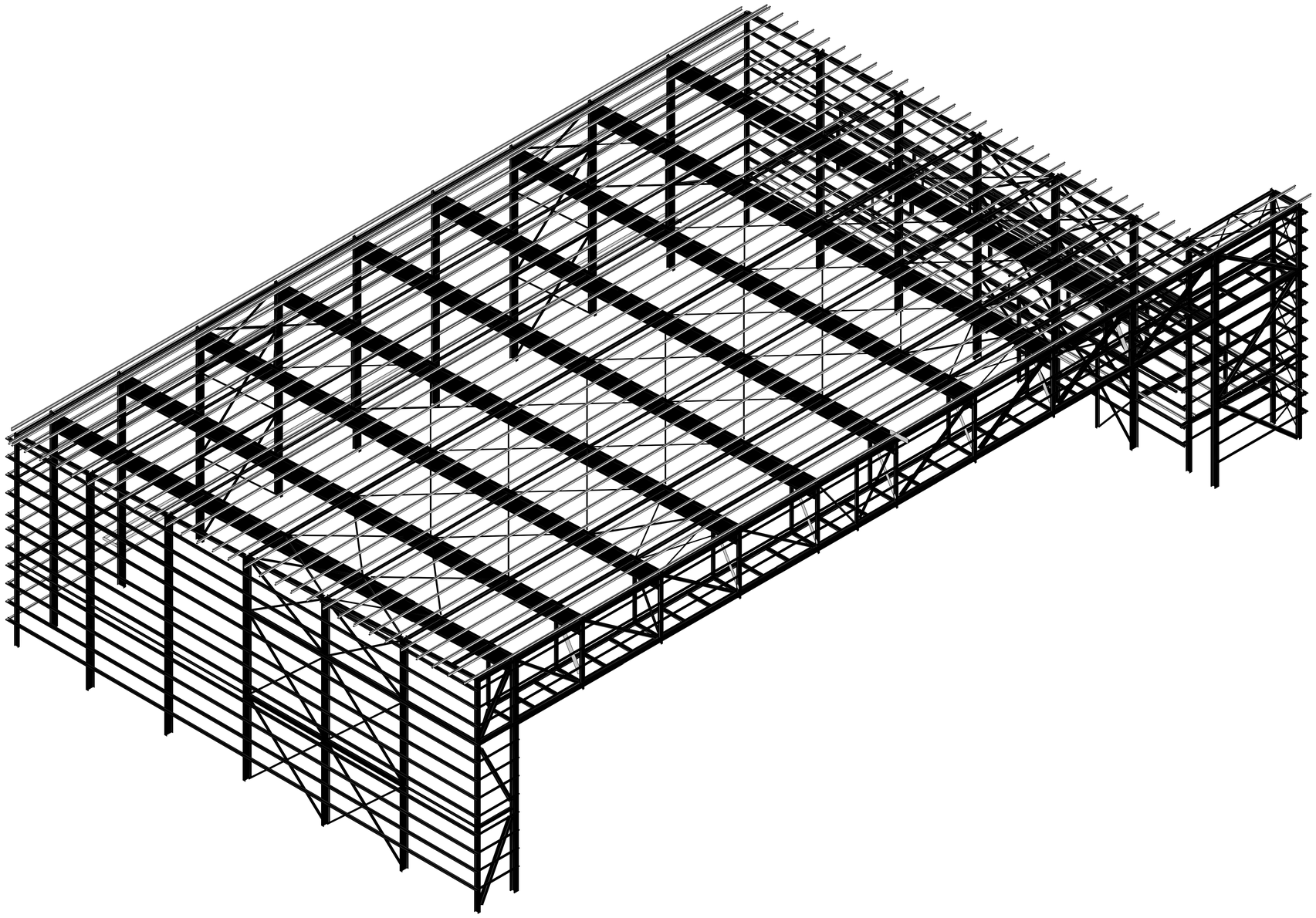
SB-204	ELEVATIONS @ GRIDS 5 - 8, & 10		06/27/2024
SB-205	ELEVATION @ GRID 11		06/27/2024
SB-300	HANGAR SECTIONS		06/27/2024
SB-301	HANGAR SECTIONS		06/27/2024
SB-310	OFFICE SECTIONS		06/27/2024
SB-311	OFFICE SECTIONS		06/27/2024



1 SB-000 STRUCTURAL 3D VIEW

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CONVENTIONAL STEEL SERVICES

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REV	DATE	CREATED BY	REVISION DESCRIPTION

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PROJECT: SIGNATURE STWEART (SWF) FBO TERMINAL AND HANGAR
STREET: NEW WINDSOR, NY 12553

BUILDER: YONKERS INDUSTRIES, INC.

SHEET TITLE: TITLE SHEET

SEAL: It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer, to alter an item in any way.

STATE OF NEW YORK · DAVID M. MCNAGHTEN · 083727 · LICENSED PROFESSIONAL ENGINEER

06.27.2024

NAME: DAVID M. MCNAGHTEN
LICENSE NO: 083727
DISCIPLINE: STRUCTURAL ENGINEERING
COMPANY: PMA ENGINEERING

DRAWING SCALE: AS NOTED
DESIGNED BY/ CHECKED BY: DLH / FHS

RELEASE: 100% PERMIT SET
DATE: 06/27/2024
SHEET NO: **SB-000**
ORDER NO: 24-008523

1. CODES, SPECIFICATIONS AND STANDARDS:

A. BUILDING CODE(S):

a. 2020 BUILDING CODE OF NEW YORK STATE
b. 2018 INTERNATIONAL BUILDING CODE
c. ASCE 7-16 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES

B. AISC 360-16, "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS", "STEEL CONSTRUCTION MANUAL", 15TH EDITION, AISC

C. AMERICAN WELDING SOCIETY, STRUCTURAL WELDING CODE D1.1

2. DESIGN LOADS:

A. ROOF LIVE LOAD — 20 PSF (NON-REDUCIBLE)

B. PLATFORMS AND WALKWAYS — 100 PSF (NON-REDUCIBLE)

C. COLLATERAL

a. HANGAR (HIGH ROOF)
1. ROOF LOAD — 10 PSF
2. SOLAR PANELS — 8 PSF

b. OFFICES (LOW ROOF)
1. ROOF LOAD — 8 PSF
2. SOLAR PANELS — NONE

D. ROOF SNOW LOAD

a.	GROUND SNOW LOAD, P_g	30.0 PSF
b.	FLAT ROOF SNOW LOAD, P_f	21.0 PSF
c.	MINIMUM ROOF SNOW LOAD, P_m	20.0 PSF
d.	SNOW EXPOSURE FACTOR, C_e	1.0
e.	RISK CATEGORY	II
f.	SNOW LOAD IMPORTANCE FACTOR, I	1.0
g.	THERMAL FACTOR, C_t	
	1. HEATED STRUCTURE	1.0
h.	DRIFTING	PER CODE

E. WIND LOADS

a.	BASIC WIND SPEED (3 SECOND GUST)	
	1. V(ULTIMATE)	115 MPH
	2. V(SERVICE)	90 MPH
b.	RISK CATEGORY	II
c.	WIND EXPOSURE	C
d.	INTERNAL PRESSURE COEFFICIENT	+/- 0.18
e.	COMPONENT AND CLADDING PRESSURE	SEE TABLE 2/SB-002

F. SEISMIC LOADS

a.	RISK CATEGORY	II
b.	SPECTRAL ACCELERATION	Ss = 0.229g, S1 = 0.057g
c.	SEISMIC IMPORTANCE FACTOR, I	1.0
d.	SPECTRAL RESPONSE COEFFICIENTS	
	1. SDS	0.244
	2. SD1	0.091
e.	SITE CLASS	D - DEFAULT
f.	SEISMIC DESIGN CATEGORY	B
g.	BASIC SEISMIC-FORCE-RESISTING SYSTEM	STRUCTURAL STEEL SYSTEMS NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE
h.	RESPONSE MODIFICATION FACTOR, R	3
i.	SEISMIC RESPONSE COEFFICIENT, Cs	0.069
j.	DESIGN BASE SHEAR	0.069W
k.	SEISMIC BASE SHEAR	111 KIPS
l.	ANALYSIS PROCEDURE	EQUIVALENT LATERAL FORCE

G. DEAD LOADS

a. ROOF DEAD LOAD — 3.5 PSF + STRUCTURE WEIGHT

3. SERVICABILITY REQUIREMENTS

A. VERTICAL DEFLECTION LIMITS:

a. PRIMARY AND SECONDARY ROOF MEMBERS:

1. HANGAR (HIGH ROOF)
A. L/120 TOTAL LOAD
B. L/180 LIVE LOAD
2. OFFICES (LOW ROOF)
A. L/180 TOTAL LOAD
B. L/240 LIVE LOAD

b. STRUCTURE ABOVE HANGAR DOOR (DUE TO TRANSIENT LOADS):

1. 6" DOWN
2. 3" UP

B. HORIZONTAL DEFLECTION LIMITS

a. MAIN WIND FORCE RESISTING SYSTEMS
1. H/60 AT EAVE HEIGHT

b. MEMBERS (GIRTS) SUPPORTING EXTERIOR WALLS
1. L/90 BASED ON 10 YEAR WIND SPEED

4. STATEMENT OF SPECIAL INSPECTIONS

A. THIS STATEMENT OF SPECIAL INSPECTIONS IS IN ACCORDANCE WITH 1704.3 OF THE 2018 INTERNATIONAL BUILDING CODE (2018 IBC). THE INTENT OF THIS SECTION IS THAT ALL SPECIAL INSPECTIONS SHALL BE PERFORMED IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 17 OF THE 2018 IBC UNLESS SPECIFICALLY NOTED OTHERWISE. ADDITIONAL SPECIAL INSPECTIONS MAY BE REQUIRED BY LOCAL CODE OR BUILDING OFFICIAL, AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ANY ADDITIONAL REQUIRMENTS ABOVE AND BEYOND THE CODE REQUIRED SPECIAL INSPECTION INDICATED BELOW.

B. THE FOLLOWING ITEMS REQUIRE SPECIAL INSPECTION IN ACCORDANCE WITH THE BUILDING CODE. SEE TABLES ON SB-002 FOR ADDITIONAL INFORMATION.

a. STRUCTURAL STEEL FABRICATIONS
b. STRUCTURAL STEEL BOLTING AND WELDING
c. INSPECTION OF ROOF DECK ATTACHMENT
d. IN-SITU STRUCTURAL FRAMING

THE SPECIAL INSPECTION TABLES SHOWN ON SHEET SB-002 ARE PARTIAL EXERPTS OF THE TABLES IN THE CODE AND ADDITIONAL SPECIAL INSPECTION REQUIRMENTS OF THIS PROJECT. IT IS THE RESPONSIBILTY OF THE SPECIAL INSPECTOR TO CONFORM WITH ALL ASPECTS OF THE CODE AND STANDARDS REFERENCED IN CHAPTER 17 OF THE 2018 IBC.

C. SPECIAL INSPECTION FOR SEISMIC RESISTANCE IS NOT REQUIRED PER IBC SECTION 1705.12 (SEISMIC DESIGN CATEGORY B, STEEL SYSTEM NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE).

D. SPECIAL INSPECTION FOR WIND RESISTANCE IS NOT REQUIRED PER IBC 2018 SECTION 1705.11 (WIND EXPOSURE CATEGORY C, V(SERVICE) =87.5 MPH).

E. STRUCTURAL OBSERVATION IS NOT REQUIRED PER IBC 2018 SECTON 1704.6.1 (RISK CATEGORY II, NON-HIGH-RISE).

F. THE OWNER IS RESPONSIBLE FOR EMPLOYING ONE OR MORE SPECIAL INSPECTORS TO PERFORM INSPECTIONS DURING CONSTRUCTION, BASED ON REQUIREMENTS OF ONE OR MORE DESIGN PROFESSIONALS.

G. THE CONTRACTOR SHALL REQUEST SPECIAL INSPECTION OF THE ITEMS LISTED ABOVE PRIOR TO THOSE ITEMS BECOMING INACCESSIBLE AND UNOBSERVABLE DUE TO PROGRESSION OF THE WORK. THE CONTRACTOR SHALL PROVIDE SAFE ACCESS TO THE JOB SITE AND ITEMS TO BE INSPECTED. SAFE ACCESS INCLUDES BUT IS NOT LIMITED TO LADDERS, SCAFFOLDING AND/OR CONTRACTOR OPERATED LIFTS AS REQUIRED FOR SITE OBSERVATION.

H. SPECIAL INSPECTOR SHALL PROVIDE BI-WEEKLY SPECIAL INSPECTION REPORTS AND SHALL DISTRIBUTE THESE REPORTS TO THE BUILDING OFFICIAL, OWNER, CONTRACTOR, ARCHITECT, STRUCTURAL ENGINEER OF RECORD, AND MECHANICAL/ ELECTRICAL/PLUMBING ENGINEER OF RECORD. SPECIAL INSPECTION REPORTING SHALL BE IN ACCORDANCE WITH SECTION 1704.2.4 OF THE 2018 IBC.

I. ALL DISCREPANCIES NOTED DURING INSPECTIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR. IF LEFT UNCORRECTED, THESE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE APPROPRIATE DESIGN PROFESSIONALS AND/OR BUILDING OFFICIAL. THE INSPECTOR IS NOT AUTHORIZED TO APPROVE DEVIATIONS FROM THE CONTRACT DRAWINGS.

5. WHERE ANY DISCREPANCIES OCCUR BETWEEN PLANS, DETAILS, STRUCTURAL GENERAL NOTES AND SPECIFICATIONS, THE MORE STRINGENT REQUIREMENTS SHALL GOVERN.

6. DRAWINGS SHALL NOT BE SCALED FOR DIMENSIONS.

7. STRUCTURAL ENGINEER SITE OBSERVATIONS:

A. THE CONTRACT STRUCTURAL DRAWINGS REPRESENT THE FINISHED STRUCTURE, AND, EXCEPT WHERE SPECIFICALLY SHOWN, DO NOT INDICATE THE METHOD OR MEANS OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, PROCEDURES, TECHNIQUES, AND SEQUENCES.

B. THE ENGINEER SHALL NOT HAVE CONTROL NOR CHARGE OF, AND SHALL NOT BE RESPONSIBLE FOR, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES, FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, FOR THE ACTS OR OMISSION OF THE CONTRACTOR, SUBCONTRACTOR, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

C. PERIODIC SITE OBSERVATION BY FIELD REPRESENTATIVES OF PMA ENGINEERING IS SOLELY FOR THE PURPOSE OF DETERMINING IF THE WORK OF THE CONTRACTOR IS PROCEEDING IN GENERAL ACCORDANCE WITH THE STRUCTURAL CONTRACT DOCUMENTS. THIS LIMITED SITE OBSERVATION SHOULD NOT BE CONSTRUED AS EXHAUSTIVE OR CONTINUOUS TO CHECK THE QUALITY OR QUANTITY OF THE WORK, BUT RATHER PERIODIC IN AN EFFORT TO GUARD THE OWNER AGAINST DEFECTS OR DEFICIENCIES IN THE WORK OF THE CONTRACTOR.

8. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING DIMENSIONS PRIOR TO FABRICATION.

9. SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND CIVIL DRAWINGS FOR OTHER PERTINENT INFORMATION RELATED TO THE STRUCTURAL WORK AND COORDINATE AS REQUIRED. THESE STRUCTURAL DRAWINGS ARE INTENDED TO BE UTILIZED AS A COMPLETE SET OF DOCUMENTS THAT REPRESENT THE BUILDING'S STRUCTURAL SYSTEMS. NO SINGLE SHEET OR SERIES OF SHEETS IS INTENDED TO "STAND ALONE." THESE STRUCTURAL DRAWINGS ARE INTENDED TO BE INCLUDED IN A COMPLETE SET OF CONSTRUCTION DOCUMENTS, INCLUDING, BUT NOT LIMITED TO: ARCHITECTURAL DRAWINGS, CIVIL DRAWINGS, MECHANICAL/ELECTRICAL/ PLUMBING DRAWINGS, AND DEFERRED DESIGN DRAWINGS. CONTRACTOR SHALL VERIFY COORDINATION OF THESE DRAWINGS WITH CONTENTS OF ABOVE DRAWING SETS SPECIFIED AND ONLY PROCEED WITH BIDDING AND CONSTRUCTION AFTER SUCH HAS TAKEN PLACE. IF DISCREPANCIES ARE DISCOVERED, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO BRING THE DISCREPANCY TO THE ATTENTION OF THE ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.

10. DETAILS LABELED "TYP" OR "TYPICAL" ARE TO BE APPLIED AT LOCATIONS THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY INDICATED. WHERE A DETAIL IS NOT INDICATED, THE DETAIL SHALL BE THE SAME AS FOR SIMILAR CONDITIONS OR AS SHOWN IN THE "TYPICAL DETAILS."

11. THE CONTRACT DRAWINGS, STRUCTURAL GENERAL NOTES AND SPECIFICATIONS REPRESENT THE FINISHED STRUCURE. THEY DO NOT INDICATE THE METHOD OR SEQUENCE OF CONSTRUCTION. THE BUILDING IS NOT STRUCTURALLY STABLE UNTIL ALL CONNECTIONS, GRAVITY AND LATERAL FRAMING, DIAPHRAGMS, PERMANENT BRACING, AND METAL DECKING ARE COMPLETE AND HAVE ACHIEVED THEIR DESIGN STRENGTH. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO BRACING AND/OR SHORING FOR LOADS AND CONDITIONS WHICH MAY OCCUR PRIOR TO ATTAINING DESIGN STRENGTH OR COMPLETION OF THE STRUCTURE. THE CONTRACTOR SHALL RETAIN A PROFESSIONAL ENGINEER LICENSED IN THE STATE WHERE THE PROJECT IS LOCATED, WHO SHALL INVESTIGATE THE NEED FOR TEMPORARY SHORING AND/OR BRACING AND SHALL DESIGN THIS TEMPORARY SHORING/BRACING. PERIODIC SITE OBSERVATIONS BY THE ARCHITECT/ENGINEER OF RECORD SHALL NOT INCLUDE OBSERVATION OR INSPECTION OF THE ABOVE ITEMS.

12. DO NOT STACK CONSTRUCTION MATERIALS ON THE STRUCTURE OR OVERLOAD ANY PART OF THE STRUCTURE.

13. STRUCTURAL STEEL:

A. ALL STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED, AND ERECTED IN ACCORDANCE WITH AISC SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS ALLOWABLE STRESS DESIGN AND PLASTIC DESIGN, LATEST EDITION, AND AISC "CODE OF STANDARD PRACTICE."

WHEN INSTRUCTIONS FOR FABRICATION AND ERECTION ARE NOT MENTIONED IN THE CONTRACT DOCUEMENTS, AISC 303-16 "AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES" SHALL GOVERN FOR FABRICATION AND ERECTION. CORRECTION OF ERRORS SHALL BE FOLLOWED WITH STRICT ACCORDANCE TO SECTION 7.14 OF THE STANDARD PRACTICE.

NORMAL ERECTION OPERATIONS INCLUDE THE CORRECTION OF MINOR MISFITS BY MODERATE AMOUNTS OF REAMING, CHIPPING, WELDING OR CUTTING AND THE DRAWING OF ELEMENTS INTO LINE THROUGHT THE USE OF DRIFT PINS. ERRORS WHICH CANNOT BE CORRECTED BY THE FOREGOING MEANS, OR WHICH REQUIRE MAJOR CHANGES IN MEMBER CONFIGURATION ARE TO BE REPORTED IMMEDIATELY TO VARCO PRUDEN AS TO ENABLE THE RESPONSIBLE PARTY THE OPPORTUNITY TO REVIEW THE ERROR AND TO APPROVE THE MOST EFFICIENT AND ECONOMICAL METHOD OF CORRECTION TO BE USED BY THE ERECTOR. ANY SUCH ERRORS, IF UNREPORTED, SHALL NOT BE CONSIDERED FOR REIMBURSEMENT.

B. DETAILING NOTES:

a. MEMBERS ARE TO BE DETAILED TO THE WORKING LINES SHOWN IN THE DESIGN DRAWINGS.
b. MINIMUM EDGE DISTANCE FOR BOLT HOLES SHALL BE PER TABLE J3.4 AND J3.5 OF THE AISC MANUAL, OR 1.5 X BOLT DIAMETER, WHICHEVER IS GREATER, UNLESS NOTED OTHERWISE IN THE DRAWINGS.
c. MINIMUM BOLT SPACING SHALL BE 3 X BOLT DIAMETER U.N.O.
d. BOLT HOLES SHALL BE AS INDICATED IN THE TABLE BELOW U.N.O.

C. ALL STRUCTURAL STEEL SHALL HAVE THE FOLLOWING MATERIAL PROPERTIES:

a.	WIDE FLANGE (W SHAPES)	ASTM A992, GRADE 50 TYPICAL U.N.O.
b.	WIDE FLANGE (WHERE NOTED)	ASTM A913, GRADE 65
c.	CHANNELS (C AND MC SHAPES)	MIN Fy = 50 KSI, MIN Fu = 65 KSI U.N.O.
d.	ANGLES (L SHAPES)	MIN Fy = 50 KSI, MIN Fu = 65 KSI U.N.O.
e.	ROUND HSS SHAPES	ASTM A500, GRADE C (46 KSI)
f.	SQUARE, ROUND & RECT. HSS SHAPES	ASTM A 500, GRADE C (50 KSI)
g.	STEEL PLATE FOR 3-PLATE GIRDERS	ASTM A529 OR A572, GRADE 55
h.	PLATE AND BAR	ASTM A529 OR A572, GRADE 55

D. CONNECTIONS

a. USE STANDARD FRAMED BEAM CONNECTIONS MEETING THE REQUIREMENETS OF "MANUAL OF STEEL CONSTRUCTION". REFER TO PLANS AND DETAILS FOR DESIGNATED LOADS AND DETAILS.

b. CONNECTING OR SPLICING OF STRUCTURAL STEEL NOT SHOWN ON THE DRAWINGS IS PROHIBITED WITHOUT PRIOR WRITEN APROVAL OF THE ARCHITECT/ENGINEER.

c. BOLTED CONNECTIONS:

1. THE STRUCTURE SHOWN IN THIS DRAWING SET IS DESIGNED FOR FIELD ASSEMBLY USING HIGH STRENGTH BOLTS, AS SPECIFIED IN "SPECIFICATIONS FOR STRUCTURAL JOINTS" USING ASTM F1852 TC BEARING CONNECTIONS UNLESS SPECIFICALLY NOTED OTHERWISE. TIGHTENING OF BOLTS SHALL BE IN ACCORDANCE WITH AISC ACCEPTABLE METHODS. SEE DRAWINGS FOR BOLT SIZES.

2. ALL BOLTS USED IN CONNECTION OF THE PRIMARY FRAMING SYSTEM SHALL BE FULLY TENSIONED.

3. REFER TO "SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS" PUBLISHED BY THE RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS (RCSC) FOR COMPREHENSIVE INSTRUCTIONS ON THE INSTALLATION OF HIGH STRENGTH BOLTED CONNECTIONS.

4. HIGH STRENGTH BOLTS USED IN PURLIN AND GIRT CONNECTIONS ARE ASTM F1852 (A325N) BEARING TYPE BOLTS AND SHALL BE BROUGHT TO "SNUG TIGHT" CONDITION.

5. BOLTS DESIGNATED AS "SC" SHALL BE SLIP CRITICAL BOLTS. THERE SHALL BE NO SHOP PRIMER (INCLUDING OVERSPRAY) OR FINISH PAINT AT SLIP-CRITICAL BOLT CONNECTION FAYING SURFACES.

6. CONNECTIONS NOTED AS "SC", "TENSIONED" OR USING TENSION CONTROL (TC) BOLTS SHALL BE TENSIONED FROM THE MOST RIGID PART OF THE CONNECTION PROCEEDING OUTWARDS. TENSIONING SHALL BE STARTED ONLY WHEN ALL BOLTS IN THE CONNECTION ARE AT THE "SNUG TIGHT" CONDITION. IN ADDITION TO THE PROVISIONS OF THE SPECIFICATIONS NOTED ABOVE, THE ERECTOR SHALL EXERCISE CARE THAT BOLTED PARTS ARE NOT DRAWN OUT OF ALIGNMENT DURING THE TENSIONING PROCESS.

d. WELDED CONNECTIONS:

1. ALL WELDED CONNECTIONS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF AWS D1.1

2. ALL WELDERS SHALL BE QUALIFIED IN ACCORDANCE WITH THE LATEST EDITION OF AWS D1.1

3. ALL ELECTRODES USED FOR WELDING SHOWN ON THESE DOCUMENTS SHALL BE E70 SERIES LOW HYDROGEN ELECTRODES UNLESS NOTED OTHERWISE AS E80. AT FULL PENETRATION WELDS OF A913, GRADE 65 SECTIONS, USE E80 SERIES ELECTRODES.

4. ALL GROOVE WELDS TO BE FULL PENETRATION UNLESS NOTED. FULL PENETRATION WELDS SHALL BE ULTRASONICALLY TESTED AND CERTIFIED. REDUCTION IN TESTING MAY BE MADE IN ACCORDANE WITH THE BUILDING CODE WITH THE APPROVAL OF THE ENGINEER.

5. NO FIELD CUTTING AND WELDING ALLOWED WITHOUT APPROVAL OF THE ENGINEER.

6. ALL WELDS SHALL BE VISUALLY INSPECTED FOR COMPLIANCE WITH AWS D1.1 BY THE FABRICATOR.

7. ALL WELDS USED IN MEMBERS AND CONNECTIONS SHALL BE MADE WITH FILLER METAL THAT CAN PRODUCE WELDS THAT HAVE A MINIMUM CHARPY V-NOTCH OF 20 FT-LB AT 40°F, AS DETERMINED BY THE APPROPRIATE AWS A5 CLASSIFICATION TEST METHOD OR MANUFACTURER CERTIFICATION.

8. MINIMUM PREHEAT AND INTERPASS TEMPERATURES, MAXIMUM INTERPASS TEMPERATURES AND MAXIMUM COOLING RATES OF WELDS SHALL BE IN COMPLIANCE WITH THE MOST CURRENT VERSION OF AWS D1.1 STRUCTURAL WELDING CODE.

9. WHEN FIELD WELDS ARE REQUIRED, ALL EFFORTS SHALL BE MADE TO PROTECT THE WELD FROM WIND, SNOW, RAIN, ICE AND OTHER ENVIRONMENTAL CONTAMINANTS. AFTER COMPLETION, PAINT FIELD WELD WITH ZINC RICH PAINT.

e. FIELD WELDING:

1. ALL FIELD WELDING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF ASW D1.1 USING E70 SERIES LOW HYDROGEN ELECTRODES UNLESS NOTED OTHERWISE AS E80.

2. ALL FIELD WELDING SHALL BE PERFORMED BY QUALIFIED WELDERS AND INSPECTED BY CERTIFIED WELD INSPECTORS. NOTE THAT THE STRUCTURAL STEEL FOR THIS PROJECT MAY HAVE A MINIMUM YIELD STRESS RANGING FROM 46 KSI TO 65 KSI.

3. DO NOT WELD WHEN THE TEMPERATURE IS BELOW 0 DEGREES FAHRENHEIT.

4. WHEN THE TEMPERATURE IS BELOW 32 DEGREES FAHRENHEIT (FOR MATERIAL UP TO 1-1/2 INCHES THICK) THE FOLLOWING PROCEDURES MUST BE OBSERVED.

1 PREHEAT BOTH PARTS TO 70 DEGREES FAHRENHEIT
2 USE ONLY LOW HYDROGEN ELECTRODES (E7015, 7018 AND E7028)
3 AVOID "ARC STRIKES" (WHEN AT THE START OF A WELD THE ELECTRODE IS SCRATCHED ALONG THE SURFACE OF THE PLATE
4 AVOID SHORT TACK WELDS

14. ANCHOR RODS, EMBEDDED ITEMS AND BASE PLATES

A. ANCHOR RODS, WASHERS, AND NUTS WILL MEET OR EXCEED THE FOLLOWING DESIGNATIONS WITH NO SUBSTITUTIONS:

a.	ANCHOR RODS	SEE DRAWINGS FOR GRADE
b.	NUTS	ASTM A563 GRADE D
c.	WASHERS	ASTM F436
d.	PLATE WASHERS	ASTM A572, GRADE 50

B. ANCHOR RODS SHALL BE SET USING A TEMPLATE PLATE. DO NOT HAND SET. DETAIL THE TEMPLATES ON THE SHOP DRAWINGS.

C. ANCHOR ROD DIAMETER, LOCATION, AND PROJECTION ARE SHOWN IN THE DRAWINGS. THE ANCHOR ROD LENGTH, EMBEDDED END CONDITION AND THE DESIGN OF ANY REINFORCMENT IN THE FOUNDATION SYSTEM TO RESIST THE DESIGN LOADS IS THE RESPONSIBILITY OF THE FOUNDATION ENGINEER. ANCHOR RODS ARE NOT IN THIS CONTRACT AND SHALL BE PROVIDED BY OTHERS.

D. ALL CONCRETE SUPPORTING COLUMN BASE PLATES SHALL BE NORMAL WEIGHT CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF f'c = 4,000 PSI AT 28 DAYS.

E. ALL ANCHOR RODS SPECIFIED AS F1554, GRADE 55 SHALL BE FURNISHED WITH THE S1 SUPPLEMENT.

15. NON-SHRINK COLUMN GROUT

A. ALL COLUMN BASES SHALL BE GROUTED PER THIS SECTION, UNLESS NOTED OTHERWISE.

B. GROUT SHALL BE A PORTLAND CEMENT BASED NON-SHRINK, NON-METALLIC, AND NON-CORROSIVE PRODUCT MEETING THE REQUIREMENTS OF ASTM CL 107 WITH A MINIMUM COMPRESSIVE STRENGTH OF 5,000 PSI.

C. CLEAN GROUTED SURFACES TO REMOVE ALL OIL, GREASE, AND ANY LOOSE MATERIALS. SATURATE GROUTED AREAS FOR 24 HOURS AND REMOVE EXCESS WATER BEFORE PLACING GROUT. REFER TO MANUFACTURER'S RECOMMENDATIONS.

D. LEVEL BASE PLATES TO PROPER ELEVATION AND ALIGNMENT BEFORE GROUT PLACEMENT.

E. PLACE GROUT CONTINUOUSLY BY MOST PRACTICAL MEANS, WORKING TO AVOID ANY AIR POCKETS. GROUT MAY BE RODDED OR TAMPED, BUT DO NOT VIBRATE. REFER TO MANUFACTURER'S RECOMMENDATIONS.

F. PLACE AND CURE GROUT ACCORDING TO THE MANUFACTURER'S WRITTEN INSTRUCTIONS AND ACCORDING TO ACI RECOMMENDED PROCEDURES.

16. PAINTING OF STRUCTURAL STEEL:

A. UNLESS NOTED OTHERWISE, ALL STRUCTURAL STEEL, AS DEFINED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, SHALL BE SHOP PRIMED, STANDARD GRAY COLOR, HAVING MINIMUM DRY FILM THICKNESS (DFT) OF 1 MIL.

B. ALL EXPOSED WELD OR WELD OF STEEL IN OPEN ENVIRONMENT SHALL BE SHOP PAINTED.

C. SURFACE PREPARATION SHALL MEET THE REQUIREMENTS SSPC-SP-2 AS DEFINED BY THE STEEL STRUCTURES PAINTING COUNCIL (SSPC).

D. COLD-FORMED WALL AND ROOF SECONDARIES SHALL BE MADE FROM MANUFACTURER'S STANDARD G30 GALVANIZED FINISH COATED WITH A CLEAR POLYESTER TOP COAT.

E. BOLTS AT PAINTED CONNECTIONS SHALL BE UNCOATED "BLACK" BOLTS FREE OF RUST, MILL SCALE OR OTHER DEBRIS. ONCE TC BOLTS ARE TENSIONED, THEY ARE NOT PERMITTED TO BE RE-USED IN AN ALTERNATE LOCATION.

F. MASK PAINT AT FAYING SURFACES OF SLIP CRITICAL CONNECTIONS AND ALL LOCATIONS WHERE FIELD WELDING IS ANTICIPATED.

17. HEAVY SHAPES - ROLLED & BUILT UP

A. WHERE HOT ROLLED SHAPES WITH A FLANGE THICKNESS EXCEEDING 2 IN. ARE CONNECTED USING COMPLETE JOINT PENETRATION GROOVE WELDS THAT FUSE THROUGH THE THICKNESS OF THE FLANGE OR THE FLANGE AND THE WEB, THE MATERIAL SHALL BE SUPPLIED WITH CHARPY V-NOTCH (CVN) IMPACT TEST RESULTS IN ACCORDANCE WITH ASTM A6, SUPPLEMENTARY REQUIREMENT S30, CHARPY V-NOTCH IMPACT TEST FOR STRUCTURAL SHAPES - ALTERNATE CORE LOCATION. THE IMPACT TEST SHALL MEET A REQUIREMENT AVERAGE VALUE OF 20 FT-LB ABSORBED ENERGY AT A MAXIMUM TEMPERATURE OF +70° F. THESE REQUIREMENTS DO NOT APPLY IF THE SPLICES AND CONNECTIONS ARE MADE BY BOLTING. WHERE A ROLLED HEAVY SHAPE IS WELDED TO THE SURFACE OF ANOTHER SHAPE/PLATE USING GROOVE WELDS, THE REQUIREMENTS APPLY ONLY TO THE SHAPE THAT HAS WELD METAL FUSED THROUGH THE CROSS SECTION.

B. WHERE BUILT UP SECTIONS CONSISTING OF PLATES WITH A THICKNESS EXCEEDING 2 IN. ARE CONNECTED USING COMPLETE JOINT PENETRATION GROOVE WELDS THAT FUSE THROUGH THE THICKNESS OF THE PLATES, THE MATERIAL SHALL BE SUPPLIED WITH CHARPY V-NOTCH (CVN) IMPACT TEST RESULTS IN ACCORDANCE WITH ASTM A6, SUPPLEMENTARY REQUIREMENT S5, CHARPY V-NOTCH IMPACT TEST. THE IMPACT TEST SHALL BE CONDUCTED JN ACCORDANCE WITH ASTM A673, FREQUENCY P, AND SHALL MEET A MINIMUM AVERAGE VALUE OF 20 FT-LB ABSORBED ENERGY AT A MAXIMUM TEMPERATURE OF +70° F. WHEN A BUILT UP HEAVY SHAPE IS WELDED TO THE FACE OF ANOTHER MEMBER/PLATE USING GROOVE WELDS, THESE REQUIREMENTS APPLY ONLY TO THE SHAPE THAT HAS WELD METAL FUSED THROUGH THE CROSS SECTION.

18. SUBMITTALS:

A. CODE COMPLIANT STRUCTURAL DESIGN OF THE FOLLOWING ITEMS IS DEFERRED TO THE GENERAL CONTRACTOR.

a. SECONDARY MEMBERS (LIGHT GAGE GIRTS & PURLINS)
b. METAL DECK & ATTACHMENT AT LOW ROOF
c. STRUCTURAL STEEL CONNECTIONS
d. ROOF ACCESS LADDERS, SAFETY CAGES & FALL ARREST SYSTEMS PER OSHA 1910.28
e. EXTERIOR WALL PANELS
f. EXTERIOR CANOPIES ALONG GRID LINE A.

B. DEFERRED SUBMITTALS SHALL INCLUDE SUBSTANTIATING STRUCTURAL CALCULATIONS AND SHALL BEAR THE SIGNED WET OR CERTIFIED ELECTRONIC STAMP OF A REGISTERED PROFESSIONAL ENGINEER WHO IS LEGALLY AUTHORIZED TO PRACTICE IN THE JURISDICTION WHERE PROJECT IS LOCATED AND WHO IS EXPERIENCED IN PROVIDING ENGINEERING SERVICES OF THE KIND INDICATED. DEFERRED SUBMITTALS SHALL BEAR THE APPROVAL STAMP OF THE PROJECT ENGINEER OF RECORD.

C. ALL SHOP DRAWINGS AND SUBMITTALS MUST BE REVIEWED AND APPROVED BY THE CONTRACTOR PRIOR TO SUBMITTAL. ENGINEER'S REVIEW OF SHOP DRAWINGS IS LIMITED TO CHECKING FOR GENERAL CONFORMANCE WITH DESIGN DRAWINGS AND STRENGTH OF COMPONENTS AND MATERIALS. CONTRACTOR IS RESPONSIBLE FOR ANY CHANGES FROM THE DESIGN DRAWINGS, QUANTITIES, DIMENSIONAL ERRORS, OR OMISSIONS IN THE SHOP DRAWINGS.

D. ALL SHOP DRAWINGS MUST BE ORIGINAL DOCUMENTS AND SHALL NOT BE REPRODUCTIONS OF THESE CONTRACT DOCUMENTS.

E. SUBMIT SHOP DRAWINGS DETAILING FABRICATION OF EACH MEMBER AND ITS CONNECTIONS. CONNECTION DRAWINGS ARE TO BE PREPARED UNDER THE SUPERVISION OF A LICENSED PROFESSIONAL ENGINEER.

F. CONTRACTOR SHALL SUBMIT STRUCTURAL SHOP DRAWINGS FOR THE FOLLOWING:

a. STRUCTURAL STEEL
b. STEEL DECK AND ATTACHMENT METHODS AND MATERIALS
c. LIGHT GAGE METAL FRAMING AND CONNECTIONS
d. EXTERIOR CANOPIES ALONG GRID LINE A.

1 STRUCTURAL GENERAL NOTES
SB-001

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A DIVISION OF CONTRACTOR'S OWN SUPPLY WITHOUT "VP APPROVAL"

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CONVENTIONAL STEEL SERVICES

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REV	DATE	CREATED BY	REVISION DESCRIPTION

THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS AND WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDINGS SPECIFICATIONS, AND ALL OTHER DRAWINGS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.

THE ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED IN THE BUILDING CODE. VP BUILDINGS IS NOT RESPONSIBLE FOR PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.

PROJECT: SIGNATURE STWEART (SWF) FBO TERMINAL AND HANGARTREET. NEW WINDSOR, NY 12553
BUILDER: YONKERS INDUSTRIES, INC.
SHEET TITLE: GENERAL NOTES

SEAL: It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer, to alter an item in any way.

06.27.2024

NAME: DAVID M. MCNAGHTEN
LICENSE NO.: 083727
DISCIPLINE: STRUCTURAL ENGINEERING
COMPANY: PMA ENGINEERING

DRAWING SCALE: AS NOTED
DESI

ABBREVIATIONS

A.B.	ANCHOR BOLT(S)	INT	INTERIOR
@	AT	JT	JOINT
ACI	AMERICAN CONCRETE INSTITUTE	JST	JOIST
ADD'L	ADDITIONAL	K	KIP - 1000 POUNDS
A.F.F.	ABOVE FINISH FLOOR	LBS or #	POUND(S)
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	LG	LONG
		LGS	LIGHT GAUGE STEEL
ALT	ALTERNATE	LL	LIVE LOAD
&	AND	LLH	LONG LEG HORIZONTAL
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	LLV	LONG LEG VERTICAL
		LOC	LOCATION
APPROX	APPROXIMATE	LSH	LONG SIDE HORIZONTAL
ARCH	ARCHITECT or ARCHITECTURAL DOCUMENTS	LSV	LONG SIDE VERTICAL
		MATL	MATERIAL
ASD	ALLOWABLE STRESS DESIGN	MAX	MAXIMUM
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	MECH	MECHANICAL
		MEP	MECHANICAL, ELECTRICAL, PLUMBING
AWS	AMERICAN WELDING SOCIETY		
AVG	AVERAGE	MFR or MANUF	MANUFACTURER
℄	BUILDING LINE	MID	MIDDLE
BLDG	BUILDING	MIN	MINIMUM
BLK'G	BLOCKING	MISC	MISCELLANEOUS
BM	BEAM	MK	MARK
B.O.	BOTTOM OF... (ADD ITEM)	MTL	METAL
BOT	BOTTOM	NF	NEAR FACE
BRG	BEARING	No. or #	NUMBER
BTWN	BETWEEN	NOM	NOMINAL
CALCS	CALCULATIONS	N.S.	NEAR SIDE
CANT	CANTILEVER	N-S	NORTH-SOUTH OR NORTH TO SOUTH
C-C	CENTER TO CENTER		
CFMF	COLD-FORMED METAL FRAMING	N.T.S.	NOT TO SCALE
CIP	CAST-IN-PLACE	O.C.	ON CENTER
C.J.	CONTRACTION JOINT	O.D.	OUTSIDE DIAMETER
CJP	COMPLETE JOINT PENETRATION	O.F.	OUTSIDE FACE
℄	CENTER LINE	OPP HAND	OPPOSITE HAND
CLG	CEILING	OPNG	OPENING
CLR	CLEAR	OPP	OPPOSITE
COL	COLUMN	PCF	POUNDS PER CUBIC FOOT
COLLAT	COLLATERAL	PEN	PENETRATION
CONC	CONCRETE	PJP	PARTIAL JOINT PENETRATION
CONN	CONNECTION	PL	PLATE OR PROPERTY LINE
CONSTR.	CONSTRUCTION	PERP	PERPENDICULAR
CONT	CONTINUE or CONTINUOUS	PLF	POUNDS PER LINEAL FOOT
CTR	CENTER	PRELIM	PRELIMINARY
DBL	DOUBLE	PSF	POUNDS PER SQUARE FOOT
DEG	DEGREE	PSI	POUNDS PER SQUARE INCH
DIA or Ø	DIAMETER	RAD	RADIUS
DIAG	DIAGONAL	REF OR RE:	REFERENCE
DIM	DIMENSION	REQ'D	REQUIRED
DL	DEAD LOAD	REV	REVERSE
DN	DOWN	SCHED	SCHEDULE
DTL	DETAIL	SECT	SECTION
DWG	DRAWING(S)	SEOR	STRUCTURAL ENGINEER OF RECORD
EA	EACH		
ECC	ECCENTRIC	SFRS	SEISMIC FORCE RESISTING SYSTEM
E.F.	EACH FACE		
ELEV	ELEVATION	SHT	SHEET
ENGR	ENGINEER	SIM	SIMILAR
EOR or E.O.R.	ENGINEER OF RECORD	SLH	SHORT LEG HORIZONTAL
EQ	EQUAL	SLV	SHORT LEG VERTICAL
E.S.	EACH SIDE	S-N	SOUTH TO NORTH
E.W.	EACH WAY	SOG	SLAB-ON-GRADE
E-W	EAST-WEST OR EAST TO WEST	SP or SPCS	SPACES
EXIST	EXISTING	SPA	SPACING
EXT	EXTERIOR	SPEC	SPECIFICATION
FF	FINISH FLOOR	SQ	SQUARE
FFE	FINISH FLOOR ELEVATION	STD	STANDARD
FIN	FINISH	STIFF	STIFFENER
FLG	FLANGE	STL	STEEL
FLR	FLOOR	STRUCT	STRUCTURE or STRUCTURAL
FND	FOUNDATION	SYMM	SYMMETRICAL
FRMG	FRAMING	T&B	TOP AND BOTTOM
F.S.	FAR SIDE	THK	THICK or THICKNESS
FT	FOOT or FEET	TL	TOTAL LOAD
FTG	FOOTING	T.O.	TOP OF... (ADD ITEM)
F.V.	FIELD VERIFY	TYP	TYPICAL
F_Y	YIELD STRESS OF STEEL	U.N.O.	UNLESS NOTED OTHERWISE
GA	GAGE or GAUGE	VAR	VARIES
GALV	GALVANIZED	VERT	VERTICAL
GC	GENERAL CONTRACTOR	w/	WITH
HORIZ	HORIZONTAL	W-E	WEST TO EAST
HT	HEIGHT	W.H.	WEB HORIZONTAL
I (in⁴)	MOMENT OF INERTIA	WL	WIND LOAD
IBC	INTERNATIONAL BUILDING CODE	w/o	WITHOUT
ICC	INTERNATIONAL CODE COUNCIL	WP	WORKING POINT
I.D.	INSIDE DIAMETER	WT	WEIGHT
I.F.	INSIDE FACE	X-BRACE	CROSS BRACING
IN	INCH	X-STRONG	EXTRA STRONG
INCL	INCLUDE	XX-STRONG	DOUBLE EXTRA STRONG
INFO	INFORMATION		

1 SB-002 STRUCTURAL ABBREVIATIONS

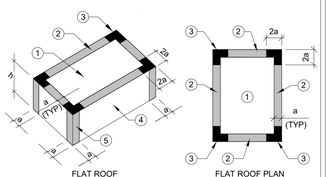
COMPONENTS & CLADDING WIND PRESSURES (PSF) FLAT/GABLE/HIP ROOF, 0° < θ ≤ 7°, h > 60 FT, 115 MPH (3 SEC GUST), ENCLOSED, EXPOSURE C, LRFD

ZONE	HEIGHT													
	0-15'		15-25'		25-35'		35-45'		45-55'		55-65'		65-75'	
1	+16.0	-52.0	+16.0	-52.0	+16.0	-52.0	+16.0	-52.0	+16.0	-52.0	+16.0	-52.0	+16.0	-52.0
2	+16.0	-81.7	+16.0	-81.7	+16.0	-81.7	+16.0	-81.7	+16.0	-81.7	+16.0	-81.7	+16.0	-81.7
3	+16.0	-81.7	+16.0	-81.7	+16.0	-81.7	+16.0	-81.7	+16.0	-81.7	+16.0	-81.7	+16.0	-81.7
4	+27.9	-35.6	+30.4	-35.6	+32.2	-35.6	+33.6	-35.6	+34.8	-35.6	+35.9	-35.6	+36.8	-35.6
5	+27.9	-65.2	+30.4	-65.2	+32.2	-65.2	+33.6	-65.2	+34.8	-65.2	+35.9	-65.2	+36.8	-65.2

NOTES:

1. WIND ZONES ARE IN ACCORDANCE WITH ASCE 7-16, FIGURE 30.5-1 WITH A ROOF ANGLE 0º - 7º (FLAT ROOF).
2. PRESSURES ARE BASED ON AN EFFECTIVE WIND AREA OF 10 SQUARE FEET.
3. PRESSURES SHOWN ARE NOMINAL WIND PRESSURES AT ULTIMATE LOAD LEVEL (LRFD) AND SHALL BE USED IN ACCORDANCE WITH THE LOAD COMBINATIONS SPECIFIED IN ASCE 7-10, CHAPTER 2.
4. DESIGNER MAY USE THE APPROPRIATE ADJUSTMENT FACTORS OR METHODS OF ASCE 7-16 TO COMPUTE COMPONENT & CLADDING PRESSURES FOR SPECIFIC COMPONENTS OF THIS STRUCTURE.
5. PRESSURES SHOWN ARE APPLIED NORMAL TO THE SURFACE, FOR EXPOSURE & HEIGHT INDICATED ON THE TABLE.
6. PLUS AND MINUS SIGNS SIGNIFY PRESSURES ACTING TOWARD AND AWAY FROM THE SURFACES, RESPECTIVELY.
7. PARAPET WIND PRESSURES HAVE NOT BEEN PROVIDED AND SHALL BE CALCULATED USING SECTION 30.8 OF ASCE 7-16.
8. NOTATION:

   a: 10 PERCENT OF LEAST HORIZONTAL DIMENSION BUT NOT LESS THAN 3 FEET.
   h: MEAN ROOF HEIGHT, IN FEET (METERS), EXCEPT THAT EAVE HEIGHT SHALL BE USED FOR ROOF ANGLES <10°.
   θ: ANGLE OF PLANE OF ROOF FROM HORIZONTAL, IN DEGREES.



FLAT ROOF

FLAT ROOF PLAN

INTERIOR ZONES | EDGE ZONES | CORNER ZONES

2 SB-002 WIND PRESSURE TABLE

REQ'D QUALITY CONTROL & QUALITY ASSURANCE OF STEEL CONSTRUCTION (RE: AISC 360 CHAPTER N)

VERIFICATION AND INSPECTION	QC	QA	DOCUMENT
1. VERIFY FABRICATOR AND ERECTOR QUALITY CONTROL (QC) PROGRAM PER AISC 360 SECTION N2	P	P	-
2. INSPECTION TASKS PRIOR TO WELDING PER AISC 360 TABLE N.5.4-1 (SEE NOTE 6)			
A. WELDER QUALIFICATION RECORDS AND CONTINUITY RECORDS	P	O	-
B. WELDING PROCEDURE SPECIFICATIONS (WPS) AVAILABLE	P	P	-
C. MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	P	P	-
D. MATERIAL IDENTIFICATION (TYPE/GRADE)	O	O	-
E. WELDER IDENTIFICATION SYSTEM • FABRICATOR OR ERECTOR, AS APPLICABLE, SHALL MAINTAIN A SYSTEM BY WHICH A WELDER WHO HAS WELDED A JOINT OR MEMBER CAN BE IDENTIFIED. • DIE STAMPING OF MEMBERS SUBJECT TO FATIGUE SHALL BE PROHIBITED UNLESS APPROVED BY THE EOR.	O	O	-
F. FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY) • JOINT PREPARATIONS • DIMENSION (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL) • CLEANLINESS (CONDITION OF STEEL SURFACES) • TACKING (TACK WELD QUALITY AND LOCATION) • BACKING TYPE AND FIT (IF APPLICABLE)	O	O	-
G. FIT-UP OF CJP GROOVE WELDS OF HSS T-, Y-, AND K- CONNECTIONS WITHOUT BACKING (INCLUDING JOINT GEOMETRY) • JOINT PREPARATIONS • DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOF FACE, BEVEL) • CLEANLINESS (CONDITION OF STEEL SURFACES) • TACKING (TACK WELD QUALITY AND LOCATION)	P	O	-
H. CONFIGURATION AND FINISH OF ACCESS HOLES	O	O	-
I. FIT-UP OF FILLET WELDS • DIMENSIONS (ALIGNMENT, GAPS AT ROOT) • CLEANLINESS (CONDITION OF STEEL SURFACES) • TACKING (TACK WELD QUALITY AND LOCATION)	O	O	-
J. CHECK WELDING EQUIPMENT	O	-	-
3. INSPECTION TASKS DURING WELDING PER AISC 360 TABLE N5.4-2 (SEE NOTE 6)			
A. WPS FOLLOWS: • SETTINGS ON WELD EQUIPMENT • TRAVEL SPEED • SELECTED WELDING MATERIALS • SHIELDING GAS TYPE/FLOW RATE • PREHEAT APPLIED • INTERPASS TEMPERATURE MAINTAINED (MIN/MAX) • PROPER POSITION (F, V, H, OH) • INTERMIX OF FILLER METALS AVOIDED UNLESS APPROVED	O	O	-
B. USE OF QUALIFIED WELDERS	O	O	-
C. CONTROL AND HANDLING OF WELDING CONSUMABLES • PACKAGING • EXPOSURE CONTROL	O	O	-
D. NO WELDING OVER CRACKED TACK WELDS	O	O	-
E. ENVIRONMENTAL CONDITIONS • WIND SPEED WITHIN LIMITS • PRECIPITATION AND TEMPERATURE	O	O	-
F. WELDING TECHNIQUES • INTERPASS AND FINAL CLEANING • EACH PASS WITHIN PROFILE LIMITATIONS • EACH PASS MEETS QUALITY REQUIREMENTS	O	O	-
G. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS	P	P	-
4. INSPECTION TASKS AFTER WELDING PER AISC 360 TABLE N5.4-3 (SEE NOTE 6)			
A. WELDS CLEANED.	O	O	-
B. SIZE, LENGTH AND LOCATION OF WELDS	P	P	-
C. WELDS MEET VISUAL ACCEPTANCE CRITERIA • CRACK PROHIBITION • WELD/BASE METAL FUSION • CRATER CROSS SECTION • WELD PROFILES • WELD SIZE • UNDERCUT • POROSITY	P	P	DOC
D. ARC STRIKES	P	P	-
E. K-AREA (SEE NOTE 7)	P	P	DOC
F. WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES (SEE NOTE 8)	P	P	-
G. PLACEMENT OF REINFORCING OR CONTOURING FILLET WELDS (IF REQUIRED)	P	P	DOC
H. BACKING REMOVED, WELD TABS REMOVED AND FINISHED, AND FILLET WELDS ADDED (IF REQUIRED)	P	P	DOC
I. REPAIR ACTIVITIES	P	P	DOC
J. DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER	P	P	DOC
K. NO PROHIBITED WELDS HAVE BEEN ADDED WITHOUT APPROVAL OF THE EOR	O	O	-
5. INSPECTION TASKS PRIOR TO BOLTING PER AISC TABLE N5.6-1 (SEE NOTES 9, 10 & 11)			
A. MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	O	O	-
B. FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS.	O	O	-
C. CORRECT FASTENERS SELECTED FOR THE JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE).	O	O	-
D. CORRECT BOLTING PROCEDURES SELECTED FOR JOINT DETAIL.	O	O	-
E. CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS.	O	O	-
F. PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED & DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED.	P	O	DOC
G. PROTECTED STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENER COMPONENTS.	O	O	-
6. INSPECTION TASKS DURING BOLTING PER AISC TABLE N5.6-2 (SEE NOTES 9, 10 & 11)			
A. FASTENER ASSEMBLIES PLACED IN ALL HOLES, AND WASHERS & NUTS ARE POSITIONED AS REQUIRED.	O	O	-
B. JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO PRETENSIONING OPERATION.	O	O	-
C. FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING.	O	O	-
D. FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES.	O	O	-
7. INSPECTION TASKS AFTER BOLTING PER AISC TABLE N5.6-3 (SEE NOTES 10 & 11)			
A. DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTION.	P	P	DOC

STEEL INSPECTION NOTES:

1. QUALITY CONTROL (QC) SHALL BE PROVIDED BY THE FABRICATOR, ERECTOR OR OTHER RESPONSIBLE CONTRACTOR AS APPLICABLE.
2. QUALITY ASSURANCE (QA) SHALL BE PROVIDED BY OTHERS WHEN REQUIRED BY THE AUTHORITY HAVING JURISDICTION (AHJ), APPLICABLE BUILDING CODE (ABC), PURCHASER, OWNER, OR ENGINEER OF RECORD (EOR).
3. WHEN A TASK IS NOTED TO BE PERFORMED BY BOTH QC AND QA, IT IS PERMITTED TO COORDINATE THE INSPECTION FUNCTIONS BETWEEN THE QUALITY CONTROL INSPECTOR (QCI) AND QUALITY ASSURANCE INSPECTOR (QAI) SO THAT THE INSPECTION FUCTIONS ARE PERFORMED BY ONLY ONE PARTY. WHEN QA RELIES UPON INSPECTION FUNCTIONS PERFORMED BY QC, THE APPROVAL OF THE EOR AND AHJ IS REQUIRED.
4. NONDESTRUCTIVE TESTING (NDT) SHALL BE PERFORMED BY THE AGENCY OR FIRM RESPONSBILE FOR QUALITY ASSURANCE. NDT OF WELDS COMPLETED IN A FABRICATOR'S SHOP IS PERMITTED TO BE PERFORMED BY THE FABRICATOR WHEN APPROVED BY THE AHJ. WHEN THE FABRICTOR PERFORMS NDT, THE QA AGENCY SHALL REVIEW THE FABRICATOR'S NDT REPORTS.

6 SB-002 IBC TABLE

LEGEND

1. DENOTES SECTION NUMBER / DENOTES DRAWING WHERE SECTION IS FOUND
2. DENOTES CENTERLINE
3. DENOTES BUILDING LINE
4. DENOTES LOCATION OF VERTICAL BRACING
5. DENOTES LOCATION OF VERTICAL SWAY BRACING (VERTICAL BRACING NOT CONTINUING TO THE GROUND)
6. NORTH ARROW

3 SB-002 STRUCTURAL LEGENDS

REQUIRED QUALITY CONTROL AND QUALITY ASSURANCE OF STEEL DECK (RE: ANSI/SDI QA/QC – 2022 STANDARD, APPENDIX 1)

VERIFICATION AND INSPECTION	QC	QA
1. INSPECTION TASKS PRIOR TO DECK PLACEMENT PER ANSI/SDI TABLE 1.1		
A. VERIFY COMPLIANCE OF MATERIALS (DECK AND ALL DECK ACCESSORIES) WITH CONSTRUCTION DOCUMENTS, INCLUDING PROFILES, MATERIAL PROPERTIES AND BASE METAL THICKNESS.	P	P
B. DOCUMENT ACCEPTANCE OR REJECTION OF DECK AND DECK ACCESSORIES.	P	P
2. INSPECTION TASKS AFTER DECK PLACEMENT PER ANSI/SDI TABLE 1.2		
A. VERIFY COMPLIANCE OF DECK AND ALL DECK ACCESSORIES INSTALLATION WITH CONSTRUCTION DOCUMENTS.	P	P
B. VERIFY DECK MATERIALS ARE REPRESENTED BY MILL CERTIFICATIONS THAT COMPLY WITH THE CONSTRUCTION DOCUCMENTS.	-	P
C. DOCUMENT ACCEPTANCE OR REJECTION OF INSTALLATION OF DECK AND DECK ACCESSORIES.	P	P
3. INSPECTION TASKS PRIOR TO WELDING PER ANSI/SDI TABLE 1.3		
A. WELDING PROCEDURE SPECIFICATIONS (WPS) AVAILABLE.	O	O
B. MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE.	O	O
C. MATERIAL INDENTIFICATION (TYPE/GRADE).	O	O
D. CHECK WELDING EQUIPMENT.	O	O
4. INSPECTION TASKS DURING WELDING PER ANSI/SDI TABLE 1.4		
A. USE OF QUALIFIED WELDERS.	O	O
B. CONTROL AND HANDLING OF WELDING CONSUMABLES.	O	O
C. ENVIRONMENTAL CONDITIONS (WIND SPEED, MOISTURE, TEMPERATURE).	O	O
D. WPS FOLLOWED.	O	O
5. INSPECTION TASKS AFTER WELDING PER ANSI/SDI TABLE 1.5		
A. VERIFY SIZE AND LOCATION OF WELDS, INCLUDING SUPPORT, SIDE-LAP AND PERIMETER WELDS.	P	P
B. WELDS MEET VISUAL ACCEPTANCE CRITERIA.	P	P
C. VERIFY REPAIR ACTIVITIES.	P	P
D. DOCUMENT ACCEPTANCE OR REJECTION OF WELDS.	P	P
6. INSPECTION TASKS PRIOR TO MECHANICAL FASTENING PER ANSI/SDI TABLE 1.6		
A. MANUFACTURER INSTALLATION INSTRUCTIONS AVAILABLE FOR MECHANICAL FASTENERS.	O	O
B. PROPER TOOLS AVAILABLE FOR FASTENER INSTALLATION.	O	O
C. PROPER STORAGE FOR MECHANICAL FASTENERS.	O	O
7. INSPECTION TASKS DURING MECHANICAL FASTENING PER ANSI/SDI TABLE 1.7		
A. FASTENERS ARE POSITIONED AS REQUIRED.	O	O
B. FASTENERS ARE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.	O	O
8. INSPECTION TASKS AFTER MECHANICAL FASTENING PER ANSI/SDI TABLE 1.8		
A. CHECK SPACING, TYPE AND INSTALLATION OF SUPPORT FASTENERS.	P	P
B. CHECK SPACING, TYPE AND INSTALLTION OF SIDE-LAP FASTENERS.	P	P
C. CHECK SPACING, TYPE AND INSTALLATION OF PERIMETER FASTENERS.	P	P
D. VERIFY REPAIR ACTIVITIES.	P	P
E. DOCUMENT ACCEPTANCE OR REJECTION OF MECHANICAL FASTENERS.	P	P

STEEL INSPECTION NOTES CONTINUED:

5. "P" = "PERFORM" = THE INSPSECTOR SHALL PERFORM THESE TASKS FOR EACH PROJECT, WELDED JOINT OR MEMBER.

   "O" = "OBSERVE" = THE INSPECTOR SHALL OBSERVE THE ITEMS ON A RANDOM, DAILY BASIS. OPERATIONS NEED NOT BE DELAYED PENDING OBSERVATIONS.

   "DOC" = "DOCUMENT" = THE INSPECTOR SHALL PREPARE REPORTS INDICATING THE WORK HAS BEEN PERFORMED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. WORK NOT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS SHALL BE NOTED IN THE INSPECTION REPORT.
6. THE SPECIAL INSPECTIONS NOTED IN TABLE ITEMS 2, 3 AND 4 ARE NOT REQUIRED WHERE THE WORK IS DONE ON THE PREMISES OF A FABRICATOR APPROVED BY THE AHJ TO PERFORM SUCH WORK WITHOUT SPECIAL INSPECTION.
7. WHEN WELDING OF DOUBLER PLATES, CONTINUITY PLATES, OR STIFFENERS HAS BEEN PERFORMED IN THE K-AREA, VISUALLY INSPECT THE WEB K-AREA FOR CRACKS WITHIN 3-INCHES OF THE WELD. THE VISUAL INSPECTION SHALL BE PERFORMED NO SOONER THAN 48 HOURS FOLLOWING COMPLETION OF THE WELDING.
8. AFTER ROLLED HEAVY SHAPES (FLANGE THICKNESS EXCEEDING 2-INCHES) AND BUILT-UP HEAVY SHAPES (PLATE THICKNESS EXCEEDING 2-INCHES) ARE WELDED, VISUALLY INSPECT THE WELD ACCESS HOLE FOR CRACKS.
9. THE SPECIAL INSPECTIONS NOTED IN TABLE ITEMS 5 AND 6 ARE NOT REQUIRED FOR SNUG- TIGHT JOINTS.
10. FOR PRETENSIONED JOINTS AND SLIP-CRITICAL JOINTS, WHEN THE INSTALLER IS USING THE TURN-OF-NUT OR COMBINED METHOD WITH MATCHMARKING TECHNIQUES, THE DIRECT-TENSION-INDICATOR METHOD, OR THE TWIST-OFF-TYPE TENSION CONTROL (TC) BOLT METHOD, THE QCI AND QAI NEED NOT BE PRESENT DURING INSTALLATION OF FASTENERS.
11. FOR PRETENSIONED JOINTS AND SLIP-CRITICAL JOINTS, WHEN THE INSTALLER IS USING TURN-OF-NUT OR COMBINTED METHOD WITHOUT MATCHMARKING, OR THE CALIBRATED WRENCH METHOD, THE QCI AND QAI SHALL BE ENGAGED IN THEIR ASSIGNED INSPECTION DUTIES DURING INSTALLTION OF FASTENERS.

PMA Engineering
6717 Shawnee Mission Pkwy
Suite 100, Overland Park, KS 66202
P: (913) 831-1262, F: (913) 831-0148
www.pmaengineering.com

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BY: VARCO PRUDEN BUILDINGS
3200 BELVEDERE DRIVE
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WWW.VARCOPRUDEN.COM

VARCO PRUDEN® Building Solutions. Together.® — A DIVISION OF CERTAINTEED CORP. (OWNER'S REPRESENTATIVE OF RECORD) - IF APPLICABLE

CONVENTIONAL STEEL SERVICES

THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND MAY BE REPRODUCED AS NECESSARY FOR THAT PURPOSE. ALL OTHER REPRODUCTION AND USE FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS

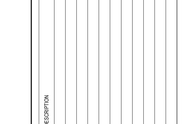
REV	DATE	CREATED BY	REVISION DESCRIPTION

THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS AND WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDINGS ERECTION MANUALS AND ALL OTHER DOCUMENTS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.

THE ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED WITHIN. THE ENGINEER'S SEAL DOES NOT EXTEND TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.

PROJECT: SIGNATURE STWEART (SWF) FBO TERMINAL AND HANGAR
STREET: NEW WINDSOR, NY 12553
BUILDER: YONKERS INDUSTRIES, INC.
SHEET TITLE: GENERAL NOTES

SEAL: It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer, to alter an item in any way.



06.27.2024

NAME:	DAVID M. MCNAUGHTEN
LICENSE NO:	083727
DISCIPLINE:	STRUCTURAL ENGINEERING
COMPANY:	PMA ENGINEERING
DRAWING SCALE:	AS NOTED
DESIGNED BY/ CHECKED BY:	DLH / FHS
RELEASE:	100% PERMIT SET
DATE:	06/27/2024
SHEET NO:	SB-002
ORDER NO:	24-008523

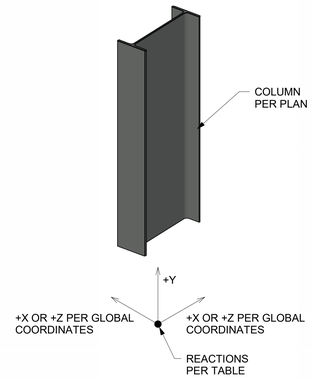
REACTIONS

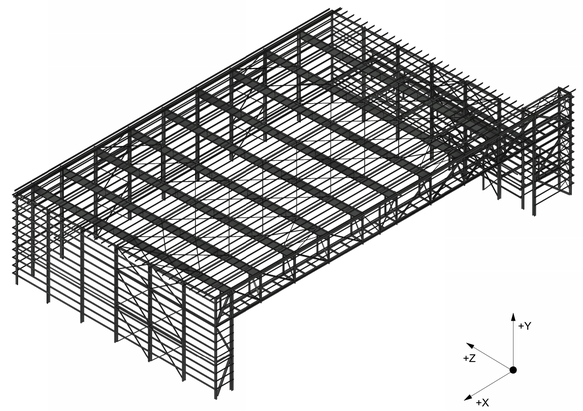
COLUMN	LOAD TYPE		DEAD LOAD	COLLAT LOAD	ROOF LIVE LOAD	SNOW LOAD	WIND W-E DOOR CLOSED	WIND E-W DOOR CLOSED	WIND N-S DOOR CLOSED	WIND N-S DOOR OPEN	WIND S-N DOOR CLOSED	WL X ECC DOOR CLOSED	WL Z ECC DOOR CLOSED	WL Z ECC DOOR OPEN	WIND INT DOOR CLOSED	WIND INT DOOR OPEN	SEISMIC X	SEISMIC Z
			(DL)	(CL)	(RLL)	(SL)	(+WXc)	(-WXc)	(+WZc)	(+WZo)	(-WZc)	(WXc E)	(WZc E)	(WZo E)	(Wic)	(Wio)	(EX)	(EZ)
A.1-1.1	SHEAR X		0.0	0.0	0.0	0.0	-0.6	0.0	1.0	1.0	1.0	-0.2	0.0	0.0	-0.3	0.9 R	0.0	0.0
	SHEAR Z		0.0	0.0	0.0	0.0	-1.8	-1.8	-1.0	-1.0	1.3	0.0	0.6 R	0.6 R	0.5 R	1.7 R	0.0	0.0
	VERTICAL	MAX	3.5	1.4	3.4	8.7	0.1	0.0	0.0	-0.9	0.0	0.1	0.0	0.0	1.0	3.1	0.0	0.0
		MIN	3.5	1.4	0.0	3.6	-4.1	-1.5	-1.4	-0.9	-4.3	-0.1	0.0	0.0	-1.0	-3.1	0.0	0.0
A.1-2.1	SHEAR X		0.0	0.0	0.0	0.0	-0.2	0.1	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	-0.1	-0.1	0.0
	SHEAR Z		0.0	0.0	0.0	0.0	-3.2	-3.2	-2.8	-2.8	3.1	0.0	1.8 R	1.5 R	1.0 R	3.1 R	0.0	-0.2
	VERTICAL	MAX	9.5	3.6	6.2	15.8	0.7	0.0	0.0	-2.0	0.0	0.7	0.0	0.0	2.0	6.1	0.2	0.0
		MIN	9.5	2.8	0.0	6.5	-6.8	-3.4	-3.0	-2.0	-8.2	-0.7	0.0	0.0	-2.0	-6.1	-0.2	0.0
A.1-3	SHEAR X		0.1	0.0	0.1	0.3	-0.1	-0.1	-0.1	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
	SHEAR Z		0.1	0.0	0.1	0.2	-13.9	-13.9	-10.1	-9.8	13.1	0.0	7.8 R	5.9 R	4.2 R	12.8 R	0.0	0.4 R
	VERTICAL	MAX	34.8	28.0	36.6	40.3	-0.8	0.0	-0.2	-7.0	0.4	0.8	1.2	0.4	9.9	31.8	0.2	0.2
		MIN	34.8	17.5	0.0	38.7	-46.3	-14.1	-26.5	-8.0	-36.4	-0.8	-1.2	-0.4	-9.8	-30.8	-0.2	-0.2
A.1-4	SHEAR X		1.5	1.2	1.6	1.7	-34.1	15.4	1.1	2.0	-1.5	6.9 R	0.8 R	0.7 R	-0.1	0.0	9.5 R	-0.3
	SHEAR Z		0.1	0.0	0.1	0.1	-14.3	-13.9	-10.2	-9.9	13.4	0.0	7.9 R	6.0 R	4.2 R	13.0 R	0.0	0.4 R
	VERTICAL	MAX	36.9	29.0	37.3	40.5	-35.9	56.8	0.2	-0.3	-1.1	24.4	5.4	4.2	9.8	30.0	39.2	1.9
		MIN	36.9	18.2	-0.6	39.4	-111.7	30.8	-20.7	-1.4	-43.8	-24.8	-5.4	-4.1	-9.8	-29.4	-39.8	-2.1
A.1-5	SHEAR X		-1.8	-1.5	-1.9	-2.0	-15.4	16.7	4.5	3.7	2.5	7.3 R	0.7 R	0.7 R	1.1 R	3.7 R	9.5 R	-0.3
	SHEAR Z		0.0	0.0	0.0	0.0	-13.8	-14.3	-10.4	-10.3	13.4	0.0	7.9 R	6.0 R	4.2 R	13.0 R	0.0	-0.4
	VERTICAL	MAX	37.4	30.3	37.6	39.5	58.5	-30.8	-1.0	-18.1	2.1	24.8	2.7	2.9	11.2	37.1	39.8	2.7
		MIN	37.4	18.9	-0.6	39.3	35.9	-77.8	-39.0	-22.2	-31.3	-24.4	-2.8	-3.0	-11.2	-37.7	-39.2	-2.5
A.1-6	SHEAR X		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
	SHEAR Z		0.1	0.0	0.1	0.1	-14.1	-14.1	-10.4	-10.1	13.4	0.0	0.0	0.0	4.2 R	13.0 R	0.0	0.4 R
	VERTICAL	MAX	35.4	29.4	37.7	40.9	0.0	0.0	-0.4	-9.0	0.4	0.0	0.0	0.0	10.5	33.2	0.0	0.2
		MIN	35.4	18.4	0.0	39.8	-25.2	-17.7	-29.5	-10.3	-38.0	0.0	0.0	0.0	-10.5	-33.3	0.0	-0.2
A.1-7	SHEAR X		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
	SHEAR Z		0.2	0.0	0.1	0.3	-14.1	-14.1	-10.4	-10.0	13.3	0.0	7.9 R	6.0 R	4.2 R	13.0 R	0.0	0.4 R
	VERTICAL	MAX	37.6	29.4	38.7	43.2	0.0	0.0	-0.4	-7.8	0.4	0.0	1.3	0.5	10.5	33.3	0.0	0.2
		MIN	37.6	18.4	0.0	41.1	-21.0	-26.0	-30.4	-9.2	-38.8	0.0	-1.3	-0.5	-10.5	-33.3	0.0	-0.2
A.1-8	SHEAR X		1.3	1.0	1.4	1.5	-30.9	16.6	-3.2	-2.4	-4.4	6.8 R	0.7 R	0.6 R	1.1 R	3.5 R	9.5 R	-0.1
	SHEAR Z		0.1	0.0	0.1	0.1	-14.3	-13.9	-10.4	-10.1	13.5	0.0	7.9 R	6.0 R	4.2 R	13.0 R	0.0	0.4 R
	VERTICAL	MAX	36.1	28.1	36.3	39.6	-32.2	61.7	-2.0	-13.0	2.2	24.3	1.9	1.9	11.3	36.8	40.2	0.7
		MIN	36.1	17.5	-0.6	38.4	-78.5	34.3	-34.0	-14.8	-41.0	-24.1	-1.4	-1.6	-11.3	-36.9	-39.0	-0.5
A.1-9	SHEAR X		-2.0	-1.7	-2.1	-2.2	-14.7	17.6	-0.2	-0.9	-1.8	6.6 R	0.8 R	0.6 R	-0.1	-0.2	9.5 R	-0.1
	SHEAR Z		0.1	0.0	0.1	0.1	-13.9	-14.3	-10.3	-10.0	13.3	0.0	7.9 R	6.0 R	4.2 R	13.0 R	0.0	0.4 R
	VERTICAL	MAX	40.2	31.1	39.6	42.7	56.4	-34.3	1.2	-5.4	-1.2	24.0	4.0	2.9	9.8	30.3	39.0	-0.1
		MIN	40.2	19.5	-0.6	41.8	32.3	-107.1	-25.8	-6.3	-35.1	-24.3	-4.4	-3.2	-9.8	-30.1	-40.2	-0.1
A.1-10	SHEAR X		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
	SHEAR Z		0.1	0.0	0.1	0.1	-13.2	-13.1	-9.6	-9.3	12.4	0.0	7.4 R	5.6 R	3.9 R	12.1 R	0.0	-0.4
	VERTICAL	MAX	32.3	26.5	34.2	37.2	-0.1	0.0	-0.4	-8.4	0.4	0.1	1.3	1.0	9.3	29.0	0.0	0.2
		MIN	32.3	16.6	0.0	36.1	-13.8	-41.1	-25.9	-8.8	-34.5	-0.1	-1.3	-1.0	-9.4	-29.2	0.0	-0.2
A.1-11.1	SHEAR X		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
	SHEAR Z		0.0	0.0	0.0	0.0	-9.3	-9.4	-6.7	-6.7	8.8	0.0	5.3 R	4.0 R	2.8 R	8.7 R	0.0	-0.2
	VERTICAL	MAX	24.8	19.6	24.5	25.7	0.0	0.0	0.0	-6.2	0.3	0.0	0.2	0.2	7.4	23.5	0.0	0.1
		MIN	24.8	12.3	0.0	25.7	-10.5	-32.8	-16.9	-6.2	-25.0	0.0	-0.3	-0.2	-7.3	-21.7	0.0	-0.1
A.1-11.9	SHEAR X		0.0	0.0	0.0	0.0	-1.0	1.7	-2.0	-2.0	-2.0	1.2 R	0.0	0.0	0.6 R	1.9 R	0.0	0.0
	SHEAR Z		0.0	0.0	0.0	0.0	-1.0	-1.0	-0.7	-0.7	0.9	0.0	0.5 R	0.4 R	-0.3	1.0 R	0.0	0.0
	VERTICAL	MAX	5.6	1.1	1.4	1.4	0.0	0.0	0.0	-0.3	0.0	0.0	0.0	0.0	0.4	1.3	0.0	0.0
		MIN	5.6	0.7	0.0	1.4	-0.6	-1.7	-0.6	-0.4	-1.7	0.0	0.0	0.0	-0.4	-1.3	0.0	0.0
A.7-1.1	SHEAR X		-0.1	0.0	-0.1	-0.1	-1.3	0.8	1.5	1.4	1.5	0.7 R	0.0	0.0	0.4 R	1.3 R	0.0	0.0
	SHEAR Z		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	VERTICAL	MAX	1.1	0.0	0.3	0.6	0.4	0.4	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		MIN	1.1	0.0	0.0	0.4	-0.4	-0.4	-0.4	0.4	-0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
B-1.1	SHEAR X		-0.4	0.0	-0.3	-0.6	-1.3	0.9	2.5	1.6	2.6	0.5 R	0.0	0.0	0.6 R	1.9 R	-0.1	0.0
	SHEAR Z		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
	VERTICAL	MAX	7.1	2.8	8.3	17.8	0.2	0.0	0.1	-0.1	-0.1	0.2	0.2	0.1	2.1	6.5	0.0	0.0
		MIN	7.1	2.8	0.0	9.0	-10.1	-4.7	-5.3	-0.1	-10.9	-0.2	-0.2	-0.1	-2.1	-6.5	0.0	0.0
B-2.1	SHEAR X		0.3	0.0	0.3	0.5	-14.9	8.6	9.9	10.6	10.8	8.8 R	0.0	0.0	3.1 R	9.6 R	1.1 R	0.0
	SHEAR Z		0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.2	0.2	0.0	-0.1	-0.1	0.0	-0.1	0.0	-0.1
	VERTICAL	MAX	14.0	7.5	13.0	31.8	-0.2	0.0	0.1	-2.9	-0.1	0.2	0.2	0.1	3.8	11.5	0.0	0.0
		MIN	14.0	5.8	0.0	13.6	-16.5	-5.3	-7.0	-2.9	-16.6	-0.2	-0.2	-0.1	-3.8	-11.7	0.0	0.0
B-11.9	SHEAR X		0.0	0.0	0.0	0.0	-6.9	13.0	-13.8	-13.8	-13.8	8.3 R	0.0	0.0	4.2 R	12.8 R	-0.3	0.0
	SHEAR Z		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
	VERTICAL	MAX	10.0	2.3	2.8	3.0	0.0	0.0	0.0	-0.8	0.0	0.0	0.0	0.0	0.8	2.3	0.0	0.0
		MIN	10.0	1.4	0.0	3.0	-1.2	-3.2	-1.8	-0.8	-3.8	0.0	0.0	0.0	-0.9	-2.8	0.0	0.0
C-1.1	SHEAR X		-0.6	0.0	-0.5	-1.0	-2.4	1.6	3.8	2.5	3.9	1.1 R	0.0	0.0	0.9 R	3.0 R	-0.1	0.0
	SHEAR Z		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
	VERTICAL	MAX	9.0	2.9	9.3	19.7	0.1	0.8	-0.1	0.2	0.7	0.2	0.2	0.1	2.2	6.7	0.0	0.0
		MIN	9.0	2.9	0.0	10.1	-11.9	-5.1	-7.6	0.2	-11.3	-0.2	-0.2	-0.1	-2.2	-6.7	0.0	0.0
C-2.1	SHEAR X		0.4	0.0	0.4	0.7	-18.5	11.0	10.4	11.4	11.4	10.9 R	0.0	0.0	3.3 R	10.2 R	1.2 R	0.0
	SHEAR Z		0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.2	0.2	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1
	VERTICAL	MAX	14.8	7.8	13.4	32.9	0.1	0.0	-0.1	-3.5	0.1	0.2	0.2	0.1	3.9	11.8	0.0	0.0
		MIN	14.8	6.0	0.0	14.1	-16.1	-6.0	-9.5	-3.5	-16.3	-0.2	-0.2	-0.1	-3.9	-12.2	0.0	0.0
C-11.9	SHEAR X		0.0	0.0	0.0	0.0	-7.3	13.7	-14.5	-14.5	-14.6	8.7 R	0.0	0.0	4.4 R	13.4 R	-0.3	0.0
	SHEAR Z		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
	VERTICAL	MAX	10.3	2.4	2.9	3.1	0.0	0.0	0.0	-0.8	0.0	0.0	0.0	0.0	0.8	2.3	0.0	0.0
		MIN	10.3	1.5	0.0	3.1	-1.3	-3.1	-2.4	-0.9	-3.9	0.0	0.0	0.0	-0.9	-3.0	0.0	0.0

(CONTINUED ON FOLLOWING PAGE)

NOTES:

1. ALL REACTION FORCES SHOWN ARE IN KIPS. REACTIONS NOTED WITH "R" ARE REVERSIBLE. PLAN NORTH IS UTILIZED FOR WIND DIRECTIONALITY.
2. ALL REACTIONS ARE DUE TO SERVICE LOADS EXCEPT WIND AND SEISMIC LOADS.
3. SEISMIC LOADS ARE STRENGTH LOADS CALCULATED ACCORDING TO THE INTERNATIONAL BUILDING CODE 2018 (RE: ASCE 7-16) AND SHALL BE MULTIPLIED BY AN OVERSTRENGTH FACTOR OMEGA = 3 OR REDUNDANCY FACTOR RHO = 1.0 WHERE APPLICABLE. SEISMIC LOADS SHOWN SHALL BE MULTIPLIED BY 0.7 FOR ASD COMBINATIONS.
4. WIND LOADS ARE STRENGTH LOADS CALCULATED ACCORDING TO THE INTERNATIONAL BUILDING CODE 2018 (RE: ASCE 7-16). WIND LOADS SHOWN SHALL BE MULTIPLIED BY 0.6 FOR ASD COMBINATIONS.
5. APPLIED FOUNDATION LOADS ARE EQUAL BUT OPPOSITE TO COLUMN REACTIONS SHOWN. ALL VALUES OF ALL REACTIONS SHOWN SHALL BE MULTIPLIED BY (-1) FOR APPLIED FOUNDATION LOADS.
6. REFER TO GLOBAL COORDINATION SYSTEM SHOWN FOR DIRECTION OF SHEAR REACTIONS IN X & Z DIRECTIONS (Y IS VERTICAL, POSITIVE UP).
7. WIND INTERNAL LOADS SHALL BE ADDED (OR SUBTRACTED IF THE LOAD IS REVERSIBLE) TO THE BASE WIND LOAD CASES.
8. WIND ECCENTRIC LOADS ACCOUNT FOR THE TORSIONAL MOMENT (M_T) REQUIRED BY THE DIRECTIONAL ANALYSIS PROCEDURE (RE: ASCE 7-16 CHAPTER 27) AND SHALL BE ADDED (OR SUBTRACTED IF THE LOAD IS REVERSIBLE) TO THE BASE WIND LOAD CASES. REFER TO ASCE 7-16 FIGURE 27.3-8 FOR HOW TO COMBINE BASE WIND LOAD CASES AND WIND ECCENTRIC LOADS. WIND ECCENTRIC LOADS PROVIDED ARE STRENGTH LEVEL AND SHALL BE MULTIPLIED BOTH BY 0.6 FOR ASD COMBINATIONS AND BY 0.75 FOR CASE 2 OR 0.563 FOR CASE 4 PER ASCE 7-16 FIGURE 27.3-8.
9. WIND COMBINATIONS THAT UTILIZE LOADS IN THE N-S DIRECTION (+WZ) SHALL CONSIDER BOTH THE DOOR OPEN AND DOOR CLOSED CASES. FOR N-S (+WZ) DOOR OPEN CASES, THE DOOR OPEN INTERNAL LOAD CASE AND THE WZ DOOR OPEN ECCENTRIC LOAD CASE (AS APPLICABLE) SHALL BE UTILIZED REGARDLESS IF IN COMBINATION WITH W-E (+WX) DOOR CLOSED OR E-W (-WX) DIRECTIONS.





GLOBAL COORDINATION SYSTEM

3 COLUMN REACTIONS SCHEDULE
SB-003

PMA Engineering
6717 Shawnee Mission Pkwy
Suite 100, Overland Park KS 66202
P:(913) 831-1242 F: (913) 831-0148
www.pmaengineering.com
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(PROJECTFP24054)

VARCO PRUDEN BUILDINGS
3200 KIRBY DRIVE, CIRCLE
MEMPHIS, TN. 38125
(901) 748-8000
WWW.VARCOPRUDEN.COM

BY:

VARCO PRUDEN
Building Solutions. Together.®

A DIVISION OF
ELECTRICAL CONTRACTOR "IP" APPROVAL

CONVENTIONAL STEEL SERVICES

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REV	DATE	CREATED BY	REVISION DESCRIPTION

THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS AND METHODS IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDING SPECIFICATIONS, AND ALL OTHER CONTRACT DOCUMENTS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.

THE ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP, AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED IN VP'S PROPOSAL DRAWINGS. SEE VP'S CONTRACT FOR THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.

PROJECT:
SIGNATURE STWEART (SWF) FBO TERMINAL AND HANGARTREET. NEW WINDSOR, NY 12553

BUILDER:
YONKERS INDUSTRIES, INC.

SHEET TITLE:
COLUMN REACTION TABLE

SEAL: It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer, to alter an item in any way.

STATE OF NEW YORK · DAVID M. MCNAGHTEN · 083727 · LICENSED PROFESSIONAL ENGINEER

06.27.2024

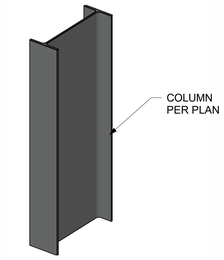
NAME:	DAVID M. MCNAGHTEN
LICENSE NO:	083727
DISCIPLINE:	STRUCTURAL ENGINEERING
COMPANY:	PMA ENGINEERING
DRAWING SCALE:	AS NOTED
DESIGNED BY/ CHECKED BY:	DLH / FHS
RELEASE:	100% PERMIT SET
DATE:	06/27/2024
SHEET NO:	SB-003
ORDER NO:	24-008523

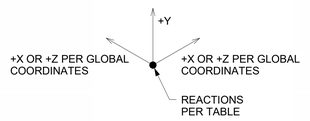
REACTIONS

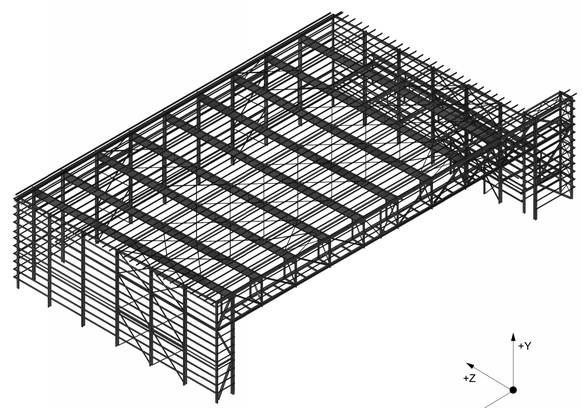
COLUMN	LOAD TYPE		DEAD LOAD (DL)	COLLAT LOAD (CL)	ROOF LIVE LOAD (RLL)	SNOW LOAD (SL)	WIND W-E DOOR CLOSED (+WXc)	WIND E-W DOOR CLOSED (-WXc)	WIND N-S DOOR CLOSED (+WZc)	WIND N-S DOOR OPEN (+WZo)	WIND S-N DOOR CLOSED (-WZc)	WL X ECC DOOR CLOSED (WXc E)	WL Z ECC DOOR CLOSED (WZc E)	WL Z ECC DOOR OPEN (WZo E)	WIND INT DOOR CLOSED (Wlc)	WIND INT DOOR OPEN (Wlo)	SEISMIC X (EX)	SEISMIC Z (EZ)
D-1.1	SHEAR X		-0.4	0.0	-0.4	-0.7	-1.6	1.1	2.9	1.9	2.9	-0.4	0.0	0.0	0.7 R	2.3 R	-0.1	0.0
	SHEAR Z		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
	VERTICAL	MAX	8.7	2.9	8.8	18.8	0.0	0.1	0.1	0.1	-0.1	0.2	0.2	0.1	2.2	6.7	0.0	0.0
		MIN	8.7	2.9	0.0	9.5	-11.1	-4.8	-6.7	0.1	-7.3	-0.2	-0.2	-0.1	-2.2	-6.7	0.0	0.0
D-2.1	SHEAR X		0.4	0.0	0.4	0.7	-17.7	10.4	10.2	11.1	11.7	0.9 R	0.0	0.0	3.3 R	10.3 R	1.4 R	0.0
	SHEAR Z		0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
	VERTICAL	MAX	22.6	10.9	17.3	36.5	2.4	-2.4	129.0	139.7	-56.9	3.8	36.1	25.6	12.5	2.9	1.9	42.8
		MIN	22.6	8.0	-0.2	18.2	-39.2	-38.0	37.2	96.9	-158.7	-3.9	-36.2	-25.7	-12.5	-4.4	-2.3	-44.3
D-11.9	SHEAR X		0.0	0.0	0.0	0.0	-7.6	14.1	-14.1	-14.1	-15.5	0.0	0.0	0.0	4.5 R	13.7 R	0.4 R	0.0
	SHEAR Z		-1.1	-0.5	-0.6	-0.7	9.6	4.5	-10.1	0.4	72.1	0.8 R	15.2 R	12.2 R	1.9 R	3.4 R	1.2 R	13.4 R
	VERTICAL	MAX	15.7	3.8	5.1	5.6	-5.3	4.9	164.7	170.3	-66.3	5.0	64.5	51.6	9.7	10.0	4.9	56.9
		MIN	15.7	2.4	-0.3	5.4	-41.6	-23.1	43.2	126.8	-164.9	-5.0	-65.7	-52.0	-9.8	-11.9	-5.0	-57.8
D.5-1.1	SHEAR X		-0.2	0.0	-0.1	-0.3	-1.4	1.0	1.3	0.9	2.1	0.8 R	0.0	0.0	0.5 R	1.5 R	0.0	0.0
	SHEAR Z		0.6	0.6	0.4	0.4 R	-2.3	1.7	-15.6	-15.6	13.0	-0.1	6.6 R	6.0 R	0.0	0.7 R	1.3 R	2.7 R
	VERTICAL	MAX	-0.2	-1.0	0.0	-0.7	5.7	-1.9	33.5	33.3	-12.0	0.2	14.1	12.7	0.5	2.7	2.7	5.7
		MIN	-0.2	-1.7	-1.5	-1.5	2.5	-3.1	11.3	30.6	-26.7	-0.2	-13.9	-12.6	-0.5	-2.7	-2.2	-5.3
D.5-2.1	SHEAR X		0.0	0.0	0.0	0.0	-0.6	0.4	-0.8	-0.9	1.7	-0.3	0.0	0.0	-0.1	-0.5	-0.1	0.0
	SHEAR Z		-2.0	-1.0	-1.5	-2.3	5.0	7.8	-50.4	-51.7	49.6	1.1 R	14.5 R	10.9 R	2.1 R	6.8 R	0.7 R	14.8 R
	VERTICAL	MAX	6.7	2.6	3.9	6.4	1.4	-1.5	106.8	110.1	-42.8	2.3	29.8	22.4	4.6	13.3	1.2	30.5
		MIN	6.7	1.8	-0.1	4.1	-11.7	-16.8	27.3	76.9	-100.7	-2.3	-29.9	-22.5	-4.6	-13.3	-1.4	-30.6
E-1.1	SHEAR X		-0.2	0.0	-0.1	-0.3	-0.9	0.0	2.3	1.9	1.4	-0.3	0.0	0.0	0.5 R	1.6 R	0.0	0.0
	SHEAR Z		1.5	1.0	1.5	2.1	-3.3	1.2	-15.8	-14.5	12.2	-0.1	6.4 R	5.7 R	-0.4	1.8 R	1.2 R	2.7 R
	VERTICAL	MAX	8.2	4.6	9.8	18.5	-2.3	1.9	-11.4	-31.5	26.3	0.0	14.1	12.7	2.7	9.5	2.1	5.3
		MIN	8.2	3.9	0.0	10.4	-15.1	-1.4	-44.1	-34.2	12.1	-0.1	-14.2	-12.8	-2.7	-9.4	-2.7	-5.8
E-2.1	SHEAR X		0.3	0.0	0.2	0.4	-15.0	8.5	11.9	12.6	10.4	9.0 R	0.0	0.0	3.3 R	10.3 R	1.3 R	0.0
	SHEAR Z		-0.3	-0.3	-0.4	-0.4	3.1	6.1	-43.7	-43.9	45.3	1.0 R	12.9 R	9.8 R	1.5 R	7.1 R	0.6 R	13.1 R
	VERTICAL	MAX	15.3	5.8	10.3	27.3	2.9	8.7	-20.4	-60.5	80.5	1.6	23.4	17.6	0.5	22.9	1.1	24.6
		MIN	15.3	4.6	-0.1	10.8	-8.0	1.2	-90.4	-79.8	34.5	-1.6	-23.3	-17.6	-0.5	-22.9	-1.0	-22.8
E-11.9	SHEAR X		0.0	0.0	0.0	0.0	-7.5	14.3	-15.1	-15.1	-15.2	9.0 R	0.0	0.0	4.5 R	13.9 R	0.5 R	0.0
	SHEAR Z		-0.6	-0.5	-0.8	-0.9	15.7	6.9	-65.6	-66.9	59.2	1.2 R	25.0 R	20.2 R	2.9 R	5.9 R	2.0 R	21.8 R
	VERTICAL	MAX	16.1	2.4	3.0	3.1	-0.1	0.1	5.2	8.5	3.4	0.1	2.1	1.0	1.0	2.3	0.1	1.8
		MIN	16.1	1.5	0.0	3.1	-2.1	-3.6	-1.1	2.0	0.3	-0.1	0.1	-0.5	-1.1	-3.1	-0.1	0.2
E.5-1.1	SHEAR X		-0.2	0.0	-0.1	-0.3	-1.5	0.9	1.7	1.4	1.7	0.8 R	0.0	0.0	0.5 R	1.4 R	0.0	0.0
	SHEAR Z		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	VERTICAL	MAX	1.8	0.0	0.5	1.1	0.6	0.6	0.0	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		MIN	1.8	0.0	0.0	0.7	-0.6	-0.6	-0.6	0.6	-0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E.5-2.1	SHEAR X		0.0	0.0	0.0	0.0	-0.5	0.0	-0.2	-0.2	1.2	-0.2	0.0	0.0	-0.1	-0.5	-0.1	0.0
	SHEAR Z		-1.4	-0.7	-1.1	-1.7	3.3	5.3	-36.8	-37.7	34.4	0.8 R	10.6 R	8.0 R	1.4 R	5.1 R	0.5 R	10.6 R
	VERTICAL	MAX	5.1	1.7	2.6	4.7	0.9	-0.9	73.2	75.6	-28.1	1.4	19.9	15.1	2.7	9.0	0.7	19.5
		MIN	5.1	1.2	-0.1	2.8	-6.8	-10.0	17.5	53.2	-60.1	-1.5	-19.9	-15.1	-2.7	-9.0	-0.9	-19.8
F1.1	SHEAR X		0.0	0.0	0.0	0.0	-1.1	0.0	1.7	1.7	1.7	0.4 R	0.0	0.0	0.5 R	1.6 R	0.0	0.0
	SHEAR Z		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	VERTICAL	MAX	4.0	2.3	5.8	12.7	0.2	0.0	0.0	-1.5	0.0	0.2	0.0	0.0	1.8	5.4	0.0	0.0
		MIN	4.0	2.3	0.0	6.1	-7.1	-2.6	-7.4	-1.5	-3.6	-0.2	0.0	0.0	-1.8	-5.4	0.0	0.0
F-2.1	SHEAR X		0.1	0.0	0.1	0.1	-12.2	6.7	9.7	10.0	7.8	7.5 R	0.0	0.0	2.8 R	8.6 R	1.0 R	0.0
	SHEAR Z		-0.3	-0.4	-0.4	-0.5	3.7	6.9	-46.5	-46.8	43.3	1.0 R	12.8 R	9.6 R	1.7 R	6.8 R	0.6 R	13.2 R
	VERTICAL	MAX	8.8	1.9	4.9	19.0	23.1	39.7	-60.3	-172.3	215.7	5.3	61.7	45.0	8.7	37.3	3.5	68.3
		MIN	8.8	1.9	-0.4	5.0	-3.6	3.6	-255.2	-250.0	91.3	-5.3	-61.6	-45.0	-8.7	-37.1	-2.8	-68.4
F-11.9	SHEAR X		0.0	0.0	0.0	0.0	-7.2	14.0	-15.7	-15.7	-14.0	8.9 R	0.0	0.0	4.5 R	13.7 R	0.4 R	0.0
	SHEAR Z		0.4	-0.2	-0.3	-0.4	9.4	4.1	-79.6	-81.2	15.1	0.8 R	15.1 R	12.1 R	1.8 R	3.6 R	1.2 R	13.3 R
	VERTICAL	MAX	13.2	0.8	0.8	0.7	38.7	17.4	-42.7	-127.5	151.6	4.7	63.5	50.9	7.9	16.1	5.0	55.8
		MIN	13.2	0.5	-0.5	0.5	5.4	-4.8	-175.7	-176.1	63.9	-4.8	-64.5	-51.1	-7.9	-15.6	-4.9	-56.9
F.6-1.1	SHEAR X		0.0	0.0	0.0	0.0	-1.3	1.2	-1.3	-0.8	3.0	1.1 R	-0.1	-0.1	0.6 R	2.1 R	-0.1	0.0
	SHEAR Z		2.1	1.5	2.0	2.2	0.6 R	-1.1	2.3 R	1.6	3.6	-0.3	2.6 R	2.5 R	0.4 R	1.4 R	0.4 R	0.8 R
	VERTICAL	MAX	-20.0	-11.6	0.0	-20.7	32.7	-7.4	90.4	82.5	-33.5	1.0	36.1	34.2	4.8	22.3	12.3	14.0
		MIN	-20.0	-18.7	-22.8	-24.0	12.0	-14.8	32.3	69.1	-71.6	-0.9	-34.9	-33.6	-4.9	-22.6	-8.9	-11.0
F.6-1.9	SHEAR X		0.0	0.0	0.0	0.0	0.1	-3.5	1.5	5.8	5.2	1.7	1.8 R	0.0	0.0	0.8 R	2.5 R	-0.4	0.0
	SHEAR Z		-0.1	-0.1	-0.1	-0.1	-2.2	-2.2	-1.6	-1.7	2.3	0.0	1.3 R	1.0 R	0.6 R	2.0 R	0.0	-0.2
	VERTICAL	MAX	12.2	1.9	3.5	10.5	-0.1	0.0	0.0	-0.8	0.0	0.0	0.0	0.0	1.1	3.2	0.0	0.0
		MIN	12.2	1.6	0.0	3.6	-5.1	-1.5	-4.7	-0.8	-1.7	0.0	0.0	0.0	-1.1	-3.6	0.0	0.0
F.9-1.1	SHEAR X		46.7	30.8	38.7	40.6	-90.4	49.1	-37.2	-5.6	-24.8	17.8 R	2.6 R	2.4 R	10.6 R	31.7 R	43.1 R	0.4
	SHEAR Z		0.1	-0.1	0.0	0.3	1.7	1.5	-4.6	-4.3	3.4	0.0	2.2 R	2.2 R	0.5 R	1.6 R	0.0	0.5 R
	VERTICAL	MAX	-16.8	-11.4	0.3	-22.8	-66.5	130.0	-25.2	-49.6	97.3	28.3	28.1	26.1	9.6	20.7	81.3	10.7
		MIN	-16.8	-18.5	-22.5	-23.6	-116.9	58.0	-38.8	-64.8	29.1	-28.2	-29.3	-26.9	-9.6	-21.8	-85.3	-13.3
F.9-1.9	SHEAR X		-0.6	-0.3	-0.4	-0.5	0.6	-0.2	0.4	0.2	0.0	-0.1	0.0	0.0	-0.1	-0.4	-0.1	0.0
	SHEAR Z		-0.2	-0.3	-0.4	-0.4	5.3	5.0	-4.6	-4.7	4.6	0.0	2.7 R	2.7 R	1.6 R	4.9 R	0.0	0.4 R
	VERTICAL	MAX	279.9	162.6	203.1	213.2	51.0	-46.2	-4.6	-54.0	4.9	27.7	7.2	7.8	62.2	188.2	68.3	1.0
		MIN	279.9	101.6	-0.1	213.2	-87.1	-203.1	-221.7	-59.5	-141.2	-27.8	-7.0	-7.7	-62.1	-185.6	-67.7	-1.4
F.9-11.1	SHEAR X		0.8	0.4	0.6	0.6	0.5	-0.9	-0.5	-0.2	-0.5	-0.1	0.0	0.0	-0.2	0.6 R	-0.3	0.0
	SHEAR Z		1.0	1.1	1.4	1.5	2.9 R	5.6	-5.7	-4.2	5.5	1.2 R	3.3 R	3.4 R	1.7 R	5.8 R	0.4 R	1.2 R
	VERTICAL	MAX	230.2	132.5	165.8	174.2	-46.4	47.3	-1.2	-45.8	1.9	27.8	2.3	0.5	50.6	154.2	62.4	2.0
		MIN	230.2	82.8	-0.1	174.1	-178.1	-65.0	-180.0	-47.8	-115.3	-27.8	-2.4	-0.6	-50.5	-152.7	-62.2	-2.2
F.9-11.9	SHEAR X		-45.6	-30.0	-37.4	-39.3	-25.0	63.3	33.0	2.4	25.7	12.8 R	-0.3	-0.1	10.0 R	29.6 R	22.5 R	0.6 R
	SHEAR Z		-0.1	-0.1	-0.1	-0.1	1.0	1.3	-1.0	-0.8	0.8	0.0	0.5 R	0.5 R	-0.3	1.1 R	0.0	-0.1
	VERTICAL	MAX	11.3	1.9	2.1	2.2	98.6	-50.7	5.5	9.0	-2.2	29.1	1.3	0.5	0.1	1.0	66.9	1.7
		MIN	11.3	1.2	-0.8	2.2	49.8	-100.1	1.8	7.8	-7.3	-29.2	-1.1	-0.4	0.0	-0.7	-67.1	-1.5

NOTES:

1. ALL REACTION FORCES SHOWN ARE IN KIPS. REACTIONS NOTED WITH "R" ARE REVERSIBLE. PLAN NORTH IS UTILIZED FOR WIND DIRECTIONALITY.
2. ALL REACTIONS ARE DUE TO SERVICE LOADS EXCEPT WIND AND SEISMIC LOADS.
3. SEISMIC LOADS ARE STRENGTH LOADS CALCULATED ACCORDING TO THE INTERNATIONAL BUILDING CODE 2018 (RE: ASCE 7-16) AND SHALL BE MULTIPLIED BY AN OVERSTRENGTH FACTOR OMEGA = 3 OR REDUNDANCY FACTOR RHO = 1.0 WHERE APPLICABLE. SEISMIC LOADS SHOWN SHALL BE MULTIPLIED BY 0.7 FOR ASD COMBINATIONS.
4. WIND LOADS ARE STRENGTH LOADS CALCULATED ACCORDING TO THE INTERNATIONAL BUILDING CODE 2018 (RE: ASCE 7-16). WIND LOADS SHOWN SHALL BE MULTIPLIED BY 0.6 FOR ASD COMBINATIONS.
5. APPLIED FOUNDATION LOADS ARE EQUAL BUT OPPOSITE TO COLUMN REACTIONS SHOWN. ALL VALUES OF ALL REACTIONS SHOWN SHALL BE MULTIPLIED BY (-1) FOR APPLIED FOUNDATION LOADS.
6. REFER TO GLOBAL COORDINATION SYSTEM SHOWN FOR DIRECTION OF SHEAR REACTIONS IN X & Z DIRECTIONS (Y IS VERTICAL, POSITIVE UP).
7. WIND INTERNAL LOADS SHALL BE ADDED (OR SUBTRACTED IF THE LOAD IS REVERSIBLE) TO THE BASE WIND LOAD CASES.
8. WIND ECCENTRIC LOADS ACCOUNT FOR THE TORSIONAL MOMENT (M_T) REQUIRED BY THE DIRECTIONAL ANALYSIS PROCEDURE (RE: ASCE 7-16 CHAPTER 27) AND SHALL BE ADDED (OR SUBTRACTED IF THE LOAD IS REVERSIBLE) TO THE BASE WIND LOAD CASES. REFER TO ASCE 7-16 FIGURE 27.3-8 FOR HOW TO COMBINE BASE WIND LOAD CASES AND WIND ECCENTRIC LOADS. WIND ECCENTRIC LOADS PROVIDED ARE STRENGTH LEVEL AND SHALL BE MULTIPLIED BOTH BY 0.6 FOR ASD COMBINATIONS AND BY 0.75 FOR CASE 2 OR 0.563 FOR CASE 4 PER ASCE 7-16 FIGURE 27.3-8.
9. WIND COMBINATIONS THAT UTILIZE LOADS IN THE N-S DIRECTION (+WZ) SHALL CONSIDER BOTH THE DOOR OPEN AND DOOR CLOSED CASES. FOR N-S (+WZ) DOOR OPEN CASES, THE DOOR OPEN INTERNAL LOAD CASE AND THE WZ DOOR OPEN ECCENTRIC LOAD CASE (AS APPLICABLE) SHALL BE UTILIZED REGARDLESS IF IN COMBINATION WITH W-E (+WX) DOOR CLOSED OR E-W (-WX) DIRECTIONS.







GLOBAL COORDINATION SYSTEM

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REV	DATE	CREATED BY	REVISION DESCRIPTION

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PROJECT: SIGNATURE STWEART (SWF) FBO TERMINAL AND HANGARTREET. NEW WINDSOR, NY 12553

BUILDER: YONKERS INDUSTRIES, INC.

SHEET TITLE: COLUMN REACTION TABLE

SEAL: It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer, to alter an item in any way.

STATE OF NEW YORK · DAVID M. MCNAGHTEN · 083727 · LICENSED PROFESSIONAL ENGINEER

06.27.2024

NAME: DAVID M. MCNAGHTEN
LICENSE NO: 083727
DISCIPLINE: STRUCTURAL ENGINEERING
COMPANY: PMA ENGINEERING
DRAWING SCALE: AS NOTED
DESIGNED BY / CHECKED BY: DLH / FHS
RELEASE: 100% PERMIT SET
DATE: 06/27/2024
SHEET NO: SB-004
ORDER NO: 24-008523

MINIMUM CONNECTION SCHEDULE		
BEAM SIZE	MINIMUM "N" QUANTITY 3/4" BOLTS IN WEB	MINIMUM LENGTH, "L" (IN)
W8	2	6
W10	2	6
W12	2	6
W14	2	6
W16	3	9
W18	3	9
W21	4	12
W24	4	12
W27	5	15
W30	5	15
W33	6	18
60" 3 PL GIRDER	7	40

REFERENCE NOTES:

- A — BEAM SIZE PER SCHEDULE (TYP).
- B — PERPENDICULAR BEAM AS OCCURS (NOT SHOWN).
- C — 3/16" CAP PLATE @ T.O. COL, SEAL WELD ALL AROUND.
- D — "N" QUANTITY OF 3/4" BOLTS @ 3" O.C. IN HORIZ SSL HOLES.
- E — 3/4" Ø BOLTS IN STD HOLES.
- F — 5/16" MIN THICKNESS DBL CLIP ANGLES OR BENT PLATE.
- G — WIDE FLANGE COLUMN.

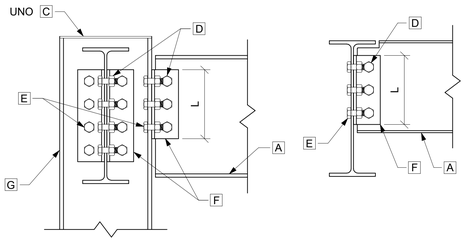
NOTES:

CONNECTIONS SHOWN IN THIS DETAIL ARE CONSIDERED MINIMUM REQUIREMENTS.

FABRICATOR SHALL BE RESPONSIBLE FOR DESIGN AND DETAIL OF EACH CONNECTION FOR LOADS SHOWN ON PLANS IN ACCORDANCE WITH THE SPECIFICATION AND THE GENERAL STRUCTURAL NOTES.

SUGGESTED CONNECTION DETAILS ARE SHOWN.

FABRICATOR MAY OPT TO USE OTHER AISC APPROVED CONNECTIONS IN LIEU OF THESE SHOWN HEREIN.



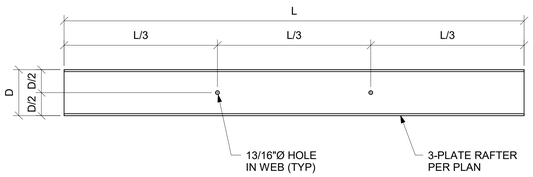
BEAM-TO-COL

BEAM-TO-BEAM

SCHEDULE NOTES:

1. ALL BOLTS SHALL BE 3/4" Ø ASTM A325.
2. ALL BOLTS SHALL HAVE HEAVY HEX NUTS.
3. NUTS SHALL BE TIGHTENED TO SNUG TIGHT CONDITION.
4. CLIP ANGLES MAY BE SHOP WELDED TO BEAM WEB PER AISC.
5. FOR BEAMS WITH AXIAL LOADS PER PLAN, BOLTS AND CONNECTIONS SHALL BE SLIP-CRITICAL PER AISC GUIDELINES.

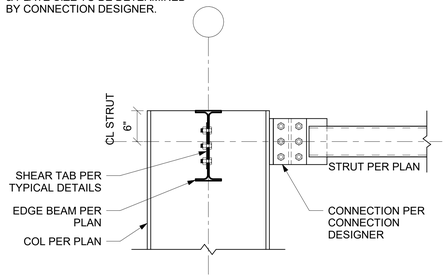
1 SB-010 BEAM CONNECTION DETAILS N.T.S.



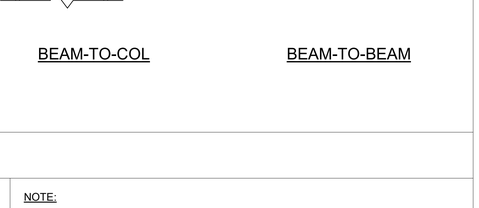
2 SB-010 3-PLATE RAFTER WEB DRAINAGE HOLE DETAIL N.T.S.

NOTE:

FINAL BOLT ARRANGEMENT & PLATE SIZE TO BE DETERMINED BY CONNECTION DESIGNER.



3 SB-010 CONNECTION DETAIL N.T.S.



TYPICAL 3-PLATE MEMBER DESIGNATION:

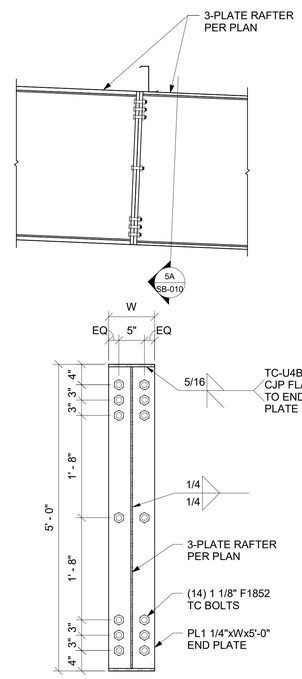
BU##x##-##-##

- WEB THICKNESS (IN 16TH'S OF AN INCH)
- TYP. FLANGE THICKNESS (IN 16TH'S OF AN INCH)
- TYP. FLANGE (IN INCHES)
- OVERALL DEPTH (IN INCHES)

NOTES:

1. REFER TO GENERAL NOTES FOR MATERIAL SPECIFICATION REQUIREMENTS.
2. ALL WELDED SPLICES SHALL BE FULL PENETRATION WELDED SPLICES.
3. PROVIDE (2) 13/16"Ø HOLES IN WEB OF ALL 3-PLATE RAFTERS FOR WATER DRAINAGE DURING STORAGE ON SITE. HOLES SHALL BE LOCATED AT THIRD POINTS ALONG RAFTER SPAN AND AT MID-DEPTH OF WEB. RE: 2/SB-010

4 SB-010 TYPICAL DETAIL - BUILT-UP MEMBER CLASSIFICATION N.T.S.



SECTION A

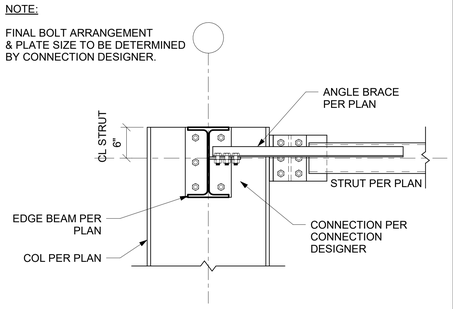
NOTES:

1. REFRENCE ROOF FRAMING PLANS FOR RAFTER SPLICE LOCATIONS.
2. END PLATE WIDTH "W" SHALL BE EQUAL TO RAFTER FLANGE WIDTH (12" MIN).
3. FINAL BOLT ARRANGEMENT, WELDS, & PLATE SIZE TO BE DTERMINED BY CONNECTION DESIGNER.

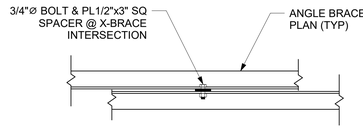
5 SB-010 BUILT-UP RAFTER TYPICAL SPLICE DETAIL N.T.S.

NOTE:

FINAL BOLT ARRANGEMENT & PLATE SIZE TO BE DETERMINED BY CONNECTION DESIGNER.



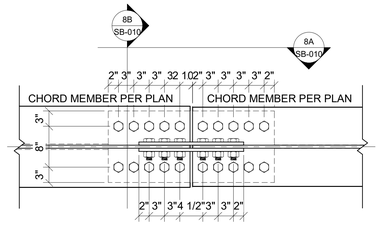
6 SB-010 CONNECTION DETAIL N.T.S.

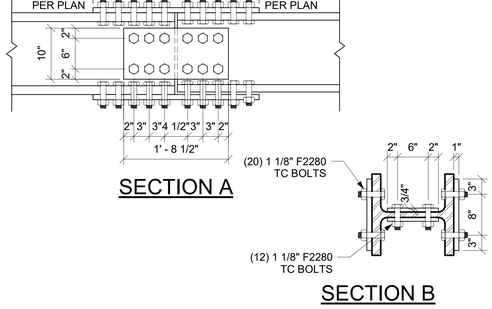


7 SB-010 CONNECTION DETAIL N.T.S.

NOTE:

FINAL BOLT ARRANGEMENT & PLATE SIZE TO BE DETERMINED BY CONNECTION DESIGNER.





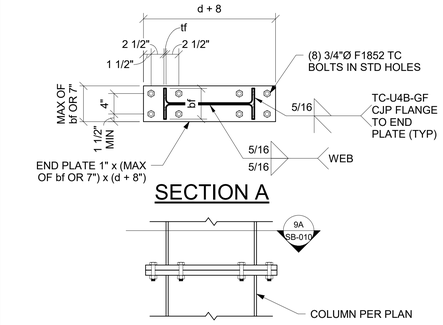
SECTION A

SECTION B

8 SB-010 CHORD SPLICE DETAIL N.T.S.

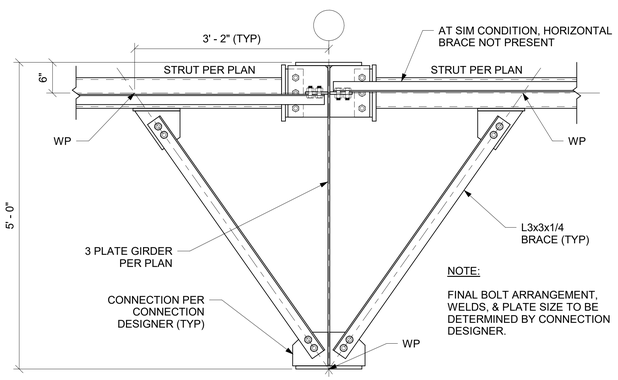
NOTE:

FINAL BOLT ARRANGEMENT, WELDS, & PLATE SIZE TO BE DETERMINED BY CONNECTION DESIGNER.



SECTION A

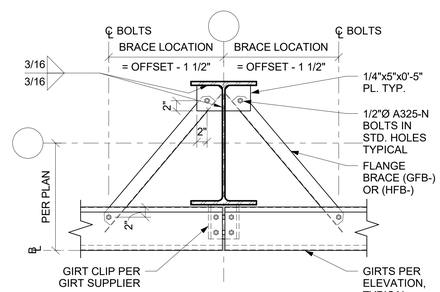
9 SB-010 COL SPLICE DETAIL N.T.S.



NOTE:

FINAL BOLT ARRANGEMENT, WELDS, & PLATE SIZE TO BE DETERMINED BY CONNECTION DESIGNER.

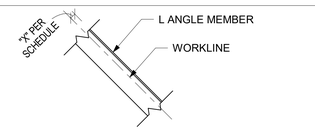
10 SB-010 3 PLATE GIRDER BOTTOM FLANGE BRACE DETAIL N.T.S.



NOTE:

FINAL BOLT ARRANGEMENT, WELDS, & PLATE SIZE TO BE DETERMINED BY CONNECTION DESIGNER.

11 SB-010 COLUMN INSIDE FLANGE BRACE DETAIL N.T.S.

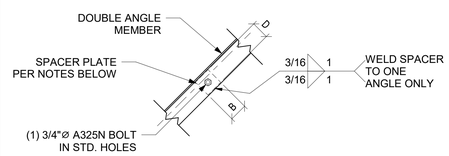


ANGLE SIZE	OFFSET OF ANGLE LEG SURFACE TO WORKLINE, "X" (*)
L3x3	13/16"
L3.5x3.5	1"
L4x4	1 1/8"
L5x5	1 3/8"
L6x6	1 5/8"
L8x8	2 3/8"

(*) NOTE:

DESIGN INTENT IS TO PLACE MEMBER CENTROIDAL AXIS AS CLOSE TO WORKLINE AS POSSIBLE. AT DETAILER'S OPTION, THE Y BAR VALUE LISTED IN TABLE 1-7 OF AISC'S STEEL CONSTRUCTION MANUAL MAY BE USED IN LIEU OF VALUES LISTED IN THE TABLE.

12 SB-010 TYPICAL ANGLE TO WORKLINE DETAIL 1" = 1'-0"



(*) SHEET NOTES:

1. MAX SPACING IS 10 FT OR AT LEAST ONE AT MID-LENGTH.
2. THICKNESS OF SPACER PLATE SHALL BE AS REQUIRED TO MATCH THICKNESS OF GUSSET PLATES AT ENDS OF DOUBLE ANGLE MEMBER.
3. SPACER PLATE DIMENSIONS, B = D =THE WIDTH OF THE LONG LEG OF THE ANGLE MINUS 1".
4. PER AISC 360-16, SECTION E6.1. BOLTED CONNECTIONS SHOWN HERE AND AT THE ENDS OF BOLTED DOUBLE ANGLES SHALL BE PREPARED TO MEET SLIP CRITICAL CLASS A FAYING SURFACE REQUIREMENTS (ALTHOUGH DESIGNED AS BEARING CONNECTIONS). THUS PAINT SHALL BE MASKED WITHIN 3" OF ANY OPEN HOLE AT THE ENDS OF DOUBLE MEMBERS AND AT BOLTED SPACERS OF DOUBLE ANGLES.

13 SB-010 TYPICAL BOLTED SPACER PLATE DETAIL 1" = 1'-0"

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REV	DATE	CREATED BY	REVISION DESCRIPTION

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PROJECT: SIGNATURE STWEART (SWF) FBO TERMINAL AND HANGAR STREET, NEW WINDSOR, NY 12553

BUILDER: YONKERS INDUSTRIES, INC.

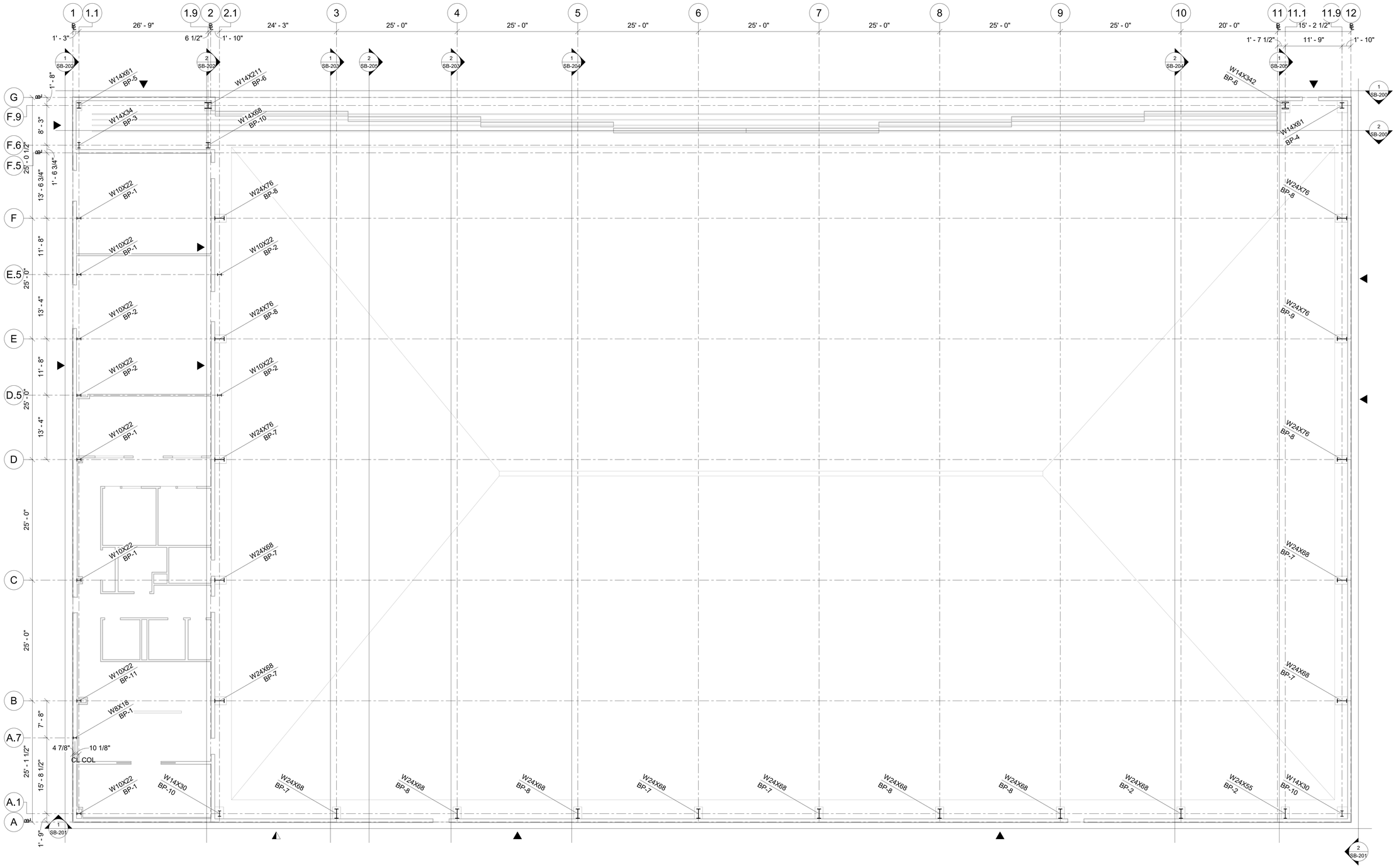
SHEET TITLE: TYPICAL DETAILS

SEAL: It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer, to alter an item in any way.

STATE OF NEW YORK · DAVID M. MCNAGHTEN · 083727 · LICENSED PROFESSIONAL ENGINEER

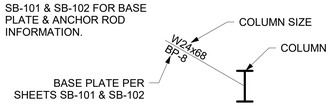
06.27.2024

NAME:	DAVID M. MCNAGHTEN
LICENSE NO:	083727
DISCIPLINE:	STRUCTURAL ENGINEERING
COMPANY:	PMA ENGINEERING
DRAWING SCALE:	AS NOTED
DESIGNED BY/ CHECKED BY:	DLH / FHS
RELEASE:	100% PERMIT SET
DATE:	06/27/2024
SHEET NO:	SB-010
ORDER NO:	24-008523



NOTE:

SEE DETAILS ON SHEETS SB-101 & SB-102 FOR BASE PLATE & ANCHOR ROD INFORMATION.



COLUMN & BASE PLATE LEGEND

NOTES

1. "▲" INDICATES LOCATION OF VERTICAL BRACE.
2. "◭" INDICATES THE LOCATION OF A SWAY BRACE - A VERTICAL BRACE THAT DOES NOT CONTINUE ALL THE WAY TO THE GROUND. REFER TO STEEL FRAMING ELEVATIONS FOR MORE INFORMATION.
3. ANCHOR BOLTS ARE TO BE LOCATED BY MEANS OF A TEMPLATE. DO NOT HAND SET.
4. ANCHOR BOLTS SHOWN ARE DESIGNED TO RESIST TENSILE LOADS AND SOME LATERAL LOADS AND SHALL BE FULLY ENCASED IN CONCRETE (NO SLEEVE ALLOWED).
5. BASE PLATE TYPES ARE INDICATED THUS "BP-1" ON PLAN. SEE SHEETS SB-101 AND SB-102 FOR BASE PLATE AND ANCHOR BOLT DETAILS.
6. UNLESS NOTED OTHERWISE, BOTTOM OF BASE PLATE ELEVATION SHALL BE SET AT ELEVATION (100'-6").
7. BASE PLATE DESIGN ASSUMES THAT THE AREA OF CONCRETE SUPPORTING THE BASE PLATE IS AT LEAST EQUAL TO THE FULL AREA OF THE BASE PLATE.
8. CONCRETE PILASTERS/FOUNDATIONS SHALL BE DESIGNED BY OTHERS TO RESIST ALL TENSION, COMPRESSION AND SHEAR FORCES APPLIED TO THE FOUNDATION SYSTEM.
9. DESIGN OF CONCRETE ANCHORAGE AND ANY REQUIRED REINFORCEMENT OF CONCRETE FOUNDATION TO RESIST DESIGN LOADS (CONCRETE BREAKOUT, PRYOUT, PULLOUT, ETC.) SHALL BE BY OTHERS (NOT BY VARCO PRUDEN).

1 SB-100 OVERALL FOUNDATION PLAN
1/8" = 1'-0"

PLAN NORTH

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BY:

REV	DATE	CREATED BY	REVISION DESCRIPTION

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PROJECT:
SIGNATURE STWEART (SWF) FBO TERMINAL AND HANGARTREET, NEW WINDSOR, NY 12553

BUILDER:
YONKERS INDUSTRIES, INC.

SHEET TITLE:
COLUMN PLAN

SEAL: It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer, to alter an item in any way.

STATE OF NEW YORK · DAVID M. MCNAUGHTEN · 083727 · LICENSED PROFESSIONAL ENGINEER

06.27.2024

NAME:	DAVID M. MCNAUGHTEN
LICENSE NO:	083727
DISCIPLINE:	STRUCTURAL ENGINEERING
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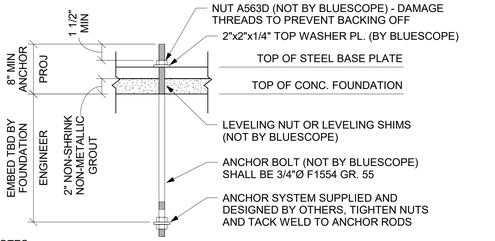
DRAWING SCALE:	AS NOTED
DESIGNED BY/ CHECKED BY:	DLH / FHS
RELEASE:	100% PERMIT SET
DATE:	06/27/2024
SHEET NO:	**SB-100**
ORDER NO:	24-008523

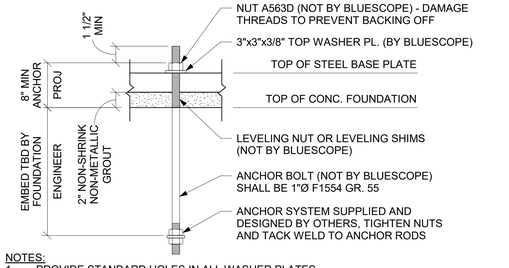
NOTES:
1. BASE PLATE DESIGN ASSUMES FULL BEARING AREA OF BASE PLATE ON CONCRETE BELOW.



NOTES:
1. PROVIDE STANDARD HOLES IN ALL WASHER PLATES.
2. PROVIDE 15/16"Ø OVS HOLES IN BASE PLATE PER AISC 15TH EDITION TABLE 14-2.
3. ANCHOR BOLTS, NUTS, SHIMS, GROUT, AND ANCHOR SYSTEM NOT BY BLUESCOPE.
4. ANCHOR BOLTS SHOWN ARE DESIGNED TO RESIST TENSILE LOADS AND SOME LATERAL LOADS AND SHALL BE FULLY ENCASED IN CONCRETE (NO SLEEVE ALLOWED).

TYPE "A" ANCHOR BOLTS (3/4"Ø)

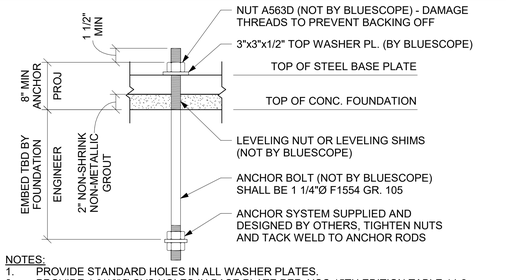
NOTES:
1. BASE PLATE DESIGN ASSUMES FULL BEARING AREA OF BASE PLATE ON CONCRETE BELOW.



NOTES:
1. PROVIDE STANDARD HOLES IN ALL WASHER PLATES.
2. PROVIDE 1 1/4"Ø OVS HOLES IN BASE PLATE PER AISC 15TH EDITION TABLE 14-2.
3. ANCHOR BOLTS, NUTS, SHIMS, GROUT, AND ANCHOR SYSTEM NOT BY BLUESCOPE.
4. ANCHOR BOLTS SHOWN ARE DESIGNED TO RESIST TENSILE LOADS AND SOME LATERAL LOADS AND SHALL BE FULLY ENCASED IN CONCRETE (NO SLEEVE ALLOWED).

TYPE "B" ANCHOR BOLTS (1"Ø)

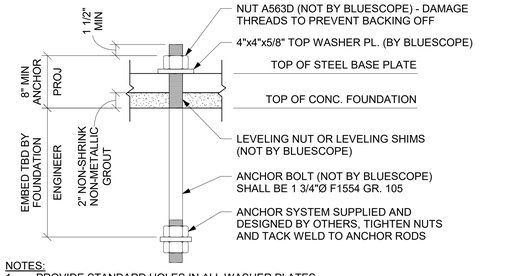
NOTES:
1. BASE PLATE DESIGN ASSUMES FULL BEARING AREA OF BASE PLATE ON CONCRETE BELOW.



NOTES:
1. PROVIDE STANDARD HOLES IN ALL WASHER PLATES.
2. PROVIDE 1 9/16"Ø OVS HOLES IN BASE PLATE PER AISC 15TH EDITION TABLE 14-2.
3. ANCHOR BOLTS, NUTS, SHIMS, GROUT, AND ANCHOR SYSTEM NOT BY BLUESCOPE.
4. ANCHOR BOLTS SHOWN ARE DESIGNED TO RESIST TENSILE LOADS AND SOME LATERAL LOADS AND SHALL BE FULLY ENCASED IN CONCRETE (NO SLEEVE ALLOWED).

TYPE "C" ANCHOR BOLTS (1 1/4"Ø)

NOTES:
1. BASE PLATE DESIGN ASSUMES FULL BEARING AREA OF BASE PLATE ON CONCRETE BELOW.

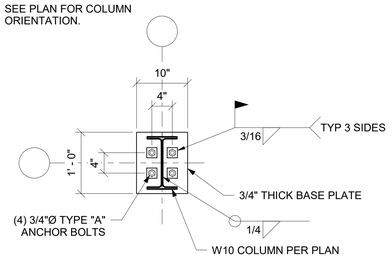


NOTES:
1. PROVIDE STANDARD HOLES IN ALL WASHER PLATES.
2. PROVIDE 2 1/16"Ø OVS HOLES IN BASE PLATE PER AISC 15TH EDITION TABLE 14-2.
3. ANCHOR BOLTS, NUTS, SHIMS, GROUT, AND ANCHOR SYSTEM NOT BY BLUESCOPE.
4. ANCHOR BOLTS SHOWN ARE DESIGNED TO RESIST TENSILE LOADS AND SOME LATERAL LOADS AND SHALL BE FULLY ENCASED IN CONCRETE (NO SLEEVE ALLOWED).

TYPE "D" ANCHOR BOLTS (1 3/4"Ø)

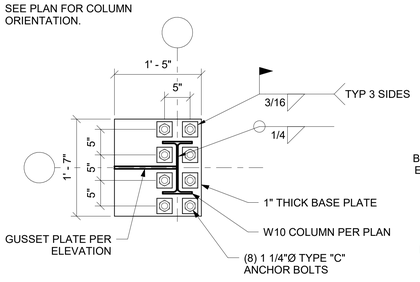
1 ANCHOR BOLTS — SB-101 — N.T.S.

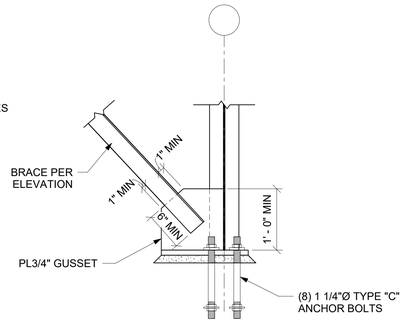
NOTE:
SEE PLAN FOR COLUMN ORIENTATION.



2 — SB-101 — BASE PLATE "BP-1" DETAIL — 1" = 1'-0"

NOTE:
SEE PLAN FOR COLUMN ORIENTATION.

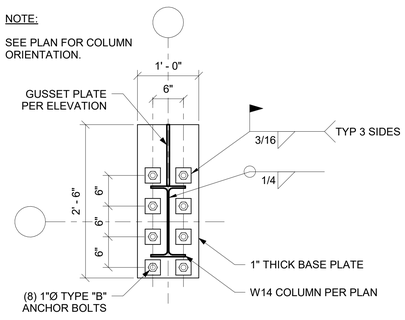


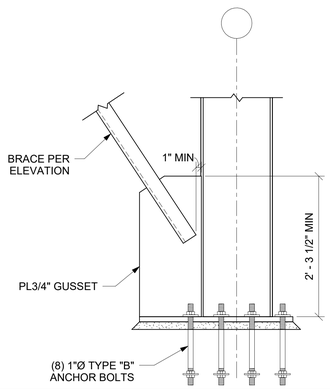


3 — SB-101 — BASE PLATE "BP-2" DETAIL — 1" = 1'-0"

4 — SB-101 — NOT USED

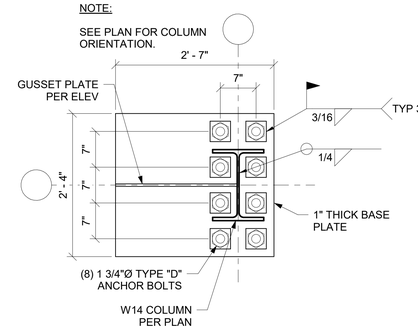
NOTE:
SEE PLAN FOR COLUMN ORIENTATION.

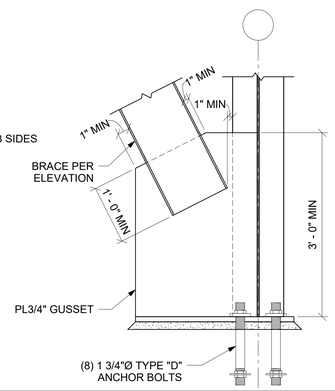




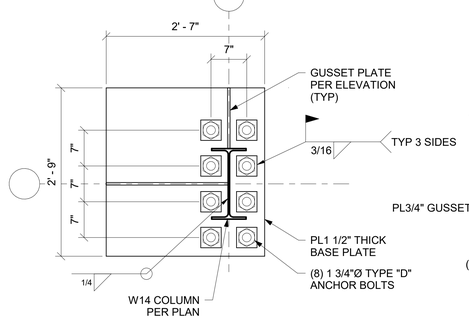
5 — SB-101 — BASE PLATE "BP-3" DETAIL — 1" = 1'-0"

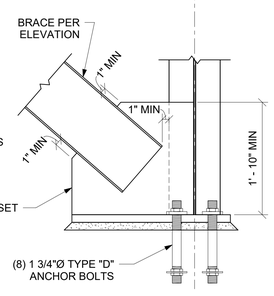
NOTE:
SEE PLAN FOR COLUMN ORIENTATION.

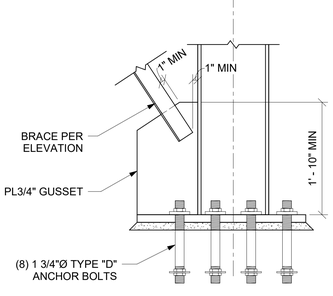




6 — SB-101 — BASE PLATE "BP-4" DETAIL — 1" = 1'-0"

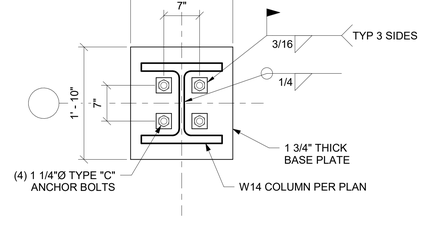






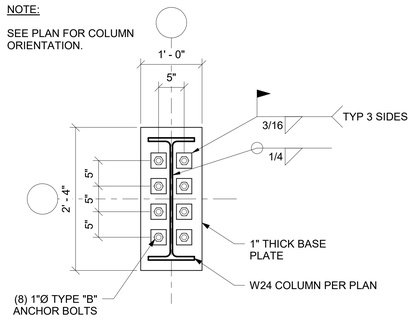
7 — SB-101 — BASE PLATE "BP-5" DETAIL — 1" = 1'-0"

NOTE:
SEE PLAN FOR COLUMN ORIENTATION.



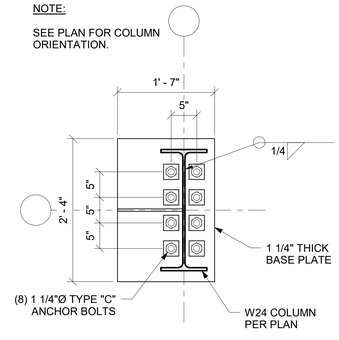
8 — SB-101 — BASE PLATE "BP-6" DETAIL — 1" = 1'-0"

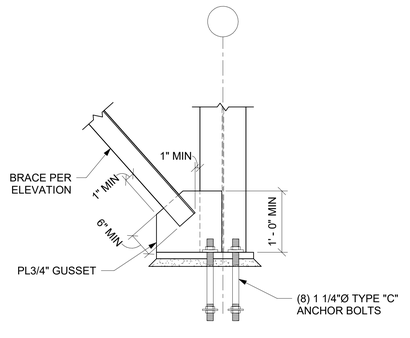
NOTE:
SEE PLAN FOR COLUMN ORIENTATION.



9 — SB-101 — BASE PLATE "BP-7" DETAIL — 1" = 1'-0"

NOTE:
SEE PLAN FOR COLUMN ORIENTATION.





10 — SB-101 — BASE PLATE "BP-8" DETAIL — 1" = 1'-0"

11 — SB-101 — NOT USED

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REV	DATE	DRAWN BY	REVISION DESCRIPTION

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PROJECT: SIGNATURE STWEART (SWF) FBO TERMINAL AND HANGAR TREET, NEW WINDSOR, NY 12553

BUILDER: YONKERS INDUSTRIES, INC.

SHEET TITLE: BASE PLATE & ANCHOR BOLT DETAILS

SEAL: It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer, to alter an item in any way.

STATE OF NEW YORK — DAVID M. MCNAGHTEN — 083727 — LICENSED PROFESSIONAL ENGINEER

06.27.2024

NAME:	DAVID M. MCNAGHTEN
LICENSE NO.:	083727
DISCIPLINE:	STRUCTURAL ENGINEERING
COMPANY:	PMA ENGINEERING
DRAWING SCALE:	AS NOTED
DESIGNED BY/ CHECKED BY:	DLH / FHS
RELEASE:	100% PERMIT SET
DATE:	06/27/2024
SHEET NO.:	SB-101
ORDER NO.:	24-008523

PMA Engineering
6717 Shawnee Mission Pkwy
Suite 100, Overland Park, KS 66202
P: (913) 831-1242, F: (913) 831-0148
www.pmaengineering.com

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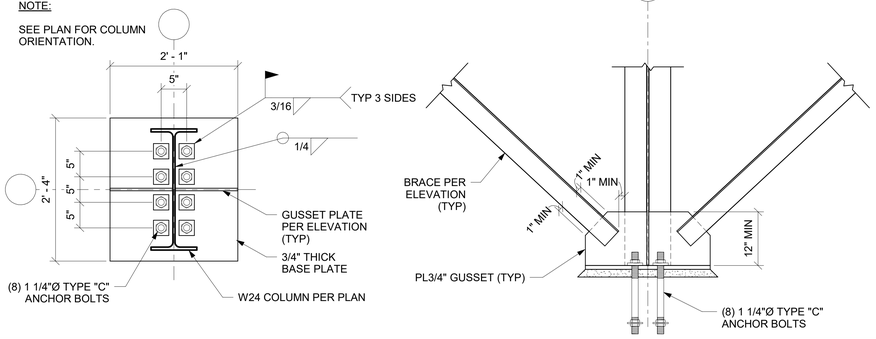
NOTE:

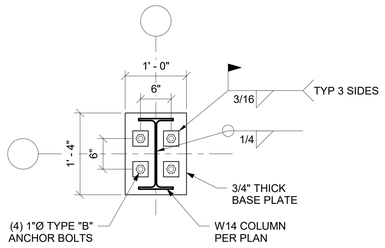
SEE PLAN FOR COLUMN ORIENTATION.



1 SB-102 BASE PLATE "BP-9" DETAIL
1" = 1'-0"

NOTE:

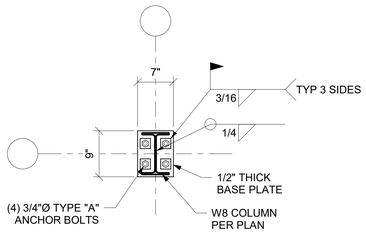
SEE PLAN FOR COLUMN ORIENTATION.



2 SB-102 BASE PLATE "BP-10" DETAIL
1" = 1'-0"

NOTE:

SEE PLAN FOR COLUMN ORIENTATION.



3 SB-102 BASE PLATE "BP-11" DETAIL
1" = 1'-0"

4 SB-102 NOT USED

5 SB-102 NOT USED

6 SB-102 NOT USED

7 SB-102 NOT USED

8 SB-102 NOT USED

9 SB-102 NOT USED

10 SB-102 NOT USED

11 SB-102 NOT USED

12 SB-102 NOT USED

13 SB-102 NOT USED

14 SB-102 NOT USED

15 SB-102 NOT USED

16 SB-102 NOT USED

17 SB-102 NOT USED

18 SB-102 NOT USED

19 SB-102 NOT USED

PMA Engineering
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REV	DATE	CREATED BY	REVISION DESCRIPTION

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PROJECT: SIGNATURE STWEART (SWF) FBO TERMINAL AND HANGAR
STREET, NEW WINDSOR, NY 12553

BUILDER: YONKERS INDUSTRIES, INC.

SHEET TITLE: BASE PLATE DETAILS

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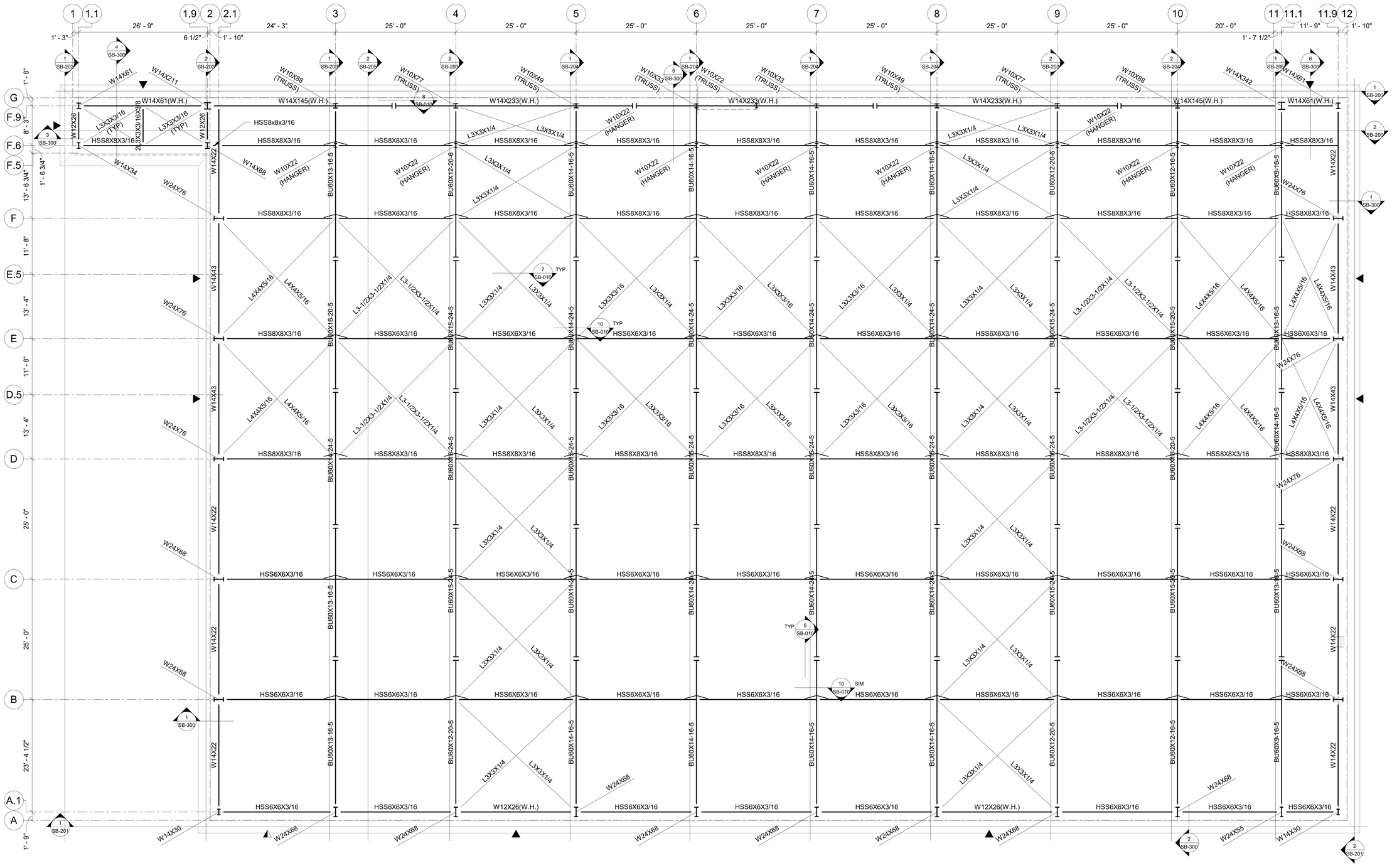
STATE OF NEW YORK · DAVID M. MCNAGHTEN · 083727 · LICENSED PROFESSIONAL ENGINEER

06.27.2024

NAME:	DAVID M. MCNAGHTEN
LICENSE NO.:	083727
DISCIPLINE:	STRUCTURAL ENGINEERING
COMPANY:	PMA ENGINEERING
DRAWING SCALE:	AS NOTED
DESIGNED BY/ CHECKED BY:	DLH / FHS
RELEASE:	100% PERMIT SET
DATE:	06/27/2024
SHEET NO.:	**SB-102**
ORDER NO.:	24-008523



BEAM SIZE

W16x26

COLUMN SIZE

W24x62

COLUMN

BEAM LEGEND

COLUMN LEGEND

NOTES:

1. "▲" INDICATES LOCATION OF VERTICAL BRACE.
2. "▲" INDICATES THE LOCATION OF A SWAY BRACE - A VERTICAL BRACE THAT DOES NOT CONTINUE ALL THE WAY TO THE GROUND. REFER TO STEEL FRAMING ELEVATIONS FOR MORE INFORMATION.
3. "——" INDICATES THE LOCATION OF A BOLTED SPLICE CONNECTION, REFER TO STEEL FRAMING ELEVATIONS FOR MORE INFORMATION.
4. UNLESS NOTED OTHERWISE, T.O.S. SHALL BE AS INDICATED IN ELEVATIONS ON SHEETS SB-200 THRU SB-205.
5. STEEL SHALL SLOPE LINEARLY BETWEEN LOCATIONS WHERE TOP OF STEEL IS INDICATED ON SHEETS SB-200 THRU SB-205.
6. STEEL MEMBERS TO BE LOCATED ABOVE OR BELOW THE NOTED TOP OF STEEL ELEVATIONS HAVE CENTERLINE ELEVATIONS NOTED THUS"(0'-10")" ON PLAN. THE NOTED DIMENSION IS RELATIVE TO THE TOP OF STEEL ELEVATION NOTED.
7. "(W.H.)" INDICATES WEB HORIZONTAL.
8. REFERENCE 2/SB-205 FOR ROOF PURLIN SIZE AND SPACING AT HANGAR ROOF.
9. ⌒ INDICATES 3 PLATE GIRDER BOTTOM FLANGE BRACE PER 10/SB-010.

1 SB-110 HIGH ROOF FRAMING PLAN
1/8" = 1'-0"

PLAN NORTH

NORTH

BY:
VARCO PRUDEN BUILDINGS
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PROJECT:
SIGNATURE STWEART (SWF) FBO TERMINAL AND HANGAR
STREET, NEW WINDSOR, NY 12553

BUILDER:
YONKERS INDUSTRIES, INC.

SHEET TITLE:
HIGH ROOF FRAMING PLAN

SEAL: It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer, to alter an item in any way.

STATE OF NEW YORK · DAVID M. MCNAGHTEN · 083727 · LICENSED PROFESSIONAL ENGINEER

06.27.2024

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DRAWING SCALE:	AS NOTED
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DATE:	06/27/2024
SHEET NO:	SB-110
ORDER NO:	24-008523

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P: (913) 831-1262,F: (913) 831-0148
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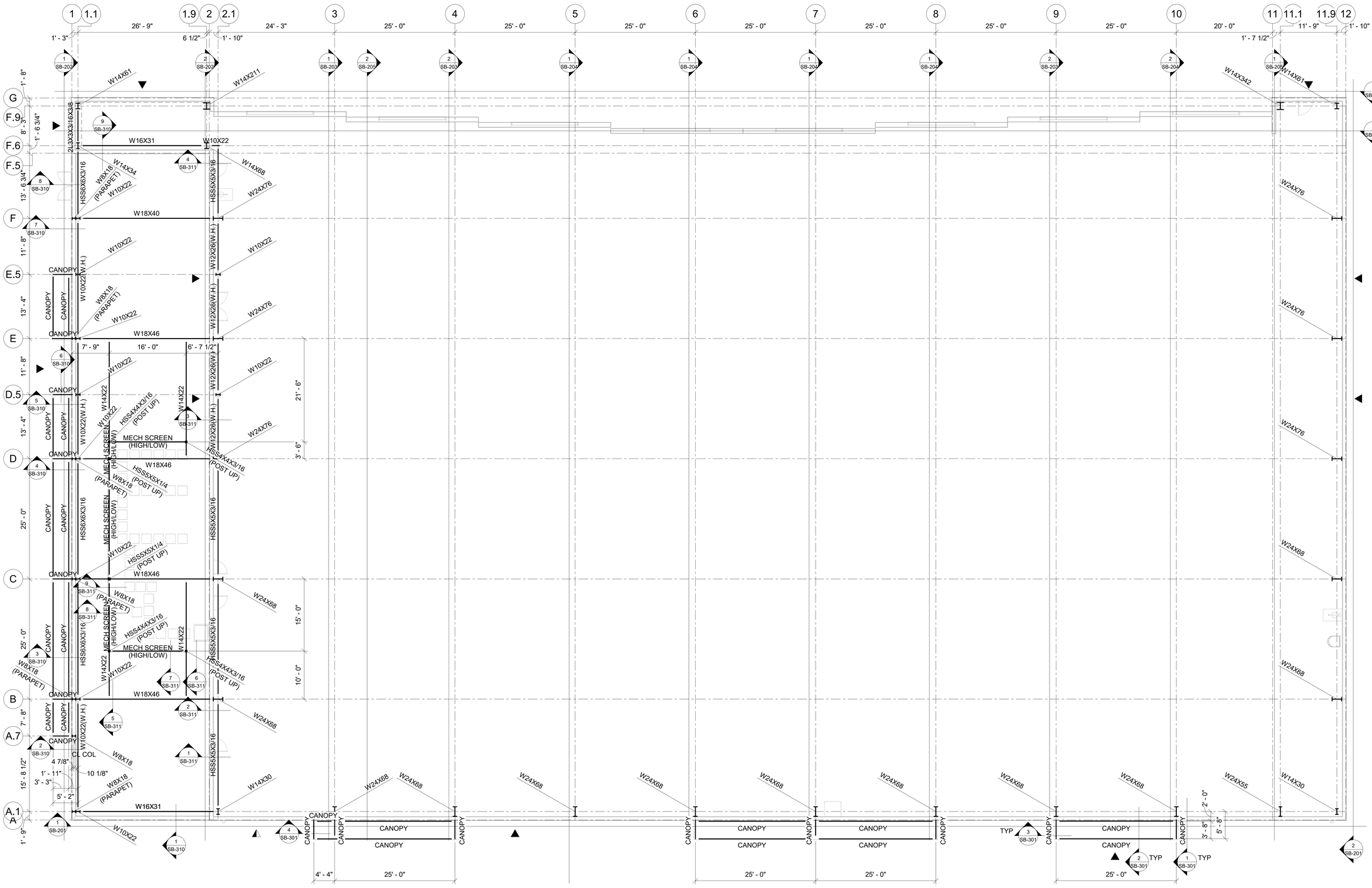

BEAM SIZE — W16x26

COLUMN SIZE — W24x62 — COLUMN

BEAM LEGEND

COLUMN LEGEND

NOTES:

1. "▲" INDICATES LOCATION OF VERTICAL BRACE.
2. "▲" INDICATES THE LOCATION OF A SWAY BRACE - A VERTICAL BRACE THAT DOES NOT CONTINUE ALL THE WAY TO THE GROUND. REFER TO STEEL FRAMING ELEVATIONS FOR MORE INFORMATION.
3. "═══" INDICATES THE LOCATION OF A BOLTED SPLICE CONNECTION, REFER TO STEEL FRAMING ELEVATIONS FOR MORE INFORMATION.
4. UNLESS NOTED OTHERWISE, T.O.S. SHALL BE AS INDICATED IN ELEVATIONS ON SHEETS SB-200 THRU SB-205.
   A. T.O. LOW MECH SCREEN STEEL ELEV = 116' - 2".
   B. T.O. HIGH MECH SCREEN STEEL ELEV = 121' - 2".
5. STEEL SHALL SLOPE LINEARLY BETWEEN LOCATIONS WHERE TOP OF STEEL IS INDICATED ON SHEETS SB-200 THRU SB-205.
6. STEEL MEMBERS TO BE LOCATED ABOVE OR BELOW THE NOTED TOP OF STEEL ELEVATIONS HAVE CENTERLINE ELEVATIONS NOTED THUS"(0'-10")" ON PLAN. THE NOTED DIMENSION IS RELATIVE TO THE TOP OF STEEL ELEVATION NOTED.
7. "(W.H.)" INDICATES WEB HORIZONTAL.
8. ALL CANOPY STEEL SHALL BE HSS6x4x3/8 LLV UNLESS NOTED OTHERWISE.
9. ALL SCREEN STEEL SHALL BE HSS4x4x3/16 UNLESS NOTED OTHERWISE.
10. REFERENCE 2/SB-200 & 1/SB-201 FOR ROOF PURLIN SIZE AND SPACING AT LOW ROOF.

1 SB-111 LOW ROOF FRAMING PLAN
1/8" = 1'-0"

PLAN NORTH

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REV	DATE	CREATED BY	REVISION DESCRIPTION

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PROJECT: SIGNATURE STWEART (SWF) FBO TERMINAL AND HANGAR
STREET: NEW WINDSOR, NY 12553
BUILDER: YONKERS INDUSTRIES, INC.
SHEET TITLE: LOW ROOF FRAMING PLAN

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STATE OF NEW YORK — DAVID M. MCNAGHTEN — 083727 — LICENSED PROFESSIONAL ENGINEER

06.27.2024

NAME:	DAVID M. MCNAGHTEN
LICENSE NO:	083727
DISCIPLINE:	STRUCTURAL ENGINEERING
COMPANY:	PMA ENGINEERING
DRAWING SCALE:	AS NOTED
DESIGNED BY/ CHECKED BY:	DLH / FHS
RELEASE:	100% PERMIT SET
DATE:	06/27/2024
SHEET NO:	SB-111
ORDER NO:	24-008523

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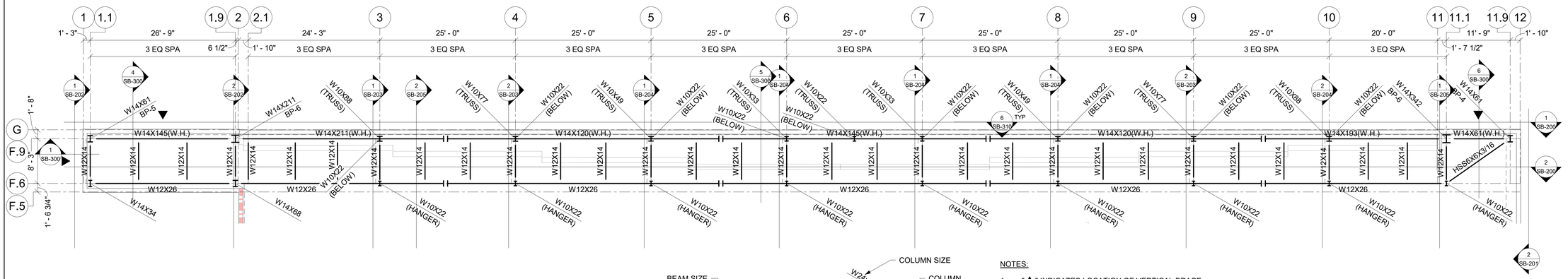

BEAM SIZE

W16x26

COLUMN SIZE

W24x62

COLUMN

NOTES:

1. "▲" INDICATES LOCATION OF VERTICAL BRACE.
2. "═══" INDICATES THE LOCATION OF A BOLTED SPLICE CONNECTION. REFER TO STEEL FRAMING ELEVATIONS FOR MORE INFORMATION.
3. UNLESS NOTED OTHERWISE, T.O.S. SHALL BE AS INDICATED IN ELEVATIONS ON SHEETS SB-200 THRU SB-205.
4. STEEL SHALL SLOPE LINEARLY BETWEEN LOCATIONS WHERE TOP OF STEEL IS INDICATED ON SHEETS SB-200 THRU SB-205.
5. STEEL MEMBERS TO BE LOCATED ABOVE OR BELOW THE NOTED TOP OF STEEL ELEVATIONS HAVE CENTERLINE ELEVATIONS NOTED THUS"(0'-10")" ON PLAN. THE NOTED DIMENSION IS RELATIVE TO THE TOP OF STEEL ELEVATION NOTED.
6. "(W.H.)" INDICATES WEB HORIZONTAL.

BEAM LEGEND

COLUMN LEGEND

1 SB-112 FRAMING PLAN ABOVE HANGAR DOOR
1/8" = 1'-0"

PLAN NORTH

NORTH

2 SB-112 NOT USED

3 SB-112 NOT USED

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PROJECT: SIGNATURE STWEART (SWF) FBO TERMINAL AND HANGAR
STREET, NEW WINDSOR, NY 12553

BUILDER: YONKERS INDUSTRIES, INC.

SHEET TITLE: FRAMING PLAN ABOVE HANGAR DOOR

SEAL: It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer, to alter an item in any way.

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06.27.2024

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ORDER NO.:	24-008523

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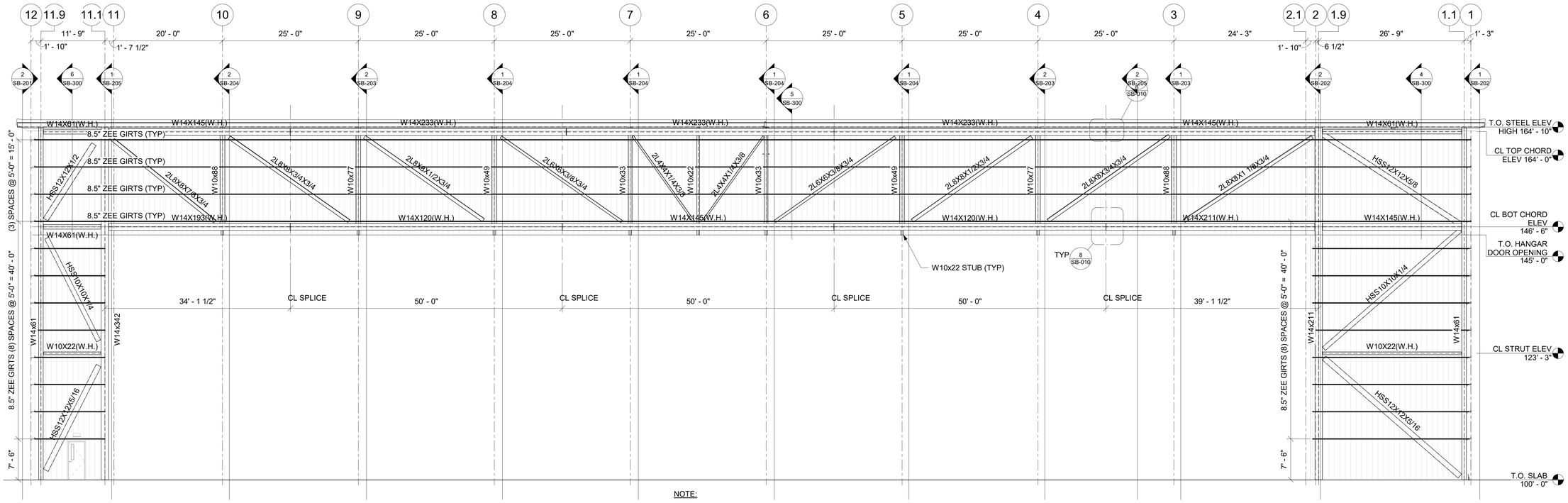
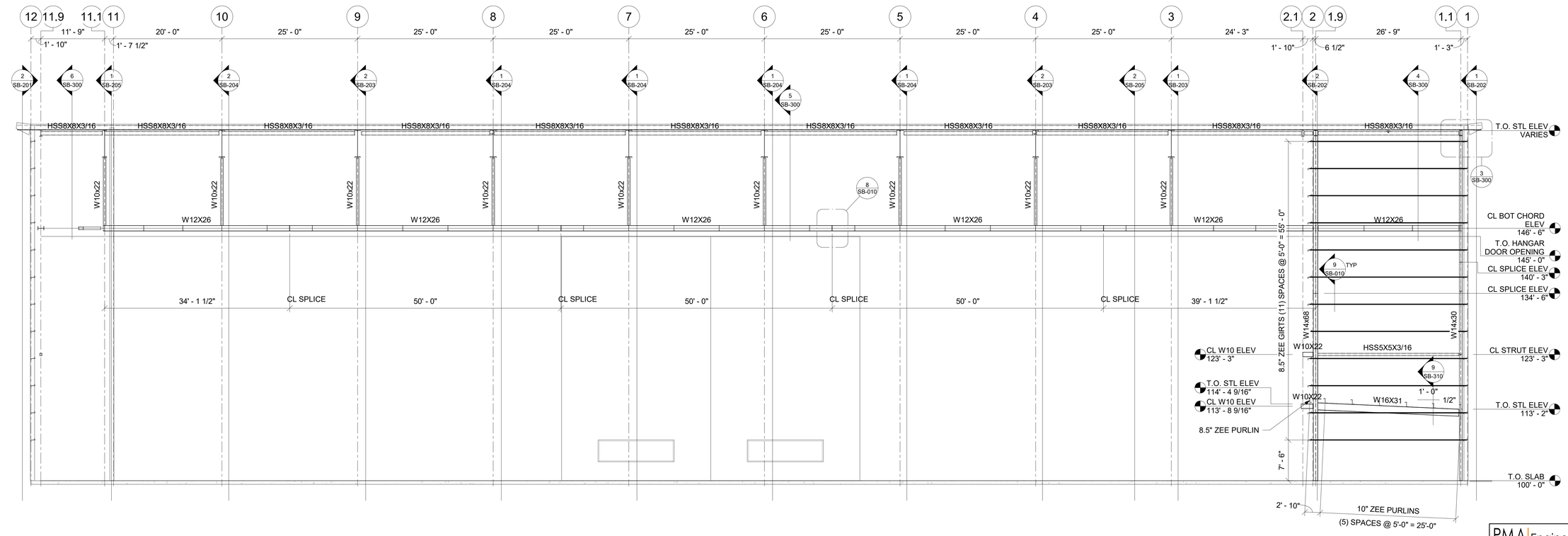


NOTE:

DOOR TRUSS CAMBER TO BE PROVIDED DURING CONNECTION DESIGN. CONNECTION DESIGNER SHALL COORDINATE CAMBER WITH SPLICE LOCATIONS.

1 SB-200 ELEVATION @ GRID G
1/8" = 1'-0"



2 SB-200 ELEVATION @ GRID F.6
1/8" = 1'-0"

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PROJECT: SIGNATURE STWEART (SWF) FBO TERMINAL AND HANGAR
STREET, NEW WINDSOR, NY 12553

BUILDER: YONKERS INDUSTRIES, INC.

SHEET TITLE: ELEVATIONS @ GRIDS G & F.6

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SHEET NO.:	**SB-200**
ORDER NO.:	24-008523

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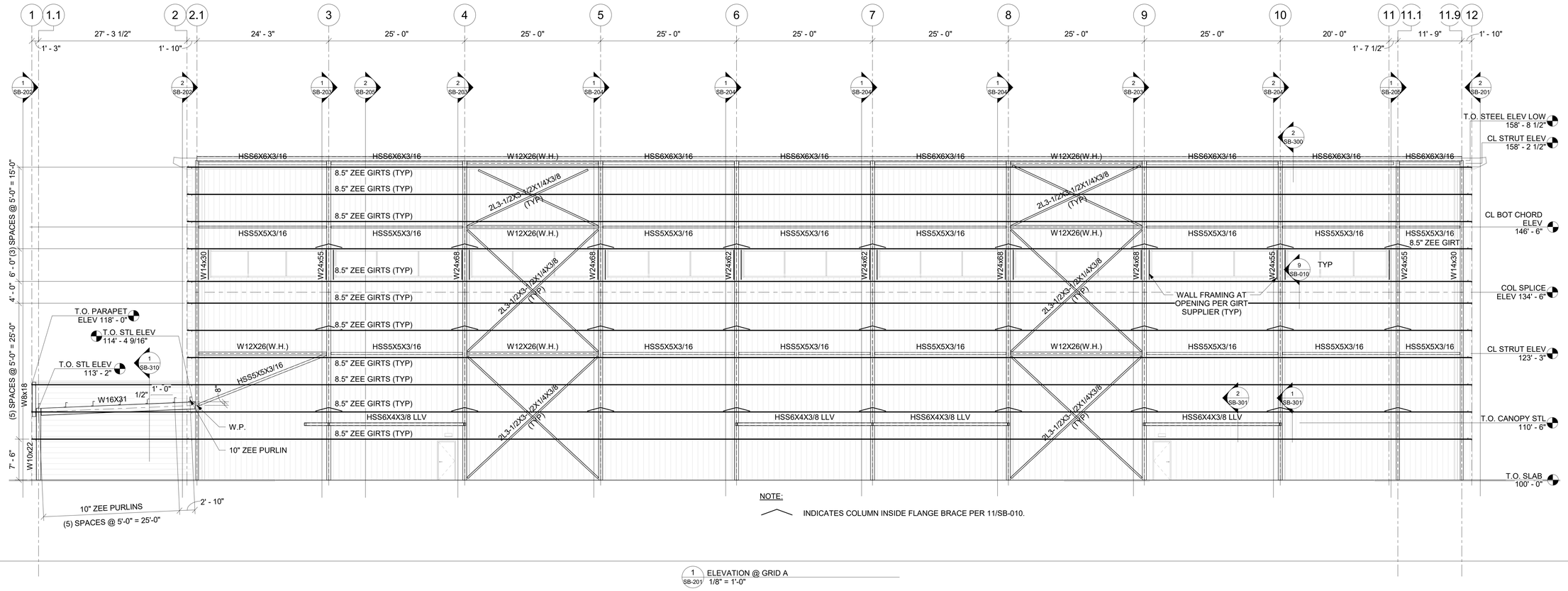
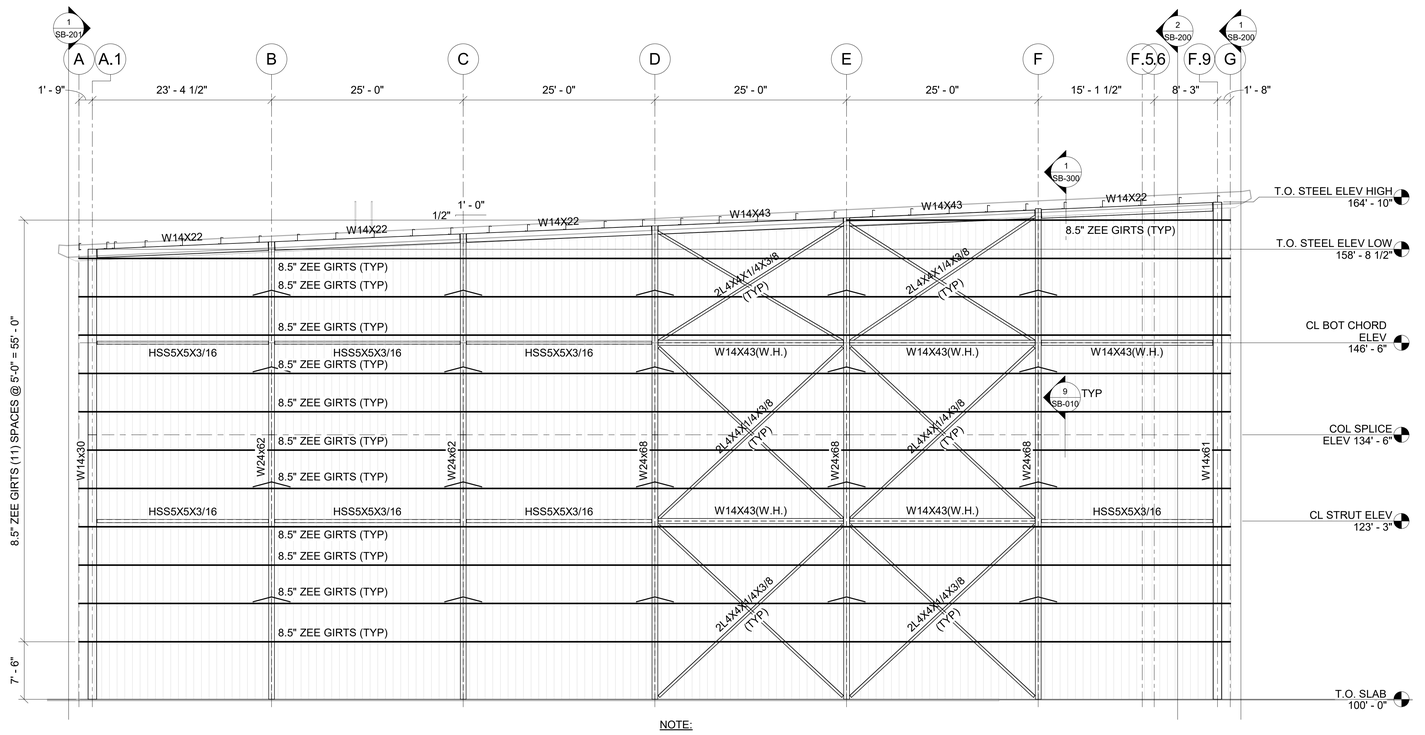


NOTE:

INDICATES COLUMN INSIDE FLANGE BRACE PER 11/SB-010.

1 SB-201 ELEVATION @ GRID A
1/8" = 1'-0"



NOTE:

INDICATES COLUMN INSIDE FLANGE BRACE PER 11/SB-010.

2 SB-201 ELEVATION @ GRID 12
1/8" = 1'-0"

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PROJECT: SIGNATURE STWEART (SWF) FBO TERMINAL AND HANGAR
STREET, NEW WINDSOR, NY 12553

BUILDER: YONKERS INDUSTRIES, INC.

SHEET TITLE: ELEVATIONS @ GRIDS A & 12

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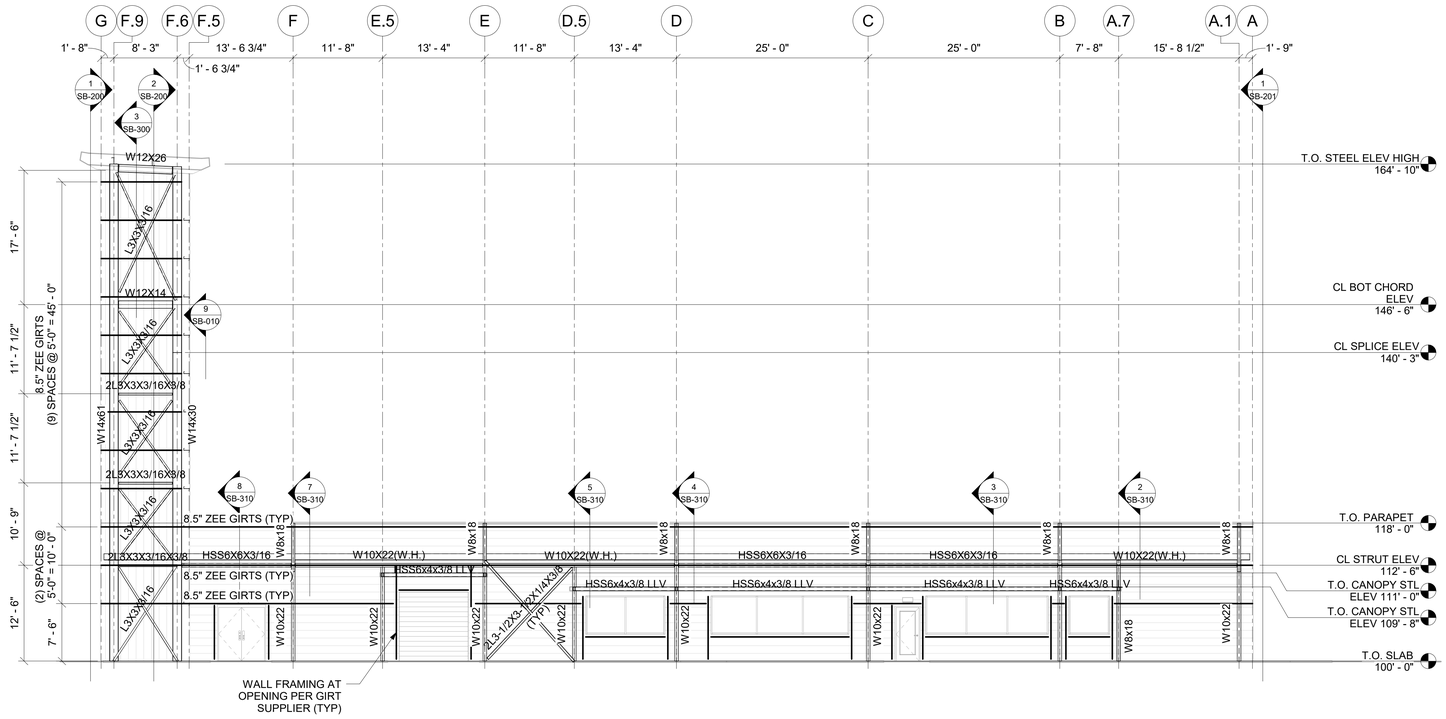
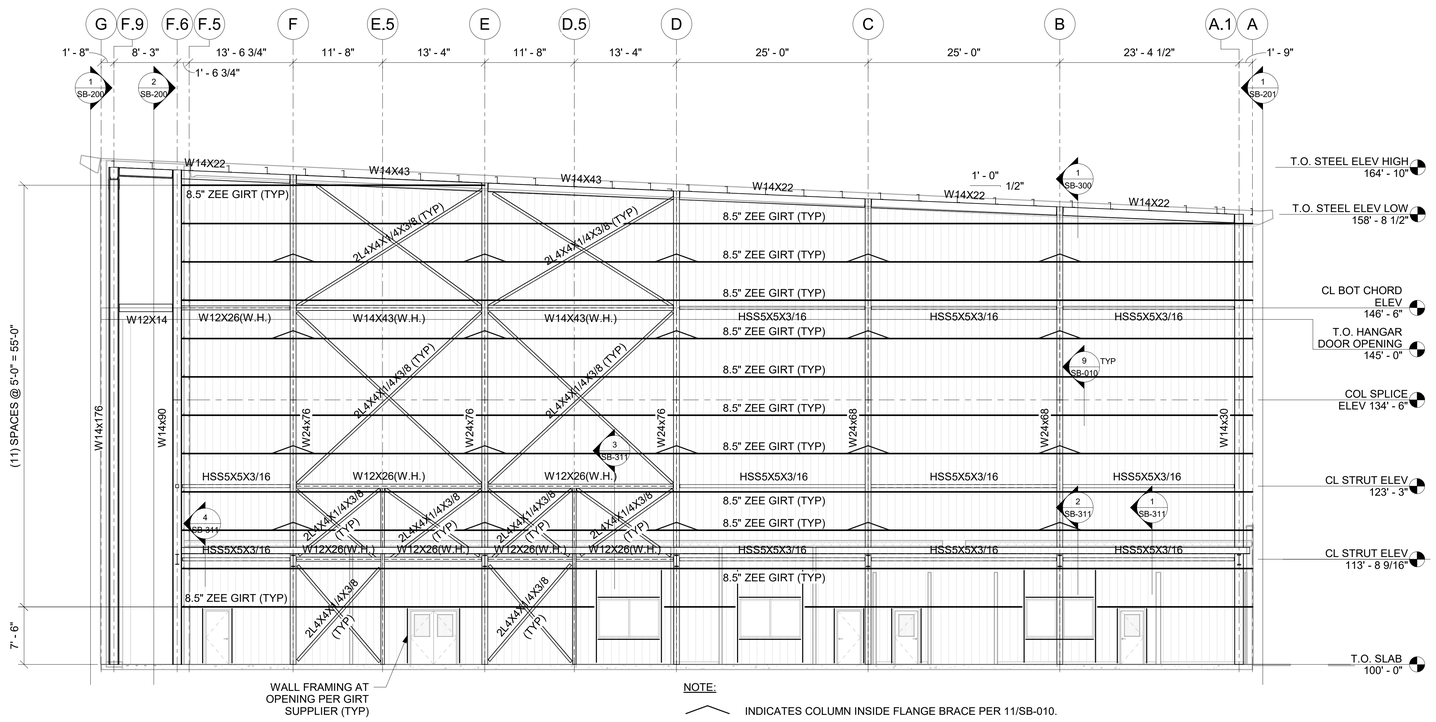


1 SB-202 ELEVATION @ GRIDS 1 1/8" = 1'-0"



NOTE:

INDICATES COLUMN INSIDE FLANGE BRACE PER 11/SB-010.

2 SB-202 ELEVATION @ GRIDS 1.9/2 1/8" = 1'-0"

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PROJECT:

SIGNATURE STWEART (SWF) FBO TERMINAL AND HANGAR TREET, NEW WINDSOR, NY 12553

BUILDER:

YONKERS INDUSTRIES, INC.

SHEET TITLE:

ELEVATIONS @ GRIDS 1 & 1.9/2

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NAME:	DAVID M. MCNAUGHTEN
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COMPANY:	PMA ENGINEERING
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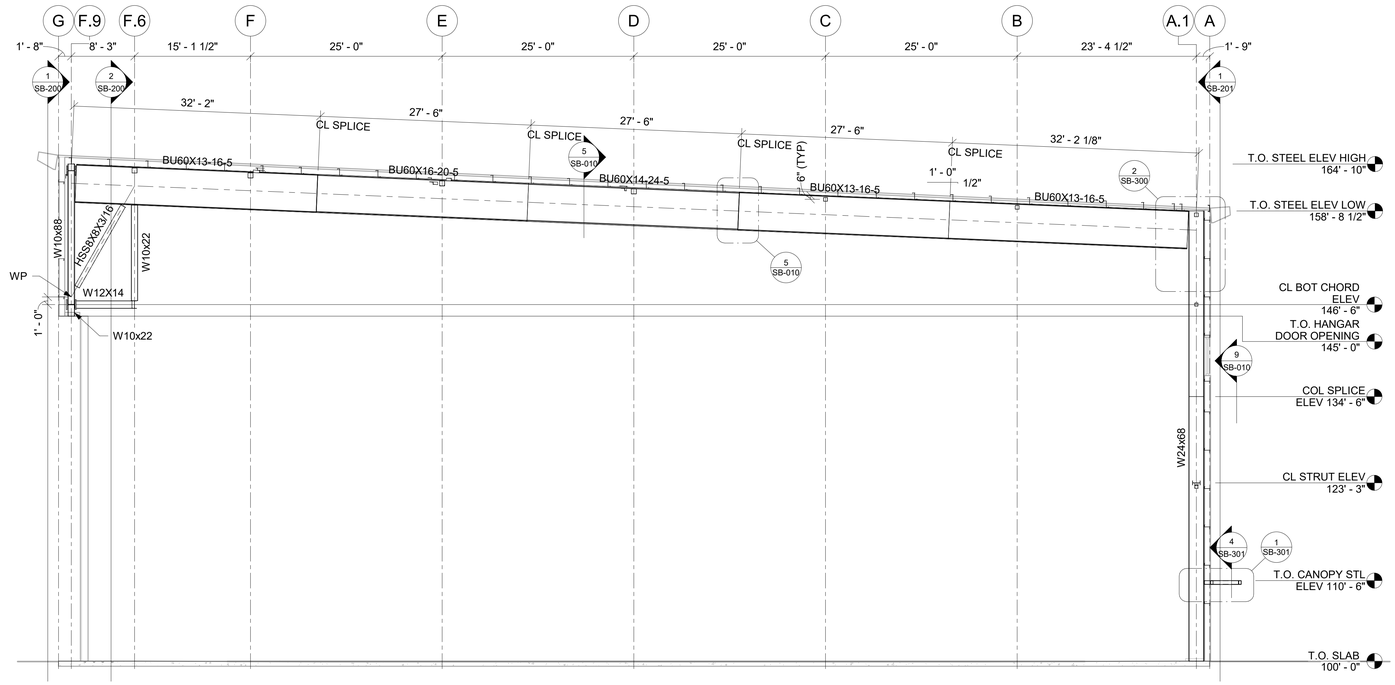
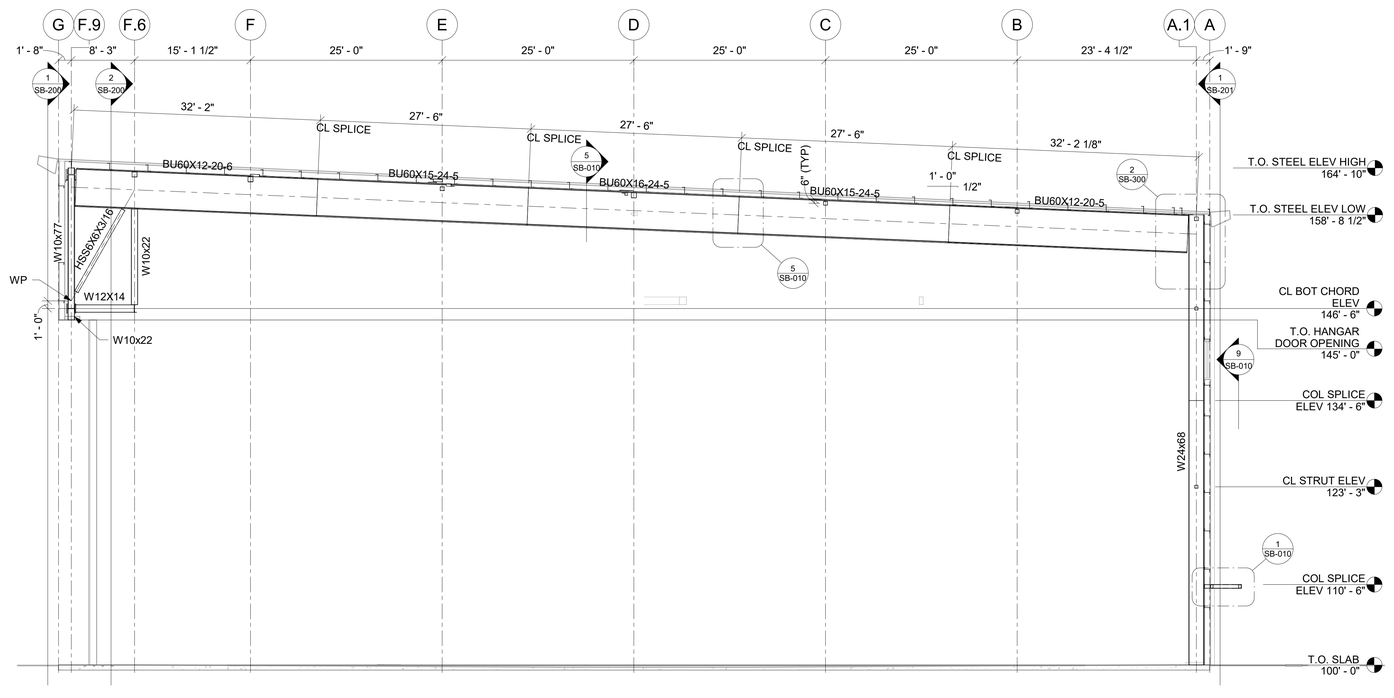


1 SB-203 ELEVATION @ GRID 3
1/8" = 1'-0"

NOTE:

3 PLATE GIRDER CAMBER TO BE PROVIDED DURING CONNECTION DESIGN. CONNECTION DESIGNER SHALL COORDINATE CAMBER WITH SPLICE LOCATIONS.



2 SB-203 ELEVATION @ GRID 4 & 9
1/8" = 1'-0"

NOTE:

3 PLATE GIRDER CAMBER TO BE PROVIDED DURING CONNECTION DESIGN. CONNECTION DESIGNER SHALL COORDINATE CAMBER WITH SPLICE LOCATIONS.

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PROJECT:
SIGNATURE STWEART (SWF) FBO TERMINAL AND HANGAR
STREET, NEW WINDSOR, NY 12553

BUILDER:
YONKERS INDUSTRIES, INC.

SHEET TITLE:
ELEVATIONS @ GRIDS 3, 4, & 9

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STATE OF NEW YORK
DAVID M. MCNAGHTEN
083727
LICENSED PROFESSIONAL ENGINEER

06.27.2024

NAME:	DAVID M. MCNAGHTEN
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COMPANY:	PMA ENGINEERING
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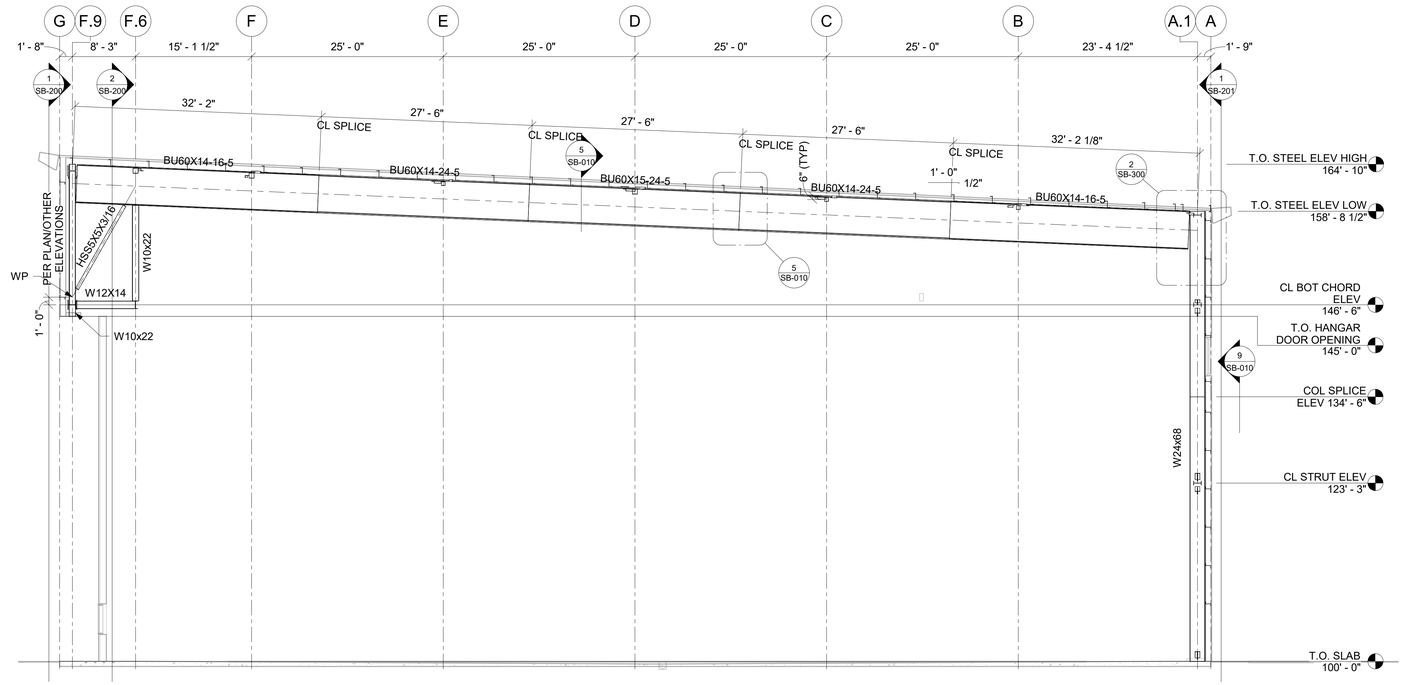
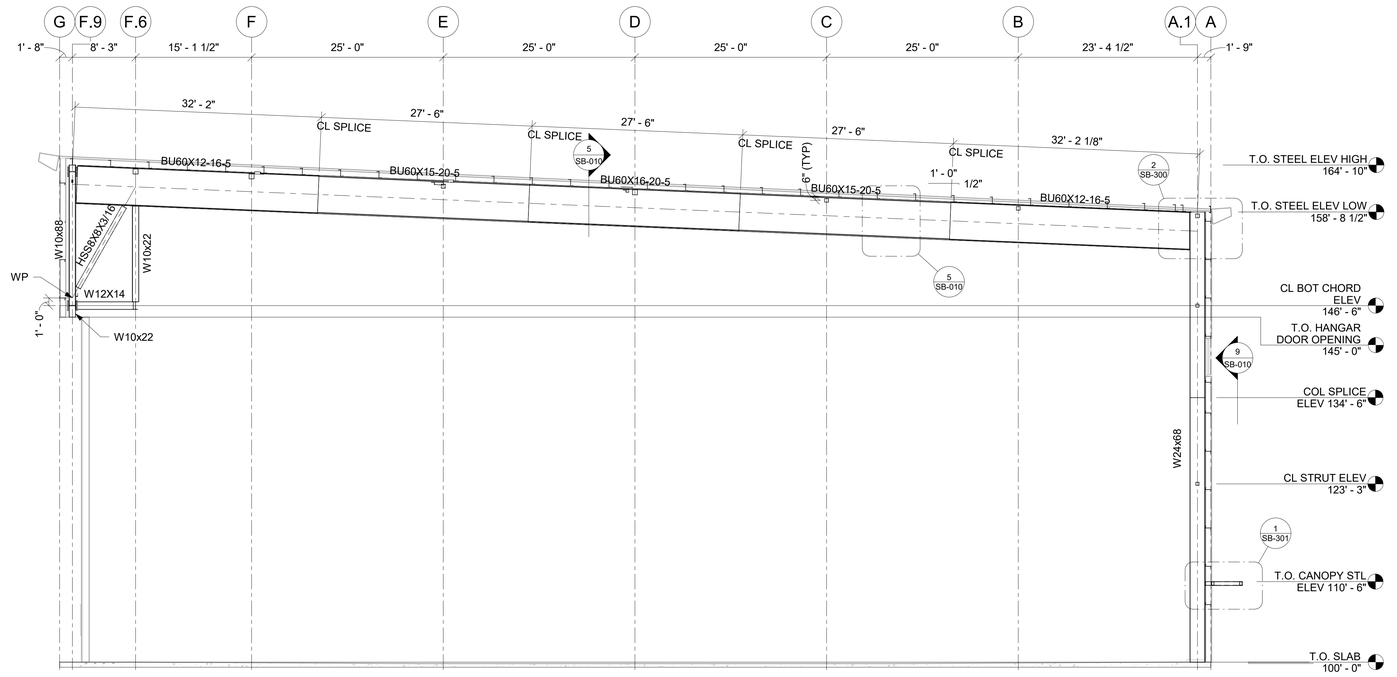
ORDER NO.:	24-008523



1 SB-204 ELEVATION @ GRIDS 5, 6, 7, & 8
1/8" = 1'-0"

NOTE:

3 PLATE GIRDER CAMBER TO BE PROVIDED DURING CONNECTION DESIGN. CONNECTION DESIGNER SHALL COORDINATE CAMBER WITH SPLICE LOCATIONS.



2 SB-204 ELEVATION @ GRID 10
1/8" = 1'-0"

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BUILDER: YONKERS INDUSTRIES, INC.

SHEET TITLE: ELEVATIONS @ GRIDS 5 - 8, & 10

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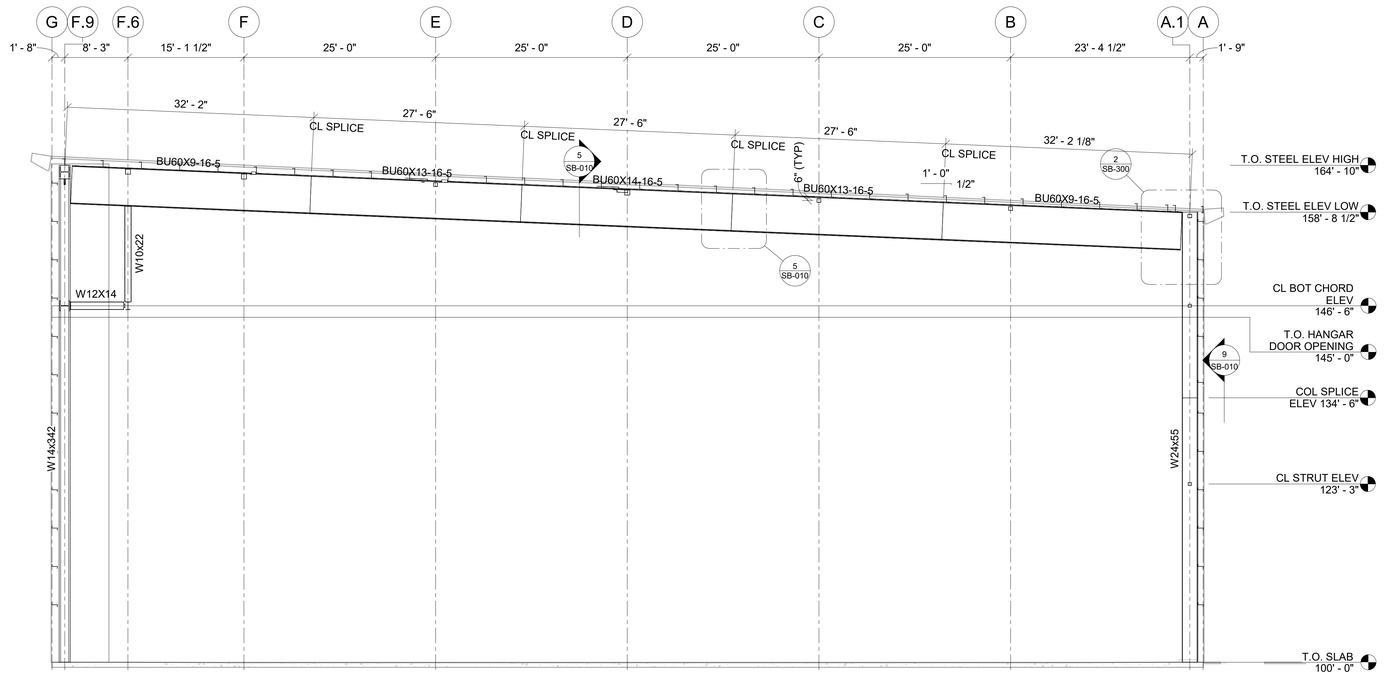
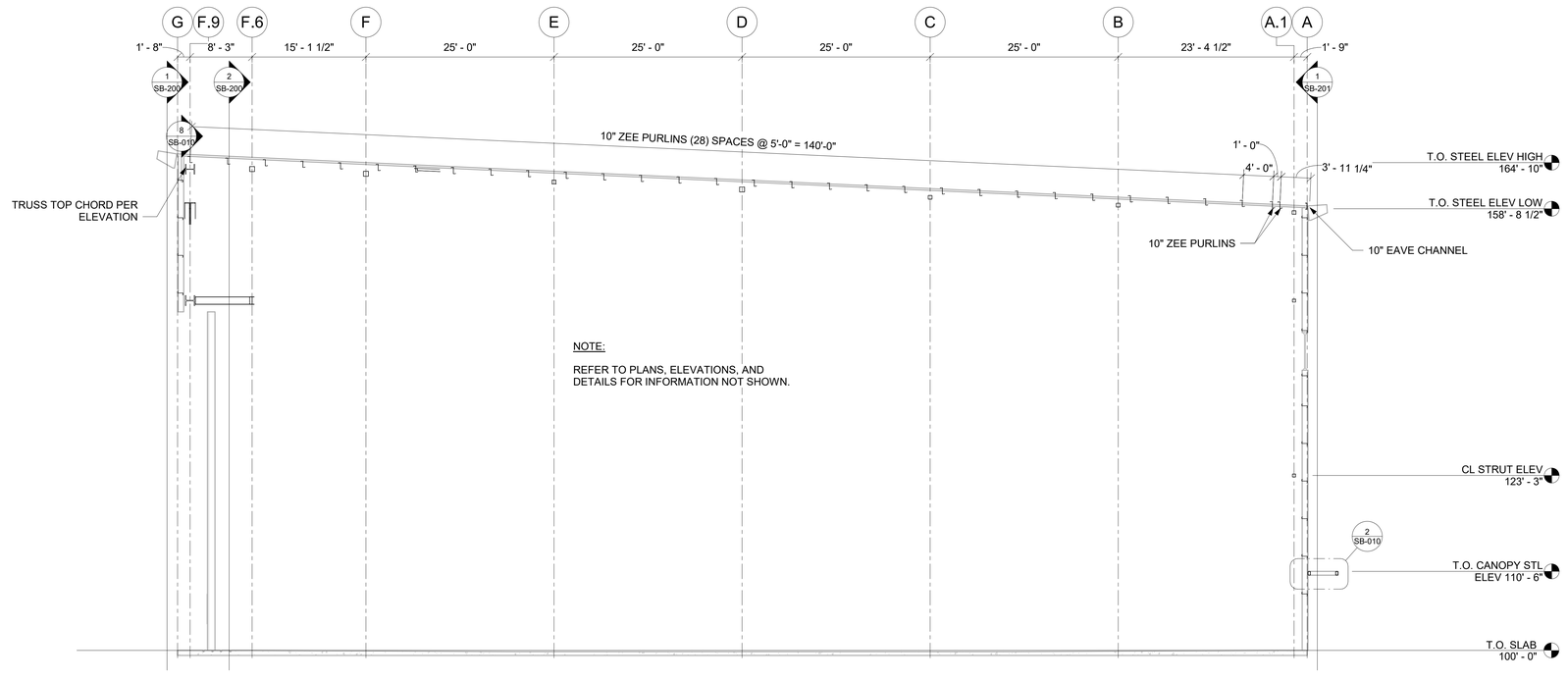


1 SB-205 ELEVATION @ GRID 11
1/8" = 1'-0"

NOTE:

3 PLATE GIRDER CAMBER TO BE PROVIDED DURING CONNECTION DESIGN. CONNECTION DESIGNER SHALL COORDINATE CAMBER WITH SPLICE LOCATIONS.



NOTE:

REFER TO PLANS, ELEVATIONS, AND DETAILS FOR INFORMATION NOT SHOWN.

2 SB-205 ROOF PURLIN SPACING
1/8" = 1'-0"

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PROJECT: SIGNATURE STWEART (SWF) FBO TERMINAL AND HANGAR
STREET, NEW WINDSOR, NY 12553

BUILDER: YONKERS INDUSTRIES, INC.

SHEET TITLE: ELEVATION @ GRID 11

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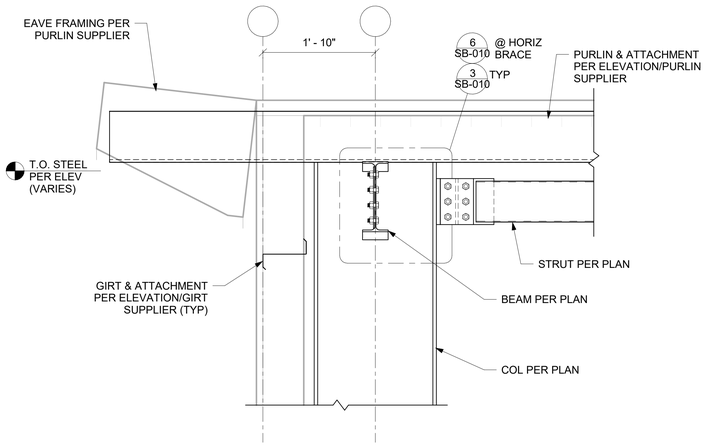
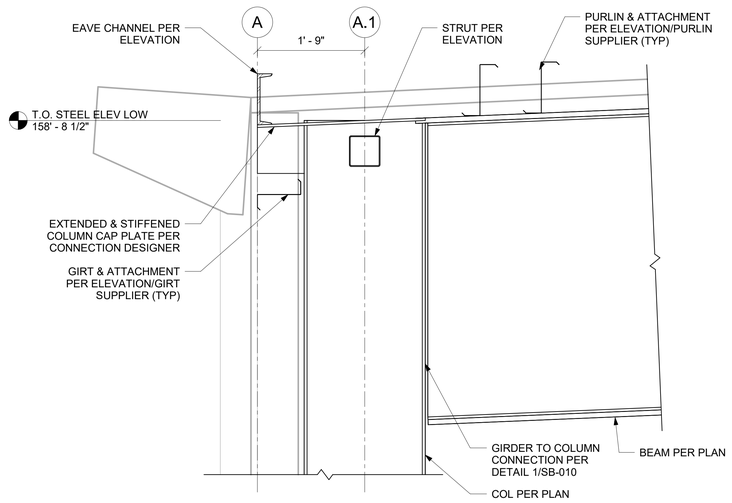
STATE OF NEW YORK · DAVID M. MCNAUGHTEN · 083727 · LICENSED PROFESSIONAL ENGINEER

06.27.2024

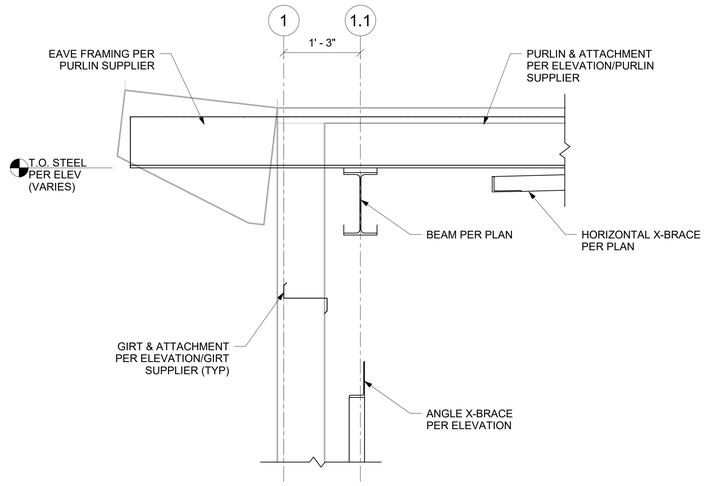
NAME:	DAVID M. MCNAUGHTEN
LICENSE NO.:	083727
DISCIPLINE:	STRUCTURAL ENGINEERING
COMPANY:	PMA ENGINEERING
DRAWING SCALE:	AS NOTED
DESIGNED BY: / CHECKED BY:	DLH / FHS
RELEASE:	100% PERMIT SET
DATE:	06/27/2024
SHEET NO.:	SB-205
ORDER NO.:	24-008523



1 SB-300 SECTION @ SIDE WALL EAVE
1" = 1'-0"

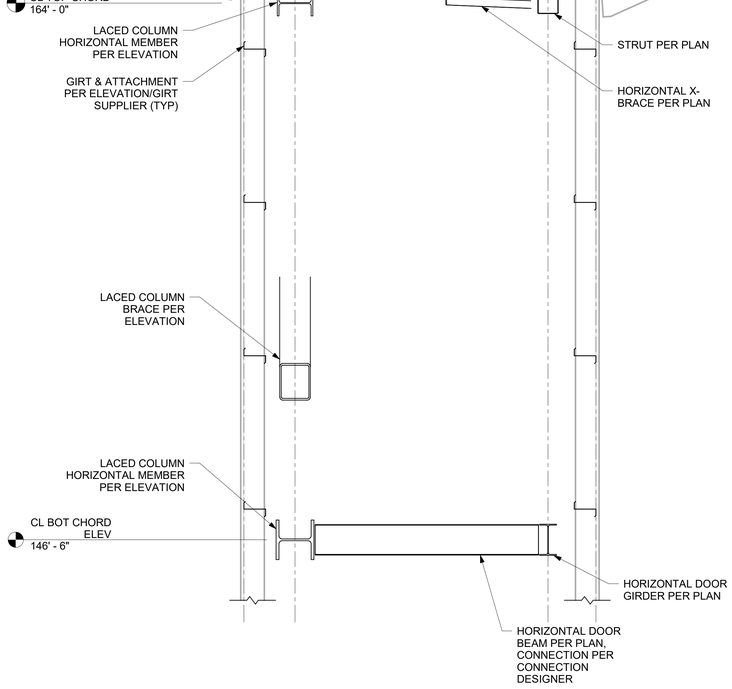


2 SB-300 SECTION @ LOW SIDE EAVE
1" = 1'-0"

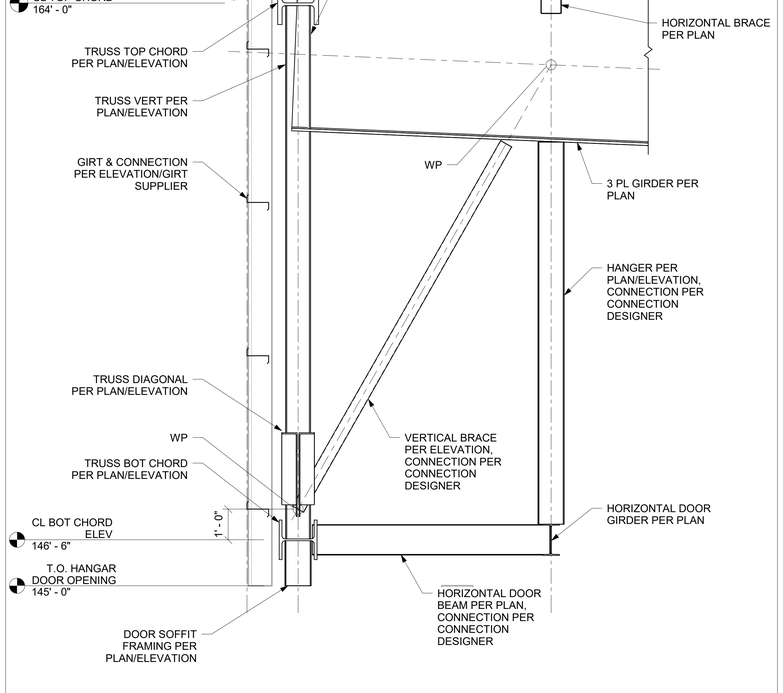


3 SB-300 SECTION @ DOOR POCKET SIDE WALL EAVE
1" = 1'-0"

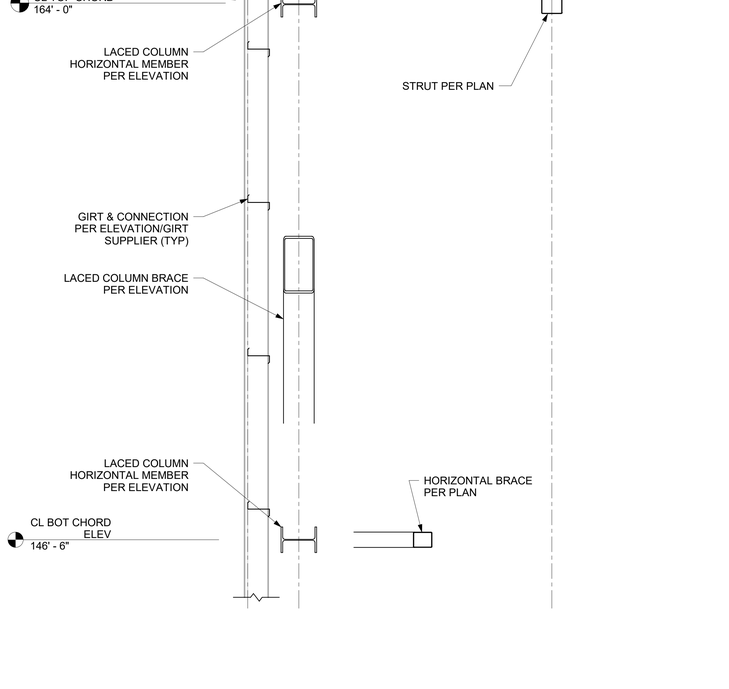
1' - 0 5/8"



4 SB-300 SECTION @ DOOR POCKET
1/2" = 1'-0"



5 SB-300 SECTION @ DOOR HEADER
1/2" = 1'-0"



6 SB-300 SECTION @ HIGH SIDE EAVE
1/2" = 1'-0"

VARCO PRUDEN BUILDINGS
3200 E. HOLMES ROAD CIRCLE
MEMPHIS, TN 38125
(901) 748-8000
WWW.VARCOPRUDEN.COM
A DIVISION OF
BLUESCOPE BUILDINGS NORTH AMERICA, INC.
A BLUESCOPE STEEL COMPANY

BY: VARCO PRUDEN Building Solutions. Together.

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REV	DATE	CREATED BY	REVISION DESCRIPTION

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PROJECT: SIGNATURE STWEART (SWF) FBO TERMINAL AND HANGARTREET, NEW WINDSOR, NY 12553

BUILDER: YONKERS INDUSTRIES, INC.

SHEET TITLE: HANGAR SECTIONS

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COMPANY:	PMA ENGINEERING
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DESIGNED BY:	
CHECKED BY:	DLH / FHS
RELEASE:	100% PERMIT SET
DATE:	06/27/2024
SHEET NO:	SB-300
ORDER NO:	24-008523

PMA Engineering
6717 Shawnee Mission Pkwy
Suite 100, Overland Park, KS 66202
P:(913)831-1242 F:(913)831-0148
www.pmaengineering.com
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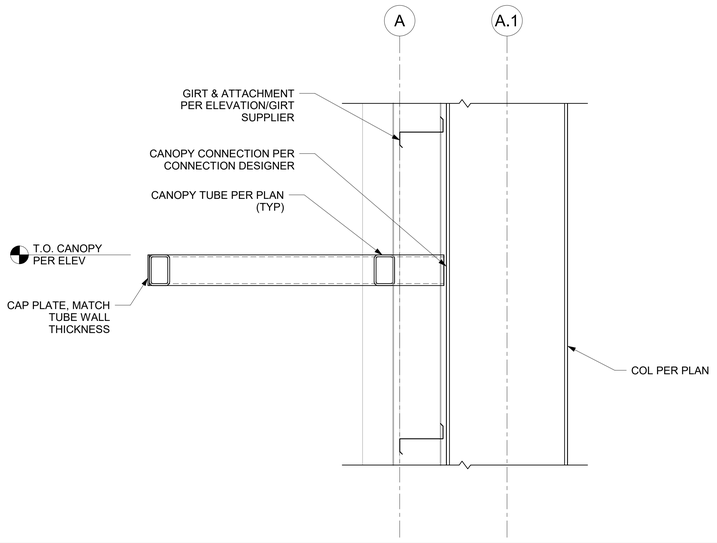
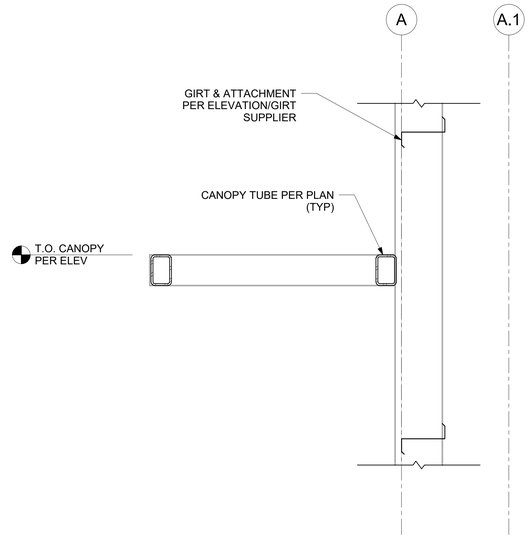
(PROJECT #P.24054)



1 SB-301 SECTION @ CANOPY
1" = 1'-0"



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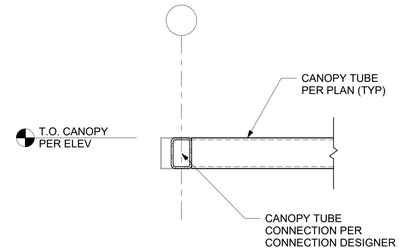
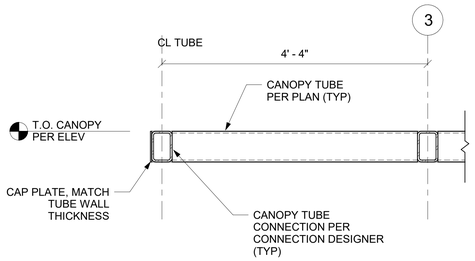
1" = 1'-0"



3 SB-301 SECTION @ CANOPY
1" = 1'-0"



4 SB-301 SECTION @ CANOPY
1" = 1'-0"

5 SB-301 NOT USED

6 SB-301 NOT USED

7 SB-301 NOT USED

8 SB-301 NOT USED Copy 6

9 SB-301 NOT USED

PMA Engineering
6717 Shawnee Mission Pkwy
Suite 100, Overland Park, KS 66202
P: (913) 831-1262 F: (913) 831-0148
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BUTLER MANUFACTURING
1540 GENESSEE STREET
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P: (816) 270-1200
WWW.BUTLERMFG.COM

BY

A DIVISION OF BUTLER MANUFACTURING COMPANY, A BERKSHIRE HATHAWAY AFFILIATE

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PROJECT: SIGNATURE STWEART (SWF) FBO TERMINAL AND HANGARTREET, NEW WINDSOR, NY 12553

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SHEET TITLE: HANGAR SECTIONS

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STATE OF NEW YORK · DAVID M. MCNAGHTEN · 083727 · LICENSED PROFESSIONAL ENGINEER

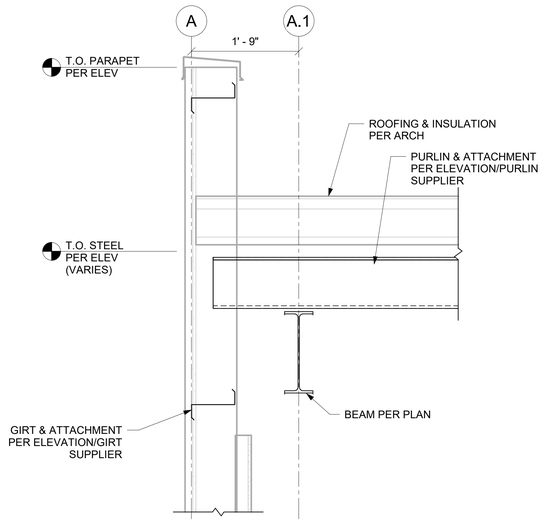
06.27.2024

NAME: DAVID M. MCNAGHTEN
LICENSE NO.: 083727
DISCIPLINE: STRUCTURAL ENGINEERING
COMPANY: PMA ENGINEERING

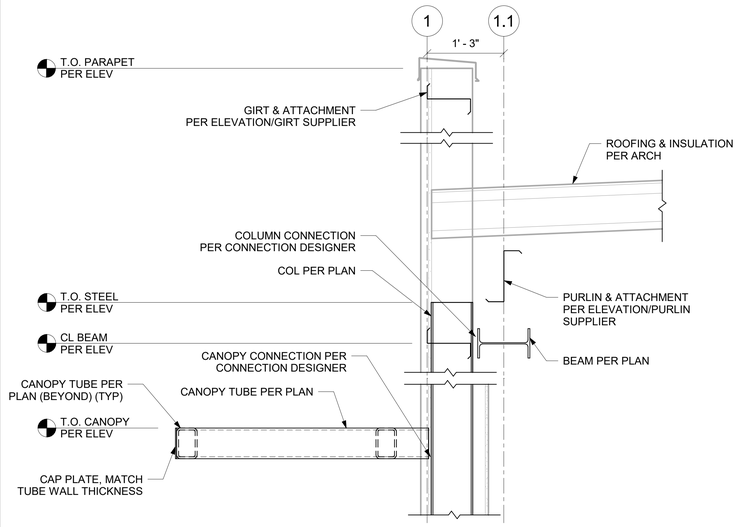
DRAWING SCALE: AS NOTED
DESIGNED BY: Author
CHECKED BY: Checker

RELEASE: 100% PERMIT SET
DATE: 06/27/2024

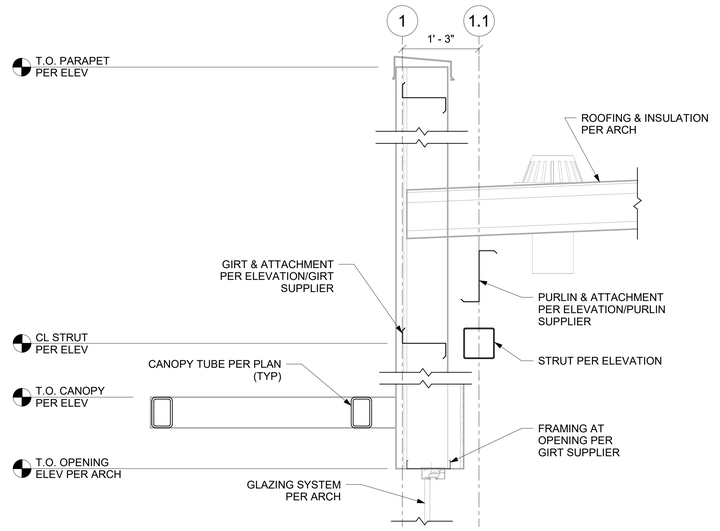
SHEET NO.: **SB-301**
ORDER NO.: 24-008523



1 SB-310 SECTION @ LOW ROOF PARAPET
1" = 1'-0"



2 SB-310 SECTION @ LOW ROOF CANOPY
1" = 1'-0"



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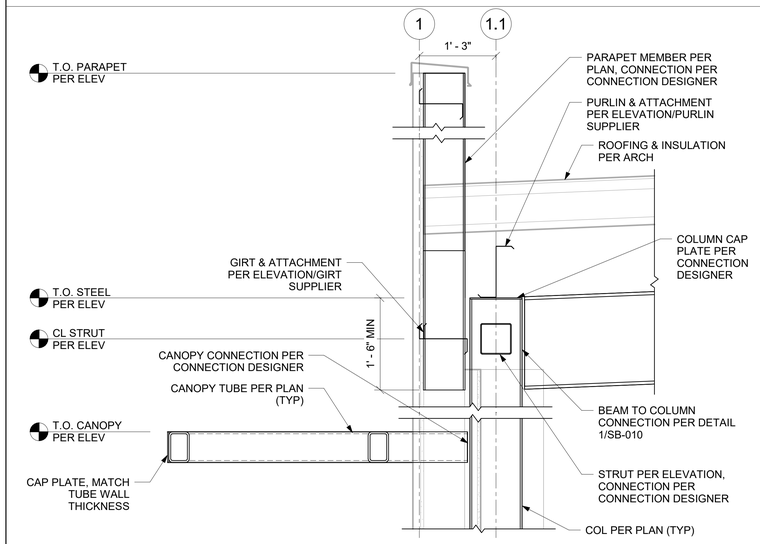
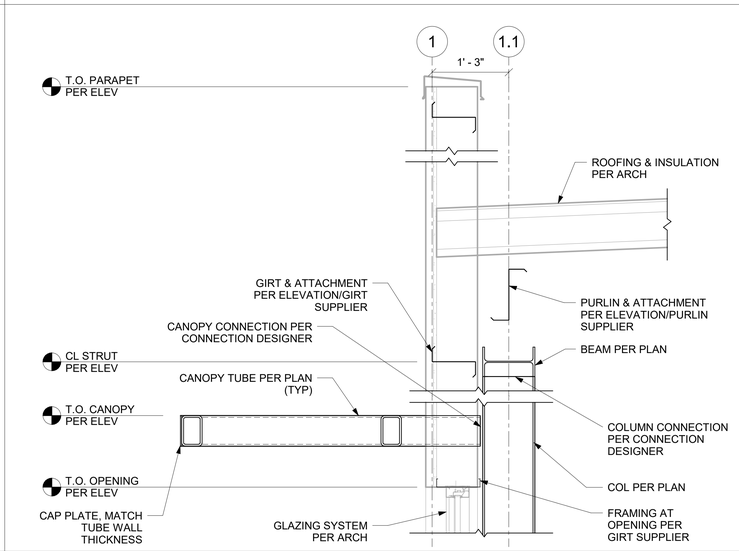
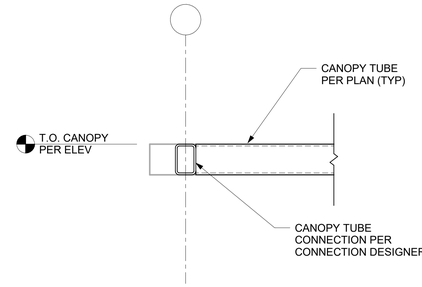
1" = 1'-0"



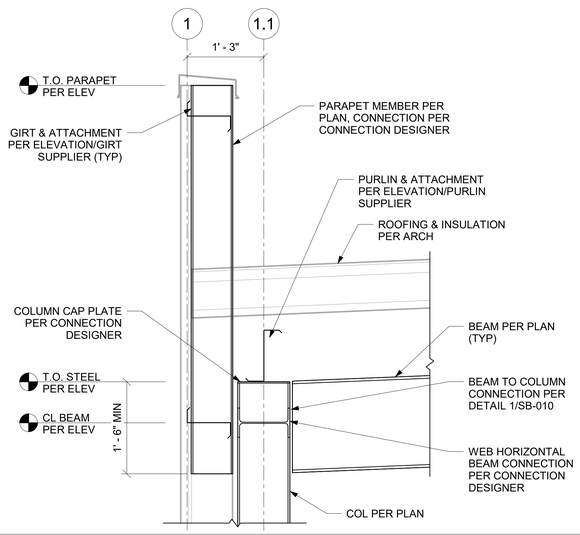
4 SB-310 SECTION @ LOW ROOF CANOPY
1" = 1'-0"



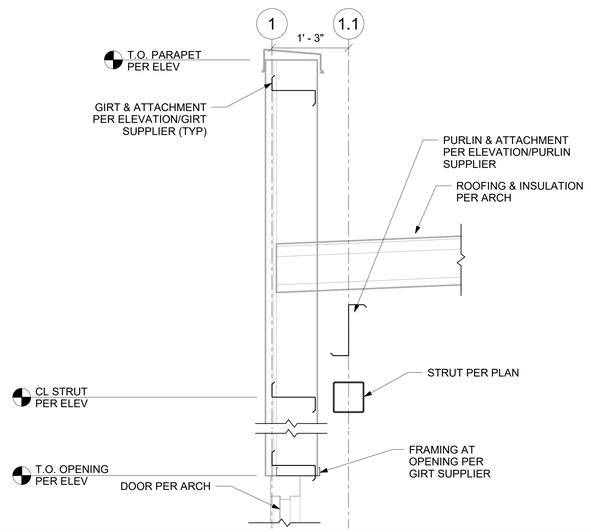
5 SB-310 SECTION @ LOW ROOF CANOPY
1" = 1'-0"



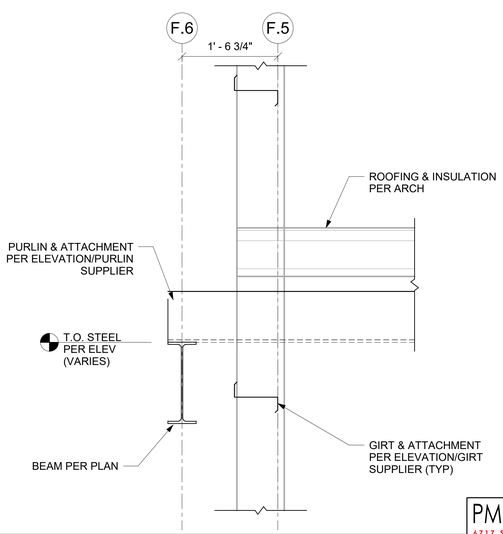
6 SB-310 SECTION @ LOW ROOF CANOPY
1" = 1'-0"



7 SB-310 SECTION @ LOW ROOF PARAPET
1" = 1'-0"



8 SB-310 SECTION @ LOW ROOF OPENING
1" = 1'-0"



9 SB-310 SECTION @ LOW ROOF SIDE WALL
1" = 1'-0"

PMA Engineering
6717 Shawnee Mission Pkwy
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3500 LAMAR AVENUE
MEMPHIS, TN. 38125
(901) 754-8000
WWW.VARCOPRUDEN.COM

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REV	DATE	CREATED BY	REVISION DESCRIPTION

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PROJECT: SIGNATURE STWEART (SWF) FBO TERMINAL AND HANGARTREET. NEW WINDSOR, NY 12553

BUILDER: YONKERS INDUSTRIES, INC.

SHEET TITLE: OFFICE SECTIONS

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06.27.2024

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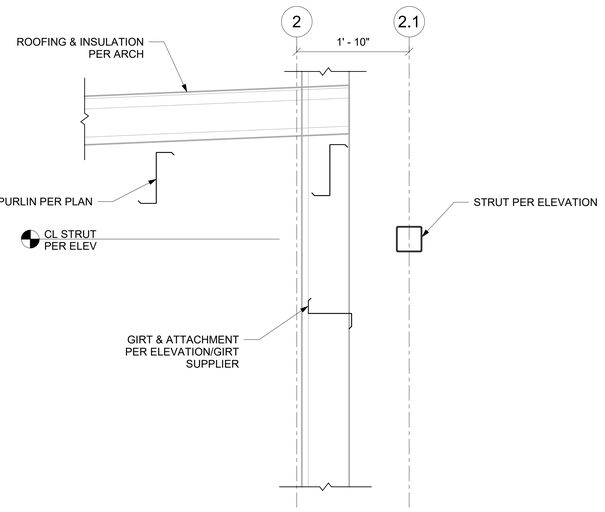
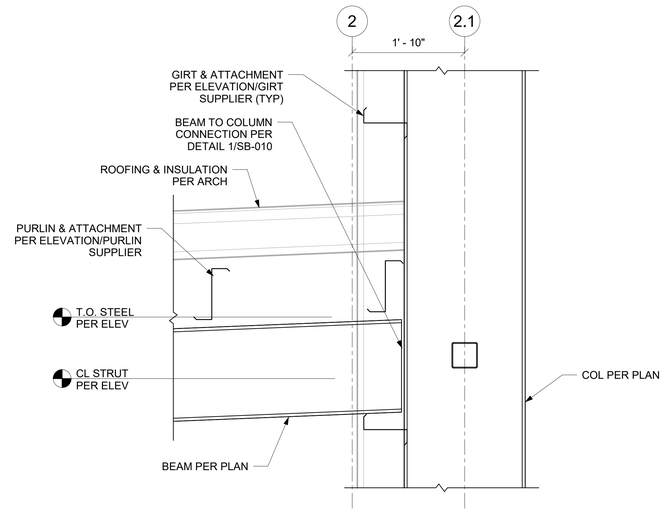
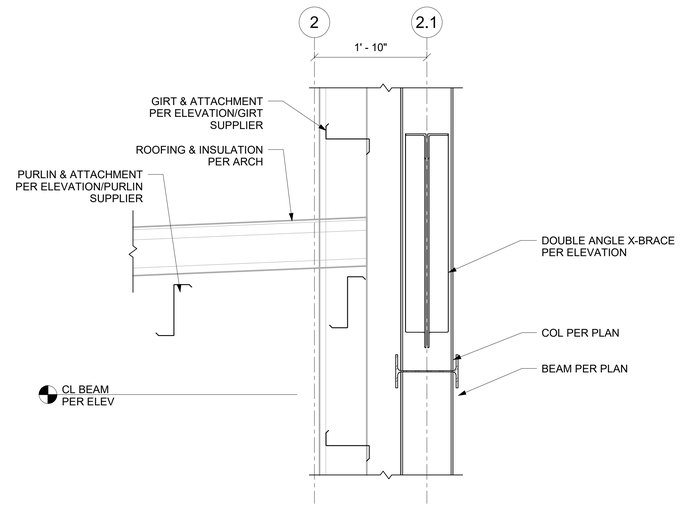
DESIGNED BY/ CHECKED BY:	DLH / FHS
RELEASE:	100% PERMIT SET
DATE:	06/27/2024
SHEET NO:	SB-310
ORDER NO:	24-008523



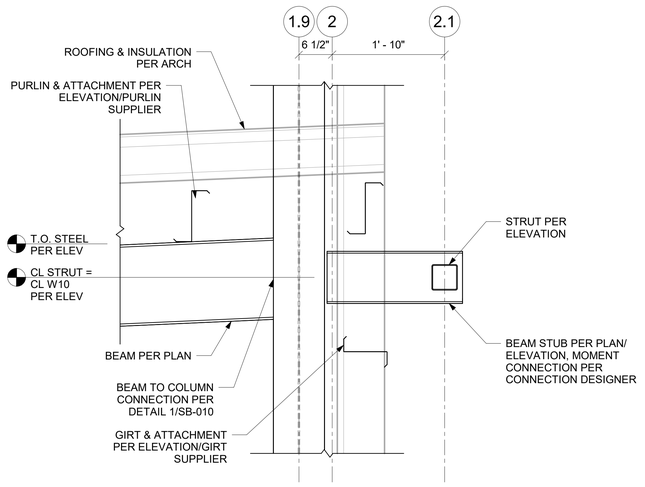
1 SB-311 SECTION @ LOW ROOF SIDE WALL
1" = 1'-0"



2 SB-311 SECTION @ LOW ROOF SIDE WALL
1" = 1'-0"



3 SB-311 SECTION @ LOW ROOF SIDE WALL
1" = 1'-0"



4 SB-311 SECTION @ LOW ROOF SIDE WALL
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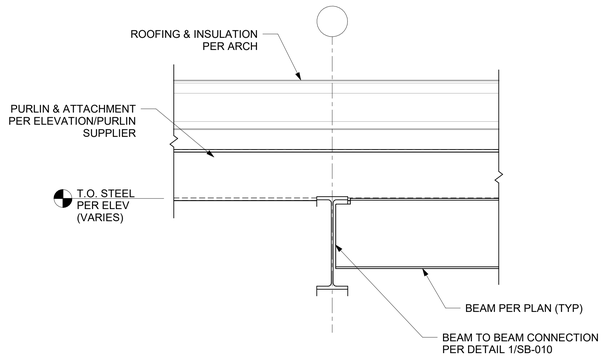
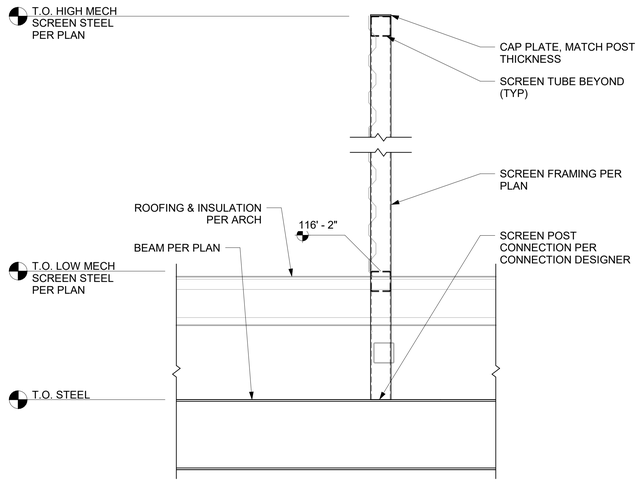


5 SB-311 SECTION @ LOW ROOF
1" = 1'-0"



6 SB-311 SECTION @ LOW ROOF MECH SCREEN
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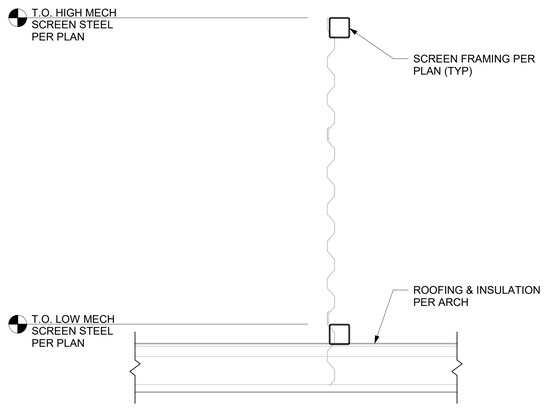
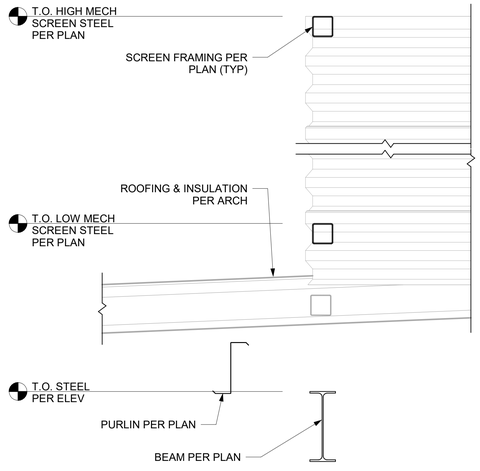
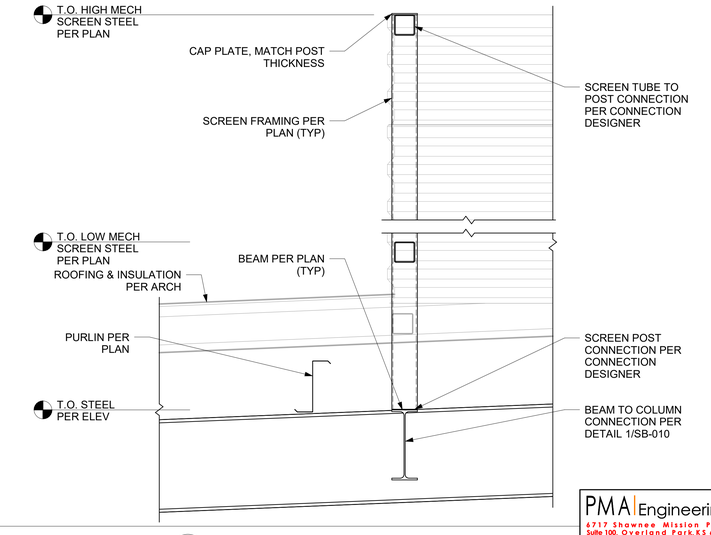


7 SB-311 SECTION @ LOW ROOF MECH SCREEN
1" = 1'-0"



8 SB-311 SECTION @ LOW ROOF MECH SCREEN
1" = 1'-0"



9 SB-311 SECTION @ LOW ROOF MECH SCREEN
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VARCO PRUDEN BUILDINGS
5295 LAMAR AVENUE
MEMPHIS, TN. 38125
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WWW.VARCOPRUDEN.COM
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06.27.2024

NAME:	DAVID M. MCNAGHTEN
LICENSE NO:	083727
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COMPANY:	PMA ENGINEERING
DRAWING SCALE:	AS NOTED
DESIGNED BY:	
CHECKED BY:	DLH / FHS
RELEASE:	100% PERMIT SET
DATE:	06/27/2024
SHEET NO:	SB-311
ORDER NO:	24-008523

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STRUCTURAL DESIGN CALCULATIONS
For

SIGNATURE STEWART (SWF) HANGAR

New Windsor, New York

June 27, 2024

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06.27.2024

It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer, to alter an item in any way.

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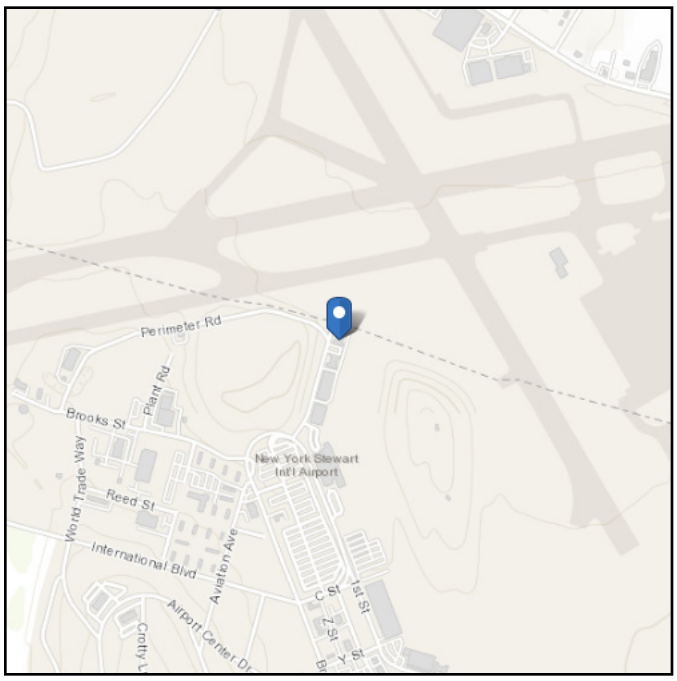
STRUCTURAL BUILDING CODE CHECKLIST

DATE:	April 15, 2024
RECORDED BY:	FHS
PROJECT NAME:	SWF Hangar
PROJECT NUMBER:	P24054
PROJECT ADDRESS:	1188 1st Street, New Windsor, NY 12553
BUILDING CODE IN FORCE:	2020 Building Code of New York State (Based on 2018 IBC)
LOCAL SNOW LOAD (Per code or Greater?):	30 PSF (per code)
MINIMUM ROOF LIVE LOAD:	20 PSF
LOCAL WIND SPEED (3-s gust under IBC):	113 MPH (use 115 MPH)
LOCAL SEISMIC ZONE:	Seismic Design Category B
FROST DEPTH or MINIMUM FOOTING DEPTH:	(Foundation Design by Others)
OTHER SPECIAL REQUIREMENTS:	-

ASCE Hazards Report

Address:
1188 First St
New Windsor, New York
12553

Standard:	ASCE/SEI 7-16	**Latitude:**	41.501922
Risk Category:	II	**Longitude:**	-74.100034
Soil Class:	D - Default (see Section 11.4.3)	**Elevation:**	458.96441509040415 ft (NAVD 88)



Wind

Results:

Wind Speed	113 Vmph
10-year MRI	75 Vmph
25-year MRI	84 Vmph
50-year MRI	89 Vmph
100-year MRI	94 Vmph

Data Source: ASCE/SEI 7-16, Fig. 26.5-1B and Figs. CC.2-1–CC.2-4, and Section 26.5.2
Date Accessed: Mon Apr 15 2024

Value provided is 3-second gust wind speeds at 33 ft above ground for Exposure C Category, based on linear interpolation between contours. Wind speeds are interpolated in accordance with the 7-16 Standard. Wind speeds correspond to approximately a 7% probability of exceedance in 50 years (annual exceedance probability = 0.00143, MRI = 700 years).

Site is not in a hurricane-prone region as defined in ASCE/SEI 7-16 Section 26.2.

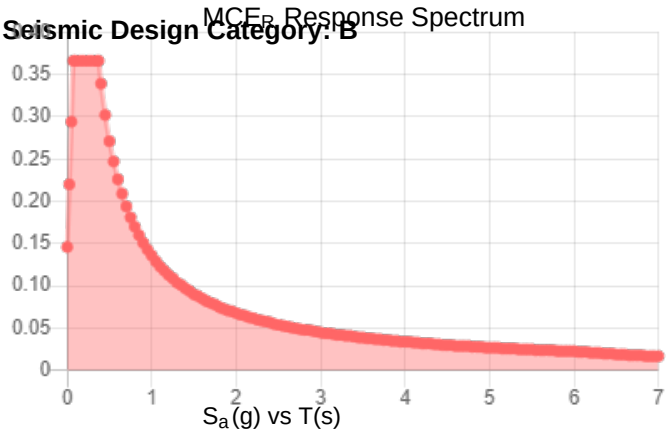
Seismic

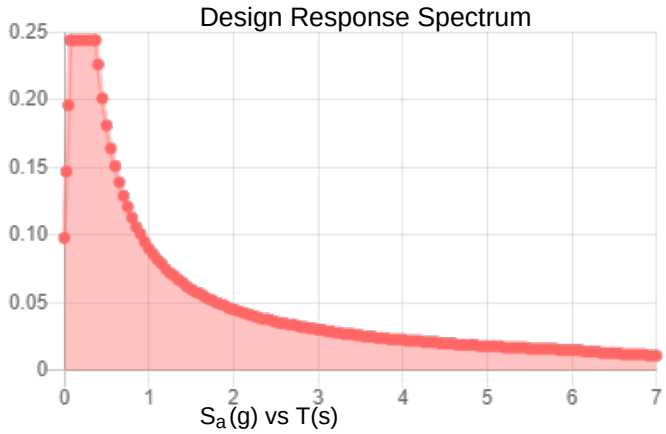
Site Soil Class: D - Default (see Section 11.4.3)

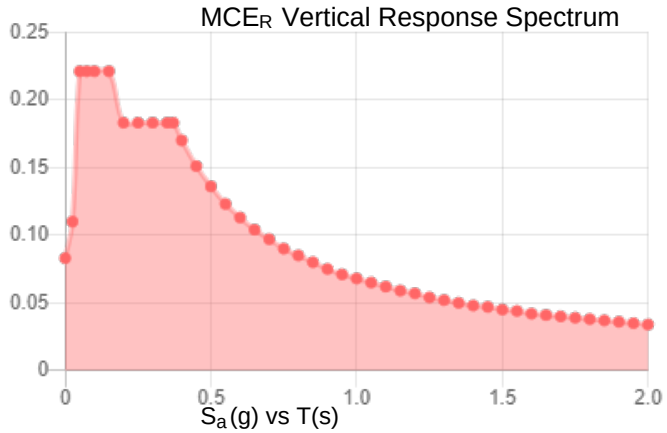
Results:

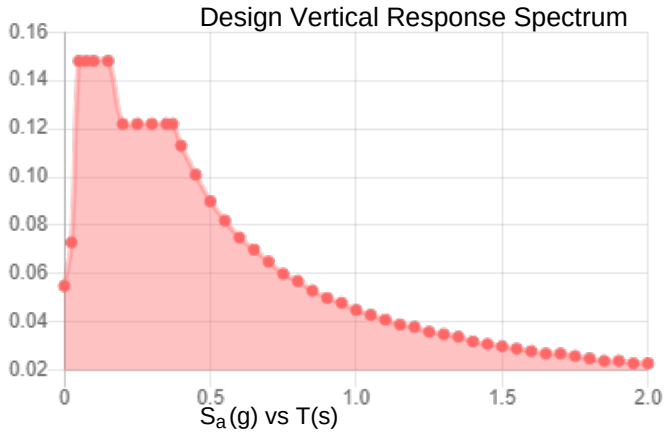
S_S :	0.229	S_{D1} :	0.09
S_1 :	0.057	T_L :	6
F_a :	1.6	PGA :	0.132
F_v :	2.4	PGA_M :	0.203
S_{MS} :	0.366	F_{PGA} :	1.535
S_{M1} :	0.136	I_e :	1
S_{DS} :	0.244	C_v :	0.757

Seismic Design Category: B









Data Accessed: **Mon Apr 15 2024**

Date Source:

USGS Seismic Design Maps based on ASCE/SEI 7-16 and ASCE/SEI 7-16 Table 1.5-2. Additional data for site-specific ground motion procedures in accordance with ASCE/SEI 7-16 Ch. 21 are available from USGS.

Ice

Results:

Ice Thickness:	1.00 in.
Concurrent Temperature:	15 F
Gust Speed	40 mph
Data Source:	Standard ASCE/SEI 7-16, Figs. 10-2 through 10-8
Date Accessed:	Mon Apr 15 2024

Ice thicknesses on structures in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

Values provided are equivalent radial ice thicknesses due to freezing rain with concurrent 3-second gust speeds, for a 500-year mean recurrence interval, and temperatures concurrent with ice thicknesses due to freezing rain. Thicknesses for ice accretions caused by other sources shall be obtained from local meteorological studies. Ice thicknesses in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

Snow

Results:

Ground Snow Load, p_g:	30 lb/ft^2
Mapped Elevation:	459.0 ft
Data Source:	ASCE/SEI 7-16, Table 7.2-8
Date Accessed:	Mon Apr 15 2024

Values provided are ground snow loads. In areas designated "case study required," extreme local variations in ground snow loads preclude mapping at this scale. Site-specific case studies are required to establish ground snow loads at elevations not covered.

Snow load values are mapped to a 0.5 mile resolution. This resolution can create a mismatch between the mapped elevation and the site-specific elevation in topographically complex areas. Engineers should consult the local authority having jurisdiction in locations where the reported ‘elevation’ and ‘mapped elevation’ differ significantly from each other.

Rain

Results:

15-minute Precipitation Intensity: 5.89 in./h

60-minute Precipitation Intensity: 2.53 in./h

Data Source: NOAA National Weather Service, Precipitation Frequency Data Server, Atlas 14 (https://www.nws.noaa.gov/oh/hdsc/)

Date Accessed: Mon Apr 15 2024

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STRUCTURAL CALCULATIONS

FOR

SWF Hangar

PMA Engineering
6717 Shawnee Mission Parkway, Suite 100
Overland Park, KS 66202
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Code Search

Code: International Building Code 2018

Occupancy:

Occupancy Group = B Business

Risk Category & Importance Factors:

Risk Category =	II
Wind factor =	1.00
Snow factor =	1.00
Seismic factor =	1.00

Type of Construction:

Fire Rating:

Roof =	0.0 hr
Floor =	0.0 hr

Building Geometry:

Roof angle (θ)	0.50 / 12	2.4 deg
Building length	270.0 ft	
Least width	155.0 ft	
Mean Roof Ht (h)	62.0 ft	
Parapet ht above grd	18.0 ft	
Minimum parapet ht	3.0 ft	

Live Loads:

Roof
0 to 200 sf: 20 psf
200 to 600 sf: 24 - 0.02Area, but not less than 12 psf
over 600 sf: 12 psf

Floor:

Typical Floor	50 psf
Partitions	15 psf
Corridors above first floor	80 psf
Lobbies & first floor corridors	100 psf
Stairs and exit ways	100 psf

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JOB TITLE	SWF Hangar 1188 1st Street, New Windsor, NY		009
JOB NO.	P24054	**SHEET NO.**	
CALCULATED BY	ZRR	**DATE**	3/1/24
CHECKED BY	FHS	**DATE**	4/15/24

Wind Loads : ASCE 7- 16

Ultimate Wind Speed	115 mph
Nominal Wind Speed	89.1 mph
Risk Category	II
Exposure Category	C
Enclosure Classif.	Enclosed Building
Internal pressure	+/-0.18
Directionality (Kd)	0.85
Kh case 1	1.144
Kh case 2	1.144
Type of roof	Monoslope

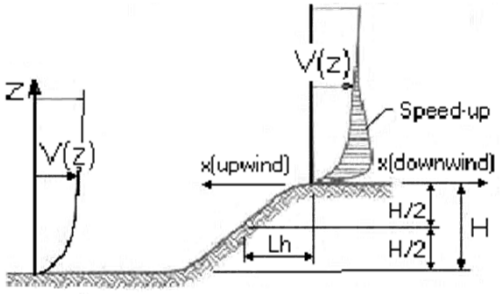
Topographic Factor (Kzt)

Topography		Flat
Hill Height	(H)	80.0 ft
Half Hill Length (Lh)		100.0 ft
Actual H/Lh	=	0.80
Use H/Lh	=	0.50
Modified Lh	=	160.0 ft
From top of crest: x =		50.0 ft
Bldg up/down wind?		downwind

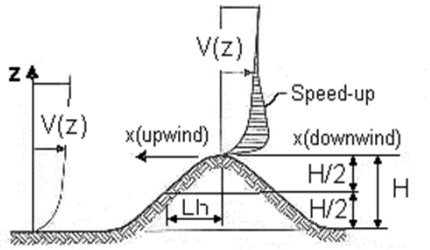
H/Lh= 0.50 K_1 = 0.000
x/Lh = 0.31 K_2 = 0.792
z/Lh = 0.39 K_3 = 1.000

At Mean Roof Ht:

Kzt = $(1+K_1K_2K_3)^2$ = 1.00



ESCARPMENT



2D RIDGE or 3D AXISYMMETRICAL HILL

Gust Effect Factor

h = 62.0 ft
B = 155.0 ft
/z (0.6h) = 37.2 ft

Flexible structure if natural frequency < 1 Hz (T > 1 second).
If building h/B>4 then may be flexible and should be investigated.
h/B = 0.40

G = 0.85 Using rigid structure formula

Rigid Structure

$\bar{e}$ =	0.20
ℓ =	500 ft
z_{min} =	15 ft
c =	0.20
g_Q, g_v =	3.4
L_z =	512.1 ft
Q =	0.86
I_z =	0.20
G =	**0.85** use G = 0.85

Flexible or Dynamically Sensitive Structure

Natural Frequency (η_1) =	0.0 Hz				
Damping ratio (β) =	0				
/b =	0.65				
/α =	0.15				
Vz =	111.7				
N_1 =	0.00				
R_n =	0.000				
R_h =	28.282	η =	0.000	h =	62.0 ft
R_B =	28.282	η =	0.000		
R_L =	28.282	η =	0.000		
g_R =	0.000				
R =	0.000				
Gf =	0.000				

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Enclosure Classification

Test for Enclosed Building: Ao < 0.01Ag or 4 sf, whichever is smaller

Test for Open Building: All walls are at least 80% open.
Ao ≥ 0.8Ag

Test for Partially Enclosed Building: Predominately open on one side only

	Input			Test	
Ao	9900.0	sf	Ao ≥ 1.1Aoi	YES	
Ag	17600.0	sf	Ao > 4' or 0.01Ag	YES	
Aoi	0.0	sf	Aoi / Agi ≤ 0.20	YES	Building IS
Agi	76200.0	sf			Partially Enclosed

Conditions to qualify as Partially Enclosed Building. Must satisfy all of the following:
Ao ≥ 1.1Aoi
Ao > smaller of 4' or 0.01 Ag
Aoi / Agi ≤ 0.20
Where:
Ao = the total area of openings in a wall that receives positive external pressure.
Ag = the gross area of that wall in which Ao is identified.
Aoi = the sum of the areas of openings in the building envelope (walls and roof) not including Ao.
Agi = the sum of the gross surface areas of the building envelope (walls and roof) not including Ag.

Test for Partially Open Building: A building that does not qualify as open, enclosed or partially enclosed.
(This type building will have same wind pressures as an enclosed building.

Reduction Factor for large volume partially enclosed buildings (Ri) :

If the partially enclosed building contains a single room that is unpartitioned , the internal pressure coefficient may be multiplied by the reduction factor Ri.

Total area of all wall & roof openings (Aog): 0 sf
Unpartitioned internal volume (Vi) : 0 cf
Ri = 1.00

Ground Elevation Factor (Ke)

Grd level above sea level = 0.0 ft Ke = 1.0000
Constant = 0.00256 Adj Constant = 0.00256

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JOB TITLE	SWF Hangar		011
	1188 1st Street, New Windsor, NY		
JOB NO.	P24054	**SHEET NO.**	
CALCULATED BY	ZRR	**DATE**	3/1/24
CHECKED BY	FHS	**DATE**	4/15/24

Wind Loads - MWFRS all h (Except for Open Buildings)

Kh (case 2) =	1.14			GCpi =	+/-0.18
Base pressure (q_h) =	**32.9 psf**	Bldg dim parallel to ridge =	270.0 ft	G =	0.85
Roof Angle (θ) =	2.4 deg	Bldg dim normal to ridge =	155.0 ft	qi = qh	
Roof tributary area:		h =	62.0 ft		
Wind normal to ridge =(h/2)*L:	8370 sf	ridge ht =	65.2 ft		
Wind parallel to ridge =(h/2)*L:	4805 sf				

Ultimate Wind Surface Pressures (psf)

	Wind Normal to Ridge				Wind Parallel to Ridge				
	L/B = 0.57		h/L = 0.40			L/B = 1.74		h/L = 0.23	
Surface	Cp	q_hGC_p	w/+q_iGC_{pi}	w/-q_hGC_{pi}	Dist.*	Cp	q_hGC_p	w/ +q_iGC_{pi}	w/ -q_hGC_{pi}
Windward Wall (WW)	0.80	22.4	see table below			0.80	22.4	see table below	
Leeward Wall (LW)	-0.50	-14.0	-19.9	-8.1		-0.35	-9.8	-15.8	-3.9
Side Wall (SW)	-0.70	-19.6	-25.5	-13.7		-0.70	-19.6	-25.5	-13.7
Leeward Roof (LR)		**				Included in windward roof			
Neg Windward Roof: 0 to h/2*	-0.90	-25.2	-31.1	-19.3	0 to h/2*	-0.90	-25.2	-31.1	-19.3
h/2 to h*	-0.90	-25.2	-31.1	-19.3	h/2 to h*	-0.90	-25.2	-31.1	-19.3
h to 2h*	-0.50	-14.0	-19.9	-8.1	h to 2h*	-0.50	-14.0	-19.9	-8.1
> 2h*	-0.30	-8.4	-14.3	-2.5	> 2h*	-0.30	-8.4	-14.3	-2.5
Pos/min windward roof press.	-0.18	-5.0	-11.0	0.9	Min press.	-0.18	-5.0	-11.0	0.9

**Roof angle < 10 degrees. Therefore, leeward roof is included in windward roof pressure zones.

*Horizontal distance from windward edge

For monoslope roofs, entire roof surface is either windward or leeward surface.

Parapet

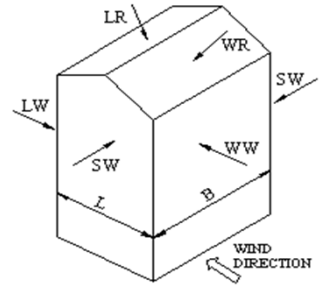
z	Kz	Kzt	qp (psf)
18.0 ft	0.88	1.00	25.4

Windward parapet: 38.1 psf (GCpn = +1.5)
Leeward parapet: -25.4 psf (GCpn = -1.0)

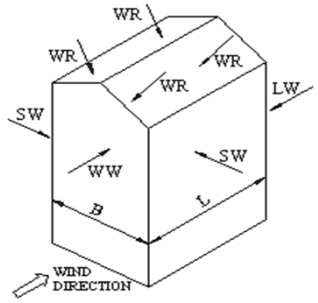
Windward roof overhangs : 22.4 psf (upward - add to windward roof pressure)

Windward Wall Pressures at "z" (psf)

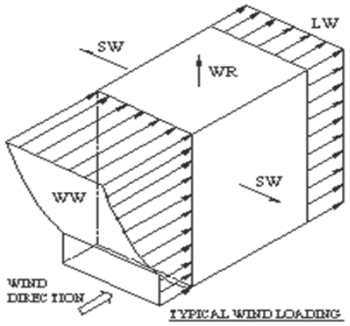
	z	Kz	Kzt	Windward Wall q_zGC_p	Windward Wall w/+q_iGC_{pi}	Windward Wall w/-q_hGC_{pi}	Combined WW + LW Wind Normal to Ridge	Combined WW + LW Wind Parallel to Ridge
	0 to 15'	0.85	1.00	16.6	10.7	22.5	30.6	26.5
	23.0 ft	0.93	1.00	18.2	12.2	24.1	32.2	28.0
	34.5 ft	1.01	1.00	19.8	13.9	25.7	33.8	29.6
	46.0 ft	1.07	1.00	21.0	15.1	27.0	35.0	30.9
	60.0 ft	1.14	1.00	22.2	16.3	28.2	36.2	32.1
h=	62.0 ft	1.14	1.00	22.4	16.5	28.3	36.4	32.2
ridge =	65.2 ft	1.16	1.00	22.6	16.7	28.6	36.6	32.5



WIND NORMAL TO RIDGE

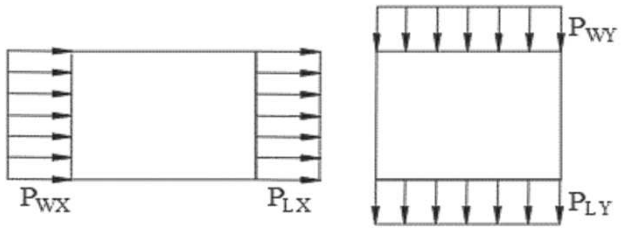


WIND PARALLEL TO RIDGE

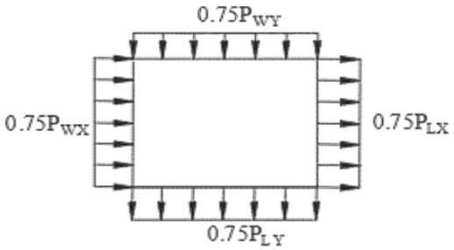


TYPICAL WIND LOADING

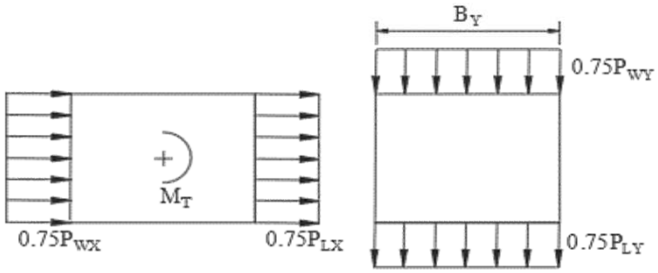
NOTE: ASCE 7 requires the application of full and partial loading of the wind pressures per the 4 cases below.



CASE 1



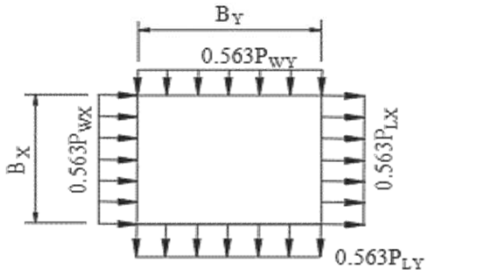
CASE 3



$M_T = 0.75(P_{WX}+P_{LX})B_X e_X$
$e_X = \pm 0.15\ B_X$

$M_T = 0.75(P_{WY}+P_{LY})B_Y e_Y$
$e_Y = \pm 0.15\ B_Y$

CASE 2



$M_T = 0.563(P_{WX}+P_{LX})B_X e_X + 0.563(P_{WY}+P_{LY})B_Y e_Y$
$e_X = \pm 0.15\ B_X$ $e_Y = \pm 0.15\ B_Y$

CASE 4

Wind Forces at Floors

Building dimension (parallel with ridge) = 270.0 ft e = 40.50 ft
Total Floors = 1 Building dimension (normal to ridge) = 155.0 ft e = 23.25 ft
T/Fdn (dist below grade) = 2.0 ft L is the building dimension parallel to the wind direction

	Elevation	Height of	Wind Normal to Ridge						Wind Parallel to Ridge			
	Above	Centroid				Applied	Story	Overturning		Applied	Story	Overturning
Level	Grade (ft)	to Fdn (ft)	L	B	Area (sf)	Force (k)	Shear (k)	Moment ('k)	Area	Force (k)	Shear (k)	Moment ('k)
Equip,etc		0.00	wind on equip, screenwalls, etc =					0.0				
Parapet	18.00	18.50	155.0	270.0	810.0	51.4		0.0	465.0	29.5		
T/Ridge	0.00	0.00			0.0	0.0		0.0	0.0	0.0		0.0
Roof	15.00	17.00	155.0	270.0	2,025.0	62.0	113.4	77.1	1,162.5	30.8	60.3	44.3
1	0.00	2.00	155.0	270.0	2,025.0	62.0	175.4	1,777.9	1,162.5	30.8	91.0	948.2
FDN		0.00						2,128.6				1,130.3

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Overland Park, KS 66202
913-831-1262
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JOB TITLE	SWF Hangar		013
	1188 1st Street, New Windsor, NY		
JOB NO.	P24054	**SHEET NO.**	
CALCULATED BY	ZRR	**DATE**	3/1/24
CHECKED BY	FHS	**DATE**	4/15/24

Wind Loads - Other Structures: ASCE 7- 16 Ultimate Wind Pressures

Wind Factor =	1.00		
Gust Effect Factor (G) =	0.85	Ultimate Wind Speed =	115 mph
Kzt =	1.00	Exposure =	C

A. Solid Freestanding Walls & Solid Signs (& open signs with less than 30% open)

		s/h =	0.83	**Case A & B**	
Dist to sign top (h)	6.0 ft	B/s =	8.70	C_f =	1.46
Height (s)	5.0 ft	Lr/s =	3.20	F = qz G Cf As =	**30.3 As**
Width (B)	43.5 ft	Kz =	0.849	As =	10.0 sf
Wall Return (Lr) =	16.0 ft	qz =	24.4 psf	F =	303 lbs
Directionality (Kd)	0.85				
Percent of open area		Open reduction		**CaseC**	
to gross area	0.0%	factor =	1.00		

Case C reduction factors		Horiz dist from windward edge	Cf	F=qzGCfAs (psf)
		0 to s	2.10	43.6 **As**
Factor if s/h>0.8 =	0.97	s to 2s	2.26	46.9 **As**
Wall return factor		2s to 3s	1.68	34.8 **As**
for Cf at 0 to s =	0.60	3s to 10s	0.98	20.4 **As**

B. Open Signs & Single-Plane Open Frames (openings 30% or more of gross area)

Height to centroid of Af (z)	15.0 ft			Kz =	0.849
				Base pressure (qz) =	24.4 psf
Width (zero if round)	0.0 ft				
Diameter (zero if rect)	2.0 ft	D(qz)^.5 =	9.89	$F = q_z G C_f A_f$ =	**22.8 Af**
Percent of open area		Ī =	0.65	Solid Area: A_f =	10.0 sf
to gross area	35.0%	C_f =	1.1	F =	228 lbs
Directionality (Kd)	0.85				

C. Chimneys, Tanks, & Similar Structures

Height to centroid of Af (z)	15.0 ft			Kz =	0.849
Cross-Section	Square			Base pressure (qz) =	25.9 psf
Directionality (Kd)	0.90				h/D = 15.00
Height (h)	15.0 ft				
Width (D)	1.0 ft				
Type of Surface	N/A				

Square (wind along diagonal)			Square (wind normal to face)	
Cf =	1.28		C_f =	1.67
F = qz G Cf Af =	**28.1 Af**		$F = q_z G C_f A_f$ =	**36.6 Af**
Af =	sf		A_f =	10.0 sf
F =	0 lbs		F =	366 lbs

D. Trussed Towers

Height to centroid of Af (z)	15.0 ft			Kz =	0.849
∈ =	0.27			Base pressure (qz) =	27.3 psf
Tower Cross Section	triangle				
Member Shape	flat			Diagonal wind factor =	1
Directionality (Kd)	0.95			Round member factor =	1.000

Triangular Cross Section			
		C_f =	2.38
		$F = q_z G C_f A_f$ =	**55.2 Af**
~~10.0~~		Solid Area: A_f =	10.0 sf
		F =	552 lbs

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CHECKED BY	FHS	**DATE**	4/15/24

Ultimate Wind Pressures

Wind Loads - Components & Cladding : h > 60'

Kh (case 2) =	1.14	h =	62.0 ft
Base pressure (qh) =	**32.9 psf**	a =	15.5 ft
Minimum parapet ht =	3.0 ft	GCpi =	+/-0.18
Roof Angle (θ) =	2.4 deg	qi = qh =	32.9 psf

Roof

	GCp				Surface Pressure (psf)				User input	
Area	10 sf	50 sf	100 sf	500 sf	10 sf	50 sf	100 sf	500 sf	10 sf	150 sf
Negative Zone 1	-1.4	-1.19	-1.11	-0.9	-52.0	-45.3	-42.3	-35.6	-52.0	-40.6
Negative Zone 2	-2.3	-2.01	-1.89	-1.6	-81.7	-72.2	-68.1	-58.6	-81.7	-65.7
Negative Zone 3	-2.3	-2.01	-1.89	-1.6	-81.7	-72.2	-68.1	-58.6	-81.7	-65.7
Positive All Zones	-	-	-	-	16.0	16.0	16.0	16.0	16.0	16.0

Negative zone 3 = zone 2, since parapet >= 3ft.

Parapet

qp = 25.4 psf

	Surface Pressure (psf)						User input
Solid Parapet Pressure	10 sf	20 sf	50 sf	100 sf	200 sf	500 sf	20 sf
CASE A : Edge zones:	81.2	78.1	71.8	67.0	62.2	55.8	78.1
Corner zones:	81.2	78.1	71.8	67.0	62.2	55.8	78.1
CASE B : Edge zones:	-45.7	-45.7	-42.1	-39.3	-36.6	-33.0	-45.7
Corner zones:	-68.5	-68.5	-60.6	-54.6	-48.6	-40.6	-68.5

Walls

	GCp				Surface Pressure at h				User input	
Area	20 sf	100 sf	200 sf	500 sf	20 sf	100 sf	200 sf	500 sf	20 sf	55 sf
Negative Zone 4	-0.90	-0.80	-0.76	-0.70	-35.6	-32.3	-30.9	-29.0	-35.6	-33.5
Negative Zone 5	-1.80	-1.40	-1.23	-1.00	-65.2	-52.0	-46.4	-38.9	-65.2	-56.9
Positive Zone 4 & 5	0.90	0.75	0.69	0.60	35.6	30.6	28.5	25.7	35.6	32.5

NOTE: Negative zones 4 & 5 pressures apply to all heights. Positive pressures vary with height, see below.

	Wall surface pressure at 'z'				Positive zone 4 & 5 (psf)				User input	
	z	Kz	Kzt	qz (psf)	20	100	200	500	20 sf	55 sf
	0 to 15'	0.85	1.00	24.4	27.9	24.2	22.7	20.6	27.9	25.6
	20.0 ft	0.90	1.00	26.0	29.3	25.4	23.7	21.5	29.3	26.8
	25.0 ft	0.95	1.00	27.2	30.4	26.3	24.6	22.2	30.4	27.8
	30.0 ft	0.98	1.00	28.3	31.4	27.1	25.3	22.9	31.4	28.7
	40.0 ft	1.04	1.00	30.0	33.0	28.5	26.5	23.9	33.0	30.1
	50.0 ft	1.09	1.00	31.5	34.3	29.5	27.5	24.8	34.3	31.3
	60.0 ft	1.14	1.00	32.7	35.4	30.5	28.3	25.6	35.4	32.3
h =	62.0 ft	1.14	1.00	32.9	35.6	30.6	28.5	25.7	35.6	32.5
ridge =	65.2 ft	1.16	1.00	33.3	35.9	30.9	28.7	25.9	35.9	32.7

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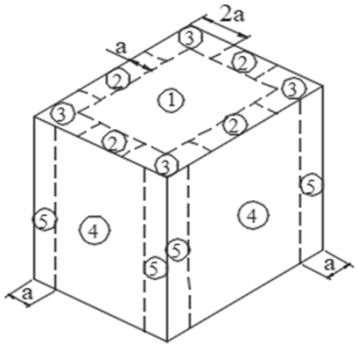
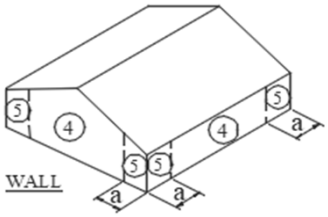
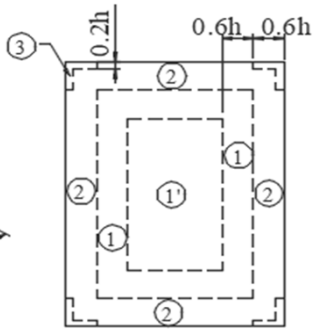
Location of C&C Wind Pressure Zones - ASCE 7-16



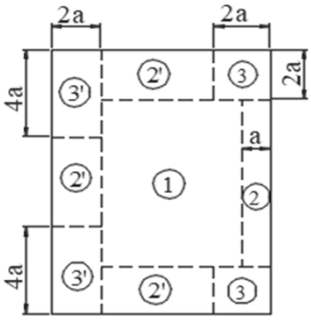
Roofs w/ θ ≤ 10°
and all walls
h > 60'



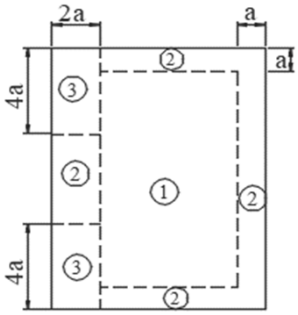
Walls h ≤ 60'
& alt design h<90'



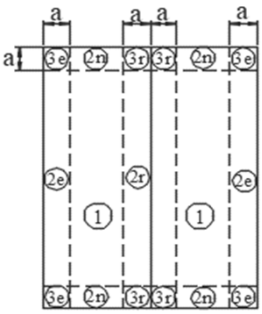
Gable, Sawtooth and
Multispan Gable θ ≤ 7 degrees &
Monoslope ≤ 3 degrees
h ≤ 60' & alt design h<90'



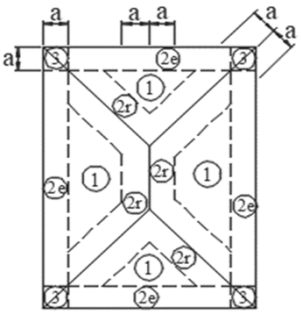
Monoslope roofs
3° < θ ≤ 10°
h ≤ 60' & alt design h<90'



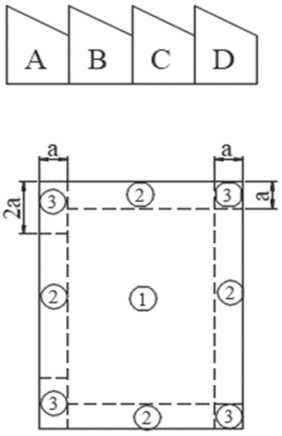
Monoslope roofs
10° < θ ≤ 30°
h ≤ 60' & alt design h<90'



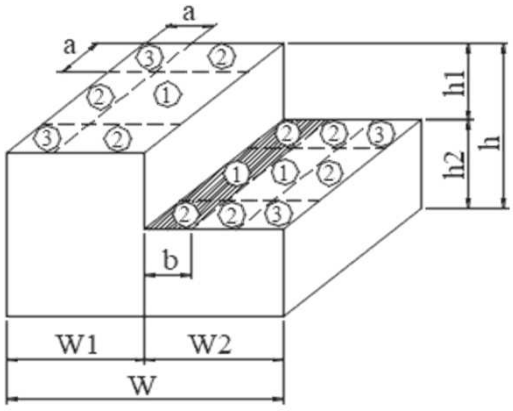
Multispan Gable &
Gable 7° < θ ≤ 45°

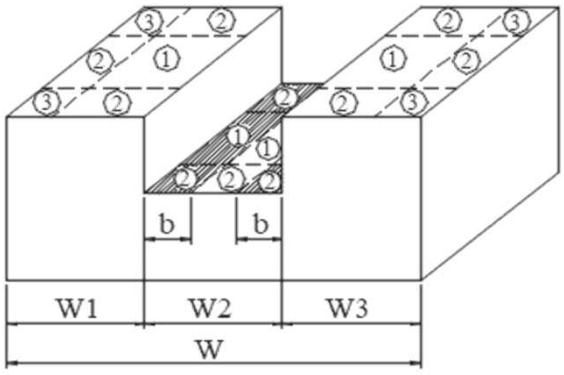


Hip 7° < θ ≤ 27°



Sawtooth 10° < θ ≤ 45°
h ≤ 60' & alt design h<90'





Stepped roofs θ ≤ 3°
h ≤ 60' & alt design h<90'

Note: The stepped roof zones above are as shown in ASCE 7-16 (except the upper roof zones 1 and 2 are shown at the inside edge per the notes). Prior editions didn't show zones, but the notes sent you to the low slope gable figure. The note in ASCE 7-16 still sends you to the low slope gable figure, but for some reasons the zones shown are per editions prior to ASCE 7-16. Therefore, the above zones may be a code mistake and the correct zone locations may be per the low slope gable roof shown at the top of this page.

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JOB NO.	P24054	**SHEET NO.**	
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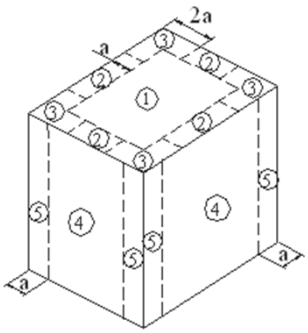
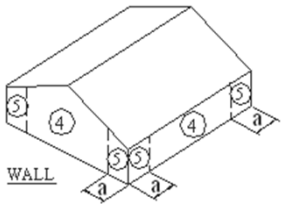
CHECKED BY	FHS	**DATE**	4/15/24

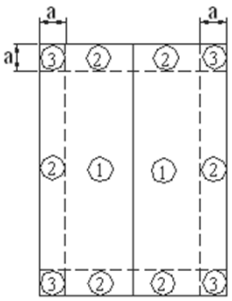
Location of C&C Wind Pressure Zones - ASCE 7-10 & earlier



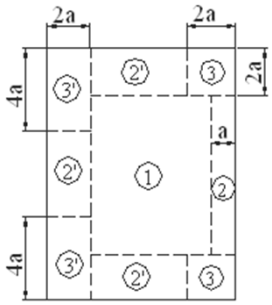
Roofs w/ θ ≤ 10°
and all walls
h > 60'



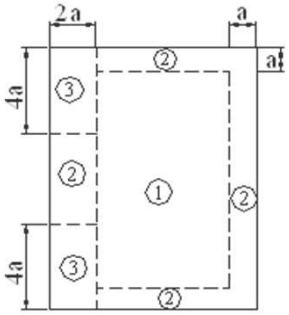
Walls h ≤ 60'
& alt design h<90'



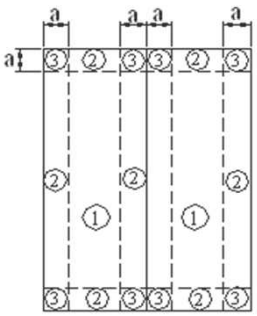
Gable, Sawtooth and
Multispan Gable θ ≤ 7 degrees &
Monoslope ≤ 3 degrees
h ≤ 60' & alt design h<90'



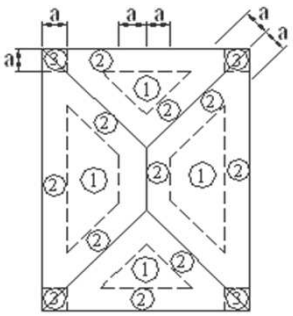
Monoslope roofs
3° < θ ≤ 10°
h ≤ 60' & alt design h<90'



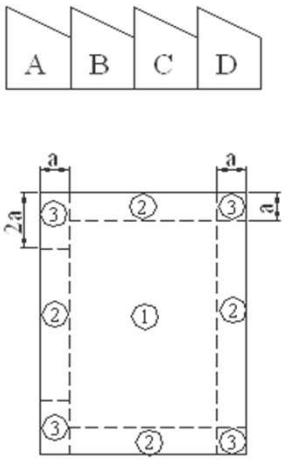
Monoslope roofs
10° < θ ≤ 30°
h ≤ 60' & alt design h<90'



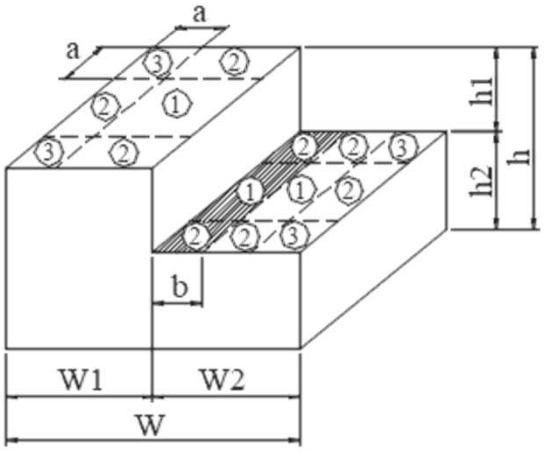
Multispan Gable &
Gable 7° < θ ≤ 45°

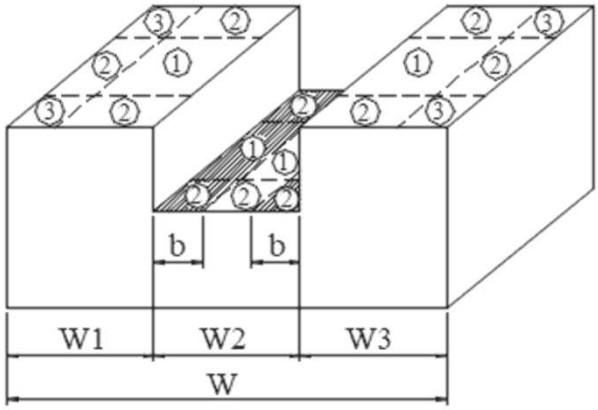


Hip 7° < θ ≤ 27°



Sawtooth 10° < θ ≤ 45°
h ≤ 60' & alt design h<90'





Stepped roofs θ ≤ 3°
h ≤ 60' & alt design h<90'

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Wind Loads - Rooftop Structures & Canopies

Ultimate Wind Pressures

Building (L) = 270.0 ft
Building (B) = 155.0 ft

Directionality (Kd) = 0.85

Rooftop Structures & Equipment #1

Equipment length parallel to L = 15.0 ft
Equipment length parallel to B = 10.0 ft
Height of equipment = 10.0 ft ~~10.0~~

Base pressure (qh) = **32.9** psf

Vertical wind pressure		Wind normal to building B		Wind normal to building L	
Ar =	150.0 sf	Af =	100.0 sf	Af =	150.0 sf
GCr =	1.500	GCr =	1.90	GCr =	1.90
F = qhGCr Ar =	**49.4** Ar (psf)	F = qhGCr Af =	**62.6** Af (psf)	F = qhGCr Af =	**62.6** Af (psf)
Fv =	**7.4** kips	Fh =	**6.3** kips	Fh =	**9.4** kips

Rooftop Structures & Equipment #2

Equipment length parallel to L = 15.0 ft
Equipment length parallel to B = 10.0 ft
Height of equipment = 10.0 ft ~~10.0~~

Base pressure (qh) = **32.9** psf

Vertical wind pressure		Wind normal to building B		Wind normal to building L	
Ar =	150.0 sf	Af =	100.0 sf	Af =	150.0 sf
GCr =	1.500	GCr =	1.90	GCr =	1.90
F = qhGCr Ar =	**49.4** Ar (psf)	F = qhGCr Af =	**62.6** Af (psf)	F = qhGCr Af =	**62.6** Af (psf)
Fv =	**7.4** kips	Fh =	**6.3** kips	Fh =	**9.4** kips

Attached Canopies on Buildings with h ≤ 60 ft

Mean Roof Ht (h)= 62.0 ft
Mean eave height (he) = 18.0 ft
Mean Canopy height (hc) = 9.7 ft

hc/he = 0.54

Base pressure (qh) = **32.9 psf**
h>60 - height exceeds procedure limits

	C&C Surface Pressure (psf)				User input
Area	10 sf	20 sf	50 sf	100 sf	50 sf
Separate Individual Surfaces:					
Upper surface negative pressure	-37.9	-33.9	-28.7	-24.7	-28.7
Lower surface negative pressure	-26.3	-24.9	-22.9	-21.4	-22.9
Upper or Lower surface pos pressure	26.3	24.4	21.7	19.8	21.7
Combined Upper & Lower Surfaces (net):					
Negative pressure	-29.6	-27.2	-23.9	-21.4	-23.9
Positive pressure	29.6	27.2	23.9	21.4	23.9

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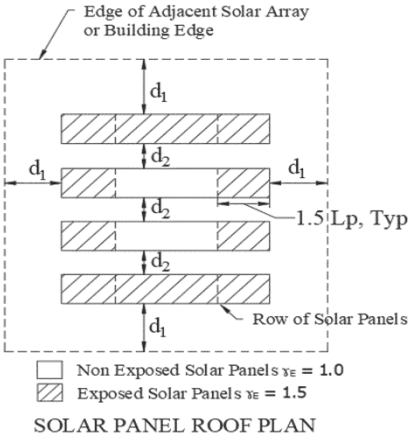
Wind Pressures on Solar Panels

Ultimate Wind Pressures

Roof angle θ =	2.4 deg
Mean Roof Ht h =	62.0 ft
Mean parapet height above roof hpt =	0.00 ft
Panel edge to adjacent array or bldg edge d1 =	6.00 ft
Panel edge to adjacent panel edge d2 =	0.13 ft
Panel chord length Lp =	5.42 ft
Dist from roof to lowest panel edge h1 =	1.00 ft
Dist from roof to highest panel edge h2 =	3.00 ft
Solar panel angle to roof surface ω =	21.7 deg



SOLAR PANEL ROOF PLAN

Panels parallel to roof (ω ≤ 2 deg) all heights & roof slope

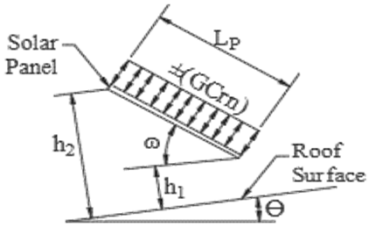
Procedure not allowed, panel angle > 2 deg.

Wind pressure = $q_h(GCp)(\gamma_E)(\gamma_a)$

Calculate panel pressure by subtracting 5.93 psf (internal pressure) from the wind the wind roof pressures and then multiply by the following factors (but 16 psf min):

	Adjustment Factor				User Input	
Location	<10 sf	20 sf	50 sf	>100 sf	75 sf	
Exposed Panel Uplift	1.20	1.02	0.78	0.60	0.67	γ_E = 1.5
Non exposed Uplift	0.80	0.68	0.52	0.40	0.45	γ_E = 1.0
All panels downward	0.80	0.68	0.52	0.40	0.45	γ_E = 1.0

A panel is exposed if d1 to the roof edge is greater than 0.5h = 31.0 ft
and either 1) d1 to the adjancent array is greater than 4 ft
or 2) d2 to the next adjacent panel is greater than 4 ft



SOLAR PANEL ELEVATION

Panels not parallel to roof - all heights & roof slope < 7 deg

Procedure only applies if clear distance between the roof and the panels is at least 6 ft

Wind pressure = $q_h(GC_{rn})$ $(GC_{rn})=(\gamma_p)(\gamma_c)(\gamma_E)(GC_{rn})_{nom}$

γ_p = 0.900 γ_c = 0.925 q_h = **32.93** psf

"A" is the effective wind area of the solar panel being considered

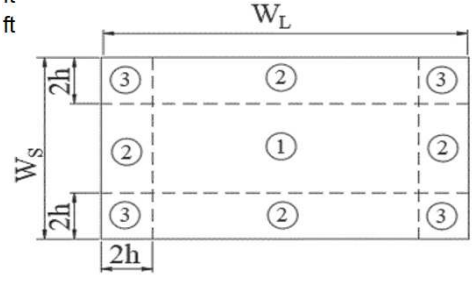
Normalized wind area An = A * 1,000 / (max Lb or 15)^2 = 0.373 A

Lb = minimum of $0.4(hW_L)^{0.5}$ or h or Ws = 51.8 ft

		Wind pressure for normalized area An						User input	
	Location	0 sf	10 sf	100 sf	500 sf	1000 sf	5000 sf	10 sf	1000 sf
								A =	
								An =	4 sf	373 sf
Exposed Zones									
γ_E = 1.5	Zone 1	-82.3	-60.3	-38.4	-23.0	-19.8	-16.0	-60.3	-19.8
	Zone 2	-119.3	-84.5	-50.5	-26.7	-23.6	-16.5	-84.5	-23.6
	Zone 3	-143.9	-102.8	-61.7	-32.9	-29.2	-20.6	-102.8	-29.2
Non Exposed Zones									
γ_E = 1.0	Zone 1	-54.8	-40.2	-25.6	-16.0	-16.0	-16.0	-40.2	-16.0
	Zone 2	-79.5	-56.3	-33.7	-17.8	-16.0	-16.0	-56.3	-16.0
	Zone 3	-96.0	-68.5	-41.1	-21.9	-19.5	-16.0	-68.5	-19.5
All Zones									
γ_E = 1.0	Zone 1	54.8	40.2	25.6	16.0	16.0	16.0	40.2	16.0
	Zone 2	79.5	56.3	33.7	17.8	16.0	16.0	56.3	16.0
	Zone 3	96.0	68.5	41.1	21.9	19.5	16.0	68.5	19.5

A panel is exposed if d1 to the roof edge is greater than 0.5h = 31.0 ft
and either 1) d1 to the adjancent array is > the max of 4h2 or 4 ft = 12.0 ft
or 2) d2 to the adjancent panel is > the max of 4h2 or 4 ft

W_L =	270.0 ft
Ws =	155.0 ft
2h =	124.0 ft



WIND PRESSURE ZONES

PMA Engineering
6717 Shawnee Mission Parkway, Suite 100
Overland Park, KS 66202
913-831-1262
pmaengineering.com

JOB TITLE	SWF Hangar		019
	1188 1st Street, New Windsor, NY		
JOB NO.	P24054	SHEET NO.	
CALCULATED BY	ZRR	DATE	3/1/24
CHECKED BY	FHS	DATE	4/15/24

Wind Loads - Rooftop Structures & Canopies

Ultimate Wind Pressures

Building (L) = 270.0 ft
Building (B) = 155.0 ft

Directionality (Kd) = 0.85

Rooftop Structures & Equipment #1

Equipment length parallel to L = 15.0 ft
Equipment length parallel to B = 10.0 ft
Height of equipment = 10.0 ft ~~10.0~~

Base pressure (qh) = **32.9** psf

Vertical wind pressure		Wind normal to building B		Wind normal to building L	
Ar =	150.0 sf	Af =	100.0 sf	Af =	150.0 sf
GCr =	1.500	GCr =	1.90	GCr =	1.90
F = qhGCr Ar =	**49.4** Ar (psf)	F = qhGCr Af =	**62.6** Af (psf)	F = qhGCr Af =	**62.6** Af (psf)
Fv =	**7.4** kips	Fh =	**6.3** kips	Fh =	**9.4** kips

Rooftop Structures & Equipment #2

Equipment length parallel to L = 15.0 ft
Equipment length parallel to B = 10.0 ft
Height of equipment = 10.0 ft ~~10.0~~

Base pressure (qh) = **32.9** psf

Vertical wind pressure		Wind normal to building B		Wind normal to building L	
Ar =	150.0 sf	Af =	100.0 sf	Af =	150.0 sf
GCr =	1.500	GCr =	1.90	GCr =	1.90
F = qhGCr Ar =	**49.4** Ar (psf)	F = qhGCr Af =	**62.6** Af (psf)	F = qhGCr Af =	**62.6** Af (psf)
Fv =	**7.4** kips	Fh =	**6.3** kips	Fh =	**9.4** kips

Attached Canopies on Buildings with h ≤ 60 ft

Mean Roof Ht (h)= 62.0 ft
Mean eave height (he) = 59.0 ft
Mean Canopy height (hc) = 10.5 ft

hc/he = 0.18

Base pressure (qh) = **32.9 psf**
h>60 - height exceeds procedure limits

	C&C Surface Pressure (psf)				User input
Area	10 sf	20 sf	50 sf	100 sf	50 sf
Separate Individual Surfaces:					
Upper surface negative pressure	-37.9	-33.9	-28.7	-24.7	-28.7
Lower surface negative pressure	-26.3	-24.9	-22.9	-21.4	-22.9
Upper or Lower surface pos pressure	26.3	24.4	21.7	19.8	21.7
Combined Upper & Lower Surfaces (net):					
Negative pressure	-19.8	-18.8	-17.5	-16.5	-17.5
Positive pressure	29.6	27.2	23.9	21.4	23.9

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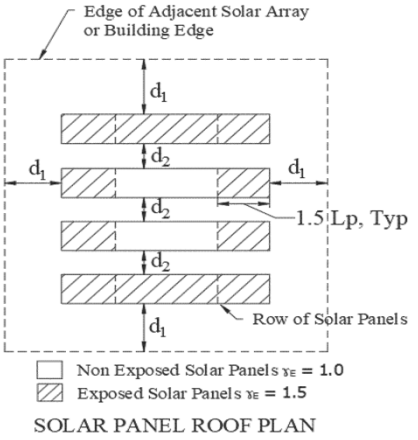
JOB TITLE	SWF Hangar		020
	1188 1st Street, New Windsor, NY		
JOB NO.	P24054	SHEET NO.	
CALCULATED BY	ZRR	DATE	3/1/24
CHECKED BY	FHS	DATE	4/15/24

Wind Pressures on Solar Panels

Ultimate Wind Pressures

Roof angle θ =	2.4 deg
Mean Roof Ht h =	62.0 ft
Mean parapet height above roof hpt =	0.00 ft
Panel edge to adjacent array or bldg edge d1 =	6.00 ft
Panel edge to adjacent panel edge d2 =	0.13 ft
Panel chord length Lp =	5.42 ft
Dist from roof to lowest panel edge h1 =	1.00 ft
Dist from roof to highest panel edge h2 =	3.00 ft
Solar panel angle to roof surface ω =	21.7 deg



SOLAR PANEL ROOF PLAN

Panels parallel to roof (ω ≤ 2 deg) all heights & roof slope

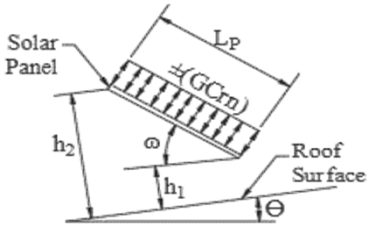
Procedure not allowed, panel angle > 2 deg.

Wind pressure = $qh(GCp)(\gamma_E)(\gamma_a)$

Calculate panel pressure by subtracting 5.93 psf (internal pressure) from the wind the wind roof pressures and then multiply by the following factors (but 16 psf min):

	Adjustment Factor				User Input	
Location	<10 sf	20 sf	50 sf	>100 sf	75 sf	
Exposed Panel Uplift	1.20	1.02	0.78	0.60	0.67	γ_E = 1.5
Non exposed Uplift	0.80	0.68	0.52	0.40	0.45	γ_E = 1.0
All panels downward	0.80	0.68	0.52	0.40	0.45	γ_E = 1.0

A panel is exposed if d1 to the roof edge is greater than 0.5h = 31.0 ft
and either 1) d1 to the adjancent array is greater than 4 ft
or 2) d2 to the next adjacent panel is greater than 4 ft



SOLAR PANEL ELEVATION

Panels not parallel to roof - all heights & roof slope < 7 deg

Procedure only applies if clear distance between the roof and the panels is at least 6 ft

Wind pressure = $q_h(GC_{rn})$ $(GC_{rn})=(\gamma_p)(\gamma_c)(\gamma_E)(GC_{rn})_{nom}$

γ_p = 0.900 γ_c = 0.925 q_h = **32.93** psf

"A" is the effective wind area of the solar panel being considered

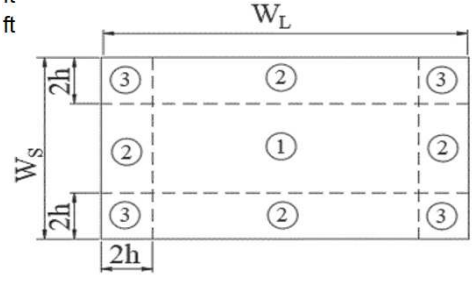
Normalized wind area An = A * 1,000 / (max Lb or 15)^2 = 0.373 A

Lb = minimum of $0.4(hW_L)^{0.5}$ or h or Ws = 51.8 ft

		Wind pressure for normalized area An						User input	
	Location	0 sf	10 sf	100 sf	500 sf	1000 sf	5000 sf	10 sf	1000 sf
								A =	
								An =	4 sf	373 sf
Exposed Zones									
γ_E = 1.5	Zone 1	-82.3	-60.3	-38.4	-23.0	-19.8	-16.0	-60.3	-19.8
	Zone 2	-119.3	-84.5	-50.5	-26.7	-23.6	-16.5	-84.5	-23.6
	Zone 3	-143.9	-102.8	-61.7	-32.9	-29.2	-20.6	-102.8	-29.2
Non Exposed Zones									
γ_E = 1.0	Zone 1	-54.8	-40.2	-25.6	-16.0	-16.0	-16.0	-40.2	-16.0
	Zone 2	-79.5	-56.3	-33.7	-17.8	-16.0	-16.0	-56.3	-16.0
	Zone 3	-96.0	-68.5	-41.1	-21.9	-19.5	-16.0	-68.5	-19.5
All Zones									
γ_E = 1.0	Zone 1	54.8	40.2	25.6	16.0	16.0	16.0	40.2	16.0
	Zone 2	79.5	56.3	33.7	17.8	16.0	16.0	56.3	16.0
	Zone 3	96.0	68.5	41.1	21.9	19.5	16.0	68.5	19.5

A panel is exposed if d1 to the roof edge is greater than 0.5h = 31.0 ft
and either 1) d1 to the adjancent array is > the max of 4h2 or 4 ft = 12.0 ft
or 2) d2 to the adjancent panel is > the max of 4h2 or 4 ft

W_L =	270.0 ft
Ws =	155.0 ft
2h =	124.0 ft



WIND PRESSURE ZONES

PMA Engineering
6717 Shawnee Mission Parkway, Suite 100
Overland Park, KS 66202
913-831-1262
pmaengineering.com

Snow Loads : ASCE 7- 16

Nominal Snow Forces

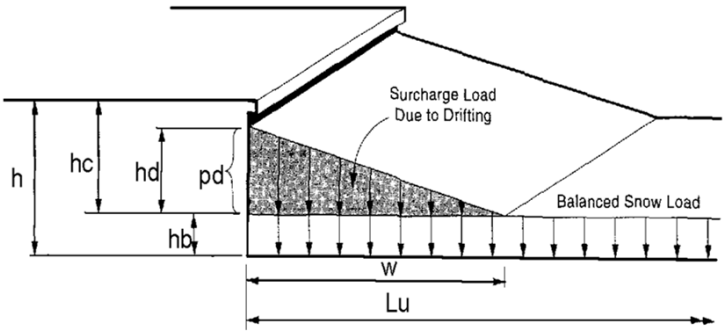
Roof slope		=	2.4 deg
Horiz. eave to ridge dist (W)		=	155.0 ft
Roof length parallel to ridge (L)		=	270.0 ft
Type of Roof			Monoslope
Ground Snow Load	Pg	=	30.0 psf
Risk Category		=	II
Importance Factor	I	=	1.0
Thermal Factor	Ct	=	1.00
Exposure Factor	Ce	=	1.0
Pf = 0.7*Ce*Ct*I*Pg		=	21.0 psf
Unobstructed Slippery Surface			no
Sloped-roof Factor	Cs	=	1.00
Balanced Snow Load		=	**21.0 psf**
Rain on Snow Surcharge Angle			3.10 deg
Code Maximum Rain Surcharge			5.0 psf
Rain on Snow Surcharge		=	0.0 psf
Ps plus rain surcharge		=	21.0 psf
Minimum Snow Load	Pm	=	20.0 psf
Uniform Roof Design Snow Load		=	**21.0 psf**

Near ground level surface balanced snow load = **30.0 psf**

NOTE: Alternate spans of continuous beams shall be loaded with half the design roof snow load so as to produce the greatest possible effect - see code for loading diagrams and exceptions for gable roofs..

Windward Snow Drifts 1 - Against walls, parapets, etc

Up or downwind fetch	lu	=	30.0 ft
Projection height	h	=	47.0 ft
Projection width/length	lp	=	138.5 ft
Snow density	g	=	17.9 pcf
Balanced snow height	hb	=	1.17 ft
	hd	=	1.40 ft
	hc	=	45.83 ft
hc/hb >0.2 = 39.1	**Therefore, design for drift**		
Drift height (hd)		=	1.40 ft
Drift width	w	=	5.58 ft
Surcharge load:	pd = γ*hd	=	**25.0 psf**
Balanced Snow load:		=	21.0 psf
			46.0 psf



Note: If bottom of projection is at least 2 feet above hb then snow drift is not required.

Windward Snow Drifts 2 - Against walls, parapets, etc

Up or downwind fetch	lu	=	138.5 ft
Projection height	h	=	47.0 ft
Projection width/length	lp	=	30.0 ft
Snow density	g	=	17.9 pcf
Balanced snow height	hb	=	1.17 ft
	hd	=	3.07 ft
	hc	=	45.83 ft
hc/hb >0.2 = 39.1	**Therefore, design for drift**		
Drift height (hd)		=	3.07 ft
Drift width	w	=	12.28 ft
Surcharge load:	pd = γ*hd	=	**55.0 psf**
Balanced Snow load:		=	21.0 psf
			76.0 psf

PMA Engineering
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Snow Loads : ASCE 7- 16

Nominal Snow Forces

Roof slope		=	2.4 deg
Horiz. eave to ridge dist (W)		=	155.0 ft
Roof length parallel to ridge (L)		=	270.0 ft
Type of Roof			Monoslope
Ground Snow Load	Pg	=	30.0 psf
Risk Category		=	II
Importance Factor	I	=	1.0
Thermal Factor	Ct	=	1.00
Exposure Factor	Ce	=	1.0
Pf = 0.7*Ce*Ct*I*Pg		=	21.0 psf
Unobstructed Slippery Surface			no
Sloped-roof Factor	Cs	=	1.00
Balanced Snow Load		=	**21.0 psf**
Rain on Snow Surcharge Angle			3.10 deg
Code Maximum Rain Surcharge			5.0 psf
Rain on Snow Surcharge		=	0.0 psf
Ps plus rain surcharge		=	21.0 psf
Minimum Snow Load	Pm	=	20.0 psf
Uniform Roof Design Snow Load		=	**21.0 psf**

Near ground level surface balanced snow load = **30.0 psf**

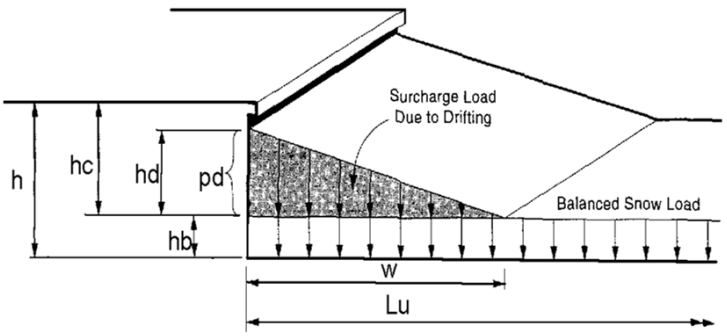
NOTE: Alternate spans of continuous beams shall be loaded with half the design roof snow load so as to produce the greatest possible effect - see code for loading diagrams and exceptions for gable roofs..

Windward Snow Drifts 1 - Against walls, parapets, etc

Up or downwind fetch	lu	=	30.0 ft
Projection height	h	=	3.0 ft
Projection width/length	lp	=	138.5 ft
Snow density	g	=	17.9 pcf
Balanced snow height	hb	=	1.17 ft
	hd	=	1.40 ft
	hc	=	1.83 ft
hc/hb >0.2 = 1.6	**Therefore, design for drift**		
Drift height (hd)		=	1.40 ft
Drift width	w	=	5.58 ft
Surcharge load:	pd = γ*hd	=	**25.0 psf**
Balanced Snow load:		=	21.0 psf
			46.0 psf

Windward Snow Drifts 2 - Against walls, parapets, etc

Up or downwind fetch	lu	=	138.5 ft
Projection height	h	=	3.0 ft
Projection width/length	lp	=	30.0 ft
Snow density	g	=	17.9 pcf
Balanced snow height	hb	=	1.17 ft
	hd	=	3.07 ft
	hc	=	1.83 ft
hc/hb >0.2 = 1.6	**Therefore, design for drift**		
Drift height (hc)		=	1.83 ft
Drift width	w	=	14.61 ft
Surcharge load:	pd = γ*hd	=	**32.7 psf**
Balanced Snow load:		=	21.0 psf
			53.7 psf



Note: If bottom of projection is at least 2 feet above hb then snow drift is not required.

PMA Engineering
6717 Shawnee Mission Parkway, Suite 100
Overland Park, KS 66202
913-831-1262
pmaengineering.com

JOB TITLE	SWF Hangar		023
	1188 1st Street, New Windsor, NY		
JOB NO.	P24054	**SHEET NO.**	
CALCULATED BY	ZRR	**DATE**	3/1/24
CHECKED BY	FHS	**DATE**	4/15/24

Snow Loads - from adjacent building or roof:

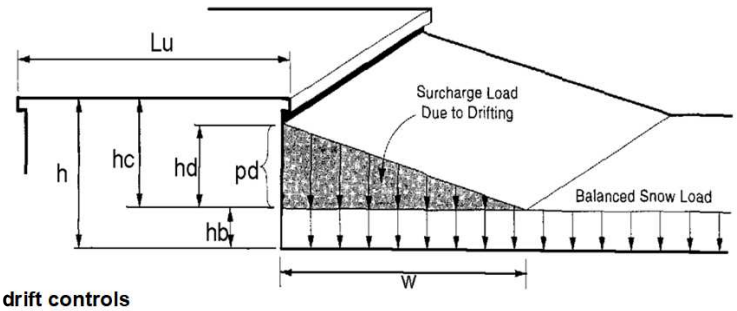
ASCE 7- 16 — Nominal Snow Forces

		Higher Roof	Lower Roof
Roof slope	=	2.4 deg	0.50 / 12 = 2.4 deg
Horiz. eave to ridge dist (W)	=	155.0 ft	30.0 ft
Roof length parallel to ridge (L)	=	270.0 ft	24.0 ft
Projection height (roof step) h	=		7.3 ft
Building separation s	=		0.0 ft
Type of Roof		Monoslope	Monoslope
Ground Snow Load	Pg =	30.0 psf	30.0 psf
Risk Category	=	II	II
Importance Factor	I =	1.0	1.0
Thermal Factor	Ct =	1.00	1.00
Exposure Factor	Ce =	1.0	1.0
Pf = 0.7*Ce*Ct*I*Pg	=	21.0 psf	21.0 psf
Unobstructed Slippery Surface		no	no
Sloped-roof Factor	Cs =	1.00	1.00
Balanced Snow Load	**Ps =**	**21.0 psf**	**21.0 psf**
Rain on Snow Surcharge Angle		3.10 deg	0.60 deg
Code Maximum Rain Surcharge		5.0 psf	5.0 psf
Rain on Snow Surcharge	=	0.0 psf	0.0 psf
Ps plus rain surcharge	=	21.0 psf	21.0 psf
Minimum Snow Load	Pm =	20.0 psf	20.0 psf
Uniform Roof Design Snow Load	=	**21.0 psf**	**21.0 psf**
Building Official Minimum	=	20.0 psf	

NOTE: Alternate spans of continuous beams and other areas shall be loaded with half the design roof snow load so as to produce the greatest possible effect - see code.

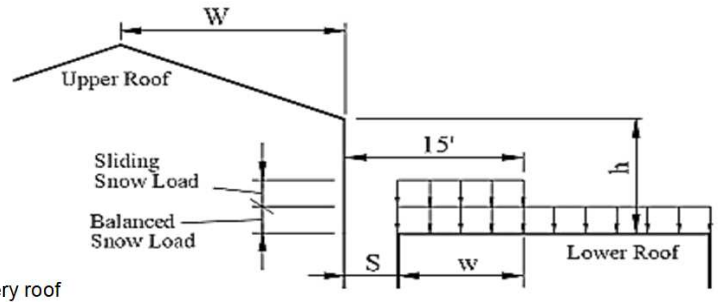
Leeward Snow Drifts - from adjacent higher roof

Upper roof length	lu =	240.0 ft
Snow density	γ =	17.9 pcf
Balanced snow height	hb =	1.17 ft
	hc =	6.13 ft
hc/hb >0.2 = 5.2	**Therefore, design for drift**	
Adj structure factor	=	1.00
Drift height	hd =	5.22 ft
Drift width	w =	20.88 ft
Surcharge load:	pd = γ*hd =	**93.4 psf**
Balanced Snow load:	=	21.0 psf
		114.4 psf **Leeward drift controls**



Windward Snow Drifts - from low roof against high roof

Lower roof length	lu =	30.0 ft
Adj structure factor	=	1.00
Drift height	hd =	1.40 ft
Drift width	w =	5.58 ft
Surcharge load:	pd = γ*hd =	**25.0 psf**
Balanced Snow load:	=	21.0 psf
		46.0 psf



Sliding Snow - onto lower roof

Sliding snow = 0.4 Pf W =	0.0 plf
Distributed over 15 feet =	0.0 psf
hd + hb =	1.17 ft
hd + hb < =h therefore sliding snow =	**0.0 psf**
Balanced snow load =	21.0 psf
Uniform snow load =	21.0 psf

Not required since upper roof slope is 2 in 12 or less and non-slippery roof

PMA Engineering
6717 Shawnee Mission Parkway, Suite 100
Overland Park, KS 66202
913-831-1262
pmaengineering.com

JOB TITLE	SWF Hangar		024
	1188 1st Street, New Windsor, NY		
JOB NO.	P24054	**SHEET NO.**	
CALCULATED BY	ZRR	**DATE**	3/1/24
CHECKED BY	FHS	**DATE**	4/15/24

Snow Loads - from adjacent building or roof:

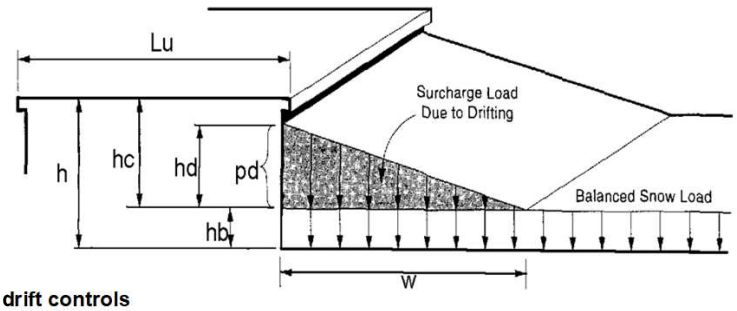
ASCE 7- 16 — Nominal Snow Forces

		Higher Roof	Lower Roof
Roof slope	=	2.4 deg	0.00 / 12 = 0.0 deg
Horiz. eave to ridge dist (W)	=	30.0 ft	3.8 ft
Roof length parallel to ridge (L)	=	24.0 ft	71.0 ft
Projection height (roof step) h	=		9.2 ft
Building separation s	=		0.0 ft
Type of Roof		Monoslope	Monoslope
Ground Snow Load	Pg =	30.0 psf	30.0 psf
Risk Category	=	II	II
Importance Factor	I =	1.0	1.0
Thermal Factor	Ct =	1.00	1.20
Exposure Factor	Ce =	1.0	1.0
Pf = 0.7*Ce*Ct*I*Pg	=	21.0 psf	25.2 psf
Unobstructed Slippery Surface		no	no
Sloped-roof Factor	Cs =	1.00	1.00
Balanced Snow Load	**Ps =**	**21.0 psf**	**25.2 psf**
Rain on Snow Surcharge Angle		0.60 deg	0.08 deg
Code Maximum Rain Surcharge		5.0 psf	5.0 psf
Rain on Snow Surcharge	=	0.0 psf	0.0 psf
Ps plus rain surcharge	=	21.0 psf	25.2 psf
Minimum Snow Load	Pm =	20.0 psf	20.0 psf
Uniform Roof Design Snow Load	=	**21.0 psf**	**25.2 psf**
Building Official Minimum	=	20.0 psf	

NOTE: Alternate spans of continuous beams and other areas shall be loaded with half the design roof snow load so as to produce the greatest possible effect - see code.

Leeward Snow Drifts - from adjacent higher roof

Upper roof length	lu =	30.0 ft
Snow density	γ =	17.9 pcf
Balanced snow height	hb =	1.41 ft
	hc =	7.76 ft
hc/hb >0.2 = 5.5	**Therefore, design for drift**	
Adj structure factor	=	1.00
Drift height	hd =	1.86 ft
Drift width	w =	4.00 ft
Surcharge load:	pd = γ*hd =	**33.3 psf**
Balanced Snow load:	=	25.2 psf
		58.5 psf **Leeward drift controls**

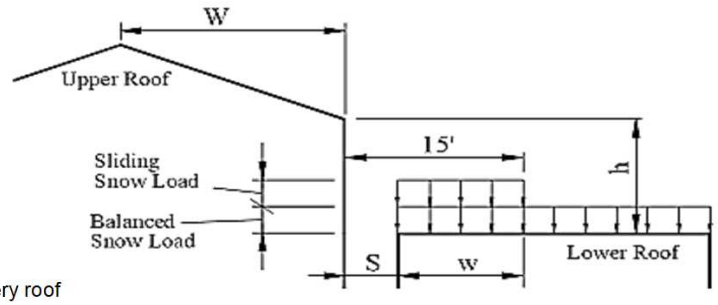


Windward Snow Drifts - from low roof against high roof

Lower roof length	lu =	4.0 ft
Adj structure factor	=	1.00
Drift height	hd =	1.08 ft
Drift width	w =	4.31 ft
Surcharge load:	pd = γ*hd =	**19.3 psf**
Balanced Snow load:	=	25.2 psf
		44.5 psf

Sliding Snow - onto lower roof

Sliding snow = 0.4 Pf W =	0.0 plf
Distributed over 15 feet =	0.0 psf
hd + hb =	1.41 ft
hd + hb < =h therefore sliding snow =	**0.0 psf**
Balanced snow load =	25.2 psf
Uniform snow load =	25.2 psf



Not required since upper roof slope is 2 in 12 or less and non-slippery roof

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Overland Park, KS 66202
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JOB TITLE	SWF Hangar		025
	1188 1st Street, New Windsor, NY		
JOB NO.	P24054	**SHEET NO.**	
CALCULATED BY	ZRR	**DATE**	3/1/24
CHECKED BY	FHS	**DATE**	4/15/24

Snow Loads - from adjacent building or roof:

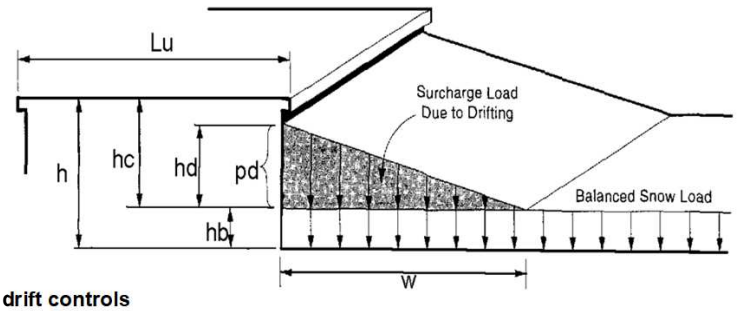
ASCE 7- 16 — Nominal Snow Forces

		Higher Roof	Lower Roof
Roof slope	=	2.4 deg	0.00 / 12 = 0.0 deg
Horiz. eave to ridge dist (W)	=	155.0 ft	10.0 ft
Roof length parallel to ridge (L)	=	270.0 ft	75.0 ft
Projection height (roof step) h	=		48.0 ft
Building separation s	=		0.0 ft
Type of Roof		Monoslope	Monoslope
Ground Snow Load	Pg =	30.0 psf	30.0 psf
Risk Category	=	II	II
Importance Factor	I =	1.0	1.0
Thermal Factor	Ct =	1.00	1.20
Exposure Factor	Ce =	1.0	1.0
Pf = 0.7*Ce*Ct*I*Pg	=	21.0 psf	25.2 psf
Unobstructed Slippery Surface		yes	no
Sloped-roof Factor	Cs =	1.00	1.00
Balanced Snow Load	**Ps =**	**21.0 psf**	**25.2 psf**
Rain on Snow Surcharge Angle		3.10 deg	0.20 deg
Code Maximum Rain Surcharge		5.0 psf	5.0 psf
Rain on Snow Surcharge	=	0.0 psf	0.0 psf
Ps plus rain surcharge	=	21.0 psf	25.2 psf
Minimum Snow Load	Pm =	20.0 psf	20.0 psf
Uniform Roof Design Snow Load	=	**21.0 psf**	**25.2 psf**
Building Official Minimum	=	20.0 psf	

NOTE: Alternate spans of continuous beams and other areas shall be loaded with half the design roof snow load so as to produce the greatest possible effect - see code.

Leeward Snow Drifts - from adjacent higher roof

Upper roof length	lu =	155.0 ft
Snow density	γ =	17.9 pcf
Balanced snow height	hb =	1.41 ft
	hc =	46.59 ft
hc/hb >0.2 = 33.1	**Therefore, design for drift**	
Adj structure factor	=	1.00
Drift height	hd =	2.40 ft
Drift width	w =	4.00 ft
Surcharge load:	pd = γ*hd =	**43.0 psf**
Balanced Snow load:	=	25.2 psf
		68.2 psf **Leeward drift controls**

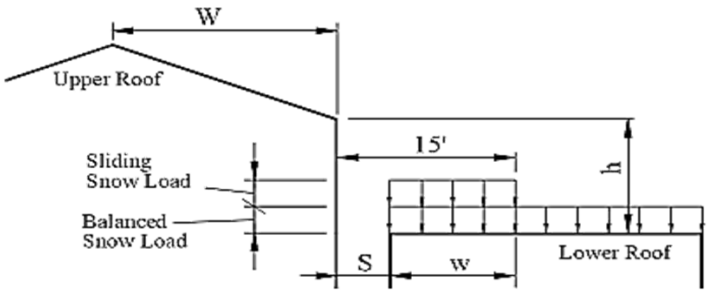


Windward Snow Drifts - from low roof against high roof

Lower roof length	lu =	4.0 ft
Adj structure factor	=	1.00
Drift height	hd =	1.08 ft
Drift width	w =	4.31 ft
Surcharge load:	pd = γ*hd =	**19.3 psf**
Balanced Snow load:	=	25.2 psf
		44.5 psf

Sliding Snow - onto lower roof

Sliding snow = 0.4 Pf W =	1302.0 plf
Distributed over 15 feet =	86.8 psf
hd + hb =	6.26 ft
hd + hb < =h therefore sliding snow =	**86.8 psf**
Balanced snow load =	25.2 psf
Uniform snow load within 15' of higher roof =	112.0 psf
w =	10.00 ft



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Seismic Loads: IBC 2018 Strength Level Forces

Risk Category : II
Importance Factor (Ie) : 1.00
Site Class : D - code default

Ss (0.2 sec) = 22.90 %g
S1 (1.0 sec) = 5.70 %g

Site specific ground motion analysis performed:

Fa =	1.600	Sms =	0.366	S_{DS} =	0.244	Design Category =	B
Fv =	2.400	Sm1 =	0.137	S_{D1} =	0.091	Design Category =	B

Seismic Design Category = **B**
Redundancy Coefficient ρ = 1.00
Number of Stories: 1
Structure Type: All other building systems
Horizontal Struct Irregularities: No plan Irregularity
Vertical Structural Irregularities: No vertical Irregularity
Flexible Diaphragms: No
Building System: **Structural steel systems not specifically detailed for seismic resistance**
Seismic resisting system: **Structural steel systems not specifically detailed for seismic resistance**
System Structural Height Limit: **Height not limited**
Actual Structural Height (hn) = 62.0 ft

DESIGN COEFFICIENTS AND FACTORS

Response Modification Coefficient (R) = 3
Over-Strength Factor (Ωo) = 3
Deflection Amplification Factor (Cd) = 3
S_{DS} = 0.244
S_{D1} = 0.091

Seismic Load Effect (E) = Eh +/-Ev = ρ Q_E +/- 0.2S_{DS} D = Qe +/- 0.000D — Q_E = horizontal seismic force
Special Seismic Load Effect (Em) = Emh +/- Ev = Ωo Q_E +/- 0.2S_{DS} D = 3Qe +/- 0.049D — D = dead load

PERMITTED ANALYTICAL PROCEDURES

Simplified Analysis - Use Equivalent Lateral Force Analysis

Equivalent Lateral-Force Analysis - Permitted
Building period coef. (C_T) = 0.020 Cu = 1.70
Approx fundamental period (Ta) = $C_T h_n^x$ = 0.442 sec x= 0.75 Tmax = CuTa = 0.751 sec
User calculated fundamental period = T = 0.442 sec
Long Period Transition Period (TL) = ASCE7 map = 6 sec
Seismic response coef. (Cs) = SdsI/R = 0.081
need not exceed Cs = Sd1 I /RT = 0.069
but not less than Cs = 0.044SdsI = 0.011
USE Cs = 0.069

Design Base Shear V = 0.069W

Model & Seismic Response Analysis - Permitted (see code for procedure)

ALLOWABLE STORY DRIFT

Structure Type: All other structures
Allowable story drift Δa = 0.020hsx where hsx is the story height below level x

Total Stories =	1	Floor Dead Load =	0.0 psf	Roof Dead Load =	20.0 psf
Building length L =	270.0 ft	Floor LL to include =	0.0 psf	Roof Snow Load =	0.0 psf
Building width W =	155.0 ft	Floor Equip wt =	0.0 kips	Roof Equip wt =	0.0 kips
hn =	62.0 ft	Partition weight =	0.0 psf	Parapet weight =	0.0 psf
k =	1.000	Ext Wall Weight =	10.0 psf	Parapet height =	0.0 ft
V =	0.069W				

Bottom Floor is a slab on grade

Diaphragm shall be designed for level force Fx, but not less than Fpx = (Σ Fi / Σ wi) wpx, but :
Fpx min = $0.2S_{DS}$ Ie wpx = 0.049 wpx
Fpx max = $0.4S_{DS}$ Ie wpx = 0.098 wpx

Diaphragm Forces Normal to Building Length

V = 69.1k

Level (x)	EL above Seismic Base hx (ft)	Level Weight Wx (kips)	Wx hx^k (ft-kips)	Cvx = $\frac{Wx\ hx^k}{\Sigma\ Wi\ hi^k}$	Shear Distribution Fx=CvxV	Σ Fx (k)	Story M	Diaphragm Force Fpx Σ Wi (k)	Fpx	Design Fpx
Roof	62.00	1,004	62,273	1.000	69.10	69.1	0	1,004	69.1	69.1
1		0	0	0.000	0.00	0.0	0	0	0.0	0.0
Base		1,004		1.000		69.1	4,284			
							4,284	= Base M		

Diaphragm Forces Parallel to Building Length

V = 64.2k

Level (x)	hx (ft)	Wx (kips)	Wx hx^k	Cvx =	Shear Distribution Fx=CvxV	Σ Fx (k)	Story M	Diaphragm Force Fpx Σ Wi (k)	Fpx	Design Fpx
Roof	62.00	933	57,852	1.000	64.19	64.2	0	933	64.2	64.2
1	0.00	0	0	0.000	0.00	0.0	0	0	0.0	0.0
Base	0.00	933		1.000		64.2	3,980			
							3,980	= Base M		

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Seismic Loads - cont. :

Strength Level Forces

Seismic Design Category (SDC)= B
Ie = 1.00
Sds = 0.244

CONNECTIONS

Force to connect smaller portions of structure to remainder of structure

$Fp = 0.133 Sds w_p =$ 0.032 w_p
or $Fp = 0.05 w_p =$ 0.05 w_p Use Fp = 0.05 w_p w_p = weight of smaller portion

Beam, girder or truss connection for resisting horizontal force parallel to member

F_P = no less than 0.05 times dead plus live load vertical reaction

Anchorage of Structural Walls to elements providing lateral support

Fp = not less than 0.2KaIeWp Flexible diaphragm span Lf =
Enter Lf to calculate Fp for flexible diaphragm
Fp =0.4SdskaIeWp = 0.098 Wp, but not less than 0.2Wp (rigid diaphragm) ka= 1 Fp = 0.200 Wp
but Fp shall not be less than 5 psf

MEMBER DESIGN

Bearing Walls and Shear Walls (out of plane force)

$Fp = 0.4 Sds Ie Ww =$ 0.098 w_w
but not less than 0.10 w_w Use Fp = 0.10 w_w

Diaphragms

Fp = 0.2ISdsWp + Vpx = 0.049 Wp + Vpx

ARCHITECTURAL COMPONENTS SEISMIC COEFFICIENTS

Seismic Design Category B & Ip=1.0, therefore only required for parapets supported by bearing or shear walls

Architectural Component : Cantilever Elements (Unbraced or Braced to Structural Frame Below Its Center of Mass): Parapets and cantilever interior nonstructural walls

Importance Factor (Ip) : 1.0
Component Amplification Factor (a_p) = 2.5 h= 62.0 feet
Comp Response Modification Factor (R_p) = 2.5 z= 50.0 feet z/h = 0.81
Over-Strength Factor (Ωo) = 2
$Fp = 0.4 a_p SdsIpWp(1+2z/h)/Rp =$ 0.255 Wp
not greater than Fp = 1.6SdsIpWp = 0.391 Wp
but not less than Fp = 0.3SdsIpWp = 0.073 Wp use Fp = 0.255 Wp

MECH AND ELEC COMPONENTS SEISMIC COEFFICIENTS

Seismic Design Category B, therefore not required

Mech or Electrical Component : Wet-side HVAC, boilers, furnaces, atmospheric tanks and bins, chillers, water heaters, etc plus other mechanical components constructed of high-deformability materials.

Importance Factor (Ip) : 1.0
Component Amplification Factor (a_p) = 1 h= 62.0 feet
Comp Response Modification Factor (R_p) = 2.5 z= 50.0 feet z/h = 0.81
Over-Strength Factor (Ωo) = 2
$Fp = 0.4 a_p SdsIpWp(1+2z/h)/Rp =$ 0.102 Wp
not greater than Fp = 1.6SdsIpWp = 0.391 Wp
but not less than Fp = 0.3SdsIpWp = 0.073 Wp use Fp = 0.102 Wp

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JOB TITLE	SWF Hangar		
	1188 1st Street, New Windsor, NY		
JOB NO.	P24054	**SHEET NO.**	
CALCULATED BY	ZRR	**DATE**	3/1/24
CHECKED BY	FHS	**DATE**	4/15/24

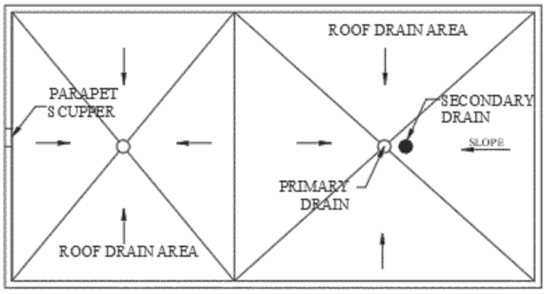
Rain Loads : ASCE 7- 16

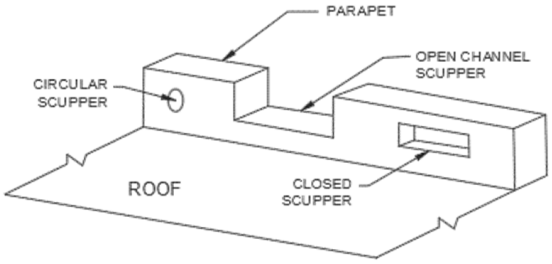
Rain Intensity i =	5.89	in/hr
Static Head ds =	2.00	inches
Tributary Roof Area A =	1600	SF
Flow Rate Q =	98.0	gal/min

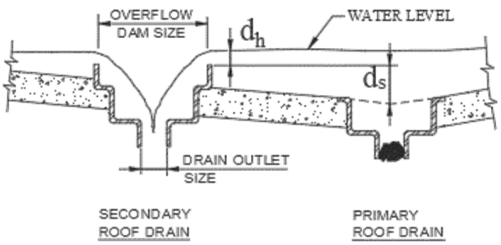
Type of overflow device: **6" dia Overflow Standpipe, 4" drain outlet**

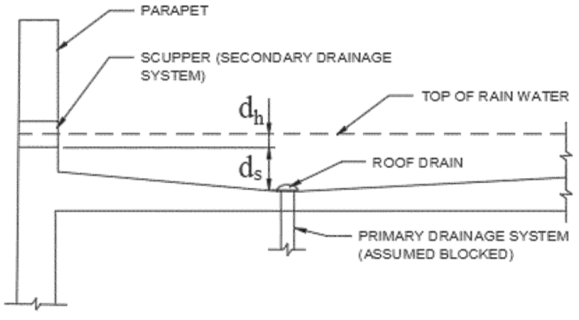
Hydraulic Head dh = 1.48 inches

Design Rain Load R = 5.2(ds + dh) = **18.1 psf** at primary drain









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DRIFT SUMMARY

PLAN NORTH WALL: WW 55 PSF DRIFT @ 12.28' SAM 12' (4)
" EAST " : LW 93.4 PSF " @ 20.88' " 21' (1)
" SOUTH PARAPET: WW 32.7 PSF " @ 14.61' " 15' (5)
" WEST " : WW 25 PSF " @ 5.58' " 6' (2)

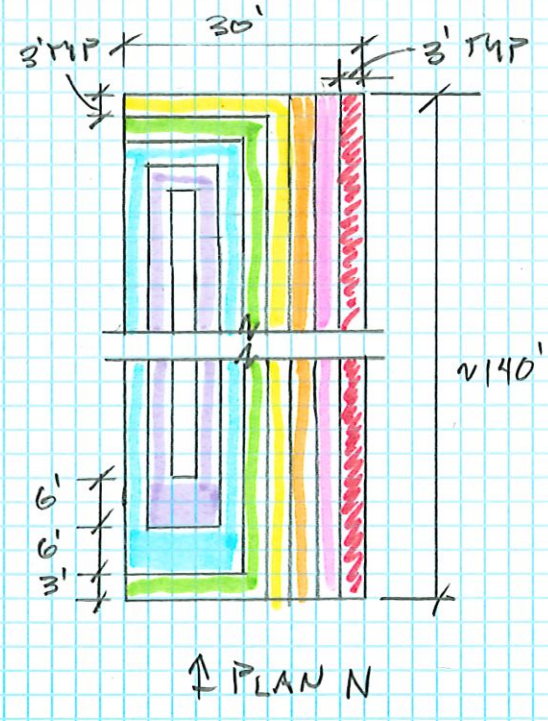
	NORTH		EAST		SOUTH		WEST	
0-3	1/8	6.9	1/14	6.7	1/10	3.3	1/4	6.3
3-6	3/8	20.6	3/14	20.0	3/10	9.8	3/4	18.8
6-9	5/8	34.4	5/14	33.4	5/10	16.4	—	—
9-12	7/8	48.1	7/14	46.7	7/10	22.9	—	—
12-15	—		9/14	60.0	9/10	29.4	—	—
15-18	—		11/14	73.4	—	—	—	—
18-21	—		13/14	86.7	—	—	—	—
	(PSF)		(PSF)		(PSF)		(PSF)	

NSW WORST CASE

0-3	6.9	PSF
3-6	20.6	
6-9	34.4	
9-12	48.1	
12-15	60.0	
15-18	73.4	
18-21	86.7	

SOUTH

0-6	1/5	6.5 PSF	USE 6.9	PSF
6-12	3/5	19.6 PSF	USE 20.6	
12-15	9/10	29.4 PSF	USE 34.4	



↕ PLAN N

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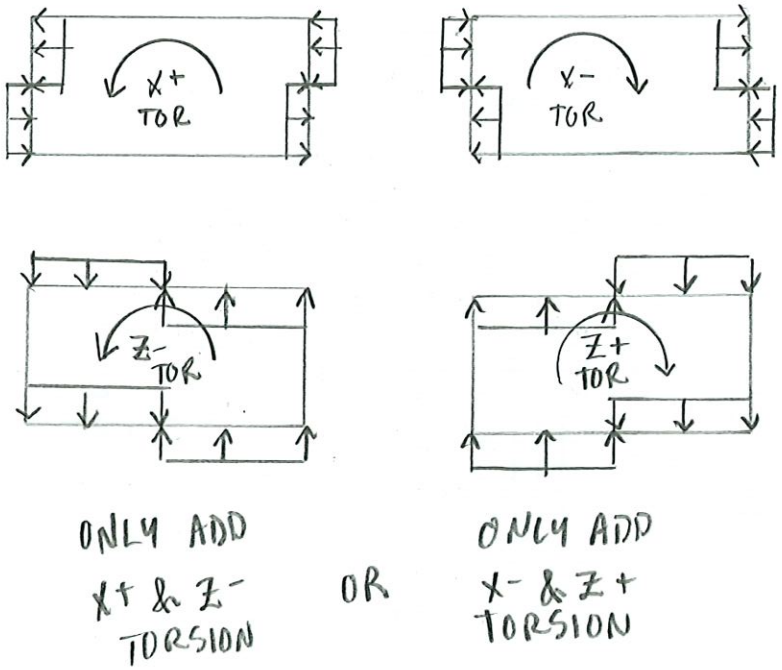
$q_i (GC_{pi})$ ENCLOSED = ± 5.9 PSF

$q_i (GC_{pi})$ PART ENCL = ± 18.1 PSF ← ONLY APPLIES WHEN HANGAR DOOR OPEN & WIND ON NORTH FACE

WW LOAD @	DOOR TRUSS BOT CHORD	= 21.0 PSF	× 45'/2 =	473 PLF
LW	"	= 14.0 PSF	" =	315 PLF
SW	"	= 19.6 PSF	" =	441 PLF
INT	"	= 5.9 PSF	" =	133 PLF
MIN	"	= 18.1 PSF	" =	407 PLF
SEISMIC WT @	"	= 5 PSF	" =	112.5 PLF

TORSIONAL CASES:



ONLY ADD X+ & Z- TORSION

OR

ONLY ADD X- & Z+ TORSION

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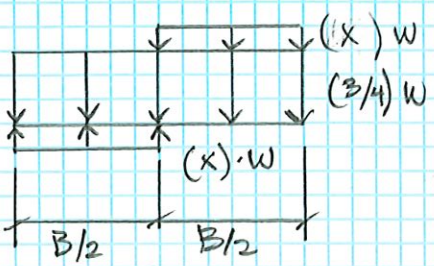
MWFRS CASES

TORSIONAL

TRY + COUPLE TO GET TORSIONAL LOAD



FORCE = X · W · B/2

COUPLE = X · W · B/2 · B/2

= X · W · $\frac{B^2}{4}$

$M_T = B \cdot \left(\frac{3}{4} \cdot W\right)\left(\frac{3}{20} \cdot B\right)$ (0.75, 0.15)

$M_T = \frac{9}{80} \cdot B^2 \cdot W$

$\frac{9}{80} \cdot B^2 \cdot W = X \cdot W \cdot B^2 \cdot \frac{1}{4}$

$X = \frac{9}{20} = 0.45$

TOTAL WORST CASE LOAD = 1.20

TOTAL M/W LOAD = 0.30

REASONABLE

* THIS APPROACH DOES NOT INCREASE TOTAL BASE SHEAR ∴ OK
* WILL POTENTIALLY NEED TO EXCLUDE COLUMNS FROM RESULTS.
* WILL NEED TO HAVE SIDE WALL PRESSURES SEPARATE.

NOTE: FOR LOAD COMBINATIONS, CHECK IF ADJUSTING REQ'D

CONCEPT: CREATE LOAD CASES WITH PIECEMEAL BASIC LOAD CASES

CASE 1: BLC X OR BLC Z

CASE 2: 0.75(BLC X OR BLC Z) + M_T'

$M_T' = 0.75(\text{BLC X OR BLC Z}) \cdot B \cdot e \rightarrow 0.75\,M_T = 0.75(\text{BLC X OR BLC Z})\,B \cdot e$

∴ $X = \frac{9}{20} \cdot \frac{4}{3} = \frac{3}{5}$ ✓

$M_T = \left(\frac{3}{5}(w) \cdot \left(\frac{B}{2}\right)^2/2\right) \cdot 2 = \frac{3}{5} \cdot \frac{1}{4} \cdot \frac{1}{2} \cdot 2 = \frac{3}{20} \cdot \frac{3}{4} = \frac{9}{80}$ ✓ FOR LOAD COMBO

HALF WAY DIST: 146.75'/2 = 73.375' ← GRID D = 73.375'/73.375' ✓

261.75'/2 = 130.875' ← GRID 6 = 128.375'/133.375' WITHIN 2% OK ✓

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SEISMIC SUMMARY

$C_S = 0.069$, DESIGN CAT B, $R = 3$, $\Omega_0 = 3$, $C_d = 3$

SEISMIC LOAD EFFECT § 12.4.2

$E = E_h \pm E_v$ (12.4-1,2)

$E_h = \rho Q_E$

$E_v = 0.2 \cdot S_{DS} \cdot D \rightarrow 0$ (SDC B) § 14.4.2.2.2

$\rho = 1.0$ (SDC B) § 12.3.4.1.1

↳ NOT REQUIRED FOR USE IN "STEEL SYSTEMS NOT SPECIFICALLY DESIGNED FOR SEISMIC RESISTANCE"

& "NON IRREGULAR STRUCTURES"

$p_f = 21$ PSF ≤ 30 PSF ∴ DO NOT INCLUDE IN SEISMIC WT. (NO SNOW IN "W")

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Project P24054 – SWF HANGAR Sheet of

MOVING LOAD

PER CONVERSATIONS W/ ARCH, (2) PEOPLE @ TIME ON FALL PROTECTION STRUCTURE

FALL PROTECTION STRUCTURE PLACED ANY WHERE WITHIN HANGAR

IBC LIVE LOAD = 2 PEOPLE X 3100# = 6200
ASSUME FALL PROTECTION STRUCT = 1800
8000#

MOVING LOAD PLACED ANY WHERE ALONG GIRDERS
NOT SIMULTANEOUS W/ OTHER ROOF LIVE LOADS

DISTANCE ≅ 138.62'
@ 13 LOCATIONS → USE SPACING OF 10.66 FT

∴ POINT LOADS WERE SIGNIFICANTLY LESS THAN UNIFORM LOAD

CONCRETE STRENGTH		5 KSI
GROUT STRENGTH		4 KSI
GROUT DEPTH		2 IN
PLATE	F_y	50 KSI
	F_u	65 KSI
COLUMNS	F_y	50 KSI
	F_u	65 KSI
WELD	F_{EXX}	70 KSI

BASE PLATE INFORMATION																								DESIGN CHECKS										
																								Concrete Bearing		Base Plate Bending		Welds	Anchor Rods		Shear Key				
BASE PLATE TYPE	BRACED?	N	B	A_1	t_{bp}	t_{washer}	BOLT #	LAYUP	GUAGE	PITCH 1	PITCH 2	SPACING CHECK	d_{ROD}	$F_{y,ROD}$	$F_{u,ROD}$	SHEAR KEY	KEY LENGTH	KEY DEPTH	KEY THICKNESS	CONC. AREA (A2)	BP WELD (16ths)	FLANGE WELD (16ths)	KEY WELD (16ths)	Dmax SK	DIM UNITY	CAPACITY UNITY	COMP THICKNESS UNITY	TENS THICKNESS UNITY	CAPACITY UNITY	TENSION UNITY	SHEAR UNITY	WIDTH UNITY	BEARING UNITY	THICKNESS UNITY	UNITY tKEY / tBP	UNITY fr / (Pw/Ω)
-	-	(in)	(in)	(in^2)	(in)	(in)	qty	-	(in)	(in)	(in)	-	(in)	(ksi)	(ksi)	-	(in)	(in)	(in)	(in^2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BP-36	NONE	12	10	120	0.75	0.25	4	INSIDE	4	4	4	OK	0.75	55	75	NONE	0	0	0	120	4	4	0	0	0.85 OK	0.14 OK	0.23 OK	0.23 OK	0.03 OK	0.61 OK	0.12 OK	0.00 OK	0.00 OK	0.00 OK	0.00 OK	0.00 OK
BP-57	NONE	19	10	190	1	0.5	8	INSIDE	5	5	5	OK	1.25	105	125	NONE	0	0	0	190	4	4	0	0	0.58 OK	0.23 OK	0.61 OK	0.82 OK	0.42 OK	0.55 OK	0.13 OK	0.00 OK	0.00 OK	0.00 OK	0.00 OK	0.00 OK
BP-54	NONE	30	12	360	1	0.375	8	INSIDE	6	6	6	OK	1	55	75	NONE	0	0	0	360	4	4	0	0	0.56 OK	0.07 OK	0.58 OK	0.85 OK	0.38 OK	0.77 OK	0.09 OK	0.00 OK	0.00 OK	0.00 OK	0.00 OK	0.00 OK
BP-56	NONE	28	20	560	1	0.625	8	INSIDE	7	7	7	OK	1.75	105	125	NONE	0	0	0	560	4	4	0	0	0.50 OK	0.07 OK	0.49 OK	0.62 OK	0.43 OK	0.70 OK	0.23 OK	0.00 OK	0.00 OK	0.00 OK	0.00 OK	0.00 OK
BP-55(tT)	NONE	32	20	640	1.5	0.625	8	INSIDE	7	7	7	OK	1.75	105	125	NONE	0	0	0	640	4	4	0	0	0.50 OK	0.06 OK	0.28 OK	0.75 OK	0.62 OK	0.95 OK	0.25 OK	0.00 OK	0.00 OK	0.00 OK	0.00 OK	0.00 OK
BP-54(1)	NONE	22	20	440	1.75	0.5	4	INSIDE	7	7	7	OK	1.25	105	125	NONE	0	0	0	440	4	4	0	0	0.82 OK	0.84 OK	0.91 OK	0.91 OK	0.04 OK	0.31 OK	0.07 OK	0.00 OK	0.00 OK	0.00 OK	0.00 OK	0.00 OK
BP-57	NONE	28	12	336	1	0.375	8	INSIDE	5	5	5	OK	1	55	75	NONE	0	0	0	336	4	4	0	0	0.85 OK	0.20 OK	0.17 OK	0.71 OK	0.22 OK	0.90 OK	0.16 OK	0.00 OK	0.00 OK	0.00 OK	0.00 OK	0.00 OK
BP-58	NONE	28	18	504	1.25	0.5	8	INSIDE	5	5	5	OK	1.25	105	125	NONE	0	0	0	504	4	4	0	0	0.85 OK	0.16 OK	0.38 OK	0.83 OK	0.40 OK	1.02 NG	0.21 OK	0.00 OK	0.00 OK	0.00 OK	0.00 OK	0.00 OK
BP-59	NONE	28	24	672	0.75	0.5	8	INSIDE	5	5	5	OK	1.25	105	125	NONE	0	0	0	672	4	4	0	0	0.85 OK	0.02 OK	0.33 OK	0.33 OK	0.15 OK	0.58 OK	0.17 OK	0.00 OK	0.00 OK	0.00 OK	0.00 OK	0.00 OK
BP-60	NONE	16	10	160	0.75	0.375	4	INSIDE	6	6	6	OK	1	55	75	NONE	0	0	0	160	4	4	0	0	1.00 OK	0.10 OK	0.11 OK	0.13 OK	0.02 OK	0.44 OK	0.11 OK	0.00 OK	0.00 OK	0.00 OK	0.00 OK	0.00 OK
BP-61	NONE	9	7	63	0.5	0.25	4	INSIDE	4	4	4	OK	0.75	55	75	NONE	0	0	0	63	4	4	0	0	0.90 OK	0.01 OK	0.01 OK	0.03 OK	0.02 OK	0.24 OK	0.06 OK	0.00 OK	0.00 OK	0.00 OK	0.00 OK	0.00 OK

NOTE:

TENSION UNITY INCLUDES SHEAR AND TENSION INTERACTION. MAXIMUM TENSION AND SHEAR LOADS OCCUR IN DIFFERENT LOAD CASES. OK BY OBSERVATION

GRID LABEL	BASE PLATE	BRACE LANDS AT BASE PLATE	MEMBER TAG	NODE TAG	SHAPE	ROTATION (RISA 3D)	WEB DIRECTION	MEMBER DEPTH d	FLANGE WIDTH bf	N SUPPLIED	B SUPPLIED	A_1 SUPPLIED	A_2 SUPPLIED	DIMENSION CHECK	P_{comp}	P_{uplift}	SHEAR (N/S)	SHEAR (E/W)	CONCRETE BEARING CHECK			BASE PLATE THICKNESS COMPRESSION						
																			P_{comp}	P_p/Ω (Ω=2.31)	COMP UNITY	X	λ	n'	CRITICAL CANTILEVER DIM. m	CRITICAL CANTILEVER DIM. n	CRITICAL CANTILEVER DIM. λn'	CRITICAL CANTILEVER DIM. / (MAX:m,n,λn')	$t_{(comp.\ req.)}$	t SUPPLIED	THICKNESS UNITY
A.1-1.1	BP-51	NONE			W10X22		N/S	10.2 IN	5.8 IN	12 IN	10 IN	120 IN2	120 IN2	0.85 OK	13.5 K	0.33 K	1.1 K	1.6 K	13.5 K	220.8 K	0.06 OK	0.06	0.24	1.91 IN	1.16 IN	2.70 IN	0.46 IN	2.70 IN	0.23 IN	0.75	0.10 OK
A.1-10	BP-57	NONE			W24x68	90	E/W	23.7 IN	9.0 IN	28 IN	12 IN	336 IN2	336 IN2	0.85 OK	96.7 K	2.45 K	0.1 K	12.9 K	96.7 K	618.2 K	0.16 OK	0.12	0.36	3.65 IN	2.74 IN	2.41 IN	1.33 IN	2.74 IN	0.38 IN	1	0.14 OK
A.1-11.1	BP-57	NONE			W24X55	90	E/W	23.6 IN	7.0 IN	28 IN	12 IN	336 IN2	336 IN2	0.84 OK	71.8 K	2.67 K	0.1 K	9.1 K	71.8 K	618.2 K	0.12 OK	0.08	0.29	3.22 IN	2.79 IN	3.20 IN	0.94 IN	3.20 IN	0.38 IN	1	0.15 OK
A.1-11.9	BP-60	NONE			W14X30	90	E/W	13.8 IN	6.7 IN	16 IN	10 IN	160 IN2	160 IN2	0.86 OK	8.2 K	2.75 K	2.3 K	1.0 K	8.2 K	294.4 K	0.03 OK	0.02	0.16	2.41 IN	1.45 IN	2.31 IN	0.38 IN	2.31 IN	0.14 IN	0.75	0.03 OK
A.1-2.1	BP-60	NONE			W14X30	90	E/W	13.8 IN	6.7 IN	16 IN	10 IN	160 IN2	160 IN2	0.86 OK	29.0 K	1.78 K	0.1 K	3.5 K	29.0 K	294.4 K	0.10 OK	0.09	0.30	2.41 IN	1.45 IN	2.31 IN	0.73 IN	2.31 IN	0.25 IN	0.75	0.11 OK
A.1-3	BP-57	NONE			W24x68	90	E/W	23.7 IN	9.0 IN	28 IN	12 IN	336 IN2	336 IN2	0.85 OK	104.3 K	3.27 K	0.4 K	13.5 K	104.3 K	618.2 K	0.17 OK	0.13	0.38	3.65 IN	2.74 IN	2.41 IN	1.38 IN	2.74 IN	0.39 IN	1	0.16 OK
A.1-4	BP-58	NONE			W24X68	90	E/W	23.7 IN	9.0 IN	28 IN	18 IN	504 IN2	504 IN2	0.85 OK	128.1 K	32.92 K	23.4 K	13.7 K	128.1 K	927.3 K	0.14 OK	0.11	0.34	3.65 IN	2.74 IN	5.41 IN	1.24 IN	5.41 IN	0.71 IN	1.25	0.32 OK
A.1-5	BP-58	NONE			W24X68	90	E/W	23.7 IN	9.0 IN	28 IN	18 IN	504 IN2	504 IN2	0.85 OK	128.5 K	19.60 K	18.8 K	13.9 K	128.5 K	927.3 K	0.14 OK	0.11	0.34	3.65 IN	2.74 IN	5.41 IN	1.25 IN	5.41 IN	0.71 IN	1.25	0.32 OK
A.1-6	BP-57	NONE			W24x68	90	E/W	23.7 IN	9.0 IN	28 IN	12 IN	336 IN2	336 IN2	0.85 OK	105.7 K	2.06 K	0.1 K	13.8 K	105.7 K	618.2 K	0.17 OK	0.14	0.38	3.65 IN	2.74 IN	2.41 IN	1.39 IN	2.74 IN	0.40 IN	1	0.16 OK
A.1-7	BP-57	NONE			W24X68	90	E/W	23.7 IN	9.0 IN	28 IN	12 IN	336 IN2	336 IN2	0.85 OK	110.3 K	2.85 K	0.1 K	13.8 K	110.3 K	618.2 K	0.18 OK	0.14	0.39	3.65 IN	2.74 IN	2.41 IN	1.43 IN	2.74 IN	0.41 IN	1	0.16 OK
A.1-8	BP-58	NONE			W24X68	90	E/W	23.7 IN	9.0 IN	28 IN	18 IN	504 IN2	504 IN2	0.85 OK	125.8 K	20.12 K	20.8 K	13.9 K	125.8 K	927.3 K	0.14 OK	0.11	0.34	3.65 IN	2.74 IN	5.41 IN	1.23 IN	5.41 IN	0.70 IN	1.25	0.31 OK
A.1-9	BP-58	NONE			W24X68	90	E/W	23.7 IN	9.0 IN	28 IN	18 IN	504 IN2	504 IN2	0.85 OK	132.9 K	27.77 K	20.2 K	13.7 K	132.9 K	927.3 K	0.14 OK	0.11	0.35	3.65 IN	2.74 IN	5.41 IN	1.27 IN	5.41 IN	0.72 IN	1.25	0.33 OK
A.7-1.1	BP-61	NONE			W8X18		N/S	8.1 IN	5.3 IN	9 IN	7 IN	63 IN2	63 IN2	0.90 OK	1.7 K	0.44 K	1.7 K	0.0 K	1.7 K	115.9 K	0.01 OK	0.01	0.12	1.63 IN	0.63 IN	1.40 IN	0.20 IN	1.40 IN	0.06 IN	0.5	0.01 OK
B-1.1	BP-51	NONE			W10X22		N/S	10.2 IN	5.8 IN	12 IN	10 IN	120 IN2	120 IN2	0.85 OK	27.7 K	1.83 K	2.4 K	0.0 K	27.7 K	220.8 K	0.13 OK	0.12	0.35	1.91 IN	1.16 IN	2.70 IN	0.67 IN	2.70 IN	0.34 IN	0.75	0.20 OK
B-11.9	BP-57	NONE			W24x68	180	N/S	23.7 IN	9.0 IN	28 IN	12 IN	336 IN2	336 IN2	0.85 OK	15.4 K	4.71 K	15.9 K	0.1 K	15.4 K	618.2 K	0.02 OK	0.02	0.14	3.65 IN	2.74 IN	2.41 IN	0.52 IN	2.74 IN	0.15 IN	1	0.02 OK
B-2.1	BP-57	NONE			W24X68		N/S	23.7 IN	9.0 IN	28 IN	12 IN	336 IN2	336 IN2	0.85 OK	53.3 K	0.62 K	12.4 K	0.1 K	53.3 K	618.2 K	0.09 OK	0.07	0.27	3.65 IN	2.74 IN	2.41 IN	0.97 IN	2.74 IN	0.28 IN	1	0.08 OK
C-1.1	BP-51	NONE			W10X22		N/S	10.2 IN	5.8 IN	12 IN	10 IN	120 IN2	120 IN2	0.85 OK	31.7 K	1.41 K	3.7 K	0.0 K	31.7 K	220.8 K	0.14 OK	0.13	0.38	1.91 IN	1.16 IN	2.70 IN	0.72 IN	2.70 IN	0.36 IN	0.75	0.23 OK
C-11.9	BP-57	NONE			W24x68	180	N/S	23.7 IN	9.0 IN	28 IN	12 IN	336 IN2	336 IN2	0.85 OK	15.9 K	4.69 K	16.8 K	0.1 K	15.9 K	618.2 K	0.03 OK	0.02	0.14	3.65 IN	2.74 IN	2.41 IN	0.52 IN	2.74 IN	0.15 IN	1	0.02 OK
C-2.1	BP-57	NONE			W24x68		N/S	23.7 IN	9.0 IN	28 IN	12 IN	336 IN2	336 IN2	0.85 OK	55.6 K	0.75 K	14.5 K	0.1 K	55.6 K	618.2 K	0.09 OK	0.07	0.27	3.65 IN	2.74 IN	2.41 IN	0.99 IN	2.74 IN	0.29 IN	1	0.08 OK
D.5-1.1	BP-52	NONE			W10X22		N/S	10.2 IN	5.8 IN	19 IN	10 IN	190 IN2	190 IN2	0.58 OK	20.4 K	19.31 K	1.5 K	20.0 K	20.4 K	349.6 K	0.06 OK	0.05	0.24	1.91 IN	4.66 IN	2.70 IN	0.45 IN	4.66 IN	0.39 IN	1	0.16 OK
D.5-2.1	BP-52	NONE			W10X22		N/S	10.2 IN	5.8 IN	19 IN	10 IN	190 IN2	190 IN2	0.58 OK	79.6 K	59.06 K	1.3 K	35.8 K	79.6 K	349.6 K	0.23 OK	0.21	0.49	1.91 IN	4.66 IN	2.70 IN	0.93 IN	4.66 IN	0.78 IN	1	0.61 OK
D-1.1	BP-51	NONE			W10X22		N/S	10.2 IN	5.8 IN	12 IN	10 IN	120 IN2	120 IN2	0.85 OK	30.4 K	1.05 K	2.8 K	0.0 K	30.4 K	220.8 K	0.14 OK	0.13	0.37	1.91 IN	1.16 IN	2.70 IN	0.71 IN	2.70 IN	0.35 IN	0.75	0.22 OK
D-11.9	BP-58	NONE			W24x76	180	N/S	23.9 IN	9.0 IN	28 IN	18 IN	504 IN2	504 IN2	0.85 OK	133.5 K	95.13 K	16.2 K	46.4 K	133.5 K	927.3 K	0.14 OK	0.11	0.35	3.66 IN	2.65 IN	5.40 IN	1.28 IN	5.40 IN	0.72 IN	1.25	0.33 OK
D-2.1	BP-57	NONE			W24X76		N/S	23.9 IN	9.0 IN	28 IN	12 IN	336 IN2	336 IN2	0.85 OK	125.3 K	84.63 K	13.0 K	0.3 K	125.3 K	618.2 K	0.20 OK	0.16	0.42	3.66 IN	2.65 IN	2.40 IN	1.54 IN	2.65 IN	0.42 IN	1	0.17 OK
E.5-1.1	BP-52	NONE			W10X22		N/S	10.2 IN	5.8 IN	19 IN	10 IN	190 IN2	190 IN2	0.58 OK	2.9 K	0.70 K	1.8 K	0.0 K	2.9 K	349.6 K	0.01 OK	0.01	0.09	1.91 IN	4.66 IN	2.70 IN	0.17 IN	4.66 IN	0.15 IN	1	0.02 OK
E.5-2.1	BP-52	NONE			W10X22		N/S	10.2 IN	5.8 IN	19 IN	10 IN	190 IN2	190 IN2	0.58 OK	55.3 K	34.42 K	0.9 K	26.0 K	55.3 K	349.6 K	0.16 OK	0.15	0.40	1.91 IN	4.66 IN	2.70 IN	0.76 IN	4.66 IN	0.65 IN	1	0.42 OK
E-1.1	BP-52	NONE			W10X22		N/S	10.2 IN	5.8 IN	19 IN	10 IN	190 IN2	190 IN2	0.58 OK	33.7 K	22.89 K	2.4 K	9.1 K	33.7 K	349.6 K	0.10 OK	0.09	0.30	1.91 IN	4.66 IN	2.70 IN	0.58 IN	4.66 IN	0.51 IN	1	0.26 OK
E-11.9	BP-59	NONE			W24x76	180	N/S	23.9 IN	9.0 IN	28 IN	24 IN	672 IN2	672 IN2	0.85 OK	26.1 K	7.93 K	17.3 K	44.9 K	26.1 K	1236.4 K	0.02 OK	0.02	0.13	3.66 IN	2.65 IN	8.40 IN	0.48 IN	8.40 IN	0.43 IN	0.75	0.33 OK
E-2.1	BP-58	NONE			W24X76		N/S	23.9 IN	9.0 IN	28 IN	18 IN	504 IN2	504 IN2	0.85 OK	70.8 K	42.71 K	14.5 K	28.3 K	70.8 K	927.3 K	0.08 OK	0.06	0.25	3.66 IN	2.65 IN	5.40 IN	0.92 IN	5.40 IN	0.52 IN	1.25	0.18 OK
F.6-1.1	BP-53	NONE			W14x34	90	E/W	14.0 IN	6.8 IN	30 IN	12 IN	360 IN2	360 IN2	0.56 OK	44.7 K	86.01 K	2.9 K	9.5 K	44.7 K	662.3 K	0.07 OK	0.06	0.25	2.43 IN	8.35 IN	3.30 IN	0.60 IN	8.35 IN	0.76 IN	1	0.58 OK
F.6-1.9	BP-60	NONE			W14X68	90	E/W	14.0 IN	10.0 IN	16 IN	10 IN	160 IN2	160 IN2	1.00 OK	23.3 K	4.11 K	5.3 K	2.4 K	23.3 K	294.4 K	0.08 OK	0.08	0.28	2.96 IN	1.35 IN	1.00 IN	0.84 IN	1.35 IN	0.13 IN	0.75	0.03 OK
F.9-1.1	BP-55(t1)	NONE			W14x68	270	E/W	14.0 IN	10.0 IN	32 IN	20 IN	640 IN2	640 IN2	0.50 OK	68.4 K	143.95 K	136.4 K	3.2 K	68.4 K	1177.5 K	0.06 OK	0.06	0.24	2.96 IN	9.35 IN	6.00 IN	0.71 IN	9.35 IN	0.79 IN	1.5	0.28 OK
F.9-1.9	BP-56(t1)	NONE			W14x211	270	E/W	15.7 IN	15.8 IN	22 IN	20 IN	440 IN2	440 IN2	0.79 OK	682.0 K	17.68 K	2.1 K	5.4 K	682.0 K	809.5 K	0.84 OK	0.84	1.31	3.94 IN	3.54 IN	3.68 IN	5.17 IN	5.17 IN	1.67 IN	1.75	0.91 OK
F.9-11.1	BP-56(t1)	NONE			W14x342	270	E/W	17.5 IN	16.4 IN	22 IN	20 IN	440 IN2	440 IN2	0.82 OK	561.3 K	16.12 K	3.3 K	8.4 K	561.3 K	809.5 K	0.69 OK	0.69	1.07	4.24 IN	2.69 IN	3.44 IN	4.54 IN	4.54 IN	1.32 IN	1.75	0.57 OK
F.9-11.9	BP-54	NONE			W14x61	270	E/W	13.9 IN	10.0 IN	28 IN	20 IN	560 IN2	560 IN2	0.50 OK	75.3 K	52.27 K	126.4 K	3.2 K	75.3 K	1030.3 K	0.07 OK	0.07	0.27	2.95 IN	7.40 IN	6.00 IN	0.80 IN	7.40 IN	0.70 IN	1	0.49 OK
F1.1	BP-51	NONE			W10x22		N/S	10.2 IN	5.8 IN	12 IN	10 IN	120 IN2	120 IN2	0.85 OK	19.0 K	3.86 K	2.0 K	0.0 K	19.0 K	220.8 K	0.09 OK	0.08	0.29	1.91 IN	1.16 IN	2.70 IN	0.55 IN	2.70 IN	0.28 IN	0.75	0.14 OK
F-11.9	BP-58	NONE			W24x76	180	N/S	23.9 IN	9.0 IN	28 IN	18 IN	504 IN2	504 IN2	0.85 OK	115.0 K	104.92 K	18.0 K	54.6 K	115.0 K	927.3 K	0.12 OK	0.10	0.32	3.66 IN	2.65 IN	5.40 IN	1.18 IN	5.40 IN	0.67 IN	1.25	0.28 OK
F-2.1	BP-58	NONE			W24x76		N/S	23.9 IN	9.0 IN	28 IN	18 IN	504 IN2	504 IN2	0.85 OK	151.8 K	154.77 K	11.9 K	30.2 K	151.8 K	927.3 K	0.16 OK	0.13	0.37	3.66 IN	2.65 IN	5.40 IN	1.37 IN	5.40 IN	0.77 IN	1.25	0.38 OK

| GRID LABEL | BASE PLATE | BRACE LANDS AT BASE PLATE | MEMBER TAG | NODE TAG | SHAPE | WEB DIRECTION | MEMBER DEPTH d | FLANGE WIDTH bf | # of Bolts | LAYUP | GAUGE | PITCH 1 | PITCH 2 | tflange | tweb | k1 | BASE PLATE THICKNESS BENDING | | |

GRID LABEL	BASE PLATE	SHEAR KEY	t_{bp}	t_{grout}	t_{washer}	P_{uplift}	SHEAR (N/S)	SHEAR (E/W)	QTY. OF RODS	ROD DIAMETER	A_{rod}	SHEAR PER ROD	SHEAR STRESS PER ROD	UPLIFT PER ROD	UPLIFT STRESS PER ROD	LEVER ARM DIST.	MOMENT ON ROD	Z_{rod}	TENSILE STRESS FROM MOMENT	MAX TENSILE STRESS PER ROD	Fnv=0.45Fu	Fnv/Ω Ω=2.0	Fnt=0.75Fu	Fnt/Ω Ω=2.0	Fnt'/Ω Ω=2.0	GOVERNING CAPACITY MIN(Fnt,Fnt')	LOAD CAPACITY Rn/Ω Ω=2.0	TENSION UNITY	SHEAR UNITY
A.1-1.1	BP-51	NONE	0.75 IN	2.00 IN	0.25 IN	0.33 K	1.1 K	1.6 K	4	0.75 IN	0.44 IN2	0.48 K	1.10 KSI	0.08 K	0.19 KSI	1.50 IN	0.73 K-IN	0.070 IN3	10.34 KSI	10.53 KSI	33.75 KSI	16.88 KSI	56.25 KSI	28.13 KSI	34.73 KSI	28.13 KSI	12.43 K	**0.30 OK**	**0.07 OK**
A.1-10	BP-57	NONE	1.00 IN	2.00 IN	0.38 IN	2.45 K	0.1 K	12.9 K	8	1.00 IN	0.79 IN2	1.61 K	2.05 KSI	0.31 K	0.39 KSI	1.69 IN	2.71 K-IN	0.167 IN3	16.27 KSI	16.66 KSI	33.75 KSI	16.88 KSI	56.25 KSI	28.13 KSI	33.15 KSI	28.13 KSI	22.09 K	**0.50 OK**	**0.12 OK**
A.1-11.1	BP-57	NONE	1.00 IN	2.00 IN	0.38 IN	2.67 K	0.1 K	9.1 K	8	1.00 IN	0.79 IN2	1.13 K	1.44 KSI	0.33 K	0.43 KSI	1.69 IN	1.91 K-IN	0.167 IN3	11.49 KSI	11.91 KSI	33.75 KSI	16.88 KSI	56.25 KSI	28.13 KSI	34.15 KSI	28.13 KSI	22.09 K	**0.35 OK**	**0.09 OK**
A.1-11.9	BP-60	NONE	0.75 IN	2.00 IN	0.38 IN	2.75 K	2.3 K	1.0 K	4	1.00 IN	0.79 IN2	0.63 K	0.80 KSI	0.69 K	0.87 KSI	1.56 IN	0.98 K-IN	0.167 IN3	5.88 KSI	6.75 KSI	33.75 KSI	16.88 KSI	56.25 KSI	28.13 KSI	35.23 KSI	28.13 KSI	22.09 K	**0.19 OK**	**0.05 OK**
A.1-2.1	BP-60	NONE	0.75 IN	2.00 IN	0.38 IN	1.78 K	0.1 K	3.5 K	4	1.00 IN	0.79 IN2	0.87 K	1.10 KSI	0.44 K	0.57 KSI	1.56 IN	1.35 K-IN	0.167 IN3	8.11 KSI	8.68 KSI	33.75 KSI	16.88 KSI	56.25 KSI	28.13 KSI	34.73 KSI	28.13 KSI	22.09 K	**0.25 OK**	**0.07 OK**
A.1-3	BP-57	NONE	1.00 IN	2.00 IN	0.38 IN	3.27 K	0.4 K	13.5 K	8	1.00 IN	0.79 IN2	1.69 K	2.15 KSI	0.41 K	0.52 KSI	1.69 IN	2.85 K-IN	0.167 IN3	17.08 KSI	17.60 KSI	33.75 KSI	16.88 KSI	56.25 KSI	28.13 KSI	32.98 KSI	28.13 KSI	22.09 K	**0.53 OK**	**0.13 OK**
A.1-4	BP-58	NONE	1.25 IN	2.00 IN	0.50 IN	32.92 K	23.4 K	13.7 K	8	1.25 IN	1.23 IN2	3.39 K	2.76 KSI	4.11 K	3.35 KSI	1.88 IN	6.36 K-IN	0.326 IN3	19.54 KSI	22.89 KSI	56.25 KSI	28.13 KSI	93.75 KSI	46.88 KSI	56.33 KSI	46.88 KSI	57.52 K	**0.41 OK**	**0.10 OK**
A.1-5	BP-58	NONE	1.25 IN	2.00 IN	0.50 IN	19.60 K	18.8 K	13.9 K	8	1.25 IN	1.23 IN2	2.92 K	2.38 KSI	2.45 K	2.00 KSI	1.88 IN	5.48 K-IN	0.326 IN3	16.84 KSI	18.84 KSI	56.25 KSI	28.13 KSI	93.75 KSI	46.88 KSI	56.97 KSI	46.88 KSI	57.52 K	**0.33 OK**	**0.08 OK**
A.1-6	BP-57	NONE	1.00 IN	2.00 IN	0.38 IN	2.06 K	0.1 K	13.8 K	8	1.00 IN	0.79 IN2	1.72 K	2.19 KSI	0.26 K	0.33 KSI	1.69 IN	2.91 K-IN	0.167 IN3	17.44 KSI	17.77 KSI	33.75 KSI	16.88 KSI	56.25 KSI	28.13 KSI	32.91 KSI	28.13 KSI	22.09 K	**0.54 OK**	**0.13 OK**
A.1-7	BP-57	NONE	1.00 IN	2.00 IN	0.38 IN	2.85 K	0.1 K	13.8 K	8	1.00 IN	0.79 IN2	1.72 K	2.19 KSI	0.36 K	0.45 KSI	1.69 IN	2.90 K-IN	0.167 IN3	17.43 KSI	17.88 KSI	33.75 KSI	16.88 KSI	56.25 KSI	28.13 KSI	32.91 KSI	28.13 KSI	22.09 K	**0.54 OK**	**0.13 OK**
A.1-8	BP-58	NONE	1.25 IN	2.00 IN	0.50 IN	20.12 K	20.8 K	13.9 K	8	1.25 IN	1.23 IN2	3.12 K	2.54 KSI	2.52 K	2.05 KSI	1.88 IN	5.85 K-IN	0.326 IN3	17.97 KSI	20.02 KSI	56.25 KSI	28.13 KSI	93.75 KSI	46.88 KSI	56.70 KSI	46.88 KSI	57.52 K	**0.35 OK**	**0.09 OK**
A.1-9	BP-58	NONE	1.25 IN	2.00 IN	0.50 IN	27.77 K	20.2 K	13.7 K	8	1.25 IN	1.23 IN2	3.05 K	2.48 KSI	3.47 K	2.83 KSI	1.88 IN	5.72 K-IN	0.326 IN3	17.56 KSI	20.39 KSI	56.25 KSI	28.13 KSI	93.75 KSI	46.88 KSI	56.80 KSI	46.88 KSI	57.52 K	**0.36 OK**	**0.09 OK**
A.7-1.1	BP-61	NONE	0.50 IN	2.00 IN	0.25 IN	0.44 K	1.7 K	0.0 K	4	0.75 IN	0.44 IN2	0.42 K	0.94 KSI	0.11 K	0.25 KSI	1.38 IN	0.57 K-IN	0.070 IN3	8.12 KSI	8.36 KSI	33.75 KSI	16.88 KSI	56.25 KSI	28.13 KSI	35.00 KSI	28.13 KSI	12.43 K	**0.24 OK**	**0.06 OK**
B-1.1	BP-51	NONE	0.75 IN	2.00 IN	0.25 IN	1.83 K	2.4 K	0.0 K	4	0.75 IN	0.44 IN2	0.60 K	1.35 KSI	0.46 K	1.03 KSI	1.50 IN	0.89 K-IN	0.070 IN3	12.71 KSI	13.75 KSI	33.75 KSI	16.88 KSI	56.25 KSI	28.13 KSI	34.31 KSI	28.13 KSI	12.43 K	**0.40 OK**	**0.08 OK**
B-11.9	BP-57	NONE	1.00 IN	2.00 IN	0.38 IN	4.71 K	15.9 K	0.1 K	8	1.00 IN	0.79 IN2	1.99 K	2.53 KSI	0.59 K	0.75 KSI	1.69 IN	3.35 K-IN	0.167 IN3	20.12 KSI	20.87 KSI	33.75 KSI	16.88 KSI	56.25 KSI	28.13 KSI	32.35 KSI	28.13 KSI	22.09 K	**0.65 OK**	**0.15 OK**
B-2.1	BP-57	NONE	1.00 IN	2.00 IN	0.38 IN	0.62 K	12.4 K	0.1 K	8	1.00 IN	0.79 IN2	1.55 K	1.98 KSI	0.08 K	0.10 KSI	1.69 IN	2.62 K-IN	0.167 IN3	15.71 KSI	15.81 KSI	33.75 KSI	16.88 KSI	56.25 KSI	28.13 KSI	33.27 KSI	28.13 KSI	22.09 K	**0.48 OK**	**0.12 OK**
C-1.1	BP-51	NONE	0.75 IN	2.00 IN	0.25 IN	1.41 K	3.7 K	0.0 K	4	0.75 IN	0.44 IN2	0.91 K	2.07 KSI	0.35 K	0.80 KSI	1.50 IN	1.37 K-IN	0.070 IN3	19.49 KSI	20.29 KSI	33.75 KSI	16.88 KSI	56.25 KSI	28.13 KSI	33.12 KSI	28.13 KSI	12.43 K	**0.61 OK**	**0.12 OK**
C-11.9	BP-57	NONE	1.00 IN	2.00 IN	0.38 IN	4.69 K	16.8 K	0.1 K	8	1.00 IN	0.79 IN2	2.09 K	2.67 KSI	0.59 K	0.75 KSI	1.69 IN	3.53 K-IN	0.167 IN3	21.20 KSI	21.95 KSI	33.75 KSI	16.88 KSI	56.25 KSI	28.13 KSI	32.12 KSI	28.13 KSI	22.09 K	**0.68 OK**	**0.16 OK**
C-2.1	BP-57	NONE	1.00 IN	2.00 IN	0.38 IN	0.75 K	14.5 K	0.1 K	8	1.00 IN	0.79 IN2	1.81 K	2.31 KSI	0.09 K	0.12 KSI	1.69 IN	3.06 K-IN	0.167 IN3	18.36 KSI	18.48 KSI	33.75 KSI	16.88 KSI	56.25 KSI	28.13 KSI	32.71 KSI	28.13 KSI	22.09 K	**0.57 OK**	**0.14 OK**
D.5-1.1	BP-52	NONE	1.00 IN	2.00 IN	0.50 IN	19.31 K	1.5 K	20.0 K	8	1.25 IN	1.23 IN2	2.51 K	2.04 KSI	2.41 K	1.97 KSI	1.75 IN	4.39 K-IN	0.326 IN3	13.47 KSI	15.44 KSI	56.25 KSI	28.13 KSI	93.75 KSI	46.88 KSI	57.53 KSI	46.88 KSI	57.52 K	**0.27 OK**	**0.07 OK**
D.5-2.1	BP-52	NONE	1.00 IN	2.00 IN	0.50 IN	59.06 K	1.3 K	35.8 K	8	1.25 IN	1.23 IN2	4.48 K	3.65 KSI	7.38 K	6.02 KSI	1.75 IN	7.84 K-IN	0.326 IN3	24.10 KSI	30.11 KSI	56.25 KSI	28.13 KSI	93.75 KSI	46.88 KSI	54.85 KSI	46.88 KSI	57.52 K	**0.55 OK**	**0.13 OK**
D-1.1	BP-51	NONE	0.75 IN	2.00 IN	0.25 IN	1.05 K	2.8 K	0.0 K	4	0.75 IN	0.44 IN2	0.70 K	1.58 KSI	0.26 K	0.60 KSI	1.50 IN	1.05 K-IN	0.070 IN3	14.92 KSI	15.52 KSI	33.75 KSI	16.88 KSI	56.25 KSI	28.13 KSI	33.92 KSI	28.13 KSI	12.43 K	**0.46 OK**	**0.09 OK**
D-11.9	BP-58	NONE	1.25 IN	2.00 IN	0.50 IN	95.13 K	16.2 K	46.4 K	8	1.25 IN	1.23 IN2	6.14 K	5.00 KSI	11.89 K	9.69 KSI	1.88 IN	11.51 K-IN	0.326 IN3	35.37 KSI	45.06 KSI	56.25 KSI	28.13 KSI	93.75 KSI	46.88 KSI	52.60 KSI	46.88 KSI	57.52 K	**0.86 OK**	**0.18 OK**
D-2.1	BP-57	NONE	1.00 IN	2.00 IN	0.38 IN	84.63 K	13.0 K	0.3 K	8	1.00 IN	0.79 IN2	1.62 K	2.07 KSI	10.58 K	13.47 KSI	1.69 IN	2.74 K-IN	0.167 IN3	16.43 KSI	29.90 KSI	33.75 KSI	16.88 KSI	56.25 KSI	28.13 KSI	33.12 KSI	28.13 KSI	22.09 K	**0.90 OK**	**0.12 OK**
E.5-1.1	BP-52	NONE	1.00 IN	2.00 IN	0.50 IN	0.70 K	1.8 K	0.0 K	8	1.25 IN	1.23 IN2	0.22 K	0.18 KSI	0.09 K	0.07 KSI	1.75 IN	0.39 K-IN	0.326 IN3	1.19 KSI	1.26 KSI	56.25 KSI	28.13 KSI	93.75 KSI	46.88 KSI	60.64 KSI	46.88 KSI	57.52 K	**0.02 OK**	**0.01 OK**
E.5-2.1	BP-52	NONE	1.00 IN	2.00 IN	0.50 IN	34.42 K	0.9 K	26.0 K	8	1.25 IN	1.23 IN2	3.26 K	2.65 KSI	4.30 K	3.51 KSI	1.75 IN	5.70 K-IN	0.326 IN3	17.51 KSI	21.02 KSI	56.25 KSI	28.13 KSI	93.75 KSI	46.88 KSI	56.51 KSI	46.88 KSI	57.52 K	**0.37 OK**	**0.09 OK**
E-1.1	BP-52	NONE	1.00 IN	2.00 IN	0.50 IN	22.89 K	2.4 K	9.1 K	8	1.25 IN	1.23 IN2	1.18 K	0.96 KSI	2.86 K	2.33 KSI	1.75 IN	2.06 K-IN	0.326 IN3	6.34 KSI	8.67 KSI	56.25 KSI	28.13 KSI	93.75 KSI	46.88 KSI	59.34 KSI	46.88 KSI	57.52 K	**0.15 OK**	**0.03 OK**
E-11.9	BP-59	NONE	0.75 IN	2.00 IN	0.50 IN	7.93 K	17.3 K	44.9 K	8	1.25 IN	1.23 IN2	6.02 K	4.90 KSI	0.99 K	0.81 KSI	1.63 IN	9.77 K-IN	0.326 IN3	30.03 KSI	30.83 KSI	56.25 KSI	28.13 KSI	93.75 KSI	46.88 KSI	52.77 KSI	46.88 KSI	57.52 K	**0.58 OK**	**0.17 OK**
E-2.1	BP-58	NONE	1.25 IN	2.00 IN	0.50 IN	42.71 K	14.5 K	28.3 K	8	1.25 IN	1.23 IN2	3.97 K	3.24 KSI	5.34 K	4.35 KSI	1.88 IN	7.45 K-IN	0.326 IN3	22.89 KSI	27.24 KSI	56.25 KSI	28.13 KSI	93.75 KSI	46.88 KSI	55.54 KSI	46.88 KSI	57.52 K	**0.49 OK**	**0.12 OK**
F.6-1.1	BP-53	NONE	1.00 IN	2.00 IN	0.38 IN	86.01 K	2.9 K	9.5 K	8	1.00 IN	0.79 IN2	1.24 K	1.58 KSI	10.75 K	13.69 KSI	1.69 IN	2.10 K-IN	0.167 IN3	12.58 KSI	26.27 KSI	33.75 KSI	16.88 KSI	56.25 KSI	28.13 KSI	33.93 KSI	28.13 KSI	22.09 K	**0.77 OK**	**0.09 OK**
F.6-1.9	BP-60	NONE	0.75 IN	2.00 IN	0.38 IN	4.11 K	5.3 K	2.4 K	4	1.00 IN	0.79 IN2	1.45 K	1.84 KSI	1.03 K	1.31 KSI	1.56 IN	2.26 K-IN	0.167 IN3	13.58 KSI	14.89 KSI	33.75 KSI	16.88 KSI	56.25 KSI	28.13 KSI	33.49 KSI	28.13 KSI	22.09 K	**0.44 OK**	**0.11 OK**
F.9-1.1	BP-55(t1)	NONE	1.50 IN	2.00 IN	0.63 IN	143.95 K	136.4 K	3.2 K	8	1.75 IN	2.41 IN2	17.05 K	7.09 KSI	17.99 K	7.48 KSI	2.06 IN	35.17 K-IN	0.893 IN3	39.37 KSI	46.86 KSI	56.25 KSI	28.13 KSI	93.75 KSI	46.88 KSI	49.12 KSI	46.88 KSI	112.75 K	**0.95 OK**	**0.25 OK**
F.9-1.9	BP-56(t1)	NONE	1.75 IN	2.00 IN	0.50 IN	17.68 K	2.1 K	5.4 K	4	1.25 IN	1.23 IN2	1.46 K	1.19 KSI	4.42 K	3.60 KSI	2.13 IN	3.09 K-IN	0.326 IN3	9.50 KSI	13.10 KSI	56.25 KSI	28.13 KSI	93.75 KSI	46.88 KSI	58.96 KSI	46.88 KSI	57.52 K	**0.22 OK**	**0.04 OK**
F.9-11.1	BP-56(t1)	NONE	1.75 IN	2.00 IN	0.50 IN	16.12 K	3.3 K	8.4 K	4	1.25 IN	1.23 IN2	2.25 K	1.84 KSI	4.03 K	3.28 KSI	2.13 IN	4.79 K-IN	0.326 IN3	14.71 KSI	18.00 KSI	56.25 KSI	28.13 KSI	93.75 KSI	46.88 KSI	57.88 KSI	46.88 KSI	57.52 K	**0.31 OK**	**0.07 OK**
F.9-11.9	BP-54	NONE	1.00 IN	2.00 IN	0.63 IN	52.27 K	126.4 K	3.2 K	8	1.75 IN	2.41 IN2	15.80 K	6.57 KSI	6.53 K	2.72 KSI	1.81 IN	28.64 K-IN	0.893 IN3	32.07 KSI	34.78 KSI	56.25 KSI	28.13 KSI	93.75 KSI	46.88 KSI	49.99 KSI	46.88 KSI	112.75 K	**0.70 OK**	**0.23 OK**
F1.1	BP-51	NONE	0.75 IN	2.00 IN	0.25 IN	3.86 K	2.0 K	0.0 K	4	0.75 IN	0.44 IN2	0.50 K	1.13 KSI	0.97 K	2.18 KSI	1.50 IN	0.75 K-IN	0.070 IN3	10.64 KSI	12.82 KSI	33.75 KSI	16.88 KSI	56.25 KSI	28.13 KSI	34.68 KSI	28.13 KSI	12.43 K	**0.37 OK**	**0.07 OK**
F-11.9	BP-58	NONE	1.25 IN	2.00 IN	0.50 IN	104.92 K	18.0 K	54.6 K	8	1.25 IN	1.23 IN2	7.19 K	5.86 KSI	13.11 K	10.69 KSI	1.88 IN	13.48 K-IN	0.326 IN3	41.41 KSI	52.10 KSI	56.25 KSI	28.13 KSI	93.75 KSI	46.88 KSI	51.17 KSI	46.88 KSI	57.52 K	**1.02 NG**	**0.21 OK**
F-2.1	BP-58	NONE	1.25 IN	2.00 IN	0.50 IN	154.77 K	11.9 K	30.2 K	8	1.25 IN	1.23 IN2	4.05 K	3.30 KSI	19.35 K	15.77 KSI	1.88 IN	7.60 K-IN	0.326 IN3	23.34 KSI	39.11 KSI	56.25 KSI	28.13 KSI	93.75 KSI	46.88 KSI	55.43 KSI	46.88 KSI	57.52 K	**0.71 OK**	**0.12 OK**

PMA Engineering

Company : PMA Engineering
Designer : FHS
Job Number : P24054
Model Name : SWF Hangar

6/25/2024
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Model Settings

Number of Reported Sections	5
Number of Internal Sections	100
Member Area Load Mesh Size (in^2)	144
Consider Shear Deformation	Yes
Consider Torsional Warping	Yes
Approximate Mesh Size (in)	24
Transfer Forces Between Intersecting Wood Walls	Yes
Increase Wood Wall Nailing Capacity for Wind Loads	Yes
Include P-Delta for Walls	Yes
Optimize Masonry and Wood Walls	Yes
Maximum Number of Iterations	3
Single	No
Multiple (Optimum)	Yes
Maximum	No

Global Axis corresponding to vertical direction	Y
Convert Existing Data	Yes
Default Global Plane for z-axis	XZ
Plate Local Axis Orientation	Global

Hot Rolled Steel	AISC 15th (360-16): ASD
Stiffness Adjustment	Yes (Iterative)
Notional Annex	None
Connections	AISC 15th (360-16): ASD
Cold Formed Steel	AISI S100-20: ASD
Stiffness Adjustment	Yes (Iterative)
Wood	AWC NDS-18 / SDPWS-21 ASD
Temperature	< 100F
Concrete	ACI 318-19
Masonry	TMS 402-16: ASD
Aluminum	AA ADM1-20: ASD
Structure Type	Building
Stiffness Adjustment	Yes (Iterative)
Stainless	AISC 14th (360-10): ASD
Stiffness Adjustment	Yes (Iterative)

Compression Stress Block	Rectangular Stress Block
Analyze using Cracked Sections	Yes
Leave room for horizontal rebar splices (2*d bar spacing)	No
List forces which were ignored for design in the Detail Report	Yes

Column Min Steel	1
Column Max Steel	8
Rebar Material Spec	ASTM A615
Warn if beam-column framing arrangement is not understood	No
Number of Shear Regions	4
Region 2 & 3 Spacing Increase Increment (in)	4

Code	ASCE 7-16
Risk Category	I or II
Drift Cat	Other
Base Elevation (ft)	
Include the weight of the structure in base shear calcs	Yes
S_1 (g)	1
SD_1 (g)	1
SD_s (g)	1
T_L (sec)	5
T Z (sec)	
T X (sec)	
C_tZ	0.02
C_tX	0.02

Model Settings (Continued)

C_tExp. Z	0.75
C_tExp. X	0.75
R Z	3
R X	3
Ω_0Z	1
Ω_0X	1
C_dZ	4
C_dX	4
ρ Z	1
ρ X	1

PMA Engineering

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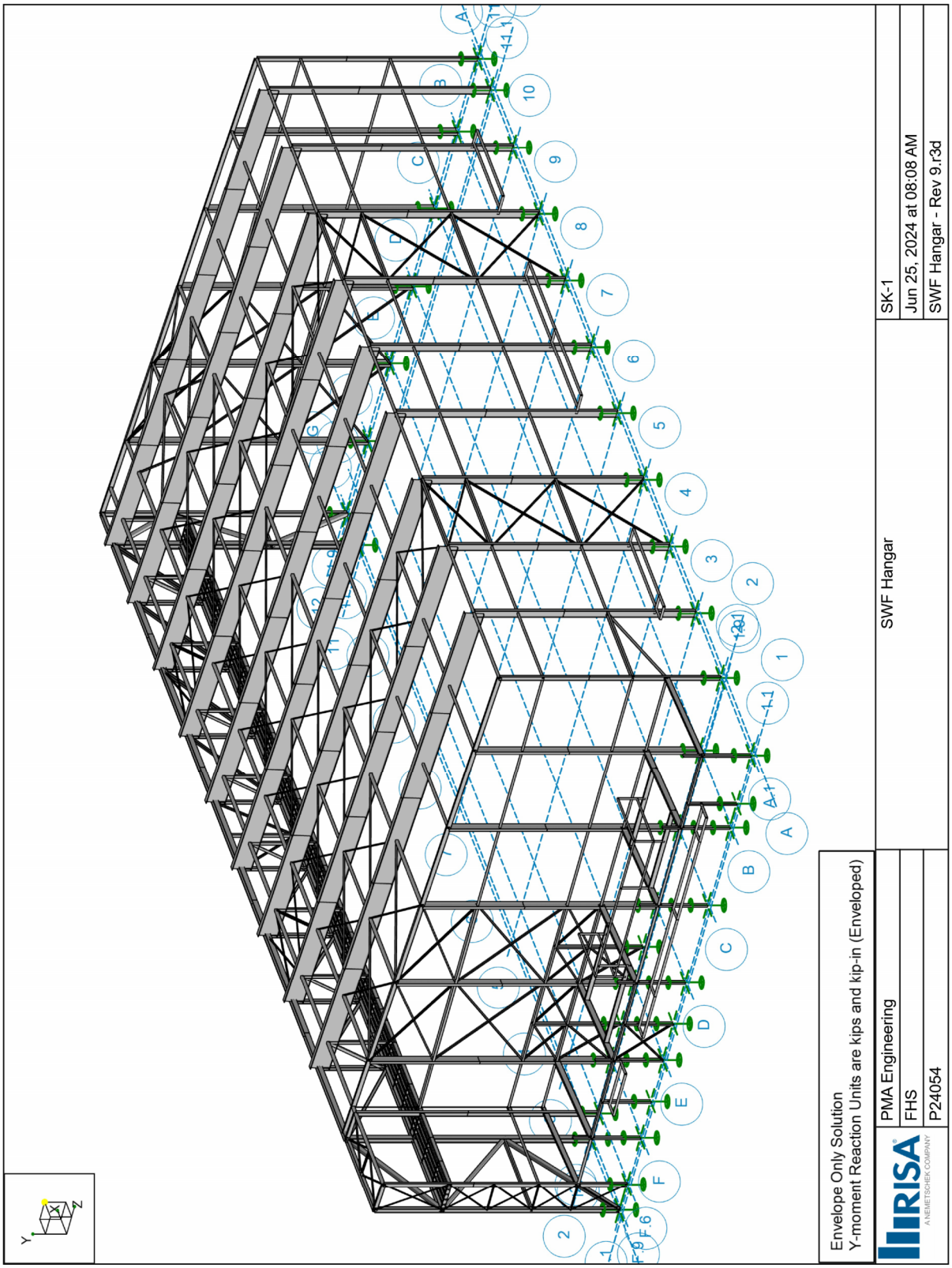

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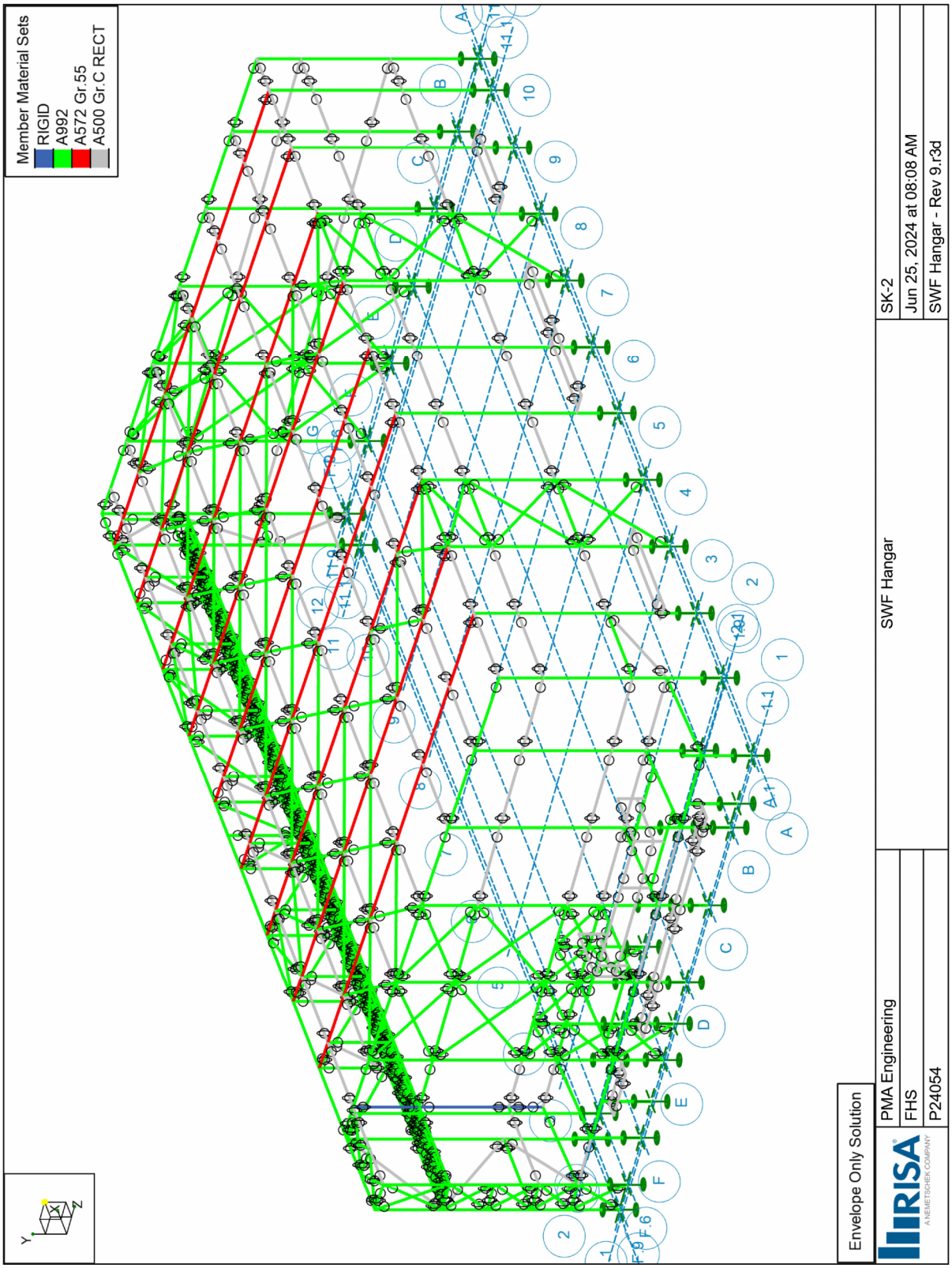

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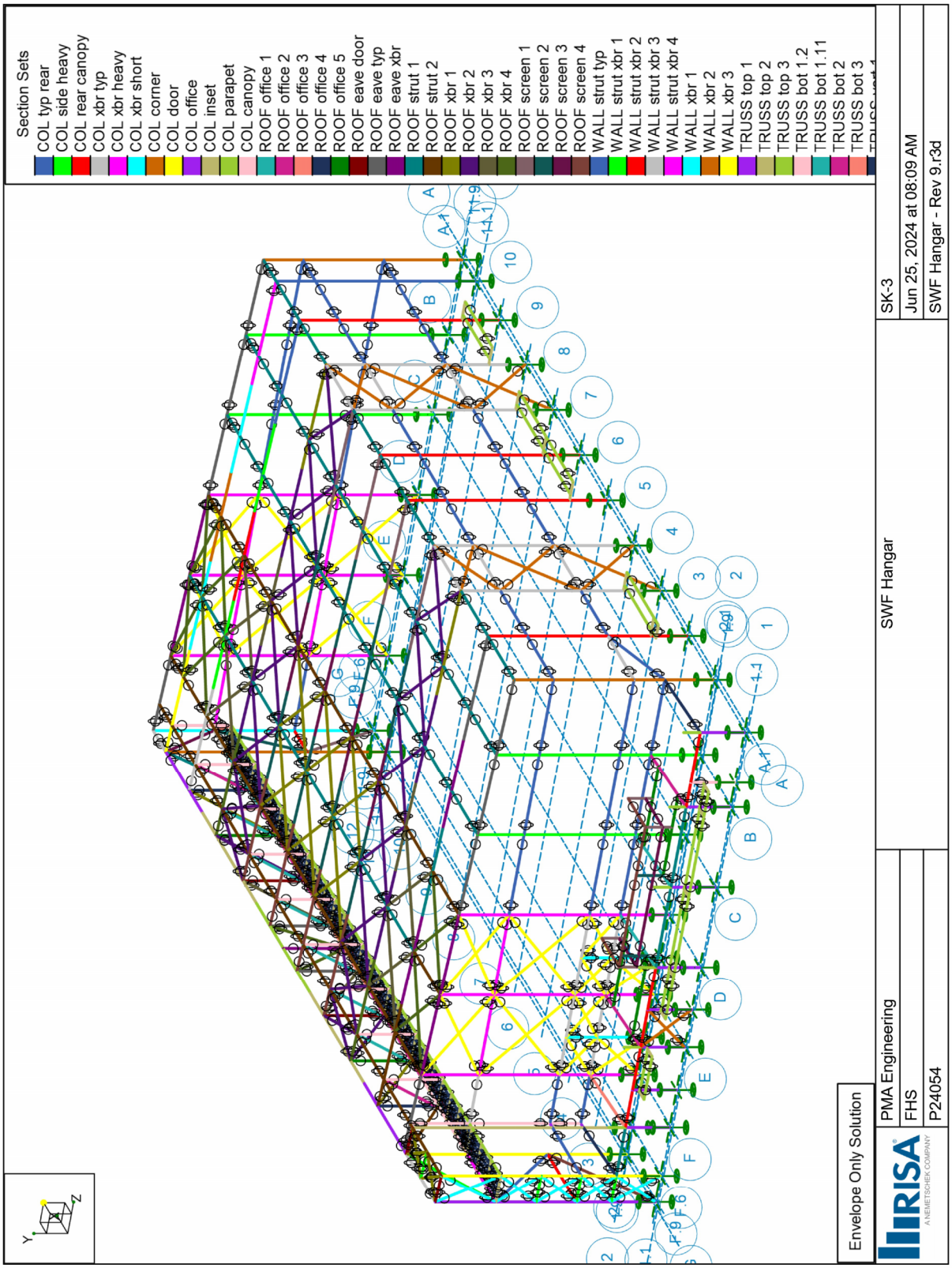

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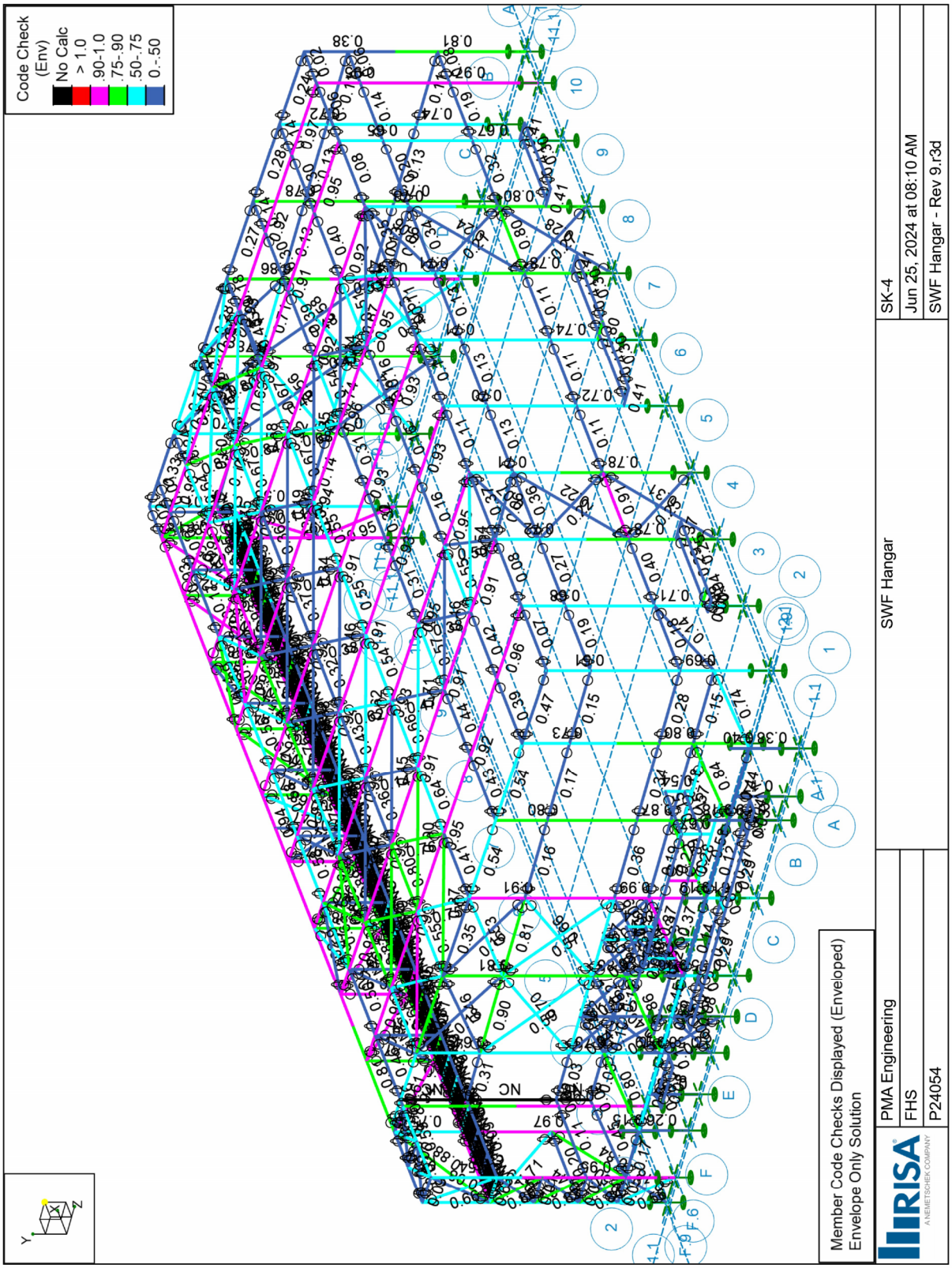

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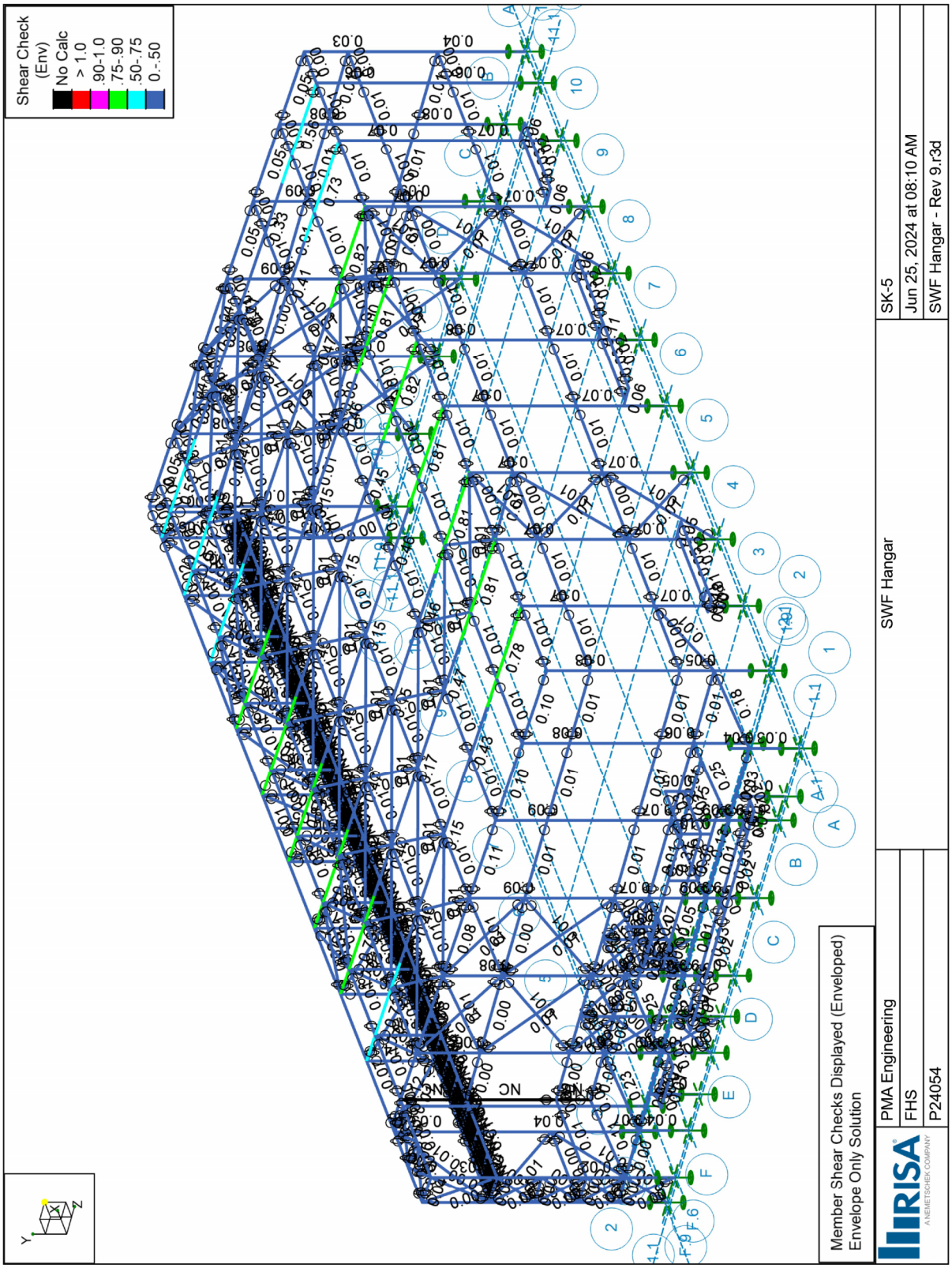

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Project Grid Lines

	Label	Start [ft]	End [ft]	Start [ft]	End [ft]	Start Bubble	End Bubble
1	1	-20	170	0	0	Yes	Yes
2	1.1	-5	155	1.25	1.25	Yes	Yes
3	1.9	-5	155	28	28	Yes	Yes
4	2	-20	170	28.542	28.542	Yes	Yes
5	2.1	-5	155	30.375	30.375	Yes	Yes
6	3	-5	155	54.625	54.625	Yes	Yes
7	4	-5	155	79.625	79.625	Yes	Yes
8	5	-5	155	104.625	104.625	Yes	Yes
9	6	-5	155	129.625	129.625	Yes	Yes
10	7	-5	155	154.625	154.625	Yes	Yes
11	8	-5	155	179.625	179.625	Yes	Yes
12	9	-5	155	204.625	204.625	Yes	Yes
13	10	-5	155	229.625	229.625	Yes	Yes
14	11	-20	170	249.625	249.625	Yes	Yes
15	11.1	-5	155	251.25	251.25	Yes	Yes
16	11.9	-5	155	263	263	Yes	Yes
17	12	-20	170	264.833	264.833	Yes	Yes
18	A	150.125	150.125	-20	285	Yes	Yes
19	A.1	148.375	148.375	-5	270	Yes	Yes
20	A.7	132.667	132.667	-5	35	Yes	
21	B	125	125	-5	270	Yes	Yes
22	C	100	100	-5	270	Yes	Yes
23	D	75	75	-5	270	Yes	Yes
24	D.5	61.667	61.667	-5	35	Yes	
25	E	50	50	-5	270	Yes	Yes
26	E.5	36.667	36.667	-5	35	Yes	
27	F	25	25	-5	270	Yes	Yes
28	F.6	9.875	9.875	-5	35	Yes	
29	F.9	1.625	1.625	-5	270	Yes	Yes
30	G	-0.042	-0.042	-20	285	Yes	Yes

Node Coordinates

	Label	X [ft]	Y [ft]	Z [ft]	Detach From Diaphragm
1	N754	28	14.282004	9.875	
2	A.1-2.1	30.375	0.5	148.375	
3	A.1-3	54.625	0.5	148.375	
4	A.1-4	79.625	0.5	148.375	
5	A.1-5	104.625	0.5	148.375	
6	A.1-6	129.625	0.5	148.375	
7	A.1-7	154.625	0.5	148.375	
8	A.1-8	179.625	0.5	148.375	
9	A.1-9	204.625	0.5	148.375	
10	A.1-10	229.625	0.5	148.375	
11	A.1-11.1	251.25	0.5	148.375	
12	A.1-11.9	263	0.5	148.375	
13	A.7-1.1	1.25	0.5	132.667	
14	B-1.1	1.25	0.5	125	
15	B-2.1	30.375	0.5	125	
16	B-11.9	263	0.5	125	
17	C-1.1	1.25	0.5	100	
18	C-2.1	30.375	0.5	100	
19	C-11.9	263	0.5	100	
20	D-1.1	1.25	0.5	75	
21	D-2.1	30.375	0.5	75	
22	D-11.9	263	0.5	75	
23	D.5-1.1	1.25	0.5	61.667	
24	D.5-2.1	30.375	0.5	61.667	
25	E-1.1	1.25	0.5	50	
26	E-2.1	30.375	0.5	50	
27	E-11.9	263	0.5	50	
28	E.5-2.1	30.375	0.5	36.667	
29	F-2.1	30.375	0.5	25	
30	F-11.9	263	0.5	25	
31	F.6-1.1	1.25	0.5	9.875	
32	F.6-1.9	28	0.5	9.875	
33	F.9-1.1	1.25	0.5	1.625	
34	F.9-1.9	28	0.5	1.625	

Node Coordinates (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Detach From Diaphragm
35	F.9-11.1	251.25	0.5	1.625	
36	F.9-11.9	263	0.5	1.625	
37	F1.1	1.25	0.5	25	
38	N100	1.25	13.167	61.667	
39	N101	154.625	45	1.625	
40	N102	30.375	46.5	3.275	
41	N103	129.625	46.5	3.275	
42	N104	30.375	46.5	4.925	
43	N105	46.832667	46.5	8.225	
44	N106	30.375	14.381	25	
45	N107	54.625	46.5	6.575	
46	N108	7.75	13.437936	125	
47	N109	30.375	14.381	87.5	
48	N110	30.375	46.5	6.575	
49	N111	129.625	59.894059	100	
50	N112	30.375	46.5	8.225	
51	N113	79.625	63.024382	25	
52	N114	212.958333	46.5	6.575	
53	N115	54.625	59.543044	108.410029	
54	N116	1.25	18	75	
55	N117	154.625	57.875	148.375	
56	N118	4.25	13.292047	139.375	
57	N119	251.25	57.875	148.375	
58	N120	1.25	13.167	145.375	
59	N121	212.958333	46.5	1.625	
60	N122	204.625	57.875	148.375	
61	N124	212.958333	46.5	8.225	
62	N125	9.375	13.50567	139.375	
63	N126	263	59.894059	100	
64	N127	251.25	23.25	1.625	
65	N128	263	60.9375	75	
66	N129	79.625	46.5	8.225	
67	N130	204.625	46.5	9.875	
68	N131	71.291667	46.5	6.575	
69	N132	144.125	58.485413	133.75	
70	N133	217.125	46.5	1.625	
71	N134	23.75	14.104854	75	
72	N135	146.291667	46.5	9.875	
73	N136	54.625	59.894059	100	
74	N137	30.375	34.5	25	
75	N138	204.625	64	1.625	
76	N139	121.291667	46.5	6.575	
77	N140	154.625	64	1.625	
78	N141	28	63.655664	9.875	
79	A.1-1.1	1.25	0.5	148.375	
80	N142	263	13.792	1.625	
81	N143	142.125	64	1.625	
82	N144	62.958333	46.5	6.575	
83	N145	104.625	64	1.625	
84	N146	144.125	57.939359	146.833	
85	N147	236.833333	46.5	9.875	
86	N148	79.625	64	1.625	
87	N149	1.25	9.67	100	
88	N150	30.375	63.024382	25	
89	N151	19.083	46.5	3.275	
90	N152	30.375	61.980941	50	
91	N153	62.958333	46.5	9.875	
92	N154	30.375	59.894059	100	
93	N155	30.375	58.850618	125	
94	N156	28	46.5	8.225	
95	N157	103.666	59.309732	114	
96	N158	137.958333	46.5	9.875	
97	N159	208.666	59.108014	118.833	
98	N160	129.625	45	1.625	
99	N161	204.625	23.25	148.375	
100	N162	30.375	23.25	75	
101	N163	104.625	34.5	148.375	
102	N164	71.291667	46.5	8.225	

Node Coordinates (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Detach From Diaphragm
103	N165	1.25	46.5	3.275	
104	N166	1.25	63.655664	9.875	
105	N167	263	23.25	50	
106	N168	263	64	1.625	
107	N169	229.625	23.25	148.375	
108	N170	154.625	23.25	148.375	
109	N171	30.375	23.25	36.667	
110	N172	1.25	13.167	62.5	
111	N174	1.25	18	148.375	
112	N175	146.291667	46.5	3.275	
113	N176	221.291667	46.5	4.925	
114	N177	263	23.25	1.625	
115	N178	30.375	14.381	148.375	
116	N179	154.625	47.5	1.625	
117	N180	87.958333	46.5	1.625	
118	N181	68.666	59.309732	114	
119	N182	30.375	14.381	100	
120	N183	103.666	59.108014	118.833	
121	N184	7.75	16.167	115	
122	N185	251.25	47.5	1.625	
123	N186	30.375	14.381	9.875	
124	N187	171.291667	46.5	3.275	
125	N188	129.625	61.980941	50	
126	N190	30.375	46.5	25	
127	N191	67.125	64	1.625	
128	N192	30.375	46.5	100	
129	N193	121.291667	46.5	4.925	
130	N194	112.958333	46.5	9.875	
131	N195	23.75	14.104854	71.5	
132	N196	204.625	59.543044	108.410029	
133	N197	79.625	46.5	148.375	
134	N198	28	46.5	4.925	
135	N199	46.832667	46.5	6.575	
136	N200	208.666	62.36355	40.833	
137	N202	129.625	46.5	8.225	
138	N203	71.291667	46.5	9.875	
139	N204	251.25	46.5	148.375	
140	N205	129.625	46.5	6.575	
141	N206	15.375	13.755764	15.875	
142	N207	204.625	46.5	148.375	
143	N208	-4	9.67	75	
144	N209	112.958333	46.5	6.575	
145	N210	23.75	14.104854	115	
146	N211	263	46.5	75	
147	N212	30.375	34.5	75	
148	N213	263	46.5	25	
149	N214	121.291667	46.5	3.275	
150	N215	79.625	23.25	148.375	
151	N216	-4	9.67	100	
152	N217	1.25	9.67	61.667	
153	N218	28	46.5	3.275	
154	N219	236.833333	46.5	6.575	
155	N220	58.833	59.108014	118.833	
156	N221	129.625	23.25	148.375	
157	N222	104.625	59.543044	108.410029	
158	N223	263	23.25	148.375	
159	N224	221.291667	46.5	3.275	
160	N225	23.75	16.167	115	
161	N226	263	23.25	125	
162	N227	173.666	59.309732	114	
163	N228	263	23.25	100	
164	N229	1.25	9.67	125	
165	N230	251.25	60.9375	75	
166	N231	263	13.792	75	
167	N232	187.958333	46.5	9.875	
168	N233	204.625	46.5	4.925	
169	N234	204.625	63.024382	25	
170	N235	229.625	45	1.625	

Node Coordinates (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Detach From Diaphragm
171	N236	204.625	60.9375	75	
172	N237	93.833	59.309732	114	
173	N238	179.625	59.894059	100	
174	N239	7.75	21.167	75	
175	N240	179.625	63.024382	25	
176	N241	196.291667	46.5	3.275	
177	N242	179.625	60.9375	75	
178	N243	20.375	13.964176	89.208	
179	N244	179.625	58.850618	125	
180	N245	129.625	59.543044	108.410029	
181	N246	154.625	61.980941	50	
182	N247	204.625	46.5	1.625	
183	N248	1.25	23.25	1.625	
184	N249	187.958333	46.5	8.225	
185	N250	236.833333	46.5	1.625	
186	N251	7.75	21.167	71.5	
187	N252	154.625	58.850618	125	
188	N253	13.5	13.677609	79.833	
189	N254	167.125	64	1.625	
190	N255	87.958333	46.5	4.925	
191	N256	129.625	60.9375	75	
192	N257	0	9.67	132.667	
193	N258	112.958333	46.5	4.925	
194	N259	104.625	61.980941	50	
195	N260	196.291667	46.5	1.625	
196	N261	43.3125	64	1.625	
197	N262	251.25	46.5	9.875	
198	N263	79.625	59.894059	100	
199	N264	54.625	46.5	9.875	
200	N265	92.125	64	1.625	
201	N266	179.625	45	1.625	
202	N267	79.625	58.850618	125	
203	N268	204.625	45	1.625	
204	N269	54.625	60.9375	75	
205	N270	79.625	46.5	1.625	
206	N271	54.625	47.5	1.625	
207	N272	30.375	23.25	100	
208	N273	138.666	62.161832	45.666	
209	N274	7.75	16.167	75	
210	N275	7.25	13.417094	18.875	
211	N276	30.375	61.459221	62.5	
212	N277	233.833	59.108014	118.833	
213	N278	263	61.459221	62.5	
214	N279	1.25	13.167	132.667	
215	N280	229.625	34.5	148.375	
216	N281	112.958333	46.5	1.625	
217	N282	192.125	64	1.625	
218	N283	198.833	59.309732	114	
219	N284	129.625	46.5	9.875	
220	N285	1.25	46.5	9.875	
221	N286	87.958333	46.5	9.875	
222	N287	1.25	13.167	1.625	
223	N288	104.625	46.5	9.875	
224	N289	28	23.25	1.625	
225	N290	263	34.5	25	
226	N291	154.625	46.5	1.625	
227	N292	23.75	21.167	115	
228	N293	129.625	46.5	1.625	
229	N294	135.875	57.875	148.375	
230	N295	179.625	46.5	9.875	
231	N296	1.25	9.67	132.667	
232	N297	46.832667	46.5	1.625	
233	N298	79.625	46.5	9.875	
234	N299	146.291667	46.5	8.225	
235	N300	229.625	46.5	9.875	
236	N301	196.291667	46.5	8.225	
237	N302	244.041667	46.5	9.875	
238	N303	96.291667	46.5	8.225	

Node Coordinates (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Detach From Diaphragm
239	N304	179.625	62.331946	41.590205	
240	N305	229.625	59.543044	108.410029	
241	N306	187.958333	46.5	1.625	
242	N307	162.958333	46.5	4.925	
243	N308	148.042	58.485413	133.75	
244	N309	71.291667	46.5	4.925	
245	N310	171.291667	46.5	1.625	
246	N311	244.041667	46.5	4.925	
247	N312	171.291667	46.5	9.875	
248	N313	163.833	59.309732	114	
249	N314	121.291667	46.5	8.225	
250	N315	129.625	47.5	1.625	
251	N316	146.291667	46.5	1.625	
252	N317	12.042	13.616836	83.875	
253	N318	7.75	21.167	115	
254	N319	96.291667	46.5	9.875	
255	N320	148.042	57.939359	146.833	
256	N321	62.958333	46.5	1.625	
257	N322	0	9.67	61.667	
258	N323	11.833	13.608125	108.708	
259	N324	39.041333	46.5	1.625	
260	N325	1.25	18	9.875	
261	N326	10.167	46.5	1.625	
262	N327	129.625	46.5	4.925	
263	N328	1.25	13.167	15.875	
264	N329	212.958333	46.5	4.925	
265	N330	21.375	14.005858	148.375	
266	N331	103.666	62.161832	45.666	
267	N332	24.375	14.130906	148.375	
268	N333	104.625	46.5	3.275	
269	N334	27.375	14.255953	148.375	
270	N335	30.375	18	148.375	
271	N336	9.375	13.50567	18.875	
272	N337	263	34.5	100	
273	N338	9.375	13.50567	21.875	
274	N339	28	46.5	6.575	
275	N340	87.958333	46.5	6.575	
276	N341	7.25	13.417094	139.375	
277	N342	28	34.5	9.875	
278	N343	251.25	46.5	4.925	
279	N345	135.875	64	1.625	
280	N346	7.25	13.417094	133.375	
281	N347	13.5	13.677609	76.083	
282	N348	9.375	13.50567	133.375	
283	N349	68.666	62.36355	40.833	
284	N350	263	34.5	1.625	
285	N351	58.833	59.309732	114	
286	N352	263	13.792	148.375	
287	N353	204.625	46.5	8.225	
288	N354	251.25	13.792	1.625	
289	N355	217.125	46.5	9.875	
290	N356	1.25	9.67	75	
291	N357	30.375	34.5	148.375	
292	N358	244.041667	46.5	3.275	
293	N359	30.375	34.5	100	
294	N360	30.375	34.5	9.875	
295	N361	204.625	46.5	6.575	
296	N362	104.625	62.331946	41.590205	
297	N363	198.833	62.161832	45.666	
298	N364	204.625	62.331946	41.590205	
299	N365	7.75	13.437936	71.5	
300	N366	229.625	62.331946	41.590205	
301	N367	195.125	64	1.625	
302	N368	79.625	62.331946	41.590205	
303	N370	251.25	62.331946	41.590205	
304	N371	138.666	59.309732	114	
305	N372	154.625	59.543044	108.410029	
306	N373	0	9.67	100	

Node Coordinates (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Detach From Diaphragm
307	N374	89.125	64	1.625	
308	N375	28	64	1.625	
309	N376	54.625	34.5	148.375	
310	N377	162.958333	46.5	6.575	
311	N378	10.167	46.5	8.225	
312	N379	229.625	46.5	4.925	
313	N380	243.666	59.309732	114	
314	N381	251.25	34.5	148.375	
315	N382	58.833	62.36355	40.833	
316	N383	196.291667	46.5	4.925	
317	N384	204.625	34.5	148.375	
318	N385	104.625	46.5	4.925	
319	N386	137.958333	46.5	3.275	
320	N387	30.375	14.381	36.667	
321	N388	54.625	46.5	8.225	
322	N389	30.375	23.25	50	
323	N390	198.833	59.108014	118.833	
324	N391	23.75	14.104854	100	
325	N392	79.625	47.5	1.625	
326	N393	7.75	16.167	71.5	
327	N394	79.625	46.5	6.575	
328	N395	7.75	21.167	100	
329	N396	138.666	62.36355	40.833	
330	N397	112.958333	46.5	3.275	
331	N398	243.666	62.36355	40.833	
332	N399	236.833333	46.5	4.925	
333	N400	229.625	46.5	3.275	
334	N401	196.291667	46.5	6.575	
335	N402	19.083	46.5	8.225	
336	N403	243.666	59.108014	118.833	
337	N404	19.083	46.5	6.575	
338	N405	154.625	46.5	8.225	
339	N406	46.832667	46.5	4.925	
340	N407	28	13.792	1.625	
341	N408	1.25	46.5	8.225	
342	N409	167.125	46.5	1.625	
343	N410	154.625	46.5	3.275	
344	N412	10.167	46.5	4.925	
345	N413	204.625	47.5	1.625	
346	N414	39.041333	46.5	3.275	
347	N415	0	9.67	125	
348	N416	-4	9.67	61.667	
349	N418	68.666	62.161832	45.666	
350	N420	128.833	62.36355	40.833	
351	N422	229.625	47.5	1.625	
352	N423	167.125	46.5	9.875	
353	N425	28	23.25	9.875	
354	N426	30.375	14.381	75	
355	N427	54.625	57.875	148.375	
356	N428	79.625	57.875	148.375	
357	N429	104.625	57.875	148.375	
358	N430	129.625	57.875	148.375	
359	N431	179.625	57.875	148.375	
360	N432	229.625	57.875	148.375	
361	N433	263	58.850618	125	
362	N434	263	61.980941	50	
363	N435	263	63.024382	25	
364	N436	229.625	64	1.625	
365	N437	179.625	64	1.625	
366	N438	129.625	64	1.625	
367	N439	54.625	64	1.625	
368	N440	30.375	60.9375	75	
369	N441	1.25	64	1.625	
370	N442	30.375	57.875	148.375	
371	N443	263	57.875	148.375	
372	N444	251.25	64	1.625	
373	N445	30.375	64	1.625	
374	N446	1.25	18	25	

Node Coordinates (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Detach From Diaphragm
375	N447	1.25	18	50	
376	N448	1.25	18	100	
377	N449	1.25	18	125	
378	N450	30.375	63.655664	9.875	
379	N451	1.25	13.167	25	
380	N452	1.25	13.167	50	
381	N453	1.25	13.167	75	
382	N454	1.25	13.167	100	
383	N455	1.25	13.167	125	
384	N456	1.25	13.167	148.375	
385	N457	30.375	14.381	50	
386	N458	30.375	14.381	125	
387	N459	1.25	13.167	9.875	
388	N460	251.25	46.5	1.625	
389	N461	30.375	46.5	50	
390	N462	30.375	46.5	75	
391	N463	30.375	46.5	125	
392	N464	30.375	46.5	148.375	
393	N465	54.625	46.5	148.375	
394	N466	104.625	46.5	148.375	
395	N467	129.625	46.5	148.375	
396	N468	154.625	46.5	148.375	
397	N469	179.625	46.5	148.375	
398	N470	229.625	46.5	148.375	
399	N471	263	46.5	148.375	
400	N472	263	46.5	125	
401	N473	263	46.5	100	
402	N474	263	46.5	50	
403	N475	263	46.5	1.625	
404	N476	30.375	46.5	9.875	
405	N477	30.375	23.25	148.375	
406	N478	54.625	23.25	148.375	
407	N479	104.625	23.25	148.375	
408	N480	179.625	23.25	148.375	
409	N481	251.25	23.25	148.375	
410	N482	263	23.25	75	
411	N483	263	23.25	25	
412	N484	251.25	59.894059	100	
413	N485	251.25	63.024382	25	
414	N486	251.25	61.980941	50	
415	N487	251.25	58.850618	125	
416	N488	229.625	59.894059	100	
417	N489	229.625	63.024382	25	
418	N490	229.625	61.980941	50	
419	N491	229.625	60.9375	75	
420	N492	229.625	58.850618	125	
421	N493	204.625	59.894059	100	
422	N494	204.625	61.980941	50	
423	N495	204.625	58.850618	125	
424	N496	179.625	61.980941	50	
425	N497	154.625	59.894059	100	
426	N498	154.625	63.024382	25	
427	N499	154.625	60.9375	75	
428	N500	129.625	63.024382	25	
429	N501	129.625	58.850618	125	
430	N502	104.625	59.894059	100	
431	N503	104.625	63.024382	25	
432	N504	104.625	60.9375	75	
433	N505	104.625	58.850618	125	
434	N506	79.625	61.980941	50	
435	N507	79.625	60.9375	75	
436	N508	54.625	63.024382	25	
437	N509	54.625	61.980941	50	
438	N510	54.625	58.850618	125	
439	N511	54.625	63.655664	9.875	
440	N512	79.625	63.655664	9.875	
441	N513	104.625	63.655664	9.875	
442	N514	129.625	63.655664	9.875	

Node Coordinates (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Detach From Diaphragm
443	N515	154.625	63.655664	9.875	
444	N516	179.625	63.655664	9.875	
445	N517	204.625	63.655664	9.875	
446	N518	229.625	63.655664	9.875	
447	N519	251.25	63.655664	9.875	
448	N520	263	63.655664	9.875	
449	N521	92.125	57.875	148.375	
450	N522	192.125	57.875	148.375	
451	N523	30.375	23.25	9.875	
452	N524	30.375	23.25	125	
453	N525	240.4375	64	1.625	
454	N526	217.125	64	1.625	
455	N527	117.125	64	1.625	
456	N528	14.625	64	1.625	
457	N529	1.25	23.25	9.875	
458	N530	1.25	46.5	1.625	
459	N531	1.25	34.875	1.625	
460	N532	1.25	34.875	9.875	
461	N533	179.625	46.5	1.625	
462	N534	104.625	46.5	1.625	
463	N535	229.625	46.5	1.625	
464	N536	54.625	46.5	1.625	
465	N537	142.125	46.5	1.625	
466	N538	154.625	46.5	9.875	
467	N539	244.041667	46.5	1.625	
468	N540	221.291667	46.5	1.625	
469	N541	221.291667	46.5	9.875	
470	N542	212.958333	46.5	9.875	
471	N543	196.291667	46.5	9.875	
472	N544	162.958333	46.5	1.625	
473	N545	162.958333	46.5	9.875	
474	N546	137.958333	46.5	1.625	
475	N547	121.291667	46.5	1.625	
476	N548	121.291667	46.5	9.875	
477	N549	96.291667	46.5	1.625	
478	N550	71.291667	46.5	1.625	
479	N551	39.041333	46.5	9.875	
480	N552	46.832667	46.5	9.875	
481	N553	19.083	46.5	1.625	
482	N554	19.083	46.5	9.875	
483	N555	10.167	46.5	9.875	
484	N556	15.375	13.755764	148.375	
485	N557	18.375	13.880811	148.375	
486	N558	18.375	13.880811	9.875	
487	N559	21.375	14.005858	9.875	
488	N560	24.375	14.130906	9.875	
489	N561	27.375	14.255953	9.875	
490	N562	1.25	13.167	12.875	
491	N563	15.375	13.755764	12.875	
492	N564	18.375	13.880811	12.875	
493	N565	4.25	13.292047	15.875	
494	N566	12.375	13.630717	15.875	
495	N567	4.25	13.292047	18.875	
496	N568	12.375	13.630717	18.875	
497	N569	7.25	13.417094	21.875	
498	N570	4.25	13.292047	145.375	
499	N571	12.375	13.630717	145.375	
500	N572	15.375	13.755764	145.375	
501	N573	12.375	13.630717	139.375	
502	N574	263	34.5	148.375	
503	N575	251.25	34.5	1.625	
504	N576	263	60.415779	87.5	
505	N577	30.375	60.415779	87.5	
506	N578	198.375	57.875	148.375	
507	N579	198.375	64	1.625	
508	N580	54.625	62.331946	41.590205	
509	N581	154.625	62.331946	41.590205	
510	N582	129.625	62.331946	41.590205	

Node Coordinates (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Detach From Diaphragm
511	N583	179.625	59.543044	108.410029	
512	N584	79.625	59.543044	108.410029	
513	N585	251.25	59.543044	108.410029	
514	N586	30.375	14.381	61.667	
515	N587	14.625	63.655664	9.875	
516	N588	129.625	34.5	148.375	
517	N589	154.625	34.5	148.375	
518	N590	30.375	34.5	125	
519	N591	263	34.5	125	
520	N592	179.625	34.5	148.375	
521	N593	30.375	34.5	50	
522	N594	263	34.5	50	
523	N595	263	34.5	75	
524	N596	79.625	34.5	148.375	
525	N597	1.25	40.25	9.875	
526	N598	1.25	13.167	87.5	
527	N599	30.375	23.25	25	
528	N600	30.375	23.25	61.667	
529	N601	7.75	13.437936	115	
530	N602	7.75	13.437936	50	
531	N603	7.75	13.437936	75	
532	N604	7.75	13.437936	100	
533	N605	23.75	14.104854	50	
534	N606	23.75	14.104854	125	
535	N607	23.75	16.167	71.5	
536	N608	7.75	16.167	100	
537	N609	23.75	21.167	71.5	
538	N610	21.583	14.014528	76.083	
539	N611	21.583	14.014528	79.833	
540	N612	12.042	13.616836	89.208	
541	N613	20.375	13.964176	83.875	
542	N614	11.833	13.608125	104.875	
543	N615	14.666	13.726211	104.875	
544	N616	14.666	13.726211	108.708	
545	N617	251.25	46.5	3.275	
546	N618	251.25	46.5	6.575	
547	N619	251.25	46.5	8.225	
548	N620	112.958333	46.5	8.225	
549	N621	96.291667	46.5	3.275	
550	N622	96.291667	46.5	4.925	
551	N623	96.291667	46.5	6.575	
552	N624	229.625	46.5	6.575	
553	N625	229.625	46.5	8.225	
554	N626	19.083	46.5	4.925	
555	N627	87.958333	46.5	3.275	
556	N628	87.958333	46.5	8.225	
557	N629	212.958333	46.5	3.275	
558	N630	46.832667	46.5	3.275	
559	N631	1.25	46.5	4.925	
560	N632	1.25	46.5	6.575	
561	N633	154.625	46.5	4.925	
562	N634	154.625	46.5	6.575	
563	N635	62.958333	46.5	3.275	
564	N636	62.958333	46.5	4.925	
565	N637	62.958333	46.5	8.225	
566	N638	244.041667	46.5	6.575	
567	N639	244.041667	46.5	8.225	
568	N640	236.833333	46.5	3.275	
569	N641	236.833333	46.5	8.225	
570	N642	221.291667	46.5	6.575	
571	N643	221.291667	46.5	8.225	
572	N644	204.625	46.5	3.275	
573	N645	10.167	46.5	6.575	
574	N646	10.167	46.5	3.275	
575	N647	187.958333	46.5	3.275	
576	N648	187.958333	46.5	4.925	
577	N649	187.958333	46.5	6.575	
578	N650	179.625	46.5	3.275	

Node Coordinates (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Detach From Diaphragm
579	N651	179.625	46.5	4.925	
580	N652	179.625	46.5	6.575	
581	N653	179.625	46.5	8.225	
582	N654	162.958333	46.5	3.275	
583	N655	162.958333	46.5	8.225	
584	N656	171.291667	46.5	4.925	
585	N657	171.291667	46.5	6.575	
586	N658	171.291667	46.5	8.225	
587	N659	137.958333	46.5	4.925	
588	N660	137.958333	46.5	6.575	
589	N661	137.958333	46.5	8.225	
590	N662	146.291667	46.5	4.925	
591	N663	146.291667	46.5	6.575	
592	N664	104.625	46.5	6.575	
593	N665	104.625	46.5	8.225	
594	N666	79.625	46.5	3.275	
595	N667	79.625	46.5	4.925	
596	N668	54.625	46.5	3.275	
597	N669	54.625	46.5	4.925	
598	N670	71.291667	46.5	3.275	
599	N671	39.041333	46.5	4.925	
600	N672	39.041333	46.5	6.575	
601	N673	39.041333	46.5	8.225	
602	N674	251.25	45	1.625	
603	N675	28	45	1.625	
604	N676	79.625	45	1.625	
605	N677	104.625	45	1.625	
606	N678	54.625	45	1.625	
607	N679	28	46.5	1.625	
608	N680	28	46.5	9.875	
609	N681	28	34.5	1.625	
610	N682	30.375	46.5	1.625	
611	N683	-4	9.67	125	
612	N684	-4	9.67	132.667	
613	N685	0	9.67	75	
614	N700	129.625	13.792	148.375	
615	N701	67.125	46.5	1.625	
616	N702	67.125	46.5	9.875	
617	N703	117.125	46.5	1.625	
618	N704	117.125	46.5	9.875	
619	N705	179.625	47.5	1.625	
620	N706	104.625	47.5	1.625	
621	N707	28	47.5	1.625	
622	N708	58.833	62.161832	45.666	
623	N709	68.666	59.108014	118.833	
624	N710	93.833	59.108014	118.833	
625	N711	93.833	62.161832	45.666	
626	N712	93.833	62.36355	40.833	
627	N713	103.666	62.36355	40.833	
628	N714	128.833	59.108014	118.833	
629	N715	128.833	62.161832	45.666	
630	N716	128.833	59.309732	114	
631	N717	138.666	59.108014	118.833	
632	N718	163.833	59.108014	118.833	
633	N719	163.833	62.161832	45.666	
634	N720	163.833	62.36355	40.833	
635	N721	173.666	59.108014	118.833	
636	N722	173.666	62.161832	45.666	
637	N723	173.666	62.36355	40.833	
638	N724	198.833	62.36355	40.833	
639	N725	208.666	62.161832	45.666	
640	N726	208.666	59.309732	114	
641	N727	233.833	62.161832	45.666	
642	N728	233.833	59.309732	114	
643	N729	233.833	62.36355	40.833	
644	N730	243.666	62.161832	45.666	
645	N731	-4	11.5	36.667	
646	N732	-4	11.5	50	

Node Coordinates (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Detach From Diaphragm
647	N733	1.25	11.5	36.667	
648	N734	0	11.5	36.667	
649	N735	0	11.5	50	
650	N736	1.25	11.5	50	
651	E.5-1.1	1.25	0.5	36.667	
652	N738	1.25	13.167	36.667	
653	N741	168.625	64	1.625	
654	N742	79.625	62.658593	33.764019	
655	N743	129.625	62.658593	33.764019	
656	N744	54.625	62.658593	33.764019	
657	N745	179.625	62.658593	33.764019	
658	N746	204.625	62.658593	33.764019	
659	N747	251.25	62.658593	33.764019	
660	N748	154.625	62.658593	33.764019	
661	N749	104.625	62.658593	33.764019	
662	N750	229.625	62.658593	33.764019	
663	N751	54.625	59.216407	116.235981	
664	N752	154.625	59.216407	116.235981	
665	N753	251.25	59.216407	116.235981	
666	N755	179.625	59.216407	116.235981	
667	N756	229.625	59.216407	116.235981	
668	N757	79.625	59.216407	116.235981	
669	N758	204.625	59.216407	116.235981	
670	N759	104.625	59.216407	116.235981	
671	N760	129.625	59.216407	116.235981	
672	N761	129.625	61.511198	61.254673	
673	N762	129.625	60.363802	88.745327	
674	N763	251.25	61.511198	61.254673	
675	N764	251.25	60.363802	88.745327	
676	N765	104.625	61.511198	61.254673	
677	N766	104.625	60.363802	88.745327	
678	N767	79.625	61.511198	61.254673	
679	N768	79.625	60.363802	88.745327	
680	N769	54.625	61.511198	61.254673	
681	N770	54.625	60.363802	88.745327	
682	N771	179.625	61.511198	61.254673	
683	N772	179.625	60.363802	88.745327	
684	N773	154.625	61.511198	61.254673	
685	N774	154.625	60.363802	88.745327	
686	N775	204.625	61.511198	61.254673	
687	N776	204.625	60.363802	88.745327	
688	N777	229.625	61.511198	61.254673	
689	N778	229.625	60.363802	88.745327	
690	N690	54.625	11	148.375	
691	N691	79.625	11	148.375	
692	N692	50.375	11	150.125	
693	N693	54.625	11	150.125	
694	N694	54.625	11	154.125	
695	N695	79.625	11	154.125	
696	N696	154.625	11	154.125	
697	N697	129.625	11	150.125	
698	N698	154.625	11	150.125	
699	N699	129.625	11	154.125	
700	N739	154.625	11	148.375	
701	N740	129.625	11	148.375	
702	N779	229.625	11	154.125	
703	N780	204.625	11	150.125	
704	N781	229.625	11	150.125	
705	N782	204.625	11	154.125	
706	N783	229.625	11	148.375	
707	N784	204.625	11	148.375	
708	N785	179.625	11	154.125	
709	N786	179.625	11	150.125	
710	N787	179.625	11	148.375	
711	N789	50.375	11	154.125	
712	N790	79.625	11	150.125	

Node Boundary Conditions

	Node Label	X [k/in]	Y [k/in]	Z [k/in]	Y Rot [k-ft/rad]
1	F.9-1.1	Reaction	Reaction	Reaction	Reaction
2	F1.1	Reaction	Reaction	Reaction	Reaction
3	E-1.1	Reaction	Reaction	Reaction	Reaction
4	D-1.1	Reaction	Reaction	Reaction	Reaction
5	C-1.1	Reaction	Reaction	Reaction	Reaction
6	B-1.1	Reaction	Reaction	Reaction	Reaction
7	A.1-1.1	Reaction	Reaction	Reaction	Reaction
8	F-2.1	Reaction	Reaction	Reaction	Reaction
9	E-2.1	Reaction	Reaction	Reaction	Reaction
10	D-2.1	Reaction	Reaction	Reaction	Reaction
11	C-2.1	Reaction	Reaction	Reaction	Reaction
12	B-2.1	Reaction	Reaction	Reaction	Reaction
13	A.1-2.1	Reaction	Reaction	Reaction	Reaction
14	A.1-3	Reaction	Reaction	Reaction	Reaction
15	A.1-4	Reaction	Reaction	Reaction	Reaction
16	A.1-5	Reaction	Reaction	Reaction	Reaction
17	A.1-6	Reaction	Reaction	Reaction	Reaction
18	A.1-7	Reaction	Reaction	Reaction	Reaction
19	A.1-8	Reaction	Reaction	Reaction	Reaction
20	A.1-9	Reaction	Reaction	Reaction	Reaction
21	A.1-10	Reaction	Reaction	Reaction	Reaction
22	A.1-11.9	Reaction	Reaction	Reaction	Reaction
23	A.1-11.1	Reaction	Reaction	Reaction	Reaction
24	B-11.9	Reaction	Reaction	Reaction	Reaction
25	C-11.9	Reaction	Reaction	Reaction	Reaction
26	D-11.9	Reaction	Reaction	Reaction	Reaction
27	E-11.9	Reaction	Reaction	Reaction	Reaction
28	F-11.9	Reaction	Reaction	Reaction	Reaction
29	F.9-11.9	Reaction	Reaction	Reaction	Reaction
30	F.9-11.1	Reaction	Reaction	Reaction	Reaction
31	F.6-1.1	Reaction	Reaction	Reaction	Reaction
32	F.6-1.9	Reaction	Reaction	Reaction	Reaction
33	F.9-1.9	Reaction	Reaction	Reaction	Reaction
34	A.7-1.1	Reaction	Reaction	Reaction	Reaction
35	D.5-1.1	Reaction	Reaction	Reaction	Reaction
36	D.5-2.1	Reaction	Reaction	Reaction	Reaction
37	E.5-2.1	Reaction	Reaction	Reaction	Reaction
38	E.5-1.1	Reaction	Reaction	Reaction	Reaction

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm. Coeff. [1e^{5}°F^{-1}]	Density [k/ft^{3}]	Yield [ksi]	Ry	Fu [ksi]	Rt
1	A992	29000	11154	0.3	0.65	0.49	50	1.1	65	1.1
2	A36 Gr.36	29000	11154	0.3	0.65	0.49	36	1.5	58	1.2
3	A572 Gr.55	29000	11154	0.3	0.65	0.49	55	1.1	70	1.1
4	A500 Gr.C RND	29000	11154	0.3	0.65	0.527	46	1.4	62	1.3
5	A500 Gr.C RECT	29000	11154	0.3	0.65	0.527	50	1.4	62	1.3

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design Rule	Area [in^{2}]	Iyy [in^{4}]	Izz [in^{4}]	J [in^{4}]
1	COL typ rear	W24X55	Column	WF 24	A992	Typ	16.2	29.1	1350	1.18
2	COL typ side	W24X62	Column	WF 24	A992	Typ	18.2	34.5	1550	1.71
3	COL side heavy	W24X68	Column	WF 24	A992	Typ	20.1	70.4	1830	1.87
4	COL rear canopy	W24X68	Column	Wide Flange	A992	Typ	20.1	70.4	1830	1.87
5	COL xbr typ	W24X68	Column	WF 24	A992	Typ	20.1	70.4	1830	1.87
6	COL xbr heavy	W24X76	Column	WF 24	A992	Typ	22.4	82.5	2100	2.68
7	COL xbr short	W10X22	Column	WF 10	A992	Typ	6.49	11.4	118	0.239
8	COL corner	W14X30	Column	WF 14	A992	Typ	8.85	19.6	291	0.38
9	COL door	W14X34	Column	WF 14	A992	Typ	10	23.3	340	0.569
10	COL office	W10X22	Column	WF 10	A992	Typ	6.49	11.4	118	0.239
11	COL inset	W14X68	Column	WF 14	A992	Typ	20	121	722	3.01
12	COL parapet	W8X18	Column	WF 8	A992	Typ	5.26	7.97	61.9	0.172
13	COL canopy	W8X18	Column	WF 8	A992	Typ	5.26	7.97	61.9	0.172
14	ROOF office 1	W18X46	Beam	WF18	A992	Office Bm	13.5	22.5	712	1.22
15	ROOF office 2	W18X46	Beam	WF18	A992	Office Bm	13.5	22.5	712	1.22
16	ROOF office 3	W18X40	Beam	WF18	A992	Office Bm	11.8	19.1	612	0.81

Hot Rolled Steel Section Sets (Continued)

	Label	Shape	Type	Design List	Material	Design Rule	Area [in²]	Iyy [in⁴]	Izz [in⁴]	J [in⁴]
17	ROOF office 4	W16X31	Beam	WF16	A992	Office Bm	9.13	12.4	375	0.461
18	ROOF office 5	W14X22	Beam	WF14	A992	Office Bm	6.49	7	199	0.208
19	ROOF eave door	W12X26	Beam	WF12	A992	Typ	7.65	17.3	204	0.3
20	ROOF eave typ	W14X22	Beam	WF14	A992	Typ	6.49	7	199	0.208
21	ROOF eave xbr	W14X43	Beam	WF14	A992	Typ	12.6	45.2	428	1.05
22	ROOF strut 1	HSS6X6X3	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"	3.98	22.3	22.3	35
23	ROOF strut 2	HSS8X8X3	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"	5.37	54.4	54.4	84.5
24	ROOF xbr 1	L3X3X3	HBrace	Eq Leg Std Sizes	A992	Typ	1.09	0.948	0.948	0.014
25	ROOF xbr 2	L3X3X4	HBrace	Eq Leg Std Sizes	A992	Typ	1.44	1.23	1.23	0.031
26	ROOF xbr 3	L3.5X3.5X4	HBrace	Eq Leg Std Sizes	A992	Typ	1.7	2	2	0.039
27	ROOF xbr 4	L4X4X5	HBrace	Eq Leg Std Sizes	A992	Typ	2.4	3.67	3.67	0.083
28	ROOF screen 1	HSS4X4X3	Column	SquareTube	A500 Gr.C RECT	HSS 4" to 6"	2.58	6.21	6.21	10
29	ROOF screen 2	HSS5X5X4	Column	SquareTube	A500 Gr.C RECT	HSS 4" to 6"	4.3	16	16	25.8
30	ROOF screen 3	HSS4X4X3	Beam	SquareTube	A500 Gr.C RECT	HSS 4" to 6"	2.58	6.21	6.21	10
31	ROOF screen 4	HSS4X4X3	Beam	SquareTube	A500 Gr.C RECT	HSS 4" to 6"	2.58	6.21	6.21	10
32	WALL strut typ	HSS5X5X3	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"	3.28	12.6	12.6	19.9
33	WALL strut xbr 1	LL3X3X3X3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 3"	2.18	4.09	1.9	0.027
34	WALL strut xbr 2	W10X22	VBrace	W10	A992	Typ	6.49	11.4	118	0.239
35	WALL strut xbr 3	W12X26	VBrace	W12	A992	Typ	7.65	17.3	204	0.3
36	WALL strut xbr 4	W14X43	VBrace	W14	A992	Typ	12.6	45.2	428	1.05
37	WALL xbr 1	L3X3X3	VBrace	Single Angle	A992	ANGLE 3"	1.09	0.948	0.948	0.014
38	WALL xbr 2	LL3.5X3.5X4X3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 3.5"	3.4	8.38	4	0.077
39	WALL xbr 3	LL4X4X4X3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"	3.86	12.2	6	0.088
40	WALL xbr 4	LL5X5X6X3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 5"	7.3	35.3	17.5	0.366
41	TRUSS top 1	W14X145	Beam	WF14	A992	Typ	42.7	677	1710	15.2
42	TRUSS top 2	W14X233	Beam	WF14	A992	Typ	68.5	1150	3010	59.5
43	TRUSS top 3	W14X233	Beam	WF14	A992	Typ	68.5	1150	3010	59.5
44	TRUSS bot 1.2	W14X211	Beam	WF14	A992	Typ	62	1030	2660	44.6
45	TRUSS bot 1.11	W14X193	Beam	WF14	A992	Typ	56.8	931	2400	34.8
46	TRUSS bot 2	W14X120	Beam	WF14	A992	Typ	35.3	495	1380	9.37
47	TRUSS bot 3	W14X145	Beam	WF14	A992	Typ	42.7	677	1710	15.2
48	TRUSS vert 1	W10X88	Column	WF 10	A992	Typ	26	179	534	7.53
49	TRUSS vert 2	W10X77	Column	WF 10	A992	Typ	22.7	154	455	5.11
50	TRUSS vert 3	W10X49	Column	WF 10	A992	Typ	14.4	93.4	272	1.39
51	TRUSS vert 4	W10X33	Column	WF 10	A992	Typ	9.71	36.6	171	0.583
52	TRUSS vert 5	W10X22	Column	WF 10	A992	Typ	6.49	11.4	118	0.239
53	TRUSS diag 1.11	LL8X8X14X6	VBrace	Double Angle (3/4 Gap)	A992	ANGLE 8"	26.6	351	159	6.92
54	TRUSS diag 1.2	LL8X8X18X6	VBrace	Double Angle (3/4 Gap)	A992	ANGLE 8"	33.6	455	196	14.26
55	TRUSS diag 2	LL8X8X12X6	VBrace	Double Angle (3/4 Gap)	A992	ANGLE 8"	23	300	140	4.42
56	TRUSS diag 3	LL8X8X8X6	VBrace	Double Angle (3/4 Gap)	A992	ANGLE 8"	15.7	199	97.6	1.366
57	TRUSS diag 4	LL6X6X6X6	VBrace	Double Angle (3/4 Gap)	A992	ANGLE 6"	8.76	65.8	30.8	0.436
58	TRUSS diag 5	LL4X4X4X3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"	3.86	12.2	6	0.088
59	TRUSS xbr 12A	HSS12X12X5	VBrace	SquareTube	A500 Gr.C RECT	HSS 10" to 12"	13.4	304	304	474
60	TRUSS xbr 12B	HSS10X10X4	VBrace	SquareTube	A500 Gr.C RECT	HSS 10" to 12"	8.96	141	141	220
61	TRUSS xbr 12C	HSS12X12X8	VBrace	SquareTube	A500 Gr.C RECT	HSS 10" to 12"	20.9	457	457	728
62	TRUSS xbr 34A	HSS12X12X5	VBrace	SquareTube	A500 Gr.C RECT	HSS 10" to 12"	13.4	304	304	474
63	TRUSS xbr 34B	HSS10X10X4	VBrace	SquareTube	A500 Gr.C RECT	HSS 10" to 12"	8.96	141	141	220
64	TRUSS xbr 34C	HSS12X12X10	VBrace	Tube	A500 Gr.C RECT	HSS 10" to 12"	25.7	548	548	885
65	TRUSS strut 1	W10X22	VBrace	W10	A992	Typ	6.49	11.4	118	0.239
66	TRUSS strut 2	W14X61	VBrace	W14	A992	Typ	17.9	107	640	2.19
67	TRUSS strut 3	W14X145	VBrace	W14	A992	Typ	42.7	677	1710	15.2
68	TRUSS col 1	W14X61	Column	WF 14	A992	Typ	17.9	107	640	2.19
69	TRUSS col 2	W14X342	Column	WF 14	A992	Typ	101	1810	4900	178
70	TRUSS col 3	W14X211	Column	WF 14	A992	Typ	62	1030	2660	44.6
71	TRUSS col 4	W14X61	Column	WF 14	A992	Typ	17.9	107	640	2.19
72	DOOR bm 1	W12X14	Beam	WF12	A992	Typ	4.16	2.36	88.6	0.07
73	DOOR bm 2	W12X26	Beam	WF12	A992	Typ	7.65	17.3	204	0.3
74	DOOR vert	W10X22	Column	WF 10	A992	Typ	6.49	11.4	118	0.239
75	DOOR diag 1	HSS6X6X3	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"	3.98	22.3	22.3	35
76	DOOR diag 2	HSS8X8X3	VBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"	5.37	54.4	54.4	84.5
77	DOOR corner	HSS6X6X3	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"	3.98	22.3	22.3	35
78	x DOOR rail	W6X15	Beam	Wide Flange	A992	Typ	4.43	9.32	29.1	0.101
79	DOOR soffit	W10X22	Column	WF 10	A992	Typ	6.49	11.4	118	0.239
80	x DOOR ro	C10X25	Beam	Channel	A992	Typ	7.35	3.34	91.1	0.687
81	3PL 3start	BU60X13-16-5	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL	44.096	366.313	27701.579	8.937
82	3PL 3int	BU60X16-20-5	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL	57.94	853.479	39463.677	20.585
83	3PL 3mid	BU60X14-24-5	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL	59.784	686.144	40756.518	30.281
84	3PL 3end	BU60X13-16-5	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL	44.096	366.313	27701.579	8.937

Hot Rolled Steel Section Sets (Continued)

	Label	Shape	Type	Design List	Material	Design Rule	Area [in²]	Iyy [in⁴]	Izz [in⁴]	J [in⁴]
85	3PL 49start	BU60X12-20-5	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL	47.94	360.146	30833.469	15.376
86	3PL 49int	BU60X15-24-5	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL	62.784	843.894	43323.768	32.531
87	3PL 49mid	BU60X16-24-5	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL	65.784	1024.144	45891.018	34.781
88	3PL 49end	BU60X12-20-6	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL	51.562	360.253	31831.543	15.851
89	3PL 5678start	BU60X14-16-5	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL	46.096	457.48	29442.245	9.604
90	3PL 5678int	BU60X14-24-5	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL	59.784	686.144	40756.518	30.281
91	3PL 5678mid	BU60X15-24-5	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL	62.784	843.894	43323.768	32.531
92	3PL 5678end	BU60X14-16-5	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL	46.096	457.48	29442.245	9.604
93	3PL 10start	BU60X12-16-5	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL	42.096	288.147	25960.912	8.27
94	3PL 10int	BU60X15-20-5	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL	55.44	703.271	37306.125	19.282
95	3PL 10mid	BU60X16-20-5	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL	57.94	853.479	39463.677	20.585
96	3PL 10end	BU60X12-16-5	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL	42.096	288.147	25960.912	8.27
97	3PL 11start	BU60X9-16-5	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL	36.096	121.647	20738.912	6.27
98	3PL 11int	BU60X14-16-5	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL	46.096	457.48	29442.245	9.604
99	3PL 11mid	BU60X12-20-5	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL	47.94	360.146	30833.469	15.376
100	3PL 11end	BU60X10-16-5	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL	38.096	166.813	22479.579	6.937
101	CANT return corner	W10X22	Beam	WF10	A992	Typ	6.49	11.4	118	0.239
102	CANOPY outrigger	HSS6X4X6	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"	6.18	14.9	28.3	32.8
103	CANOPY bm	HSS6X4X6	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"	6.18	14.9	28.3	32.8
104	x CANOPY outrigger	W10X12	Beam	Wide Flange	A992	Typ	3.54	2.18	53.8	0.055
105	x CANOPY bm	W10X12	Beam	Wide Flange	A992	Typ	3.54	2.18	53.8	0.055
106	x CANOPY rod	1.0DIAROD	VBrace	BAR	A992	Typ	0.785	0.049	0.049	0.098
107	x CANOPY blocking	W10X26	Beam	Wide Flange	A992	Typ	7.61	14.1	144	0.402

General Section Sets

	Label	Shape	Type	Material	Area [in²]	Iyy [in⁴]	Izz [in⁴]	J [in⁴]
1	GEN1	RE4X4	Beam	gen_Conc3NW	16	21.333	21.333	31.573
2	RIGID		None	RIGID	1e+6	1e+6	1e+6	1e+6

Member Primary Data

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
1	BM10	N148	N742		3PL 49end	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
2	BM11	N439	N744		3PL 3end	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
3	BM12	N438	N743		3PL 5678end	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
4	BM13	N437	N745		3PL 5678end	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
5	BM14	N138	N746		3PL 49end	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
6	BM15	N444	N747		3PL 11end	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
7	BM16	N452	N457		ROOF office 2	Beam	WF18	A992	Office Bm
8	BM17	N451	N106		ROOF office 3	Beam	WF18	A992	Office Bm
9	BM18	N752	N117		3PL 5678start	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
10	BM19	N604	N108		ROOF office 5	Beam	WF14	A992	Office Bm
11	BM20	N747	N763		3PL 11int	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
12	BM21	N746	N775		3PL 49int	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
13	BM22	N758	N122		3PL 49start	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
14	BM24	N749	N765		3PL 5678int	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
15	BM25	N748	N773		3PL 5678int	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
16	BM27	N743	N761		3PL 5678int	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
17	BM30	N605	N134		ROOF office 5	Beam	WF14	A992	Office Bm
18	BM31	N391	N606		ROOF office 5	Beam	WF14	A992	Office Bm
19	BM32	N145	N749		3PL 5678end	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
20	BM33	N140	N748		3PL 5678end	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
21	BM34	N436	N750		3PL 10end	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
22	BM35	N453	N426		ROOF office 1	Beam	WF18	A992	Office Bm
23	BM36	N454	N182		ROOF office 1	Beam	WF18	A992	Office Bm
24	BM37	N455	N458		ROOF office 2	Beam	WF18	A992	Office Bm
25	BM38	N744	N769		3PL 3int	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
26	BM39	N745	N771		3PL 5678int	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
27	BM40	N750	N777		3PL 10int	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
28	BM41	N742	N767		3PL 49int	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
29	BM42	N755	N431		3PL 5678start	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
30	BM43	N751	N427		3PL 3start	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
31	BM44	N759	N429		3PL 5678start	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
32	BM45	N756	N432		3PL 10start	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
33	BM46	N757	N428		3PL 49start	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
34	BM47	N760	N430		3PL 5678start	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
35	BM48	N753	N119		3PL 11start	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL

Member Primary Data (Continued)

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
36	BM54	N602	N603		ROOF office 5	Beam	WF14	A992	Office Bm
37	CANOPY10	N322	N685		CANOPY bm	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"
38	CANOPY13	N685	N373		CANOPY bm	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"
39	CANOPY14	N149	N216		CANOPY outrigger	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"
40	CANOPY18	N683	N684		CANOPY bm	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"
41	CANOPY21	N416	N208		CANOPY bm	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"
42	CANOPY23	N296	N684		CANOPY outrigger	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"
43	CANOPY28	N373	N415		CANOPY bm	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"
44	CANOPY29	N356	N208		CANOPY outrigger	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"
45	CANOPY30	N229	N683		CANOPY outrigger	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"
46	CANOPY31	N217	N416		CANOPY outrigger	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"
47	CANOPY32	N208	N216		CANOPY bm	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"
48	CANOPY33	N216	N683		CANOPY bm	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"
49	CANOPY34	N415	N257		CANOPY bm	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"
50	COL10	F.9-11.1	N460	270	TRUSS col 2	Column	WF 14	A992	Typ
51	COL11	E-11.9	N594	180	COL xbr heavy	Column	WF 24	A992	Typ
52	COL12	N384	N122	90	COL xbr typ	Column	WF 24	A992	Typ
53	COL13	F.9-11.9	N168	270	TRUSS col 1	Column	WF 14	A992	Typ
54	COL14	F-11.9	N290	180	COL xbr heavy	Column	WF 24	A992	Typ
55	COL15	A.1-5	N163	90	COL xbr typ	Column	WF 24	A992	Typ
56	COL16	E-1.1	N452		COL office	Column	WF 10	A992	Typ
57	COL17	A.1-10	N280	90	COL rear canopy	Column	Wide Flange	A992	Typ
58	COL18	D-1.1	N453		COL office	Column	WF 10	A992	Typ
59	COL19	A.1-9	N384	90	COL xbr typ	Column	WF 24	A992	Typ
60	COL20	A.1-2.1	N357	90	COL corner	Column	WF 14	A992	Typ
61	COL21	A.1-7	N589	90	COL rear canopy	Column	Wide Flange	A992	Typ
62	COL22	F.6-1.9	N342	90	COL inset	Column	WF 14	A992	Typ
63	COL23	C-2.1	N359		COL side heavy	Column	WF 24	A992	Typ
64	COL24	A.1-3	N376	90	COL rear canopy	Column	Wide Flange	A992	Typ
65	COL25	A.1-8	N592	90	COL xbr typ	Column	WF 24	A992	Typ
66	COL26	N591	N433	180	COL side heavy	Column	WF 24	A992	Typ
67	COL27	N381	N119	90	COL typ rear	Column	WF 24	A992	Typ
68	COL28	N376	N427	90	COL rear canopy	Column	Wide Flange	A992	Typ
69	COL29	N597	N166	90	COL door	Column	WF 14	A992	Typ
70	COL30	N290	N435	180	COL xbr heavy	Column	WF 24	A992	Typ
71	COL31	N212	N440		COL xbr heavy	Column	WF 24	A992	Typ
72	COL32	N588	N430	90	COL rear canopy	Column	Wide Flange	A992	Typ
73	COL33	N593	N152		COL xbr heavy	Column	WF 24	A992	Typ
74	COL34	F.9-1.9	N679	270	TRUSS col 3	Column	WF 14	A992	Typ
75	COL35	N337	N126	180	COL side heavy	Column	WF 24	A992	Typ
76	COL36	N590	N155		COL side heavy	Column	WF 24	A992	Typ
77	COL37	N595	N128	180	COL xbr heavy	Column	WF 24	A992	Typ
78	COL38	N342	N141	90	COL inset	Column	WF 14	A992	Typ
79	COL39	A.7-1.1	N279		COL canopy	Column	WF 8	A992	Typ
80	COL40	N679	N375	270	TRUSS col 3	Column	WF 14	A992	Typ
81	COL41	N596	N428	90	COL xbr typ	Column	WF 24	A992	Typ
82	COL42	N163	N429	90	COL xbr typ	Column	WF 24	A992	Typ
83	COL43	N589	N117	90	COL rear canopy	Column	Wide Flange	A992	Typ
84	COL44	N592	N431	90	COL xbr typ	Column	WF 24	A992	Typ
85	COL45	N280	N432	90	COL rear canopy	Column	Wide Flange	A992	Typ
86	COL46	N594	N434	180	COL xbr heavy	Column	WF 24	A992	Typ
87	COL47	N137	N150		COL xbr heavy	Column	WF 24	A992	Typ
88	COL48	N359	N154		COL side heavy	Column	WF 24	A992	Typ
89	COL49	F.9-1.1	N441	270	TRUSS col 4	Column	WF 14	A992	Typ
90	COL50	F1.1	N451		COL office	Column	WF 10	A992	Typ
91	COL51	C-1.1	N454		COL office	Column	WF 10	A992	Typ
92	COL52	B-1.1	N455		COL office	Column	WF 10	A992	Typ
93	COL53	A.1-1.1	N456		COL office	Column	WF 10	A992	Typ
94	COL54	F-2.1	N137		COL xbr heavy	Column	WF 24	A992	Typ
95	COL55	E-2.1	N593		COL xbr heavy	Column	WF 24	A992	Typ
96	COL56	D-2.1	N212		COL xbr heavy	Column	WF 24	A992	Typ
97	COL57	B-2.1	N590		COL side heavy	Column	WF 24	A992	Typ
98	COL58	A.1-4	N596	90	COL xbr typ	Column	WF 24	A992	Typ
99	COL59	A.1-6	N588	90	COL rear canopy	Column	Wide Flange	A992	Typ
100	COL60	A.1-11.9	N574	90	COL corner	Column	WF 14	A992	Typ
101	COL61	A.1-11.1	N381	90	COL typ rear	Column	WF 24	A992	Typ
102	COL62	B-11.9	N591	180	COL side heavy	Column	WF 24	A992	Typ
103	COL63	C-11.9	N337	180	COL side heavy	Column	WF 24	A992	Typ

Member Primary Data (Continued)

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
104	COL64	D-11.9	N595	180	COL xbr heavy	Column	WF 24	A992	Typ
105	COL65	F.6-1.1	N597	90	COL door	Column	WF 14	A992	Typ
106	COL66	N357	N442	90	COL corner	Column	WF 14	A992	Typ
107	COL67	N574	N443	90	COL corner	Column	WF 14	A992	Typ
108	COL68	N460	N444	270	TRUSS col 2	Column	WF 14	A992	Typ
109	COL69	E.5-2.1	N171		COL xbr short	Column	WF 10	A992	Typ
110	COL70	D.5-2.1	N600		COL xbr short	Column	WF 10	A992	Typ
111	COL71	D.5-1.1	N100		COL office	Column	WF 10	A992	Typ
112	COL_LACE10	N289	N248	90	TRUSS strut 1	VBrace	W10	A992	Typ
113	COL_LACE11	N127	N475		TRUSS xbr 12B	VBrace	SquareTube	A500 Gr.C RECT	HSS 10" to 12"
114	COL_LACE12	N475	N460	90	TRUSS strut 2	VBrace	W14	A992	Typ
115	COL_LACE13	N177	N127	90	TRUSS strut 1	VBrace	W10	A992	Typ
116	COL_LACE14	F.9-11.9	N127		TRUSS xbr 12A	VBrace	SquareTube	A500 Gr.C RECT	HSS 10" to 12"
117	COL_LACE15	F.9-1.1	N289		TRUSS xbr 34A	VBrace	SquareTube	A500 Gr.C RECT	HSS 10" to 12"
118	COL_LACE16	N375	N441	90	TRUSS strut 2	VBrace	W14	A992	Typ
119	COL_LACE17	N444	N168	90	TRUSS strut 2	VBrace	W14	A992	Typ
120	COL_LACE18	N444	N475		TRUSS xbr 12C	VBrace	SquareTube	A500 Gr.C RECT	HSS 10" to 12"
121	COL_LACE19	N530	N375		TRUSS xbr 34C	VBrace	Tube	A500 Gr.C RECT	HSS 10" to 12"
122	COL_LACE20	N679	N530	90	TRUSS strut 3	VBrace	W14	A992	Typ
123	COL_LACE21	N289	N530		TRUSS xbr 34B	VBrace	SquareTube	A500 Gr.C RECT	HSS 10" to 12"
124	DIAPH100	N497	N238		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
125	DIAPH101	N501	N252		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
126	DIAPH102	N490	N486		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
127	DIAPH103	N496	N234		ROOF xbr 2	HBrace	Eq Leg Std Sizes	A992	Typ
128	DIAPH104	N242	N494		ROOF xbr 2	HBrace	Eq Leg Std Sizes	A992	Typ
129	DIAPH105	N490	N230		ROOF xbr 4	HBrace	Eq Leg Std Sizes	A992	Typ
130	DIAPH106	N489	N485		ROOF strut 2	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
131	DIAPH107	N256	N499		ROOF strut 2	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
132	DIAPH108	N484	N126		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
133	DIAPH109	N488	N484		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
134	DIAPH110	N238	N493		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
135	DIAPH111	N503	N500		ROOF strut 2	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
136	DIAPH112	N506	N503		ROOF xbr 2	HBrace	Eq Leg Std Sizes	A992	Typ
137	DIAPH113	N152	N269		ROOF xbr 4	HBrace	Eq Leg Std Sizes	A992	Typ
138	DIAPH114	N508	N113		ROOF strut 2	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
139	DIAPH115	N489	N486		ROOF xbr 4	HBrace	Eq Leg Std Sizes	A992	Typ
140	DIAPH116	N509	N113		ROOF xbr 3	HBrace	Eq Leg Std Sizes	A992	Typ
141	DIAPH117	N516	N517		ROOF strut 2	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
142	DIAPH118	N528	N587	90	WALL strut xbr 1	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 3"
143	DIAPH119	N113	N259		ROOF xbr 2	HBrace	Eq Leg Std Sizes	A992	Typ
144	DIAPH120	N269	N506		ROOF xbr 3	HBrace	Eq Leg Std Sizes	A992	Typ
145	DIAPH121	N514	N515		ROOF strut 2	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
146	DIAPH122	N487	N433		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
147	DIAPH123	N492	N487		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
148	DIAPH124	N244	N495		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
149	DIAPH125	N502	N111		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
150	DIAPH126	N263	N502		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
151	DIAPH127	N111	N497		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
152	DIAPH128	N230	N128		ROOF strut 2	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
153	DIAPH129	N499	N242		ROOF strut 2	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
154	DIAPH130	N498	N496		ROOF xbr 1	HBrace	Eq Leg Std Sizes	A992	Typ
155	DIAPH131	N236	N491		ROOF strut 2	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
156	DIAPH132	N507	N504		ROOF strut 2	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
157	DIAPH133	N259	N188		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
158	DIAPH134	N506	N259		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
159	DIAPH135	N493	N242		ROOF xbr 2	HBrace	Eq Leg Std Sizes	A992	Typ
160	DIAPH136	N263	N504		ROOF xbr 2	HBrace	Eq Leg Std Sizes	A992	Typ
161	DIAPH137	N188	N246		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
162	DIAPH138	N498	N240		ROOF strut 2	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
163	DIAPH139	N113	N503		ROOF strut 2	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
164	DIAPH140	N450	N511		ROOF strut 2	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
165	DIAPH141	N511	N512		ROOF strut 2	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
166	DIAPH142	N513	N514		ROOF strut 2	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
167	DIAPH143	N512	N513		ROOF strut 2	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
168	DIAPH144	N528	N141		ROOF xbr 1	HBrace	Eq Leg Std Sizes	A992	Typ
169	DIAPH145	N150	N509		ROOF xbr 4	HBrace	Eq Leg Std Sizes	A992	Typ
170	DIAPH146	N246	N242		ROOF xbr 1	HBrace	Eq Leg Std Sizes	A992	Typ
171	DIAPH147	N494	N491		ROOF xbr 3	HBrace	Eq Leg Std Sizes	A992	Typ

Member Primary Data (Continued)

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
172	DIAPH148	N246	N240		ROOF xbr 1	HBrace	Eq Leg Std Sizes	A992	Typ
173	DIAPH149	N166	N528		ROOF xbr 1	HBrace	Eq Leg Std Sizes	A992	Typ
174	DIAPH150	N122	N244		ROOF xbr 2	HBrace	Eq Leg Std Sizes	A992	Typ
175	DIAPH151	N505	N263		ROOF xbr 2	HBrace	Eq Leg Std Sizes	A992	Typ
176	DIAPH152	N267	N429		ROOF xbr 2	HBrace	Eq Leg Std Sizes	A992	Typ
177	DIAPH153	N507	N502		ROOF xbr 2	HBrace	Eq Leg Std Sizes	A992	Typ
178	DIAPH154	N587	N375		ROOF xbr 1	HBrace	Eq Leg Std Sizes	A992	Typ
179	DIAPH155	N508	N506		ROOF xbr 3	HBrace	Eq Leg Std Sizes	A992	Typ
180	DIAPH156	N506	N504		ROOF xbr 2	HBrace	Eq Leg Std Sizes	A992	Typ
181	DIAPH157	N499	N496		ROOF xbr 1	HBrace	Eq Leg Std Sizes	A992	Typ
182	DIAPH158	N148	N513		ROOF xbr 2	HBrace	Eq Leg Std Sizes	A992	Typ
183	DIAPH159	N230	N434		ROOF xbr 4	HBrace	Eq Leg Std Sizes	A992	Typ
184	DIAPH160	N238	N495		ROOF xbr 2	HBrace	Eq Leg Std Sizes	A992	Typ
185	DIAPH161	N495	N431		ROOF xbr 2	HBrace	Eq Leg Std Sizes	A992	Typ
186	DIAPH162	N428	N505		ROOF xbr 2	HBrace	Eq Leg Std Sizes	A992	Typ
187	DIAPH163	N128	N486		ROOF xbr 4	HBrace	Eq Leg Std Sizes	A992	Typ
188	DIAPH164	N485	N434		ROOF xbr 4	HBrace	Eq Leg Std Sizes	A992	Typ
189	DIAPH165	N486	N434		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
190	DIAPH166	N486	N435		ROOF xbr 4	HBrace	Eq Leg Std Sizes	A992	Typ
191	DIAPH167	N485	N435		ROOF strut 2	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
192	DIAPH168	N516	N138		ROOF xbr 2	HBrace	Eq Leg Std Sizes	A992	Typ
193	DIAPH169	N437	N517		ROOF xbr 2	HBrace	Eq Leg Std Sizes	A992	Typ
194	DIAPH170	N512	N145		ROOF xbr 2	HBrace	Eq Leg Std Sizes	A992	Typ
195	DIAPH171	N150	N508		ROOF strut 2	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
196	DIAPH172	N152	N509		ROOF strut 2	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
197	DIAPH173	N152	N508		ROOF xbr 4	HBrace	Eq Leg Std Sizes	A992	Typ
198	DIAPH174	N440	N269		ROOF strut 2	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
199	DIAPH175	N440	N509		ROOF xbr 4	HBrace	Eq Leg Std Sizes	A992	Typ
200	DIAPH176	N154	N136		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
201	DIAPH177	N155	N510		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
202	DIAPH178	N441	N587		ROOF xbr 1	HBrace	Eq Leg Std Sizes	A992	Typ
203	DIAPH181	N485	N490		ROOF xbr 4	HBrace	Eq Leg Std Sizes	A992	Typ
204	DIAPH182	N486	N491		ROOF xbr 4	HBrace	Eq Leg Std Sizes	A992	Typ
205	DIAPH183	N491	N230		ROOF strut 2	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
206	DIAPH184	N493	N488		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
207	DIAPH185	N234	N489		ROOF strut 2	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
208	DIAPH186	N494	N489		ROOF xbr 3	HBrace	Eq Leg Std Sizes	A992	Typ
209	DIAPH187	N234	N490		ROOF xbr 3	HBrace	Eq Leg Std Sizes	A992	Typ
210	DIAPH188	N236	N490		ROOF xbr 3	HBrace	Eq Leg Std Sizes	A992	Typ
211	DIAPH189	N494	N490		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
212	DIAPH190	N495	N492		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
213	DIAPH191	N244	N493		ROOF xbr 2	HBrace	Eq Leg Std Sizes	A992	Typ
214	DIAPH192	N234	N516		ROOF xbr 2	HBrace	Eq Leg Std Sizes	A992	Typ
215	DIAPH193	N240	N234		ROOF strut 2	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
216	DIAPH194	N240	N494		ROOF xbr 2	HBrace	Eq Leg Std Sizes	A992	Typ
217	DIAPH195	N496	N494		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
218	DIAPH196	N236	N238		ROOF xbr 2	HBrace	Eq Leg Std Sizes	A992	Typ
219	DIAPH197	N242	N236		ROOF strut 2	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
220	DIAPH198	N496	N236		ROOF xbr 2	HBrace	Eq Leg Std Sizes	A992	Typ
221	DIAPH199	N240	N517		ROOF xbr 2	HBrace	Eq Leg Std Sizes	A992	Typ
222	DIAPH200	N246	N496		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
223	DIAPH201	N252	N244		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
224	DIAPH202	N188	N498		ROOF xbr 1	HBrace	Eq Leg Std Sizes	A992	Typ
225	DIAPH203	N500	N498		ROOF strut 2	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
226	DIAPH204	N500	N246		ROOF xbr 1	HBrace	Eq Leg Std Sizes	A992	Typ
227	DIAPH205	N256	N246		ROOF xbr 1	HBrace	Eq Leg Std Sizes	A992	Typ
228	DIAPH206	N188	N499		ROOF xbr 1	HBrace	Eq Leg Std Sizes	A992	Typ
229	DIAPH207	N259	N500		ROOF xbr 1	HBrace	Eq Leg Std Sizes	A992	Typ
230	DIAPH208	N503	N188		ROOF xbr 1	HBrace	Eq Leg Std Sizes	A992	Typ
231	DIAPH209	N504	N188		ROOF xbr 1	HBrace	Eq Leg Std Sizes	A992	Typ
232	DIAPH210	N259	N256		ROOF xbr 1	HBrace	Eq Leg Std Sizes	A992	Typ
233	DIAPH211	N504	N256		ROOF strut 2	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
234	DIAPH212	N505	N501		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
235	DIAPH213	N502	N267		ROOF xbr 2	HBrace	Eq Leg Std Sizes	A992	Typ
236	DIAPH214	N503	N512		ROOF xbr 2	HBrace	Eq Leg Std Sizes	A992	Typ
237	DIAPH215	N507	N259		ROOF xbr 2	HBrace	Eq Leg Std Sizes	A992	Typ
238	DIAPH216	N267	N505		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
239	DIAPH217	N136	N263		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"

Member Primary Data (Continued)

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
240	DIAPH218	N113	N513		ROOF xbr 2	HBrace	Eq Leg Std Sizes	A992	Typ
241	DIAPH219	N509	N506		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
242	DIAPH220	N509	N507		ROOF xbr 3	HBrace	Eq Leg Std Sizes	A992	Typ
243	DIAPH221	N269	N507		ROOF strut 2	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
244	DIAPH222	N510	N267		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
245	DIAPH223	N515	N516		ROOF strut 2	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
246	DIAPH224	N517	N518		ROOF strut 2	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
247	DIAPH225	N518	N519		ROOF strut 2	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
248	DIAPH226	N519	N520		ROOF strut 2	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
249	DIAPH227	N375	N141		ROOF eave door	Beam	WF12	A992	Typ
250	DOOR10	N310	N312		DOOR bm 1	Beam	WF12	A992	Typ
251	DOOR11	N355	N423		DOOR bm 2	Beam	WF12	A992	Typ
252	DOOR12	N297	N552		DOOR bm 1	Beam	WF12	A992	Typ
253	DOOR13	N293	N284		DOOR bm 1	Beam	WF12	A992	Typ
254	DOOR14	N533	N295		DOOR bm 1	Beam	WF12	A992	Typ
255	DOOR15	N316	N135		DOOR bm 1	Beam	WF12	A992	Typ
256	DOOR16	N704	N702		DOOR bm 2	Beam	WF12	A992	Typ
257	DOOR17	N554	N553		DOOR bm 1	Beam	WF12	A992	Typ
258	DOOR18	N288	N513	90	DOOR vert	Column	WF 10	A992	Typ
259	DOOR20	N284	N514	90	DOOR vert	Column	WF 10	A992	Typ
260	DOOR21	N549	N319		DOOR bm 1	Beam	WF12	A992	Typ
261	DOOR22	N422	N518		DOOR diag 2	VBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
262	DOOR23	N321	N153		DOOR bm 1	Beam	WF12	A992	Typ
263	DOOR24	N315	N514		DOOR diag 1	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
264	DOOR25	N298	N512	90	DOOR vert	Column	WF 10	A992	Typ
265	DOOR26	N680	N285		DOOR bm 2	Beam	WF12	A992	Typ
266	DOOR27	N262	N519	90	DOOR vert	Column	WF 10	A992	Typ
267	DOOR28	N262	N475		DOOR corner	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
268	DOOR29	N536	N264		DOOR bm 1	Beam	WF12	A992	Typ
269	DOOR30	N281	N194		DOOR bm 1	Beam	WF12	A992	Typ
270	DOOR31	N180	N286		DOOR bm 1	Beam	WF12	A992	Typ
271	DOOR32	N130	N517	90	DOOR vert	Column	WF 10	A992	Typ
272	DOOR33	N423	N704		DOOR bm 2	Beam	WF12	A992	Typ
273	DOOR34	N547	N548		DOOR bm 1	Beam	WF12	A992	Typ
274	DOOR35	N550	N203		DOOR bm 1	Beam	WF12	A992	Typ
275	DOOR36	N413	N517		DOOR diag 1	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
276	DOOR37	N460	N262		DOOR bm 1	Beam	WF12	A992	Typ
277	DOOR38	N682	N476		DOOR bm 1	Beam	WF12	A992	Typ
278	DOOR39	N271	N511		DOOR diag 2	VBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
279	DOOR40	N264	N511	90	DOOR vert	Column	WF 10	A992	Typ
280	DOOR41	N392	N512		DOOR diag 1	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
281	DOOR42	N706	N513		DOOR diag 1	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
282	DOOR43	N538	N515	90	DOOR vert	Column	WF 10	A992	Typ
283	DOOR44	N179	N515		DOOR diag 1	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
284	DOOR45	N295	N516	90	DOOR vert	Column	WF 10	A992	Typ
285	DOOR46	N705	N516		DOOR diag 1	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
286	DOOR47	N300	N518	90	DOOR vert	Column	WF 10	A992	Typ
287	DOOR48	N291	N538		DOOR bm 1	Beam	WF12	A992	Typ
288	DOOR49	N270	N298		DOOR bm 1	Beam	WF12	A992	Typ
289	DOOR50	N534	N288		DOOR bm 1	Beam	WF12	A992	Typ
290	DOOR51	N247	N130		DOOR bm 1	Beam	WF12	A992	Typ
291	DOOR52	N535	N300		DOOR bm 1	Beam	WF12	A992	Typ
292	DOOR53	N262	N355		DOOR bm 2	Beam	WF12	A992	Typ
293	DOOR54	N539	N302		DOOR bm 1	Beam	WF12	A992	Typ
294	DOOR55	N250	N147		DOOR bm 1	Beam	WF12	A992	Typ
295	DOOR56	N540	N541		DOOR bm 1	Beam	WF12	A992	Typ
296	DOOR57	N121	N542		DOOR bm 1	Beam	WF12	A992	Typ
297	DOOR58	N306	N232		DOOR bm 1	Beam	WF12	A992	Typ
298	DOOR59	N260	N543		DOOR bm 1	Beam	WF12	A992	Typ
299	DOOR60	N544	N545		DOOR bm 1	Beam	WF12	A992	Typ
300	DOOR61	N546	N158		DOOR bm 1	Beam	WF12	A992	Typ
301	DOOR62	N324	N551		DOOR bm 1	Beam	WF12	A992	Typ
302	DOOR63	N555	N326		DOOR bm 1	Beam	WF12	A992	Typ
303	DOOR64	N679	N680		DOOR bm 1	Beam	WF12	A992	Typ
304	DOOR65	N702	N680		DOOR bm 2	Beam	WF12	A992	Typ
305	EDGE10	N440	N154		ROOF eave typ	Beam	WF14	A992	Typ
306	EDGE11	N452	N453	90	WALL strut xbr 2	VBrace	W10	A992	Typ
307	EDGE12	N441	N166		ROOF eave door	Beam	WF12	A992	Typ

Member Primary Data (Continued)

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
308	EDGE13	N182	N458		WALL strut typ	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
309	EDGE14	N426	N182		WALL strut typ	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
310	EDGE15	N431	N122	90	WALL strut xbr 3	VBrace	W12	A992	Typ
311	EDGE16	N458	N178		WALL strut typ	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
312	EDGE17	N433	N443		ROOF eave typ	Beam	WF14	A992	Typ
313	EDGE18	N456	N178		ROOF office 4	Beam	WF16	A992	Office Bm
314	EDGE19	N459	N451		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
315	EDGE20	N450	N141		ROOF strut 2	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
316	EDGE21	N451	N452	90	WALL strut xbr 2	VBrace	W10	A992	Typ
317	EDGE22	N186	N106		WALL strut typ	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
318	EDGE23	N106	N387	90	WALL strut xbr 3	VBrace	W12	A992	Typ
319	EDGE24	N457	N586	90	WALL strut xbr 3	VBrace	W12	A992	Typ
320	EDGE25	N428	N429	90	WALL strut xbr 3	VBrace	W12	A992	Typ
321	EDGE26	N117	N431		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
322	EDGE27	N432	N119		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
323	EDGE28	N119	N443		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
324	EDGE29	N440	N152		ROOF eave xbr	Beam	WF14	A992	Typ
325	EDGE30	N155	N442		ROOF eave typ	Beam	WF14	A992	Typ
326	EDGE31	N152	N150		ROOF eave xbr	Beam	WF14	A992	Typ
327	EDGE32	N128	N434		ROOF eave xbr	Beam	WF14	A992	Typ
328	EDGE33	N434	N435		ROOF eave xbr	Beam	WF14	A992	Typ
329	EDGE34	N459	N754		ROOF office 4	Beam	WF16	A992	Office Bm
330	EDGE35	N453	N454		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
331	EDGE36	N454	N455		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
332	EDGE37	N455	N456	90	WALL strut xbr 2	VBrace	W10	A992	Typ
333	EDGE38	N430	N117		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
334	EDGE39	N442	N427		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
335	EDGE40	N427	N428		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
336	EDGE41	N429	N430		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
337	EDGE42	N122	N432		ROOF strut 1	HBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
338	EDGE43	N445	N150		ROOF eave typ	Beam	WF14	A992	Typ
339	EDGE44	N154	N155		ROOF eave typ	Beam	WF14	A992	Typ
340	EDGE45	N168	N435		ROOF eave typ	Beam	WF14	A992	Typ
341	EDGE46	N128	N126		ROOF eave typ	Beam	WF14	A992	Typ
342	EDGE47	N126	N433		ROOF eave typ	Beam	WF14	A992	Typ
343	EDGE48	N141	N166		ROOF strut 2	HBrace	SquareTube	A500 Gr.C RECT	HSS 6" to 8"
344	EDGE49	N754	N186		CANT return corner	Beam	WF10	A992	Typ
345	EDGE50	N387	N457	90	WALL strut xbr 3	VBrace	W12	A992	Typ
346	EDGE51	N586	N426	90	WALL strut xbr 3	VBrace	W12	A992	Typ
347	LFRS100	N479	N221		WALL strut typ	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
348	LFRS101	N167	N482	270	WALL strut xbr 4	VBrace	W14	A992	Typ
349	LFRS102	N457	N600		WALL xbr 3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"
350	LFRS103	N461	N462	90	WALL strut xbr 4	VBrace	W14	A992	Typ
351	LFRS104	N532	N530		WALL xbr 1	VBrace	Single Angle	A992	ANGLE 3"
352	LFRS105	N466	N467		WALL strut typ	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
353	LFRS106	N469	N207	90	WALL strut xbr 3	VBrace	W12	A992	Typ
354	LFRS107	N162	N272		WALL strut typ	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
355	LFRS108	N389	N387		WALL xbr 3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"
356	LFRS109	N476	N190	90	WALL strut xbr 3	VBrace	W12	A992	Typ
357	LFRS110	E-11.9	N483		WALL xbr 3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"
358	LFRS111	N161	A.1-8		WALL xbr 2	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 3.5"
359	LFRS112	N462	N192		WALL strut typ	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
360	LFRS113	N192	N463		WALL strut typ	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
361	LFRS114	N463	N464		WALL strut typ	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
362	LFRS115	N464	N465		WALL strut typ	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
363	LFRS116	N204	N471		WALL strut typ	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
364	LFRS117	N475	N213	90	WALL strut xbr 4	VBrace	W14	A992	Typ
365	LFRS118	N473	N472		WALL strut typ	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
366	LFRS119	N177	N483		WALL strut typ	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
367	LFRS120	N170	N480		WALL strut typ	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
368	LFRS121	N389	N462		WALL xbr 3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"
369	LFRS122	E-1.1	N100		WALL xbr 2	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 3.5"
370	LFRS123	N461	N440		WALL xbr 3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"
371	LFRS124	E.5-2.1	N106		WALL xbr 3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"
372	LFRS125	N531	N532		WALL strut xbr 1	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 3"
373	LFRS126	N171	N457		WALL xbr 3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"
374	LFRS127	N474	N211	270	WALL strut xbr 4	VBrace	W14	A992	Typ
375	LFRS128	N434	N211		WALL xbr 3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"

Member Primary Data (Continued)

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
376	LFRS129	N272	N524		WALL strut typ	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
377	LFRS130	N387	N599		WALL xbr 3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"
378	LFRS131	N474	N435		WALL xbr 3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"
379	LFRS132	N161	N469		WALL xbr 2	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 3.5"
380	LFRS133	F.6-1.1	N287		WALL xbr 1	VBrace	Single Angle	A992	ANGLE 3"
381	LFRS134	N152	N462		WALL xbr 3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"
382	LFRS135	N586	N389		WALL xbr 3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"
383	LFRS136	N429	N197		WALL xbr 2	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 3.5"
384	LFRS137	N434	N213		WALL xbr 3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"
385	LFRS138	N474	N483		WALL xbr 3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"
386	LFRS139	N248	N532		WALL xbr 1	VBrace	Single Angle	A992	ANGLE 3"
387	LFRS140	F-2.1	N387		WALL xbr 3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"
388	LFRS141	N461	N162		WALL xbr 3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"
389	LFRS142	F.9-1.1	N459		WALL xbr 1	VBrace	Single Angle	A992	ANGLE 3"
390	LFRS143	N480	A.1-9		WALL xbr 2	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 3.5"
391	LFRS144	N530	N166		WALL xbr 1	VBrace	Single Angle	A992	ANGLE 3"
392	LFRS145	N425	N523		CANT return corner	Beam	WF10	A992	Typ
393	LFRS146	N425	N529		WALL strut typ	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
394	LFRS147	N106	N171		WALL xbr 3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"
395	LFRS148	N600	N426		WALL xbr 3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"
396	LFRS149	N428	N466		WALL xbr 2	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 3.5"
397	LFRS150	N431	N207		WALL xbr 2	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 3.5"
398	LFRS151	N122	N469		WALL xbr 2	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 3.5"
399	LFRS152	N474	N128		WALL xbr 3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"
400	LFRS153	N461	N150		WALL xbr 3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"
401	LFRS154	N152	N190		WALL xbr 3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"
402	LFRS155	E-2.1	N586		WALL xbr 3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"
403	LFRS156	N479	A.1-4		WALL xbr 2	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 3.5"
404	LFRS157	N215	A.1-5		WALL xbr 2	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 3.5"
405	LFRS158	N167	D-11.9		WALL xbr 3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"
406	LFRS159	E-11.9	N482		WALL xbr 3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"
407	LFRS160	N167	F-11.9		WALL xbr 3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"
408	LFRS161	N285	N441		WALL xbr 1	VBrace	Single Angle	A992	ANGLE 3"
409	LFRS162	D.5-1.1	N452		WALL xbr 2	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 3.5"
410	LFRS163	N178	N478		WALL strut typ	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
411	LFRS164	D.5-2.1	N457		WALL xbr 3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"
412	LFRS165	N459	N248		WALL xbr 1	VBrace	Single Angle	A992	ANGLE 3"
413	LFRS166	N190	N389		WALL xbr 3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"
414	LFRS167	N190	N461	90	WALL strut xbr 4	VBrace	W14	A992	Typ
415	LFRS168	N599	N461		WALL xbr 3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"
416	LFRS169	N465	N197		WALL strut typ	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
417	LFRS170	N197	N466	90	WALL strut xbr 3	VBrace	W12	A992	Typ
418	LFRS171	N479	N197		WALL xbr 2	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 3.5"
419	LFRS172	N215	N466		WALL xbr 2	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 3.5"
420	LFRS173	N467	N468		WALL strut typ	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
421	LFRS174	N468	N469		WALL strut typ	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
422	LFRS175	N207	N470		WALL strut typ	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
423	LFRS176	N480	N207		WALL xbr 2	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 3.5"
424	LFRS177	N470	N204		WALL strut typ	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
425	LFRS178	N472	N471		WALL strut typ	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
426	LFRS179	N211	N473		WALL strut typ	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
427	LFRS180	N167	N211		WALL xbr 3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"
428	LFRS181	N474	N482		WALL xbr 3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"
429	LFRS182	N213	N474	270	WALL strut xbr 4	VBrace	W14	A992	Typ
430	LFRS183	N167	N213		WALL xbr 3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"
431	LFRS184	N477	N478	90	WALL strut xbr 3	VBrace	W12	A992	Typ
432	LFRS185	N524	N477		WALL strut typ	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
433	LFRS186	N478	N215		WALL strut typ	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
434	LFRS187	N215	N479	90	WALL strut xbr 3	VBrace	W12	A992	Typ
435	LFRS188	N221	N170		WALL strut typ	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
436	LFRS189	N480	N161	90	WALL strut xbr 3	VBrace	W12	A992	Typ
437	LFRS190	N161	N169		WALL strut typ	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
438	LFRS191	N169	N481		WALL strut typ	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
439	LFRS192	N226	N223		WALL strut typ	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
440	LFRS193	N481	N223		WALL strut typ	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
441	LFRS194	N228	N226		WALL strut typ	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
442	LFRS195	N482	N228		WALL strut typ	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
443	LFRS196	N483	N167	270	WALL strut xbr 4	VBrace	W14	A992	Typ

Member Primary Data (Continued)

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
444	LFRS197	N523	N599		WALL strut typ	VBrace	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
445	LFRS198	N162	N586		WALL xbr 3	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"
446	LFRS199	N389	N162	90	WALL strut xbr 3	VBrace	W12	A992	Typ
447	LFRS200	N248	N529		WALL strut xbr 1	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 3"
448	LFRS201	N529	N531		WALL xbr 1	VBrace	Single Angle	A992	ANGLE 3"
449	LFRS202	N287	N529		WALL xbr 1	VBrace	Single Angle	A992	ANGLE 3"
450	LFRS203	N530	N285		DOOR bm 1	Beam	WF12	A992	Typ
451	LFRS204	N531	N285		WALL xbr 1	VBrace	Single Angle	A992	ANGLE 3"
452	LFRS205	N287	N459		WALL strut xbr 1	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 3"
453	LFRS206	N599	N389	90	WALL strut xbr 3	VBrace	W12	A992	Typ
454	PARAPET1	N453	N116		COL parapet	Column	WF 8	A992	Typ
455	PARAPET2	N452	N447		COL parapet	Column	WF 8	A992	Typ
456	PARAPET3	N455	N449		COL parapet	Column	WF 8	A992	Typ
457	PARAPET4	N456	N174		COL parapet	Column	WF 8	A992	Typ
458	PARAPET5	N451	N446		COL parapet	Column	WF 8	A992	Typ
459	PARAPET6	N454	N448		COL parapet	Column	WF 8	A992	Typ
460	SCREEN10	N609	N251		ROOF screen 4	Beam	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
461	SCREEN11	N393	N274		ROOF screen 3	Beam	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
462	SCREEN12	N395	N318		ROOF screen 4	Beam	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
463	SCREEN13	N318	N292		ROOF screen 4	Beam	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
464	SCREEN14	N195	N609		ROOF screen 1	Column	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
465	SCREEN15	N608	N184		ROOF screen 3	Beam	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
466	SCREEN16	N603	N239		ROOF screen 2	Column	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
467	SCREEN17	N601	N318		ROOF screen 1	Column	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
468	SCREEN18	N210	N292		ROOF screen 1	Column	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
469	SCREEN19	N365	N251		ROOF screen 1	Column	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
470	SCREEN20	N604	N395		ROOF screen 2	Column	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
471	SCREEN21	N184	N225		ROOF screen 3	Beam	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
472	SCREEN22	N607	N393		ROOF screen 3	Beam	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
473	SCREEN23	N274	N608		ROOF screen 3	Beam	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
474	SCREEN24	N251	N239		ROOF screen 4	Beam	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
475	SCREEN25	N239	N395		ROOF screen 4	Beam	SquareTube	A500 Gr.C RECT	HSS 4" to 6"
476	TRUSS10	N291	N101	90	DOOR soffit	Column	WF 10	A992	Typ
477	TRUSS11	N534	N145	270	TRUSS vert 3	Column	WF 10	A992	Typ
478	TRUSS12	N270	N148	270	TRUSS vert 2	Column	WF 10	A992	Typ
479	TRUSS13	N460	N133	90	TRUSS bot 1.11	Beam	WF14	A992	Typ
480	TRUSS14	N133	N409	90	TRUSS bot 2	Beam	WF14	A992	Typ
481	TRUSS15	N439	N270		TRUSS diag 2	VBrace	Double Angle (3/4 Gap)	A992	ANGLE 8"
482	TRUSS16	N533	N437	270	TRUSS vert 3	Column	WF 10	A992	Typ
483	TRUSS17	N293	N438	270	TRUSS vert 4	Column	WF 10	A992	Typ
484	TRUSS18	N701	N679	90	TRUSS bot 1.2	Beam	WF14	A992	Typ
485	TRUSS19	N437	N291		TRUSS diag 4	VBrace	Double Angle (3/4 Gap)	A992	ANGLE 6"
486	TRUSS20	N535	N436	270	TRUSS vert 1	Column	WF 10	A992	Typ
487	TRUSS21	N291	N140	270	TRUSS vert 4	Column	WF 10	A992	Typ
488	TRUSS22	N436	N247		TRUSS diag 2	VBrace	Double Angle (3/4 Gap)	A992	ANGLE 8"
489	TRUSS23	N247	N268	90	DOOR soffit	Column	WF 10	A992	Typ
490	TRUSS24	N138	N533		TRUSS diag 3	VBrace	Double Angle (3/4 Gap)	A992	ANGLE 8"
491	TRUSS25	N537	N143	270	TRUSS vert 5	Column	WF 10	A992	Typ
492	TRUSS26	N140	N537		TRUSS diag 5	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"
493	TRUSS27	N293	N160	90	DOOR soffit	Column	WF 10	A992	Typ
494	TRUSS28	N527	N191	90	TRUSS top 2	Beam	WF14	A992	Typ
495	TRUSS29	N409	N703	90	TRUSS bot 3	Beam	WF14	A992	Typ
496	TRUSS30	N536	N678	90	DOOR soffit	Column	WF 10	A992	Typ
497	TRUSS31	N247	N138	270	TRUSS vert 2	Column	WF 10	A992	Typ
498	TRUSS32	N526	N254	90	TRUSS top 2	Beam	WF14	A992	Typ
499	TRUSS33	N438	N537		TRUSS diag 5	VBrace	Double Angle (3/8 Gap)	A992	ANGLE 4"
500	TRUSS34	N145	N293		TRUSS diag 4	VBrace	Double Angle (3/4 Gap)	A992	ANGLE 6"
501	TRUSS35	N148	N534		TRUSS diag 3	VBrace	Double Angle (3/4 Gap)	A992	ANGLE 8"
502	TRUSS36	N536	N439	270	TRUSS vert 1	Column	WF 10	A992	Typ
503	TRUSS37	N444	N535		TRUSS diag 1.11	VBrace	Double Angle (3/4 Gap)	A992	ANGLE 8"
504	TRUSS38	N444	N526	90	TRUSS top 1	Beam	WF14	A992	Typ
505	TRUSS39	N533	N266	90	DOOR soffit	Column	WF 10	A992	Typ
506	TRUSS40	N270	N676	90	DOOR soffit	Column	WF 10	A992	Typ
507	TRUSS41	N534	N677	90	DOOR soffit	Column	WF 10	A992	Typ
508	TRUSS42	N535	N235	90	DOOR soffit	Column	WF 10	A992	Typ
509	TRUSS43	N375	N536		TRUSS diag 1.2	VBrace	Double Angle (3/4 Gap)	A992	ANGLE 8"
510	TRUSS44	N191	N375	90	TRUSS top 1	Beam	WF14	A992	Typ
511	TRUSS45	N703	N701	90	TRUSS bot 2	Beam	WF14	A992	Typ

Member Primary Data (Continued)

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
512	X_DOOR100	N160	N677	270	x_DOOR ro	Beam	Channel	A992	Typ
513	X_DOOR101	N653	N658		x_DOOR rail	Beam	Wide Flange	A992	Typ
514	X_DOOR102	N671	N104		x_DOOR rail	Beam	Wide Flange	A992	Typ
515	X_DOOR103	N643	N124		x_DOOR rail	Beam	Wide Flange	A992	Typ
516	X_DOOR104	N410	N175		x_DOOR rail	Beam	Wide Flange	A992	Typ
517	X_DOOR105	N649	N652		x_DOOR rail	Beam	Wide Flange	A992	Typ
518	X_DOOR106	N406	N671		x_DOOR rail	Beam	Wide Flange	A992	Typ
519	X_DOOR107	N358	N640		x_DOOR rail	Beam	Wide Flange	A992	Typ
520	X_DOOR108	N639	N641		x_DOOR rail	Beam	Wide Flange	A992	Typ
521	X_DOOR109	N218	N151		x_DOOR rail	Beam	Wide Flange	A992	Typ
522	X_DOOR110	N652	N657		x_DOOR rail	Beam	Wide Flange	A992	Typ
523	X_DOOR111	N129	N164		x_DOOR rail	Beam	Wide Flange	A992	Typ
524	X_DOOR112	N672	N110		x_DOOR rail	Beam	Wide Flange	A992	Typ
525	X_DOOR113	N648	N651		x_DOOR rail	Beam	Wide Flange	A992	Typ
526	X_DOOR114	N209	N664		x_DOOR rail	Beam	Wide Flange	A992	Typ
527	X_DOOR115	N386	N103		x_DOOR rail	Beam	Wide Flange	A992	Typ
528	X_DOOR116	N124	N353		x_DOOR rail	Beam	Wide Flange	A992	Typ
529	X_DOOR117	N635	N668		x_DOOR rail	Beam	Wide Flange	A992	Typ
530	X_DOOR118	N139	N209		x_DOOR rail	Beam	Wide Flange	A992	Typ
531	X_DOOR119	N333	N621		x_DOOR rail	Beam	Wide Flange	A992	Typ
532	X_DOOR120	N311	N399		x_DOOR rail	Beam	Wide Flange	A992	Typ
533	X_DOOR121	N397	N333		x_DOOR rail	Beam	Wide Flange	A992	Typ
534	X_DOOR122	N404	N645		x_DOOR rail	Beam	Wide Flange	A992	Typ
535	X_DOOR123	N314	N620		x_DOOR rail	Beam	Wide Flange	A992	Typ
536	X_DOOR124	N678	N675	270	x_DOOR ro	Beam	Channel	A992	Typ
537	X_DOOR125	N164	N637		x_DOOR rail	Beam	Wide Flange	A992	Typ
538	X_DOOR126	N104	N198		x_DOOR rail	Beam	Wide Flange	A992	Typ
539	X_DOOR127	N339	N404		x_DOOR rail	Beam	Wide Flange	A992	Typ
540	X_DOOR128	N657	N377		x_DOOR rail	Beam	Wide Flange	A992	Typ
541	X_DOOR129	N266	N101	270	x_DOOR ro	Beam	Channel	A992	Typ
542	X_DOOR130	N665	N303		x_DOOR rail	Beam	Wide Flange	A992	Typ
543	X_DOOR131	N110	N339		x_DOOR rail	Beam	Wide Flange	A992	Typ
544	X_DOOR132	N638	N219		x_DOOR rail	Beam	Wide Flange	A992	Typ
545	X_DOOR133	N105	N673		x_DOOR rail	Beam	Wide Flange	A992	Typ
546	X_DOOR134	N388	N105		x_DOOR rail	Beam	Wide Flange	A992	Typ
547	X_DOOR135	N641	N625		x_DOOR rail	Beam	Wide Flange	A992	Typ
548	X_DOOR136	N405	N299		x_DOOR rail	Beam	Wide Flange	A992	Typ
549	X_DOOR137	N619	N639		x_DOOR rail	Beam	Wide Flange	A992	Typ
550	X_DOOR138	N353	N301		x_DOOR rail	Beam	Wide Flange	A992	Typ
551	X_DOOR139	N661	N202		x_DOOR rail	Beam	Wide Flange	A992	Typ
552	X_DOOR140	N385	N622		x_DOOR rail	Beam	Wide Flange	A992	Typ
553	X_DOOR141	N394	N131		x_DOOR rail	Beam	Wide Flange	A992	Typ
554	X_DOOR142	N617	N358		x_DOOR rail	Beam	Wide Flange	A992	Typ
555	X_DOOR143	N400	N224		x_DOOR rail	Beam	Wide Flange	A992	Typ
556	X_DOOR144	N628	N129		x_DOOR rail	Beam	Wide Flange	A992	Typ
557	X_DOOR145	N656	N307		x_DOOR rail	Beam	Wide Flange	A992	Typ
558	X_DOOR146	N377	N634		x_DOOR rail	Beam	Wide Flange	A992	Typ
559	X_DOOR147	N399	N379		x_DOOR rail	Beam	Wide Flange	A992	Typ
560	X_DOOR148	N198	N626		x_DOOR rail	Beam	Wide Flange	A992	Typ
561	X_DOOR149	N662	N659		x_DOOR rail	Beam	Wide Flange	A992	Typ
562	X_DOOR150	N361	N401		x_DOOR rail	Beam	Wide Flange	A992	Typ
563	X_DOOR151	N670	N635		x_DOOR rail	Beam	Wide Flange	A992	Typ
564	X_DOOR152	N175	N386		x_DOOR rail	Beam	Wide Flange	A992	Typ
565	X_DOOR153	N620	N665		x_DOOR rail	Beam	Wide Flange	A992	Typ
566	X_DOOR154	N214	N397		x_DOOR rail	Beam	Wide Flange	A992	Typ
567	X_DOOR155	N193	N258		x_DOOR rail	Beam	Wide Flange	A992	Typ
568	X_DOOR156	N340	N394		x_DOOR rail	Beam	Wide Flange	A992	Typ
569	X_DOOR157	N623	N340		x_DOOR rail	Beam	Wide Flange	A992	Typ
570	X_DOOR158	N414	N102		x_DOOR rail	Beam	Wide Flange	A992	Typ
571	X_DOOR159	N622	N255		x_DOOR rail	Beam	Wide Flange	A992	Typ
572	X_DOOR160	N630	N414		x_DOOR rail	Beam	Wide Flange	A992	Typ
573	X_DOOR161	N309	N636		x_DOOR rail	Beam	Wide Flange	A992	Typ
574	X_DOOR162	N646	N165		x_DOOR rail	Beam	Wide Flange	A992	Typ
575	X_DOOR163	N268	N266	270	x_DOOR ro	Beam	Channel	A992	Typ
576	X_DOOR164	N402	N378		x_DOOR rail	Beam	Wide Flange	A992	Typ
577	X_DOOR165	N343	N311		x_DOOR rail	Beam	Wide Flange	A992	Typ
578	X_DOOR166	N379	N176		x_DOOR rail	Beam	Wide Flange	A992	Typ
579	X_DOOR167	N618	N638		x_DOOR rail	Beam	Wide Flange	A992	Typ

Member Primary Data (Continued)

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
580	X_DOOR168	N624	N642		x DOOR rail	Beam	Wide Flange	A992	Typ
581	X_DOOR169	N625	N643		x DOOR rail	Beam	Wide Flange	A992	Typ
582	X_DOOR170	N219	N624		x DOOR rail	Beam	Wide Flange	A992	Typ
583	X_DOOR171	N640	N400		x DOOR rail	Beam	Wide Flange	A992	Typ
584	X_DOOR172	N642	N114		x DOOR rail	Beam	Wide Flange	A992	Typ
585	X_DOOR173	N176	N329		x DOOR rail	Beam	Wide Flange	A992	Typ
586	X_DOOR174	N224	N629		x DOOR rail	Beam	Wide Flange	A992	Typ
587	X_DOOR175	N114	N361		x DOOR rail	Beam	Wide Flange	A992	Typ
588	X_DOOR176	N329	N233		x DOOR rail	Beam	Wide Flange	A992	Typ
589	X_DOOR177	N629	N644		x DOOR rail	Beam	Wide Flange	A992	Typ
590	X_DOOR178	N647	N650		x DOOR rail	Beam	Wide Flange	A992	Typ
591	X_DOOR179	N301	N249		x DOOR rail	Beam	Wide Flange	A992	Typ
592	X_DOOR180	N401	N649		x DOOR rail	Beam	Wide Flange	A992	Typ
593	X_DOOR181	N249	N653		x DOOR rail	Beam	Wide Flange	A992	Typ
594	X_DOOR182	N241	N647		x DOOR rail	Beam	Wide Flange	A992	Typ
595	X_DOOR183	N383	N648		x DOOR rail	Beam	Wide Flange	A992	Typ
596	X_DOOR184	N233	N383		x DOOR rail	Beam	Wide Flange	A992	Typ
597	X_DOOR185	N644	N241		x DOOR rail	Beam	Wide Flange	A992	Typ
598	X_DOOR186	N307	N633		x DOOR rail	Beam	Wide Flange	A992	Typ
599	X_DOOR187	N654	N410		x DOOR rail	Beam	Wide Flange	A992	Typ
600	X_DOOR188	N658	N655		x DOOR rail	Beam	Wide Flange	A992	Typ
601	X_DOOR189	N655	N405		x DOOR rail	Beam	Wide Flange	A992	Typ
602	X_DOOR190	N187	N654		x DOOR rail	Beam	Wide Flange	A992	Typ
603	X_DOOR191	N651	N656		x DOOR rail	Beam	Wide Flange	A992	Typ
604	X_DOOR192	N650	N187		x DOOR rail	Beam	Wide Flange	A992	Typ
605	X_DOOR193	N634	N663		x DOOR rail	Beam	Wide Flange	A992	Typ
606	X_DOOR194	N659	N327		x DOOR rail	Beam	Wide Flange	A992	Typ
607	X_DOOR195	N299	N661		x DOOR rail	Beam	Wide Flange	A992	Typ
608	X_DOOR196	N663	N660		x DOOR rail	Beam	Wide Flange	A992	Typ
609	X_DOOR197	N660	N205		x DOOR rail	Beam	Wide Flange	A992	Typ
610	X_DOOR198	N633	N662		x DOOR rail	Beam	Wide Flange	A992	Typ
611	X_DOOR199	N205	N139		x DOOR rail	Beam	Wide Flange	A992	Typ
612	X_DOOR200	N258	N385		x DOOR rail	Beam	Wide Flange	A992	Typ
613	X_DOOR201	N202	N314		x DOOR rail	Beam	Wide Flange	A992	Typ
614	X_DOOR202	N327	N193		x DOOR rail	Beam	Wide Flange	A992	Typ
615	X_DOOR203	N103	N214		x DOOR rail	Beam	Wide Flange	A992	Typ
616	X_DOOR204	N664	N623		x DOOR rail	Beam	Wide Flange	A992	Typ
617	X_DOOR205	N255	N667		x DOOR rail	Beam	Wide Flange	A992	Typ
618	X_DOOR206	N627	N666		x DOOR rail	Beam	Wide Flange	A992	Typ
619	X_DOOR207	N303	N628		x DOOR rail	Beam	Wide Flange	A992	Typ
620	X_DOOR208	N621	N627		x DOOR rail	Beam	Wide Flange	A992	Typ
621	X_DOOR209	N636	N669		x DOOR rail	Beam	Wide Flange	A992	Typ
622	X_DOOR210	N131	N144		x DOOR rail	Beam	Wide Flange	A992	Typ
623	X_DOOR211	N637	N388		x DOOR rail	Beam	Wide Flange	A992	Typ
624	X_DOOR212	N144	N107		x DOOR rail	Beam	Wide Flange	A992	Typ
625	X_DOOR213	N667	N309		x DOOR rail	Beam	Wide Flange	A992	Typ
626	X_DOOR214	N666	N670		x DOOR rail	Beam	Wide Flange	A992	Typ
627	X_DOOR215	N107	N199		x DOOR rail	Beam	Wide Flange	A992	Typ
628	X_DOOR216	N199	N672		x DOOR rail	Beam	Wide Flange	A992	Typ
629	X_DOOR217	N673	N112		x DOOR rail	Beam	Wide Flange	A992	Typ
630	X_DOOR218	N669	N406		x DOOR rail	Beam	Wide Flange	A992	Typ
631	X_DOOR219	N668	N630		x DOOR rail	Beam	Wide Flange	A992	Typ
632	X_DOOR220	N151	N646		x DOOR rail	Beam	Wide Flange	A992	Typ
633	X_DOOR221	N412	N631		x DOOR rail	Beam	Wide Flange	A992	Typ
634	X_DOOR222	N626	N412		x DOOR rail	Beam	Wide Flange	A992	Typ
635	X_DOOR223	N645	N632		x DOOR rail	Beam	Wide Flange	A992	Typ
636	X_DOOR224	N378	N408		x DOOR rail	Beam	Wide Flange	A992	Typ
637	X_DOOR225	N156	N402		x DOOR rail	Beam	Wide Flange	A992	Typ
638	X_DOOR226	N674	N235	270	x DOOR ro	Beam	Channel	A992	Typ
639	X_DOOR227	N235	N268	270	x DOOR ro	Beam	Channel	A992	Typ
640	X_DOOR228	N101	N160	270	x DOOR ro	Beam	Channel	A992	Typ
641	X_DOOR229	N677	N676	270	x DOOR ro	Beam	Channel	A992	Typ
642	X_DOOR230	N676	N678	270	x DOOR ro	Beam	Channel	A992	Typ
643	X_DOOR231	N102	N218		x DOOR rail	Beam	Wide Flange	A992	Typ
644	X_DOOR232	N112	N156		x DOOR rail	Beam	Wide Flange	A992	Typ
645	X_RIGID1	N476	N450		RIGID	None	None	RIGID	Typ
646	X_RIGID2	N186	N523		RIGID	None	None	RIGID	Typ
647	X_RIGID3	N523	N476		RIGID	None	None	RIGID	Typ

Member Primary Data (Continued)

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
648	M678	N731	N732		CANOPY bm	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"
649	M679	N733	N731		CANOPY outrigger	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"
650	M680	N734	N735		CANOPY bm	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"
651	M681	N736	N732		CANOPY outrigger	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"
652	M682	E.5-1.1	N738		COL office	Column	WF 10	A992	Typ
653	M683	N254	N527	90	TRUSS top 3	Beam	WF14	A992	Typ
654	M673	N761	N762		3PL 5678mid	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
655	M674	N762	N760		3PL 5678int	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
656	M675	N763	N764		3PL 11mid	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
657	M676	N764	N753		3PL 11int	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
658	M677	N765	N766		3PL 5678mid	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
659	M684	N766	N759		3PL 5678int	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
660	M685	N767	N768		3PL 49mid	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
661	M686	N768	N757		3PL 49int	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
662	M687	N769	N770		3PL 3mid	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
663	M688	N770	N751		3PL 3int	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
664	M689	N771	N772		3PL 5678mid	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
665	M690	N772	N755		3PL 5678int	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
666	M691	N773	N774		3PL 5678mid	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
667	M692	N774	N752		3PL 5678int	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
668	M693	N775	N776		3PL 49mid	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
669	M694	N776	N758		3PL 49int	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
670	M695	N777	N778		3PL 10mid	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
671	M696	N778	N756		3PL 10int	Beam	3PL Girder	A572 Gr.55	GIRDER 3PL
672	M672	N690	N694		CANOPY outrigger	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"
673	M697	N691	N695		CANOPY outrigger	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"
674	M698	N694	N789		CANOPY bm	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"
675	M699	N693	N692		CANOPY bm	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"
676	M700	N739	N696		CANOPY outrigger	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"
677	M701	N740	N699		CANOPY outrigger	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"
678	M702	N696	N699		CANOPY bm	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"
679	M703	N698	N697		CANOPY bm	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"
680	M704	N783	N779		CANOPY outrigger	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"
681	M705	N784	N782		CANOPY outrigger	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"
682	M706	N779	N782		CANOPY bm	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"
683	M707	N781	N780		CANOPY bm	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"
684	M708	N787	N785		CANOPY outrigger	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"
685	M710	N785	N696		CANOPY bm	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"
686	M711	N786	N698		CANOPY bm	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"
687	M709	N692	N789		CANOPY outrigger	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"
688	M712	N695	N694		CANOPY bm	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"
689	M713	N790	N693		CANOPY bm	Beam	Tube	A500 Gr.C RECT	HSS 4" to 6"

Member Advanced Data

	Label	I Release	J Release	Col-Wall Vert Release	T/C Only	Physical	Deflection Ratio Options	Activation	Seismic DR
1	BM10	BenPIN				Yes	Default		None
2	BM11	BenPIN				Yes	Default		None
3	BM12	BenPIN				Yes	Default		None
4	BM13	BenPIN				Yes	Default		None
5	BM14	BenPIN				Yes	Default		None
6	BM15	BenPIN				Yes	Default		None
7	BM16	AllPIN	BenPIN			Yes	Default		None
8	BM17	AllPIN	BenPIN			Yes	Default		None
9	BM18		AllPIN			Yes	Default		None
10	BM19	BenPIN	BenPIN			Yes	Default		None
11	BM20					Yes	Default		None
12	BM21					Yes	Default		None
13	BM22		AllPIN			Yes	Default		None
14	BM24					Yes	Default		None
15	BM25					Yes	Default		None
16	BM27					Yes	Default		None
17	BM30	BenPIN	BenPIN			Yes	Default		None
18	BM31	BenPIN	BenPIN			Yes	Default		None
19	BM32	BenPIN				Yes	Default		None
20	BM33	BenPIN				Yes	Default		None
21	BM34	BenPIN				Yes	Default		None
22	BM35	AllPIN	BenPIN			Yes	Default		None
23	BM36	AllPIN	BenPIN			Yes	Default		None

Member Advanced Data (Continued)

	Label	I Release	J Release	Col-Wall Vert Release	T/C Only	Physical	Deflection Ratio Options	Activation	Seismic DR
24	BM37	AllPIN	BenPIN			Yes	Default		None
25	BM38					Yes	Default		None
26	BM39					Yes	Default		None
27	BM40					Yes	Default		None
28	BM41					Yes	Default		None
29	BM42		AllPIN			Yes	Default		None
30	BM43		AllPIN			Yes	Default		None
31	BM44		AllPIN			Yes	Default		None
32	BM45		AllPIN			Yes	Default		None
33	BM46		AllPIN			Yes	Default		None
34	BM47		AllPIN			Yes	Default		None
35	BM48		AllPIN			Yes	Default		None
36	BM54	BenPIN	BenPIN			Yes	Default		None
37	CANOPY10	BenPIN	AllPIN			Yes	Default		None
38	CANOPY13	BenPIN	AllPIN			Yes	Default		None
39	CANOPY14					Yes	Default		None
40	CANOPY18	BenPIN	AllPIN			Yes	Default		None
41	CANOPY21	BenPIN	AllPIN			Yes	Default		None
42	CANOPY23					Yes	Default		None
43	CANOPY28	BenPIN	AllPIN			Yes	Default		None
44	CANOPY29					Yes	Default		None
45	CANOPY30					Yes	Default		None
46	CANOPY31					Yes	Default		None
47	CANOPY32	BenPIN	AllPIN			Yes	Default		None
48	CANOPY33	BenPIN	AllPIN			Yes	Default		None
49	CANOPY34	BenPIN	AllPIN			Yes	Default		None
50	COL10					Yes	** NA **		None
51	COL11					Yes	** NA **		None
52	COL12					Yes	** NA **		None
53	COL13					Yes	** NA **		None
54	COL14					Yes	** NA **		None
55	COL15					Yes	** NA **		None
56	COL16					Yes	** NA **		None
57	COL17					Yes	** NA **		None
58	COL18					Yes	** NA **		None
59	COL19					Yes	** NA **		None
60	COL20					Yes	** NA **		None
61	COL21					Yes	** NA **		None
62	COL22					Yes	** NA **		None
63	COL23					Yes	** NA **		None
64	COL24					Yes	** NA **		None
65	COL25					Yes	** NA **		None
66	COL26					Yes	** NA **		None
67	COL27					Yes	** NA **		None
68	COL28					Yes	** NA **		None
69	COL29					Yes	** NA **		None
70	COL30					Yes	** NA **		None
71	COL31					Yes	** NA **		None
72	COL32					Yes	** NA **		None
73	COL33					Yes	** NA **		None
74	COL34					Yes	** NA **		None
75	COL35					Yes	** NA **		None
76	COL36					Yes	** NA **		None
77	COL37					Yes	** NA **		None
78	COL38					Yes	** NA **		None
79	COL39		XOOXXX			Yes	** NA **		None
80	COL40					Yes	** NA **		None
81	COL41					Yes	** NA **		None
82	COL42					Yes	** NA **		None
83	COL43					Yes	** NA **		None
84	COL44					Yes	** NA **		None
85	COL45					Yes	** NA **		None
86	COL46					Yes	** NA **		None
87	COL47					Yes	** NA **		None
88	COL48					Yes	** NA **		None
89	COL49					Yes	** NA **		None
90	COL50					Yes	** NA **		None
91	COL51					Yes	** NA **		None

Member Advanced Data (Continued)

	Label	I Release	J Release	Col-Wall Vert Release	T/C Only	Physical	Deflection Ratio Options	Activation	Seismic DR
92	COL52					Yes	** NA **		None
93	COL53					Yes	** NA **		None
94	COL54					Yes	** NA **		None
95	COL55					Yes	** NA **		None
96	COL56					Yes	** NA **		None
97	COL57					Yes	** NA **		None
98	COL58					Yes	** NA **		None
99	COL59					Yes	** NA **		None
100	COL60					Yes	** NA **		None
101	COL61					Yes	** NA **		None
102	COL62					Yes	** NA **		None
103	COL63					Yes	** NA **		None
104	COL64					Yes	** NA **		None
105	COL65					Yes	** NA **		None
106	COL66					Yes	** NA **		None
107	COL67					Yes	** NA **		None
108	COL68					Yes	** NA **		None
109	COL69		AllPIN			Yes	** NA **		None
110	COL70		AllPIN			Yes	** NA **		None
111	COL71		AllPIN			Yes	** NA **		None
112	COL_LACE10	AllPIN	BenPIN			Yes	** NA **		None
113	COL_LACE11	AllPIN	BenPIN			Yes	** NA **		None
114	COL_LACE12	AllPIN	BenPIN			Yes	** NA **		None
115	COL_LACE13	AllPIN	BenPIN			Yes	** NA **		None
116	COL_LACE14	AllPIN	BenPIN			Yes	** NA **		None
117	COL_LACE15	AllPIN	BenPIN			Yes	** NA **		None
118	COL_LACE16	AllPIN	BenPIN			Yes	** NA **		None
119	COL_LACE17	AllPIN	BenPIN			Yes	** NA **		None
120	COL_LACE18	AllPIN	BenPIN			Yes	** NA **		None
121	COL_LACE19	AllPIN	BenPIN			Yes	** NA **		None
122	COL_LACE20	AllPIN	BenPIN			Yes	** NA **		None
123	COL_LACE21	AllPIN	BenPIN			Yes	** NA **		None
124	DIAPH100	AllPIN	BenPIN			Yes	** NA **		None
125	DIAPH101	AllPIN	BenPIN			Yes	** NA **		None
126	DIAPH102	AllPIN	BenPIN			Yes	** NA **		None
127	DIAPH103	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
128	DIAPH104	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
129	DIAPH105	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
130	DIAPH106	AllPIN	BenPIN			Yes	** NA **		None
131	DIAPH107	AllPIN	BenPIN			Yes	** NA **		None
132	DIAPH108	AllPIN	BenPIN			Yes	** NA **		None
133	DIAPH109	AllPIN	BenPIN			Yes	** NA **		None
134	DIAPH110	AllPIN	BenPIN			Yes	** NA **		None
135	DIAPH111	AllPIN	BenPIN			Yes	** NA **		None
136	DIAPH112	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
137	DIAPH113	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
138	DIAPH114	AllPIN	BenPIN			Yes	** NA **		None
139	DIAPH115	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
140	DIAPH116	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
141	DIAPH117	AllPIN	BenPIN			Yes	** NA **		None
142	DIAPH118	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
143	DIAPH119	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
144	DIAPH120	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
145	DIAPH121	AllPIN	BenPIN			Yes	** NA **		None
146	DIAPH122	AllPIN	BenPIN			Yes	** NA **		None
147	DIAPH123	AllPIN	BenPIN			Yes	** NA **		None
148	DIAPH124	AllPIN	BenPIN			Yes	** NA **		None
149	DIAPH125	AllPIN	BenPIN			Yes	** NA **		None
150	DIAPH126	AllPIN	BenPIN			Yes	** NA **		None
151	DIAPH127	AllPIN	BenPIN			Yes	** NA **		None
152	DIAPH128	AllPIN	BenPIN			Yes	** NA **		None
153	DIAPH129	AllPIN	BenPIN			Yes	** NA **		None
154	DIAPH130	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
155	DIAPH131	AllPIN	BenPIN			Yes	** NA **		None
156	DIAPH132	AllPIN	BenPIN			Yes	** NA **		None
157	DIAPH133	AllPIN	BenPIN			Yes	** NA **		None
158	DIAPH134	AllPIN	BenPIN			Yes	** NA **		None
159	DIAPH135	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None

Member Advanced Data (Continued)

	Label	I Release	J Release	Col-Wall Vert Release	T/C Only	Physical	Deflection Ratio Options	Activation	Seismic DR
160	DIAPH136	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
161	DIAPH137	AllPIN	BenPIN			Yes	** NA **		None
162	DIAPH138	AllPIN	BenPIN			Yes	** NA **		None
163	DIAPH139	AllPIN	BenPIN			Yes	** NA **		None
164	DIAPH140	AllPIN	BenPIN			Yes	** NA **		None
165	DIAPH141	AllPIN	BenPIN			Yes	** NA **		None
166	DIAPH142	AllPIN	BenPIN			Yes	** NA **		None
167	DIAPH143	AllPIN	BenPIN			Yes	** NA **		None
168	DIAPH144	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
169	DIAPH145	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
170	DIAPH146	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
171	DIAPH147	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
172	DIAPH148	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
173	DIAPH149	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
174	DIAPH150	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
175	DIAPH151	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
176	DIAPH152	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
177	DIAPH153	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
178	DIAPH154	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
179	DIAPH155	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
180	DIAPH156	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
181	DIAPH157	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
182	DIAPH158	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
183	DIAPH159	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
184	DIAPH160	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
185	DIAPH161	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
186	DIAPH162	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
187	DIAPH163	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
188	DIAPH164	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
189	DIAPH165	AllPIN	BenPIN			Yes	** NA **		None
190	DIAPH166	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
191	DIAPH167	AllPIN	BenPIN			Yes	** NA **		None
192	DIAPH168	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
193	DIAPH169	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
194	DIAPH170	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
195	DIAPH171	AllPIN	BenPIN			Yes	** NA **		None
196	DIAPH172	AllPIN	BenPIN			Yes	** NA **		None
197	DIAPH173	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
198	DIAPH174	AllPIN	BenPIN			Yes	** NA **		None
199	DIAPH175	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
200	DIAPH176	AllPIN	BenPIN			Yes	** NA **		None
201	DIAPH177	AllPIN	BenPIN			Yes	** NA **		None
202	DIAPH178	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
203	DIAPH181	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
204	DIAPH182	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
205	DIAPH183	AllPIN	BenPIN			Yes	** NA **		None
206	DIAPH184	AllPIN	BenPIN			Yes	** NA **		None
207	DIAPH185	AllPIN	BenPIN			Yes	** NA **		None
208	DIAPH186	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
209	DIAPH187	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
210	DIAPH188	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
211	DIAPH189	AllPIN	BenPIN			Yes	** NA **		None
212	DIAPH190	AllPIN	BenPIN			Yes	** NA **		None
213	DIAPH191	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
214	DIAPH192	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
215	DIAPH193	AllPIN	BenPIN			Yes	** NA **		None
216	DIAPH194	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
217	DIAPH195	AllPIN	BenPIN			Yes	** NA **		None
218	DIAPH196	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
219	DIAPH197	AllPIN	BenPIN			Yes	** NA **		None
220	DIAPH198	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
221	DIAPH199	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
222	DIAPH200	AllPIN	BenPIN			Yes	** NA **		None
223	DIAPH201	AllPIN	BenPIN			Yes	** NA **		None
224	DIAPH202	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
225	DIAPH203	AllPIN	BenPIN			Yes	** NA **		None
226	DIAPH204	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
227	DIAPH205	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None

Member Advanced Data (Continued)

	Label	I Release	J Release	Col-Wall Vert Release	T/C Only	Physical	Deflection Ratio Options	Activation	Seismic DR
228	DIAPH206	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
229	DIAPH207	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
230	DIAPH208	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
231	DIAPH209	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
232	DIAPH210	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
233	DIAPH211	AllPIN	BenPIN			Yes	** NA **		None
234	DIAPH212	AllPIN	BenPIN			Yes	** NA **		None
235	DIAPH213	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
236	DIAPH214	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
237	DIAPH215	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
238	DIAPH216	AllPIN	BenPIN			Yes	** NA **		None
239	DIAPH217	AllPIN	BenPIN			Yes	** NA **		None
240	DIAPH218	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
241	DIAPH219	AllPIN	BenPIN			Yes	** NA **		None
242	DIAPH220	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
243	DIAPH221	AllPIN	BenPIN			Yes	** NA **		None
244	DIAPH222	AllPIN	BenPIN			Yes	** NA **		None
245	DIAPH223	AllPIN	BenPIN			Yes	** NA **		None
246	DIAPH224	AllPIN	BenPIN			Yes	** NA **		None
247	DIAPH225	AllPIN	BenPIN			Yes	** NA **		None
248	DIAPH226	AllPIN	BenPIN			Yes	** NA **		None
249	DIAPH227	AllPIN	BenPIN			Yes	Default		None
250	DOOR10	AllPIN	BenPIN			Yes	Default		None
251	DOOR11					Yes	Default		None
252	DOOR12	AllPIN	BenPIN			Yes	Default		None
253	DOOR13	AllPIN	BenPIN			Yes	Default		None
254	DOOR14	AllPIN	BenPIN			Yes	Default		None
255	DOOR15	AllPIN	BenPIN			Yes	Default		None
256	DOOR16					Yes	Default		None
257	DOOR17	AllPIN	BenPIN			Yes	Default		None
258	DOOR18	AllPIN	BenPIN			Yes	** NA **		None
259	DOOR20	AllPIN	BenPIN			Yes	** NA **		None
260	DOOR21	AllPIN	BenPIN			Yes	Default		None
261	DOOR22	AllPIN	BenPIN			Yes	** NA **		None
262	DOOR23	AllPIN	BenPIN			Yes	Default		None
263	DOOR24	AllPIN	BenPIN			Yes	** NA **		None
264	DOOR25	AllPIN	BenPIN			Yes	** NA **		None
265	DOOR26	AllPIN	BenPIN			Yes	Default		None
266	DOOR27	AllPIN	BenPIN			Yes	** NA **		None
267	DOOR28	AllPIN	BenPIN			Yes	** NA **		None
268	DOOR29	AllPIN	BenPIN			Yes	Default		None
269	DOOR30	AllPIN	BenPIN			Yes	Default		None
270	DOOR31	AllPIN	BenPIN			Yes	Default		None
271	DOOR32	AllPIN	BenPIN			Yes	** NA **		None
272	DOOR33					Yes	Default		None
273	DOOR34	AllPIN	BenPIN			Yes	Default		None
274	DOOR35	AllPIN	BenPIN			Yes	Default		None
275	DOOR36	AllPIN	BenPIN			Yes	** NA **		None
276	DOOR37	AllPIN	BenPIN			Yes	Default		None
277	DOOR38	AllPIN	BenPIN			Yes	Default		None
278	DOOR39	AllPIN	BenPIN			Yes	** NA **		None
279	DOOR40	AllPIN	BenPIN			Yes	** NA **		None
280	DOOR41	AllPIN	BenPIN			Yes	** NA **		None
281	DOOR42	AllPIN	BenPIN			Yes	** NA **		None
282	DOOR43	AllPIN	BenPIN			Yes	** NA **		None
283	DOOR44	AllPIN	BenPIN			Yes	** NA **		None
284	DOOR45	AllPIN	BenPIN			Yes	** NA **		None
285	DOOR46	AllPIN	BenPIN			Yes	** NA **		None
286	DOOR47	AllPIN	BenPIN			Yes	** NA **		None
287	DOOR48	AllPIN	BenPIN			Yes	Default		None
288	DOOR49	AllPIN	BenPIN			Yes	Default		None
289	DOOR50	AllPIN	BenPIN			Yes	Default		None
290	DOOR51	AllPIN	BenPIN			Yes	Default		None
291	DOOR52	AllPIN	BenPIN			Yes	Default		None
292	DOOR53					Yes	Default		None
293	DOOR54	AllPIN	BenPIN			Yes	Default		None
294	DOOR55	AllPIN	BenPIN			Yes	Default		None
295	DOOR56	AllPIN	BenPIN			Yes	Default		None

Member Advanced Data (Continued)

	Label	I Release	J Release	Col-Wall Vert Release	T/C Only	Physical	Deflection Ratio Options	Activation	Seismic DR
296	DOOR57	AllPIN	BenPIN			Yes	Default		None
297	DOOR58	AllPIN	BenPIN			Yes	Default		None
298	DOOR59	AllPIN	BenPIN			Yes	Default		None
299	DOOR60	AllPIN	BenPIN			Yes	Default		None
300	DOOR61	AllPIN	BenPIN			Yes	Default		None
301	DOOR62	AllPIN	BenPIN			Yes	Default		None
302	DOOR63	AllPIN	BenPIN			Yes	Default		None
303	DOOR64	AllPIN	BenPIN			Yes	Default		None
304	DOOR65		BenPIN			Yes	Default		None
305	EDGE10	AllPIN	BenPIN			Yes	Default		None
306	EDGE11	AllPIN	BenPIN			Yes	** NA **		None
307	EDGE12	AllPIN	BenPIN			Yes	Default		None
308	EDGE13	AllPIN	BenPIN			Yes	** NA **		None
309	EDGE14	AllPIN	BenPIN			Yes	** NA **		None
310	EDGE15	AllPIN	BenPIN			Yes	** NA **		None
311	EDGE16	AllPIN	BenPIN			Yes	** NA **		None
312	EDGE17	AllPIN	BenPIN			Yes	Default		None
313	EDGE18	AllPIN	BenPIN			Yes	Default		None
314	EDGE19	AllPIN	BenPIN			Yes	** NA **		None
315	EDGE20	AllPIN	BenPIN			Yes	** NA **		None
316	EDGE21	AllPIN	BenPIN			Yes	** NA **		None
317	EDGE22	AllPIN	BenPIN			Yes	** NA **		None
318	EDGE23	AllPIN	BenPIN			Yes	** NA **		None
319	EDGE24	AllPIN	BenPIN			Yes	** NA **		None
320	EDGE25	AllPIN	BenPIN			Yes	** NA **		None
321	EDGE26	AllPIN	BenPIN			Yes	** NA **		None
322	EDGE27	AllPIN	BenPIN			Yes	** NA **		None
323	EDGE28	AllPIN	BenPIN			Yes	** NA **		None
324	EDGE29	AllPIN	BenPIN			Yes	Default		None
325	EDGE30	AllPIN	BenPIN			Yes	Default		None
326	EDGE31	AllPIN	BenPIN			Yes	Default		None
327	EDGE32	AllPIN	BenPIN			Yes	Default		None
328	EDGE33	AllPIN	BenPIN			Yes	Default		None
329	EDGE34	AllPIN	BenPIN			Yes	Default		None
330	EDGE35	AllPIN	BenPIN			Yes	** NA **		None
331	EDGE36	AllPIN	BenPIN			Yes	** NA **		None
332	EDGE37	AllPIN	BenPIN			Yes	** NA **		None
333	EDGE38	AllPIN	BenPIN			Yes	** NA **		None
334	EDGE39	AllPIN	BenPIN			Yes	** NA **		None
335	EDGE40	AllPIN	BenPIN			Yes	** NA **		None
336	EDGE41	AllPIN	BenPIN			Yes	** NA **		None
337	EDGE42	AllPIN	BenPIN			Yes	** NA **		None
338	EDGE43	AllPIN	BenPIN			Yes	Default		None
339	EDGE44	AllPIN	BenPIN			Yes	Default		None
340	EDGE45	AllPIN	BenPIN			Yes	Default		None
341	EDGE46	AllPIN	BenPIN			Yes	Default		None
342	EDGE47	AllPIN	BenPIN			Yes	Default		None
343	EDGE48	AllPIN	BenPIN			Yes	** NA **		None
344	EDGE49					Yes	Default		None
345	EDGE50	AllPIN	BenPIN			Yes	** NA **		None
346	EDGE51	AllPIN	BenPIN			Yes	** NA **		None
347	LFRS100	AllPIN	BenPIN			Yes	** NA **		None
348	LFRS101	AllPIN	BenPIN			Yes	** NA **		None
349	LFRS102	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
350	LFRS103	AllPIN	BenPIN			Yes	** NA **		None
351	LFRS104	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
352	LFRS105	AllPIN	BenPIN			Yes	** NA **		None
353	LFRS106	AllPIN	BenPIN			Yes	** NA **		None
354	LFRS107	AllPIN	BenPIN			Yes	** NA **		None
355	LFRS108	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
356	LFRS109	AllPIN	BenPIN			Yes	** NA **		None
357	LFRS110	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
358	LFRS111	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
359	LFRS112	AllPIN	BenPIN			Yes	** NA **		None
360	LFRS113	AllPIN	BenPIN			Yes	** NA **		None
361	LFRS114	AllPIN	BenPIN			Yes	** NA **		None
362	LFRS115	AllPIN	BenPIN			Yes	** NA **		None
363	LFRS116	AllPIN	BenPIN			Yes	** NA **		None

Member Advanced Data (Continued)

	Label	I Release	J Release	Col-Wall Vert Release	T/C Only	Physical	Deflection Ratio Options	Activation	Seismic DR
364	LFRS117	AllPIN	BenPIN			Yes	** NA **		None
365	LFRS118	AllPIN	BenPIN			Yes	** NA **		None
366	LFRS119	AllPIN	BenPIN			Yes	** NA **		None
367	LFRS120	AllPIN	BenPIN			Yes	** NA **		None
368	LFRS121	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
369	LFRS122	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
370	LFRS123	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
371	LFRS124	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
372	LFRS125	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
373	LFRS126	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
374	LFRS127	AllPIN	BenPIN			Yes	** NA **		None
375	LFRS128	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
376	LFRS129	AllPIN	BenPIN			Yes	** NA **		None
377	LFRS130	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
378	LFRS131	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
379	LFRS132	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
380	LFRS133	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
381	LFRS134	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
382	LFRS135	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
383	LFRS136	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
384	LFRS137	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
385	LFRS138	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
386	LFRS139	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
387	LFRS140	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
388	LFRS141	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
389	LFRS142	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
390	LFRS143	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
391	LFRS144	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
392	LFRS145					Yes	Default		None
393	LFRS146	AllPIN	BenPIN			Yes	** NA **		None
394	LFRS147	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
395	LFRS148	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
396	LFRS149	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
397	LFRS150	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
398	LFRS151	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
399	LFRS152	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
400	LFRS153	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
401	LFRS154	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
402	LFRS155	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
403	LFRS156	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
404	LFRS157	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
405	LFRS158	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
406	LFRS159	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
407	LFRS160	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
408	LFRS161	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
409	LFRS162	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
410	LFRS163	AllPIN	BenPIN			Yes	** NA **		None
411	LFRS164	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
412	LFRS165	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
413	LFRS166	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
414	LFRS167	AllPIN	BenPIN			Yes	** NA **		None
415	LFRS168	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
416	LFRS169	AllPIN	BenPIN			Yes	** NA **		None
417	LFRS170	AllPIN	BenPIN			Yes	** NA **		None
418	LFRS171	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
419	LFRS172	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
420	LFRS173	AllPIN	BenPIN			Yes	** NA **		None
421	LFRS174	AllPIN	BenPIN			Yes	** NA **		None
422	LFRS175	AllPIN	BenPIN			Yes	** NA **		None
423	LFRS176	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
424	LFRS177	AllPIN	BenPIN			Yes	** NA **		None
425	LFRS178	AllPIN	BenPIN			Yes	** NA **		None
426	LFRS179	AllPIN	BenPIN			Yes	** NA **		None
427	LFRS180	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
428	LFRS181	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
429	LFRS182	AllPIN	BenPIN			Yes	** NA **		None
430	LFRS183	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
431	LFRS184	AllPIN	BenPIN			Yes	** NA **		None

Member Advanced Data (Continued)

	Label	I Release	J Release	Col-Wall Vert Release	T/C Only	Physical	Deflection Ratio Options	Activation	Seismic DR
432	LFRS185	AllPIN	BenPIN			Yes	** NA **		None
433	LFRS186	AllPIN	BenPIN			Yes	** NA **		None
434	LFRS187	AllPIN	BenPIN			Yes	** NA **		None
435	LFRS188	AllPIN	BenPIN			Yes	** NA **		None
436	LFRS189	AllPIN	BenPIN			Yes	** NA **		None
437	LFRS190	AllPIN	BenPIN			Yes	** NA **		None
438	LFRS191	AllPIN	BenPIN			Yes	** NA **		None
439	LFRS192	AllPIN	BenPIN			Yes	** NA **		None
440	LFRS193	AllPIN	BenPIN			Yes	** NA **		None
441	LFRS194	AllPIN	BenPIN			Yes	** NA **		None
442	LFRS195	AllPIN	BenPIN			Yes	** NA **		None
443	LFRS196	AllPIN	BenPIN			Yes	** NA **		None
444	LFRS197	AllPIN	BenPIN			Yes	** NA **		None
445	LFRS198	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
446	LFRS199	AllPIN	BenPIN			Yes	** NA **		None
447	LFRS200	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
448	LFRS201	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
449	LFRS202	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
450	LFRS203	AllPIN	BenPIN			Yes	Default		None
451	LFRS204	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
452	LFRS205	AllPIN	BenPIN		Euler Buckling	Yes	** NA **		None
453	LFRS206	AllPIN	BenPIN			Yes	** NA **		None
454	PARAPET1					Yes	** NA **		None
455	PARAPET2					Yes	** NA **		None
456	PARAPET3					Yes	** NA **		None
457	PARAPET4					Yes	** NA **		None
458	PARAPET5					Yes	** NA **		None
459	PARAPET6					Yes	** NA **		None
460	SCREEN10	BenPIN	BenPIN			Yes	Default		None
461	SCREEN11	BenPIN	BenPIN			Yes	Default		None
462	SCREEN12	BenPIN	BenPIN			Yes	Default		None
463	SCREEN13	BenPIN	BenPIN			Yes	Default		None
464	SCREEN14					Yes	** NA **		None
465	SCREEN15	BenPIN	BenPIN			Yes	Default		None
466	SCREEN16					Yes	** NA **		None
467	SCREEN17					Yes	** NA **		None
468	SCREEN18					Yes	** NA **		None
469	SCREEN19					Yes	** NA **		None
470	SCREEN20					Yes	** NA **		None
471	SCREEN21	BenPIN	BenPIN			Yes	Default		None
472	SCREEN22	BenPIN	BenPIN			Yes	Default		None
473	SCREEN23	BenPIN	BenPIN			Yes	Default		None
474	SCREEN24	BenPIN	BenPIN			Yes	Default		None
475	SCREEN25	BenPIN	BenPIN			Yes	Default		None
476	TRUSS10					Yes	** NA **		None
477	TRUSS11	AllPIN	BenPIN			Yes	** NA **		None
478	TRUSS12	AllPIN	BenPIN			Yes	** NA **		None
479	TRUSS13	BenPIN				Yes	Default		None
480	TRUSS14					Yes	Default		None
481	TRUSS15	AllPIN	BenPIN			Yes	** NA **		None
482	TRUSS16	AllPIN	BenPIN			Yes	** NA **		None
483	TRUSS17	AllPIN	BenPIN			Yes	** NA **		None
484	TRUSS18		BenPIN			Yes	Default		None
485	TRUSS19	AllPIN	BenPIN			Yes	** NA **		None
486	TRUSS20	AllPIN	BenPIN			Yes	** NA **		None
487	TRUSS21	AllPIN	BenPIN			Yes	** NA **		None
488	TRUSS22	AllPIN	BenPIN			Yes	** NA **		None
489	TRUSS23					Yes	** NA **		None
490	TRUSS24	AllPIN	BenPIN			Yes	** NA **		None
491	TRUSS25	AllPIN	BenPIN			Yes	** NA **		None
492	TRUSS26	AllPIN	BenPIN			Yes	** NA **		None
493	TRUSS27					Yes	** NA **		None
494	TRUSS28					Yes	Default		None
495	TRUSS29					Yes	Default		None
496	TRUSS30					Yes	** NA **		None
497	TRUSS31	AllPIN	BenPIN			Yes	** NA **		None
498	TRUSS32					Yes	Default		None
499	TRUSS33	AllPIN	BenPIN			Yes	** NA **		None

Member Advanced Data (Continued)

	Label	I Release	J Release	Col-Wall Vert Release	T/C Only	Physical	Deflection Ratio Options	Activation	Seismic DR
500	TRUSS34	AllPIN	BenPIN			Yes	** NA **		None
501	TRUSS35	AllPIN	BenPIN			Yes	** NA **		None
502	TRUSS36	AllPIN	BenPIN			Yes	** NA **		None
503	TRUSS37	AllPIN	BenPIN			Yes	** NA **		None
504	TRUSS38	BenPIN				Yes	Default		None
505	TRUSS39					Yes	** NA **		None
506	TRUSS40					Yes	** NA **		None
507	TRUSS41					Yes	** NA **		None
508	TRUSS42					Yes	** NA **		None
509	TRUSS43	AllPIN	BenPIN			Yes	** NA **		None
510	TRUSS44		BenPIN			Yes	Default		None
511	TRUSS45					Yes	Default		None
512	X_DOOR100	XOOXXX	BenPIN			Yes	Default	Exclude	None
513	X_DOOR101	AllPIN	BenPIN			Yes	Default	Exclude	None
514	X_DOOR102	AllPIN	BenPIN			Yes	Default	Exclude	None
515	X_DOOR103	AllPIN	BenPIN			Yes	Default	Exclude	None
516	X_DOOR104	AllPIN	BenPIN			Yes	Default	Exclude	None
517	X_DOOR105	AllPIN	BenPIN			Yes	Default	Exclude	None
518	X_DOOR106	AllPIN	BenPIN			Yes	Default	Exclude	None
519	X_DOOR107	AllPIN	BenPIN			Yes	Default	Exclude	None
520	X_DOOR108	AllPIN	BenPIN			Yes	Default	Exclude	None
521	X_DOOR109	AllPIN	BenPIN			Yes	Default	Exclude	None
522	X_DOOR110	AllPIN	BenPIN			Yes	Default	Exclude	None
523	X_DOOR111	AllPIN	BenPIN			Yes	Default	Exclude	None
524	X_DOOR112	AllPIN	BenPIN			Yes	Default	Exclude	None
525	X_DOOR113	AllPIN	BenPIN			Yes	Default	Exclude	None
526	X_DOOR114	AllPIN	BenPIN			Yes	Default	Exclude	None
527	X_DOOR115	AllPIN	BenPIN			Yes	Default	Exclude	None
528	X_DOOR116	AllPIN	BenPIN			Yes	Default	Exclude	None
529	X_DOOR117	AllPIN	BenPIN			Yes	Default	Exclude	None
530	X_DOOR118	AllPIN	BenPIN			Yes	Default	Exclude	None
531	X_DOOR119	AllPIN	BenPIN			Yes	Default	Exclude	None
532	X_DOOR120	AllPIN	BenPIN			Yes	Default	Exclude	None
533	X_DOOR121	AllPIN	BenPIN			Yes	Default	Exclude	None
534	X_DOOR122	AllPIN	BenPIN			Yes	Default	Exclude	None
535	X_DOOR123	AllPIN	BenPIN			Yes	Default	Exclude	None
536	X_DOOR124	XOOXXX	BenPIN			Yes	Default	Exclude	None
537	X_DOOR125	AllPIN	BenPIN			Yes	Default	Exclude	None
538	X_DOOR126	AllPIN	BenPIN			Yes	Default	Exclude	None
539	X_DOOR127	AllPIN	BenPIN			Yes	Default	Exclude	None
540	X_DOOR128	AllPIN	BenPIN			Yes	Default	Exclude	None
541	X_DOOR129	XOOXXX	BenPIN			Yes	Default	Exclude	None
542	X_DOOR130	AllPIN	BenPIN			Yes	Default	Exclude	None
543	X_DOOR131	AllPIN	BenPIN			Yes	Default	Exclude	None
544	X_DOOR132	AllPIN	BenPIN			Yes	Default	Exclude	None
545	X_DOOR133	AllPIN	BenPIN			Yes	Default	Exclude	None
546	X_DOOR134	AllPIN	BenPIN			Yes	Default	Exclude	None
547	X_DOOR135	AllPIN	BenPIN			Yes	Default	Exclude	None
548	X_DOOR136	AllPIN	BenPIN			Yes	Default	Exclude	None
549	X_DOOR137	AllPIN	BenPIN			Yes	Default	Exclude	None
550	X_DOOR138	AllPIN	BenPIN			Yes	Default	Exclude	None
551	X_DOOR139	AllPIN	BenPIN			Yes	Default	Exclude	None
552	X_DOOR140	AllPIN	BenPIN			Yes	Default	Exclude	None
553	X_DOOR141	AllPIN	BenPIN			Yes	Default	Exclude	None
554	X_DOOR142	AllPIN	BenPIN			Yes	Default	Exclude	None
555	X_DOOR143	AllPIN	BenPIN			Yes	Default	Exclude	None
556	X_DOOR144	AllPIN	BenPIN			Yes	Default	Exclude	None
557	X_DOOR145	AllPIN	BenPIN			Yes	Default	Exclude	None
558	X_DOOR146	AllPIN	BenPIN			Yes	Default	Exclude	None
559	X_DOOR147	AllPIN	BenPIN			Yes	Default	Exclude	None
560	X_DOOR148	AllPIN	BenPIN			Yes	Default	Exclude	None
561	X_DOOR149	AllPIN	BenPIN			Yes	Default	Exclude	None
562	X_DOOR150	AllPIN	BenPIN			Yes	Default	Exclude	None
563	X_DOOR151	AllPIN	BenPIN			Yes	Default	Exclude	None
564	X_DOOR152	AllPIN	BenPIN			Yes	Default	Exclude	None
565	X_DOOR153	AllPIN	BenPIN			Yes	Default	Exclude	None
566	X_DOOR154	AllPIN	BenPIN			Yes	Default	Exclude	None
567	X_DOOR155	AllPIN	BenPIN			Yes	Default	Exclude	None

Member Advanced Data (Continued)

	Label	I Release	J Release	Col-Wall Vert Release	T/C Only	Physical	Deflection Ratio Options	Activation	Seismic DR
568	X_DOOR156	AllPIN	BenPIN			Yes	Default	Exclude	None
569	X_DOOR157	AllPIN	BenPIN			Yes	Default	Exclude	None
570	X_DOOR158	AllPIN	BenPIN			Yes	Default	Exclude	None
571	X_DOOR159	AllPIN	BenPIN			Yes	Default	Exclude	None
572	X_DOOR160	AllPIN	BenPIN			Yes	Default	Exclude	None
573	X_DOOR161	AllPIN	BenPIN			Yes	Default	Exclude	None
574	X_DOOR162	AllPIN	BenPIN			Yes	Default	Exclude	None
575	X_DOOR163	XOOXXX	BenPIN			Yes	Default	Exclude	None
576	X_DOOR164	AllPIN	BenPIN			Yes	Default	Exclude	None
577	X_DOOR165	AllPIN	BenPIN			Yes	Default	Exclude	None
578	X_DOOR166	AllPIN	BenPIN			Yes	Default	Exclude	None
579	X_DOOR167	AllPIN	BenPIN			Yes	Default	Exclude	None
580	X_DOOR168	AllPIN	BenPIN			Yes	Default	Exclude	None
581	X_DOOR169	AllPIN	BenPIN			Yes	Default	Exclude	None
582	X_DOOR170	AllPIN	BenPIN			Yes	Default	Exclude	None
583	X_DOOR171	AllPIN	BenPIN			Yes	Default	Exclude	None
584	X_DOOR172	AllPIN	BenPIN			Yes	Default	Exclude	None
585	X_DOOR173	AllPIN	BenPIN			Yes	Default	Exclude	None
586	X_DOOR174	AllPIN	BenPIN			Yes	Default	Exclude	None
587	X_DOOR175	AllPIN	BenPIN			Yes	Default	Exclude	None
588	X_DOOR176	AllPIN	BenPIN			Yes	Default	Exclude	None
589	X_DOOR177	AllPIN	BenPIN			Yes	Default	Exclude	None
590	X_DOOR178	AllPIN	BenPIN			Yes	Default	Exclude	None
591	X_DOOR179	AllPIN	BenPIN			Yes	Default	Exclude	None
592	X_DOOR180	AllPIN	BenPIN			Yes	Default	Exclude	None
593	X_DOOR181	AllPIN	BenPIN			Yes	Default	Exclude	None
594	X_DOOR182	AllPIN	BenPIN			Yes	Default	Exclude	None
595	X_DOOR183	AllPIN	BenPIN			Yes	Default	Exclude	None
596	X_DOOR184	AllPIN	BenPIN			Yes	Default	Exclude	None
597	X_DOOR185	AllPIN	BenPIN			Yes	Default	Exclude	None
598	X_DOOR186	AllPIN	BenPIN			Yes	Default	Exclude	None
599	X_DOOR187	AllPIN	BenPIN			Yes	Default	Exclude	None
600	X_DOOR188	AllPIN	BenPIN			Yes	Default	Exclude	None
601	X_DOOR189	AllPIN	BenPIN			Yes	Default	Exclude	None
602	X_DOOR190	AllPIN	BenPIN			Yes	Default	Exclude	None
603	X_DOOR191	AllPIN	BenPIN			Yes	Default	Exclude	None
604	X_DOOR192	AllPIN	BenPIN			Yes	Default	Exclude	None
605	X_DOOR193	AllPIN	BenPIN			Yes	Default	Exclude	None
606	X_DOOR194	AllPIN	BenPIN			Yes	Default	Exclude	None
607	X_DOOR195	AllPIN	BenPIN			Yes	Default	Exclude	None
608	X_DOOR196	AllPIN	BenPIN			Yes	Default	Exclude	None
609	X_DOOR197	AllPIN	BenPIN			Yes	Default	Exclude	None
610	X_DOOR198	AllPIN	BenPIN			Yes	Default	Exclude	None
611	X_DOOR199	AllPIN	BenPIN			Yes	Default	Exclude	None
612	X_DOOR200	AllPIN	BenPIN			Yes	Default	Exclude	None
613	X_DOOR201	AllPIN	BenPIN			Yes	Default	Exclude	None
614	X_DOOR202	AllPIN	BenPIN			Yes	Default	Exclude	None
615	X_DOOR203	AllPIN	BenPIN			Yes	Default	Exclude	None
616	X_DOOR204	AllPIN	BenPIN			Yes	Default	Exclude	None
617	X_DOOR205	AllPIN	BenPIN			Yes	Default	Exclude	None
618	X_DOOR206	AllPIN	BenPIN			Yes	Default	Exclude	None
619	X_DOOR207	AllPIN	BenPIN			Yes	Default	Exclude	None
620	X_DOOR208	AllPIN	BenPIN			Yes	Default	Exclude	None
621	X_DOOR209	AllPIN	BenPIN			Yes	Default	Exclude	None
622	X_DOOR210	AllPIN	BenPIN			Yes	Default	Exclude	None
623	X_DOOR211	AllPIN	BenPIN			Yes	Default	Exclude	None
624	X_DOOR212	AllPIN	BenPIN			Yes	Default	Exclude	None
625	X_DOOR213	AllPIN	BenPIN			Yes	Default	Exclude	None
626	X_DOOR214	AllPIN	BenPIN			Yes	Default	Exclude	None
627	X_DOOR215	AllPIN	BenPIN			Yes	Default	Exclude	None
628	X_DOOR216	AllPIN	BenPIN			Yes	Default	Exclude	None
629	X_DOOR217	AllPIN	BenPIN			Yes	Default	Exclude	None
630	X_DOOR218	AllPIN	BenPIN			Yes	Default	Exclude	None
631	X_DOOR219	AllPIN	BenPIN			Yes	Default	Exclude	None
632	X_DOOR220	AllPIN	BenPIN			Yes	Default	Exclude	None
633	X_DOOR221	AllPIN	BenPIN			Yes	Default	Exclude	None
634	X_DOOR222	AllPIN	BenPIN			Yes	Default	Exclude	None
635	X_DOOR223	AllPIN	BenPIN			Yes	Default	Exclude	None

Member Advanced Data (Continued)

	Label	I Release	J Release	Col-Wall Vert Release	T/C Only	Physical	Deflection Ratio Options	Activation	Seismic DR
636	X_DOOR224	AllPIN	BenPIN			Yes	Default	Exclude	None
637	X_DOOR225	AllPIN	BenPIN			Yes	Default	Exclude	None
638	X_DOOR226	XOOXXX	BenPIN			Yes	Default	Exclude	None
639	X_DOOR227	XOOXXX	BenPIN			Yes	Default	Exclude	None
640	X_DOOR228	XOOXXX	BenPIN			Yes	Default	Exclude	None
641	X_DOOR229	XOOXXX	BenPIN			Yes	Default	Exclude	None
642	X_DOOR230	XOOXXX	BenPIN			Yes	Default	Exclude	None
643	X_DOOR231	AllPIN	BenPIN			Yes	Default	Exclude	None
644	X_DOOR232	AllPIN	BenPIN			Yes	Default	Exclude	None
645	X_RIGID1	BenPIN	XOOXXX			Yes	** NA **		None
646	X_RIGID2	BenPIN	XOOXXX			Yes	** NA **		None
647	X_RIGID3	XOOXXX	BenPIN			Yes	** NA **		None
648	M678	BenPIN	AllPIN			Yes	Default		None
649	M679					Yes	Default		None
650	M680	BenPIN	AllPIN			Yes	Default		None
651	M681					Yes	Default		None
652	M682		AllPIN			Yes	** NA **		None
653	M683					Yes	Default		None
654	M673					Yes	Default		None
655	M674					Yes	Default		None
656	M675					Yes	Default		None
657	M676					Yes	Default		None
658	M677					Yes	Default		None
659	M684					Yes	Default		None
660	M685					Yes	Default		None
661	M686					Yes	Default		None
662	M687					Yes	Default		None
663	M688					Yes	Default		None
664	M689					Yes	Default		None
665	M690					Yes	Default		None
666	M691					Yes	Default		None
667	M692					Yes	Default		None
668	M693					Yes	Default		None
669	M694					Yes	Default		None
670	M695					Yes	Default		None
671	M696					Yes	Default		None
672	M672		BenPIN			Yes	Default		None
673	M697					Yes	Default		None
674	M698					Yes	Default		None
675	M699					Yes	Default		None
676	M700					Yes	Default		None
677	M701					Yes	Default		None
678	M702	BenPIN	AllPIN			Yes	Default		None
679	M703	BenPIN	AllPIN			Yes	Default		None
680	M704					Yes	Default		None
681	M705					Yes	Default		None
682	M706	BenPIN	AllPIN			Yes	Default		None
683	M707	BenPIN	AllPIN			Yes	Default		None
684	M708					Yes	Default		None
685	M710	BenPIN	AllPIN			Yes	Default		None
686	M711	BenPIN	AllPIN			Yes	Default		None
687	M709	BenPIN	AllPIN			Yes	Default		None
688	M712	BenPIN				Yes	Default		None
689	M713	BenPIN				Yes	Default		None

Hot Rolled Steel Design Parameters

	Label	Shape	Length [ft]	Lb y-y [ft]	Lb z-z [ft]	Lcomp top [ft]	Lcomp bot [ft]	L-Torque [ft]	Channel Conn.	a [ft]	Function
1	BM10	3PL 49end	32.167	25	146.878	5	25	25	N/A	N/A	Lateral
2	BM11	3PL 3end	32.167	25	146.878	5	25	25	N/A	N/A	Lateral
3	BM12	3PL 5678end	32.167	25	146.878	5	25	25	N/A	N/A	Lateral
4	BM13	3PL 5678end	32.167	25	146.878	5	25	25	N/A	N/A	Lateral
5	BM14	3PL 49end	32.167	25	146.878	5	25	25	N/A	N/A	Lateral
6	BM15	3PL 11end	32.167	25	146.878	5	25	25	N/A	N/A	Lateral
7	BM16	ROOF office 2	29.15	16		5	16	16	N/A	N/A	Lateral
8	BM17	ROOF office 3	29.15			5			N/A	N/A	Lateral
9	BM18	3PL 5678start	32.167	25	146.878	5	25	25	N/A	N/A	Lateral
10	BM19	ROOF office 5	25			Lbyy			N/A	N/A	Lateral
11	BM20	3PL 11int	27.515	25	146.878	5	25	25	N/A	N/A	Lateral

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length [ft]	Lb y-y [ft]	Lb z-z [ft]	Lcomp top [ft]	Lcomp bot [ft]	L-Torque [ft]	Channel Conn.	a [ft]	Function
12	BM21	3PL 49int	27.515	25	146.878	5	25	25	N/A	N/A	Lateral
13	BM22	3PL 49start	32.167	25	146.878	5	25	25	N/A	N/A	Lateral
14	BM24	3PL 5678int	27.515	25	146.878	5	25	25	N/A	N/A	Lateral
15	BM25	3PL 5678int	27.515	25	146.878	5	25	25	N/A	N/A	Lateral
16	BM27	3PL 5678int	27.515	25	146.878	5	25	25	N/A	N/A	Lateral
17	BM30	ROOF office 5	25						N/A	N/A	Lateral
18	BM31	ROOF office 5	25			Lbyy			N/A	N/A	Lateral
19	BM32	3PL 5678end	32.167	25	146.878	5	25	25	N/A	N/A	Lateral
20	BM33	3PL 5678end	32.167	25	146.878	5	25	25	N/A	N/A	Lateral
21	BM34	3PL 10end	32.167	25	146.878	5	25	25	N/A	N/A	Lateral
22	BM35	ROOF office 1	29.15	16		5	16	16	N/A	N/A	Lateral
23	BM36	ROOF office 1	29.15	16		5	16	16	N/A	N/A	Lateral
24	BM37	ROOF office 2	29.15	16		5	16	16	N/A	N/A	Lateral
25	BM38	3PL 3int	27.515	25	146.878	5	25	25	N/A	N/A	Lateral
26	BM39	3PL 5678int	27.515	25	146.878	5	25	25	N/A	N/A	Lateral
27	BM40	3PL 10int	27.515	25	146.878	5	25	25	N/A	N/A	Lateral
28	BM41	3PL 49int	27.515	25	146.878	5	25	25	N/A	N/A	Lateral
29	BM42	3PL 5678start	32.167	25	146.878	5	25	25	N/A	N/A	Lateral
30	BM43	3PL 3start	32.167	25	146.878	5	25	25	N/A	N/A	Lateral
31	BM44	3PL 5678start	32.167	25	146.878	5	25	25	N/A	N/A	Lateral
32	BM45	3PL 10start	32.167	25	146.878	5	25	25	N/A	N/A	Lateral
33	BM46	3PL 49start	32.167	25	146.878	5	25	25	N/A	N/A	Lateral
34	BM47	3PL 5678start	32.167	25	146.878	5	25	25	N/A	N/A	Lateral
35	BM48	3PL 11start	32.167	25	146.878	5	25	25	N/A	N/A	Lateral
36	BM54	ROOF office 5	25						N/A	N/A	Lateral
37	CANOPY10	CANOPY bm	13.333			Lbyy			N/A	N/A	Lateral
38	CANOPY13	CANOPY bm	25			Lbyy			N/A	N/A	Lateral
39	CANOPY14	CANOPY outrigger	5.25			Lbyy			N/A	N/A	Lateral
40	CANOPY18	CANOPY bm	7.667			Lbyy			N/A	N/A	Lateral
41	CANOPY21	CANOPY bm	13.333			Lbyy			N/A	N/A	Lateral
42	CANOPY23	CANOPY outrigger	5.25			Lbyy			N/A	N/A	Lateral
43	CANOPY28	CANOPY bm	25			Lbyy			N/A	N/A	Lateral
44	CANOPY29	CANOPY outrigger	5.25			Lbyy			N/A	N/A	Lateral
45	CANOPY30	CANOPY outrigger	5.25			Lbyy			N/A	N/A	Lateral
46	CANOPY31	CANOPY outrigger	5.25			Lbyy			N/A	N/A	Lateral
47	CANOPY32	CANOPY bm	25			Lbyy			N/A	N/A	Lateral
48	CANOPY33	CANOPY bm	25			Lbyy			N/A	N/A	Lateral
49	CANOPY34	CANOPY bm	7.667			Lbyy			N/A	N/A	Lateral
50	COL10	TRUSS col 2	46	23.25				23.25	N/A	N/A	Lateral
51	COL11	COL xbr heavy	34	15	62	15	15	15	N/A	N/A	Lateral
52	COL12	COL xbr typ	23.375	15	58	15	15	15	N/A	N/A	Lateral
53	COL13	TRUSS col 1	63.5	15	23.25	15	15	15	N/A	N/A	Lateral
54	COL14	COL xbr heavy	34	15	63	15	15	15	N/A	N/A	Lateral
55	COL15	COL xbr typ	34	15	58	15	15	15	N/A	N/A	Lateral
56	COL16	COL office	12.667						N/A	N/A	Lateral
57	COL17	COL rear canopy	34	15	58	15	15	15	N/A	N/A	Lateral
58	COL18	COL office	12.667						N/A	N/A	Lateral
59	COL19	COL xbr typ	34	15	58	15	15	15	N/A	N/A	Lateral
60	COL20	COL corner	34	15	23.25	15	15	15	N/A	N/A	Lateral
61	COL21	COL rear canopy	34	15	58	15	15	15	N/A	N/A	Lateral
62	COL22	COL inset	34	15	48.5	15	15	15	N/A	N/A	Lateral
63	COL23	COL side heavy	34	16	45.5	16	16	16	N/A	N/A	Lateral
64	COL24	COL rear canopy	34	15	58	15	15	15	N/A	N/A	Lateral
65	COL25	COL xbr typ	34	15	58	15	15	15	N/A	N/A	Lateral
66	COL26	COL side heavy	24.351	15	59	15	15	15	N/A	N/A	Lateral
67	COL27	COL typ rear	23.375	15	58	15	15	15	N/A	N/A	Lateral
68	COL28	COL rear canopy	23.375	15	58	15	15	15	N/A	N/A	Lateral
69	COL29	COL door	23.406	10	Segment	10	10	10	N/A	N/A	Lateral
70	COL30	COL xbr heavy	28.524	15	63	15	15	15	N/A	N/A	Lateral
71	COL31	COL xbr heavy	26.438	15	46.5	15	15	15	N/A	N/A	Lateral
72	COL32	COL rear canopy	23.375	15	58	15	15	15	N/A	N/A	Lateral
73	COL33	COL xbr heavy	27.481	15	47.5	15	15	15	N/A	N/A	Lateral
74	COL34	TRUSS col 3	46	23.25				23.25	N/A	N/A	Lateral
75	COL35	COL side heavy	25.394	15	60	15	15	15	N/A	N/A	Lateral
76	COL36	COL side heavy	24.351	15	44.5	15	15	15	N/A	N/A	Lateral
77	COL37	COL xbr heavy	26.438	15	61	15	15	15	N/A	N/A	Lateral
78	COL38	COL inset	29.156	15	48.5	15	15	15	N/A	N/A	Lateral
79	COL39	COL canopy	12.667						N/A	N/A	Lateral

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length [ft]	Lb y-y [ft]	Lb z-z [ft]	Lcomp top [ft]	Lcomp bot [ft]	L-Torque [ft]	Channel Conn.	a [ft]	Function
80	COL40	TRUSS col 3	17.5						N/A	N/A	Lateral
81	COL41	COL xbr typ	23.375	15	58	15	15	15	N/A	N/A	Lateral
82	COL42	COL xbr typ	23.375	15	58	15	15	15	N/A	N/A	Lateral
83	COL43	COL rear canopy	23.375	15	58	15	15	15	N/A	N/A	Lateral
84	COL44	COL xbr typ	23.375	15	58	15	15	15	N/A	N/A	Lateral
85	COL45	COL rear canopy	23.375	15	58	15	15	15	N/A	N/A	Lateral
86	COL46	COL xbr heavy	27.481	15	62	15	15	15	N/A	N/A	Lateral
87	COL47	COL xbr heavy	28.524	15	48.5	15	15	15	N/A	N/A	Lateral
88	COL48	COL side heavy	25.394	15	45.5	15	15	15	N/A	N/A	Lateral
89	COL49	TRUSS col 4	63.5	15	Segment	15	15	15	N/A	N/A	Lateral
90	COL50	COL office	12.667						N/A	N/A	Lateral
91	COL51	COL office	12.667						N/A	N/A	Lateral
92	COL52	COL office	12.667						N/A	N/A	Lateral
93	COL53	COL office	12.667						N/A	N/A	Lateral
94	COL54	COL xbr heavy	34	16	48.5	16	16	16	N/A	N/A	Lateral
95	COL55	COL xbr heavy	34	16	47.5	16	16	16	N/A	N/A	Lateral
96	COL56	COL xbr heavy	34	16	46.5	16	16	16	N/A	N/A	Lateral
97	COL57	COL side heavy	34	16	44.5	16	16	16	N/A	N/A	Lateral
98	COL58	COL xbr typ	34	15	58	15	15	15	N/A	N/A	Lateral
99	COL59	COL rear canopy	34	15	58	15	15	15	N/A	N/A	Lateral
100	COL60	COL corner	34	15	23.25	15	15	15	N/A	N/A	Lateral
101	COL61	COL typ rear	34	15	58	15	15	15	N/A	N/A	Lateral
102	COL62	COL side heavy	34	15	59	15	15	15	N/A	N/A	Lateral
103	COL63	COL side heavy	34	15	60	15	15	15	N/A	N/A	Lateral
104	COL64	COL xbr heavy	34	15	61	15	15	15	N/A	N/A	Lateral
105	COL65	COL door	39.75	15	Segment	15	15	15	N/A	N/A	Lateral
106	COL66	COL corner	23.375	15	23.25	15	15	15	N/A	N/A	Lateral
107	COL67	COL corner	23.375	15	23.25	15	15	15	N/A	N/A	Lateral
108	COL68	TRUSS col 2	17.5						N/A	N/A	Lateral
109	COL69	COL xbr short	22.75	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
110	COL70	COL xbr short	22.75	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
111	COL71	COL office	12.667						N/A	N/A	Lateral
112	COL_LACE10	TRUSS strut 1	26.75			Lbyy			N/A	N/A	Lateral
113	COL_LACE11	TRUSS xbr 12B	26.05			Lbyy			N/A	N/A	Lateral
114	COL_LACE12	TRUSS strut 2	11.75			Lbyy			N/A	N/A	Lateral
115	COL_LACE13	TRUSS strut 1	11.75			Lbyy			N/A	N/A	Lateral
116	COL_LACE14	TRUSS xbr 12A	25.605			Lbyy			N/A	N/A	Lateral
117	COL_LACE15	TRUSS xbr 34A	35.116			Lbyy			N/A	N/A	Lateral
118	COL_LACE16	TRUSS strut 2	26.75			Lbyy			N/A	N/A	Lateral
119	COL_LACE17	TRUSS strut 2	11.75			Lbyy			N/A	N/A	Lateral
120	COL_LACE18	TRUSS xbr 12C	21.079			Lbyy			N/A	N/A	Lateral
121	COL_LACE19	TRUSS xbr 34C	31.966			Lbyy			N/A	N/A	Lateral
122	COL_LACE20	TRUSS strut 3	26.75			Lbyy			N/A	N/A	Lateral
123	COL_LACE21	TRUSS xbr 34B	35.442			Lbyy			N/A	N/A	Lateral
124	DIAPH100	ROOF strut 1	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
125	DIAPH101	ROOF strut 1	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
126	DIAPH102	ROOF strut 1	21.625	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
127	DIAPH103	ROOF xbr 2	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
128	DIAPH104	ROOF xbr 2	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
129	DIAPH105	ROOF xbr 4	33.072	16.5	16.5			16.5	N/A	N/A	Lateral
130	DIAPH106	ROOF strut 2	21.625	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
131	DIAPH107	ROOF strut 2	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
132	DIAPH108	ROOF strut 1	11.75	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
133	DIAPH109	ROOF strut 1	21.625	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
134	DIAPH110	ROOF strut 1	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
135	DIAPH111	ROOF strut 2	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
136	DIAPH112	ROOF xbr 2	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
137	DIAPH113	ROOF xbr 4	34.845	17.5	17.5			17.5	N/A	N/A	Lateral
138	DIAPH114	ROOF strut 2	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
139	DIAPH115	ROOF xbr 4	33.072	16.5	16.5			16.5	N/A	N/A	Lateral
140	DIAPH116	ROOF xbr 3	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
141	DIAPH117	ROOF strut 2	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
142	DIAPH118	WALL strut xbr 1	8.257	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
143	DIAPH119	ROOF xbr 2	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
144	DIAPH120	ROOF xbr 3	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
145	DIAPH121	ROOF strut 2	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
146	DIAPH122	ROOF strut 1	11.75	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
147	DIAPH123	ROOF strut 1	21.625	Segment		Segment	Segment	Segment	N/A	N/A	Lateral

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length [ft]	Lb y-y [ft]	Lb z-z [ft]	Lcomp top [ft]	Lcomp bot [ft]	L-Torque [ft]	Channel Conn.	a [ft]	Function
148	DIAPH124	ROOF strut 1	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
149	DIAPH125	ROOF strut 1	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
150	DIAPH126	ROOF strut 1	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
151	DIAPH127	ROOF strut 1	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
152	DIAPH128	ROOF strut 2	11.75	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
153	DIAPH129	ROOF strut 2	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
154	DIAPH130	ROOF xbr 1	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
155	DIAPH131	ROOF strut 2	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
156	DIAPH132	ROOF strut 2	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
157	DIAPH133	ROOF strut 1	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
158	DIAPH134	ROOF strut 1	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
159	DIAPH135	ROOF xbr 2	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
160	DIAPH136	ROOF xbr 2	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
161	DIAPH137	ROOF strut 1	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
162	DIAPH138	ROOF strut 2	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
163	DIAPH139	ROOF strut 2	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
164	DIAPH140	ROOF strut 2	24.25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
165	DIAPH141	ROOF strut 2	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
166	DIAPH142	ROOF strut 2	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
167	DIAPH143	ROOF strut 2	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
168	DIAPH144	ROOF xbr 1	15.719	8.5	8.5			8.5	N/A	N/A	Lateral
169	DIAPH145	ROOF xbr 4	34.845	17.5	17.5			17.5	N/A	N/A	Lateral
170	DIAPH146	ROOF xbr 1	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
171	DIAPH147	ROOF xbr 3	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
172	DIAPH148	ROOF xbr 1	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
173	DIAPH149	ROOF xbr 1	15.719	8.5	8.5			8.5	N/A	N/A	Lateral
174	DIAPH150	ROOF xbr 2	34.239	17.5	17.5			17.5	N/A	N/A	Lateral
175	DIAPH151	ROOF xbr 2	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
176	DIAPH152	ROOF xbr 2	34.239	17.5	17.5			17.5	N/A	N/A	Lateral
177	DIAPH153	ROOF xbr 2	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
178	DIAPH154	ROOF xbr 1	15.719	8.5	8.5			8.5	N/A	N/A	Lateral
179	DIAPH155	ROOF xbr 3	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
180	DIAPH156	ROOF xbr 2	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
181	DIAPH157	ROOF xbr 1	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
182	DIAPH158	ROOF xbr 2	26.328	13	13			13	N/A	N/A	Lateral
183	DIAPH159	ROOF xbr 4	27.643	14	14			14	N/A	N/A	Lateral
184	DIAPH160	ROOF xbr 2	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
185	DIAPH161	ROOF xbr 2	34.239	17.5	17.5			17.5	N/A	N/A	Lateral
186	DIAPH162	ROOF xbr 2	34.239	17.5	17.5			17.5	N/A	N/A	Lateral
187	DIAPH163	ROOF xbr 4	27.643	14	14			14	N/A	N/A	Lateral
188	DIAPH164	ROOF xbr 4	27.643	14	14			14	N/A	N/A	Lateral
189	DIAPH165	ROOF strut 1	11.75	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
190	DIAPH166	ROOF xbr 4	27.643	14	14			14	N/A	N/A	Lateral
191	DIAPH167	ROOF strut 2	11.75	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
192	DIAPH168	ROOF xbr 2	26.328	13	13			13	N/A	N/A	Lateral
193	DIAPH169	ROOF xbr 2	26.328	13	13			13	N/A	N/A	Lateral
194	DIAPH170	ROOF xbr 2	26.328	13	13			13	N/A	N/A	Lateral
195	DIAPH171	ROOF strut 2	24.25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
196	DIAPH172	ROOF strut 2	24.25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
197	DIAPH173	ROOF xbr 4	34.845	17.5	17.5			17.5	N/A	N/A	Lateral
198	DIAPH174	ROOF strut 2	24.25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
199	DIAPH175	ROOF xbr 4	34.845	17.5	17.5			17.5	N/A	N/A	Lateral
200	DIAPH176	ROOF strut 1	24.25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
201	DIAPH177	ROOF strut 1	24.25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
202	DIAPH178	ROOF xbr 1	15.719	8.5	8.5			8.5	N/A	N/A	Lateral
203	DIAPH181	ROOF xbr 4	33.072	16.5	16.5			16.5	N/A	N/A	Lateral
204	DIAPH182	ROOF xbr 4	33.072	16.5	16.5			16.5	N/A	N/A	Lateral
205	DIAPH183	ROOF strut 2	21.625	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
206	DIAPH184	ROOF strut 1	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
207	DIAPH185	ROOF strut 2	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
208	DIAPH186	ROOF xbr 3	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
209	DIAPH187	ROOF xbr 3	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
210	DIAPH188	ROOF xbr 3	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
211	DIAPH189	ROOF strut 1	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
212	DIAPH190	ROOF strut 1	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
213	DIAPH191	ROOF xbr 2	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
214	DIAPH192	ROOF xbr 2	29.226	14.5	14.5			14.5	N/A	N/A	Lateral
215	DIAPH193	ROOF strut 2	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length [ft]	Lb y-y [ft]	Lb z-z [ft]	Lcomp top [ft]	Lcomp bot [ft]	L-Torque [ft]	Channel Conn.	a [ft]	Function
216	DIAPH194	ROOF xbr 2	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
217	DIAPH195	ROOF strut 1	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
218	DIAPH196	ROOF xbr 2	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
219	DIAPH197	ROOF strut 2	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
220	DIAPH198	ROOF xbr 2	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
221	DIAPH199	ROOF xbr 2	29.226	14.5	14.5			14.5	N/A	N/A	Lateral
222	DIAPH200	ROOF strut 1	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
223	DIAPH201	ROOF strut 1	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
224	DIAPH202	ROOF xbr 1	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
225	DIAPH203	ROOF strut 2	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
226	DIAPH204	ROOF xbr 1	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
227	DIAPH205	ROOF xbr 1	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
228	DIAPH206	ROOF xbr 1	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
229	DIAPH207	ROOF xbr 1	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
230	DIAPH208	ROOF xbr 1	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
231	DIAPH209	ROOF xbr 1	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
232	DIAPH210	ROOF xbr 1	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
233	DIAPH211	ROOF strut 2	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
234	DIAPH212	ROOF strut 1	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
235	DIAPH213	ROOF xbr 2	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
236	DIAPH214	ROOF xbr 2	29.226	14.5	14.5			14.5	N/A	N/A	Lateral
237	DIAPH215	ROOF xbr 2	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
238	DIAPH216	ROOF strut 1	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
239	DIAPH217	ROOF strut 1	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
240	DIAPH218	ROOF xbr 2	29.226	14.5	14.5			14.5	N/A	N/A	Lateral
241	DIAPH219	ROOF strut 1	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
242	DIAPH220	ROOF xbr 3	35.371	17.5	17.5			17.5	N/A	N/A	Lateral
243	DIAPH221	ROOF strut 2	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
244	DIAPH222	ROOF strut 1	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
245	DIAPH223	ROOF strut 2	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
246	DIAPH224	ROOF strut 2	25	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
247	DIAPH225	ROOF strut 2	21.625	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
248	DIAPH226	ROOF strut 2	11.75	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
249	DIAPH227	ROOF eave door	8.257	10		5	10	10	N/A	N/A	Lateral
250	DOOR10	DOOR bm 1	8.25			Lbyy			N/A	N/A	Lateral
251	DOOR11	DOOR bm 2	50	Segment		Lbyy			N/A	N/A	Lateral
252	DOOR12	DOOR bm 1	8.25			Lbyy			N/A	N/A	Lateral
253	DOOR13	DOOR bm 1	8.25			Lbyy			N/A	N/A	Lateral
254	DOOR14	DOOR bm 1	8.25			Lbyy			N/A	N/A	Lateral
255	DOOR15	DOOR bm 1	8.25			Lbyy			N/A	N/A	Lateral
256	DOOR16	DOOR bm 2	50	Segment		Lbyy			N/A	N/A	Lateral
257	DOOR17	DOOR bm 1	8.25			Lbyy			N/A	N/A	Lateral
258	DOOR18	DOOR vert	17.156			Lbyy			N/A	N/A	Lateral
259	DOOR20	DOOR vert	17.156			Lbyy			N/A	N/A	Lateral
260	DOOR21	DOOR bm 1	8.25			Lbyy			N/A	N/A	Lateral
261	DOOR22	DOOR diag 2	18.14			Lbyy			N/A	N/A	Lateral
262	DOOR23	DOOR bm 1	8.25			Lbyy			N/A	N/A	Lateral
263	DOOR24	DOOR diag 1	18.14			Lbyy			N/A	N/A	Lateral
264	DOOR25	DOOR vert	17.156			Lbyy			N/A	N/A	Lateral
265	DOOR26	DOOR bm 2	26.75	Segment		Lbyy			N/A	N/A	Lateral
266	DOOR27	DOOR vert	17.156			Lbyy			N/A	N/A	Lateral
267	DOOR28	DOOR corner	14.357			Lbyy			N/A	N/A	Lateral
268	DOOR29	DOOR bm 1	8.25			Lbyy			N/A	N/A	Lateral
269	DOOR30	DOOR bm 1	8.25			Lbyy			N/A	N/A	Lateral
270	DOOR31	DOOR bm 1	8.25			Lbyy			N/A	N/A	Lateral
271	DOOR32	DOOR vert	17.156			Lbyy			N/A	N/A	Lateral
272	DOOR33	DOOR bm 2	50	Segment		Lbyy			N/A	N/A	Lateral
273	DOOR34	DOOR bm 1	8.25			Lbyy			N/A	N/A	Lateral
274	DOOR35	DOOR bm 1	8.25			Lbyy			N/A	N/A	Lateral
275	DOOR36	DOOR diag 1	18.14			Lbyy			N/A	N/A	Lateral
276	DOOR37	DOOR bm 1	8.25			Lbyy			N/A	N/A	Lateral
277	DOOR38	DOOR bm 1	8.25			Lbyy			N/A	N/A	Lateral
278	DOOR39	DOOR diag 2	18.14			Lbyy			N/A	N/A	Lateral
279	DOOR40	DOOR vert	17.156			Lbyy			N/A	N/A	Lateral
280	DOOR41	DOOR diag 1	18.14			Lbyy			N/A	N/A	Lateral
281	DOOR42	DOOR diag 1	18.14			Lbyy			N/A	N/A	Lateral
282	DOOR43	DOOR vert	17.156			Lbyy			N/A	N/A	Lateral
283	DOOR44	DOOR diag 1	18.14			Lbyy			N/A	N/A	Lateral

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length [ft]	Lb y-y [ft]	Lb z-z [ft]	Lcomp top [ft]	Lcomp bot [ft]	L-Torque [ft]	Channel Conn.	a [ft]	Function
284	DOOR45	DOOR vert	17.156			Lbyy			N/A	N/A	Lateral
285	DOOR46	DOOR diag 1	18.14			Lbyy			N/A	N/A	Lateral
286	DOOR47	DOOR vert	17.156			Lbyy			N/A	N/A	Lateral
287	DOOR48	DOOR bm 1	8.25			Lbyy			N/A	N/A	Lateral
288	DOOR49	DOOR bm 1	8.25			Lbyy			N/A	N/A	Lateral
289	DOOR50	DOOR bm 1	8.25			Lbyy			N/A	N/A	Lateral
290	DOOR51	DOOR bm 1	8.25			Lbyy			N/A	N/A	Lateral
291	DOOR52	DOOR bm 1	8.25			Lbyy			N/A	N/A	Lateral
292	DOOR53	DOOR bm 2	34.125	Segment		Lbyy			N/A	N/A	Lateral
293	DOOR54	DOOR bm 1	8.25			Lbyy			N/A	N/A	Lateral
294	DOOR55	DOOR bm 1	8.25			Lbyy			N/A	N/A	Lateral
295	DOOR56	DOOR bm 1	8.25			Lbyy			N/A	N/A	Lateral
296	DOOR57	DOOR bm 1	8.25			Lbyy			N/A	N/A	Lateral
297	DOOR58	DOOR bm 1	8.25			Lbyy			N/A	N/A	Lateral
298	DOOR59	DOOR bm 1	8.25			Lbyy			N/A	N/A	Lateral
299	DOOR60	DOOR bm 1	8.25			Lbyy			N/A	N/A	Lateral
300	DOOR61	DOOR bm 1	8.25			Lbyy			N/A	N/A	Lateral
301	DOOR62	DOOR bm 1	8.25			Lbyy			N/A	N/A	Lateral
302	DOOR63	DOOR bm 1	8.25			Lbyy			N/A	N/A	Lateral
303	DOOR64	DOOR bm 1	8.25			Lbyy			N/A	N/A	Lateral
304	DOOR65	DOOR bm 2	39.125	Segment		Lbyy			N/A	N/A	Lateral
305	EDGE10	ROOF eave typ	25.022	Segment		5	Segment	Segment	N/A	N/A	Lateral
306	EDGE11	WALL strut xbr 2	25	13.33				13.33	N/A	N/A	Lateral
307	EDGE12	ROOF eave door	8.257	10		5	10	10	N/A	N/A	Lateral
308	EDGE13	WALL strut typ	25			Lbyy			N/A	N/A	Lateral
309	EDGE14	WALL strut typ	25			Lbyy			N/A	N/A	Lateral
310	EDGE15	WALL strut xbr 3	25						N/A	N/A	Lateral
311	EDGE16	WALL strut typ	23.375			Lbyy			N/A	N/A	Lateral
312	EDGE17	ROOF eave typ	23.395	Segment		5	Segment	Segment	N/A	N/A	Lateral
313	EDGE18	ROOF office 4	29.15			5			N/A	N/A	Lateral
314	EDGE19	ROOF strut 1	15.125						N/A	N/A	Lateral
315	EDGE20	ROOF strut 2	2.375			Lbyy			N/A	N/A	Lateral
316	EDGE21	WALL strut xbr 2	25	13.33				13.33	N/A	N/A	Lateral
317	EDGE22	WALL strut typ	15.125			Lbyy			N/A	N/A	Lateral
318	EDGE23	WALL strut xbr 3	11.667			Lbyy			N/A	N/A	Lateral
319	EDGE24	WALL strut xbr 3	11.667			Lbyy			N/A	N/A	Lateral
320	EDGE25	WALL strut xbr 3	25			Lbyy			N/A	N/A	Lateral
321	EDGE26	ROOF strut 1	25						N/A	N/A	Lateral
322	EDGE27	ROOF strut 1	21.625						N/A	N/A	Lateral
323	EDGE28	ROOF strut 1	11.75						N/A	N/A	Lateral
324	EDGE29	ROOF eave xbr	25.022	Segment		5	Segment	Segment	N/A	N/A	Lateral
325	EDGE30	ROOF eave typ	23.395	Segment		5	Segment	Segment	N/A	N/A	Lateral
326	EDGE31	ROOF eave xbr	25.022	Segment		5	Segment	Segment	N/A	N/A	Lateral
327	EDGE32	ROOF eave xbr	25.022	Segment		5	Segment	Segment	N/A	N/A	Lateral
328	EDGE33	ROOF eave xbr	25.022	Segment		5	Segment	Segment	N/A	N/A	Lateral
329	EDGE34	ROOF office 4	26.773			5			N/A	N/A	Lateral
330	EDGE35	ROOF strut 1	25						N/A	N/A	Lateral
331	EDGE36	ROOF strut 1	25			Lbyy			N/A	N/A	Lateral
332	EDGE37	WALL strut xbr 2	23.375	15.71				15.71	N/A	N/A	Lateral
333	EDGE38	ROOF strut 1	25						N/A	N/A	Lateral
334	EDGE39	ROOF strut 1	24.25						N/A	N/A	Lateral
335	EDGE40	ROOF strut 1	25						N/A	N/A	Lateral
336	EDGE41	ROOF strut 1	25						N/A	N/A	Lateral
337	EDGE42	ROOF strut 1	25			Lbyy			N/A	N/A	Lateral
338	EDGE43	ROOF eave typ	23.395	Segment		5	Segment	Segment	N/A	N/A	Lateral
339	EDGE44	ROOF eave typ	25.022	Segment		5	Segment	Segment	N/A	N/A	Lateral
340	EDGE45	ROOF eave typ	23.395	Segment		5	Segment	Segment	N/A	N/A	Lateral
341	EDGE46	ROOF eave typ	25.022	Segment		5	Segment	Segment	N/A	N/A	Lateral
342	EDGE47	ROOF eave typ	25.022	Segment		5	Segment	Segment	N/A	N/A	Lateral
343	EDGE48	ROOF strut 2	26.75	Segment		Segment	Segment	Segment	N/A	N/A	Lateral
344	EDGE49	CANT return corner	2.377			Lbyy			N/A	N/A	Lateral
345	EDGE50	WALL strut xbr 3	13.333			Lbyy			N/A	N/A	Lateral
346	EDGE51	WALL strut xbr 3	13.333			Lbyy			N/A	N/A	Lateral
347	LFRS100	WALL strut typ	25			Lbyy			N/A	N/A	Lateral
348	LFRS101	WALL strut xbr 4	25			Lbyy			N/A	N/A	Lateral
349	LFRS102	WALL xbr 3	14.655	8	8			8	N/A	N/A	Lateral
350	LFRS103	WALL strut xbr 4	25			Lbyy			N/A	N/A	Lateral
351	LFRS104	WALL xbr 1	14.255	7	7			7	N/A	N/A	Lateral

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length [ft]	Lb y-y [ft]	Lb z-z [ft]	Lcomp top [ft]	Lcomp bot [ft]	L-Torque [ft]	Channel Conn.	a [ft]	Function
352	LFRS105	WALL strut typ	25			Lbyy			N/A	N/A	Lateral
353	LFRS106	WALL strut xbr 3	25			Lbyy			N/A	N/A	Lateral
354	LFRS107	WALL strut typ	25			Lbyy			N/A	N/A	Lateral
355	LFRS108	WALL xbr 3	16.013	8	8			8	N/A	N/A	Lateral
356	LFRS109	WALL strut xbr 3	15.125			Lbyy			N/A	N/A	Lateral
357	LFRS110	WALL xbr 3	33.802	17	17			17	N/A	N/A	Lateral
358	LFRS111	WALL xbr 2	33.802	17	17			17	N/A	N/A	Lateral
359	LFRS112	WALL strut typ	25			Lbyy			N/A	N/A	Lateral
360	LFRS113	WALL strut typ	25			Lbyy			N/A	N/A	Lateral
361	LFRS114	WALL strut typ	23.375			Lbyy			N/A	N/A	Lateral
362	LFRS115	WALL strut typ	24.25			Lbyy			N/A	N/A	Lateral
363	LFRS116	WALL strut typ	11.75			Lbyy			N/A	N/A	Lateral
364	LFRS117	WALL strut xbr 4	23.375			Lbyy			N/A	N/A	Lateral
365	LFRS118	WALL strut typ	25			Lbyy			N/A	N/A	Lateral
366	LFRS119	WALL strut typ	23.375			Lbyy			N/A	N/A	Lateral
367	LFRS120	WALL strut typ	25			Lbyy			N/A	N/A	Lateral
368	LFRS121	WALL xbr 3	34.14	17	17			17	N/A	N/A	Lateral
369	LFRS122	WALL xbr 2	17.221			Lbyy			N/A	N/A	Lateral
370	LFRS123	WALL xbr 3	28.869	15	15			15	N/A	N/A	Lateral
371	LFRS124	WALL xbr 3	18.133	9	9			9	N/A	N/A	Lateral
372	LFRS125	WALL strut xbr 1	8.25			Lbyy			N/A	N/A	Lateral
373	LFRS126	WALL xbr 3	16.013	8	8			8	N/A	N/A	Lateral
374	LFRS127	WALL strut xbr 4	25			Lbyy			N/A	N/A	Lateral
375	LFRS128	WALL xbr 3	29.405	15	15			15	N/A	N/A	Lateral
376	LFRS129	WALL strut typ	25			Lbyy			N/A	N/A	Lateral
377	LFRS130	WALL xbr 3	14.655	8	8			8	N/A	N/A	Lateral
378	LFRS131	WALL xbr 3	29.968	15	15			15	N/A	N/A	Lateral
379	LFRS132	WALL xbr 2	34.14	17	17			17	N/A	N/A	Lateral
380	LFRS133	WALL xbr 1	15.117	8	8			8	N/A	N/A	Lateral
381	LFRS134	WALL xbr 3	29.405	15	15			15	N/A	N/A	Lateral
382	LFRS135	WALL xbr 3	14.655	8	8			8	N/A	N/A	Lateral
383	LFRS136	WALL xbr 2	27.466	14	14			14	N/A	N/A	Lateral
384	LFRS137	WALL xbr 3	29.405	15	15			15	N/A	N/A	Lateral
385	LFRS138	WALL xbr 3	34.14	17	17			17	N/A	N/A	Lateral
386	LFRS139	WALL xbr 1	14.255	7	7			7	N/A	N/A	Lateral
387	LFRS140	WALL xbr 3	18.133	9	9			9	N/A	N/A	Lateral
388	LFRS141	WALL xbr 3	34.14	17	17			17	N/A	N/A	Lateral
389	LFRS142	WALL xbr 1	15.117	8	8			8	N/A	N/A	Lateral
390	LFRS143	WALL xbr 2	33.802	17	17			17	N/A	N/A	Lateral
391	LFRS144	WALL xbr 1	19.036	9	9			9	N/A	N/A	Lateral
392	LFRS145	CANT return corner	2.375			Lbyy			N/A	N/A	Lateral
393	LFRS146	WALL strut typ	26.75			Lbyy			N/A	N/A	Lateral
394	LFRS147	WALL xbr 3	14.655	8	8			8	N/A	N/A	Lateral
395	LFRS148	WALL xbr 3	16.013	8	8			8	N/A	N/A	Lateral
396	LFRS149	WALL xbr 2	27.466	14	14			14	N/A	N/A	Lateral
397	LFRS150	WALL xbr 2	27.466	14	14			14	N/A	N/A	Lateral
398	LFRS151	WALL xbr 2	27.466	14	14			14	N/A	N/A	Lateral
399	LFRS152	WALL xbr 3	28.869	15	15			15	N/A	N/A	Lateral
400	LFRS153	WALL xbr 3	29.968	15	15			15	N/A	N/A	Lateral
401	LFRS154	WALL xbr 3	29.405	15	15			15	N/A	N/A	Lateral
402	LFRS155	WALL xbr 3	18.133	9	9			9	N/A	N/A	Lateral
403	LFRS156	WALL xbr 2	33.802	17	17			17	N/A	N/A	Lateral
404	LFRS157	WALL xbr 2	33.802	17	17			17	N/A	N/A	Lateral
405	LFRS158	WALL xbr 3	33.802	17	17			17	N/A	N/A	Lateral
406	LFRS159	WALL xbr 3	33.802	17	17			17	N/A	N/A	Lateral
407	LFRS160	WALL xbr 3	33.802	17	17			17	N/A	N/A	Lateral
408	LFRS161	WALL xbr 1	19.347	9	9			9	N/A	N/A	Lateral
409	LFRS162	WALL xbr 2	17.221			Lbyy			N/A	N/A	Lateral
410	LFRS163	WALL strut typ	25.821			Lbyy			N/A	N/A	Lateral
411	LFRS164	WALL xbr 3	18.133	9	9			9	N/A	N/A	Lateral
412	LFRS165	WALL xbr 1	13.028	7	7			7	N/A	N/A	Lateral
413	LFRS166	WALL xbr 3	34.14	17	17			17	N/A	N/A	Lateral
414	LFRS167	WALL strut xbr 4	25			Lbyy			N/A	N/A	Lateral
415	LFRS168	WALL xbr 3	34.14	17	17			17	N/A	N/A	Lateral
416	LFRS169	WALL strut typ	25			Lbyy			N/A	N/A	Lateral
417	LFRS170	WALL strut xbr 3	25			Lbyy			N/A	N/A	Lateral
418	LFRS171	WALL xbr 2	34.14	17	17			17	N/A	N/A	Lateral
419	LFRS172	WALL xbr 2	34.14	17	17			17	N/A	N/A	Lateral

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length [ft]	Lb y-y [ft]	Lb z-z [ft]	Lcomp top [ft]	Lcomp bot [ft]	L-Torque [ft]	Channel Conn.	a [ft]	Function
420	LFRS173	WALL strut typ	25			Lbyy			N/A	N/A	Lateral
421	LFRS174	WALL strut typ	25			Lbyy			N/A	N/A	Lateral
422	LFRS175	WALL strut typ	25			Lbyy			N/A	N/A	Lateral
423	LFRS176	WALL xbr 2	34.14	17	17			17	N/A	N/A	Lateral
424	LFRS177	WALL strut typ	21.625			Lbyy			N/A	N/A	Lateral
425	LFRS178	WALL strut typ	23.375			Lbyy			N/A	N/A	Lateral
426	LFRS179	WALL strut typ	25			Lbyy			N/A	N/A	Lateral
427	LFRS180	WALL xbr 3	34.14	17	17			17	N/A	N/A	Lateral
428	LFRS181	WALL xbr 3	34.14	17	17			17	N/A	N/A	Lateral
429	LFRS182	WALL strut xbr 4	25			Lbyy			N/A	N/A	Lateral
430	LFRS183	WALL xbr 3	34.14	17	17			17	N/A	N/A	Lateral
431	LFRS184	WALL strut xbr 3	24.25			Lbyy			N/A	N/A	Lateral
432	LFRS185	WALL strut typ	23.375			Lbyy			N/A	N/A	Lateral
433	LFRS186	WALL strut typ	25			Lbyy			N/A	N/A	Lateral
434	LFRS187	WALL strut xbr 3	25			Lbyy			N/A	N/A	Lateral
435	LFRS188	WALL strut typ	25			Lbyy			N/A	N/A	Lateral
436	LFRS189	WALL strut xbr 3	25			Lbyy			N/A	N/A	Lateral
437	LFRS190	WALL strut typ	25			Lbyy			N/A	N/A	Lateral
438	LFRS191	WALL strut typ	21.625			Lbyy			N/A	N/A	Lateral
439	LFRS192	WALL strut typ	23.375			Lbyy			N/A	N/A	Lateral
440	LFRS193	WALL strut typ	11.75			Lbyy			N/A	N/A	Lateral
441	LFRS194	WALL strut typ	25			Lbyy			N/A	N/A	Lateral
442	LFRS195	WALL strut typ	25			Lbyy			N/A	N/A	Lateral
443	LFRS196	WALL strut xbr 4	25			Lbyy			N/A	N/A	Lateral
444	LFRS197	WALL strut typ	15.125			Lbyy			N/A	N/A	Lateral
445	LFRS198	WALL xbr 3	16.013	8	8			8	N/A	N/A	Lateral
446	LFRS199	WALL strut xbr 3	25	Segment				Segment	N/A	N/A	Lateral
447	LFRS200	WALL strut xbr 1	8.25			Lbyy			N/A	N/A	Lateral
448	LFRS201	WALL xbr 1	14.255	7	7			7	N/A	N/A	Lateral
449	LFRS202	WALL xbr 1	13.028	7	7			7	N/A	N/A	Lateral
450	LFRS203	DOOR bm 1	8.25			Lbyy			N/A	N/A	Lateral
451	LFRS204	WALL xbr 1	14.255	7	7			7	N/A	N/A	Lateral
452	LFRS205	WALL strut xbr 1	8.25			Lbyy			N/A	N/A	Lateral
453	LFRS206	WALL strut xbr 3	25	Segment				Segment	N/A	N/A	Lateral
454	PARAPET1	COL parapet	4.833			Lbyy			N/A	N/A	Lateral
455	PARAPET2	COL parapet	4.833			Lbyy			N/A	N/A	Lateral
456	PARAPET3	COL parapet	4.833			Lbyy			N/A	N/A	Lateral
457	PARAPET4	COL parapet	4.833			Lbyy			N/A	N/A	Lateral
458	PARAPET5	COL parapet	4.833			Lbyy			N/A	N/A	Lateral
459	PARAPET6	COL parapet	4.833			Lbyy			N/A	N/A	Lateral
460	SCREEN10	ROOF screen 4	16			Lbyy			N/A	N/A	Lateral
461	SCREEN11	ROOF screen 3	3.5			Lbyy			N/A	N/A	Lateral
462	SCREEN12	ROOF screen 4	15			Lbyy			N/A	N/A	Lateral
463	SCREEN13	ROOF screen 4	16			Lbyy			N/A	N/A	Lateral
464	SCREEN14	ROOF screen 1	7.062			Lbyy			N/A	N/A	Lateral
465	SCREEN15	ROOF screen 3	15			Lbyy			N/A	N/A	Lateral
466	SCREEN16	ROOF screen 2	7.729			Lbyy			N/A	N/A	Lateral
467	SCREEN17	ROOF screen 1	7.729			Lbyy			N/A	N/A	Lateral
468	SCREEN18	ROOF screen 1	7.062			Lbyy			N/A	N/A	Lateral
469	SCREEN19	ROOF screen 1	7.729			Lbyy			N/A	N/A	Lateral
470	SCREEN20	ROOF screen 2	7.729			Lbyy			N/A	N/A	Lateral
471	SCREEN21	ROOF screen 3	16			Lbyy			N/A	N/A	Lateral
472	SCREEN22	ROOF screen 3	16			Lbyy			N/A	N/A	Lateral
473	SCREEN23	ROOF screen 3	25			Lbyy			N/A	N/A	Lateral
474	SCREEN24	ROOF screen 4	3.5			Lbyy			N/A	N/A	Lateral
475	SCREEN25	ROOF screen 4	25			Lbyy			N/A	N/A	Lateral
476	TRUSS10	DOOR soffit	1.5			Lbyy			N/A	N/A	Lateral
477	TRUSS11	TRUSS vert 3	17.5	Segment	Segment	Segment	Segment	Segment	N/A	N/A	Lateral
478	TRUSS12	TRUSS vert 2	17.5	Segment	Segment	Segment	Segment	Segment	N/A	N/A	Lateral
479	TRUSS13	TRUSS bot 1.11	34.125	25	25	25	25	25	N/A	N/A	Lateral
480	TRUSS14	TRUSS bot 2	50	25	25	25	25	25	N/A	N/A	Lateral
481	TRUSS15	TRUSS diag 2	30.516			Lbyy			N/A	N/A	Lateral
482	TRUSS16	TRUSS vert 3	17.5	Segment	Segment	Segment	Segment	Segment	N/A	N/A	Lateral
483	TRUSS17	TRUSS vert 4	17.5	Segment	Segment	Segment	Segment	Segment	N/A	N/A	Lateral
484	TRUSS18	TRUSS bot 1.2	39.125	25	25	25	25	25	N/A	N/A	Lateral
485	TRUSS19	TRUSS diag 4	30.516			Lbyy			N/A	N/A	Lateral
486	TRUSS20	TRUSS vert 1	17.5	Segment	Segment	Segment	Segment	Segment	N/A	N/A	Lateral
487	TRUSS21	TRUSS vert 4	17.5	Segment	Segment	Segment	Segment	Segment	N/A	N/A	Lateral

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length [ft]	Lb y-y [ft]	Lb z-z [ft]	Lcomp top [ft]	Lcomp bot [ft]	L-Torque [ft]	Channel Conn.	a [ft]	Function
488	TRUSS22	TRUSS diag 2	30.516			Lbyy			N/A	N/A	Lateral
489	TRUSS23	DOOR soffit	1.5			Lbyy			N/A	N/A	Lateral
490	TRUSS24	TRUSS diag 3	30.516			Lbyy			N/A	N/A	Lateral
491	TRUSS25	TRUSS vert 5	17.5	Segment	Segment	Segment	Segment	Segment	N/A	N/A	Lateral
492	TRUSS26	TRUSS diag 5	21.506			Lbyy			N/A	N/A	Lateral
493	TRUSS27	DOOR soffit	1.5			Lbyy			N/A	N/A	Lateral
494	TRUSS28	TRUSS top 2	50	25	25	25	25	25	N/A	N/A	Lateral
495	TRUSS29	TRUSS bot 3	50	25	25	25	25	25	N/A	N/A	Lateral
496	TRUSS30	DOOR soffit	1.5			Lbyy			N/A	N/A	Lateral
497	TRUSS31	TRUSS vert 2	17.5	Segment	Segment	Segment	Segment	Segment	N/A	N/A	Lateral
498	TRUSS32	TRUSS top 2	50	25	25	25	25	25	N/A	N/A	Lateral
499	TRUSS33	TRUSS diag 5	21.506			Lbyy			N/A	N/A	Lateral
500	TRUSS34	TRUSS diag 4	30.516			Lbyy			N/A	N/A	Lateral
501	TRUSS35	TRUSS diag 3	30.516			Lbyy			N/A	N/A	Lateral
502	TRUSS36	TRUSS vert 1	17.5	Segment	Segment	Segment	Segment	Segment	N/A	N/A	Lateral
503	TRUSS37	TRUSS diag 1.11	27.819			Lbyy			N/A	N/A	Lateral
504	TRUSS38	TRUSS top 1	34.125	25	25	25	25	25	N/A	N/A	Lateral
505	TRUSS39	DOOR soffit	1.5			Lbyy			N/A	N/A	Lateral
506	TRUSS40	DOOR soffit	1.5			Lbyy			N/A	N/A	Lateral
507	TRUSS41	DOOR soffit	1.5			Lbyy			N/A	N/A	Lateral
508	TRUSS42	DOOR soffit	1.5			Lbyy			N/A	N/A	Lateral
509	TRUSS43	TRUSS diag 1.2	31.861			Lbyy			N/A	N/A	Lateral
510	TRUSS44	TRUSS top 1	39.125	25	25	25	25	25	N/A	N/A	Lateral
511	TRUSS45	TRUSS bot 2	50	25	25	25	25	25	N/A	N/A	Lateral
512	X_DOOR100	x_DOOR ro	25			Lbyy			N/A	N/A	Lateral
513	X_DOOR101	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
514	X_DOOR102	x_DOOR rail	8.666			Lbyy			N/A	N/A	Lateral
515	X_DOOR103	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
516	X_DOOR104	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
517	X_DOOR105	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
518	X_DOOR106	x_DOOR rail	7.791			Lbyy			N/A	N/A	Lateral
519	X_DOOR107	x_DOOR rail	7.208			Lbyy			N/A	N/A	Lateral
520	X_DOOR108	x_DOOR rail	7.208			Lbyy			N/A	N/A	Lateral
521	X_DOOR109	x_DOOR rail	8.917			Lbyy			N/A	N/A	Lateral
522	X_DOOR110	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
523	X_DOOR111	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
524	X_DOOR112	x_DOOR rail	8.666			Lbyy			N/A	N/A	Lateral
525	X_DOOR113	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
526	X_DOOR114	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
527	X_DOOR115	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
528	X_DOOR116	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
529	X_DOOR117	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
530	X_DOOR118	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
531	X_DOOR119	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
532	X_DOOR120	x_DOOR rail	7.208			Lbyy			N/A	N/A	Lateral
533	X_DOOR121	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
534	X_DOOR122	x_DOOR rail	8.916			Lbyy			N/A	N/A	Lateral
535	X_DOOR123	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
536	X_DOOR124	x_DOOR ro	26.625			Lbyy			N/A	N/A	Lateral
537	X_DOOR125	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
538	X_DOOR126	x_DOOR rail	2.375			Lbyy			N/A	N/A	Lateral
539	X_DOOR127	x_DOOR rail	8.917			Lbyy			N/A	N/A	Lateral
540	X_DOOR128	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
541	X_DOOR129	x_DOOR ro	25			Lbyy			N/A	N/A	Lateral
542	X_DOOR130	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
543	X_DOOR131	x_DOOR rail	2.375			Lbyy			N/A	N/A	Lateral
544	X_DOOR132	x_DOOR rail	7.208			Lbyy			N/A	N/A	Lateral
545	X_DOOR133	x_DOOR rail	7.791			Lbyy			N/A	N/A	Lateral
546	X_DOOR134	x_DOOR rail	7.792			Lbyy			N/A	N/A	Lateral
547	X_DOOR135	x_DOOR rail	7.208			Lbyy			N/A	N/A	Lateral
548	X_DOOR136	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
549	X_DOOR137	x_DOOR rail	7.208			Lbyy			N/A	N/A	Lateral
550	X_DOOR138	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
551	X_DOOR139	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
552	X_DOOR140	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
553	X_DOOR141	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
554	X_DOOR142	x_DOOR rail	7.208			Lbyy			N/A	N/A	Lateral
555	X_DOOR143	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length [ft]	Lb y-y [ft]	Lb z-z [ft]	Lcomp top [ft]	Lcomp bot [ft]	L-Torque [ft]	Channel Conn.	a [ft]	Function
556	X_DOOR144	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
557	X_DOOR145	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
558	X_DOOR146	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
559	X_DOOR147	x_DOOR rail	7.208			Lbyy			N/A	N/A	Lateral
560	X_DOOR148	x_DOOR rail	8.917			Lbyy			N/A	N/A	Lateral
561	X_DOOR149	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
562	X_DOOR150	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
563	X_DOOR151	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
564	X_DOOR152	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
565	X_DOOR153	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
566	X_DOOR154	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
567	X_DOOR155	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
568	X_DOOR156	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
569	X_DOOR157	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
570	X_DOOR158	x_DOOR rail	8.666			Lbyy			N/A	N/A	Lateral
571	X_DOOR159	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
572	X_DOOR160	x_DOOR rail	7.791			Lbyy			N/A	N/A	Lateral
573	X_DOOR161	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
574	X_DOOR162	x_DOOR rail	8.917			Lbyy			N/A	N/A	Lateral
575	X_DOOR163	x_DOOR ro	25			Lbyy			N/A	N/A	Lateral
576	X_DOOR164	x_DOOR rail	8.916			Lbyy			N/A	N/A	Lateral
577	X_DOOR165	x_DOOR rail	7.208			Lbyy			N/A	N/A	Lateral
578	X_DOOR166	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
579	X_DOOR167	x_DOOR rail	7.208			Lbyy			N/A	N/A	Lateral
580	X_DOOR168	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
581	X_DOOR169	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
582	X_DOOR170	x_DOOR rail	7.208			Lbyy			N/A	N/A	Lateral
583	X_DOOR171	x_DOOR rail	7.208			Lbyy			N/A	N/A	Lateral
584	X_DOOR172	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
585	X_DOOR173	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
586	X_DOOR174	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
587	X_DOOR175	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
588	X_DOOR176	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
589	X_DOOR177	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
590	X_DOOR178	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
591	X_DOOR179	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
592	X_DOOR180	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
593	X_DOOR181	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
594	X_DOOR182	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
595	X_DOOR183	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
596	X_DOOR184	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
597	X_DOOR185	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
598	X_DOOR186	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
599	X_DOOR187	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
600	X_DOOR188	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
601	X_DOOR189	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
602	X_DOOR190	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
603	X_DOOR191	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
604	X_DOOR192	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
605	X_DOOR193	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
606	X_DOOR194	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
607	X_DOOR195	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
608	X_DOOR196	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
609	X_DOOR197	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
610	X_DOOR198	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
611	X_DOOR199	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
612	X_DOOR200	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
613	X_DOOR201	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
614	X_DOOR202	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
615	X_DOOR203	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
616	X_DOOR204	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
617	X_DOOR205	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
618	X_DOOR206	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
619	X_DOOR207	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
620	X_DOOR208	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
621	X_DOOR209	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
622	X_DOOR210	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
623	X_DOOR211	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length [ft]	Lb y-y [ft]	Lb z-z [ft]	Lcomp top [ft]	Lcomp bot [ft]	L-Torque [ft]	Channel Conn.	a [ft]	Function
624	X_DOOR212	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
625	X_DOOR213	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
626	X_DOOR214	x_DOOR rail	8.333			Lbyy			N/A	N/A	Lateral
627	X_DOOR215	x_DOOR rail	7.792			Lbyy			N/A	N/A	Lateral
628	X_DOOR216	x_DOOR rail	7.791			Lbyy			N/A	N/A	Lateral
629	X_DOOR217	x_DOOR rail	8.666			Lbyy			N/A	N/A	Lateral
630	X_DOOR218	x_DOOR rail	7.792			Lbyy			N/A	N/A	Lateral
631	X_DOOR219	x_DOOR rail	7.792			Lbyy			N/A	N/A	Lateral
632	X_DOOR220	x_DOOR rail	8.916			Lbyy			N/A	N/A	Lateral
633	X_DOOR221	x_DOOR rail	8.917			Lbyy			N/A	N/A	Lateral
634	X_DOOR222	x_DOOR rail	8.916			Lbyy			N/A	N/A	Lateral
635	X_DOOR223	x_DOOR rail	8.917			Lbyy			N/A	N/A	Lateral
636	X_DOOR224	x_DOOR rail	8.917			Lbyy			N/A	N/A	Lateral
637	X_DOOR225	x_DOOR rail	8.917			Lbyy			N/A	N/A	Lateral
638	X_DOOR226	x_DOOR ro	21.625			Lbyy			N/A	N/A	Lateral
639	X_DOOR227	x_DOOR ro	25			Lbyy			N/A	N/A	Lateral
640	X_DOOR228	x_DOOR ro	25			Lbyy			N/A	N/A	Lateral
641	X_DOOR229	x_DOOR ro	25			Lbyy			N/A	N/A	Lateral
642	X_DOOR230	x_DOOR ro	25			Lbyy			N/A	N/A	Lateral
643	X_DOOR231	x_DOOR rail	2.375			Lbyy			N/A	N/A	Lateral
644	X_DOOR232	x_DOOR rail	2.375			Lbyy			N/A	N/A	Lateral
645	M678	CANOPY bm	13.333			Lbyy			N/A	N/A	Lateral
646	M679	CANOPY outrigger	5.25			Lbyy			N/A	N/A	Lateral
647	M680	CANOPY bm	13.333			Lbyy			N/A	N/A	Lateral
648	M681	CANOPY outrigger	5.25			Lbyy			N/A	N/A	Lateral
649	M682	COL office	12.667						N/A	N/A	Lateral
650	M683	TRUSS top 3	50	25	25	25	25	25	N/A	N/A	Lateral
651	M673	3PL 5678mid	27.515	25	146.878	5	25	25	N/A	N/A	Lateral
652	M674	3PL 5678int	27.515	25	146.878	5	25	25	N/A	N/A	Lateral
653	M675	3PL 11mid	27.515	25	146.878	5	25	25	N/A	N/A	Lateral
654	M676	3PL 11int	27.515	25	146.878	5	25	25	N/A	N/A	Lateral
655	M677	3PL 5678mid	27.515	25	146.878	5	25	25	N/A	N/A	Lateral
656	M684	3PL 5678int	27.515	25	146.878	5	25	25	N/A	N/A	Lateral
657	M685	3PL 49mid	27.515	25	146.878	5	25	25	N/A	N/A	Lateral
658	M686	3PL 49int	27.515	25	146.878	5	25	25	N/A	N/A	Lateral
659	M687	3PL 3mid	27.515	25	146.878	5	25	25	N/A	N/A	Lateral
660	M688	3PL 3int	27.515	25	146.878	5	25	25	N/A	N/A	Lateral
661	M689	3PL 5678mid	27.515	25	146.878	5	25	25	N/A	N/A	Lateral
662	M690	3PL 5678int	27.515	25	146.878	5	25	25	N/A	N/A	Lateral
663	M691	3PL 5678mid	27.515	25	146.878	5	25	25	N/A	N/A	Lateral
664	M692	3PL 5678int	27.515	25	146.878	5	25	25	N/A	N/A	Lateral
665	M693	3PL 49mid	27.515	25	146.878	5	25	25	N/A	N/A	Lateral
666	M694	3PL 49int	27.515	25	146.878	5	25	25	N/A	N/A	Lateral
667	M695	3PL 10mid	27.515	25	146.878	5	25	25	N/A	N/A	Lateral
668	M696	3PL 10int	27.515	25	146.878	5	25	25	N/A	N/A	Lateral
669	M672	CANOPY outrigger	5.75			Lbyy			N/A	N/A	Lateral
670	M697	CANOPY outrigger	5.75			Lbyy			N/A	N/A	Lateral
671	M698	CANOPY bm	4.25			Lbyy			N/A	N/A	Lateral
672	M699	CANOPY bm	4.25			Lbyy			N/A	N/A	Lateral
673	M700	CANOPY outrigger	5.75			Lbyy			N/A	N/A	Lateral
674	M701	CANOPY outrigger	5.75			Lbyy			N/A	N/A	Lateral
675	M702	CANOPY bm	25			Lbyy			N/A	N/A	Lateral
676	M703	CANOPY bm	25			Lbyy			N/A	N/A	Lateral
677	M704	CANOPY outrigger	5.75			Lbyy			N/A	N/A	Lateral
678	M705	CANOPY outrigger	5.75			Lbyy			N/A	N/A	Lateral
679	M706	CANOPY bm	25			Lbyy			N/A	N/A	Lateral
680	M707	CANOPY bm	25			Lbyy			N/A	N/A	Lateral
681	M708	CANOPY outrigger	5.75			Lbyy			N/A	N/A	Lateral
682	M710	CANOPY bm	25			Lbyy			N/A	N/A	Lateral
683	M711	CANOPY bm	25			Lbyy			N/A	N/A	Lateral
684	M709	CANOPY outrigger	4			Lbyy			N/A	N/A	Lateral
685	M712	CANOPY bm	25			Lbyy			N/A	N/A	Lateral
686	M713	CANOPY bm	25			Lbyy			N/A	N/A	Lateral

Design Size and Code Check Parameters

	Label	Max Depth [in]	Min Depth [in]	Max Width [in]	Min Width [in]	Max Axial/Bending Chk	Max Shear Chk
1	Typ					1	1
2	Office Bm					1	1
3	GIRDER 3PL	60	60			0.945	0.945
4	HSS 4" to 6"	6	4	6	4	1	1
5	HSS 6" to 8"	8	6	8	6	1	1
6	HSS 8" to 10"	10	8	10	8	1	1
7	HSS 10" to 12"	12	10	12	10	1	1
8	ANGLE 3"	3	3	3	3	1	1
9	ANGLE 3.5"	3.5	3.5	3.5	3.5	1	1
10	ANGLE 4"	4	4	4	4	1	1
11	ANGLE 5"	5	5	5	5	1	1
12	ANGLE 6"	6	6	6	6	1	1
13	ANGLE 8"	8	8	8	8	1	1
14	ANGLE 10"	10	10	10	10	1	1
15	GIRDER 3PL_1	60	60			0.955	0.955

Deflection Design

	Label	LC	Ratio	LC	Ratio	LC	Ratio
1	Typ	1	120	1	180	1	120
2	Office Bm	137	180	138	240	139	180
3	GIRDER 3PL	1	120	1	180	1	120
4	HSS 4" to 6"	1	120	1	180	1	120
5	HSS 6" to 8"	1	120	1	180	1	120
6	HSS 8" to 10"	1	120	1	180	1	120
7	HSS 10" to 12"	1	120	1	180	1	120
8	ANGLE 3"	1	120	1	180	1	120
9	ANGLE 3.5"	1	120	1	180	1	120
10	ANGLE 4"	1	120	1	180	1	120
11	ANGLE 5"	1	120	1	180	1	120
12	ANGLE 6"	1	120	1	180	1	120
13	ANGLE 8"	1	120	1	180	1	120
14	ANGLE 10"	1	120	1	180	1	120
15	GIRDER 3PL_1	1	120	1	180	1	120

Member Point Loads (BLC 5 : Equipment)

	Member Label	Direction	Magnitude [k, kip-in]	Location [(ft, %)]
1	DIAPH132	y	-0.25	11.5
2	DIAPH197	y	-0.25	20.5

Member Distributed Loads (BLC 8 : Seismic Wt X)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	TRUSS13	X	-112.5	-112.5	0	%100
2	TRUSS14	X	-112.5	-112.5	0	%100
3	TRUSS29	X	-112.5	-112.5	0	%100
4	TRUSS45	X	-112.5	-112.5	0	%100
5	TRUSS18	X	-112.5	-112.5	0	%100

Member Distributed Loads (BLC 9 : Seismic Wt Z)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	TRUSS13	Z	-112.5	-112.5	0	%100
2	TRUSS14	Z	-112.5	-112.5	0	%100
3	TRUSS29	Z	-112.5	-112.5	0	%100
4	TRUSS45	Z	-112.5	-112.5	0	%100
5	TRUSS18	Z	-112.5	-112.5	0	%100

Member Distributed Loads (BLC 13 : Wind Z-)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	TRUSS13	Z	-315	-315	0	%100
2	TRUSS14	Z	-315	-315	0	%100
3	TRUSS29	Z	-315	-315	0	%100
4	TRUSS45	Z	-315	-315	0	%100

Member Distributed Loads (BLC 13 : Wind Z-) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
5	TRUSS18	Z	-315	-315	0	%100

Member Distributed Loads (BLC 14 : Wind Door Z+ Encl)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	TRUSS13	Z	473	473	0	%100
2	TRUSS14	Z	473	473	0	%100
3	TRUSS29	Z	473	473	0	%100
4	TRUSS45	Z	473	473	0	%100
5	TRUSS18	Z	473	473	0	%100

Member Distributed Loads (BLC 20 : Wind Enclosed Int+)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	TRUSS13	Z	-133	-133	0	%100
2	TRUSS14	Z	-133	-133	0	%100
3	TRUSS29	Z	-133	-133	0	%100
4	TRUSS45	Z	-133	-133	0	%100
5	TRUSS18	Z	-133	-133	0	%100

Member Distributed Loads (BLC 21 : Wind Part Encl Int+)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	TRUSS13	Z	-407	-407	0	27.5

Member Distributed Loads (BLC 22 : Wind X Sidewall)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	TRUSS13	Z	-441	-441	0	%100
2	TRUSS14	Z	-441	-441	0	%100
3	TRUSS29	Z	-441	-441	0	%100
4	TRUSS45	Z	-441	-441	0	%100
5	TRUSS18	Z	-441	-441	0	%100

Member Distributed Loads (BLC 27 : Wind Z- Torsion)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	TRUSS18	Z	189	189	0	%100
2	TRUSS45	Z	189	189	0	%100
3	TRUSS29	Z	189	189	37.5	%100
4	TRUSS29	Z	-189	-189	0	37.5
5	TRUSS14	Z	-189	-189	0	%100
6	TRUSS13	Z	-189	-189	0	%100

Member Distributed Loads (BLC 28 : Wind Door Z+ Torsion Encl)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	TRUSS13	Z	284	284	0	%100
2	TRUSS14	Z	284	284	0	%100
3	TRUSS29	Z	284	284	0	37.5
4	TRUSS29	Z	-284	-284	37.5	%100
5	TRUSS45	Z	-284	-284	0	%100
6	TRUSS18	Z	-284	-284	0	%100

Member Distributed Loads (BLC 33 : Wind Door Z+ Part)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	TRUSS13	Z	473	473	0	27.5

Member Distributed Loads (BLC 34 : Wind Door Z+ Torsion Part)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	TRUSS13	Z	284	284	0	27.5

Member Distributed Loads (BLC 36 : BLC 1 Transient Area Loads)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	DIAPH227	Y	-50.969	-50.969	0	8.257
2	EDGE12	Y	-46.813	-46.813	0	8.257
3	EDGE43	Y	-4.156	-4.156	0	8.257
4	BM10	Y	-87.508	-87.508	0	2.01
5	BM10	Y	-87.508	-87.508	2.01	4.021
6	BM10	Y	-87.508	-87.508	4.021	6.031
7	BM10	Y	-87.508	-87.508	6.031	8.042
8	BM10	Y	-87.508	-87.508	8.042	10.052
9	BM10	Y	-87.508	-87.508	10.052	12.063
10	BM10	Y	-87.508	-87.508	12.063	14.073
11	BM10	Y	-87.508	-87.508	14.073	16.084
12	BM10	Y	-87.508	-87.508	16.084	18.094
13	BM10	Y	-87.508	-87.508	18.094	20.104
14	BM10	Y	-87.508	-87.508	20.104	22.115
15	BM10	Y	-87.508	-87.508	22.115	24.125
16	BM10	Y	-87.508	-87.508	24.125	26.136
17	BM10	Y	-87.508	-87.404	26.136	28.146
18	BM10	Y	-87.404	-87.042	28.146	30.157
19	BM10	Y	-87.042	-86.529	30.157	32.167
20	BM11	Y	-85.872	-85.872	0	2.01
21	BM11	Y	-85.872	-85.872	2.01	4.021
22	BM11	Y	-85.872	-85.872	4.021	6.031
23	BM11	Y	-85.872	-85.872	6.031	8.042
24	BM11	Y	-85.872	-85.872	8.042	10.052
25	BM11	Y	-85.872	-85.929	10.052	12.063
26	BM11	Y	-85.929	-86.09	12.063	14.073
27	BM11	Y	-86.09	-86.295	14.073	16.084
28	BM11	Y	-86.295	-86.513	16.084	18.094
29	BM11	Y	-86.513	-86.677	18.094	20.104
30	BM11	Y	-86.677	-86.736	20.104	22.115
31	BM11	Y	-86.736	-86.759	22.115	24.125
32	BM11	Y	-86.759	-86.765	24.125	26.136
33	BM11	Y	-86.765	-86.686	26.136	28.146
34	BM11	Y	-86.686	-86.437	28.146	30.157
35	BM11	Y	-86.437	-86.085	30.157	32.167
36	BM12	Y	-87.508	-87.508	0	2.01
37	BM12	Y	-87.508	-87.508	2.01	4.021
38	BM12	Y	-87.508	-87.508	4.021	6.031
39	BM12	Y	-87.508	-87.508	6.031	8.042
40	BM12	Y	-87.508	-87.508	8.042	10.052
41	BM12	Y	-87.508	-87.508	10.052	12.063
42	BM12	Y	-87.508	-87.508	12.063	14.073
43	BM12	Y	-87.508	-87.508	14.073	16.084
44	BM12	Y	-87.508	-87.508	16.084	18.094
45	BM12	Y	-87.508	-87.508	18.094	20.104
46	BM12	Y	-87.508	-87.508	20.104	22.115
47	BM12	Y	-87.508	-87.508	22.115	24.125
48	BM12	Y	-87.508	-87.508	24.125	26.136
49	BM12	Y	-87.508	-87.404	26.136	28.146
50	BM12	Y	-87.404	-87.042	28.146	30.157
51	BM12	Y	-87.042	-86.529	30.157	32.167
52	BM13	Y	-87.508	-87.508	0	2.01
53	BM13	Y	-87.508	-87.508	2.01	4.021
54	BM13	Y	-87.508	-87.508	4.021	6.031
55	BM13	Y	-87.508	-87.508	6.031	8.042
56	BM13	Y	-87.508	-87.508	8.042	10.052
57	BM13	Y	-87.508	-87.508	10.052	12.063
58	BM13	Y	-87.508	-87.508	12.063	14.073
59	BM13	Y	-87.508	-87.508	14.073	16.084
60	BM13	Y	-87.508	-87.508	16.084	18.094
61	BM13	Y	-87.508	-87.508	18.094	20.104
62	BM13	Y	-87.508	-87.508	20.104	22.115
63	BM13	Y	-87.508	-87.508	22.115	24.125
64	BM13	Y	-87.508	-87.508	24.125	26.136
65	BM13	Y	-87.508	-87.404	26.136	28.146
66	BM13	Y	-87.404	-87.042	28.146	30.157
67	BM13	Y	-87.042	-86.529	30.157	32.167
68	BM14	Y	-87.508	-87.508	0	2.01

Member Distributed Loads (BLC 36 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
69	BM14	Y	-87.508	-87.508	2.01	4.021
70	BM14	Y	-87.508	-87.508	4.021	6.031
71	BM14	Y	-87.508	-87.508	6.031	8.042
72	BM14	Y	-87.508	-87.508	8.042	10.052
73	BM14	Y	-87.508	-87.508	10.052	12.063
74	BM14	Y	-87.508	-87.508	12.063	14.073
75	BM14	Y	-87.508	-87.508	14.073	16.084
76	BM14	Y	-87.508	-87.508	16.084	18.094
77	BM14	Y	-87.508	-87.508	18.094	20.104
78	BM14	Y	-87.508	-87.508	20.104	22.115
79	BM14	Y	-87.508	-87.508	22.115	24.125
80	BM14	Y	-87.508	-87.508	24.125	26.136
81	BM14	Y	-87.508	-87.404	26.136	28.146
82	BM14	Y	-87.404	-87.042	28.146	30.157
83	BM14	Y	-87.042	-86.529	30.157	32.167
84	BM15	Y	-58.252	-58.252	0	2.01
85	BM15	Y	-58.252	-58.252	2.01	4.021
86	BM15	Y	-58.252	-58.252	4.021	6.031
87	BM15	Y	-58.252	-58.252	6.031	8.042
88	BM15	Y	-58.252	-58.257	8.042	10.052
89	BM15	Y	-58.257	-58.329	10.052	12.063
90	BM15	Y	-58.329	-58.521	12.063	14.073
91	BM15	Y	-58.521	-58.819	14.073	16.084
92	BM15	Y	-58.819	-59.235	16.084	18.094
93	BM15	Y	-59.235	-59.558	18.094	20.104
94	BM15	Y	-59.558	-59.42	20.104	22.115
95	BM15	Y	-59.42	-58.951	22.115	24.125
96	BM15	Y	-58.951	-58.52	24.125	26.136
97	BM15	Y	-58.52	-58.213	26.136	28.146
98	BM15	Y	-58.213	-58.051	28.146	30.157
99	BM15	Y	-58.051	-57.971	30.157	32.167
100	BM18	Y	-87.503	-87.503	0.017	32.162
101	BM20	Y	-54.907	-55.085	0	2.117
102	BM20	Y	-55.085	-55.411	2.117	4.233
103	BM20	Y	-55.411	-63.618	4.233	6.35
104	BM20	Y	-63.618	-64.103	6.35	8.466
105	BM20	Y	-64.103	-56.275	8.466	10.583
106	BM20	Y	-56.275	-55.641	10.583	12.699
107	BM20	Y	-55.641	-55.094	12.699	14.816
108	BM20	Y	-55.094	-54.645	14.816	16.932
109	BM20	Y	-54.645	-63.922	16.932	19.049
110	BM20	Y	-63.922	-67.719	19.049	21.165
111	BM20	Y	-67.719	-58.093	21.165	23.282
112	BM20	Y	-58.093	-54.139	23.282	25.398
113	BM20	Y	-54.139	-54.139	25.398	27.515
114	BM21	Y	-82.168	-81.683	0	2.117
115	BM21	Y	-81.683	-81.34	2.117	4.233
116	BM21	Y	-81.34	-101.553	4.233	6.35
117	BM21	Y	-101.553	-101.553	6.35	8.466
118	BM21	Y	-101.553	-81.241	8.466	10.583
119	BM21	Y	-81.241	-81.241	10.583	12.699
120	BM21	Y	-81.241	-81.241	12.699	14.816
121	BM21	Y	-81.241	-81.241	14.816	16.932
122	BM21	Y	-81.241	-101.553	16.932	19.049
123	BM21	Y	-101.553	-101.553	19.049	21.165
124	BM21	Y	-101.553	-81.241	21.165	23.282
125	BM21	Y	-81.241	-81.241	23.282	25.398
126	BM21	Y	-81.241	-81.241	25.398	27.515
127	BM22	Y	-87.503	-87.503	0.017	32.162
128	BM24	Y	-82.168	-81.683	0	2.117
129	BM24	Y	-81.683	-81.34	2.117	4.233
130	BM24	Y	-81.34	-101.553	4.233	6.35
131	BM24	Y	-101.553	-101.553	6.35	8.466
132	BM24	Y	-101.553	-81.241	8.466	10.583
133	BM24	Y	-81.241	-81.241	10.583	12.699
134	BM24	Y	-81.241	-81.241	12.699	14.816
135	BM24	Y	-81.241	-81.241	14.816	16.932
136	BM24	Y	-81.241	-101.553	16.932	19.049

Member Distributed Loads (BLC 36 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
137	BM24	Y	-101.553	-101.553	19.049	21.165
138	BM24	Y	-101.553	-81.241	21.165	23.282
139	BM24	Y	-81.241	-81.241	23.282	25.398
140	BM24	Y	-81.241	-81.241	25.398	27.515
141	BM25	Y	-82.168	-81.683	0	2.117
142	BM25	Y	-81.683	-81.34	2.117	4.233
143	BM25	Y	-81.34	-101.553	4.233	6.35
144	BM25	Y	-101.553	-101.553	6.35	8.466
145	BM25	Y	-101.553	-81.241	8.466	10.583
146	BM25	Y	-81.241	-81.241	10.583	12.699
147	BM25	Y	-81.241	-81.241	12.699	14.816
148	BM25	Y	-81.241	-81.241	14.816	16.932
149	BM25	Y	-81.241	-101.553	16.932	19.049
150	BM25	Y	-101.553	-101.553	19.049	21.165
151	BM25	Y	-101.553	-81.241	21.165	23.282
152	BM25	Y	-81.241	-81.241	23.282	25.398
153	BM25	Y	-81.241	-81.241	25.398	27.515
154	BM27	Y	-82.168	-81.683	0	2.117
155	BM27	Y	-81.683	-81.34	2.117	4.233
156	BM27	Y	-81.34	-101.553	4.233	6.35
157	BM27	Y	-101.553	-101.553	6.35	8.466
158	BM27	Y	-101.553	-81.241	8.466	10.583
159	BM27	Y	-81.241	-81.241	10.583	12.699
160	BM27	Y	-81.241	-81.241	12.699	14.816
161	BM27	Y	-81.241	-81.241	14.816	16.932
162	BM27	Y	-81.241	-101.553	16.932	19.049
163	BM27	Y	-101.553	-101.553	19.049	21.165
164	BM27	Y	-101.553	-81.241	21.165	23.282
165	BM27	Y	-81.241	-81.241	23.282	25.398
166	BM27	Y	-81.241	-81.241	25.398	27.515
167	BM32	Y	-87.508	-87.508	0	2.01
168	BM32	Y	-87.508	-87.508	2.01	4.021
169	BM32	Y	-87.508	-87.508	4.021	6.031
170	BM32	Y	-87.508	-87.508	6.031	8.042
171	BM32	Y	-87.508	-87.508	8.042	10.052
172	BM32	Y	-87.508	-87.508	10.052	12.063
173	BM32	Y	-87.508	-87.508	12.063	14.073
174	BM32	Y	-87.508	-87.508	14.073	16.084
175	BM32	Y	-87.508	-87.508	16.084	18.094
176	BM32	Y	-87.508	-87.508	18.094	20.104
177	BM32	Y	-87.508	-87.508	20.104	22.115
178	BM32	Y	-87.508	-87.508	22.115	24.125
179	BM32	Y	-87.508	-87.508	24.125	26.136
180	BM32	Y	-87.508	-87.404	26.136	28.146
181	BM32	Y	-87.404	-87.042	28.146	30.157
182	BM32	Y	-87.042	-86.529	30.157	32.167
183	BM33	Y	-87.508	-87.508	0	2.01
184	BM33	Y	-87.508	-87.508	2.01	4.021
185	BM33	Y	-87.508	-87.508	4.021	6.031
186	BM33	Y	-87.508	-87.508	6.031	8.042
187	BM33	Y	-87.508	-87.508	8.042	10.052
188	BM33	Y	-87.508	-87.508	10.052	12.063
189	BM33	Y	-87.508	-87.508	12.063	14.073
190	BM33	Y	-87.508	-87.508	14.073	16.084
191	BM33	Y	-87.508	-87.508	16.084	18.094
192	BM33	Y	-87.508	-87.508	18.094	20.104
193	BM33	Y	-87.508	-87.508	20.104	22.115
194	BM33	Y	-87.508	-87.508	22.115	24.125
195	BM33	Y	-87.508	-87.508	24.125	26.136
196	BM33	Y	-87.508	-87.404	26.136	28.146
197	BM33	Y	-87.404	-87.042	28.146	30.157
198	BM33	Y	-87.042	-86.529	30.157	32.167
199	BM34	Y	-81.601	-81.601	0	2.01
200	BM34	Y	-81.601	-81.601	2.01	4.021
201	BM34	Y	-81.601	-81.601	4.021	6.031
202	BM34	Y	-81.601	-81.601	6.031	8.042
203	BM34	Y	-81.601	-81.601	8.042	10.052
204	BM34	Y	-81.601	-81.601	10.052	12.063

Member Distributed Loads (BLC 36 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
205	BM34	Y	-81.601	-81.601	12.063	14.073
206	BM34	Y	-81.601	-81.601	14.073	16.084
207	BM34	Y	-81.601	-81.601	16.084	18.094
208	BM34	Y	-81.601	-81.601	18.094	20.104
209	BM34	Y	-81.601	-81.601	20.104	22.115
210	BM34	Y	-81.601	-81.601	22.115	24.125
211	BM34	Y	-81.601	-81.601	24.125	26.136
212	BM34	Y	-81.601	-81.494	26.136	28.146
213	BM34	Y	-81.494	-81.168	28.146	30.157
214	BM34	Y	-81.168	-80.73	30.157	32.167
215	BM38	Y	-81.662	-81.041	0	2.117
216	BM38	Y	-81.041	-80.512	2.117	4.233
217	BM38	Y	-80.512	-93.578	4.233	6.35
218	BM38	Y	-93.578	-98.24	6.35	8.466
219	BM38	Y	-98.24	-86.343	8.466	10.583
220	BM38	Y	-86.343	-81.442	10.583	12.699
221	BM38	Y	-81.442	-79.816	12.699	14.816
222	BM38	Y	-79.816	-79.816	14.816	16.932
223	BM38	Y	-79.816	-91.613	16.932	19.049
224	BM38	Y	-91.613	-99.773	19.049	21.165
225	BM38	Y	-99.773	-87.976	21.165	23.282
226	BM38	Y	-87.976	-79.816	23.282	25.398
227	BM38	Y	-79.816	-79.816	25.398	27.515
228	BM39	Y	-82.168	-81.683	0	2.117
229	BM39	Y	-81.683	-81.34	2.117	4.233
230	BM39	Y	-81.34	-101.553	4.233	6.35
231	BM39	Y	-101.553	-101.553	6.35	8.466
232	BM39	Y	-101.553	-81.241	8.466	10.583
233	BM39	Y	-81.241	-81.241	10.583	12.699
234	BM39	Y	-81.241	-81.241	12.699	14.816
235	BM39	Y	-81.241	-81.241	14.816	16.932
236	BM39	Y	-81.241	-101.553	16.932	19.049
237	BM39	Y	-101.553	-101.553	19.049	21.165
238	BM39	Y	-101.553	-81.241	21.165	23.282
239	BM39	Y	-81.241	-81.241	23.282	25.398
240	BM39	Y	-81.241	-81.241	25.398	27.515
241	BM40	Y	-76.603	-76.168	0	2.117
242	BM40	Y	-76.168	-75.854	2.117	4.233
243	BM40	Y	-75.854	-94.699	4.233	6.35
244	BM40	Y	-94.699	-94.699	6.35	8.466
245	BM40	Y	-94.699	-75.757	8.466	10.583
246	BM40	Y	-75.757	-75.757	10.583	12.699
247	BM40	Y	-75.757	-75.757	12.699	14.816
248	BM40	Y	-75.757	-75.757	14.816	16.932
249	BM40	Y	-75.757	-94.699	16.932	19.049
250	BM40	Y	-94.699	-94.699	19.049	21.165
251	BM40	Y	-94.699	-75.757	21.165	23.282
252	BM40	Y	-75.757	-75.757	23.282	25.398
253	BM40	Y	-75.757	-75.757	25.398	27.515
254	BM41	Y	-82.168	-81.683	0	2.117
255	BM41	Y	-81.683	-81.34	2.117	4.233
256	BM41	Y	-81.34	-101.553	4.233	6.35
257	BM41	Y	-101.553	-101.553	6.35	8.466
258	BM41	Y	-101.553	-81.241	8.466	10.583
259	BM41	Y	-81.241	-81.241	10.583	12.699
260	BM41	Y	-81.241	-81.241	12.699	14.816
261	BM41	Y	-81.241	-81.241	14.816	16.932
262	BM41	Y	-81.241	-101.553	16.932	19.049
263	BM41	Y	-101.553	-101.553	19.049	21.165
264	BM41	Y	-101.553	-81.241	21.165	23.282
265	BM41	Y	-81.241	-81.241	23.282	25.398
266	BM41	Y	-81.241	-81.241	25.398	27.515
267	BM42	Y	-87.503	-87.503	0.017	32.162
268	BM43	Y	-86.002	-86.508	0	2.01
269	BM43	Y	-86.508	-86.821	2.01	4.021
270	BM43	Y	-86.821	-86.865	4.021	6.031
271	BM43	Y	-86.865	-86.859	6.031	8.042
272	BM43	Y	-86.859	-86.861	8.042	10.052

Member Distributed Loads (BLC 36 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
273	BM43	Y	-86.861	-86.8	10.052	12.063
274	BM43	Y	-86.8	-86.611	12.063	14.073
275	BM43	Y	-86.611	-86.366	14.073	16.084
276	BM43	Y	-86.366	-86.13	16.084	18.094
277	BM43	Y	-86.13	-85.939	18.094	20.104
278	BM43	Y	-85.939	-85.874	20.104	22.115
279	BM43	Y	-85.874	-85.874	22.115	24.125
280	BM43	Y	-85.874	-85.874	24.125	26.136
281	BM43	Y	-85.874	-85.874	26.136	28.146
282	BM43	Y	-85.874	-85.874	28.146	30.157
283	BM43	Y	-85.874	-85.874	30.157	32.167
284	BM44	Y	-87.503	-87.503	0.017	32.162
285	BM45	Y	-80.727	-81.171	0	2.01
286	BM45	Y	-81.171	-81.497	2.01	4.021
287	BM45	Y	-81.497	-81.601	4.021	6.031
288	BM45	Y	-81.601	-81.601	6.031	8.042
289	BM45	Y	-81.601	-81.601	8.042	10.052
290	BM45	Y	-81.601	-81.601	10.052	12.063
291	BM45	Y	-81.601	-81.601	12.063	14.073
292	BM45	Y	-81.601	-81.601	14.073	16.084
293	BM45	Y	-81.601	-81.601	16.084	18.094
294	BM45	Y	-81.601	-81.601	18.094	20.104
295	BM45	Y	-81.601	-81.601	20.104	22.115
296	BM45	Y	-81.601	-81.601	22.115	24.125
297	BM45	Y	-81.601	-81.601	24.125	26.136
298	BM45	Y	-81.601	-81.601	26.136	28.146
299	BM45	Y	-81.601	-81.601	28.146	30.157
300	BM45	Y	-81.601	-81.601	30.157	32.167
301	BM46	Y	-87.503	-87.503	0.017	32.162
302	BM47	Y	-87.503	-87.503	0.017	32.162
303	BM48	Y	-57.658	-57.934	0	2.01
304	BM48	Y	-57.934	-58.212	2.01	4.021
305	BM48	Y	-58.212	-58.531	4.021	6.031
306	BM48	Y	-58.531	-58.968	6.031	8.042
307	BM48	Y	-58.968	-59.433	8.042	10.052
308	BM48	Y	-59.433	-59.566	10.052	12.063
309	BM48	Y	-59.566	-59.246	12.063	14.073
310	BM48	Y	-59.246	-58.827	14.073	16.084
311	BM48	Y	-58.827	-58.526	16.084	18.094
312	BM48	Y	-58.526	-58.331	18.094	20.104
313	BM48	Y	-58.331	-58.26	20.104	22.115
314	BM48	Y	-58.26	-58.255	22.115	24.125
315	BM48	Y	-58.255	-58.255	24.125	26.136
316	BM48	Y	-58.255	-58.255	26.136	28.146
317	BM48	Y	-58.255	-58.255	28.146	30.157
318	BM48	Y	-58.255	-58.255	30.157	32.167
319	EDGE10	Y	-39.482	-39.482	0	2.085
320	EDGE10	Y	-39.482	-39.482	2.085	4.17
321	EDGE10	Y	-39.482	-49.327	4.17	6.255
322	EDGE10	Y	-49.327	-49.327	6.255	8.341
323	EDGE10	Y	-49.327	-39.482	8.341	10.426
324	EDGE10	Y	-39.482	-39.482	10.426	12.511
325	EDGE10	Y	-39.482	-39.482	12.511	14.596
326	EDGE10	Y	-39.482	-39.482	14.596	16.681
327	EDGE10	Y	-39.482	-46.856	16.681	18.766
328	EDGE10	Y	-46.856	-49.327	18.766	20.851
329	EDGE10	Y	-49.327	-41.953	20.851	22.937
330	EDGE10	Y	-41.953	-37.012	22.937	25.022
331	EDGE17	Y	-19.389	-21.431	0	2.127
332	EDGE17	Y	-21.431	-21.921	2.127	4.254
333	EDGE17	Y	-21.921	-20.463	4.254	6.381
334	EDGE17	Y	-20.463	-19.41	6.381	8.507
335	EDGE17	Y	-19.41	-19.197	8.507	10.634
336	EDGE17	Y	-19.197	-19.077	10.634	12.761
337	EDGE17	Y	-19.077	-21.426	12.761	14.888
338	EDGE17	Y	-21.426	-23.791	14.888	17.015
339	EDGE17	Y	-23.791	-21.408	17.015	19.142
340	EDGE17	Y	-21.408	-19.042	19.142	21.269

Member Distributed Loads (BLC 36 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
341	EDGE17	Y	-19.042	-19.042	21.269	23.395
342	EDGE29	Y	-39.482	-39.482	0	2.085
343	EDGE29	Y	-39.482	-39.482	2.085	4.17
344	EDGE29	Y	-39.482	-49.327	4.17	6.255
345	EDGE29	Y	-49.327	-49.327	6.255	8.341
346	EDGE29	Y	-49.327	-39.482	8.341	10.426
347	EDGE29	Y	-39.482	-39.482	10.426	12.511
348	EDGE29	Y	-39.482	-39.482	12.511	14.596
349	EDGE29	Y	-39.482	-39.482	14.596	16.681
350	EDGE29	Y	-39.482	-46.856	16.681	18.766
351	EDGE29	Y	-46.856	-49.327	18.766	20.851
352	EDGE29	Y	-49.327	-41.953	20.851	22.937
353	EDGE29	Y	-41.953	-37.012	22.937	25.022
354	EDGE30	Y	-43.027	-44.402	0	2.127
355	EDGE30	Y	-44.402	-44.957	2.127	4.254
356	EDGE30	Y	-44.957	-42.256	4.254	6.381
357	EDGE30	Y	-42.256	-39.577	6.381	8.507
358	EDGE30	Y	-39.577	-39.37	8.507	10.634
359	EDGE30	Y	-39.37	-39.255	10.634	12.761
360	EDGE30	Y	-39.255	-44.971	12.761	14.888
361	EDGE30	Y	-44.971	-49.037	14.888	17.015
362	EDGE30	Y	-49.037	-43.301	17.015	19.142
363	EDGE30	Y	-43.301	-39.236	19.142	21.269
364	EDGE30	Y	-39.236	-39.236	21.269	23.395
365	EDGE31	Y	-39.375	-39.375	0	2.085
366	EDGE31	Y	-39.375	-39.375	2.085	4.17
367	EDGE31	Y	-39.375	-43.471	4.17	6.255
368	EDGE31	Y	-43.471	-47.722	6.255	8.341
369	EDGE31	Y	-47.722	-45.603	8.341	10.426
370	EDGE31	Y	-45.603	-41.859	10.426	12.511
371	EDGE31	Y	-41.859	-40.674	12.511	14.596
372	EDGE31	Y	-40.674	-41.22	14.596	16.681
373	EDGE31	Y	-41.22	-44.765	16.681	18.766
374	EDGE31	Y	-44.765	-43.61	18.766	20.851
375	EDGE31	Y	-43.61	-39.292	20.851	22.937
376	EDGE31	Y	-39.292	-39.531	22.937	25.022
377	EDGE32	Y	-19.141	-19.141	0	2.085
378	EDGE32	Y	-19.141	-19.141	2.085	4.17
379	EDGE32	Y	-19.141	-23.912	4.17	6.255
380	EDGE32	Y	-23.912	-23.912	6.255	8.341
381	EDGE32	Y	-23.912	-19.141	8.341	10.426
382	EDGE32	Y	-19.141	-19.141	10.426	12.511
383	EDGE32	Y	-19.141	-19.141	12.511	14.596
384	EDGE32	Y	-19.141	-19.141	14.596	16.681
385	EDGE32	Y	-19.141	-22.321	16.681	18.766
386	EDGE32	Y	-22.321	-24.02	18.766	20.851
387	EDGE32	Y	-24.02	-21.083	20.851	22.937
388	EDGE32	Y	-21.083	-18.171	22.937	25.022
389	EDGE33	Y	-19.736	-20.314	0	2.085
390	EDGE33	Y	-20.314	-19.763	2.085	4.17
391	EDGE33	Y	-19.763	-20.241	4.17	6.255
392	EDGE33	Y	-20.241	-21.246	6.255	8.341
393	EDGE33	Y	-21.246	-20.661	8.341	10.426
394	EDGE33	Y	-20.661	-20.127	10.426	12.511
395	EDGE33	Y	-20.127	-19.687	12.511	14.596
396	EDGE33	Y	-19.687	-19.407	14.596	16.681
397	EDGE33	Y	-19.407	-20.892	16.681	18.766
398	EDGE33	Y	-20.892	-21.801	18.766	20.851
399	EDGE33	Y	-21.801	-20.398	20.851	22.937
400	EDGE33	Y	-20.398	-18.952	22.937	25.022
401	EDGE43	Y	-39.276	-39.276	0	2.127
402	EDGE43	Y	-39.276	-42.526	2.127	4.254
403	EDGE43	Y	-42.526	-49.077	4.254	6.381
404	EDGE43	Y	-49.077	-45.827	6.381	8.507
405	EDGE43	Y	-45.827	-39.292	8.507	10.634
406	EDGE43	Y	-39.292	-39.388	10.634	12.761
407	EDGE43	Y	-39.388	-39.565	12.761	14.888
408	EDGE43	Y	-39.565	-43.04	14.888	17.015

Member Distributed Loads (BLC 36 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
409	EDGE43	Y	-43.04	-45.717	17.015	19.142
410	EDGE43	Y	-45.717	-43.449	19.142	21.269
411	EDGE43	Y	-43.449	-40.316	21.269	23.395
412	EDGE44	Y	-39.36	-39.36	0	2.085
413	EDGE44	Y	-39.36	-39.36	2.085	4.17
414	EDGE44	Y	-39.36	-43.449	4.17	6.255
415	EDGE44	Y	-43.449	-47.631	6.255	8.341
416	EDGE44	Y	-47.631	-45.633	8.341	10.426
417	EDGE44	Y	-45.633	-42.372	10.426	12.511
418	EDGE44	Y	-42.372	-41.752	12.511	14.596
419	EDGE44	Y	-41.752	-42.976	14.596	16.681
420	EDGE44	Y	-42.976	-41.463	16.681	18.766
421	EDGE44	Y	-41.463	-39.983	18.766	20.851
422	EDGE44	Y	-39.983	-41.161	20.851	22.937
423	EDGE44	Y	-41.161	-42.1	22.937	25.022
424	EDGE45	Y	-19.042	-19.042	0	2.127
425	EDGE45	Y	-19.042	-21.407	2.127	4.254
426	EDGE45	Y	-21.407	-23.791	4.254	6.381
427	EDGE45	Y	-23.791	-21.425	6.381	8.507
428	EDGE45	Y	-21.425	-19.067	8.507	10.634
429	EDGE45	Y	-19.067	-19.188	10.634	12.761
430	EDGE45	Y	-19.188	-19.417	12.761	14.888
431	EDGE45	Y	-19.417	-20.455	14.888	17.015
432	EDGE45	Y	-20.455	-21.904	17.015	19.142
433	EDGE45	Y	-21.904	-21.443	19.142	21.269
434	EDGE45	Y	-21.443	-19.431	21.269	23.395
435	EDGE46	Y	-19.147	-19.147	0	2.085
436	EDGE46	Y	-19.147	-19.147	2.085	4.17
437	EDGE46	Y	-19.147	-23.917	4.17	6.255
438	EDGE46	Y	-23.917	-23.917	6.255	8.341
439	EDGE46	Y	-23.917	-19.147	8.341	10.426
440	EDGE46	Y	-19.147	-19.147	10.426	12.511
441	EDGE46	Y	-19.147	-19.147	12.511	14.596
442	EDGE46	Y	-19.147	-19.147	14.596	16.681
443	EDGE46	Y	-19.147	-22.322	16.681	18.766
444	EDGE46	Y	-22.322	-23.917	18.766	20.851
445	EDGE46	Y	-23.917	-20.743	20.851	22.937
446	EDGE46	Y	-20.743	-17.552	22.937	25.022
447	EDGE47	Y	-19.111	-19.111	0	2.085
448	EDGE47	Y	-19.111	-19.111	2.085	4.17
449	EDGE47	Y	-19.111	-21.49	4.17	6.255
450	EDGE47	Y	-21.49	-23.083	6.255	8.341
451	EDGE47	Y	-23.083	-21.512	8.341	10.426
452	EDGE47	Y	-21.512	-19.937	10.426	12.511
453	EDGE47	Y	-19.937	-19.148	12.511	14.596
454	EDGE47	Y	-19.148	-19.169	14.596	16.681
455	EDGE47	Y	-19.169	-20.827	16.681	18.766
456	EDGE47	Y	-20.827	-21.794	18.766	20.851
457	EDGE47	Y	-21.794	-20.397	20.851	22.937
458	EDGE47	Y	-20.397	-18.947	22.937	25.022
459	M673	Y	-87.5	-87.5	2.987e-12	27.515
460	M674	Y	-81.241	-81.241	0	2.117
461	M674	Y	-81.241	-81.241	2.117	4.233
462	M674	Y	-81.241	-101.553	4.233	6.35
463	M674	Y	-101.553	-101.553	6.35	8.466
464	M674	Y	-101.553	-81.241	8.466	10.583
465	M674	Y	-81.241	-81.241	10.583	12.699
466	M674	Y	-81.241	-81.241	12.699	14.816
467	M674	Y	-81.241	-81.241	14.816	16.932
468	M674	Y	-81.241	-101.553	16.932	19.049
469	M674	Y	-101.553	-101.553	19.049	21.165
470	M674	Y	-101.553	-81.34	21.165	23.282
471	M674	Y	-81.34	-81.683	23.282	25.398
472	M674	Y	-81.683	-82.168	25.398	27.515
473	M675	Y	-54.136	-54.136	0	2.117
474	M675	Y	-54.136	-54.136	2.117	4.233
475	M675	Y	-54.136	-67.67	4.233	6.35
476	M675	Y	-67.67	-67.67	6.35	8.466

Member Distributed Loads (BLC 36 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
477	M675	Y	-67.67	-54.136	8.466	10.583
478	M675	Y	-54.136	-54.136	10.583	12.699
479	M675	Y	-54.136	-54.136	12.699	14.816
480	M675	Y	-54.136	-54.136	14.816	16.932
481	M675	Y	-54.136	-67.67	16.932	19.049
482	M675	Y	-67.67	-67.67	19.049	21.165
483	M675	Y	-67.67	-54.136	21.165	23.282
484	M675	Y	-54.136	-54.136	23.282	25.398
485	M675	Y	-54.136	-54.136	25.398	27.515
486	M676	Y	-54.131	-54.131	0	2.117
487	M676	Y	-54.131	-58.085	2.117	4.233
488	M676	Y	-58.085	-67.665	4.233	6.35
489	M676	Y	-67.665	-63.711	6.35	8.466
490	M676	Y	-63.711	-54.131	8.466	10.583
491	M676	Y	-54.131	-54.131	10.583	12.699
492	M676	Y	-54.131	-54.919	12.699	14.816
493	M676	Y	-54.919	-57.292	14.816	16.932
494	M676	Y	-57.292	-66.877	16.932	19.049
495	M676	Y	-66.877	-64.507	19.049	21.165
496	M676	Y	-64.507	-54.199	21.165	23.282
497	M676	Y	-54.199	-54.384	23.282	25.398
498	M676	Y	-54.384	-54.628	25.398	27.515
499	M677	Y	-87.5	-87.5	2.979e-12	27.515
500	M684	Y	-81.241	-81.241	0	2.117
501	M684	Y	-81.241	-81.241	2.117	4.233
502	M684	Y	-81.241	-101.553	4.233	6.35
503	M684	Y	-101.553	-101.553	6.35	8.466
504	M684	Y	-101.553	-81.241	8.466	10.583
505	M684	Y	-81.241	-81.241	10.583	12.699
506	M684	Y	-81.241	-81.241	12.699	14.816
507	M684	Y	-81.241	-81.241	14.816	16.932
508	M684	Y	-81.241	-101.553	16.932	19.049
509	M684	Y	-101.553	-101.553	19.049	21.165
510	M684	Y	-101.553	-81.34	21.165	23.282
511	M684	Y	-81.34	-81.683	23.282	25.398
512	M684	Y	-81.683	-82.168	25.398	27.515
513	M685	Y	-87.5	-87.5	2.986e-12	27.515
514	M686	Y	-81.241	-81.241	0	2.117
515	M686	Y	-81.241	-81.241	2.117	4.233
516	M686	Y	-81.241	-101.553	4.233	6.35
517	M686	Y	-101.553	-101.553	6.35	8.466
518	M686	Y	-101.553	-81.241	8.466	10.583
519	M686	Y	-81.241	-81.241	10.583	12.699
520	M686	Y	-81.241	-81.241	12.699	14.816
521	M686	Y	-81.241	-81.241	14.816	16.932
522	M686	Y	-81.241	-101.553	16.932	19.049
523	M686	Y	-101.553	-101.553	19.049	21.165
524	M686	Y	-101.553	-81.34	21.165	23.282
525	M686	Y	-81.34	-81.683	23.282	25.398
526	M686	Y	-81.683	-82.168	25.398	27.515
527	M687	Y	-79.828	-79.828	0	2.117
528	M687	Y	-79.828	-79.828	2.117	4.233
529	M687	Y	-79.828	-99.785	4.233	6.35
530	M687	Y	-99.785	-99.785	6.35	8.466
531	M687	Y	-99.785	-79.828	8.466	10.583
532	M687	Y	-79.828	-79.828	10.583	12.699
533	M687	Y	-79.828	-79.828	12.699	14.816
534	M687	Y	-79.828	-79.828	14.816	16.932
535	M687	Y	-79.828	-99.785	16.932	19.049
536	M687	Y	-99.785	-99.785	19.049	21.165
537	M687	Y	-99.785	-79.828	21.165	23.282
538	M687	Y	-79.828	-79.828	23.282	25.398
539	M687	Y	-79.828	-79.828	25.398	27.515
540	M688	Y	-79.816	-79.816	0	2.117
541	M688	Y	-79.816	-87.976	2.117	4.233
542	M688	Y	-87.976	-99.773	4.233	6.35
543	M688	Y	-99.773	-91.612	6.35	8.466
544	M688	Y	-91.612	-79.816	8.466	10.583

Member Distributed Loads (BLC 36 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
545	M688	Y	-79.816	-79.816	10.583	12.699
546	M688	Y	-79.816	-81.442	12.699	14.816
547	M688	Y	-81.442	-86.338	14.816	16.932
548	M688	Y	-86.338	-98.149	16.932	19.049
549	M688	Y	-98.149	-93.355	19.049	21.165
550	M688	Y	-93.355	-80.284	21.165	23.282
551	M688	Y	-80.284	-80.864	23.282	25.398
552	M688	Y	-80.864	-81.496	25.398	27.515
553	M689	Y	-87.5	-87.5	2.939e-12	27.515
554	M690	Y	-81.241	-81.241	0	2.117
555	M690	Y	-81.241	-81.241	2.117	4.233
556	M690	Y	-81.241	-101.553	4.233	6.35
557	M690	Y	-101.553	-101.553	6.35	8.466
558	M690	Y	-101.553	-81.241	8.466	10.583
559	M690	Y	-81.241	-81.241	10.583	12.699
560	M690	Y	-81.241	-81.241	12.699	14.816
561	M690	Y	-81.241	-81.241	14.816	16.932
562	M690	Y	-81.241	-101.553	16.932	19.049
563	M690	Y	-101.553	-101.553	19.049	21.165
564	M690	Y	-101.553	-81.34	21.165	23.282
565	M690	Y	-81.34	-81.683	23.282	25.398
566	M690	Y	-81.683	-82.168	25.398	27.515
567	M691	Y	-87.5	-87.5	2.771e-12	27.515
568	M692	Y	-81.241	-81.241	0	2.117
569	M692	Y	-81.241	-81.241	2.117	4.233
570	M692	Y	-81.241	-101.553	4.233	6.35
571	M692	Y	-101.553	-101.553	6.35	8.466
572	M692	Y	-101.553	-81.241	8.466	10.583
573	M692	Y	-81.241	-81.241	10.583	12.699
574	M692	Y	-81.241	-81.241	12.699	14.816
575	M692	Y	-81.241	-81.241	14.816	16.932
576	M692	Y	-81.241	-101.553	16.932	19.049
577	M692	Y	-101.553	-101.553	19.049	21.165
578	M692	Y	-101.553	-81.34	21.165	23.282
579	M692	Y	-81.34	-81.683	23.282	25.398
580	M692	Y	-81.683	-82.168	25.398	27.515
581	M693	Y	-87.5	-87.5	3.179e-12	27.515
582	M694	Y	-81.241	-81.241	0	2.117
583	M694	Y	-81.241	-81.241	2.117	4.233
584	M694	Y	-81.241	-101.553	4.233	6.35
585	M694	Y	-101.553	-101.553	6.35	8.466
586	M694	Y	-101.553	-81.241	8.466	10.583
587	M694	Y	-81.241	-81.241	10.583	12.699
588	M694	Y	-81.241	-81.241	12.699	14.816
589	M694	Y	-81.241	-81.241	14.816	16.932
590	M694	Y	-81.241	-101.553	16.932	19.049
591	M694	Y	-101.553	-101.553	19.049	21.165
592	M694	Y	-101.553	-81.34	21.165	23.282
593	M694	Y	-81.34	-81.683	23.282	25.398
594	M694	Y	-81.683	-82.168	25.398	27.515
595	M695	Y	-81.594	-81.594	3.059e-12	27.515
596	M696	Y	-75.757	-75.757	0	2.117
597	M696	Y	-75.757	-75.757	2.117	4.233
598	M696	Y	-75.757	-94.699	4.233	6.35
599	M696	Y	-94.699	-94.699	6.35	8.466
600	M696	Y	-94.699	-75.757	8.466	10.583
601	M696	Y	-75.757	-75.757	10.583	12.699
602	M696	Y	-75.757	-75.757	12.699	14.816
603	M696	Y	-75.757	-75.757	14.816	16.932
604	M696	Y	-75.757	-94.699	16.932	19.049
605	M696	Y	-94.699	-94.699	19.049	21.165
606	M696	Y	-94.699	-75.854	21.165	23.282
607	M696	Y	-75.854	-76.165	23.282	25.398
608	M696	Y	-76.165	-76.594	25.398	27.515
609	BM16	Y	-176.772	-176.688	0	2.082
610	BM16	Y	-176.688	-176.455	2.082	4.164
611	BM16	Y	-176.455	-173.968	4.164	6.246
612	BM16	Y	-173.968	-173.333	6.246	8.329

Member Distributed Loads (BLC 36 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
613	BM16	Y	-173.333	-173.585	8.329	10.411
614	BM16	Y	-173.585	-171.055	10.411	12.493
615	BM16	Y	-171.055	-171.035	12.493	14.575
616	BM16	Y	-171.035	-173.827	14.575	16.657
617	BM16	Y	-173.827	-175.355	16.657	18.739
618	BM16	Y	-175.355	-173.081	18.739	20.822
619	BM16	Y	-173.081	-175.315	20.822	22.904
620	BM16	Y	-175.315	-179.679	22.904	24.986
621	BM16	Y	-179.679	-179.711	24.986	27.068
622	BM16	Y	-179.711	-179.737	27.068	29.15
623	BM17	Y	-131.846	-131.884	0	2.082
624	BM17	Y	-131.884	-131.929	2.082	4.164
625	BM17	Y	-131.929	-158.367	4.164	6.246
626	BM17	Y	-158.367	-160.119	6.246	8.329
627	BM17	Y	-160.119	-132.831	8.329	10.411
628	BM17	Y	-132.831	-130.788	10.411	12.493
629	BM17	Y	-130.788	-132.504	12.493	14.575
630	BM17	Y	-132.504	-134.124	14.575	16.657
631	BM17	Y	-134.124	-138.181	16.657	18.739
632	BM17	Y	-138.181	-158.868	18.739	20.822
633	BM17	Y	-158.868	-154.118	20.822	22.904
634	BM17	Y	-154.118	-132.265	22.904	24.986
635	BM17	Y	-132.265	-132.25	24.986	27.068
636	BM17	Y	-132.25	-132.193	27.068	29.15
637	BM35	Y	-179.409	-179.306	0	2.082
638	BM35	Y	-179.306	-179.049	2.082	4.164
639	BM35	Y	-179.049	-174.887	4.164	6.246
640	BM35	Y	-174.887	-170.725	6.246	8.329
641	BM35	Y	-170.725	-170.441	8.329	10.411
642	BM35	Y	-170.441	-170.339	10.411	12.493
643	BM35	Y	-170.339	-170.229	12.493	14.575
644	BM35	Y	-170.229	-170.085	14.575	16.657
645	BM35	Y	-170.085	-170.241	16.657	18.739
646	BM35	Y	-170.241	-170.987	18.739	20.822
647	BM35	Y	-170.987	-176.722	20.822	22.904
648	BM35	Y	-176.722	-182.418	22.904	24.986
649	BM35	Y	-182.418	-183.112	24.986	27.068
650	BM35	Y	-183.112	-183.508	27.068	29.15
651	BM36	Y	-179.434	-179.336	0	2.082
652	BM36	Y	-179.336	-179.089	2.082	4.164
653	BM36	Y	-179.089	-174.899	4.164	6.246
654	BM36	Y	-174.899	-170.691	6.246	8.329
655	BM36	Y	-170.691	-170.401	8.329	10.411
656	BM36	Y	-170.401	-170.317	10.411	12.493
657	BM36	Y	-170.317	-170.222	12.493	14.575
658	BM36	Y	-170.222	-170.095	14.575	16.657
659	BM36	Y	-170.095	-170.268	16.657	18.739
660	BM36	Y	-170.268	-170.969	18.739	20.822
661	BM36	Y	-170.969	-176.681	20.822	22.904
662	BM36	Y	-176.681	-182.417	22.904	24.986
663	BM36	Y	-182.417	-183.13	24.986	27.068
664	BM36	Y	-183.13	-183.537	27.068	29.15
665	BM37	Y	-173.619	-173.304	0	2.082
666	BM37	Y	-173.304	-172.778	2.082	4.164
667	BM37	Y	-172.778	-168.287	4.164	6.246
668	BM37	Y	-168.287	-163.802	6.246	8.329
669	BM37	Y	-163.802	-163.142	8.329	10.411
670	BM37	Y	-163.142	-165.749	10.411	12.493
671	BM37	Y	-165.749	-169.883	12.493	14.575
672	BM37	Y	-169.883	-169.166	14.575	16.657
673	BM37	Y	-169.166	-166.781	16.657	18.739
674	BM37	Y	-166.781	-162.354	18.739	20.822
675	BM37	Y	-162.354	-169.489	20.822	22.904
676	BM37	Y	-169.489	-181.926	22.904	24.986
677	BM37	Y	-181.926	-176.056	24.986	27.068
678	BM37	Y	-176.056	-161.698	27.068	29.15
679	EDGE18	Y	-77.653	-77.663	0	2.082
680	EDGE18	Y	-77.663	-77.661	2.082	4.164

Member Distributed Loads (BLC 36 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
681	EDGE18	Y	-77.661	-82.427	4.164	6.246
682	EDGE18	Y	-82.427	-88.84	6.246	8.329
683	EDGE18	Y	-88.84	-90.273	8.329	10.411
684	EDGE18	Y	-90.273	-84.882	10.411	12.493
685	EDGE18	Y	-84.882	-77.78	12.493	14.575
686	EDGE18	Y	-77.78	-75.636	14.575	16.657
687	EDGE18	Y	-75.636	-75.347	16.657	18.739
688	EDGE18	Y	-75.347	-83.17	18.739	20.822
689	EDGE18	Y	-83.17	-94.026	20.822	22.904
690	EDGE18	Y	-94.026	-86.083	22.904	24.986
691	EDGE18	Y	-86.083	-75.171	24.986	27.068
692	EDGE18	Y	-75.171	-75.18	27.068	29.15
693	EDGE34	Y	-52.149	-52.213	0	2.059
694	EDGE34	Y	-52.213	-52.468	2.059	4.119
695	EDGE34	Y	-52.468	-53.1	4.119	6.178
696	EDGE34	Y	-53.1	-54.5	6.178	8.238
697	EDGE34	Y	-54.5	-57.2	8.238	10.297
698	EDGE34	Y	-57.2	-57.224	10.297	12.357
699	EDGE34	Y	-57.224	-54.591	12.357	14.416
700	EDGE34	Y	-54.591	-53.291	14.416	16.476
701	EDGE34	Y	-53.291	-52.758	16.476	18.535
702	EDGE34	Y	-52.758	-52.616	18.535	20.595
703	EDGE34	Y	-52.616	-52.791	20.595	22.654
704	EDGE34	Y	-52.791	-53.229	22.654	24.714
705	EDGE34	Y	-53.229	-53.827	24.714	26.773
706	EDGE49	Y	-5.838e-15	-59.285	0	0.475
707	EDGE49	Y	-59.285	-59.285	0.475	0.951
708	EDGE49	Y	-59.285	-59.639	0.951	1.426
709	EDGE49	Y	-59.639	-59.639	1.426	1.902
710	EDGE49	Y	-59.639	-5.838e-15	1.902	2.377
711	M678	Y	-16	-16	7.161e-15	13.333
712	M680	Y	-16	-16	7.383e-15	13.333
713	CANOPY10	Y	-16	-16	6.106e-16	13.333
714	CANOPY13	Y	-16	-16	1.432e-14	25
715	CANOPY18	Y	-16	-16	9.492e-15	7.667
716	CANOPY21	Y	-16	-16	9.603e-15	13.333
717	CANOPY28	Y	-16	-16	1.221e-15	25
718	CANOPY32	Y	-16	-16	1.432e-14	25
719	CANOPY33	Y	-16	-16	1.221e-15	25
720	CANOPY34	Y	-16	-16	1.005e-14	7.667
721	M698	Y	-16	-16	0	4.25
722	M699	Y	-16	-16	3.331e-16	4.25
723	M712	Y	-16	-16	1.432e-14	25
724	M713	Y	-16	-16	1.51e-14	25
725	M702	Y	-16	-16	0	25
726	M703	Y	-16	-16	3.331e-16	25
727	M710	Y	-16	-16	1.898e-14	25
728	M711	Y	-16	-16	1.898e-14	25
729	M706	Y	-16	-16	1.221e-15	25
730	M707	Y	-16	-16	1.221e-15	25

Member Distributed Loads (BLC 37 : BLC 2 Transient Area Loads)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	BM40	Y	-270.568	-270.568	6.35	8.466
2	BM40	Y	-270.568	-216.449	8.466	10.583
3	BM40	Y	-216.449	-216.449	10.583	12.699
4	BM40	Y	-216.449	-216.449	12.699	14.816
5	BM40	Y	-216.449	-216.449	14.816	16.932
6	BM40	Y	-216.449	-270.568	16.932	19.049
7	BM40	Y	-270.568	-270.568	19.049	21.165
8	BM40	Y	-270.568	-216.449	21.165	23.282
9	BM40	Y	-216.449	-216.449	23.282	25.398
10	BM40	Y	-216.449	-216.449	25.398	27.515
11	BM41	Y	-234.767	-233.38	0	2.117
12	BM41	Y	-233.38	-232.401	2.117	4.233
13	BM41	Y	-232.401	-290.152	4.233	6.35
14	BM41	Y	-290.152	-290.152	6.35	8.466
15	BM41	Y	-290.152	-232.116	8.466	10.583

Member Distributed Loads (BLC 37 : BLC 2 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
16	BM41	Y	-232.116	-232.116	10.583	12.699
17	BM41	Y	-232.116	-232.116	12.699	14.816
18	BM41	Y	-232.116	-232.116	14.816	16.932
19	BM41	Y	-232.116	-290.152	16.932	19.049
20	BM41	Y	-290.152	-290.152	19.049	21.165
21	BM41	Y	-290.152	-232.116	21.165	23.282
22	BM41	Y	-232.116	-232.116	23.282	25.398
23	BM41	Y	-232.116	-232.116	25.398	27.515
24	BM42	Y	-250.009	-250.009	0.017	32.162
25	BM43	Y	-245.721	-247.166	0	2.01
26	BM43	Y	-247.166	-248.059	2.01	4.021
27	BM43	Y	-248.059	-248.186	4.021	6.031
28	BM43	Y	-248.186	-248.168	6.031	8.042
29	BM43	Y	-248.168	-248.174	8.042	10.052
30	BM43	Y	-248.174	-248.001	10.052	12.063
31	BM43	Y	-248.001	-247.461	12.063	14.073
32	BM43	Y	-247.461	-246.76	14.073	16.084
33	BM43	Y	-246.76	-246.085	16.084	18.094
34	BM43	Y	-246.085	-245.541	18.094	20.104
35	BM43	Y	-245.541	-245.355	20.104	22.115
36	BM43	Y	-245.355	-245.355	22.115	24.125
37	BM43	Y	-245.355	-245.355	24.125	26.136
38	BM43	Y	-245.355	-245.355	26.136	28.146
39	BM43	Y	-245.355	-245.355	28.146	30.157
40	BM43	Y	-245.355	-245.355	30.157	32.167
41	BM44	Y	-250.009	-250.009	0.017	32.162
42	BM45	Y	-230.648	-231.918	0	2.01
43	BM45	Y	-231.918	-232.849	2.01	4.021
44	BM45	Y	-232.849	-233.145	4.021	6.031
45	BM45	Y	-233.145	-233.145	6.031	8.042
46	BM45	Y	-233.145	-233.145	8.042	10.052
47	BM45	Y	-233.145	-233.145	10.052	12.063
48	BM45	Y	-233.145	-233.145	12.063	14.073
49	BM45	Y	-233.145	-233.145	14.073	16.084
50	BM45	Y	-233.145	-233.145	16.084	18.094
51	BM45	Y	-233.145	-233.145	18.094	20.104
52	BM45	Y	-233.145	-233.145	20.104	22.115
53	BM45	Y	-233.145	-233.145	22.115	24.125
54	BM45	Y	-233.145	-233.145	24.125	26.136
55	BM45	Y	-233.145	-233.145	26.136	28.146
56	BM45	Y	-233.145	-233.145	28.146	30.157
57	BM45	Y	-233.145	-233.145	30.157	32.167
58	BM46	Y	-250.009	-250.009	0.017	32.162
59	BM47	Y	-250.009	-250.009	0.017	32.162
60	BM48	Y	-164.738	-165.525	0	2.01
61	BM48	Y	-165.525	-166.32	2.01	4.021
62	BM48	Y	-166.32	-167.231	4.021	6.031
63	BM48	Y	-167.231	-168.48	6.031	8.042
64	BM48	Y	-168.48	-169.808	8.042	10.052
65	BM48	Y	-169.808	-170.189	10.052	12.063
66	BM48	Y	-170.189	-169.275	12.063	14.073
67	BM48	Y	-169.275	-168.079	14.073	16.084
68	BM48	Y	-168.079	-167.218	16.084	18.094
69	BM48	Y	-167.218	-166.66	18.094	20.104
70	BM48	Y	-166.66	-166.457	20.104	22.115
71	BM48	Y	-166.457	-166.443	22.115	24.125
72	BM48	Y	-166.443	-166.443	24.125	26.136
73	BM48	Y	-166.443	-166.443	26.136	28.146
74	BM48	Y	-166.443	-166.443	28.146	30.157
75	BM48	Y	-166.443	-166.443	30.157	32.167
76	EDGE10	Y	-112.807	-112.807	0	2.085
77	EDGE10	Y	-112.807	-112.807	2.085	4.17
78	EDGE10	Y	-112.807	-140.935	4.17	6.255
79	EDGE10	Y	-140.935	-140.935	6.255	8.341
80	EDGE10	Y	-140.935	-112.807	8.341	10.426
81	EDGE10	Y	-112.807	-112.807	10.426	12.511
82	EDGE10	Y	-112.807	-112.807	12.511	14.596
83	EDGE10	Y	-112.807	-112.807	14.596	16.681

Member Distributed Loads (BLC 37 : BLC 2 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
84	EDGE10	Y	-112.807	-133.876	16.681	18.766
85	EDGE10	Y	-133.876	-140.935	18.766	20.851
86	EDGE10	Y	-140.935	-119.867	20.851	22.937
87	EDGE10	Y	-119.867	-105.747	22.937	25.022
88	EDGE17	Y	-55.397	-61.23	0	2.127
89	EDGE17	Y	-61.23	-62.63	2.127	4.254
90	EDGE17	Y	-62.63	-58.466	4.254	6.381
91	EDGE17	Y	-58.466	-55.456	6.381	8.507
92	EDGE17	Y	-55.456	-54.849	8.507	10.634
93	EDGE17	Y	-54.849	-54.505	10.634	12.761
94	EDGE17	Y	-54.505	-61.217	12.761	14.888
95	EDGE17	Y	-61.217	-67.975	14.888	17.015
96	EDGE17	Y	-67.975	-61.165	17.015	19.142
97	EDGE17	Y	-61.165	-54.407	19.142	21.269
98	EDGE17	Y	-54.407	-54.407	21.269	23.395
99	EDGE29	Y	-112.807	-112.807	0	2.085
100	EDGE29	Y	-112.807	-112.807	2.085	4.17
101	EDGE29	Y	-112.807	-140.935	4.17	6.255
102	EDGE29	Y	-140.935	-140.935	6.255	8.341
103	EDGE29	Y	-140.935	-112.807	8.341	10.426
104	EDGE29	Y	-112.807	-112.807	10.426	12.511
105	EDGE29	Y	-112.807	-112.807	12.511	14.596
106	EDGE29	Y	-112.807	-112.807	14.596	16.681
107	EDGE29	Y	-112.807	-133.876	16.681	18.766
108	EDGE29	Y	-133.876	-140.935	18.766	20.851
109	EDGE29	Y	-140.935	-119.867	20.851	22.937
110	EDGE29	Y	-119.867	-105.747	22.937	25.022
111	EDGE30	Y	-122.933	-126.863	0	2.127
112	EDGE30	Y	-126.863	-128.449	2.127	4.254
113	EDGE30	Y	-128.449	-120.731	4.254	6.381
114	EDGE30	Y	-120.731	-113.076	6.381	8.507
115	EDGE30	Y	-113.076	-112.486	8.507	10.634
116	EDGE30	Y	-112.486	-112.157	10.634	12.761
117	EDGE30	Y	-112.157	-128.49	12.761	14.888
118	EDGE30	Y	-128.49	-140.105	14.888	17.015
119	EDGE30	Y	-140.105	-123.717	17.015	19.142
120	EDGE30	Y	-123.717	-112.102	19.142	21.269
121	EDGE30	Y	-112.102	-112.102	21.269	23.395
122	EDGE31	Y	-112.499	-112.499	0	2.085
123	EDGE31	Y	-112.499	-112.499	2.085	4.17
124	EDGE31	Y	-112.499	-124.203	4.17	6.255
125	EDGE31	Y	-124.203	-136.349	6.255	8.341
126	EDGE31	Y	-136.349	-130.293	8.341	10.426
127	EDGE31	Y	-130.293	-119.598	10.426	12.511
128	EDGE31	Y	-119.598	-116.211	12.511	14.596
129	EDGE31	Y	-116.211	-117.772	14.596	16.681
130	EDGE31	Y	-117.772	-127.9	16.681	18.766
131	EDGE31	Y	-127.9	-124.599	18.766	20.851
132	EDGE31	Y	-124.599	-112.262	20.851	22.937
133	EDGE31	Y	-112.262	-112.945	22.937	25.022
134	EDGE32	Y	-54.69	-54.69	0	2.085
135	EDGE32	Y	-54.69	-54.69	2.085	4.17
136	EDGE32	Y	-54.69	-68.319	4.17	6.255
137	EDGE32	Y	-68.319	-68.319	6.255	8.341
138	EDGE32	Y	-68.319	-54.69	8.341	10.426
139	EDGE32	Y	-54.69	-54.69	10.426	12.511
140	EDGE32	Y	-54.69	-54.69	12.511	14.596
141	EDGE32	Y	-54.69	-54.69	14.596	16.681
142	EDGE32	Y	-54.69	-63.774	16.681	18.766
143	EDGE32	Y	-63.774	-68.628	18.766	20.851
144	EDGE32	Y	-68.628	-60.237	20.851	22.937
145	EDGE32	Y	-60.237	-51.917	22.937	25.022
146	EDGE33	Y	-56.388	-58.041	0	2.085
147	EDGE33	Y	-58.041	-56.466	2.085	4.17
148	EDGE33	Y	-56.466	-57.831	4.17	6.255
149	EDGE33	Y	-57.831	-60.704	6.255	8.341
150	EDGE33	Y	-60.704	-59.031	8.341	10.426
151	EDGE33	Y	-59.031	-57.504	10.426	12.511

Member Distributed Loads (BLC 37 : BLC 2 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
152	EDGE33	Y	-57.504	-56.248	12.511	14.596
153	EDGE33	Y	-56.248	-55.448	14.596	16.681
154	EDGE33	Y	-55.448	-59.692	16.681	18.766
155	EDGE33	Y	-59.692	-62.288	18.766	20.851
156	EDGE33	Y	-62.288	-58.281	20.851	22.937
157	EDGE33	Y	-58.281	-54.148	22.937	25.022
158	EDGE43	Y	-112.216	-112.216	0	2.127
159	EDGE43	Y	-112.216	-121.502	2.127	4.254
160	EDGE43	Y	-121.502	-140.219	4.254	6.381
161	EDGE43	Y	-140.219	-130.933	6.381	8.507
162	EDGE43	Y	-130.933	-112.262	8.507	10.634
163	EDGE43	Y	-112.262	-112.537	10.634	12.761
164	EDGE43	Y	-112.537	-113.042	12.761	14.888
165	EDGE43	Y	-113.042	-122.972	14.888	17.015
166	EDGE43	Y	-122.972	-130.62	17.015	19.142
167	EDGE43	Y	-130.62	-124.14	19.142	21.269
168	EDGE43	Y	-124.14	-115.189	21.269	23.395
169	EDGE44	Y	-112.457	-112.457	0	2.085
170	EDGE44	Y	-112.457	-112.457	2.085	4.17
171	EDGE44	Y	-112.457	-124.141	4.17	6.255
172	EDGE44	Y	-124.141	-136.09	6.255	8.341
173	EDGE44	Y	-136.09	-130.381	8.341	10.426
174	EDGE44	Y	-130.381	-121.064	10.426	12.511
175	EDGE44	Y	-121.064	-119.29	12.511	14.596
176	EDGE44	Y	-119.29	-122.789	14.596	16.681
177	EDGE44	Y	-122.789	-118.465	16.681	18.766
178	EDGE44	Y	-118.465	-114.237	18.766	20.851
179	EDGE44	Y	-114.237	-117.603	20.851	22.937
180	EDGE44	Y	-117.603	-120.286	22.937	25.022
181	EDGE45	Y	-54.405	-54.405	0	2.127
182	EDGE45	Y	-54.405	-61.163	2.127	4.254
183	EDGE45	Y	-61.163	-67.973	4.254	6.381
184	EDGE45	Y	-67.973	-61.215	6.381	8.507
185	EDGE45	Y	-61.215	-54.477	8.507	10.634
186	EDGE45	Y	-54.477	-54.823	10.634	12.761
187	EDGE45	Y	-54.823	-55.478	12.761	14.888
188	EDGE45	Y	-55.478	-58.442	14.888	17.015
189	EDGE45	Y	-58.442	-62.583	17.015	19.142
190	EDGE45	Y	-62.583	-61.265	19.142	21.269
191	EDGE45	Y	-61.265	-55.517	21.269	23.395
192	EDGE46	Y	-54.707	-54.707	0	2.085
193	EDGE46	Y	-54.707	-54.707	2.085	4.17
194	EDGE46	Y	-54.707	-68.336	4.17	6.255
195	EDGE46	Y	-68.336	-68.336	6.255	8.341
196	EDGE46	Y	-68.336	-54.707	8.341	10.426
197	EDGE46	Y	-54.707	-54.707	10.426	12.511
198	EDGE46	Y	-54.707	-54.707	12.511	14.596
199	EDGE46	Y	-54.707	-54.707	14.596	16.681
200	EDGE46	Y	-54.707	-63.777	16.681	18.766
201	EDGE46	Y	-63.777	-68.336	18.766	20.851
202	EDGE46	Y	-68.336	-59.265	20.851	22.937
203	EDGE46	Y	-59.265	-50.148	22.937	25.022
204	EDGE47	Y	-54.603	-54.603	0	2.085
205	EDGE47	Y	-54.603	-54.603	2.085	4.17
206	EDGE47	Y	-54.603	-61.4	4.17	6.255
207	EDGE47	Y	-61.4	-65.951	6.255	8.341
208	EDGE47	Y	-65.951	-61.462	8.341	10.426
209	EDGE47	Y	-61.462	-56.962	10.426	12.511
210	EDGE47	Y	-56.962	-54.709	12.511	14.596
211	EDGE47	Y	-54.709	-54.77	14.596	16.681
212	EDGE47	Y	-54.77	-59.506	16.681	18.766
213	EDGE47	Y	-59.506	-62.267	18.766	20.851
214	EDGE47	Y	-62.267	-58.277	20.851	22.937
215	EDGE47	Y	-58.277	-54.134	22.937	25.022
216	M673	Y	-250	-250	2.987e-12	27.515
217	M674	Y	-232.116	-232.116	0	2.117
218	M674	Y	-232.116	-232.116	2.117	4.233
219	M674	Y	-232.116	-290.152	4.233	6.35

Member Distributed Loads (BLC 37 : BLC 2 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
220	M674	Y	-290.152	-290.152	6.35	8.466
221	M674	Y	-290.152	-232.116	8.466	10.583
222	M674	Y	-232.116	-232.116	10.583	12.699
223	M674	Y	-232.116	-232.116	12.699	14.816
224	M674	Y	-232.116	-232.116	14.816	16.932
225	M674	Y	-232.116	-290.152	16.932	19.049
226	M674	Y	-290.152	-290.152	19.049	21.165
227	M674	Y	-290.152	-232.401	21.165	23.282
228	M674	Y	-232.401	-233.38	23.282	25.398
229	M674	Y	-233.38	-234.767	25.398	27.515
230	M675	Y	-154.674	-154.674	0	2.117
231	M675	Y	-154.674	-154.674	2.117	4.233
232	M675	Y	-154.674	-193.342	4.233	6.35
233	M675	Y	-193.342	-193.342	6.35	8.466
234	M675	Y	-193.342	-154.674	8.466	10.583
235	M675	Y	-154.674	-154.674	10.583	12.699
236	M675	Y	-154.674	-154.674	12.699	14.816
237	M675	Y	-154.674	-154.674	14.816	16.932
238	M675	Y	-154.674	-193.342	16.932	19.049
239	M675	Y	-193.342	-193.342	19.049	21.165
240	M675	Y	-193.342	-154.674	21.165	23.282
241	M675	Y	-154.674	-154.674	23.282	25.398
242	M675	Y	-154.674	-154.674	25.398	27.515
243	M676	Y	-154.66	-154.66	0	2.117
244	M676	Y	-154.66	-165.957	2.117	4.233
245	M676	Y	-165.957	-193.329	4.233	6.35
246	M676	Y	-193.329	-182.032	6.35	8.466
247	M676	Y	-182.032	-154.66	8.466	10.583
248	M676	Y	-154.66	-154.66	10.583	12.699
249	M676	Y	-154.66	-156.912	12.699	14.816
250	M676	Y	-156.912	-163.69	14.816	16.932
251	M676	Y	-163.69	-191.077	16.932	19.049
252	M676	Y	-191.077	-184.306	19.049	21.165
253	M676	Y	-184.306	-154.853	21.165	23.282
254	M676	Y	-154.853	-155.382	23.282	25.398
255	M676	Y	-155.382	-156.079	25.398	27.515
256	M677	Y	-250	-250	2.979e-12	27.515
257	M684	Y	-232.116	-232.116	0	2.117
258	M684	Y	-232.116	-232.116	2.117	4.233
259	M684	Y	-232.116	-290.152	4.233	6.35
260	M684	Y	-290.152	-290.152	6.35	8.466
261	M684	Y	-290.152	-232.116	8.466	10.583
262	M684	Y	-232.116	-232.116	10.583	12.699
263	M684	Y	-232.116	-232.116	12.699	14.816
264	M684	Y	-232.116	-232.116	14.816	16.932
265	M684	Y	-232.116	-290.152	16.932	19.049
266	M684	Y	-290.152	-290.152	19.049	21.165
267	M684	Y	-290.152	-232.401	21.165	23.282
268	M684	Y	-232.401	-233.38	23.282	25.398
269	M684	Y	-233.38	-234.767	25.398	27.515
270	M685	Y	-250	-250	2.986e-12	27.515
271	M686	Y	-232.116	-232.116	0	2.117
272	M686	Y	-232.116	-232.116	2.117	4.233
273	M686	Y	-232.116	-290.152	4.233	6.35
274	M686	Y	-290.152	-290.152	6.35	8.466
275	M686	Y	-290.152	-232.116	8.466	10.583
276	M686	Y	-232.116	-232.116	10.583	12.699
277	M686	Y	-232.116	-232.116	12.699	14.816
278	M686	Y	-232.116	-232.116	14.816	16.932
279	M686	Y	-232.116	-290.152	16.932	19.049
280	M686	Y	-290.152	-290.152	19.049	21.165
281	M686	Y	-290.152	-232.401	21.165	23.282
282	M686	Y	-232.401	-233.38	23.282	25.398
283	M686	Y	-233.38	-234.767	25.398	27.515
284	M687	Y	-228.08	-228.08	0	2.117
285	M687	Y	-228.08	-228.08	2.117	4.233
286	M687	Y	-228.08	-285.099	4.233	6.35
287	M687	Y	-285.099	-285.099	6.35	8.466

Member Distributed Loads (BLC 37 : BLC 2 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
288	M687	Y	-285.099	-228.08	8.466	10.583
289	M687	Y	-228.08	-228.08	10.583	12.699
290	M687	Y	-228.08	-228.08	12.699	14.816
291	M687	Y	-228.08	-228.08	14.816	16.932
292	M687	Y	-228.08	-285.099	16.932	19.049
293	M687	Y	-285.099	-285.099	19.049	21.165
294	M687	Y	-285.099	-228.08	21.165	23.282
295	M687	Y	-228.08	-228.08	23.282	25.398
296	M687	Y	-228.08	-228.08	25.398	27.515
297	M688	Y	-228.045	-228.045	0	2.117
298	M688	Y	-228.045	-251.36	2.117	4.233
299	M688	Y	-251.36	-285.065	4.233	6.35
300	M688	Y	-285.065	-261.75	6.35	8.466
301	M688	Y	-261.75	-228.045	8.466	10.583
302	M688	Y	-228.045	-228.045	10.583	12.699
303	M688	Y	-228.045	-232.692	12.699	14.816
304	M688	Y	-232.692	-246.681	14.816	16.932
305	M688	Y	-246.681	-280.424	16.932	19.049
306	M688	Y	-280.424	-266.727	19.049	21.165
307	M688	Y	-266.727	-229.383	21.165	23.282
308	M688	Y	-229.383	-231.04	23.282	25.398
309	M688	Y	-231.04	-232.847	25.398	27.515
310	M689	Y	-250	-250	2.939e-12	27.515
311	M690	Y	-232.116	-232.116	0	2.117
312	M690	Y	-232.116	-232.116	2.117	4.233
313	M690	Y	-232.116	-290.152	4.233	6.35
314	M690	Y	-290.152	-290.152	6.35	8.466
315	M690	Y	-290.152	-232.116	8.466	10.583
316	M690	Y	-232.116	-232.116	10.583	12.699
317	M690	Y	-232.116	-232.116	12.699	14.816
318	M690	Y	-232.116	-232.116	14.816	16.932
319	M690	Y	-232.116	-290.152	16.932	19.049
320	M690	Y	-290.152	-290.152	19.049	21.165
321	M690	Y	-290.152	-232.401	21.165	23.282
322	M690	Y	-232.401	-233.38	23.282	25.398
323	M690	Y	-233.38	-234.767	25.398	27.515
324	M691	Y	-250	-250	2.771e-12	27.515
325	M692	Y	-232.116	-232.116	0	2.117
326	M692	Y	-232.116	-232.116	2.117	4.233
327	M692	Y	-232.116	-290.152	4.233	6.35
328	M692	Y	-290.152	-290.152	6.35	8.466
329	M692	Y	-290.152	-232.116	8.466	10.583
330	M692	Y	-232.116	-232.116	10.583	12.699
331	M692	Y	-232.116	-232.116	12.699	14.816
332	M692	Y	-232.116	-232.116	14.816	16.932
333	M692	Y	-232.116	-290.152	16.932	19.049
334	M692	Y	-290.152	-290.152	19.049	21.165
335	M692	Y	-290.152	-232.401	21.165	23.282
336	M692	Y	-232.401	-233.38	23.282	25.398
337	M692	Y	-233.38	-234.767	25.398	27.515
338	M693	Y	-250	-250	3.179e-12	27.515
339	M694	Y	-232.116	-232.116	0	2.117
340	M694	Y	-232.116	-232.116	2.117	4.233
341	M694	Y	-232.116	-290.152	4.233	6.35
342	M694	Y	-290.152	-290.152	6.35	8.466
343	M694	Y	-290.152	-232.116	8.466	10.583
344	M694	Y	-232.116	-232.116	10.583	12.699
345	M694	Y	-232.116	-232.116	12.699	14.816
346	M694	Y	-232.116	-232.116	14.816	16.932
347	M694	Y	-232.116	-290.152	16.932	19.049
348	M694	Y	-290.152	-290.152	19.049	21.165
349	M694	Y	-290.152	-232.401	21.165	23.282
350	M694	Y	-232.401	-233.38	23.282	25.398
351	M694	Y	-233.38	-234.767	25.398	27.515
352	M695	Y	-233.125	-233.125	3.059e-12	27.515
353	M696	Y	-216.45	-216.45	0	2.117
354	M696	Y	-216.45	-216.45	2.117	4.233
355	M696	Y	-216.45	-270.568	4.233	6.35

Member Distributed Loads (BLC 37 : BLC 2 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
356	M696	Y	-270.568	-270.568	6.35	8.466
357	M696	Y	-270.568	-216.45	8.466	10.583
358	M696	Y	-216.45	-216.45	10.583	12.699
359	M696	Y	-216.45	-216.45	12.699	14.816
360	M696	Y	-216.45	-216.45	14.816	16.932
361	M696	Y	-216.45	-270.568	16.932	19.049
362	M696	Y	-270.568	-270.568	19.049	21.165
363	M696	Y	-270.568	-216.726	21.165	23.282
364	M696	Y	-216.726	-217.615	23.282	25.398
365	M696	Y	-217.615	-218.841	25.398	27.515
366	DIAPH227	Y	-145.625	-145.625	0	8.257
367	EDGE12	Y	-133.75	-133.75	0	8.257
368	EDGE43	Y	-11.875	-11.875	0	8.257
369	BM16	Y	-202.025	-201.929	0	2.082
370	BM16	Y	-201.929	-201.663	2.082	4.164
371	BM16	Y	-201.663	-198.821	4.164	6.246
372	BM16	Y	-198.821	-198.095	6.246	8.329
373	BM16	Y	-198.095	-198.383	8.329	10.411
374	BM16	Y	-198.383	-195.492	10.411	12.493
375	BM16	Y	-195.492	-195.468	12.493	14.575
376	BM16	Y	-195.468	-198.659	14.575	16.657
377	BM16	Y	-198.659	-200.406	16.657	18.739
378	BM16	Y	-200.406	-197.807	18.739	20.822
379	BM16	Y	-197.807	-200.36	20.822	22.904
380	BM16	Y	-200.36	-205.347	22.904	24.986
381	BM16	Y	-205.347	-205.385	24.986	27.068
382	BM16	Y	-205.385	-205.413	27.068	29.15
383	BM17	Y	-150.681	-150.725	0	2.082
384	BM17	Y	-150.725	-150.776	2.082	4.164
385	BM17	Y	-150.776	-180.991	4.164	6.246
386	BM17	Y	-180.991	-182.993	6.246	8.329
387	BM17	Y	-182.993	-151.807	8.329	10.411
388	BM17	Y	-151.807	-149.472	10.411	12.493
389	BM17	Y	-149.472	-151.433	12.493	14.575
390	BM17	Y	-151.433	-153.285	14.575	16.657
391	BM17	Y	-153.285	-157.922	16.657	18.739
392	BM17	Y	-157.922	-181.564	18.739	20.822
393	BM17	Y	-181.564	-176.135	20.822	22.904
394	BM17	Y	-176.135	-151.16	22.904	24.986
395	BM17	Y	-151.16	-151.143	24.986	27.068
396	BM17	Y	-151.143	-151.077	27.068	29.15
397	BM35	Y	-205.039	-204.921	0	2.082
398	BM35	Y	-204.921	-204.628	2.082	4.164
399	BM35	Y	-204.628	-199.871	4.164	6.246
400	BM35	Y	-199.871	-195.114	6.246	8.329
401	BM35	Y	-195.114	-194.789	8.329	10.411
402	BM35	Y	-194.789	-194.673	10.411	12.493
403	BM35	Y	-194.673	-194.548	12.493	14.575
404	BM35	Y	-194.548	-194.383	14.575	16.657
405	BM35	Y	-194.383	-194.561	16.657	18.739
406	BM35	Y	-194.561	-195.413	18.739	20.822
407	BM35	Y	-195.413	-201.968	20.822	22.904
408	BM35	Y	-201.968	-208.478	22.904	24.986
409	BM35	Y	-208.478	-209.271	24.986	27.068
410	BM35	Y	-209.271	-209.724	27.068	29.15
411	BM36	Y	-205.067	-204.956	0	2.082
412	BM36	Y	-204.956	-204.673	2.082	4.164
413	BM36	Y	-204.673	-199.885	4.164	6.246
414	BM36	Y	-199.885	-195.075	6.246	8.329
415	BM36	Y	-195.075	-194.744	8.329	10.411
416	BM36	Y	-194.744	-194.648	10.411	12.493
417	BM36	Y	-194.648	-194.539	12.493	14.575
418	BM36	Y	-194.539	-194.395	14.575	16.657
419	BM36	Y	-194.395	-194.592	16.657	18.739
420	BM36	Y	-194.592	-195.393	18.739	20.822
421	BM36	Y	-195.393	-201.921	20.822	22.904
422	BM36	Y	-201.921	-208.476	22.904	24.986
423	BM36	Y	-208.476	-209.292	24.986	27.068

Member Distributed Loads (BLC 37 : BLC 2 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
424	BM36	Y	-209.292	-209.757	27.068	29.15
425	BM37	Y	-198.422	-198.062	0	2.082
426	BM37	Y	-198.062	-197.46	2.082	4.164
427	BM37	Y	-197.46	-192.328	4.164	6.246
428	BM37	Y	-192.328	-187.202	6.246	8.329
429	BM37	Y	-187.202	-186.448	8.329	10.411
430	BM37	Y	-186.448	-189.427	10.411	12.493
431	BM37	Y	-189.427	-194.152	12.493	14.575
432	BM37	Y	-194.152	-193.332	14.575	16.657
433	BM37	Y	-193.332	-190.607	16.657	18.739
434	BM37	Y	-190.607	-185.547	18.739	20.822
435	BM37	Y	-185.547	-193.702	20.822	22.904
436	BM37	Y	-193.702	-207.916	22.904	24.986
437	BM37	Y	-207.916	-201.207	24.986	27.068
438	BM37	Y	-201.207	-184.798	27.068	29.15
439	EDGE18	Y	-88.746	-88.757	0	2.082
440	EDGE18	Y	-88.757	-88.755	2.082	4.164
441	EDGE18	Y	-88.755	-94.202	4.164	6.246
442	EDGE18	Y	-94.202	-101.531	6.246	8.329
443	EDGE18	Y	-101.531	-103.17	8.329	10.411
444	EDGE18	Y	-103.17	-97.008	10.411	12.493
445	EDGE18	Y	-97.008	-88.892	12.493	14.575
446	EDGE18	Y	-88.892	-86.441	14.575	16.657
447	EDGE18	Y	-86.441	-86.111	16.657	18.739
448	EDGE18	Y	-86.111	-95.051	18.739	20.822
449	EDGE18	Y	-95.051	-107.459	20.822	22.904
450	EDGE18	Y	-107.459	-98.38	22.904	24.986
451	EDGE18	Y	-98.38	-85.909	24.986	27.068
452	EDGE18	Y	-85.909	-85.92	27.068	29.15
453	EDGE34	Y	-59.599	-59.672	0	2.059
454	EDGE34	Y	-59.672	-59.964	2.059	4.119
455	EDGE34	Y	-59.964	-60.686	4.119	6.178
456	EDGE34	Y	-60.686	-62.285	6.178	8.238
457	EDGE34	Y	-62.285	-65.372	8.238	10.297
458	EDGE34	Y	-65.372	-65.398	10.297	12.357
459	EDGE34	Y	-65.398	-62.39	12.357	14.416
460	EDGE34	Y	-62.39	-60.904	14.416	16.476
461	EDGE34	Y	-60.904	-60.295	16.476	18.535
462	EDGE34	Y	-60.295	-60.132	18.535	20.595
463	EDGE34	Y	-60.132	-60.333	20.595	22.654
464	EDGE34	Y	-60.333	-60.833	22.654	24.714
465	EDGE34	Y	-60.833	-61.516	24.714	26.773
466	EDGE49	Y	0	-67.754	0	0.475
467	EDGE49	Y	-67.754	-67.754	0.475	0.951
468	EDGE49	Y	-67.754	-68.159	0.951	1.426
469	EDGE49	Y	-68.159	-68.159	1.426	1.902
470	EDGE49	Y	-68.159	0	1.902	2.377
471	BM10	Y	-250.023	-250.023	0	2.01
472	BM10	Y	-250.023	-250.023	2.01	4.021
473	BM10	Y	-250.023	-250.023	4.021	6.031
474	BM10	Y	-250.023	-250.023	6.031	8.042
475	BM10	Y	-250.023	-250.023	8.042	10.052
476	BM10	Y	-250.023	-250.023	10.052	12.063
477	BM10	Y	-250.023	-250.023	12.063	14.073
478	BM10	Y	-250.023	-250.023	14.073	16.084
479	BM10	Y	-250.023	-250.023	16.084	18.094
480	BM10	Y	-250.023	-250.023	18.094	20.104
481	BM10	Y	-250.023	-250.023	20.104	22.115
482	BM10	Y	-250.023	-250.023	22.115	24.125
483	BM10	Y	-250.023	-250.023	24.125	26.136
484	BM10	Y	-250.023	-249.724	26.136	28.146
485	BM10	Y	-249.724	-248.692	28.146	30.157
486	BM10	Y	-248.692	-247.225	30.157	32.167
487	BM11	Y	-245.349	-245.349	0	2.01
488	BM11	Y	-245.349	-245.349	2.01	4.021
489	BM11	Y	-245.349	-245.349	4.021	6.031
490	BM11	Y	-245.349	-245.349	6.031	8.042
491	BM11	Y	-245.349	-245.349	8.042	10.052

Member Distributed Loads (BLC 37 : BLC 2 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
492	BM11	Y	-245.349	-245.511	10.052	12.063
493	BM11	Y	-245.511	-245.971	12.063	14.073
494	BM11	Y	-245.971	-246.557	14.073	16.084
495	BM11	Y	-246.557	-247.18	16.084	18.094
496	BM11	Y	-247.18	-247.648	18.094	20.104
497	BM11	Y	-247.648	-247.817	20.104	22.115
498	BM11	Y	-247.817	-247.884	22.115	24.125
499	BM11	Y	-247.884	-247.899	24.125	26.136
500	BM11	Y	-247.899	-247.674	26.136	28.146
501	BM11	Y	-247.674	-246.963	28.146	30.157
502	BM11	Y	-246.963	-245.958	30.157	32.167
503	BM12	Y	-250.023	-250.023	0	2.01
504	BM12	Y	-250.023	-250.023	2.01	4.021
505	BM12	Y	-250.023	-250.023	4.021	6.031
506	BM12	Y	-250.023	-250.023	6.031	8.042
507	BM12	Y	-250.023	-250.023	8.042	10.052
508	BM12	Y	-250.023	-250.023	10.052	12.063
509	BM12	Y	-250.023	-250.023	12.063	14.073
510	BM12	Y	-250.023	-250.023	14.073	16.084
511	BM12	Y	-250.023	-250.023	16.084	18.094
512	BM12	Y	-250.023	-250.023	18.094	20.104
513	BM12	Y	-250.023	-250.023	20.104	22.115
514	BM12	Y	-250.023	-250.023	22.115	24.125
515	BM12	Y	-250.023	-250.023	24.125	26.136
516	BM12	Y	-250.023	-249.724	26.136	28.146
517	BM12	Y	-249.724	-248.692	28.146	30.157
518	BM12	Y	-248.692	-247.225	30.157	32.167
519	BM13	Y	-250.023	-250.023	0	2.01
520	BM13	Y	-250.023	-250.023	2.01	4.021
521	BM13	Y	-250.023	-250.023	4.021	6.031
522	BM13	Y	-250.023	-250.023	6.031	8.042
523	BM13	Y	-250.023	-250.023	8.042	10.052
524	BM13	Y	-250.023	-250.023	10.052	12.063
525	BM13	Y	-250.023	-250.023	12.063	14.073
526	BM13	Y	-250.023	-250.023	14.073	16.084
527	BM13	Y	-250.023	-250.023	16.084	18.094
528	BM13	Y	-250.023	-250.023	18.094	20.104
529	BM13	Y	-250.023	-250.023	20.104	22.115
530	BM13	Y	-250.023	-250.023	22.115	24.125
531	BM13	Y	-250.023	-250.023	24.125	26.136
532	BM13	Y	-250.023	-249.724	26.136	28.146
533	BM13	Y	-249.724	-248.692	28.146	30.157
534	BM13	Y	-248.692	-247.225	30.157	32.167
535	BM14	Y	-250.023	-250.023	0	2.01
536	BM14	Y	-250.023	-250.023	2.01	4.021
537	BM14	Y	-250.023	-250.023	4.021	6.031
538	BM14	Y	-250.023	-250.023	6.031	8.042
539	BM14	Y	-250.023	-250.023	8.042	10.052
540	BM14	Y	-250.023	-250.023	10.052	12.063
541	BM14	Y	-250.023	-250.023	12.063	14.073
542	BM14	Y	-250.023	-250.023	14.073	16.084
543	BM14	Y	-250.023	-250.023	16.084	18.094
544	BM14	Y	-250.023	-250.023	18.094	20.104
545	BM14	Y	-250.023	-250.023	20.104	22.115
546	BM14	Y	-250.023	-250.023	22.115	24.125
547	BM14	Y	-250.023	-250.023	24.125	26.136
548	BM14	Y	-250.023	-249.724	26.136	28.146
549	BM14	Y	-249.724	-248.692	28.146	30.157
550	BM14	Y	-248.692	-247.225	30.157	32.167
551	BM15	Y	-166.434	-166.434	0	2.01
552	BM15	Y	-166.434	-166.434	2.01	4.021
553	BM15	Y	-166.434	-166.434	4.021	6.031
554	BM15	Y	-166.434	-166.434	6.031	8.042
555	BM15	Y	-166.434	-166.448	8.042	10.052
556	BM15	Y	-166.448	-166.656	10.052	12.063
557	BM15	Y	-166.656	-167.202	12.063	14.073
558	BM15	Y	-167.202	-168.055	14.073	16.084
559	BM15	Y	-168.055	-169.242	16.084	18.094

Member Distributed Loads (BLC 37 : BLC 2 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
560	BM15	Y	-169.242	-170.165	18.094	20.104
561	BM15	Y	-170.165	-169.771	20.104	22.115
562	BM15	Y	-169.771	-168.432	22.115	24.125
563	BM15	Y	-168.432	-167.199	24.125	26.136
564	BM15	Y	-167.199	-166.324	26.136	28.146
565	BM15	Y	-166.324	-165.859	28.146	30.157
566	BM15	Y	-165.859	-165.633	30.157	32.167
567	BM18	Y	-250.009	-250.009	0.017	32.162
568	BM20	Y	-156.878	-157.385	0	2.117
569	BM20	Y	-157.385	-158.317	2.117	4.233
570	BM20	Y	-158.317	-181.766	4.233	6.35
571	BM20	Y	-181.766	-183.15	6.35	8.466
572	BM20	Y	-183.15	-160.785	8.466	10.583
573	BM20	Y	-160.785	-158.974	10.583	12.699
574	BM20	Y	-158.974	-157.412	12.699	14.816
575	BM20	Y	-157.412	-156.13	14.816	16.932
576	BM20	Y	-156.13	-182.633	16.932	19.049
577	BM20	Y	-182.633	-193.483	19.049	21.165
578	BM20	Y	-193.483	-165.98	21.165	23.282
579	BM20	Y	-165.98	-154.684	23.282	25.398
580	BM20	Y	-154.684	-154.684	25.398	27.515
581	BM21	Y	-234.767	-233.38	0	2.117
582	BM21	Y	-233.38	-232.401	2.117	4.233
583	BM21	Y	-232.401	-290.152	4.233	6.35
584	BM21	Y	-290.152	-290.152	6.35	8.466
585	BM21	Y	-290.152	-232.116	8.466	10.583
586	BM21	Y	-232.116	-232.116	10.583	12.699
587	BM21	Y	-232.116	-232.116	12.699	14.816
588	BM21	Y	-232.116	-232.116	14.816	16.932
589	BM21	Y	-232.116	-290.152	16.932	19.049
590	BM21	Y	-290.152	-290.152	19.049	21.165
591	BM21	Y	-290.152	-232.116	21.165	23.282
592	BM21	Y	-232.116	-232.116	23.282	25.398
593	BM21	Y	-232.116	-232.116	25.398	27.515
594	BM22	Y	-250.009	-250.009	0.017	32.162
595	BM24	Y	-234.767	-233.38	0	2.117
596	BM24	Y	-233.38	-232.401	2.117	4.233
597	BM24	Y	-232.401	-290.152	4.233	6.35
598	BM24	Y	-290.152	-290.152	6.35	8.466
599	BM24	Y	-290.152	-232.116	8.466	10.583
600	BM24	Y	-232.116	-232.116	10.583	12.699
601	BM24	Y	-232.116	-232.116	12.699	14.816
602	BM24	Y	-232.116	-232.116	14.816	16.932
603	BM24	Y	-232.116	-290.152	16.932	19.049
604	BM24	Y	-290.152	-290.152	19.049	21.165
605	BM24	Y	-290.152	-232.116	21.165	23.282
606	BM24	Y	-232.116	-232.116	23.282	25.398
607	BM24	Y	-232.116	-232.116	25.398	27.515
608	BM25	Y	-234.767	-233.38	0	2.117
609	BM25	Y	-233.38	-232.401	2.117	4.233
610	BM25	Y	-232.401	-290.152	4.233	6.35
611	BM25	Y	-290.152	-290.152	6.35	8.466
612	BM25	Y	-290.152	-232.116	8.466	10.583
613	BM25	Y	-232.116	-232.116	10.583	12.699
614	BM25	Y	-232.116	-232.116	12.699	14.816
615	BM25	Y	-232.116	-232.116	14.816	16.932
616	BM25	Y	-232.116	-290.152	16.932	19.049
617	BM25	Y	-290.152	-290.152	19.049	21.165
618	BM25	Y	-290.152	-232.116	21.165	23.282
619	BM25	Y	-232.116	-232.116	23.282	25.398
620	BM25	Y	-232.116	-232.116	25.398	27.515
621	BM27	Y	-234.767	-233.38	0	2.117
622	BM27	Y	-233.38	-232.401	2.117	4.233
623	BM27	Y	-232.401	-290.152	4.233	6.35
624	BM27	Y	-290.152	-290.152	6.35	8.466
625	BM27	Y	-290.152	-232.116	8.466	10.583
626	BM27	Y	-232.116	-232.116	10.583	12.699
627	BM27	Y	-232.116	-232.116	12.699	14.816

Member Distributed Loads (BLC 37 : BLC 2 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
628	BM27	Y	-232.116	-232.116	14.816	16.932
629	BM27	Y	-232.116	-290.152	16.932	19.049
630	BM27	Y	-290.152	-290.152	19.049	21.165
631	BM27	Y	-290.152	-232.116	21.165	23.282
632	BM27	Y	-232.116	-232.116	23.282	25.398
633	BM27	Y	-232.116	-232.116	25.398	27.515
634	BM32	Y	-250.023	-250.023	0	2.01
635	BM32	Y	-250.023	-250.023	2.01	4.021
636	BM32	Y	-250.023	-250.023	4.021	6.031
637	BM32	Y	-250.023	-250.023	6.031	8.042
638	BM32	Y	-250.023	-250.023	8.042	10.052
639	BM32	Y	-250.023	-250.023	10.052	12.063
640	BM32	Y	-250.023	-250.023	12.063	14.073
641	BM32	Y	-250.023	-250.023	14.073	16.084
642	BM32	Y	-250.023	-250.023	16.084	18.094
643	BM32	Y	-250.023	-250.023	18.094	20.104
644	BM32	Y	-250.023	-250.023	20.104	22.115
645	BM32	Y	-250.023	-250.023	22.115	24.125
646	BM32	Y	-250.023	-250.023	24.125	26.136
647	BM32	Y	-250.023	-249.724	26.136	28.146
648	BM32	Y	-249.724	-248.692	28.146	30.157
649	BM32	Y	-248.692	-247.225	30.157	32.167
650	BM33	Y	-250.023	-250.023	0	2.01
651	BM33	Y	-250.023	-250.023	2.01	4.021
652	BM33	Y	-250.023	-250.023	4.021	6.031
653	BM33	Y	-250.023	-250.023	6.031	8.042
654	BM33	Y	-250.023	-250.023	8.042	10.052
655	BM33	Y	-250.023	-250.023	10.052	12.063
656	BM33	Y	-250.023	-250.023	12.063	14.073
657	BM33	Y	-250.023	-250.023	14.073	16.084
658	BM33	Y	-250.023	-250.023	16.084	18.094
659	BM33	Y	-250.023	-250.023	18.094	20.104
660	BM33	Y	-250.023	-250.023	20.104	22.115
661	BM33	Y	-250.023	-250.023	22.115	24.125
662	BM33	Y	-250.023	-250.023	24.125	26.136
663	BM33	Y	-250.023	-249.724	26.136	28.146
664	BM33	Y	-249.724	-248.692	28.146	30.157
665	BM33	Y	-248.692	-247.225	30.157	32.167
666	BM34	Y	-233.145	-233.145	0	2.01
667	BM34	Y	-233.145	-233.145	2.01	4.021
668	BM34	Y	-233.145	-233.145	4.021	6.031
669	BM34	Y	-233.145	-233.145	6.031	8.042
670	BM34	Y	-233.145	-233.145	8.042	10.052
671	BM34	Y	-233.145	-233.145	10.052	12.063
672	BM34	Y	-233.145	-233.145	12.063	14.073
673	BM34	Y	-233.145	-233.145	14.073	16.084
674	BM34	Y	-233.145	-233.145	16.084	18.094
675	BM34	Y	-233.145	-233.145	18.094	20.104
676	BM34	Y	-233.145	-233.145	20.104	22.115
677	BM34	Y	-233.145	-233.145	22.115	24.125
678	BM34	Y	-233.145	-233.145	24.125	26.136
679	BM34	Y	-233.145	-232.84	26.136	28.146
680	BM34	Y	-232.84	-231.91	28.146	30.157
681	BM34	Y	-231.91	-230.656	30.157	32.167
682	BM38	Y	-233.32	-231.546	0	2.117
683	BM38	Y	-231.546	-230.035	2.117	4.233
684	BM38	Y	-230.035	-267.366	4.233	6.35
685	BM38	Y	-267.366	-280.685	6.35	8.466
686	BM38	Y	-280.685	-246.695	8.466	10.583
687	BM38	Y	-246.695	-232.692	10.583	12.699
688	BM38	Y	-232.692	-228.045	12.699	14.816
689	BM38	Y	-228.045	-228.045	14.816	16.932
690	BM38	Y	-228.045	-261.75	16.932	19.049
691	BM38	Y	-261.75	-285.065	19.049	21.165
692	BM38	Y	-285.065	-251.36	21.165	23.282
693	BM38	Y	-251.36	-228.045	23.282	25.398
694	BM38	Y	-228.045	-228.045	25.398	27.515
695	BM39	Y	-234.767	-233.38	0	2.117

Member Distributed Loads (BLC 37 : BLC 2 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
696	BM39	Y	-233.38	-232.401	2.117	4.233
697	BM39	Y	-232.401	-290.152	4.233	6.35
698	BM39	Y	-290.152	-290.152	6.35	8.466
699	BM39	Y	-290.152	-232.116	8.466	10.583
700	BM39	Y	-232.116	-232.116	10.583	12.699
701	BM39	Y	-232.116	-232.116	12.699	14.816
702	BM39	Y	-232.116	-232.116	14.816	16.932
703	BM39	Y	-232.116	-290.152	16.932	19.049
704	BM39	Y	-290.152	-290.152	19.049	21.165
705	BM39	Y	-290.152	-232.116	21.165	23.282
706	BM39	Y	-232.116	-232.116	23.282	25.398
707	BM39	Y	-232.116	-232.116	25.398	27.515
708	BM40	Y	-218.866	-217.622	0	2.117
709	BM40	Y	-217.622	-216.725	2.117	4.233
710	BM40	Y	-216.725	-270.568	4.233	6.35

Member Distributed Loads (BLC 38 : BLC 3 Transient Area Loads)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	DIAPH227	Y	-87.375	-87.375	0	8.257
2	EDGE12	Y	-80.25	-80.25	0	8.257
3	EDGE43	Y	-7.125	-7.125	0	8.257
4	BM10	Y	-150.014	-150.014	0	2.01
5	BM10	Y	-150.014	-150.014	2.01	4.021
6	BM10	Y	-150.014	-150.014	4.021	6.031
7	BM10	Y	-150.014	-150.014	6.031	8.042
8	BM10	Y	-150.014	-150.014	8.042	10.052
9	BM10	Y	-150.014	-150.014	10.052	12.063
10	BM10	Y	-150.014	-150.014	12.063	14.073
11	BM10	Y	-150.014	-150.014	14.073	16.084
12	BM10	Y	-150.014	-150.014	16.084	18.094
13	BM10	Y	-150.014	-150.014	18.094	20.104
14	BM10	Y	-150.014	-150.014	20.104	22.115
15	BM10	Y	-150.014	-150.014	22.115	24.125
16	BM10	Y	-150.014	-150.014	24.125	26.136
17	BM10	Y	-150.014	-149.835	26.136	28.146
18	BM10	Y	-149.835	-149.215	28.146	30.157
19	BM10	Y	-149.215	-148.335	30.157	32.167
20	BM11	Y	-147.209	-147.209	0	2.01
21	BM11	Y	-147.209	-147.209	2.01	4.021
22	BM11	Y	-147.209	-147.209	4.021	6.031
23	BM11	Y	-147.209	-147.209	6.031	8.042
24	BM11	Y	-147.209	-147.209	8.042	10.052
25	BM11	Y	-147.209	-147.306	10.052	12.063
26	BM11	Y	-147.306	-147.582	12.063	14.073
27	BM11	Y	-147.582	-147.934	14.073	16.084
28	BM11	Y	-147.934	-148.308	16.084	18.094
29	BM11	Y	-148.308	-148.589	18.094	20.104
30	BM11	Y	-148.589	-148.69	20.104	22.115
31	BM11	Y	-148.69	-148.73	22.115	24.125
32	BM11	Y	-148.73	-148.74	24.125	26.136
33	BM11	Y	-148.74	-148.604	26.136	28.146
34	BM11	Y	-148.604	-148.178	28.146	30.157
35	BM11	Y	-148.178	-147.575	30.157	32.167
36	BM12	Y	-150.014	-150.014	0	2.01
37	BM12	Y	-150.014	-150.014	2.01	4.021
38	BM12	Y	-150.014	-150.014	4.021	6.031
39	BM12	Y	-150.014	-150.014	6.031	8.042
40	BM12	Y	-150.014	-150.014	8.042	10.052
41	BM12	Y	-150.014	-150.014	10.052	12.063
42	BM12	Y	-150.014	-150.014	12.063	14.073
43	BM12	Y	-150.014	-150.014	14.073	16.084
44	BM12	Y	-150.014	-150.014	16.084	18.094
45	BM12	Y	-150.014	-150.014	18.094	20.104
46	BM12	Y	-150.014	-150.014	20.104	22.115
47	BM12	Y	-150.014	-150.014	22.115	24.125
48	BM12	Y	-150.014	-150.014	24.125	26.136
49	BM12	Y	-150.014	-149.835	26.136	28.146
50	BM12	Y	-149.835	-149.215	28.146	30.157

Member Distributed Loads (BLC 38 : BLC 3 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
51	BM12	Y	-149.215	-148.335	30.157	32.167
52	BM13	Y	-150.014	-150.014	0	2.01
53	BM13	Y	-150.014	-150.014	2.01	4.021
54	BM13	Y	-150.014	-150.014	4.021	6.031
55	BM13	Y	-150.014	-150.014	6.031	8.042
56	BM13	Y	-150.014	-150.014	8.042	10.052
57	BM13	Y	-150.014	-150.014	10.052	12.063
58	BM13	Y	-150.014	-150.014	12.063	14.073
59	BM13	Y	-150.014	-150.014	14.073	16.084
60	BM13	Y	-150.014	-150.014	16.084	18.094
61	BM13	Y	-150.014	-150.014	18.094	20.104
62	BM13	Y	-150.014	-150.014	20.104	22.115
63	BM13	Y	-150.014	-150.014	22.115	24.125
64	BM13	Y	-150.014	-150.014	24.125	26.136
65	BM13	Y	-150.014	-149.835	26.136	28.146
66	BM13	Y	-149.835	-149.215	28.146	30.157
67	BM13	Y	-149.215	-148.335	30.157	32.167
68	BM14	Y	-150.014	-150.014	0	2.01
69	BM14	Y	-150.014	-150.014	2.01	4.021
70	BM14	Y	-150.014	-150.014	4.021	6.031
71	BM14	Y	-150.014	-150.014	6.031	8.042
72	BM14	Y	-150.014	-150.014	8.042	10.052
73	BM14	Y	-150.014	-150.014	10.052	12.063
74	BM14	Y	-150.014	-150.014	12.063	14.073
75	BM14	Y	-150.014	-150.014	14.073	16.084
76	BM14	Y	-150.014	-150.014	16.084	18.094
77	BM14	Y	-150.014	-150.014	18.094	20.104
78	BM14	Y	-150.014	-150.014	20.104	22.115
79	BM14	Y	-150.014	-150.014	22.115	24.125
80	BM14	Y	-150.014	-150.014	24.125	26.136
81	BM14	Y	-150.014	-149.835	26.136	28.146
82	BM14	Y	-149.835	-149.215	28.146	30.157
83	BM14	Y	-149.215	-148.335	30.157	32.167
84	BM15	Y	-99.861	-99.861	0	2.01
85	BM15	Y	-99.861	-99.861	2.01	4.021
86	BM15	Y	-99.861	-99.861	4.021	6.031
87	BM15	Y	-99.861	-99.861	6.031	8.042
88	BM15	Y	-99.861	-99.869	8.042	10.052
89	BM15	Y	-99.869	-99.993	10.052	12.063
90	BM15	Y	-99.993	-100.321	12.063	14.073
91	BM15	Y	-100.321	-100.833	14.073	16.084
92	BM15	Y	-100.833	-101.545	16.084	18.094
93	BM15	Y	-101.545	-102.099	18.094	20.104
94	BM15	Y	-102.099	-101.863	20.104	22.115
95	BM15	Y	-101.863	-101.059	22.115	24.125
96	BM15	Y	-101.059	-100.319	24.125	26.136
97	BM15	Y	-100.319	-99.794	26.136	28.146
98	BM15	Y	-99.794	-99.515	28.146	30.157
99	BM15	Y	-99.515	-99.38	30.157	32.167
100	BM18	Y	-150.005	-150.005	0.017	32.162
101	BM20	Y	-94.127	-94.431	0	2.117
102	BM20	Y	-94.431	-94.99	2.117	4.233
103	BM20	Y	-94.99	-109.06	4.233	6.35
104	BM20	Y	-109.06	-109.89	6.35	8.466
105	BM20	Y	-109.89	-96.471	8.466	10.583
106	BM20	Y	-96.471	-95.384	10.583	12.699
107	BM20	Y	-95.384	-94.447	12.699	14.816
108	BM20	Y	-94.447	-93.678	14.816	16.932
109	BM20	Y	-93.678	-109.58	16.932	19.049
110	BM20	Y	-109.58	-116.09	19.049	21.165
111	BM20	Y	-116.09	-99.588	21.165	23.282
112	BM20	Y	-99.588	-92.81	23.282	25.398
113	BM20	Y	-92.81	-92.81	25.398	27.515
114	BM21	Y	-140.86	-140.028	0	2.117
115	BM21	Y	-140.028	-139.441	2.117	4.233
116	BM21	Y	-139.441	-174.091	4.233	6.35
117	BM21	Y	-174.091	-174.091	6.35	8.466
118	BM21	Y	-174.091	-139.27	8.466	10.583

Member Distributed Loads (BLC 38 : BLC 3 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
119	BM21	Y	-139.27	-139.27	10.583	12.699
120	BM21	Y	-139.27	-139.27	12.699	14.816
121	BM21	Y	-139.27	-139.27	14.816	16.932
122	BM21	Y	-139.27	-174.091	16.932	19.049
123	BM21	Y	-174.091	-174.091	19.049	21.165
124	BM21	Y	-174.091	-139.27	21.165	23.282
125	BM21	Y	-139.27	-139.27	23.282	25.398
126	BM21	Y	-139.27	-139.27	25.398	27.515
127	BM22	Y	-150.005	-150.005	0.017	32.162
128	BM24	Y	-140.86	-140.028	0	2.117
129	BM24	Y	-140.028	-139.441	2.117	4.233
130	BM24	Y	-139.441	-174.091	4.233	6.35
131	BM24	Y	-174.091	-174.091	6.35	8.466
132	BM24	Y	-174.091	-139.27	8.466	10.583
133	BM24	Y	-139.27	-139.27	10.583	12.699
134	BM24	Y	-139.27	-139.27	12.699	14.816
135	BM24	Y	-139.27	-139.27	14.816	16.932
136	BM24	Y	-139.27	-174.091	16.932	19.049
137	BM24	Y	-174.091	-174.091	19.049	21.165
138	BM24	Y	-174.091	-139.27	21.165	23.282
139	BM24	Y	-139.27	-139.27	23.282	25.398
140	BM24	Y	-139.27	-139.27	25.398	27.515
141	BM25	Y	-140.86	-140.028	0	2.117
142	BM25	Y	-140.028	-139.441	2.117	4.233
143	BM25	Y	-139.441	-174.091	4.233	6.35
144	BM25	Y	-174.091	-174.091	6.35	8.466
145	BM25	Y	-174.091	-139.27	8.466	10.583
146	BM25	Y	-139.27	-139.27	10.583	12.699
147	BM25	Y	-139.27	-139.27	12.699	14.816
148	BM25	Y	-139.27	-139.27	14.816	16.932
149	BM25	Y	-139.27	-174.091	16.932	19.049
150	BM25	Y	-174.091	-174.091	19.049	21.165
151	BM25	Y	-174.091	-139.27	21.165	23.282
152	BM25	Y	-139.27	-139.27	23.282	25.398
153	BM25	Y	-139.27	-139.27	25.398	27.515
154	BM27	Y	-140.86	-140.028	0	2.117
155	BM27	Y	-140.028	-139.441	2.117	4.233
156	BM27	Y	-139.441	-174.091	4.233	6.35
157	BM27	Y	-174.091	-174.091	6.35	8.466
158	BM27	Y	-174.091	-139.27	8.466	10.583
159	BM27	Y	-139.27	-139.27	10.583	12.699
160	BM27	Y	-139.27	-139.27	12.699	14.816
161	BM27	Y	-139.27	-139.27	14.816	16.932
162	BM27	Y	-139.27	-174.091	16.932	19.049
163	BM27	Y	-174.091	-174.091	19.049	21.165
164	BM27	Y	-174.091	-139.27	21.165	23.282
165	BM27	Y	-139.27	-139.27	23.282	25.398
166	BM27	Y	-139.27	-139.27	25.398	27.515
167	BM32	Y	-150.014	-150.014	0	2.01
168	BM32	Y	-150.014	-150.014	2.01	4.021
169	BM32	Y	-150.014	-150.014	4.021	6.031
170	BM32	Y	-150.014	-150.014	6.031	8.042
171	BM32	Y	-150.014	-150.014	8.042	10.052
172	BM32	Y	-150.014	-150.014	10.052	12.063
173	BM32	Y	-150.014	-150.014	12.063	14.073
174	BM32	Y	-150.014	-150.014	14.073	16.084
175	BM32	Y	-150.014	-150.014	16.084	18.094
176	BM32	Y	-150.014	-150.014	18.094	20.104
177	BM32	Y	-150.014	-150.014	20.104	22.115
178	BM32	Y	-150.014	-150.014	22.115	24.125
179	BM32	Y	-150.014	-150.014	24.125	26.136
180	BM32	Y	-150.014	-149.835	26.136	28.146
181	BM32	Y	-149.835	-149.215	28.146	30.157
182	BM32	Y	-149.215	-148.335	30.157	32.167
183	BM33	Y	-150.014	-150.014	0	2.01
184	BM33	Y	-150.014	-150.014	2.01	4.021
185	BM33	Y	-150.014	-150.014	4.021	6.031
186	BM33	Y	-150.014	-150.014	6.031	8.042

Member Distributed Loads (BLC 38 : BLC 3 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
187	BM33	Y	-150.014	-150.014	8.042	10.052
188	BM33	Y	-150.014	-150.014	10.052	12.063
189	BM33	Y	-150.014	-150.014	12.063	14.073
190	BM33	Y	-150.014	-150.014	14.073	16.084
191	BM33	Y	-150.014	-150.014	16.084	18.094
192	BM33	Y	-150.014	-150.014	18.094	20.104
193	BM33	Y	-150.014	-150.014	20.104	22.115
194	BM33	Y	-150.014	-150.014	22.115	24.125
195	BM33	Y	-150.014	-150.014	24.125	26.136
196	BM33	Y	-150.014	-149.835	26.136	28.146
197	BM33	Y	-149.835	-149.215	28.146	30.157
198	BM33	Y	-149.215	-148.335	30.157	32.167
199	BM34	Y	-139.887	-139.887	0	2.01
200	BM34	Y	-139.887	-139.887	2.01	4.021
201	BM34	Y	-139.887	-139.887	4.021	6.031
202	BM34	Y	-139.887	-139.887	6.031	8.042
203	BM34	Y	-139.887	-139.887	8.042	10.052
204	BM34	Y	-139.887	-139.887	10.052	12.063
205	BM34	Y	-139.887	-139.887	12.063	14.073
206	BM34	Y	-139.887	-139.887	14.073	16.084
207	BM34	Y	-139.887	-139.887	16.084	18.094
208	BM34	Y	-139.887	-139.887	18.094	20.104
209	BM34	Y	-139.887	-139.887	20.104	22.115
210	BM34	Y	-139.887	-139.887	22.115	24.125
211	BM34	Y	-139.887	-139.887	24.125	26.136
212	BM34	Y	-139.887	-139.704	26.136	28.146
213	BM34	Y	-139.704	-139.146	28.146	30.157
214	BM34	Y	-139.146	-138.394	30.157	32.167
215	BM38	Y	-139.992	-138.927	0	2.117
216	BM38	Y	-138.927	-138.021	2.117	4.233
217	BM38	Y	-138.021	-160.419	4.233	6.35
218	BM38	Y	-160.419	-168.411	6.35	8.466
219	BM38	Y	-168.411	-148.017	8.466	10.583
220	BM38	Y	-148.017	-139.615	10.583	12.699
221	BM38	Y	-139.615	-136.827	12.699	14.816
222	BM38	Y	-136.827	-136.827	14.816	16.932
223	BM38	Y	-136.827	-157.05	16.932	19.049
224	BM38	Y	-157.05	-171.039	19.049	21.165
225	BM38	Y	-171.039	-150.816	21.165	23.282
226	BM38	Y	-150.816	-136.827	23.282	25.398
227	BM38	Y	-136.827	-136.827	25.398	27.515
228	BM39	Y	-140.86	-140.028	0	2.117
229	BM39	Y	-140.028	-139.441	2.117	4.233
230	BM39	Y	-139.441	-174.091	4.233	6.35
231	BM39	Y	-174.091	-174.091	6.35	8.466
232	BM39	Y	-174.091	-139.27	8.466	10.583
233	BM39	Y	-139.27	-139.27	10.583	12.699
234	BM39	Y	-139.27	-139.27	12.699	14.816
235	BM39	Y	-139.27	-139.27	14.816	16.932
236	BM39	Y	-139.27	-174.091	16.932	19.049
237	BM39	Y	-174.091	-174.091	19.049	21.165
238	BM39	Y	-174.091	-139.27	21.165	23.282
239	BM39	Y	-139.27	-139.27	23.282	25.398
240	BM39	Y	-139.27	-139.27	25.398	27.515
241	BM40	Y	-131.32	-130.573	0	2.117
242	BM40	Y	-130.573	-130.035	2.117	4.233
243	BM40	Y	-130.035	-162.341	4.233	6.35
244	BM40	Y	-162.341	-162.341	6.35	8.466
245	BM40	Y	-162.341	-129.87	8.466	10.583
246	BM40	Y	-129.87	-129.87	10.583	12.699
247	BM40	Y	-129.87	-129.87	12.699	14.816
248	BM40	Y	-129.87	-129.87	14.816	16.932
249	BM40	Y	-129.87	-162.341	16.932	19.049
250	BM40	Y	-162.341	-162.341	19.049	21.165
251	BM40	Y	-162.341	-129.87	21.165	23.282
252	BM40	Y	-129.87	-129.87	23.282	25.398
253	BM40	Y	-129.87	-129.87	25.398	27.515
254	BM41	Y	-140.86	-140.028	0	2.117

Member Distributed Loads (BLC 38 : BLC 3 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
255	BM41	Y	-140.028	-139.441	2.117	4.233
256	BM41	Y	-139.441	-174.091	4.233	6.35
257	BM41	Y	-174.091	-174.091	6.35	8.466
258	BM41	Y	-174.091	-139.27	8.466	10.583
259	BM41	Y	-139.27	-139.27	10.583	12.699
260	BM41	Y	-139.27	-139.27	12.699	14.816
261	BM41	Y	-139.27	-139.27	14.816	16.932
262	BM41	Y	-139.27	-174.091	16.932	19.049
263	BM41	Y	-174.091	-174.091	19.049	21.165
264	BM41	Y	-174.091	-139.27	21.165	23.282
265	BM41	Y	-139.27	-139.27	23.282	25.398
266	BM41	Y	-139.27	-139.27	25.398	27.515
267	BM42	Y	-150.005	-150.005	0.017	32.162
268	BM43	Y	-147.433	-148.3	0	2.01
269	BM43	Y	-148.3	-148.835	2.01	4.021
270	BM43	Y	-148.835	-148.911	4.021	6.031
271	BM43	Y	-148.911	-148.901	6.031	8.042
272	BM43	Y	-148.901	-148.904	8.042	10.052
273	BM43	Y	-148.904	-148.801	10.052	12.063
274	BM43	Y	-148.801	-148.477	12.063	14.073
275	BM43	Y	-148.477	-148.056	14.073	16.084
276	BM43	Y	-148.056	-147.651	16.084	18.094
277	BM43	Y	-147.651	-147.325	18.094	20.104
278	BM43	Y	-147.325	-147.213	20.104	22.115
279	BM43	Y	-147.213	-147.213	22.115	24.125
280	BM43	Y	-147.213	-147.213	24.125	26.136
281	BM43	Y	-147.213	-147.213	26.136	28.146
282	BM43	Y	-147.213	-147.213	28.146	30.157
283	BM43	Y	-147.213	-147.213	30.157	32.167
284	BM44	Y	-150.005	-150.005	0.017	32.162
285	BM45	Y	-138.389	-139.151	0	2.01
286	BM45	Y	-139.151	-139.709	2.01	4.021
287	BM45	Y	-139.709	-139.887	4.021	6.031
288	BM45	Y	-139.887	-139.887	6.031	8.042
289	BM45	Y	-139.887	-139.887	8.042	10.052
290	BM45	Y	-139.887	-139.887	10.052	12.063
291	BM45	Y	-139.887	-139.887	12.063	14.073
292	BM45	Y	-139.887	-139.887	14.073	16.084
293	BM45	Y	-139.887	-139.887	16.084	18.094
294	BM45	Y	-139.887	-139.887	18.094	20.104
295	BM45	Y	-139.887	-139.887	20.104	22.115
296	BM45	Y	-139.887	-139.887	22.115	24.125
297	BM45	Y	-139.887	-139.887	24.125	26.136
298	BM45	Y	-139.887	-139.887	26.136	28.146
299	BM45	Y	-139.887	-139.887	28.146	30.157
300	BM45	Y	-139.887	-139.887	30.157	32.167
301	BM46	Y	-150.005	-150.005	0.017	32.162
302	BM47	Y	-150.005	-150.005	0.017	32.162
303	BM48	Y	-98.843	-99.315	0	2.01
304	BM48	Y	-99.315	-99.792	2.01	4.021
305	BM48	Y	-99.792	-100.339	4.021	6.031
306	BM48	Y	-100.339	-101.088	6.031	8.042
307	BM48	Y	-101.088	-101.885	8.042	10.052
308	BM48	Y	-101.885	-102.114	10.052	12.063
309	BM48	Y	-102.114	-101.565	12.063	14.073
310	BM48	Y	-101.565	-100.847	14.073	16.084
311	BM48	Y	-100.847	-100.331	16.084	18.094
312	BM48	Y	-100.331	-99.996	18.094	20.104
313	BM48	Y	-99.996	-99.874	20.104	22.115
314	BM48	Y	-99.874	-99.866	22.115	24.125
315	BM48	Y	-99.866	-99.866	24.125	26.136
316	BM48	Y	-99.866	-99.866	26.136	28.146
317	BM48	Y	-99.866	-99.866	28.146	30.157
318	BM48	Y	-99.866	-99.866	30.157	32.167
319	EDGE10	Y	-67.684	-67.684	0	2.085
320	EDGE10	Y	-67.684	-67.684	2.085	4.17
321	EDGE10	Y	-67.684	-84.561	4.17	6.255
322	EDGE10	Y	-84.561	-84.561	6.255	8.341

Member Distributed Loads (BLC 38 : BLC 3 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
323	EDGE10	Y	-84.561	-67.684	8.341	10.426
324	EDGE10	Y	-67.684	-67.684	10.426	12.511
325	EDGE10	Y	-67.684	-67.684	12.511	14.596
326	EDGE10	Y	-67.684	-67.684	14.596	16.681
327	EDGE10	Y	-67.684	-80.325	16.681	18.766
328	EDGE10	Y	-80.325	-84.561	18.766	20.851
329	EDGE10	Y	-84.561	-71.92	20.851	22.937
330	EDGE10	Y	-71.92	-63.448	22.937	25.022
331	EDGE17	Y	-33.238	-36.738	0	2.127
332	EDGE17	Y	-36.738	-37.578	2.127	4.254
333	EDGE17	Y	-37.578	-35.08	4.254	6.381
334	EDGE17	Y	-35.08	-33.274	6.381	8.507
335	EDGE17	Y	-33.274	-32.909	8.507	10.634
336	EDGE17	Y	-32.909	-32.703	10.634	12.761
337	EDGE17	Y	-32.703	-36.73	12.761	14.888
338	EDGE17	Y	-36.73	-40.785	14.888	17.015
339	EDGE17	Y	-40.785	-36.699	17.015	19.142
340	EDGE17	Y	-36.699	-32.644	19.142	21.269
341	EDGE17	Y	-32.644	-32.644	21.269	23.395
342	EDGE29	Y	-67.684	-67.684	0	2.085
343	EDGE29	Y	-67.684	-67.684	2.085	4.17
344	EDGE29	Y	-67.684	-84.561	4.17	6.255
345	EDGE29	Y	-84.561	-84.561	6.255	8.341
346	EDGE29	Y	-84.561	-67.684	8.341	10.426
347	EDGE29	Y	-67.684	-67.684	10.426	12.511
348	EDGE29	Y	-67.684	-67.684	12.511	14.596
349	EDGE29	Y	-67.684	-67.684	14.596	16.681
350	EDGE29	Y	-67.684	-80.325	16.681	18.766
351	EDGE29	Y	-80.325	-84.561	18.766	20.851
352	EDGE29	Y	-84.561	-71.92	20.851	22.937
353	EDGE29	Y	-71.92	-63.448	22.937	25.022
354	EDGE30	Y	-73.76	-76.118	0	2.127
355	EDGE30	Y	-76.118	-77.069	2.127	4.254
356	EDGE30	Y	-77.069	-72.439	4.254	6.381
357	EDGE30	Y	-72.439	-67.846	6.381	8.507
358	EDGE30	Y	-67.846	-67.492	8.507	10.634
359	EDGE30	Y	-67.492	-67.294	10.634	12.761
360	EDGE30	Y	-67.294	-77.094	12.761	14.888
361	EDGE30	Y	-77.094	-84.063	14.888	17.015
362	EDGE30	Y	-84.063	-74.23	17.015	19.142
363	EDGE30	Y	-74.23	-67.261	19.142	21.269
364	EDGE30	Y	-67.261	-67.261	21.269	23.395
365	EDGE31	Y	-67.499	-67.499	0	2.085
366	EDGE31	Y	-67.499	-67.499	2.085	4.17
367	EDGE31	Y	-67.499	-74.522	4.17	6.255
368	EDGE31	Y	-74.522	-81.81	6.255	8.341
369	EDGE31	Y	-81.81	-78.176	8.341	10.426
370	EDGE31	Y	-78.176	-71.759	10.426	12.511
371	EDGE31	Y	-71.759	-69.727	12.511	14.596
372	EDGE31	Y	-69.727	-70.663	14.596	16.681
373	EDGE31	Y	-70.663	-76.74	16.681	18.766
374	EDGE31	Y	-76.74	-74.76	18.766	20.851
375	EDGE31	Y	-74.76	-67.357	20.851	22.937
376	EDGE31	Y	-67.357	-67.767	22.937	25.022
377	EDGE32	Y	-32.814	-32.814	0	2.085
378	EDGE32	Y	-32.814	-32.814	2.085	4.17
379	EDGE32	Y	-32.814	-40.991	4.17	6.255
380	EDGE32	Y	-40.991	-40.991	6.255	8.341
381	EDGE32	Y	-40.991	-32.814	8.341	10.426
382	EDGE32	Y	-32.814	-32.814	10.426	12.511
383	EDGE32	Y	-32.814	-32.814	12.511	14.596
384	EDGE32	Y	-32.814	-32.814	14.596	16.681
385	EDGE32	Y	-32.814	-38.265	16.681	18.766
386	EDGE32	Y	-38.265	-41.177	18.766	20.851
387	EDGE32	Y	-41.177	-36.142	20.851	22.937
388	EDGE32	Y	-36.142	-31.15	22.937	25.022
389	EDGE33	Y	-33.833	-34.825	0	2.085
390	EDGE33	Y	-34.825	-33.88	2.085	4.17

Member Distributed Loads (BLC 38 : BLC 3 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
391	EDGE33	Y	-33.88	-34.699	4.17	6.255
392	EDGE33	Y	-34.699	-36.422	6.255	8.341
393	EDGE33	Y	-36.422	-35.419	8.341	10.426
394	EDGE33	Y	-35.419	-34.503	10.426	12.511
395	EDGE33	Y	-34.503	-33.749	12.511	14.596
396	EDGE33	Y	-33.749	-33.269	14.596	16.681
397	EDGE33	Y	-33.269	-35.815	16.681	18.766
398	EDGE33	Y	-35.815	-37.373	18.766	20.851
399	EDGE33	Y	-37.373	-34.969	20.851	22.937
400	EDGE33	Y	-34.969	-32.489	22.937	25.022
401	EDGE43	Y	-67.33	-67.33	0	2.127
402	EDGE43	Y	-67.33	-72.901	2.127	4.254
403	EDGE43	Y	-72.901	-84.132	4.254	6.381
404	EDGE43	Y	-84.132	-78.56	6.381	8.507
405	EDGE43	Y	-78.56	-67.357	8.507	10.634
406	EDGE43	Y	-67.357	-67.522	10.634	12.761
407	EDGE43	Y	-67.522	-67.825	12.761	14.888
408	EDGE43	Y	-67.825	-73.783	14.888	17.015
409	EDGE43	Y	-73.783	-78.372	17.015	19.142
410	EDGE43	Y	-78.372	-74.484	19.142	21.269
411	EDGE43	Y	-74.484	-69.113	21.269	23.395
412	EDGE44	Y	-67.474	-67.474	0	2.085
413	EDGE44	Y	-67.474	-67.474	2.085	4.17
414	EDGE44	Y	-67.474	-74.485	4.17	6.255
415	EDGE44	Y	-74.485	-81.654	6.255	8.341
416	EDGE44	Y	-81.654	-78.229	8.341	10.426
417	EDGE44	Y	-78.229	-72.638	10.426	12.511
418	EDGE44	Y	-72.638	-71.574	12.511	14.596
419	EDGE44	Y	-71.574	-73.673	14.596	16.681
420	EDGE44	Y	-73.673	-71.079	16.681	18.766
421	EDGE44	Y	-71.079	-68.542	18.766	20.851
422	EDGE44	Y	-68.542	-70.562	20.851	22.937
423	EDGE44	Y	-70.562	-72.171	22.937	25.022
424	EDGE45	Y	-32.643	-32.643	0	2.127
425	EDGE45	Y	-32.643	-36.698	2.127	4.254
426	EDGE45	Y	-36.698	-40.784	4.254	6.381
427	EDGE45	Y	-40.784	-36.729	6.381	8.507
428	EDGE45	Y	-36.729	-32.686	8.507	10.634
429	EDGE45	Y	-32.686	-32.894	10.634	12.761
430	EDGE45	Y	-32.894	-33.287	12.761	14.888
431	EDGE45	Y	-33.287	-35.065	14.888	17.015
432	EDGE45	Y	-35.065	-37.55	17.015	19.142
433	EDGE45	Y	-37.55	-36.759	19.142	21.269
434	EDGE45	Y	-36.759	-33.31	21.269	23.395
435	EDGE46	Y	-32.824	-32.824	0	2.085
436	EDGE46	Y	-32.824	-32.824	2.085	4.17
437	EDGE46	Y	-32.824	-41.001	4.17	6.255
438	EDGE46	Y	-41.001	-41.001	6.255	8.341
439	EDGE46	Y	-41.001	-32.824	8.341	10.426
440	EDGE46	Y	-32.824	-32.824	10.426	12.511
441	EDGE46	Y	-32.824	-32.824	12.511	14.596
442	EDGE46	Y	-32.824	-32.824	14.596	16.681
443	EDGE46	Y	-32.824	-38.266	16.681	18.766
444	EDGE46	Y	-38.266	-41.001	18.766	20.851
445	EDGE46	Y	-41.001	-35.559	20.851	22.937
446	EDGE46	Y	-35.559	-30.089	22.937	25.022
447	EDGE47	Y	-32.762	-32.762	0	2.085
448	EDGE47	Y	-32.762	-32.762	2.085	4.17
449	EDGE47	Y	-32.762	-36.84	4.17	6.255
450	EDGE47	Y	-36.84	-39.57	6.255	8.341
451	EDGE47	Y	-39.57	-36.877	8.341	10.426
452	EDGE47	Y	-36.877	-34.177	10.426	12.511
453	EDGE47	Y	-34.177	-32.825	12.511	14.596
454	EDGE47	Y	-32.825	-32.862	14.596	16.681
455	EDGE47	Y	-32.862	-35.704	16.681	18.766
456	EDGE47	Y	-35.704	-37.36	18.766	20.851
457	EDGE47	Y	-37.36	-34.966	20.851	22.937
458	EDGE47	Y	-34.966	-32.48	22.937	25.022

Member Distributed Loads (BLC 38 : BLC 3 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
459	M673	Y	-150	-150	2.987e-12	27.515
460	M674	Y	-139.27	-139.27	0	2.117
461	M674	Y	-139.27	-139.27	2.117	4.233
462	M674	Y	-139.27	-174.091	4.233	6.35
463	M674	Y	-174.091	-174.091	6.35	8.466
464	M674	Y	-174.091	-139.27	8.466	10.583
465	M674	Y	-139.27	-139.27	10.583	12.699
466	M674	Y	-139.27	-139.27	12.699	14.816
467	M674	Y	-139.27	-139.27	14.816	16.932
468	M674	Y	-139.27	-174.091	16.932	19.049
469	M674	Y	-174.091	-174.091	19.049	21.165
470	M674	Y	-174.091	-139.441	21.165	23.282
471	M674	Y	-139.441	-140.028	23.282	25.398
472	M674	Y	-140.028	-140.86	25.398	27.515
473	M675	Y	-92.804	-92.804	0	2.117
474	M675	Y	-92.804	-92.804	2.117	4.233
475	M675	Y	-92.804	-116.005	4.233	6.35
476	M675	Y	-116.005	-116.005	6.35	8.466
477	M675	Y	-116.005	-92.804	8.466	10.583
478	M675	Y	-92.804	-92.804	10.583	12.699
479	M675	Y	-92.804	-92.804	12.699	14.816
480	M675	Y	-92.804	-92.804	14.816	16.932
481	M675	Y	-92.804	-116.005	16.932	19.049
482	M675	Y	-116.005	-116.005	19.049	21.165
483	M675	Y	-116.005	-92.804	21.165	23.282
484	M675	Y	-92.804	-92.804	23.282	25.398
485	M675	Y	-92.804	-92.804	25.398	27.515
486	M676	Y	-92.796	-92.796	0	2.117
487	M676	Y	-92.796	-99.574	2.117	4.233
488	M676	Y	-99.574	-115.997	4.233	6.35
489	M676	Y	-115.997	-109.219	6.35	8.466
490	M676	Y	-109.219	-92.796	8.466	10.583
491	M676	Y	-92.796	-92.796	10.583	12.699
492	M676	Y	-92.796	-94.147	12.699	14.816
493	M676	Y	-94.147	-98.214	14.816	16.932
494	M676	Y	-98.214	-114.646	16.932	19.049
495	M676	Y	-114.646	-110.584	19.049	21.165
496	M676	Y	-110.584	-92.912	21.165	23.282
497	M676	Y	-92.912	-93.229	23.282	25.398
498	M676	Y	-93.229	-93.647	25.398	27.515
499	M677	Y	-150	-150	2.979e-12	27.515
500	M684	Y	-139.27	-139.27	0	2.117
501	M684	Y	-139.27	-139.27	2.117	4.233
502	M684	Y	-139.27	-174.091	4.233	6.35
503	M684	Y	-174.091	-174.091	6.35	8.466
504	M684	Y	-174.091	-139.27	8.466	10.583
505	M684	Y	-139.27	-139.27	10.583	12.699
506	M684	Y	-139.27	-139.27	12.699	14.816
507	M684	Y	-139.27	-139.27	14.816	16.932
508	M684	Y	-139.27	-174.091	16.932	19.049
509	M684	Y	-174.091	-174.091	19.049	21.165
510	M684	Y	-174.091	-139.441	21.165	23.282
511	M684	Y	-139.441	-140.028	23.282	25.398
512	M684	Y	-140.028	-140.86	25.398	27.515
513	M685	Y	-150	-150	2.986e-12	27.515
514	M686	Y	-139.27	-139.27	0	2.117
515	M686	Y	-139.27	-139.27	2.117	4.233
516	M686	Y	-139.27	-174.091	4.233	6.35
517	M686	Y	-174.091	-174.091	6.35	8.466
518	M686	Y	-174.091	-139.27	8.466	10.583
519	M686	Y	-139.27	-139.27	10.583	12.699
520	M686	Y	-139.27	-139.27	12.699	14.816
521	M686	Y	-139.27	-139.27	14.816	16.932
522	M686	Y	-139.27	-174.091	16.932	19.049
523	M686	Y	-174.091	-174.091	19.049	21.165
524	M686	Y	-174.091	-139.441	21.165	23.282
525	M686	Y	-139.441	-140.028	23.282	25.398
526	M686	Y	-140.028	-140.86	25.398	27.515

Member Distributed Loads (BLC 38 : BLC 3 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
527	M687	Y	-136.848	-136.848	0	2.117
528	M687	Y	-136.848	-136.848	2.117	4.233
529	M687	Y	-136.848	-171.06	4.233	6.35
530	M687	Y	-171.06	-171.06	6.35	8.466
531	M687	Y	-171.06	-136.848	8.466	10.583
532	M687	Y	-136.848	-136.848	10.583	12.699
533	M687	Y	-136.848	-136.848	12.699	14.816
534	M687	Y	-136.848	-136.848	14.816	16.932
535	M687	Y	-136.848	-171.06	16.932	19.049
536	M687	Y	-171.06	-171.06	19.049	21.165
537	M687	Y	-171.06	-136.848	21.165	23.282
538	M687	Y	-136.848	-136.848	23.282	25.398
539	M687	Y	-136.848	-136.848	25.398	27.515
540	M688	Y	-136.827	-136.827	0	2.117
541	M688	Y	-136.827	-150.816	2.117	4.233
542	M688	Y	-150.816	-171.039	4.233	6.35
543	M688	Y	-171.039	-157.05	6.35	8.466
544	M688	Y	-157.05	-136.827	8.466	10.583
545	M688	Y	-136.827	-136.827	10.583	12.699
546	M688	Y	-136.827	-139.615	12.699	14.816
547	M688	Y	-139.615	-148.008	14.816	16.932
548	M688	Y	-148.008	-168.255	16.932	19.049
549	M688	Y	-168.255	-160.036	19.049	21.165
550	M688	Y	-160.036	-137.63	21.165	23.282
551	M688	Y	-137.63	-138.624	23.282	25.398
552	M688	Y	-138.624	-139.708	25.398	27.515
553	M689	Y	-150	-150	2.939e-12	27.515
554	M690	Y	-139.27	-139.27	0	2.117
555	M690	Y	-139.27	-139.27	2.117	4.233
556	M690	Y	-139.27	-174.091	4.233	6.35
557	M690	Y	-174.091	-174.091	6.35	8.466
558	M690	Y	-174.091	-139.27	8.466	10.583
559	M690	Y	-139.27	-139.27	10.583	12.699
560	M690	Y	-139.27	-139.27	12.699	14.816
561	M690	Y	-139.27	-139.27	14.816	16.932
562	M690	Y	-139.27	-174.091	16.932	19.049
563	M690	Y	-174.091	-174.091	19.049	21.165
564	M690	Y	-174.091	-139.441	21.165	23.282
565	M690	Y	-139.441	-140.028	23.282	25.398
566	M690	Y	-140.028	-140.86	25.398	27.515
567	M691	Y	-150	-150	2.771e-12	27.515
568	M692	Y	-139.27	-139.27	0	2.117
569	M692	Y	-139.27	-139.27	2.117	4.233
570	M692	Y	-139.27	-174.091	4.233	6.35
571	M692	Y	-174.091	-174.091	6.35	8.466
572	M692	Y	-174.091	-139.27	8.466	10.583
573	M692	Y	-139.27	-139.27	10.583	12.699
574	M692	Y	-139.27	-139.27	12.699	14.816
575	M692	Y	-139.27	-139.27	14.816	16.932
576	M692	Y	-139.27	-174.091	16.932	19.049
577	M692	Y	-174.091	-174.091	19.049	21.165
578	M692	Y	-174.091	-139.441	21.165	23.282
579	M692	Y	-139.441	-140.028	23.282	25.398
580	M692	Y	-140.028	-140.86	25.398	27.515
581	M693	Y	-150	-150	3.179e-12	27.515
582	M694	Y	-139.27	-139.27	0	2.117
583	M694	Y	-139.27	-139.27	2.117	4.233
584	M694	Y	-139.27	-174.091	4.233	6.35
585	M694	Y	-174.091	-174.091	6.35	8.466
586	M694	Y	-174.091	-139.27	8.466	10.583
587	M694	Y	-139.27	-139.27	10.583	12.699
588	M694	Y	-139.27	-139.27	12.699	14.816
589	M694	Y	-139.27	-139.27	14.816	16.932
590	M694	Y	-139.27	-174.091	16.932	19.049
591	M694	Y	-174.091	-174.091	19.049	21.165
592	M694	Y	-174.091	-139.441	21.165	23.282
593	M694	Y	-139.441	-140.028	23.282	25.398
594	M694	Y	-140.028	-140.86	25.398	27.515

Member Distributed Loads (BLC 38 : BLC 3 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
595	M695	Y	-139.875	-139.875	3.059e-12	27.515
596	M696	Y	-129.87	-129.87	0	2.117
597	M696	Y	-129.87	-129.87	2.117	4.233
598	M696	Y	-129.87	-162.341	4.233	6.35
599	M696	Y	-162.341	-162.341	6.35	8.466
600	M696	Y	-162.341	-129.87	8.466	10.583
601	M696	Y	-129.87	-129.87	10.583	12.699
602	M696	Y	-129.87	-129.87	12.699	14.816
603	M696	Y	-129.87	-129.87	14.816	16.932
604	M696	Y	-129.87	-162.341	16.932	19.049
605	M696	Y	-162.341	-162.341	19.049	21.165
606	M696	Y	-162.341	-130.035	21.165	23.282
607	M696	Y	-130.035	-130.569	23.282	25.398
608	M696	Y	-130.569	-131.305	25.398	27.515

Member Distributed Loads (BLC 39 : BLC 4 Transient Area Loads)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	TRUSS21	Y	-51.696	-52.369	2.188	4.375
2	TRUSS21	Y	-52.369	-42.358	4.375	6.562
3	TRUSS21	Y	-42.358	-42.544	6.562	8.75
4	TRUSS21	Y	-42.544	-53.263	8.75	10.938
5	TRUSS21	Y	-53.263	-53.383	10.938	13.125
6	TRUSS21	Y	-53.383	-42.879	13.125	15.312
7	TRUSS21	Y	-42.879	-42.879	15.312	17.5
8	TRUSS23	Y	-62.5	-62.5	1.712e-13	1.5
9	TRUSS25	Y	-19.829	-34.427	0	2.188
10	TRUSS25	Y	-34.427	-34.974	2.188	4.375
11	TRUSS25	Y	-34.974	-28.278	4.375	6.562
12	TRUSS25	Y	-28.278	-28.39	6.562	8.75
13	TRUSS25	Y	-28.39	-35.527	8.75	10.938
14	TRUSS25	Y	-35.527	-35.6	10.938	13.125
15	TRUSS25	Y	-35.6	-28.593	13.125	15.312
16	TRUSS25	Y	-28.593	-28.593	15.312	17.5
17	TRUSS27	Y	-62.5	-62.5	0	1.5
18	TRUSS30	Y	-64.531	-64.531	0	1.5
19	TRUSS31	Y	-40.726	-69.585	0	2.188
20	TRUSS31	Y	-69.585	-70.503	2.188	4.375
21	TRUSS31	Y	-70.503	-57.22	4.375	6.562
22	TRUSS31	Y	-57.22	-56.61	6.562	8.75
23	TRUSS31	Y	-56.61	-69.922	8.75	10.938
24	TRUSS31	Y	-69.922	-70.408	10.938	13.125
25	TRUSS31	Y	-70.408	-56.83	13.125	15.312
26	TRUSS31	Y	-56.83	-57.009	15.312	17.5
27	TRUSS36	Y	-42.544	-70.816	0	2.188
28	TRUSS36	Y	-70.816	-71.02	2.188	4.375
29	TRUSS36	Y	-71.02	-57.926	4.375	6.562
30	TRUSS36	Y	-57.926	-59.416	6.562	8.75
31	TRUSS36	Y	-59.416	-74.394	8.75	10.938
32	TRUSS36	Y	-74.394	-73.921	10.938	13.125
33	TRUSS36	Y	-73.921	-59.015	13.125	15.312
34	TRUSS36	Y	-59.015	-58.799	15.312	17.5
35	TRUSS39	Y	-62.5	-62.5	0	1.5
36	TRUSS40	Y	-62.5	-62.5	0	1.5
37	TRUSS41	Y	-62.5	-62.5	0	1.5
38	TRUSS42	Y	-58.281	-58.281	0	1.5
39	COL10	Y	-14.659	-14.659	0	2
40	COL10	Y	-14.659	-14.659	2	4
41	COL10	Y	-14.659	-14.659	4	6
42	COL10	Y	-14.659	-14.659	6	8
43	COL10	Y	-14.659	-14.659	8	10
44	COL10	Y	-14.659	-14.659	10	12
45	COL10	Y	-14.659	-14.659	12	14
46	COL10	Y	-14.659	-14.659	14	16
47	COL10	Y	-14.659	-14.659	16	18
48	COL10	Y	-14.659	-14.659	18	20
49	COL10	Y	-14.659	-14.659	20	22
50	COL10	Y	-14.659	-14.659	22	24
51	COL10	Y	-14.659	-14.659	24	26

Member Distributed Loads (BLC 39 : BLC 4 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
52	COL10	Y	-14.659	-14.659	26	28
53	COL10	Y	-14.659	-14.659	28	30
54	COL10	Y	-14.659	-14.659	30	32
55	COL10	Y	-14.659	-14.659	32	34
56	COL10	Y	-14.659	-14.659	34	36
57	COL10	Y	-14.659	-14.658	36	38
58	COL10	Y	-14.658	-14.647	38	40
59	COL10	Y	-14.647	-14.631	40	42
60	COL10	Y	-14.631	-14.6	42	44
61	COL10	Y	-14.6	-14.549	44	46
62	COL13	Y	-42.617	-42.617	0	2.048
63	COL13	Y	-42.617	-42.617	2.048	4.097
64	COL13	Y	-42.617	-42.617	4.097	6.145
65	COL13	Y	-42.617	-42.617	6.145	8.194
66	COL13	Y	-42.617	-42.617	8.194	10.242
67	COL13	Y	-42.617	-42.617	10.242	12.29
68	COL13	Y	-42.617	-45.57	12.29	14.339
69	COL13	Y	-45.57	-53.271	14.339	16.387
70	COL13	Y	-53.271	-50.318	16.387	18.435
71	COL13	Y	-50.318	-42.617	18.435	20.484
72	COL13	Y	-42.617	-42.617	20.484	22.532
73	COL13	Y	-42.617	-42.617	22.532	24.581
74	COL13	Y	-42.617	-42.617	24.581	26.629
75	COL13	Y	-42.617	-42.621	26.629	28.677
76	COL13	Y	-42.621	-42.65	28.677	30.726
77	COL13	Y	-42.65	-42.7	30.726	32.774
78	COL13	Y	-42.7	-42.73	32.774	34.823
79	COL13	Y	-42.73	-42.734	34.823	36.871
80	COL13	Y	-42.734	-42.727	36.871	38.919
81	COL13	Y	-42.727	-42.715	38.919	40.968
82	COL13	Y	-42.715	-42.689	40.968	43.016
83	COL13	Y	-42.689	-42.58	43.016	45.065
84	COL13	Y	-42.58	-45.314	45.065	47.113
85	COL13	Y	-45.314	-50.285	47.113	49.161
86	COL13	Y	-50.285	-49.389	49.161	51.21
87	COL13	Y	-49.389	-44	51.21	53.258
88	COL13	Y	-44	-41.588	53.258	55.306
89	COL13	Y	-41.588	-41.514	55.306	57.355
90	COL13	Y	-41.514	-41.598	57.355	59.403
91	COL13	Y	-41.598	-41.76	59.403	61.452
92	COL13	Y	-41.76	-41.897	61.452	63.5
93	COL11	Y	-62.502	-62.502	0.003	33.989
94	COL14	Y	-60.409	-60.409	0	2
95	COL14	Y	-60.409	-60.409	2	4
96	COL14	Y	-60.409	-60.409	4	6
97	COL14	Y	-60.409	-60.409	6	8
98	COL14	Y	-60.409	-60.409	8	10
99	COL14	Y	-60.409	-60.409	10	12
100	COL14	Y	-60.409	-60.409	12	14
101	COL14	Y	-60.409	-60.409	14	16
102	COL14	Y	-60.409	-60.409	16	18
103	COL14	Y	-60.409	-60.409	18	20
104	COL14	Y	-60.409	-60.409	20	22
105	COL14	Y	-60.409	-60.409	22	24
106	COL14	Y	-60.409	-60.409	24	26
107	COL14	Y	-60.409	-60.415	26	28
108	COL14	Y	-60.415	-60.469	28	30
109	COL14	Y	-60.469	-60.619	30	32
110	COL14	Y	-60.619	-60.822	32	34
111	COL26	Y	-59.969	-60.075	0	2.029
112	COL26	Y	-60.075	-60.082	2.029	4.058
113	COL26	Y	-60.082	-59.936	4.058	6.088
114	COL26	Y	-59.936	-59.712	6.088	8.117
115	COL26	Y	-59.712	-60.083	8.117	10.146
116	COL26	Y	-60.083	-61.062	10.146	12.175
117	COL26	Y	-61.062	-61.424	12.175	14.205
118	COL26	Y	-61.424	-61.201	14.205	16.234
119	COL26	Y	-61.201	-61.014	16.234	18.263

Member Distributed Loads (BLC 39 : BLC 4 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
120	COL26	Y	-61.014	-60.841	18.263	20.292
121	COL26	Y	-60.841	-60.672	20.292	22.321
122	COL26	Y	-60.672	-60.508	22.321	24.351
123	COL30	Y	-59.788	-60.003	0	2.037
124	COL30	Y	-60.003	-60.191	2.037	4.075
125	COL30	Y	-60.191	-60.357	4.075	6.112
126	COL30	Y	-60.357	-60.512	6.112	8.15
127	COL30	Y	-60.512	-60.594	8.15	10.187
128	COL30	Y	-60.594	-60.588	10.187	12.225
129	COL30	Y	-60.588	-60.564	12.225	14.262
130	COL30	Y	-60.564	-61.827	14.262	16.3
131	COL30	Y	-61.827	-61.949	16.3	18.337
132	COL30	Y	-61.949	-59.199	18.337	20.375
133	COL30	Y	-59.199	-59.118	20.375	22.412
134	COL30	Y	-59.118	-61.021	22.412	24.449
135	COL30	Y	-61.021	-61.755	24.449	26.487
136	COL30	Y	-61.755	-62.464	26.487	28.524
137	COL35	Y	-58.946	-58.938	0	2.116
138	COL35	Y	-58.938	-59.084	2.116	4.232
139	COL35	Y	-59.084	-69.548	4.232	6.349
140	COL35	Y	-69.548	-69.882	6.349	8.465
141	COL35	Y	-69.882	-60.137	8.465	10.581
142	COL35	Y	-60.137	-60.525	10.581	12.697
143	COL35	Y	-60.525	-60.872	12.697	14.813
144	COL35	Y	-60.872	-61.057	14.813	16.929
145	COL35	Y	-61.057	-62.789	16.929	19.046
146	COL35	Y	-62.789	-63.959	19.046	21.162
147	COL35	Y	-63.959	-62.811	21.162	23.278
148	COL35	Y	-62.811	-61.663	23.278	25.394
149	COL37	Y	-61.765	-62.565	0	2.034
150	COL37	Y	-62.565	-63.763	2.034	4.067
151	COL37	Y	-63.763	-64.076	4.067	6.101
152	COL37	Y	-64.076	-62.275	6.101	8.135
153	COL37	Y	-62.275	-60.567	8.135	10.168
154	COL37	Y	-60.567	-60.289	10.168	12.202
155	COL37	Y	-60.289	-60.698	12.202	14.236
156	COL37	Y	-60.698	-61.761	14.236	16.269
157	COL37	Y	-61.761	-62.634	16.269	18.303
158	COL37	Y	-62.634	-62.898	18.303	20.337
159	COL37	Y	-62.898	-63.393	20.337	22.37
160	COL37	Y	-63.393	-62.769	22.37	24.404
161	COL37	Y	-62.769	-60.843	24.404	26.438
162	COL46	Y	-58.676	-58.253	0	2.114
163	COL46	Y	-58.253	-57.793	2.114	4.228
164	COL46	Y	-57.793	-69.603	4.228	6.342
165	COL46	Y	-69.603	-72.92	6.342	8.456
166	COL46	Y	-72.92	-60.984	8.456	10.57
167	COL46	Y	-60.984	-57.521	10.57	12.684
168	COL46	Y	-57.521	-56.995	12.684	14.797
169	COL46	Y	-56.995	-57.693	14.797	16.911
170	COL46	Y	-57.693	-65.876	16.911	19.025
171	COL46	Y	-65.876	-68.274	19.025	21.139
172	COL46	Y	-68.274	-62.37	21.139	23.253
173	COL46	Y	-62.37	-60.748	23.253	25.367
174	COL46	Y	-60.748	-59.656	25.367	27.481
175	COL60	Y	-43.909	-43.909	0	2
176	COL60	Y	-43.909	-43.909	2	4
177	COL60	Y	-43.909	-43.909	4	6
178	COL60	Y	-43.909	-43.909	6	8
179	COL60	Y	-43.909	-43.909	8	10
180	COL60	Y	-43.909	-43.909	10	12
181	COL60	Y	-43.909	-43.909	12	14
182	COL60	Y	-43.909	-43.909	14	16
183	COL60	Y	-43.909	-43.909	16	18
184	COL60	Y	-43.909	-43.909	18	20
185	COL60	Y	-43.909	-43.909	20	22
186	COL60	Y	-43.909	-43.909	22	24
187	COL60	Y	-43.909	-43.909	24	26

Member Distributed Loads (BLC 39 : BLC 4 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
188	COL60	Y	-43.909	-43.909	26	28
189	COL60	Y	-43.909	-43.871	28	30
190	COL60	Y	-43.871	-43.734	30	32
191	COL60	Y	-43.734	-43.535	32	34
192	COL62	Y	-60.466	-60.466	0	2
193	COL62	Y	-60.466	-60.466	2	4
194	COL62	Y	-60.466	-60.466	4	6
195	COL62	Y	-60.466	-60.466	6	8
196	COL62	Y	-60.466	-60.466	8	10
197	COL62	Y	-60.466	-60.466	10	12
198	COL62	Y	-60.466	-60.466	12	14
199	COL62	Y	-60.466	-60.466	14	16
200	COL62	Y	-60.466	-60.466	16	18
201	COL62	Y	-60.466	-60.466	18	20
202	COL62	Y	-60.466	-60.466	20	22
203	COL62	Y	-60.466	-60.466	22	24
204	COL62	Y	-60.466	-60.466	24	26
205	COL62	Y	-60.466	-60.466	26	28
206	COL62	Y	-60.466	-60.505	28	30
207	COL62	Y	-60.505	-60.635	30	32
208	COL62	Y	-60.635	-60.816	32	34
209	COL63	Y	-62.501	-62.501	0	2
210	COL63	Y	-62.501	-62.501	2	4
211	COL63	Y	-62.501	-62.501	4	6
212	COL63	Y	-62.501	-62.501	6	8
213	COL63	Y	-62.501	-62.501	8	10
214	COL63	Y	-62.501	-62.501	10	12
215	COL63	Y	-62.501	-62.501	12	14
216	COL63	Y	-62.501	-62.501	14	16
217	COL63	Y	-62.501	-62.501	16	18
218	COL63	Y	-62.501	-62.501	18	20
219	COL63	Y	-62.501	-62.501	20	22
220	COL63	Y	-62.501	-62.501	22	24
221	COL63	Y	-62.501	-62.501	24	26
222	COL63	Y	-62.501	-62.501	26	28
223	COL63	Y	-62.501	-62.502	28	30
224	COL63	Y	-62.502	-62.481	30	32
225	COL63	Y	-62.481	-62.435	32	34
226	COL64	Y	-62.518	-62.518	3.886e-15	34
227	COL67	Y	-40.927	-40.739	0	2.125
228	COL67	Y	-40.739	-46.215	2.125	4.25
229	COL67	Y	-46.215	-50.705	4.25	6.375
230	COL67	Y	-50.705	-45.099	6.375	8.5
231	COL67	Y	-45.099	-40.573	8.5	10.625
232	COL67	Y	-40.573	-40.573	10.625	12.75
233	COL67	Y	-40.573	-40.573	12.75	14.875
234	COL67	Y	-40.573	-46.179	14.875	17
235	COL67	Y	-46.179	-49.001	17	19.125
236	COL67	Y	-49.001	-45.099	19.125	21.25
237	COL67	Y	-45.099	-42.866	21.25	23.375
238	EDGE32	Y	-2.575	-2.575	0	1.85
239	EDGE33	Y	-4.383	-4.383	0	0.551
240	EDGE46	Y	-3.191	-3.191	23.518	25.022
241	COL12	Y	-58.018	-57.645	0	2.125
242	COL12	Y	-57.645	-71.694	2.125	4.25
243	COL12	Y	-71.694	-71.606	4.25	6.375
244	COL12	Y	-71.606	-57.283	6.375	8.5
245	COL12	Y	-57.283	-57.283	8.5	10.625
246	COL12	Y	-57.283	-57.283	10.625	12.75
247	COL12	Y	-57.283	-57.283	12.75	14.875
248	COL12	Y	-57.283	-71.606	14.875	17
249	COL12	Y	-71.606	-71.606	17	19.125
250	COL12	Y	-71.606	-57.283	19.125	21.25
251	COL12	Y	-57.283	-57.283	21.25	23.375
252	COL15	Y	-62.505	-62.505	0	2
253	COL15	Y	-62.505	-62.505	2	4
254	COL15	Y	-62.505	-62.505	4	6
255	COL15	Y	-62.505	-62.505	6	8

Member Distributed Loads (BLC 39 : BLC 4 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
256	COL15	Y	-62.505	-62.505	8	10
257	COL15	Y	-62.505	-62.505	10	12
258	COL15	Y	-62.505	-62.505	12	14
259	COL15	Y	-62.505	-62.505	14	16
260	COL15	Y	-62.505	-62.505	16	18
261	COL15	Y	-62.505	-62.505	18	20
262	COL15	Y	-62.505	-62.505	20	22
263	COL15	Y	-62.505	-62.505	22	24
264	COL15	Y	-62.505	-62.505	24	26
265	COL15	Y	-62.505	-62.505	26	28
266	COL15	Y	-62.505	-62.403	28	30
267	COL15	Y	-62.403	-62.121	30	32
268	COL15	Y	-62.121	-61.76	32	34
269	COL17	Y	-58.287	-58.287	0	2
270	COL17	Y	-58.287	-58.287	2	4
271	COL17	Y	-58.287	-58.287	4	6
272	COL17	Y	-58.287	-58.287	6	8
273	COL17	Y	-58.287	-58.287	8	10
274	COL17	Y	-58.287	-58.287	10	12
275	COL17	Y	-58.287	-58.287	12	14
276	COL17	Y	-58.287	-58.287	14	16
277	COL17	Y	-58.287	-58.287	16	18
278	COL17	Y	-58.287	-58.287	18	20
279	COL17	Y	-58.287	-58.287	20	22
280	COL17	Y	-58.287	-58.287	22	24
281	COL17	Y	-58.287	-58.287	24	26
282	COL17	Y	-58.287	-58.287	26	28
283	COL17	Y	-58.287	-58.198	28	30
284	COL17	Y	-58.198	-57.929	30	32
285	COL17	Y	-57.929	-57.568	32	34
286	COL19	Y	-62.505	-62.505	0	2
287	COL19	Y	-62.505	-62.505	2	4
288	COL19	Y	-62.505	-62.505	4	6
289	COL19	Y	-62.505	-62.505	6	8
290	COL19	Y	-62.505	-62.505	8	10
291	COL19	Y	-62.505	-62.505	10	12
292	COL19	Y	-62.505	-62.505	12	14
293	COL19	Y	-62.505	-62.505	14	16
294	COL19	Y	-62.505	-62.505	16	18
295	COL19	Y	-62.505	-62.505	18	20
296	COL19	Y	-62.505	-62.505	20	22
297	COL19	Y	-62.505	-62.505	22	24
298	COL19	Y	-62.505	-62.505	24	26
299	COL19	Y	-62.505	-62.505	26	28
300	COL19	Y	-62.505	-62.404	28	30
301	COL19	Y	-62.404	-62.121	30	32
302	COL19	Y	-62.121	-61.756	32	34
303	COL20	Y	-30.315	-30.315	0	2
304	COL20	Y	-30.315	-30.315	2	4
305	COL20	Y	-30.315	-30.315	4	6
306	COL20	Y	-30.315	-30.315	6	8
307	COL20	Y	-30.315	-30.315	8	10
308	COL20	Y	-30.315	-30.315	10	12
309	COL20	Y	-30.315	-30.315	12	14
310	COL20	Y	-30.315	-30.315	14	16
311	COL20	Y	-30.315	-30.315	16	18
312	COL20	Y	-30.315	-30.315	18	20
313	COL20	Y	-30.315	-30.315	20	22
314	COL20	Y	-30.315	-30.315	22	24
315	COL20	Y	-30.315	-30.315	24	26
316	COL20	Y	-30.315	-30.315	26	28
317	COL20	Y	-30.315	-30.265	28	30
318	COL20	Y	-30.265	-30.128	30	32
319	COL20	Y	-30.128	-29.956	32	34
320	COL21	Y	-62.505	-62.505	0	2
321	COL21	Y	-62.505	-62.505	2	4
322	COL21	Y	-62.505	-62.505	4	6
323	COL21	Y	-62.505	-62.505	6	8

Member Distributed Loads (BLC 39 : BLC 4 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
324	COL21	Y	-62.505	-62.505	8	10
325	COL21	Y	-62.505	-62.505	10	12
326	COL21	Y	-62.505	-62.505	12	14
327	COL21	Y	-62.505	-62.505	14	16
328	COL21	Y	-62.505	-62.505	16	18
329	COL21	Y	-62.505	-62.505	18	20
330	COL21	Y	-62.505	-62.505	20	22
331	COL21	Y	-62.505	-62.505	22	24
332	COL21	Y	-62.505	-62.505	24	26
333	COL21	Y	-62.505	-62.505	26	28
334	COL21	Y	-62.505	-62.403	28	30
335	COL21	Y	-62.403	-62.121	30	32
336	COL21	Y	-62.121	-61.76	32	34
337	COL24	Y	-61.568	-61.568	0	2
338	COL24	Y	-61.568	-61.568	2	4
339	COL24	Y	-61.568	-61.568	4	6
340	COL24	Y	-61.568	-61.568	6	8
341	COL24	Y	-61.568	-61.568	8	10
342	COL24	Y	-61.568	-61.568	10	12
343	COL24	Y	-61.568	-61.568	12	14
344	COL24	Y	-61.568	-61.568	14	16
345	COL24	Y	-61.568	-61.568	16	18
346	COL24	Y	-61.568	-61.568	18	20
347	COL24	Y	-61.568	-61.568	20	22
348	COL24	Y	-61.568	-61.568	22	24
349	COL24	Y	-61.568	-61.568	24	26
350	COL24	Y	-61.568	-61.568	26	28
351	COL24	Y	-61.568	-61.468	28	30
352	COL24	Y	-61.468	-61.189	30	32
353	COL24	Y	-61.189	-60.833	32	34
354	COL25	Y	-62.504	-62.504	0.006	33.979
355	COL27	Y	-38.698	-38.468	0	2.125
356	COL27	Y	-38.468	-47.856	2.125	4.25
357	COL27	Y	-47.856	-47.798	4.25	6.375
358	COL27	Y	-47.798	-38.237	6.375	8.5
359	COL27	Y	-38.237	-38.237	8.5	10.625
360	COL27	Y	-38.237	-38.237	10.625	12.75
361	COL27	Y	-38.237	-38.237	12.75	14.875
362	COL27	Y	-38.237	-47.798	14.875	17
363	COL27	Y	-47.798	-47.798	17	19.125
364	COL27	Y	-47.798	-38.237	19.125	21.25
365	COL27	Y	-38.237	-38.237	21.25	23.375
366	COL28	Y	-57.148	-56.78	0	2.125
367	COL28	Y	-56.78	-70.618	2.125	4.25
368	COL28	Y	-70.618	-70.532	4.25	6.375
369	COL28	Y	-70.532	-56.424	6.375	8.5
370	COL28	Y	-56.424	-56.424	8.5	10.625
371	COL28	Y	-56.424	-56.424	10.625	12.75
372	COL28	Y	-56.424	-56.424	12.75	14.875
373	COL28	Y	-56.424	-70.532	14.875	17
374	COL28	Y	-70.532	-70.532	17	19.125
375	COL28	Y	-70.532	-56.424	19.125	21.25
376	COL28	Y	-56.424	-56.424	21.25	23.375
377	COL32	Y	-58.024	-57.645	0	2.125
378	COL32	Y	-57.645	-71.692	2.125	4.25
379	COL32	Y	-71.692	-71.606	4.25	6.375
380	COL32	Y	-71.606	-57.283	6.375	8.5
381	COL32	Y	-57.283	-57.283	8.5	10.625
382	COL32	Y	-57.283	-57.283	10.625	12.75
383	COL32	Y	-57.283	-57.283	12.75	14.875
384	COL32	Y	-57.283	-71.606	14.875	17
385	COL32	Y	-71.606	-71.606	17	19.125
386	COL32	Y	-71.606	-57.283	19.125	21.25
387	COL32	Y	-57.283	-57.283	21.25	23.375
388	COL41	Y	-58.024	-57.645	0	2.125
389	COL41	Y	-57.645	-71.692	2.125	4.25
390	COL41	Y	-71.692	-71.606	4.25	6.375
391	COL41	Y	-71.606	-57.283	6.375	8.5

Member Distributed Loads (BLC 39 : BLC 4 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
392	COL41	Y	-57.283	-57.283	8.5	10.625
393	COL41	Y	-57.283	-57.283	10.625	12.75
394	COL41	Y	-57.283	-57.283	12.75	14.875
395	COL41	Y	-57.283	-71.606	14.875	17
396	COL41	Y	-71.606	-71.606	17	19.125
397	COL41	Y	-71.606	-57.283	19.125	21.25
398	COL41	Y	-57.283	-57.283	21.25	23.375
399	COL42	Y	-58.024	-57.645	0	2.125
400	COL42	Y	-57.645	-71.692	2.125	4.25
401	COL42	Y	-71.692	-71.606	4.25	6.375
402	COL42	Y	-71.606	-57.283	6.375	8.5
403	COL42	Y	-57.283	-57.283	8.5	10.625
404	COL42	Y	-57.283	-57.283	10.625	12.75
405	COL42	Y	-57.283	-57.283	12.75	14.875
406	COL42	Y	-57.283	-71.606	14.875	17
407	COL42	Y	-71.606	-71.606	17	19.125
408	COL42	Y	-71.606	-57.283	19.125	21.25
409	COL42	Y	-57.283	-57.283	21.25	23.375
410	COL43	Y	-58.024	-57.645	0	2.125
411	COL43	Y	-57.645	-71.692	2.125	4.25
412	COL43	Y	-71.692	-71.606	4.25	6.375
413	COL43	Y	-71.606	-57.283	6.375	8.5
414	COL43	Y	-57.283	-57.283	8.5	10.625
415	COL43	Y	-57.283	-57.283	10.625	12.75
416	COL43	Y	-57.283	-57.283	12.75	14.875
417	COL43	Y	-57.283	-71.606	14.875	17
418	COL43	Y	-71.606	-71.606	17	19.125
419	COL43	Y	-71.606	-57.283	19.125	21.25
420	COL43	Y	-57.283	-57.283	21.25	23.375
421	COL44	Y	-58.019	-57.646	0	2.125
422	COL44	Y	-57.646	-71.694	2.125	4.25
423	COL44	Y	-71.694	-71.606	4.25	6.375
424	COL44	Y	-71.606	-57.283	6.375	8.5
425	COL44	Y	-57.283	-57.283	8.5	10.625
426	COL44	Y	-57.283	-57.283	10.625	12.75
427	COL44	Y	-57.283	-57.283	12.75	14.875
428	COL44	Y	-57.283	-71.606	14.875	17
429	COL44	Y	-71.606	-71.606	17	19.125
430	COL44	Y	-71.606	-57.283	19.125	21.25
431	COL44	Y	-57.283	-57.283	21.25	23.375
432	COL45	Y	-54.101	-53.753	0	2.125
433	COL45	Y	-53.753	-66.854	2.125	4.25
434	COL45	Y	-66.854	-66.773	4.25	6.375
435	COL45	Y	-66.773	-53.417	6.375	8.5
436	COL45	Y	-53.417	-53.417	8.5	10.625
437	COL45	Y	-53.417	-53.417	10.625	12.75
438	COL45	Y	-53.417	-53.417	12.75	14.875
439	COL45	Y	-53.417	-66.773	14.875	17
440	COL45	Y	-66.773	-66.773	17	19.125
441	COL45	Y	-66.773	-53.417	19.125	21.25
442	COL45	Y	-53.417	-53.417	21.25	23.375
443	COL58	Y	-62.505	-62.505	0	2
444	COL58	Y	-62.505	-62.505	2	4
445	COL58	Y	-62.505	-62.505	4	6
446	COL58	Y	-62.505	-62.505	6	8
447	COL58	Y	-62.505	-62.505	8	10
448	COL58	Y	-62.505	-62.505	10	12
449	COL58	Y	-62.505	-62.505	12	14
450	COL58	Y	-62.505	-62.505	14	16
451	COL58	Y	-62.505	-62.505	16	18
452	COL58	Y	-62.505	-62.505	18	20
453	COL58	Y	-62.505	-62.505	20	22
454	COL58	Y	-62.505	-62.505	22	24
455	COL58	Y	-62.505	-62.505	24	26
456	COL58	Y	-62.505	-62.505	26	28
457	COL58	Y	-62.505	-62.403	28	30
458	COL58	Y	-62.403	-62.121	30	32
459	COL58	Y	-62.121	-61.76	32	34

Member Distributed Loads (BLC 39 : BLC 4 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
460	COL59	Y	-62.505	-62.505	0	2
461	COL59	Y	-62.505	-62.505	2	4
462	COL59	Y	-62.505	-62.505	4	6
463	COL59	Y	-62.505	-62.505	6	8
464	COL59	Y	-62.505	-62.505	8	10
465	COL59	Y	-62.505	-62.505	10	12
466	COL59	Y	-62.505	-62.505	12	14
467	COL59	Y	-62.505	-62.505	14	16
468	COL59	Y	-62.505	-62.505	16	18
469	COL59	Y	-62.505	-62.505	18	20
470	COL59	Y	-62.505	-62.505	20	22
471	COL59	Y	-62.505	-62.505	22	24
472	COL59	Y	-62.505	-62.505	24	26
473	COL59	Y	-62.505	-62.505	26	28
474	COL59	Y	-62.505	-62.403	28	30
475	COL59	Y	-62.403	-62.121	30	32
476	COL59	Y	-62.121	-61.76	32	34
477	COL61	Y	-41.716	-41.716	0.003	33.982
478	COL66	Y	-55.52	-55.203	0	2.125
479	COL66	Y	-55.203	-64.156	2.125	4.25
480	COL66	Y	-64.156	-68.606	4.25	6.375
481	COL66	Y	-68.606	-59.419	6.375	8.5
482	COL66	Y	-59.419	-54.893	8.5	10.625
483	COL66	Y	-54.893	-54.893	10.625	12.75
484	COL66	Y	-54.893	-54.893	12.75	14.875
485	COL66	Y	-54.893	-64.08	14.875	17
486	COL66	Y	-64.08	-66.901	17	19.125
487	COL66	Y	-66.901	-59.419	19.125	21.25
488	COL66	Y	-59.419	-57.186	21.25	23.375
489	COL20	Y	-34.751	-34.716	0	2.04
490	COL20	Y	-34.716	-34.658	2.04	4.08
491	COL20	Y	-34.658	-36.794	4.08	6.12
492	COL20	Y	-36.794	-39.028	6.12	8.16
493	COL20	Y	-39.028	-38.544	8.16	10.2
494	COL20	Y	-38.544	-34.717	10.2	12.24
495	COL20	Y	-34.717	-34.303	12.24	14.28
496	COL20	Y	-34.303	-27.338	14.28	16.32
497	COL20	Y	-27.338	-8.749	16.32	18.36
498	COL20	Y	-8.749	0.0008534	18.36	20.4
499	COL53	Y	-54.944	-54.946	0	2.111
500	COL53	Y	-54.946	-55.476	2.111	4.222
501	COL53	Y	-55.476	-57.831	4.222	6.333
502	COL53	Y	-57.831	-57.579	6.333	8.445
503	COL53	Y	-57.579	-56	8.445	10.556
504	COL53	Y	-56	-56.998	10.556	12.667
505	EDGE18	Y	-3.323	-0.971	0	5.83
506	EDGE18	Y	-0.971	0.206	5.83	11.66
507	EDGE18	Y	0.206	0.206	11.66	17.49
508	EDGE18	Y	0.206	-0.674	17.49	23.32
509	EDGE18	Y	-0.674	-2.433	23.32	29.15
510	PARAPET4	Y	-64.621	-53.718	0	0.967
511	PARAPET4	Y	-53.718	-52.294	0.967	1.933
512	PARAPET4	Y	-52.294	-65.418	1.933	2.9
513	PARAPET4	Y	-65.418	-74.579	2.9	3.866
514	PARAPET4	Y	-74.579	-74.707	3.866	4.833
515	COL22	Y	-0.363	-8.098	10.2	12.364
516	COL22	Y	-8.098	-28.75	12.364	14.527
517	COL22	Y	-28.75	-37.356	14.527	16.691
518	COL22	Y	-37.356	-33.106	16.691	18.855
519	COL22	Y	-33.106	-38.17	18.855	21.018
520	COL22	Y	-38.17	-38.583	21.018	23.182
521	COL22	Y	-38.583	-33.28	23.182	25.345
522	COL22	Y	-33.28	-32.577	25.345	27.509
523	COL22	Y	-32.577	-40.77	27.509	29.673
524	COL22	Y	-40.77	-40.966	29.673	31.836
525	COL22	Y	-40.966	-24.999	31.836	34
526	COL38	Y	-34.188	-34.414	0	2.083
527	COL38	Y	-34.414	-34.584	2.083	4.165

Member Distributed Loads (BLC 39 : BLC 4 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
528	COL38	Y	-34.584	-34.685	4.165	6.248
529	COL38	Y	-34.685	-34.736	6.248	8.33
530	COL38	Y	-34.736	-43.072	8.33	10.413
531	COL38	Y	-43.072	-42.364	10.413	12.495
532	COL38	Y	-42.364	-33.327	12.495	14.578
533	COL38	Y	-33.327	-33.327	14.578	16.66
534	COL38	Y	-33.327	-33.327	16.66	18.743
535	COL38	Y	-33.327	-33.327	18.743	20.825
536	COL38	Y	-33.327	-41.658	20.825	22.908
537	COL38	Y	-41.658	-41.658	22.908	24.991
538	COL38	Y	-41.658	-33.327	24.991	27.073
539	COL38	Y	-33.327	-33.327	27.073	29.156
540	COL65	Y	-2.4	-24.145	11.925	14.065
541	COL65	Y	-24.145	-37.826	14.065	16.206
542	COL65	Y	-37.826	-35.525	16.206	18.346
543	COL65	Y	-35.525	-30.43	18.346	20.487
544	COL65	Y	-30.43	-31.038	20.487	22.627
545	COL65	Y	-31.038	-38.015	22.627	24.767
546	COL65	Y	-38.015	-37.606	24.767	26.908
547	COL65	Y	-37.606	-30.904	26.908	29.048
548	EDGE34	Y	-2.461	-2.461	22.643	26.541
549	X_RIGID1	Y	-2.969	-2.969	1.926e-14	17.156
550	X_RIGID2	Y	-2.977	-2.977	0	8.869
551	X_RIGID3	Y	-2.97	-2.97	4.996e-16	23.242
552	COL16	Y	-31.106	-30.916	0	2.111
553	COL16	Y	-30.916	-30.692	2.111	4.222
554	COL16	Y	-30.692	-30.401	4.222	6.333
555	COL16	Y	-30.401	-30.162	6.333	8.445
556	COL16	Y	-30.162	-32.505	8.445	10.556
557	COL16	Y	-32.505	-37.342	10.556	12.667
558	COL18	Y	-45.334	-45.52	0	2.111
559	COL18	Y	-45.52	-49.65	2.111	4.222
560	COL18	Y	-49.65	-50.224	4.222	6.333
561	COL18	Y	-50.224	-46.424	6.333	8.445
562	COL18	Y	-46.424	-47.759	8.445	10.556
563	COL18	Y	-47.759	-51.102	10.556	12.667
564	COL39	Y	-28.349	-28.195	0	2.111
565	COL39	Y	-28.195	-30.065	2.111	4.222
566	COL39	Y	-30.065	-30.599	4.222	6.333
567	COL39	Y	-30.599	-28.518	6.333	8.445
568	COL39	Y	-28.518	-28.985	8.445	10.556
569	COL39	Y	-28.985	-31.255	10.556	12.667
570	COL50	Y	-32.772	-32.672	0	2.111
571	COL50	Y	-32.672	-32.511	2.111	4.222
572	COL50	Y	-32.511	-33.832	4.222	6.333
573	COL50	Y	-33.832	-34.431	6.333	8.445
574	COL50	Y	-34.431	-34.097	8.445	10.556
575	COL50	Y	-34.097	-35.096	10.556	12.667
576	COL51	Y	-58.834	-59.112	0	2.111
577	COL51	Y	-59.112	-63.901	2.111	4.222
578	COL51	Y	-63.901	-66.268	4.222	6.333
579	COL51	Y	-66.268	-63.533	6.333	8.445
580	COL51	Y	-63.533	-62.556	8.445	10.556
581	COL51	Y	-62.556	-61.504	10.556	12.667
582	COL52	Y	-39.654	-39.641	0	2.111
583	COL52	Y	-39.641	-40.176	2.111	4.222
584	COL52	Y	-40.176	-41.815	4.222	6.333
585	COL52	Y	-41.815	-42.802	6.333	8.445
586	COL52	Y	-42.802	-41.995	8.445	10.556
587	COL52	Y	-41.995	-40.602	10.556	12.667
588	COL65	Y	-12.748	-21.082	0	2.208
589	COL65	Y	-21.082	-21.064	2.208	4.417
590	COL65	Y	-21.064	-16.856	4.417	6.625
591	COL65	Y	-16.856	-16.815	6.625	8.833
592	COL65	Y	-16.815	-20.942	8.833	11.042
593	COL65	Y	-20.942	-20.987	11.042	13.25
594	COL65	Y	-20.987	-16.914	13.25	15.458
595	COL65	Y	-16.914	-8.586	15.458	17.667

Member Distributed Loads (BLC 39 : BLC 4 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
596	COL65	Y	-8.586	-0.232	17.667	19.875
597	COL71	Y	-31.159	-30.934	0	2.111
598	COL71	Y	-30.934	-30.647	2.111	4.222
599	COL71	Y	-30.647	-30.181	4.222	6.333
600	COL71	Y	-30.181	-29.572	6.333	8.445
601	COL71	Y	-29.572	-31.194	8.445	10.556
602	COL71	Y	-31.194	-35.073	10.556	12.667
603	PARAPET1	Y	-67.575	-61.393	0	0.967
604	PARAPET1	Y	-61.393	-57.056	0.967	1.933
605	PARAPET1	Y	-57.056	-61.368	1.933	2.9
606	PARAPET1	Y	-61.368	-67.084	2.9	3.866
607	PARAPET1	Y	-67.084	-67.4	3.866	4.833
608	PARAPET2	Y	-75.71	-64.187	0	0.967
609	PARAPET2	Y	-64.187	-54.47	0.967	1.933
610	PARAPET2	Y	-54.47	-56.693	1.933	2.9
611	PARAPET2	Y	-56.693	-65.267	2.9	3.866
612	PARAPET2	Y	-65.267	-70.057	3.866	4.833
613	PARAPET3	Y	-65.519	-61.669	0	0.967
614	PARAPET3	Y	-61.669	-46.765	0.967	1.933
615	PARAPET3	Y	-46.765	-50.868	1.933	2.9
616	PARAPET3	Y	-50.868	-68.023	2.9	3.866
617	PARAPET3	Y	-68.023	-68.168	3.866	4.833
618	PARAPET5	Y	-62.699	-49.59	0	0.967
619	PARAPET5	Y	-49.59	-41.765	0.967	1.933
620	PARAPET5	Y	-41.765	-45.893	1.933	2.9
621	PARAPET5	Y	-45.893	-53.614	2.9	3.866
622	PARAPET5	Y	-53.614	-58.261	3.866	4.833
623	PARAPET6	Y	-64.923	-60.951	0	0.967
624	PARAPET6	Y	-60.951	-56.25	0.967	1.933
625	PARAPET6	Y	-56.25	-60.5	1.933	2.9
626	PARAPET6	Y	-60.5	-67.451	2.9	3.866
627	PARAPET6	Y	-67.451	-67.425	3.866	4.833
628	M682	Y	-31.159	-30.934	0	2.111
629	M682	Y	-30.934	-30.647	2.111	4.222
630	M682	Y	-30.647	-30.181	4.222	6.333
631	M682	Y	-30.181	-29.572	6.333	8.445
632	M682	Y	-29.572	-31.194	8.445	10.556
633	M682	Y	-31.194	-35.073	10.556	12.667
634	COL20	Y	-29.228	-29.228	13.886	33.979
635	COL23	Y	-61.643	-61.643	13.6	15.64
636	COL23	Y	-61.643	-61.643	15.64	17.68
637	COL23	Y	-61.643	-61.643	17.68	19.72
638	COL23	Y	-61.643	-61.643	19.72	21.76
639	COL23	Y	-61.643	-61.643	21.76	23.8
640	COL23	Y	-61.643	-61.643	23.8	25.84
641	COL23	Y	-61.643	-61.643	25.84	27.88
642	COL23	Y	-61.643	-61.623	27.88	29.92
643	COL23	Y	-61.623	-61.532	29.92	31.96
644	COL23	Y	-61.532	-61.389	31.96	34
645	COL31	Y	-61.506	-62.362	0	2.034
646	COL31	Y	-62.362	-63.457	2.034	4.067
647	COL31	Y	-63.457	-63.336	4.067	6.101
648	COL31	Y	-63.336	-62.276	6.101	8.135
649	COL31	Y	-62.276	-61.983	8.135	10.168
650	COL31	Y	-61.983	-61.315	10.168	12.202
651	COL31	Y	-61.315	-60.631	12.202	14.236
652	COL31	Y	-60.631	-61.499	14.236	16.269
653	COL31	Y	-61.499	-62.579	16.269	18.303
654	COL31	Y	-62.579	-62.928	18.303	20.337
655	COL31	Y	-62.928	-63.367	20.337	22.37
656	COL31	Y	-63.367	-63.309	22.37	24.404
657	COL31	Y	-63.309	-62.66	24.404	26.438
658	COL33	Y	-58.632	-58.232	0	2.114
659	COL33	Y	-58.232	-57.791	2.114	4.228
660	COL33	Y	-57.791	-68.416	4.228	6.342
661	COL33	Y	-68.416	-72.914	6.342	8.456
662	COL33	Y	-72.914	-62.166	8.456	10.57
663	COL33	Y	-62.166	-57.521	10.57	12.684

Member Distributed Loads (BLC 39 : BLC 4 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
664	COL33	Y	-57.521	-56.996	12.684	14.797
665	COL33	Y	-56.996	-57.684	14.797	16.911
666	COL33	Y	-57.684	-65.829	16.911	19.025
667	COL33	Y	-65.829	-68.231	19.025	21.139
668	COL33	Y	-68.231	-62.38	21.139	23.253
669	COL33	Y	-62.38	-60.769	23.253	25.367
670	COL33	Y	-60.769	-59.663	25.367	27.481
671	COL36	Y	-60.132	-60.144	0	2.029
672	COL36	Y	-60.144	-60.093	2.029	4.058
673	COL36	Y	-60.093	-59.935	4.058	6.088
674	COL36	Y	-59.935	-59.712	6.088	8.117
675	COL36	Y	-59.712	-60.082	8.117	10.146
676	COL36	Y	-60.082	-61.06	10.146	12.175
677	COL36	Y	-61.06	-61.425	12.175	14.205
678	COL36	Y	-61.425	-61.204	14.205	16.234
679	COL36	Y	-61.204	-61.016	16.234	18.263
680	COL36	Y	-61.016	-60.84	18.263	20.292
681	COL36	Y	-60.84	-60.671	20.292	22.321
682	COL36	Y	-60.671	-60.508	22.321	24.351
683	COL47	Y	-49.77	-49.826	0	2.037
684	COL47	Y	-49.826	-49.902	2.037	4.075
685	COL47	Y	-49.902	-50.023	4.075	6.112
686	COL47	Y	-50.023	-50.168	6.112	8.15
687	COL47	Y	-50.168	-50.344	8.15	10.187
688	COL47	Y	-50.344	-50.589	10.187	12.225
689	COL47	Y	-50.589	-50.895	12.225	14.262
690	COL47	Y	-50.895	-50.761	14.262	16.3
691	COL47	Y	-50.761	-50.389	16.3	18.337
692	COL47	Y	-50.389	-49.79	18.337	20.375
693	COL47	Y	-49.79	-48.971	20.375	22.412
694	COL47	Y	-48.971	-49.129	22.412	24.449
695	COL47	Y	-49.129	-49.846	24.449	26.487
696	COL47	Y	-49.846	-50.377	26.487	28.524
697	COL48	Y	-59.114	-59.026	0	2.116
698	COL48	Y	-59.026	-59.122	2.116	4.232
699	COL48	Y	-59.122	-69.722	4.232	6.349
700	COL48	Y	-69.722	-70.221	6.349	8.465
701	COL48	Y	-70.221	-59.244	8.465	10.581
702	COL48	Y	-59.244	-59.539	10.581	12.697
703	COL48	Y	-59.539	-60.988	12.697	14.813
704	COL48	Y	-60.988	-61.105	14.813	16.929
705	COL48	Y	-61.105	-62.81	16.929	19.046
706	COL48	Y	-62.81	-63.96	19.046	21.162
707	COL48	Y	-63.96	-62.81	21.162	23.278
708	COL48	Y	-62.81	-61.661	23.278	25.394
709	COL54	Y	-33.124	-32.993	13.6	15.64
710	COL54	Y	-32.993	-32.846	15.64	17.68
711	COL54	Y	-32.846	-32.791	17.68	19.72
712	COL54	Y	-32.791	-37.113	19.72	21.76
713	COL54	Y	-37.113	-45.836	21.76	23.8
714	COL54	Y	-45.836	-49.924	23.8	25.84
715	COL54	Y	-49.924	-49.041	25.84	27.88
716	COL54	Y	-49.041	-49.52	27.88	29.92
717	COL54	Y	-49.52	-50.149	29.92	31.96
718	COL54	Y	-50.149	-49.361	31.96	34
719	COL55	Y	-30.869	-30.712	13.6	15.64
720	COL55	Y	-30.712	-30.529	15.64	17.68
721	COL55	Y	-30.529	-30.415	17.68	19.72
722	COL55	Y	-30.415	-39.204	19.72	21.76
723	COL55	Y	-39.204	-54.646	21.76	23.8
724	COL55	Y	-54.646	-61.58	23.8	25.84
725	COL55	Y	-61.58	-62.848	25.84	27.88
726	COL55	Y	-62.848	-63.076	27.88	29.92
727	COL55	Y	-63.076	-61.715	29.92	31.96
728	COL55	Y	-61.715	-60.493	31.96	34
729	COL56	Y	-47.55	-47.523	13.6	15.64
730	COL56	Y	-47.523	-47.484	15.64	17.68
731	COL56	Y	-47.484	-47.389	17.68	19.72

Member Distributed Loads (BLC 39 : BLC 4 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
732	COL56	Y	-47.389	-51.756	19.72	21.76
733	COL56	Y	-51.756	-58.348	21.76	23.8
734	COL56	Y	-58.348	-61.07	23.8	25.84
735	COL56	Y	-61.07	-63.142	25.84	27.88
736	COL56	Y	-63.142	-62.951	27.88	29.92
737	COL56	Y	-62.951	-61.263	29.92	31.96
738	COL56	Y	-61.263	-61.276	31.96	34
739	COL57	Y	-59.634	-59.634	13.6	15.64
740	COL57	Y	-59.634	-59.634	15.64	17.68
741	COL57	Y	-59.634	-59.634	17.68	19.72
742	COL57	Y	-59.634	-59.634	19.72	21.76
743	COL57	Y	-59.634	-59.634	21.76	23.8
744	COL57	Y	-59.634	-59.634	23.8	25.84
745	COL57	Y	-59.634	-59.634	25.84	27.88
746	COL57	Y	-59.634	-59.658	27.88	29.92
747	COL57	Y	-59.658	-59.726	29.92	31.96
748	COL57	Y	-59.726	-59.813	31.96	34
749	COL69	Y	-24.922	-28.05	13.65	15.47
750	COL69	Y	-28.05	-32.631	15.47	17.29
751	COL69	Y	-32.631	-33.205	17.29	19.11
752	COL69	Y	-33.205	-30.583	19.11	20.93
753	COL69	Y	-30.583	-30.227	20.93	22.75
754	COL70	Y	-24.922	-28.05	13.65	15.47
755	COL70	Y	-28.05	-32.631	15.47	17.29
756	COL70	Y	-32.631	-33.205	17.29	19.11
757	COL70	Y	-33.205	-30.583	19.11	20.93
758	COL70	Y	-30.583	-30.227	20.93	22.75
759	EDGE10	Y	-3.19	-3.19	23.518	25.022
760	EDGE29	Y	-2.36	-2.36	0.714	1.714
761	EDGE31	Y	-4.386	-4.386	0	0.55
762	X_RIGID1	Y	-17.332	-17.428	0	2.144
763	X_RIGID1	Y	-17.428	-19.139	2.144	4.289
764	X_RIGID1	Y	-19.139	-19.773	4.289	6.433
765	X_RIGID1	Y	-19.773	-18.251	6.433	8.578
766	X_RIGID1	Y	-18.251	-18.949	8.578	10.722
767	X_RIGID1	Y	-18.949	-19.34	10.722	12.867
768	X_RIGID1	Y	-19.34	-18.535	12.867	15.011
769	X_RIGID1	Y	-18.535	-18.525	15.011	17.156
770	X_RIGID2	Y	-28.461	-16.977	0	1.774
771	X_RIGID2	Y	-16.977	-16.922	1.774	3.548
772	X_RIGID2	Y	-16.922	-21.783	3.548	5.321
773	X_RIGID2	Y	-21.783	-17.358	5.321	7.095
774	X_RIGID2	Y	-17.358	-10.159	7.095	8.869
775	X_RIGID3	Y	-18.428	-20.245	0	2.114
776	X_RIGID3	Y	-20.245	-21.009	2.114	4.227
777	X_RIGID3	Y	-21.009	-19.201	4.227	6.341
778	X_RIGID3	Y	-19.201	-17.538	6.341	8.455
779	X_RIGID3	Y	-17.538	-17.55	8.455	10.568
780	X_RIGID3	Y	-17.55	-17.572	10.568	12.682
781	X_RIGID3	Y	-17.572	-18.69	12.682	14.795
782	X_RIGID3	Y	-18.69	-21.971	14.795	16.909
783	X_RIGID3	Y	-21.971	-20.856	16.909	19.023
784	X_RIGID3	Y	-20.856	-17.587	19.023	21.136
785	X_RIGID3	Y	-17.587	-17.625	21.136	23.25
786	SCREEN13	Y	-6.25	-6.25	8.882e-16	16
787	SCREEN21	Y	-6.25	-6.25	1.11e-15	16
788	SCREEN11	Y	-6.25	-6.25	2.776e-16	3.5
789	SCREEN12	Y	-6.25	-6.25	3.764e-14	15
790	SCREEN15	Y	-6.25	-6.25	9.77e-15	15
791	SCREEN23	Y	-6.25	-6.25	1.776e-14	25
792	SCREEN24	Y	-6.25	-6.25	2.22e-16	3.5
793	SCREEN25	Y	-6.25	-6.25	1.954e-14	25
794	SCREEN10	Y	-6.25	-6.25	8.882e-16	16
795	SCREEN22	Y	-6.25	-6.25	8.882e-16	16
796	COL29	Y	-41.353	-41.562	0	2.128
797	COL29	Y	-41.562	-41.679	2.128	4.256
798	COL29	Y	-41.679	-40.508	4.256	6.383
799	COL29	Y	-40.508	-49.134	6.383	8.511

Member Distributed Loads (BLC 39 : BLC 4 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
800	COL29	Y	-49.134	-49.134	8.511	10.639
801	COL29	Y	-49.134	-39.324	10.639	12.767
802	COL29	Y	-39.324	-39.324	12.767	14.895
803	COL29	Y	-39.324	-47.391	14.895	17.022
804	COL29	Y	-47.391	-49.134	17.022	19.15
805	COL29	Y	-49.134	-41.067	19.15	21.278
806	COL29	Y	-41.067	-37.581	21.278	23.406
807	COL49	Y	-42.51	-42.51	0	2.048
808	COL49	Y	-42.51	-42.51	2.048	4.097
809	COL49	Y	-42.51	-42.51	4.097	6.145
810	COL49	Y	-42.51	-42.51	6.145	8.194
811	COL49	Y	-42.51	-42.51	8.194	10.242
812	COL49	Y	-42.51	-42.51	10.242	12.29
813	COL49	Y	-42.51	-45.003	12.29	14.339
814	COL49	Y	-45.003	-50.624	14.339	16.387
815	COL49	Y	-50.624	-50.015	16.387	18.435
816	COL49	Y	-50.015	-45.023	18.435	20.484
817	COL49	Y	-45.023	-43.139	20.484	22.532
818	COL49	Y	-43.139	-42.51	22.532	24.581
819	COL49	Y	-42.51	-42.51	24.581	26.629
820	COL49	Y	-42.51	-42.51	26.629	28.677
821	COL49	Y	-42.51	-42.502	28.677	30.726
822	COL49	Y	-42.502	-42.488	30.726	32.774
823	COL49	Y	-42.488	-42.482	32.774	34.823
824	COL49	Y	-42.482	-42.497	34.823	36.871
825	COL49	Y	-42.497	-42.526	36.871	38.919
826	COL49	Y	-42.526	-42.556	38.919	40.968
827	COL49	Y	-42.556	-42.586	40.968	43.016
828	COL49	Y	-42.586	-42.479	43.016	45.065
829	COL49	Y	-42.479	-44.702	45.065	47.113
830	COL49	Y	-44.702	-49.475	47.113	49.161
831	COL49	Y	-49.475	-48.769	49.161	51.21
832	COL49	Y	-48.769	-45.023	51.21	53.258
833	COL49	Y	-45.023	-43.191	53.258	55.306
834	COL49	Y	-43.191	-41.971	55.306	57.355
835	COL49	Y	-41.971	-41.971	57.355	59.403
836	COL49	Y	-41.971	-41.971	59.403	61.452
837	COL49	Y	-41.971	-41.971	61.452	63.5
838	COL65	Y	-9.811	-9.811	0	2.092
839	COL65	Y	-9.811	-9.811	2.092	4.184
840	COL65	Y	-9.811	-9.811	4.184	6.276
841	COL65	Y	-9.811	-12.264	6.276	8.368
842	COL65	Y	-12.264	-12.264	8.368	10.461
843	COL65	Y	-12.264	-9.811	10.461	12.553
844	COL65	Y	-9.811	-9.811	12.553	14.645
845	COL65	Y	-9.811	-9.811	14.645	16.737
846	COL65	Y	-9.811	-9.811	16.737	18.829
847	COL65	Y	-9.811	-9.811	18.829	20.921
848	COL65	Y	-9.811	-9.811	20.921	23.013
849	COL65	Y	-9.811	-9.811	23.013	25.105
850	COL65	Y	-9.811	-9.811	25.105	27.197
851	COL65	Y	-9.811	-11.65	27.197	29.289
852	COL65	Y	-42.554	-43.334	29.289	31.382
853	COL65	Y	-43.334	-43.358	31.382	33.474
854	COL65	Y	-43.358	-48.798	33.474	35.566
855	COL65	Y	-48.798	-47.281	35.566	37.658
856	COL65	Y	-47.281	-35.719	37.658	39.75
857	COL34	Y	-33.373	-33.373	0	2
858	COL34	Y	-33.373	-33.373	2	4
859	COL34	Y	-33.373	-33.373	4	6
860	COL34	Y	-33.373	-33.373	6	8
861	COL34	Y	-33.373	-33.373	8	10
862	COL34	Y	-33.373	-33.373	10	12
863	COL34	Y	-33.373	-33.373	12	14
864	COL34	Y	-33.373	-33.373	14	16
865	COL34	Y	-33.373	-33.373	16	18
866	COL34	Y	-33.373	-33.373	18	20
867	COL34	Y	-33.373	-33.373	20	22

Member Distributed Loads (BLC 39 : BLC 4 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
868	COL34	Y	-33.373	-33.373	22	24
869	COL34	Y	-33.373	-33.373	24	26
870	COL34	Y	-33.373	-33.373	26	28
871	COL34	Y	-33.373	-33.373	28	30
872	COL34	Y	-33.373	-33.356	30	32
873	COL34	Y	-33.356	-33.34	32	34
874	COL34	Y	-33.34	-33.34	34	36
875	COL34	Y	-33.34	-33.336	36	38
876	COL34	Y	-33.336	-33.313	38	40
877	COL34	Y	-33.313	-33.285	40	42
878	COL34	Y	-33.285	-33.235	42	44
879	COL34	Y	-33.235	-33.154	44	46
880	COL40	Y	-45.022	-75.408	0	2.188
881	COL40	Y	-75.408	-75.84	2.188	4.375
882	COL40	Y	-75.84	-60.725	4.375	6.562
883	COL40	Y	-60.725	-59.997	6.562	8.75
884	COL40	Y	-59.997	-74.57	8.75	10.938
885	COL40	Y	-74.57	-74.902	10.938	13.125
886	COL40	Y	-74.902	-60.394	13.125	15.312
887	COL40	Y	-60.394	-60.605	15.312	17.5
888	COL10	Y	-27.031	-27.031	44.5	46
889	COL34	Y	-33.281	-33.281	44.5	46
890	COL68	Y	-27.823	-46.688	0	2.188
891	COL68	Y	-46.688	-46.943	2.188	4.375
892	COL68	Y	-46.943	-37.801	4.375	6.562
893	COL68	Y	-37.801	-37.855	6.562	8.75
894	COL68	Y	-37.855	-47.203	8.75	10.938
895	COL68	Y	-47.203	-47.208	10.938	13.125
896	COL68	Y	-47.208	-37.884	13.125	15.312
897	COL68	Y	-37.884	-37.886	15.312	17.5
898	TRUSS10	Y	-62.5	-62.5	0	1.5
899	TRUSS11	Y	-40.726	-69.585	0	2.188
900	TRUSS11	Y	-69.585	-70.503	2.188	4.375
901	TRUSS11	Y	-70.503	-57.219	4.375	6.562
902	TRUSS11	Y	-57.219	-56.609	6.562	8.75
903	TRUSS11	Y	-56.609	-69.924	8.75	10.938
904	TRUSS11	Y	-69.924	-70.408	10.938	13.125
905	TRUSS11	Y	-70.408	-56.83	13.125	15.312
906	TRUSS11	Y	-56.83	-57.009	15.312	17.5
907	TRUSS12	Y	-40.933	-68.929	0	2.188
908	TRUSS12	Y	-68.929	-69.234	2.188	4.375
909	TRUSS12	Y	-69.234	-55.306	4.375	6.562
910	TRUSS12	Y	-55.306	-57.55	6.562	8.75
911	TRUSS12	Y	-57.55	-71.961	8.75	10.938
912	TRUSS12	Y	-71.961	-70.761	10.938	13.125
913	TRUSS12	Y	-70.761	-57.39	13.125	15.312
914	TRUSS12	Y	-57.39	-56.912	15.312	17.5
915	TRUSS16	Y	-40.933	-68.929	0	2.188
916	TRUSS16	Y	-68.929	-69.234	2.188	4.375
917	TRUSS16	Y	-69.234	-55.306	4.375	6.562
918	TRUSS16	Y	-55.306	-57.55	6.562	8.75
919	TRUSS16	Y	-57.55	-71.961	8.75	10.938
920	TRUSS16	Y	-71.961	-70.761	10.938	13.125
921	TRUSS16	Y	-70.761	-57.39	13.125	15.312
922	TRUSS16	Y	-57.39	-56.912	15.312	17.5
923	TRUSS17	Y	-30.141	-51.694	0	2.188
924	TRUSS17	Y	-51.694	-52.365	2.188	4.375
925	TRUSS17	Y	-52.365	-42.357	4.375	6.562
926	TRUSS17	Y	-42.357	-42.547	6.562	8.75
927	TRUSS17	Y	-42.547	-53.264	8.75	10.938
928	TRUSS17	Y	-53.264	-53.382	10.938	13.125
929	TRUSS17	Y	-53.382	-42.879	13.125	15.312
930	TRUSS17	Y	-42.879	-42.879	15.312	17.5
931	TRUSS20	Y	-37.913	-64.528	0	2.188
932	TRUSS20	Y	-64.528	-65.207	2.188	4.375
933	TRUSS20	Y	-65.207	-52.674	4.375	6.562
934	TRUSS20	Y	-52.674	-52.857	6.562	8.75
935	TRUSS20	Y	-52.857	-66.104	8.75	10.938

Member Distributed Loads (BLC 39 : BLC 4 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
936	TRUSS20	Y	-66.104	-66.218	10.938	13.125
937	TRUSS20	Y	-66.218	-53.17	13.125	15.312
938	TRUSS20	Y	-53.17	-53.164	15.312	17.5
939	TRUSS21	Y	-30.143	-51.696	0	2.188

Member Distributed Loads (BLC 40 : BLC 5 Transient Area Loads)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	BM36	Y	-105.791	-105.791	10.592	13.428
2	BM35	Y	-105	-105	12.261	20.351
3	BM43	Y	-226.552	-226.552	0.181	2.599
4	BM46	Y	-56.638	-56.638	0.181	2.599
5	M686	Y	-61.211	-61.211	25.277	27.515
6	M688	Y	-244.843	-244.843	25.277	27.515
7	BM38	Y	-226.552	-226.552	7.075	11.912
8	BM41	Y	-56.638	-56.638	7.075	11.912
9	BM21	Y	-283.19	-283.19	7.075	11.912
10	BM24	Y	-283.19	-283.19	7.075	11.912
11	BM20	Y	-84.957	-84.957	7.075	11.912
12	BM40	Y	-198.233	-198.233	7.075	11.912
13	BM45	Y	-198.233	-198.233	0.181	2.599
14	BM48	Y	-84.957	-84.957	0.181	2.599
15	M676	Y	-91.816	-91.816	25.277	27.515
16	M696	Y	-214.237	-214.237	25.277	27.515
17	BM44	Y	-283.19	-283.19	0.181	2.599
18	M684	Y	-306.053	-306.053	25.277	27.515
19	BM22	Y	-322.311	-325.107	0	1.072
20	BM22	Y	-325.107	-163.369	1.072	2.144
21	BM22	Y	-163.369	-0.233	2.144	3.217
22	M694	Y	0.274	-182.396	24.763	25.68
23	M694	Y	-182.396	-366.714	25.68	26.597
24	M694	Y	-366.714	-370.008	26.597	27.515
25	BM25	Y	-84.957	-84.957	7.075	11.912
26	BM39	Y	-198.233	-198.233	7.075	11.912
27	BM18	Y	-84.957	-84.957	0.181	2.599
28	BM42	Y	-198.233	-198.233	0.181	2.599
29	M690	Y	-214.237	-214.237	25.277	27.515
30	M692	Y	-91.816	-91.816	25.277	27.515
31	BM27	Y	0	-116.37	5.503	7.154
32	BM27	Y	-116.37	-298.511	7.154	8.805
33	BM27	Y	-298.511	-298.516	8.805	10.456
34	BM27	Y	-298.516	-116.376	10.456	12.106
35	BM27	Y	-116.376	0	12.106	13.757
36	BM47	Y	-10.789	-273.61	0	0.643
37	BM47	Y	-273.61	-261.024	0.643	1.287
38	BM47	Y	-261.024	-292.544	1.287	1.93
39	BM47	Y	-292.544	-251.183	1.93	2.573
40	BM47	Y	-251.183	-10.789	2.573	3.217
41	M674	Y	21.767	-35.874	24.763	25.313
42	M674	Y	-35.874	-277.153	25.313	25.864
43	M674	Y	-277.153	-265.217	25.864	26.414
44	M674	Y	-265.217	-287.315	26.414	26.964
45	M674	Y	-287.315	-722.661	26.964	27.515
46	BM35	Y	-111.993	-111.993	10.801	19.142
47	BM36	Y	-55.997	-55.997	10.801	19.142
48	BM18	Y	-168.039	-168.039	17.529	30.624

Member Distributed Loads (BLC 41 : BLC 6 Transient Area Loads)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	BM34	Y	-488.965	-487.01	28.146	30.157
2	BM34	Y	-487.01	-484.378	30.157	32.167
3	BM38	Y	-489.972	-486.246	0	2.117
4	BM38	Y	-486.246	-483.074	2.117	4.233
5	BM38	Y	-483.074	-561.468	4.233	6.35
6	BM38	Y	-561.468	-589.439	6.35	8.466
7	BM38	Y	-589.439	-518.059	8.466	10.583
8	BM38	Y	-518.059	-488.654	10.583	12.699

Member Distributed Loads (BLC 41 : BLC 6 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
9	BM38	Y	-488.654	-478.895	12.699	14.816
10	BM38	Y	-478.895	-478.895	14.816	16.932
11	BM38	Y	-478.895	-549.676	16.932	19.049
12	BM38	Y	-549.676	-598.637	19.049	21.165
13	BM38	Y	-598.637	-527.857	21.165	23.282
14	BM38	Y	-527.857	-478.895	23.282	25.398
15	BM38	Y	-478.895	-478.895	25.398	27.515
16	BM39	Y	-493.011	-490.098	0	2.117
17	BM39	Y	-490.098	-488.043	2.117	4.233
18	BM39	Y	-488.043	-609.319	4.233	6.35
19	BM39	Y	-609.319	-609.319	6.35	8.466
20	BM39	Y	-609.319	-487.444	8.466	10.583
21	BM39	Y	-487.444	-487.444	10.583	12.699
22	BM39	Y	-487.444	-487.444	12.699	14.816
23	BM39	Y	-487.444	-487.444	14.816	16.932
24	BM39	Y	-487.444	-609.319	16.932	19.049
25	BM39	Y	-609.319	-609.319	19.049	21.165
26	BM39	Y	-609.319	-487.444	21.165	23.282
27	BM39	Y	-487.444	-487.444	23.282	25.398
28	BM39	Y	-487.444	-487.444	25.398	27.515
29	BM40	Y	-459.619	-457.007	0	2.117
30	BM40	Y	-457.007	-455.122	2.117	4.233
31	BM40	Y	-455.122	-568.192	4.233	6.35
32	BM40	Y	-568.192	-568.192	6.35	8.466
33	BM40	Y	-568.192	-454.544	8.466	10.583
34	BM40	Y	-454.544	-454.544	10.583	12.699
35	BM40	Y	-454.544	-454.544	12.699	14.816
36	BM40	Y	-454.544	-454.544	14.816	16.932
37	BM40	Y	-454.544	-568.192	16.932	19.049
38	BM40	Y	-568.192	-568.192	19.049	21.165
39	BM40	Y	-568.192	-454.544	21.165	23.282
40	BM40	Y	-454.544	-454.544	23.282	25.398
41	BM40	Y	-454.544	-454.544	25.398	27.515
42	BM41	Y	-493.011	-490.098	0	2.117
43	BM41	Y	-490.098	-488.043	2.117	4.233
44	BM41	Y	-488.043	-609.319	4.233	6.35
45	BM41	Y	-609.319	-609.319	6.35	8.466
46	BM41	Y	-609.319	-487.444	8.466	10.583
47	BM41	Y	-487.444	-487.444	10.583	12.699
48	BM41	Y	-487.444	-487.444	12.699	14.816
49	BM41	Y	-487.444	-487.444	14.816	16.932
50	BM41	Y	-487.444	-609.319	16.932	19.049
51	BM41	Y	-609.319	-609.319	19.049	21.165
52	BM41	Y	-609.319	-487.444	21.165	23.282
53	BM41	Y	-487.444	-487.444	23.282	25.398
54	BM41	Y	-487.444	-487.444	25.398	27.515
55	BM42	Y	-525.018	-525.018	0.017	32.162
56	BM43	Y	-516.014	-519.049	0	2.01
57	BM43	Y	-519.049	-520.923	2.01	4.021
58	BM43	Y	-520.923	-521.19	4.021	6.031
59	BM43	Y	-521.19	-521.153	6.031	8.042
60	BM43	Y	-521.153	-521.166	8.042	10.052
61	BM43	Y	-521.166	-520.802	10.052	12.063
62	BM43	Y	-520.802	-519.668	12.063	14.073
63	BM43	Y	-519.668	-518.195	14.073	16.084
64	BM43	Y	-518.195	-516.779	16.084	18.094
65	BM43	Y	-516.779	-515.637	18.094	20.104
66	BM43	Y	-515.637	-515.247	20.104	22.115
67	BM43	Y	-515.247	-515.247	22.115	24.125
68	BM43	Y	-515.247	-515.247	24.125	26.136
69	BM43	Y	-515.247	-515.247	26.136	28.146
70	BM43	Y	-515.247	-515.247	28.146	30.157
71	BM43	Y	-515.247	-515.247	30.157	32.167
72	BM44	Y	-525.018	-525.018	0.017	32.162
73	BM45	Y	-484.361	-487.028	0	2.01
74	BM45	Y	-487.028	-488.983	2.01	4.021
75	BM45	Y	-488.983	-489.604	4.021	6.031
76	BM45	Y	-489.604	-489.604	6.031	8.042

Member Distributed Loads (BLC 41 : BLC 6 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
77	BM45	Y	-489.604	-489.604	8.042	10.052
78	BM45	Y	-489.604	-489.604	10.052	12.063
79	BM45	Y	-489.604	-489.604	12.063	14.073
80	BM45	Y	-489.604	-489.604	14.073	16.084
81	BM45	Y	-489.604	-489.604	16.084	18.094
82	BM45	Y	-489.604	-489.604	18.094	20.104
83	BM45	Y	-489.604	-489.604	20.104	22.115
84	BM45	Y	-489.604	-489.604	22.115	24.125
85	BM45	Y	-489.604	-489.604	24.125	26.136
86	BM45	Y	-489.604	-489.604	26.136	28.146
87	BM45	Y	-489.604	-489.604	28.146	30.157
88	BM45	Y	-489.604	-489.604	30.157	32.167
89	BM46	Y	-525.018	-525.018	0.017	32.162
90	BM47	Y	-525.018	-525.018	0.017	32.162
91	BM48	Y	-345.949	-347.603	0	2.01
92	BM48	Y	-347.603	-349.272	2.01	4.021
93	BM48	Y	-349.272	-351.186	4.021	6.031
94	BM48	Y	-351.186	-353.807	6.031	8.042
95	BM48	Y	-353.807	-356.597	8.042	10.052
96	BM48	Y	-356.597	-357.397	10.052	12.063
97	BM48	Y	-357.397	-355.477	12.063	14.073
98	BM48	Y	-355.477	-352.965	14.073	16.084
99	BM48	Y	-352.965	-351.157	16.084	18.094
100	BM48	Y	-351.157	-349.985	18.094	20.104
101	BM48	Y	-349.985	-349.56	20.104	22.115
102	BM48	Y	-349.56	-349.53	22.115	24.125
103	BM48	Y	-349.53	-349.53	24.125	26.136
104	BM48	Y	-349.53	-349.53	26.136	28.146
105	BM48	Y	-349.53	-349.53	28.146	30.157
106	BM48	Y	-349.53	-349.53	30.157	32.167
107	EDGE10	Y	-236.895	-236.895	0	2.085
108	EDGE10	Y	-236.895	-236.895	2.085	4.17
109	EDGE10	Y	-236.895	-295.964	4.17	6.255
110	EDGE10	Y	-295.964	-295.964	6.255	8.341
111	EDGE10	Y	-295.964	-236.895	8.341	10.426
112	EDGE10	Y	-236.895	-236.895	10.426	12.511
113	EDGE10	Y	-236.895	-236.895	12.511	14.596
114	EDGE10	Y	-236.895	-236.895	14.596	16.681
115	EDGE10	Y	-236.895	-281.139	16.681	18.766
116	EDGE10	Y	-281.139	-295.964	18.766	20.851
117	EDGE10	Y	-295.964	-251.72	20.851	22.937
118	EDGE10	Y	-251.72	-222.07	22.937	25.022
119	EDGE17	Y	-116.333	-128.584	0	2.127
120	EDGE17	Y	-128.584	-131.523	2.127	4.254
121	EDGE17	Y	-131.523	-122.779	4.254	6.381
122	EDGE17	Y	-122.779	-116.458	6.381	8.507
123	EDGE17	Y	-116.458	-115.182	8.507	10.634
124	EDGE17	Y	-115.182	-114.461	10.634	12.761
125	EDGE17	Y	-114.461	-128.556	12.761	14.888
126	EDGE17	Y	-128.556	-142.748	14.888	17.015
127	EDGE17	Y	-142.748	-128.446	17.015	19.142
128	EDGE17	Y	-128.446	-114.254	19.142	21.269
129	EDGE17	Y	-114.254	-114.254	21.269	23.395
130	EDGE29	Y	-236.895	-236.895	0	2.085
131	EDGE29	Y	-236.895	-236.895	2.085	4.17
132	EDGE29	Y	-236.895	-295.964	4.17	6.255
133	EDGE29	Y	-295.964	-295.964	6.255	8.341
134	EDGE29	Y	-295.964	-236.895	8.341	10.426
135	EDGE29	Y	-236.895	-236.895	10.426	12.511
136	EDGE29	Y	-236.895	-236.895	12.511	14.596
137	EDGE29	Y	-236.895	-236.895	14.596	16.681
138	EDGE29	Y	-236.895	-281.139	16.681	18.766
139	EDGE29	Y	-281.139	-295.964	18.766	20.851
140	EDGE29	Y	-295.964	-251.72	20.851	22.937
141	EDGE29	Y	-251.72	-222.07	22.937	25.022
142	EDGE30	Y	-258.159	-266.412	0	2.127
143	EDGE30	Y	-266.412	-269.743	2.127	4.254
144	EDGE30	Y	-269.743	-253.536	4.254	6.381

Member Distributed Loads (BLC 41 : BLC 6 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
145	EDGE30	Y	-253.536	-237.459	6.381	8.507
146	EDGE30	Y	-237.459	-236.22	8.507	10.634
147	EDGE30	Y	-236.22	-235.53	10.634	12.761
148	EDGE30	Y	-235.53	-269.829	12.761	14.888
149	EDGE30	Y	-269.829	-294.221	14.888	17.015
150	EDGE30	Y	-294.221	-259.806	17.015	19.142
151	EDGE30	Y	-259.806	-235.414	19.142	21.269
152	EDGE30	Y	-235.414	-235.414	21.269	23.395
153	EDGE31	Y	-236.247	-236.247	0	2.085
154	EDGE31	Y	-236.247	-236.247	2.085	4.17
155	EDGE31	Y	-236.247	-260.826	4.17	6.255
156	EDGE31	Y	-260.826	-286.334	6.255	8.341
157	EDGE31	Y	-286.334	-273.616	8.341	10.426
158	EDGE31	Y	-273.616	-251.156	10.426	12.511
159	EDGE31	Y	-251.156	-244.043	12.511	14.596
160	EDGE31	Y	-244.043	-247.321	14.596	16.681
161	EDGE31	Y	-247.321	-268.591	16.681	18.766
162	EDGE31	Y	-268.591	-261.658	18.766	20.851
163	EDGE31	Y	-261.658	-235.75	20.851	22.937
164	EDGE31	Y	-235.75	-237.184	22.937	25.022
165	EDGE32	Y	-114.849	-114.849	0	2.085
166	EDGE32	Y	-114.849	-114.849	2.085	4.17
167	EDGE32	Y	-114.849	-143.47	4.17	6.255
168	EDGE32	Y	-143.47	-143.47	6.255	8.341
169	EDGE32	Y	-143.47	-114.849	8.341	10.426
170	EDGE32	Y	-114.849	-114.849	10.426	12.511
171	EDGE32	Y	-114.849	-114.849	12.511	14.596
172	EDGE32	Y	-114.849	-114.849	14.596	16.681
173	EDGE32	Y	-114.849	-133.926	16.681	18.766
174	EDGE32	Y	-133.926	-144.118	18.766	20.851
175	EDGE32	Y	-144.118	-126.497	20.851	22.937
176	EDGE32	Y	-126.497	-109.025	22.937	25.022
177	EDGE33	Y	-118.416	-121.887	0	2.085
178	EDGE33	Y	-121.887	-118.579	2.085	4.17
179	EDGE33	Y	-118.579	-121.446	4.17	6.255
180	EDGE33	Y	-121.446	-127.478	6.255	8.341
181	EDGE33	Y	-127.478	-123.965	8.341	10.426
182	EDGE33	Y	-123.965	-120.759	10.426	12.511
183	EDGE33	Y	-120.759	-118.12	12.511	14.596
184	EDGE33	Y	-118.12	-116.44	14.596	16.681
185	EDGE33	Y	-116.44	-125.353	16.681	18.766
186	EDGE33	Y	-125.353	-130.805	18.766	20.851
187	EDGE33	Y	-130.805	-122.391	20.851	22.937
188	EDGE33	Y	-122.391	-113.712	22.937	25.022
189	EDGE43	Y	-235.654	-235.654	0	2.127
190	EDGE43	Y	-235.654	-255.155	2.127	4.254
191	EDGE43	Y	-255.155	-294.461	4.254	6.381
192	EDGE43	Y	-294.461	-274.96	6.381	8.507
193	EDGE43	Y	-274.96	-235.751	8.507	10.634
194	EDGE43	Y	-235.751	-236.327	10.634	12.761
195	EDGE43	Y	-236.327	-237.389	12.761	14.888
196	EDGE43	Y	-237.389	-258.241	14.888	17.015
197	EDGE43	Y	-258.241	-274.302	17.015	19.142
198	EDGE43	Y	-274.302	-260.693	19.142	21.269
199	EDGE43	Y	-260.693	-241.896	21.269	23.395
200	EDGE44	Y	-236.16	-236.16	0	2.085
201	EDGE44	Y	-236.16	-236.16	2.085	4.17
202	EDGE44	Y	-236.16	-260.697	4.17	6.255
203	EDGE44	Y	-260.697	-285.788	6.255	8.341
204	EDGE44	Y	-285.788	-273.8	8.341	10.426
205	EDGE44	Y	-273.8	-254.234	10.426	12.511
206	EDGE44	Y	-254.234	-250.509	12.511	14.596
207	EDGE44	Y	-250.509	-257.856	14.596	16.681
208	EDGE44	Y	-257.856	-248.776	16.681	18.766
209	EDGE44	Y	-248.776	-239.898	18.766	20.851
210	EDGE44	Y	-239.898	-246.966	20.851	22.937
211	EDGE44	Y	-246.966	-252.6	22.937	25.022
212	EDGE45	Y	-114.25	-114.25	0	2.127

Member Distributed Loads (BLC 41 : BLC 6 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
213	EDGE45	Y	-114.25	-128.442	2.127	4.254
214	EDGE45	Y	-128.442	-142.744	4.254	6.381
215	EDGE45	Y	-142.744	-128.552	6.381	8.507
216	EDGE45	Y	-128.552	-114.402	8.507	10.634
217	EDGE45	Y	-114.402	-115.129	10.634	12.761
218	EDGE45	Y	-115.129	-116.503	12.761	14.888
219	EDGE45	Y	-116.503	-122.729	14.888	17.015
220	EDGE45	Y	-122.729	-131.425	17.015	19.142
221	EDGE45	Y	-131.425	-128.657	19.142	21.269
222	EDGE45	Y	-128.657	-116.585	21.269	23.395
223	EDGE46	Y	-114.884	-114.884	0	2.085
224	EDGE46	Y	-114.884	-114.884	2.085	4.17
225	EDGE46	Y	-114.884	-143.505	4.17	6.255
226	EDGE46	Y	-143.505	-143.505	6.255	8.341
227	EDGE46	Y	-143.505	-114.884	8.341	10.426
228	EDGE46	Y	-114.884	-114.884	10.426	12.511
229	EDGE46	Y	-114.884	-114.884	12.511	14.596
230	EDGE46	Y	-114.884	-114.884	14.596	16.681
231	EDGE46	Y	-114.884	-133.931	16.681	18.766
232	EDGE46	Y	-133.931	-143.505	18.766	20.851
233	EDGE46	Y	-143.505	-124.457	20.851	22.937
234	EDGE46	Y	-124.457	-105.31	22.937	25.022
235	EDGE47	Y	-114.666	-114.666	0	2.085
236	EDGE47	Y	-114.666	-114.666	2.085	4.17
237	EDGE47	Y	-114.666	-128.939	4.17	6.255
238	EDGE47	Y	-128.939	-138.496	6.255	8.341
239	EDGE47	Y	-138.496	-129.07	8.341	10.426
240	EDGE47	Y	-129.07	-119.621	10.426	12.511
241	EDGE47	Y	-119.621	-114.889	12.511	14.596
242	EDGE47	Y	-114.889	-115.016	14.596	16.681
243	EDGE47	Y	-115.016	-124.964	16.681	18.766
244	EDGE47	Y	-124.964	-130.761	18.766	20.851
245	EDGE47	Y	-130.761	-122.382	20.851	22.937
246	EDGE47	Y	-122.382	-113.681	22.937	25.022
247	M673	Y	-525	-525	2.987e-12	27.515
248	M674	Y	-487.444	-487.444	0	2.117
249	M674	Y	-487.444	-487.444	2.117	4.233
250	M674	Y	-487.444	-609.319	4.233	6.35
251	M674	Y	-609.319	-609.319	6.35	8.466
252	M674	Y	-609.319	-487.444	8.466	10.583
253	M674	Y	-487.444	-487.444	10.583	12.699
254	M674	Y	-487.444	-487.444	12.699	14.816
255	M674	Y	-487.444	-487.444	14.816	16.932
256	M674	Y	-487.444	-609.319	16.932	19.049
257	M674	Y	-609.319	-609.319	19.049	21.165
258	M674	Y	-609.319	-488.043	21.165	23.282
259	M674	Y	-488.043	-490.098	23.282	25.398
260	M674	Y	-490.098	-493.011	25.398	27.515
261	M675	Y	-324.815	-324.815	0	2.117
262	M675	Y	-324.815	-324.815	2.117	4.233
263	M675	Y	-324.815	-406.019	4.233	6.35
264	M675	Y	-406.019	-406.019	6.35	8.466
265	M675	Y	-406.019	-324.815	8.466	10.583
266	M675	Y	-324.815	-324.815	10.583	12.699
267	M675	Y	-324.815	-324.815	12.699	14.816
268	M675	Y	-324.815	-324.815	14.816	16.932
269	M675	Y	-324.815	-406.019	16.932	19.049
270	M675	Y	-406.019	-406.019	19.049	21.165
271	M675	Y	-406.019	-324.815	21.165	23.282
272	M675	Y	-324.815	-324.815	23.282	25.398
273	M675	Y	-324.815	-324.815	25.398	27.515
274	M676	Y	-324.787	-324.787	0	2.117
275	M676	Y	-324.787	-348.51	2.117	4.233
276	M676	Y	-348.51	-405.99	4.233	6.35
277	M676	Y	-405.99	-382.267	6.35	8.466
278	M676	Y	-382.267	-324.787	8.466	10.583
279	M676	Y	-324.787	-324.787	10.583	12.699
280	M676	Y	-324.787	-329.515	12.699	14.816

Member Distributed Loads (BLC 41 : BLC 6 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
281	M676	Y	-329.515	-343.749	14.816	16.932
282	M676	Y	-343.749	-401.262	16.932	19.049
283	M676	Y	-401.262	-387.043	19.049	21.165
284	M676	Y	-387.043	-325.192	21.165	23.282
285	M676	Y	-325.192	-326.301	23.282	25.398
286	M676	Y	-326.301	-327.766	25.398	27.515
287	M677	Y	-525	-525	2.979e-12	27.515
288	M684	Y	-487.444	-487.444	0	2.117
289	M684	Y	-487.444	-487.444	2.117	4.233
290	M684	Y	-487.444	-609.319	4.233	6.35
291	M684	Y	-609.319	-609.319	6.35	8.466
292	M684	Y	-609.319	-487.444	8.466	10.583
293	M684	Y	-487.444	-487.444	10.583	12.699
294	M684	Y	-487.444	-487.444	12.699	14.816
295	M684	Y	-487.444	-487.444	14.816	16.932
296	M684	Y	-487.444	-609.319	16.932	19.049
297	M684	Y	-609.319	-609.319	19.049	21.165
298	M684	Y	-609.319	-488.043	21.165	23.282
299	M684	Y	-488.043	-490.098	23.282	25.398
300	M684	Y	-490.098	-493.011	25.398	27.515
301	M685	Y	-525	-525	2.986e-12	27.515
302	M686	Y	-487.444	-487.444	0	2.117
303	M686	Y	-487.444	-487.444	2.117	4.233
304	M686	Y	-487.444	-609.319	4.233	6.35
305	M686	Y	-609.319	-609.319	6.35	8.466
306	M686	Y	-609.319	-487.444	8.466	10.583
307	M686	Y	-487.444	-487.444	10.583	12.699
308	M686	Y	-487.444	-487.444	12.699	14.816
309	M686	Y	-487.444	-487.444	14.816	16.932
310	M686	Y	-487.444	-609.319	16.932	19.049
311	M686	Y	-609.319	-609.319	19.049	21.165
312	M686	Y	-609.319	-488.043	21.165	23.282
313	M686	Y	-488.043	-490.098	23.282	25.398
314	M686	Y	-490.098	-493.011	25.398	27.515
315	M687	Y	-478.967	-478.967	0	2.117
316	M687	Y	-478.967	-478.967	2.117	4.233
317	M687	Y	-478.967	-598.709	4.233	6.35
318	M687	Y	-598.709	-598.709	6.35	8.466
319	M687	Y	-598.709	-478.967	8.466	10.583
320	M687	Y	-478.967	-478.967	10.583	12.699
321	M687	Y	-478.967	-478.967	12.699	14.816
322	M687	Y	-478.967	-478.967	14.816	16.932
323	M687	Y	-478.967	-598.709	16.932	19.049
324	M687	Y	-598.709	-598.709	19.049	21.165
325	M687	Y	-598.709	-478.967	21.165	23.282
326	M687	Y	-478.967	-478.967	23.282	25.398
327	M687	Y	-478.967	-478.967	25.398	27.515
328	M688	Y	-478.894	-478.894	0	2.117
329	M688	Y	-478.894	-527.855	2.117	4.233
330	M688	Y	-527.855	-598.636	4.233	6.35
331	M688	Y	-598.636	-549.675	6.35	8.466
332	M688	Y	-549.675	-478.894	8.466	10.583
333	M688	Y	-478.894	-478.894	10.583	12.699
334	M688	Y	-478.894	-488.652	12.699	14.816
335	M688	Y	-488.652	-518.029	14.816	16.932
336	M688	Y	-518.029	-588.891	16.932	19.049
337	M688	Y	-588.891	-560.128	19.049	21.165
338	M688	Y	-560.128	-481.703	21.165	23.282
339	M688	Y	-481.703	-485.184	23.282	25.398
340	M688	Y	-485.184	-488.979	25.398	27.515
341	M689	Y	-525	-525	2.939e-12	27.515
342	M690	Y	-487.444	-487.444	0	2.117
343	M690	Y	-487.444	-487.444	2.117	4.233
344	M690	Y	-487.444	-609.319	4.233	6.35
345	M690	Y	-609.319	-609.319	6.35	8.466
346	M690	Y	-609.319	-487.444	8.466	10.583
347	M690	Y	-487.444	-487.444	10.583	12.699
348	M690	Y	-487.444	-487.444	12.699	14.816

Member Distributed Loads (BLC 41 : BLC 6 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
349	M690	Y	-487.444	-487.444	14.816	16.932
350	M690	Y	-487.444	-609.319	16.932	19.049
351	M690	Y	-609.319	-609.319	19.049	21.165
352	M690	Y	-609.319	-488.043	21.165	23.282
353	M690	Y	-488.043	-490.098	23.282	25.398
354	M690	Y	-490.098	-493.011	25.398	27.515
355	M691	Y	-525	-525	2.771e-12	27.515
356	M692	Y	-487.444	-487.444	0	2.117
357	M692	Y	-487.444	-487.444	2.117	4.233
358	M692	Y	-487.444	-609.319	4.233	6.35
359	M692	Y	-609.319	-609.319	6.35	8.466
360	M692	Y	-609.319	-487.444	8.466	10.583
361	M692	Y	-487.444	-487.444	10.583	12.699
362	M692	Y	-487.444	-487.444	12.699	14.816
363	M692	Y	-487.444	-487.444	14.816	16.932
364	M692	Y	-487.444	-609.319	16.932	19.049
365	M692	Y	-609.319	-609.319	19.049	21.165
366	M692	Y	-609.319	-488.043	21.165	23.282
367	M692	Y	-488.043	-490.098	23.282	25.398
368	M692	Y	-490.098	-493.011	25.398	27.515
369	M693	Y	-525	-525	3.179e-12	27.515
370	M694	Y	-487.444	-487.444	0	2.117
371	M694	Y	-487.444	-487.444	2.117	4.233
372	M694	Y	-487.444	-609.319	4.233	6.35
373	M694	Y	-609.319	-609.319	6.35	8.466
374	M694	Y	-609.319	-487.444	8.466	10.583
375	M694	Y	-487.444	-487.444	10.583	12.699
376	M694	Y	-487.444	-487.444	12.699	14.816
377	M694	Y	-487.444	-487.444	14.816	16.932
378	M694	Y	-487.444	-609.319	16.932	19.049
379	M694	Y	-609.319	-609.319	19.049	21.165
380	M694	Y	-609.319	-488.043	21.165	23.282
381	M694	Y	-488.043	-490.098	23.282	25.398
382	M694	Y	-490.098	-493.011	25.398	27.515
383	M695	Y	-489.563	-489.563	3.059e-12	27.515
384	M696	Y	-454.544	-454.544	0	2.117
385	M696	Y	-454.544	-454.544	2.117	4.233
386	M696	Y	-454.544	-568.193	4.233	6.35
387	M696	Y	-568.193	-568.193	6.35	8.466
388	M696	Y	-568.193	-454.544	8.466	10.583
389	M696	Y	-454.544	-454.544	10.583	12.699
390	M696	Y	-454.544	-454.544	12.699	14.816
391	M696	Y	-454.544	-454.544	14.816	16.932
392	M696	Y	-454.544	-568.193	16.932	19.049
393	M696	Y	-568.193	-568.193	19.049	21.165
394	M696	Y	-568.193	-455.124	21.165	23.282
395	M696	Y	-455.124	-456.991	23.282	25.398
396	M696	Y	-456.991	-459.567	25.398	27.515
397	BM37	Y	-245.438	-245.438	1.776e-14	29.15
398	EDGE18	Y	-245.438	-245.438	5.768e-14	29.15
399	DIAPH227	Y	-305.813	-305.813	0	8.257
400	EDGE12	Y	-280.875	-280.875	0	8.257
401	EDGE43	Y	-24.937	-24.937	0	8.257
402	BM35	Y	-262.5	-262.5	2.182e-14	29.15
403	BM36	Y	-262.5	-262.5	2.004e-14	29.15
404	BM16	Y	-273.391	-273.391	0	2.082
405	BM16	Y	-273.391	-273.391	2.082	4.164
406	BM16	Y	-273.391	-262.876	4.164	6.246
407	BM16	Y	-262.876	-252.361	6.246	8.329
408	BM16	Y	-252.361	-252.361	8.329	10.411
409	BM16	Y	-252.361	-252.361	10.411	12.493
410	BM16	Y	-252.361	-252.361	12.493	14.575
411	BM16	Y	-252.361	-252.361	14.575	16.657
412	BM16	Y	-252.361	-252.361	16.657	18.739
413	BM16	Y	-252.361	-252.361	18.739	20.822
414	BM16	Y	-252.361	-265.504	20.822	22.904
415	BM16	Y	-265.504	-278.648	22.904	24.986
416	BM16	Y	-278.648	-278.648	24.986	27.068

Member Distributed Loads (BLC 41 : BLC 6 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
417	BM16	Y	-278.648	-278.648	27.068	29.15
418	BM35	Y	-273.391	-273.391	0	2.082
419	BM35	Y	-273.391	-273.391	2.082	4.164
420	BM35	Y	-273.391	-262.876	4.164	6.246
421	BM35	Y	-262.876	-252.361	6.246	8.329
422	BM35	Y	-252.361	-252.361	8.329	10.411
423	BM35	Y	-252.361	-252.361	10.411	12.493
424	BM35	Y	-252.361	-252.361	12.493	14.575
425	BM35	Y	-252.361	-252.361	14.575	16.657
426	BM35	Y	-252.361	-252.361	16.657	18.739
427	BM35	Y	-252.361	-252.361	18.739	20.822
428	BM35	Y	-252.361	-265.504	20.822	22.904
429	BM35	Y	-265.504	-278.648	22.904	24.986
430	BM35	Y	-278.648	-278.648	24.986	27.068
431	BM35	Y	-278.648	-278.648	27.068	29.15
432	CANOPY10	Y	-50.4	-50.4	6.106e-16	13.333
433	CANOPY13	Y	-50.4	-50.4	1.432e-14	25
434	CANOPY18	Y	-50.4	-50.4	9.492e-15	7.667
435	CANOPY21	Y	-50.4	-50.4	9.603e-15	13.333
436	CANOPY28	Y	-50.4	-50.4	1.221e-15	25
437	CANOPY32	Y	-50.4	-50.4	1.432e-14	25
438	CANOPY33	Y	-50.4	-50.4	1.221e-15	25
439	CANOPY34	Y	-50.4	-50.4	1.005e-14	7.667
440	M678	Y	-50.4	-50.4	7.161e-15	13.333
441	M680	Y	-50.4	-50.4	7.383e-15	13.333
442	M698	Y	-50.4	-50.4	0	4.25
443	M699	Y	-50.4	-50.4	3.331e-16	4.25
444	M712	Y	-50.4	-50.4	1.432e-14	25
445	M713	Y	-50.4	-50.4	1.51e-14	25
446	M702	Y	-50.4	-50.4	0	25
447	M703	Y	-50.4	-50.4	3.331e-16	25
448	M710	Y	-50.4	-50.4	1.898e-14	25
449	M711	Y	-50.4	-50.4	1.898e-14	25
450	M706	Y	-50.4	-50.4	1.221e-15	25
451	M707	Y	-50.4	-50.4	1.221e-15	25
452	BM16	Y	-262.5	-262.5	0	29.15
453	BM17	Y	-262.5	-262.5	0	29.15
454	BM36	Y	-273.391	-273.391	0	2.082
455	BM36	Y	-273.391	-273.391	2.082	4.164
456	BM36	Y	-273.391	-262.876	4.164	6.246
457	BM36	Y	-262.876	-252.361	6.246	8.329
458	BM36	Y	-252.361	-252.361	8.329	10.411
459	BM36	Y	-252.361	-252.361	10.411	12.493
460	BM36	Y	-252.361	-252.361	12.493	14.575
461	BM36	Y	-252.361	-252.361	14.575	16.657
462	BM36	Y	-252.361	-252.361	16.657	18.739
463	BM36	Y	-252.361	-252.361	18.739	20.822
464	BM36	Y	-252.361	-265.504	20.822	22.904
465	BM36	Y	-265.504	-278.648	22.904	24.986
466	BM36	Y	-278.648	-278.648	24.986	27.068
467	BM36	Y	-278.648	-278.648	27.068	29.15
468	BM37	Y	-273.391	-273.391	0	2.082
469	BM37	Y	-273.391	-273.391	2.082	4.164
470	BM37	Y	-273.391	-262.876	4.164	6.246
471	BM37	Y	-262.876	-252.361	6.246	8.329
472	BM37	Y	-252.361	-252.361	8.329	10.411
473	BM37	Y	-252.361	-252.361	10.411	12.493
474	BM37	Y	-252.361	-252.361	12.493	14.575
475	BM37	Y	-252.361	-252.361	14.575	16.657
476	BM37	Y	-252.361	-252.361	16.657	18.739
477	BM37	Y	-252.361	-252.361	18.739	20.822
478	BM37	Y	-252.361	-265.504	20.822	22.904
479	BM37	Y	-265.504	-278.648	22.904	24.986
480	BM37	Y	-278.648	-278.648	24.986	27.068
481	BM37	Y	-278.648	-278.648	27.068	29.15
482	BM17	Y	-150.418	-150.463	0	2.082
483	BM17	Y	-150.463	-150.568	2.082	4.164
484	BM17	Y	-150.568	-168.602	4.164	6.246

Member Distributed Loads (BLC 41 : BLC 6 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
485	BM17	Y	-168.602	-173.981	6.246	8.329
486	BM17	Y	-173.981	-153.804	8.329	10.411
487	BM17	Y	-153.804	-148.634	10.411	12.493
488	BM17	Y	-148.634	-154.762	12.493	14.575
489	BM17	Y	-154.762	-159.406	14.575	16.657
490	BM17	Y	-159.406	-165.23	16.657	18.739
491	BM17	Y	-165.23	-170.01	18.739	20.822
492	BM17	Y	-170.01	-160.638	20.822	22.904
493	BM17	Y	-160.638	-151.384	22.904	24.986
494	BM17	Y	-151.384	-151.394	24.986	27.068
495	BM17	Y	-151.394	-151.37	27.068	29.15
496	EDGE34	Y	-156.447	-156.639	0	2.059
497	EDGE34	Y	-156.639	-157.404	2.059	4.119
498	EDGE34	Y	-157.404	-159.301	4.119	6.178
499	EDGE34	Y	-159.301	-163.499	6.178	8.238
500	EDGE34	Y	-163.499	-171.601	8.238	10.297
501	EDGE34	Y	-171.601	-171.671	10.297	12.357
502	EDGE34	Y	-171.671	-163.773	12.357	14.416
503	EDGE34	Y	-163.773	-159.873	14.416	16.476
504	EDGE34	Y	-159.873	-158.273	16.476	18.535
505	EDGE34	Y	-158.273	-157.847	18.535	20.595
506	EDGE34	Y	-157.847	-158.374	20.595	22.654
507	EDGE34	Y	-158.374	-159.687	22.654	24.714
508	EDGE34	Y	-159.687	-161.48	24.714	26.773
509	EDGE49	Y	0	-177.855	0	0.475
510	EDGE49	Y	-177.855	-177.855	0.475	0.951
511	EDGE49	Y	-177.855	-178.916	0.951	1.426
512	EDGE49	Y	-178.916	-178.916	1.426	1.902
513	EDGE49	Y	-178.916	0	1.902	2.377
514	BM10	Y	-525.048	-525.048	0	2.01
515	BM10	Y	-525.048	-525.048	2.01	4.021
516	BM10	Y	-525.048	-525.048	4.021	6.031
517	BM10	Y	-525.048	-525.048	6.031	8.042
518	BM10	Y	-525.048	-525.048	8.042	10.052
519	BM10	Y	-525.048	-525.048	10.052	12.063
520	BM10	Y	-525.048	-525.048	12.063	14.073
521	BM10	Y	-525.048	-525.048	14.073	16.084
522	BM10	Y	-525.048	-525.048	16.084	18.094
523	BM10	Y	-525.048	-525.048	18.094	20.104
524	BM10	Y	-525.048	-525.048	20.104	22.115
525	BM10	Y	-525.048	-525.048	22.115	24.125
526	BM10	Y	-525.048	-525.048	24.125	26.136
527	BM10	Y	-525.048	-524.421	26.136	28.146
528	BM10	Y	-524.421	-522.254	28.146	30.157
529	BM10	Y	-522.254	-519.173	30.157	32.167
530	BM11	Y	-515.232	-515.232	0	2.01
531	BM11	Y	-515.232	-515.232	2.01	4.021
532	BM11	Y	-515.232	-515.232	4.021	6.031
533	BM11	Y	-515.232	-515.232	6.031	8.042
534	BM11	Y	-515.232	-515.232	8.042	10.052
535	BM11	Y	-515.232	-515.573	10.052	12.063
536	BM11	Y	-515.573	-516.539	12.063	14.073
537	BM11	Y	-516.539	-517.77	14.073	16.084
538	BM11	Y	-517.77	-519.077	16.084	18.094
539	BM11	Y	-519.077	-520.061	18.094	20.104
540	BM11	Y	-520.061	-520.415	20.104	22.115
541	BM11	Y	-520.415	-520.555	22.115	24.125
542	BM11	Y	-520.555	-520.589	24.125	26.136
543	BM11	Y	-520.589	-520.115	26.136	28.146
544	BM11	Y	-520.115	-518.621	28.146	30.157
545	BM11	Y	-518.621	-516.512	30.157	32.167
546	BM12	Y	-525.048	-525.048	0	2.01
547	BM12	Y	-525.048	-525.048	2.01	4.021
548	BM12	Y	-525.048	-525.048	4.021	6.031
549	BM12	Y	-525.048	-525.048	6.031	8.042
550	BM12	Y	-525.048	-525.048	8.042	10.052
551	BM12	Y	-525.048	-525.048	10.052	12.063
552	BM12	Y	-525.048	-525.048	12.063	14.073

Member Distributed Loads (BLC 41 : BLC 6 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
553	BM12	Y	-525.048	-525.048	14.073	16.084
554	BM12	Y	-525.048	-525.048	16.084	18.094
555	BM12	Y	-525.048	-525.048	18.094	20.104
556	BM12	Y	-525.048	-525.048	20.104	22.115
557	BM12	Y	-525.048	-525.048	22.115	24.125
558	BM12	Y	-525.048	-525.048	24.125	26.136
559	BM12	Y	-525.048	-524.421	26.136	28.146
560	BM12	Y	-524.421	-522.254	28.146	30.157
561	BM12	Y	-522.254	-519.173	30.157	32.167
562	BM13	Y	-525.048	-525.048	0	2.01
563	BM13	Y	-525.048	-525.048	2.01	4.021
564	BM13	Y	-525.048	-525.048	4.021	6.031
565	BM13	Y	-525.048	-525.048	6.031	8.042
566	BM13	Y	-525.048	-525.048	8.042	10.052
567	BM13	Y	-525.048	-525.048	10.052	12.063
568	BM13	Y	-525.048	-525.048	12.063	14.073
569	BM13	Y	-525.048	-525.048	14.073	16.084
570	BM13	Y	-525.048	-525.048	16.084	18.094
571	BM13	Y	-525.048	-525.048	18.094	20.104
572	BM13	Y	-525.048	-525.048	20.104	22.115
573	BM13	Y	-525.048	-525.048	22.115	24.125
574	BM13	Y	-525.048	-525.048	24.125	26.136
575	BM13	Y	-525.048	-524.421	26.136	28.146
576	BM13	Y	-524.421	-522.254	28.146	30.157
577	BM13	Y	-522.254	-519.173	30.157	32.167
578	BM14	Y	-525.048	-525.048	0	2.01
579	BM14	Y	-525.048	-525.048	2.01	4.021
580	BM14	Y	-525.048	-525.048	4.021	6.031
581	BM14	Y	-525.048	-525.048	6.031	8.042
582	BM14	Y	-525.048	-525.048	8.042	10.052
583	BM14	Y	-525.048	-525.048	10.052	12.063
584	BM14	Y	-525.048	-525.048	12.063	14.073
585	BM14	Y	-525.048	-525.048	14.073	16.084
586	BM14	Y	-525.048	-525.048	16.084	18.094
587	BM14	Y	-525.048	-525.048	18.094	20.104
588	BM14	Y	-525.048	-525.048	20.104	22.115
589	BM14	Y	-525.048	-525.048	22.115	24.125
590	BM14	Y	-525.048	-525.048	24.125	26.136
591	BM14	Y	-525.048	-524.421	26.136	28.146
592	BM14	Y	-524.421	-522.254	28.146	30.157
593	BM14	Y	-522.254	-519.173	30.157	32.167
594	BM15	Y	-349.512	-349.512	0	2.01
595	BM15	Y	-349.512	-349.512	2.01	4.021
596	BM15	Y	-349.512	-349.512	4.021	6.031
597	BM15	Y	-349.512	-349.512	6.031	8.042
598	BM15	Y	-349.512	-349.541	8.042	10.052
599	BM15	Y	-349.541	-349.977	10.052	12.063
600	BM15	Y	-349.977	-351.125	12.063	14.073
601	BM15	Y	-351.125	-352.916	14.073	16.084
602	BM15	Y	-352.916	-355.409	16.084	18.094
603	BM15	Y	-355.409	-357.347	18.094	20.104
604	BM15	Y	-357.347	-356.52	20.104	22.115
605	BM15	Y	-356.52	-353.708	22.115	24.125
606	BM15	Y	-353.708	-351.117	24.125	26.136
607	BM15	Y	-351.117	-349.28	26.136	28.146
608	BM15	Y	-349.28	-348.303	28.146	30.157
609	BM15	Y	-348.303	-347.829	30.157	32.167
610	BM18	Y	-525.018	-525.018	0.017	32.162
611	BM20	Y	-329.444	-330.509	0	2.117
612	BM20	Y	-330.509	-332.465	2.117	4.233
613	BM20	Y	-332.465	-381.708	4.233	6.35
614	BM20	Y	-381.708	-384.616	6.35	8.466
615	BM20	Y	-384.616	-337.649	8.466	10.583
616	BM20	Y	-337.649	-333.845	10.583	12.699
617	BM20	Y	-333.845	-330.565	12.699	14.816
618	BM20	Y	-330.565	-327.872	14.816	16.932
619	BM20	Y	-327.872	-383.529	16.932	19.049
620	BM20	Y	-383.529	-406.315	19.049	21.165

Member Distributed Loads (BLC 41 : BLC 6 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
621	BM20	Y	-406.315	-348.559	21.165	23.282
622	BM20	Y	-348.559	-324.835	23.282	25.398
623	BM20	Y	-324.835	-324.835	25.398	27.515
624	BM21	Y	-493.011	-490.098	0	2.117
625	BM21	Y	-490.098	-488.043	2.117	4.233
626	BM21	Y	-488.043	-609.319	4.233	6.35
627	BM21	Y	-609.319	-609.319	6.35	8.466
628	BM21	Y	-609.319	-487.444	8.466	10.583
629	BM21	Y	-487.444	-487.444	10.583	12.699
630	BM21	Y	-487.444	-487.444	12.699	14.816
631	BM21	Y	-487.444	-487.444	14.816	16.932
632	BM21	Y	-487.444	-609.319	16.932	19.049
633	BM21	Y	-609.319	-609.319	19.049	21.165
634	BM21	Y	-609.319	-487.444	21.165	23.282
635	BM21	Y	-487.444	-487.444	23.282	25.398
636	BM21	Y	-487.444	-487.444	25.398	27.515
637	BM22	Y	-525.018	-525.018	0.017	32.162
638	BM24	Y	-493.011	-490.098	0	2.117
639	BM24	Y	-490.098	-488.043	2.117	4.233
640	BM24	Y	-488.043	-609.319	4.233	6.35
641	BM24	Y	-609.319	-609.319	6.35	8.466
642	BM24	Y	-609.319	-487.444	8.466	10.583
643	BM24	Y	-487.444	-487.444	10.583	12.699
644	BM24	Y	-487.444	-487.444	12.699	14.816
645	BM24	Y	-487.444	-487.444	14.816	16.932
646	BM24	Y	-487.444	-609.319	16.932	19.049
647	BM24	Y	-609.319	-609.319	19.049	21.165
648	BM24	Y	-609.319	-487.444	21.165	23.282
649	BM24	Y	-487.444	-487.444	23.282	25.398
650	BM24	Y	-487.444	-487.444	25.398	27.515
651	BM25	Y	-493.011	-490.098	0	2.117
652	BM25	Y	-490.098	-488.043	2.117	4.233
653	BM25	Y	-488.043	-609.319	4.233	6.35
654	BM25	Y	-609.319	-609.319	6.35	8.466
655	BM25	Y	-609.319	-487.444	8.466	10.583
656	BM25	Y	-487.444	-487.444	10.583	12.699
657	BM25	Y	-487.444	-487.444	12.699	14.816
658	BM25	Y	-487.444	-487.444	14.816	16.932
659	BM25	Y	-487.444	-609.319	16.932	19.049
660	BM25	Y	-609.319	-609.319	19.049	21.165
661	BM25	Y	-609.319	-487.444	21.165	23.282
662	BM25	Y	-487.444	-487.444	23.282	25.398
663	BM25	Y	-487.444	-487.444	25.398	27.515
664	BM27	Y	-493.011	-490.098	0	2.117
665	BM27	Y	-490.098	-488.043	2.117	4.233
666	BM27	Y	-488.043	-609.319	4.233	6.35
667	BM27	Y	-609.319	-609.319	6.35	8.466
668	BM27	Y	-609.319	-487.444	8.466	10.583
669	BM27	Y	-487.444	-487.444	10.583	12.699
670	BM27	Y	-487.444	-487.444	12.699	14.816
671	BM27	Y	-487.444	-487.444	14.816	16.932
672	BM27	Y	-487.444	-609.319	16.932	19.049
673	BM27	Y	-609.319	-609.319	19.049	21.165
674	BM27	Y	-609.319	-487.444	21.165	23.282
675	BM27	Y	-487.444	-487.444	23.282	25.398
676	BM27	Y	-487.444	-487.444	25.398	27.515
677	BM32	Y	-525.048	-525.048	0	2.01
678	BM32	Y	-525.048	-525.048	2.01	4.021
679	BM32	Y	-525.048	-525.048	4.021	6.031
680	BM32	Y	-525.048	-525.048	6.031	8.042
681	BM32	Y	-525.048	-525.048	8.042	10.052
682	BM32	Y	-525.048	-525.048	10.052	12.063
683	BM32	Y	-525.048	-525.048	12.063	14.073
684	BM32	Y	-525.048	-525.048	14.073	16.084
685	BM32	Y	-525.048	-525.048	16.084	18.094
686	BM32	Y	-525.048	-525.048	18.094	20.104
687	BM32	Y	-525.048	-525.048	20.104	22.115
688	BM32	Y	-525.048	-525.048	22.115	24.125

Member Distributed Loads (BLC 41 : BLC 6 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
689	BM32	Y	-525.048	-525.048	24.125	26.136
690	BM32	Y	-525.048	-524.421	26.136	28.146
691	BM32	Y	-524.421	-522.254	28.146	30.157
692	BM32	Y	-522.254	-519.173	30.157	32.167
693	BM33	Y	-525.048	-525.048	0	2.01
694	BM33	Y	-525.048	-525.048	2.01	4.021
695	BM33	Y	-525.048	-525.048	4.021	6.031
696	BM33	Y	-525.048	-525.048	6.031	8.042
697	BM33	Y	-525.048	-525.048	8.042	10.052
698	BM33	Y	-525.048	-525.048	10.052	12.063
699	BM33	Y	-525.048	-525.048	12.063	14.073
700	BM33	Y	-525.048	-525.048	14.073	16.084
701	BM33	Y	-525.048	-525.048	16.084	18.094
702	BM33	Y	-525.048	-525.048	18.094	20.104
703	BM33	Y	-525.048	-525.048	20.104	22.115
704	BM33	Y	-525.048	-525.048	22.115	24.125
705	BM33	Y	-525.048	-525.048	24.125	26.136
706	BM33	Y	-525.048	-524.421	26.136	28.146
707	BM33	Y	-524.421	-522.254	28.146	30.157
708	BM33	Y	-522.254	-519.173	30.157	32.167
709	BM34	Y	-489.604	-489.604	0	2.01
710	BM34	Y	-489.604	-489.604	2.01	4.021
711	BM34	Y	-489.604	-489.604	4.021	6.031
712	BM34	Y	-489.604	-489.604	6.031	8.042
713	BM34	Y	-489.604	-489.604	8.042	10.052
714	BM34	Y	-489.604	-489.604	10.052	12.063
715	BM34	Y	-489.604	-489.604	12.063	14.073
716	BM34	Y	-489.604	-489.604	14.073	16.084
717	BM34	Y	-489.604	-489.604	16.084	18.094
718	BM34	Y	-489.604	-489.604	18.094	20.104
719	BM34	Y	-489.604	-489.604	20.104	22.115
720	BM34	Y	-489.604	-489.604	22.115	24.125
721	BM34	Y	-489.604	-489.604	24.125	26.136
722	BM34	Y	-489.604	-488.965	26.136	28.146

Member Distributed Loads (BLC 42 : BLC 7 Transient Area Loads)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	BM37	Y	-384.948	-1035.731	19.239	20.988
2	BM37	Y	-1035.731	-854.239	20.988	22.737
3	BM37	Y	-854.239	-203.456	22.737	24.486
4	BM37	Y	-203.456	-1.016e-13	24.486	26.235
5	EDGE18	Y	-718.508	-718.508	20.142	23.145
6	EDGE34	Y	-453.75	-453.75	20.142	23.145
7	BM16	Y	-1835	-1835	23.145	26.148
8	BM17	Y	-1472.588	-1472.588	23.145	26.148
9	BM35	Y	-1835	-1835	23.145	26.148
10	BM36	Y	-1835	-1835	23.145	26.148
11	BM37	Y	-1775.363	-1775.363	23.145	26.148
12	EDGE18	Y	-857.863	-857.863	23.145	26.148
13	EDGE34	Y	-555.088	-555.088	23.145	26.148
14	BM16	Y	-2167.5	-2167.5	26.148	29.15
15	BM17	Y	-1764.712	-1764.712	26.148	29.15
16	BM35	Y	-2167.5	-2167.5	26.148	29.15
17	BM36	Y	-2167.5	-2167.5	26.148	29.15
18	BM37	Y	-2097.056	-2097.056	26.148	29.15
19	EDGE18	Y	-1013.306	-1013.306	26.148	29.15
20	EDGE34	Y	42.543	42.543	24.096	24.765
21	EDGE34	Y	42.543	42.543	24.765	25.435
22	EDGE34	Y	42.543	-297.804	25.435	26.104
23	EDGE34	Y	-297.804	-978.5	26.104	26.773
24	EDGE49	Y	34.547	-485.118	0	0.475
25	EDGE49	Y	-485.118	-895.331	0.475	0.951
26	EDGE49	Y	-895.331	-464.855	0.951	1.426
27	EDGE49	Y	-464.855	-489.299	1.426	1.902
28	EDGE49	Y	-489.299	-1412.815	1.902	2.377
29	M698	Y	-21.5	-21.5	0	4.25
30	M699	Y	-64.5	-64.5	3.331e-16	4.25
31	M712	Y	-21.5	-21.5	1.432e-14	25

Member Distributed Loads (BLC 42 : BLC 7 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
32	M713	Y	-64.5	-64.5	1.51e-14	25
33	M702	Y	-21.5	-21.5	0	25
34	M703	Y	-64.5	-64.5	3.331e-16	25
35	M710	Y	-21.5	-21.5	1.898e-14	25
36	M711	Y	-64.5	-64.5	1.898e-14	25
37	M706	Y	-21.5	-21.5	1.221e-15	25
38	M707	Y	-64.5	-64.5	1.221e-15	25
39	M678	Y	-16.65	-16.65	6.939e-15	13.333
40	M680	Y	-49.95	-49.95	7.605e-15	13.333
41	BM37	Y	-20.7	-20.7	6.005	8.132
42	EDGE18	Y	-20.7	-20.7	6.005	8.132
43	BM16	Y	-172.5	-172.5	3.003	6.005
44	BM17	Y	-128.513	-128.513	3.003	6.005
45	BM35	Y	-172.5	-172.5	3.003	6.005
46	BM36	Y	-172.5	-172.5	3.003	6.005
47	BM37	Y	-164.183	-164.183	3.003	6.005
48	EDGE18	Y	-21.254	-21.254	3.003	6.005
49	BM17	Y	-20.7	-20.7	6.005	8.132
50	BM16	Y	-172.5	-172.5	8.132	11.135
51	BM17	Y	-128.513	-128.513	8.132	11.135
52	BM35	Y	-172.5	-172.5	8.132	11.135
53	BM36	Y	-172.5	-172.5	8.132	11.135
54	BM37	Y	-164.183	-164.183	8.132	11.135
55	EDGE18	Y	-21.254	-21.254	8.132	11.135
56	BM17	Y	-30.9	-30.9	3.003	11.135
57	EDGE34	Y	-30.9	-30.9	3.003	11.135
58	BM16	Y	-515	-515	11.135	14.137
59	BM17	Y	-407.88	-407.88	11.135	14.137
60	BM35	Y	-515	-515	11.135	14.137
61	BM36	Y	-515	-515	11.135	14.137
62	BM37	Y	-488.349	-488.349	11.135	14.137
63	EDGE18	Y	-188.876	-188.876	11.135	14.137
64	EDGE34	Y	-37.595	-37.595	11.135	14.137
65	EDGE18	Y	-123.6	-123.6	3.003	11.135
66	BM16	Y	-515	-515	8.438e-15	3.003
67	BM17	Y	-407.88	-407.88	0	3.003
68	BM35	Y	-515	-515	1.121e-14	3.003
69	BM36	Y	-515	-515	0	3.003
70	BM37	Y	-488.349	-488.349	0	3.003
71	EDGE18	Y	-188.876	-188.876	0	3.003
72	EDGE34	Y	-37.595	-37.595	0	3.003
73	CANOPY10	Y	-49.95	-49.95	6.106e-16	13.333
74	CANOPY13	Y	-49.95	-49.95	1.432e-14	25
75	CANOPY18	Y	-16.65	-16.65	9.492e-15	7.667
76	CANOPY21	Y	-16.65	-16.65	9.603e-15	13.333
77	CANOPY28	Y	-49.95	-49.95	1.221e-15	25
78	CANOPY32	Y	-16.65	-16.65	1.432e-14	25
79	CANOPY33	Y	-16.65	-16.65	1.221e-15	25
80	CANOPY34	Y	-49.95	-49.95	1.005e-14	7.667
81	EDGE34	Y	-103.2	-103.2	0	14.137
82	EDGE18	Y	-103.2	-103.2	6.328e-15	14.137
83	BM16	Y	-860	-860	14.137	17.14
84	BM17	Y	-673.308	-673.308	14.137	17.14
85	BM35	Y	-860	-860	14.137	17.14
86	BM36	Y	-860	-860	14.137	17.14
87	BM37	Y	-832.05	-832.05	14.137	17.14
88	EDGE18	Y	-402.05	-402.05	14.137	17.14
89	EDGE34	Y	-173.792	-173.792	14.137	17.14
90	BM16	Y	-1202.5	-1202.5	17.14	20.142
91	BM17	Y	-965.006	-965.006	17.14	20.142
92	BM35	Y	-1202.5	-1202.5	17.14	20.142
93	BM36	Y	-1202.5	-1202.5	17.14	20.142
94	BM37	Y	-1163.419	-1163.419	17.14	20.142
95	EDGE18	Y	-562.169	-562.169	17.14	20.142
96	EDGE34	Y	-363.756	-363.756	17.14	20.142
97	EDGE34	Y	-144.3	-144.3	1.166e-15	17.14
98	BM16	Y	0	-395.391	17.49	19.239
99	BM16	Y	-395.391	-1050.012	19.239	20.988

Member Distributed Loads (BLC 42 : BLC 7 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
100	BM16	Y	-1050.012	-868.695	20.988	22.737
101	BM16	Y	-868.695	-214.074	22.737	24.486
102	BM16	Y	-214.074	0	24.486	26.235
103	BM17	Y	-1221.428	-1221.428	20.142	23.145
104	BM35	Y	1.016e-13	-397.928	17.49	19.239
105	BM35	Y	-397.928	-1077.004	19.239	20.988
106	BM35	Y	-1077.004	-897.918	20.988	22.737
107	BM35	Y	-897.918	-218.842	22.737	24.486
108	BM35	Y	-218.842	1.016e-13	24.486	26.235
109	BM36	Y	0	-397.916	17.49	19.239
110	BM36	Y	-397.916	-1060.306	19.239	20.988
111	BM36	Y	-1060.306	-881.345	20.988	22.737
112	BM36	Y	-881.345	-218.955	22.737	24.486
113	BM36	Y	-218.955	0	24.486	26.235
114	BM37	Y	-1.016e-13	-384.948	17.49	19.239

Member Distributed Loads (BLC 43 : BLC 8 Transient Area Loads)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	COL20	X	-30.315	-30.315	22	24
2	COL20	X	-30.315	-30.315	24	26
3	COL20	X	-30.315	-30.315	26	28
4	COL20	X	-30.315	-30.265	28	30
5	COL20	X	-30.265	-30.128	30	32
6	COL20	X	-30.128	-29.956	32	34
7	COL21	X	-62.505	-62.505	0	2
8	COL21	X	-62.505	-62.505	2	4
9	COL21	X	-62.505	-62.505	4	6
10	COL21	X	-62.505	-62.505	6	8
11	COL21	X	-62.505	-62.505	8	10
12	COL21	X	-62.505	-62.505	10	12
13	COL21	X	-62.505	-62.505	12	14
14	COL21	X	-62.505	-62.505	14	16
15	COL21	X	-62.505	-62.505	16	18
16	COL21	X	-62.505	-62.505	18	20
17	COL21	X	-62.505	-62.505	20	22
18	COL21	X	-62.505	-62.505	22	24
19	COL21	X	-62.505	-62.505	24	26
20	COL21	X	-62.505	-62.505	26	28
21	COL21	X	-62.505	-62.403	28	30
22	COL21	X	-62.403	-62.121	30	32
23	COL21	X	-62.121	-61.76	32	34
24	COL24	X	-61.568	-61.568	0	2
25	COL24	X	-61.568	-61.568	2	4
26	COL24	X	-61.568	-61.568	4	6
27	COL24	X	-61.568	-61.568	6	8
28	COL24	X	-61.568	-61.568	8	10
29	COL24	X	-61.568	-61.568	10	12
30	COL24	X	-61.568	-61.568	12	14
31	COL24	X	-61.568	-61.568	14	16
32	COL24	X	-61.568	-61.568	16	18
33	COL24	X	-61.568	-61.568	18	20
34	COL24	X	-61.568	-61.568	20	22
35	COL24	X	-61.568	-61.568	22	24
36	COL24	X	-61.568	-61.568	24	26
37	COL24	X	-61.568	-61.568	26	28
38	COL24	X	-61.568	-61.468	28	30
39	COL24	X	-61.468	-61.189	30	32
40	COL24	X	-61.189	-60.833	32	34
41	COL25	X	-62.504	-62.504	0.006	33.979
42	COL27	X	-38.698	-38.468	0	2.125
43	COL27	X	-38.468	-47.856	2.125	4.25
44	COL27	X	-47.856	-47.798	4.25	6.375
45	COL27	X	-47.798	-38.237	6.375	8.5
46	COL27	X	-38.237	-38.237	8.5	10.625
47	COL27	X	-38.237	-38.237	10.625	12.75
48	COL27	X	-38.237	-38.237	12.75	14.875
49	COL27	X	-38.237	-47.798	14.875	17
50	COL27	X	-47.798	-47.798	17	19.125

Member Distributed Loads (BLC 43 : BLC 8 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
51	COL27	X	-47.798	-38.237	19.125	21.25
52	COL27	X	-38.237	-38.237	21.25	23.375
53	COL28	X	-57.148	-56.78	0	2.125
54	COL28	X	-56.78	-70.618	2.125	4.25
55	COL28	X	-70.618	-70.532	4.25	6.375
56	COL28	X	-70.532	-56.424	6.375	8.5
57	COL28	X	-56.424	-56.424	8.5	10.625
58	COL28	X	-56.424	-56.424	10.625	12.75
59	COL28	X	-56.424	-56.424	12.75	14.875
60	COL28	X	-56.424	-70.532	14.875	17
61	COL28	X	-70.532	-70.532	17	19.125
62	COL28	X	-70.532	-56.424	19.125	21.25
63	COL28	X	-56.424	-56.424	21.25	23.375
64	COL32	X	-58.024	-57.645	0	2.125
65	COL32	X	-57.645	-71.692	2.125	4.25
66	COL32	X	-71.692	-71.606	4.25	6.375
67	COL32	X	-71.606	-57.283	6.375	8.5
68	COL32	X	-57.283	-57.283	8.5	10.625
69	COL32	X	-57.283	-57.283	10.625	12.75
70	COL32	X	-57.283	-57.283	12.75	14.875
71	COL32	X	-57.283	-71.606	14.875	17
72	COL32	X	-71.606	-71.606	17	19.125
73	COL32	X	-71.606	-57.283	19.125	21.25
74	COL32	X	-57.283	-57.283	21.25	23.375
75	COL41	X	-58.024	-57.645	0	2.125
76	COL41	X	-57.645	-71.692	2.125	4.25
77	COL41	X	-71.692	-71.606	4.25	6.375
78	COL41	X	-71.606	-57.283	6.375	8.5
79	COL41	X	-57.283	-57.283	8.5	10.625
80	COL41	X	-57.283	-57.283	10.625	12.75
81	COL41	X	-57.283	-57.283	12.75	14.875
82	COL41	X	-57.283	-71.606	14.875	17
83	COL41	X	-71.606	-71.606	17	19.125
84	COL41	X	-71.606	-57.283	19.125	21.25
85	COL41	X	-57.283	-57.283	21.25	23.375
86	COL42	X	-58.024	-57.645	0	2.125
87	COL42	X	-57.645	-71.692	2.125	4.25
88	COL42	X	-71.692	-71.606	4.25	6.375
89	COL42	X	-71.606	-57.283	6.375	8.5
90	COL42	X	-57.283	-57.283	8.5	10.625
91	COL42	X	-57.283	-57.283	10.625	12.75
92	COL42	X	-57.283	-57.283	12.75	14.875
93	COL42	X	-57.283	-71.606	14.875	17
94	COL42	X	-71.606	-71.606	17	19.125
95	COL42	X	-71.606	-57.283	19.125	21.25
96	COL42	X	-57.283	-57.283	21.25	23.375
97	COL43	X	-58.024	-57.645	0	2.125
98	COL43	X	-57.645	-71.692	2.125	4.25
99	COL43	X	-71.692	-71.606	4.25	6.375
100	COL43	X	-71.606	-57.283	6.375	8.5
101	COL43	X	-57.283	-57.283	8.5	10.625
102	COL43	X	-57.283	-57.283	10.625	12.75
103	COL43	X	-57.283	-57.283	12.75	14.875
104	COL43	X	-57.283	-71.606	14.875	17
105	COL43	X	-71.606	-71.606	17	19.125
106	COL43	X	-71.606	-57.283	19.125	21.25
107	COL43	X	-57.283	-57.283	21.25	23.375
108	COL44	X	-58.019	-57.646	0	2.125
109	COL44	X	-57.646	-71.694	2.125	4.25
110	COL44	X	-71.694	-71.606	4.25	6.375
111	COL44	X	-71.606	-57.283	6.375	8.5
112	COL44	X	-57.283	-57.283	8.5	10.625
113	COL44	X	-57.283	-57.283	10.625	12.75
114	COL44	X	-57.283	-57.283	12.75	14.875
115	COL44	X	-57.283	-71.606	14.875	17
116	COL44	X	-71.606	-71.606	17	19.125
117	COL44	X	-71.606	-57.283	19.125	21.25
118	COL44	X	-57.283	-57.283	21.25	23.375

Member Distributed Loads (BLC 43 : BLC 8 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
119	COL45	X	-54.101	-53.753	0	2.125
120	COL45	X	-53.753	-66.854	2.125	4.25
121	COL45	X	-66.854	-66.773	4.25	6.375
122	COL45	X	-66.773	-53.417	6.375	8.5
123	COL45	X	-53.417	-53.417	8.5	10.625
124	COL45	X	-53.417	-53.417	10.625	12.75
125	COL45	X	-53.417	-53.417	12.75	14.875
126	COL45	X	-53.417	-66.773	14.875	17
127	COL45	X	-66.773	-66.773	17	19.125
128	COL45	X	-66.773	-53.417	19.125	21.25
129	COL45	X	-53.417	-53.417	21.25	23.375
130	COL58	X	-62.505	-62.505	0	2
131	COL58	X	-62.505	-62.505	2	4
132	COL58	X	-62.505	-62.505	4	6
133	COL58	X	-62.505	-62.505	6	8
134	COL58	X	-62.505	-62.505	8	10
135	COL58	X	-62.505	-62.505	10	12
136	COL58	X	-62.505	-62.505	12	14
137	COL58	X	-62.505	-62.505	14	16
138	COL58	X	-62.505	-62.505	16	18
139	COL58	X	-62.505	-62.505	18	20
140	COL58	X	-62.505	-62.505	20	22
141	COL58	X	-62.505	-62.505	22	24
142	COL58	X	-62.505	-62.505	24	26
143	COL58	X	-62.505	-62.505	26	28
144	COL58	X	-62.505	-62.403	28	30
145	COL58	X	-62.403	-62.121	30	32
146	COL58	X	-62.121	-61.76	32	34
147	COL59	X	-62.505	-62.505	0	2
148	COL59	X	-62.505	-62.505	2	4
149	COL59	X	-62.505	-62.505	4	6
150	COL59	X	-62.505	-62.505	6	8
151	COL59	X	-62.505	-62.505	8	10
152	COL59	X	-62.505	-62.505	10	12
153	COL59	X	-62.505	-62.505	12	14
154	COL59	X	-62.505	-62.505	14	16
155	COL59	X	-62.505	-62.505	16	18
156	COL59	X	-62.505	-62.505	18	20
157	COL59	X	-62.505	-62.505	20	22
158	COL59	X	-62.505	-62.505	22	24
159	COL59	X	-62.505	-62.505	24	26
160	COL59	X	-62.505	-62.505	26	28
161	COL59	X	-62.505	-62.403	28	30
162	COL59	X	-62.403	-62.121	30	32
163	COL59	X	-62.121	-61.76	32	34
164	COL61	X	-41.716	-41.716	0.003	33.982
165	COL20	X	-34.751	-34.716	0	2.04
166	COL20	X	-34.716	-34.658	2.04	4.08
167	COL20	X	-34.658	-36.794	4.08	6.12
168	COL20	X	-36.794	-39.028	6.12	8.16
169	COL20	X	-39.028	-38.544	8.16	10.2
170	COL20	X	-38.544	-34.717	10.2	12.24
171	COL20	X	-34.717	-34.303	12.24	14.28
172	COL20	X	-34.303	-27.338	14.28	16.32
173	COL20	X	-27.338	-8.749	16.32	18.36
174	COL20	X	-8.749	0.0008534	18.36	20.4
175	EDGE18	X	-3.323	-0.971	0	5.83
176	EDGE18	X	-0.971	0.206	5.83	11.66
177	EDGE18	X	0.206	0.206	11.66	17.49
178	EDGE18	X	0.206	-0.674	17.49	23.32
179	EDGE18	X	-0.674	-2.433	23.32	29.15
180	COL10	X	-14.659	-14.659	0	2
181	COL10	X	-14.659	-14.659	2	4
182	COL10	X	-14.659	-14.659	4	6
183	COL10	X	-14.659	-14.659	6	8
184	COL10	X	-14.659	-14.659	8	10
185	COL10	X	-14.659	-14.659	10	12
186	COL10	X	-14.659	-14.659	12	14

Member Distributed Loads (BLC 43 : BLC 8 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
187	COL10	X	-14.659	-14.659	14	16
188	COL10	X	-14.659	-14.659	16	18
189	COL10	X	-14.659	-14.659	18	20
190	COL10	X	-14.659	-14.659	20	22
191	COL10	X	-14.659	-14.659	22	24
192	COL10	X	-14.659	-14.659	24	26
193	COL10	X	-14.659	-14.659	26	28
194	COL10	X	-14.659	-14.659	28	30
195	COL10	X	-14.659	-14.659	30	32
196	COL10	X	-14.659	-14.659	32	34
197	COL10	X	-14.659	-14.659	34	36
198	COL10	X	-14.659	-14.658	36	38
199	COL10	X	-14.658	-14.647	38	40
200	COL10	X	-14.647	-14.631	40	42
201	COL10	X	-14.631	-14.6	42	44
202	COL10	X	-14.6	-14.549	44	46
203	COL68	X	-27.823	-46.688	0	2.188
204	COL68	X	-46.688	-46.943	2.188	4.375
205	COL68	X	-46.943	-37.801	4.375	6.562
206	COL68	X	-37.801	-37.855	6.562	8.75
207	COL68	X	-37.855	-47.203	8.75	10.938
208	COL68	X	-47.203	-47.208	10.938	13.125
209	COL68	X	-47.208	-37.884	13.125	15.312
210	COL68	X	-37.884	-37.886	15.312	17.5
211	COL34	X	-33.373	-33.373	0	2
212	COL34	X	-33.373	-33.373	2	4
213	COL34	X	-33.373	-33.373	4	6
214	COL34	X	-33.373	-33.373	6	8
215	COL34	X	-33.373	-33.373	8	10
216	COL34	X	-33.373	-33.373	10	12
217	COL34	X	-33.373	-33.373	12	14
218	COL34	X	-33.373	-33.373	14	16
219	COL34	X	-33.373	-33.373	16	18
220	COL34	X	-33.373	-33.373	18	20
221	COL34	X	-33.373	-33.373	20	22
222	COL34	X	-33.373	-33.373	22	24
223	COL34	X	-33.373	-33.373	24	26
224	COL34	X	-33.373	-33.373	26	28
225	COL34	X	-33.373	-33.373	28	30
226	COL34	X	-33.373	-33.356	30	32
227	COL34	X	-33.356	-33.34	32	34
228	COL34	X	-33.34	-33.34	34	36
229	COL34	X	-33.34	-33.336	36	38
230	COL34	X	-33.336	-33.313	38	40
231	COL34	X	-33.313	-33.285	40	42
232	COL34	X	-33.285	-33.235	42	44
233	COL34	X	-33.235	-33.154	44	46
234	COL40	X	-45.022	-75.408	0	2.188
235	COL40	X	-75.408	-75.84	2.188	4.375
236	COL40	X	-75.84	-60.725	4.375	6.562
237	COL40	X	-60.725	-59.997	6.562	8.75
238	COL40	X	-59.997	-74.57	8.75	10.938
239	COL40	X	-74.57	-74.902	10.938	13.125
240	COL40	X	-74.902	-60.394	13.125	15.312
241	COL40	X	-60.394	-60.605	15.312	17.5
242	COL49	X	-42.51	-42.51	0	2.048
243	COL49	X	-42.51	-42.51	2.048	4.097
244	COL49	X	-42.51	-42.51	4.097	6.145
245	COL49	X	-42.51	-42.51	6.145	8.194
246	COL49	X	-42.51	-42.51	8.194	10.242
247	COL49	X	-42.51	-42.51	10.242	12.29
248	COL49	X	-42.51	-45.003	12.29	14.339
249	COL49	X	-45.003	-50.624	14.339	16.387
250	COL49	X	-50.624	-50.015	16.387	18.435
251	COL49	X	-50.015	-45.023	18.435	20.484
252	COL49	X	-45.023	-43.139	20.484	22.532
253	COL49	X	-43.139	-42.51	22.532	24.581
254	COL49	X	-42.51	-42.51	24.581	26.629

Member Distributed Loads (BLC 43 : BLC 8 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
255	COL49	X	-42.51	-42.51	26.629	28.677
256	COL49	X	-42.51	-42.502	28.677	30.726
257	COL49	X	-42.502	-42.488	30.726	32.774
258	COL49	X	-42.488	-42.482	32.774	34.823
259	COL49	X	-42.482	-42.497	34.823	36.871
260	COL49	X	-42.497	-42.526	36.871	38.919
261	COL49	X	-42.526	-42.556	38.919	40.968
262	COL49	X	-42.556	-42.586	40.968	43.016
263	COL49	X	-42.586	-42.479	43.016	45.065
264	COL49	X	-42.479	-44.702	45.065	47.113
265	COL49	X	-44.702	-49.475	47.113	49.161
266	COL49	X	-49.475	-48.769	49.161	51.21
267	COL49	X	-48.769	-45.023	51.21	53.258
268	COL49	X	-45.023	-43.191	53.258	55.306
269	COL49	X	-43.191	-41.971	55.306	57.355
270	COL49	X	-41.971	-41.971	57.355	59.403
271	COL49	X	-41.971	-41.971	59.403	61.452
272	COL49	X	-41.971	-41.971	61.452	63.5
273	COL65	X	-9.811	-9.811	0	2.092
274	COL65	X	-9.811	-9.811	2.092	4.184
275	COL65	X	-9.811	-9.811	4.184	6.276
276	COL65	X	-9.811	-12.264	6.276	8.368
277	COL65	X	-12.264	-12.264	8.368	10.461
278	COL65	X	-12.264	-9.811	10.461	12.553
279	COL65	X	-9.811	-9.811	12.553	14.645
280	COL65	X	-9.811	-9.811	14.645	16.737
281	COL65	X	-9.811	-9.811	16.737	18.829
282	COL65	X	-9.811	-9.811	18.829	20.921
283	COL65	X	-9.811	-9.811	20.921	23.013
284	COL65	X	-9.811	-9.811	23.013	25.105
285	COL65	X	-9.811	-9.811	25.105	27.197
286	COL65	X	-9.811	-11.65	27.197	29.289
287	COL10	X	-27.031	-27.031	44.5	46
288	COL34	X	-33.281	-33.281	44.5	46
289	TRUSS10	X	-62.5	-62.5	0	1.5
290	TRUSS11	X	-40.726	-69.585	0	2.188
291	TRUSS11	X	-69.585	-70.503	2.188	4.375
292	TRUSS11	X	-70.503	-57.219	4.375	6.562
293	TRUSS11	X	-57.219	-56.609	6.562	8.75
294	TRUSS11	X	-56.609	-69.924	8.75	10.938
295	TRUSS11	X	-69.924	-70.408	10.938	13.125
296	TRUSS11	X	-70.408	-56.83	13.125	15.312
297	TRUSS11	X	-56.83	-57.009	15.312	17.5
298	TRUSS12	X	-40.933	-68.929	0	2.188
299	TRUSS12	X	-68.929	-69.234	2.188	4.375
300	TRUSS12	X	-69.234	-55.306	4.375	6.562
301	TRUSS12	X	-55.306	-57.55	6.562	8.75
302	TRUSS12	X	-57.55	-71.961	8.75	10.938
303	TRUSS12	X	-71.961	-70.761	10.938	13.125
304	TRUSS12	X	-70.761	-57.39	13.125	15.312
305	TRUSS12	X	-57.39	-56.912	15.312	17.5
306	TRUSS16	X	-40.933	-68.929	0	2.188
307	TRUSS16	X	-68.929	-69.234	2.188	4.375
308	TRUSS16	X	-69.234	-55.306	4.375	6.562
309	TRUSS16	X	-55.306	-57.55	6.562	8.75
310	TRUSS16	X	-57.55	-71.961	8.75	10.938
311	TRUSS16	X	-71.961	-70.761	10.938	13.125
312	TRUSS16	X	-70.761	-57.39	13.125	15.312
313	TRUSS16	X	-57.39	-56.912	15.312	17.5
314	TRUSS17	X	-30.141	-51.694	0	2.188
315	TRUSS17	X	-51.694	-52.365	2.188	4.375
316	TRUSS17	X	-52.365	-42.357	4.375	6.562
317	TRUSS17	X	-42.357	-42.547	6.562	8.75
318	TRUSS17	X	-42.547	-53.264	8.75	10.938
319	TRUSS17	X	-53.264	-53.382	10.938	13.125
320	TRUSS17	X	-53.382	-42.879	13.125	15.312
321	TRUSS17	X	-42.879	-42.879	15.312	17.5
322	TRUSS20	X	-37.913	-64.528	0	2.188

Member Distributed Loads (BLC 43 : BLC 8 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
323	TRUSS20	X	-64.528	-65.207	2.188	4.375
324	TRUSS20	X	-65.207	-52.674	4.375	6.562
325	TRUSS20	X	-52.674	-52.857	6.562	8.75
326	TRUSS20	X	-52.857	-66.104	8.75	10.938
327	TRUSS20	X	-66.104	-66.218	10.938	13.125
328	TRUSS20	X	-66.218	-53.17	13.125	15.312
329	TRUSS20	X	-53.17	-53.164	15.312	17.5
330	TRUSS21	X	-30.143	-51.696	0	2.188
331	TRUSS21	X	-51.696	-52.369	2.188	4.375
332	TRUSS21	X	-52.369	-42.358	4.375	6.562
333	TRUSS21	X	-42.358	-42.544	6.562	8.75
334	TRUSS21	X	-42.544	-53.263	8.75	10.938
335	TRUSS21	X	-53.263	-53.383	10.938	13.125
336	TRUSS21	X	-53.383	-42.879	13.125	15.312
337	TRUSS21	X	-42.879	-42.879	15.312	17.5
338	TRUSS23	X	-62.5	-62.5	1.712e-13	1.5
339	TRUSS25	X	-19.829	-34.427	0	2.188
340	TRUSS25	X	-34.427	-34.974	2.188	4.375
341	TRUSS25	X	-34.974	-28.278	4.375	6.562
342	TRUSS25	X	-28.278	-28.39	6.562	8.75
343	TRUSS25	X	-28.39	-35.527	8.75	10.938
344	TRUSS25	X	-35.527	-35.6	10.938	13.125
345	TRUSS25	X	-35.6	-28.593	13.125	15.312
346	TRUSS25	X	-28.593	-28.593	15.312	17.5
347	TRUSS27	X	-62.5	-62.5	0	1.5
348	TRUSS30	X	-64.531	-64.531	0	1.5
349	TRUSS31	X	-40.726	-69.585	0	2.188
350	TRUSS31	X	-69.585	-70.503	2.188	4.375
351	TRUSS31	X	-70.503	-57.22	4.375	6.562
352	TRUSS31	X	-57.22	-56.61	6.562	8.75
353	TRUSS31	X	-56.61	-69.922	8.75	10.938
354	TRUSS31	X	-69.922	-70.408	10.938	13.125
355	TRUSS31	X	-70.408	-56.83	13.125	15.312
356	TRUSS31	X	-56.83	-57.009	15.312	17.5
357	TRUSS36	X	-42.544	-70.816	0	2.188
358	TRUSS36	X	-70.816	-71.02	2.188	4.375
359	TRUSS36	X	-71.02	-57.926	4.375	6.562
360	TRUSS36	X	-57.926	-59.416	6.562	8.75
361	TRUSS36	X	-59.416	-74.394	8.75	10.938
362	TRUSS36	X	-74.394	-73.921	10.938	13.125
363	TRUSS36	X	-73.921	-59.015	13.125	15.312
364	TRUSS36	X	-59.015	-58.799	15.312	17.5
365	TRUSS39	X	-62.5	-62.5	0	1.5
366	TRUSS40	X	-62.5	-62.5	0	1.5
367	TRUSS41	X	-62.5	-62.5	0	1.5
368	TRUSS42	X	-58.281	-58.281	0	1.5
369	BM10	X	-487.545	-487.545	0	2.01
370	BM10	X	-487.545	-487.545	2.01	4.021
371	BM10	X	-487.545	-487.545	4.021	6.031
372	BM10	X	-487.545	-487.545	6.031	8.042
373	BM10	X	-487.545	-487.545	8.042	10.052
374	BM10	X	-487.545	-487.545	10.052	12.063
375	BM10	X	-487.545	-487.545	12.063	14.073
376	BM10	X	-487.545	-487.545	14.073	16.084
377	BM10	X	-487.545	-487.545	16.084	18.094
378	BM10	X	-487.545	-487.545	18.094	20.104
379	BM10	X	-487.545	-487.545	20.104	22.115
380	BM10	X	-487.545	-487.545	22.115	24.125
381	BM10	X	-487.545	-487.545	24.125	26.136
382	BM10	X	-487.545	-486.963	26.136	28.146
383	BM10	X	-486.963	-484.95	28.146	30.157
384	BM10	X	-484.95	-482.089	30.157	32.167
385	BM11	X	-478.43	-478.43	0	2.01
386	BM11	X	-478.43	-478.43	2.01	4.021
387	BM11	X	-478.43	-478.43	4.021	6.031
388	BM11	X	-478.43	-478.43	6.031	8.042
389	BM11	X	-478.43	-478.43	8.042	10.052
390	BM11	X	-478.43	-478.746	10.052	12.063

Member Distributed Loads (BLC 43 : BLC 8 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
391	BM11	X	-478.746	-479.643	12.063	14.073
392	BM11	X	-479.643	-480.786	14.073	16.084
393	BM11	X	-480.786	-482	16.084	18.094
394	BM11	X	-482	-482.914	18.094	20.104
395	BM11	X	-482.914	-483.242	20.104	22.115
396	BM11	X	-483.242	-483.373	22.115	24.125
397	BM11	X	-483.373	-483.404	24.125	26.136
398	BM11	X	-483.404	-482.964	26.136	28.146
399	BM11	X	-482.964	-481.577	28.146	30.157
400	BM11	X	-481.577	-479.618	30.157	32.167
401	BM12	X	-487.545	-487.545	0	2.01
402	BM12	X	-487.545	-487.545	2.01	4.021
403	BM12	X	-487.545	-487.545	4.021	6.031
404	BM12	X	-487.545	-487.545	6.031	8.042
405	BM12	X	-487.545	-487.545	8.042	10.052
406	BM12	X	-487.545	-487.545	10.052	12.063
407	BM12	X	-487.545	-487.545	12.063	14.073
408	BM12	X	-487.545	-487.545	14.073	16.084
409	BM12	X	-487.545	-487.545	16.084	18.094
410	BM12	X	-487.545	-487.545	18.094	20.104
411	BM12	X	-487.545	-487.545	20.104	22.115
412	BM12	X	-487.545	-487.545	22.115	24.125
413	BM12	X	-487.545	-487.545	24.125	26.136
414	BM12	X	-487.545	-486.963	26.136	28.146
415	BM12	X	-486.963	-484.95	28.146	30.157
416	BM12	X	-484.95	-482.089	30.157	32.167
417	BM13	X	-487.545	-487.545	0	2.01
418	BM13	X	-487.545	-487.545	2.01	4.021
419	BM13	X	-487.545	-487.545	4.021	6.031
420	BM13	X	-487.545	-487.545	6.031	8.042
421	BM13	X	-487.545	-487.545	8.042	10.052
422	BM13	X	-487.545	-487.545	10.052	12.063
423	BM13	X	-487.545	-487.545	12.063	14.073
424	BM13	X	-487.545	-487.545	14.073	16.084
425	BM13	X	-487.545	-487.545	16.084	18.094
426	BM13	X	-487.545	-487.545	18.094	20.104
427	BM13	X	-487.545	-487.545	20.104	22.115
428	BM13	X	-487.545	-487.545	22.115	24.125
429	BM13	X	-487.545	-487.545	24.125	26.136
430	BM13	X	-487.545	-486.963	26.136	28.146
431	BM13	X	-486.963	-484.95	28.146	30.157
432	BM13	X	-484.95	-482.089	30.157	32.167
433	BM14	X	-487.545	-487.545	0	2.01
434	BM14	X	-487.545	-487.545	2.01	4.021
435	BM14	X	-487.545	-487.545	4.021	6.031
436	BM14	X	-487.545	-487.545	6.031	8.042
437	BM14	X	-487.545	-487.545	8.042	10.052
438	BM14	X	-487.545	-487.545	10.052	12.063
439	BM14	X	-487.545	-487.545	12.063	14.073
440	BM14	X	-487.545	-487.545	14.073	16.084
441	BM14	X	-487.545	-487.545	16.084	18.094
442	BM14	X	-487.545	-487.545	18.094	20.104
443	BM14	X	-487.545	-487.545	20.104	22.115
444	BM14	X	-487.545	-487.545	22.115	24.125
445	BM14	X	-487.545	-487.545	24.125	26.136
446	BM14	X	-487.545	-486.963	26.136	28.146
447	BM14	X	-486.963	-484.95	28.146	30.157
448	BM14	X	-484.95	-482.089	30.157	32.167
449	BM15	X	-324.547	-324.547	0	2.01
450	BM15	X	-324.547	-324.547	2.01	4.021
451	BM15	X	-324.547	-324.547	4.021	6.031
452	BM15	X	-324.547	-324.547	6.031	8.042
453	BM15	X	-324.547	-324.574	8.042	10.052
454	BM15	X	-324.574	-324.978	10.052	12.063
455	BM15	X	-324.978	-326.045	12.063	14.073
456	BM15	X	-326.045	-327.708	14.073	16.084
457	BM15	X	-327.708	-330.023	16.084	18.094
458	BM15	X	-330.023	-331.822	18.094	20.104

Member Distributed Loads (BLC 43 : BLC 8 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
459	BM15	X	-331.822	-331.054	20.104	22.115
460	BM15	X	-331.054	-328.443	22.115	24.125
461	BM15	X	-328.443	-326.038	24.125	26.136
462	BM15	X	-326.038	-324.331	26.136	28.146
463	BM15	X	-324.331	-323.425	28.146	30.157
464	BM15	X	-323.425	-322.984	30.157	32.167
465	BM18	X	-487.517	-487.517	0.017	32.162
466	BM20	X	-305.913	-306.901	0	2.117
467	BM20	X	-306.901	-308.718	2.117	4.233
468	BM20	X	-308.718	-354.444	4.233	6.35
469	BM20	X	-354.444	-357.143	6.35	8.466
470	BM20	X	-357.143	-313.531	8.466	10.583
471	BM20	X	-313.531	-309.999	10.583	12.699
472	BM20	X	-309.999	-306.953	12.699	14.816
473	BM20	X	-306.953	-304.453	14.816	16.932
474	BM20	X	-304.453	-356.134	16.932	19.049
475	BM20	X	-356.134	-377.293	19.049	21.165
476	BM20	X	-377.293	-323.662	21.165	23.282
477	BM20	X	-323.662	-301.633	23.282	25.398
478	BM20	X	-301.633	-301.633	25.398	27.515
479	BM21	X	-457.796	-455.091	0	2.117
480	BM21	X	-455.091	-453.183	2.117	4.233
481	BM21	X	-453.183	-565.796	4.233	6.35
482	BM21	X	-565.796	-565.796	6.35	8.466
483	BM21	X	-565.796	-452.627	8.466	10.583
484	BM21	X	-452.627	-452.627	10.583	12.699
485	BM21	X	-452.627	-452.627	12.699	14.816
486	BM21	X	-452.627	-452.627	14.816	16.932
487	BM21	X	-452.627	-565.796	16.932	19.049
488	BM21	X	-565.796	-565.796	19.049	21.165
489	BM21	X	-565.796	-452.627	21.165	23.282
490	BM21	X	-452.627	-452.627	23.282	25.398
491	BM21	X	-452.627	-452.627	25.398	27.515
492	BM22	X	-487.517	-487.517	0.017	32.162
493	BM24	X	-457.796	-455.091	0	2.117
494	BM24	X	-455.091	-453.183	2.117	4.233
495	BM24	X	-453.183	-565.796	4.233	6.35
496	BM24	X	-565.796	-565.796	6.35	8.466
497	BM24	X	-565.796	-452.627	8.466	10.583
498	BM24	X	-452.627	-452.627	10.583	12.699
499	BM24	X	-452.627	-452.627	12.699	14.816
500	BM24	X	-452.627	-452.627	14.816	16.932
501	BM24	X	-452.627	-565.796	16.932	19.049
502	BM24	X	-565.796	-565.796	19.049	21.165
503	BM24	X	-565.796	-452.627	21.165	23.282
504	BM24	X	-452.627	-452.627	23.282	25.398
505	BM24	X	-452.627	-452.627	25.398	27.515
506	BM25	X	-457.796	-455.091	0	2.117
507	BM25	X	-455.091	-453.183	2.117	4.233
508	BM25	X	-453.183	-565.796	4.233	6.35
509	BM25	X	-565.796	-565.796	6.35	8.466
510	BM25	X	-565.796	-452.627	8.466	10.583
511	BM25	X	-452.627	-452.627	10.583	12.699
512	BM25	X	-452.627	-452.627	12.699	14.816
513	BM25	X	-452.627	-452.627	14.816	16.932
514	BM25	X	-452.627	-565.796	16.932	19.049
515	BM25	X	-565.796	-565.796	19.049	21.165
516	BM25	X	-565.796	-452.627	21.165	23.282
517	BM25	X	-452.627	-452.627	23.282	25.398
518	BM25	X	-452.627	-452.627	25.398	27.515
519	BM27	X	-457.796	-455.091	0	2.117
520	BM27	X	-455.091	-453.183	2.117	4.233
521	BM27	X	-453.183	-565.796	4.233	6.35
522	BM27	X	-565.796	-565.796	6.35	8.466
523	BM27	X	-565.796	-452.627	8.466	10.583
524	BM27	X	-452.627	-452.627	10.583	12.699
525	BM27	X	-452.627	-452.627	12.699	14.816
526	BM27	X	-452.627	-452.627	14.816	16.932

Member Distributed Loads (BLC 43 : BLC 8 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
527	BM27	X	-452.627	-565.796	16.932	19.049
528	BM27	X	-565.796	-565.796	19.049	21.165
529	BM27	X	-565.796	-452.627	21.165	23.282
530	BM27	X	-452.627	-452.627	23.282	25.398
531	BM27	X	-452.627	-452.627	25.398	27.515
532	BM32	X	-487.545	-487.545	0	2.01
533	BM32	X	-487.545	-487.545	2.01	4.021
534	BM32	X	-487.545	-487.545	4.021	6.031
535	BM32	X	-487.545	-487.545	6.031	8.042
536	BM32	X	-487.545	-487.545	8.042	10.052
537	BM32	X	-487.545	-487.545	10.052	12.063
538	BM32	X	-487.545	-487.545	12.063	14.073
539	BM32	X	-487.545	-487.545	14.073	16.084
540	BM32	X	-487.545	-487.545	16.084	18.094
541	BM32	X	-487.545	-487.545	18.094	20.104
542	BM32	X	-487.545	-487.545	20.104	22.115
543	BM32	X	-487.545	-487.545	22.115	24.125
544	BM32	X	-487.545	-487.545	24.125	26.136
545	BM32	X	-487.545	-486.963	26.136	28.146
546	BM32	X	-486.963	-484.95	28.146	30.157
547	BM32	X	-484.95	-482.089	30.157	32.167
548	BM33	X	-487.545	-487.545	0	2.01
549	BM33	X	-487.545	-487.545	2.01	4.021
550	BM33	X	-487.545	-487.545	4.021	6.031
551	BM33	X	-487.545	-487.545	6.031	8.042
552	BM33	X	-487.545	-487.545	8.042	10.052
553	BM33	X	-487.545	-487.545	10.052	12.063
554	BM33	X	-487.545	-487.545	12.063	14.073
555	BM33	X	-487.545	-487.545	14.073	16.084
556	BM33	X	-487.545	-487.545	16.084	18.094
557	BM33	X	-487.545	-487.545	18.094	20.104
558	BM33	X	-487.545	-487.545	20.104	22.115
559	BM33	X	-487.545	-487.545	22.115	24.125
560	BM33	X	-487.545	-487.545	24.125	26.136
561	BM33	X	-487.545	-486.963	26.136	28.146
562	BM33	X	-486.963	-484.95	28.146	30.157
563	BM33	X	-484.95	-482.089	30.157	32.167
564	BM34	X	-454.632	-454.632	0	2.01
565	BM34	X	-454.632	-454.632	2.01	4.021
566	BM34	X	-454.632	-454.632	4.021	6.031
567	BM34	X	-454.632	-454.632	6.031	8.042
568	BM34	X	-454.632	-454.632	8.042	10.052
569	BM34	X	-454.632	-454.632	10.052	12.063
570	BM34	X	-454.632	-454.632	12.063	14.073
571	BM34	X	-454.632	-454.632	14.073	16.084
572	BM34	X	-454.632	-454.632	16.084	18.094
573	BM34	X	-454.632	-454.632	18.094	20.104
574	BM34	X	-454.632	-454.632	20.104	22.115
575	BM34	X	-454.632	-454.632	22.115	24.125
576	BM34	X	-454.632	-454.632	24.125	26.136
577	BM34	X	-454.632	-454.039	26.136	28.146
578	BM34	X	-454.039	-452.224	28.146	30.157
579	BM34	X	-452.224	-449.78	30.157	32.167
580	BM38	X	-454.974	-451.514	0	2.117
581	BM38	X	-451.514	-448.569	2.117	4.233
582	BM38	X	-448.569	-521.363	4.233	6.35
583	BM38	X	-521.363	-547.336	6.35	8.466
584	BM38	X	-547.336	-481.055	8.466	10.583
585	BM38	X	-481.055	-453.75	10.583	12.699
586	BM38	X	-453.75	-444.689	12.699	14.816
587	BM38	X	-444.689	-444.689	14.816	16.932
588	BM38	X	-444.689	-510.413	16.932	19.049
589	BM38	X	-510.413	-555.877	19.049	21.165
590	BM38	X	-555.877	-490.153	21.165	23.282
591	BM38	X	-490.153	-444.689	23.282	25.398
592	BM38	X	-444.689	-444.689	25.398	27.515
593	BM39	X	-457.796	-455.091	0	2.117
594	BM39	X	-455.091	-453.183	2.117	4.233

Member Distributed Loads (BLC 43 : BLC 8 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
595	BM39	X	-453.183	-565.796	4.233	6.35
596	BM39	X	-565.796	-565.796	6.35	8.466
597	BM39	X	-565.796	-452.627	8.466	10.583
598	BM39	X	-452.627	-452.627	10.583	12.699
599	BM39	X	-452.627	-452.627	12.699	14.816
600	BM39	X	-452.627	-452.627	14.816	16.932
601	BM39	X	-452.627	-565.796	16.932	19.049
602	BM39	X	-565.796	-565.796	19.049	21.165
603	BM39	X	-565.796	-452.627	21.165	23.282
604	BM39	X	-452.627	-452.627	23.282	25.398
605	BM39	X	-452.627	-452.627	25.398	27.515
606	BM40	X	-426.789	-424.363	0	2.117
607	BM40	X	-424.363	-422.613	2.117	4.233
608	BM40	X	-422.613	-527.607	4.233	6.35
609	BM40	X	-527.607	-527.607	6.35	8.466
610	BM40	X	-527.607	-422.076	8.466	10.583
611	BM40	X	-422.076	-422.076	10.583	12.699
612	BM40	X	-422.076	-422.076	12.699	14.816
613	BM40	X	-422.076	-422.076	14.816	16.932
614	BM40	X	-422.076	-527.607	16.932	19.049
615	BM40	X	-527.607	-527.607	19.049	21.165
616	BM40	X	-527.607	-422.076	21.165	23.282
617	BM40	X	-422.076	-422.076	23.282	25.398
618	BM40	X	-422.076	-422.076	25.398	27.515
619	BM41	X	-457.796	-455.091	0	2.117
620	BM41	X	-455.091	-453.183	2.117	4.233
621	BM41	X	-453.183	-565.796	4.233	6.35
622	BM41	X	-565.796	-565.796	6.35	8.466
623	BM41	X	-565.796	-452.627	8.466	10.583
624	BM41	X	-452.627	-452.627	10.583	12.699
625	BM41	X	-452.627	-452.627	12.699	14.816
626	BM41	X	-452.627	-452.627	14.816	16.932
627	BM41	X	-452.627	-565.796	16.932	19.049
628	BM41	X	-565.796	-565.796	19.049	21.165
629	BM41	X	-565.796	-452.627	21.165	23.282
630	BM41	X	-452.627	-452.627	23.282	25.398
631	BM41	X	-452.627	-452.627	25.398	27.515
632	BM42	X	-487.517	-487.517	0.017	32.162
633	BM43	X	-479.156	-481.974	0	2.01
634	BM43	X	-481.974	-483.714	2.01	4.021
635	BM43	X	-483.714	-483.962	4.021	6.031
636	BM43	X	-483.962	-483.928	6.031	8.042
637	BM43	X	-483.928	-483.94	8.042	10.052
638	BM43	X	-483.94	-483.602	10.052	12.063
639	BM43	X	-483.602	-482.549	12.063	14.073
640	BM43	X	-482.549	-481.181	14.073	16.084
641	BM43	X	-481.181	-479.867	16.084	18.094
642	BM43	X	-479.867	-478.806	18.094	20.104
643	BM43	X	-478.806	-478.443	20.104	22.115
644	BM43	X	-478.443	-478.443	22.115	24.125
645	BM43	X	-478.443	-478.443	24.125	26.136
646	BM43	X	-478.443	-478.443	26.136	28.146
647	BM43	X	-478.443	-478.443	28.146	30.157
648	BM43	X	-478.443	-478.443	30.157	32.167
649	BM44	X	-487.517	-487.517	0.017	32.162
650	BM45	X	-449.764	-452.24	0	2.01
651	BM45	X	-452.24	-454.055	2.01	4.021
652	BM45	X	-454.055	-454.632	4.021	6.031
653	BM45	X	-454.632	-454.632	6.031	8.042
654	BM45	X	-454.632	-454.632	8.042	10.052
655	BM45	X	-454.632	-454.632	10.052	12.063
656	BM45	X	-454.632	-454.632	12.063	14.073
657	BM45	X	-454.632	-454.632	14.073	16.084
658	BM45	X	-454.632	-454.632	16.084	18.094
659	BM45	X	-454.632	-454.632	18.094	20.104
660	BM45	X	-454.632	-454.632	20.104	22.115
661	BM45	X	-454.632	-454.632	22.115	24.125
662	BM45	X	-454.632	-454.632	24.125	26.136

Member Distributed Loads (BLC 43 : BLC 8 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
663	BM45	X	-454.632	-454.632	26.136	28.146
664	BM45	X	-454.632	-454.632	28.146	30.157
665	BM45	X	-454.632	-454.632	30.157	32.167
666	BM46	X	-487.517	-487.517	0.017	32.162
667	BM47	X	-487.517	-487.517	0.017	32.162
668	BM48	X	-321.238	-322.774	0	2.01
669	BM48	X	-322.774	-324.324	2.01	4.021
670	BM48	X	-324.324	-326.101	4.021	6.031
671	BM48	X	-326.101	-328.535	6.031	8.042
672	BM48	X	-328.535	-331.126	8.042	10.052
673	BM48	X	-331.126	-331.869	10.052	12.063
674	BM48	X	-331.869	-330.086	12.063	14.073
675	BM48	X	-330.086	-327.753	14.073	16.084
676	BM48	X	-327.753	-326.075	16.084	18.094
677	BM48	X	-326.075	-324.986	18.094	20.104
678	BM48	X	-324.986	-324.591	20.104	22.115
679	BM48	X	-324.591	-324.564	22.115	24.125
680	BM48	X	-324.564	-324.564	24.125	26.136
681	BM48	X	-324.564	-324.564	26.136	28.146
682	BM48	X	-324.564	-324.564	28.146	30.157
683	BM48	X	-324.564	-324.564	30.157	32.167
684	EDGE10	X	-219.974	-219.974	0	2.085
685	EDGE10	X	-219.974	-219.974	2.085	4.17
686	EDGE10	X	-219.974	-274.824	4.17	6.255
687	EDGE10	X	-274.824	-274.824	6.255	8.341
688	EDGE10	X	-274.824	-219.974	8.341	10.426
689	EDGE10	X	-219.974	-219.974	10.426	12.511
690	EDGE10	X	-219.974	-219.974	12.511	14.596
691	EDGE10	X	-219.974	-219.974	14.596	16.681
692	EDGE10	X	-219.974	-261.057	16.681	18.766
693	EDGE10	X	-261.057	-274.824	18.766	20.851
694	EDGE10	X	-274.824	-233.74	20.851	22.937
695	EDGE10	X	-233.74	-206.207	22.937	25.022
696	EDGE17	X	-108.024	-119.399	0	2.127
697	EDGE17	X	-119.399	-122.129	2.127	4.254
698	EDGE17	X	-122.129	-114.009	4.254	6.381
699	EDGE17	X	-114.009	-108.139	6.381	8.507
700	EDGE17	X	-108.139	-106.955	8.507	10.634
701	EDGE17	X	-106.955	-106.285	10.634	12.761
702	EDGE17	X	-106.285	-119.374	12.761	14.888
703	EDGE17	X	-119.374	-132.552	14.888	17.015
704	EDGE17	X	-132.552	-119.271	17.015	19.142
705	EDGE17	X	-119.271	-106.093	19.142	21.269
706	EDGE17	X	-106.093	-106.093	21.269	23.395
707	EDGE29	X	-219.974	-219.974	0	2.085
708	EDGE29	X	-219.974	-219.974	2.085	4.17
709	EDGE29	X	-219.974	-274.824	4.17	6.255
710	EDGE29	X	-274.824	-274.824	6.255	8.341
711	EDGE29	X	-274.824	-219.974	8.341	10.426
712	EDGE29	X	-219.974	-219.974	10.426	12.511
713	EDGE29	X	-219.974	-219.974	12.511	14.596
714	EDGE29	X	-219.974	-219.974	14.596	16.681
715	EDGE29	X	-219.974	-261.057	16.681	18.766
716	EDGE29	X	-261.057	-274.824	18.766	20.851
717	EDGE29	X	-274.824	-233.74	20.851	22.937
718	EDGE29	X	-233.74	-206.207	22.937	25.022
719	EDGE30	X	-239.719	-247.382	0	2.127
720	EDGE30	X	-247.382	-250.475	2.127	4.254
721	EDGE30	X	-250.475	-235.426	4.254	6.381
722	EDGE30	X	-235.426	-220.498	6.381	8.507
723	EDGE30	X	-220.498	-219.347	8.507	10.634
724	EDGE30	X	-219.347	-218.707	10.634	12.761
725	EDGE30	X	-218.707	-250.555	12.761	14.888
726	EDGE30	X	-250.555	-273.205	14.888	17.015
727	EDGE30	X	-273.205	-241.249	17.015	19.142
728	EDGE30	X	-241.249	-218.599	19.142	21.269
729	EDGE30	X	-218.599	-218.599	21.269	23.395
730	EDGE31	X	-219.373	-219.373	0	2.085

Member Distributed Loads (BLC 43 : BLC 8 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
731	EDGE31	X	-219.373	-219.373	2.085	4.17
732	EDGE31	X	-219.373	-242.195	4.17	6.255
733	EDGE31	X	-242.195	-265.881	6.255	8.341
734	EDGE31	X	-265.881	-254.072	8.341	10.426
735	EDGE31	X	-254.072	-233.216	10.426	12.511
736	EDGE31	X	-233.216	-226.612	12.511	14.596
737	EDGE31	X	-226.612	-229.655	14.596	16.681
738	EDGE31	X	-229.655	-249.406	16.681	18.766
739	EDGE31	X	-249.406	-242.968	18.766	20.851
740	EDGE31	X	-242.968	-218.911	20.851	22.937
741	EDGE31	X	-218.911	-220.242	22.937	25.022
742	EDGE32	X	-106.645	-106.645	0	2.085
743	EDGE32	X	-106.645	-106.645	2.085	4.17
744	EDGE32	X	-106.645	-133.222	4.17	6.255
745	EDGE32	X	-133.222	-133.222	6.255	8.341
746	EDGE32	X	-133.222	-106.645	8.341	10.426
747	EDGE32	X	-106.645	-106.645	10.426	12.511
748	EDGE32	X	-106.645	-106.645	12.511	14.596
749	EDGE32	X	-106.645	-106.645	14.596	16.681
750	EDGE32	X	-106.645	-124.36	16.681	18.766
751	EDGE32	X	-124.36	-133.824	18.766	20.851
752	EDGE32	X	-133.824	-117.462	20.851	22.937
753	EDGE32	X	-117.462	-101.238	22.937	25.022
754	EDGE33	X	-109.957	-113.181	0	2.085
755	EDGE33	X	-113.181	-110.109	2.085	4.17
756	EDGE33	X	-110.109	-112.771	4.17	6.255
757	EDGE33	X	-112.771	-118.373	6.255	8.341
758	EDGE33	X	-118.373	-115.111	8.341	10.426
759	EDGE33	X	-115.111	-112.133	10.426	12.511
760	EDGE33	X	-112.133	-109.683	12.511	14.596
761	EDGE33	X	-109.683	-108.123	14.596	16.681
762	EDGE33	X	-108.123	-116.4	16.681	18.766
763	EDGE33	X	-116.4	-121.462	18.766	20.851
764	EDGE33	X	-121.462	-113.648	20.851	22.937
765	EDGE33	X	-113.648	-105.589	22.937	25.022
766	EDGE43	X	-218.822	-218.822	0	2.127
767	EDGE43	X	-218.822	-236.93	2.127	4.254
768	EDGE43	X	-236.93	-273.428	4.254	6.381
769	EDGE43	X	-273.428	-255.32	6.381	8.507
770	EDGE43	X	-255.32	-218.912	8.507	10.634
771	EDGE43	X	-218.912	-219.447	10.634	12.761
772	EDGE43	X	-219.447	-220.433	12.761	14.888
773	EDGE43	X	-220.433	-239.796	14.888	17.015
774	EDGE43	X	-239.796	-254.709	17.015	19.142
775	EDGE43	X	-254.709	-242.073	19.142	21.269
776	EDGE43	X	-242.073	-224.618	21.269	23.395
777	EDGE44	X	-219.291	-219.291	0	2.085
778	EDGE44	X	-219.291	-219.291	2.085	4.17
779	EDGE44	X	-219.291	-242.076	4.17	6.255
780	EDGE44	X	-242.076	-265.375	6.255	8.341
781	EDGE44	X	-265.375	-254.243	8.341	10.426
782	EDGE44	X	-254.243	-236.075	10.426	12.511
783	EDGE44	X	-236.075	-232.616	12.511	14.596
784	EDGE44	X	-232.616	-239.438	14.596	16.681
785	EDGE44	X	-239.438	-231.006	16.681	18.766
786	EDGE44	X	-231.006	-222.763	18.766	20.851
787	EDGE44	X	-222.763	-229.325	20.851	22.937
788	EDGE44	X	-229.325	-234.557	22.937	25.022
789	EDGE45	X	-106.089	-106.089	0	2.127
790	EDGE45	X	-106.089	-119.268	2.127	4.254
791	EDGE45	X	-119.268	-132.548	4.254	6.381
792	EDGE45	X	-132.548	-119.37	6.381	8.507
793	EDGE45	X	-119.37	-106.23	8.507	10.634
794	EDGE45	X	-106.23	-106.906	10.634	12.761
795	EDGE45	X	-106.906	-108.181	12.761	14.888
796	EDGE45	X	-108.181	-113.963	14.888	17.015
797	EDGE45	X	-113.963	-122.037	17.015	19.142
798	EDGE45	X	-122.037	-119.467	19.142	21.269

Member Distributed Loads (BLC 43 : BLC 8 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
799	EDGE45	X	-119.467	-108.258	21.269	23.395
800	EDGE46	X	-106.678	-106.678	0	2.085
801	EDGE46	X	-106.678	-106.678	2.085	4.17
802	EDGE46	X	-106.678	-133.255	4.17	6.255
803	EDGE46	X	-133.255	-133.255	6.255	8.341
804	EDGE46	X	-133.255	-106.678	8.341	10.426
805	EDGE46	X	-106.678	-106.678	10.426	12.511
806	EDGE46	X	-106.678	-106.678	12.511	14.596
807	EDGE46	X	-106.678	-106.678	14.596	16.681
808	EDGE46	X	-106.678	-124.365	16.681	18.766
809	EDGE46	X	-124.365	-133.255	18.766	20.851
810	EDGE46	X	-133.255	-115.568	20.851	22.937
811	EDGE46	X	-115.568	-97.788	22.937	25.022
812	EDGE47	X	-106.476	-106.476	0	2.085
813	EDGE47	X	-106.476	-106.476	2.085	4.17
814	EDGE47	X	-106.476	-119.729	4.17	6.255
815	EDGE47	X	-119.729	-128.604	6.255	8.341
816	EDGE47	X	-128.604	-119.851	8.341	10.426
817	EDGE47	X	-119.851	-111.077	10.426	12.511
818	EDGE47	X	-111.077	-106.682	12.511	14.596
819	EDGE47	X	-106.682	-106.801	14.596	16.681
820	EDGE47	X	-106.801	-116.038	16.681	18.766
821	EDGE47	X	-116.038	-121.421	18.766	20.851
822	EDGE47	X	-121.421	-113.641	20.851	22.937
823	EDGE47	X	-113.641	-105.561	22.937	25.022
824	M673	X	-487.5	-487.5	2.987e-12	27.515
825	M674	X	-452.627	-452.627	0	2.117
826	M674	X	-452.627	-452.627	2.117	4.233
827	M674	X	-452.627	-565.796	4.233	6.35
828	M674	X	-565.796	-565.796	6.35	8.466
829	M674	X	-565.796	-452.627	8.466	10.583
830	M674	X	-452.627	-452.627	10.583	12.699
831	M674	X	-452.627	-452.627	12.699	14.816
832	M674	X	-452.627	-452.627	14.816	16.932
833	M674	X	-452.627	-565.796	16.932	19.049
834	M674	X	-565.796	-565.796	19.049	21.165
835	M674	X	-565.796	-453.183	21.165	23.282
836	M674	X	-453.183	-455.091	23.282	25.398
837	M674	X	-455.091	-457.796	25.398	27.515
838	M675	X	-301.614	-301.614	0	2.117
839	M675	X	-301.614	-301.614	2.117	4.233
840	M675	X	-301.614	-377.017	4.233	6.35
841	M675	X	-377.017	-377.017	6.35	8.466
842	M675	X	-377.017	-301.614	8.466	10.583
843	M675	X	-301.614	-301.614	10.583	12.699
844	M675	X	-301.614	-301.614	12.699	14.816
845	M675	X	-301.614	-301.614	14.816	16.932
846	M675	X	-301.614	-377.017	16.932	19.049
847	M675	X	-377.017	-377.017	19.049	21.165
848	M675	X	-377.017	-301.614	21.165	23.282
849	M675	X	-301.614	-301.614	23.282	25.398
850	M675	X	-301.614	-301.614	25.398	27.515
851	M676	X	-301.588	-301.588	0	2.117
852	M676	X	-301.588	-323.617	2.117	4.233
853	M676	X	-323.617	-376.991	4.233	6.35
854	M676	X	-376.991	-354.962	6.35	8.466
855	M676	X	-354.962	-301.588	8.466	10.583
856	M676	X	-301.588	-301.588	10.583	12.699
857	M676	X	-301.588	-305.978	12.699	14.816
858	M676	X	-305.978	-319.196	14.816	16.932
859	M676	X	-319.196	-372.601	16.932	19.049
860	M676	X	-372.601	-359.397	19.049	21.165
861	M676	X	-359.397	-301.964	21.165	23.282
862	M676	X	-301.964	-302.994	23.282	25.398
863	M676	X	-394.81	-396.17	25.398	27.515
864	M677	X	-487.5	-487.5	2.979e-12	27.515
865	M684	X	-452.627	-452.627	0	2.117
866	M684	X	-452.627	-452.627	2.117	4.233

Member Distributed Loads (BLC 43 : BLC 8 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
867	M684	X	-452.627	-565.796	4.233	6.35
868	M684	X	-565.796	-565.796	6.35	8.466
869	M684	X	-565.796	-452.627	8.466	10.583
870	M684	X	-452.627	-452.627	10.583	12.699
871	M684	X	-452.627	-452.627	12.699	14.816
872	M684	X	-452.627	-452.627	14.816	16.932
873	M684	X	-452.627	-565.796	16.932	19.049
874	M684	X	-565.796	-565.796	19.049	21.165
875	M684	X	-565.796	-453.183	21.165	23.282
876	M684	X	-453.183	-455.091	23.282	25.398
877	M684	X	-761.144	-763.849	25.398	27.515
878	M685	X	-487.5	-487.5	2.986e-12	27.515
879	M686	X	-452.627	-452.627	0	2.117
880	M686	X	-452.627	-452.627	2.117	4.233
881	M686	X	-452.627	-565.796	4.233	6.35
882	M686	X	-565.796	-565.796	6.35	8.466
883	M686	X	-565.796	-452.627	8.466	10.583
884	M686	X	-452.627	-452.627	10.583	12.699
885	M686	X	-452.627	-452.627	12.699	14.816
886	M686	X	-452.627	-452.627	14.816	16.932
887	M686	X	-452.627	-565.796	16.932	19.049
888	M686	X	-565.796	-565.796	19.049	21.165
889	M686	X	-565.796	-453.183	21.165	23.282
890	M686	X	-453.183	-455.091	23.282	25.398
891	M686	X	-516.302	-519.006	25.398	27.515
892	M687	X	-444.755	-444.755	0	2.117
893	M687	X	-444.755	-444.755	2.117	4.233
894	M687	X	-444.755	-555.944	4.233	6.35
895	M687	X	-555.944	-555.944	6.35	8.466
896	M687	X	-555.944	-444.755	8.466	10.583
897	M687	X	-444.755	-444.755	10.583	12.699
898	M687	X	-444.755	-444.755	12.699	14.816
899	M687	X	-444.755	-444.755	14.816	16.932
900	M687	X	-444.755	-555.944	16.932	19.049
901	M687	X	-555.944	-555.944	19.049	21.165
902	M687	X	-555.944	-444.755	21.165	23.282
903	M687	X	-444.755	-444.755	23.282	25.398
904	M687	X	-444.755	-444.755	25.398	27.515
905	M688	X	-444.687	-444.687	0	2.117
906	M688	X	-444.687	-490.151	2.117	4.233
907	M688	X	-490.151	-555.876	4.233	6.35
908	M688	X	-555.876	-510.412	6.35	8.466
909	M688	X	-510.412	-444.687	8.466	10.583
910	M688	X	-444.687	-444.687	10.583	12.699
911	M688	X	-444.687	-453.749	12.699	14.816
912	M688	X	-453.749	-481.027	14.816	16.932
913	M688	X	-481.027	-546.828	16.932	19.049
914	M688	X	-546.828	-520.119	19.049	21.165
915	M688	X	-520.119	-447.296	21.165	23.282
916	M688	X	-447.296	-450.528	23.282	25.398
917	M688	X	-695.371	-698.895	25.398	27.515
918	M689	X	-487.5	-487.5	2.939e-12	27.515
919	M690	X	-452.627	-452.627	0	2.117
920	M690	X	-452.627	-452.627	2.117	4.233
921	M690	X	-452.627	-565.796	4.233	6.35
922	M690	X	-565.796	-565.796	6.35	8.466
923	M690	X	-565.796	-452.627	8.466	10.583
924	M690	X	-452.627	-452.627	10.583	12.699
925	M690	X	-452.627	-452.627	12.699	14.816
926	M690	X	-452.627	-452.627	14.816	16.932
927	M690	X	-452.627	-565.796	16.932	19.049
928	M690	X	-565.796	-565.796	19.049	21.165
929	M690	X	-565.796	-453.183	21.165	23.282
930	M690	X	-453.183	-455.091	23.282	25.398
931	M690	X	-669.328	-672.033	25.398	27.515
932	M691	X	-487.5	-487.5	2.771e-12	27.515
933	M692	X	-452.627	-452.627	0	2.117
934	M692	X	-452.627	-452.627	2.117	4.233

Member Distributed Loads (BLC 43 : BLC 8 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
935	M692	X	-452.627	-565.796	4.233	6.35
936	M692	X	-565.796	-565.796	6.35	8.466
937	M692	X	-565.796	-452.627	8.466	10.583
938	M692	X	-452.627	-452.627	10.583	12.699
939	M692	X	-452.627	-452.627	12.699	14.816
940	M692	X	-452.627	-452.627	14.816	16.932
941	M692	X	-452.627	-565.796	16.932	19.049
942	M692	X	-565.796	-565.796	19.049	21.165
943	M692	X	-565.796	-453.183	21.165	23.282
944	M692	X	-453.183	-455.091	23.282	25.398
945	M692	X	-546.907	-549.612	25.398	27.515
946	M693	X	-487.5	-487.5	3.179e-12	27.515
947	M694	X	-452.627	-452.627	0	2.117
948	M694	X	-452.627	-452.627	2.117	4.233
949	M694	X	-452.627	-565.796	4.233	6.35
950	M694	X	-565.796	-565.796	6.35	8.466
951	M694	X	-565.796	-452.627	8.466	10.583
952	M694	X	-452.627	-452.627	10.583	12.699
953	M694	X	-452.627	-452.627	12.699	14.816
954	M694	X	-452.627	-452.627	14.816	16.932
955	M694	X	-452.627	-565.796	16.932	19.049
956	M694	X	-565.796	-565.796	19.049	21.165
957	M694	X	-565.796	-453.183	21.165	23.282
958	M694	X	-453.183	-455.091	23.282	25.398
959	M694	X	-455.091	-457.796	25.398	27.515
960	M695	X	-454.594	-454.594	3.059e-12	27.515
961	M696	X	-422.077	-422.077	0	2.117
962	M696	X	-422.077	-422.077	2.117	4.233
963	M696	X	-422.077	-527.607	4.233	6.35
964	M696	X	-527.607	-527.607	6.35	8.466
965	M696	X	-527.607	-422.077	8.466	10.583
966	M696	X	-422.077	-422.077	10.583	12.699
967	M696	X	-422.077	-422.077	12.699	14.816
968	M696	X	-422.077	-422.077	14.816	16.932
969	M696	X	-422.077	-527.607	16.932	19.049
970	M696	X	-527.607	-527.607	19.049	21.165
971	M696	X	-527.607	-422.615	21.165	23.282
972	M696	X	-422.615	-424.349	23.282	25.398
973	M696	X	-638.586	-640.978	25.398	27.515
974	DIAPH227	X	-283.969	-283.969	0	8.257
975	EDGE12	X	-260.813	-260.813	0	8.257
976	EDGE43	X	-23.156	-23.156	0	8.257
977	BM16	X	-378.797	-378.617	0	2.082
978	BM16	X	-378.617	-378.117	2.082	4.164
979	BM16	X	-378.117	-372.789	4.164	6.246
980	BM16	X	-372.789	-371.428	6.246	8.329
981	BM16	X	-371.428	-371.967	8.329	10.411
982	BM16	X	-371.967	-366.547	10.411	12.493
983	BM16	X	-366.547	-366.503	12.493	14.575
984	BM16	X	-366.503	-372.486	14.575	16.657
985	BM16	X	-372.486	-375.761	16.657	18.739
986	BM16	X	-375.761	-370.888	18.739	20.822
987	BM16	X	-370.888	-375.675	20.822	22.904
988	BM16	X	-375.675	-385.025	22.904	24.986
989	BM16	X	-385.025	-385.096	24.986	27.068
990	BM16	X	-385.096	-385.15	27.068	29.15
991	BM17	X	-282.528	-282.609	0	2.082
992	BM17	X	-282.609	-282.705	2.082	4.164
993	BM17	X	-282.705	-339.358	4.164	6.246
994	BM17	X	-339.358	-343.112	6.246	8.329
995	BM17	X	-343.112	-284.638	8.329	10.411
996	BM17	X	-284.638	-280.259	10.411	12.493
997	BM17	X	-280.259	-283.937	12.493	14.575
998	BM17	X	-283.937	-287.409	14.575	16.657
999	BM17	X	-287.409	-296.103	16.657	18.739
1000	BM17	X	-296.103	-340.432	18.739	20.822
1001	BM17	X	-340.432	-330.254	20.822	22.904
1002	BM17	X	-330.254	-283.425	22.904	24.986

Member Distributed Loads (BLC 43 : BLC 8 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1003	BM17	X	-283.425	-283.394	24.986	27.068
1004	BM17	X	-283.394	-283.27	27.068	29.15
1005	BM35	X	-384.448	-384.226	0	2.082
1006	BM35	X	-384.226	-383.677	2.082	4.164
1007	BM35	X	-383.677	-374.757	4.164	6.246
1008	BM35	X	-374.757	-365.839	6.246	8.329
1009	BM35	X	-365.839	-365.23	8.329	10.411
1010	BM35	X	-365.23	-365.012	10.411	12.493
1011	BM35	X	-365.012	-364.777	12.493	14.575
1012	BM35	X	-364.777	-364.469	14.575	16.657
1013	BM35	X	-364.469	-364.802	16.657	18.739
1014	BM35	X	-364.802	-366.4	18.739	20.822
1015	BM35	X	-366.4	-378.691	20.822	22.904
1016	BM35	X	-378.691	-390.897	22.904	24.986
1017	BM35	X	-390.897	-392.383	24.986	27.068
1018	BM35	X	-392.383	-393.232	27.068	29.15
1019	BM36	X	-384.501	-384.292	0	2.082
1020	BM36	X	-384.292	-383.761	2.082	4.164
1021	BM36	X	-383.761	-374.784	4.164	6.246
1022	BM36	X	-374.784	-365.766	6.246	8.329
1023	BM36	X	-365.766	-365.145	8.329	10.411
1024	BM36	X	-365.145	-364.964	10.411	12.493
1025	BM36	X	-364.964	-364.761	12.493	14.575
1026	BM36	X	-364.761	-364.49	14.575	16.657
1027	BM36	X	-364.49	-364.86	16.657	18.739
1028	BM36	X	-364.86	-366.363	18.739	20.822
1029	BM36	X	-366.363	-378.601	20.822	22.904
1030	BM36	X	-378.601	-390.893	22.904	24.986
1031	BM36	X	-390.893	-392.422	24.986	27.068
1032	BM36	X	-392.422	-393.294	27.068	29.15
1033	BM37	X	-372.041	-371.366	0	2.082
1034	BM37	X	-371.366	-370.238	2.082	4.164
1035	BM37	X	-370.238	-360.614	4.164	6.246
1036	BM37	X	-360.614	-351.004	6.246	8.329
1037	BM37	X	-351.004	-349.591	8.329	10.411
1038	BM37	X	-349.591	-355.176	10.411	12.493
1039	BM37	X	-355.176	-364.035	12.493	14.575
1040	BM37	X	-364.035	-362.498	14.575	16.657
1041	BM37	X	-362.498	-357.389	16.657	18.739
1042	BM37	X	-357.389	-347.901	18.739	20.822
1043	BM37	X	-347.901	-363.192	20.822	22.904
1044	BM37	X	-363.192	-389.842	22.904	24.986
1045	BM37	X	-389.842	-377.264	24.986	27.068
1046	BM37	X	-377.264	-346.497	27.068	29.15
1047	EDGE18	X	-166.399	-166.42	0	2.082
1048	EDGE18	X	-166.42	-166.416	2.082	4.164
1049	EDGE18	X	-166.416	-176.629	4.164	6.246
1050	EDGE18	X	-176.629	-190.371	6.246	8.329
1051	EDGE18	X	-190.371	-193.443	8.329	10.411
1052	EDGE18	X	-193.443	-181.89	10.411	12.493
1053	EDGE18	X	-181.89	-166.672	12.493	14.575
1054	EDGE18	X	-166.672	-162.077	14.575	16.657
1055	EDGE18	X	-162.077	-161.457	16.657	18.739
1056	EDGE18	X	-161.457	-178.221	18.739	20.822
1057	EDGE18	X	-178.221	-201.485	20.822	22.904
1058	EDGE18	X	-201.485	-184.463	22.904	24.986
1059	EDGE18	X	-184.463	-161.08	24.986	27.068
1060	EDGE18	X	-161.08	-161.1	27.068	29.15
1061	EDGE34	X	-111.748	-111.885	0	2.059
1062	EDGE34	X	-111.885	-112.432	2.059	4.119
1063	EDGE34	X	-112.432	-113.787	4.119	6.178
1064	EDGE34	X	-113.787	-116.785	6.178	8.238
1065	EDGE34	X	-116.785	-122.572	8.238	10.297
1066	EDGE34	X	-122.572	-122.622	10.297	12.357
1067	EDGE34	X	-122.622	-116.98	12.357	14.416
1068	EDGE34	X	-116.98	-114.195	14.416	16.476
1069	EDGE34	X	-114.195	-113.052	16.476	18.535
1070	EDGE34	X	-113.052	-112.748	18.535	20.595

Member Distributed Loads (BLC 43 : BLC 8 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1071	EDGE34	X	-112.748	-113.124	20.595	22.654
1072	EDGE34	X	-113.124	-114.062	22.654	24.714
1073	EDGE34	X	-114.062	-115.343	24.714	26.773
1074	EDGE49	X	-5.838e-15	-127.039	0	0.475
1075	EDGE49	X	-127.039	-127.039	0.475	0.951
1076	EDGE49	X	-127.039	-127.797	0.951	1.426
1077	EDGE49	X	-127.797	-127.797	1.426	1.902
1078	EDGE49	X	-127.797	-5.838e-15	1.902	2.377
1079	BM36	X	-105.791	-105.791	10.592	13.428
1080	BM35	X	-105	-105	12.261	20.351
1081	BM45	X	-198.233	-198.233	0.181	2.599
1082	BM48	X	-84.957	-84.957	0.181	2.599
1083	BM20	X	-84.957	-84.957	7.075	11.912
1084	BM40	X	-198.233	-198.233	7.075	11.912
1085	BM43	X	-226.552	-226.552	0.181	2.599
1086	BM46	X	-56.638	-56.638	0.181	2.599
1087	BM44	X	-283.19	-283.19	0.181	2.599
1088	BM24	X	-283.19	-283.19	7.075	11.912
1089	BM47	X	-10.789	-273.61	0	0.643
1090	BM47	X	-273.61	-261.024	0.643	1.287
1091	BM47	X	-261.024	-292.544	1.287	1.93
1092	BM47	X	-292.544	-251.183	1.93	2.573
1093	BM47	X	-251.183	-10.789	2.573	3.217
1094	M674	X	21.767	-35.874	24.763	25.313
1095	M674	X	-35.874	-277.153	25.313	25.864
1096	M674	X	-277.153	-265.217	25.864	26.414
1097	M674	X	-265.217	-287.315	26.414	26.964
1098	M674	X	-287.315	-722.661	26.964	27.515
1099	BM27	X	0	-116.37	5.503	7.154
1100	BM27	X	-116.37	-298.511	7.154	8.805
1101	BM27	X	-298.511	-298.516	8.805	10.456
1102	BM27	X	-298.516	-116.376	10.456	12.106
1103	BM27	X	-116.376	0	12.106	13.757
1104	BM18	X	-84.957	-84.957	0.181	2.599
1105	BM42	X	-198.233	-198.233	0.181	2.599
1106	BM25	X	-84.957	-84.957	7.075	11.912
1107	BM39	X	-198.233	-198.233	7.075	11.912
1108	BM38	X	-226.552	-226.552	7.075	11.912
1109	BM41	X	-56.638	-56.638	7.075	11.912
1110	BM22	X	-322.311	-325.107	0	1.072
1111	BM22	X	-325.107	-163.369	1.072	2.144
1112	BM22	X	-163.369	-0.233	2.144	3.217
1113	M694	X	0.274	-182.396	24.763	25.68
1114	M694	X	-182.396	-366.714	25.68	26.597
1115	M694	X	-366.714	-370.008	26.597	27.515
1116	BM21	X	-283.19	-283.19	7.075	11.912
1117	BM35	X	-111.993	-111.993	10.801	19.142
1118	BM36	X	-55.997	-55.997	10.801	19.142
1119	BM18	X	-168.039	-168.039	17.529	30.624
1120	M678	X	-16	-16	7.161e-15	13.333
1121	M680	X	-16	-16	7.383e-15	13.333
1122	CANOPY10	X	-16	-16	6.106e-16	13.333
1123	CANOPY13	X	-16	-16	1.432e-14	25
1124	CANOPY18	X	-16	-16	9.492e-15	7.667
1125	CANOPY21	X	-16	-16	9.603e-15	13.333
1126	CANOPY28	X	-16	-16	1.221e-15	25
1127	CANOPY32	X	-16	-16	1.432e-14	25
1128	CANOPY33	X	-16	-16	1.221e-15	25
1129	CANOPY34	X	-16	-16	1.005e-14	7.667
1130	SCREEN13	X	-6.25	-6.25	8.882e-16	16
1131	SCREEN21	X	-6.25	-6.25	1.11e-15	16
1132	SCREEN11	X	-6.25	-6.25	2.776e-16	3.5
1133	SCREEN12	X	-6.25	-6.25	3.764e-14	15
1134	SCREEN15	X	-6.25	-6.25	9.77e-15	15
1135	SCREEN23	X	-6.25	-6.25	1.776e-14	25
1136	SCREEN24	X	-6.25	-6.25	2.22e-16	3.5
1137	SCREEN25	X	-6.25	-6.25	1.954e-14	25
1138	SCREEN10	X	-6.25	-6.25	8.882e-16	16

Member Distributed Loads (BLC 43 : BLC 8 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1139	SCREEN22	X	-6.25	-6.25	8.882e-16	16
1140	M698	X	-16	-16	0	4.25
1141	M699	X	-16	-16	3.331e-16	4.25
1142	M712	X	-16	-16	1.432e-14	25
1143	M713	X	-16	-16	1.51e-14	25
1144	M702	X	-16	-16	0	25
1145	M703	X	-16	-16	3.331e-16	25
1146	M710	X	-16	-16	1.898e-14	25
1147	M711	X	-16	-16	1.898e-14	25
1148	M706	X	-16	-16	1.221e-15	25
1149	M707	X	-16	-16	1.221e-15	25
1150	COL16	X	-31.106	-30.916	0	2.111
1151	COL16	X	-30.916	-30.692	2.111	4.222
1152	COL16	X	-30.692	-30.401	4.222	6.333
1153	COL16	X	-30.401	-30.162	6.333	8.445
1154	COL16	X	-30.162	-32.505	8.445	10.556
1155	COL16	X	-32.505	-37.342	10.556	12.667
1156	COL18	X	-45.334	-45.52	0	2.111
1157	COL18	X	-45.52	-49.65	2.111	4.222
1158	COL18	X	-49.65	-50.224	4.222	6.333
1159	COL18	X	-50.224	-46.424	6.333	8.445
1160	COL18	X	-46.424	-47.759	8.445	10.556
1161	COL18	X	-47.759	-51.102	10.556	12.667
1162	COL39	X	-28.349	-28.195	0	2.111
1163	COL39	X	-28.195	-30.065	2.111	4.222
1164	COL39	X	-30.065	-30.599	4.222	6.333
1165	COL39	X	-30.599	-28.518	6.333	8.445
1166	COL39	X	-28.518	-28.985	8.445	10.556
1167	COL39	X	-28.985	-31.255	10.556	12.667
1168	COL50	X	-32.772	-32.672	0	2.111
1169	COL50	X	-32.672	-32.511	2.111	4.222
1170	COL50	X	-32.511	-33.832	4.222	6.333
1171	COL50	X	-33.832	-34.431	6.333	8.445
1172	COL50	X	-34.431	-34.097	8.445	10.556
1173	COL50	X	-34.097	-35.096	10.556	12.667
1174	COL51	X	-58.834	-59.112	0	2.111
1175	COL51	X	-59.112	-63.901	2.111	4.222
1176	COL51	X	-63.901	-66.268	4.222	6.333
1177	COL51	X	-66.268	-63.533	6.333	8.445
1178	COL51	X	-63.533	-62.556	8.445	10.556
1179	COL51	X	-62.556	-61.504	10.556	12.667
1180	COL52	X	-39.654	-39.641	0	2.111
1181	COL52	X	-39.641	-40.176	2.111	4.222
1182	COL52	X	-40.176	-41.815	4.222	6.333
1183	COL52	X	-41.815	-42.802	6.333	8.445
1184	COL52	X	-42.802	-41.995	8.445	10.556
1185	COL52	X	-41.995	-40.602	10.556	12.667
1186	COL53	X	-54.944	-54.946	0	2.111
1187	COL53	X	-54.946	-55.476	2.111	4.222
1188	COL53	X	-55.476	-57.831	4.222	6.333
1189	COL53	X	-57.831	-57.579	6.333	8.445
1190	COL53	X	-57.579	-56	8.445	10.556
1191	COL53	X	-56	-56.998	10.556	12.667
1192	COL65	X	-12.748	-21.082	0	2.208
1193	COL65	X	-21.082	-21.064	2.208	4.417
1194	COL65	X	-21.064	-16.856	4.417	6.625
1195	COL65	X	-16.856	-16.815	6.625	8.833
1196	COL65	X	-16.815	-20.942	8.833	11.042
1197	COL65	X	-20.942	-20.987	11.042	13.25
1198	COL65	X	-20.987	-16.914	13.25	15.458
1199	COL65	X	-16.914	-8.586	15.458	17.667
1200	COL65	X	-8.586	-0.232	17.667	19.875
1201	COL71	X	-31.159	-30.934	0	2.111
1202	COL71	X	-30.934	-30.647	2.111	4.222
1203	COL71	X	-30.647	-30.181	4.222	6.333
1204	COL71	X	-30.181	-29.572	6.333	8.445
1205	COL71	X	-29.572	-31.194	8.445	10.556
1206	COL71	X	-31.194	-35.073	10.556	12.667

Member Distributed Loads (BLC 43 : BLC 8 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1207	PARAPET1	X	-67.575	-61.393	0	0.967
1208	PARAPET1	X	-61.393	-57.056	0.967	1.933
1209	PARAPET1	X	-57.056	-61.368	1.933	2.9
1210	PARAPET1	X	-61.368	-67.084	2.9	3.866
1211	PARAPET1	X	-67.084	-67.4	3.866	4.833
1212	PARAPET2	X	-75.71	-64.187	0	0.967
1213	PARAPET2	X	-64.187	-54.47	0.967	1.933
1214	PARAPET2	X	-54.47	-56.693	1.933	2.9
1215	PARAPET2	X	-56.693	-65.267	2.9	3.866
1216	PARAPET2	X	-65.267	-70.057	3.866	4.833
1217	PARAPET3	X	-65.519	-61.669	0	0.967
1218	PARAPET3	X	-61.669	-46.765	0.967	1.933
1219	PARAPET3	X	-46.765	-50.868	1.933	2.9
1220	PARAPET3	X	-50.868	-68.023	2.9	3.866
1221	PARAPET3	X	-68.023	-68.168	3.866	4.833
1222	PARAPET4	X	-64.621	-53.718	0	0.967
1223	PARAPET4	X	-53.718	-52.294	0.967	1.933
1224	PARAPET4	X	-52.294	-65.418	1.933	2.9
1225	PARAPET4	X	-65.418	-74.579	2.9	3.866
1226	PARAPET4	X	-74.579	-74.707	3.866	4.833
1227	PARAPET5	X	-62.699	-49.59	0	0.967
1228	PARAPET5	X	-49.59	-41.765	0.967	1.933
1229	PARAPET5	X	-41.765	-45.893	1.933	2.9
1230	PARAPET5	X	-45.893	-53.614	2.9	3.866
1231	PARAPET5	X	-53.614	-58.261	3.866	4.833
1232	PARAPET6	X	-64.923	-60.951	0	0.967
1233	PARAPET6	X	-60.951	-56.25	0.967	1.933
1234	PARAPET6	X	-56.25	-60.5	1.933	2.9
1235	PARAPET6	X	-60.5	-67.451	2.9	3.866
1236	PARAPET6	X	-67.451	-67.425	3.866	4.833
1237	M682	X	-31.159	-30.934	0	2.111
1238	M682	X	-30.934	-30.647	2.111	4.222
1239	M682	X	-30.647	-30.181	4.222	6.333
1240	M682	X	-30.181	-29.572	6.333	8.445
1241	M682	X	-29.572	-31.194	8.445	10.556
1242	M682	X	-31.194	-35.073	10.556	12.667
1243	COL11	X	-62.502	-62.502	0.003	33.989
1244	COL13	X	-42.617	-42.617	0	2.048
1245	COL13	X	-42.617	-42.617	2.048	4.097
1246	COL13	X	-42.617	-42.617	4.097	6.145
1247	COL13	X	-42.617	-42.617	6.145	8.194
1248	COL13	X	-42.617	-42.617	8.194	10.242
1249	COL13	X	-42.617	-42.617	10.242	12.29
1250	COL13	X	-42.617	-45.57	12.29	14.339
1251	COL13	X	-45.57	-53.271	14.339	16.387
1252	COL13	X	-53.271	-50.318	16.387	18.435
1253	COL13	X	-50.318	-42.617	18.435	20.484
1254	COL13	X	-42.617	-42.617	20.484	22.532
1255	COL13	X	-42.617	-42.617	22.532	24.581
1256	COL13	X	-42.617	-42.617	24.581	26.629
1257	COL13	X	-42.617	-42.621	26.629	28.677
1258	COL13	X	-42.621	-42.65	28.677	30.726
1259	COL13	X	-42.65	-42.7	30.726	32.774
1260	COL13	X	-42.7	-42.73	32.774	34.823
1261	COL13	X	-42.73	-42.734	34.823	36.871
1262	COL13	X	-42.734	-42.727	36.871	38.919
1263	COL13	X	-42.727	-42.715	38.919	40.968
1264	COL13	X	-42.715	-42.689	40.968	43.016
1265	COL13	X	-42.689	-42.58	43.016	45.065
1266	COL13	X	-42.58	-45.314	45.065	47.113
1267	COL13	X	-45.314	-50.285	47.113	49.161
1268	COL13	X	-50.285	-49.389	49.161	51.21
1269	COL13	X	-49.389	-44	51.21	53.258
1270	COL13	X	-44	-41.588	53.258	55.306
1271	COL13	X	-41.588	-41.514	55.306	57.355
1272	COL13	X	-41.514	-41.598	57.355	59.403
1273	COL13	X	-41.598	-41.76	59.403	61.452
1274	COL13	X	-41.76	-41.897	61.452	63.5

Member Distributed Loads (BLC 43 : BLC 8 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1275	COL14	X	-60.409	-60.409	0	2
1276	COL14	X	-60.409	-60.409	2	4
1277	COL14	X	-60.409	-60.409	4	6
1278	COL14	X	-60.409	-60.409	6	8
1279	COL14	X	-60.409	-60.409	8	10
1280	COL14	X	-60.409	-60.409	10	12
1281	COL14	X	-60.409	-60.409	12	14
1282	COL14	X	-60.409	-60.409	14	16
1283	COL14	X	-60.409	-60.409	16	18
1284	COL14	X	-60.409	-60.409	18	20
1285	COL14	X	-60.409	-60.409	20	22
1286	COL14	X	-60.409	-60.409	22	24
1287	COL14	X	-60.409	-60.409	24	26
1288	COL14	X	-60.409	-60.415	26	28
1289	COL14	X	-60.415	-60.469	28	30
1290	COL14	X	-60.469	-60.619	30	32
1291	COL14	X	-60.619	-60.822	32	34
1292	COL26	X	-59.969	-60.075	0	2.029
1293	COL26	X	-60.075	-60.082	2.029	4.058
1294	COL26	X	-60.082	-59.936	4.058	6.088
1295	COL26	X	-59.936	-59.712	6.088	8.117
1296	COL26	X	-59.712	-60.083	8.117	10.146
1297	COL26	X	-60.083	-61.062	10.146	12.175
1298	COL26	X	-61.062	-61.424	12.175	14.205
1299	COL26	X	-61.424	-61.201	14.205	16.234
1300	COL26	X	-61.201	-61.014	16.234	18.263
1301	COL26	X	-61.014	-60.841	18.263	20.292
1302	COL26	X	-60.841	-60.672	20.292	22.321
1303	COL26	X	-60.672	-60.508	22.321	24.351
1304	COL30	X	-59.788	-60.003	0	2.037
1305	COL30	X	-60.003	-60.191	2.037	4.075
1306	COL30	X	-60.191	-60.357	4.075	6.112
1307	COL30	X	-60.357	-60.512	6.112	8.15
1308	COL30	X	-60.512	-60.594	8.15	10.187
1309	COL30	X	-60.594	-60.588	10.187	12.225
1310	COL30	X	-60.588	-60.564	12.225	14.262
1311	COL30	X	-60.564	-61.827	14.262	16.3
1312	COL30	X	-61.827	-61.949	16.3	18.337
1313	COL30	X	-61.949	-59.199	18.337	20.375
1314	COL30	X	-59.199	-59.118	20.375	22.412
1315	COL30	X	-59.118	-61.021	22.412	24.449
1316	COL30	X	-61.021	-61.755	24.449	26.487
1317	COL30	X	-61.755	-62.464	26.487	28.524
1318	COL35	X	-58.946	-58.938	0	2.116
1319	COL35	X	-58.938	-59.084	2.116	4.232
1320	COL35	X	-59.084	-69.548	4.232	6.349
1321	COL35	X	-69.548	-69.882	6.349	8.465
1322	COL35	X	-69.882	-60.137	8.465	10.581
1323	COL35	X	-60.137	-60.525	10.581	12.697
1324	COL35	X	-60.525	-60.872	12.697	14.813
1325	COL35	X	-60.872	-61.057	14.813	16.929
1326	COL35	X	-61.057	-62.789	16.929	19.046
1327	COL35	X	-62.789	-63.959	19.046	21.162
1328	COL35	X	-63.959	-62.811	21.162	23.278
1329	COL35	X	-62.811	-61.663	23.278	25.394
1330	COL37	X	-61.765	-62.565	0	2.034
1331	COL37	X	-62.565	-63.763	2.034	4.067
1332	COL37	X	-63.763	-64.076	4.067	6.101
1333	COL37	X	-64.076	-62.275	6.101	8.135
1334	COL37	X	-62.275	-60.567	8.135	10.168
1335	COL37	X	-60.567	-60.289	10.168	12.202
1336	COL37	X	-60.289	-60.698	12.202	14.236
1337	COL37	X	-60.698	-61.761	14.236	16.269
1338	COL37	X	-61.761	-62.634	16.269	18.303
1339	COL37	X	-62.634	-62.898	18.303	20.337
1340	COL37	X	-62.898	-63.393	20.337	22.37
1341	COL37	X	-63.393	-62.769	22.37	24.404
1342	COL37	X	-62.769	-60.843	24.404	26.438

Member Distributed Loads (BLC 43 : BLC 8 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1343	COL46	X	-58.676	-58.253	0	2.114
1344	COL46	X	-58.253	-57.793	2.114	4.228
1345	COL46	X	-57.793	-69.603	4.228	6.342
1346	COL46	X	-69.603	-72.92	6.342	8.456
1347	COL46	X	-72.92	-60.984	8.456	10.57
1348	COL46	X	-60.984	-57.521	10.57	12.684
1349	COL46	X	-57.521	-56.995	12.684	14.797
1350	COL46	X	-56.995	-57.693	14.797	16.911
1351	COL46	X	-57.693	-65.876	16.911	19.025
1352	COL46	X	-65.876	-68.274	19.025	21.139
1353	COL46	X	-68.274	-62.37	21.139	23.253
1354	COL46	X	-62.37	-60.748	23.253	25.367
1355	COL46	X	-60.748	-59.656	25.367	27.481
1356	COL60	X	-43.909	-43.909	0	2
1357	COL60	X	-43.909	-43.909	2	4
1358	COL60	X	-43.909	-43.909	4	6
1359	COL60	X	-43.909	-43.909	6	8
1360	COL60	X	-43.909	-43.909	8	10
1361	COL60	X	-43.909	-43.909	10	12
1362	COL60	X	-43.909	-43.909	12	14
1363	COL60	X	-43.909	-43.909	14	16
1364	COL60	X	-43.909	-43.909	16	18
1365	COL60	X	-43.909	-43.909	18	20
1366	COL60	X	-43.909	-43.909	20	22
1367	COL60	X	-43.909	-43.909	22	24
1368	COL60	X	-43.909	-43.909	24	26
1369	COL60	X	-43.909	-43.909	26	28
1370	COL60	X	-43.909	-43.871	28	30
1371	COL60	X	-43.871	-43.734	30	32
1372	COL60	X	-43.734	-43.535	32	34
1373	COL62	X	-60.466	-60.466	0	2
1374	COL62	X	-60.466	-60.466	2	4
1375	COL62	X	-60.466	-60.466	4	6
1376	COL62	X	-60.466	-60.466	6	8
1377	COL62	X	-60.466	-60.466	8	10
1378	COL62	X	-60.466	-60.466	10	12
1379	COL62	X	-60.466	-60.466	12	14
1380	COL62	X	-60.466	-60.466	14	16
1381	COL62	X	-60.466	-60.466	16	18
1382	COL62	X	-60.466	-60.466	18	20
1383	COL62	X	-60.466	-60.466	20	22
1384	COL62	X	-60.466	-60.466	22	24
1385	COL62	X	-60.466	-60.466	24	26
1386	COL62	X	-60.466	-60.466	26	28
1387	COL62	X	-60.466	-60.505	28	30
1388	COL62	X	-60.505	-60.635	30	32
1389	COL62	X	-60.635	-60.816	32	34
1390	COL63	X	-62.501	-62.501	0	2
1391	COL63	X	-62.501	-62.501	2	4
1392	COL63	X	-62.501	-62.501	4	6
1393	COL63	X	-62.501	-62.501	6	8
1394	COL63	X	-62.501	-62.501	8	10
1395	COL63	X	-62.501	-62.501	10	12
1396	COL63	X	-62.501	-62.501	12	14
1397	COL63	X	-62.501	-62.501	14	16
1398	COL63	X	-62.501	-62.501	16	18
1399	COL63	X	-62.501	-62.501	18	20
1400	COL63	X	-62.501	-62.501	20	22
1401	COL63	X	-62.501	-62.501	22	24
1402	COL63	X	-62.501	-62.501	24	26
1403	COL63	X	-62.501	-62.501	26	28
1404	COL63	X	-62.501	-62.502	28	30
1405	COL63	X	-62.502	-62.481	30	32
1406	COL63	X	-62.481	-62.435	32	34
1407	COL64	X	-62.518	-62.518	3.886e-15	34
1408	COL67	X	-40.927	-40.739	0	2.125
1409	COL67	X	-40.739	-46.215	2.125	4.25
1410	COL67	X	-46.215	-50.705	4.25	6.375

Member Distributed Loads (BLC 43 : BLC 8 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1411	COL67	X	-50.705	-45.099	6.375	8.5
1412	COL67	X	-45.099	-40.573	8.5	10.625
1413	COL67	X	-40.573	-40.573	10.625	12.75
1414	COL67	X	-40.573	-40.573	12.75	14.875
1415	COL67	X	-40.573	-46.179	14.875	17
1416	COL67	X	-46.179	-49.001	17	19.125
1417	COL67	X	-49.001	-45.099	19.125	21.25
1418	COL67	X	-45.099	-42.866	21.25	23.375
1419	EDGE32	X	-2.575	-2.575	0	1.85
1420	EDGE33	X	-4.383	-4.383	0	0.551
1421	EDGE46	X	-3.191	-3.191	23.518	25.022
1422	COL22	X	-0.363	-8.098	10.2	12.364
1423	COL22	X	-8.098	-28.75	12.364	14.527
1424	COL22	X	-28.75	-37.356	14.527	16.691
1425	COL22	X	-37.356	-33.106	16.691	18.855
1426	COL22	X	-33.106	-38.17	18.855	21.018
1427	COL22	X	-38.17	-38.583	21.018	23.182
1428	COL22	X	-38.583	-33.28	23.182	25.345
1429	COL22	X	-33.28	-32.577	25.345	27.509
1430	COL22	X	-32.577	-40.77	27.509	29.673
1431	COL22	X	-40.77	-40.966	29.673	31.836
1432	COL22	X	-40.966	-24.999	31.836	34
1433	COL29	X	-41.353	-41.562	0	2.128
1434	COL29	X	-41.562	-41.679	2.128	4.256
1435	COL29	X	-41.679	-40.508	4.256	6.383
1436	COL29	X	-40.508	-49.134	6.383	8.511
1437	COL29	X	-49.134	-49.134	8.511	10.639
1438	COL29	X	-49.134	-39.324	10.639	12.767
1439	COL29	X	-39.324	-39.324	12.767	14.895
1440	COL29	X	-39.324	-47.391	14.895	17.022
1441	COL29	X	-47.391	-49.134	17.022	19.15
1442	COL29	X	-49.134	-41.067	19.15	21.278
1443	COL29	X	-41.067	-37.581	21.278	23.406
1444	COL38	X	-34.188	-34.414	0	2.083
1445	COL38	X	-34.414	-34.584	2.083	4.165
1446	COL38	X	-34.584	-34.685	4.165	6.248
1447	COL38	X	-34.685	-34.736	6.248	8.33
1448	COL38	X	-34.736	-43.072	8.33	10.413
1449	COL38	X	-43.072	-42.364	10.413	12.495
1450	COL38	X	-42.364	-33.327	12.495	14.578
1451	COL38	X	-33.327	-33.327	14.578	16.66
1452	COL38	X	-33.327	-33.327	16.66	18.743
1453	COL38	X	-33.327	-33.327	18.743	20.825
1454	COL38	X	-33.327	-41.658	20.825	22.908
1455	COL38	X	-41.658	-41.658	22.908	24.991
1456	COL38	X	-41.658	-33.327	24.991	27.073
1457	COL38	X	-33.327	-33.327	27.073	29.156
1458	COL65	X	-2.4	-24.145	11.925	14.065
1459	COL65	X	-24.145	-37.826	14.065	16.206
1460	COL65	X	-37.826	-35.525	16.206	18.346
1461	COL65	X	-35.525	-30.43	18.346	20.487
1462	COL65	X	-30.43	-31.038	20.487	22.627
1463	COL65	X	-31.038	-38.015	22.627	24.767
1464	COL65	X	-38.015	-37.606	24.767	26.908
1465	COL65	X	-37.606	-30.904	26.908	29.048
1466	COL65	X	-42.554	-43.334	29.048	31.188
1467	COL65	X	-43.334	-43.358	31.188	33.329
1468	COL65	X	-43.358	-48.798	33.329	35.469
1469	COL65	X	-48.798	-47.281	35.469	37.61
1470	COL65	X	-47.281	-35.719	37.61	39.75
1471	EDGE34	X	-2.461	-2.461	22.643	26.541
1472	X_RIGID1	X	-2.969	-2.969	1.926e-14	17.156
1473	X_RIGID2	X	-2.977	-2.977	0	8.869
1474	X_RIGID3	X	-2.97	-2.97	4.996e-16	23.242
1475	COL20	X	-29.228	-29.228	13.886	33.979
1476	COL23	X	-61.643	-61.643	13.6	15.64
1477	COL23	X	-61.643	-61.643	15.64	17.68
1478	COL23	X	-61.643	-61.643	17.68	19.72

Member Distributed Loads (BLC 43 : BLC 8 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1479	COL23	X	-61.643	-61.643	19.72	21.76
1480	COL23	X	-61.643	-61.643	21.76	23.8
1481	COL23	X	-61.643	-61.643	23.8	25.84
1482	COL23	X	-61.643	-61.643	25.84	27.88
1483	COL23	X	-61.643	-61.623	27.88	29.92
1484	COL23	X	-61.623	-61.532	29.92	31.96
1485	COL23	X	-61.532	-61.389	31.96	34
1486	COL31	X	-61.506	-62.362	0	2.034
1487	COL31	X	-62.362	-63.457	2.034	4.067
1488	COL31	X	-63.457	-63.336	4.067	6.101
1489	COL31	X	-63.336	-62.276	6.101	8.135
1490	COL31	X	-62.276	-61.983	8.135	10.168
1491	COL31	X	-61.983	-61.315	10.168	12.202
1492	COL31	X	-61.315	-60.631	12.202	14.236
1493	COL31	X	-60.631	-61.499	14.236	16.269
1494	COL31	X	-61.499	-62.579	16.269	18.303
1495	COL31	X	-62.579	-62.928	18.303	20.337
1496	COL31	X	-62.928	-63.367	20.337	22.37
1497	COL31	X	-63.367	-63.309	22.37	24.404
1498	COL31	X	-63.309	-62.66	24.404	26.438
1499	COL33	X	-58.632	-58.232	0	2.114
1500	COL33	X	-58.232	-57.791	2.114	4.228
1501	COL33	X	-57.791	-68.416	4.228	6.342
1502	COL33	X	-68.416	-72.914	6.342	8.456
1503	COL33	X	-72.914	-62.166	8.456	10.57
1504	COL33	X	-62.166	-57.521	10.57	12.684
1505	COL33	X	-57.521	-56.996	12.684	14.797
1506	COL33	X	-56.996	-57.684	14.797	16.911
1507	COL33	X	-57.684	-65.829	16.911	19.025
1508	COL33	X	-65.829	-68.231	19.025	21.139
1509	COL33	X	-68.231	-62.38	21.139	23.253
1510	COL33	X	-62.38	-60.769	23.253	25.367
1511	COL33	X	-60.769	-59.663	25.367	27.481
1512	COL36	X	-60.132	-60.144	0	2.029
1513	COL36	X	-60.144	-60.093	2.029	4.058
1514	COL36	X	-60.093	-59.935	4.058	6.088
1515	COL36	X	-59.935	-59.712	6.088	8.117
1516	COL36	X	-59.712	-60.082	8.117	10.146
1517	COL36	X	-60.082	-61.06	10.146	12.175
1518	COL36	X	-61.06	-61.425	12.175	14.205
1519	COL36	X	-61.425	-61.204	14.205	16.234
1520	COL36	X	-61.204	-61.016	16.234	18.263
1521	COL36	X	-61.016	-60.84	18.263	20.292
1522	COL36	X	-60.84	-60.671	20.292	22.321
1523	COL36	X	-60.671	-60.508	22.321	24.351
1524	COL47	X	-49.77	-49.826	0	2.037
1525	COL47	X	-49.826	-49.902	2.037	4.075
1526	COL47	X	-49.902	-50.023	4.075	6.112
1527	COL47	X	-50.023	-50.168	6.112	8.15
1528	COL47	X	-50.168	-50.344	8.15	10.187
1529	COL47	X	-50.344	-50.589	10.187	12.225
1530	COL47	X	-50.589	-50.895	12.225	14.262
1531	COL47	X	-50.895	-50.761	14.262	16.3
1532	COL47	X	-50.761	-50.389	16.3	18.337
1533	COL47	X	-50.389	-49.79	18.337	20.375
1534	COL47	X	-49.79	-48.971	20.375	22.412
1535	COL47	X	-48.971	-49.129	22.412	24.449
1536	COL47	X	-49.129	-49.846	24.449	26.487
1537	COL47	X	-49.846	-50.377	26.487	28.524
1538	COL48	X	-59.114	-59.026	0	2.116
1539	COL48	X	-59.026	-59.122	2.116	4.232
1540	COL48	X	-59.122	-69.722	4.232	6.349
1541	COL48	X	-69.722	-70.221	6.349	8.465
1542	COL48	X	-70.221	-59.244	8.465	10.581
1543	COL48	X	-59.244	-59.539	10.581	12.697
1544	COL48	X	-59.539	-60.988	12.697	14.813
1545	COL48	X	-60.988	-61.105	14.813	16.929
1546	COL48	X	-61.105	-62.81	16.929	19.046

Member Distributed Loads (BLC 43 : BLC 8 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1547	COL48	X	-62.81	-63.96	19.046	21.162
1548	COL48	X	-63.96	-62.81	21.162	23.278
1549	COL48	X	-62.81	-61.661	23.278	25.394
1550	COL54	X	-33.124	-32.993	13.6	15.64
1551	COL54	X	-32.993	-32.846	15.64	17.68
1552	COL54	X	-32.846	-32.791	17.68	19.72
1553	COL54	X	-32.791	-37.113	19.72	21.76
1554	COL54	X	-37.113	-45.836	21.76	23.8
1555	COL54	X	-45.836	-49.924	23.8	25.84
1556	COL54	X	-49.924	-49.041	25.84	27.88
1557	COL54	X	-49.041	-49.52	27.88	29.92
1558	COL54	X	-49.52	-50.149	29.92	31.96
1559	COL54	X	-50.149	-49.361	31.96	34
1560	COL55	X	-30.869	-30.712	13.6	15.64
1561	COL55	X	-30.712	-30.529	15.64	17.68
1562	COL55	X	-30.529	-30.415	17.68	19.72
1563	COL55	X	-30.415	-39.204	19.72	21.76
1564	COL55	X	-39.204	-54.646	21.76	23.8
1565	COL55	X	-54.646	-61.58	23.8	25.84
1566	COL55	X	-61.58	-62.848	25.84	27.88
1567	COL55	X	-62.848	-63.076	27.88	29.92
1568	COL55	X	-63.076	-61.715	29.92	31.96
1569	COL55	X	-61.715	-60.493	31.96	34
1570	COL56	X	-47.55	-47.523	13.6	15.64
1571	COL56	X	-47.523	-47.484	15.64	17.68
1572	COL56	X	-47.484	-47.389	17.68	19.72
1573	COL56	X	-47.389	-51.756	19.72	21.76
1574	COL56	X	-51.756	-58.348	21.76	23.8
1575	COL56	X	-58.348	-61.07	23.8	25.84
1576	COL56	X	-61.07	-63.142	25.84	27.88
1577	COL56	X	-63.142	-62.951	27.88	29.92
1578	COL56	X	-62.951	-61.263	29.92	31.96
1579	COL56	X	-61.263	-61.276	31.96	34
1580	COL57	X	-59.634	-59.634	13.6	15.64
1581	COL57	X	-59.634	-59.634	15.64	17.68
1582	COL57	X	-59.634	-59.634	17.68	19.72
1583	COL57	X	-59.634	-59.634	19.72	21.76
1584	COL57	X	-59.634	-59.634	21.76	23.8
1585	COL57	X	-59.634	-59.634	23.8	25.84
1586	COL57	X	-59.634	-59.634	25.84	27.88
1587	COL57	X	-59.634	-59.658	27.88	29.92
1588	COL57	X	-59.658	-59.726	29.92	31.96
1589	COL57	X	-59.726	-59.813	31.96	34
1590	COL66	X	-55.52	-55.203	0	2.125
1591	COL66	X	-55.203	-64.156	2.125	4.25
1592	COL66	X	-64.156	-68.606	4.25	6.375
1593	COL66	X	-68.606	-59.419	6.375	8.5
1594	COL66	X	-59.419	-54.893	8.5	10.625
1595	COL66	X	-54.893	-54.893	10.625	12.75
1596	COL66	X	-54.893	-54.893	12.75	14.875
1597	COL66	X	-54.893	-64.08	14.875	17
1598	COL66	X	-64.08	-66.901	17	19.125
1599	COL66	X	-66.901	-59.419	19.125	21.25
1600	COL66	X	-59.419	-57.186	21.25	23.375
1601	COL69	X	-24.922	-28.05	13.65	15.47
1602	COL69	X	-28.05	-32.631	15.47	17.29
1603	COL69	X	-32.631	-33.205	17.29	19.11
1604	COL69	X	-33.205	-30.583	19.11	20.93
1605	COL69	X	-30.583	-30.227	20.93	22.75
1606	COL70	X	-24.922	-28.05	13.65	15.47
1607	COL70	X	-28.05	-32.631	15.47	17.29
1608	COL70	X	-32.631	-33.205	17.29	19.11
1609	COL70	X	-33.205	-30.583	19.11	20.93
1610	COL70	X	-30.583	-30.227	20.93	22.75
1611	EDGE10	X	-3.19	-3.19	23.518	25.022
1612	EDGE29	X	-2.36	-2.36	0.714	1.714
1613	EDGE31	X	-4.386	-4.386	0	0.55
1614	X_RIGID1	X	-17.332	-17.428	0	2.144

Member Distributed Loads (BLC 43 : BLC 8 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1615	X_RIGID1	X	-17.428	-19.139	2.144	4.289
1616	X_RIGID1	X	-19.139	-19.773	4.289	6.433
1617	X_RIGID1	X	-19.773	-18.251	6.433	8.578
1618	X_RIGID1	X	-18.251	-18.949	8.578	10.722
1619	X_RIGID1	X	-18.949	-19.34	10.722	12.867
1620	X_RIGID1	X	-19.34	-18.535	12.867	15.011
1621	X_RIGID1	X	-18.535	-18.525	15.011	17.156
1622	X_RIGID2	X	-28.461	-16.977	0	1.774
1623	X_RIGID2	X	-16.977	-16.922	1.774	3.548
1624	X_RIGID2	X	-16.922	-21.783	3.548	5.321
1625	X_RIGID2	X	-21.783	-17.358	5.321	7.095
1626	X_RIGID2	X	-17.358	-10.159	7.095	8.869
1627	X_RIGID3	X	-18.428	-20.245	0	2.114
1628	X_RIGID3	X	-20.245	-21.009	2.114	4.227
1629	X_RIGID3	X	-21.009	-19.201	4.227	6.341
1630	X_RIGID3	X	-19.201	-17.538	6.341	8.455
1631	X_RIGID3	X	-17.538	-17.55	8.455	10.568
1632	X_RIGID3	X	-17.55	-17.572	10.568	12.682
1633	X_RIGID3	X	-17.572	-18.69	12.682	14.795
1634	X_RIGID3	X	-18.69	-21.971	14.795	16.909
1635	X_RIGID3	X	-21.971	-20.856	16.909	19.023
1636	X_RIGID3	X	-20.856	-17.587	19.023	21.136
1637	X_RIGID3	X	-17.587	-17.625	21.136	23.25
1638	COL12	X	-58.018	-57.645	0	2.125
1639	COL12	X	-57.645	-71.694	2.125	4.25
1640	COL12	X	-71.694	-71.606	4.25	6.375
1641	COL12	X	-71.606	-57.283	6.375	8.5
1642	COL12	X	-57.283	-57.283	8.5	10.625
1643	COL12	X	-57.283	-57.283	10.625	12.75
1644	COL12	X	-57.283	-57.283	12.75	14.875
1645	COL12	X	-57.283	-71.606	14.875	17
1646	COL12	X	-71.606	-71.606	17	19.125
1647	COL12	X	-71.606	-57.283	19.125	21.25
1648	COL12	X	-57.283	-57.283	21.25	23.375
1649	COL15	X	-62.505	-62.505	0	2
1650	COL15	X	-62.505	-62.505	2	4
1651	COL15	X	-62.505	-62.505	4	6
1652	COL15	X	-62.505	-62.505	6	8
1653	COL15	X	-62.505	-62.505	8	10
1654	COL15	X	-62.505	-62.505	10	12
1655	COL15	X	-62.505	-62.505	12	14
1656	COL15	X	-62.505	-62.505	14	16
1657	COL15	X	-62.505	-62.505	16	18
1658	COL15	X	-62.505	-62.505	18	20
1659	COL15	X	-62.505	-62.505	20	22
1660	COL15	X	-62.505	-62.505	22	24
1661	COL15	X	-62.505	-62.505	24	26
1662	COL15	X	-62.505	-62.505	26	28
1663	COL15	X	-62.505	-62.403	28	30
1664	COL15	X	-62.403	-62.121	30	32
1665	COL15	X	-62.121	-61.76	32	34
1666	COL17	X	-58.287	-58.287	0	2
1667	COL17	X	-58.287	-58.287	2	4
1668	COL17	X	-58.287	-58.287	4	6
1669	COL17	X	-58.287	-58.287	6	8
1670	COL17	X	-58.287	-58.287	8	10
1671	COL17	X	-58.287	-58.287	10	12
1672	COL17	X	-58.287	-58.287	12	14
1673	COL17	X	-58.287	-58.287	14	16
1674	COL17	X	-58.287	-58.287	16	18
1675	COL17	X	-58.287	-58.287	18	20
1676	COL17	X	-58.287	-58.287	20	22
1677	COL17	X	-58.287	-58.287	22	24
1678	COL17	X	-58.287	-58.287	24	26
1679	COL17	X	-58.287	-58.287	26	28
1680	COL17	X	-58.287	-58.198	28	30
1681	COL17	X	-58.198	-57.929	30	32
1682	COL17	X	-57.929	-57.568	32	34

Member Distributed Loads (BLC 43 : BLC 8 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1683	COL19	X	-62.505	-62.505	0	2
1684	COL19	X	-62.505	-62.505	2	4
1685	COL19	X	-62.505	-62.505	4	6
1686	COL19	X	-62.505	-62.505	6	8
1687	COL19	X	-62.505	-62.505	8	10
1688	COL19	X	-62.505	-62.505	10	12
1689	COL19	X	-62.505	-62.505	12	14
1690	COL19	X	-62.505	-62.505	14	16
1691	COL19	X	-62.505	-62.505	16	18
1692	COL19	X	-62.505	-62.505	18	20
1693	COL19	X	-62.505	-62.505	20	22
1694	COL19	X	-62.505	-62.505	22	24
1695	COL19	X	-62.505	-62.505	24	26
1696	COL19	X	-62.505	-62.505	26	28
1697	COL19	X	-62.505	-62.404	28	30
1698	COL19	X	-62.404	-62.121	30	32
1699	COL19	X	-62.121	-61.756	32	34
1700	COL20	X	-30.315	-30.315	0	2
1701	COL20	X	-30.315	-30.315	2	4
1702	COL20	X	-30.315	-30.315	4	6
1703	COL20	X	-30.315	-30.315	6	8
1704	COL20	X	-30.315	-30.315	8	10
1705	COL20	X	-30.315	-30.315	10	12
1706	COL20	X	-30.315	-30.315	12	14
1707	COL20	X	-30.315	-30.315	14	16
1708	COL20	X	-30.315	-30.315	16	18
1709	COL20	X	-30.315	-30.315	18	20
1710	COL20	X	-30.315	-30.315	20	22

Member Distributed Loads (BLC 44 : BLC 9 Transient Area Loads)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	COL34	Z	-33.373	-33.373	0	2
2	COL34	Z	-33.373	-33.373	2	4
3	COL34	Z	-33.373	-33.373	4	6
4	COL34	Z	-33.373	-33.373	6	8
5	COL34	Z	-33.373	-33.373	8	10
6	COL34	Z	-33.373	-33.373	10	12
7	COL34	Z	-33.373	-33.373	12	14
8	COL34	Z	-33.373	-33.373	14	16
9	COL34	Z	-33.373	-33.373	16	18
10	COL34	Z	-33.373	-33.373	18	20
11	COL34	Z	-33.373	-33.373	20	22
12	COL34	Z	-33.373	-33.373	22	24
13	COL34	Z	-33.373	-33.373	24	26
14	COL34	Z	-33.373	-33.373	26	28
15	COL34	Z	-33.373	-33.373	28	30
16	COL34	Z	-33.373	-33.356	30	32
17	COL34	Z	-33.356	-33.34	32	34
18	COL34	Z	-33.34	-33.34	34	36
19	COL34	Z	-33.34	-33.336	36	38
20	COL34	Z	-33.336	-33.313	38	40
21	COL34	Z	-33.313	-33.285	40	42
22	COL34	Z	-33.285	-33.235	42	44
23	COL34	Z	-33.235	-33.154	44	46
24	COL40	Z	-45.022	-75.408	0	2.188
25	COL40	Z	-75.408	-75.84	2.188	4.375
26	COL40	Z	-75.84	-60.725	4.375	6.562
27	COL40	Z	-60.725	-59.997	6.562	8.75
28	COL40	Z	-59.997	-74.57	8.75	10.938
29	COL40	Z	-74.57	-74.902	10.938	13.125
30	COL40	Z	-74.902	-60.394	13.125	15.312
31	COL40	Z	-60.394	-60.605	15.312	17.5
32	COL49	Z	-42.51	-42.51	0	2.048
33	COL49	Z	-42.51	-42.51	2.048	4.097
34	COL49	Z	-42.51	-42.51	4.097	6.145
35	COL49	Z	-42.51	-42.51	6.145	8.194
36	COL49	Z	-42.51	-42.51	8.194	10.242
37	COL49	Z	-42.51	-42.51	10.242	12.29

Member Distributed Loads (BLC 44 : BLC 9 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
38	COL49	Z	-42.51	-45.003	12.29	14.339
39	COL49	Z	-45.003	-50.624	14.339	16.387
40	COL49	Z	-50.624	-50.015	16.387	18.435
41	COL49	Z	-50.015	-45.023	18.435	20.484
42	COL49	Z	-45.023	-43.139	20.484	22.532
43	COL49	Z	-43.139	-42.51	22.532	24.581
44	COL49	Z	-42.51	-42.51	24.581	26.629
45	COL49	Z	-42.51	-42.51	26.629	28.677
46	COL49	Z	-42.51	-42.502	28.677	30.726
47	COL49	Z	-42.502	-42.488	30.726	32.774
48	COL49	Z	-42.488	-42.482	32.774	34.823
49	COL49	Z	-42.482	-42.497	34.823	36.871
50	COL49	Z	-42.497	-42.526	36.871	38.919
51	COL49	Z	-42.526	-42.556	38.919	40.968
52	COL49	Z	-42.556	-42.586	40.968	43.016
53	COL49	Z	-42.586	-42.479	43.016	45.065
54	COL49	Z	-42.479	-44.702	45.065	47.113
55	COL49	Z	-44.702	-49.475	47.113	49.161
56	COL49	Z	-49.475	-48.769	49.161	51.21
57	COL49	Z	-48.769	-45.023	51.21	53.258
58	COL49	Z	-45.023	-43.191	53.258	55.306
59	COL49	Z	-43.191	-41.971	55.306	57.355
60	COL49	Z	-41.971	-41.971	57.355	59.403
61	COL49	Z	-41.971	-41.971	59.403	61.452
62	COL49	Z	-41.971	-41.971	61.452	63.5
63	COL29	Z	-41.353	-41.562	0	2.128
64	COL29	Z	-41.562	-41.679	2.128	4.256
65	COL29	Z	-41.679	-40.508	4.256	6.383
66	COL29	Z	-40.508	-49.134	6.383	8.511
67	COL29	Z	-49.134	-49.134	8.511	10.639
68	COL29	Z	-49.134	-39.324	10.639	12.767
69	COL29	Z	-39.324	-39.324	12.767	14.895
70	COL29	Z	-39.324	-47.391	14.895	17.022
71	COL29	Z	-47.391	-49.134	17.022	19.15
72	COL29	Z	-49.134	-41.067	19.15	21.278
73	COL29	Z	-41.067	-37.581	21.278	23.406
74	COL65	Z	-9.811	-9.811	0	2.092
75	COL65	Z	-9.811	-9.811	2.092	4.184
76	COL65	Z	-9.811	-9.811	4.184	6.276
77	COL65	Z	-9.811	-12.264	6.276	8.368
78	COL65	Z	-12.264	-12.264	8.368	10.461
79	COL65	Z	-12.264	-9.811	10.461	12.553
80	COL65	Z	-9.811	-9.811	12.553	14.645
81	COL65	Z	-9.811	-9.811	14.645	16.737
82	COL65	Z	-9.811	-9.811	16.737	18.829
83	COL65	Z	-9.811	-9.811	18.829	20.921
84	COL65	Z	-9.811	-9.811	20.921	23.013
85	COL65	Z	-9.811	-9.811	23.013	25.105
86	COL65	Z	-9.811	-9.811	25.105	27.197
87	COL65	Z	-9.811	-11.65	27.197	29.289
88	COL65	Z	-42.554	-43.334	29.289	31.382
89	COL65	Z	-43.334	-43.358	31.382	33.474
90	COL65	Z	-43.358	-48.798	33.474	35.566
91	COL65	Z	-48.798	-47.281	35.566	37.658
92	COL65	Z	-47.281	-35.719	37.658	39.75
93	COL16	Z	-31.106	-30.916	0	2.111
94	COL16	Z	-30.916	-30.692	2.111	4.222
95	COL16	Z	-30.692	-30.401	4.222	6.333
96	COL16	Z	-30.401	-30.162	6.333	8.445
97	COL16	Z	-30.162	-32.505	8.445	10.556
98	COL16	Z	-32.505	-37.342	10.556	12.667
99	COL18	Z	-45.334	-45.52	0	2.111
100	COL18	Z	-45.52	-49.65	2.111	4.222
101	COL18	Z	-49.65	-50.224	4.222	6.333
102	COL18	Z	-50.224	-46.424	6.333	8.445
103	COL18	Z	-46.424	-47.759	8.445	10.556
104	COL18	Z	-47.759	-51.102	10.556	12.667
105	COL39	Z	-28.349	-28.195	0	2.111

Member Distributed Loads (BLC 44 : BLC 9 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
106	COL39	Z	-28.195	-30.065	2.111	4.222
107	COL39	Z	-30.065	-30.599	4.222	6.333
108	COL39	Z	-30.599	-28.518	6.333	8.445
109	COL39	Z	-28.518	-28.985	8.445	10.556
110	COL39	Z	-28.985	-31.255	10.556	12.667
111	COL50	Z	-32.772	-32.672	0	2.111
112	COL50	Z	-32.672	-32.511	2.111	4.222
113	COL50	Z	-32.511	-33.832	4.222	6.333
114	COL50	Z	-33.832	-34.431	6.333	8.445
115	COL50	Z	-34.431	-34.097	8.445	10.556
116	COL50	Z	-34.097	-35.096	10.556	12.667
117	COL51	Z	-58.834	-59.112	0	2.111
118	COL51	Z	-59.112	-63.901	2.111	4.222
119	COL51	Z	-63.901	-66.268	4.222	6.333
120	COL51	Z	-66.268	-63.533	6.333	8.445
121	COL51	Z	-63.533	-62.556	8.445	10.556
122	COL51	Z	-62.556	-61.504	10.556	12.667
123	COL52	Z	-39.654	-39.641	0	2.111
124	COL52	Z	-39.641	-40.176	2.111	4.222
125	COL52	Z	-40.176	-41.815	4.222	6.333
126	COL52	Z	-41.815	-42.802	6.333	8.445
127	COL52	Z	-42.802	-41.995	8.445	10.556
128	COL52	Z	-41.995	-40.602	10.556	12.667
129	COL53	Z	-54.944	-54.946	0	2.111
130	COL53	Z	-54.946	-55.476	2.111	4.222
131	COL53	Z	-55.476	-57.831	4.222	6.333
132	COL53	Z	-57.831	-57.579	6.333	8.445
133	COL53	Z	-57.579	-56	8.445	10.556
134	COL53	Z	-56	-56.998	10.556	12.667
135	COL65	Z	-12.748	-21.082	0	2.208
136	COL65	Z	-21.082	-21.064	2.208	4.417
137	COL65	Z	-21.064	-16.856	4.417	6.625
138	COL65	Z	-16.856	-16.815	6.625	8.833
139	COL65	Z	-16.815	-20.942	8.833	11.042
140	COL65	Z	-20.942	-20.987	11.042	13.25
141	COL65	Z	-20.987	-16.914	13.25	15.458
142	COL65	Z	-16.914	-8.586	15.458	17.667
143	COL65	Z	-8.586	-0.232	17.667	19.875
144	COL71	Z	-31.159	-30.934	0	2.111
145	COL71	Z	-30.934	-30.647	2.111	4.222
146	COL71	Z	-30.647	-30.181	4.222	6.333
147	COL71	Z	-30.181	-29.572	6.333	8.445
148	COL71	Z	-29.572	-31.194	8.445	10.556
149	COL71	Z	-31.194	-35.073	10.556	12.667
150	PARAPET1	Z	-67.575	-61.393	0	0.967
151	PARAPET1	Z	-61.393	-57.056	0.967	1.933
152	PARAPET1	Z	-57.056	-61.368	1.933	2.9
153	PARAPET1	Z	-61.368	-67.084	2.9	3.866
154	PARAPET1	Z	-67.084	-67.4	3.866	4.833
155	PARAPET2	Z	-75.71	-64.187	0	0.967
156	PARAPET2	Z	-64.187	-54.47	0.967	1.933
157	PARAPET2	Z	-54.47	-56.693	1.933	2.9
158	PARAPET2	Z	-56.693	-65.267	2.9	3.866
159	PARAPET2	Z	-65.267	-70.057	3.866	4.833
160	PARAPET3	Z	-65.519	-61.669	0	0.967
161	PARAPET3	Z	-61.669	-46.765	0.967	1.933
162	PARAPET3	Z	-46.765	-50.868	1.933	2.9
163	PARAPET3	Z	-50.868	-68.023	2.9	3.866
164	PARAPET3	Z	-68.023	-68.168	3.866	4.833
165	PARAPET4	Z	-64.621	-53.718	0	0.967
166	PARAPET4	Z	-53.718	-52.294	0.967	1.933
167	PARAPET4	Z	-52.294	-65.418	1.933	2.9
168	PARAPET4	Z	-65.418	-74.579	2.9	3.866
169	PARAPET4	Z	-74.579	-74.707	3.866	4.833
170	PARAPET5	Z	-62.699	-49.59	0	0.967
171	PARAPET5	Z	-49.59	-41.765	0.967	1.933
172	PARAPET5	Z	-41.765	-45.893	1.933	2.9
173	PARAPET5	Z	-45.893	-53.614	2.9	3.866

Member Distributed Loads (BLC 44 : BLC 9 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
174	PARAPET5	Z	-53.614	-58.261	3.866	4.833
175	PARAPET6	Z	-64.923	-60.951	0	0.967
176	PARAPET6	Z	-60.951	-56.25	0.967	1.933
177	PARAPET6	Z	-56.25	-60.5	1.933	2.9
178	PARAPET6	Z	-60.5	-67.451	2.9	3.866
179	PARAPET6	Z	-67.451	-67.425	3.866	4.833
180	M682	Z	-31.159	-30.934	0	2.111
181	M682	Z	-30.934	-30.647	2.111	4.222
182	M682	Z	-30.647	-30.181	4.222	6.333
183	M682	Z	-30.181	-29.572	6.333	8.445
184	M682	Z	-29.572	-31.194	8.445	10.556
185	M682	Z	-31.194	-35.073	10.556	12.667
186	COL20	Z	-34.751	-34.716	0	2.04
187	COL20	Z	-34.716	-34.658	2.04	4.08
188	COL20	Z	-34.658	-36.794	4.08	6.12
189	COL20	Z	-36.794	-39.028	6.12	8.16
190	COL20	Z	-39.028	-38.544	8.16	10.2
191	COL20	Z	-38.544	-34.717	10.2	12.24
192	COL20	Z	-34.717	-34.303	12.24	14.28
193	COL20	Z	-34.303	-27.338	14.28	16.32
194	COL20	Z	-27.338	-8.749	16.32	18.36
195	COL20	Z	-8.749	0.0008534	18.36	20.4
196	EDGE18	Z	-3.323	-0.971	0	5.83
197	EDGE18	Z	-0.971	0.206	5.83	11.66
198	EDGE18	Z	0.206	0.206	11.66	17.49
199	EDGE18	Z	0.206	-0.674	17.49	23.32
200	EDGE18	Z	-0.674	-2.433	23.32	29.15
201	COL22	Z	-0.363	-8.098	10.2	12.364
202	COL22	Z	-8.098	-28.75	12.364	14.527
203	COL22	Z	-28.75	-37.356	14.527	16.691
204	COL22	Z	-37.356	-33.106	16.691	18.855
205	COL22	Z	-33.106	-38.17	18.855	21.018
206	COL22	Z	-38.17	-38.583	21.018	23.182
207	COL22	Z	-38.583	-33.28	23.182	25.345
208	COL22	Z	-33.28	-32.577	25.345	27.509
209	COL22	Z	-32.577	-40.77	27.509	29.673
210	COL22	Z	-40.77	-40.966	29.673	31.836
211	COL22	Z	-40.966	-24.999	31.836	34
212	COL38	Z	-34.188	-34.414	0	2.083
213	COL38	Z	-34.414	-34.584	2.083	4.165
214	COL38	Z	-34.584	-34.685	4.165	6.248
215	COL38	Z	-34.685	-34.736	6.248	8.33
216	COL38	Z	-34.736	-43.072	8.33	10.413
217	COL38	Z	-43.072	-42.364	10.413	12.495
218	COL38	Z	-42.364	-33.327	12.495	14.578
219	COL38	Z	-33.327	-33.327	14.578	16.66
220	COL38	Z	-33.327	-33.327	16.66	18.743
221	COL38	Z	-33.327	-33.327	18.743	20.825
222	COL38	Z	-33.327	-41.658	20.825	22.908
223	COL38	Z	-41.658	-41.658	22.908	24.991
224	COL38	Z	-41.658	-33.327	24.991	27.073
225	COL38	Z	-33.327	-33.327	27.073	29.156
226	COL65	Z	-2.4	-24.145	11.925	14.065
227	COL65	Z	-24.145	-37.826	14.065	16.206
228	COL65	Z	-37.826	-35.525	16.206	18.346
229	COL65	Z	-35.525	-30.43	18.346	20.487
230	COL65	Z	-30.43	-31.038	20.487	22.627
231	COL65	Z	-31.038	-38.015	22.627	24.767
232	COL65	Z	-38.015	-37.606	24.767	26.908
233	COL65	Z	-37.606	-30.904	26.908	29.048
234	EDGE34	Z	-2.461	-2.461	22.643	26.541
235	X_RIGID1	Z	-2.969	-2.969	1.926e-14	17.156
236	X_RIGID2	Z	-2.977	-2.977	0	8.869
237	X_RIGID3	Z	-2.97	-2.97	4.996e-16	23.242
238	COL20	Z	-29.228	-29.228	13.886	33.979
239	COL23	Z	-61.643	-61.643	13.6	15.64
240	COL23	Z	-61.643	-61.643	15.64	17.68
241	COL23	Z	-61.643	-61.643	17.68	19.72

Member Distributed Loads (BLC 44 : BLC 9 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
242	COL23	Z	-61.643	-61.643	19.72	21.76
243	COL23	Z	-61.643	-61.643	21.76	23.8
244	COL23	Z	-61.643	-61.643	23.8	25.84
245	COL23	Z	-61.643	-61.643	25.84	27.88
246	COL23	Z	-61.643	-61.623	27.88	29.92
247	COL23	Z	-61.623	-61.532	29.92	31.96
248	COL23	Z	-61.532	-61.389	31.96	34
249	COL31	Z	-61.506	-62.362	0	2.034
250	COL31	Z	-62.362	-63.457	2.034	4.067
251	COL31	Z	-63.457	-63.336	4.067	6.101
252	COL31	Z	-63.336	-62.276	6.101	8.135
253	COL31	Z	-62.276	-61.983	8.135	10.168
254	COL31	Z	-61.983	-61.315	10.168	12.202
255	COL31	Z	-61.315	-60.631	12.202	14.236
256	COL31	Z	-60.631	-61.499	14.236	16.269
257	COL31	Z	-61.499	-62.579	16.269	18.303
258	COL31	Z	-62.579	-62.928	18.303	20.337
259	COL31	Z	-62.928	-63.367	20.337	22.37
260	COL31	Z	-63.367	-63.309	22.37	24.404
261	COL31	Z	-63.309	-62.66	24.404	26.438
262	COL33	Z	-58.632	-58.232	0	2.114
263	COL33	Z	-58.232	-57.791	2.114	4.228
264	COL33	Z	-57.791	-68.416	4.228	6.342
265	COL33	Z	-68.416	-72.914	6.342	8.456
266	COL33	Z	-72.914	-62.166	8.456	10.57
267	COL33	Z	-62.166	-57.521	10.57	12.684
268	COL33	Z	-57.521	-56.996	12.684	14.797
269	COL33	Z	-56.996	-57.684	14.797	16.911
270	COL33	Z	-57.684	-65.829	16.911	19.025
271	COL33	Z	-65.829	-68.231	19.025	21.139
272	COL33	Z	-68.231	-62.38	21.139	23.253
273	COL33	Z	-62.38	-60.769	23.253	25.367
274	COL33	Z	-60.769	-59.663	25.367	27.481
275	COL36	Z	-60.132	-60.144	0	2.029
276	COL36	Z	-60.144	-60.093	2.029	4.058
277	COL36	Z	-60.093	-59.935	4.058	6.088
278	COL36	Z	-59.935	-59.712	6.088	8.117
279	COL36	Z	-59.712	-60.082	8.117	10.146
280	COL36	Z	-60.082	-61.06	10.146	12.175
281	COL36	Z	-61.06	-61.425	12.175	14.205
282	COL36	Z	-61.425	-61.204	14.205	16.234
283	COL36	Z	-61.204	-61.016	16.234	18.263
284	COL36	Z	-61.016	-60.84	18.263	20.292
285	COL36	Z	-60.84	-60.671	20.292	22.321
286	COL36	Z	-60.671	-60.508	22.321	24.351
287	COL47	Z	-49.77	-49.826	0	2.037
288	COL47	Z	-49.826	-49.902	2.037	4.075
289	COL47	Z	-49.902	-50.023	4.075	6.112
290	COL47	Z	-50.023	-50.168	6.112	8.15
291	COL47	Z	-50.168	-50.344	8.15	10.187
292	COL47	Z	-50.344	-50.589	10.187	12.225
293	COL47	Z	-50.589	-50.895	12.225	14.262
294	COL47	Z	-50.895	-50.761	14.262	16.3
295	COL47	Z	-50.761	-50.389	16.3	18.337
296	COL47	Z	-50.389	-49.79	18.337	20.375
297	COL47	Z	-49.79	-48.971	20.375	22.412
298	COL47	Z	-48.971	-49.129	22.412	24.449
299	COL47	Z	-49.129	-49.846	24.449	26.487
300	COL47	Z	-49.846	-50.377	26.487	28.524
301	COL48	Z	-59.114	-59.026	0	2.116
302	COL48	Z	-59.026	-59.122	2.116	4.232
303	COL48	Z	-59.122	-69.722	4.232	6.349
304	COL48	Z	-69.722	-70.221	6.349	8.465
305	COL48	Z	-70.221	-59.244	8.465	10.581
306	COL48	Z	-59.244	-59.539	10.581	12.697
307	COL48	Z	-59.539	-60.988	12.697	14.813
308	COL48	Z	-60.988	-61.105	14.813	16.929
309	COL48	Z	-61.105	-62.81	16.929	19.046

Member Distributed Loads (BLC 44 : BLC 9 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
310	COL48	Z	-62.81	-63.96	19.046	21.162
311	COL48	Z	-63.96	-62.81	21.162	23.278
312	COL48	Z	-62.81	-61.661	23.278	25.394
313	COL54	Z	-33.124	-32.993	13.6	15.64
314	COL54	Z	-32.993	-32.846	15.64	17.68
315	COL54	Z	-32.846	-32.791	17.68	19.72
316	COL54	Z	-32.791	-37.113	19.72	21.76
317	COL54	Z	-37.113	-45.836	21.76	23.8
318	COL54	Z	-45.836	-49.924	23.8	25.84
319	COL54	Z	-49.924	-49.041	25.84	27.88
320	COL54	Z	-49.041	-49.52	27.88	29.92
321	COL54	Z	-49.52	-50.149	29.92	31.96
322	COL54	Z	-50.149	-49.361	31.96	34
323	COL55	Z	-30.869	-30.712	13.6	15.64
324	COL55	Z	-30.712	-30.529	15.64	17.68
325	COL55	Z	-30.529	-30.415	17.68	19.72
326	COL55	Z	-30.415	-39.204	19.72	21.76
327	COL55	Z	-39.204	-54.646	21.76	23.8
328	COL55	Z	-54.646	-61.58	23.8	25.84
329	COL55	Z	-61.58	-62.848	25.84	27.88
330	COL55	Z	-62.848	-63.076	27.88	29.92
331	COL55	Z	-63.076	-61.715	29.92	31.96
332	COL55	Z	-61.715	-60.493	31.96	34
333	COL56	Z	-47.55	-47.523	13.6	15.64
334	COL56	Z	-47.523	-47.484	15.64	17.68
335	COL56	Z	-47.484	-47.389	17.68	19.72
336	COL56	Z	-47.389	-51.756	19.72	21.76
337	COL56	Z	-51.756	-58.348	21.76	23.8
338	COL56	Z	-58.348	-61.07	23.8	25.84
339	COL56	Z	-61.07	-63.142	25.84	27.88
340	COL56	Z	-63.142	-62.951	27.88	29.92
341	COL56	Z	-62.951	-61.263	29.92	31.96
342	COL56	Z	-61.263	-61.276	31.96	34
343	COL57	Z	-59.634	-59.634	13.6	15.64
344	COL57	Z	-59.634	-59.634	15.64	17.68
345	COL57	Z	-59.634	-59.634	17.68	19.72
346	COL57	Z	-59.634	-59.634	19.72	21.76
347	COL57	Z	-59.634	-59.634	21.76	23.8
348	COL57	Z	-59.634	-59.634	23.8	25.84
349	COL57	Z	-59.634	-59.634	25.84	27.88
350	COL57	Z	-59.634	-59.658	27.88	29.92
351	COL57	Z	-59.658	-59.726	29.92	31.96
352	COL57	Z	-59.726	-59.813	31.96	34
353	COL66	Z	-55.52	-55.203	0	2.125
354	COL66	Z	-55.203	-64.156	2.125	4.25
355	COL66	Z	-64.156	-68.606	4.25	6.375
356	COL66	Z	-68.606	-59.419	6.375	8.5
357	COL66	Z	-59.419	-54.893	8.5	10.625
358	COL66	Z	-54.893	-54.893	10.625	12.75
359	COL66	Z	-54.893	-54.893	12.75	14.875
360	COL66	Z	-54.893	-64.08	14.875	17
361	COL66	Z	-64.08	-66.901	17	19.125
362	COL66	Z	-66.901	-59.419	19.125	21.25
363	COL66	Z	-59.419	-57.186	21.25	23.375
364	COL69	Z	-24.922	-28.05	13.65	15.47
365	COL69	Z	-28.05	-32.631	15.47	17.29
366	COL69	Z	-32.631	-33.205	17.29	19.11
367	COL69	Z	-33.205	-30.583	19.11	20.93
368	COL69	Z	-30.583	-30.227	20.93	22.75
369	COL70	Z	-24.922	-28.05	13.65	15.47
370	COL70	Z	-28.05	-32.631	15.47	17.29
371	COL70	Z	-32.631	-33.205	17.29	19.11
372	COL70	Z	-33.205	-30.583	19.11	20.93
373	COL70	Z	-30.583	-30.227	20.93	22.75
374	EDGE10	Z	-3.19	-3.19	23.518	25.022
375	EDGE29	Z	-2.36	-2.36	0.714	1.714
376	EDGE31	Z	-4.386	-4.386	0	0.55
377	X_RIGID1	Z	-17.332	-17.428	0	2.144

Member Distributed Loads (BLC 44 : BLC 9 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
378	X_RIGID1	Z	-17.428	-19.139	2.144	4.289
379	X_RIGID1	Z	-19.139	-19.773	4.289	6.433
380	X_RIGID1	Z	-19.773	-18.251	6.433	8.578
381	X_RIGID1	Z	-18.251	-18.949	8.578	10.722
382	X_RIGID1	Z	-18.949	-19.34	10.722	12.867
383	X_RIGID1	Z	-19.34	-18.535	12.867	15.011
384	X_RIGID1	Z	-18.535	-18.525	15.011	17.156
385	X_RIGID2	Z	-28.461	-16.977	0	1.774
386	X_RIGID2	Z	-16.977	-16.922	1.774	3.548
387	X_RIGID2	Z	-16.922	-21.783	3.548	5.321
388	X_RIGID2	Z	-21.783	-17.358	5.321	7.095
389	X_RIGID2	Z	-17.358	-10.159	7.095	8.869
390	X_RIGID3	Z	-18.428	-20.245	0	2.114
391	X_RIGID3	Z	-20.245	-21.009	2.114	4.227
392	X_RIGID3	Z	-21.009	-19.201	4.227	6.341
393	X_RIGID3	Z	-19.201	-17.538	6.341	8.455
394	X_RIGID3	Z	-17.538	-17.55	8.455	10.568
395	X_RIGID3	Z	-17.55	-17.572	10.568	12.682
396	X_RIGID3	Z	-17.572	-18.69	12.682	14.795
397	X_RIGID3	Z	-18.69	-21.971	14.795	16.909
398	X_RIGID3	Z	-21.971	-20.856	16.909	19.023
399	X_RIGID3	Z	-20.856	-17.587	19.023	21.136
400	X_RIGID3	Z	-17.587	-17.625	21.136	23.25
401	COL12	Z	-58.018	-57.645	0	2.125
402	COL12	Z	-57.645	-71.694	2.125	4.25
403	COL12	Z	-71.694	-71.606	4.25	6.375
404	COL12	Z	-71.606	-57.283	6.375	8.5
405	COL12	Z	-57.283	-57.283	8.5	10.625
406	COL12	Z	-57.283	-57.283	10.625	12.75
407	COL12	Z	-57.283	-57.283	12.75	14.875
408	COL12	Z	-57.283	-71.606	14.875	17
409	COL12	Z	-71.606	-71.606	17	19.125
410	COL12	Z	-71.606	-57.283	19.125	21.25
411	COL12	Z	-57.283	-57.283	21.25	23.375
412	COL15	Z	-62.505	-62.505	0	2
413	COL15	Z	-62.505	-62.505	2	4
414	COL15	Z	-62.505	-62.505	4	6
415	COL15	Z	-62.505	-62.505	6	8
416	COL15	Z	-62.505	-62.505	8	10
417	COL15	Z	-62.505	-62.505	10	12
418	COL15	Z	-62.505	-62.505	12	14
419	COL15	Z	-62.505	-62.505	14	16
420	COL15	Z	-62.505	-62.505	16	18
421	COL15	Z	-62.505	-62.505	18	20
422	COL15	Z	-62.505	-62.505	20	22
423	COL15	Z	-62.505	-62.505	22	24
424	COL15	Z	-62.505	-62.505	24	26
425	COL15	Z	-62.505	-62.505	26	28
426	COL15	Z	-62.505	-62.403	28	30
427	COL15	Z	-62.403	-62.121	30	32
428	COL15	Z	-62.121	-61.76	32	34
429	COL17	Z	-58.287	-58.287	0	2
430	COL17	Z	-58.287	-58.287	2	4
431	COL17	Z	-58.287	-58.287	4	6
432	COL17	Z	-58.287	-58.287	6	8
433	COL17	Z	-58.287	-58.287	8	10
434	COL17	Z	-58.287	-58.287	10	12
435	COL17	Z	-58.287	-58.287	12	14
436	COL17	Z	-58.287	-58.287	14	16
437	COL17	Z	-58.287	-58.287	16	18
438	COL17	Z	-58.287	-58.287	18	20
439	COL17	Z	-58.287	-58.287	20	22
440	COL17	Z	-58.287	-58.287	22	24
441	COL17	Z	-58.287	-58.287	24	26
442	COL17	Z	-58.287	-58.287	26	28
443	COL17	Z	-58.287	-58.198	28	30
444	COL17	Z	-58.198	-57.929	30	32
445	COL17	Z	-57.929	-57.568	32	34

Member Distributed Loads (BLC 44 : BLC 9 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
446	COL19	Z	-62.505	-62.505	0	2
447	COL19	Z	-62.505	-62.505	2	4
448	COL19	Z	-62.505	-62.505	4	6
449	COL19	Z	-62.505	-62.505	6	8
450	COL19	Z	-62.505	-62.505	8	10
451	COL19	Z	-62.505	-62.505	10	12
452	COL19	Z	-62.505	-62.505	12	14
453	COL19	Z	-62.505	-62.505	14	16
454	COL19	Z	-62.505	-62.505	16	18
455	COL19	Z	-62.505	-62.505	18	20
456	COL19	Z	-62.505	-62.505	20	22
457	COL19	Z	-62.505	-62.505	22	24
458	COL19	Z	-62.505	-62.505	24	26
459	COL19	Z	-62.505	-62.505	26	28
460	COL19	Z	-62.505	-62.404	28	30
461	COL19	Z	-62.404	-62.121	30	32
462	COL19	Z	-62.121	-61.756	32	34
463	COL20	Z	-30.315	-30.315	0	2
464	COL20	Z	-30.315	-30.315	2	4
465	COL20	Z	-30.315	-30.315	4	6
466	COL20	Z	-30.315	-30.315	6	8
467	COL20	Z	-30.315	-30.315	8	10
468	COL20	Z	-30.315	-30.315	10	12
469	COL20	Z	-30.315	-30.315	12	14
470	COL20	Z	-30.315	-30.315	14	16
471	COL20	Z	-30.315	-30.315	16	18
472	COL20	Z	-30.315	-30.315	18	20
473	COL20	Z	-30.315	-30.315	20	22
474	COL20	Z	-30.315	-30.315	22	24
475	COL20	Z	-30.315	-30.315	24	26
476	COL20	Z	-30.315	-30.315	26	28
477	COL20	Z	-30.315	-30.265	28	30
478	COL20	Z	-30.265	-30.128	30	32
479	COL20	Z	-30.128	-29.956	32	34
480	COL21	Z	-62.505	-62.505	0	2
481	COL21	Z	-62.505	-62.505	2	4
482	COL21	Z	-62.505	-62.505	4	6
483	COL21	Z	-62.505	-62.505	6	8
484	COL21	Z	-62.505	-62.505	8	10
485	COL21	Z	-62.505	-62.505	10	12
486	COL21	Z	-62.505	-62.505	12	14
487	COL21	Z	-62.505	-62.505	14	16
488	COL21	Z	-62.505	-62.505	16	18
489	COL21	Z	-62.505	-62.505	18	20
490	COL21	Z	-62.505	-62.505	20	22
491	COL21	Z	-62.505	-62.505	22	24
492	COL21	Z	-62.505	-62.505	24	26
493	COL21	Z	-62.505	-62.505	26	28
494	COL21	Z	-62.505	-62.403	28	30
495	COL21	Z	-62.403	-62.121	30	32
496	COL21	Z	-62.121	-61.76	32	34
497	COL24	Z	-61.568	-61.568	0	2
498	COL24	Z	-61.568	-61.568	2	4
499	COL24	Z	-61.568	-61.568	4	6
500	COL24	Z	-61.568	-61.568	6	8
501	COL24	Z	-61.568	-61.568	8	10
502	COL24	Z	-61.568	-61.568	10	12
503	COL24	Z	-61.568	-61.568	12	14
504	COL24	Z	-61.568	-61.568	14	16
505	COL24	Z	-61.568	-61.568	16	18
506	COL24	Z	-61.568	-61.568	18	20
507	COL24	Z	-61.568	-61.568	20	22
508	COL24	Z	-61.568	-61.568	22	24
509	COL24	Z	-61.568	-61.568	24	26
510	COL24	Z	-61.568	-61.568	26	28
511	COL24	Z	-61.568	-61.468	28	30
512	COL24	Z	-61.468	-61.189	30	32
513	COL24	Z	-61.189	-60.833	32	34

Member Distributed Loads (BLC 44 : BLC 9 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
514	COL25	Z	-62.504	-62.504	0.006	33.979
515	COL27	Z	-38.698	-38.468	0	2.125
516	COL27	Z	-38.468	-47.856	2.125	4.25
517	COL27	Z	-47.856	-47.798	4.25	6.375
518	COL27	Z	-47.798	-38.237	6.375	8.5
519	COL27	Z	-38.237	-38.237	8.5	10.625
520	COL27	Z	-38.237	-38.237	10.625	12.75
521	COL27	Z	-38.237	-38.237	12.75	14.875
522	COL27	Z	-38.237	-47.798	14.875	17
523	COL27	Z	-47.798	-47.798	17	19.125
524	COL27	Z	-47.798	-38.237	19.125	21.25
525	COL27	Z	-38.237	-38.237	21.25	23.375
526	COL28	Z	-57.148	-56.78	0	2.125
527	COL28	Z	-56.78	-70.618	2.125	4.25
528	COL28	Z	-70.618	-70.532	4.25	6.375
529	COL28	Z	-70.532	-56.424	6.375	8.5
530	COL28	Z	-56.424	-56.424	8.5	10.625
531	COL28	Z	-56.424	-56.424	10.625	12.75
532	COL28	Z	-56.424	-56.424	12.75	14.875
533	COL28	Z	-56.424	-70.532	14.875	17
534	COL28	Z	-70.532	-70.532	17	19.125
535	COL28	Z	-70.532	-56.424	19.125	21.25
536	COL28	Z	-56.424	-56.424	21.25	23.375
537	COL32	Z	-58.024	-57.645	0	2.125
538	COL32	Z	-57.645	-71.692	2.125	4.25
539	COL32	Z	-71.692	-71.606	4.25	6.375
540	COL32	Z	-71.606	-57.283	6.375	8.5
541	COL32	Z	-57.283	-57.283	8.5	10.625
542	COL32	Z	-57.283	-57.283	10.625	12.75
543	COL32	Z	-57.283	-57.283	12.75	14.875
544	COL32	Z	-57.283	-71.606	14.875	17
545	COL32	Z	-71.606	-71.606	17	19.125
546	COL32	Z	-71.606	-57.283	19.125	21.25
547	COL32	Z	-57.283	-57.283	21.25	23.375
548	COL41	Z	-58.024	-57.645	0	2.125
549	COL41	Z	-57.645	-71.692	2.125	4.25
550	COL41	Z	-71.692	-71.606	4.25	6.375
551	COL41	Z	-71.606	-57.283	6.375	8.5
552	COL41	Z	-57.283	-57.283	8.5	10.625
553	COL41	Z	-57.283	-57.283	10.625	12.75
554	COL41	Z	-57.283	-57.283	12.75	14.875
555	COL41	Z	-57.283	-71.606	14.875	17
556	COL41	Z	-71.606	-71.606	17	19.125
557	COL41	Z	-71.606	-57.283	19.125	21.25
558	COL41	Z	-57.283	-57.283	21.25	23.375
559	COL42	Z	-58.024	-57.645	0	2.125
560	COL42	Z	-57.645	-71.692	2.125	4.25
561	COL42	Z	-71.692	-71.606	4.25	6.375
562	COL42	Z	-71.606	-57.283	6.375	8.5
563	COL42	Z	-57.283	-57.283	8.5	10.625
564	COL42	Z	-57.283	-57.283	10.625	12.75
565	COL42	Z	-57.283	-57.283	12.75	14.875
566	COL42	Z	-57.283	-71.606	14.875	17
567	COL42	Z	-71.606	-71.606	17	19.125
568	COL42	Z	-71.606	-57.283	19.125	21.25
569	COL42	Z	-57.283	-57.283	21.25	23.375
570	COL43	Z	-58.024	-57.645	0	2.125
571	COL43	Z	-57.645	-71.692	2.125	4.25
572	COL43	Z	-71.692	-71.606	4.25	6.375
573	COL43	Z	-71.606	-57.283	6.375	8.5
574	COL43	Z	-57.283	-57.283	8.5	10.625
575	COL43	Z	-57.283	-57.283	10.625	12.75
576	COL43	Z	-57.283	-57.283	12.75	14.875
577	COL43	Z	-57.283	-71.606	14.875	17
578	COL43	Z	-71.606	-71.606	17	19.125
579	COL43	Z	-71.606	-57.283	19.125	21.25
580	COL43	Z	-57.283	-57.283	21.25	23.375
581	COL44	Z	-58.019	-57.646	0	2.125

Member Distributed Loads (BLC 44 : BLC 9 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
582	COL44	Z	-57.646	-71.694	2.125	4.25
583	COL44	Z	-71.694	-71.606	4.25	6.375
584	COL44	Z	-71.606	-57.283	6.375	8.5
585	COL44	Z	-57.283	-57.283	8.5	10.625
586	COL44	Z	-57.283	-57.283	10.625	12.75
587	COL44	Z	-57.283	-57.283	12.75	14.875
588	COL44	Z	-57.283	-71.606	14.875	17
589	COL44	Z	-71.606	-71.606	17	19.125
590	COL44	Z	-71.606	-57.283	19.125	21.25
591	COL44	Z	-57.283	-57.283	21.25	23.375
592	COL45	Z	-54.101	-53.753	0	2.125
593	COL45	Z	-53.753	-66.854	2.125	4.25
594	COL45	Z	-66.854	-66.773	4.25	6.375
595	COL45	Z	-66.773	-53.417	6.375	8.5
596	COL45	Z	-53.417	-53.417	8.5	10.625
597	COL45	Z	-53.417	-53.417	10.625	12.75
598	COL45	Z	-53.417	-53.417	12.75	14.875
599	COL45	Z	-53.417	-66.773	14.875	17
600	COL45	Z	-66.773	-66.773	17	19.125
601	COL45	Z	-66.773	-53.417	19.125	21.25
602	COL45	Z	-53.417	-53.417	21.25	23.375
603	COL58	Z	-62.505	-62.505	0	2
604	COL58	Z	-62.505	-62.505	2	4
605	COL58	Z	-62.505	-62.505	4	6
606	COL58	Z	-62.505	-62.505	6	8
607	COL58	Z	-62.505	-62.505	8	10
608	COL58	Z	-62.505	-62.505	10	12
609	COL58	Z	-62.505	-62.505	12	14
610	COL58	Z	-62.505	-62.505	14	16
611	COL58	Z	-62.505	-62.505	16	18
612	COL58	Z	-62.505	-62.505	18	20
613	COL58	Z	-62.505	-62.505	20	22
614	COL58	Z	-62.505	-62.505	22	24
615	COL58	Z	-62.505	-62.505	24	26
616	COL58	Z	-62.505	-62.505	26	28
617	COL58	Z	-62.505	-62.403	28	30
618	COL58	Z	-62.403	-62.121	30	32
619	COL58	Z	-62.121	-61.76	32	34
620	COL59	Z	-62.505	-62.505	0	2
621	COL59	Z	-62.505	-62.505	2	4
622	COL59	Z	-62.505	-62.505	4	6
623	COL59	Z	-62.505	-62.505	6	8
624	COL59	Z	-62.505	-62.505	8	10
625	COL59	Z	-62.505	-62.505	10	12
626	COL59	Z	-62.505	-62.505	12	14
627	COL59	Z	-62.505	-62.505	14	16
628	COL59	Z	-62.505	-62.505	16	18
629	COL59	Z	-62.505	-62.505	18	20
630	COL59	Z	-62.505	-62.505	20	22
631	COL59	Z	-62.505	-62.505	22	24
632	COL59	Z	-62.505	-62.505	24	26
633	COL59	Z	-62.505	-62.505	26	28
634	COL59	Z	-62.505	-62.403	28	30
635	COL59	Z	-62.403	-62.121	30	32
636	COL59	Z	-62.121	-61.76	32	34
637	COL60	Z	-43.909	-43.909	0	2
638	COL60	Z	-43.909	-43.909	2	4
639	COL60	Z	-43.909	-43.909	4	6
640	COL60	Z	-43.909	-43.909	6	8
641	COL60	Z	-43.909	-43.909	8	10
642	COL60	Z	-43.909	-43.909	10	12
643	COL60	Z	-43.909	-43.909	12	14
644	COL60	Z	-43.909	-43.909	14	16
645	COL60	Z	-43.909	-43.909	16	18
646	COL60	Z	-43.909	-43.909	18	20
647	COL60	Z	-43.909	-43.909	20	22
648	COL60	Z	-43.909	-43.909	22	24
649	COL60	Z	-43.909	-43.909	24	26

Member Distributed Loads (BLC 44 : BLC 9 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
650	COL60	Z	-43.909	-43.909	26	28
651	COL60	Z	-43.909	-43.871	28	30
652	COL60	Z	-43.871	-43.734	30	32
653	COL60	Z	-43.734	-43.535	32	34
654	COL61	Z	-41.716	-41.716	0.003	33.982
655	COL67	Z	-40.927	-40.739	0	2.125
656	COL67	Z	-40.739	-46.215	2.125	4.25
657	COL67	Z	-46.215	-50.705	4.25	6.375
658	COL67	Z	-50.705	-45.099	6.375	8.5
659	COL67	Z	-45.099	-40.573	8.5	10.625
660	COL67	Z	-40.573	-40.573	10.625	12.75
661	COL67	Z	-40.573	-40.573	12.75	14.875
662	COL67	Z	-40.573	-46.179	14.875	17
663	COL67	Z	-46.179	-49.001	17	19.125
664	COL67	Z	-49.001	-45.099	19.125	21.25
665	COL67	Z	-45.099	-42.866	21.25	23.375
666	COL11	Z	-62.502	-62.502	0.003	33.989
667	COL13	Z	-42.617	-42.617	0	2.048
668	COL13	Z	-42.617	-42.617	2.048	4.097
669	COL13	Z	-42.617	-42.617	4.097	6.145
670	COL13	Z	-42.617	-42.617	6.145	8.194
671	COL13	Z	-42.617	-42.617	8.194	10.242
672	COL13	Z	-42.617	-42.617	10.242	12.29
673	COL13	Z	-42.617	-45.57	12.29	14.339
674	COL13	Z	-45.57	-53.271	14.339	16.387
675	COL13	Z	-53.271	-50.318	16.387	18.435
676	COL13	Z	-50.318	-42.617	18.435	20.484
677	COL13	Z	-42.617	-42.617	20.484	22.532
678	COL13	Z	-42.617	-42.617	22.532	24.581
679	COL13	Z	-42.617	-42.617	24.581	26.629
680	COL13	Z	-42.617	-42.621	26.629	28.677
681	COL13	Z	-42.621	-42.65	28.677	30.726
682	COL13	Z	-42.65	-42.7	30.726	32.774
683	COL13	Z	-42.7	-42.73	32.774	34.823
684	COL13	Z	-42.73	-42.734	34.823	36.871
685	COL13	Z	-42.734	-42.727	36.871	38.919
686	COL13	Z	-42.727	-42.715	38.919	40.968
687	COL13	Z	-42.715	-42.689	40.968	43.016
688	COL13	Z	-42.689	-42.58	43.016	45.065
689	COL13	Z	-42.58	-45.314	45.065	47.113
690	COL13	Z	-45.314	-50.285	47.113	49.161
691	COL13	Z	-50.285	-49.389	49.161	51.21
692	COL13	Z	-49.389	-44	51.21	53.258
693	COL13	Z	-44	-41.588	53.258	55.306
694	COL13	Z	-41.588	-41.514	55.306	57.355
695	COL13	Z	-41.514	-41.598	57.355	59.403
696	COL13	Z	-41.598	-41.76	59.403	61.452
697	COL13	Z	-41.76	-41.897	61.452	63.5
698	COL14	Z	-60.409	-60.409	0	2
699	COL14	Z	-60.409	-60.409	2	4
700	COL14	Z	-60.409	-60.409	4	6
701	COL14	Z	-60.409	-60.409	6	8
702	COL14	Z	-60.409	-60.409	8	10
703	COL14	Z	-60.409	-60.409	10	12
704	COL14	Z	-60.409	-60.409	12	14
705	COL14	Z	-60.409	-60.409	14	16
706	COL14	Z	-60.409	-60.409	16	18
707	COL14	Z	-60.409	-60.409	18	20
708	COL14	Z	-60.409	-60.409	20	22
709	COL14	Z	-60.409	-60.409	22	24
710	COL14	Z	-60.409	-60.409	24	26
711	COL14	Z	-60.409	-60.415	26	28
712	COL14	Z	-60.415	-60.469	28	30
713	COL14	Z	-60.469	-60.619	30	32
714	COL14	Z	-60.619	-60.822	32	34
715	COL26	Z	-59.969	-60.075	0	2.029
716	COL26	Z	-60.075	-60.082	2.029	4.058
717	COL26	Z	-60.082	-59.936	4.058	6.088

Member Distributed Loads (BLC 44 : BLC 9 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
718	COL26	Z	-59.936	-59.712	6.088	8.117
719	COL26	Z	-59.712	-60.083	8.117	10.146
720	COL26	Z	-60.083	-61.062	10.146	12.175
721	COL26	Z	-61.062	-61.424	12.175	14.205
722	COL26	Z	-61.424	-61.201	14.205	16.234
723	COL26	Z	-61.201	-61.014	16.234	18.263
724	COL26	Z	-61.014	-60.841	18.263	20.292
725	COL26	Z	-60.841	-60.672	20.292	22.321
726	COL26	Z	-60.672	-60.508	22.321	24.351
727	COL30	Z	-59.788	-60.003	0	2.037
728	COL30	Z	-60.003	-60.191	2.037	4.075
729	COL30	Z	-60.191	-60.357	4.075	6.112
730	COL30	Z	-60.357	-60.512	6.112	8.15
731	COL30	Z	-60.512	-60.594	8.15	10.187
732	COL30	Z	-60.594	-60.588	10.187	12.225
733	COL30	Z	-60.588	-60.564	12.225	14.262
734	COL30	Z	-60.564	-61.827	14.262	16.3
735	COL30	Z	-61.827	-61.949	16.3	18.337
736	COL30	Z	-61.949	-59.199	18.337	20.375
737	COL30	Z	-59.199	-59.118	20.375	22.412
738	COL30	Z	-59.118	-61.021	22.412	24.449
739	COL30	Z	-61.021	-61.755	24.449	26.487
740	COL30	Z	-61.755	-62.464	26.487	28.524
741	COL35	Z	-58.946	-58.938	0	2.116
742	COL35	Z	-58.938	-59.084	2.116	4.232
743	COL35	Z	-59.084	-69.548	4.232	6.349
744	COL35	Z	-69.548	-69.882	6.349	8.465
745	COL35	Z	-69.882	-60.137	8.465	10.581
746	COL35	Z	-60.137	-60.525	10.581	12.697
747	COL35	Z	-60.525	-60.872	12.697	14.813
748	COL35	Z	-60.872	-61.057	14.813	16.929
749	COL35	Z	-61.057	-62.789	16.929	19.046
750	COL35	Z	-62.789	-63.959	19.046	21.162
751	COL35	Z	-63.959	-62.811	21.162	23.278
752	COL35	Z	-62.811	-61.663	23.278	25.394
753	COL37	Z	-61.765	-62.565	0	2.034
754	COL37	Z	-62.565	-63.763	2.034	4.067
755	COL37	Z	-63.763	-64.076	4.067	6.101
756	COL37	Z	-64.076	-62.275	6.101	8.135
757	COL37	Z	-62.275	-60.567	8.135	10.168
758	COL37	Z	-60.567	-60.289	10.168	12.202
759	COL37	Z	-60.289	-60.698	12.202	14.236
760	COL37	Z	-60.698	-61.761	14.236	16.269
761	COL37	Z	-61.761	-62.634	16.269	18.303
762	COL37	Z	-62.634	-62.898	18.303	20.337
763	COL37	Z	-62.898	-63.393	20.337	22.37
764	COL37	Z	-63.393	-62.769	22.37	24.404
765	COL37	Z	-62.769	-60.843	24.404	26.438
766	COL46	Z	-58.676	-58.253	0	2.114
767	COL46	Z	-58.253	-57.793	2.114	4.228
768	COL46	Z	-57.793	-69.603	4.228	6.342
769	COL46	Z	-69.603	-72.92	6.342	8.456
770	COL46	Z	-72.92	-60.984	8.456	10.57
771	COL46	Z	-60.984	-57.521	10.57	12.684
772	COL46	Z	-57.521	-56.995	12.684	14.797
773	COL46	Z	-56.995	-57.693	14.797	16.911
774	COL46	Z	-57.693	-65.876	16.911	19.025
775	COL46	Z	-65.876	-68.274	19.025	21.139
776	COL46	Z	-68.274	-62.37	21.139	23.253
777	COL46	Z	-62.37	-60.748	23.253	25.367
778	COL46	Z	-60.748	-59.656	25.367	27.481
779	COL62	Z	-60.466	-60.466	0	2
780	COL62	Z	-60.466	-60.466	2	4
781	COL62	Z	-60.466	-60.466	4	6
782	COL62	Z	-60.466	-60.466	6	8
783	COL62	Z	-60.466	-60.466	8	10
784	COL62	Z	-60.466	-60.466	10	12
785	COL62	Z	-60.466	-60.466	12	14

Member Distributed Loads (BLC 44 : BLC 9 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
786	COL62	Z	-60.466	-60.466	14	16
787	COL62	Z	-60.466	-60.466	16	18
788	COL62	Z	-60.466	-60.466	18	20
789	COL62	Z	-60.466	-60.466	20	22
790	COL62	Z	-60.466	-60.466	22	24
791	COL62	Z	-60.466	-60.466	24	26
792	COL62	Z	-60.466	-60.466	26	28
793	COL62	Z	-60.466	-60.505	28	30
794	COL62	Z	-60.505	-60.635	30	32
795	COL62	Z	-60.635	-60.816	32	34
796	COL63	Z	-62.501	-62.501	0	2
797	COL63	Z	-62.501	-62.501	2	4
798	COL63	Z	-62.501	-62.501	4	6
799	COL63	Z	-62.501	-62.501	6	8
800	COL63	Z	-62.501	-62.501	8	10
801	COL63	Z	-62.501	-62.501	10	12
802	COL63	Z	-62.501	-62.501	12	14
803	COL63	Z	-62.501	-62.501	14	16
804	COL63	Z	-62.501	-62.501	16	18
805	COL63	Z	-62.501	-62.501	18	20
806	COL63	Z	-62.501	-62.501	20	22
807	COL63	Z	-62.501	-62.501	22	24
808	COL63	Z	-62.501	-62.501	24	26
809	COL63	Z	-62.501	-62.501	26	28
810	COL63	Z	-62.501	-62.502	28	30
811	COL63	Z	-62.502	-62.481	30	32
812	COL63	Z	-62.481	-62.435	32	34
813	COL64	Z	-62.518	-62.518	3.886e-15	34
814	EDGE32	Z	-2.575	-2.575	0	1.85
815	EDGE33	Z	-4.383	-4.383	0	0.551
816	EDGE46	Z	-3.191	-3.191	23.518	25.022
817	COL10	Z	-14.659	-14.659	0	2
818	COL10	Z	-14.659	-14.659	2	4
819	COL10	Z	-14.659	-14.659	4	6
820	COL10	Z	-14.659	-14.659	6	8
821	COL10	Z	-14.659	-14.659	8	10
822	COL10	Z	-14.659	-14.659	10	12
823	COL10	Z	-14.659	-14.659	12	14
824	COL10	Z	-14.659	-14.659	14	16
825	COL10	Z	-14.659	-14.659	16	18
826	COL10	Z	-14.659	-14.659	18	20
827	COL10	Z	-14.659	-14.659	20	22
828	COL10	Z	-14.659	-14.659	22	24
829	COL10	Z	-14.659	-14.659	24	26
830	COL10	Z	-14.659	-14.659	26	28
831	COL10	Z	-14.659	-14.659	28	30
832	COL10	Z	-14.659	-14.659	30	32
833	COL10	Z	-14.659	-14.659	32	34
834	COL10	Z	-14.659	-14.659	34	36
835	COL10	Z	-14.659	-14.658	36	38
836	COL10	Z	-14.658	-14.647	38	40
837	COL10	Z	-14.647	-14.631	40	42
838	COL10	Z	-14.631	-14.6	42	44
839	COL10	Z	-14.6	-14.549	44	46
840	COL68	Z	-27.823	-46.688	0	2.188
841	COL68	Z	-46.688	-46.943	2.188	4.375
842	COL68	Z	-46.943	-37.801	4.375	6.562
843	COL68	Z	-37.801	-37.855	6.562	8.75
844	COL68	Z	-37.855	-47.203	8.75	10.938
845	COL68	Z	-47.203	-47.208	10.938	13.125
846	COL68	Z	-47.208	-37.884	13.125	15.312
847	COL68	Z	-37.884	-37.886	15.312	17.5
848	COL10	Z	-27.031	-27.031	44.5	46
849	COL34	Z	-33.281	-33.281	44.5	46
850	TRUSS10	Z	-62.5	-62.5	0	1.5
851	TRUSS11	Z	-40.726	-69.585	0	2.188
852	TRUSS11	Z	-69.585	-70.503	2.188	4.375
853	TRUSS11	Z	-70.503	-57.219	4.375	6.562

Member Distributed Loads (BLC 44 : BLC 9 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
854	TRUSS11	Z	-57.219	-56.609	6.562	8.75
855	TRUSS11	Z	-56.609	-69.924	8.75	10.938
856	TRUSS11	Z	-69.924	-70.408	10.938	13.125
857	TRUSS11	Z	-70.408	-56.83	13.125	15.312
858	TRUSS11	Z	-56.83	-57.009	15.312	17.5
859	TRUSS12	Z	-40.933	-68.929	0	2.188
860	TRUSS12	Z	-68.929	-69.234	2.188	4.375
861	TRUSS12	Z	-69.234	-55.306	4.375	6.562
862	TRUSS12	Z	-55.306	-57.55	6.562	8.75
863	TRUSS12	Z	-57.55	-71.961	8.75	10.938
864	TRUSS12	Z	-71.961	-70.761	10.938	13.125
865	TRUSS12	Z	-70.761	-57.39	13.125	15.312
866	TRUSS12	Z	-57.39	-56.912	15.312	17.5
867	TRUSS16	Z	-40.933	-68.929	0	2.188
868	TRUSS16	Z	-68.929	-69.234	2.188	4.375
869	TRUSS16	Z	-69.234	-55.306	4.375	6.562
870	TRUSS16	Z	-55.306	-57.55	6.562	8.75
871	TRUSS16	Z	-57.55	-71.961	8.75	10.938
872	TRUSS16	Z	-71.961	-70.761	10.938	13.125
873	TRUSS16	Z	-70.761	-57.39	13.125	15.312
874	TRUSS16	Z	-57.39	-56.912	15.312	17.5
875	TRUSS17	Z	-30.141	-51.694	0	2.188
876	TRUSS17	Z	-51.694	-52.365	2.188	4.375
877	TRUSS17	Z	-52.365	-42.357	4.375	6.562
878	TRUSS17	Z	-42.357	-42.547	6.562	8.75
879	TRUSS17	Z	-42.547	-53.264	8.75	10.938
880	TRUSS17	Z	-53.264	-53.382	10.938	13.125
881	TRUSS17	Z	-53.382	-42.879	13.125	15.312
882	TRUSS17	Z	-42.879	-42.879	15.312	17.5
883	TRUSS20	Z	-37.913	-64.528	0	2.188
884	TRUSS20	Z	-64.528	-65.207	2.188	4.375
885	TRUSS20	Z	-65.207	-52.674	4.375	6.562
886	TRUSS20	Z	-52.674	-52.857	6.562	8.75
887	TRUSS20	Z	-52.857	-66.104	8.75	10.938
888	TRUSS20	Z	-66.104	-66.218	10.938	13.125
889	TRUSS20	Z	-66.218	-53.17	13.125	15.312
890	TRUSS20	Z	-53.17	-53.164	15.312	17.5
891	TRUSS21	Z	-30.143	-51.696	0	2.188
892	TRUSS21	Z	-51.696	-52.369	2.188	4.375
893	TRUSS21	Z	-52.369	-42.358	4.375	6.562
894	TRUSS21	Z	-42.358	-42.544	6.562	8.75
895	TRUSS21	Z	-42.544	-53.263	8.75	10.938
896	TRUSS21	Z	-53.263	-53.383	10.938	13.125
897	TRUSS21	Z	-53.383	-42.879	13.125	15.312
898	TRUSS21	Z	-42.879	-42.879	15.312	17.5
899	TRUSS23	Z	-62.5	-62.5	1.712e-13	1.5
900	TRUSS25	Z	-19.829	-34.427	0	2.188
901	TRUSS25	Z	-34.427	-34.974	2.188	4.375
902	TRUSS25	Z	-34.974	-28.278	4.375	6.562
903	TRUSS25	Z	-28.278	-28.39	6.562	8.75
904	TRUSS25	Z	-28.39	-35.527	8.75	10.938
905	TRUSS25	Z	-35.527	-35.6	10.938	13.125
906	TRUSS25	Z	-35.6	-28.593	13.125	15.312
907	TRUSS25	Z	-28.593	-28.593	15.312	17.5
908	TRUSS27	Z	-62.5	-62.5	0	1.5
909	TRUSS30	Z	-64.531	-64.531	0	1.5
910	TRUSS31	Z	-40.726	-69.585	0	2.188
911	TRUSS31	Z	-69.585	-70.503	2.188	4.375
912	TRUSS31	Z	-70.503	-57.22	4.375	6.562
913	TRUSS31	Z	-57.22	-56.61	6.562	8.75
914	TRUSS31	Z	-56.61	-69.922	8.75	10.938
915	TRUSS31	Z	-69.922	-70.408	10.938	13.125
916	TRUSS31	Z	-70.408	-56.83	13.125	15.312
917	TRUSS31	Z	-56.83	-57.009	15.312	17.5
918	TRUSS36	Z	-42.544	-70.816	0	2.188
919	TRUSS36	Z	-70.816	-71.02	2.188	4.375
920	TRUSS36	Z	-71.02	-57.926	4.375	6.562
921	TRUSS36	Z	-57.926	-59.416	6.562	8.75

Member Distributed Loads (BLC 44 : BLC 9 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
922	TRUSS36	Z	-59.416	-74.394	8.75	10.938
923	TRUSS36	Z	-74.394	-73.921	10.938	13.125
924	TRUSS36	Z	-73.921	-59.015	13.125	15.312
925	TRUSS36	Z	-59.015	-58.799	15.312	17.5
926	TRUSS39	Z	-62.5	-62.5	0	1.5
927	TRUSS40	Z	-62.5	-62.5	0	1.5
928	TRUSS41	Z	-62.5	-62.5	0	1.5
929	TRUSS42	Z	-58.281	-58.281	0	1.5
930	BM10	Z	-487.545	-487.545	0	2.01
931	BM10	Z	-487.545	-487.545	2.01	4.021
932	BM10	Z	-487.545	-487.545	4.021	6.031
933	BM10	Z	-487.545	-487.545	6.031	8.042
934	BM10	Z	-487.545	-487.545	8.042	10.052
935	BM10	Z	-487.545	-487.545	10.052	12.063
936	BM10	Z	-487.545	-487.545	12.063	14.073
937	BM10	Z	-487.545	-487.545	14.073	16.084
938	BM10	Z	-487.545	-487.545	16.084	18.094
939	BM10	Z	-487.545	-487.545	18.094	20.104
940	BM10	Z	-487.545	-487.545	20.104	22.115
941	BM10	Z	-487.545	-487.545	22.115	24.125
942	BM10	Z	-487.545	-487.545	24.125	26.136
943	BM10	Z	-487.545	-486.963	26.136	28.146
944	BM10	Z	-486.963	-484.95	28.146	30.157
945	BM10	Z	-484.95	-482.089	30.157	32.167
946	BM11	Z	-478.43	-478.43	0	2.01
947	BM11	Z	-478.43	-478.43	2.01	4.021
948	BM11	Z	-478.43	-478.43	4.021	6.031
949	BM11	Z	-478.43	-478.43	6.031	8.042
950	BM11	Z	-478.43	-478.43	8.042	10.052
951	BM11	Z	-478.43	-478.746	10.052	12.063
952	BM11	Z	-478.746	-479.643	12.063	14.073
953	BM11	Z	-479.643	-480.786	14.073	16.084
954	BM11	Z	-480.786	-482	16.084	18.094
955	BM11	Z	-482	-482.914	18.094	20.104
956	BM11	Z	-482.914	-483.242	20.104	22.115
957	BM11	Z	-483.242	-483.373	22.115	24.125
958	BM11	Z	-483.373	-483.404	24.125	26.136
959	BM11	Z	-483.404	-482.964	26.136	28.146
960	BM11	Z	-482.964	-481.577	28.146	30.157
961	BM11	Z	-481.577	-479.618	30.157	32.167
962	BM12	Z	-487.545	-487.545	0	2.01
963	BM12	Z	-487.545	-487.545	2.01	4.021
964	BM12	Z	-487.545	-487.545	4.021	6.031
965	BM12	Z	-487.545	-487.545	6.031	8.042
966	BM12	Z	-487.545	-487.545	8.042	10.052
967	BM12	Z	-487.545	-487.545	10.052	12.063
968	BM12	Z	-487.545	-487.545	12.063	14.073
969	BM12	Z	-487.545	-487.545	14.073	16.084
970	BM12	Z	-487.545	-487.545	16.084	18.094
971	BM12	Z	-487.545	-487.545	18.094	20.104
972	BM12	Z	-487.545	-487.545	20.104	22.115
973	BM12	Z	-487.545	-487.545	22.115	24.125
974	BM12	Z	-487.545	-487.545	24.125	26.136
975	BM12	Z	-487.545	-486.963	26.136	28.146
976	BM12	Z	-486.963	-484.95	28.146	30.157
977	BM12	Z	-484.95	-482.089	30.157	32.167
978	BM13	Z	-487.545	-487.545	0	2.01
979	BM13	Z	-487.545	-487.545	2.01	4.021
980	BM13	Z	-487.545	-487.545	4.021	6.031
981	BM13	Z	-487.545	-487.545	6.031	8.042
982	BM13	Z	-487.545	-487.545	8.042	10.052
983	BM13	Z	-487.545	-487.545	10.052	12.063
984	BM13	Z	-487.545	-487.545	12.063	14.073
985	BM13	Z	-487.545	-487.545	14.073	16.084
986	BM13	Z	-487.545	-487.545	16.084	18.094
987	BM13	Z	-487.545	-487.545	18.094	20.104
988	BM13	Z	-487.545	-487.545	20.104	22.115
989	BM13	Z	-487.545	-487.545	22.115	24.125

Member Distributed Loads (BLC 44 : BLC 9 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
990	BM13	Z	-487.545	-487.545	24.125	26.136
991	BM13	Z	-487.545	-486.963	26.136	28.146
992	BM13	Z	-486.963	-484.95	28.146	30.157
993	BM13	Z	-484.95	-482.089	30.157	32.167
994	BM14	Z	-487.545	-487.545	0	2.01
995	BM14	Z	-487.545	-487.545	2.01	4.021
996	BM14	Z	-487.545	-487.545	4.021	6.031
997	BM14	Z	-487.545	-487.545	6.031	8.042
998	BM14	Z	-487.545	-487.545	8.042	10.052
999	BM14	Z	-487.545	-487.545	10.052	12.063
1000	BM14	Z	-487.545	-487.545	12.063	14.073
1001	BM14	Z	-487.545	-487.545	14.073	16.084
1002	BM14	Z	-487.545	-487.545	16.084	18.094
1003	BM14	Z	-487.545	-487.545	18.094	20.104
1004	BM14	Z	-487.545	-487.545	20.104	22.115
1005	BM14	Z	-487.545	-487.545	22.115	24.125
1006	BM14	Z	-487.545	-487.545	24.125	26.136
1007	BM14	Z	-487.545	-486.963	26.136	28.146
1008	BM14	Z	-486.963	-484.95	28.146	30.157
1009	BM14	Z	-484.95	-482.089	30.157	32.167
1010	BM15	Z	-324.547	-324.547	0	2.01
1011	BM15	Z	-324.547	-324.547	2.01	4.021
1012	BM15	Z	-324.547	-324.547	4.021	6.031
1013	BM15	Z	-324.547	-324.547	6.031	8.042
1014	BM15	Z	-324.547	-324.574	8.042	10.052
1015	BM15	Z	-324.574	-324.978	10.052	12.063
1016	BM15	Z	-324.978	-326.045	12.063	14.073
1017	BM15	Z	-326.045	-327.708	14.073	16.084
1018	BM15	Z	-327.708	-330.023	16.084	18.094
1019	BM15	Z	-330.023	-331.822	18.094	20.104
1020	BM15	Z	-331.822	-331.054	20.104	22.115
1021	BM15	Z	-331.054	-328.443	22.115	24.125
1022	BM15	Z	-328.443	-326.038	24.125	26.136
1023	BM15	Z	-326.038	-324.331	26.136	28.146
1024	BM15	Z	-324.331	-323.425	28.146	30.157
1025	BM15	Z	-323.425	-322.984	30.157	32.167
1026	BM18	Z	-487.517	-487.517	0.017	32.162
1027	BM20	Z	-305.913	-306.901	0	2.117
1028	BM20	Z	-306.901	-308.718	2.117	4.233
1029	BM20	Z	-308.718	-354.444	4.233	6.35
1030	BM20	Z	-354.444	-357.143	6.35	8.466
1031	BM20	Z	-357.143	-313.531	8.466	10.583
1032	BM20	Z	-313.531	-309.999	10.583	12.699
1033	BM20	Z	-309.999	-306.953	12.699	14.816
1034	BM20	Z	-306.953	-304.453	14.816	16.932
1035	BM20	Z	-304.453	-356.134	16.932	19.049
1036	BM20	Z	-356.134	-377.293	19.049	21.165
1037	BM20	Z	-377.293	-323.662	21.165	23.282
1038	BM20	Z	-323.662	-301.633	23.282	25.398
1039	BM20	Z	-301.633	-301.633	25.398	27.515
1040	BM21	Z	-457.796	-455.091	0	2.117
1041	BM21	Z	-455.091	-453.183	2.117	4.233
1042	BM21	Z	-453.183	-565.796	4.233	6.35
1043	BM21	Z	-565.796	-565.796	6.35	8.466
1044	BM21	Z	-565.796	-452.627	8.466	10.583
1045	BM21	Z	-452.627	-452.627	10.583	12.699
1046	BM21	Z	-452.627	-452.627	12.699	14.816
1047	BM21	Z	-452.627	-452.627	14.816	16.932
1048	BM21	Z	-452.627	-565.796	16.932	19.049
1049	BM21	Z	-565.796	-565.796	19.049	21.165
1050	BM21	Z	-565.796	-452.627	21.165	23.282
1051	BM21	Z	-452.627	-452.627	23.282	25.398
1052	BM21	Z	-452.627	-452.627	25.398	27.515
1053	BM22	Z	-487.517	-487.517	0.017	32.162
1054	BM24	Z	-457.796	-455.091	0	2.117
1055	BM24	Z	-455.091	-453.183	2.117	4.233
1056	BM24	Z	-453.183	-565.796	4.233	6.35
1057	BM24	Z	-565.796	-565.796	6.35	8.466

Member Distributed Loads (BLC 44 : BLC 9 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1058	BM24	Z	-565.796	-452.627	8.466	10.583
1059	BM24	Z	-452.627	-452.627	10.583	12.699
1060	BM24	Z	-452.627	-452.627	12.699	14.816
1061	BM24	Z	-452.627	-452.627	14.816	16.932
1062	BM24	Z	-452.627	-565.796	16.932	19.049
1063	BM24	Z	-565.796	-565.796	19.049	21.165
1064	BM24	Z	-565.796	-452.627	21.165	23.282
1065	BM24	Z	-452.627	-452.627	23.282	25.398
1066	BM24	Z	-452.627	-452.627	25.398	27.515
1067	BM25	Z	-457.796	-455.091	0	2.117
1068	BM25	Z	-455.091	-453.183	2.117	4.233
1069	BM25	Z	-453.183	-565.796	4.233	6.35
1070	BM25	Z	-565.796	-565.796	6.35	8.466
1071	BM25	Z	-565.796	-452.627	8.466	10.583
1072	BM25	Z	-452.627	-452.627	10.583	12.699
1073	BM25	Z	-452.627	-452.627	12.699	14.816
1074	BM25	Z	-452.627	-452.627	14.816	16.932
1075	BM25	Z	-452.627	-565.796	16.932	19.049
1076	BM25	Z	-565.796	-565.796	19.049	21.165
1077	BM25	Z	-565.796	-452.627	21.165	23.282
1078	BM25	Z	-452.627	-452.627	23.282	25.398
1079	BM25	Z	-452.627	-452.627	25.398	27.515
1080	BM27	Z	-457.796	-455.091	0	2.117
1081	BM27	Z	-455.091	-453.183	2.117	4.233
1082	BM27	Z	-453.183	-565.796	4.233	6.35
1083	BM27	Z	-565.796	-565.796	6.35	8.466
1084	BM27	Z	-565.796	-452.627	8.466	10.583
1085	BM27	Z	-452.627	-452.627	10.583	12.699
1086	BM27	Z	-452.627	-452.627	12.699	14.816
1087	BM27	Z	-452.627	-452.627	14.816	16.932
1088	BM27	Z	-452.627	-565.796	16.932	19.049
1089	BM27	Z	-565.796	-565.796	19.049	21.165
1090	BM27	Z	-565.796	-452.627	21.165	23.282
1091	BM27	Z	-452.627	-452.627	23.282	25.398
1092	BM27	Z	-452.627	-452.627	25.398	27.515
1093	BM32	Z	-487.545	-487.545	0	2.01
1094	BM32	Z	-487.545	-487.545	2.01	4.021
1095	BM32	Z	-487.545	-487.545	4.021	6.031
1096	BM32	Z	-487.545	-487.545	6.031	8.042
1097	BM32	Z	-487.545	-487.545	8.042	10.052
1098	BM32	Z	-487.545	-487.545	10.052	12.063
1099	BM32	Z	-487.545	-487.545	12.063	14.073
1100	BM32	Z	-487.545	-487.545	14.073	16.084
1101	BM32	Z	-487.545	-487.545	16.084	18.094
1102	BM32	Z	-487.545	-487.545	18.094	20.104
1103	BM32	Z	-487.545	-487.545	20.104	22.115
1104	BM32	Z	-487.545	-487.545	22.115	24.125
1105	BM32	Z	-487.545	-487.545	24.125	26.136
1106	BM32	Z	-487.545	-486.963	26.136	28.146
1107	BM32	Z	-486.963	-484.95	28.146	30.157
1108	BM32	Z	-484.95	-482.089	30.157	32.167
1109	BM33	Z	-487.545	-487.545	0	2.01
1110	BM33	Z	-487.545	-487.545	2.01	4.021
1111	BM33	Z	-487.545	-487.545	4.021	6.031
1112	BM33	Z	-487.545	-487.545	6.031	8.042
1113	BM33	Z	-487.545	-487.545	8.042	10.052
1114	BM33	Z	-487.545	-487.545	10.052	12.063
1115	BM33	Z	-487.545	-487.545	12.063	14.073
1116	BM33	Z	-487.545	-487.545	14.073	16.084
1117	BM33	Z	-487.545	-487.545	16.084	18.094
1118	BM33	Z	-487.545	-487.545	18.094	20.104
1119	BM33	Z	-487.545	-487.545	20.104	22.115
1120	BM33	Z	-487.545	-487.545	22.115	24.125
1121	BM33	Z	-487.545	-487.545	24.125	26.136
1122	BM33	Z	-487.545	-486.963	26.136	28.146
1123	BM33	Z	-486.963	-484.95	28.146	30.157
1124	BM33	Z	-484.95	-482.089	30.157	32.167
1125	BM34	Z	-454.632	-454.632	0	2.01

Member Distributed Loads (BLC 44 : BLC 9 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1126	BM34	Z	-454.632	-454.632	2.01	4.021
1127	BM34	Z	-454.632	-454.632	4.021	6.031
1128	BM34	Z	-454.632	-454.632	6.031	8.042
1129	BM34	Z	-454.632	-454.632	8.042	10.052
1130	BM34	Z	-454.632	-454.632	10.052	12.063
1131	BM34	Z	-454.632	-454.632	12.063	14.073
1132	BM34	Z	-454.632	-454.632	14.073	16.084
1133	BM34	Z	-454.632	-454.632	16.084	18.094
1134	BM34	Z	-454.632	-454.632	18.094	20.104
1135	BM34	Z	-454.632	-454.632	20.104	22.115
1136	BM34	Z	-454.632	-454.632	22.115	24.125
1137	BM34	Z	-454.632	-454.632	24.125	26.136
1138	BM34	Z	-454.632	-454.039	26.136	28.146
1139	BM34	Z	-454.039	-452.224	28.146	30.157
1140	BM34	Z	-452.224	-449.78	30.157	32.167
1141	BM38	Z	-454.974	-451.514	0	2.117
1142	BM38	Z	-451.514	-448.569	2.117	4.233
1143	BM38	Z	-448.569	-521.363	4.233	6.35
1144	BM38	Z	-521.363	-547.336	6.35	8.466
1145	BM38	Z	-547.336	-481.055	8.466	10.583
1146	BM38	Z	-481.055	-453.75	10.583	12.699
1147	BM38	Z	-453.75	-444.689	12.699	14.816
1148	BM38	Z	-444.689	-444.689	14.816	16.932
1149	BM38	Z	-444.689	-510.413	16.932	19.049
1150	BM38	Z	-510.413	-555.877	19.049	21.165
1151	BM38	Z	-555.877	-490.153	21.165	23.282
1152	BM38	Z	-490.153	-444.689	23.282	25.398
1153	BM38	Z	-444.689	-444.689	25.398	27.515
1154	BM39	Z	-457.796	-455.091	0	2.117
1155	BM39	Z	-455.091	-453.183	2.117	4.233
1156	BM39	Z	-453.183	-565.796	4.233	6.35
1157	BM39	Z	-565.796	-565.796	6.35	8.466
1158	BM39	Z	-565.796	-452.627	8.466	10.583
1159	BM39	Z	-452.627	-452.627	10.583	12.699
1160	BM39	Z	-452.627	-452.627	12.699	14.816
1161	BM39	Z	-452.627	-452.627	14.816	16.932
1162	BM39	Z	-452.627	-565.796	16.932	19.049
1163	BM39	Z	-565.796	-565.796	19.049	21.165
1164	BM39	Z	-565.796	-452.627	21.165	23.282
1165	BM39	Z	-452.627	-452.627	23.282	25.398
1166	BM39	Z	-452.627	-452.627	25.398	27.515
1167	BM40	Z	-426.789	-424.363	0	2.117
1168	BM40	Z	-424.363	-422.613	2.117	4.233
1169	BM40	Z	-422.613	-527.607	4.233	6.35
1170	BM40	Z	-527.607	-527.607	6.35	8.466
1171	BM40	Z	-527.607	-422.076	8.466	10.583
1172	BM40	Z	-422.076	-422.076	10.583	12.699
1173	BM40	Z	-422.076	-422.076	12.699	14.816
1174	BM40	Z	-422.076	-422.076	14.816	16.932
1175	BM40	Z	-422.076	-527.607	16.932	19.049
1176	BM40	Z	-527.607	-527.607	19.049	21.165
1177	BM40	Z	-527.607	-422.076	21.165	23.282
1178	BM40	Z	-422.076	-422.076	23.282	25.398
1179	BM40	Z	-422.076	-422.076	25.398	27.515
1180	BM41	Z	-457.796	-455.091	0	2.117
1181	BM41	Z	-455.091	-453.183	2.117	4.233
1182	BM41	Z	-453.183	-565.796	4.233	6.35
1183	BM41	Z	-565.796	-565.796	6.35	8.466
1184	BM41	Z	-565.796	-452.627	8.466	10.583
1185	BM41	Z	-452.627	-452.627	10.583	12.699
1186	BM41	Z	-452.627	-452.627	12.699	14.816
1187	BM41	Z	-452.627	-452.627	14.816	16.932
1188	BM41	Z	-452.627	-565.796	16.932	19.049
1189	BM41	Z	-565.796	-565.796	19.049	21.165
1190	BM41	Z	-565.796	-452.627	21.165	23.282
1191	BM41	Z	-452.627	-452.627	23.282	25.398
1192	BM41	Z	-452.627	-452.627	25.398	27.515
1193	BM42	Z	-487.517	-487.517	0.017	32.162

Member Distributed Loads (BLC 44 : BLC 9 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1194	BM43	Z	-479.156	-481.974	0	2.01
1195	BM43	Z	-481.974	-483.714	2.01	4.021
1196	BM43	Z	-483.714	-483.962	4.021	6.031
1197	BM43	Z	-483.962	-483.928	6.031	8.042
1198	BM43	Z	-483.928	-483.94	8.042	10.052
1199	BM43	Z	-483.94	-483.602	10.052	12.063
1200	BM43	Z	-483.602	-482.549	12.063	14.073
1201	BM43	Z	-482.549	-481.181	14.073	16.084
1202	BM43	Z	-481.181	-479.867	16.084	18.094
1203	BM43	Z	-479.867	-478.806	18.094	20.104
1204	BM43	Z	-478.806	-478.443	20.104	22.115
1205	BM43	Z	-478.443	-478.443	22.115	24.125
1206	BM43	Z	-478.443	-478.443	24.125	26.136
1207	BM43	Z	-478.443	-478.443	26.136	28.146
1208	BM43	Z	-478.443	-478.443	28.146	30.157
1209	BM43	Z	-478.443	-478.443	30.157	32.167
1210	BM44	Z	-487.517	-487.517	0.017	32.162
1211	BM45	Z	-449.764	-452.24	0	2.01
1212	BM45	Z	-452.24	-454.055	2.01	4.021
1213	BM45	Z	-454.055	-454.632	4.021	6.031
1214	BM45	Z	-454.632	-454.632	6.031	8.042
1215	BM45	Z	-454.632	-454.632	8.042	10.052
1216	BM45	Z	-454.632	-454.632	10.052	12.063
1217	BM45	Z	-454.632	-454.632	12.063	14.073
1218	BM45	Z	-454.632	-454.632	14.073	16.084
1219	BM45	Z	-454.632	-454.632	16.084	18.094
1220	BM45	Z	-454.632	-454.632	18.094	20.104
1221	BM45	Z	-454.632	-454.632	20.104	22.115
1222	BM45	Z	-454.632	-454.632	22.115	24.125
1223	BM45	Z	-454.632	-454.632	24.125	26.136
1224	BM45	Z	-454.632	-454.632	26.136	28.146
1225	BM45	Z	-454.632	-454.632	28.146	30.157
1226	BM45	Z	-454.632	-454.632	30.157	32.167
1227	BM46	Z	-487.517	-487.517	0.017	32.162
1228	BM47	Z	-487.517	-487.517	0.017	32.162
1229	BM48	Z	-321.238	-322.774	0	2.01
1230	BM48	Z	-322.774	-324.324	2.01	4.021
1231	BM48	Z	-324.324	-326.101	4.021	6.031
1232	BM48	Z	-326.101	-328.535	6.031	8.042
1233	BM48	Z	-328.535	-331.126	8.042	10.052
1234	BM48	Z	-331.126	-331.869	10.052	12.063
1235	BM48	Z	-331.869	-330.086	12.063	14.073
1236	BM48	Z	-330.086	-327.753	14.073	16.084
1237	BM48	Z	-327.753	-326.075	16.084	18.094
1238	BM48	Z	-326.075	-324.986	18.094	20.104
1239	BM48	Z	-324.986	-324.591	20.104	22.115
1240	BM48	Z	-324.591	-324.564	22.115	24.125
1241	BM48	Z	-324.564	-324.564	24.125	26.136
1242	BM48	Z	-324.564	-324.564	26.136	28.146
1243	BM48	Z	-324.564	-324.564	28.146	30.157
1244	BM48	Z	-324.564	-324.564	30.157	32.167
1245	EDGE10	Z	-219.974	-219.974	0	2.085
1246	EDGE10	Z	-219.974	-219.974	2.085	4.17
1247	EDGE10	Z	-219.974	-274.824	4.17	6.255
1248	EDGE10	Z	-274.824	-274.824	6.255	8.341
1249	EDGE10	Z	-274.824	-219.974	8.341	10.426
1250	EDGE10	Z	-219.974	-219.974	10.426	12.511
1251	EDGE10	Z	-219.974	-219.974	12.511	14.596
1252	EDGE10	Z	-219.974	-219.974	14.596	16.681
1253	EDGE10	Z	-219.974	-261.057	16.681	18.766
1254	EDGE10	Z	-261.057	-274.824	18.766	20.851
1255	EDGE10	Z	-274.824	-233.74	20.851	22.937
1256	EDGE10	Z	-233.74	-206.207	22.937	25.022
1257	EDGE17	Z	-108.024	-119.399	0	2.127
1258	EDGE17	Z	-119.399	-122.129	2.127	4.254
1259	EDGE17	Z	-122.129	-114.009	4.254	6.381
1260	EDGE17	Z	-114.009	-108.139	6.381	8.507
1261	EDGE17	Z	-108.139	-106.955	8.507	10.634

Member Distributed Loads (BLC 44 : BLC 9 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1262	EDGE17	Z	-106.955	-106.285	10.634	12.761
1263	EDGE17	Z	-106.285	-119.374	12.761	14.888
1264	EDGE17	Z	-119.374	-132.552	14.888	17.015
1265	EDGE17	Z	-132.552	-119.271	17.015	19.142
1266	EDGE17	Z	-119.271	-106.093	19.142	21.269
1267	EDGE17	Z	-106.093	-106.093	21.269	23.395
1268	EDGE29	Z	-219.974	-219.974	0	2.085
1269	EDGE29	Z	-219.974	-219.974	2.085	4.17
1270	EDGE29	Z	-219.974	-274.824	4.17	6.255
1271	EDGE29	Z	-274.824	-274.824	6.255	8.341
1272	EDGE29	Z	-274.824	-219.974	8.341	10.426
1273	EDGE29	Z	-219.974	-219.974	10.426	12.511
1274	EDGE29	Z	-219.974	-219.974	12.511	14.596
1275	EDGE29	Z	-219.974	-219.974	14.596	16.681
1276	EDGE29	Z	-219.974	-261.057	16.681	18.766
1277	EDGE29	Z	-261.057	-274.824	18.766	20.851
1278	EDGE29	Z	-274.824	-233.74	20.851	22.937
1279	EDGE29	Z	-233.74	-206.207	22.937	25.022
1280	EDGE30	Z	-239.719	-247.382	0	2.127
1281	EDGE30	Z	-247.382	-250.475	2.127	4.254
1282	EDGE30	Z	-250.475	-235.426	4.254	6.381
1283	EDGE30	Z	-235.426	-220.498	6.381	8.507
1284	EDGE30	Z	-220.498	-219.347	8.507	10.634
1285	EDGE30	Z	-219.347	-218.707	10.634	12.761
1286	EDGE30	Z	-218.707	-250.555	12.761	14.888
1287	EDGE30	Z	-250.555	-273.205	14.888	17.015
1288	EDGE30	Z	-273.205	-241.249	17.015	19.142
1289	EDGE30	Z	-241.249	-218.599	19.142	21.269
1290	EDGE30	Z	-218.599	-218.599	21.269	23.395
1291	EDGE31	Z	-219.373	-219.373	0	2.085
1292	EDGE31	Z	-219.373	-219.373	2.085	4.17
1293	EDGE31	Z	-219.373	-242.195	4.17	6.255
1294	EDGE31	Z	-242.195	-265.881	6.255	8.341
1295	EDGE31	Z	-265.881	-254.072	8.341	10.426
1296	EDGE31	Z	-254.072	-233.216	10.426	12.511
1297	EDGE31	Z	-233.216	-226.612	12.511	14.596
1298	EDGE31	Z	-226.612	-229.655	14.596	16.681
1299	EDGE31	Z	-229.655	-249.406	16.681	18.766
1300	EDGE31	Z	-249.406	-242.968	18.766	20.851
1301	EDGE31	Z	-242.968	-218.911	20.851	22.937
1302	EDGE31	Z	-218.911	-220.242	22.937	25.022
1303	EDGE32	Z	-106.645	-106.645	0	2.085
1304	EDGE32	Z	-106.645	-106.645	2.085	4.17
1305	EDGE32	Z	-106.645	-133.222	4.17	6.255
1306	EDGE32	Z	-133.222	-133.222	6.255	8.341
1307	EDGE32	Z	-133.222	-106.645	8.341	10.426
1308	EDGE32	Z	-106.645	-106.645	10.426	12.511
1309	EDGE32	Z	-106.645	-106.645	12.511	14.596
1310	EDGE32	Z	-106.645	-106.645	14.596	16.681
1311	EDGE32	Z	-106.645	-124.36	16.681	18.766
1312	EDGE32	Z	-124.36	-133.824	18.766	20.851
1313	EDGE32	Z	-133.824	-117.462	20.851	22.937
1314	EDGE32	Z	-117.462	-101.238	22.937	25.022
1315	EDGE33	Z	-109.957	-113.181	0	2.085
1316	EDGE33	Z	-113.181	-110.109	2.085	4.17
1317	EDGE33	Z	-110.109	-112.771	4.17	6.255
1318	EDGE33	Z	-112.771	-118.373	6.255	8.341
1319	EDGE33	Z	-118.373	-115.111	8.341	10.426
1320	EDGE33	Z	-115.111	-112.133	10.426	12.511
1321	EDGE33	Z	-112.133	-109.683	12.511	14.596
1322	EDGE33	Z	-109.683	-108.123	14.596	16.681
1323	EDGE33	Z	-108.123	-116.4	16.681	18.766
1324	EDGE33	Z	-116.4	-121.462	18.766	20.851
1325	EDGE33	Z	-121.462	-113.648	20.851	22.937
1326	EDGE33	Z	-113.648	-105.589	22.937	25.022
1327	EDGE43	Z	-218.822	-218.822	0	2.127
1328	EDGE43	Z	-218.822	-236.93	2.127	4.254
1329	EDGE43	Z	-236.93	-273.428	4.254	6.381

Member Distributed Loads (BLC 44 : BLC 9 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1330	EDGE43	Z	-273.428	-255.32	6.381	8.507
1331	EDGE43	Z	-255.32	-218.912	8.507	10.634
1332	EDGE43	Z	-218.912	-219.447	10.634	12.761
1333	EDGE43	Z	-219.447	-220.433	12.761	14.888
1334	EDGE43	Z	-220.433	-239.796	14.888	17.015
1335	EDGE43	Z	-239.796	-254.709	17.015	19.142
1336	EDGE43	Z	-254.709	-242.073	19.142	21.269
1337	EDGE43	Z	-242.073	-224.618	21.269	23.395
1338	EDGE44	Z	-219.291	-219.291	0	2.085
1339	EDGE44	Z	-219.291	-219.291	2.085	4.17
1340	EDGE44	Z	-219.291	-242.076	4.17	6.255
1341	EDGE44	Z	-242.076	-265.375	6.255	8.341
1342	EDGE44	Z	-265.375	-254.243	8.341	10.426
1343	EDGE44	Z	-254.243	-236.075	10.426	12.511
1344	EDGE44	Z	-236.075	-232.616	12.511	14.596
1345	EDGE44	Z	-232.616	-239.438	14.596	16.681
1346	EDGE44	Z	-239.438	-231.006	16.681	18.766
1347	EDGE44	Z	-231.006	-222.763	18.766	20.851
1348	EDGE44	Z	-222.763	-229.325	20.851	22.937
1349	EDGE44	Z	-229.325	-234.557	22.937	25.022
1350	EDGE45	Z	-106.089	-106.089	0	2.127
1351	EDGE45	Z	-106.089	-119.268	2.127	4.254
1352	EDGE45	Z	-119.268	-132.548	4.254	6.381
1353	EDGE45	Z	-132.548	-119.37	6.381	8.507
1354	EDGE45	Z	-119.37	-106.23	8.507	10.634
1355	EDGE45	Z	-106.23	-106.906	10.634	12.761
1356	EDGE45	Z	-106.906	-108.181	12.761	14.888
1357	EDGE45	Z	-108.181	-113.963	14.888	17.015
1358	EDGE45	Z	-113.963	-122.037	17.015	19.142
1359	EDGE45	Z	-122.037	-119.467	19.142	21.269
1360	EDGE45	Z	-119.467	-108.258	21.269	23.395
1361	EDGE46	Z	-106.678	-106.678	0	2.085
1362	EDGE46	Z	-106.678	-106.678	2.085	4.17
1363	EDGE46	Z	-106.678	-133.255	4.17	6.255
1364	EDGE46	Z	-133.255	-133.255	6.255	8.341
1365	EDGE46	Z	-133.255	-106.678	8.341	10.426
1366	EDGE46	Z	-106.678	-106.678	10.426	12.511
1367	EDGE46	Z	-106.678	-106.678	12.511	14.596
1368	EDGE46	Z	-106.678	-106.678	14.596	16.681
1369	EDGE46	Z	-106.678	-124.365	16.681	18.766
1370	EDGE46	Z	-124.365	-133.255	18.766	20.851
1371	EDGE46	Z	-133.255	-115.568	20.851	22.937
1372	EDGE46	Z	-115.568	-97.788	22.937	25.022
1373	EDGE47	Z	-106.476	-106.476	0	2.085
1374	EDGE47	Z	-106.476	-106.476	2.085	4.17
1375	EDGE47	Z	-106.476	-119.729	4.17	6.255
1376	EDGE47	Z	-119.729	-128.604	6.255	8.341
1377	EDGE47	Z	-128.604	-119.851	8.341	10.426
1378	EDGE47	Z	-119.851	-111.077	10.426	12.511
1379	EDGE47	Z	-111.077	-106.682	12.511	14.596
1380	EDGE47	Z	-106.682	-106.801	14.596	16.681
1381	EDGE47	Z	-106.801	-116.038	16.681	18.766
1382	EDGE47	Z	-116.038	-121.421	18.766	20.851
1383	EDGE47	Z	-121.421	-113.641	20.851	22.937
1384	EDGE47	Z	-113.641	-105.561	22.937	25.022
1385	M673	Z	-487.5	-487.5	2.987e-12	27.515
1386	M674	Z	-452.627	-452.627	0	2.117
1387	M674	Z	-452.627	-452.627	2.117	4.233
1388	M674	Z	-452.627	-565.796	4.233	6.35
1389	M674	Z	-565.796	-565.796	6.35	8.466
1390	M674	Z	-565.796	-452.627	8.466	10.583
1391	M674	Z	-452.627	-452.627	10.583	12.699
1392	M674	Z	-452.627	-452.627	12.699	14.816
1393	M674	Z	-452.627	-452.627	14.816	16.932
1394	M674	Z	-452.627	-565.796	16.932	19.049
1395	M674	Z	-565.796	-565.796	19.049	21.165
1396	M674	Z	-565.796	-453.183	21.165	23.282
1397	M674	Z	-453.183	-455.091	23.282	25.398

Member Distributed Loads (BLC 44 : BLC 9 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1398	M674	Z	-455.091	-457.796	25.398	27.515
1399	M675	Z	-301.614	-301.614	0	2.117
1400	M675	Z	-301.614	-301.614	2.117	4.233
1401	M675	Z	-301.614	-377.017	4.233	6.35
1402	M675	Z	-377.017	-377.017	6.35	8.466
1403	M675	Z	-377.017	-301.614	8.466	10.583
1404	M675	Z	-301.614	-301.614	10.583	12.699
1405	M675	Z	-301.614	-301.614	12.699	14.816
1406	M675	Z	-301.614	-301.614	14.816	16.932
1407	M675	Z	-301.614	-377.017	16.932	19.049
1408	M675	Z	-377.017	-377.017	19.049	21.165
1409	M675	Z	-377.017	-301.614	21.165	23.282
1410	M675	Z	-301.614	-301.614	23.282	25.398
1411	M675	Z	-301.614	-301.614	25.398	27.515
1412	M676	Z	-301.588	-301.588	0	2.117
1413	M676	Z	-301.588	-323.617	2.117	4.233
1414	M676	Z	-323.617	-376.991	4.233	6.35
1415	M676	Z	-376.991	-354.962	6.35	8.466
1416	M676	Z	-354.962	-301.588	8.466	10.583
1417	M676	Z	-301.588	-301.588	10.583	12.699
1418	M676	Z	-301.588	-305.978	12.699	14.816
1419	M676	Z	-305.978	-319.196	14.816	16.932
1420	M676	Z	-319.196	-372.601	16.932	19.049
1421	M676	Z	-372.601	-359.397	19.049	21.165
1422	M676	Z	-359.397	-301.964	21.165	23.282
1423	M676	Z	-301.964	-302.994	23.282	25.398
1424	M676	Z	-394.81	-396.17	25.398	27.515
1425	M677	Z	-487.5	-487.5	2.979e-12	27.515
1426	M684	Z	-452.627	-452.627	0	2.117
1427	M684	Z	-452.627	-452.627	2.117	4.233
1428	M684	Z	-452.627	-565.796	4.233	6.35
1429	M684	Z	-565.796	-565.796	6.35	8.466
1430	M684	Z	-565.796	-452.627	8.466	10.583
1431	M684	Z	-452.627	-452.627	10.583	12.699
1432	M684	Z	-452.627	-452.627	12.699	14.816
1433	M684	Z	-452.627	-452.627	14.816	16.932
1434	M684	Z	-452.627	-565.796	16.932	19.049
1435	M684	Z	-565.796	-565.796	19.049	21.165
1436	M684	Z	-565.796	-453.183	21.165	23.282
1437	M684	Z	-453.183	-455.091	23.282	25.398
1438	M684	Z	-761.144	-763.849	25.398	27.515
1439	M685	Z	-487.5	-487.5	2.986e-12	27.515
1440	M686	Z	-452.627	-452.627	0	2.117
1441	M686	Z	-452.627	-452.627	2.117	4.233
1442	M686	Z	-452.627	-565.796	4.233	6.35
1443	M686	Z	-565.796	-565.796	6.35	8.466
1444	M686	Z	-565.796	-452.627	8.466	10.583
1445	M686	Z	-452.627	-452.627	10.583	12.699
1446	M686	Z	-452.627	-452.627	12.699	14.816
1447	M686	Z	-452.627	-452.627	14.816	16.932
1448	M686	Z	-452.627	-565.796	16.932	19.049
1449	M686	Z	-565.796	-565.796	19.049	21.165
1450	M686	Z	-565.796	-453.183	21.165	23.282
1451	M686	Z	-453.183	-455.091	23.282	25.398
1452	M686	Z	-516.302	-519.006	25.398	27.515
1453	M687	Z	-444.755	-444.755	0	2.117
1454	M687	Z	-444.755	-444.755	2.117	4.233
1455	M687	Z	-444.755	-555.944	4.233	6.35
1456	M687	Z	-555.944	-555.944	6.35	8.466
1457	M687	Z	-555.944	-444.755	8.466	10.583
1458	M687	Z	-444.755	-444.755	10.583	12.699
1459	M687	Z	-444.755	-444.755	12.699	14.816
1460	M687	Z	-444.755	-444.755	14.816	16.932
1461	M687	Z	-444.755	-555.944	16.932	19.049
1462	M687	Z	-555.944	-555.944	19.049	21.165
1463	M687	Z	-555.944	-444.755	21.165	23.282
1464	M687	Z	-444.755	-444.755	23.282	25.398
1465	M687	Z	-444.755	-444.755	25.398	27.515

Member Distributed Loads (BLC 44 : BLC 9 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1466	M688	Z	-444.687	-444.687	0	2.117
1467	M688	Z	-444.687	-490.151	2.117	4.233
1468	M688	Z	-490.151	-555.876	4.233	6.35
1469	M688	Z	-555.876	-510.412	6.35	8.466
1470	M688	Z	-510.412	-444.687	8.466	10.583
1471	M688	Z	-444.687	-444.687	10.583	12.699
1472	M688	Z	-444.687	-453.749	12.699	14.816
1473	M688	Z	-453.749	-481.027	14.816	16.932
1474	M688	Z	-481.027	-546.828	16.932	19.049
1475	M688	Z	-546.828	-520.119	19.049	21.165
1476	M688	Z	-520.119	-447.296	21.165	23.282
1477	M688	Z	-447.296	-450.528	23.282	25.398
1478	M688	Z	-695.371	-698.895	25.398	27.515
1479	M689	Z	-487.5	-487.5	2.939e-12	27.515
1480	M690	Z	-452.627	-452.627	0	2.117
1481	M690	Z	-452.627	-452.627	2.117	4.233
1482	M690	Z	-452.627	-565.796	4.233	6.35
1483	M690	Z	-565.796	-565.796	6.35	8.466
1484	M690	Z	-565.796	-452.627	8.466	10.583
1485	M690	Z	-452.627	-452.627	10.583	12.699
1486	M690	Z	-452.627	-452.627	12.699	14.816
1487	M690	Z	-452.627	-452.627	14.816	16.932
1488	M690	Z	-452.627	-565.796	16.932	19.049
1489	M690	Z	-565.796	-565.796	19.049	21.165
1490	M690	Z	-565.796	-453.183	21.165	23.282
1491	M690	Z	-453.183	-455.091	23.282	25.398
1492	M690	Z	-669.328	-672.033	25.398	27.515
1493	M691	Z	-487.5	-487.5	2.771e-12	27.515
1494	M692	Z	-452.627	-452.627	0	2.117
1495	M692	Z	-452.627	-452.627	2.117	4.233
1496	M692	Z	-452.627	-565.796	4.233	6.35
1497	M692	Z	-565.796	-565.796	6.35	8.466
1498	M692	Z	-565.796	-452.627	8.466	10.583
1499	M692	Z	-452.627	-452.627	10.583	12.699
1500	M692	Z	-452.627	-452.627	12.699	14.816
1501	M692	Z	-452.627	-452.627	14.816	16.932
1502	M692	Z	-452.627	-565.796	16.932	19.049
1503	M692	Z	-565.796	-565.796	19.049	21.165
1504	M692	Z	-565.796	-453.183	21.165	23.282
1505	M692	Z	-453.183	-455.091	23.282	25.398
1506	M692	Z	-546.907	-549.612	25.398	27.515
1507	M693	Z	-487.5	-487.5	3.179e-12	27.515
1508	M694	Z	-452.627	-452.627	0	2.117
1509	M694	Z	-452.627	-452.627	2.117	4.233
1510	M694	Z	-452.627	-565.796	4.233	6.35
1511	M694	Z	-565.796	-565.796	6.35	8.466
1512	M694	Z	-565.796	-452.627	8.466	10.583
1513	M694	Z	-452.627	-452.627	10.583	12.699
1514	M694	Z	-452.627	-452.627	12.699	14.816
1515	M694	Z	-452.627	-452.627	14.816	16.932
1516	M694	Z	-452.627	-565.796	16.932	19.049
1517	M694	Z	-565.796	-565.796	19.049	21.165
1518	M694	Z	-565.796	-453.183	21.165	23.282
1519	M694	Z	-453.183	-455.091	23.282	25.398
1520	M694	Z	-455.091	-457.796	25.398	27.515
1521	M695	Z	-454.594	-454.594	3.059e-12	27.515
1522	M696	Z	-422.077	-422.077	0	2.117
1523	M696	Z	-422.077	-422.077	2.117	4.233
1524	M696	Z	-422.077	-527.607	4.233	6.35
1525	M696	Z	-527.607	-527.607	6.35	8.466
1526	M696	Z	-527.607	-422.077	8.466	10.583
1527	M696	Z	-422.077	-422.077	10.583	12.699
1528	M696	Z	-422.077	-422.077	12.699	14.816
1529	M696	Z	-422.077	-422.077	14.816	16.932
1530	M696	Z	-422.077	-527.607	16.932	19.049
1531	M696	Z	-527.607	-527.607	19.049	21.165
1532	M696	Z	-527.607	-422.615	21.165	23.282
1533	M696	Z	-422.615	-424.349	23.282	25.398

Member Distributed Loads (BLC 44 : BLC 9 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1534	M696	Z	-638.586	-640.978	25.398	27.515
1535	DIAPH227	Z	-283.969	-283.969	0	8.257
1536	EDGE12	Z	-260.813	-260.813	0	8.257
1537	EDGE43	Z	-23.156	-23.156	0	8.257
1538	BM16	Z	-378.797	-378.617	0	2.082
1539	BM16	Z	-378.617	-378.117	2.082	4.164
1540	BM16	Z	-378.117	-372.789	4.164	6.246
1541	BM16	Z	-372.789	-371.428	6.246	8.329
1542	BM16	Z	-371.428	-371.967	8.329	10.411
1543	BM16	Z	-371.967	-366.547	10.411	12.493
1544	BM16	Z	-366.547	-366.503	12.493	14.575
1545	BM16	Z	-366.503	-372.486	14.575	16.657
1546	BM16	Z	-372.486	-375.761	16.657	18.739
1547	BM16	Z	-375.761	-370.888	18.739	20.822
1548	BM16	Z	-370.888	-375.675	20.822	22.904
1549	BM16	Z	-375.675	-385.025	22.904	24.986
1550	BM16	Z	-385.025	-385.096	24.986	27.068
1551	BM16	Z	-385.096	-385.15	27.068	29.15
1552	BM17	Z	-282.528	-282.609	0	2.082
1553	BM17	Z	-282.609	-282.705	2.082	4.164
1554	BM17	Z	-282.705	-339.358	4.164	6.246
1555	BM17	Z	-339.358	-343.112	6.246	8.329
1556	BM17	Z	-343.112	-284.638	8.329	10.411
1557	BM17	Z	-284.638	-280.259	10.411	12.493
1558	BM17	Z	-280.259	-283.937	12.493	14.575
1559	BM17	Z	-283.937	-287.409	14.575	16.657
1560	BM17	Z	-287.409	-296.103	16.657	18.739
1561	BM17	Z	-296.103	-340.432	18.739	20.822
1562	BM17	Z	-340.432	-330.254	20.822	22.904
1563	BM17	Z	-330.254	-283.425	22.904	24.986
1564	BM17	Z	-283.425	-283.394	24.986	27.068
1565	BM17	Z	-283.394	-283.27	27.068	29.15
1566	BM35	Z	-384.448	-384.226	0	2.082
1567	BM35	Z	-384.226	-383.677	2.082	4.164
1568	BM35	Z	-383.677	-374.757	4.164	6.246
1569	BM35	Z	-374.757	-365.839	6.246	8.329
1570	BM35	Z	-365.839	-365.23	8.329	10.411
1571	BM35	Z	-365.23	-365.012	10.411	12.493
1572	BM35	Z	-365.012	-364.777	12.493	14.575
1573	BM35	Z	-364.777	-364.469	14.575	16.657
1574	BM35	Z	-364.469	-364.802	16.657	18.739
1575	BM35	Z	-364.802	-366.4	18.739	20.822
1576	BM35	Z	-366.4	-378.691	20.822	22.904
1577	BM35	Z	-378.691	-390.897	22.904	24.986
1578	BM35	Z	-390.897	-392.383	24.986	27.068
1579	BM35	Z	-392.383	-393.232	27.068	29.15
1580	BM36	Z	-384.501	-384.292	0	2.082
1581	BM36	Z	-384.292	-383.761	2.082	4.164
1582	BM36	Z	-383.761	-374.784	4.164	6.246
1583	BM36	Z	-374.784	-365.766	6.246	8.329
1584	BM36	Z	-365.766	-365.145	8.329	10.411
1585	BM36	Z	-365.145	-364.964	10.411	12.493
1586	BM36	Z	-364.964	-364.761	12.493	14.575
1587	BM36	Z	-364.761	-364.49	14.575	16.657
1588	BM36	Z	-364.49	-364.86	16.657	18.739
1589	BM36	Z	-364.86	-366.363	18.739	20.822
1590	BM36	Z	-366.363	-378.601	20.822	22.904
1591	BM36	Z	-378.601	-390.893	22.904	24.986
1592	BM36	Z	-390.893	-392.422	24.986	27.068
1593	BM36	Z	-392.422	-393.294	27.068	29.15
1594	BM37	Z	-372.041	-371.366	0	2.082
1595	BM37	Z	-371.366	-370.238	2.082	4.164
1596	BM37	Z	-370.238	-360.614	4.164	6.246
1597	BM37	Z	-360.614	-351.004	6.246	8.329
1598	BM37	Z	-351.004	-349.591	8.329	10.411
1599	BM37	Z	-349.591	-355.176	10.411	12.493
1600	BM37	Z	-355.176	-364.035	12.493	14.575
1601	BM37	Z	-364.035	-362.498	14.575	16.657

Member Distributed Loads (BLC 44 : BLC 9 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1602	BM37	Z	-362.498	-357.389	16.657	18.739
1603	BM37	Z	-357.389	-347.901	18.739	20.822
1604	BM37	Z	-347.901	-363.192	20.822	22.904
1605	BM37	Z	-363.192	-389.842	22.904	24.986
1606	BM37	Z	-389.842	-377.264	24.986	27.068
1607	BM37	Z	-377.264	-346.497	27.068	29.15
1608	EDGE18	Z	-166.399	-166.42	0	2.082
1609	EDGE18	Z	-166.42	-166.416	2.082	4.164
1610	EDGE18	Z	-166.416	-176.629	4.164	6.246
1611	EDGE18	Z	-176.629	-190.371	6.246	8.329
1612	EDGE18	Z	-190.371	-193.443	8.329	10.411
1613	EDGE18	Z	-193.443	-181.89	10.411	12.493
1614	EDGE18	Z	-181.89	-166.672	12.493	14.575
1615	EDGE18	Z	-166.672	-162.077	14.575	16.657
1616	EDGE18	Z	-162.077	-161.457	16.657	18.739
1617	EDGE18	Z	-161.457	-178.221	18.739	20.822
1618	EDGE18	Z	-178.221	-201.485	20.822	22.904
1619	EDGE18	Z	-201.485	-184.463	22.904	24.986
1620	EDGE18	Z	-184.463	-161.08	24.986	27.068
1621	EDGE18	Z	-161.08	-161.1	27.068	29.15
1622	EDGE34	Z	-111.748	-111.885	0	2.059
1623	EDGE34	Z	-111.885	-112.432	2.059	4.119
1624	EDGE34	Z	-112.432	-113.787	4.119	6.178
1625	EDGE34	Z	-113.787	-116.785	6.178	8.238
1626	EDGE34	Z	-116.785	-122.572	8.238	10.297
1627	EDGE34	Z	-122.572	-122.622	10.297	12.357
1628	EDGE34	Z	-122.622	-116.98	12.357	14.416
1629	EDGE34	Z	-116.98	-114.195	14.416	16.476
1630	EDGE34	Z	-114.195	-113.052	16.476	18.535
1631	EDGE34	Z	-113.052	-112.748	18.535	20.595
1632	EDGE34	Z	-112.748	-113.124	20.595	22.654
1633	EDGE34	Z	-113.124	-114.062	22.654	24.714
1634	EDGE34	Z	-114.062	-115.343	24.714	26.773
1635	EDGE49	Z	-5.838e-15	-127.039	0	0.475
1636	EDGE49	Z	-127.039	-127.039	0.475	0.951
1637	EDGE49	Z	-127.039	-127.797	0.951	1.426
1638	EDGE49	Z	-127.797	-127.797	1.426	1.902
1639	EDGE49	Z	-127.797	-5.838e-15	1.902	2.377
1640	BM36	Z	-105.791	-105.791	10.592	13.428
1641	BM35	Z	-105	-105	12.261	20.351
1642	BM43	Z	-226.552	-226.552	0.181	2.599
1643	BM46	Z	-56.638	-56.638	0.181	2.599
1644	BM38	Z	-226.552	-226.552	7.075	11.912
1645	BM41	Z	-56.638	-56.638	7.075	11.912
1646	BM47	Z	-10.789	-273.61	0	0.643
1647	BM47	Z	-273.61	-261.024	0.643	1.287
1648	BM47	Z	-261.024	-292.544	1.287	1.93
1649	BM47	Z	-292.544	-251.183	1.93	2.573
1650	BM47	Z	-251.183	-10.789	2.573	3.217
1651	M674	Z	21.767	-35.874	24.763	25.313
1652	M674	Z	-35.874	-277.153	25.313	25.864
1653	M674	Z	-277.153	-265.217	25.864	26.414
1654	M674	Z	-265.217	-287.315	26.414	26.964
1655	M674	Z	-287.315	-722.661	26.964	27.515
1656	BM24	Z	-283.19	-283.19	7.075	11.912
1657	BM45	Z	-198.233	-198.233	0.181	2.599
1658	BM48	Z	-84.957	-84.957	0.181	2.599
1659	BM27	Z	0	-116.37	5.503	7.154
1660	BM27	Z	-116.37	-298.511	7.154	8.805
1661	BM27	Z	-298.511	-298.516	8.805	10.456
1662	BM27	Z	-298.516	-116.376	10.456	12.106
1663	BM27	Z	-116.376	0	12.106	13.757
1664	BM18	Z	-84.957	-84.957	0.181	2.599
1665	BM42	Z	-198.233	-198.233	0.181	2.599
1666	BM25	Z	-84.957	-84.957	7.075	11.912
1667	BM39	Z	-198.233	-198.233	7.075	11.912
1668	BM22	Z	-322.311	-325.107	0	1.072
1669	BM22	Z	-325.107	-163.369	1.072	2.144

Member Distributed Loads (BLC 44 : BLC 9 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1670	BM22	Z	-163.369	-0.233	2.144	3.217
1671	M694	Z	0.274	-182.396	24.763	25.68
1672	M694	Z	-182.396	-366.714	25.68	26.597
1673	M694	Z	-366.714	-370.008	26.597	27.515
1674	BM21	Z	-283.19	-283.19	7.075	11.912
1675	BM20	Z	-84.957	-84.957	7.075	11.912
1676	BM40	Z	-198.233	-198.233	7.075	11.912
1677	BM44	Z	-283.19	-283.19	0.181	2.599
1678	BM35	Z	-111.993	-111.993	10.801	19.142
1679	BM36	Z	-55.997	-55.997	10.801	19.142
1680	BM18	Z	-168.039	-168.039	17.529	30.624
1681	M678	Z	-16	-16	7.161e-15	13.333
1682	M680	Z	-16	-16	7.383e-15	13.333
1683	CANOPY10	Z	-16	-16	6.106e-16	13.333
1684	CANOPY13	Z	-16	-16	1.432e-14	25
1685	CANOPY18	Z	-16	-16	9.492e-15	7.667
1686	CANOPY21	Z	-16	-16	9.603e-15	13.333
1687	CANOPY28	Z	-16	-16	1.221e-15	25
1688	CANOPY32	Z	-16	-16	1.432e-14	25
1689	CANOPY33	Z	-16	-16	1.221e-15	25
1690	CANOPY34	Z	-16	-16	1.005e-14	7.667
1691	SCREEN13	Z	-6.25	-6.25	8.882e-16	16
1692	SCREEN21	Z	-6.25	-6.25	1.11e-15	16
1693	SCREEN11	Z	-6.25	-6.25	2.776e-16	3.5
1694	SCREEN12	Z	-6.25	-6.25	3.764e-14	15
1695	SCREEN15	Z	-6.25	-6.25	9.77e-15	15
1696	SCREEN23	Z	-6.25	-6.25	1.776e-14	25
1697	SCREEN24	Z	-6.25	-6.25	2.22e-16	3.5
1698	SCREEN25	Z	-6.25	-6.25	1.954e-14	25
1699	SCREEN10	Z	-6.25	-6.25	8.882e-16	16
1700	SCREEN22	Z	-6.25	-6.25	8.882e-16	16
1701	M698	Z	-16	-16	0	4.25
1702	M699	Z	-16	-16	3.331e-16	4.25
1703	M712	Z	-16	-16	1.432e-14	25
1704	M713	Z	-16	-16	1.51e-14	25
1705	M702	Z	-16	-16	0	25
1706	M703	Z	-16	-16	3.331e-16	25
1707	M710	Z	-16	-16	1.898e-14	25
1708	M711	Z	-16	-16	1.898e-14	25
1709	M706	Z	-16	-16	1.221e-15	25
1710	M707	Z	-16	-16	1.221e-15	25

Member Distributed Loads (BLC 45 : BLC 10 Transient Area Loads)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	SCREEN16	X	542.925	542.925	2.729	7.729
2	SCREEN17	X	285.75	285.75	2.729	7.729
3	SCREEN19	X	66.675	66.675	2.729	7.729
4	SCREEN20	X	762	762	2.729	7.729
5	COL65	X	288.131	288.131	12.667	17.5
6	PARAPET1	X	952.5	952.5	0	4.833
7	PARAPET2	X	952.5	952.5	0	4.833
8	PARAPET3	X	921.544	921.544	3.508e-14	4.833
9	PARAPET4	X	445.294	445.294	0	4.833
10	PARAPET5	X	764.381	764.381	6.661e-16	4.833
11	PARAPET6	X	952.5	952.5	0	4.833
12	COL29	X	22.653	65.574	4.681	6.762
13	COL29	X	65.574	87.035	6.762	8.842
14	COL29	X	87.035	87.035	8.842	10.923
15	COL29	X	87.035	87.035	10.923	13.003
16	COL29	X	87.035	87.035	13.003	15.084
17	COL29	X	87.035	108.495	15.084	17.164
18	COL29	X	108.495	108.495	17.164	19.245
19	COL29	X	108.495	87.035	19.245	21.325
20	COL29	X	87.035	87.035	21.325	23.406
21	COL49	X	103.084	105.481	44.45	46.567
22	COL49	X	105.481	86.402	46.567	48.683
23	COL49	X	86.402	86.402	48.683	50.8
24	COL49	X	86.402	86.402	50.8	52.917

Member Distributed Loads (BLC 45 : BLC 10 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
25	COL49	X	86.402	102.361	52.917	55.033
26	COL49	X	102.361	107.707	55.033	57.15
27	COL49	X	107.707	91.748	57.15	59.267
28	COL49	X	91.748	86.402	59.267	61.383
29	COL49	X	86.402	86.402	61.383	63.5
30	COL31	X	137.553	396.156	10.575	12.841
31	COL31	X	396.156	528.882	12.841	15.107
32	COL31	X	528.882	540.1	15.107	17.373
33	COL31	X	540.1	602.418	17.373	19.639
34	COL31	X	602.418	616	19.639	21.905
35	COL31	X	616	564.4	21.905	24.171
36	COL31	X	564.4	543.086	24.171	26.438
37	COL33	X	144.554	414.451	10.992	13.053
38	COL33	X	414.451	550.381	13.053	15.115
39	COL33	X	550.381	572.061	15.115	17.176
40	COL33	X	572.061	610.816	17.176	19.237
41	COL33	X	610.816	598.311	19.237	21.298
42	COL33	X	598.311	571.983	21.298	23.359
43	COL33	X	571.983	559.514	23.359	25.42
44	COL33	X	559.514	526.108	25.42	27.481
45	COL47	X	429.775	432.019	11.41	13.549
46	COL47	X	432.019	435.082	13.549	15.688
47	COL47	X	435.082	440.964	15.688	17.828
48	COL47	X	440.964	451.626	17.828	19.967
49	COL47	X	451.626	444.306	19.967	22.106
50	COL47	X	444.306	428.275	22.106	24.246
51	COL47	X	428.275	430.158	24.246	26.385
52	COL47	X	430.158	437.897	26.385	28.524
53	COL48	X	1.285	363.006	10.158	12.334
54	COL48	X	363.006	621.361	12.334	14.511
55	COL48	X	621.361	514.264	14.511	16.688
56	COL48	X	514.264	540.007	16.688	18.864
57	COL48	X	540.007	580.076	18.864	21.041
58	COL48	X	580.076	572.674	21.041	23.217
59	COL48	X	572.674	536.681	23.217	25.394
60	EDGE10	X	27.688	27.688	23.467	25.022
61	EDGE29	X	21.696	21.696	0.513	1.513
62	EDGE31	X	39.106	39.106	0	0.559
63	X_RIGID1	X	155.079	155.06	0	2.144
64	X_RIGID1	X	155.06	188.813	2.144	4.289
65	X_RIGID1	X	188.813	194.356	4.289	6.433
66	X_RIGID1	X	194.356	156.703	6.433	8.578
67	X_RIGID1	X	156.703	162.81	8.578	10.722
68	X_RIGID1	X	162.81	170.445	10.722	12.867
69	X_RIGID1	X	170.445	162.985	12.867	15.011
70	X_RIGID1	X	162.985	163.873	15.011	17.156
71	COL36	X	0.127	266.54	9.74	11.827
72	COL36	X	266.54	532.029	11.827	13.915
73	COL36	X	532.029	529.615	13.915	16.002
74	COL36	X	529.615	531.171	16.002	18.089
75	COL36	X	531.171	536.87	18.089	20.176
76	COL36	X	536.87	537.739	20.176	22.263
77	COL36	X	537.739	534.173	22.263	24.351
78	COL66	X	188.207	241.859	11.688	14.025
79	COL66	X	241.859	269.255	14.025	16.363
80	COL66	X	269.255	246.86	16.363	18.7
81	COL66	X	246.86	269.255	18.7	21.037
82	COL66	X	269.255	359.972	21.037	23.375
83	COL29	X	32.256	95.825	0	1.404
84	COL29	X	95.825	96.805	1.404	2.809
85	COL29	X	96.805	66.104	2.809	4.213
86	COL29	X	66.104	66.256	4.213	5.617
87	COL29	X	66.256	66.35	5.617	7.022
88	COL49	X	-1.166e-14	38.903	31.75	33.867
89	COL49	X	38.903	77.989	33.867	35.983
90	COL49	X	77.989	78.568	35.983	38.1
91	COL49	X	78.568	79.292	38.1	40.217
92	COL49	X	79.292	80.024	40.217	42.333

Member Distributed Loads (BLC 45 : BLC 10 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
93	COL49	X	80.024	80.596	42.333	44.45
94	COL65	X	-0.118	24.782	31.8	33.39
95	COL65	X	24.782	49.701	33.39	34.98
96	COL65	X	49.701	74.993	34.98	36.57
97	COL65	X	74.993	101.441	36.57	38.16
98	COL65	X	101.441	103.793	38.16	39.75
99	COL31	X	525	525	1.776e-15	12
100	COL33	X	525	525	2.22e-15	12
101	COL36	X	507.938	507.938	2.109e-14	12
102	COL47	X	421.312	421.312	8.882e-16	12
103	COL48	X	525	525	2.109e-15	12
104	COL66	X	245.437	245.437	0	12
105	X_RIGID3	X	158.813	158.813	11.25	23.25
106	COL20	X	231.413	231.413	22.75	34
107	COL23	X	495	495	22.75	34
108	COL54	X	397.238	397.238	22.75	34
109	COL55	X	495	495	22.75	34
110	COL56	X	495	495	22.75	34
111	COL57	X	478.913	478.913	22.75	34
112	X_RIGID3	X	149.738	149.738	8.882e-16	11.25
113	COL49	X	81.675	81.675	22.75	34.375
114	COL65	X	81.675	81.675	22.75	34.375
115	COL49	X	75.075	75.075	12.667	22.75
116	COL65	X	75.075	75.075	12.667	22.75
117	COL20	X	212.712	212.712	13.881	22.75
118	COL23	X	455	455	13.881	22.75
119	COL54	X	243.807	243.807	13.881	22.75
120	COL55	X	227.5	227.5	13.881	22.75
121	COL56	X	348.83	348.83	13.881	22.75
122	COL57	X	440.213	440.213	13.881	22.75
123	COL69	X	227.5	227.5	13.881	22.75
124	COL70	X	227.5	227.5	13.881	22.75
125	X_RIGID2	X	137.638	137.638	3.886e-15	8.869
126	COL16	X	207.5	207.5	3.997e-15	12.667
127	COL18	X	318.164	318.164	4.885e-15	12.667
128	COL39	X	194.013	194.013	1.366e-14	12.667
129	COL49	X	68.475	68.475	5.551e-16	12.667
130	COL50	X	222.374	222.374	1.665e-15	12.667
131	COL51	X	415	415	6.661e-15	12.667
132	COL52	X	271.136	271.136	1.588e-14	12.667
133	COL53	X	130.376	130.376	1.632e-14	12.667
134	COL65	X	194.013	194.013	2.554e-15	12.667
135	COL71	X	207.5	207.5	3.664e-15	12.667
136	M682	X	207.5	207.5	6.106e-15	12.667
137	COL11	X	245.008	245.008	0.003	33.989
138	COL13	X	111.172	111.172	0	2.048
139	COL13	X	111.172	111.172	2.048	4.097
140	COL13	X	111.172	111.172	4.097	6.145
141	COL13	X	111.172	111.172	6.145	8.194
142	COL13	X	111.172	111.172	8.194	10.242
143	COL13	X	111.172	111.172	10.242	12.29
144	COL13	X	111.172	120.425	12.29	14.339
145	COL13	X	120.425	138.966	14.339	16.387
146	COL13	X	138.966	129.714	16.387	18.435
147	COL13	X	129.714	111.172	18.435	20.484
148	COL13	X	111.172	111.172	20.484	22.532
149	COL13	X	111.172	111.172	22.532	24.581
150	COL13	X	111.172	111.172	24.581	26.629
151	COL13	X	111.172	111.188	26.629	28.677
152	COL13	X	111.188	111.303	28.677	30.726
153	COL13	X	111.303	111.5	30.726	32.774
154	COL13	X	111.5	111.614	32.774	34.823
155	COL13	X	111.614	111.63	34.823	36.871
156	COL13	X	111.63	111.63	36.871	38.919
157	COL13	X	111.63	111.63	38.919	40.968
158	COL13	X	111.63	111.551	40.968	43.016
159	COL13	X	111.551	111.137	43.016	45.065
160	COL13	X	111.137	117.289	45.065	47.113

Member Distributed Loads (BLC 45 : BLC 10 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
161	COL13	X	117.289	129.965	47.113	49.161
162	COL13	X	129.965	128.863	49.161	51.21
163	COL13	X	128.863	114.681	51.21	53.258
164	COL13	X	114.681	107.531	53.258	55.306
165	COL13	X	107.531	107.24	55.306	57.355
166	COL13	X	107.24	107.571	57.355	59.403
167	COL13	X	107.571	108.202	59.403	61.452
168	COL13	X	108.202	108.74	61.452	63.5
169	COL14	X	236.802	236.802	0	2
170	COL14	X	236.802	236.802	2	4
171	COL14	X	236.802	236.802	4	6
172	COL14	X	236.802	236.802	6	8
173	COL14	X	236.802	236.802	8	10
174	COL14	X	236.802	236.802	10	12
175	COL14	X	236.802	236.802	12	14
176	COL14	X	236.802	236.802	14	16
177	COL14	X	236.802	236.802	16	18
178	COL14	X	236.802	236.802	18	20
179	COL14	X	236.802	236.802	20	22
180	COL14	X	236.802	236.802	22	24
181	COL14	X	236.802	236.802	24	26
182	COL14	X	236.802	236.825	26	28
183	COL14	X	236.825	237.038	28	30
184	COL14	X	237.038	237.626	30	32
185	COL14	X	237.626	238.422	32	34
186	COL26	X	235.08	235.495	0	2.029
187	COL26	X	235.495	235.522	2.029	4.058
188	COL26	X	235.522	234.947	4.058	6.088
189	COL26	X	234.947	234.071	6.088	8.117
190	COL26	X	234.071	235.525	8.117	10.146
191	COL26	X	235.525	239.365	10.146	12.175
192	COL26	X	239.365	240.784	12.175	14.205
193	COL26	X	240.784	239.908	14.205	16.234
194	COL26	X	239.908	239.177	16.234	18.263
195	COL26	X	239.177	238.496	18.263	20.292
196	COL26	X	238.496	237.834	20.292	22.321
197	COL26	X	237.834	237.193	22.321	24.351
198	COL30	X	234.368	235.212	0	2.037
199	COL30	X	235.212	235.949	2.037	4.075
200	COL30	X	235.949	236.601	4.075	6.112
201	COL30	X	236.601	237.209	6.112	8.15
202	COL30	X	237.209	237.528	8.15	10.187
203	COL30	X	237.528	237.504	10.187	12.225
204	COL30	X	237.504	237.413	12.225	14.262
205	COL30	X	237.413	242.363	14.262	16.3
206	COL30	X	242.363	242.84	16.3	18.337
207	COL30	X	242.84	232.061	18.337	20.375
208	COL30	X	232.061	231.742	20.375	22.412
209	COL30	X	231.742	239.2	22.412	24.449
210	COL30	X	239.2	242.08	24.449	26.487
211	COL30	X	242.08	244.858	26.487	28.524
212	COL35	X	231.066	231.039	0	2.116
213	COL35	X	231.039	231.609	2.116	4.232
214	COL35	X	231.609	272.629	4.232	6.349
215	COL35	X	272.629	273.939	6.349	8.465
216	COL35	X	273.939	235.739	8.465	10.581
217	COL35	X	235.739	237.258	10.581	12.697
218	COL35	X	237.258	238.62	12.697	14.813
219	COL35	X	238.62	239.342	14.813	16.929
220	COL35	X	239.342	246.135	16.929	19.046
221	COL35	X	246.135	250.721	19.046	21.162
222	COL35	X	250.721	246.218	21.162	23.278
223	COL35	X	246.218	241.717	23.278	25.394
224	COL37	X	242.118	245.256	0	2.034
225	COL37	X	245.256	249.951	2.034	4.067
226	COL37	X	249.951	251.177	4.067	6.101
227	COL37	X	251.177	244.116	6.101	8.135
228	COL37	X	244.116	237.424	8.135	10.168

Member Distributed Loads (BLC 45 : BLC 10 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
229	COL37	X	237.424	236.332	10.168	12.202
230	COL37	X	236.332	237.937	12.202	14.236
231	COL37	X	237.937	242.102	14.236	16.269
232	COL37	X	242.102	245.527	16.269	18.303
233	COL37	X	245.527	246.562	18.303	20.337
234	COL37	X	246.562	248.499	20.337	22.37
235	COL37	X	248.499	246.053	22.37	24.404
236	COL37	X	246.053	238.505	24.404	26.438
237	COL46	X	230.012	228.354	0	2.114
238	COL46	X	228.354	226.548	2.114	4.228
239	COL46	X	226.548	272.845	4.228	6.342
240	COL46	X	272.845	285.848	6.342	8.456
241	COL46	X	285.848	239.056	8.456	10.57
242	COL46	X	239.056	225.483	10.57	12.684
243	COL46	X	225.483	223.421	12.684	14.797
244	COL46	X	223.421	226.156	14.797	16.911
245	COL46	X	226.156	258.232	16.911	19.025
246	COL46	X	258.232	267.633	19.025	21.139
247	COL46	X	267.633	244.489	21.139	23.253
248	COL46	X	244.489	238.134	23.253	25.367
249	COL46	X	238.134	233.852	25.367	27.481
250	COL60	X	114.544	114.544	0	2
251	COL60	X	114.544	114.544	2	4
252	COL60	X	114.544	114.544	4	6
253	COL60	X	114.544	114.544	6	8
254	COL60	X	114.544	114.544	8	10
255	COL60	X	114.544	114.544	10	12
256	COL60	X	114.544	114.544	12	14
257	COL60	X	114.544	114.544	14	16
258	COL60	X	114.544	114.544	16	18
259	COL60	X	114.544	114.544	18	20
260	COL60	X	114.544	114.544	20	22
261	COL60	X	114.544	114.544	22	24
262	COL60	X	114.544	114.544	24	26
263	COL60	X	114.544	114.544	26	28
264	COL60	X	114.544	114.468	28	30
265	COL60	X	114.468	114.172	30	32
266	COL60	X	114.172	113.731	32	34
267	COL62	X	237.027	237.027	0	2
268	COL62	X	237.027	237.027	2	4
269	COL62	X	237.027	237.027	4	6
270	COL62	X	237.027	237.027	6	8
271	COL62	X	237.027	237.027	8	10
272	COL62	X	237.027	237.027	10	12
273	COL62	X	237.027	237.027	12	14
274	COL62	X	237.027	237.027	14	16
275	COL62	X	237.027	237.027	16	18
276	COL62	X	237.027	237.027	18	20
277	COL62	X	237.027	237.027	20	22
278	COL62	X	237.027	237.027	22	24
279	COL62	X	237.027	237.027	24	26
280	COL62	X	237.027	237.027	26	28
281	COL62	X	237.027	237.18	28	30
282	COL62	X	237.18	237.687	30	32
283	COL62	X	237.687	238.397	32	34
284	COL63	X	245.003	245.003	0	2
285	COL63	X	245.003	245.003	2	4
286	COL63	X	245.003	245.003	4	6
287	COL63	X	245.003	245.003	6	8
288	COL63	X	245.003	245.003	8	10
289	COL63	X	245.003	245.003	10	12
290	COL63	X	245.003	245.003	12	14
291	COL63	X	245.003	245.003	14	16
292	COL63	X	245.003	245.003	16	18
293	COL63	X	245.003	245.003	18	20
294	COL63	X	245.003	245.003	20	22
295	COL63	X	245.003	245.003	22	24
296	COL63	X	245.003	245.003	24	26

Member Distributed Loads (BLC 45 : BLC 10 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
297	COL63	X	245.003	245.003	26	28
298	COL63	X	245.003	245.009	28	30
299	COL63	X	245.009	244.925	30	32
300	COL63	X	244.925	244.745	32	34
301	COL64	X	245.07	245.07	3.886e-15	34
302	COL67	X	107.049	106.628	0	2.125
303	COL67	X	106.628	115.127	2.125	4.25
304	COL67	X	115.127	132.8	4.25	6.375
305	COL67	X	132.8	124.02	6.375	8.5
306	COL67	X	124.02	106.278	8.5	10.625
307	COL67	X	106.278	106.278	10.625	12.75
308	COL67	X	106.278	106.278	12.75	14.875
309	COL67	X	106.278	115.058	14.875	17
310	COL67	X	115.058	126.118	17	19.125
311	COL67	X	126.118	124.02	19.125	21.25
312	COL67	X	124.02	115.263	21.25	23.375
313	EDGE32	X	10.094	10.094	0	1.85
314	EDGE33	X	17.18	17.18	0	0.551
315	EDGE46	X	12.507	12.507	23.518	25.022

Member Distributed Loads (BLC 46 : BLC 11 Transient Area Loads)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	COL54	X	-129.333	-128.757	15.64	17.68
2	COL54	X	-128.757	-128.542	17.68	19.72
3	COL54	X	-128.542	-145.484	19.72	21.76
4	COL54	X	-145.484	-179.677	21.76	23.8
5	COL54	X	-179.677	-195.703	23.8	25.84
6	COL54	X	-195.703	-192.24	25.84	27.88
7	COL54	X	-192.24	-194.118	27.88	29.92
8	COL54	X	-194.118	-196.586	29.92	31.96
9	COL54	X	-196.586	-193.494	31.96	34
10	COL55	X	-121.007	-120.393	13.6	15.64
11	COL55	X	-120.393	-119.675	15.64	17.68
12	COL55	X	-119.675	-119.226	17.68	19.72
13	COL55	X	-119.226	-153.681	19.72	21.76
14	COL55	X	-153.681	-214.214	21.76	23.8
15	COL55	X	-214.214	-241.394	23.8	25.84
16	COL55	X	-241.394	-246.366	25.84	27.88
17	COL55	X	-246.366	-247.259	27.88	29.92
18	COL55	X	-247.259	-241.924	29.92	31.96
19	COL55	X	-241.924	-237.132	31.96	34
20	COL56	X	-186.396	-186.289	13.6	15.64
21	COL56	X	-186.289	-186.137	15.64	17.68
22	COL56	X	-186.137	-185.764	17.68	19.72
23	COL56	X	-185.764	-202.885	19.72	21.76
24	COL56	X	-202.885	-228.724	21.76	23.8
25	COL56	X	-228.724	-239.395	23.8	25.84
26	COL56	X	-239.395	-247.518	25.84	27.88
27	COL56	X	-247.518	-246.769	27.88	29.92
28	COL56	X	-246.769	-240.151	29.92	31.96
29	COL56	X	-240.151	-240.204	31.96	34
30	COL57	X	-233.764	-233.764	13.6	15.64
31	COL57	X	-233.764	-233.764	15.64	17.68
32	COL57	X	-233.764	-233.764	17.68	19.72
33	COL57	X	-233.764	-233.764	19.72	21.76
34	COL57	X	-233.764	-233.764	21.76	23.8
35	COL57	X	-233.764	-233.764	23.8	25.84
36	COL57	X	-233.764	-233.764	25.84	27.88
37	COL57	X	-233.764	-233.859	27.88	29.92
38	COL57	X	-233.859	-234.124	29.92	31.96
39	COL57	X	-234.124	-234.466	31.96	34
40	COL66	X	-107.333	-106.801	0	2.125
41	COL66	X	-106.801	-115.185	2.125	4.25
42	COL66	X	-115.185	-132.797	4.25	6.375
43	COL66	X	-132.797	-124.017	6.375	8.5
44	COL66	X	-124.017	-106.275	8.5	10.625
45	COL66	X	-106.275	-106.275	10.625	12.75
46	COL66	X	-106.275	-106.275	12.75	14.875

Member Distributed Loads (BLC 46 : BLC 11 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
47	COL66	X	-106.275	-115.055	14.875	17
48	COL66	X	-115.055	-126.115	17	19.125
49	COL66	X	-126.115	-124.017	19.125	21.25
50	COL66	X	-124.017	-115.26	21.25	23.375
51	COL69	X	-97.693	-109.957	13.65	15.47
52	COL69	X	-109.957	-127.915	15.47	17.29
53	COL69	X	-127.915	-130.162	17.29	19.11
54	COL69	X	-130.162	-119.884	19.11	20.93
55	COL69	X	-119.884	-118.489	20.93	22.75
56	COL70	X	-97.693	-109.957	13.65	15.47
57	COL70	X	-109.957	-127.915	15.47	17.29
58	COL70	X	-127.915	-130.162	17.29	19.11
59	COL70	X	-130.162	-119.884	19.11	20.93
60	COL70	X	-119.884	-118.489	20.93	22.75
61	EDGE10	X	-12.505	-12.505	23.518	25.022
62	EDGE29	X	-9.249	-9.249	0.714	1.714
63	EDGE31	X	-17.194	-17.194	0	0.55
64	X_RIGID1	X	-67.94	-68.317	0	2.144
65	X_RIGID1	X	-68.317	-75.023	2.144	4.289
66	X_RIGID1	X	-75.023	-77.512	4.289	6.433
67	X_RIGID1	X	-77.512	-71.544	6.433	8.578
68	X_RIGID1	X	-71.544	-74.279	8.578	10.722
69	X_RIGID1	X	-74.279	-75.814	10.722	12.867
70	X_RIGID1	X	-75.814	-72.656	12.867	15.011
71	X_RIGID1	X	-72.656	-72.619	15.011	17.156
72	X_RIGID2	X	-111.569	-66.549	0	1.774
73	X_RIGID2	X	-66.549	-66.333	1.774	3.548
74	X_RIGID2	X	-66.333	-85.391	3.548	5.321
75	X_RIGID2	X	-85.391	-68.044	5.321	7.095
76	X_RIGID2	X	-68.044	-39.822	7.095	8.869
77	X_RIGID3	X	-72.237	-79.361	0	2.114
78	X_RIGID3	X	-79.361	-82.356	2.114	4.227
79	X_RIGID3	X	-82.356	-75.268	4.227	6.341
80	X_RIGID3	X	-75.268	-68.751	6.341	8.455
81	X_RIGID3	X	-68.751	-68.797	8.455	10.568
82	X_RIGID3	X	-68.797	-68.882	10.568	12.682
83	X_RIGID3	X	-68.882	-73.266	12.682	14.795
84	X_RIGID3	X	-73.266	-86.125	14.795	16.909
85	X_RIGID3	X	-86.125	-81.756	16.909	19.023
86	X_RIGID3	X	-81.756	-68.943	19.023	21.136
87	X_RIGID3	X	-68.943	-69.091	21.136	23.25
88	COL11	X	-415	-415	0	13.292
89	COL13	X	-194.013	-194.013	3.386e-15	13.292
90	COL14	X	-401.513	-401.513	1.554e-14	13.292
91	COL60	X	-194.013	-194.013	1.865e-14	13.292
92	COL62	X	-401.513	-401.513	1.732e-14	13.292
93	COL63	X	-415	-415	0	13.292
94	COL64	X	-415	-415	1.554e-14	13.292
95	COL11	X	-455	-455	13.292	22.75
96	COL13	X	-212.713	-212.713	13.292	22.75
97	COL14	X	-440.213	-440.213	13.292	22.75
98	COL60	X	-212.713	-212.713	13.292	22.75
99	COL62	X	-440.212	-440.212	13.292	22.75
100	COL63	X	-455	-455	13.292	22.75
101	COL64	X	-455	-455	13.292	22.75
102	COL11	X	-495	-495	22.75	34
103	COL13	X	-231.413	-231.413	22.75	34
104	COL14	X	-478.913	-478.913	22.75	34
105	COL60	X	-231.412	-231.412	22.75	34
106	COL62	X	-478.913	-478.913	22.75	34
107	COL63	X	-495	-495	22.75	34
108	COL64	X	-495	-495	22.75	34
109	COL13	X	-245.437	-245.437	34	46
110	COL26	X	-507.937	-507.937	0	12
111	COL30	X	-507.938	-507.938	1.688e-14	12
112	COL35	X	-525	-525	2.109e-15	12
113	COL37	X	-525	-525	1.776e-15	12
114	COL46	X	-525	-525	2.109e-15	12

Member Distributed Loads (BLC 46 : BLC 11 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
115	COL67	X	-245.438	-245.438	1.998e-14	12
116	COL26	X	-0.128	-266.575	9.74	11.827
117	COL26	X	-266.575	-531.998	11.827	13.915
118	COL26	X	-531.998	-529.529	13.915	16.002
119	COL26	X	-529.529	-531.064	16.002	18.089
120	COL26	X	-531.064	-536.764	18.089	20.176
121	COL26	X	-536.764	-537.697	20.176	22.263
122	COL26	X	-537.697	-534.123	22.263	24.351
123	COL35	X	-1.272	-363.216	10.158	12.334
124	COL35	X	-363.216	-621.924	12.334	14.511
125	COL35	X	-621.924	-514.312	14.511	16.688
126	COL35	X	-514.312	-539.845	16.688	18.864
127	COL35	X	-539.845	-579.997	18.864	21.041
128	COL35	X	-579.997	-572.441	21.041	23.217
129	COL35	X	-572.441	-536.838	23.217	25.394
130	COL67	X	-188.207	-241.859	11.688	14.025
131	COL67	X	-241.859	-269.255	14.025	16.363
132	COL67	X	-269.255	-246.86	16.363	18.7
133	COL67	X	-246.86	-269.255	18.7	21.037
134	COL67	X	-269.255	-359.972	21.037	23.375
135	COL13	X	-63.138	-182.975	44.45	46.567
136	COL13	X	-182.975	-242.873	46.567	48.683
137	COL13	X	-242.873	-242.845	48.683	50.8
138	COL13	X	-242.845	-242.644	50.8	52.917
139	COL13	X	-242.644	-296.02	52.917	55.033
140	COL13	X	-296.02	-300.056	55.033	57.15
141	COL13	X	-300.056	-246.236	57.15	59.267
142	COL13	X	-246.236	-242.509	59.267	61.383
143	COL13	X	-242.509	-243.626	61.383	63.5
144	COL30	X	-511.852	-514.435	11.41	13.549
145	COL30	X	-514.435	-517.943	13.549	15.688
146	COL30	X	-517.943	-524.342	15.688	17.828
147	COL30	X	-524.342	-544.941	17.828	19.967
148	COL30	X	-544.941	-545.519	19.967	22.106
149	COL30	X	-545.519	-524.582	22.106	24.246
150	COL30	X	-524.582	-530.129	24.246	26.385
151	COL30	X	-530.129	-551.422	26.385	28.524
152	COL37	X	-137.621	-396.091	10.575	12.841
153	COL37	X	-396.091	-528.645	12.841	15.107
154	COL37	X	-528.645	-539.826	15.107	17.373
155	COL37	X	-539.826	-607.195	17.373	19.639
156	COL37	X	-607.195	-620.912	19.639	21.905
157	COL37	X	-620.912	-564.432	21.905	24.171
158	COL37	X	-564.432	-543.05	24.171	26.438
159	COL46	X	-143.986	-414.204	10.992	13.053
160	COL46	X	-414.204	-550.429	13.053	15.115
161	COL46	X	-550.429	-571.815	15.115	17.176
162	COL46	X	-571.815	-605.435	17.176	19.237
163	COL46	X	-605.435	-592.933	19.237	21.298
164	COL46	X	-592.933	-571.15	21.298	23.359
165	COL46	X	-571.15	-564.205	23.359	25.42
166	COL46	X	-564.205	-542.174	25.42	27.481
167	EDGE33	X	-39.032	-39.032	0	0.56
168	EDGE46	X	-27.947	-27.947	23.481	25.022
169	COL65	X	-192.087	-192.087	12.667	17.5
170	PARAPET1	X	-635	-635	0	4.833
171	PARAPET2	X	-635	-635	0	4.833
172	PARAPET3	X	-614.363	-614.363	3.508e-14	4.833
173	PARAPET4	X	-296.863	-296.863	0	4.833
174	PARAPET5	X	-509.588	-509.588	6.661e-16	4.833
175	PARAPET6	X	-635	-635	0	4.833
176	SCREEN16	X	-361.95	-361.95	2.729	7.729
177	SCREEN17	X	-190.5	-190.5	2.729	7.729
178	SCREEN19	X	-44.45	-44.45	2.729	7.729
179	SCREEN20	X	-508	-508	2.729	7.729
180	COL29	X	-39.015	-39.283	0	2.128
181	COL29	X	-39.283	-39.459	2.128	4.256
182	COL29	X	-39.459	-38.107	4.256	6.383

Member Distributed Loads (BLC 46 : BLC 11 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
183	COL29	X	-38.107	-45.812	6.383	8.511
184	COL29	X	-45.812	-45.812	8.511	10.639
185	COL29	X	-45.812	-36.713	10.639	12.767
186	COL29	X	-36.713	-36.713	12.767	14.895
187	COL29	X	-36.713	-38.98	14.895	17.022
188	COL29	X	-38.98	-45.812	17.022	19.15
189	COL29	X	-45.812	-43.546	19.15	21.278
190	COL29	X	-43.546	-29.88	21.278	23.406
191	COL49	X	-39.408	-39.408	0	2.048
192	COL49	X	-39.408	-39.408	2.048	4.097
193	COL49	X	-39.408	-39.408	4.097	6.145
194	COL49	X	-39.408	-39.408	6.145	8.194
195	COL49	X	-39.408	-39.408	8.194	10.242
196	COL49	X	-39.408	-39.408	10.242	12.29
197	COL49	X	-39.408	-39.408	12.29	14.339
198	COL49	X	-39.408	-39.408	14.339	16.387
199	COL49	X	-39.408	-46.795	16.387	18.435
200	COL49	X	-46.795	-49.261	18.435	20.484
201	COL49	X	-49.261	-41.874	20.484	22.532
202	COL49	X	-41.874	-39.408	22.532	24.581
203	COL49	X	-39.408	-39.408	24.581	26.629
204	COL49	X	-39.408	-39.408	26.629	28.677
205	COL49	X	-39.408	-39.408	28.677	30.726
206	COL49	X	-39.408	-39.408	30.726	32.774
207	COL49	X	-39.408	-39.413	32.774	34.823
208	COL49	X	-39.413	-39.47	34.823	36.871
209	COL49	X	-39.47	-39.583	36.871	38.919
210	COL49	X	-39.583	-39.703	38.919	40.968
211	COL49	X	-39.703	-39.82	40.968	43.016
212	COL49	X	-39.82	-39.455	43.016	45.065
213	COL49	X	-39.455	-38.609	45.065	47.113
214	COL49	X	-38.609	-38.185	47.113	49.161
215	COL49	X	-38.185	-42.946	49.161	51.21
216	COL49	X	-42.946	-47.731	51.21	53.258
217	COL49	X	-47.731	-42.97	53.258	55.306
218	COL49	X	-42.97	-38.185	55.306	57.355
219	COL49	X	-38.185	-38.185	57.355	59.403
220	COL49	X	-38.185	-38.185	59.403	61.452
221	COL49	X	-38.185	-38.185	61.452	63.5
222	COL65	X	-38.461	-38.461	0	2.092
223	COL65	X	-38.461	-38.461	2.092	4.184
224	COL65	X	-38.461	-38.461	4.184	6.276
225	COL65	X	-38.461	-48.077	6.276	8.368
226	COL65	X	-48.077	-48.077	8.368	10.461
227	COL65	X	-48.077	-38.461	10.461	12.553
228	COL65	X	-38.461	-38.461	12.553	14.645
229	COL65	X	-38.461	-38.461	14.645	16.737
230	COL65	X	-38.461	-38.461	16.737	18.829
231	COL65	X	-38.461	-38.461	18.829	20.921
232	COL65	X	-38.461	-38.461	20.921	23.013
233	COL65	X	-38.461	-38.461	23.013	25.105
234	COL65	X	-38.461	-38.461	25.105	27.197
235	COL65	X	-38.461	-45.67	27.197	29.289
236	COL65	X	-45.67	-48.077	29.289	31.382
237	COL65	X	-48.077	-40.867	31.382	33.474
238	COL65	X	-40.867	-38.504	33.474	35.566
239	COL65	X	-38.504	-38.683	35.566	37.658
240	COL65	X	-38.683	-38.953	37.658	39.75
241	COL16	X	-122.5	-122.5	3.997e-15	12.667
242	COL18	X	-187.832	-187.832	4.885e-15	12.667
243	COL39	X	-114.538	-114.538	1.366e-14	12.667
244	COL50	X	-131.281	-131.281	1.665e-15	12.667
245	COL51	X	-245	-245	6.661e-15	12.667
246	COL52	X	-160.068	-160.068	1.588e-14	12.667
247	COL53	X	-76.969	-76.969	1.632e-14	12.667
248	COL65	X	-74.113	-74.113	3.997e-15	12.667
249	COL71	X	-122.5	-122.5	3.664e-15	12.667
250	M682	X	-122.5	-122.5	6.106e-15	12.667

Member Distributed Loads (BLC 46 : BLC 11 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
251	COL20	X	-114.573	-114.573	13.886	33.979
252	COL23	X	-241.639	-241.639	13.6	15.64
253	COL23	X	-241.639	-241.639	15.64	17.68
254	COL23	X	-241.639	-241.639	17.68	19.72
255	COL23	X	-241.639	-241.639	19.72	21.76
256	COL23	X	-241.639	-241.639	21.76	23.8
257	COL23	X	-241.639	-241.639	23.8	25.84
258	COL23	X	-241.639	-241.639	25.84	27.88
259	COL23	X	-241.639	-241.563	27.88	29.92
260	COL23	X	-241.563	-241.206	29.92	31.96
261	COL23	X	-241.206	-240.646	31.96	34
262	COL31	X	-241.103	-244.461	0	2.034
263	COL31	X	-244.461	-248.751	2.034	4.067
264	COL31	X	-248.751	-248.278	4.067	6.101
265	COL31	X	-248.278	-244.122	6.101	8.135
266	COL31	X	-244.122	-242.972	8.135	10.168
267	COL31	X	-242.972	-240.353	10.168	12.202
268	COL31	X	-240.353	-237.674	12.202	14.236
269	COL31	X	-237.674	-241.076	14.236	16.269
270	COL31	X	-241.076	-245.309	16.269	18.303
271	COL31	X	-245.309	-246.677	18.303	20.337
272	COL31	X	-246.677	-248.399	20.337	22.37
273	COL31	X	-248.399	-248.172	22.37	24.404
274	COL31	X	-248.172	-245.625	24.404	26.438
275	COL33	X	-229.837	-228.271	0	2.114
276	COL33	X	-228.271	-226.541	2.114	4.228
277	COL33	X	-226.541	-268.19	4.228	6.342
278	COL33	X	-268.19	-285.823	6.342	8.456
279	COL33	X	-285.823	-243.692	8.456	10.57
280	COL33	X	-243.692	-225.483	10.57	12.684
281	COL33	X	-225.483	-223.423	12.684	14.797
282	COL33	X	-223.423	-226.122	14.797	16.911
283	COL33	X	-226.122	-258.048	16.911	19.025
284	COL33	X	-258.048	-267.467	19.025	21.139
285	COL33	X	-267.467	-244.53	21.139	23.253
286	COL33	X	-244.53	-238.213	23.253	25.367
287	COL33	X	-238.213	-233.879	25.367	27.481
288	COL36	X	-235.719	-235.764	0	2.029
289	COL36	X	-235.764	-235.565	2.029	4.058
290	COL36	X	-235.565	-234.944	4.058	6.088
291	COL36	X	-234.944	-234.069	6.088	8.117
292	COL36	X	-234.069	-235.522	8.117	10.146
293	COL36	X	-235.522	-239.353	10.146	12.175
294	COL36	X	-239.353	-240.784	12.175	14.205
295	COL36	X	-240.784	-239.918	14.205	16.234
296	COL36	X	-239.918	-239.181	16.234	18.263
297	COL36	X	-239.181	-238.493	18.263	20.292
298	COL36	X	-238.493	-237.83	20.292	22.321
299	COL36	X	-237.83	-237.191	22.321	24.351
300	COL47	X	-195.1	-195.319	0	2.037
301	COL47	X	-195.319	-195.617	2.037	4.075
302	COL47	X	-195.617	-196.089	4.075	6.112
303	COL47	X	-196.089	-196.659	6.112	8.15
304	COL47	X	-196.659	-197.349	8.15	10.187
305	COL47	X	-197.349	-198.307	10.187	12.225
306	COL47	X	-198.307	-199.508	12.225	14.262
307	COL47	X	-199.508	-198.982	14.262	16.3
308	COL47	X	-198.982	-197.524	16.3	18.337
309	COL47	X	-197.524	-195.179	18.337	20.375
310	COL47	X	-195.179	-191.968	20.375	22.412
311	COL47	X	-191.968	-192.586	22.412	24.449
312	COL47	X	-192.586	-195.395	24.449	26.487
313	COL47	X	-195.395	-197.476	26.487	28.524
314	COL48	X	-231.727	-231.382	0	2.116
315	COL48	X	-231.382	-231.758	2.116	4.232
316	COL48	X	-231.758	-273.312	4.232	6.349
317	COL48	X	-273.312	-275.267	6.349	8.465
318	COL48	X	-275.267	-232.237	8.465	10.581

Member Distributed Loads (BLC 46 : BLC 11 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
319	COL48	X	-232.237	-233.392	10.581	12.697
320	COL48	X	-233.392	-239.073	12.697	14.813
321	COL48	X	-239.073	-239.532	14.813	16.929
322	COL48	X	-239.532	-246.213	16.929	19.046
323	COL48	X	-246.213	-250.724	19.046	21.162
324	COL48	X	-250.724	-246.215	21.162	23.278
325	COL48	X	-246.215	-241.711	23.278	25.394
326	COL54	X	-129.845	-129.333	13.6	15.64

Member Distributed Loads (BLC 47 : BLC 12 Transient Area Loads)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	SCREEN17	Z	203.2	203.2	2.729	7.729
2	SCREEN18	Z	203.2	203.2	2.062	7.062
3	COL20	Z	2.177e-14	65.195	10.2	12.24
4	COL20	Z	65.195	254.058	12.24	14.28
5	COL20	Z	254.058	277.765	14.28	16.32
6	COL20	Z	277.765	88.902	16.32	18.36
7	COL20	Z	88.902	2.177e-14	18.36	20.4
8	EDGE18	Z	30.642	30.642	25.559	28.96
9	PARAPET4	Z	322.728	261.855	0	0.967
10	PARAPET4	Z	261.855	255.402	0.967	1.933
11	PARAPET4	Z	255.402	354.834	1.933	2.9
12	PARAPET4	Z	354.834	430.281	2.9	3.866
13	PARAPET4	Z	430.281	430.281	3.866	4.833
14	SCREEN10	Z	63.5	63.5	8.882e-16	16
15	SCREEN22	Z	63.5	63.5	8.882e-16	16
16	COL13	Z	132.775	132.775	46	63.5
17	COL40	Z	603.138	603.138	1.305e-14	17.5
18	COL49	Z	302.275	302.275	46	63.5
19	COL68	Z	377.138	377.138	2.749e-13	17.5
20	TRUSS11	Z	565	565	0	17.5
21	TRUSS12	Z	565	565	0	17.5
22	TRUSS16	Z	565	565	0	17.5
23	TRUSS17	Z	423.75	423.75	2.62e-14	17.5
24	TRUSS20	Z	526.863	526.863	1.592e-13	17.5
25	TRUSS21	Z	423.75	423.75	0	17.5
26	TRUSS25	Z	282.5	282.5	1.554e-14	17.5
27	TRUSS31	Z	565	565	0	17.5
28	TRUSS36	Z	583.363	583.363	4.513e-14	17.5
29	COL34	Z	69.522	190.687	32.2	34.5
30	COL34	Z	270.859	251.27	34.5	36.8
31	COL34	Z	251.27	265.166	36.8	39.1
32	COL34	Z	265.166	311.853	39.1	41.4
33	COL34	Z	311.853	297.957	41.4	43.7
34	COL34	Z	297.957	204.583	43.7	46
35	COL49	Z	291.255	309.927	31.75	33.867
36	COL49	Z	309.927	268.485	33.867	35.983
37	COL49	Z	268.485	259.174	35.983	38.1
38	COL49	Z	259.174	259.174	38.1	40.217
39	COL49	Z	259.174	259.174	40.217	42.333
40	COL49	Z	259.174	259.174	42.333	44.45
41	COL49	Z	259.174	129.587	44.45	46.567
42	COL49	Z	129.587	6.994e-14	46.567	48.683
43	COL49	Z	6.994e-14	6.994e-14	48.683	50.8
44	COL10	Z	123.375	123.375	34	46
45	COL13	Z	123.375	123.375	34	46
46	COL10	Z	116.325	116.325	22.75	34
47	COL13	Z	116.325	116.325	22.75	34
48	COL34	Z	9.654e-14	9.654e-14	18.4	20.444
49	COL34	Z	9.654e-14	122.45	20.444	22.489
50	COL34	Z	122.45	244.9	22.489	24.533
51	COL34	Z	244.9	244.9	24.533	26.578
52	COL34	Z	244.9	244.9	26.578	28.622
53	COL34	Z	244.9	287.179	28.622	30.667
54	COL34	Z	287.179	244.9	30.667	32.711
55	COL34	Z	244.9	80.171	32.711	34.756
56	COL49	Z	272.072	279.772	19.05	21.167
57	COL49	Z	279.772	250.753	21.167	23.283

Member Distributed Loads (BLC 47 : BLC 12 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
58	COL49	Z	250.753	240.454	23.283	25.4
59	COL49	Z	240.454	240.454	25.4	27.517
60	COL49	Z	240.454	240.454	27.517	29.633
61	COL49	Z	240.454	291.255	29.633	31.75
62	COL10	Z	106.925	106.925	13.292	22.75
63	COL13	Z	106.925	106.925	13.292	22.75
64	COL34	Z	-7.241e-14	-7.241e-14	9.2	11.244
65	COL34	Z	-7.241e-14	114.474	11.244	13.289
66	COL34	Z	114.474	228.947	13.289	15.333
67	COL34	Z	228.947	228.947	15.333	17.378
68	COL34	Z	228.947	259.536	17.378	19.422
69	COL34	Z	259.536	228.947	19.422	21.467
70	COL34	Z	228.947	83.885	21.467	23.511
71	COL34	Z	83.885	-7.241e-14	23.511	25.556
72	COL34	Z	-7.241e-14	-7.241e-14	25.556	27.6
73	COL49	Z	226.419	230.294	6.35	8.467
74	COL49	Z	230.294	231.953	8.467	10.583
75	COL49	Z	231.953	229.271	10.583	12.7
76	COL49	Z	229.271	228.341	12.7	14.817
77	COL49	Z	228.341	237.006	14.817	16.933
78	COL49	Z	237.006	272.09	16.933	19.05
79	COL10	Z	97.525	97.525	2.709e-14	13.292
80	COL13	Z	97.525	97.525	1.26e-14	13.292
81	COL34	Z	140.34	231.247	0	2.3
82	COL34	Z	231.247	230.886	2.3	4.6
83	COL34	Z	230.886	228.529	4.6	6.9
84	COL34	Z	228.529	227.091	6.9	9.2
85	COL34	Z	227.091	183.286	9.2	11.5
86	COL34	Z	183.286	185.467	11.5	13.8
87	COL49	Z	215.785	216.442	0	2.117
88	COL49	Z	216.442	221.363	2.117	4.233
89	COL49	Z	221.363	226.419	4.233	6.35
90	COL20	Z	186.818	186.635	0	2.125
91	COL20	Z	186.635	220.122	2.125	4.25
92	COL20	Z	220.122	232.123	4.25	6.375
93	COL20	Z	232.123	197.98	6.375	8.5
94	COL20	Z	197.98	185.505	8.5	10.625
95	COL20	Z	185.505	130.171	10.625	12.75
96	COL20	Z	130.171	37.37	12.75	14.875
97	COL20	Z	37.37	-0.006	14.875	17
98	COL53	Z	201.402	201.809	0	2.111
99	COL53	Z	201.809	205.474	2.111	4.222
100	COL53	Z	205.474	210.661	4.222	6.333
101	COL53	Z	210.661	205.175	6.333	8.445
102	COL53	Z	205.175	203.912	8.445	10.556
103	COL53	Z	203.912	215.813	10.556	12.667
104	EDGE18	Z	13.112	13.179	0	2.915
105	EDGE18	Z	13.179	6.609	2.915	5.83
106	EDGE18	Z	6.609	0.006	5.83	8.745
107	COL12	Z	324.899	322.812	0	2.125
108	COL12	Z	322.812	401.486	2.125	4.25
109	COL12	Z	401.486	400.994	4.25	6.375
110	COL12	Z	400.994	320.786	6.375	8.5
111	COL12	Z	320.786	320.786	8.5	10.625
112	COL12	Z	320.786	320.786	10.625	12.75
113	COL12	Z	320.786	320.786	12.75	14.875
114	COL12	Z	320.786	400.994	14.875	17
115	COL12	Z	400.994	400.994	17	19.125
116	COL12	Z	400.994	320.786	19.125	21.25
117	COL12	Z	320.786	320.786	21.25	23.375
118	COL15	Z	350.03	350.03	0	2
119	COL15	Z	350.03	350.03	2	4
120	COL15	Z	350.03	350.03	4	6
121	COL15	Z	350.03	350.03	6	8
122	COL15	Z	350.03	350.03	8	10
123	COL15	Z	350.03	350.03	10	12
124	COL15	Z	350.03	350.03	12	14
125	COL15	Z	350.03	350.03	14	16

Member Distributed Loads (BLC 47 : BLC 12 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
126	COL15	Z	350.03	350.03	16	18
127	COL15	Z	350.03	350.03	18	20
128	COL15	Z	350.03	350.03	20	22
129	COL15	Z	350.03	350.03	22	24
130	COL15	Z	350.03	350.03	24	26
131	COL15	Z	350.03	350.03	26	28
132	COL15	Z	350.03	349.457	28	30
133	COL15	Z	349.457	347.875	30	32
134	COL15	Z	347.875	345.856	32	34
135	COL17	Z	326.405	326.405	0	2
136	COL17	Z	326.405	326.405	2	4
137	COL17	Z	326.405	326.405	4	6
138	COL17	Z	326.405	326.405	6	8
139	COL17	Z	326.405	326.405	8	10
140	COL17	Z	326.405	326.405	10	12
141	COL17	Z	326.405	326.405	12	14
142	COL17	Z	326.405	326.405	14	16
143	COL17	Z	326.405	326.405	16	18
144	COL17	Z	326.405	326.405	18	20
145	COL17	Z	326.405	326.405	20	22
146	COL17	Z	326.405	326.405	22	24
147	COL17	Z	326.405	326.405	24	26
148	COL17	Z	326.405	326.405	26	28
149	COL17	Z	326.405	325.908	28	30
150	COL17	Z	325.908	324.401	30	32
151	COL17	Z	324.401	322.381	32	34
152	COL19	Z	350.03	350.03	0	2
153	COL19	Z	350.03	350.03	2	4
154	COL19	Z	350.03	350.03	4	6
155	COL19	Z	350.03	350.03	6	8
156	COL19	Z	350.03	350.03	8	10
157	COL19	Z	350.03	350.03	10	12
158	COL19	Z	350.03	350.03	12	14
159	COL19	Z	350.03	350.03	14	16
160	COL19	Z	350.03	350.03	16	18
161	COL19	Z	350.03	350.03	18	20
162	COL19	Z	350.03	350.03	20	22
163	COL19	Z	350.03	350.03	22	24
164	COL19	Z	350.03	350.03	24	26
165	COL19	Z	350.03	350.03	26	28
166	COL19	Z	350.03	349.464	28	30
167	COL19	Z	349.464	347.877	30	32
168	COL19	Z	347.877	345.834	32	34
169	COL20	Z	169.764	169.764	0	2
170	COL20	Z	169.764	169.764	2	4
171	COL20	Z	169.764	169.764	4	6
172	COL20	Z	169.764	169.764	6	8
173	COL20	Z	169.764	169.764	8	10
174	COL20	Z	169.764	169.764	10	12
175	COL20	Z	169.764	169.764	12	14
176	COL20	Z	169.764	169.764	14	16
177	COL20	Z	169.764	169.764	16	18
178	COL20	Z	169.764	169.764	18	20
179	COL20	Z	169.764	169.764	20	22
180	COL20	Z	169.764	169.764	22	24
181	COL20	Z	169.764	169.764	24	26
182	COL20	Z	169.764	169.764	26	28
183	COL20	Z	169.764	169.482	28	30
184	COL20	Z	169.482	168.718	30	32
185	COL20	Z	168.718	167.752	32	34
186	COL21	Z	350.03	350.03	0	2
187	COL21	Z	350.03	350.03	2	4
188	COL21	Z	350.03	350.03	4	6
189	COL21	Z	350.03	350.03	6	8
190	COL21	Z	350.03	350.03	8	10
191	COL21	Z	350.03	350.03	10	12
192	COL21	Z	350.03	350.03	12	14
193	COL21	Z	350.03	350.03	14	16

Member Distributed Loads (BLC 47 : BLC 12 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
194	COL21	Z	350.03	350.03	16	18
195	COL21	Z	350.03	350.03	18	20
196	COL21	Z	350.03	350.03	20	22
197	COL21	Z	350.03	350.03	22	24
198	COL21	Z	350.03	350.03	24	26
199	COL21	Z	350.03	350.03	26	28
200	COL21	Z	350.03	349.457	28	30
201	COL21	Z	349.457	347.875	30	32
202	COL21	Z	347.875	345.856	32	34
203	COL24	Z	344.779	344.779	0	2
204	COL24	Z	344.779	344.779	2	4
205	COL24	Z	344.779	344.779	4	6
206	COL24	Z	344.779	344.779	6	8
207	COL24	Z	344.779	344.779	8	10
208	COL24	Z	344.779	344.779	10	12
209	COL24	Z	344.779	344.779	12	14
210	COL24	Z	344.779	344.779	14	16
211	COL24	Z	344.779	344.779	16	18
212	COL24	Z	344.779	344.779	18	20
213	COL24	Z	344.779	344.779	20	22
214	COL24	Z	344.779	344.779	22	24
215	COL24	Z	344.779	344.779	24	26
216	COL24	Z	344.779	344.779	26	28
217	COL24	Z	344.779	344.219	28	30
218	COL24	Z	344.219	342.66	30	32
219	COL24	Z	342.66	340.665	32	34
220	COL25	Z	350.021	350.021	0.006	33.979
221	COL27	Z	216.71	215.422	0	2.125
222	COL27	Z	215.422	267.992	2.125	4.25
223	COL27	Z	267.992	267.666	4.25	6.375
224	COL27	Z	267.666	214.127	6.375	8.5
225	COL27	Z	214.127	214.127	8.5	10.625
226	COL27	Z	214.127	214.127	10.625	12.75
227	COL27	Z	214.127	214.127	12.75	14.875
228	COL27	Z	214.127	267.666	14.875	17
229	COL27	Z	267.666	267.666	17	19.125
230	COL27	Z	267.666	214.127	19.125	21.25
231	COL27	Z	214.127	214.127	21.25	23.375
232	COL28	Z	320.028	317.969	0	2.125
233	COL28	Z	317.969	395.462	2.125	4.25
234	COL28	Z	395.462	394.979	4.25	6.375
235	COL28	Z	394.979	315.974	6.375	8.5
236	COL28	Z	315.974	315.974	8.5	10.625
237	COL28	Z	315.974	315.974	10.625	12.75
238	COL28	Z	315.974	315.974	12.75	14.875
239	COL28	Z	315.974	394.979	14.875	17
240	COL28	Z	394.979	394.979	17	19.125
241	COL28	Z	394.979	315.974	19.125	21.25
242	COL28	Z	315.974	315.974	21.25	23.375
243	COL32	Z	324.934	322.813	0	2.125
244	COL32	Z	322.813	401.477	2.125	4.25
245	COL32	Z	401.477	400.993	4.25	6.375
246	COL32	Z	400.993	320.785	6.375	8.5
247	COL32	Z	320.785	320.785	8.5	10.625
248	COL32	Z	320.785	320.785	10.625	12.75
249	COL32	Z	320.785	320.785	12.75	14.875
250	COL32	Z	320.785	400.993	14.875	17
251	COL32	Z	400.993	400.993	17	19.125
252	COL32	Z	400.993	320.785	19.125	21.25
253	COL32	Z	320.785	320.785	21.25	23.375
254	COL41	Z	324.934	322.813	0	2.125
255	COL41	Z	322.813	401.477	2.125	4.25
256	COL41	Z	401.477	400.993	4.25	6.375
257	COL41	Z	400.993	320.785	6.375	8.5
258	COL41	Z	320.785	320.785	8.5	10.625
259	COL41	Z	320.785	320.785	10.625	12.75
260	COL41	Z	320.785	320.785	12.75	14.875
261	COL41	Z	320.785	400.993	14.875	17

Member Distributed Loads (BLC 47 : BLC 12 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
262	COL41	Z	400.993	400.993	17	19.125
263	COL41	Z	400.993	320.785	19.125	21.25
264	COL41	Z	320.785	320.785	21.25	23.375
265	COL42	Z	324.934	322.813	0	2.125
266	COL42	Z	322.813	401.477	2.125	4.25
267	COL42	Z	401.477	400.993	4.25	6.375
268	COL42	Z	400.993	320.785	6.375	8.5
269	COL42	Z	320.785	320.785	8.5	10.625
270	COL42	Z	320.785	320.785	10.625	12.75
271	COL42	Z	320.785	320.785	12.75	14.875
272	COL42	Z	320.785	400.993	14.875	17
273	COL42	Z	400.993	400.993	17	19.125
274	COL42	Z	400.993	320.785	19.125	21.25
275	COL42	Z	320.785	320.785	21.25	23.375
276	COL43	Z	324.934	322.813	0	2.125
277	COL43	Z	322.813	401.477	2.125	4.25
278	COL43	Z	401.477	400.993	4.25	6.375
279	COL43	Z	400.993	320.785	6.375	8.5
280	COL43	Z	320.785	320.785	8.5	10.625
281	COL43	Z	320.785	320.785	10.625	12.75
282	COL43	Z	320.785	320.785	12.75	14.875
283	COL43	Z	320.785	400.993	14.875	17
284	COL43	Z	400.993	400.993	17	19.125
285	COL43	Z	400.993	320.785	19.125	21.25
286	COL43	Z	320.785	320.785	21.25	23.375
287	COL44	Z	324.905	322.816	0	2.125
288	COL44	Z	322.816	401.487	2.125	4.25
289	COL44	Z	401.487	400.994	4.25	6.375
290	COL44	Z	400.994	320.786	6.375	8.5
291	COL44	Z	320.786	320.786	8.5	10.625
292	COL44	Z	320.786	320.786	10.625	12.75
293	COL44	Z	320.786	320.786	12.75	14.875
294	COL44	Z	320.786	400.994	14.875	17
295	COL44	Z	400.994	400.994	17	19.125
296	COL44	Z	400.994	320.786	19.125	21.25
297	COL44	Z	320.786	320.786	21.25	23.375
298	COL45	Z	302.965	301.019	0	2.125
299	COL45	Z	301.019	374.384	2.125	4.25
300	COL45	Z	374.384	373.927	4.25	6.375
301	COL45	Z	373.927	299.133	6.375	8.5
302	COL45	Z	299.133	299.133	8.5	10.625
303	COL45	Z	299.133	299.133	10.625	12.75
304	COL45	Z	299.133	299.133	12.75	14.875
305	COL45	Z	299.133	373.927	14.875	17
306	COL45	Z	373.927	373.927	17	19.125
307	COL45	Z	373.927	299.133	19.125	21.25
308	COL45	Z	299.133	299.133	21.25	23.375
309	COL58	Z	350.03	350.03	0	2
310	COL58	Z	350.03	350.03	2	4
311	COL58	Z	350.03	350.03	4	6
312	COL58	Z	350.03	350.03	6	8
313	COL58	Z	350.03	350.03	8	10
314	COL58	Z	350.03	350.03	10	12
315	COL58	Z	350.03	350.03	12	14
316	COL58	Z	350.03	350.03	14	16
317	COL58	Z	350.03	350.03	16	18
318	COL58	Z	350.03	350.03	18	20
319	COL58	Z	350.03	350.03	20	22
320	COL58	Z	350.03	350.03	22	24
321	COL58	Z	350.03	350.03	24	26
322	COL58	Z	350.03	350.03	26	28
323	COL58	Z	350.03	349.457	28	30
324	COL58	Z	349.457	347.875	30	32
325	COL58	Z	347.875	345.856	32	34
326	COL59	Z	350.03	350.03	0	2
327	COL59	Z	350.03	350.03	2	4
328	COL59	Z	350.03	350.03	4	6
329	COL59	Z	350.03	350.03	6	8

Member Distributed Loads (BLC 47 : BLC 12 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
330	COL59	Z	350.03	350.03	8	10
331	COL59	Z	350.03	350.03	10	12
332	COL59	Z	350.03	350.03	12	14
333	COL59	Z	350.03	350.03	14	16
334	COL59	Z	350.03	350.03	16	18
335	COL59	Z	350.03	350.03	18	20
336	COL59	Z	350.03	350.03	20	22
337	COL59	Z	350.03	350.03	22	24
338	COL59	Z	350.03	350.03	24	26
339	COL59	Z	350.03	350.03	26	28
340	COL59	Z	350.03	349.457	28	30
341	COL59	Z	349.457	347.875	30	32
342	COL59	Z	347.875	345.856	32	34
343	COL60	Z	82.257	82.257	0	2
344	COL60	Z	82.257	82.257	2	4
345	COL60	Z	82.257	82.257	4	6
346	COL60	Z	82.257	82.257	6	8
347	COL60	Z	82.257	82.257	8	10
348	COL60	Z	82.257	82.257	10	12
349	COL60	Z	82.257	82.257	12	14
350	COL60	Z	82.257	82.257	14	16
351	COL60	Z	82.257	82.257	16	18
352	COL60	Z	82.257	82.257	18	20
353	COL60	Z	82.257	82.257	20	22
354	COL60	Z	82.257	82.257	22	24
355	COL60	Z	82.257	82.257	24	26
356	COL60	Z	82.257	82.257	26	28
357	COL60	Z	82.257	82.152	28	30
358	COL60	Z	82.152	81.805	30	32
359	COL60	Z	81.805	81.322	32	34
360	COL61	Z	233.607	233.607	0.003	33.982
361	COL66	Z	157.577	156.566	0	2.125
362	COL66	Z	156.566	194.722	2.125	4.25
363	COL66	Z	194.722	194.482	4.25	6.375
364	COL66	Z	194.482	155.581	6.375	8.5
365	COL66	Z	155.581	155.581	8.5	10.625
366	COL66	Z	155.581	155.581	10.625	12.75
367	COL66	Z	155.581	155.581	12.75	14.875
368	COL66	Z	155.581	194.482	14.875	17
369	COL66	Z	194.482	194.482	17	19.125
370	COL66	Z	194.482	155.581	19.125	21.25
371	COL66	Z	155.581	155.581	21.25	23.375
372	COL67	Z	76.262	75.811	0	2.125
373	COL67	Z	75.811	94.334	2.125	4.25
374	COL67	Z	94.334	94.235	4.25	6.375
375	COL67	Z	94.235	75.386	6.375	8.5
376	COL67	Z	75.386	75.386	8.5	10.625
377	COL67	Z	75.386	75.386	10.625	12.75
378	COL67	Z	75.386	75.386	12.75	14.875
379	COL67	Z	75.386	94.235	14.875	17
380	COL67	Z	94.235	94.235	17	19.125
381	COL67	Z	94.235	75.386	19.125	21.25
382	COL67	Z	75.386	75.386	21.25	23.375
383	COL22	Z	2.032	45.349	10.2	12.364
384	COL22	Z	45.349	161.002	12.364	14.527
385	COL22	Z	161.002	209.191	14.527	16.691
386	COL22	Z	209.191	185.394	16.691	18.855
387	COL22	Z	185.394	213.749	18.855	21.018
388	COL22	Z	213.749	216.064	21.018	23.182
389	COL22	Z	216.064	186.367	23.182	25.345
390	COL22	Z	186.367	182.431	25.345	27.509
391	COL22	Z	182.431	228.311	27.509	29.673
392	COL22	Z	228.311	229.411	29.673	31.836
393	COL22	Z	229.411	139.996	31.836	34
394	COL29	Z	175.84	176.63	0	2.128
395	COL29	Z	176.63	177.035	2.128	4.256
396	COL29	Z	177.035	172.406	4.256	6.383
397	COL29	Z	172.406	209.704	6.383	8.511

Member Distributed Loads (BLC 47 : BLC 12 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
398	COL29	Z	209.704	209.704	8.511	10.639
399	COL29	Z	209.704	167.766	10.639	12.767
400	COL29	Z	167.766	167.766	12.767	14.895
401	COL29	Z	167.766	209.704	14.895	17.022
402	COL29	Z	209.704	209.704	17.022	19.15
403	COL29	Z	209.704	167.766	19.15	21.278
404	COL29	Z	167.766	167.766	21.278	23.406
405	COL38	Z	191.455	192.719	0	2.083
406	COL38	Z	192.719	193.673	2.083	4.165
407	COL38	Z	193.673	194.236	4.165	6.248
408	COL38	Z	194.236	194.523	6.248	8.33
409	COL38	Z	194.523	241.205	8.33	10.413
410	COL38	Z	241.205	237.237	10.413	12.495
411	COL38	Z	237.237	186.632	12.495	14.578
412	COL38	Z	186.632	186.632	14.578	16.66
413	COL38	Z	186.632	186.632	16.66	18.743
414	COL38	Z	186.632	186.632	18.743	20.825
415	COL38	Z	186.632	233.285	20.825	22.908
416	COL38	Z	233.285	233.285	22.908	24.991
417	COL38	Z	233.285	186.632	24.991	27.073
418	COL38	Z	186.632	186.632	27.073	29.156
419	COL65	Z	13.442	135.21	11.925	14.065
420	COL65	Z	135.21	211.827	14.065	16.206
421	COL65	Z	211.827	198.938	16.206	18.346
422	COL65	Z	198.938	170.407	18.346	20.487
423	COL65	Z	170.407	173.813	20.487	22.627
424	COL65	Z	173.813	212.882	22.627	24.767
425	COL65	Z	212.882	210.593	24.767	26.908
426	COL65	Z	210.593	173.06	26.908	29.048
427	COL65	Z	173.06	173.987	29.048	31.188
428	COL65	Z	173.987	184.423	31.188	33.329
429	COL65	Z	184.423	218.263	33.329	35.469
430	COL65	Z	218.263	209.514	35.469	37.61
431	COL65	Z	209.514	144.378	37.61	39.75
432	EDGE34	Z	13.779	13.779	22.643	26.541
433	X_RIGID1	Z	16.625	16.625	1.926e-14	17.156
434	X_RIGID2	Z	16.671	16.671	0	8.869
435	X_RIGID3	Z	16.631	16.631	4.996e-16	23.242

Member Distributed Loads (BLC 48 : BLC 13 Transient Area Loads)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	COL10	Z	-82.092	-82.092	0	2
2	COL10	Z	-82.092	-82.092	2	4
3	COL10	Z	-82.092	-82.092	4	6
4	COL10	Z	-82.092	-82.092	6	8
5	COL10	Z	-82.092	-82.092	8	10
6	COL10	Z	-82.092	-82.092	10	12
7	COL10	Z	-82.092	-82.092	12	14
8	COL10	Z	-82.092	-82.092	14	16
9	COL10	Z	-82.092	-82.092	16	18
10	COL10	Z	-82.092	-82.092	18	20
11	COL10	Z	-82.092	-82.092	20	22
12	COL10	Z	-82.092	-82.092	22	24
13	COL10	Z	-82.092	-82.092	24	26
14	COL10	Z	-82.092	-82.092	26	28
15	COL10	Z	-82.092	-82.092	28	30
16	COL10	Z	-82.092	-82.092	30	32
17	COL10	Z	-82.092	-82.092	32	34
18	COL10	Z	-82.092	-82.092	34	36
19	COL10	Z	-82.092	-82.082	36	38
20	COL10	Z	-82.082	-82.023	38	40
21	COL10	Z	-82.023	-81.936	40	42
22	COL10	Z	-81.936	-81.759	42	44
23	COL10	Z	-81.759	-81.477	44	46
24	COL13	Z	-79.837	-79.837	0	2.048
25	COL13	Z	-79.837	-79.837	2.048	4.097
26	COL13	Z	-79.837	-79.837	4.097	6.145
27	COL13	Z	-79.837	-79.837	6.145	8.194

Member Distributed Loads (BLC 48 : BLC 13 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
28	COL13	Z	-79.837	-79.837	8.194	10.242
29	COL13	Z	-79.837	-79.837	10.242	12.29
30	COL13	Z	-79.837	-83.158	12.29	14.339
31	COL13	Z	-83.158	-99.796	14.339	16.387
32	COL13	Z	-99.796	-96.475	16.387	18.435
33	COL13	Z	-96.475	-79.837	18.435	20.484
34	COL13	Z	-79.837	-79.837	20.484	22.532
35	COL13	Z	-79.837	-79.837	22.532	24.581
36	COL13	Z	-79.837	-79.837	24.581	26.629
37	COL13	Z	-79.837	-79.837	26.629	28.677
38	COL13	Z	-79.837	-79.837	28.677	30.726
39	COL13	Z	-79.837	-79.837	30.726	32.774
40	COL13	Z	-79.837	-79.837	32.774	34.823
41	COL13	Z	-79.837	-79.837	34.823	36.871
42	COL13	Z	-79.837	-79.802	36.871	38.919
43	COL13	Z	-79.802	-79.734	38.919	40.968
44	COL13	Z	-79.734	-79.699	40.968	43.016
45	COL13	Z	-79.699	-79.679	43.016	45.065
46	COL13	Z	-79.679	-86.201	45.065	47.113
47	COL13	Z	-86.201	-95.929	47.113	49.161
48	COL13	Z	-95.929	-92.488	49.161	51.21
49	COL13	Z	-92.488	-82.568	51.21	53.258
50	COL13	Z	-82.568	-79.279	53.258	55.306
51	COL13	Z	-79.279	-79.279	55.306	57.355
52	COL13	Z	-79.279	-79.279	57.355	59.403
53	COL13	Z	-79.279	-79.279	59.403	61.452
54	COL13	Z	-79.279	-79.279	61.452	63.5
55	COL68	Z	-56.936	-93.365	0	2.188
56	COL68	Z	-93.365	-93.102	2.188	4.375
57	COL68	Z	-93.102	-74.625	4.375	6.562
58	COL68	Z	-74.625	-74.625	6.562	8.75
59	COL68	Z	-74.625	-92.996	8.75	10.938
60	COL68	Z	-92.996	-92.996	10.938	13.125
61	COL68	Z	-92.996	-74.625	13.125	15.312
62	COL68	Z	-74.625	-74.625	15.312	17.5
63	COL40	Z	-186.375	-186.375	3.181e-14	17.5
64	COL68	Z	-151.375	-151.375	2.36e-13	17.5
65	TRUSS11	Z	-350	-350	0	17.5
66	TRUSS12	Z	-350	-350	0	17.5
67	TRUSS16	Z	-350	-350	0	17.5
68	TRUSS17	Z	-262.5	-262.5	2.62e-14	17.5
69	TRUSS20	Z	-326.375	-326.375	1.496e-13	17.5
70	TRUSS21	Z	-262.5	-262.5	0	17.5
71	TRUSS25	Z	-175	-175	1.554e-14	17.5
72	TRUSS31	Z	-350	-350	0	17.5
73	TRUSS36	Z	-361.375	-361.375	4.513e-14	17.5
74	COL34	Z	-186.889	-186.889	0	2
75	COL34	Z	-186.889	-186.889	2	4
76	COL34	Z	-186.889	-186.889	4	6
77	COL34	Z	-186.889	-186.889	6	8
78	COL34	Z	-186.889	-186.889	8	10
79	COL34	Z	-186.889	-186.889	10	12
80	COL34	Z	-186.889	-186.889	12	14
81	COL34	Z	-186.889	-186.889	14	16
82	COL34	Z	-186.889	-186.889	16	18
83	COL34	Z	-186.889	-186.889	18	20
84	COL34	Z	-186.889	-186.889	20	22
85	COL34	Z	-186.889	-186.889	22	24
86	COL34	Z	-186.889	-186.889	24	26
87	COL34	Z	-186.889	-186.889	26	28
88	COL34	Z	-186.889	-186.889	28	30
89	COL34	Z	-186.889	-186.795	30	32
90	COL34	Z	-186.795	-186.702	32	34
91	COL34	Z	-186.702	-186.702	34	36
92	COL34	Z	-186.702	-186.681	36	38
93	COL34	Z	-186.681	-186.555	38	40
94	COL34	Z	-186.555	-186.397	40	42
95	COL34	Z	-186.397	-186.117	42	44

Member Distributed Loads (BLC 48 : BLC 13 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
96	COL34	Z	-186.117	-185.662	44	46
97	COL40	Z	-129.741	-212.994	0	2.188
98	COL40	Z	-212.994	-212.26	2.188	4.375
99	COL40	Z	-212.26	-169.901	4.375	6.562
100	COL40	Z	-169.901	-169.901	6.562	8.75
101	COL40	Z	-169.901	-211.725	8.75	10.938
102	COL40	Z	-211.725	-211.725	10.938	13.125
103	COL40	Z	-211.725	-169.901	13.125	15.312
104	COL40	Z	-169.901	-169.901	15.312	17.5
105	COL49	Z	-181.756	-181.756	0	2.048
106	COL49	Z	-181.756	-181.756	2.048	4.097
107	COL49	Z	-181.756	-181.756	4.097	6.145
108	COL49	Z	-181.756	-181.756	6.145	8.194
109	COL49	Z	-181.756	-181.756	8.194	10.242
110	COL49	Z	-181.756	-181.756	10.242	12.29
111	COL49	Z	-181.756	-195.718	12.29	14.339
112	COL49	Z	-195.718	-227.194	14.339	16.387
113	COL49	Z	-227.194	-213.232	16.387	18.435
114	COL49	Z	-213.232	-181.756	18.435	20.484
115	COL49	Z	-181.756	-181.756	20.484	22.532
116	COL49	Z	-181.756	-181.756	22.532	24.581
117	COL49	Z	-181.756	-181.756	24.581	26.629
118	COL49	Z	-181.756	-181.756	26.629	28.677
119	COL49	Z	-181.756	-181.716	28.677	30.726
120	COL49	Z	-181.716	-181.636	30.726	32.774
121	COL49	Z	-181.636	-181.597	32.774	34.823
122	COL49	Z	-181.597	-181.597	34.823	36.871
123	COL49	Z	-181.597	-181.597	36.871	38.919
124	COL49	Z	-181.597	-181.597	38.919	40.968
125	COL49	Z	-181.597	-181.597	40.968	43.016
126	COL49	Z	-181.597	-181.52	43.016	45.065
127	COL49	Z	-181.52	-195.174	45.065	47.113
128	COL49	Z	-195.174	-222.507	47.113	49.161
129	COL49	Z	-222.507	-211.752	49.161	51.21
130	COL49	Z	-211.752	-183.941	51.21	53.258
131	COL49	Z	-183.941	-180.486	53.258	55.306
132	COL49	Z	-180.486	-180.486	55.306	57.355
133	COL49	Z	-180.486	-180.486	57.355	59.403
134	COL49	Z	-180.486	-180.486	59.403	61.452
135	COL49	Z	-180.486	-180.486	61.452	63.5
136	COL15	Z	-381.382	-383.407	0	2.125
137	COL15	Z	-383.407	-444.412	2.125	4.25
138	COL15	Z	-444.412	-473.423	4.25	6.375
139	COL15	Z	-473.423	-415.707	6.375	8.5
140	COL15	Z	-415.707	-384.98	8.5	10.625
141	COL15	Z	-384.98	-285.988	10.625	12.75
142	COL15	Z	-285.988	-95.526	12.75	14.875
143	COL15	Z	-95.526	-0.063	14.875	17
144	COL17	Z	-255.934	-418.519	0	2.267
145	COL17	Z	-418.519	-417.247	2.267	4.533
146	COL17	Z	-417.247	-365.052	4.533	6.8
147	COL17	Z	-365.052	-421.5	6.8	9.067
148	COL17	Z	-421.5	-392.838	9.067	11.333
149	COL17	Z	-392.838	-283.356	11.333	13.6
150	COL19	Z	-276.613	-456.283	0	2.267
151	COL19	Z	-456.283	-457.465	2.267	4.533
152	COL19	Z	-457.465	-366.344	4.533	6.8
153	COL19	Z	-366.344	-450.675	6.8	9.067
154	COL19	Z	-450.675	-451.629	9.067	11.333
155	COL19	Z	-451.629	-279.944	11.333	13.6
156	COL20	Z	-409.13	-408.913	0	2.125
157	COL20	Z	-408.913	-448.619	2.125	4.25
158	COL20	Z	-448.619	-509.753	4.25	6.375
159	COL20	Z	-509.753	-469.269	6.375	8.5
160	COL20	Z	-469.269	-407.573	8.5	10.625
161	COL20	Z	-407.573	-295.058	10.625	12.75
162	COL20	Z	-295.058	-91.215	12.75	14.875
163	COL20	Z	-91.215	0.007	14.875	17

Member Distributed Loads (BLC 48 : BLC 13 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
164	COL21	Z	-377.856	-379.864	0	2.125
165	COL21	Z	-379.864	-459.69	2.125	4.25
166	COL21	Z	-459.69	-474.468	4.25	6.375
167	COL21	Z	-474.468	-392.476	6.375	8.5
168	COL21	Z	-392.476	-375.997	8.5	10.625
169	COL21	Z	-375.997	-283.344	10.625	12.75
170	COL21	Z	-283.344	-94.643	12.75	14.875
171	COL21	Z	-477.057	-475.442	14.875	17
172	COL24	Z	-379.454	-381.741	0	2.125
173	COL24	Z	-381.741	-385.718	2.125	4.25
174	COL24	Z	-385.718	-467.751	4.25	6.375
175	COL24	Z	-467.751	-469.231	6.375	8.5
176	COL24	Z	-469.231	-384.681	8.5	10.625
177	COL24	Z	-384.681	-283.791	10.625	12.75
178	COL24	Z	-283.791	-94.901	12.75	14.875
179	COL24	Z	-94.901	-0.071	14.875	17
180	COL25	Z	-277.917	-458.431	0	2.267
181	COL25	Z	-458.431	-459.618	2.267	4.533
182	COL25	Z	-459.618	-368.069	4.533	6.8
183	COL25	Z	-368.069	-452.798	6.8	9.067
184	COL25	Z	-452.798	-453.757	9.067	11.333
185	COL25	Z	-453.757	-281.262	11.333	13.6
186	COL58	Z	-383.145	-385.179	0	2.125
187	COL58	Z	-385.179	-388.682	2.125	4.25
188	COL58	Z	-388.682	-472.526	4.25	6.375
189	COL58	Z	-472.526	-475.413	6.375	8.5
190	COL58	Z	-475.413	-389.845	8.5	10.625
191	COL58	Z	-389.845	-287.311	10.625	12.75
192	COL58	Z	-287.311	-95.968	12.75	14.875
193	COL58	Z	-95.968	-0.064	14.875	17
194	COL59	Z	-379.619	-381.637	0	2.125
195	COL59	Z	-381.637	-453.96	2.125	4.25
196	COL59	Z	-453.96	-476.682	4.25	6.375
197	COL59	Z	-476.682	-402.183	6.375	8.5
198	COL59	Z	-402.183	-377.751	8.5	10.625
199	COL59	Z	-377.751	-284.666	10.625	12.75
200	COL59	Z	-284.666	-95.085	12.75	14.875
201	COL59	Z	-474.862	-472.166	14.875	17
202	COL60	Z	-63.012	-103.885	0	2.267
203	COL60	Z	-103.885	-103.885	2.267	4.533
204	COL60	Z	-103.885	-103.885	4.533	6.8
205	COL60	Z	-103.885	-103.885	6.8	9.067
206	COL60	Z	-103.885	-83.448	9.067	11.333
207	COL60	Z	-83.448	-83.448	11.333	13.6
208	COL61	Z	-179.366	-295.711	0	2.267
209	COL61	Z	-295.711	-295.711	2.267	4.533
210	COL61	Z	-295.711	-295.711	4.533	6.8
211	COL61	Z	-295.711	-295.711	6.8	9.067
212	COL61	Z	-295.711	-237.538	9.067	11.333
213	COL61	Z	-237.538	-237.538	11.333	13.6
214	COL53	Z	-238.806	-239.288	0	2.111
215	COL53	Z	-239.288	-243.633	2.111	4.222
216	COL53	Z	-243.633	-249.783	4.222	6.333
217	COL53	Z	-249.783	-243.278	6.333	8.445
218	COL53	Z	-243.278	-241.782	8.445	10.556
219	COL53	Z	-241.782	-255.893	10.556	12.667
220	EDGE18	Z	-15.548	-15.626	0	2.915
221	EDGE18	Z	-15.626	-7.836	2.915	5.83
222	EDGE18	Z	-7.836	-0.007	5.83	8.745
223	COL15	Z	-411.568	-416.588	13.6	15.64
224	COL15	Z	-416.588	-509.076	15.64	17.68
225	COL15	Z	-509.076	-511.473	17.68	19.72
226	COL15	Z	-511.473	-320.415	19.72	21.76
227	COL15	Z	-320.415	-113.462	21.76	23.8
228	COL17	Z	-14.088	-101.646	10.2	12.467
229	COL17	Z	-101.646	-362.362	12.467	14.733
230	COL17	Z	-362.362	-455.727	14.733	17
231	COL17	Z	-455.727	-453.314	17	19.267

Member Distributed Loads (BLC 48 : BLC 13 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
232	COL17	Z	-453.314	-361.644	19.267	21.533
233	COL17	Z	-361.644	-23.543	21.533	23.8
234	COL19	Z	-14.804	-108.166	10.2	12.467
235	COL19	Z	-108.166	-387.195	12.467	14.733
236	COL19	Z	-387.195	-487.341	14.733	17
237	COL19	Z	-487.341	-481.411	17	19.267
238	COL19	Z	-481.411	-383.351	19.267	21.533
239	COL19	Z	-383.351	-28.046	21.533	23.8
240	COL20	Z	-300.33	-180.198	13.6	15.64
241	COL20	Z	-180.198	-180.198	15.64	17.68
242	COL20	Z	-180.198	-240.264	17.68	19.72
243	COL20	Z	-240.264	-180.198	19.72	21.76
244	COL20	Z	-180.198	-60.066	21.76	23.8
245	COL21	Z	-15.088	-107.18	10.2	12.467
246	COL21	Z	-107.18	-382.414	12.467	14.733
247	COL21	Z	-475.379	-475.35	17	19.267
248	COL21	Z	-475.35	-384.443	19.267	21.533
249	COL21	Z	-384.443	-22.332	21.533	23.8
250	COL24	Z	-561.751	-398.746	13.6	15.64
251	COL24	Z	-398.746	-384.902	15.64	17.68
252	COL24	Z	-384.902	-462.252	17.68	19.72
253	COL24	Z	-462.252	-363.391	19.72	21.76
254	COL24	Z	-363.391	-146.286	21.76	23.8
255	COL25	Z	-15.192	-107.919	10.2	12.467
256	COL25	Z	-107.919	-385.051	12.467	14.733
257	COL25	Z	-385.051	-478.657	14.733	17
258	COL25	Z	-478.657	-478.627	17	19.267
259	COL25	Z	-478.627	-387.092	19.267	21.533
260	COL25	Z	-387.092	-22.485	21.533	23.8
261	COL58	Z	-472.18	-433.743	13.6	15.64
262	COL58	Z	-433.743	-450.496	15.64	17.68
263	COL58	Z	-450.496	-474.469	17.68	19.72
264	COL58	Z	-474.469	-349.238	19.72	21.76
265	COL58	Z	-349.238	-122.771	21.76	23.8
266	COL59	Z	-14.984	-106.439	10.2	12.467
267	COL59	Z	-106.439	-379.777	12.467	14.733
268	COL59	Z	-472.103	-472.075	17	19.267
269	COL59	Z	-472.075	-381.795	19.267	21.533
270	COL59	Z	-381.795	-22.179	21.533	23.8
271	COL60	Z	-106.978	-106.978	13.302	22.748
272	COL61	Z	-10.521	-92.192	10.2	12.467
273	COL61	Z	-92.192	-263.013	12.467	14.733
274	COL61	Z	-263.013	-307.587	14.733	17
275	COL61	Z	-307.587	-326.136	17	19.267
276	COL61	Z	-326.136	-263.013	19.267	21.533
277	COL61	Z	-263.013	-10.521	21.533	23.8
278	COL22	Z	-7.747	-64.943	10.2	12.467
279	COL22	Z	-64.943	-207.641	12.467	14.733
280	COL22	Z	-207.641	-271.137	14.733	17
281	COL22	Z	-271.137	-280.294	17	19.267
282	COL22	Z	-280.294	-218.487	19.267	21.533
283	COL22	Z	-218.487	-32.55	21.533	23.8
284	COL65	Z	-57.88	-210.247	11.925	14.31
285	COL65	Z	-210.247	-252.095	14.31	16.695
286	COL65	Z	-252.095	-267.793	16.695	19.08
287	COL65	Z	-267.793	-217.759	19.08	21.465
288	COL65	Z	-217.759	-17.625	21.465	23.85
289	EDGE34	Z	-18.303	-18.303	22.87	26.768
290	X_RIGID2	Z	-21.673	-21.673	0	8.869
291	COL22	Z	0.675	-119.738	20.4	22.667
292	COL22	Z	-119.738	-300.358	22.667	24.933
293	COL22	Z	-300.358	-300.358	24.933	27.2
294	COL22	Z	-300.358	-266.207	27.2	29.467
295	COL22	Z	-266.207	-300.358	29.467	31.733
296	COL22	Z	-300.358	-316.551	31.733	34
297	COL65	Z	-4.004	-116.115	19.875	22.146
298	COL65	Z	-116.115	-228.226	22.146	24.418
299	COL65	Z	-228.226	-236.795	24.418	26.689

Member Distributed Loads (BLC 48 : BLC 13 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
300	COL65	Z	-236.795	-284.281	26.689	28.961
301	COL65	Z	-284.281	-275.712	28.961	31.232
302	COL65	Z	-275.712	-172.171	31.232	33.504
303	COL65	Z	-172.171	-60.06	33.504	35.775
304	X_RIGID3	Z	-23.509	-23.509	0	11.258
305	COL15	Z	-495	-495	22.75	34
306	COL17	Z	-461.588	-461.588	22.75	34
307	COL19	Z	-495	-495	22.75	34
308	COL20	Z	-240.075	-240.075	22.75	34
309	COL21	Z	-495	-495	22.75	34
310	COL24	Z	-487.575	-487.575	22.75	34
311	COL25	Z	-495	-495	22.75	34
312	COL58	Z	-495	-495	22.75	34
313	COL59	Z	-495	-495	22.75	34
314	COL60	Z	-116.325	-116.325	22.75	34
315	COL61	Z	-330.413	-330.413	22.75	34
316	COL29	Z	-226.729	-260.623	0	1.404
317	COL29	Z	-260.623	-300.036	1.404	2.809
318	COL29	Z	-300.036	-262.058	2.809	4.213
319	COL29	Z	-262.058	-201.642	4.213	5.617
320	COL29	Z	-201.642	-201.696	5.617	7.022
321	COL38	Z	-291.022	-291.022	0	2.083
322	COL38	Z	-291.022	-291.022	2.083	4.165
323	COL38	Z	-291.022	-291.022	4.165	6.248
324	COL38	Z	-291.022	-316.592	6.248	8.33
325	COL38	Z	-316.592	-291.022	8.33	10.413
326	COL38	Z	-291.022	-119.941	10.413	12.495
327	COL38	Z	-119.941	-7.384e-7	12.495	14.578
328	COL65	Z	-1.821	-85.888	31.8	33.39
329	COL65	Z	-85.888	-169.985	33.39	34.98
330	COL65	Z	-169.985	-254.655	34.98	36.57
331	COL65	Z	-254.655	-321.081	36.57	38.16
332	COL65	Z	-321.081	-284.654	38.16	39.75
333	X_RIGID3	Z	-24.935	-24.935	11.25	23.242
334	COL12	Z	-525	-525	2.109e-15	12
335	COL27	Z	-350.438	-350.438	1.463e-13	12
336	COL28	Z	-517.125	-517.125	0	12
337	COL32	Z	-525	-525	2.109e-15	12
338	COL41	Z	-525	-525	1.332e-15	12
339	COL42	Z	-525	-525	2.109e-15	12
340	COL43	Z	-525	-525	2.109e-15	12
341	COL44	Z	-525	-525	2.109e-15	12
342	COL45	Z	-489.563	-489.563	1.553e-13	12
343	COL66	Z	-254.625	-254.625	2.442e-15	12
344	COL67	Z	-123.375	-123.375	8.882e-16	12
345	COL12	Z	-555	-555	12	23.375
346	COL27	Z	-370.463	-370.463	12	23.375
347	COL28	Z	-546.675	-546.675	12	23.375
348	COL32	Z	-555	-555	12	23.375
349	COL41	Z	-555	-555	12	23.375
350	COL42	Z	-555	-555	12	23.375
351	COL43	Z	-555	-555	12	23.375
352	COL44	Z	-555	-555	12	23.375
353	COL45	Z	-517.538	-517.538	12	23.375
354	COL66	Z	-269.175	-269.175	12	23.375
355	COL67	Z	-130.425	-130.425	12	23.375
356	COL29	Z	-302.275	-302.275	6.25	23.406
357	COL38	Z	-329.113	-329.113	12	29.156
358	X_RIGID1	Z	-26.838	-26.838	1.926e-14	17.156
359	COL20	Z	0	-97.792	10.2	12.24
360	COL20	Z	-97.792	-381.087	12.24	14.28
361	COL20	Z	-381.087	-416.648	14.28	16.32
362	COL20	Z	-416.648	-133.353	16.32	18.36
363	COL20	Z	-133.353	0	18.36	20.4
364	EDGE18	Z	-45.963	-45.963	25.559	28.96
365	PARAPET4	Z	-484.092	-392.782	0	0.967
366	PARAPET4	Z	-392.782	-383.104	0.967	1.933
367	PARAPET4	Z	-383.104	-532.251	1.933	2.9

Member Distributed Loads (BLC 48 : BLC 13 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
368	PARAPET4	Z	-532.251	-645.421	2.9	3.866
369	PARAPET4	Z	-645.421	-645.421	3.866	4.833
370	SCREEN10	Z	-95.25	-95.25	8.882e-16	16
371	SCREEN22	Z	-95.25	-95.25	8.882e-16	16
372	SCREEN17	Z	-304.8	-304.8	2.729	7.729
373	SCREEN18	Z	-304.8	-304.8	2.062	7.062

Member Distributed Loads (BLC 49 : BLC 15 Transient Area Loads)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	BM43	Y	625.428	625.383	6.031	8.042
2	BM43	Y	625.383	625.399	8.042	10.052
3	BM43	Y	625.399	624.962	10.052	12.063
4	BM43	Y	624.962	623.602	12.063	14.073
5	BM43	Y	623.602	621.834	14.073	16.084
6	BM43	Y	621.834	620.135	16.084	18.094
7	BM43	Y	620.135	618.764	18.094	20.104
8	BM43	Y	618.764	618.296	20.104	22.115
9	BM43	Y	618.296	618.296	22.115	24.125
10	BM43	Y	618.296	618.296	24.125	26.136
11	BM43	Y	618.296	618.296	26.136	28.146
12	BM43	Y	618.296	618.296	28.146	30.157
13	BM43	Y	618.296	618.296	30.157	32.167
14	BM46	Y	624.76	627.526	0	2.01
15	BM46	Y	627.526	629.538	2.01	4.021
16	BM46	Y	629.538	630.168	4.021	6.031
17	BM46	Y	630.168	630.168	6.031	8.042
18	BM46	Y	630.168	630.168	8.042	10.052
19	BM46	Y	630.168	630.168	10.052	12.063
20	BM46	Y	630.168	630.168	12.063	14.073
21	BM46	Y	630.168	630.168	14.073	16.084
22	BM46	Y	630.168	630.168	16.084	18.094
23	BM46	Y	630.168	630.168	18.094	20.104
24	BM46	Y	630.168	630.168	20.104	22.115
25	BM46	Y	630.168	630.168	22.115	24.125
26	BM46	Y	630.168	630.168	24.125	26.136
27	BM46	Y	630.168	630.168	26.136	28.146
28	BM46	Y	630.168	630.168	28.146	30.157
29	BM46	Y	630.168	630.168	30.157	32.167
30	EDGE10	Y	284.274	284.274	0	2.085
31	EDGE10	Y	284.274	284.274	2.085	4.17
32	EDGE10	Y	284.274	355.157	4.17	6.255
33	EDGE10	Y	355.157	355.157	6.255	8.341
34	EDGE10	Y	355.157	284.274	8.341	10.426
35	EDGE10	Y	284.274	284.274	10.426	12.511
36	EDGE10	Y	284.274	284.274	12.511	14.596
37	EDGE10	Y	284.274	284.274	14.596	16.681
38	EDGE10	Y	284.274	337.367	16.681	18.766
39	EDGE10	Y	337.367	355.157	18.766	20.851
40	EDGE10	Y	355.157	302.064	20.851	22.937
41	EDGE10	Y	302.064	266.483	22.937	25.022
42	EDGE29	Y	284.274	284.274	0	2.085
43	EDGE29	Y	284.274	284.274	2.085	4.17
44	EDGE29	Y	284.274	355.157	4.17	6.255
45	EDGE29	Y	355.157	355.157	6.255	8.341
46	EDGE29	Y	355.157	284.274	8.341	10.426
47	EDGE29	Y	284.274	284.274	10.426	12.511
48	EDGE29	Y	284.274	284.274	12.511	14.596
49	EDGE29	Y	284.274	284.274	14.596	16.681
50	EDGE29	Y	284.274	337.367	16.681	18.766
51	EDGE29	Y	337.367	355.157	18.766	20.851
52	EDGE29	Y	355.157	302.064	20.851	22.937
53	EDGE29	Y	302.064	266.483	22.937	25.022
54	EDGE30	Y	309.791	319.694	0	2.127
55	EDGE30	Y	319.694	323.691	2.127	4.254
56	EDGE30	Y	323.691	304.243	4.254	6.381
57	EDGE30	Y	304.243	284.951	6.381	8.507
58	EDGE30	Y	284.951	283.464	8.507	10.634
59	EDGE30	Y	283.464	282.636	10.634	12.761

Member Distributed Loads (BLC 49 : BLC 15 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
60	EDGE30	Y	282.636	323.795	12.761	14.888
61	EDGE30	Y	323.795	353.065	14.888	17.015
62	EDGE30	Y	353.065	311.768	17.015	19.142
63	EDGE30	Y	311.768	282.497	19.142	21.269
64	EDGE30	Y	282.497	282.497	21.269	23.395
65	EDGE31	Y	283.497	283.497	0	2.085
66	EDGE31	Y	283.497	283.497	2.085	4.17
67	EDGE31	Y	283.497	312.991	4.17	6.255
68	EDGE31	Y	312.991	343.601	6.255	8.341
69	EDGE31	Y	343.601	328.339	8.341	10.426
70	EDGE31	Y	328.339	301.387	10.426	12.511
71	EDGE31	Y	301.387	292.852	12.511	14.596
72	EDGE31	Y	292.852	296.785	14.596	16.681
73	EDGE31	Y	296.785	322.309	16.681	18.766
74	EDGE31	Y	322.309	313.99	18.766	20.851
75	EDGE31	Y	313.99	282.9	20.851	22.937
76	EDGE31	Y	282.9	284.621	22.937	25.022
77	EDGE43	Y	282.785	282.785	0	2.127
78	EDGE43	Y	282.785	306.186	2.127	4.254
79	EDGE43	Y	306.186	353.353	4.254	6.381
80	EDGE43	Y	353.353	329.951	6.381	8.507
81	EDGE43	Y	329.951	282.901	8.507	10.634
82	EDGE43	Y	282.901	283.593	10.634	12.761
83	EDGE43	Y	283.593	284.867	12.761	14.888
84	EDGE43	Y	284.867	309.89	14.888	17.015
85	EDGE43	Y	309.89	329.162	17.015	19.142
86	EDGE43	Y	329.162	312.832	19.142	21.269
87	EDGE43	Y	312.832	290.275	21.269	23.395
88	EDGE44	Y	283.392	283.392	0	2.085
89	EDGE44	Y	283.392	283.392	2.085	4.17
90	EDGE44	Y	283.392	312.836	4.17	6.255
91	EDGE44	Y	312.836	342.946	6.255	8.341
92	EDGE44	Y	342.946	328.561	8.341	10.426
93	EDGE44	Y	328.561	305.081	10.426	12.511
94	EDGE44	Y	305.081	300.611	12.511	14.596
95	EDGE44	Y	300.611	309.427	14.596	16.681
96	EDGE44	Y	309.427	298.531	16.681	18.766
97	EDGE44	Y	298.531	287.878	18.766	20.851
98	EDGE44	Y	287.878	296.359	20.851	22.937
99	EDGE44	Y	296.359	303.12	22.937	25.022
100	M685	Y	619.573	607.293	0	2.117
101	M685	Y	607.293	595.809	2.117	4.233
102	M685	Y	595.809	677.546	4.233	6.35
103	M685	Y	677.546	692.009	6.35	8.466
104	M685	Y	692.009	610.057	8.466	10.583
105	M685	Y	610.057	593.686	10.583	12.699
106	M685	Y	593.686	588.665	12.699	14.816
107	M685	Y	588.665	594.695	14.816	16.932
108	M685	Y	594.695	686.418	16.932	19.049
109	M685	Y	686.418	708.646	19.049	21.165
110	M685	Y	708.646	629.706	21.165	23.282
111	M685	Y	629.706	607.489	23.282	25.398
112	M685	Y	607.489	589.976	25.398	27.515
113	M686	Y	598.65	606.387	0	2.117
114	M686	Y	606.387	613.873	2.117	4.233
115	M686	Y	613.873	682.622	4.233	6.35
116	M686	Y	682.622	668.168	6.35	8.466
117	M686	Y	668.168	588.582	8.466	10.583
118	M686	Y	588.582	588.582	10.583	12.699
119	M686	Y	588.582	588.582	12.699	14.816
120	M686	Y	588.582	625.796	14.816	16.932
121	M686	Y	625.796	735.701	16.932	19.049
122	M686	Y	735.701	698.697	19.049	21.165
123	M686	Y	698.697	589.4	21.165	23.282
124	M686	Y	589.4	590.882	23.282	25.398
125	M686	Y	590.882	593.048	25.398	27.515
126	M687	Y	574.761	574.761	0	2.117
127	M687	Y	574.761	574.761	2.117	4.233

Member Distributed Loads (BLC 49 : BLC 15 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
128	M687	Y	574.761	718.451	4.233	6.35
129	M687	Y	718.451	718.451	6.35	8.466
130	M687	Y	718.451	574.761	8.466	10.583
131	M687	Y	574.761	574.761	10.583	12.699
132	M687	Y	574.761	574.761	12.699	14.816
133	M687	Y	574.761	574.761	14.816	16.932
134	M687	Y	574.761	718.451	16.932	19.049
135	M687	Y	718.451	718.451	19.049	21.165
136	M687	Y	718.451	574.761	21.165	23.282
137	M687	Y	574.761	574.761	23.282	25.398
138	M687	Y	574.761	574.761	25.398	27.515
139	M688	Y	574.673	574.673	0	2.117
140	M688	Y	574.673	633.426	2.117	4.233
141	M688	Y	633.426	718.363	4.233	6.35
142	M688	Y	718.363	659.61	6.35	8.466
143	M688	Y	659.61	574.673	8.466	10.583
144	M688	Y	574.673	574.673	10.583	12.699
145	M688	Y	574.673	586.383	12.699	14.816
146	M688	Y	586.383	621.635	14.816	16.932
147	M688	Y	621.635	706.67	16.932	19.049
148	M688	Y	706.67	672.153	19.049	21.165
149	M688	Y	672.153	578.044	21.165	23.282
150	M688	Y	578.044	582.221	23.282	25.398
151	M688	Y	582.221	586.775	25.398	27.515
152	DIAPH227	Y	366.975	366.975	5.218e-15	8.257
153	EDGE12	Y	337.05	337.05	4.097e-14	8.257
154	EDGE43	Y	29.925	29.925	2.22e-16	8.257
155	CANOPY10	Y	47.8	47.8	6.106e-16	13.333
156	CANOPY13	Y	47.8	47.8	1.432e-14	25
157	CANOPY18	Y	47.8	47.8	9.492e-15	7.667
158	CANOPY21	Y	47.8	47.8	9.603e-15	13.333
159	CANOPY28	Y	47.8	47.8	1.221e-15	25
160	CANOPY32	Y	47.8	47.8	1.432e-14	25
161	CANOPY33	Y	47.8	47.8	1.221e-15	25
162	CANOPY34	Y	47.8	47.8	1.005e-14	7.667
163	M678	Y	47.8	47.8	7.161e-15	13.333
164	M680	Y	47.8	47.8	7.383e-15	13.333
165	BM12	Y	350.032	350.032	0	2.01
166	BM12	Y	350.032	350.032	2.01	4.021
167	BM12	Y	350.032	350.032	4.021	6.031
168	BM12	Y	350.032	350.032	6.031	8.042
169	BM12	Y	350.032	350.032	8.042	10.052
170	BM12	Y	350.032	350.032	10.052	12.063
171	BM12	Y	350.032	350.032	12.063	14.073
172	BM12	Y	350.032	350.032	14.073	16.084
173	BM12	Y	350.032	350.032	16.084	18.094
174	BM12	Y	350.032	350.032	18.094	20.104
175	BM12	Y	350.032	350.032	20.104	22.115
176	BM12	Y	350.032	350.032	22.115	24.125
177	BM12	Y	350.032	350.032	24.125	26.136
178	BM12	Y	350.032	349.614	26.136	28.146
179	BM12	Y	349.614	348.169	28.146	30.157
180	BM12	Y	348.169	346.115	30.157	32.167
181	BM18	Y	173.065	174.086	0	2.01
182	BM18	Y	174.086	174.807	2.01	4.021
183	BM18	Y	174.807	175.016	4.021	6.031
184	BM18	Y	175.016	175.016	6.031	8.042
185	BM18	Y	175.016	175.016	8.042	10.052
186	BM18	Y	175.016	175.016	10.052	12.063
187	BM18	Y	175.016	175.016	12.063	14.073
188	BM18	Y	175.016	175.016	14.073	16.084
189	BM18	Y	175.016	175.016	16.084	18.094
190	BM18	Y	175.016	175.016	18.094	20.104
191	BM18	Y	175.016	175.016	20.104	22.115
192	BM18	Y	175.016	175.016	22.115	24.125
193	BM18	Y	175.016	175.016	24.125	26.136
194	BM18	Y	175.016	175.016	26.136	28.146
195	BM18	Y	175.016	175.016	28.146	30.157

Member Distributed Loads (BLC 49 : BLC 15 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
196	BM18	Y	175.016	175.016	30.157	32.167
197	BM24	Y	329.471	328.268	0	2.117
198	BM24	Y	328.268	327.444	2.117	4.233
199	BM24	Y	327.444	388.165	4.233	6.35
200	BM24	Y	388.165	408.723	6.35	8.466
201	BM24	Y	408.723	347.664	8.466	10.583
202	BM24	Y	347.664	326.99	10.583	12.699
203	BM24	Y	326.99	326.99	12.699	14.816
204	BM24	Y	326.99	326.99	14.816	16.932
205	BM24	Y	326.99	371.204	16.932	19.049
206	BM24	Y	371.204	379.234	19.049	21.165
207	BM24	Y	379.234	341.04	21.165	23.282
208	BM24	Y	341.04	336.881	23.282	25.398
209	BM24	Y	336.881	332.583	25.398	27.515
210	BM25	Y	262.944	261.386	0	2.117
211	BM25	Y	261.386	260.289	2.117	4.233
212	BM25	Y	260.289	324.97	4.233	6.35
213	BM25	Y	324.97	324.97	6.35	8.466
214	BM25	Y	324.97	259.97	8.466	10.583
215	BM25	Y	259.97	259.97	10.583	12.699
216	BM25	Y	259.97	259.97	12.699	14.816
217	BM25	Y	259.97	259.97	14.816	16.932
218	BM25	Y	259.97	324.97	16.932	19.049
219	BM25	Y	324.97	324.97	19.049	21.165
220	BM25	Y	324.97	259.97	21.165	23.282
221	BM25	Y	259.97	259.97	23.282	25.398
222	BM25	Y	259.97	259.97	25.398	27.515
223	BM27	Y	328.674	326.732	0	2.117
224	BM27	Y	326.732	325.362	2.117	4.233
225	BM27	Y	325.362	406.213	4.233	6.35
226	BM27	Y	406.213	406.213	6.35	8.466
227	BM27	Y	406.213	324.963	8.466	10.583
228	BM27	Y	324.963	324.963	10.583	12.699
229	BM27	Y	324.963	324.963	12.699	14.816
230	BM27	Y	324.963	324.963	14.816	16.932
231	BM27	Y	324.963	406.213	16.932	19.049
232	BM27	Y	406.213	406.213	19.049	21.165
233	BM27	Y	406.213	324.963	21.165	23.282
234	BM27	Y	324.963	324.963	23.282	25.398
235	BM27	Y	324.963	324.963	25.398	27.515
236	BM32	Y	350.093	350.093	0	2.01
237	BM32	Y	350.093	350.093	2.01	4.021
238	BM32	Y	350.093	350.093	4.021	6.031
239	BM32	Y	350.093	350.093	6.031	8.042
240	BM32	Y	350.093	350.093	8.042	10.052
241	BM32	Y	350.093	350.093	10.052	12.063
242	BM32	Y	350.093	350.093	12.063	14.073
243	BM32	Y	350.093	350.093	14.073	16.084
244	BM32	Y	350.093	350.093	16.084	18.094
245	BM32	Y	350.093	350.093	18.094	20.104
246	BM32	Y	350.093	350.093	20.104	22.115
247	BM32	Y	350.093	350.093	22.115	24.125
248	BM32	Y	350.093	350.093	24.125	26.136
249	BM32	Y	350.093	349.743	26.136	28.146
250	BM32	Y	349.743	348.625	28.146	30.157
251	BM32	Y	348.625	347.089	30.157	32.167
252	BM33	Y	175.006	175.006	0.005	32.15
253	BM44	Y	347.329	348.611	0	2.01
254	BM44	Y	348.611	349.505	2.01	4.021
255	BM44	Y	349.505	349.897	4.021	6.031
256	BM44	Y	349.897	350.063	6.031	8.042
257	BM44	Y	350.063	350.089	8.042	10.052
258	BM44	Y	350.089	350.089	10.052	12.063
259	BM44	Y	350.089	350.089	12.063	14.073
260	BM44	Y	350.089	350.089	14.073	16.084
261	BM44	Y	350.089	350.089	16.084	18.094
262	BM44	Y	350.089	350.089	18.094	20.104
263	BM44	Y	350.089	350.089	20.104	22.115

Member Distributed Loads (BLC 49 : BLC 15 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
264	BM44	Y	350.089	350.089	22.115	24.125
265	BM44	Y	350.089	350.089	24.125	26.136
266	BM44	Y	350.089	350.089	26.136	28.146
267	BM44	Y	350.089	350.089	28.146	30.157
268	BM44	Y	350.089	350.089	30.157	32.167
269	BM47	Y	350.012	350.012	0.017	32.162
270	M673	Y	350	350	2.982e-12	27.515
271	M674	Y	324.963	324.963	0	2.117
272	M674	Y	324.963	324.963	2.117	4.233
273	M674	Y	324.963	406.213	4.233	6.35
274	M674	Y	406.213	406.213	6.35	8.466
275	M674	Y	406.213	324.963	8.466	10.583
276	M674	Y	324.963	324.963	10.583	12.699
277	M674	Y	324.963	324.963	12.699	14.816
278	M674	Y	324.963	324.963	14.816	16.932
279	M674	Y	324.963	406.213	16.932	19.049
280	M674	Y	406.213	406.213	19.049	21.165
281	M674	Y	406.213	325.362	21.165	23.282
282	M674	Y	325.362	326.732	23.282	25.398
283	M674	Y	326.732	328.674	25.398	27.515
284	M677	Y	327.764	337.494	0	2.117
285	M677	Y	337.494	349.837	2.117	4.233
286	M677	Y	349.837	393.692	4.233	6.35
287	M677	Y	393.692	381.343	6.35	8.466
288	M677	Y	381.343	330.386	8.466	10.583
289	M677	Y	330.386	327.036	10.583	12.699
290	M677	Y	327.036	329.826	12.699	14.816
291	M677	Y	329.826	338.921	14.816	16.932
292	M677	Y	338.921	384.45	16.932	19.049
293	M677	Y	384.45	376.414	19.049	21.165
294	M677	Y	376.414	331.005	21.165	23.282
295	M677	Y	331.005	337.385	23.282	25.398
296	M677	Y	337.385	344.207	25.398	27.515
297	M684	Y	337.405	344.182	0	2.117
298	M684	Y	344.182	347.511	2.117	4.233
299	M684	Y	347.511	381.258	4.233	6.35
300	M684	Y	381.258	371.051	6.35	8.466
301	M684	Y	371.051	327.037	8.466	10.583
302	M684	Y	327.037	327.037	10.583	12.699
303	M684	Y	327.037	327.037	12.699	14.816
304	M684	Y	327.037	347.712	14.816	16.932
305	M684	Y	347.712	408.77	16.932	19.049
306	M684	Y	408.77	388.16	19.049	21.165
307	M684	Y	388.16	327.558	21.165	23.282
308	M684	Y	327.558	328.56	23.282	25.398
309	M684	Y	328.56	329.779	25.398	27.515
310	M691	Y	175	175	1.702e-12	27.515
311	M692	Y	259.97	259.97	0	2.117
312	M692	Y	259.97	259.97	2.117	4.233
313	M692	Y	259.97	324.97	4.233	6.35
314	M692	Y	324.97	324.97	6.35	8.466
315	M692	Y	324.97	259.97	8.466	10.583
316	M692	Y	259.97	259.97	10.583	12.699
317	M692	Y	259.97	259.97	12.699	14.816
318	M692	Y	259.97	259.97	14.816	16.932
319	M692	Y	259.97	324.97	16.932	19.049
320	M692	Y	324.97	324.97	19.049	21.165
321	M692	Y	324.97	260.29	21.165	23.282
322	M692	Y	260.29	261.385	23.282	25.398
323	M692	Y	261.385	262.934	25.398	27.515
324	BM13	Y	210.019	210.019	0	2.01
325	BM13	Y	210.019	210.019	2.01	4.021
326	BM13	Y	210.019	210.019	4.021	6.031
327	BM13	Y	210.019	210.019	6.031	8.042
328	BM13	Y	210.019	210.019	8.042	10.052
329	BM13	Y	210.019	210.019	10.052	12.063
330	BM13	Y	210.019	210.019	12.063	14.073
331	BM13	Y	210.019	210.019	14.073	16.084

Member Distributed Loads (BLC 49 : BLC 15 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
332	BM13	Y	210.019	210.019	16.084	18.094
333	BM13	Y	210.019	210.019	18.094	20.104
334	BM13	Y	210.019	210.019	20.104	22.115
335	BM13	Y	210.019	210.019	22.115	24.125
336	BM13	Y	210.019	210.019	24.125	26.136
337	BM13	Y	210.019	209.769	26.136	28.146
338	BM13	Y	209.769	208.902	28.146	30.157
339	BM13	Y	208.902	207.669	30.157	32.167
340	BM14	Y	210.019	210.019	0	2.01
341	BM14	Y	210.019	210.019	2.01	4.021
342	BM14	Y	210.019	210.019	4.021	6.031
343	BM14	Y	210.019	210.019	6.031	8.042
344	BM14	Y	210.019	210.019	8.042	10.052
345	BM14	Y	210.019	210.019	10.052	12.063
346	BM14	Y	210.019	210.019	12.063	14.073
347	BM14	Y	210.019	210.019	14.073	16.084
348	BM14	Y	210.019	210.019	16.084	18.094
349	BM14	Y	210.019	210.019	18.094	20.104
350	BM14	Y	210.019	210.019	20.104	22.115
351	BM14	Y	210.019	210.019	22.115	24.125
352	BM14	Y	210.019	210.019	24.125	26.136
353	BM14	Y	210.019	209.769	26.136	28.146
354	BM14	Y	209.769	208.902	28.146	30.157
355	BM14	Y	208.902	207.669	30.157	32.167
356	BM15	Y	139.805	139.805	0	2.01
357	BM15	Y	139.805	139.805	2.01	4.021
358	BM15	Y	139.805	139.805	4.021	6.031
359	BM15	Y	139.805	139.805	6.031	8.042
360	BM15	Y	139.805	139.816	8.042	10.052
361	BM15	Y	139.816	139.991	10.052	12.063
362	BM15	Y	139.991	140.45	12.063	14.073
363	BM15	Y	140.45	141.166	14.073	16.084
364	BM15	Y	141.166	142.164	16.084	18.094
365	BM15	Y	142.164	142.939	18.094	20.104
366	BM15	Y	142.939	142.608	20.104	22.115
367	BM15	Y	142.608	141.483	22.115	24.125
368	BM15	Y	141.483	140.447	24.125	26.136
369	BM15	Y	140.447	139.712	26.136	28.146
370	BM15	Y	139.712	139.321	28.146	30.157
371	BM15	Y	139.321	139.131	30.157	32.167
372	BM18	Y	105.004	105.004	0.017	32.162
373	BM20	Y	131.778	132.204	0	2.117
374	BM20	Y	132.204	132.986	2.117	4.233
375	BM20	Y	132.986	152.683	4.233	6.35
376	BM20	Y	152.683	153.846	6.35	8.466
377	BM20	Y	153.846	135.06	8.466	10.583
378	BM20	Y	135.06	133.538	10.583	12.699
379	BM20	Y	133.538	132.226	12.699	14.816
380	BM20	Y	132.226	131.149	14.816	16.932
381	BM20	Y	131.149	153.412	16.932	19.049
382	BM20	Y	153.412	162.526	19.049	21.165
383	BM20	Y	162.526	139.424	21.165	23.282
384	BM20	Y	139.424	129.934	23.282	25.398
385	BM20	Y	129.934	129.934	25.398	27.515
386	BM21	Y	197.204	196.039	0	2.117
387	BM21	Y	196.039	195.217	2.117	4.233
388	BM21	Y	195.217	243.728	4.233	6.35
389	BM21	Y	243.728	243.728	6.35	8.466
390	BM21	Y	243.728	194.978	8.466	10.583
391	BM21	Y	194.978	194.978	10.583	12.699
392	BM21	Y	194.978	194.978	12.699	14.816
393	BM21	Y	194.978	194.978	14.816	16.932
394	BM21	Y	194.978	243.728	16.932	19.049
395	BM21	Y	243.728	243.728	19.049	21.165
396	BM21	Y	243.728	194.978	21.165	23.282
397	BM21	Y	194.978	194.978	23.282	25.398
398	BM21	Y	194.978	194.978	25.398	27.515
399	BM22	Y	210.007	210.007	0.017	32.162

Member Distributed Loads (BLC 49 : BLC 15 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
400	BM33	Y	105.01	105.01	0	2.01
401	BM33	Y	105.01	105.01	2.01	4.021
402	BM33	Y	105.01	105.01	4.021	6.031
403	BM33	Y	105.01	105.01	6.031	8.042
404	BM33	Y	105.01	105.01	8.042	10.052
405	BM33	Y	105.01	105.01	10.052	12.063
406	BM33	Y	105.01	105.01	12.063	14.073
407	BM33	Y	105.01	105.01	14.073	16.084
408	BM33	Y	105.01	105.01	16.084	18.094
409	BM33	Y	105.01	105.01	18.094	20.104
410	BM33	Y	105.01	105.01	20.104	22.115
411	BM33	Y	105.01	105.01	22.115	24.125
412	BM33	Y	105.01	105.01	24.125	26.136
413	BM33	Y	105.01	104.884	26.136	28.146
414	BM33	Y	104.884	104.452	28.146	30.157
415	BM33	Y	104.452	103.839	30.157	32.167
416	BM34	Y	195.841	195.841	0	2.01
417	BM34	Y	195.841	195.841	2.01	4.021
418	BM34	Y	195.841	195.841	4.021	6.031
419	BM34	Y	195.841	195.841	6.031	8.042
420	BM34	Y	195.841	195.841	8.042	10.052
421	BM34	Y	195.841	195.841	10.052	12.063
422	BM34	Y	195.841	195.841	12.063	14.073
423	BM34	Y	195.841	195.841	14.073	16.084
424	BM34	Y	195.841	195.841	16.084	18.094
425	BM34	Y	195.841	195.841	18.094	20.104
426	BM34	Y	195.841	195.841	20.104	22.115
427	BM34	Y	195.841	195.841	22.115	24.125
428	BM34	Y	195.841	195.841	24.125	26.136
429	BM34	Y	195.841	195.586	26.136	28.146
430	BM34	Y	195.586	194.804	28.146	30.157
431	BM34	Y	194.804	193.751	30.157	32.167
432	BM39	Y	197.204	196.039	0	2.117
433	BM39	Y	196.039	195.217	2.117	4.233
434	BM39	Y	195.217	243.728	4.233	6.35
435	BM39	Y	243.728	243.728	6.35	8.466
436	BM39	Y	243.728	194.978	8.466	10.583
437	BM39	Y	194.978	194.978	10.583	12.699
438	BM39	Y	194.978	194.978	12.699	14.816
439	BM39	Y	194.978	194.978	14.816	16.932
440	BM39	Y	194.978	243.728	16.932	19.049
441	BM39	Y	243.728	243.728	19.049	21.165
442	BM39	Y	243.728	194.978	21.165	23.282
443	BM39	Y	194.978	194.978	23.282	25.398
444	BM39	Y	194.978	194.978	25.398	27.515
445	BM40	Y	183.848	182.803	0	2.117
446	BM40	Y	182.803	182.049	2.117	4.233
447	BM40	Y	182.049	227.277	4.233	6.35
448	BM40	Y	227.277	227.277	6.35	8.466
449	BM40	Y	227.277	181.817	8.466	10.583
450	BM40	Y	181.817	181.817	10.583	12.699
451	BM40	Y	181.817	181.817	12.699	14.816
452	BM40	Y	181.817	181.817	14.816	16.932
453	BM40	Y	181.817	227.277	16.932	19.049
454	BM40	Y	227.277	227.277	19.049	21.165
455	BM40	Y	227.277	181.817	21.165	23.282
456	BM40	Y	181.817	181.817	23.282	25.398
457	BM40	Y	181.817	181.817	25.398	27.515
458	BM42	Y	210.007	210.007	0.017	32.162
459	BM45	Y	193.744	194.811	0	2.01
460	BM45	Y	194.811	195.593	2.01	4.021
461	BM45	Y	195.593	195.842	4.021	6.031
462	BM45	Y	195.842	195.842	6.031	8.042
463	BM45	Y	195.842	195.842	8.042	10.052
464	BM45	Y	195.842	195.842	10.052	12.063
465	BM45	Y	195.842	195.842	12.063	14.073
466	BM45	Y	195.842	195.842	14.073	16.084
467	BM45	Y	195.842	195.842	16.084	18.094

Member Distributed Loads (BLC 49 : BLC 15 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
468	BM45	Y	195.842	195.842	18.094	20.104
469	BM45	Y	195.842	195.842	20.104	22.115
470	BM45	Y	195.842	195.842	22.115	24.125
471	BM45	Y	195.842	195.842	24.125	26.136
472	BM45	Y	195.842	195.842	26.136	28.146
473	BM45	Y	195.842	195.842	28.146	30.157
474	BM45	Y	195.842	195.842	30.157	32.167
475	BM48	Y	138.38	139.041	0	2.01
476	BM48	Y	139.041	139.709	2.01	4.021
477	BM48	Y	139.709	140.474	4.021	6.031
478	BM48	Y	140.474	141.523	6.031	8.042
479	BM48	Y	141.523	142.639	8.042	10.052
480	BM48	Y	142.639	142.959	10.052	12.063
481	BM48	Y	142.959	142.191	12.063	14.073
482	BM48	Y	142.191	141.186	14.073	16.084
483	BM48	Y	141.186	140.463	16.084	18.094
484	BM48	Y	140.463	139.994	18.094	20.104
485	BM48	Y	139.994	139.824	20.104	22.115
486	BM48	Y	139.824	139.812	22.115	24.125
487	BM48	Y	139.812	139.812	24.125	26.136
488	BM48	Y	139.812	139.812	26.136	28.146
489	BM48	Y	139.812	139.812	28.146	30.157
490	BM48	Y	139.812	139.812	30.157	32.167
491	EDGE17	Y	46.533	51.434	0	2.127
492	EDGE17	Y	51.434	52.609	2.127	4.254
493	EDGE17	Y	52.609	49.111	4.254	6.381
494	EDGE17	Y	49.111	46.583	6.381	8.507
495	EDGE17	Y	46.583	46.073	8.507	10.634
496	EDGE17	Y	46.073	45.785	10.634	12.761
497	EDGE17	Y	45.785	51.423	12.761	14.888
498	EDGE17	Y	51.423	57.099	14.888	17.015
499	EDGE17	Y	57.099	51.378	17.015	19.142
500	EDGE17	Y	51.378	45.702	19.142	21.269
501	EDGE17	Y	45.702	45.702	21.269	23.395
502	EDGE32	Y	45.94	45.94	0	2.085
503	EDGE32	Y	45.94	45.94	2.085	4.17
504	EDGE32	Y	45.94	57.388	4.17	6.255
505	EDGE32	Y	57.388	57.388	6.255	8.341
506	EDGE32	Y	57.388	45.94	8.341	10.426
507	EDGE32	Y	45.94	45.94	10.426	12.511
508	EDGE32	Y	45.94	45.94	12.511	14.596
509	EDGE32	Y	45.94	45.94	14.596	16.681
510	EDGE32	Y	45.94	53.571	16.681	18.766
511	EDGE32	Y	53.571	57.647	18.766	20.851
512	EDGE32	Y	57.647	50.599	20.851	22.937
513	EDGE32	Y	50.599	43.61	22.937	25.022
514	EDGE33	Y	47.366	48.755	0	2.085
515	EDGE33	Y	48.755	47.432	2.085	4.17
516	EDGE33	Y	47.432	48.578	4.17	6.255
517	EDGE33	Y	48.578	50.991	6.255	8.341
518	EDGE33	Y	50.991	49.586	8.341	10.426
519	EDGE33	Y	49.586	48.304	10.426	12.511
520	EDGE33	Y	48.304	47.248	12.511	14.596
521	EDGE33	Y	47.248	46.576	14.596	16.681
522	EDGE33	Y	46.576	50.141	16.681	18.766
523	EDGE33	Y	50.141	52.322	18.766	20.851
524	EDGE33	Y	52.322	48.956	20.851	22.937
525	EDGE33	Y	48.956	45.485	22.937	25.022
526	EDGE45	Y	45.7	45.7	0	2.127
527	EDGE45	Y	45.7	51.377	2.127	4.254
528	EDGE45	Y	51.377	57.098	4.254	6.381
529	EDGE45	Y	57.098	51.421	6.381	8.507
530	EDGE45	Y	51.421	45.761	8.507	10.634
531	EDGE45	Y	45.761	46.052	10.634	12.761
532	EDGE45	Y	46.052	46.601	12.761	14.888
533	EDGE45	Y	46.601	49.092	14.888	17.015
534	EDGE45	Y	49.092	52.57	17.015	19.142
535	EDGE45	Y	52.57	51.463	19.142	21.269

Member Distributed Loads (BLC 49 : BLC 15 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
536	EDGE45	Y	51.463	46.634	21.269	23.395
537	EDGE46	Y	45.953	45.953	0	2.085
538	EDGE46	Y	45.953	45.953	2.085	4.17
539	EDGE46	Y	45.953	57.402	4.17	6.255
540	EDGE46	Y	57.402	57.402	6.255	8.341
541	EDGE46	Y	57.402	45.953	8.341	10.426
542	EDGE46	Y	45.953	45.953	10.426	12.511
543	EDGE46	Y	45.953	45.953	12.511	14.596
544	EDGE46	Y	45.953	45.953	14.596	16.681
545	EDGE46	Y	45.953	53.572	16.681	18.766
546	EDGE46	Y	53.572	57.402	18.766	20.851
547	EDGE46	Y	57.402	49.783	20.851	22.937
548	EDGE46	Y	49.783	42.124	22.937	25.022
549	EDGE47	Y	45.866	45.866	0	2.085
550	EDGE47	Y	45.866	45.866	2.085	4.17
551	EDGE47	Y	45.866	51.576	4.17	6.255
552	EDGE47	Y	51.576	55.399	6.255	8.341
553	EDGE47	Y	55.399	51.628	8.341	10.426
554	EDGE47	Y	51.628	47.848	10.426	12.511
555	EDGE47	Y	47.848	45.955	12.511	14.596
556	EDGE47	Y	45.955	46.006	14.596	16.681
557	EDGE47	Y	46.006	49.985	16.681	18.766
558	EDGE47	Y	49.985	52.304	18.766	20.851
559	EDGE47	Y	52.304	48.953	20.851	22.937
560	EDGE47	Y	48.953	45.472	22.937	25.022
561	M675	Y	129.926	129.926	0	2.117
562	M675	Y	129.926	129.926	2.117	4.233
563	M675	Y	129.926	162.407	4.233	6.35
564	M675	Y	162.407	162.407	6.35	8.466
565	M675	Y	162.407	129.926	8.466	10.583
566	M675	Y	129.926	129.926	10.583	12.699
567	M675	Y	129.926	129.926	12.699	14.816
568	M675	Y	129.926	129.926	14.816	16.932
569	M675	Y	129.926	162.407	16.932	19.049
570	M675	Y	162.407	162.407	19.049	21.165
571	M675	Y	162.407	129.926	21.165	23.282
572	M675	Y	129.926	129.926	23.282	25.398
573	M675	Y	129.926	129.926	25.398	27.515
574	M676	Y	129.915	129.915	0	2.117
575	M676	Y	129.915	139.404	2.117	4.233
576	M676	Y	139.404	162.396	4.233	6.35
577	M676	Y	162.396	152.907	6.35	8.466
578	M676	Y	152.907	129.915	8.466	10.583
579	M676	Y	129.915	129.915	10.583	12.699
580	M676	Y	129.915	131.806	12.699	14.816
581	M676	Y	131.806	137.5	14.816	16.932
582	M676	Y	137.5	160.505	16.932	19.049
583	M676	Y	160.505	154.817	19.049	21.165
584	M676	Y	154.817	130.077	21.165	23.282
585	M676	Y	130.077	130.521	23.282	25.398
586	M676	Y	130.521	131.106	25.398	27.515
587	M689	Y	210	210	2.944e-12	27.515
588	M690	Y	194.978	194.978	0	2.117
589	M690	Y	194.978	194.978	2.117	4.233
590	M690	Y	194.978	243.728	4.233	6.35
591	M690	Y	243.728	243.728	6.35	8.466
592	M690	Y	243.728	194.978	8.466	10.583
593	M690	Y	194.978	194.978	10.583	12.699
594	M690	Y	194.978	194.978	12.699	14.816
595	M690	Y	194.978	194.978	14.816	16.932
596	M690	Y	194.978	243.728	16.932	19.049
597	M690	Y	243.728	243.728	19.049	21.165
598	M690	Y	243.728	195.217	21.165	23.282
599	M690	Y	195.217	196.039	23.282	25.398
600	M690	Y	196.039	197.204	25.398	27.515
601	M691	Y	105	105	2.78e-12	27.515
602	M693	Y	210	210	3.179e-12	27.515
603	M694	Y	194.978	194.978	0	2.117

Member Distributed Loads (BLC 49 : BLC 15 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
604	M694	Y	194.978	194.978	2.117	4.233
605	M694	Y	194.978	243.728	4.233	6.35
606	M694	Y	243.728	243.728	6.35	8.466
607	M694	Y	243.728	194.978	8.466	10.583
608	M694	Y	194.978	194.978	10.583	12.699
609	M694	Y	194.978	194.978	12.699	14.816
610	M694	Y	194.978	194.978	14.816	16.932
611	M694	Y	194.978	243.728	16.932	19.049
612	M694	Y	243.728	243.728	19.049	21.165
613	M694	Y	243.728	195.217	21.165	23.282
614	M694	Y	195.217	196.039	23.282	25.398
615	M694	Y	196.039	197.204	25.398	27.515
616	M695	Y	195.825	195.825	3.061e-12	27.515
617	M696	Y	181.818	181.818	0	2.117
618	M696	Y	181.818	181.818	2.117	4.233
619	M696	Y	181.818	227.277	4.233	6.35
620	M696	Y	227.277	227.277	6.35	8.466
621	M696	Y	227.277	181.818	8.466	10.583
622	M696	Y	181.818	181.818	10.583	12.699
623	M696	Y	181.818	181.818	12.699	14.816
624	M696	Y	181.818	181.818	14.816	16.932
625	M696	Y	181.818	227.277	16.932	19.049
626	M696	Y	227.277	227.277	19.049	21.165
627	M696	Y	227.277	182.05	21.165	23.282
628	M696	Y	182.05	182.797	23.282	25.398
629	M696	Y	182.797	183.827	25.398	27.515
630	M698	Y	35	35	0	4.25
631	M699	Y	35	35	3.331e-16	4.25
632	M712	Y	35	35	1.432e-14	25
633	M713	Y	35	35	1.51e-14	25
634	M702	Y	35	35	0	25
635	M703	Y	35	35	3.331e-16	25
636	M710	Y	35	35	1.898e-14	25
637	M711	Y	35	35	1.898e-14	25
638	M706	Y	35	35	1.221e-15	25
639	M707	Y	35	35	1.221e-15	25
640	BM16	Y	636.379	636.076	0	2.082
641	BM16	Y	636.076	635.237	2.082	4.164
642	BM16	Y	635.237	626.285	4.164	6.246
643	BM16	Y	626.285	624	6.246	8.329
644	BM16	Y	624	624.905	8.329	10.411
645	BM16	Y	624.905	615.8	10.411	12.493
646	BM16	Y	615.8	615.725	12.493	14.575
647	BM16	Y	615.725	625.777	14.575	16.657
648	BM16	Y	625.777	631.278	16.657	18.739
649	BM16	Y	631.278	623.091	18.739	20.822
650	BM16	Y	623.091	631.134	20.822	22.904
651	BM16	Y	631.134	646.843	22.904	24.986
652	BM16	Y	646.843	646.961	24.986	27.068
653	BM16	Y	646.961	647.052	27.068	29.15
654	BM17	Y	474.646	474.783	0	2.082
655	BM17	Y	474.783	474.945	2.082	4.164
656	BM17	Y	474.945	570.121	4.164	6.246
657	BM17	Y	570.121	576.428	6.246	8.329
658	BM17	Y	576.428	478.192	8.329	10.411
659	BM17	Y	478.192	470.835	10.411	12.493
660	BM17	Y	470.835	477.015	12.493	14.575
661	BM17	Y	477.015	482.847	14.575	16.657
662	BM17	Y	482.847	497.453	16.657	18.739
663	BM17	Y	497.453	571.927	18.739	20.822
664	BM17	Y	571.927	554.826	20.822	22.904
665	BM17	Y	554.826	476.153	22.904	24.986
666	BM17	Y	476.153	476.101	24.986	27.068
667	BM17	Y	476.101	475.893	27.068	29.15
668	BM35	Y	645.873	645.5	0	2.082
669	BM35	Y	645.5	644.578	2.082	4.164
670	BM35	Y	644.578	629.593	4.164	6.246
671	BM35	Y	629.593	614.61	6.246	8.329

Member Distributed Loads (BLC 49 : BLC 15 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
672	BM35	Y	614.61	613.586	8.329	10.411
673	BM35	Y	613.586	613.22	10.411	12.493
674	BM35	Y	613.22	612.826	12.493	14.575
675	BM35	Y	612.826	612.307	14.575	16.657
676	BM35	Y	612.307	612.867	16.657	18.739
677	BM35	Y	612.867	615.552	18.739	20.822
678	BM35	Y	615.552	636.2	20.822	22.904
679	BM35	Y	636.2	656.707	22.904	24.986
680	BM35	Y	656.707	659.203	24.986	27.068
681	BM35	Y	659.203	660.629	27.068	29.15
682	BM36	Y	645.962	645.611	0	2.082
683	BM36	Y	645.611	644.719	2.082	4.164
684	BM36	Y	644.719	629.637	4.164	6.246
685	BM36	Y	629.637	614.487	6.246	8.329
686	BM36	Y	614.487	613.444	8.329	10.411
687	BM36	Y	613.444	613.14	10.411	12.493
688	BM36	Y	613.14	612.798	12.493	14.575
689	BM36	Y	612.798	612.344	14.575	16.657
690	BM36	Y	612.344	612.965	16.657	18.739
691	BM36	Y	612.965	615.489	18.739	20.822
692	BM36	Y	615.489	636.05	20.822	22.904
693	BM36	Y	636.05	656.7	22.904	24.986
694	BM36	Y	656.7	659.268	24.986	27.068
695	BM36	Y	659.268	660.733	27.068	29.15
696	BM37	Y	625.029	623.895	0	2.082
697	BM37	Y	623.895	621.999	2.082	4.164
698	BM37	Y	621.999	605.832	4.164	6.246
699	BM37	Y	605.832	589.687	6.246	8.329
700	BM37	Y	589.687	587.313	8.329	10.411
701	BM37	Y	587.313	596.695	10.411	12.493
702	BM37	Y	596.695	611.579	12.493	14.575
703	BM37	Y	611.579	608.997	14.575	16.657
704	BM37	Y	608.997	600.413	16.657	18.739
705	BM37	Y	600.413	584.474	18.739	20.822
706	BM37	Y	584.474	610.162	20.822	22.904
707	BM37	Y	610.162	654.934	22.904	24.986
708	BM37	Y	654.934	633.803	24.986	27.068
709	BM37	Y	633.803	582.114	27.068	29.15
710	EDGE18	Y	279.55	279.585	0	2.082
711	EDGE18	Y	279.585	279.578	2.082	4.164
712	EDGE18	Y	279.578	296.737	4.164	6.246
713	EDGE18	Y	296.737	319.823	6.246	8.329
714	EDGE18	Y	319.823	324.984	8.329	10.411
715	EDGE18	Y	324.984	305.574	10.411	12.493
716	EDGE18	Y	305.574	280.009	12.493	14.575
717	EDGE18	Y	280.009	272.289	14.575	16.657
718	EDGE18	Y	272.289	271.249	16.657	18.739
719	EDGE18	Y	271.249	299.411	18.739	20.822
720	EDGE18	Y	299.411	338.495	20.822	22.904
721	EDGE18	Y	338.495	309.897	22.904	24.986
722	EDGE18	Y	309.897	270.614	24.986	27.068
723	EDGE18	Y	270.614	270.649	27.068	29.15
724	EDGE34	Y	187.736	187.967	0	2.059
725	EDGE34	Y	187.967	188.885	2.059	4.119
726	EDGE34	Y	188.885	191.162	4.119	6.178
727	EDGE34	Y	191.162	196.199	6.178	8.238
728	EDGE34	Y	196.199	205.921	8.238	10.297
729	EDGE34	Y	205.921	206.005	10.297	12.357
730	EDGE34	Y	206.005	196.527	12.357	14.416
731	EDGE34	Y	196.527	191.847	14.416	16.476
732	EDGE34	Y	191.847	189.928	16.476	18.535
733	EDGE34	Y	189.928	189.417	18.535	20.595
734	EDGE34	Y	189.417	190.048	20.595	22.654
735	EDGE34	Y	190.048	191.624	22.654	24.714
736	EDGE34	Y	191.624	193.776	24.714	26.773
737	EDGE49	Y	0	213.426	0	0.475
738	EDGE49	Y	213.426	213.426	0.475	0.951
739	EDGE49	Y	213.426	214.699	0.951	1.426

Member Distributed Loads (BLC 49 : BLC 15 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
740	EDGE49	Y	214.699	214.699	1.426	1.902
741	EDGE49	Y	214.699	0	1.902	2.377
742	BM10	Y	630.16	630.16	0	2.01
743	BM10	Y	630.16	630.16	2.01	4.021
744	BM10	Y	630.16	630.16	4.021	6.031
745	BM10	Y	630.16	630.16	6.031	8.042
746	BM10	Y	630.16	630.16	8.042	10.052
747	BM10	Y	630.16	630.16	10.052	12.063
748	BM10	Y	630.16	630.16	12.063	14.073
749	BM10	Y	630.16	630.16	14.073	16.084
750	BM10	Y	630.16	630.16	16.084	18.094
751	BM10	Y	630.16	630.16	18.094	20.104
752	BM10	Y	630.16	630.16	20.104	22.115
753	BM10	Y	630.16	630.113	22.115	24.125
754	BM10	Y	630.113	629.814	24.125	26.136
755	BM10	Y	629.814	629.108	26.136	28.146
756	BM10	Y	629.108	627.5	28.146	30.157
757	BM10	Y	627.5	625.191	30.157	32.167
758	BM11	Y	618.278	618.278	0	2.01
759	BM11	Y	618.278	618.278	2.01	4.021
760	BM11	Y	618.278	618.278	4.021	6.031
761	BM11	Y	618.278	618.278	6.031	8.042
762	BM11	Y	618.278	618.278	8.042	10.052
763	BM11	Y	618.278	618.687	10.052	12.063
764	BM11	Y	618.687	619.846	12.063	14.073
765	BM11	Y	619.846	621.324	14.073	16.084
766	BM11	Y	621.324	622.893	16.084	18.094
767	BM11	Y	622.893	624.073	18.094	20.104
768	BM11	Y	624.073	624.498	20.104	22.115
769	BM11	Y	624.498	624.666	22.115	24.125
770	BM11	Y	624.666	624.706	24.125	26.136
771	BM11	Y	624.706	624.138	26.136	28.146
772	BM11	Y	624.138	622.346	28.146	30.157
773	BM11	Y	622.346	619.814	30.157	32.167
774	BM38	Y	587.966	583.495	0	2.117
775	BM38	Y	583.495	579.689	2.117	4.233
776	BM38	Y	579.689	673.762	4.233	6.35
777	BM38	Y	673.762	707.327	6.35	8.466
778	BM38	Y	707.327	621.671	8.466	10.583
779	BM38	Y	621.671	586.385	10.583	12.699
780	BM38	Y	586.385	574.675	12.699	14.816
781	BM38	Y	574.675	574.675	14.816	16.932
782	BM38	Y	574.675	659.611	16.932	19.049
783	BM38	Y	659.611	718.365	19.049	21.165
784	BM38	Y	718.365	633.428	21.165	23.282
785	BM38	Y	633.428	574.675	23.282	25.398
786	BM38	Y	574.675	574.675	25.398	27.515
787	BM41	Y	593.602	591.408	0	2.117
788	BM41	Y	591.408	589.605	2.117	4.233
789	BM41	Y	589.605	698.687	4.233	6.35
790	BM41	Y	698.687	735.786	6.35	8.466
791	BM41	Y	735.786	625.881	8.466	10.583
792	BM41	Y	625.881	588.667	10.583	12.699
793	BM41	Y	588.667	588.667	12.699	14.816
794	BM41	Y	588.667	588.667	14.816	16.932
795	BM41	Y	588.667	667.892	16.932	19.049
796	BM41	Y	667.892	686.264	19.049	21.165
797	BM41	Y	686.264	625.519	21.165	23.282
798	BM41	Y	625.519	619.528	23.282	25.398
799	BM41	Y	619.528	607.329	25.398	27.515
800	BM43	Y	619.217	622.859	0	2.01
801	BM43	Y	622.859	625.108	2.01	4.021
802	BM43	Y	625.108	625.428	4.021	6.031

Member Distributed Loads (BLC 50 : BLC 16 Transient Area Loads)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	BM14	Y	560.156	560.156	0	2.01
2	BM14	Y	560.156	560.156	2.01	4.021
3	BM14	Y	560.156	560.156	4.021	6.031
4	BM14	Y	560.156	560.156	6.031	8.042
5	BM14	Y	560.156	560.156	8.042	10.052
6	BM14	Y	560.156	560.156	10.052	12.063
7	BM14	Y	560.156	560.156	12.063	14.073
8	BM14	Y	560.156	560.156	14.073	16.084
9	BM14	Y	560.156	560.154	16.084	18.094
10	BM14	Y	560.154	560.101	18.094	20.104
11	BM14	Y	560.101	560.049	20.104	22.115
12	BM14	Y	560.049	560.047	22.115	24.125
13	BM14	Y	560.047	560.047	24.125	26.136
14	BM14	Y	560.047	559.638	26.136	28.146
15	BM14	Y	559.638	558.079	28.146	30.157
16	BM14	Y	558.079	555.776	30.157	32.167
17	BM15	Y	419.436	419.436	0	2.01
18	BM15	Y	419.436	419.436	2.01	4.021
19	BM15	Y	419.436	419.436	4.021	6.031
20	BM15	Y	419.436	419.436	6.031	8.042
21	BM15	Y	419.436	419.472	8.042	10.052
22	BM15	Y	419.472	419.982	10.052	12.063
23	BM15	Y	419.982	421.389	12.063	14.073
24	BM15	Y	421.389	423.558	14.073	16.084
25	BM15	Y	423.558	426.573	16.084	18.094
26	BM15	Y	426.573	428.877	18.094	20.104
27	BM15	Y	428.877	427.917	20.104	22.115
28	BM15	Y	427.917	424.569	22.115	24.125
29	BM15	Y	424.569	421.423	24.125	26.136
30	BM15	Y	421.423	419.127	26.136	28.146
31	BM15	Y	419.127	417.123	28.146	30.157
32	BM15	Y	417.123	415.139	30.157	32.167
33	BM20	Y	393.319	391.562	0	2.117
34	BM20	Y	391.562	390.231	2.117	4.233
35	BM20	Y	390.231	464.451	4.233	6.35
36	BM20	Y	464.451	481.515	6.35	8.466
37	BM20	Y	481.515	412.499	8.466	10.583
38	BM20	Y	412.499	395.418	10.583	12.699
39	BM20	Y	395.418	389.744	12.699	14.816
40	BM20	Y	389.744	389.744	14.816	16.932
41	BM20	Y	389.744	458.72	16.932	19.049
42	BM20	Y	458.72	487.189	19.049	21.165
43	BM20	Y	487.189	418.212	21.165	23.282
44	BM20	Y	418.212	389.744	23.282	25.398
45	BM20	Y	389.744	389.744	25.398	27.515
46	BM21	Y	527.349	525.373	0	2.117
47	BM21	Y	525.373	523.926	2.117	4.233
48	BM21	Y	523.926	614.914	4.233	6.35
49	BM21	Y	614.914	654.15	6.35	8.466
50	BM21	Y	654.15	562.618	8.466	10.583
51	BM21	Y	562.618	523.296	10.583	12.699
52	BM21	Y	523.296	523.296	12.699	14.816
53	BM21	Y	523.296	523.296	14.816	16.932
54	BM21	Y	523.296	596.425	16.932	19.049
55	BM21	Y	596.425	608.744	19.049	21.165
56	BM21	Y	608.744	542.124	21.165	23.282
57	BM21	Y	542.124	536.63	23.282	25.398
58	BM21	Y	536.63	537.263	25.398	27.515
59	BM22	Y	555.836	558.103	0	2.01
60	BM22	Y	558.103	559.66	2.01	4.021
61	BM22	Y	559.66	560.082	4.021	6.031
62	BM22	Y	560.082	560.082	6.031	8.042
63	BM22	Y	560.082	560.082	8.042	10.052
64	BM22	Y	560.082	560.082	10.052	12.063
65	BM22	Y	560.082	560.119	12.063	14.073
66	BM22	Y	560.119	560.155	14.073	16.084
67	BM22	Y	560.155	560.155	16.084	18.094
68	BM22	Y	560.155	560.155	18.094	20.104

Member Distributed Loads (BLC 50 : BLC 16 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
69	BM22	Y	560.155	560.155	20.104	22.115
70	BM22	Y	560.155	560.155	22.115	24.125
71	BM22	Y	560.155	560.155	24.125	26.136
72	BM22	Y	560.155	560.155	26.136	28.146
73	BM22	Y	560.155	560.155	28.146	30.157
74	BM22	Y	560.155	560.155	30.157	32.167
75	BM34	Y	587.525	587.525	0	2.01
76	BM34	Y	587.525	587.525	2.01	4.021
77	BM34	Y	587.525	587.525	4.021	6.031
78	BM34	Y	587.525	587.525	6.031	8.042
79	BM34	Y	587.525	587.525	8.042	10.052
80	BM34	Y	587.525	587.525	10.052	12.063
81	BM34	Y	587.525	587.525	12.063	14.073
82	BM34	Y	587.525	587.525	14.073	16.084
83	BM34	Y	587.525	587.525	16.084	18.094
84	BM34	Y	587.525	587.525	18.094	20.104
85	BM34	Y	587.525	587.525	20.104	22.115
86	BM34	Y	587.525	587.525	22.115	24.125
87	BM34	Y	587.525	587.525	24.125	26.136
88	BM34	Y	587.525	586.779	26.136	28.146
89	BM34	Y	586.779	584.433	28.146	30.157
90	BM34	Y	584.433	581.233	30.157	32.167
91	BM40	Y	551.48	548.39	0	2.117
92	BM40	Y	548.39	546.149	2.117	4.233
93	BM40	Y	546.149	681.831	4.233	6.35
94	BM40	Y	681.831	681.831	6.35	8.466
95	BM40	Y	681.831	545.453	8.466	10.583
96	BM40	Y	545.453	545.453	10.583	12.699
97	BM40	Y	545.453	545.453	12.699	14.816
98	BM40	Y	545.453	545.453	14.816	16.932
99	BM40	Y	545.453	681.831	16.932	19.049
100	BM40	Y	681.831	681.831	19.049	21.165
101	BM40	Y	681.831	545.453	21.165	23.282
102	BM40	Y	545.453	545.453	23.282	25.398
103	BM40	Y	545.453	545.453	25.398	27.515
104	BM45	Y	581.254	584.413	0	2.01
105	BM45	Y	584.413	586.758	2.01	4.021
106	BM45	Y	586.758	587.524	4.021	6.031
107	BM45	Y	587.524	587.524	6.031	8.042
108	BM45	Y	587.524	587.524	8.042	10.052
109	BM45	Y	587.524	587.524	10.052	12.063
110	BM45	Y	587.524	587.524	12.063	14.073
111	BM45	Y	587.524	587.524	14.073	16.084
112	BM45	Y	587.524	587.524	16.084	18.094
113	BM45	Y	587.524	587.524	18.094	20.104
114	BM45	Y	587.524	587.524	20.104	22.115
115	BM45	Y	587.524	587.524	22.115	24.125
116	BM45	Y	587.524	587.524	24.125	26.136
117	BM45	Y	587.524	587.524	26.136	28.146
118	BM45	Y	587.524	587.524	28.146	30.157
119	BM45	Y	587.524	587.524	30.157	32.167
120	BM48	Y	417.394	417.964	0	2.01
121	BM48	Y	417.964	419.136	2.01	4.021
122	BM48	Y	419.136	421.341	4.021	6.031
123	BM48	Y	421.341	424.449	6.031	8.042
124	BM48	Y	424.449	427.824	8.042	10.052
125	BM48	Y	427.824	428.816	10.052	12.063
126	BM48	Y	428.816	426.491	12.063	14.073
127	BM48	Y	426.491	423.499	14.073	16.084
128	BM48	Y	423.499	421.35	16.084	18.094
129	BM48	Y	421.35	419.972	18.094	20.104
130	BM48	Y	419.972	419.449	20.104	22.115
131	BM48	Y	419.449	419.414	22.115	24.125
132	BM48	Y	419.414	419.414	24.125	26.136
133	BM48	Y	419.414	419.414	26.136	28.146
134	BM48	Y	419.414	419.414	28.146	30.157
135	BM48	Y	419.414	419.414	30.157	32.167
136	EDGE17	Y	139.902	154.388	0	2.127

Member Distributed Loads (BLC 50 : BLC 16 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
137	EDGE17	Y	154.388	157.71	2.127	4.254
138	EDGE17	Y	157.71	147.275	4.254	6.381
139	EDGE17	Y	147.275	139.804	6.381	8.507
140	EDGE17	Y	139.804	138.155	8.507	10.634
141	EDGE17	Y	138.155	137.282	10.634	12.761
142	EDGE17	Y	137.282	154.263	12.761	14.888
143	EDGE17	Y	154.263	171.293	14.888	17.015
144	EDGE17	Y	171.293	154.13	17.015	19.142
145	EDGE17	Y	154.13	137.1	19.142	21.269
146	EDGE17	Y	137.1	137.1	21.269	23.395
147	EDGE32	Y	137.86	137.86	0	2.085
148	EDGE32	Y	137.86	137.86	2.085	4.17
149	EDGE32	Y	137.86	172.206	4.17	6.255
150	EDGE32	Y	172.206	172.206	6.255	8.341
151	EDGE32	Y	172.206	137.86	8.341	10.426
152	EDGE32	Y	137.86	137.86	10.426	12.511
153	EDGE32	Y	137.86	137.86	12.511	14.596
154	EDGE32	Y	137.86	137.86	14.596	16.681
155	EDGE32	Y	137.86	160.717	16.681	18.766
156	EDGE32	Y	160.717	172.206	18.766	20.851
157	EDGE32	Y	172.206	149.349	20.851	22.937
158	EDGE32	Y	149.349	126.372	22.937	25.022
159	EDGE33	Y	137.599	137.599	0	2.085
160	EDGE33	Y	137.599	137.599	2.085	4.17
161	EDGE33	Y	137.599	154.727	4.17	6.255
162	EDGE33	Y	154.727	166.196	6.255	8.341
163	EDGE33	Y	166.196	154.884	8.341	10.426
164	EDGE33	Y	154.884	143.545	10.426	12.511
165	EDGE33	Y	143.545	137.866	12.511	14.596
166	EDGE33	Y	137.866	138.019	14.596	16.681
167	EDGE33	Y	138.019	149.956	16.681	18.766
168	EDGE33	Y	149.956	156.913	18.766	20.851
169	EDGE33	Y	156.913	146.859	20.851	22.937
170	EDGE33	Y	146.859	136.417	22.937	25.022
171	EDGE45	Y	137.105	137.105	0	2.127
172	EDGE45	Y	137.105	154.135	2.127	4.254
173	EDGE45	Y	154.135	171.298	4.254	6.381
174	EDGE45	Y	171.298	154.268	6.381	8.507
175	EDGE45	Y	154.268	137.354	8.507	10.634
176	EDGE45	Y	137.354	138.218	10.634	12.761
177	EDGE45	Y	138.218	139.749	12.761	14.888
178	EDGE45	Y	139.749	147.334	14.888	17.015
179	EDGE45	Y	147.334	157.828	17.015	19.142
180	EDGE45	Y	157.828	154.301	19.142	21.269
181	EDGE45	Y	154.301	139.6	21.269	23.395
182	EDGE46	Y	137.819	137.819	0	2.085
183	EDGE46	Y	137.819	137.819	2.085	4.17
184	EDGE46	Y	137.819	172.164	4.17	6.255
185	EDGE46	Y	172.164	172.164	6.255	8.341
186	EDGE46	Y	172.164	137.819	8.341	10.426
187	EDGE46	Y	137.819	137.819	10.426	12.511
188	EDGE46	Y	137.819	137.819	12.511	14.596
189	EDGE46	Y	137.819	137.819	14.596	16.681
190	EDGE46	Y	137.819	160.712	16.681	18.766
191	EDGE46	Y	160.712	172.942	18.766	20.851
192	EDGE46	Y	172.942	151.796	20.851	22.937
193	EDGE46	Y	151.796	130.83	22.937	25.022
194	EDGE47	Y	142.099	146.264	0	2.085
195	EDGE47	Y	146.264	142.295	2.085	4.17
196	EDGE47	Y	142.295	145.735	4.17	6.255
197	EDGE47	Y	145.735	152.974	6.255	8.341
198	EDGE47	Y	152.974	148.759	8.341	10.426
199	EDGE47	Y	148.759	144.911	10.426	12.511
200	EDGE47	Y	144.911	141.745	12.511	14.596
201	EDGE47	Y	141.745	139.728	14.596	16.681
202	EDGE47	Y	139.728	150.424	16.681	18.766
203	EDGE47	Y	150.424	156.967	18.766	20.851
204	EDGE47	Y	156.967	146.869	20.851	22.937

Member Distributed Loads (BLC 50 : BLC 16 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
205	EDGE47	Y	146.869	136.454	22.937	25.022
206	M675	Y	389.778	389.778	0	2.117
207	M675	Y	389.778	389.778	2.117	4.233
208	M675	Y	389.778	487.222	4.233	6.35
209	M675	Y	487.222	487.222	6.35	8.466
210	M675	Y	487.222	389.778	8.466	10.583
211	M675	Y	389.778	389.778	10.583	12.699
212	M675	Y	389.778	389.778	12.699	14.816
213	M675	Y	389.778	389.778	14.816	16.932
214	M675	Y	389.778	487.222	16.932	19.049
215	M675	Y	487.222	487.222	19.049	21.165
216	M675	Y	487.222	389.778	21.165	23.282
217	M675	Y	389.778	389.778	23.282	25.398
218	M675	Y	389.778	389.778	25.398	27.515
219	M676	Y	389.802	389.802	0	2.117
220	M676	Y	389.802	418.271	2.117	4.233
221	M676	Y	418.271	487.578	4.233	6.35
222	M676	Y	487.578	460.235	6.35	8.466
223	M676	Y	460.235	393.447	8.466	10.583
224	M676	Y	393.447	396.678	10.583	12.699
225	M676	Y	396.678	400.614	12.699	14.816
226	M676	Y	400.614	405.179	14.816	16.932
227	M676	Y	405.179	461.539	16.932	19.049
228	M676	Y	461.539	458.05	19.049	21.165
229	M676	Y	458.05	398.958	21.165	23.282
230	M676	Y	398.958	396.611	23.282	25.398
231	M676	Y	396.611	395.333	25.398	27.515
232	M693	Y	564.357	557.986	0	2.117
233	M693	Y	557.986	547.007	2.117	4.233
234	M693	Y	547.007	610.682	4.233	6.35
235	M693	Y	610.682	596.558	6.35	8.466
236	M693	Y	596.558	520.392	8.466	10.583
237	M693	Y	520.392	528.828	10.583	12.699
238	M693	Y	528.828	529.866	12.699	14.816
239	M693	Y	529.866	540.123	14.816	16.932
240	M693	Y	540.123	621.624	16.932	19.049
241	M693	Y	621.624	625.355	19.049	21.165
242	M693	Y	625.355	541.127	21.165	23.282
243	M693	Y	541.127	525.183	23.282	25.398
244	M693	Y	525.183	522.671	25.398	27.515
245	M694	Y	557.382	543.916	0	2.117
246	M694	Y	543.916	542.769	2.117	4.233
247	M694	Y	542.769	608.945	4.233	6.35
248	M694	Y	608.945	596.302	6.35	8.466
249	M694	Y	596.302	523.057	8.466	10.583
250	M694	Y	523.057	523.045	10.583	12.699
251	M694	Y	523.045	523.045	12.699	14.816
252	M694	Y	523.045	562.367	14.816	16.932
253	M694	Y	562.367	653.882	16.932	19.049
254	M694	Y	653.882	614.583	19.049	21.165
255	M694	Y	614.583	523.574	21.165	23.282
256	M694	Y	523.574	525.144	23.282	25.398
257	M694	Y	525.144	527.321	25.398	27.515
258	M695	Y	587.475	587.475	1.102e-12	27.515
259	M696	Y	545.452	545.452	0	2.117
260	M696	Y	545.452	545.452	2.117	4.233
261	M696	Y	545.452	681.83	4.233	6.35
262	M696	Y	681.83	681.83	6.35	8.466
263	M696	Y	681.83	545.452	8.466	10.583
264	M696	Y	545.452	545.452	10.583	12.699
265	M696	Y	545.452	545.452	12.699	14.816
266	M696	Y	545.452	545.452	14.816	16.932
267	M696	Y	545.452	681.83	16.932	19.049
268	M696	Y	681.83	681.83	19.049	21.165
269	M696	Y	681.83	546.147	21.165	23.282
270	M696	Y	546.147	548.408	23.282	25.398
271	M696	Y	548.408	551.543	25.398	27.515
272	M678	Y	47.8	47.8	6.939e-15	13.333

Member Distributed Loads (BLC 50 : BLC 16 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
273	M680	Y	47.8	47.8	7.605e-15	13.333
274	CANOPY10	Y	47.8	47.8	6.106e-16	13.333
275	CANOPY13	Y	47.8	47.8	1.432e-14	25
276	CANOPY18	Y	47.8	47.8	9.492e-15	7.667
277	CANOPY21	Y	47.8	47.8	9.603e-15	13.333
278	CANOPY28	Y	47.8	47.8	1.221e-15	25
279	CANOPY32	Y	47.8	47.8	1.432e-14	25
280	CANOPY33	Y	47.8	47.8	1.221e-15	25
281	CANOPY34	Y	47.8	47.8	1.005e-14	7.667
282	BM12	Y	245.09	245.09	0	2.01
283	BM12	Y	245.09	245.09	2.01	4.021
284	BM12	Y	245.09	245.09	4.021	6.031
285	BM12	Y	245.09	245.09	6.031	8.042
286	BM12	Y	245.09	245.09	8.042	10.052
287	BM12	Y	245.09	245.09	10.052	12.063
288	BM12	Y	245.09	245.09	12.063	14.073
289	BM12	Y	245.09	245.09	14.073	16.084
290	BM12	Y	245.09	245.054	16.084	18.094
291	BM12	Y	245.054	245.017	18.094	20.104
292	BM12	Y	245.017	245.017	20.104	22.115
293	BM12	Y	245.017	245.017	22.115	24.125
294	BM12	Y	245.017	245.017	24.125	26.136
295	BM12	Y	245.017	244.876	26.136	28.146
296	BM12	Y	244.876	244.358	28.146	30.157
297	BM12	Y	244.358	243.602	30.157	32.167
298	BM13	Y	350.068	350.068	0	2.01
299	BM13	Y	350.068	350.068	2.01	4.021
300	BM13	Y	350.068	350.068	4.021	6.031
301	BM13	Y	350.068	350.068	6.031	8.042
302	BM13	Y	350.068	350.068	8.042	10.052
303	BM13	Y	350.068	350.068	10.052	12.063
304	BM13	Y	350.068	350.068	12.063	14.073
305	BM13	Y	350.068	350.068	14.073	16.084
306	BM13	Y	350.068	350.031	16.084	18.094
307	BM13	Y	350.031	349.85	18.094	20.104
308	BM13	Y	349.85	349.676	20.104	22.115
309	BM13	Y	349.676	349.652	22.115	24.125
310	BM13	Y	349.652	349.653	24.125	26.136
311	BM13	Y	349.653	349.361	26.136	28.146
312	BM13	Y	349.361	348.369	28.146	30.157
313	BM13	Y	348.369	346.957	30.157	32.167
314	BM18	Y	347.302	348.502	0	2.01
315	BM18	Y	348.502	349.413	2.01	4.021
316	BM18	Y	349.413	349.75	4.021	6.031
317	BM18	Y	349.75	349.778	6.031	8.042
318	BM18	Y	349.778	349.78	8.042	10.052
319	BM18	Y	349.78	349.778	10.052	12.063
320	BM18	Y	349.778	349.919	12.063	14.073
321	BM18	Y	349.919	350.065	14.073	16.084
322	BM18	Y	350.065	350.065	16.084	18.094
323	BM18	Y	350.065	350.065	18.094	20.104
324	BM18	Y	350.065	350.065	20.104	22.115
325	BM18	Y	350.065	350.065	22.115	24.125
326	BM18	Y	350.065	350.065	24.125	26.136
327	BM18	Y	350.065	350.065	26.136	28.146
328	BM18	Y	350.065	350.065	28.146	30.157
329	BM18	Y	350.065	350.065	30.157	32.167
330	BM25	Y	330.06	328.582	0	2.117
331	BM25	Y	328.582	327.374	2.117	4.233
332	BM25	Y	327.374	398.008	4.233	6.35
333	BM25	Y	398.008	408.112	6.35	8.466
334	BM25	Y	408.112	336.818	8.466	10.583
335	BM25	Y	336.818	326.521	10.583	12.699
336	BM25	Y	326.521	326.521	12.699	14.816
337	BM25	Y	326.521	326.521	14.816	16.932
338	BM25	Y	326.521	370.533	16.932	19.049
339	BM25	Y	370.533	387.539	19.049	21.165
340	BM25	Y	387.539	357.211	21.165	23.282

Member Distributed Loads (BLC 50 : BLC 16 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
341	BM25	Y	357.211	347.075	23.282	25.398
342	BM25	Y	347.075	333.444	25.398	27.515
343	BM27	Y	231.069	230.312	0	2.117
344	BM27	Y	230.312	229.724	2.117	4.233
345	BM27	Y	229.724	259.995	4.233	6.35
346	BM27	Y	259.995	286.889	6.35	8.466
347	BM27	Y	286.889	256.384	8.466	10.583
348	BM27	Y	256.384	229.467	10.583	12.699
349	BM27	Y	229.467	229.467	12.699	14.816
350	BM27	Y	229.467	229.467	14.816	16.932
351	BM27	Y	229.467	253.842	16.932	19.049
352	BM27	Y	253.842	257.917	19.049	21.165
353	BM27	Y	257.917	235.518	21.165	23.282
354	BM27	Y	235.518	238.785	23.282	25.398
355	BM27	Y	238.785	249.518	25.398	27.515
356	BM33	Y	350.065	350.065	0	2.01
357	BM33	Y	350.065	350.065	2.01	4.021
358	BM33	Y	350.065	350.065	4.021	6.031
359	BM33	Y	350.065	350.065	6.031	8.042
360	BM33	Y	350.065	350.065	8.042	10.052
361	BM33	Y	350.065	350.065	10.052	12.063
362	BM33	Y	350.065	350.065	12.063	14.073
363	BM33	Y	350.065	350.065	14.073	16.084
364	BM33	Y	350.065	349.92	16.084	18.094
365	BM33	Y	349.92	349.778	18.094	20.104
366	BM33	Y	349.778	349.78	20.104	22.115
367	BM33	Y	349.78	349.756	22.115	24.125
368	BM33	Y	349.756	349.65	24.125	26.136
369	BM33	Y	349.65	349.352	26.136	28.146
370	BM33	Y	349.352	348.517	28.146	30.157
371	BM33	Y	348.517	347.279	30.157	32.167
372	BM39	Y	329.515	328.421	0	2.117
373	BM39	Y	328.421	327.539	2.117	4.233
374	BM39	Y	327.539	398.256	4.233	6.35
375	BM39	Y	398.256	408.197	6.35	8.466
376	BM39	Y	408.197	336.79	8.466	10.583
377	BM39	Y	336.79	326.493	10.583	12.699
378	BM39	Y	326.493	326.493	12.699	14.816
379	BM39	Y	326.493	326.493	14.816	16.932
380	BM39	Y	326.493	370.493	16.932	19.049
381	BM39	Y	370.493	387.267	19.049	21.165
382	BM39	Y	387.267	353.332	21.165	23.282
383	BM39	Y	353.332	340.724	23.282	25.398
384	BM39	Y	340.724	328.927	25.398	27.515
385	BM42	Y	347.279	348.517	0	2.01
386	BM42	Y	348.517	349.352	2.01	4.021
387	BM42	Y	349.352	349.65	4.021	6.031
388	BM42	Y	349.65	349.756	6.031	8.042
389	BM42	Y	349.756	349.78	8.042	10.052
390	BM42	Y	349.78	349.778	10.052	12.063
391	BM42	Y	349.778	349.92	12.063	14.073
392	BM42	Y	349.92	350.065	14.073	16.084
393	BM42	Y	350.065	350.065	16.084	18.094
394	BM42	Y	350.065	350.065	18.094	20.104
395	BM42	Y	350.065	350.065	20.104	22.115
396	BM42	Y	350.065	350.065	22.115	24.125
397	BM42	Y	350.065	350.065	24.125	26.136
398	BM42	Y	350.065	350.065	26.136	28.146
399	BM42	Y	350.065	350.065	28.146	30.157
400	BM42	Y	350.065	350.065	30.157	32.167
401	BM47	Y	243.594	244.362	0	2.01
402	BM47	Y	244.362	244.881	2.01	4.021
403	BM47	Y	244.881	245.018	4.021	6.031
404	BM47	Y	245.018	245.018	6.031	8.042
405	BM47	Y	245.018	245.018	8.042	10.052
406	BM47	Y	245.018	245.018	10.052	12.063
407	BM47	Y	245.018	245.054	12.063	14.073
408	BM47	Y	245.054	245.09	14.073	16.084

Member Distributed Loads (BLC 50 : BLC 16 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
409	BM47	Y	245.09	245.09	16.084	18.094
410	BM47	Y	245.09	245.09	18.094	20.104
411	BM47	Y	245.09	245.09	20.104	22.115
412	BM47	Y	245.09	245.09	22.115	24.125
413	BM47	Y	245.09	245.09	24.125	26.136
414	BM47	Y	245.09	245.09	26.136	28.146
415	BM47	Y	245.09	245.09	28.146	30.157
416	BM47	Y	245.09	245.09	30.157	32.167
417	M673	Y	252.744	245.043	0	2.117
418	M673	Y	245.043	239.459	2.117	4.233
419	M673	Y	239.459	259.918	4.233	6.35
420	M673	Y	259.918	257.776	6.35	8.466
421	M673	Y	257.776	233.265	8.466	10.583
422	M673	Y	233.265	233.167	10.583	12.699
423	M673	Y	233.167	234.649	12.699	14.816
424	M673	Y	234.649	233.747	14.816	16.932
425	M673	Y	233.747	259.602	16.932	19.049
426	M673	Y	259.602	261.176	19.049	21.165
427	M673	Y	261.176	241.603	21.165	23.282
428	M673	Y	241.603	251.539	23.282	25.398
429	M673	Y	251.539	257.383	25.398	27.515
430	M674	Y	244.007	237.099	0	2.117
431	M674	Y	237.099	235.671	2.117	4.233
432	M674	Y	235.671	257.995	4.233	6.35
433	M674	Y	257.995	253.917	6.35	8.466
434	M674	Y	253.917	229.542	8.466	10.583
435	M674	Y	229.542	229.542	10.583	12.699
436	M674	Y	229.542	229.542	12.699	14.816
437	M674	Y	229.542	256.459	14.816	16.932
438	M674	Y	256.459	286.963	16.932	19.049
439	M674	Y	286.963	260.069	19.049	21.165
440	M674	Y	260.069	229.809	21.165	23.282
441	M674	Y	229.809	230.384	23.282	25.398
442	M674	Y	230.384	231.088	25.398	27.515
443	M689	Y	338.774	331.911	0	2.117
444	M689	Y	331.911	323.056	2.117	4.233
445	M689	Y	323.056	383.733	4.233	6.35
446	M689	Y	383.733	395.413	6.35	8.466
447	M689	Y	395.413	340.092	8.466	10.583
448	M689	Y	340.092	338.72	10.583	12.699
449	M689	Y	338.72	339.953	12.699	14.816
450	M689	Y	339.953	335.051	14.816	16.932
451	M689	Y	335.051	379.343	16.932	19.049
452	M689	Y	379.343	379.66	19.049	21.165
453	M689	Y	379.66	334.771	21.165	23.282
454	M689	Y	334.771	340.762	23.282	25.398
455	M689	Y	340.762	341.366	25.398	27.515
456	M690	Y	310.113	327.867	0	2.117
457	M690	Y	327.867	350.289	2.117	4.233
458	M690	Y	350.289	391.917	4.233	6.35
459	M690	Y	391.917	373.189	6.35	8.466
460	M690	Y	373.189	326.49	8.466	10.583
461	M690	Y	326.49	326.6	10.583	12.699
462	M690	Y	326.6	326.6	12.699	14.816
463	M690	Y	326.6	336.897	14.816	16.932
464	M690	Y	336.897	408.192	16.932	19.049
465	M690	Y	408.192	398.087	19.049	21.165
466	M690	Y	398.087	327.454	21.165	23.282
467	M690	Y	327.454	328.661	23.282	25.398
468	M690	Y	328.661	330.139	25.398	27.515
469	M691	Y	326.265	326.265	0	2.117
470	M691	Y	326.265	326.265	2.117	4.233
471	M691	Y	326.265	373.67	4.233	6.35
472	M691	Y	373.67	383.852	6.35	8.466
473	M691	Y	383.852	346.469	8.466	10.583
474	M691	Y	346.469	339.292	10.583	12.699
475	M691	Y	339.292	327.589	12.699	14.816
476	M691	Y	327.589	327.53	14.816	16.932

Member Distributed Loads (BLC 50 : BLC 16 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
477	M691	Y	327.53	394.002	16.932	19.049
478	M691	Y	394.002	389.797	19.049	21.165
479	M691	Y	389.797	324.1	21.165	23.282
480	M691	Y	324.1	325.015	23.282	25.398
481	M691	Y	325.015	326.141	25.398	27.515
482	M692	Y	333.444	347.075	0	2.117
483	M692	Y	347.075	357.211	2.117	4.233
484	M692	Y	357.211	387.539	4.233	6.35
485	M692	Y	387.539	370.534	6.35	8.466
486	M692	Y	370.534	326.521	8.466	10.583
487	M692	Y	326.521	326.521	10.583	12.699
488	M692	Y	326.521	326.521	12.699	14.816
489	M692	Y	326.521	336.818	14.816	16.932
490	M692	Y	336.818	408.112	16.932	19.049
491	M692	Y	408.112	398	19.049	21.165
492	M692	Y	398	327.334	21.165	23.282
493	M692	Y	327.334	328.509	23.282	25.398
494	M692	Y	328.509	329.97	25.398	27.515
495	BM10	Y	210.007	210.007	0.005	32.15
496	BM11	Y	206.099	206.099	0	2.01
497	BM11	Y	206.099	206.099	2.01	4.021
498	BM11	Y	206.099	206.099	4.021	6.031
499	BM11	Y	206.099	206.099	6.031	8.042
500	BM11	Y	206.099	206.099	8.042	10.052
501	BM11	Y	206.099	206.255	10.052	12.063
502	BM11	Y	206.255	206.712	12.063	14.073
503	BM11	Y	206.712	207.278	14.073	16.084
504	BM11	Y	207.278	207.867	16.084	18.094
505	BM11	Y	207.867	208.321	18.094	20.104
506	BM11	Y	208.321	208.466	20.104	22.115
507	BM11	Y	208.466	208.461	22.115	24.125
508	BM11	Y	208.461	208.476	24.125	26.136
509	BM11	Y	208.476	208.369	26.136	28.146
510	BM11	Y	208.369	207.62	28.146	30.157
511	BM11	Y	207.62	206.406	30.157	32.167
512	BM24	Y	197.204	196.039	0	2.117
513	BM24	Y	196.039	195.217	2.117	4.233
514	BM24	Y	195.217	243.728	4.233	6.35
515	BM24	Y	243.728	243.728	6.35	8.466
516	BM24	Y	243.728	194.978	8.466	10.583
517	BM24	Y	194.978	194.978	10.583	12.699
518	BM24	Y	194.978	194.978	12.699	14.816
519	BM24	Y	194.978	194.978	14.816	16.932
520	BM24	Y	194.978	243.728	16.932	19.049
521	BM24	Y	243.728	243.728	19.049	21.165
522	BM24	Y	243.728	194.978	21.165	23.282
523	BM24	Y	194.978	194.978	23.282	25.398
524	BM24	Y	194.978	194.978	25.398	27.515
525	BM32	Y	210.007	210.007	0.005	32.15
526	BM38	Y	195.592	194.074	0	2.117
527	BM38	Y	194.074	192.681	2.117	4.233
528	BM38	Y	192.681	224.051	4.233	6.35
529	BM38	Y	224.051	235.557	6.35	8.466
530	BM38	Y	235.557	207.212	8.466	10.583
531	BM38	Y	207.212	195.461	10.583	12.699
532	BM38	Y	195.461	191.558	12.699	14.816
533	BM38	Y	191.558	191.558	14.816	16.932
534	BM38	Y	191.558	219.87	16.932	19.049
535	BM38	Y	219.87	239.454	19.049	21.165
536	BM38	Y	239.454	211.142	21.165	23.282
537	BM38	Y	211.142	191.558	23.282	25.398
538	BM38	Y	191.558	191.558	25.398	27.515
539	BM41	Y	197.204	196.039	0	2.117
540	BM41	Y	196.039	195.217	2.117	4.233
541	BM41	Y	195.217	243.728	4.233	6.35
542	BM41	Y	243.728	243.728	6.35	8.466
543	BM41	Y	243.728	194.978	8.466	10.583
544	BM41	Y	194.978	194.978	10.583	12.699

Member Distributed Loads (BLC 50 : BLC 16 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
545	BM41	Y	194.978	194.978	12.699	14.816
546	BM41	Y	194.978	194.978	14.816	16.932
547	BM41	Y	194.978	243.728	16.932	19.049
548	BM41	Y	243.728	243.728	19.049	21.165
549	BM41	Y	243.728	194.978	21.165	23.282
550	BM41	Y	194.978	194.978	23.282	25.398
551	BM41	Y	194.978	194.978	25.398	27.515
552	BM43	Y	206.605	207.449	0	2.01
553	BM43	Y	207.449	208.046	2.01	4.021
554	BM43	Y	208.046	208.235	4.021	6.031
555	BM43	Y	208.235	208.222	6.031	8.042
556	BM43	Y	208.222	208.166	8.042	10.052
557	BM43	Y	208.166	208.024	10.052	12.063
558	BM43	Y	208.024	207.631	12.063	14.073
559	BM43	Y	207.631	207.108	14.073	16.084
560	BM43	Y	207.108	206.615	16.084	18.094
561	BM43	Y	206.615	206.229	18.094	20.104
562	BM43	Y	206.229	206.093	20.104	22.115
563	BM43	Y	206.093	206.093	22.115	24.125
564	BM43	Y	206.093	206.093	24.125	26.136
565	BM43	Y	206.093	206.093	26.136	28.146
566	BM43	Y	206.093	206.093	28.146	30.157
567	BM43	Y	206.093	206.093	30.157	32.167
568	BM44	Y	207.669	208.902	0	2.01
569	BM44	Y	208.902	209.769	2.01	4.021
570	BM44	Y	209.769	210.019	4.021	6.031
571	BM44	Y	210.019	210.019	6.031	8.042
572	BM44	Y	210.019	210.019	8.042	10.052
573	BM44	Y	210.019	210.019	10.052	12.063
574	BM44	Y	210.019	210.019	12.063	14.073
575	BM44	Y	210.019	210.019	14.073	16.084
576	BM44	Y	210.019	210.019	16.084	18.094
577	BM44	Y	210.019	210.019	18.094	20.104
578	BM44	Y	210.019	210.019	20.104	22.115
579	BM44	Y	210.019	210.019	22.115	24.125
580	BM44	Y	210.019	210.019	24.125	26.136
581	BM44	Y	210.019	210.019	26.136	28.146
582	BM44	Y	210.019	210.019	28.146	30.157
583	BM44	Y	210.019	210.019	30.157	32.167
584	BM46	Y	207.669	208.902	0	2.01
585	BM46	Y	208.902	209.769	2.01	4.021
586	BM46	Y	209.769	210.019	4.021	6.031
587	BM46	Y	210.019	210.019	6.031	8.042
588	BM46	Y	210.019	210.019	8.042	10.052
589	BM46	Y	210.019	210.019	10.052	12.063
590	BM46	Y	210.019	210.019	12.063	14.073
591	BM46	Y	210.019	210.019	14.073	16.084
592	BM46	Y	210.019	210.019	16.084	18.094
593	BM46	Y	210.019	210.019	18.094	20.104
594	BM46	Y	210.019	210.019	20.104	22.115
595	BM46	Y	210.019	210.019	22.115	24.125
596	BM46	Y	210.019	210.019	24.125	26.136
597	BM46	Y	210.019	210.019	26.136	28.146
598	BM46	Y	210.019	210.019	28.146	30.157
599	BM46	Y	210.019	210.019	30.157	32.167
600	EDGE10	Y	94.758	94.758	0	2.085
601	EDGE10	Y	94.758	94.758	2.085	4.17
602	EDGE10	Y	94.758	118.386	4.17	6.255
603	EDGE10	Y	118.386	118.386	6.255	8.341
604	EDGE10	Y	118.386	94.758	8.341	10.426
605	EDGE10	Y	94.758	94.758	10.426	12.511
606	EDGE10	Y	94.758	94.758	12.511	14.596
607	EDGE10	Y	94.758	94.758	14.596	16.681
608	EDGE10	Y	94.758	112.456	16.681	18.766
609	EDGE10	Y	112.456	118.386	18.766	20.851
610	EDGE10	Y	118.386	100.688	20.851	22.937
611	EDGE10	Y	100.688	88.828	22.937	25.022
612	EDGE29	Y	94.758	94.758	0	2.085

Member Distributed Loads (BLC 50 : BLC 16 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
613	EDGE29	Y	94.758	94.758	2.085	4.17
614	EDGE29	Y	94.758	118.386	4.17	6.255
615	EDGE29	Y	118.386	118.386	6.255	8.341
616	EDGE29	Y	118.386	94.758	8.341	10.426
617	EDGE29	Y	94.758	94.758	10.426	12.511
618	EDGE29	Y	94.758	94.758	12.511	14.596
619	EDGE29	Y	94.758	94.758	14.596	16.681
620	EDGE29	Y	94.758	112.456	16.681	18.766
621	EDGE29	Y	112.456	118.386	18.766	20.851
622	EDGE29	Y	118.386	100.688	20.851	22.937
623	EDGE29	Y	100.688	88.828	22.937	25.022
624	EDGE30	Y	96.758	104.277	0	2.127
625	EDGE30	Y	104.277	109.721	2.127	4.254
626	EDGE30	Y	109.721	103.297	4.254	6.381
627	EDGE30	Y	103.297	94.956	6.381	8.507
628	EDGE30	Y	94.956	94.531	8.507	10.634
629	EDGE30	Y	94.531	94.3	10.634	12.761
630	EDGE30	Y	94.3	109.984	12.761	14.888
631	EDGE30	Y	109.984	117.784	14.888	17.015
632	EDGE30	Y	117.784	102.062	17.015	19.142
633	EDGE30	Y	102.062	94.262	19.142	21.269
634	EDGE30	Y	94.262	94.262	21.269	23.395
635	EDGE31	Y	94.464	94.464	0	2.085
636	EDGE31	Y	94.464	94.464	2.085	4.17
637	EDGE31	Y	94.464	104.279	4.17	6.255
638	EDGE31	Y	104.279	114.315	6.255	8.341
639	EDGE31	Y	114.315	109.52	8.341	10.426
640	EDGE31	Y	109.52	101.694	10.426	12.511
641	EDGE31	Y	101.694	100.204	12.511	14.596
642	EDGE31	Y	100.204	103.142	14.596	16.681
643	EDGE31	Y	103.142	99.51	16.681	18.766
644	EDGE31	Y	99.51	95.959	18.766	20.851
645	EDGE31	Y	95.959	98.786	20.851	22.937
646	EDGE31	Y	98.786	101.04	22.937	25.022
647	EDGE43	Y	94.166	94.166	0	2.127
648	EDGE43	Y	94.166	105.882	2.127	4.254
649	EDGE43	Y	105.882	117.688	4.254	6.381
650	EDGE43	Y	117.688	105.973	6.381	8.507
651	EDGE43	Y	105.973	94.212	8.507	10.634
652	EDGE43	Y	94.212	94.488	10.634	12.761
653	EDGE43	Y	94.488	94.984	12.761	14.888
654	EDGE43	Y	94.984	101.414	14.888	17.015
655	EDGE43	Y	101.414	107.897	17.015	19.142
656	EDGE43	Y	107.897	106.565	19.142	21.269
657	EDGE43	Y	106.565	103.264	21.269	23.395
658	EDGE44	Y	94.499	94.499	0	2.085
659	EDGE44	Y	94.499	94.499	2.085	4.17
660	EDGE44	Y	94.499	104.33	4.17	6.255
661	EDGE44	Y	104.33	114.534	6.255	8.341
662	EDGE44	Y	114.534	109.446	8.341	10.426
663	EDGE44	Y	109.446	100.462	10.426	12.511
664	EDGE44	Y	100.462	97.617	12.511	14.596
665	EDGE44	Y	97.617	98.928	14.596	16.681
666	EDGE44	Y	98.928	107.436	16.681	18.766
667	EDGE44	Y	107.436	104.663	18.766	20.851
668	EDGE44	Y	104.663	94.3	20.851	22.937
669	EDGE44	Y	94.3	94.874	22.937	25.022
670	M677	Y	210	210	2.591e-12	27.515
671	M684	Y	194.978	194.978	0	2.117
672	M684	Y	194.978	194.978	2.117	4.233
673	M684	Y	194.978	243.728	4.233	6.35
674	M684	Y	243.728	243.728	6.35	8.466
675	M684	Y	243.728	194.978	8.466	10.583
676	M684	Y	194.978	194.978	10.583	12.699
677	M684	Y	194.978	194.978	12.699	14.816
678	M684	Y	194.978	194.978	14.816	16.932
679	M684	Y	194.978	243.728	16.932	19.049
680	M684	Y	243.728	243.728	19.049	21.165

Member Distributed Loads (BLC 50 : BLC 16 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
681	M684	Y	243.728	195.217	21.165	23.282
682	M684	Y	195.217	196.039	23.282	25.398
683	M684	Y	196.039	197.204	25.398	27.515
684	M685	Y	210	210	1.558e-12	27.515
685	M686	Y	194.978	194.978	0	2.117
686	M686	Y	194.978	194.978	2.117	4.233
687	M686	Y	194.978	243.728	4.233	6.35
688	M686	Y	243.728	243.728	6.35	8.466
689	M686	Y	243.728	194.978	8.466	10.583
690	M686	Y	194.978	194.978	10.583	12.699
691	M686	Y	194.978	194.978	12.699	14.816
692	M686	Y	194.978	194.978	14.816	16.932
693	M686	Y	194.978	243.728	16.932	19.049
694	M686	Y	243.728	243.728	19.049	21.165
695	M686	Y	243.728	195.217	21.165	23.282
696	M686	Y	195.217	196.039	23.282	25.398
697	M686	Y	196.039	197.204	25.398	27.515
698	M687	Y	191.587	191.587	0	2.117
699	M687	Y	191.587	191.587	2.117	4.233
700	M687	Y	191.587	239.484	4.233	6.35
701	M687	Y	239.484	239.484	6.35	8.466
702	M687	Y	239.484	191.587	8.466	10.583
703	M687	Y	191.587	191.587	10.583	12.699
704	M687	Y	191.587	191.587	12.699	14.816
705	M687	Y	191.587	191.587	14.816	16.932
706	M687	Y	191.587	239.484	16.932	19.049
707	M687	Y	239.484	239.484	19.049	21.165
708	M687	Y	239.484	191.587	21.165	23.282
709	M687	Y	191.587	191.587	23.282	25.398
710	M687	Y	191.587	191.587	25.398	27.515
711	M688	Y	191.558	191.558	0	2.117
712	M688	Y	191.558	211.143	2.117	4.233
713	M688	Y	211.143	239.455	4.233	6.35
714	M688	Y	239.455	219.87	6.35	8.466
715	M688	Y	219.87	191.558	8.466	10.583
716	M688	Y	191.558	191.558	10.583	12.699
717	M688	Y	191.558	195.462	12.699	14.816
718	M688	Y	195.462	207.224	14.816	16.932
719	M688	Y	207.224	235.776	16.932	19.049
720	M688	Y	235.776	224.587	19.049	21.165
721	M688	Y	224.587	193.23	21.165	23.282
722	M688	Y	193.23	194.498	23.282	25.398
723	M688	Y	194.498	195.989	25.398	27.515
724	DIAPH227	Y	122.325	122.325	5.218e-15	8.257
725	EDGE12	Y	112.35	112.35	4.097e-14	8.257
726	EDGE43	Y	9.975	9.975	2.22e-16	8.257
727	BM16	Y	212.136	212.029	0	2.082
728	BM16	Y	212.029	211.732	2.082	4.164
729	BM16	Y	211.732	208.764	4.164	6.246
730	BM16	Y	208.764	208.049	6.246	8.329
731	BM16	Y	208.049	208.342	8.329	10.411
732	BM16	Y	208.342	205.355	10.411	12.493
733	BM16	Y	205.355	205.286	12.493	14.575
734	BM16	Y	205.286	208.574	14.575	16.657
735	BM16	Y	208.574	210.382	16.657	18.739
736	BM16	Y	210.382	207.578	18.739	20.822
737	BM16	Y	207.578	210.333	20.822	22.904
738	BM16	Y	210.333	215.647	22.904	24.986
739	BM16	Y	215.647	215.679	24.986	27.068
740	BM16	Y	215.679	215.675	27.068	29.15
741	BM17	Y	158.225	158.248	0	2.082
742	BM17	Y	158.248	158.259	2.082	4.164
743	BM17	Y	158.259	186.493	4.164	6.246
744	BM17	Y	186.493	193.972	6.246	8.329
745	BM17	Y	193.972	169.251	8.329	10.411
746	BM17	Y	169.251	161.04	10.411	12.493
747	BM17	Y	161.04	156.333	12.493	14.575
748	BM17	Y	156.333	155.629	14.575	16.657

Member Distributed Loads (BLC 50 : BLC 16 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
749	BM17	Y	155.629	157.562	16.657	18.739
750	BM17	Y	157.562	185.96	18.739	20.822
751	BM17	Y	185.96	193.5	20.822	22.904
752	BM17	Y	193.5	165.829	22.904	24.986
753	BM17	Y	165.829	156.85	24.986	27.068
754	BM17	Y	156.85	156.86	27.068	29.15
755	BM35	Y	215.321	215.204	0	2.082
756	BM35	Y	215.204	214.906	2.082	4.164
757	BM35	Y	214.906	209.879	4.164	6.246
758	BM35	Y	209.879	204.829	6.246	8.329
759	BM35	Y	204.829	204.481	8.329	10.411
760	BM35	Y	204.481	204.377	10.411	12.493
761	BM35	Y	204.377	204.266	12.493	14.575
762	BM35	Y	204.266	204.118	14.575	16.657
763	BM35	Y	204.118	204.322	16.657	18.739
764	BM35	Y	204.322	205.163	18.739	20.822
765	BM35	Y	205.163	212.017	20.822	22.904
766	BM35	Y	212.017	218.9	22.904	24.986
767	BM35	Y	218.9	219.756	24.986	27.068
768	BM35	Y	219.756	220.244	27.068	29.15
769	BM36	Y	215.291	215.167	0	2.082
770	BM36	Y	215.167	214.859	2.082	4.164
771	BM36	Y	214.859	209.864	4.164	6.246
772	BM36	Y	209.864	204.87	6.246	8.329
773	BM36	Y	204.87	204.528	8.329	10.411
774	BM36	Y	204.528	204.406	10.411	12.493
775	BM36	Y	204.406	204.276	12.493	14.575
776	BM36	Y	204.276	204.104	14.575	16.657
777	BM36	Y	204.104	204.289	16.657	18.739
778	BM36	Y	204.289	205.184	18.739	20.822
779	BM36	Y	205.184	212.067	20.822	22.904
780	BM36	Y	212.067	218.902	22.904	24.986
781	BM36	Y	218.902	219.734	24.986	27.068
782	BM36	Y	219.734	220.21	27.068	29.15
783	BM37	Y	208.33	207.953	0	2.082
784	BM37	Y	207.953	207.333	2.082	4.164
785	BM37	Y	207.333	201.979	4.164	6.246
786	BM37	Y	201.979	196.572	6.246	8.329
787	BM37	Y	196.572	195.748	8.329	10.411
788	BM37	Y	195.748	198.887	10.411	12.493
789	BM37	Y	198.887	203.856	12.493	14.575
790	BM37	Y	203.856	202.984	14.575	16.657
791	BM37	Y	202.984	200.108	16.657	18.739
792	BM37	Y	200.108	197.07	18.739	20.822
793	BM37	Y	197.07	203.393	20.822	22.904
794	BM37	Y	203.393	216.07	22.904	24.986
795	BM37	Y	216.07	211.294	24.986	27.068
796	BM37	Y	211.294	194.077	27.068	29.15
797	EDGE18	Y	93.18	93.196	0	2.082
798	EDGE18	Y	93.196	93.194	2.082	4.164
799	EDGE18	Y	93.194	98.913	4.164	6.246
800	EDGE18	Y	98.913	106.607	6.246	8.329
801	EDGE18	Y	106.607	108.323	8.329	10.411
802	EDGE18	Y	108.323	101.853	10.411	12.493
803	EDGE18	Y	101.853	93.341	12.493	14.575
804	EDGE18	Y	93.341	90.767	14.575	16.657
805	EDGE18	Y	90.767	90.416	16.657	18.739
806	EDGE18	Y	90.416	99.816	18.739	20.822
807	EDGE18	Y	99.816	112.825	20.822	22.904
808	EDGE18	Y	112.825	103.29	22.904	24.986
809	EDGE18	Y	103.29	90.212	24.986	27.068
810	EDGE18	Y	90.212	90.213	27.068	29.15
811	EDGE34	Y	62.544	62.544	0	2.059
812	EDGE34	Y	62.544	62.544	2.059	4.119
813	EDGE34	Y	62.544	62.544	4.119	6.178
814	EDGE34	Y	62.544	62.558	6.178	8.238
815	EDGE34	Y	62.558	62.694	8.238	10.297
816	EDGE34	Y	62.694	62.974	10.297	12.357

Member Distributed Loads (BLC 50 : BLC 16 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
817	EDGE34	Y	62.974	63.261	12.357	14.416
818	EDGE34	Y	63.261	66.786	14.416	16.476
819	EDGE34	Y	66.786	68.736	16.476	18.535
820	EDGE34	Y	68.736	64.042	18.535	20.595
821	EDGE34	Y	64.042	63.023	20.595	22.654
822	EDGE34	Y	63.023	67.468	22.654	24.714
823	EDGE34	Y	67.468	71.9	24.714	26.773
824	EDGE49	Y	-1.168e-14	69.066	0	0.475
825	EDGE49	Y	69.066	69.066	0.475	0.951
826	EDGE49	Y	69.066	69.53	0.951	1.426
827	EDGE49	Y	69.53	69.53	1.426	1.902
828	EDGE49	Y	69.53	-1.168e-14	1.902	2.377
829	M698	Y	35	35	0	4.25
830	M699	Y	35	35	3.331e-16	4.25
831	M712	Y	35	35	1.432e-14	25
832	M713	Y	35	35	1.51e-14	25
833	M702	Y	35	35	0	25
834	M703	Y	35	35	3.331e-16	25
835	M710	Y	35	35	1.898e-14	25
836	M711	Y	35	35	1.898e-14	25
837	M706	Y	35	35	1.221e-15	25
838	M707	Y	35	35	1.221e-15	25

Member Distributed Loads (BLC 51 : BLC 17 Transient Area Loads)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	DIAPH227	Y	366.975	366.975	5.218e-15	8.257
2	EDGE12	Y	337.05	337.05	4.097e-14	8.257
3	EDGE43	Y	29.925	29.925	2.22e-16	8.257
4	BM10	Y	630	630	0	32.167
5	BM11	Y	618.206	618.206	0	2.01
6	BM11	Y	618.206	618.206	2.01	4.021
7	BM11	Y	618.206	618.206	4.021	6.031
8	BM11	Y	618.206	618.206	6.031	8.042
9	BM11	Y	618.206	618.206	8.042	10.052
10	BM11	Y	618.206	618.206	10.052	12.063
11	BM11	Y	618.206	618.182	12.063	14.073
12	BM11	Y	618.182	617.97	14.073	16.084
13	BM11	Y	617.97	617.758	16.084	18.094
14	BM11	Y	617.758	617.737	18.094	20.104
15	BM11	Y	617.737	617.739	20.104	22.115
16	BM11	Y	617.739	617.734	22.115	24.125
17	BM11	Y	617.734	617.757	24.125	26.136
18	BM11	Y	617.757	618.319	26.136	28.146
19	BM11	Y	618.319	619.913	28.146	30.157
20	BM11	Y	619.913	622.028	30.157	32.167
21	BM12	Y	630	630	3.442e-15	32.167
22	BM13	Y	630	630	6.994e-15	32.167
23	BM14	Y	630	630	4.075e-14	32.167
24	BM15	Y	419.451	419.451	0	2.01
25	BM15	Y	419.451	419.451	2.01	4.021
26	BM15	Y	419.451	419.451	4.021	6.031
27	BM15	Y	419.451	419.451	6.031	8.042
28	BM15	Y	419.451	419.451	8.042	10.052
29	BM15	Y	419.451	419.451	10.052	12.063
30	BM15	Y	419.451	419.451	12.063	14.073
31	BM15	Y	419.451	419.451	14.073	16.084
32	BM15	Y	419.451	419.468	16.084	18.094
33	BM15	Y	419.468	419.915	18.094	20.104
34	BM15	Y	419.915	421.306	20.104	22.115
35	BM15	Y	421.306	423.417	22.115	24.125
36	BM15	Y	423.417	426.268	24.125	26.136
37	BM15	Y	426.268	428.486	26.136	28.146
38	BM15	Y	428.486	427.546	28.146	30.157
39	BM15	Y	427.546	424.634	30.157	32.167
40	BM20	Y	401.262	398.926	0	2.117
41	BM20	Y	398.926	397.239	2.117	4.233
42	BM20	Y	397.239	396.681	4.233	6.35
43	BM20	Y	396.681	467.215	6.35	8.466

Member Distributed Loads (BLC 51 : BLC 17 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
44	BM20	Y	467.215	491.34	8.466	10.583
45	BM20	Y	491.34	428.591	10.583	12.699
46	BM20	Y	428.591	407.525	12.699	14.816
47	BM20	Y	407.525	403.653	14.816	16.932
48	BM20	Y	403.653	405.231	16.932	19.049
49	BM20	Y	405.231	407.239	19.049	21.165
50	BM20	Y	407.239	411.115	21.165	23.282
51	BM20	Y	411.115	428.076	23.282	25.398
52	BM20	Y	428.076	456.892	25.398	27.515
53	BM21	Y	596.668	596.668	0	2.117
54	BM21	Y	596.668	596.668	2.117	4.233
55	BM21	Y	596.668	596.668	4.233	6.35
56	BM21	Y	596.668	746.234	6.35	8.466
57	BM21	Y	746.234	748.048	8.466	10.583
58	BM21	Y	748.048	602.772	10.583	12.699
59	BM21	Y	602.772	609.973	12.699	14.816
60	BM21	Y	609.973	600.473	14.816	16.932
61	BM21	Y	600.473	613.106	16.932	19.049
62	BM21	Y	613.106	627.541	19.049	21.165
63	BM21	Y	627.541	620.703	21.165	23.282
64	BM21	Y	620.703	641.601	23.282	25.398
65	BM21	Y	641.601	672.225	25.398	27.515
66	BM24	Y	596.668	596.668	0	2.117
67	BM24	Y	596.668	596.668	2.117	4.233
68	BM24	Y	596.668	596.668	4.233	6.35
69	BM24	Y	596.668	746.234	6.35	8.466
70	BM24	Y	746.234	748.048	8.466	10.583
71	BM24	Y	748.048	602.772	10.583	12.699
72	BM24	Y	602.772	609.973	12.699	14.816
73	BM24	Y	609.973	600.473	14.816	16.932
74	BM24	Y	600.473	613.106	16.932	19.049
75	BM24	Y	613.106	627.541	19.049	21.165
76	BM24	Y	627.541	620.703	21.165	23.282
77	BM24	Y	620.703	641.601	23.282	25.398
78	BM24	Y	641.601	672.225	25.398	27.515
79	BM25	Y	596.668	596.668	0	2.117
80	BM25	Y	596.668	596.668	2.117	4.233
81	BM25	Y	596.668	596.668	4.233	6.35
82	BM25	Y	596.668	746.234	6.35	8.466
83	BM25	Y	746.234	748.048	8.466	10.583
84	BM25	Y	748.048	602.772	10.583	12.699
85	BM25	Y	602.772	609.973	12.699	14.816
86	BM25	Y	609.973	600.473	14.816	16.932
87	BM25	Y	600.473	613.106	16.932	19.049
88	BM25	Y	613.106	627.541	19.049	21.165
89	BM25	Y	627.541	620.703	21.165	23.282
90	BM25	Y	620.703	641.601	23.282	25.398
91	BM25	Y	641.601	672.225	25.398	27.515
92	BM27	Y	596.668	596.668	0	2.117
93	BM27	Y	596.668	596.668	2.117	4.233
94	BM27	Y	596.668	596.668	4.233	6.35
95	BM27	Y	596.668	746.234	6.35	8.466
96	BM27	Y	746.234	748.048	8.466	10.583
97	BM27	Y	748.048	602.772	10.583	12.699
98	BM27	Y	602.772	609.973	12.699	14.816
99	BM27	Y	609.973	600.473	14.816	16.932
100	BM27	Y	600.473	613.106	16.932	19.049
101	BM27	Y	613.106	627.541	19.049	21.165
102	BM27	Y	627.541	620.703	21.165	23.282
103	BM27	Y	620.703	641.601	23.282	25.398
104	BM27	Y	641.601	672.225	25.398	27.515
105	BM32	Y	630	630	0	32.167
106	BM33	Y	630	630	8.771e-15	32.167
107	BM34	Y	587.475	587.475	5.029e-14	32.167
108	BM38	Y	601.597	606.281	0	2.117
109	BM38	Y	606.281	609.236	2.117	4.233
110	BM38	Y	609.236	621.39	4.233	6.35
111	BM38	Y	621.39	725.192	6.35	8.466

Member Distributed Loads (BLC 51 : BLC 17 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
112	BM38	Y	725.192	706.784	8.466	10.583
113	BM38	Y	706.784	597.334	10.583	12.699
114	BM38	Y	597.334	601.856	12.699	14.816
115	BM38	Y	601.856	591.951	14.816	16.932
116	BM38	Y	591.951	600.086	16.932	19.049
117	BM38	Y	600.086	609.247	19.049	21.165
118	BM38	Y	609.247	601.887	21.165	23.282
119	BM38	Y	601.887	622.047	23.282	25.398
120	BM38	Y	622.047	652.722	25.398	27.515
121	BM39	Y	596.668	596.668	0	2.117
122	BM39	Y	596.668	596.668	2.117	4.233
123	BM39	Y	596.668	596.668	4.233	6.35
124	BM39	Y	596.668	746.234	6.35	8.466
125	BM39	Y	746.234	748.048	8.466	10.583
126	BM39	Y	748.048	602.772	10.583	12.699
127	BM39	Y	602.772	609.973	12.699	14.816
128	BM39	Y	609.973	600.473	14.816	16.932
129	BM39	Y	600.473	613.106	16.932	19.049
130	BM39	Y	613.106	627.541	19.049	21.165
131	BM39	Y	627.541	620.703	21.165	23.282
132	BM39	Y	620.703	641.601	23.282	25.398
133	BM39	Y	641.601	672.225	25.398	27.515
134	BM40	Y	556.385	556.385	0	2.117
135	BM40	Y	556.385	556.385	2.117	4.233
136	BM40	Y	556.385	556.385	4.233	6.35
137	BM40	Y	556.385	695.846	6.35	8.466
138	BM40	Y	695.846	697.326	8.466	10.583
139	BM40	Y	697.326	560.954	10.583	12.699
140	BM40	Y	560.954	564.402	12.699	14.816
141	BM40	Y	564.402	566.054	14.816	16.932
142	BM40	Y	566.054	572.462	16.932	19.049
143	BM40	Y	572.462	580.613	19.049	21.165
144	BM40	Y	580.613	585.462	21.165	23.282
145	BM40	Y	585.462	603.258	23.282	25.398
146	BM40	Y	603.258	632.258	25.398	27.515
147	BM41	Y	596.668	596.668	0	2.117
148	BM41	Y	596.668	596.668	2.117	4.233
149	BM41	Y	596.668	596.668	4.233	6.35
150	BM41	Y	596.668	746.234	6.35	8.466
151	BM41	Y	746.234	748.048	8.466	10.583
152	BM41	Y	748.048	602.772	10.583	12.699
153	BM41	Y	602.772	609.973	12.699	14.816
154	BM41	Y	609.973	600.473	14.816	16.932
155	BM41	Y	600.473	613.106	16.932	19.049
156	BM41	Y	613.106	627.541	19.049	21.165
157	BM41	Y	627.541	620.703	21.165	23.282
158	BM41	Y	620.703	641.601	23.282	25.398
159	BM41	Y	641.601	672.225	25.398	27.515
160	EDGE29	Y	312.75	311.613	12.511	14.596
161	EDGE29	Y	311.613	310.258	14.596	16.681
162	EDGE29	Y	310.258	308.507	16.681	18.766
163	EDGE29	Y	308.507	306.627	18.766	20.851
164	EDGE29	Y	306.627	304.47	20.851	22.937
165	EDGE29	Y	304.47	301.99	22.937	25.022
166	EDGE31	Y	299.855	297.632	0	2.085
167	EDGE31	Y	297.632	295.74	2.085	4.17
168	EDGE31	Y	295.74	311.197	4.17	6.255
169	EDGE31	Y	311.197	329.529	6.255	8.341
170	EDGE31	Y	329.529	316.935	8.341	10.426
171	EDGE31	Y	316.935	293.596	10.426	12.511
172	EDGE31	Y	293.596	298.888	12.511	14.596
173	EDGE31	Y	298.888	326.617	14.596	16.681
174	EDGE31	Y	326.617	312.424	16.681	18.766
175	EDGE31	Y	312.424	284.977	18.766	20.851
176	EDGE31	Y	284.977	285.776	20.851	22.937
177	EDGE31	Y	285.776	286.31	22.937	25.022
178	EDGE32	Y	158.636	155.38	12.511	14.596
179	EDGE32	Y	155.38	152.087	14.596	16.681

Member Distributed Loads (BLC 51 : BLC 17 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
180	EDGE32	Y	152.087	149.23	16.681	18.766
181	EDGE32	Y	149.23	147.079	18.766	20.851
182	EDGE32	Y	147.079	145.176	20.851	22.937
183	EDGE32	Y	145.176	143.285	22.937	25.022
184	EDGE33	Y	141.692	140.12	0	2.085
185	EDGE33	Y	140.12	138.914	2.085	4.17
186	EDGE33	Y	138.914	161.251	4.17	6.255
187	EDGE33	Y	161.251	172.661	6.255	8.341
188	EDGE33	Y	172.661	149.928	8.341	10.426
189	EDGE33	Y	149.928	139.341	10.426	12.511
190	EDGE33	Y	139.341	141.363	12.511	14.596
191	EDGE33	Y	141.363	145.344	14.596	16.681
192	EDGE33	Y	145.344	140.805	16.681	18.766
193	EDGE33	Y	140.805	139.818	18.766	20.851
194	EDGE33	Y	139.818	144.866	20.851	22.937
195	EDGE33	Y	144.866	142.343	22.937	25.022
196	EDGE43	Y	283.889	283.889	0	2.127
197	EDGE43	Y	283.889	319.036	2.127	4.254
198	EDGE43	Y	319.036	354.457	4.254	6.381
199	EDGE43	Y	354.457	319.309	6.381	8.507
200	EDGE43	Y	319.309	283.889	8.507	10.634
201	EDGE43	Y	283.889	283.889	10.634	12.761
202	EDGE43	Y	283.889	283.777	12.761	14.888
203	EDGE43	Y	283.777	318.673	14.888	17.015
204	EDGE43	Y	318.673	353.902	17.015	19.142
205	EDGE43	Y	353.902	318.558	19.142	21.269
206	EDGE43	Y	318.558	247.427	21.269	23.395
207	EDGE45	Y	136.988	136.988	0	2.127
208	EDGE45	Y	136.988	154.018	2.127	4.254
209	EDGE45	Y	154.018	171.181	4.254	6.381
210	EDGE45	Y	171.181	154.151	6.381	8.507
211	EDGE45	Y	154.151	136.988	8.507	10.634
212	EDGE45	Y	136.988	136.988	10.634	12.761
213	EDGE45	Y	136.988	136.988	12.761	14.888
214	EDGE45	Y	136.988	154.018	14.888	17.015
215	EDGE45	Y	154.018	165.808	17.015	19.142
216	EDGE45	Y	165.808	155.791	19.142	21.269
217	EDGE45	Y	155.791	146.238	21.269	23.395
218	M673	Y	161.531	524.376	0	0.688
219	M673	Y	524.376	364.238	0.688	1.376
220	M673	Y	364.238	22.678	1.376	2.064
221	M673	Y	22.678	22.678	2.064	2.751
222	M675	Y	713.928	209.979	0	0.917
223	M675	Y	209.979	-41.996	0.917	1.834
224	M675	Y	-41.996	-41.996	1.834	2.751
225	M677	Y	161.531	524.376	0	0.688
226	M677	Y	524.376	364.238	0.688	1.376
227	M677	Y	364.238	22.678	1.376	2.064
228	M677	Y	22.678	22.678	2.064	2.751
229	M685	Y	161.531	524.376	0	0.688
230	M685	Y	524.376	364.238	0.688	1.376
231	M685	Y	364.238	22.678	1.376	2.064
232	M685	Y	22.678	22.678	2.064	2.751
233	M687	Y	101.642	512.601	0	0.688
234	M687	Y	512.601	371.883	0.688	1.376
235	M687	Y	371.883	25.685	1.376	2.064
236	M687	Y	25.685	25.685	2.064	2.751
237	M689	Y	161.531	524.376	0	0.688
238	M689	Y	524.376	364.238	0.688	1.376
239	M689	Y	364.238	22.678	1.376	2.064
240	M689	Y	22.678	22.678	2.064	2.751
241	M691	Y	161.531	524.376	0	0.688
242	M691	Y	524.376	364.238	0.688	1.376
243	M691	Y	364.238	22.678	1.376	2.064
244	M691	Y	22.678	22.678	2.064	2.751
245	M693	Y	161.531	524.376	0	0.688
246	M693	Y	524.376	364.238	0.688	1.376
247	M693	Y	364.238	22.678	1.376	2.064

Member Distributed Loads (BLC 51 : BLC 17 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
248	M693	Y	22.678	22.678	2.064	2.751
249	M695	Y	124.367	493.252	0	0.688
250	M695	Y	493.252	350.375	0.688	1.376
251	M695	Y	350.375	23.055	1.376	2.064
252	M695	Y	23.055	23.055	2.064	2.751
253	BM16	Y	636.41	634.463	0	2.082
254	BM16	Y	634.463	631.944	2.082	4.164
255	BM16	Y	631.944	621.663	4.164	6.246
256	BM16	Y	621.663	618.259	6.246	8.329
257	BM16	Y	618.259	617.75	8.329	10.411
258	BM16	Y	617.75	607.405	10.411	12.493
259	BM16	Y	607.405	605.812	12.493	14.575
260	BM16	Y	605.812	614.29	14.575	16.657
261	BM16	Y	614.29	618.327	16.657	18.739
262	BM16	Y	618.327	608.53	18.739	20.822
263	BM16	Y	608.53	614.522	20.822	22.904
264	BM16	Y	614.522	628.039	22.904	24.986
265	BM16	Y	628.039	626.445	24.986	27.068
266	BM16	Y	639.117	637.472	27.068	29.15
267	BM17	Y	474.674	474.743	0	2.082
268	BM17	Y	474.743	474.778	2.082	4.164
269	BM17	Y	474.778	559.479	4.164	6.246
270	BM17	Y	559.479	581.917	6.246	8.329
271	BM17	Y	581.917	507.753	8.329	10.411
272	BM17	Y	507.753	483.12	10.411	12.493
273	BM17	Y	483.12	468.999	12.493	14.575
274	BM17	Y	468.999	466.887	14.575	16.657
275	BM17	Y	466.887	472.686	16.657	18.739
276	BM17	Y	472.686	557.881	18.739	20.822
277	BM17	Y	557.881	580.499	20.822	22.904
278	BM17	Y	580.499	497.488	22.904	24.986
279	BM17	Y	497.488	470.549	24.986	27.068
280	BM17	Y	470.549	470.579	27.068	29.15
281	EDGE34	Y	187.633	187.633	0	2.059
282	EDGE34	Y	187.633	187.633	2.059	4.119
283	EDGE34	Y	187.633	187.633	4.119	6.178
284	EDGE34	Y	187.633	187.675	6.178	8.238
285	EDGE34	Y	187.675	188.082	8.238	10.297
286	EDGE34	Y	188.082	188.923	10.297	12.357
287	EDGE34	Y	188.923	189.783	12.357	14.416
288	EDGE34	Y	189.783	200.358	14.416	16.476
289	EDGE34	Y	200.358	206.208	16.476	18.535
290	EDGE34	Y	206.208	192.125	18.535	20.595
291	EDGE34	Y	192.125	189.07	20.595	22.654
292	EDGE34	Y	189.07	202.405	22.654	24.714
293	EDGE34	Y	202.405	215.7	24.714	26.773
294	EDGE49	Y	0	207.199	0	0.475
295	EDGE49	Y	207.199	207.199	0.475	0.951
296	EDGE49	Y	207.199	208.59	0.951	1.426
297	EDGE49	Y	208.59	208.59	1.426	1.902
298	EDGE49	Y	208.59	0	1.902	2.377
299	CANOPY10	Y	47.8	47.8	6.106e-16	13.333
300	CANOPY13	Y	47.8	47.8	1.432e-14	25
301	CANOPY18	Y	47.8	47.8	9.492e-15	7.667
302	CANOPY21	Y	47.8	47.8	9.603e-15	13.333
303	CANOPY28	Y	47.8	47.8	1.221e-15	25
304	CANOPY32	Y	47.8	47.8	1.432e-14	25
305	CANOPY33	Y	47.8	47.8	1.221e-15	25
306	CANOPY34	Y	47.8	47.8	1.005e-14	7.667
307	M678	Y	47.8	47.8	6.939e-15	13.333
308	M680	Y	47.8	47.8	7.605e-15	13.333
309	BM18	Y	344	330.351	0	1.93
310	BM18	Y	330.351	348.737	1.93	3.86
311	BM18	Y	348.737	382.594	3.86	5.79
312	BM18	Y	382.594	295.644	5.79	7.72
313	BM18	Y	295.644	104.455	7.72	9.65
314	BM22	Y	344	330.351	0	1.93
315	BM22	Y	330.351	348.737	1.93	3.86

Member Distributed Loads (BLC 51 : BLC 17 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
316	BM22	Y	348.737	382.594	3.86	5.79
317	BM22	Y	382.594	295.644	5.79	7.72
318	BM22	Y	295.644	104.455	7.72	9.65
319	BM42	Y	344	330.351	0	1.93
320	BM42	Y	330.351	348.737	1.93	3.86
321	BM42	Y	348.737	382.594	3.86	5.79
322	BM42	Y	382.594	295.644	5.79	7.72
323	BM42	Y	295.644	104.455	7.72	9.65
324	BM43	Y	384.361	339.091	0	1.93
325	BM43	Y	339.091	329.919	1.93	3.86
326	BM43	Y	329.919	363.379	3.86	5.79
327	BM43	Y	363.379	289.278	5.79	7.72
328	BM43	Y	289.278	101.081	7.72	9.65
329	BM44	Y	344	330.351	0	1.93
330	BM44	Y	330.351	348.737	1.93	3.86
331	BM44	Y	348.737	382.594	3.86	5.79
332	BM44	Y	382.594	295.644	5.79	7.72
333	BM44	Y	295.644	104.455	7.72	9.65
334	BM45	Y	288.94	297.405	0	1.93
335	BM45	Y	297.405	325.798	1.93	3.86
336	BM45	Y	325.798	358.291	3.86	5.79
337	BM45	Y	358.291	277.274	5.79	7.72
338	BM45	Y	277.274	98.573	7.72	9.65
339	BM46	Y	344	330.351	0	1.93
340	BM46	Y	330.351	348.737	1.93	3.86
341	BM46	Y	348.737	382.594	3.86	5.79
342	BM46	Y	382.594	295.644	5.79	7.72
343	BM46	Y	295.644	104.455	7.72	9.65
344	BM47	Y	344	330.351	0	1.93
345	BM47	Y	330.351	348.737	1.93	3.86
346	BM47	Y	348.737	382.594	3.86	5.79
347	BM47	Y	382.594	295.644	5.79	7.72
348	BM47	Y	295.644	104.455	7.72	9.65
349	BM48	Y	230.66	206.207	0	1.93
350	BM48	Y	206.207	220.707	1.93	3.86
351	BM48	Y	220.707	254.933	3.86	5.79
352	BM48	Y	254.933	198.025	5.79	7.72
353	BM48	Y	198.025	69.209	7.72	9.65
354	EDGE10	Y	146.987	179.428	0	2.085
355	EDGE10	Y	179.428	201.582	2.085	4.17
356	EDGE10	Y	201.582	184.328	4.17	6.255
357	EDGE10	Y	184.328	161.121	6.255	8.341
358	EDGE10	Y	161.121	160.836	8.341	10.426
359	EDGE10	Y	160.836	160.216	10.426	12.511
360	EDGE10	Y	160.216	159.558	12.511	14.596
361	EDGE10	Y	159.558	158.97	14.596	16.681
362	EDGE10	Y	158.97	188.142	16.681	18.766
363	EDGE10	Y	188.142	197.985	18.766	20.851
364	EDGE10	Y	197.985	168.489	20.851	22.937
365	EDGE10	Y	168.489	148.722	22.937	25.022
366	EDGE29	Y	164.081	165.434	0	2.085
367	EDGE29	Y	165.434	166.441	2.085	4.17
368	EDGE29	Y	166.441	166.81	4.17	6.255
369	EDGE29	Y	166.81	166.832	6.255	8.341
370	EDGE29	Y	166.832	166.794	8.341	10.426
371	EDGE29	Y	166.794	166.752	10.426	12.511
372	EDGE32	Y	79.774	80.727	0	2.085
373	EDGE32	Y	80.727	81.412	2.085	4.17
374	EDGE32	Y	81.412	81.638	4.17	6.255
375	EDGE32	Y	81.638	81.653	6.255	8.341
376	EDGE32	Y	81.653	81.653	8.341	10.426
377	EDGE32	Y	81.653	81.653	10.426	12.511
378	EDGE44	Y	157.515	157.515	0	2.085
379	EDGE44	Y	157.515	157.515	2.085	4.17
380	EDGE44	Y	157.515	173.873	4.17	6.255
381	EDGE44	Y	173.873	190.259	6.255	8.341
382	EDGE44	Y	190.259	180.044	8.341	10.426
383	EDGE44	Y	180.044	162.626	10.426	12.511

Member Distributed Loads (BLC 51 : BLC 17 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
384	EDGE44	Y	162.626	154.625	12.511	14.596
385	EDGE44	Y	154.625	153.26	14.596	16.681
386	EDGE44	Y	153.26	191.363	16.681	18.766
387	EDGE44	Y	191.363	192.185	18.766	20.851
388	EDGE44	Y	192.185	154.43	20.851	22.937
389	EDGE44	Y	154.43	154.567	22.937	25.022
390	EDGE46	Y	79.03	78.043	0	2.085
391	EDGE46	Y	78.043	96.562	2.085	4.17
392	EDGE46	Y	96.562	96.345	4.17	6.255
393	EDGE46	Y	96.345	77.114	6.255	8.341
394	EDGE46	Y	77.114	77.075	8.341	10.426
395	EDGE46	Y	77.075	76.934	10.426	12.511
396	EDGE46	Y	76.934	76.744	12.511	14.596
397	EDGE46	Y	76.744	76.612	14.596	16.681
398	EDGE46	Y	76.612	89.267	16.681	18.766
399	EDGE46	Y	89.267	95.649	18.766	20.851
400	EDGE46	Y	95.649	82.951	20.851	22.937
401	EDGE46	Y	82.951	70.186	22.937	25.022
402	EDGE47	Y	76.341	76.341	0	2.085
403	EDGE47	Y	76.341	76.341	2.085	4.17
404	EDGE47	Y	76.341	85.858	4.17	6.255
405	EDGE47	Y	85.858	92.539	6.255	8.341
406	EDGE47	Y	92.539	87.59	8.341	10.426
407	EDGE47	Y	87.59	75.296	10.426	12.511
408	EDGE47	Y	75.296	73.512	12.511	14.596
409	EDGE47	Y	73.512	87.896	14.596	16.681
410	EDGE47	Y	87.896	87.378	16.681	18.766
411	EDGE47	Y	87.378	80.243	18.766	20.851
412	EDGE47	Y	80.243	79.18	20.851	22.937
413	EDGE47	Y	79.18	78.313	22.937	25.022
414	M673	Y	86.774	253.847	0	2.117
415	M673	Y	253.847	337.383	2.117	4.233
416	M673	Y	337.383	337.383	4.233	6.35
417	M673	Y	337.383	337.383	6.35	8.466
418	M673	Y	337.383	337.383	8.466	10.583
419	M673	Y	337.383	337.383	10.583	12.699
420	M673	Y	337.383	420.919	12.699	14.816
421	M673	Y	420.919	420.919	14.816	16.932
422	M673	Y	420.919	337.383	16.932	19.049
423	M673	Y	337.383	337.383	19.049	21.165
424	M673	Y	337.383	337.189	21.165	23.282
425	M673	Y	337.189	336.337	23.282	25.398
426	M673	Y	336.337	335.023	25.398	27.515
427	M674	Y	331.113	329.924	0	2.117
428	M674	Y	329.924	329.113	2.117	4.233
429	M674	Y	329.113	369.75	4.233	6.35
430	M674	Y	369.75	411.084	6.35	8.466
431	M674	Y	411.084	370.24	8.466	10.583
432	M674	Y	370.24	328.911	10.583	12.699
433	M674	Y	328.911	328.834	12.699	14.816
434	M674	Y	328.834	328.815	14.816	16.932
435	M674	Y	328.815	335.62	16.932	19.049
436	M674	Y	335.62	356.136	19.049	21.165
437	M674	Y	356.136	363.762	21.165	23.282
438	M674	Y	363.762	360.124	23.282	25.398
439	M674	Y	360.124	365.117	25.398	27.515
440	M675	Y	58.092	169.926	0	2.117
441	M675	Y	169.926	225.844	2.117	4.233
442	M675	Y	225.844	225.844	4.233	6.35
443	M675	Y	225.844	225.817	6.35	8.466
444	M675	Y	225.817	225.612	8.466	10.583
445	M675	Y	225.612	225.243	10.583	12.699
446	M675	Y	225.243	264.266	12.699	14.816
447	M675	Y	264.266	280.051	14.816	16.932
448	M675	Y	280.051	240.453	16.932	19.049
449	M675	Y	240.453	224.285	19.049	21.165
450	M675	Y	224.285	223.981	21.165	23.282
451	M675	Y	223.981	223.046	23.282	25.398

Member Distributed Loads (BLC 51 : BLC 17 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
452	M675	Y	223.046	221.783	25.398	27.515
453	M676	Y	218.586	217.403	0	2.117
454	M676	Y	217.403	232.303	2.117	4.233
455	M676	Y	232.303	270.3	4.233	6.35
456	M676	Y	270.3	254.541	6.35	8.466
457	M676	Y	254.541	216.601	8.466	10.583
458	M676	Y	216.601	217.301	10.583	12.699
459	M676	Y	217.301	221.204	12.699	14.816
460	M676	Y	221.204	231.352	14.816	16.932
461	M676	Y	231.352	238.264	16.932	19.049
462	M676	Y	238.264	242.889	19.049	21.165
463	M676	Y	242.889	242.497	21.165	23.282
464	M676	Y	242.497	247.045	23.282	25.398
465	M676	Y	247.045	265.593	25.398	27.515
466	M677	Y	86.774	253.847	0	2.117
467	M677	Y	253.847	337.383	2.117	4.233
468	M677	Y	337.383	337.383	4.233	6.35
469	M677	Y	337.383	337.383	6.35	8.466
470	M677	Y	337.383	337.383	8.466	10.583
471	M677	Y	337.383	337.383	10.583	12.699
472	M677	Y	337.383	420.919	12.699	14.816
473	M677	Y	420.919	420.919	14.816	16.932
474	M677	Y	420.919	337.383	16.932	19.049
475	M677	Y	337.383	337.383	19.049	21.165
476	M677	Y	337.383	337.189	21.165	23.282
477	M677	Y	337.189	336.337	23.282	25.398
478	M677	Y	336.337	335.023	25.398	27.515
479	M684	Y	331.113	329.924	0	2.117
480	M684	Y	329.924	329.113	2.117	4.233
481	M684	Y	329.113	369.75	4.233	6.35
482	M684	Y	369.75	411.084	6.35	8.466
483	M684	Y	411.084	370.24	8.466	10.583
484	M684	Y	370.24	328.911	10.583	12.699
485	M684	Y	328.911	328.834	12.699	14.816
486	M684	Y	328.834	328.815	14.816	16.932
487	M684	Y	328.815	335.62	16.932	19.049
488	M684	Y	335.62	356.136	19.049	21.165
489	M684	Y	356.136	363.762	21.165	23.282
490	M684	Y	363.762	360.124	23.282	25.398
491	M684	Y	360.124	365.117	25.398	27.515
492	M685	Y	86.774	253.847	0	2.117
493	M685	Y	253.847	337.383	2.117	4.233
494	M685	Y	337.383	337.383	4.233	6.35
495	M685	Y	337.383	337.383	6.35	8.466
496	M685	Y	337.383	337.383	8.466	10.583
497	M685	Y	337.383	337.383	10.583	12.699
498	M685	Y	337.383	420.919	12.699	14.816
499	M685	Y	420.919	420.919	14.816	16.932
500	M685	Y	420.919	337.383	16.932	19.049
501	M685	Y	337.383	337.383	19.049	21.165
502	M685	Y	337.383	337.189	21.165	23.282
503	M685	Y	337.189	336.337	23.282	25.398
504	M685	Y	336.337	335.023	25.398	27.515
505	M686	Y	331.113	329.924	0	2.117
506	M686	Y	329.924	329.113	2.117	4.233
507	M686	Y	329.113	369.75	4.233	6.35
508	M686	Y	369.75	411.084	6.35	8.466
509	M686	Y	411.084	370.24	8.466	10.583
510	M686	Y	370.24	328.911	10.583	12.699
511	M686	Y	328.911	328.834	12.699	14.816
512	M686	Y	328.834	328.815	14.816	16.932
513	M686	Y	328.815	335.62	16.932	19.049
514	M686	Y	335.62	356.136	19.049	21.165
515	M686	Y	356.136	363.762	21.165	23.282
516	M686	Y	363.762	360.124	23.282	25.398
517	M686	Y	360.124	365.117	25.398	27.515
518	M687	Y	85.372	249.75	0	2.117
519	M687	Y	249.75	331.965	2.117	4.233

Member Distributed Loads (BLC 51 : BLC 17 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
520	M687	Y	331.965	331.983	4.233	6.35
521	M687	Y	331.983	331.972	6.35	8.466
522	M687	Y	331.972	331.944	8.466	10.583
523	M687	Y	331.944	331.908	10.583	12.699
524	M687	Y	331.908	414.042	12.699	14.816
525	M687	Y	414.042	414.011	14.816	16.932
526	M687	Y	414.011	331.825	16.932	19.049
527	M687	Y	331.825	331.801	19.049	21.165
528	M687	Y	331.801	331.457	21.165	23.282
529	M687	Y	331.457	330.205	23.282	25.398
530	M687	Y	330.205	328.364	25.398	27.515
531	M688	Y	324.378	322.694	0	2.117
532	M688	Y	322.694	354.094	2.117	4.233
533	M688	Y	354.094	380.684	4.233	6.35
534	M688	Y	380.684	368.705	6.35	8.466
535	M688	Y	368.705	341.716	8.466	10.583
536	M688	Y	341.716	321.071	10.583	12.699
537	M688	Y	321.071	327.53	12.699	14.816
538	M688	Y	327.53	347.105	14.816	16.932
539	M688	Y	347.105	357.169	16.932	19.049
540	M688	Y	357.169	348.432	19.049	21.165
541	M688	Y	348.432	340.708	21.165	23.282
542	M688	Y	340.708	344.811	23.282	25.398
543	M688	Y	344.811	357.126	25.398	27.515
544	M689	Y	349.966	349.966	1.248	27.507
545	M690	Y	331.103	329.924	0	2.117
546	M690	Y	329.924	329.115	2.117	4.233
547	M690	Y	329.115	369.75	4.233	6.35
548	M690	Y	369.75	411.084	6.35	8.466
549	M690	Y	411.084	370.241	8.466	10.583
550	M690	Y	370.241	328.911	10.583	12.699
551	M690	Y	328.911	328.835	12.699	14.816
552	M690	Y	328.835	328.815	14.816	16.932
553	M690	Y	328.815	335.621	16.932	19.049
554	M690	Y	335.621	356.136	19.049	21.165
555	M690	Y	356.136	363.762	21.165	23.282
556	M690	Y	363.762	360.124	23.282	25.398
557	M690	Y	360.124	365.117	25.398	27.515
558	M691	Y	349.965	349.965	1.248	27.507
559	M692	Y	331.099	329.924	0	2.117
560	M692	Y	329.924	329.116	2.117	4.233
561	M692	Y	329.116	369.75	4.233	6.35
562	M692	Y	369.75	411.084	6.35	8.466
563	M692	Y	411.084	370.241	8.466	10.583
564	M692	Y	370.241	328.911	10.583	12.699
565	M692	Y	328.911	328.835	12.699	14.816
566	M692	Y	328.835	328.816	14.816	16.932
567	M692	Y	328.816	335.621	16.932	19.049
568	M692	Y	335.621	356.136	19.049	21.165
569	M692	Y	356.136	363.762	21.165	23.282
570	M692	Y	363.762	360.124	23.282	25.398
571	M692	Y	360.124	365.117	25.398	27.515
572	M693	Y	349.966	349.966	1.248	27.507
573	M694	Y	331.103	329.924	0	2.117
574	M694	Y	329.924	329.115	2.117	4.233
575	M694	Y	329.115	369.75	4.233	6.35
576	M694	Y	369.75	411.084	6.35	8.466
577	M694	Y	411.084	370.241	8.466	10.583
578	M694	Y	370.241	328.911	10.583	12.699
579	M694	Y	328.911	328.835	12.699	14.816
580	M694	Y	328.835	328.815	14.816	16.932
581	M694	Y	328.815	335.621	16.932	19.049
582	M694	Y	335.621	356.136	19.049	21.165
583	M694	Y	356.136	363.762	21.165	23.282
584	M694	Y	363.762	360.124	23.282	25.398
585	M694	Y	360.124	365.117	25.398	27.515
586	M695	Y	80.924	236.719	0	2.117
587	M695	Y	236.719	314.617	2.117	4.233

Member Distributed Loads (BLC 51 : BLC 17 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
588	M695	Y	314.617	314.617	4.233	6.35
589	M695	Y	314.617	314.617	6.35	8.466
590	M695	Y	314.617	314.617	8.466	10.583
591	M695	Y	314.617	314.617	10.583	12.699
592	M695	Y	314.617	392.515	12.699	14.816
593	M695	Y	392.515	392.515	14.816	16.932
594	M695	Y	392.515	314.617	16.932	19.049
595	M695	Y	314.617	314.617	19.049	21.165
596	M695	Y	314.617	314.286	21.165	23.282
597	M695	Y	314.286	313.158	23.282	25.398
598	M695	Y	313.158	311.561	25.398	27.515
599	M696	Y	307.697	306.274	0	2.117
600	M696	Y	306.274	305.192	2.117	4.233
601	M696	Y	305.192	360.389	4.233	6.35
602	M696	Y	360.389	381.11	6.35	8.466
603	M696	Y	381.11	325.886	8.466	10.583
604	M696	Y	325.886	305.824	10.583	12.699
605	M696	Y	305.824	306.456	12.699	14.816
606	M696	Y	306.456	307.044	14.816	16.932
607	M696	Y	307.044	313.981	16.932	19.049
608	M696	Y	313.981	340.632	19.049	21.165
609	M696	Y	340.632	348.516	21.165	23.282
610	M696	Y	348.516	342.056	23.282	25.398
611	M696	Y	342.056	353.345	25.398	27.515
612	BM16	Y	0.944	11.887	17.49	19.822
613	BM16	Y	11.887	14.972	19.822	22.154
614	BM16	Y	14.972	12.614	22.154	24.486
615	BM16	Y	12.614	12.672	24.486	26.818
616	BM35	Y	346.051	346.735	0	2.082
617	BM35	Y	346.735	347.128	2.082	4.164
618	BM35	Y	347.128	339.787	4.164	6.246
619	BM35	Y	339.787	332.345	6.246	8.329
620	BM35	Y	332.345	332.53	8.329	10.411
621	BM35	Y	332.53	333.26	10.411	12.493
622	BM35	Y	333.26	334.632	12.493	14.575
623	BM35	Y	334.632	338.576	14.575	16.657
624	BM35	Y	338.576	331.329	16.657	18.739
625	BM35	Y	331.329	320.071	18.739	20.822
626	BM35	Y	320.071	333.07	20.822	22.904
627	BM35	Y	333.07	348.413	22.904	24.986
628	BM35	Y	348.413	350.629	24.986	27.068
629	BM35	Y	350.629	352.254	27.068	29.15
630	BM36	Y	346.003	345.804	0	2.082
631	BM36	Y	345.804	345.31	2.082	4.164
632	BM36	Y	345.31	337.282	4.164	6.246
633	BM36	Y	337.282	329.255	6.246	8.329
634	BM36	Y	329.255	328.706	8.329	10.411
635	BM36	Y	328.706	328.509	10.411	12.493
636	BM36	Y	328.509	328.301	12.493	14.575
637	BM36	Y	328.301	328.024	14.575	16.657
638	BM36	Y	328.024	328.322	16.657	18.739
639	BM36	Y	328.322	329.76	18.739	20.822
640	BM36	Y	329.76	340.822	20.822	22.904
641	BM36	Y	340.822	351.807	22.904	24.986
642	BM36	Y	351.807	353.144	24.986	27.068
643	BM36	Y	353.144	353.909	27.068	29.15
644	BM37	Y	175.751	175.751	0	2.082
645	BM37	Y	175.751	175.751	2.082	4.164
646	BM37	Y	175.751	168.991	4.164	6.246
647	BM37	Y	168.991	162.232	6.246	8.329
648	BM37	Y	162.232	162.232	8.329	10.411
649	BM37	Y	162.232	162.232	10.411	12.493
650	BM37	Y	162.232	162.232	12.493	14.575
651	BM37	Y	162.232	162.232	14.575	16.657
652	BM37	Y	162.232	162.232	16.657	18.739
653	BM37	Y	162.232	162.232	18.739	20.822
654	BM37	Y	162.232	170.681	20.822	22.904
655	BM37	Y	170.681	179.131	22.904	24.986

Member Distributed Loads (BLC 51 : BLC 17 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
656	BM37	Y	179.131	179.131	24.986	27.068
657	BM37	Y	179.131	179.131	27.068	29.15
658	BM18	Y	210	210	8.772	32.167
659	BM22	Y	210	210	8.772	32.167
660	BM42	Y	210	210	8.772	32.167
661	BM43	Y	206.85	206.85	8.772	32.167
662	BM44	Y	210	210	8.772	32.167
663	BM45	Y	195.825	195.825	8.772	32.167
664	BM46	Y	210	210	8.772	32.167
665	BM47	Y	210	210	8.772	32.167
666	BM48	Y	140.175	140.175	8.772	32.167
667	EDGE17	Y	49.35	49.35	0	23.395
668	EDGE30	Y	101.85	101.85	1.305e-13	23.395
669	BM37	Y	94.669	94.669	1.776e-14	29.15
670	EDGE18	Y	94.669	94.669	5.768e-14	29.15
671	M698	Y	35	35	0	4.25
672	M699	Y	35	35	3.331e-16	4.25
673	M712	Y	35	35	1.432e-14	25
674	M713	Y	35	35	1.51e-14	25
675	M702	Y	35	35	0	25
676	M703	Y	35	35	3.331e-16	25
677	M710	Y	35	35	1.898e-14	25
678	M711	Y	35	35	1.898e-14	25
679	M706	Y	35	35	1.221e-15	25
680	M707	Y	35	35	1.221e-15	25

Member Distributed Loads (BLC 52 : BLC 18 Transient Area Loads)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	EDGE30	Y	313.159	283.889	19.142	21.269
2	EDGE30	Y	283.889	283.889	21.269	23.395
3	EDGE44	Y	299.855	297.632	0	2.085
4	EDGE44	Y	297.632	295.74	2.085	4.17
5	EDGE44	Y	295.74	311.197	4.17	6.255
6	EDGE44	Y	311.197	329.529	6.255	8.341
7	EDGE44	Y	329.529	316.935	8.341	10.426
8	EDGE44	Y	316.935	293.596	10.426	12.511
9	EDGE44	Y	293.596	298.888	12.511	14.596
10	EDGE44	Y	298.888	326.617	14.596	16.681
11	EDGE44	Y	326.617	312.424	16.681	18.766
12	EDGE44	Y	312.424	284.977	18.766	20.851
13	EDGE44	Y	284.977	285.776	20.851	22.937
14	EDGE44	Y	285.776	286.31	22.937	25.022
15	EDGE46	Y	158.636	155.38	12.511	14.596
16	EDGE46	Y	155.38	152.087	14.596	16.681
17	EDGE46	Y	152.087	149.23	16.681	18.766
18	EDGE46	Y	149.23	147.079	18.766	20.851
19	EDGE46	Y	147.079	145.176	20.851	22.937
20	EDGE46	Y	145.176	143.285	22.937	25.022
21	EDGE47	Y	141.692	140.12	0	2.085
22	EDGE47	Y	140.12	138.914	2.085	4.17
23	EDGE47	Y	138.914	161.251	4.17	6.255
24	EDGE47	Y	161.251	172.661	6.255	8.341
25	EDGE47	Y	172.661	149.928	8.341	10.426
26	EDGE47	Y	149.928	139.341	10.426	12.511
27	EDGE47	Y	139.341	141.363	12.511	14.596
28	EDGE47	Y	141.363	145.344	14.596	16.681
29	EDGE47	Y	145.344	140.805	16.681	18.766
30	EDGE47	Y	140.805	139.818	18.766	20.851
31	EDGE47	Y	139.818	144.866	20.851	22.937
32	EDGE47	Y	144.866	142.343	22.937	25.022
33	M673	Y	27.712	27.712	24.763	25.451
34	M673	Y	27.712	389.412	25.451	26.139
35	M673	Y	389.412	529.411	26.139	26.827
36	M673	Y	529.411	86.011	26.827	27.515
37	M674	Y	672.225	641.601	0	2.117
38	M674	Y	641.601	620.703	2.117	4.233
39	M674	Y	620.703	627.541	4.233	6.35
40	M674	Y	627.541	613.106	6.35	8.466

Member Distributed Loads (BLC 52 : BLC 18 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
41	M674	Y	613.106	600.473	8.466	10.583
42	M674	Y	600.473	609.973	10.583	12.699
43	M674	Y	609.973	602.772	12.699	14.816
44	M674	Y	602.772	748.048	14.816	16.932
45	M674	Y	748.048	746.234	16.932	19.049
46	M674	Y	746.234	596.668	19.049	21.165
47	M674	Y	596.668	596.668	21.165	23.282
48	M674	Y	596.668	596.668	23.282	25.398
49	M674	Y	596.668	596.668	25.398	27.515
50	M675	Y	-41.996	-41.996	24.763	25.68
51	M675	Y	-41.996	209.979	25.68	26.597
52	M675	Y	209.979	713.928	26.597	27.515
53	M676	Y	456.892	428.076	0	2.117
54	M676	Y	428.076	411.115	2.117	4.233
55	M676	Y	411.115	407.239	4.233	6.35
56	M676	Y	407.239	405.231	6.35	8.466
57	M676	Y	405.231	403.653	8.466	10.583
58	M676	Y	403.653	407.525	10.583	12.699
59	M676	Y	407.525	428.591	12.699	14.816
60	M676	Y	428.591	491.34	14.816	16.932
61	M676	Y	491.34	467.215	16.932	19.049
62	M676	Y	467.215	396.681	19.049	21.165
63	M676	Y	396.681	397.239	21.165	23.282
64	M676	Y	397.239	398.926	23.282	25.398
65	M676	Y	398.926	401.262	25.398	27.515
66	M677	Y	27.712	27.712	24.763	25.451
67	M677	Y	27.712	389.412	25.451	26.139
68	M677	Y	389.412	529.411	26.139	26.827
69	M677	Y	529.411	86.011	26.827	27.515
70	M684	Y	672.225	641.601	0	2.117
71	M684	Y	641.601	620.703	2.117	4.233
72	M684	Y	620.703	627.541	4.233	6.35
73	M684	Y	627.541	613.106	6.35	8.466
74	M684	Y	613.106	600.473	8.466	10.583
75	M684	Y	600.473	609.973	10.583	12.699
76	M684	Y	609.973	602.772	12.699	14.816
77	M684	Y	602.772	748.048	14.816	16.932
78	M684	Y	748.048	746.234	16.932	19.049
79	M684	Y	746.234	596.668	19.049	21.165
80	M684	Y	596.668	596.668	21.165	23.282
81	M684	Y	596.668	596.668	23.282	25.398
82	M684	Y	596.668	596.668	25.398	27.515
83	M685	Y	27.712	27.712	24.763	25.451
84	M685	Y	27.712	389.412	25.451	26.139
85	M685	Y	389.412	529.411	26.139	26.827
86	M685	Y	529.411	86.011	26.827	27.515
87	M686	Y	672.225	641.601	0	2.117
88	M686	Y	641.601	620.703	2.117	4.233
89	M686	Y	620.703	627.541	4.233	6.35
90	M686	Y	627.541	613.106	6.35	8.466
91	M686	Y	613.106	600.473	8.466	10.583
92	M686	Y	600.473	609.973	10.583	12.699
93	M686	Y	609.973	602.772	12.699	14.816
94	M686	Y	602.772	748.048	14.816	16.932
95	M686	Y	748.048	746.234	16.932	19.049
96	M686	Y	746.234	596.668	19.049	21.165
97	M686	Y	596.668	596.668	21.165	23.282
98	M686	Y	596.668	596.668	23.282	25.398
99	M686	Y	596.668	596.668	25.398	27.515
100	M687	Y	30.145	30.145	24.763	25.451
101	M687	Y	30.145	396.482	25.451	26.139
102	M687	Y	396.482	517.061	26.139	26.827
103	M687	Y	517.061	30.145	26.827	27.515
104	M688	Y	652.722	622.047	0	2.117
105	M688	Y	622.047	601.887	2.117	4.233
106	M688	Y	601.887	609.247	4.233	6.35
107	M688	Y	609.247	600.086	6.35	8.466
108	M688	Y	600.086	591.951	8.466	10.583

Member Distributed Loads (BLC 52 : BLC 18 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
109	M688	Y	591.951	601.856	10.583	12.699
110	M688	Y	601.856	597.334	12.699	14.816
111	M688	Y	597.334	706.784	14.816	16.932
112	M688	Y	706.784	725.192	16.932	19.049
113	M688	Y	725.192	621.39	19.049	21.165
114	M688	Y	621.39	609.236	21.165	23.282
115	M688	Y	609.236	606.281	23.282	25.398
116	M688	Y	606.281	601.597	25.398	27.515
117	M689	Y	27.712	27.712	24.763	25.451
118	M689	Y	27.712	389.412	25.451	26.139
119	M689	Y	389.412	529.411	26.139	26.827
120	M689	Y	529.411	86.011	26.827	27.515
121	M690	Y	672.225	641.601	0	2.117
122	M690	Y	641.601	620.703	2.117	4.233
123	M690	Y	620.703	627.541	4.233	6.35
124	M690	Y	627.541	613.106	6.35	8.466
125	M690	Y	613.106	600.473	8.466	10.583
126	M690	Y	600.473	609.973	10.583	12.699
127	M690	Y	609.973	602.772	12.699	14.816
128	M690	Y	602.772	748.048	14.816	16.932
129	M690	Y	748.048	746.234	16.932	19.049
130	M690	Y	746.234	596.668	19.049	21.165
131	M690	Y	596.668	596.668	21.165	23.282
132	M690	Y	596.668	596.668	23.282	25.398
133	M690	Y	596.668	596.668	25.398	27.515
134	M691	Y	27.712	27.712	24.763	25.451
135	M691	Y	27.712	389.412	25.451	26.139
136	M691	Y	389.412	529.411	26.139	26.827
137	M691	Y	529.411	86.011	26.827	27.515
138	M692	Y	672.225	641.601	0	2.117
139	M692	Y	641.601	620.703	2.117	4.233
140	M692	Y	620.703	627.541	4.233	6.35
141	M692	Y	627.541	613.106	6.35	8.466
142	M692	Y	613.106	600.473	8.466	10.583
143	M692	Y	600.473	609.973	10.583	12.699
144	M692	Y	609.973	602.772	12.699	14.816
145	M692	Y	602.772	748.048	14.816	16.932
146	M692	Y	748.048	746.234	16.932	19.049
147	M692	Y	746.234	596.668	19.049	21.165
148	M692	Y	596.668	596.668	21.165	23.282
149	M692	Y	596.668	596.668	23.282	25.398
150	M692	Y	596.668	596.668	25.398	27.515
151	M693	Y	27.712	27.712	24.763	25.451
152	M693	Y	27.712	389.412	25.451	26.139
153	M693	Y	389.412	529.411	26.139	26.827
154	M693	Y	529.411	86.011	26.827	27.515
155	M694	Y	672.225	641.601	0	2.117
156	M694	Y	641.601	620.703	2.117	4.233
157	M694	Y	620.703	627.541	4.233	6.35
158	M694	Y	627.541	613.106	6.35	8.466
159	M694	Y	613.106	600.473	8.466	10.583
160	M694	Y	600.473	609.973	10.583	12.699
161	M694	Y	609.973	602.772	12.699	14.816
162	M694	Y	602.772	748.048	14.816	16.932
163	M694	Y	748.048	746.234	16.932	19.049
164	M694	Y	746.234	596.668	19.049	21.165
165	M694	Y	596.668	596.668	21.165	23.282
166	M694	Y	596.668	596.668	23.282	25.398
167	M694	Y	596.668	596.668	25.398	27.515
168	M695	Y	23.055	23.055	24.763	25.451
169	M695	Y	23.055	350.375	25.451	26.139
170	M695	Y	350.375	493.252	26.139	26.827
171	M695	Y	493.252	124.367	26.827	27.515
172	M696	Y	632.258	603.258	0	2.117
173	M696	Y	603.258	585.462	2.117	4.233
174	M696	Y	585.462	580.613	4.233	6.35
175	M696	Y	580.613	572.462	6.35	8.466
176	M696	Y	572.462	566.054	8.466	10.583

Member Distributed Loads (BLC 52 : BLC 18 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
177	M696	Y	566.054	564.402	10.583	12.699
178	M696	Y	564.402	560.954	12.699	14.816
179	M696	Y	560.954	697.326	14.816	16.932
180	M696	Y	697.326	695.846	16.932	19.049
181	M696	Y	695.846	556.385	19.049	21.165
182	M696	Y	556.385	556.385	21.165	23.282
183	M696	Y	556.385	556.385	23.282	25.398
184	M696	Y	556.385	556.385	25.398	27.515
185	BM36	Y	636.161	635.816	0	2.082
186	BM36	Y	635.816	634.95	2.082	4.164
187	BM36	Y	634.95	632.193	4.164	6.246
188	BM36	Y	632.193	623.685	6.246	8.329
189	BM36	Y	623.685	618.507	8.329	10.411
190	BM36	Y	618.507	615.715	10.411	12.493
191	BM36	Y	615.715	615.697	12.493	14.575
192	BM36	Y	615.697	625.648	14.575	16.657
193	BM36	Y	625.648	624.54	16.657	18.739
194	BM36	Y	624.54	622.206	18.739	20.822
195	BM36	Y	622.206	636.631	20.822	22.904
196	BM36	Y	636.631	646.397	22.904	24.986
197	BM36	Y	646.397	646.544	24.986	27.068
198	BM36	Y	646.544	646.783	27.068	29.15
199	BM37	Y	625.029	623.895	0	2.082
200	BM37	Y	623.895	621.999	2.082	4.164
201	BM37	Y	621.999	605.832	4.164	6.246
202	BM37	Y	605.832	589.687	6.246	8.329
203	BM37	Y	589.687	587.313	8.329	10.411
204	BM37	Y	587.313	596.695	10.411	12.493
205	BM37	Y	596.695	611.579	12.493	14.575
206	BM37	Y	611.579	608.997	14.575	16.657
207	BM37	Y	608.997	600.413	16.657	18.739
208	BM37	Y	600.413	584.474	18.739	20.822
209	BM37	Y	584.474	610.162	20.822	22.904
210	BM37	Y	610.162	654.934	22.904	24.986
211	BM37	Y	654.934	633.803	24.986	27.068
212	BM37	Y	633.803	582.114	27.068	29.15
213	EDGE18	Y	279.55	279.585	0	2.082
214	EDGE18	Y	279.585	279.578	2.082	4.164
215	EDGE18	Y	279.578	296.737	4.164	6.246
216	EDGE18	Y	296.737	319.823	6.246	8.329
217	EDGE18	Y	319.823	324.984	8.329	10.411
218	EDGE18	Y	324.984	305.574	10.411	12.493
219	EDGE18	Y	305.574	280.009	12.493	14.575
220	EDGE18	Y	280.009	272.289	14.575	16.657
221	EDGE18	Y	272.289	271.249	16.657	18.739
222	EDGE18	Y	271.249	299.411	18.739	20.822
223	EDGE18	Y	299.411	338.495	20.822	22.904
224	EDGE18	Y	338.495	309.897	22.904	24.986
225	EDGE18	Y	309.897	270.614	24.986	27.068
226	EDGE18	Y	270.614	270.649	27.068	29.15
227	CANOPY10	Y	47.8	47.8	6.106e-16	13.333
228	CANOPY13	Y	47.8	47.8	1.432e-14	25
229	CANOPY18	Y	47.8	47.8	9.492e-15	7.667
230	CANOPY21	Y	47.8	47.8	9.603e-15	13.333
231	CANOPY28	Y	47.8	47.8	1.221e-15	25
232	CANOPY32	Y	47.8	47.8	1.432e-14	25
233	CANOPY33	Y	47.8	47.8	1.221e-15	25
234	CANOPY34	Y	47.8	47.8	1.005e-14	7.667
235	BM16	Y	353.544	353.376	0	2.082
236	BM16	Y	353.376	352.909	2.082	4.164
237	BM16	Y	352.909	347.936	4.164	6.246
238	BM16	Y	347.936	346.667	6.246	8.329
239	BM16	Y	346.667	347.17	8.329	10.411
240	BM16	Y	347.17	342.111	10.411	12.493
241	BM16	Y	342.111	342.069	12.493	14.575
242	BM16	Y	342.069	347.654	14.575	16.657
243	BM16	Y	347.654	350.71	16.657	18.739
244	BM16	Y	350.71	346.162	18.739	20.822

Member Distributed Loads (BLC 52 : BLC 18 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
245	BM16	Y	346.162	350.63	20.822	22.904
246	BM16	Y	350.63	359.357	22.904	24.986
247	BM16	Y	359.357	359.423	24.986	27.068
248	BM16	Y	359.423	359.473	27.068	29.15
249	BM17	Y	223.581	223.645	0	2.082
250	BM17	Y	223.645	223.707	2.082	4.164
251	BM17	Y	223.707	271.774	4.164	6.246
252	BM17	Y	271.774	273.843	6.246	8.329
253	BM17	Y	273.843	224.648	8.329	10.411
254	BM17	Y	224.648	221.939	10.411	12.493
255	BM17	Y	221.939	223.738	12.493	14.575
256	BM17	Y	223.738	225.74	14.575	16.657
257	BM17	Y	225.74	232.302	16.657	18.739
258	BM17	Y	232.302	272.401	18.739	20.822
259	BM17	Y	272.401	265.4	20.822	22.904
260	BM17	Y	265.4	224.161	22.904	24.986
261	BM17	Y	224.161	224.129	24.986	27.068
262	BM17	Y	224.129	224.02	27.068	29.15
263	BM35	Y	353.448	353.25	0	2.082
264	BM35	Y	353.25	352.737	2.082	4.164
265	BM35	Y	352.737	347.771	4.164	6.246
266	BM35	Y	347.771	346.567	6.246	8.329
267	BM35	Y	346.567	347.115	8.329	10.411
268	BM35	Y	347.115	342.21	10.411	12.493
269	BM35	Y	342.21	342.135	12.493	14.575
270	BM35	Y	342.135	344.114	14.575	16.657
271	BM35	Y	344.114	346.871	16.657	18.739
272	BM35	Y	346.871	348.905	18.739	20.822
273	BM35	Y	348.905	353.636	20.822	22.904
274	BM35	Y	353.636	359.137	22.904	24.986
275	BM35	Y	359.137	359.184	24.986	27.068
276	BM35	Y	359.184	359.285	27.068	29.15
277	BM10	Y	104.455	295.644	22.517	24.447
278	BM10	Y	295.644	382.594	24.447	26.377
279	BM10	Y	382.594	348.737	26.377	28.307
280	BM10	Y	348.737	330.351	28.307	30.237
281	BM10	Y	330.351	344	30.237	32.167
282	BM11	Y	101.081	289.278	22.517	24.447
283	BM11	Y	289.278	363.379	24.447	26.377
284	BM11	Y	363.379	329.919	26.377	28.307
285	BM11	Y	329.919	339.091	28.307	30.237
286	BM11	Y	339.091	384.361	30.237	32.167
287	BM12	Y	104.455	295.644	22.517	24.447
288	BM12	Y	295.644	382.594	24.447	26.377
289	BM12	Y	382.594	348.737	26.377	28.307
290	BM12	Y	348.737	330.351	28.307	30.237
291	BM12	Y	330.351	344	30.237	32.167
292	BM13	Y	104.455	295.644	22.517	24.447
293	BM13	Y	295.644	382.594	24.447	26.377
294	BM13	Y	382.594	348.737	26.377	28.307
295	BM13	Y	348.737	330.351	28.307	30.237
296	BM13	Y	330.351	344	30.237	32.167
297	BM14	Y	104.455	295.644	22.517	24.447
298	BM14	Y	295.644	382.594	24.447	26.377
299	BM14	Y	382.594	348.737	26.377	28.307
300	BM14	Y	348.737	330.351	28.307	30.237
301	BM14	Y	330.351	344	30.237	32.167
302	BM15	Y	69.209	198.025	22.517	24.447
303	BM15	Y	198.025	254.933	24.447	26.377
304	BM15	Y	254.933	220.707	26.377	28.307
305	BM15	Y	220.707	206.207	28.307	30.237
306	BM15	Y	206.207	230.66	30.237	32.167
307	BM20	Y	265.592	247.043	0	2.117
308	BM20	Y	247.043	242.496	2.117	4.233
309	BM20	Y	242.496	242.888	4.233	6.35
310	BM20	Y	242.888	238.263	6.35	8.466
311	BM20	Y	238.263	231.351	8.466	10.583
312	BM20	Y	231.351	221.203	10.583	12.699

Member Distributed Loads (BLC 52 : BLC 18 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
313	BM20	Y	221.203	217.3	12.699	14.816
314	BM20	Y	217.3	216.599	14.816	16.932
315	BM20	Y	216.599	254.54	16.932	19.049
316	BM20	Y	254.54	270.298	19.049	21.165
317	BM20	Y	270.298	232.283	21.165	23.282
318	BM20	Y	232.283	217.403	23.282	25.398
319	BM20	Y	217.403	218.664	25.398	27.515
320	BM21	Y	365.117	360.124	0	2.117
321	BM21	Y	360.124	363.762	2.117	4.233
322	BM21	Y	363.762	356.136	4.233	6.35
323	BM21	Y	356.136	335.62	6.35	8.466
324	BM21	Y	335.62	328.815	8.466	10.583
325	BM21	Y	328.815	328.834	10.583	12.699
326	BM21	Y	328.834	328.911	12.699	14.816
327	BM21	Y	328.911	370.24	14.816	16.932
328	BM21	Y	370.24	411.084	16.932	19.049
329	BM21	Y	411.084	369.75	19.049	21.165
330	BM21	Y	369.75	329.113	21.165	23.282
331	BM21	Y	329.113	329.924	23.282	25.398
332	BM21	Y	329.924	331.113	25.398	27.515
333	BM24	Y	365.117	360.124	0	2.117
334	BM24	Y	360.124	363.762	2.117	4.233
335	BM24	Y	363.762	356.136	4.233	6.35
336	BM24	Y	356.136	335.62	6.35	8.466
337	BM24	Y	335.62	328.815	8.466	10.583
338	BM24	Y	328.815	328.834	10.583	12.699
339	BM24	Y	328.834	328.911	12.699	14.816
340	BM24	Y	328.911	370.24	14.816	16.932
341	BM24	Y	370.24	411.084	16.932	19.049
342	BM24	Y	411.084	369.75	19.049	21.165
343	BM24	Y	369.75	329.113	21.165	23.282
344	BM24	Y	329.113	329.924	23.282	25.398
345	BM24	Y	329.924	331.113	25.398	27.515
346	BM25	Y	365.117	360.124	0	2.117
347	BM25	Y	360.124	363.762	2.117	4.233
348	BM25	Y	363.762	356.136	4.233	6.35
349	BM25	Y	356.136	335.62	6.35	8.466
350	BM25	Y	335.62	328.815	8.466	10.583
351	BM25	Y	328.815	328.834	10.583	12.699
352	BM25	Y	328.834	328.911	12.699	14.816
353	BM25	Y	328.911	370.24	14.816	16.932
354	BM25	Y	370.24	411.084	16.932	19.049
355	BM25	Y	411.084	369.75	19.049	21.165
356	BM25	Y	369.75	329.113	21.165	23.282
357	BM25	Y	329.113	329.924	23.282	25.398
358	BM25	Y	329.924	331.113	25.398	27.515
359	BM27	Y	365.117	360.124	0	2.117
360	BM27	Y	360.124	363.762	2.117	4.233
361	BM27	Y	363.762	356.136	4.233	6.35
362	BM27	Y	356.136	335.62	6.35	8.466
363	BM27	Y	335.62	328.815	8.466	10.583
364	BM27	Y	328.815	328.834	10.583	12.699
365	BM27	Y	328.834	328.911	12.699	14.816
366	BM27	Y	328.911	370.24	14.816	16.932
367	BM27	Y	370.24	411.084	16.932	19.049
368	BM27	Y	411.084	369.75	19.049	21.165
369	BM27	Y	369.75	329.113	21.165	23.282
370	BM27	Y	329.113	329.924	23.282	25.398
371	BM27	Y	329.924	331.113	25.398	27.515
372	BM32	Y	104.455	295.644	22.517	24.447
373	BM32	Y	295.644	382.594	24.447	26.377
374	BM32	Y	382.594	348.737	26.377	28.307
375	BM32	Y	348.737	330.351	28.307	30.237
376	BM32	Y	330.351	344	30.237	32.167
377	BM33	Y	104.455	295.644	22.517	24.447
378	BM33	Y	295.644	382.594	24.447	26.377
379	BM33	Y	382.594	348.737	26.377	28.307
380	BM33	Y	348.737	330.351	28.307	30.237

Member Distributed Loads (BLC 52 : BLC 18 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
381	BM33	Y	330.351	344	30.237	32.167
382	BM34	Y	97.043	275.744	22.517	24.447
383	BM34	Y	275.744	356.761	24.447	26.377
384	BM34	Y	356.761	316.618	26.377	28.307
385	BM34	Y	316.618	295.875	28.307	30.237
386	BM34	Y	295.875	318.011	30.237	32.167
387	BM38	Y	357.126	344.811	0	2.117
388	BM38	Y	344.811	340.708	2.117	4.233
389	BM38	Y	340.708	348.432	4.233	6.35
390	BM38	Y	348.432	357.169	6.35	8.466
391	BM38	Y	357.169	347.105	8.466	10.583
392	BM38	Y	347.105	327.53	10.583	12.699
393	BM38	Y	327.53	321.071	12.699	14.816
394	BM38	Y	321.071	341.716	14.816	16.932
395	BM38	Y	341.716	368.705	16.932	19.049
396	BM38	Y	368.705	380.684	19.049	21.165
397	BM38	Y	380.684	354.094	21.165	23.282
398	BM38	Y	354.094	322.694	23.282	25.398
399	BM38	Y	322.694	324.378	25.398	27.515
400	BM39	Y	365.117	360.124	0	2.117
401	BM39	Y	360.124	363.762	2.117	4.233
402	BM39	Y	363.762	356.136	4.233	6.35
403	BM39	Y	356.136	335.62	6.35	8.466
404	BM39	Y	335.62	328.815	8.466	10.583
405	BM39	Y	328.815	328.834	10.583	12.699
406	BM39	Y	328.834	328.911	12.699	14.816
407	BM39	Y	328.911	370.24	14.816	16.932
408	BM39	Y	370.24	411.084	16.932	19.049
409	BM39	Y	411.084	369.75	19.049	21.165
410	BM39	Y	369.75	329.113	21.165	23.282
411	BM39	Y	329.113	329.924	23.282	25.398
412	BM39	Y	329.924	331.113	25.398	27.515
413	BM40	Y	353.344	342.055	0	2.117
414	BM40	Y	342.055	348.515	2.117	4.233
415	BM40	Y	348.515	340.631	4.233	6.35
416	BM40	Y	340.631	313.98	6.35	8.466
417	BM40	Y	313.98	307.043	8.466	10.583
418	BM40	Y	307.043	306.455	10.583	12.699
419	BM40	Y	306.455	305.823	12.699	14.816
420	BM40	Y	305.823	325.885	14.816	16.932
421	BM40	Y	325.885	381.109	16.932	19.049
422	BM40	Y	381.109	360.388	19.049	21.165
423	BM40	Y	360.388	305.178	21.165	23.282
424	BM40	Y	305.178	306.274	23.282	25.398
425	BM40	Y	306.274	307.749	25.398	27.515
426	BM41	Y	365.117	360.124	0	2.117
427	BM41	Y	360.124	363.762	2.117	4.233
428	BM41	Y	363.762	356.136	4.233	6.35
429	BM41	Y	356.136	335.62	6.35	8.466
430	BM41	Y	335.62	328.815	8.466	10.583
431	BM41	Y	328.815	328.834	10.583	12.699
432	BM41	Y	328.834	328.911	12.699	14.816
433	BM41	Y	328.911	370.24	14.816	16.932
434	BM41	Y	370.24	411.084	16.932	19.049
435	BM41	Y	411.084	369.75	19.049	21.165
436	BM41	Y	369.75	329.113	21.165	23.282
437	BM41	Y	329.113	329.924	23.282	25.398
438	BM41	Y	329.924	331.113	25.398	27.515
439	EDGE10	Y	164.081	165.434	0	2.085
440	EDGE10	Y	165.434	166.441	2.085	4.17
441	EDGE10	Y	166.441	166.81	4.17	6.255
442	EDGE10	Y	166.81	166.832	6.255	8.341
443	EDGE10	Y	166.832	166.794	8.341	10.426
444	EDGE10	Y	166.794	166.752	10.426	12.511
445	EDGE29	Y	146.987	179.428	0	2.085
446	EDGE29	Y	179.428	201.582	2.085	4.17
447	EDGE29	Y	201.582	184.328	4.17	6.255
448	EDGE29	Y	184.328	161.121	6.255	8.341

Member Distributed Loads (BLC 52 : BLC 18 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
449	EDGE29	Y	161.121	160.836	8.341	10.426
450	EDGE29	Y	160.836	160.216	10.426	12.511
451	EDGE29	Y	160.216	159.558	12.511	14.596
452	EDGE29	Y	159.558	158.97	14.596	16.681
453	EDGE29	Y	158.97	188.142	16.681	18.766
454	EDGE29	Y	188.142	197.985	18.766	20.851
455	EDGE29	Y	197.985	168.489	20.851	22.937
456	EDGE29	Y	168.489	148.722	22.937	25.022
457	EDGE31	Y	157.515	157.515	0	2.085
458	EDGE31	Y	157.515	157.515	2.085	4.17
459	EDGE31	Y	157.515	173.873	4.17	6.255
460	EDGE31	Y	173.873	190.259	6.255	8.341
461	EDGE31	Y	190.259	180.044	8.341	10.426
462	EDGE31	Y	180.044	162.626	10.426	12.511
463	EDGE31	Y	162.626	154.625	12.511	14.596
464	EDGE31	Y	154.625	153.26	14.596	16.681
465	EDGE31	Y	153.26	191.363	16.681	18.766
466	EDGE31	Y	191.363	192.185	18.766	20.851
467	EDGE31	Y	192.185	154.43	20.851	22.937
468	EDGE31	Y	154.43	154.567	22.937	25.022
469	EDGE32	Y	79.03	78.043	0	2.085
470	EDGE32	Y	78.043	96.562	2.085	4.17
471	EDGE32	Y	96.562	96.345	4.17	6.255
472	EDGE32	Y	96.345	77.114	6.255	8.341
473	EDGE32	Y	77.114	77.059	8.341	10.426
474	EDGE32	Y	77.059	76.933	10.426	12.511
475	EDGE32	Y	76.933	76.759	12.511	14.596
476	EDGE32	Y	76.759	76.613	14.596	16.681
477	EDGE32	Y	76.613	89.267	16.681	18.766
478	EDGE32	Y	89.267	95.649	18.766	20.851
479	EDGE32	Y	95.649	82.951	20.851	22.937
480	EDGE32	Y	82.951	70.186	22.937	25.022
481	EDGE33	Y	76.341	76.341	0	2.085
482	EDGE33	Y	76.341	76.341	2.085	4.17
483	EDGE33	Y	76.341	85.858	4.17	6.255
484	EDGE33	Y	85.858	92.539	6.255	8.341
485	EDGE33	Y	92.539	87.59	8.341	10.426
486	EDGE33	Y	87.59	75.296	10.426	12.511
487	EDGE33	Y	75.296	73.512	12.511	14.596
488	EDGE33	Y	73.512	87.896	14.596	16.681
489	EDGE33	Y	87.896	87.378	16.681	18.766
490	EDGE33	Y	87.378	80.243	18.766	20.851
491	EDGE33	Y	80.243	79.18	20.851	22.937
492	EDGE33	Y	79.18	78.313	22.937	25.022
493	EDGE46	Y	79.774	80.727	0	2.085
494	EDGE46	Y	80.727	81.412	2.085	4.17
495	EDGE46	Y	81.412	81.638	4.17	6.255
496	EDGE46	Y	81.638	81.653	6.255	8.341
497	EDGE46	Y	81.653	81.653	8.341	10.426
498	EDGE46	Y	81.653	81.653	10.426	12.511
499	M673	Y	335.023	336.337	0	2.117
500	M673	Y	336.337	337.189	2.117	4.233
501	M673	Y	337.189	337.383	4.233	6.35
502	M673	Y	337.383	337.383	6.35	8.466
503	M673	Y	337.383	420.919	8.466	10.583
504	M673	Y	420.919	420.919	10.583	12.699
505	M673	Y	420.919	337.383	12.699	14.816
506	M673	Y	337.383	337.383	14.816	16.932
507	M673	Y	337.383	337.383	16.932	19.049
508	M673	Y	337.383	337.383	19.049	21.165
509	M673	Y	337.383	337.383	21.165	23.282
510	M673	Y	337.383	253.847	23.282	25.398
511	M673	Y	253.847	86.774	25.398	27.515
512	M675	Y	221.844	223.044	0	2.117
513	M675	Y	223.044	223.964	2.117	4.233
514	M675	Y	223.964	224.284	4.233	6.35
515	M675	Y	224.284	240.452	6.35	8.466
516	M675	Y	240.452	280.049	8.466	10.583

Member Distributed Loads (BLC 52 : BLC 18 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
517	M675	Y	280.049	264.265	10.583	12.699
518	M675	Y	264.265	225.242	12.699	14.816
519	M675	Y	225.242	225.611	14.816	16.932
520	M675	Y	225.611	225.816	16.932	19.049
521	M675	Y	225.816	225.842	19.049	21.165
522	M675	Y	225.842	225.842	21.165	23.282
523	M675	Y	225.842	169.925	23.282	25.398
524	M675	Y	169.925	58.091	25.398	27.515
525	M677	Y	335.023	336.337	0	2.117
526	M677	Y	336.337	337.189	2.117	4.233
527	M677	Y	337.189	337.383	4.233	6.35
528	M677	Y	337.383	337.383	6.35	8.466
529	M677	Y	337.383	420.919	8.466	10.583
530	M677	Y	420.919	420.919	10.583	12.699
531	M677	Y	420.919	337.383	12.699	14.816
532	M677	Y	337.383	337.383	14.816	16.932
533	M677	Y	337.383	337.383	16.932	19.049
534	M677	Y	337.383	337.383	19.049	21.165
535	M677	Y	337.383	337.383	21.165	23.282
536	M677	Y	337.383	253.847	23.282	25.398
537	M677	Y	253.847	86.774	25.398	27.515
538	M685	Y	335.023	336.337	0	2.117
539	M685	Y	336.337	337.189	2.117	4.233
540	M685	Y	337.189	337.383	4.233	6.35
541	M685	Y	337.383	337.383	6.35	8.466
542	M685	Y	337.383	420.919	8.466	10.583
543	M685	Y	420.919	420.919	10.583	12.699
544	M685	Y	420.919	337.383	12.699	14.816
545	M685	Y	337.383	337.383	14.816	16.932
546	M685	Y	337.383	337.383	16.932	19.049
547	M685	Y	337.383	337.383	19.049	21.165
548	M685	Y	337.383	337.383	21.165	23.282
549	M685	Y	337.383	253.847	23.282	25.398
550	M685	Y	253.847	86.774	25.398	27.515
551	M687	Y	328.364	330.205	0	2.117
552	M687	Y	330.205	331.457	2.117	4.233
553	M687	Y	331.457	331.801	4.233	6.35
554	M687	Y	331.801	331.825	6.35	8.466
555	M687	Y	331.825	414.011	8.466	10.583
556	M687	Y	414.011	414.042	10.583	12.699
557	M687	Y	414.042	331.908	12.699	14.816
558	M687	Y	331.908	331.944	14.816	16.932
559	M687	Y	331.944	331.972	16.932	19.049
560	M687	Y	331.972	331.983	19.049	21.165
561	M687	Y	331.983	331.965	21.165	23.282
562	M687	Y	331.965	249.75	23.282	25.398
563	M687	Y	249.75	85.372	25.398	27.515
564	M689	Y	335.023	336.337	0	2.117
565	M689	Y	336.337	337.189	2.117	4.233
566	M689	Y	337.189	337.383	4.233	6.35
567	M689	Y	337.383	337.383	6.35	8.466
568	M689	Y	337.383	420.919	8.466	10.583
569	M689	Y	420.919	420.919	10.583	12.699
570	M689	Y	420.919	337.383	12.699	14.816
571	M689	Y	337.383	337.383	14.816	16.932
572	M689	Y	337.383	337.383	16.932	19.049
573	M689	Y	337.383	337.383	19.049	21.165
574	M689	Y	337.383	337.383	21.165	23.282
575	M689	Y	337.383	253.847	23.282	25.398
576	M689	Y	253.847	86.774	25.398	27.515
577	M691	Y	335.023	336.337	0	2.117
578	M691	Y	336.337	337.189	2.117	4.233
579	M691	Y	337.189	337.383	4.233	6.35
580	M691	Y	337.383	337.383	6.35	8.466
581	M691	Y	337.383	420.919	8.466	10.583
582	M691	Y	420.919	420.919	10.583	12.699
583	M691	Y	420.919	337.383	12.699	14.816
584	M691	Y	337.383	337.383	14.816	16.932

Member Distributed Loads (BLC 52 : BLC 18 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
585	M691	Y	337.383	337.383	16.932	19.049
586	M691	Y	337.383	337.383	19.049	21.165
587	M691	Y	337.383	337.383	21.165	23.282
588	M691	Y	337.383	253.847	23.282	25.398
589	M691	Y	253.847	86.774	25.398	27.515
590	M693	Y	335.023	336.337	0	2.117
591	M693	Y	336.337	337.189	2.117	4.233
592	M693	Y	337.189	337.383	4.233	6.35
593	M693	Y	337.383	337.383	6.35	8.466
594	M693	Y	337.383	420.919	8.466	10.583
595	M693	Y	420.919	420.919	10.583	12.699
596	M693	Y	420.919	337.383	12.699	14.816
597	M693	Y	337.383	337.383	14.816	16.932
598	M693	Y	337.383	337.383	16.932	19.049
599	M693	Y	337.383	337.383	19.049	21.165
600	M693	Y	337.383	337.383	21.165	23.282
601	M693	Y	337.383	253.847	23.282	25.398
602	M693	Y	253.847	86.774	25.398	27.515
603	M695	Y	311.635	313.156	0	2.117
604	M695	Y	313.156	314.266	2.117	4.233
605	M695	Y	314.266	314.616	4.233	6.35
606	M695	Y	314.616	314.616	6.35	8.466
607	M695	Y	314.616	392.513	8.466	10.583
608	M695	Y	392.513	392.513	10.583	12.699
609	M695	Y	392.513	314.616	12.699	14.816
610	M695	Y	314.616	314.616	14.816	16.932
611	M695	Y	314.616	314.616	16.932	19.049
612	M695	Y	314.616	314.616	19.049	21.165
613	M695	Y	314.616	314.616	21.165	23.282
614	M695	Y	314.616	236.718	23.282	25.398
615	M695	Y	236.718	80.923	25.398	27.515
616	DIAPH227	Y	122.325	122.325	6.106e-15	8.257
617	EDGE12	Y	112.35	112.35	0	8.257
618	EDGE43	Y	9.975	9.975	5.551e-16	8.257
619	BM10	Y	210	210	3.775e-15	23.395
620	BM11	Y	206.85	206.85	7.383e-15	23.395
621	BM12	Y	210	210	1.715e-14	23.395
622	BM13	Y	210	210	2.426e-14	23.395
623	BM14	Y	210	210	3.048e-14	23.395
624	BM15	Y	140.175	140.175	2.504e-14	23.395
625	BM32	Y	210	210	1.982e-14	23.395
626	BM33	Y	210	210	1.094e-14	23.395
627	BM34	Y	195.825	195.825	5.29e-14	23.395
628	EDGE43	Y	101.85	101.85	2.887e-15	23.395
629	EDGE45	Y	49.35	49.35	3.691e-14	23.395
630	EDGE34	Y	62.579	62.656	0	2.059
631	EDGE34	Y	62.656	62.962	2.059	4.119
632	EDGE34	Y	62.962	63.721	4.119	6.178
633	EDGE34	Y	63.721	65.4	6.178	8.238
634	EDGE34	Y	65.4	68.64	8.238	10.297
635	EDGE34	Y	68.64	68.668	10.297	12.357
636	EDGE34	Y	68.668	65.509	12.357	14.416
637	EDGE34	Y	65.509	63.949	14.416	16.476
638	EDGE34	Y	63.949	63.309	16.476	18.535
639	EDGE34	Y	63.309	63.139	18.535	20.595
640	EDGE34	Y	63.139	63.349	20.595	22.654
641	EDGE34	Y	63.349	63.875	22.654	24.714
642	EDGE34	Y	63.875	64.592	24.714	26.773
643	EDGE49	Y	0	71.142	0	0.475
644	EDGE49	Y	71.142	71.142	0.475	0.951
645	EDGE49	Y	71.142	71.566	0.951	1.426
646	EDGE49	Y	71.566	71.566	1.426	1.902
647	EDGE49	Y	71.566	0	1.902	2.377
648	M678	Y	47.8	47.8	6.939e-15	13.333
649	M680	Y	47.8	47.8	7.605e-15	13.333
650	M698	Y	35	35	0	4.25
651	M699	Y	35	35	3.331e-16	4.25
652	M712	Y	35	35	1.432e-14	25

Member Distributed Loads (BLC 52 : BLC 18 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
653	M713	Y	35	35	1.51e-14	25
654	M702	Y	35	35	0	25
655	M703	Y	35	35	3.331e-16	25
656	M710	Y	35	35	1.898e-14	25
657	M711	Y	35	35	1.898e-14	25
658	M706	Y	35	35	1.221e-15	25
659	M707	Y	35	35	1.221e-15	25
660	BM18	Y	630	630	1.222e-13	32.167
661	BM22	Y	630	630	2.145e-13	32.167
662	BM42	Y	630	630	3.012e-13	32.167
663	BM43	Y	622.028	619.913	0	2.01
664	BM43	Y	619.913	618.319	2.01	4.021
665	BM43	Y	618.319	617.757	4.021	6.031
666	BM43	Y	617.757	617.734	6.031	8.042
667	BM43	Y	617.734	617.739	8.042	10.052
668	BM43	Y	617.739	617.737	10.052	12.063
669	BM43	Y	617.737	617.758	12.063	14.073
670	BM43	Y	617.758	617.97	14.073	16.084
671	BM43	Y	617.97	618.182	16.084	18.094
672	BM43	Y	618.182	618.206	18.094	20.104
673	BM43	Y	618.206	618.206	20.104	22.115
674	BM43	Y	618.206	618.206	22.115	24.125
675	BM43	Y	618.206	618.206	24.125	26.136
676	BM43	Y	618.206	618.206	26.136	28.146
677	BM43	Y	618.206	618.206	28.146	30.157
678	BM43	Y	618.206	618.206	30.157	32.167
679	BM44	Y	630	630	3.15e-13	32.167
680	BM45	Y	587.475	587.475	4.106e-13	32.167
681	BM46	Y	630	630	1.257e-13	32.167
682	BM47	Y	630	630	2.097e-13	32.167
683	BM48	Y	424.634	427.546	0	2.01
684	BM48	Y	427.546	428.486	2.01	4.021
685	BM48	Y	428.486	426.268	4.021	6.031
686	BM48	Y	426.268	423.417	6.031	8.042
687	BM48	Y	423.417	421.306	8.042	10.052
688	BM48	Y	421.306	419.915	10.052	12.063
689	BM48	Y	419.915	419.468	12.063	14.073
690	BM48	Y	419.468	419.451	14.073	16.084
691	BM48	Y	419.451	419.451	16.084	18.094
692	BM48	Y	419.451	419.451	18.094	20.104
693	BM48	Y	419.451	419.451	20.104	22.115
694	BM48	Y	419.451	419.451	22.115	24.125
695	BM48	Y	419.451	419.451	24.125	26.136
696	BM48	Y	419.451	419.451	26.136	28.146
697	BM48	Y	419.451	419.451	28.146	30.157
698	BM48	Y	419.451	419.451	30.157	32.167
699	EDGE10	Y	312.75	311.613	12.511	14.596
700	EDGE10	Y	311.613	310.258	14.596	16.681
701	EDGE10	Y	310.258	308.507	16.681	18.766
702	EDGE10	Y	308.507	306.627	18.766	20.851
703	EDGE10	Y	306.627	304.47	20.851	22.937
704	EDGE10	Y	304.47	301.99	22.937	25.022
705	EDGE17	Y	146.238	155.791	0	2.127
706	EDGE17	Y	155.791	165.808	2.127	4.254
707	EDGE17	Y	165.808	154.018	4.254	6.381
708	EDGE17	Y	154.018	136.988	6.381	8.507
709	EDGE17	Y	136.988	136.988	8.507	10.634
710	EDGE17	Y	136.988	136.988	10.634	12.761
711	EDGE17	Y	136.988	154.151	12.761	14.888
712	EDGE17	Y	154.151	171.181	14.888	17.015
713	EDGE17	Y	171.181	154.018	17.015	19.142
714	EDGE17	Y	154.018	136.988	19.142	21.269
715	EDGE17	Y	136.988	136.988	21.269	23.395
716	EDGE30	Y	247.427	318.558	0	2.127
717	EDGE30	Y	318.558	353.902	2.127	4.254
718	EDGE30	Y	353.902	318.673	4.254	6.381
719	EDGE30	Y	318.673	283.777	6.381	8.507
720	EDGE30	Y	283.777	283.889	8.507	10.634

Member Distributed Loads (BLC 52 : BLC 18 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
721	EDGE30	Y	283.889	283.889	10.634	12.761
722	EDGE30	Y	283.889	325.186	12.761	14.888
723	EDGE30	Y	325.186	354.457	14.888	17.015
724	EDGE30	Y	354.457	313.159	17.015	19.142

Member Distributed Loads (BLC 53 : BLC 19 Transient Area Loads)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	BM13	Y	62.506	62.506	0	2.01
2	BM13	Y	62.506	62.506	2.01	4.021
3	BM13	Y	62.506	62.506	4.021	6.031
4	BM13	Y	62.506	62.506	6.031	8.042
5	BM13	Y	62.506	62.506	8.042	10.052
6	BM13	Y	62.506	62.506	10.052	12.063
7	BM13	Y	62.506	62.506	12.063	14.073
8	BM13	Y	62.506	62.506	14.073	16.084
9	BM13	Y	62.506	62.506	16.084	18.094
10	BM13	Y	62.506	62.506	18.094	20.104
11	BM13	Y	62.506	62.506	20.104	22.115
12	BM13	Y	62.506	62.506	22.115	24.125
13	BM13	Y	62.506	62.506	24.125	26.136
14	BM13	Y	62.506	62.431	26.136	28.146
15	BM13	Y	62.431	62.174	28.146	30.157
16	BM13	Y	62.174	61.809	30.157	32.167
17	BM14	Y	62.502	62.502	0.005	32.15
18	BM21	Y	117.384	116.69	0	2.117
19	BM21	Y	116.69	116.201	2.117	4.233
20	BM21	Y	116.201	145.076	4.233	6.35
21	BM21	Y	145.076	145.076	6.35	8.466
22	BM21	Y	145.076	116.058	8.466	10.583
23	BM21	Y	116.058	116.058	10.583	12.699
24	BM21	Y	116.058	116.058	12.699	14.816
25	BM21	Y	116.058	116.058	14.816	16.932
26	BM21	Y	116.058	145.076	16.932	19.049
27	BM21	Y	145.076	145.076	19.049	21.165
28	BM21	Y	145.076	116.058	21.165	23.282
29	BM21	Y	116.058	116.058	23.282	25.398
30	BM21	Y	116.058	116.058	25.398	27.515
31	BM22	Y	61.809	62.174	0	2.01
32	BM22	Y	62.174	62.431	2.01	4.021
33	BM22	Y	62.431	62.506	4.021	6.031
34	BM22	Y	62.506	62.506	6.031	8.042
35	BM22	Y	62.506	62.506	8.042	10.052
36	BM22	Y	62.506	62.506	10.052	12.063
37	BM22	Y	62.506	62.506	12.063	14.073
38	BM22	Y	62.506	62.506	14.073	16.084
39	BM22	Y	62.506	62.506	16.084	18.094
40	BM22	Y	62.506	62.506	18.094	20.104
41	BM22	Y	62.506	62.506	20.104	22.115
42	BM22	Y	62.506	62.506	22.115	24.125
43	BM22	Y	62.506	62.506	24.125	26.136
44	BM22	Y	62.506	62.506	26.136	28.146
45	BM22	Y	62.506	62.506	28.146	30.157
46	BM22	Y	62.506	62.506	30.157	32.167
47	BM39	Y	117.384	116.69	0	2.117
48	BM39	Y	116.69	116.201	2.117	4.233
49	BM39	Y	116.201	145.076	4.233	6.35
50	BM39	Y	145.076	145.076	6.35	8.466
51	BM39	Y	145.076	116.058	8.466	10.583
52	BM39	Y	116.058	116.058	10.583	12.699
53	BM39	Y	116.058	116.058	12.699	14.816
54	BM39	Y	116.058	116.058	14.816	16.932
55	BM39	Y	116.058	145.076	16.932	19.049
56	BM39	Y	145.076	145.076	19.049	21.165
57	BM39	Y	145.076	116.058	21.165	23.282
58	BM39	Y	116.058	116.058	23.282	25.398
59	BM39	Y	116.058	116.058	25.398	27.515
60	BM42	Y	62.502	62.502	0.017	32.162
61	M689	Y	62.5	62.5	3.027e-12	27.515

Member Distributed Loads (BLC 53 : BLC 19 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
62	M690	Y	116.058	116.058	0	2.117
63	M690	Y	116.058	116.058	2.117	4.233
64	M690	Y	116.058	145.076	4.233	6.35
65	M690	Y	145.076	145.076	6.35	8.466
66	M690	Y	145.076	116.058	8.466	10.583
67	M690	Y	116.058	116.058	10.583	12.699
68	M690	Y	116.058	116.058	12.699	14.816
69	M690	Y	116.058	116.058	14.816	16.932
70	M690	Y	116.058	145.076	16.932	19.049
71	M690	Y	145.076	145.076	19.049	21.165
72	M690	Y	145.076	116.201	21.165	23.282
73	M690	Y	116.201	116.69	23.282	25.398
74	M690	Y	116.69	117.384	25.398	27.515
75	M693	Y	62.5	62.5	1.664e-12	27.515
76	M694	Y	116.058	116.058	0	2.117
77	M694	Y	116.058	116.058	2.117	4.233
78	M694	Y	116.058	145.076	4.233	6.35
79	M694	Y	145.076	145.076	6.35	8.466
80	M694	Y	145.076	116.058	8.466	10.583
81	M694	Y	116.058	116.058	10.583	12.699
82	M694	Y	116.058	116.058	12.699	14.816
83	M694	Y	116.058	116.058	14.816	16.932
84	M694	Y	116.058	145.076	16.932	19.049
85	M694	Y	145.076	145.076	19.049	21.165
86	M694	Y	145.076	116.201	21.165	23.282
87	M694	Y	116.201	116.69	23.282	25.398
88	M694	Y	116.69	117.384	25.398	27.515
89	BM15	Y	83.217	83.217	0	2.01
90	BM15	Y	83.217	83.217	2.01	4.021
91	BM15	Y	83.217	83.217	4.021	6.031
92	BM15	Y	83.217	83.217	6.031	8.042
93	BM15	Y	83.217	83.224	8.042	10.052
94	BM15	Y	83.224	83.328	10.052	12.063
95	BM15	Y	83.328	83.601	12.063	14.073
96	BM15	Y	83.601	84.028	14.073	16.084
97	BM15	Y	84.028	84.621	16.084	18.094
98	BM15	Y	84.621	85.083	18.094	20.104
99	BM15	Y	85.083	84.886	20.104	22.115
100	BM15	Y	84.886	84.216	22.115	24.125
101	BM15	Y	84.216	83.599	24.125	26.136
102	BM15	Y	83.599	83.162	26.136	28.146
103	BM15	Y	83.162	82.929	28.146	30.157
104	BM15	Y	82.929	82.816	30.157	32.167
105	BM20	Y	78.439	78.693	0	2.117
106	BM20	Y	78.693	79.158	2.117	4.233
107	BM20	Y	79.158	90.883	4.233	6.35
108	BM20	Y	90.883	91.575	6.35	8.466
109	BM20	Y	91.575	80.393	8.466	10.583
110	BM20	Y	80.393	79.487	10.583	12.699
111	BM20	Y	79.487	78.706	12.699	14.816
112	BM20	Y	78.706	78.065	14.816	16.932
113	BM20	Y	78.065	91.316	16.932	19.049
114	BM20	Y	91.316	96.742	19.049	21.165
115	BM20	Y	96.742	82.99	21.165	23.282
116	BM20	Y	82.99	77.342	23.282	25.398
117	BM20	Y	77.342	77.342	25.398	27.515
118	BM48	Y	82.369	82.763	0	2.01
119	BM48	Y	82.763	83.16	2.01	4.021
120	BM48	Y	83.16	83.616	4.021	6.031
121	BM48	Y	83.616	84.24	6.031	8.042
122	BM48	Y	84.24	84.904	8.042	10.052
123	BM48	Y	84.904	85.095	10.052	12.063
124	BM48	Y	85.095	84.637	12.063	14.073
125	BM48	Y	84.637	84.039	14.073	16.084
126	BM48	Y	84.039	83.609	16.084	18.094
127	BM48	Y	83.609	83.33	18.094	20.104
128	BM48	Y	83.33	83.228	20.104	22.115
129	BM48	Y	83.228	83.221	22.115	24.125

Member Distributed Loads (BLC 53 : BLC 19 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
130	BM48	Y	83.221	83.221	24.125	26.136
131	BM48	Y	83.221	83.221	26.136	28.146
132	BM48	Y	83.221	83.221	28.146	30.157
133	BM48	Y	83.221	83.221	30.157	32.167
134	EDGE17	Y	27.698	30.615	0	2.127
135	EDGE17	Y	30.615	31.315	2.127	4.254
136	EDGE17	Y	31.315	29.233	4.254	6.381
137	EDGE17	Y	29.233	27.728	6.381	8.507
138	EDGE17	Y	27.728	27.424	8.507	10.634
139	EDGE17	Y	27.424	27.253	10.634	12.761
140	EDGE17	Y	27.253	30.609	12.761	14.888
141	EDGE17	Y	30.609	33.988	14.888	17.015
142	EDGE17	Y	33.988	30.582	17.015	19.142
143	EDGE17	Y	30.582	27.203	19.142	21.269
144	EDGE17	Y	27.203	27.203	21.269	23.395
145	EDGE32	Y	27.345	27.345	0	2.085
146	EDGE32	Y	27.345	27.345	2.085	4.17
147	EDGE32	Y	27.345	34.16	4.17	6.255
148	EDGE32	Y	34.16	34.16	6.255	8.341
149	EDGE32	Y	34.16	27.345	8.341	10.426
150	EDGE32	Y	27.345	27.345	10.426	12.511
151	EDGE32	Y	27.345	27.345	12.511	14.596
152	EDGE32	Y	27.345	27.345	14.596	16.681
153	EDGE32	Y	27.345	31.887	16.681	18.766
154	EDGE32	Y	31.887	34.314	18.766	20.851
155	EDGE32	Y	34.314	30.118	20.851	22.937
156	EDGE32	Y	30.118	25.958	22.937	25.022
157	EDGE33	Y	28.194	29.021	0	2.085
158	EDGE33	Y	29.021	28.233	2.085	4.17
159	EDGE33	Y	28.233	28.916	4.17	6.255
160	EDGE33	Y	28.916	30.352	6.255	8.341
161	EDGE33	Y	30.352	29.516	8.341	10.426
162	EDGE33	Y	29.516	28.752	10.426	12.511
163	EDGE33	Y	28.752	28.124	12.511	14.596
164	EDGE33	Y	28.124	27.724	14.596	16.681
165	EDGE33	Y	27.724	29.846	16.681	18.766
166	EDGE33	Y	29.846	31.144	18.766	20.851
167	EDGE33	Y	31.144	29.141	20.851	22.937
168	EDGE33	Y	29.141	27.074	22.937	25.022
169	EDGE45	Y	27.202	27.202	0	2.127
170	EDGE45	Y	27.202	30.581	2.127	4.254
171	EDGE45	Y	30.581	33.987	4.254	6.381
172	EDGE45	Y	33.987	30.608	6.381	8.507
173	EDGE45	Y	30.608	27.238	8.507	10.634
174	EDGE45	Y	27.238	27.412	10.634	12.761
175	EDGE45	Y	27.412	27.739	12.761	14.888
176	EDGE45	Y	27.739	29.221	14.888	17.015
177	EDGE45	Y	29.221	31.292	17.015	19.142
178	EDGE45	Y	31.292	30.633	19.142	21.269
179	EDGE45	Y	30.633	27.758	21.269	23.395
180	EDGE46	Y	27.353	27.353	0	2.085
181	EDGE46	Y	27.353	27.353	2.085	4.17
182	EDGE46	Y	27.353	34.168	4.17	6.255
183	EDGE46	Y	34.168	34.168	6.255	8.341
184	EDGE46	Y	34.168	27.353	8.341	10.426
185	EDGE46	Y	27.353	27.353	10.426	12.511
186	EDGE46	Y	27.353	27.353	12.511	14.596
187	EDGE46	Y	27.353	27.353	14.596	16.681
188	EDGE46	Y	27.353	31.888	16.681	18.766
189	EDGE46	Y	31.888	34.168	18.766	20.851
190	EDGE46	Y	34.168	29.633	20.851	22.937
191	EDGE46	Y	29.633	25.074	22.937	25.022
192	EDGE47	Y	27.301	27.301	0	2.085
193	EDGE47	Y	27.301	27.301	2.085	4.17
194	EDGE47	Y	27.301	30.7	4.17	6.255
195	EDGE47	Y	30.7	32.975	6.255	8.341
196	EDGE47	Y	32.975	30.731	8.341	10.426
197	EDGE47	Y	30.731	28.481	10.426	12.511

Member Distributed Loads (BLC 53 : BLC 19 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
198	EDGE47	Y	28.481	27.354	12.511	14.596
199	EDGE47	Y	27.354	27.385	14.596	16.681
200	EDGE47	Y	27.385	29.753	16.681	18.766
201	EDGE47	Y	29.753	31.134	18.766	20.851
202	EDGE47	Y	31.134	29.139	20.851	22.937
203	EDGE47	Y	29.139	27.067	22.937	25.022
204	M675	Y	27.136	27.136	0	2.117
205	M675	Y	27.136	27.136	2.117	4.233
206	M675	Y	27.136	33.92	4.233	6.35
207	M675	Y	33.92	33.92	6.35	8.466
208	M675	Y	33.92	27.136	8.466	10.583
209	M675	Y	27.136	27.136	10.583	12.699
210	M675	Y	27.136	27.136	12.699	14.816
211	M675	Y	27.136	27.136	14.816	16.932
212	M675	Y	27.136	33.92	16.932	19.049
213	M675	Y	33.92	33.92	19.049	21.165
214	M675	Y	33.92	27.136	21.165	23.282
215	M675	Y	27.136	27.136	23.282	25.398
216	M675	Y	27.136	27.136	25.398	27.515
217	M676	Y	77.33	77.33	0	2.117
218	M676	Y	77.33	82.979	2.117	4.233
219	M676	Y	82.979	96.664	4.233	6.35
220	M676	Y	96.664	91.016	6.35	8.466
221	M676	Y	91.016	77.33	8.466	10.583
222	M676	Y	77.33	77.33	10.583	12.699
223	M676	Y	77.33	78.456	12.699	14.816
224	M676	Y	78.456	81.845	14.816	16.932
225	M676	Y	81.845	95.539	16.932	19.049
226	M676	Y	95.539	92.153	19.049	21.165
227	M676	Y	92.153	77.427	21.165	23.282
228	M676	Y	77.427	77.691	23.282	25.398
229	M676	Y	77.691	78.04	25.398	27.515
230	BM16	Y	126.266	126.206	0	2.082
231	BM16	Y	126.206	126.039	2.082	4.164
232	BM16	Y	126.039	124.263	4.164	6.246
233	BM16	Y	124.263	123.809	6.246	8.329
234	BM16	Y	123.809	123.989	8.329	10.411
235	BM16	Y	123.989	122.182	10.411	12.493
236	BM16	Y	122.182	122.168	12.493	14.575
237	BM16	Y	122.168	124.162	14.575	16.657
238	BM16	Y	124.162	125.254	16.657	18.739
239	BM16	Y	125.254	123.629	18.739	20.822
240	BM16	Y	123.629	125.225	20.822	22.904
241	BM16	Y	125.225	128.342	22.904	24.986
242	BM16	Y	128.342	128.365	24.986	27.068
243	BM16	Y	128.365	128.383	27.068	29.15
244	BM17	Y	94.176	94.203	0	2.082
245	BM17	Y	94.203	94.235	2.082	4.164
246	BM17	Y	94.235	113.119	4.164	6.246
247	BM17	Y	113.119	114.371	6.246	8.329
248	BM17	Y	114.371	94.879	8.329	10.411
249	BM17	Y	94.879	93.42	10.411	12.493
250	BM17	Y	93.42	94.646	12.493	14.575
251	BM17	Y	94.646	95.803	14.575	16.657
252	BM17	Y	95.803	98.701	16.657	18.739
253	BM17	Y	98.701	113.477	18.739	20.822
254	BM17	Y	113.477	110.085	20.822	22.904
255	BM17	Y	110.085	94.475	22.904	24.986
256	BM17	Y	94.475	94.465	24.986	27.068
257	BM17	Y	94.465	94.423	27.068	29.15
258	BM35	Y	128.149	128.075	0	2.082
259	BM35	Y	128.075	127.892	2.082	4.164
260	BM35	Y	127.892	124.919	4.164	6.246
261	BM35	Y	124.919	121.946	6.246	8.329
262	BM35	Y	121.946	121.743	8.329	10.411
263	BM35	Y	121.743	121.671	10.411	12.493
264	BM35	Y	121.671	121.592	12.493	14.575
265	BM35	Y	121.592	121.49	14.575	16.657

Member Distributed Loads (BLC 53 : BLC 19 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
266	BM35	Y	121.49	121.601	16.657	18.739
267	BM35	Y	121.601	122.133	18.739	20.822
268	BM35	Y	122.133	126.23	20.822	22.904
269	BM35	Y	126.23	130.299	22.904	24.986
270	BM35	Y	130.299	130.794	24.986	27.068
271	BM35	Y	130.794	131.077	27.068	29.15
272	BM36	Y	128.167	128.097	0	2.082
273	BM36	Y	128.097	127.92	2.082	4.164
274	BM36	Y	127.92	124.928	4.164	6.246
275	BM36	Y	124.928	121.922	6.246	8.329
276	BM36	Y	121.922	121.715	8.329	10.411
277	BM36	Y	121.715	121.655	10.411	12.493
278	BM36	Y	121.655	121.587	12.493	14.575
279	BM36	Y	121.587	121.497	14.575	16.657
280	BM36	Y	121.497	121.62	16.657	18.739
281	BM36	Y	121.62	122.121	18.739	20.822
282	BM36	Y	122.121	126.2	20.822	22.904
283	BM36	Y	126.2	130.298	22.904	24.986
284	BM36	Y	130.298	130.807	24.986	27.068
285	BM36	Y	130.807	131.098	27.068	29.15
286	BM37	Y	124.014	123.789	0	2.082
287	BM37	Y	123.789	123.413	2.082	4.164
288	BM37	Y	123.413	120.205	4.164	6.246
289	BM37	Y	120.205	117.001	6.246	8.329
290	BM37	Y	117.001	116.53	8.329	10.411
291	BM37	Y	116.53	118.392	10.411	12.493
292	BM37	Y	118.392	121.345	12.493	14.575
293	BM37	Y	121.345	120.833	14.575	16.657
294	BM37	Y	120.833	119.13	16.657	18.739
295	BM37	Y	119.13	115.967	18.739	20.822
296	BM37	Y	115.967	121.064	20.822	22.904
297	BM37	Y	121.064	129.947	22.904	24.986
298	BM37	Y	129.947	125.755	24.986	27.068
299	BM37	Y	125.755	115.499	27.068	29.15
300	EDGE18	Y	55.466	55.473	0	2.082
301	EDGE18	Y	55.473	55.472	2.082	4.164
302	EDGE18	Y	55.472	58.876	4.164	6.246
303	EDGE18	Y	58.876	63.457	6.246	8.329
304	EDGE18	Y	63.457	64.481	8.329	10.411
305	EDGE18	Y	64.481	60.63	10.411	12.493
306	EDGE18	Y	60.63	55.557	12.493	14.575
307	EDGE18	Y	55.557	54.026	14.575	16.657
308	EDGE18	Y	54.026	53.819	16.657	18.739
309	EDGE18	Y	53.819	59.407	18.739	20.822
310	EDGE18	Y	59.407	67.162	20.822	22.904
311	EDGE18	Y	67.162	61.488	22.904	24.986
312	EDGE18	Y	61.488	53.693	24.986	27.068
313	EDGE18	Y	53.693	53.7	27.068	29.15
314	EDGE34	Y	37.249	37.295	0	2.059
315	EDGE34	Y	37.295	37.477	2.059	4.119
316	EDGE34	Y	37.477	37.929	4.119	6.178
317	EDGE34	Y	37.929	38.928	6.178	8.238
318	EDGE34	Y	38.928	40.857	8.238	10.297
319	EDGE34	Y	40.857	40.874	10.297	12.357
320	EDGE34	Y	40.874	38.993	12.357	14.416
321	EDGE34	Y	38.993	38.065	14.416	16.476
322	EDGE34	Y	38.065	37.684	16.476	18.535
323	EDGE34	Y	37.684	37.583	18.535	20.595
324	EDGE34	Y	37.583	37.708	20.595	22.654
325	EDGE34	Y	37.708	38.021	22.654	24.714
326	EDGE34	Y	38.021	38.448	24.714	26.773
327	EDGE49	Y	0	42.346	0	0.475
328	EDGE49	Y	42.346	42.346	0.475	0.951
329	EDGE49	Y	42.346	42.599	0.951	1.426
330	EDGE49	Y	42.599	42.599	1.426	1.902
331	EDGE49	Y	42.599	0	1.902	2.377
332	BM34	Y	54.067	54.067	0	2.01
333	BM34	Y	54.067	54.067	2.01	4.021

Member Distributed Loads (BLC 53 : BLC 19 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
334	BM34	Y	54.067	54.067	4.021	6.031
335	BM34	Y	54.067	54.067	6.031	8.042
336	BM34	Y	54.067	54.067	8.042	10.052
337	BM34	Y	54.067	54.067	10.052	12.063
338	BM34	Y	54.067	54.067	12.063	14.073
339	BM34	Y	54.067	54.067	14.073	16.084
340	BM34	Y	54.067	54.067	16.084	18.094
341	BM34	Y	54.067	54.067	18.094	20.104
342	BM34	Y	54.067	54.067	20.104	22.115
343	BM34	Y	54.067	54.067	22.115	24.125
344	BM34	Y	54.067	54.067	24.125	26.136
345	BM34	Y	54.067	53.989	26.136	28.146
346	BM34	Y	53.989	53.782	28.146	30.157
347	BM34	Y	53.782	53.524	30.157	32.167
348	BM40	Y	109.433	108.811	0	2.117
349	BM40	Y	108.811	108.362	2.117	4.233
350	BM40	Y	108.362	135.284	4.233	6.35
351	BM40	Y	135.284	135.284	6.35	8.466
352	BM40	Y	135.284	108.225	8.466	10.583
353	BM40	Y	108.225	108.225	10.583	12.699
354	BM40	Y	108.225	108.225	12.699	14.816
355	BM40	Y	108.225	108.225	14.816	16.932
356	BM40	Y	108.225	135.284	16.932	19.049
357	BM40	Y	135.284	135.284	19.049	21.165
358	BM40	Y	135.284	108.225	21.165	23.282
359	BM40	Y	108.225	108.225	23.282	25.398
360	BM40	Y	108.225	108.225	25.398	27.515
361	BM45	Y	115.324	115.959	0	2.01
362	BM45	Y	115.959	116.424	2.01	4.021
363	BM45	Y	116.424	116.572	4.021	6.031
364	BM45	Y	116.572	116.572	6.031	8.042
365	BM45	Y	116.572	116.572	8.042	10.052
366	BM45	Y	116.572	116.572	10.052	12.063
367	BM45	Y	116.572	116.572	12.063	14.073
368	BM45	Y	116.572	116.572	14.073	16.084
369	BM45	Y	116.572	116.572	16.084	18.094
370	BM45	Y	116.572	116.572	18.094	20.104
371	BM45	Y	116.572	116.572	20.104	22.115
372	BM45	Y	116.572	116.572	22.115	24.125
373	BM45	Y	116.572	116.572	24.125	26.136
374	BM45	Y	116.572	116.572	26.136	28.146
375	BM45	Y	116.572	116.572	28.146	30.157
376	BM45	Y	116.572	116.572	30.157	32.167
377	M675	Y	54.063	54.063	2.816e-13	27.515
378	M695	Y	54.063	54.063	1.776e-13	27.515
379	M696	Y	108.225	108.225	0	2.117
380	M696	Y	108.225	108.225	2.117	4.233
381	M696	Y	108.225	135.284	4.233	6.35
382	M696	Y	135.284	135.284	6.35	8.466
383	M696	Y	135.284	108.225	8.466	10.583
384	M696	Y	108.225	108.225	10.583	12.699
385	M696	Y	108.225	108.225	12.699	14.816
386	M696	Y	108.225	108.225	14.816	16.932
387	M696	Y	108.225	135.284	16.932	19.049
388	M696	Y	135.284	135.284	19.049	21.165
389	M696	Y	135.284	108.363	21.165	23.282
390	M696	Y	108.363	108.807	23.282	25.398
391	M696	Y	108.807	109.421	25.398	27.515
392	BM14	Y	62.506	62.506	0	2.01
393	BM14	Y	62.506	62.506	2.01	4.021
394	BM14	Y	62.506	62.506	4.021	6.031
395	BM14	Y	62.506	62.506	6.031	8.042
396	BM14	Y	62.506	62.506	8.042	10.052
397	BM14	Y	62.506	62.506	10.052	12.063
398	BM14	Y	62.506	62.506	12.063	14.073
399	BM14	Y	62.506	62.506	14.073	16.084
400	BM14	Y	62.506	62.506	16.084	18.094
401	BM14	Y	62.506	62.506	18.094	20.104

Member Distributed Loads (BLC 53 : BLC 19 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
402	BM14	Y	62.506	62.506	20.104	22.115
403	BM14	Y	62.506	62.506	22.115	24.125
404	BM14	Y	62.506	62.506	24.125	26.136
405	BM14	Y	62.506	62.431	26.136	28.146
406	BM14	Y	62.431	62.174	28.146	30.157
407	BM14	Y	62.174	61.809	30.157	32.167
408	BM22	Y	62.502	62.502	0.017	32.162
409	BM34	Y	62.502	62.502	0.005	32.15
410	M693	Y	62.5	62.5	3.069e-12	27.515
411	M695	Y	62.5	62.5	1.734e-12	27.515
412	BM13	Y	62.502	62.502	0.005	32.15
413	BM18	Y	62.502	62.502	0.017	32.162
414	BM25	Y	117.384	116.69	0	2.117
415	BM25	Y	116.69	116.201	2.117	4.233
416	BM25	Y	116.201	145.076	4.233	6.35
417	BM25	Y	145.076	145.076	6.35	8.466
418	BM25	Y	145.076	116.058	8.466	10.583
419	BM25	Y	116.058	116.058	10.583	12.699
420	BM25	Y	116.058	116.058	12.699	14.816
421	BM25	Y	116.058	116.058	14.816	16.932
422	BM25	Y	116.058	145.076	16.932	19.049
423	BM25	Y	145.076	145.076	19.049	21.165
424	BM25	Y	145.076	116.058	21.165	23.282
425	BM25	Y	116.058	116.058	23.282	25.398
426	BM25	Y	116.058	116.058	25.398	27.515
427	BM33	Y	62.506	62.506	0	2.01
428	BM33	Y	62.506	62.506	2.01	4.021
429	BM33	Y	62.506	62.506	4.021	6.031
430	BM33	Y	62.506	62.506	6.031	8.042
431	BM33	Y	62.506	62.506	8.042	10.052
432	BM33	Y	62.506	62.506	10.052	12.063
433	BM33	Y	62.506	62.506	12.063	14.073
434	BM33	Y	62.506	62.506	14.073	16.084
435	BM33	Y	62.506	62.506	16.084	18.094
436	BM33	Y	62.506	62.506	18.094	20.104
437	BM33	Y	62.506	62.506	20.104	22.115
438	BM33	Y	62.506	62.506	22.115	24.125
439	BM33	Y	62.506	62.506	24.125	26.136
440	BM33	Y	62.506	62.431	26.136	28.146
441	BM33	Y	62.431	62.174	28.146	30.157
442	BM33	Y	62.174	61.809	30.157	32.167
443	BM42	Y	61.809	62.174	0	2.01
444	BM42	Y	62.174	62.431	2.01	4.021
445	BM42	Y	62.431	62.506	4.021	6.031
446	BM42	Y	62.506	62.506	6.031	8.042
447	BM42	Y	62.506	62.506	8.042	10.052
448	BM42	Y	62.506	62.506	10.052	12.063
449	BM42	Y	62.506	62.506	12.063	14.073
450	BM42	Y	62.506	62.506	14.073	16.084
451	BM42	Y	62.506	62.506	16.084	18.094
452	BM42	Y	62.506	62.506	18.094	20.104
453	BM42	Y	62.506	62.506	20.104	22.115
454	BM42	Y	62.506	62.506	22.115	24.125
455	BM42	Y	62.506	62.506	24.125	26.136
456	BM42	Y	62.506	62.506	26.136	28.146
457	BM42	Y	62.506	62.506	28.146	30.157
458	BM42	Y	62.506	62.506	30.157	32.167
459	M689	Y	62.5	62.5	1.945e-12	27.515
460	M691	Y	62.5	62.5	2.783e-12	27.515
461	M692	Y	116.058	116.058	0	2.117
462	M692	Y	116.058	116.058	2.117	4.233
463	M692	Y	116.058	145.076	4.233	6.35
464	M692	Y	145.076	145.076	6.35	8.466
465	M692	Y	145.076	116.058	8.466	10.583
466	M692	Y	116.058	116.058	10.583	12.699
467	M692	Y	116.058	116.058	12.699	14.816
468	M692	Y	116.058	116.058	14.816	16.932
469	M692	Y	116.058	145.076	16.932	19.049

Member Distributed Loads (BLC 53 : BLC 19 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
470	M692	Y	145.076	145.076	19.049	21.165
471	M692	Y	145.076	116.201	21.165	23.282
472	M692	Y	116.201	116.69	23.282	25.398
473	M692	Y	116.69	117.384	25.398	27.515
474	BM12	Y	62.506	62.506	0	2.01
475	BM12	Y	62.506	62.506	2.01	4.021
476	BM12	Y	62.506	62.506	4.021	6.031
477	BM12	Y	62.506	62.506	6.031	8.042
478	BM12	Y	62.506	62.506	8.042	10.052
479	BM12	Y	62.506	62.506	10.052	12.063
480	BM12	Y	62.506	62.506	12.063	14.073
481	BM12	Y	62.506	62.506	14.073	16.084
482	BM12	Y	62.506	62.506	16.084	18.094
483	BM12	Y	62.506	62.506	18.094	20.104
484	BM12	Y	62.506	62.506	20.104	22.115
485	BM12	Y	62.506	62.506	22.115	24.125
486	BM12	Y	62.506	62.506	24.125	26.136
487	BM12	Y	62.506	62.431	26.136	28.146
488	BM12	Y	62.431	62.174	28.146	30.157
489	BM12	Y	62.174	61.809	30.157	32.167
490	BM18	Y	61.809	62.174	0	2.01
491	BM18	Y	62.174	62.431	2.01	4.021
492	BM18	Y	62.431	62.506	4.021	6.031
493	BM18	Y	62.506	62.506	6.031	8.042
494	BM18	Y	62.506	62.506	8.042	10.052
495	BM18	Y	62.506	62.506	10.052	12.063
496	BM18	Y	62.506	62.506	12.063	14.073
497	BM18	Y	62.506	62.506	14.073	16.084
498	BM18	Y	62.506	62.506	16.084	18.094
499	BM18	Y	62.506	62.506	18.094	20.104
500	BM18	Y	62.506	62.506	20.104	22.115
501	BM18	Y	62.506	62.506	22.115	24.125
502	BM18	Y	62.506	62.506	24.125	26.136
503	BM18	Y	62.506	62.506	26.136	28.146
504	BM18	Y	62.506	62.506	28.146	30.157
505	BM18	Y	62.506	62.506	30.157	32.167
506	BM27	Y	117.384	116.69	0	2.117
507	BM27	Y	116.69	116.201	2.117	4.233
508	BM27	Y	116.201	145.076	4.233	6.35
509	BM27	Y	145.076	145.076	6.35	8.466
510	BM27	Y	145.076	116.058	8.466	10.583
511	BM27	Y	116.058	116.058	10.583	12.699
512	BM27	Y	116.058	116.058	12.699	14.816
513	BM27	Y	116.058	116.058	14.816	16.932
514	BM27	Y	116.058	145.076	16.932	19.049
515	BM27	Y	145.076	145.076	19.049	21.165
516	BM27	Y	145.076	116.058	21.165	23.282
517	BM27	Y	116.058	116.058	23.282	25.398
518	BM27	Y	116.058	116.058	25.398	27.515
519	BM33	Y	62.502	62.502	0.005	32.15
520	BM47	Y	62.502	62.502	0.017	32.162
521	M673	Y	62.5	62.5	3.007e-12	27.515
522	M674	Y	116.058	116.058	0	2.117
523	M674	Y	116.058	116.058	2.117	4.233
524	M674	Y	116.058	145.076	4.233	6.35
525	M674	Y	145.076	145.076	6.35	8.466
526	M674	Y	145.076	116.058	8.466	10.583
527	M674	Y	116.058	116.058	10.583	12.699
528	M674	Y	116.058	116.058	12.699	14.816
529	M674	Y	116.058	116.058	14.816	16.932
530	M674	Y	116.058	145.076	16.932	19.049
531	M674	Y	145.076	145.076	19.049	21.165
532	M674	Y	145.076	116.201	21.165	23.282
533	M674	Y	116.201	116.69	23.282	25.398
534	M674	Y	116.69	117.384	25.398	27.515
535	M691	Y	62.5	62.5	1.702e-12	27.515
536	BM12	Y	62.502	62.502	0.005	32.15
537	BM24	Y	117.384	116.69	0	2.117

Member Distributed Loads (BLC 53 : BLC 19 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
538	BM24	Y	116.69	116.201	2.117	4.233
539	BM24	Y	116.201	145.076	4.233	6.35
540	BM24	Y	145.076	145.076	6.35	8.466
541	BM24	Y	145.076	116.058	8.466	10.583
542	BM24	Y	116.058	116.058	10.583	12.699
543	BM24	Y	116.058	116.058	12.699	14.816
544	BM24	Y	116.058	116.058	14.816	16.932
545	BM24	Y	116.058	145.076	16.932	19.049
546	BM24	Y	145.076	145.076	19.049	21.165
547	BM24	Y	145.076	116.058	21.165	23.282
548	BM24	Y	116.058	116.058	23.282	25.398
549	BM24	Y	116.058	116.058	25.398	27.515
550	BM32	Y	62.506	62.506	0	2.01
551	BM32	Y	62.506	62.506	2.01	4.021
552	BM32	Y	62.506	62.506	4.021	6.031
553	BM32	Y	62.506	62.506	6.031	8.042
554	BM32	Y	62.506	62.506	8.042	10.052
555	BM32	Y	62.506	62.506	10.052	12.063
556	BM32	Y	62.506	62.506	12.063	14.073
557	BM32	Y	62.506	62.506	14.073	16.084
558	BM32	Y	62.506	62.506	16.084	18.094
559	BM32	Y	62.506	62.506	18.094	20.104
560	BM32	Y	62.506	62.506	20.104	22.115
561	BM32	Y	62.506	62.506	22.115	24.125
562	BM32	Y	62.506	62.506	24.125	26.136
563	BM32	Y	62.506	62.431	26.136	28.146
564	BM32	Y	62.431	62.174	28.146	30.157
565	BM32	Y	62.174	61.809	30.157	32.167
566	BM44	Y	62.502	62.502	0.017	32.162
567	BM47	Y	61.809	62.174	0	2.01
568	BM47	Y	62.174	62.431	2.01	4.021
569	BM47	Y	62.431	62.506	4.021	6.031
570	BM47	Y	62.506	62.506	6.031	8.042
571	BM47	Y	62.506	62.506	8.042	10.052
572	BM47	Y	62.506	62.506	10.052	12.063
573	BM47	Y	62.506	62.506	12.063	14.073
574	BM47	Y	62.506	62.506	14.073	16.084
575	BM47	Y	62.506	62.506	16.084	18.094
576	BM47	Y	62.506	62.506	18.094	20.104
577	BM47	Y	62.506	62.506	20.104	22.115
578	BM47	Y	62.506	62.506	22.115	24.125
579	BM47	Y	62.506	62.506	24.125	26.136
580	BM47	Y	62.506	62.506	26.136	28.146
581	BM47	Y	62.506	62.506	28.146	30.157
582	BM47	Y	62.506	62.506	30.157	32.167
583	M673	Y	62.5	62.5	1.742e-12	27.515
584	M677	Y	62.5	62.5	2.91e-12	27.515
585	M684	Y	116.058	116.058	0	2.117
586	M684	Y	116.058	116.058	2.117	4.233
587	M684	Y	116.058	145.076	4.233	6.35
588	M684	Y	145.076	145.076	6.35	8.466
589	M684	Y	145.076	116.058	8.466	10.583
590	M684	Y	116.058	116.058	10.583	12.699
591	M684	Y	116.058	116.058	12.699	14.816
592	M684	Y	116.058	116.058	14.816	16.932
593	M684	Y	116.058	145.076	16.932	19.049
594	M684	Y	145.076	145.076	19.049	21.165
595	M684	Y	145.076	116.201	21.165	23.282
596	M684	Y	116.201	116.69	23.282	25.398
597	M684	Y	116.69	117.384	25.398	27.515
598	BM10	Y	62.506	62.506	0	2.01
599	BM10	Y	62.506	62.506	2.01	4.021
600	BM10	Y	62.506	62.506	4.021	6.031
601	BM10	Y	62.506	62.506	6.031	8.042
602	BM10	Y	62.506	62.506	8.042	10.052
603	BM10	Y	62.506	62.506	10.052	12.063
604	BM10	Y	62.506	62.506	12.063	14.073
605	BM10	Y	62.506	62.506	14.073	16.084

Member Distributed Loads (BLC 53 : BLC 19 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
606	BM10	Y	62.506	62.506	16.084	18.094
607	BM10	Y	62.506	62.506	18.094	20.104
608	BM10	Y	62.506	62.506	20.104	22.115
609	BM10	Y	62.506	62.506	22.115	24.125
610	BM10	Y	62.506	62.506	24.125	26.136
611	BM10	Y	62.506	62.431	26.136	28.146
612	BM10	Y	62.431	62.174	28.146	30.157
613	BM10	Y	62.174	61.809	30.157	32.167
614	BM32	Y	62.502	62.502	0.005	32.15
615	BM41	Y	117.384	116.69	0	2.117
616	BM41	Y	116.69	116.201	2.117	4.233
617	BM41	Y	116.201	145.076	4.233	6.35
618	BM41	Y	145.076	145.076	6.35	8.466
619	BM41	Y	145.076	116.058	8.466	10.583
620	BM41	Y	116.058	116.058	10.583	12.699
621	BM41	Y	116.058	116.058	12.699	14.816
622	BM41	Y	116.058	116.058	14.816	16.932
623	BM41	Y	116.058	145.076	16.932	19.049
624	BM41	Y	145.076	145.076	19.049	21.165
625	BM41	Y	145.076	116.058	21.165	23.282
626	BM41	Y	116.058	116.058	23.282	25.398
627	BM41	Y	116.058	116.058	25.398	27.515
628	BM44	Y	61.809	62.174	0	2.01
629	BM44	Y	62.174	62.431	2.01	4.021
630	BM44	Y	62.431	62.506	4.021	6.031
631	BM44	Y	62.506	62.506	6.031	8.042
632	BM44	Y	62.506	62.506	8.042	10.052
633	BM44	Y	62.506	62.506	10.052	12.063
634	BM44	Y	62.506	62.506	12.063	14.073
635	BM44	Y	62.506	62.506	14.073	16.084
636	BM44	Y	62.506	62.506	16.084	18.094
637	BM44	Y	62.506	62.506	18.094	20.104
638	BM44	Y	62.506	62.506	20.104	22.115
639	BM44	Y	62.506	62.506	22.115	24.125
640	BM44	Y	62.506	62.506	24.125	26.136
641	BM44	Y	62.506	62.506	26.136	28.146
642	BM44	Y	62.506	62.506	28.146	30.157
643	BM44	Y	62.506	62.506	30.157	32.167
644	BM46	Y	62.502	62.502	0.017	32.162
645	M677	Y	62.5	62.5	1.65e-12	27.515
646	M685	Y	62.5	62.5	3.032e-12	27.515
647	M686	Y	116.058	116.058	0	2.117
648	M686	Y	116.058	116.058	2.117	4.233
649	M686	Y	116.058	145.076	4.233	6.35
650	M686	Y	145.076	145.076	6.35	8.466
651	M686	Y	145.076	116.058	8.466	10.583
652	M686	Y	116.058	116.058	10.583	12.699
653	M686	Y	116.058	116.058	12.699	14.816
654	M686	Y	116.058	116.058	14.816	16.932
655	M686	Y	116.058	145.076	16.932	19.049
656	M686	Y	145.076	145.076	19.049	21.165
657	M686	Y	145.076	116.201	21.165	23.282
658	M686	Y	116.201	116.69	23.282	25.398
659	M686	Y	116.69	117.384	25.398	27.515
660	BM11	Y	122.674	122.674	0	2.01
661	BM11	Y	122.674	122.674	2.01	4.021
662	BM11	Y	122.674	122.674	4.021	6.031
663	BM11	Y	122.674	122.674	6.031	8.042
664	BM11	Y	122.674	122.674	8.042	10.052
665	BM11	Y	122.674	122.755	10.052	12.063
666	BM11	Y	122.755	122.985	12.063	14.073
667	BM11	Y	122.985	123.279	14.073	16.084
668	BM11	Y	123.279	123.59	16.084	18.094
669	BM11	Y	123.59	123.824	18.094	20.104
670	BM11	Y	123.824	123.908	20.104	22.115
671	BM11	Y	123.908	123.942	22.115	24.125
672	BM11	Y	123.942	123.95	24.125	26.136
673	BM11	Y	123.95	123.837	26.136	28.146

Member Distributed Loads (BLC 53 : BLC 19 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
674	BM11	Y	123.837	123.481	28.146	30.157
675	BM11	Y	123.481	122.979	30.157	32.167
676	BM38	Y	116.66	115.773	0	2.117
677	BM38	Y	115.773	115.018	2.117	4.233
678	BM38	Y	115.018	133.683	4.233	6.35
679	BM38	Y	133.683	140.343	6.35	8.466
680	BM38	Y	140.343	123.347	8.466	10.583
681	BM38	Y	123.347	116.346	10.583	12.699
682	BM38	Y	116.346	114.023	12.699	14.816
683	BM38	Y	114.023	114.023	14.816	16.932
684	BM38	Y	114.023	130.875	16.932	19.049
685	BM38	Y	130.875	142.533	19.049	21.165
686	BM38	Y	142.533	125.68	21.165	23.282
687	BM38	Y	125.68	114.023	23.282	25.398
688	BM38	Y	114.023	114.023	25.398	27.515
689	BM43	Y	61.057	61.411	0	2.01
690	BM43	Y	61.411	61.598	2.01	4.021
691	BM43	Y	61.598	61.587	4.021	6.031
692	BM43	Y	61.587	61.578	6.031	8.042
693	BM43	Y	61.578	61.581	8.042	10.052
694	BM43	Y	61.581	61.495	10.052	12.063
695	BM43	Y	61.495	61.225	12.063	14.073
696	BM43	Y	61.225	60.874	14.073	16.084
697	BM43	Y	60.874	60.537	16.084	18.094
698	BM43	Y	60.537	60.265	18.094	20.104
699	BM43	Y	60.265	60.172	20.104	22.115
700	BM43	Y	60.172	60.172	22.115	24.125
701	BM43	Y	60.172	60.172	24.125	26.136
702	BM43	Y	60.172	60.172	26.136	28.146
703	BM43	Y	60.172	60.172	28.146	30.157
704	BM43	Y	60.172	60.172	30.157	32.167
705	EDGE10	Y	56.404	56.404	0	2.085
706	EDGE10	Y	56.404	56.404	2.085	4.17
707	EDGE10	Y	56.404	70.468	4.17	6.255
708	EDGE10	Y	70.468	70.468	6.255	8.341
709	EDGE10	Y	70.468	56.404	8.341	10.426
710	EDGE10	Y	56.404	56.404	10.426	12.511
711	EDGE10	Y	56.404	56.404	12.511	14.596
712	EDGE10	Y	56.404	56.404	14.596	16.681
713	EDGE10	Y	56.404	66.938	16.681	18.766
714	EDGE10	Y	66.938	70.468	18.766	20.851
715	EDGE10	Y	70.468	59.933	20.851	22.937
716	EDGE10	Y	59.933	52.874	22.937	25.022
717	EDGE29	Y	56.404	56.404	0	2.085
718	EDGE29	Y	56.404	56.404	2.085	4.17
719	EDGE29	Y	56.404	70.468	4.17	6.255
720	EDGE29	Y	70.468	70.468	6.255	8.341
721	EDGE29	Y	70.468	56.404	8.341	10.426
722	EDGE29	Y	56.404	56.404	10.426	12.511
723	EDGE29	Y	56.404	56.404	12.511	14.596
724	EDGE29	Y	56.404	56.404	14.596	16.681
725	EDGE29	Y	56.404	66.938	16.681	18.766
726	EDGE29	Y	66.938	70.468	18.766	20.851
727	EDGE29	Y	70.468	59.933	20.851	22.937
728	EDGE29	Y	59.933	52.874	22.937	25.022
729	EDGE30	Y	61.467	63.431	0	2.127
730	EDGE30	Y	63.431	64.224	2.127	4.254
731	EDGE30	Y	64.224	60.366	4.254	6.381
732	EDGE30	Y	60.366	56.538	6.381	8.507
733	EDGE30	Y	56.538	56.243	8.507	10.634
734	EDGE30	Y	56.243	56.079	10.634	12.761
735	EDGE30	Y	56.079	64.245	12.761	14.888
736	EDGE30	Y	64.245	70.053	14.888	17.015
737	EDGE30	Y	70.053	61.859	17.015	19.142
738	EDGE30	Y	61.859	56.051	19.142	21.269
739	EDGE30	Y	56.051	56.051	21.269	23.395
740	EDGE31	Y	56.249	56.249	0	2.085
741	EDGE31	Y	56.249	56.249	2.085	4.17

Member Distributed Loads (BLC 53 : BLC 19 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
742	EDGE31	Y	56.249	62.101	4.17	6.255
743	EDGE31	Y	62.101	68.175	6.255	8.341
744	EDGE31	Y	68.175	65.147	8.341	10.426
745	EDGE31	Y	65.147	59.799	10.426	12.511
746	EDGE31	Y	59.799	58.106	12.511	14.596
747	EDGE31	Y	58.106	58.886	14.596	16.681
748	EDGE31	Y	58.886	63.95	16.681	18.766
749	EDGE31	Y	63.95	62.3	18.766	20.851
750	EDGE31	Y	62.3	56.131	20.851	22.937
751	EDGE31	Y	56.131	56.472	22.937	25.022
752	EDGE43	Y	56.108	56.108	0	2.127
753	EDGE43	Y	56.108	60.751	2.127	4.254
754	EDGE43	Y	60.751	70.11	4.254	6.381
755	EDGE43	Y	70.11	65.467	6.381	8.507
756	EDGE43	Y	65.467	56.131	8.507	10.634
757	EDGE43	Y	56.131	56.268	10.634	12.761
758	EDGE43	Y	56.268	56.521	12.761	14.888
759	EDGE43	Y	56.521	61.486	14.888	17.015
760	EDGE43	Y	61.486	65.31	17.015	19.142
761	EDGE43	Y	65.31	62.07	19.142	21.269
762	EDGE43	Y	62.07	57.594	21.269	23.395
763	EDGE44	Y	56.229	56.229	0	2.085
764	EDGE44	Y	56.229	56.229	2.085	4.17
765	EDGE44	Y	56.229	62.071	4.17	6.255
766	EDGE44	Y	62.071	68.045	6.255	8.341
767	EDGE44	Y	68.045	65.191	8.341	10.426
768	EDGE44	Y	65.191	60.532	10.426	12.511
769	EDGE44	Y	60.532	59.645	12.511	14.596
770	EDGE44	Y	59.645	61.394	14.596	16.681
771	EDGE44	Y	61.394	59.232	16.681	18.766
772	EDGE44	Y	59.232	57.119	18.766	20.851
773	EDGE44	Y	57.119	58.801	20.851	22.937
774	EDGE44	Y	58.801	60.143	22.937	25.022
775	M687	Y	56.004	56.004	0	2.117
776	M687	Y	56.004	56.004	2.117	4.233
777	M687	Y	56.004	70.005	4.233	6.35
778	M687	Y	70.005	70.005	6.35	8.466
779	M687	Y	70.005	56.004	8.466	10.583
780	M687	Y	56.004	56.004	10.583	12.699
781	M687	Y	56.004	56.004	12.699	14.816
782	M687	Y	56.004	56.004	14.816	16.932
783	M687	Y	56.004	70.005	16.932	19.049
784	M687	Y	70.005	70.005	19.049	21.165
785	M687	Y	70.005	56.004	21.165	23.282
786	M687	Y	56.004	56.004	23.282	25.398
787	M687	Y	56.004	56.004	25.398	27.515
788	M688	Y	114.022	114.022	0	2.117
789	M688	Y	114.022	125.68	2.117	4.233
790	M688	Y	125.68	142.532	4.233	6.35
791	M688	Y	142.532	130.875	6.35	8.466
792	M688	Y	130.875	114.022	8.466	10.583
793	M688	Y	114.022	114.022	10.583	12.699
794	M688	Y	114.022	116.346	12.699	14.816
795	M688	Y	116.346	123.34	14.816	16.932
796	M688	Y	123.34	140.212	16.932	19.049
797	M688	Y	140.212	133.364	19.049	21.165
798	M688	Y	133.364	114.691	21.165	23.282
799	M688	Y	114.691	115.52	23.282	25.398
800	M688	Y	115.52	116.424	25.398	27.515
801	DIAPH227	Y	72.813	72.813	0	8.257
802	EDGE12	Y	66.875	66.875	0	8.257
803	EDGE43	Y	5.937	5.937	0	8.257
804	BM10	Y	62.502	62.502	0.005	32.15
805	BM43	Y	62.502	62.502	0.017	32.162
806	BM46	Y	61.809	62.174	0	2.01
807	BM46	Y	62.174	62.431	2.01	4.021
808	BM46	Y	62.431	62.506	4.021	6.031
809	BM46	Y	62.506	62.506	6.031	8.042

Member Distributed Loads (BLC 53 : BLC 19 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
810	BM46	Y	62.506	62.506	8.042	10.052
811	BM46	Y	62.506	62.506	10.052	12.063
812	BM46	Y	62.506	62.506	12.063	14.073
813	BM46	Y	62.506	62.506	14.073	16.084
814	BM46	Y	62.506	62.506	16.084	18.094
815	BM46	Y	62.506	62.506	18.094	20.104
816	BM46	Y	62.506	62.506	20.104	22.115
817	BM46	Y	62.506	62.506	22.115	24.125
818	BM46	Y	62.506	62.506	24.125	26.136
819	BM46	Y	62.506	62.506	26.136	28.146
820	BM46	Y	62.506	62.506	28.146	30.157
821	BM46	Y	62.506	62.506	30.157	32.167
822	M685	Y	62.5	62.5	1.686e-12	27.515
823	M687	Y	62.5	62.5	3.012e-12	27.515
824	CANOPY10	Y	-47.8	-47.8	6.106e-16	13.333
825	CANOPY13	Y	-47.8	-47.8	1.432e-14	25
826	CANOPY18	Y	-47.8	-47.8	9.492e-15	7.667
827	CANOPY21	Y	-47.8	-47.8	9.603e-15	13.333
828	CANOPY28	Y	-47.8	-47.8	1.221e-15	25
829	CANOPY32	Y	-47.8	-47.8	1.432e-14	25
830	CANOPY33	Y	-47.8	-47.8	1.221e-15	25
831	CANOPY34	Y	-47.8	-47.8	1.005e-14	7.667
832	M678	Y	-47.8	-47.8	6.939e-15	13.333
833	M680	Y	-47.8	-47.8	7.605e-15	13.333
834	M698	Y	-47.8	-47.8	0	4.25
835	M699	Y	-47.8	-47.8	3.331e-16	4.25
836	M712	Y	-47.8	-47.8	1.432e-14	25
837	M713	Y	-47.8	-47.8	1.51e-14	25
838	M702	Y	-47.8	-47.8	0	25
839	M703	Y	-47.8	-47.8	3.331e-16	25
840	M710	Y	-47.8	-47.8	1.898e-14	25
841	M711	Y	-47.8	-47.8	1.898e-14	25
842	M706	Y	-47.8	-47.8	1.221e-15	25
843	M707	Y	-47.8	-47.8	1.221e-15	25

Member Distributed Loads (BLC 54 : BLC 20 Transient Area Loads)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	BM39	Y	136.949	136.949	14.816	16.932
2	BM39	Y	136.949	171.19	16.932	19.049
3	BM39	Y	171.19	171.19	19.049	21.165
4	BM39	Y	171.19	136.949	21.165	23.282
5	BM39	Y	136.949	136.949	23.282	25.398
6	BM39	Y	136.949	136.949	25.398	27.515
7	BM40	Y	129.131	128.397	0	2.117
8	BM40	Y	128.397	127.868	2.117	4.233
9	BM40	Y	127.868	159.635	4.233	6.35
10	BM40	Y	159.635	159.635	6.35	8.466
11	BM40	Y	159.635	127.705	8.466	10.583
12	BM40	Y	127.705	127.705	10.583	12.699
13	BM40	Y	127.705	127.705	12.699	14.816
14	BM40	Y	127.705	127.705	14.816	16.932
15	BM40	Y	127.705	159.635	16.932	19.049
16	BM40	Y	159.635	159.635	19.049	21.165
17	BM40	Y	159.635	127.705	21.165	23.282
18	BM40	Y	127.705	127.705	23.282	25.398
19	BM40	Y	127.705	127.705	25.398	27.515
20	BM41	Y	138.513	137.694	0	2.117
21	BM41	Y	137.694	137.117	2.117	4.233
22	BM41	Y	137.117	171.19	4.233	6.35
23	BM41	Y	171.19	171.19	6.35	8.466
24	BM41	Y	171.19	136.949	8.466	10.583
25	BM41	Y	136.949	136.949	10.583	12.699
26	BM41	Y	136.949	136.949	12.699	14.816
27	BM41	Y	136.949	136.949	14.816	16.932
28	BM41	Y	136.949	171.19	16.932	19.049
29	BM41	Y	171.19	171.19	19.049	21.165
30	BM41	Y	171.19	136.949	21.165	23.282
31	BM41	Y	136.949	136.949	23.282	25.398

Member Distributed Loads (BLC 54 : BLC 20 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
32	BM41	Y	136.949	136.949	25.398	27.515
33	BM42	Y	147.505	147.505	0.017	32.162
34	BM43	Y	144.975	145.828	0	2.01
35	BM43	Y	145.828	146.355	2.01	4.021
36	BM43	Y	146.355	146.43	4.021	6.031
37	BM43	Y	146.43	146.419	6.031	8.042
38	BM43	Y	146.419	146.423	8.042	10.052
39	BM43	Y	146.423	146.321	10.052	12.063
40	BM43	Y	146.321	146.002	12.063	14.073
41	BM43	Y	146.002	145.588	14.073	16.084
42	BM43	Y	145.588	145.19	16.084	18.094
43	BM43	Y	145.19	144.869	18.094	20.104
44	BM43	Y	144.869	144.76	20.104	22.115
45	BM43	Y	144.76	144.76	22.115	24.125
46	BM43	Y	144.76	144.76	24.125	26.136
47	BM43	Y	144.76	144.76	26.136	28.146
48	BM43	Y	144.76	144.76	28.146	30.157
49	BM43	Y	144.76	144.76	30.157	32.167
50	BM44	Y	147.505	147.505	0.017	32.162
51	BM45	Y	136.082	136.832	0	2.01
52	BM45	Y	136.832	137.381	2.01	4.021
53	BM45	Y	137.381	137.555	4.021	6.031
54	BM45	Y	137.555	137.555	6.031	8.042
55	BM45	Y	137.555	137.555	8.042	10.052
56	BM45	Y	137.555	137.555	10.052	12.063
57	BM45	Y	137.555	137.555	12.063	14.073
58	BM45	Y	137.555	137.555	14.073	16.084
59	BM45	Y	137.555	137.555	16.084	18.094
60	BM45	Y	137.555	137.555	18.094	20.104
61	BM45	Y	137.555	137.555	20.104	22.115
62	BM45	Y	137.555	137.555	22.115	24.125
63	BM45	Y	137.555	137.555	24.125	26.136
64	BM45	Y	137.555	137.555	26.136	28.146
65	BM45	Y	137.555	137.555	28.146	30.157
66	BM45	Y	137.555	137.555	30.157	32.167
67	BM46	Y	147.505	147.505	0.017	32.162
68	BM47	Y	147.505	147.505	0.017	32.162
69	BM48	Y	97.195	97.66	0	2.01
70	BM48	Y	97.66	98.129	2.01	4.021
71	BM48	Y	98.129	98.666	4.021	6.031
72	BM48	Y	98.666	99.403	6.031	8.042
73	BM48	Y	99.403	100.187	8.042	10.052
74	BM48	Y	100.187	100.412	10.052	12.063
75	BM48	Y	100.412	99.872	12.063	14.073
76	BM48	Y	99.872	99.166	14.073	16.084
77	BM48	Y	99.166	98.659	16.084	18.094
78	BM48	Y	98.659	98.329	18.094	20.104
79	BM48	Y	98.329	98.21	20.104	22.115
80	BM48	Y	98.21	98.201	22.115	24.125
81	BM48	Y	98.201	98.201	24.125	26.136
82	BM48	Y	98.201	98.201	26.136	28.146
83	BM48	Y	98.201	98.201	28.146	30.157
84	BM48	Y	98.201	98.201	30.157	32.167
85	EDGE10	Y	66.556	66.556	0	2.085
86	EDGE10	Y	66.556	66.556	2.085	4.17
87	EDGE10	Y	66.556	83.152	4.17	6.255
88	EDGE10	Y	83.152	83.152	6.255	8.341
89	EDGE10	Y	83.152	66.556	8.341	10.426
90	EDGE10	Y	66.556	66.556	10.426	12.511
91	EDGE10	Y	66.556	66.556	12.511	14.596
92	EDGE10	Y	66.556	66.556	14.596	16.681
93	EDGE10	Y	66.556	78.987	16.681	18.766
94	EDGE10	Y	78.987	83.152	18.766	20.851
95	EDGE10	Y	83.152	70.721	20.851	22.937
96	EDGE10	Y	70.721	62.391	22.937	25.022
97	EDGE17	Y	32.684	36.126	0	2.127
98	EDGE17	Y	36.126	36.952	2.127	4.254
99	EDGE17	Y	36.952	34.495	4.254	6.381

Member Distributed Loads (BLC 54 : BLC 20 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
100	EDGE17	Y	34.495	32.719	6.381	8.507
101	EDGE17	Y	32.719	32.361	8.507	10.634
102	EDGE17	Y	32.361	32.158	10.634	12.761
103	EDGE17	Y	32.158	36.118	12.761	14.888
104	EDGE17	Y	36.118	40.105	14.888	17.015
105	EDGE17	Y	40.105	36.087	17.015	19.142
106	EDGE17	Y	36.087	32.1	19.142	21.269
107	EDGE17	Y	32.1	32.1	21.269	23.395
108	EDGE29	Y	66.556	66.556	0	2.085
109	EDGE29	Y	66.556	66.556	2.085	4.17
110	EDGE29	Y	66.556	83.152	4.17	6.255
111	EDGE29	Y	83.152	83.152	6.255	8.341
112	EDGE29	Y	83.152	66.556	8.341	10.426
113	EDGE29	Y	66.556	66.556	10.426	12.511
114	EDGE29	Y	66.556	66.556	12.511	14.596
115	EDGE29	Y	66.556	66.556	14.596	16.681
116	EDGE29	Y	66.556	78.987	16.681	18.766
117	EDGE29	Y	78.987	83.152	18.766	20.851
118	EDGE29	Y	83.152	70.721	20.851	22.937
119	EDGE29	Y	70.721	62.391	22.937	25.022
120	EDGE30	Y	72.53	74.849	0	2.127
121	EDGE30	Y	74.849	75.785	2.127	4.254
122	EDGE30	Y	75.785	71.232	4.254	6.381
123	EDGE30	Y	71.232	66.715	6.381	8.507
124	EDGE30	Y	66.715	66.367	8.507	10.634
125	EDGE30	Y	66.367	66.173	10.634	12.761
126	EDGE30	Y	66.173	75.809	12.761	14.888
127	EDGE30	Y	75.809	82.662	14.888	17.015
128	EDGE30	Y	82.662	72.993	17.015	19.142
129	EDGE30	Y	72.993	66.14	19.142	21.269
130	EDGE30	Y	66.14	66.14	21.269	23.395
131	EDGE31	Y	66.374	66.374	0	2.085
132	EDGE31	Y	66.374	66.374	2.085	4.17
133	EDGE31	Y	66.374	73.28	4.17	6.255
134	EDGE31	Y	73.28	80.446	6.255	8.341
135	EDGE31	Y	80.446	76.873	8.341	10.426
136	EDGE31	Y	76.873	70.563	10.426	12.511
137	EDGE31	Y	70.563	68.565	12.511	14.596
138	EDGE31	Y	68.565	69.485	14.596	16.681
139	EDGE31	Y	69.485	75.461	16.681	18.766
140	EDGE31	Y	75.461	73.514	18.766	20.851
141	EDGE31	Y	73.514	66.235	20.851	22.937
142	EDGE31	Y	66.235	66.637	22.937	25.022
143	EDGE32	Y	32.267	32.267	0	2.085
144	EDGE32	Y	32.267	32.267	2.085	4.17
145	EDGE32	Y	32.267	40.308	4.17	6.255
146	EDGE32	Y	40.308	40.308	6.255	8.341
147	EDGE32	Y	40.308	32.267	8.341	10.426
148	EDGE32	Y	32.267	32.267	10.426	12.511
149	EDGE32	Y	32.267	32.267	12.511	14.596
150	EDGE32	Y	32.267	32.267	14.596	16.681
151	EDGE32	Y	32.267	37.627	16.681	18.766
152	EDGE32	Y	37.627	40.49	18.766	20.851
153	EDGE32	Y	40.49	35.54	20.851	22.937
154	EDGE32	Y	35.54	30.631	22.937	25.022
155	EDGE33	Y	33.269	34.244	0	2.085
156	EDGE33	Y	34.244	33.315	2.085	4.17
157	EDGE33	Y	33.315	34.121	4.17	6.255
158	EDGE33	Y	34.121	35.815	6.255	8.341
159	EDGE33	Y	35.815	34.828	8.341	10.426
160	EDGE33	Y	34.828	33.928	10.426	12.511
161	EDGE33	Y	33.928	33.186	12.511	14.596
162	EDGE33	Y	33.186	32.714	14.596	16.681
163	EDGE33	Y	32.714	35.218	16.681	18.766
164	EDGE33	Y	35.218	36.75	18.766	20.851
165	EDGE33	Y	36.75	34.386	20.851	22.937
166	EDGE33	Y	34.386	31.948	22.937	25.022
167	EDGE43	Y	66.208	66.208	0	2.127

Member Distributed Loads (BLC 54 : BLC 20 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
168	EDGE43	Y	66.208	71.686	2.127	4.254
169	EDGE43	Y	71.686	82.729	4.254	6.381
170	EDGE43	Y	82.729	77.251	6.381	8.507
171	EDGE43	Y	77.251	66.235	8.507	10.634
172	EDGE43	Y	66.235	66.397	10.634	12.761
173	EDGE43	Y	66.397	66.695	12.761	14.888
174	EDGE43	Y	66.695	72.554	14.888	17.015
175	EDGE43	Y	72.554	77.066	17.015	19.142
176	EDGE43	Y	77.066	73.242	19.142	21.269
177	EDGE43	Y	73.242	67.961	21.269	23.395
178	EDGE44	Y	66.35	66.35	0	2.085
179	EDGE44	Y	66.35	66.35	2.085	4.17
180	EDGE44	Y	66.35	73.243	4.17	6.255
181	EDGE44	Y	73.243	80.293	6.255	8.341
182	EDGE44	Y	80.293	76.925	8.341	10.426
183	EDGE44	Y	76.925	71.428	10.426	12.511
184	EDGE44	Y	71.428	70.381	12.511	14.596
185	EDGE44	Y	70.381	72.445	14.596	16.681
186	EDGE44	Y	72.445	69.894	16.681	18.766
187	EDGE44	Y	69.894	67.4	18.766	20.851
188	EDGE44	Y	67.4	69.386	20.851	22.937
189	EDGE44	Y	69.386	70.968	22.937	25.022
190	EDGE45	Y	32.099	32.099	0	2.127
191	EDGE45	Y	32.099	36.086	2.127	4.254
192	EDGE45	Y	36.086	40.104	4.254	6.381
193	EDGE45	Y	40.104	36.117	6.381	8.507
194	EDGE45	Y	36.117	32.141	8.507	10.634
195	EDGE45	Y	32.141	32.346	10.634	12.761
196	EDGE45	Y	32.346	32.732	12.761	14.888
197	EDGE45	Y	32.732	34.481	14.888	17.015
198	EDGE45	Y	34.481	36.924	17.015	19.142
199	EDGE45	Y	36.924	36.146	19.142	21.269
200	EDGE45	Y	36.146	32.755	21.269	23.395
201	EDGE46	Y	32.277	32.277	0	2.085
202	EDGE46	Y	32.277	32.277	2.085	4.17
203	EDGE46	Y	32.277	40.318	4.17	6.255
204	EDGE46	Y	40.318	40.318	6.255	8.341
205	EDGE46	Y	40.318	32.277	8.341	10.426
206	EDGE46	Y	32.277	32.277	10.426	12.511
207	EDGE46	Y	32.277	32.277	12.511	14.596
208	EDGE46	Y	32.277	32.277	14.596	16.681
209	EDGE46	Y	32.277	37.628	16.681	18.766
210	EDGE46	Y	37.628	40.318	18.766	20.851
211	EDGE46	Y	40.318	34.967	20.851	22.937
212	EDGE46	Y	34.967	29.587	22.937	25.022
213	EDGE47	Y	32.216	32.216	0	2.085
214	EDGE47	Y	32.216	32.216	2.085	4.17
215	EDGE47	Y	32.216	36.226	4.17	6.255
216	EDGE47	Y	36.226	38.911	6.255	8.341
217	EDGE47	Y	38.911	36.262	8.341	10.426
218	EDGE47	Y	36.262	33.608	10.426	12.511
219	EDGE47	Y	33.608	32.278	12.511	14.596
220	EDGE47	Y	32.278	32.314	14.596	16.681
221	EDGE47	Y	32.314	35.109	16.681	18.766
222	EDGE47	Y	35.109	36.738	18.766	20.851
223	EDGE47	Y	36.738	34.384	20.851	22.937
224	EDGE47	Y	34.384	31.939	22.937	25.022
225	M673	Y	147.5	147.5	2.987e-12	27.515
226	M674	Y	136.949	136.949	0	2.117
227	M674	Y	136.949	136.949	2.117	4.233
228	M674	Y	136.949	171.19	4.233	6.35
229	M674	Y	171.19	171.19	6.35	8.466
230	M674	Y	171.19	136.949	8.466	10.583
231	M674	Y	136.949	136.949	10.583	12.699
232	M674	Y	136.949	136.949	12.699	14.816
233	M674	Y	136.949	136.949	14.816	16.932
234	M674	Y	136.949	171.19	16.932	19.049
235	M674	Y	171.19	171.19	19.049	21.165

Member Distributed Loads (BLC 54 : BLC 20 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
236	M674	Y	171.19	137.117	21.165	23.282
237	M674	Y	137.117	137.694	23.282	25.398
238	M674	Y	137.694	138.513	25.398	27.515
239	M675	Y	91.258	91.258	0	2.117
240	M675	Y	91.258	91.258	2.117	4.233
241	M675	Y	91.258	114.072	4.233	6.35
242	M675	Y	114.072	114.072	6.35	8.466
243	M675	Y	114.072	91.258	8.466	10.583
244	M675	Y	91.258	91.258	10.583	12.699
245	M675	Y	91.258	91.258	12.699	14.816
246	M675	Y	91.258	91.258	14.816	16.932
247	M675	Y	91.258	114.072	16.932	19.049
248	M675	Y	114.072	114.072	19.049	21.165
249	M675	Y	114.072	91.258	21.165	23.282
250	M675	Y	91.258	91.258	23.282	25.398
251	M675	Y	91.258	91.258	25.398	27.515
252	M676	Y	91.25	91.25	0	2.117
253	M676	Y	91.25	97.915	2.117	4.233
254	M676	Y	97.915	114.064	4.233	6.35
255	M676	Y	114.064	107.399	6.35	8.466
256	M676	Y	107.399	91.25	8.466	10.583
257	M676	Y	91.25	91.25	10.583	12.699
258	M676	Y	91.25	92.578	12.699	14.816
259	M676	Y	92.578	96.577	14.816	16.932
260	M676	Y	96.577	112.736	16.932	19.049
261	M676	Y	112.736	108.741	19.049	21.165
262	M676	Y	108.741	91.364	21.165	23.282
263	M676	Y	91.364	91.675	23.282	25.398
264	M676	Y	91.675	92.087	25.398	27.515
265	M677	Y	147.5	147.5	2.979e-12	27.515
266	M684	Y	136.949	136.949	0	2.117
267	M684	Y	136.949	136.949	2.117	4.233
268	M684	Y	136.949	171.19	4.233	6.35
269	M684	Y	171.19	171.19	6.35	8.466
270	M684	Y	171.19	136.949	8.466	10.583
271	M684	Y	136.949	136.949	10.583	12.699
272	M684	Y	136.949	136.949	12.699	14.816
273	M684	Y	136.949	136.949	14.816	16.932
274	M684	Y	136.949	171.19	16.932	19.049
275	M684	Y	171.19	171.19	19.049	21.165
276	M684	Y	171.19	137.117	21.165	23.282
277	M684	Y	137.117	137.694	23.282	25.398
278	M684	Y	137.694	138.513	25.398	27.515
279	M685	Y	147.5	147.5	2.986e-12	27.515
280	M686	Y	136.949	136.949	0	2.117
281	M686	Y	136.949	136.949	2.117	4.233
282	M686	Y	136.949	171.19	4.233	6.35
283	M686	Y	171.19	171.19	6.35	8.466
284	M686	Y	171.19	136.949	8.466	10.583
285	M686	Y	136.949	136.949	10.583	12.699
286	M686	Y	136.949	136.949	12.699	14.816
287	M686	Y	136.949	136.949	14.816	16.932
288	M686	Y	136.949	171.19	16.932	19.049
289	M686	Y	171.19	171.19	19.049	21.165
290	M686	Y	171.19	137.117	21.165	23.282
291	M686	Y	137.117	137.694	23.282	25.398
292	M686	Y	137.694	138.513	25.398	27.515
293	M687	Y	134.567	134.567	0	2.117
294	M687	Y	134.567	134.567	2.117	4.233
295	M687	Y	134.567	168.209	4.233	6.35
296	M687	Y	168.209	168.209	6.35	8.466
297	M687	Y	168.209	134.567	8.466	10.583
298	M687	Y	134.567	134.567	10.583	12.699
299	M687	Y	134.567	134.567	12.699	14.816
300	M687	Y	134.567	134.567	14.816	16.932
301	M687	Y	134.567	168.209	16.932	19.049
302	M687	Y	168.209	168.209	19.049	21.165
303	M687	Y	168.209	134.567	21.165	23.282

Member Distributed Loads (BLC 54 : BLC 20 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
304	M687	Y	134.567	134.567	23.282	25.398
305	M687	Y	134.567	134.567	25.398	27.515
306	M688	Y	134.546	134.546	0	2.117
307	M688	Y	134.546	148.302	2.117	4.233
308	M688	Y	148.302	168.188	4.233	6.35
309	M688	Y	168.188	154.432	6.35	8.466
310	M688	Y	154.432	134.546	8.466	10.583
311	M688	Y	134.546	134.546	10.583	12.699
312	M688	Y	134.546	137.288	12.699	14.816
313	M688	Y	137.288	145.542	14.816	16.932
314	M688	Y	145.542	165.45	16.932	19.049
315	M688	Y	165.45	157.369	19.049	21.165
316	M688	Y	157.369	135.336	21.165	23.282
317	M688	Y	135.336	136.314	23.282	25.398
318	M688	Y	136.314	137.38	25.398	27.515
319	M689	Y	147.5	147.5	2.939e-12	27.515
320	M690	Y	136.949	136.949	0	2.117
321	M690	Y	136.949	136.949	2.117	4.233
322	M690	Y	136.949	171.19	4.233	6.35
323	M690	Y	171.19	171.19	6.35	8.466
324	M690	Y	171.19	136.949	8.466	10.583
325	M690	Y	136.949	136.949	10.583	12.699
326	M690	Y	136.949	136.949	12.699	14.816
327	M690	Y	136.949	136.949	14.816	16.932
328	M690	Y	136.949	171.19	16.932	19.049
329	M690	Y	171.19	171.19	19.049	21.165
330	M690	Y	171.19	137.117	21.165	23.282
331	M690	Y	137.117	137.694	23.282	25.398
332	M690	Y	137.694	138.513	25.398	27.515
333	M691	Y	147.5	147.5	2.771e-12	27.515
334	M692	Y	136.949	136.949	0	2.117
335	M692	Y	136.949	136.949	2.117	4.233
336	M692	Y	136.949	171.19	4.233	6.35
337	M692	Y	171.19	171.19	6.35	8.466
338	M692	Y	171.19	136.949	8.466	10.583
339	M692	Y	136.949	136.949	10.583	12.699
340	M692	Y	136.949	136.949	12.699	14.816
341	M692	Y	136.949	136.949	14.816	16.932
342	M692	Y	136.949	171.19	16.932	19.049
343	M692	Y	171.19	171.19	19.049	21.165
344	M692	Y	171.19	137.117	21.165	23.282
345	M692	Y	137.117	137.694	23.282	25.398
346	M692	Y	137.694	138.513	25.398	27.515
347	M693	Y	147.5	147.5	3.179e-12	27.515
348	M694	Y	136.949	136.949	0	2.117
349	M694	Y	136.949	136.949	2.117	4.233
350	M694	Y	136.949	171.19	4.233	6.35
351	M694	Y	171.19	171.19	6.35	8.466
352	M694	Y	171.19	136.949	8.466	10.583
353	M694	Y	136.949	136.949	10.583	12.699
354	M694	Y	136.949	136.949	12.699	14.816
355	M694	Y	136.949	136.949	14.816	16.932
356	M694	Y	136.949	171.19	16.932	19.049
357	M694	Y	171.19	171.19	19.049	21.165
358	M694	Y	171.19	137.117	21.165	23.282
359	M694	Y	137.117	137.694	23.282	25.398
360	M694	Y	137.694	138.513	25.398	27.515
361	M695	Y	137.544	137.544	3.059e-12	27.515
362	M696	Y	127.705	127.705	0	2.117
363	M696	Y	127.705	127.705	2.117	4.233
364	M696	Y	127.705	159.635	4.233	6.35
365	M696	Y	159.635	159.635	6.35	8.466
366	M696	Y	159.635	127.705	8.466	10.583
367	M696	Y	127.705	127.705	10.583	12.699
368	M696	Y	127.705	127.705	12.699	14.816
369	M696	Y	127.705	127.705	14.816	16.932
370	M696	Y	127.705	159.635	16.932	19.049
371	M696	Y	159.635	159.635	19.049	21.165

Member Distributed Loads (BLC 54 : BLC 20 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
372	M696	Y	159.635	127.868	21.165	23.282
373	M696	Y	127.868	128.393	23.282	25.398
374	M696	Y	128.393	129.116	25.398	27.515
375	BM16	Y	149.001	148.925	0	2.082
376	BM16	Y	148.925	148.717	2.082	4.164
377	BM16	Y	148.717	146.632	4.164	6.246
378	BM16	Y	146.632	146.13	6.246	8.329
379	BM16	Y	146.13	146.335	8.329	10.411
380	BM16	Y	146.335	144.237	10.411	12.493
381	BM16	Y	144.237	144.189	12.493	14.575
382	BM16	Y	144.189	146.498	14.575	16.657
383	BM16	Y	146.498	147.768	16.657	18.739
384	BM16	Y	147.768	145.799	18.739	20.822
385	BM16	Y	145.799	147.734	20.822	22.904
386	BM16	Y	147.734	151.466	22.904	24.986
387	BM16	Y	151.466	151.489	24.986	27.068
388	BM16	Y	151.489	151.486	27.068	29.15
389	BM17	Y	111.134	111.15	0	2.082
390	BM17	Y	111.15	111.158	2.082	4.164
391	BM17	Y	111.158	130.989	4.164	6.246
392	BM17	Y	130.989	136.242	6.246	8.329
393	BM17	Y	136.242	118.879	8.329	10.411
394	BM17	Y	118.879	113.111	10.411	12.493
395	BM17	Y	113.111	109.805	12.493	14.575
396	BM17	Y	109.805	109.311	14.575	16.657
397	BM17	Y	109.311	110.669	16.657	18.739
398	BM17	Y	110.669	130.615	18.739	20.822
399	BM17	Y	130.615	135.91	20.822	22.904
400	BM17	Y	135.91	116.475	22.904	24.986
401	BM17	Y	116.475	110.168	24.986	27.068
402	BM17	Y	110.168	110.175	27.068	29.15
403	BM35	Y	151.237	151.155	0	2.082
404	BM35	Y	151.155	150.946	2.082	4.164
405	BM35	Y	150.946	147.415	4.164	6.246
406	BM35	Y	147.415	143.868	6.246	8.329
407	BM35	Y	143.868	143.624	8.329	10.411
408	BM35	Y	143.624	143.55	10.411	12.493
409	BM35	Y	143.55	143.472	12.493	14.575
410	BM35	Y	143.472	143.368	14.575	16.657
411	BM35	Y	143.368	143.512	16.657	18.739
412	BM35	Y	143.512	144.103	18.739	20.822
413	BM35	Y	144.103	148.916	20.822	22.904
414	BM35	Y	148.916	153.751	22.904	24.986
415	BM35	Y	153.751	154.353	24.986	27.068
416	BM35	Y	154.353	154.695	27.068	29.15
417	BM36	Y	151.216	151.129	0	2.082
418	BM36	Y	151.129	150.913	2.082	4.164
419	BM36	Y	150.913	147.405	4.164	6.246
420	BM36	Y	147.405	143.897	6.246	8.329
421	BM36	Y	143.897	143.657	8.329	10.411
422	BM36	Y	143.657	143.571	10.411	12.493
423	BM36	Y	143.571	143.48	12.493	14.575
424	BM36	Y	143.48	143.358	14.575	16.657
425	BM36	Y	143.358	143.489	16.657	18.739
426	BM36	Y	143.489	144.117	18.739	20.822
427	BM36	Y	144.117	148.952	20.822	22.904
428	BM36	Y	148.952	153.753	22.904	24.986
429	BM36	Y	153.753	154.337	24.986	27.068
430	BM36	Y	154.337	154.671	27.068	29.15
431	BM37	Y	146.327	146.062	0	2.082
432	BM37	Y	146.062	145.627	2.082	4.164
433	BM37	Y	145.627	141.866	4.164	6.246
434	BM37	Y	141.866	138.069	6.246	8.329
435	BM37	Y	138.069	137.489	8.329	10.411
436	BM37	Y	137.489	139.695	10.411	12.493
437	BM37	Y	139.695	143.184	12.493	14.575
438	BM37	Y	143.184	142.572	14.575	16.657
439	BM37	Y	142.572	140.552	16.657	18.739

Member Distributed Loads (BLC 54 : BLC 20 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
440	BM37	Y	140.552	138.418	18.739	20.822
441	BM37	Y	138.418	142.86	20.822	22.904
442	BM37	Y	142.86	151.763	22.904	24.986
443	BM37	Y	151.763	148.409	24.986	27.068
444	BM37	Y	148.409	136.316	27.068	29.15
445	EDGE18	Y	65.448	65.459	0	2.082
446	EDGE18	Y	65.459	65.458	2.082	4.164
447	EDGE18	Y	65.458	69.475	4.164	6.246
448	EDGE18	Y	69.475	74.879	6.246	8.329
449	EDGE18	Y	74.879	76.084	8.329	10.411
450	EDGE18	Y	76.084	71.54	10.411	12.493
451	EDGE18	Y	71.54	65.561	12.493	14.575
452	EDGE18	Y	65.561	63.753	14.575	16.657
453	EDGE18	Y	63.753	63.507	16.657	18.739
454	EDGE18	Y	63.507	70.109	18.739	20.822
455	EDGE18	Y	70.109	79.246	20.822	22.904
456	EDGE18	Y	79.246	72.549	22.904	24.986
457	EDGE18	Y	72.549	63.363	24.986	27.068
458	EDGE18	Y	63.363	63.364	27.068	29.15
459	EDGE34	Y	43.93	43.93	0	2.059
460	EDGE34	Y	43.93	43.93	2.059	4.119
461	EDGE34	Y	43.93	43.93	4.119	6.178
462	EDGE34	Y	43.93	43.94	6.178	8.238
463	EDGE34	Y	43.94	44.035	8.238	10.297
464	EDGE34	Y	44.035	44.232	10.297	12.357
465	EDGE34	Y	44.232	44.433	12.357	14.416
466	EDGE34	Y	44.433	46.909	14.416	16.476
467	EDGE34	Y	46.909	48.279	16.476	18.535
468	EDGE34	Y	48.279	44.982	18.535	20.595
469	EDGE34	Y	44.982	44.266	20.595	22.654
470	EDGE34	Y	44.266	47.388	22.654	24.714
471	EDGE34	Y	47.388	50.501	24.714	26.773
472	EDGE49	Y	5.838e-15	48.511	0	0.475
473	EDGE49	Y	48.511	48.511	0.475	0.951
474	EDGE49	Y	48.511	48.836	0.951	1.426
475	EDGE49	Y	48.836	48.836	1.426	1.902
476	EDGE49	Y	48.836	5.838e-15	1.902	2.377
477	COL10	Z	-34.596	-34.596	0	2
478	COL10	Z	-34.596	-34.596	2	4
479	COL10	Z	-34.596	-34.596	4	6
480	COL10	Z	-34.596	-34.596	6	8
481	COL10	Z	-34.596	-34.596	8	10
482	COL10	Z	-34.596	-34.596	10	12
483	COL10	Z	-34.596	-34.596	12	14
484	COL10	Z	-34.596	-34.596	14	16
485	COL10	Z	-34.596	-34.596	16	18
486	COL10	Z	-34.596	-34.596	18	20
487	COL10	Z	-34.596	-34.596	20	22
488	COL10	Z	-34.596	-34.596	22	24
489	COL10	Z	-34.596	-34.596	24	26
490	COL10	Z	-34.596	-34.596	26	28
491	COL10	Z	-34.596	-34.596	28	30
492	COL10	Z	-34.596	-34.596	30	32
493	COL10	Z	-34.596	-34.596	32	34
494	COL10	Z	-34.596	-34.596	34	36
495	COL10	Z	-34.596	-34.592	36	38
496	COL10	Z	-34.592	-34.567	38	40
497	COL10	Z	-34.567	-34.529	40	42
498	COL10	Z	-34.529	-34.451	42	44
499	COL10	Z	-34.451	-34.329	44	46
500	COL13	Z	-33.645	-33.645	0	2.048
501	COL13	Z	-33.645	-33.645	2.048	4.097
502	COL13	Z	-33.645	-33.645	4.097	6.145
503	COL13	Z	-33.645	-33.645	6.145	8.194
504	COL13	Z	-33.645	-33.645	8.194	10.242
505	COL13	Z	-33.645	-33.645	10.242	12.29
506	COL13	Z	-33.645	-35.045	12.29	14.339
507	COL13	Z	-35.045	-42.057	14.339	16.387

Member Distributed Loads (BLC 54 : BLC 20 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
508	COL13	Z	-42.057	-40.657	16.387	18.435
509	COL13	Z	-40.657	-33.645	18.435	20.484
510	COL13	Z	-33.645	-33.645	20.484	22.532
511	COL13	Z	-33.645	-33.645	22.532	24.581
512	COL13	Z	-33.645	-33.645	24.581	26.629
513	COL13	Z	-33.645	-33.645	26.629	28.677
514	COL13	Z	-33.645	-33.645	28.677	30.726
515	COL13	Z	-33.645	-33.645	30.726	32.774
516	COL13	Z	-33.645	-33.645	32.774	34.823
517	COL13	Z	-33.645	-33.645	34.823	36.871
518	COL13	Z	-33.645	-33.631	36.871	38.919
519	COL13	Z	-33.631	-33.602	38.919	40.968
520	COL13	Z	-33.602	-33.588	40.968	43.016
521	COL13	Z	-33.588	-33.579	43.016	45.065
522	COL13	Z	-33.579	-36.328	45.065	47.113
523	COL13	Z	-36.328	-40.428	47.113	49.161
524	COL13	Z	-40.428	-38.977	49.161	51.21
525	COL13	Z	-38.977	-34.797	51.21	53.258
526	COL13	Z	-34.797	-33.41	53.258	55.306
527	COL13	Z	-33.41	-33.41	55.306	57.355
528	COL13	Z	-33.41	-33.41	57.355	59.403
529	COL13	Z	-33.41	-33.41	59.403	61.452
530	COL13	Z	-33.41	-33.41	61.452	63.5
531	COL68	Z	-23.992	-39.351	0	2.188
532	COL68	Z	-39.351	-39.24	2.188	4.375
533	COL68	Z	-39.24	-31.449	4.375	6.562
534	COL68	Z	-31.449	-31.449	6.562	8.75
535	COL68	Z	-31.449	-39.192	8.75	10.938
536	COL68	Z	-39.192	-39.192	10.938	13.125
537	COL68	Z	-39.192	-31.449	13.125	15.312
538	COL68	Z	-31.449	-31.449	15.312	17.5
539	COL20	X	-68.015	-68.015	13.6	15.64
540	COL20	X	-68.015	-68.015	15.64	17.68
541	COL20	X	-68.015	-68.015	17.68	19.72
542	COL20	X	-68.015	-68.015	19.72	21.76
543	COL20	X	-68.015	-68.015	21.76	23.8
544	COL20	X	-68.015	-68.015	23.8	25.84
545	COL20	X	-68.015	-68.015	25.84	27.88
546	COL20	X	-68.015	-67.935	27.88	29.92
547	COL20	X	-67.935	-67.687	29.92	31.96
548	COL20	X	-67.687	-67.352	31.96	34
549	COL23	X	-145.476	-145.476	13.6	15.64
550	COL23	X	-145.476	-145.476	15.64	17.68
551	COL23	X	-145.476	-145.476	17.68	19.72
552	COL23	X	-145.476	-145.476	19.72	21.76
553	COL23	X	-145.476	-145.476	21.76	23.8
554	COL23	X	-145.476	-145.476	23.8	25.84
555	COL23	X	-145.476	-145.476	25.84	27.88
556	COL23	X	-145.476	-145.427	27.88	29.92
557	COL23	X	-145.427	-145.218	29.92	31.96
558	COL23	X	-145.218	-144.898	31.96	34
559	COL31	X	-145.261	-147.386	0	2.034
560	COL31	X	-147.386	-150.384	2.034	4.067
561	COL31	X	-150.384	-151.197	4.067	6.101
562	COL31	X	-151.197	-146.97	6.101	8.135
563	COL31	X	-146.97	-142.943	8.135	10.168
564	COL31	X	-142.943	-142.286	10.168	12.202
565	COL31	X	-142.286	-143.252	12.202	14.236
566	COL31	X	-143.252	-145.76	14.236	16.269
567	COL31	X	-145.76	-147.822	16.269	18.303
568	COL31	X	-147.822	-148.445	18.303	20.337
569	COL31	X	-148.445	-149.611	20.337	22.37
570	COL31	X	-149.611	-148.138	22.37	24.404
571	COL31	X	-148.138	-143.594	24.404	26.438
572	COL33	X	-136.626	-136.579	0	2.114
573	COL33	X	-136.579	-136.163	2.114	4.228
574	COL33	X	-136.163	-164.255	4.228	6.342
575	COL33	X	-164.255	-172.108	6.342	8.456

Member Distributed Loads (BLC 54 : BLC 20 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
576	COL33	X	-172.108	-143.94	8.456	10.57
577	COL33	X	-143.94	-135.768	10.57	12.684
578	COL33	X	-135.768	-134.527	12.684	14.797
579	COL33	X	-134.527	-136.174	14.797	16.911
580	COL33	X	-136.174	-155.485	16.911	19.025
581	COL33	X	-155.485	-161.144	19.025	21.139
582	COL33	X	-161.144	-147.21	21.139	23.253
583	COL33	X	-147.21	-143.385	23.253	25.367
584	COL33	X	-143.385	-140.807	25.367	27.481
585	COL36	X	-141.916	-141.946	0	2.029
586	COL36	X	-141.946	-141.822	2.029	4.058
587	COL36	X	-141.822	-141.444	4.058	6.088
588	COL36	X	-141.444	-140.916	6.088	8.117
589	COL36	X	-140.916	-141.791	8.117	10.146
590	COL36	X	-141.791	-144.103	10.146	12.175
591	COL36	X	-144.103	-144.957	12.175	14.205
592	COL36	X	-144.957	-144.43	14.205	16.234
593	COL36	X	-144.43	-143.989	16.234	18.263
594	COL36	X	-143.989	-143.58	18.263	20.292
595	COL36	X	-143.58	-143.181	20.292	22.321
596	COL36	X	-143.181	-142.795	22.321	24.351
597	COL47	X	-115.558	-116.686	0	2.037
598	COL47	X	-116.686	-117.567	2.037	4.075
599	COL47	X	-117.567	-118.064	4.075	6.112
600	COL47	X	-118.064	-118.417	6.112	8.15
601	COL47	X	-118.417	-118.838	8.15	10.187
602	COL47	X	-118.838	-119.416	10.187	12.225
603	COL47	X	-119.416	-120.147	12.225	14.262
604	COL47	X	-120.147	-119.852	14.262	16.3
605	COL47	X	-119.852	-118.99	16.3	18.337
606	COL47	X	-118.99	-117.523	18.337	20.375
607	COL47	X	-117.523	-115.63	20.375	22.412
608	COL47	X	-115.63	-116.032	22.412	24.449
609	COL47	X	-116.032	-117.571	24.449	26.487
610	COL47	X	-117.571	-118.66	26.487	28.524
611	COL48	X	-139.484	-139.281	0	2.116
612	COL48	X	-139.281	-139.488	2.116	4.232
613	COL48	X	-139.488	-164.136	4.232	6.349
614	COL48	X	-164.136	-164.919	6.349	8.465
615	COL48	X	-164.919	-141.92	8.465	10.581
616	COL48	X	-141.92	-142.835	10.581	12.697
617	COL48	X	-142.835	-143.655	12.697	14.813
618	COL48	X	-143.655	-144.09	14.813	16.929
619	COL48	X	-144.09	-148.179	16.929	19.046
620	COL48	X	-148.179	-150.94	19.046	21.162
621	COL48	X	-150.94	-148.229	21.162	23.278
622	COL48	X	-148.229	-145.52	23.278	25.394
623	COL54	X	-79.348	-79.409	13.6	15.64
624	COL54	X	-79.409	-79.445	15.64	17.68
625	COL54	X	-79.445	-79.346	17.68	19.72
626	COL54	X	-79.346	-89.98	19.72	21.76
627	COL54	X	-89.98	-110.368	21.76	23.8
628	COL54	X	-110.368	-121.528	23.8	25.84
629	COL54	X	-121.528	-117.687	25.84	27.88
630	COL54	X	-117.687	-112.838	27.88	29.92
631	COL54	X	-112.838	-114.01	29.92	31.96
632	COL54	X	-114.01	-115.345	31.96	34
633	COL55	X	-74.045	-74.039	13.6	15.64
634	COL55	X	-74.039	-73.985	15.64	17.68
635	COL55	X	-73.985	-73.726	17.68	19.72
636	COL55	X	-73.726	-93.547	19.72	21.76
637	COL55	X	-93.547	-131.035	21.76	23.8
638	COL55	X	-131.035	-151.788	23.8	25.84
639	COL55	X	-151.788	-149.36	25.84	27.88
640	COL55	X	-149.36	-142.804	27.88	29.92
641	COL55	X	-142.804	-141.837	29.92	31.96
642	COL55	X	-141.837	-141.571	31.96	34
643	COL56	X	-112.23	-112.161	13.6	15.64

Member Distributed Loads (BLC 54 : BLC 20 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
644	COL56	X	-112.161	-112.066	15.64	17.68
645	COL56	X	-112.066	-111.818	17.68	19.72
646	COL56	X	-111.818	-120.769	19.72	21.76
647	COL56	X	-120.769	-137.576	21.76	23.8
648	COL56	X	-137.576	-146.878	23.8	25.84
649	COL56	X	-146.878	-148.085	25.84	27.88
650	COL56	X	-148.085	-146.479	27.88	29.92
651	COL56	X	-146.479	-145.114	29.92	31.96
652	COL56	X	-145.114	-144.743	31.96	34
653	COL57	X	-140.735	-140.735	13.6	15.64
654	COL57	X	-140.735	-140.735	15.64	17.68
655	COL57	X	-140.735	-140.735	17.68	19.72
656	COL57	X	-140.735	-140.735	19.72	21.76
657	COL57	X	-140.735	-140.735	21.76	23.8
658	COL57	X	-140.735	-140.735	23.8	25.84
659	COL57	X	-140.735	-140.735	25.84	27.88
660	COL57	X	-140.735	-140.795	27.88	29.92
661	COL57	X	-140.795	-140.957	29.92	31.96
662	COL57	X	-140.957	-141.165	31.96	34
663	COL66	X	-64.63	-64.296	0	2.125
664	COL66	X	-64.296	-69.341	2.125	4.25
665	COL66	X	-69.341	-79.949	4.25	6.375
666	COL66	X	-79.949	-74.663	6.375	8.5
667	COL66	X	-74.663	-63.982	8.5	10.625
668	COL66	X	-63.982	-63.982	10.625	12.75
669	COL66	X	-63.982	-63.982	12.75	14.875
670	COL66	X	-63.982	-69.268	14.875	17
671	COL66	X	-69.268	-75.926	17	19.125
672	COL66	X	-75.926	-74.663	19.125	21.25
673	COL66	X	-74.663	-69.391	21.25	23.375
674	COL69	X	-49.379	-66.577	13.65	15.47
675	COL69	X	-66.577	-81.548	15.47	17.29
676	COL69	X	-81.548	-80.639	17.29	19.11
677	COL69	X	-80.639	-69.54	19.11	20.93
678	COL69	X	-69.54	-61.903	20.93	22.75
679	COL70	X	-49.379	-66.577	13.65	15.47
680	COL70	X	-66.577	-81.548	15.47	17.29
681	COL70	X	-81.548	-80.639	17.29	19.11
682	COL70	X	-80.639	-69.54	19.11	20.93
683	COL70	X	-69.54	-61.903	20.93	22.75
684	EDGE10	X	-7.53	-7.53	23.518	25.022
685	EDGE29	X	-6.077	-6.077	0	1.85
686	EDGE31	X	-10.343	-10.343	0	0.551
687	X_RIGID1	X	-40.896	-41.161	0	2.144
688	X_RIGID1	X	-41.161	-45.273	2.144	4.289
689	X_RIGID1	X	-45.273	-47.023	4.289	6.433
690	X_RIGID1	X	-47.023	-43.734	6.433	8.578
691	X_RIGID1	X	-43.734	-45.326	8.578	10.722
692	X_RIGID1	X	-45.326	-45.618	10.722	12.867
693	X_RIGID1	X	-45.618	-42.821	12.867	15.011
694	X_RIGID1	X	-42.821	-41.943	15.011	17.156
695	X_RIGID2	X	-67.167	-40.056	0	1.774
696	X_RIGID2	X	-40.056	-39.926	1.774	3.548
697	X_RIGID2	X	-39.926	-51.403	3.548	5.321
698	X_RIGID2	X	-51.403	-40.963	5.321	7.095
699	X_RIGID2	X	-40.963	-23.98	7.095	8.869
700	X_RIGID3	X	-43.515	-47.798	0	2.114
701	X_RIGID3	X	-47.798	-49.58	2.114	4.227
702	X_RIGID3	X	-49.58	-45.304	4.227	6.341
703	X_RIGID3	X	-45.304	-41.39	6.341	8.455
704	X_RIGID3	X	-41.39	-41.418	8.455	10.568
705	X_RIGID3	X	-41.418	-41.47	10.568	12.682
706	X_RIGID3	X	-41.47	-44.109	12.682	14.795
707	X_RIGID3	X	-44.109	-51.83	14.795	16.909
708	X_RIGID3	X	-51.83	-49.212	16.909	19.023
709	X_RIGID3	X	-49.212	-41.532	19.023	21.136
710	X_RIGID3	X	-41.532	-41.624	21.136	23.25
711	COL40	Z	-78.544	-78.544	2.237e-14	17.5

Member Distributed Loads (BLC 54 : BLC 20 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
712	COL68	Z	-63.794	-63.794	2.32e-13	17.5
713	TRUSS11	Z	-147.5	-147.5	1.09e-13	17.5
714	TRUSS12	Z	-147.5	-147.5	1.076e-13	17.5
715	TRUSS16	Z	-147.5	-147.5	1.149e-13	17.5
716	TRUSS17	Z	-110.625	-110.625	0	17.5
717	TRUSS20	Z	-137.544	-137.544	1.71e-13	17.5
718	TRUSS21	Z	-110.625	-110.625	1.093e-13	17.5
719	TRUSS25	Z	-73.75	-73.75	4.441e-16	17.5
720	TRUSS31	Z	-147.5	-147.5	1.295e-13	17.5
721	TRUSS36	Z	-152.294	-152.294	2.887e-15	17.5
722	COL16	X	-73.75	-73.75	6.994e-15	12.667
723	COL18	X	-113.082	-113.082	4.885e-15	12.667
724	COL39	X	-68.956	-68.956	1.588e-14	12.667
725	COL50	X	-79.036	-79.036	4.885e-15	12.667
726	COL51	X	-147.5	-147.5	3.553e-15	12.667
727	COL52	X	-96.368	-96.368	1.099e-14	12.667
728	COL53	X	-46.339	-46.339	2.198e-14	12.667
729	COL65	X	-44.619	-44.619	0	12.667
730	COL71	X	-73.75	-73.75	7.55e-15	12.667
731	M682	X	-73.75	-73.75	5.773e-15	12.667
732	COL34	Z	-78.76	-78.76	0	2
733	COL34	Z	-78.76	-78.76	2	4
734	COL34	Z	-78.76	-78.76	4	6
735	COL34	Z	-78.76	-78.76	6	8
736	COL34	Z	-78.76	-78.76	8	10
737	COL34	Z	-78.76	-78.76	10	12
738	COL34	Z	-78.76	-78.76	12	14
739	COL34	Z	-78.76	-78.76	14	16
740	COL34	Z	-78.76	-78.76	16	18
741	COL34	Z	-78.76	-78.76	18	20
742	COL34	Z	-78.76	-78.76	20	22
743	COL34	Z	-78.76	-78.76	22	24
744	COL34	Z	-78.76	-78.76	24	26
745	COL34	Z	-78.76	-78.76	26	28
746	COL34	Z	-78.76	-78.76	28	30
747	COL34	Z	-78.76	-78.721	30	32
748	COL34	Z	-78.721	-78.681	32	34
749	COL34	Z	-78.681	-78.681	34	36
750	COL34	Z	-78.681	-78.673	36	38
751	COL34	Z	-78.673	-78.62	38	40
752	COL34	Z	-78.62	-78.553	40	42
753	COL34	Z	-78.553	-78.436	42	44
754	COL34	Z	-78.436	-78.248	44	46
755	COL40	Z	-54.686	-89.76	0	2.188
756	COL40	Z	-89.76	-89.449	2.188	4.375
757	COL40	Z	-89.449	-71.601	4.375	6.562
758	COL40	Z	-71.601	-71.601	6.562	8.75
759	COL40	Z	-71.601	-89.227	8.75	10.938
760	COL40	Z	-89.227	-89.227	10.938	13.125
761	COL40	Z	-89.227	-71.601	13.125	15.312
762	COL40	Z	-71.601	-71.601	15.312	17.5
763	COL49	Z	-76.597	-76.597	0	2.048
764	COL49	Z	-76.597	-76.597	2.048	4.097
765	COL49	Z	-76.597	-76.597	4.097	6.145
766	COL49	Z	-76.597	-76.597	6.145	8.194
767	COL49	Z	-76.597	-76.597	8.194	10.242
768	COL49	Z	-76.597	-76.597	10.242	12.29
769	COL49	Z	-76.597	-83.953	12.29	14.339
770	COL49	Z	-83.953	-95.746	14.339	16.387
771	COL49	Z	-95.746	-88.39	16.387	18.435
772	COL49	Z	-88.39	-76.597	18.435	20.484
773	COL49	Z	-76.597	-76.597	20.484	22.532
774	COL49	Z	-76.597	-76.597	22.532	24.581
775	COL49	Z	-76.597	-76.597	24.581	26.629
776	COL49	Z	-76.597	-76.597	26.629	28.677
777	COL49	Z	-76.597	-76.58	28.677	30.726
778	COL49	Z	-76.58	-76.547	30.726	32.774
779	COL49	Z	-76.547	-76.53	32.774	34.823

Member Distributed Loads (BLC 54 : BLC 20 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
780	COL49	Z	-76.53	-76.53	34.823	36.871
781	COL49	Z	-76.53	-76.53	36.871	38.919
782	COL49	Z	-76.53	-76.53	38.919	40.968
783	COL49	Z	-76.53	-76.53	40.968	43.016
784	COL49	Z	-76.53	-76.499	43.016	45.065
785	COL49	Z	-76.499	-82.253	45.065	47.113
786	COL49	Z	-82.253	-92.312	47.113	49.161
787	COL49	Z	-92.312	-89.237	49.161	51.21
788	COL49	Z	-89.237	-78.975	51.21	53.258
789	COL49	Z	-78.975	-76.062	53.258	55.306
790	COL49	Z	-76.062	-76.062	55.306	57.355
791	COL49	Z	-76.062	-76.062	57.355	59.403
792	COL49	Z	-76.062	-76.062	59.403	61.452
793	COL49	Z	-76.062	-76.062	61.452	63.5
794	COL29	X	-23.509	-23.621	0	2.128
795	COL29	X	-23.621	-23.684	2.128	4.256
796	COL29	X	-23.684	-22.896	4.256	6.383
797	COL29	X	-22.896	-27.58	6.383	8.511
798	COL29	X	-27.58	-27.58	8.511	10.639
799	COL29	X	-27.58	-22.102	10.639	12.767
800	COL29	X	-22.102	-22.102	12.767	14.895
801	COL29	X	-22.102	-23.466	14.895	17.022
802	COL29	X	-23.466	-27.58	17.022	19.15
803	COL29	X	-27.58	-26.215	19.15	21.278
804	COL29	X	-26.215	-17.988	21.278	23.406
805	COL49	X	-23.725	-23.725	0	2.048
806	COL49	X	-23.725	-23.725	2.048	4.097
807	COL49	X	-23.725	-23.725	4.097	6.145
808	COL49	X	-23.725	-23.725	6.145	8.194
809	COL49	X	-23.725	-23.725	8.194	10.242
810	COL49	X	-23.725	-23.725	10.242	12.29
811	COL49	X	-23.725	-23.725	12.29	14.339
812	COL49	X	-23.725	-23.725	14.339	16.387
813	COL49	X	-23.725	-28.172	16.387	18.435
814	COL49	X	-28.172	-29.657	18.435	20.484
815	COL49	X	-29.657	-25.21	20.484	22.532
816	COL49	X	-25.21	-23.725	22.532	24.581
817	COL49	X	-23.725	-23.725	24.581	26.629
818	COL49	X	-23.725	-23.725	26.629	28.677
819	COL49	X	-23.725	-23.725	28.677	30.726
820	COL49	X	-23.725	-23.732	30.726	32.774
821	COL49	X	-23.732	-23.769	32.774	34.823
822	COL49	X	-23.769	-23.83	34.823	36.871
823	COL49	X	-23.83	-23.867	36.871	38.919
824	COL49	X	-23.867	-23.895	38.919	40.968
825	COL49	X	-23.895	-23.921	40.968	43.016
826	COL49	X	-23.921	-23.688	43.016	45.065
827	COL49	X	-23.688	-23.22	45.065	47.113
828	COL49	X	-23.22	-22.989	47.113	49.161
829	COL49	X	-22.989	-25.855	49.161	51.21
830	COL49	X	-25.855	-28.736	51.21	53.258
831	COL49	X	-28.736	-25.87	53.258	55.306
832	COL49	X	-25.87	-22.989	55.306	57.355
833	COL49	X	-22.989	-22.989	57.355	59.403
834	COL49	X	-22.989	-22.989	59.403	61.452
835	COL49	X	-22.989	-22.989	61.452	63.5
836	COL65	X	-23.155	-23.155	0	2.092
837	COL65	X	-23.155	-23.155	2.092	4.184
838	COL65	X	-23.155	-23.155	4.184	6.276
839	COL65	X	-23.155	-28.945	6.276	8.368
840	COL65	X	-28.945	-28.945	8.368	10.461
841	COL65	X	-28.945	-23.155	10.461	12.553
842	COL65	X	-23.155	-23.155	12.553	14.645
843	COL65	X	-23.155	-23.155	14.645	16.737
844	COL65	X	-23.155	-23.155	16.737	18.829
845	COL65	X	-23.155	-23.155	18.829	20.921
846	COL65	X	-23.155	-23.155	20.921	23.013
847	COL65	X	-23.155	-23.155	23.013	25.105

Member Distributed Loads (BLC 54 : BLC 20 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
848	COL65	X	-23.155	-23.155	25.105	27.197
849	COL65	X	-23.155	-27.496	27.197	29.289
850	COL65	X	-27.496	-28.945	29.289	31.382
851	COL65	X	-28.945	-24.628	31.382	33.474
852	COL65	X	-24.628	-23.239	33.474	35.566
853	COL65	X	-23.239	-23.339	35.566	37.658
854	COL65	X	-23.339	-23.468	37.658	39.75
855	COL12	Z	136.922	136.042	0	2.125
856	COL12	Z	136.042	169.198	2.125	4.25
857	COL12	Z	169.198	168.99	4.25	6.375
858	COL12	Z	168.99	135.188	6.375	8.5
859	COL12	Z	135.188	135.188	8.5	10.625
860	COL12	Z	135.188	135.188	10.625	12.75
861	COL12	Z	135.188	135.188	12.75	14.875
862	COL12	Z	135.188	168.99	14.875	17
863	COL12	Z	168.99	168.99	17	19.125
864	COL12	Z	168.99	135.188	19.125	21.25
865	COL12	Z	135.188	135.188	21.25	23.375
866	COL15	Z	147.513	147.513	0	2
867	COL15	Z	147.513	147.513	2	4
868	COL15	Z	147.513	147.513	4	6
869	COL15	Z	147.513	147.513	6	8
870	COL15	Z	147.513	147.513	8	10
871	COL15	Z	147.513	147.513	10	12
872	COL15	Z	147.513	147.513	12	14
873	COL15	Z	147.513	147.513	14	16
874	COL15	Z	147.513	147.513	16	18
875	COL15	Z	147.513	147.513	18	20
876	COL15	Z	147.513	147.513	20	22
877	COL15	Z	147.513	147.513	22	24
878	COL15	Z	147.513	147.513	24	26
879	COL15	Z	147.513	147.513	26	28
880	COL15	Z	147.513	147.271	28	30
881	COL15	Z	147.271	146.604	30	32
882	COL15	Z	146.604	145.754	32	34
883	COL17	Z	137.556	137.556	0	2
884	COL17	Z	137.556	137.556	2	4
885	COL17	Z	137.556	137.556	4	6
886	COL17	Z	137.556	137.556	6	8
887	COL17	Z	137.556	137.556	8	10
888	COL17	Z	137.556	137.556	10	12
889	COL17	Z	137.556	137.556	12	14
890	COL17	Z	137.556	137.556	14	16
891	COL17	Z	137.556	137.556	16	18
892	COL17	Z	137.556	137.556	18	20
893	COL17	Z	137.556	137.556	20	22
894	COL17	Z	137.556	137.556	22	24
895	COL17	Z	137.556	137.556	24	26
896	COL17	Z	137.556	137.556	26	28
897	COL17	Z	137.556	137.347	28	30
898	COL17	Z	137.347	136.712	30	32
899	COL17	Z	136.712	135.86	32	34
900	COL19	Z	147.513	147.513	0	2
901	COL19	Z	147.513	147.513	2	4
902	COL19	Z	147.513	147.513	4	6
903	COL19	Z	147.513	147.513	6	8
904	COL19	Z	147.513	147.513	8	10
905	COL19	Z	147.513	147.513	10	12
906	COL19	Z	147.513	147.513	12	14
907	COL19	Z	147.513	147.513	14	16
908	COL19	Z	147.513	147.513	16	18
909	COL19	Z	147.513	147.513	18	20
910	COL19	Z	147.513	147.513	20	22
911	COL19	Z	147.513	147.513	22	24
912	COL19	Z	147.513	147.513	24	26
913	COL19	Z	147.513	147.513	26	28
914	COL19	Z	147.513	147.274	28	30
915	COL19	Z	147.274	146.605	30	32

Member Distributed Loads (BLC 54 : BLC 20 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
916	COL19	Z	146.605	145.744	32	34
917	COL20	Z	71.543	71.543	0	2
918	COL20	Z	71.543	71.543	2	4
919	COL20	Z	71.543	71.543	4	6
920	COL20	Z	71.543	71.543	6	8
921	COL20	Z	71.543	71.543	8	10
922	COL20	Z	71.543	71.543	10	12
923	COL20	Z	71.543	71.543	12	14
924	COL20	Z	71.543	71.543	14	16
925	COL20	Z	71.543	71.543	16	18
926	COL20	Z	71.543	71.543	18	20
927	COL20	Z	71.543	71.543	20	22
928	COL20	Z	71.543	71.543	22	24
929	COL20	Z	71.543	71.543	24	26
930	COL20	Z	71.543	71.543	26	28
931	COL20	Z	71.543	71.425	28	30
932	COL20	Z	71.425	71.102	30	32
933	COL20	Z	71.102	70.695	32	34
934	COL21	Z	147.513	147.513	0	2
935	COL21	Z	147.513	147.513	2	4
936	COL21	Z	147.513	147.513	4	6
937	COL21	Z	147.513	147.513	6	8
938	COL21	Z	147.513	147.513	8	10
939	COL21	Z	147.513	147.513	10	12
940	COL21	Z	147.513	147.513	12	14
941	COL21	Z	147.513	147.513	14	16
942	COL21	Z	147.513	147.513	16	18
943	COL21	Z	147.513	147.513	18	20
944	COL21	Z	147.513	147.513	20	22
945	COL21	Z	147.513	147.513	22	24
946	COL21	Z	147.513	147.513	24	26
947	COL21	Z	147.513	147.513	26	28
948	COL21	Z	147.513	147.271	28	30
949	COL21	Z	147.271	146.604	30	32
950	COL21	Z	146.604	145.754	32	34
951	COL24	Z	145.3	145.3	0	2
952	COL24	Z	145.3	145.3	2	4
953	COL24	Z	145.3	145.3	4	6
954	COL24	Z	145.3	145.3	6	8
955	COL24	Z	145.3	145.3	8	10
956	COL24	Z	145.3	145.3	10	12
957	COL24	Z	145.3	145.3	12	14
958	COL24	Z	145.3	145.3	14	16
959	COL24	Z	145.3	145.3	16	18
960	COL24	Z	145.3	145.3	18	20
961	COL24	Z	145.3	145.3	20	22
962	COL24	Z	145.3	145.3	22	24
963	COL24	Z	145.3	145.3	24	26
964	COL24	Z	145.3	145.3	26	28
965	COL24	Z	145.3	145.064	28	30
966	COL24	Z	145.064	144.407	30	32
967	COL24	Z	144.407	143.566	32	34
968	COL25	Z	147.509	147.509	0.006	33.979
969	COL27	Z	91.328	90.785	0	2.125
970	COL27	Z	90.785	112.939	2.125	4.25
971	COL27	Z	112.939	112.802	4.25	6.375
972	COL27	Z	112.802	90.239	6.375	8.5
973	COL27	Z	90.239	90.239	8.5	10.625
974	COL27	Z	90.239	90.239	10.625	12.75
975	COL27	Z	90.239	90.239	12.75	14.875
976	COL27	Z	90.239	112.802	14.875	17
977	COL27	Z	112.802	112.802	17	19.125
978	COL27	Z	112.802	90.239	19.125	21.25
979	COL27	Z	90.239	90.239	21.25	23.375
980	COL28	Z	134.869	134.001	0	2.125
981	COL28	Z	134.001	166.659	2.125	4.25
982	COL28	Z	166.659	166.456	4.25	6.375
983	COL28	Z	166.456	133.16	6.375	8.5

Member Distributed Loads (BLC 54 : BLC 20 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
984	COL28	Z	133.16	133.16	8.5	10.625
985	COL28	Z	133.16	133.16	10.625	12.75
986	COL28	Z	133.16	133.16	12.75	14.875
987	COL28	Z	133.16	166.456	14.875	17
988	COL28	Z	166.456	166.456	17	19.125
989	COL28	Z	166.456	133.16	19.125	21.25
990	COL28	Z	133.16	133.16	21.25	23.375
991	COL32	Z	136.937	136.043	0	2.125
992	COL32	Z	136.043	169.194	2.125	4.25
993	COL32	Z	169.194	168.99	4.25	6.375
994	COL32	Z	168.99	135.188	6.375	8.5
995	COL32	Z	135.188	135.188	8.5	10.625
996	COL32	Z	135.188	135.188	10.625	12.75
997	COL32	Z	135.188	135.188	12.75	14.875
998	COL32	Z	135.188	168.99	14.875	17
999	COL32	Z	168.99	168.99	17	19.125
1000	COL32	Z	168.99	135.188	19.125	21.25
1001	COL32	Z	135.188	135.188	21.25	23.375
1002	COL41	Z	136.937	136.043	0	2.125
1003	COL41	Z	136.043	169.194	2.125	4.25
1004	COL41	Z	169.194	168.99	4.25	6.375
1005	COL41	Z	168.99	135.188	6.375	8.5
1006	COL41	Z	135.188	135.188	8.5	10.625
1007	COL41	Z	135.188	135.188	10.625	12.75
1008	COL41	Z	135.188	135.188	12.75	14.875
1009	COL41	Z	135.188	168.99	14.875	17
1010	COL41	Z	168.99	168.99	17	19.125
1011	COL41	Z	168.99	135.188	19.125	21.25
1012	COL41	Z	135.188	135.188	21.25	23.375
1013	COL42	Z	136.937	136.043	0	2.125
1014	COL42	Z	136.043	169.194	2.125	4.25
1015	COL42	Z	169.194	168.99	4.25	6.375
1016	COL42	Z	168.99	135.188	6.375	8.5
1017	COL42	Z	135.188	135.188	8.5	10.625
1018	COL42	Z	135.188	135.188	10.625	12.75
1019	COL42	Z	135.188	135.188	12.75	14.875
1020	COL42	Z	135.188	168.99	14.875	17
1021	COL42	Z	168.99	168.99	17	19.125
1022	COL42	Z	168.99	135.188	19.125	21.25
1023	COL42	Z	135.188	135.188	21.25	23.375
1024	COL43	Z	136.937	136.043	0	2.125
1025	COL43	Z	136.043	169.194	2.125	4.25
1026	COL43	Z	169.194	168.99	4.25	6.375
1027	COL43	Z	168.99	135.188	6.375	8.5
1028	COL43	Z	135.188	135.188	8.5	10.625
1029	COL43	Z	135.188	135.188	10.625	12.75
1030	COL43	Z	135.188	135.188	12.75	14.875
1031	COL43	Z	135.188	168.99	14.875	17
1032	COL43	Z	168.99	168.99	17	19.125
1033	COL43	Z	168.99	135.188	19.125	21.25
1034	COL43	Z	135.188	135.188	21.25	23.375
1035	COL44	Z	136.924	136.044	0	2.125
1036	COL44	Z	136.044	169.198	2.125	4.25
1037	COL44	Z	169.198	168.99	4.25	6.375
1038	COL44	Z	168.99	135.188	6.375	8.5
1039	COL44	Z	135.188	135.188	8.5	10.625
1040	COL44	Z	135.188	135.188	10.625	12.75
1041	COL44	Z	135.188	135.188	12.75	14.875
1042	COL44	Z	135.188	168.99	14.875	17
1043	COL44	Z	168.99	168.99	17	19.125
1044	COL44	Z	168.99	135.188	19.125	21.25
1045	COL44	Z	135.188	135.188	21.25	23.375
1046	COL45	Z	127.678	126.858	0	2.125
1047	COL45	Z	126.858	157.776	2.125	4.25
1048	COL45	Z	157.776	157.584	4.25	6.375
1049	COL45	Z	157.584	126.063	6.375	8.5
1050	COL45	Z	126.063	126.063	8.5	10.625
1051	COL45	Z	126.063	126.063	10.625	12.75

Member Distributed Loads (BLC 54 : BLC 20 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1052	COL45	Z	126.063	126.063	12.75	14.875
1053	COL45	Z	126.063	157.584	14.875	17
1054	COL45	Z	157.584	157.584	17	19.125
1055	COL45	Z	157.584	126.063	19.125	21.25
1056	COL45	Z	126.063	126.063	21.25	23.375
1057	COL58	Z	147.513	147.513	0	2
1058	COL58	Z	147.513	147.513	2	4
1059	COL58	Z	147.513	147.513	4	6
1060	COL58	Z	147.513	147.513	6	8
1061	COL58	Z	147.513	147.513	8	10
1062	COL58	Z	147.513	147.513	10	12
1063	COL58	Z	147.513	147.513	12	14
1064	COL58	Z	147.513	147.513	14	16
1065	COL58	Z	147.513	147.513	16	18
1066	COL58	Z	147.513	147.513	18	20
1067	COL58	Z	147.513	147.513	20	22
1068	COL58	Z	147.513	147.513	22	24
1069	COL58	Z	147.513	147.513	24	26
1070	COL58	Z	147.513	147.513	26	28
1071	COL58	Z	147.513	147.271	28	30
1072	COL58	Z	147.271	146.604	30	32
1073	COL58	Z	146.604	145.754	32	34
1074	COL59	Z	147.513	147.513	0	2
1075	COL59	Z	147.513	147.513	2	4
1076	COL59	Z	147.513	147.513	4	6
1077	COL59	Z	147.513	147.513	6	8
1078	COL59	Z	147.513	147.513	8	10
1079	COL59	Z	147.513	147.513	10	12
1080	COL59	Z	147.513	147.513	12	14
1081	COL59	Z	147.513	147.513	14	16
1082	COL59	Z	147.513	147.513	16	18
1083	COL59	Z	147.513	147.513	18	20
1084	COL59	Z	147.513	147.513	20	22
1085	COL59	Z	147.513	147.513	22	24
1086	COL59	Z	147.513	147.513	24	26
1087	COL59	Z	147.513	147.513	26	28
1088	COL59	Z	147.513	147.271	28	30
1089	COL59	Z	147.271	146.604	30	32
1090	COL59	Z	146.604	145.754	32	34
1091	COL60	Z	34.665	34.665	0	2
1092	COL60	Z	34.665	34.665	2	4
1093	COL60	Z	34.665	34.665	4	6
1094	COL60	Z	34.665	34.665	6	8
1095	COL60	Z	34.665	34.665	8	10
1096	COL60	Z	34.665	34.665	10	12
1097	COL60	Z	34.665	34.665	12	14
1098	COL60	Z	34.665	34.665	14	16
1099	COL60	Z	34.665	34.665	16	18
1100	COL60	Z	34.665	34.665	18	20
1101	COL60	Z	34.665	34.665	20	22
1102	COL60	Z	34.665	34.665	22	24
1103	COL60	Z	34.665	34.665	24	26
1104	COL60	Z	34.665	34.665	26	28
1105	COL60	Z	34.665	34.621	28	30
1106	COL60	Z	34.621	34.475	30	32
1107	COL60	Z	34.475	34.271	32	34
1108	COL61	Z	98.449	98.449	0.003	33.982
1109	COL66	Z	66.408	65.981	0	2.125
1110	COL66	Z	65.981	82.061	2.125	4.25
1111	COL66	Z	82.061	81.96	4.25	6.375
1112	COL66	Z	81.96	65.566	6.375	8.5
1113	COL66	Z	65.566	65.566	8.5	10.625
1114	COL66	Z	65.566	65.566	10.625	12.75
1115	COL66	Z	65.566	65.566	12.75	14.875
1116	COL66	Z	65.566	81.96	14.875	17
1117	COL66	Z	81.96	81.96	17	19.125
1118	COL66	Z	81.96	65.566	19.125	21.25
1119	COL66	Z	65.566	65.566	21.25	23.375

Member Distributed Loads (BLC 54 : BLC 20 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1120	COL67	Z	32.139	31.949	0	2.125
1121	COL67	Z	31.949	39.755	2.125	4.25
1122	COL67	Z	39.755	39.713	4.25	6.375
1123	COL67	Z	39.713	31.77	6.375	8.5
1124	COL67	Z	31.77	31.77	8.5	10.625
1125	COL67	Z	31.77	31.77	10.625	12.75
1126	COL67	Z	31.77	31.77	12.75	14.875
1127	COL67	Z	31.77	39.713	14.875	17
1128	COL67	Z	39.713	39.713	17	19.125
1129	COL67	Z	39.713	31.77	19.125	21.25
1130	COL67	Z	31.77	31.77	21.25	23.375
1131	DIAPH227	Y	85.919	85.919	0	8.257
1132	EDGE12	Y	78.913	78.913	0	8.257
1133	EDGE43	Y	7.006	7.006	0	8.257
1134	COL11	X	147.465	147.465	0.0009851	33.996
1135	COL13	X	66.93	66.93	0	2.048
1136	COL13	X	66.93	66.93	2.048	4.097
1137	COL13	X	66.93	66.93	4.097	6.145
1138	COL13	X	66.93	66.93	6.145	8.194
1139	COL13	X	66.93	66.93	8.194	10.242
1140	COL13	X	66.93	66.93	10.242	12.29
1141	COL13	X	66.93	71.107	12.29	14.339
1142	COL13	X	71.107	83.664	14.339	16.387
1143	COL13	X	83.664	79.486	16.387	18.435
1144	COL13	X	79.486	66.93	18.435	20.484
1145	COL13	X	66.93	66.93	20.484	22.532
1146	COL13	X	66.93	66.93	22.532	24.581
1147	COL13	X	66.93	66.93	24.581	26.629
1148	COL13	X	66.93	66.94	26.629	28.677
1149	COL13	X	66.94	67.009	28.677	30.726
1150	COL13	X	67.009	67.128	30.726	32.774
1151	COL13	X	67.128	67.196	32.774	34.823
1152	COL13	X	67.196	67.206	34.823	36.871
1153	COL13	X	67.206	67.206	36.871	38.919
1154	COL13	X	67.206	67.206	38.919	40.968
1155	COL13	X	67.206	67.166	40.968	43.016
1156	COL13	X	67.166	66.912	43.016	45.065
1157	COL13	X	66.912	70.604	45.065	47.113
1158	COL13	X	70.604	78.24	47.113	49.161
1159	COL13	X	78.24	77.57	49.161	51.21
1160	COL13	X	77.57	69.008	51.21	53.258
1161	COL13	X	69.008	64.682	53.258	55.306
1162	COL13	X	64.682	64.572	55.306	57.355
1163	COL13	X	64.572	64.816	57.355	59.403
1164	COL13	X	64.816	65.164	59.403	61.452
1165	COL13	X	65.164	65.483	61.452	63.5
1166	COL14	X	142.564	142.564	0	2
1167	COL14	X	142.564	142.564	2	4
1168	COL14	X	142.564	142.564	4	6
1169	COL14	X	142.564	142.564	6	8
1170	COL14	X	142.564	142.564	8	10
1171	COL14	X	142.564	142.564	10	12
1172	COL14	X	142.564	142.564	12	14
1173	COL14	X	142.564	142.564	14	16
1174	COL14	X	142.564	142.564	16	18
1175	COL14	X	142.564	142.564	18	20
1176	COL14	X	142.564	142.564	20	22
1177	COL14	X	142.564	142.564	22	24
1178	COL14	X	142.564	142.564	24	26
1179	COL14	X	142.564	142.579	26	28
1180	COL14	X	142.579	142.707	28	30
1181	COL14	X	142.707	143.064	30	32
1182	COL14	X	143.064	143.552	32	34
1183	COL26	X	141.532	141.776	0	2.029
1184	COL26	X	141.776	141.794	2.029	4.058
1185	COL26	X	141.794	141.45	4.058	6.088
1186	COL26	X	141.45	140.924	6.088	8.117
1187	COL26	X	140.924	141.798	8.117	10.146

Member Distributed Loads (BLC 54 : BLC 20 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1188	COL26	X	141.798	144.105	10.146	12.175
1189	COL26	X	144.105	144.966	12.175	14.205
1190	COL26	X	144.966	144.445	14.205	16.234
1191	COL26	X	144.445	144.001	16.234	18.263
1192	COL26	X	144.001	143.587	18.263	20.292
1193	COL26	X	143.587	143.188	20.292	22.321
1194	COL26	X	143.188	142.803	22.321	24.351
1195	COL30	X	141.079	141.6	0	2.037
1196	COL30	X	141.6	142.05	2.037	4.075
1197	COL30	X	142.05	142.441	4.075	6.112
1198	COL30	X	142.441	142.804	6.112	8.15
1199	COL30	X	142.804	142.998	8.15	10.187
1200	COL30	X	142.998	142.98	10.187	12.225
1201	COL30	X	142.98	142.911	12.225	14.262
1202	COL30	X	142.911	145.915	14.262	16.3
1203	COL30	X	145.915	146.263	16.3	18.337
1204	COL30	X	146.263	139.789	18.337	20.375
1205	COL30	X	139.789	139.483	20.375	22.412
1206	COL30	X	139.483	143.901	22.412	24.449
1207	COL30	X	143.901	145.742	24.449	26.487
1208	COL30	X	145.742	147.574	26.487	28.524
1209	COL35	X	139.095	139.107	0	2.116
1210	COL35	X	139.107	139.483	2.116	4.232
1211	COL35	X	139.483	164.544	4.232	6.349
1212	COL35	X	164.544	165.726	6.349	8.465
1213	COL35	X	165.726	139.821	8.465	10.581
1214	COL35	X	139.821	140.516	10.581	12.697
1215	COL35	X	140.516	143.936	12.697	14.813
1216	COL35	X	143.936	144.213	14.813	16.929
1217	COL35	X	144.213	148.235	16.929	19.046
1218	COL35	X	148.235	150.951	19.046	21.162
1219	COL35	X	150.951	148.236	21.162	23.278
1220	COL35	X	148.236	145.525	23.278	25.394
1221	COL37	X	145.75	147.479	0	2.034
1222	COL37	X	147.479	149.857	2.034	4.067
1223	COL37	X	149.857	149.493	4.067	6.101
1224	COL37	X	149.493	146.968	6.101	8.135
1225	COL37	X	146.968	146.274	8.135	10.168
1226	COL37	X	146.274	144.697	10.168	12.202
1227	COL37	X	144.697	143.084	12.202	14.236
1228	COL37	X	143.084	145.132	14.236	16.269
1229	COL37	X	145.132	147.681	16.269	18.303
1230	COL37	X	147.681	148.504	18.303	20.337
1231	COL37	X	148.504	149.541	20.337	22.37
1232	COL37	X	149.541	149.404	22.37	24.404
1233	COL37	X	149.404	147.871	24.404	26.438
1234	COL46	X	138.488	137.494	0	2.114
1235	COL46	X	137.494	136.413	2.114	4.228
1236	COL46	X	136.413	161.467	4.228	6.342
1237	COL46	X	161.467	172.077	6.342	8.456
1238	COL46	X	172.077	146.711	8.456	10.57
1239	COL46	X	146.711	135.749	10.57	12.684
1240	COL46	X	135.749	134.509	12.684	14.797
1241	COL46	X	134.509	136.134	14.797	16.911
1242	COL46	X	136.134	155.354	16.911	19.025
1243	COL46	X	155.354	161.025	19.025	21.139
1244	COL46	X	161.025	147.216	21.139	23.253
1245	COL46	X	147.216	143.413	23.253	25.367
1246	COL46	X	143.413	140.804	25.367	27.481
1247	COL60	X	68.96	68.96	0	2
1248	COL60	X	68.96	68.96	2	4
1249	COL60	X	68.96	68.96	4	6
1250	COL60	X	68.96	68.96	6	8
1251	COL60	X	68.96	68.96	8	10
1252	COL60	X	68.96	68.96	10	12
1253	COL60	X	68.96	68.96	12	14
1254	COL60	X	68.96	68.96	14	16
1255	COL60	X	68.96	68.96	16	18

Member Distributed Loads (BLC 54 : BLC 20 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1256	COL60	X	68.96	68.96	18	20
1257	COL60	X	68.96	68.96	20	22
1258	COL60	X	68.96	68.96	22	24
1259	COL60	X	68.96	68.96	24	26
1260	COL60	X	68.96	68.96	26	28
1261	COL60	X	68.96	68.917	28	30
1262	COL60	X	68.917	68.738	30	32
1263	COL60	X	68.738	68.466	32	34
1264	COL62	X	142.7	142.7	0	2
1265	COL62	X	142.7	142.7	2	4
1266	COL62	X	142.7	142.7	4	6
1267	COL62	X	142.7	142.7	6	8
1268	COL62	X	142.7	142.7	8	10
1269	COL62	X	142.7	142.7	10	12
1270	COL62	X	142.7	142.7	12	14
1271	COL62	X	142.7	142.7	14	16
1272	COL62	X	142.7	142.7	16	18
1273	COL62	X	142.7	142.7	18	20
1274	COL62	X	142.7	142.7	20	22
1275	COL62	X	142.7	142.7	22	24
1276	COL62	X	142.7	142.7	24	26
1277	COL62	X	142.7	142.7	26	28
1278	COL62	X	142.7	142.79	28	30
1279	COL62	X	142.79	143.093	30	32
1280	COL62	X	143.093	143.518	32	34
1281	COL63	X	147.502	147.502	0	2
1282	COL63	X	147.502	147.502	2	4
1283	COL63	X	147.502	147.502	4	6
1284	COL63	X	147.502	147.502	6	8
1285	COL63	X	147.502	147.502	8	10
1286	COL63	X	147.502	147.502	10	12
1287	COL63	X	147.502	147.502	12	14
1288	COL63	X	147.502	147.502	14	16
1289	COL63	X	147.502	147.502	16	18
1290	COL63	X	147.502	147.502	18	20
1291	COL63	X	147.502	147.502	20	22
1292	COL63	X	147.502	147.502	22	24
1293	COL63	X	147.502	147.502	24	26
1294	COL63	X	147.502	147.502	26	28
1295	COL63	X	147.502	147.508	28	30
1296	COL63	X	147.508	147.455	30	32
1297	COL63	X	147.455	147.338	32	34
1298	COL64	X	147.544	147.544	0.0007301	34
1299	COL67	X	64.454	64.192	0	2.125
1300	COL67	X	64.192	69.308	2.125	4.25
1301	COL67	X	69.308	79.951	4.25	6.375
1302	COL67	X	79.951	74.665	6.375	8.5
1303	COL67	X	74.665	63.983	8.5	10.625
1304	COL67	X	63.983	63.983	10.625	12.75
1305	COL67	X	63.983	63.983	12.75	14.875
1306	COL67	X	63.983	69.269	14.875	17
1307	COL67	X	69.269	75.928	17	19.125
1308	COL67	X	75.928	74.665	19.125	21.25
1309	COL67	X	74.665	69.393	21.25	23.375
1310	EDGE32	X	5.569	5.569	0.714	1.714
1311	EDGE33	X	10.351	10.351	0	0.55
1312	EDGE46	X	7.528	7.528	23.518	25.022
1313	COL20	Z	78.731	78.653	0	2.125
1314	COL20	Z	78.653	92.766	2.125	4.25
1315	COL20	Z	92.766	97.823	4.25	6.375
1316	COL20	Z	97.823	83.434	6.375	8.5
1317	COL20	Z	83.434	78.177	8.5	10.625
1318	COL20	Z	78.177	54.858	10.625	12.75
1319	COL20	Z	54.858	15.749	12.75	14.875
1320	COL20	Z	15.749	-0.002	14.875	17
1321	COL53	Z	84.877	85.048	0	2.111
1322	COL53	Z	85.048	86.592	2.111	4.222
1323	COL53	Z	86.592	88.778	4.222	6.333

Member Distributed Loads (BLC 54 : BLC 20 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1324	COL53	Z	88.778	86.466	6.333	8.445
1325	COL53	Z	86.466	85.934	8.445	10.556
1326	COL53	Z	85.934	90.95	10.556	12.667
1327	EDGE18	Z	5.526	5.554	0	2.915
1328	EDGE18	Z	5.554	2.785	2.915	5.83
1329	EDGE18	Z	2.785	0.002	5.83	8.745
1330	COL22	Z	0.856	19.111	10.2	12.364
1331	COL22	Z	19.111	67.851	12.364	14.527
1332	COL22	Z	67.851	88.159	14.527	16.691
1333	COL22	Z	88.159	78.13	16.691	18.855
1334	COL22	Z	78.13	90.08	18.855	21.018
1335	COL22	Z	90.08	91.056	21.018	23.182
1336	COL22	Z	91.056	78.54	23.182	25.345
1337	COL22	Z	78.54	76.882	25.345	27.509
1338	COL22	Z	76.882	96.217	27.509	29.673
1339	COL22	Z	96.217	96.681	29.673	31.836
1340	COL22	Z	96.681	58.998	31.836	34
1341	COL29	Z	74.104	74.437	0	2.128
1342	COL29	Z	74.437	74.608	2.128	4.256
1343	COL29	Z	74.608	72.657	4.256	6.383
1344	COL29	Z	72.657	88.375	6.383	8.511
1345	COL29	Z	88.375	88.375	8.511	10.639
1346	COL29	Z	88.375	70.702	10.639	12.767
1347	COL29	Z	70.702	70.702	12.767	14.895
1348	COL29	Z	70.702	88.375	14.895	17.022
1349	COL29	Z	88.375	88.375	17.022	19.15
1350	COL29	Z	88.375	70.702	19.15	21.278
1351	COL29	Z	70.702	70.702	21.278	23.406
1352	COL38	Z	80.685	81.218	0	2.083
1353	COL38	Z	81.218	81.619	2.083	4.165
1354	COL38	Z	81.619	81.857	4.165	6.248
1355	COL38	Z	81.857	81.978	6.248	8.33
1356	COL38	Z	81.978	101.651	8.33	10.413
1357	COL38	Z	101.651	99.978	10.413	12.495
1358	COL38	Z	99.978	78.652	12.495	14.578
1359	COL38	Z	78.652	78.652	14.578	16.66
1360	COL38	Z	78.652	78.652	16.66	18.743
1361	COL38	Z	78.652	78.652	18.743	20.825
1362	COL38	Z	78.652	98.313	20.825	22.908
1363	COL38	Z	98.313	98.313	22.908	24.991
1364	COL38	Z	98.313	78.652	24.991	27.073
1365	COL38	Z	78.652	78.652	27.073	29.156
1366	COL65	Z	5.665	56.981	11.925	14.065
1367	COL65	Z	56.981	89.27	14.065	16.206
1368	COL65	Z	89.27	83.838	16.206	18.346
1369	COL65	Z	83.838	71.815	18.346	20.487
1370	COL65	Z	71.815	73.25	20.487	22.627
1371	COL65	Z	73.25	89.715	22.627	24.767
1372	COL65	Z	89.715	88.75	24.767	26.908
1373	COL65	Z	88.75	72.933	26.908	29.048
1374	COL65	Z	72.933	73.323	29.048	31.188
1375	COL65	Z	73.323	77.721	31.188	33.329
1376	COL65	Z	77.721	91.982	33.329	35.469
1377	COL65	Z	91.982	88.295	35.469	37.61
1378	COL65	Z	88.295	60.845	37.61	39.75
1379	EDGE34	Z	5.807	5.807	22.643	26.541
1380	X_RIGID1	Z	7.006	7.006	1.926e-14	17.156
1381	X_RIGID2	Z	7.026	7.026	0	8.869
1382	X_RIGID3	Z	7.009	7.009	4.996e-16	23.242
1383	BM10	Y	147.514	147.514	0	2.01
1384	BM10	Y	147.514	147.514	2.01	4.021
1385	BM10	Y	147.514	147.514	4.021	6.031
1386	BM10	Y	147.514	147.514	6.031	8.042
1387	BM10	Y	147.514	147.514	8.042	10.052
1388	BM10	Y	147.514	147.514	10.052	12.063
1389	BM10	Y	147.514	147.514	12.063	14.073
1390	BM10	Y	147.514	147.514	14.073	16.084
1391	BM10	Y	147.514	147.514	16.084	18.094

Member Distributed Loads (BLC 54 : BLC 20 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1392	BM10	Y	147.514	147.514	18.094	20.104
1393	BM10	Y	147.514	147.514	20.104	22.115
1394	BM10	Y	147.514	147.514	22.115	24.125
1395	BM10	Y	147.514	147.514	24.125	26.136
1396	BM10	Y	147.514	147.337	26.136	28.146
1397	BM10	Y	147.337	146.729	28.146	30.157
1398	BM10	Y	146.729	145.863	30.157	32.167
1399	BM11	Y	144.756	144.756	0	2.01
1400	BM11	Y	144.756	144.756	2.01	4.021
1401	BM11	Y	144.756	144.756	4.021	6.031
1402	BM11	Y	144.756	144.756	6.031	8.042
1403	BM11	Y	144.756	144.756	8.042	10.052
1404	BM11	Y	144.756	144.851	10.052	12.063
1405	BM11	Y	144.851	145.123	12.063	14.073
1406	BM11	Y	145.123	145.469	14.073	16.084
1407	BM11	Y	145.469	145.836	16.084	18.094
1408	BM11	Y	145.836	146.112	18.094	20.104
1409	BM11	Y	146.112	146.212	20.104	22.115
1410	BM11	Y	146.212	146.251	22.115	24.125
1411	BM11	Y	146.251	146.261	24.125	26.136
1412	BM11	Y	146.261	146.127	26.136	28.146
1413	BM11	Y	146.127	145.708	28.146	30.157
1414	BM11	Y	145.708	145.115	30.157	32.167
1415	BM12	Y	147.514	147.514	0	2.01
1416	BM12	Y	147.514	147.514	2.01	4.021
1417	BM12	Y	147.514	147.514	4.021	6.031
1418	BM12	Y	147.514	147.514	6.031	8.042
1419	BM12	Y	147.514	147.514	8.042	10.052
1420	BM12	Y	147.514	147.514	10.052	12.063
1421	BM12	Y	147.514	147.514	12.063	14.073
1422	BM12	Y	147.514	147.514	14.073	16.084
1423	BM12	Y	147.514	147.514	16.084	18.094
1424	BM12	Y	147.514	147.514	18.094	20.104
1425	BM12	Y	147.514	147.514	20.104	22.115
1426	BM12	Y	147.514	147.514	22.115	24.125
1427	BM12	Y	147.514	147.514	24.125	26.136
1428	BM12	Y	147.514	147.337	26.136	28.146
1429	BM12	Y	147.337	146.729	28.146	30.157
1430	BM12	Y	146.729	145.863	30.157	32.167
1431	BM13	Y	147.514	147.514	0	2.01
1432	BM13	Y	147.514	147.514	2.01	4.021
1433	BM13	Y	147.514	147.514	4.021	6.031
1434	BM13	Y	147.514	147.514	6.031	8.042
1435	BM13	Y	147.514	147.514	8.042	10.052
1436	BM13	Y	147.514	147.514	10.052	12.063
1437	BM13	Y	147.514	147.514	12.063	14.073
1438	BM13	Y	147.514	147.514	14.073	16.084
1439	BM13	Y	147.514	147.514	16.084	18.094
1440	BM13	Y	147.514	147.514	18.094	20.104
1441	BM13	Y	147.514	147.514	20.104	22.115
1442	BM13	Y	147.514	147.514	22.115	24.125
1443	BM13	Y	147.514	147.514	24.125	26.136
1444	BM13	Y	147.514	147.337	26.136	28.146
1445	BM13	Y	147.337	146.729	28.146	30.157
1446	BM13	Y	146.729	145.863	30.157	32.167
1447	BM14	Y	147.514	147.514	0	2.01
1448	BM14	Y	147.514	147.514	2.01	4.021
1449	BM14	Y	147.514	147.514	4.021	6.031
1450	BM14	Y	147.514	147.514	6.031	8.042
1451	BM14	Y	147.514	147.514	8.042	10.052
1452	BM14	Y	147.514	147.514	10.052	12.063
1453	BM14	Y	147.514	147.514	12.063	14.073
1454	BM14	Y	147.514	147.514	14.073	16.084
1455	BM14	Y	147.514	147.514	16.084	18.094
1456	BM14	Y	147.514	147.514	18.094	20.104
1457	BM14	Y	147.514	147.514	20.104	22.115
1458	BM14	Y	147.514	147.514	22.115	24.125
1459	BM14	Y	147.514	147.514	24.125	26.136

Member Distributed Loads (BLC 54 : BLC 20 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1460	BM14	Y	147.514	147.337	26.136	28.146
1461	BM14	Y	147.337	146.729	28.146	30.157
1462	BM14	Y	146.729	145.863	30.157	32.167
1463	BM15	Y	98.196	98.196	0	2.01
1464	BM15	Y	98.196	98.196	2.01	4.021
1465	BM15	Y	98.196	98.196	4.021	6.031
1466	BM15	Y	98.196	98.196	6.031	8.042
1467	BM15	Y	98.196	98.204	8.042	10.052
1468	BM15	Y	98.204	98.327	10.052	12.063
1469	BM15	Y	98.327	98.649	12.063	14.073
1470	BM15	Y	98.649	99.153	14.073	16.084
1471	BM15	Y	99.153	99.853	16.084	18.094
1472	BM15	Y	99.853	100.397	18.094	20.104
1473	BM15	Y	100.397	100.165	20.104	22.115
1474	BM15	Y	100.165	99.375	22.115	24.125
1475	BM15	Y	99.375	98.647	24.125	26.136
1476	BM15	Y	98.647	98.131	26.136	28.146
1477	BM15	Y	98.131	97.857	28.146	30.157
1478	BM15	Y	97.857	97.723	30.157	32.167
1479	BM18	Y	147.505	147.505	0.017	32.162
1480	BM20	Y	92.558	92.857	0	2.117
1481	BM20	Y	92.857	93.407	2.117	4.233
1482	BM20	Y	93.407	107.242	4.233	6.35
1483	BM20	Y	107.242	108.059	6.35	8.466
1484	BM20	Y	108.059	94.863	8.466	10.583
1485	BM20	Y	94.863	93.795	10.583	12.699
1486	BM20	Y	93.795	92.873	12.699	14.816
1487	BM20	Y	92.873	92.117	14.816	16.932
1488	BM20	Y	92.117	107.753	16.932	19.049
1489	BM20	Y	107.753	114.155	19.049	21.165
1490	BM20	Y	114.155	97.928	21.165	23.282
1491	BM20	Y	97.928	91.263	23.282	25.398
1492	BM20	Y	91.263	91.263	25.398	27.515
1493	BM21	Y	138.513	137.694	0	2.117
1494	BM21	Y	137.694	137.117	2.117	4.233
1495	BM21	Y	137.117	171.19	4.233	6.35
1496	BM21	Y	171.19	171.19	6.35	8.466
1497	BM21	Y	171.19	136.949	8.466	10.583
1498	BM21	Y	136.949	136.949	10.583	12.699
1499	BM21	Y	136.949	136.949	12.699	14.816
1500	BM21	Y	136.949	136.949	14.816	16.932
1501	BM21	Y	136.949	171.19	16.932	19.049
1502	BM21	Y	171.19	171.19	19.049	21.165
1503	BM21	Y	171.19	136.949	21.165	23.282
1504	BM21	Y	136.949	136.949	23.282	25.398
1505	BM21	Y	136.949	136.949	25.398	27.515
1506	BM22	Y	147.505	147.505	0.017	32.162
1507	BM24	Y	138.513	137.694	0	2.117
1508	BM24	Y	137.694	137.117	2.117	4.233
1509	BM24	Y	137.117	171.19	4.233	6.35
1510	BM24	Y	171.19	171.19	6.35	8.466
1511	BM24	Y	171.19	136.949	8.466	10.583
1512	BM24	Y	136.949	136.949	10.583	12.699
1513	BM24	Y	136.949	136.949	12.699	14.816
1514	BM24	Y	136.949	136.949	14.816	16.932
1515	BM24	Y	136.949	171.19	16.932	19.049
1516	BM24	Y	171.19	171.19	19.049	21.165
1517	BM24	Y	171.19	136.949	21.165	23.282
1518	BM24	Y	136.949	136.949	23.282	25.398
1519	BM24	Y	136.949	136.949	25.398	27.515
1520	BM25	Y	138.513	137.694	0	2.117
1521	BM25	Y	137.694	137.117	2.117	4.233
1522	BM25	Y	137.117	171.19	4.233	6.35
1523	BM25	Y	171.19	171.19	6.35	8.466
1524	BM25	Y	171.19	136.949	8.466	10.583
1525	BM25	Y	136.949	136.949	10.583	12.699
1526	BM25	Y	136.949	136.949	12.699	14.816
1527	BM25	Y	136.949	136.949	14.816	16.932

Member Distributed Loads (BLC 54 : BLC 20 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1528	BM25	Y	136.949	171.19	16.932	19.049
1529	BM25	Y	171.19	171.19	19.049	21.165
1530	BM25	Y	171.19	136.949	21.165	23.282
1531	BM25	Y	136.949	136.949	23.282	25.398
1532	BM25	Y	136.949	136.949	25.398	27.515
1533	BM27	Y	138.513	137.694	0	2.117
1534	BM27	Y	137.694	137.117	2.117	4.233
1535	BM27	Y	137.117	171.19	4.233	6.35
1536	BM27	Y	171.19	171.19	6.35	8.466
1537	BM27	Y	171.19	136.949	8.466	10.583
1538	BM27	Y	136.949	136.949	10.583	12.699
1539	BM27	Y	136.949	136.949	12.699	14.816
1540	BM27	Y	136.949	136.949	14.816	16.932
1541	BM27	Y	136.949	171.19	16.932	19.049
1542	BM27	Y	171.19	171.19	19.049	21.165
1543	BM27	Y	171.19	136.949	21.165	23.282
1544	BM27	Y	136.949	136.949	23.282	25.398
1545	BM27	Y	136.949	136.949	25.398	27.515
1546	BM32	Y	147.514	147.514	0	2.01
1547	BM32	Y	147.514	147.514	2.01	4.021
1548	BM32	Y	147.514	147.514	4.021	6.031
1549	BM32	Y	147.514	147.514	6.031	8.042
1550	BM32	Y	147.514	147.514	8.042	10.052
1551	BM32	Y	147.514	147.514	10.052	12.063
1552	BM32	Y	147.514	147.514	12.063	14.073
1553	BM32	Y	147.514	147.514	14.073	16.084
1554	BM32	Y	147.514	147.514	16.084	18.094
1555	BM32	Y	147.514	147.514	18.094	20.104
1556	BM32	Y	147.514	147.514	20.104	22.115
1557	BM32	Y	147.514	147.514	22.115	24.125
1558	BM32	Y	147.514	147.514	24.125	26.136
1559	BM32	Y	147.514	147.337	26.136	28.146
1560	BM32	Y	147.337	146.729	28.146	30.157
1561	BM32	Y	146.729	145.863	30.157	32.167
1562	BM33	Y	147.514	147.514	0	2.01
1563	BM33	Y	147.514	147.514	2.01	4.021
1564	BM33	Y	147.514	147.514	4.021	6.031
1565	BM33	Y	147.514	147.514	6.031	8.042
1566	BM33	Y	147.514	147.514	8.042	10.052
1567	BM33	Y	147.514	147.514	10.052	12.063
1568	BM33	Y	147.514	147.514	12.063	14.073
1569	BM33	Y	147.514	147.514	14.073	16.084
1570	BM33	Y	147.514	147.514	16.084	18.094
1571	BM33	Y	147.514	147.514	18.094	20.104
1572	BM33	Y	147.514	147.514	20.104	22.115
1573	BM33	Y	147.514	147.514	22.115	24.125
1574	BM33	Y	147.514	147.514	24.125	26.136
1575	BM33	Y	147.514	147.337	26.136	28.146
1576	BM33	Y	147.337	146.729	28.146	30.157
1577	BM33	Y	146.729	145.863	30.157	32.167
1578	BM34	Y	137.555	137.555	0	2.01
1579	BM34	Y	137.555	137.555	2.01	4.021
1580	BM34	Y	137.555	137.555	4.021	6.031
1581	BM34	Y	137.555	137.555	6.031	8.042
1582	BM34	Y	137.555	137.555	8.042	10.052
1583	BM34	Y	137.555	137.555	10.052	12.063
1584	BM34	Y	137.555	137.555	12.063	14.073
1585	BM34	Y	137.555	137.555	14.073	16.084
1586	BM34	Y	137.555	137.555	16.084	18.094
1587	BM34	Y	137.555	137.555	18.094	20.104
1588	BM34	Y	137.555	137.555	20.104	22.115
1589	BM34	Y	137.555	137.555	22.115	24.125
1590	BM34	Y	137.555	137.555	24.125	26.136
1591	BM34	Y	137.555	137.376	26.136	28.146
1592	BM34	Y	137.376	136.827	28.146	30.157
1593	BM34	Y	136.827	136.087	30.157	32.167
1594	BM38	Y	137.659	136.612	0	2.117
1595	BM38	Y	136.612	135.721	2.117	4.233

Member Distributed Loads (BLC 54 : BLC 20 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1596	BM38	Y	135.721	157.746	4.233	6.35
1597	BM38	Y	157.746	165.604	6.35	8.466
1598	BM38	Y	165.604	145.55	8.466	10.583
1599	BM38	Y	145.55	137.288	10.583	12.699
1600	BM38	Y	137.288	134.547	12.699	14.816
1601	BM38	Y	134.547	134.547	14.816	16.932
1602	BM38	Y	134.547	154.433	16.932	19.049
1603	BM38	Y	154.433	168.189	19.049	21.165
1604	BM38	Y	168.189	148.303	21.165	23.282
1605	BM38	Y	148.303	134.547	23.282	25.398
1606	BM38	Y	134.547	134.547	25.398	27.515
1607	BM39	Y	138.513	137.694	0	2.117
1608	BM39	Y	137.694	137.117	2.117	4.233
1609	BM39	Y	137.117	171.19	4.233	6.35
1610	BM39	Y	171.19	171.19	6.35	8.466
1611	BM39	Y	171.19	136.949	8.466	10.583
1612	BM39	Y	136.949	136.949	10.583	12.699
1613	BM39	Y	136.949	136.949	12.699	14.816

Member Distributed Loads (BLC 55 : BLC 21 Transient Area Loads)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	COL22	Z	2.627	58.63	10.2	12.364
2	COL22	Z	58.63	208.153	12.364	14.527
3	COL22	Z	208.153	270.454	14.527	16.691
4	COL22	Z	270.454	239.688	16.691	18.855
5	COL22	Z	239.688	276.347	18.855	21.018
6	COL22	Z	276.347	279.34	21.018	23.182
7	COL22	Z	279.34	240.945	23.182	25.345
8	COL22	Z	240.945	235.857	25.345	27.509
9	COL22	Z	235.857	295.174	27.509	29.673
10	COL22	Z	295.174	296.596	29.673	31.836
11	COL22	Z	296.596	180.995	31.836	34
12	COL29	Z	227.336	228.357	0	2.128
13	COL29	Z	228.357	228.881	2.128	4.256
14	COL29	Z	228.881	222.897	4.256	6.383
15	COL29	Z	222.897	271.117	6.383	8.511
16	COL29	Z	271.117	271.117	8.511	10.639
17	COL29	Z	271.117	216.898	10.639	12.767
18	COL29	Z	216.898	216.898	12.767	14.895
19	COL29	Z	216.898	271.117	14.895	17.022
20	COL29	Z	271.117	271.117	17.022	19.15
21	COL29	Z	271.117	216.898	19.15	21.278
22	COL29	Z	216.898	216.898	21.278	23.406
23	COL38	Z	247.524	249.159	0	2.083
24	COL38	Z	249.159	250.391	2.083	4.165
25	COL38	Z	250.391	251.12	4.165	6.248
26	COL38	Z	251.12	251.49	6.248	8.33
27	COL38	Z	251.49	311.843	8.33	10.413
28	COL38	Z	311.843	306.713	10.413	12.495
29	COL38	Z	306.713	241.289	12.495	14.578
30	COL38	Z	241.289	241.289	14.578	16.66
31	COL38	Z	241.289	241.289	16.66	18.743
32	COL38	Z	241.289	241.289	18.743	20.825
33	COL38	Z	241.289	301.604	20.825	22.908
34	COL38	Z	301.604	301.604	22.908	24.991
35	COL38	Z	301.604	241.289	24.991	27.073
36	COL38	Z	241.289	241.289	27.073	29.156
37	COL65	Z	17.379	174.807	11.925	14.065
38	COL65	Z	174.807	273.862	14.065	16.206
39	COL65	Z	273.862	257.198	16.206	18.346
40	COL65	Z	257.198	220.312	18.346	20.487
41	COL65	Z	220.312	224.715	20.487	22.627
42	COL65	Z	224.715	275.226	22.627	24.767
43	COL65	Z	275.226	272.267	24.767	26.908
44	COL65	Z	272.267	223.742	26.908	29.048
45	COL65	Z	223.742	224.94	29.048	31.188
46	COL65	Z	224.94	238.433	31.188	33.329
47	COL65	Z	238.433	282.183	33.329	35.469

Member Distributed Loads (BLC 55 : BLC 21 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
48	COL65	Z	282.183	270.872	35.469	37.61
49	COL65	Z	270.872	186.661	37.61	39.75
50	EDGE34	Z	17.814	17.814	22.643	26.541
51	X_RIGID1	Z	21.494	21.494	1.926e-14	17.156
52	X_RIGID2	Z	21.554	21.554	0	8.869
53	X_RIGID3	Z	21.501	21.501	4.996e-16	23.242
54	COL12	Z	420.048	417.35	0	2.125
55	COL12	Z	417.35	519.064	2.125	4.25
56	COL12	Z	519.064	518.428	4.25	6.375
57	COL12	Z	518.428	414.73	6.375	8.5
58	COL12	Z	414.73	414.73	8.5	10.625
59	COL12	Z	414.73	414.73	10.625	12.75
60	COL12	Z	414.73	414.73	12.75	14.875
61	COL12	Z	414.73	518.428	14.875	17
62	COL12	Z	518.428	518.428	17	19.125
63	COL12	Z	518.428	414.73	19.125	21.25
64	COL12	Z	414.73	414.73	21.25	23.375
65	COL15	Z	452.538	452.538	0	2
66	COL15	Z	452.538	452.538	2	4
67	COL15	Z	452.538	452.538	4	6
68	COL15	Z	452.538	452.538	6	8
69	COL15	Z	452.538	452.538	8	10
70	COL15	Z	452.538	452.538	10	12
71	COL15	Z	452.538	452.538	12	14
72	COL15	Z	452.538	452.538	14	16
73	COL15	Z	452.538	452.538	16	18
74	COL15	Z	452.538	452.538	18	20
75	COL15	Z	452.538	452.538	20	22
76	COL15	Z	452.538	452.538	22	24
77	COL15	Z	452.538	452.538	24	26
78	COL15	Z	452.538	452.538	26	28
79	COL15	Z	452.538	451.798	28	30
80	COL15	Z	451.798	449.753	30	32
81	COL15	Z	449.753	447.142	32	34
82	COL17	Z	421.995	421.995	0	2
83	COL17	Z	421.995	421.995	2	4
84	COL17	Z	421.995	421.995	4	6
85	COL17	Z	421.995	421.995	6	8
86	COL17	Z	421.995	421.995	8	10
87	COL17	Z	421.995	421.995	10	12
88	COL17	Z	421.995	421.995	12	14
89	COL17	Z	421.995	421.995	14	16
90	COL17	Z	421.995	421.995	16	18
91	COL17	Z	421.995	421.995	18	20
92	COL17	Z	421.995	421.995	20	22
93	COL17	Z	421.995	421.995	22	24
94	COL17	Z	421.995	421.995	24	26
95	COL17	Z	421.995	421.995	26	28
96	COL17	Z	421.995	421.352	28	30
97	COL17	Z	421.352	419.404	30	32
98	COL17	Z	419.404	416.792	32	34
99	COL19	Z	452.539	452.539	0	2
100	COL19	Z	452.539	452.539	2	4
101	COL19	Z	452.539	452.539	4	6
102	COL19	Z	452.539	452.539	6	8
103	COL19	Z	452.539	452.539	8	10
104	COL19	Z	452.539	452.539	10	12
105	COL19	Z	452.539	452.539	12	14
106	COL19	Z	452.539	452.539	14	16
107	COL19	Z	452.539	452.539	16	18
108	COL19	Z	452.539	452.539	18	20
109	COL19	Z	452.539	452.539	20	22
110	COL19	Z	452.539	452.539	22	24
111	COL19	Z	452.539	452.539	24	26
112	COL19	Z	452.539	452.539	26	28
113	COL19	Z	452.539	451.807	28	30
114	COL19	Z	451.807	449.755	30	32
115	COL19	Z	449.755	447.114	32	34

Member Distributed Loads (BLC 55 : BLC 21 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
116	COL20	Z	219.481	219.481	0	2
117	COL20	Z	219.481	219.481	2	4
118	COL20	Z	219.481	219.481	4	6
119	COL20	Z	219.481	219.481	6	8
120	COL20	Z	219.481	219.481	8	10
121	COL20	Z	219.481	219.481	10	12
122	COL20	Z	219.481	219.481	12	14
123	COL20	Z	219.481	219.481	14	16
124	COL20	Z	219.481	219.481	16	18
125	COL20	Z	219.481	219.481	18	20
126	COL20	Z	219.481	219.481	20	22
127	COL20	Z	219.481	219.481	22	24
128	COL20	Z	219.481	219.481	24	26
129	COL20	Z	219.481	219.481	26	28
130	COL20	Z	219.481	219.117	28	30
131	COL20	Z	219.117	218.128	30	32
132	COL20	Z	218.128	216.879	32	34
133	COL21	Z	452.538	452.538	0	2
134	COL21	Z	452.538	452.538	2	4
135	COL21	Z	452.538	452.538	4	6
136	COL21	Z	452.538	452.538	6	8
137	COL21	Z	452.538	452.538	8	10
138	COL21	Z	452.538	452.538	10	12
139	COL21	Z	452.538	452.538	12	14
140	COL21	Z	452.538	452.538	14	16
141	COL21	Z	452.538	452.538	16	18
142	COL21	Z	452.538	452.538	18	20
143	COL21	Z	452.538	452.538	20	22
144	COL21	Z	452.538	452.538	22	24
145	COL21	Z	452.538	452.538	24	26
146	COL21	Z	452.538	452.538	26	28
147	COL21	Z	452.538	451.798	28	30
148	COL21	Z	451.798	449.753	30	32
149	COL21	Z	449.753	447.142	32	34
150	COL24	Z	445.75	445.75	0	2
151	COL24	Z	445.75	445.75	2	4
152	COL24	Z	445.75	445.75	4	6
153	COL24	Z	445.75	445.75	6	8
154	COL24	Z	445.75	445.75	8	10
155	COL24	Z	445.75	445.75	10	12
156	COL24	Z	445.75	445.75	12	14
157	COL24	Z	445.75	445.75	14	16
158	COL24	Z	445.75	445.75	16	18
159	COL24	Z	445.75	445.75	18	20
160	COL24	Z	445.75	445.75	20	22
161	COL24	Z	445.75	445.75	22	24
162	COL24	Z	445.75	445.75	24	26
163	COL24	Z	445.75	445.75	26	28
164	COL24	Z	445.75	445.025	28	30
165	COL24	Z	445.025	443.01	30	32
166	COL24	Z	443.01	440.431	32	34
167	COL25	Z	452.527	452.527	0.006	33.979
168	COL27	Z	280.175	278.51	0	2.125
169	COL27	Z	278.51	346.475	2.125	4.25
170	COL27	Z	346.475	346.054	4.25	6.375
171	COL27	Z	346.054	276.836	6.375	8.5
172	COL27	Z	276.836	276.836	8.5	10.625
173	COL27	Z	276.836	276.836	10.625	12.75
174	COL27	Z	276.836	276.836	12.75	14.875
175	COL27	Z	276.836	346.054	14.875	17
176	COL27	Z	346.054	346.054	17	19.125
177	COL27	Z	346.054	276.836	19.125	21.25
178	COL27	Z	276.836	276.836	21.25	23.375
179	COL28	Z	413.75	411.088	0	2.125
180	COL28	Z	411.088	511.276	2.125	4.25
181	COL28	Z	511.276	510.652	4.25	6.375
182	COL28	Z	510.652	408.509	6.375	8.5
183	COL28	Z	408.509	408.509	8.5	10.625

Member Distributed Loads (BLC 55 : BLC 21 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
184	COL28	Z	408.509	408.509	10.625	12.75
185	COL28	Z	408.509	408.509	12.75	14.875
186	COL28	Z	408.509	510.652	14.875	17
187	COL28	Z	510.652	510.652	17	19.125
188	COL28	Z	510.652	408.509	19.125	21.25
189	COL28	Z	408.509	408.509	21.25	23.375
190	COL32	Z	420.094	417.351	0	2.125
191	COL32	Z	417.351	519.053	2.125	4.25
192	COL32	Z	519.053	518.427	4.25	6.375
193	COL32	Z	518.427	414.729	6.375	8.5
194	COL32	Z	414.729	414.729	8.5	10.625
195	COL32	Z	414.729	414.729	10.625	12.75
196	COL32	Z	414.729	414.729	12.75	14.875
197	COL32	Z	414.729	518.427	14.875	17
198	COL32	Z	518.427	518.427	17	19.125
199	COL32	Z	518.427	414.729	19.125	21.25
200	COL32	Z	414.729	414.729	21.25	23.375
201	COL41	Z	420.094	417.351	0	2.125
202	COL41	Z	417.351	519.053	2.125	4.25
203	COL41	Z	519.053	518.427	4.25	6.375
204	COL41	Z	518.427	414.729	6.375	8.5
205	COL41	Z	414.729	414.729	8.5	10.625
206	COL41	Z	414.729	414.729	10.625	12.75
207	COL41	Z	414.729	414.729	12.75	14.875
208	COL41	Z	414.729	518.427	14.875	17
209	COL41	Z	518.427	518.427	17	19.125
210	COL41	Z	518.427	414.729	19.125	21.25
211	COL41	Z	414.729	414.729	21.25	23.375
212	COL42	Z	420.094	417.351	0	2.125
213	COL42	Z	417.351	519.053	2.125	4.25
214	COL42	Z	519.053	518.427	4.25	6.375
215	COL42	Z	518.427	414.729	6.375	8.5
216	COL42	Z	414.729	414.729	8.5	10.625
217	COL42	Z	414.729	414.729	10.625	12.75
218	COL42	Z	414.729	414.729	12.75	14.875
219	COL42	Z	414.729	518.427	14.875	17
220	COL42	Z	518.427	518.427	17	19.125
221	COL42	Z	518.427	414.729	19.125	21.25
222	COL42	Z	414.729	414.729	21.25	23.375
223	COL43	Z	420.094	417.351	0	2.125
224	COL43	Z	417.351	519.053	2.125	4.25
225	COL43	Z	519.053	518.427	4.25	6.375
226	COL43	Z	518.427	414.729	6.375	8.5
227	COL43	Z	414.729	414.729	8.5	10.625
228	COL43	Z	414.729	414.729	10.625	12.75
229	COL43	Z	414.729	414.729	12.75	14.875
230	COL43	Z	414.729	518.427	14.875	17
231	COL43	Z	518.427	518.427	17	19.125
232	COL43	Z	518.427	414.729	19.125	21.25
233	COL43	Z	414.729	414.729	21.25	23.375
234	COL44	Z	420.055	417.356	0	2.125
235	COL44	Z	417.356	519.066	2.125	4.25
236	COL44	Z	519.066	518.428	4.25	6.375
237	COL44	Z	518.428	414.73	6.375	8.5
238	COL44	Z	414.73	414.73	8.5	10.625
239	COL44	Z	414.73	414.73	10.625	12.75
240	COL44	Z	414.73	414.73	12.75	14.875
241	COL44	Z	414.73	518.428	14.875	17
242	COL44	Z	518.428	518.428	17	19.125
243	COL44	Z	518.428	414.73	19.125	21.25
244	COL44	Z	414.73	414.73	21.25	23.375
245	COL45	Z	391.691	389.175	0	2.125
246	COL45	Z	389.175	484.025	2.125	4.25
247	COL45	Z	484.025	483.434	4.25	6.375
248	COL45	Z	483.434	386.736	6.375	8.5
249	COL45	Z	386.736	386.736	8.5	10.625
250	COL45	Z	386.736	386.736	10.625	12.75
251	COL45	Z	386.736	386.736	12.75	14.875

Member Distributed Loads (BLC 55 : BLC 21 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
252	COL45	Z	386.736	483.434	14.875	17
253	COL45	Z	483.434	483.434	17	19.125
254	COL45	Z	483.434	386.736	19.125	21.25
255	COL45	Z	386.736	386.736	21.25	23.375
256	COL58	Z	452.538	452.538	0	2
257	COL58	Z	452.538	452.538	2	4
258	COL58	Z	452.538	452.538	4	6
259	COL58	Z	452.538	452.538	6	8
260	COL58	Z	452.538	452.538	8	10
261	COL58	Z	452.538	452.538	10	12
262	COL58	Z	452.538	452.538	12	14
263	COL58	Z	452.538	452.538	14	16
264	COL58	Z	452.538	452.538	16	18
265	COL58	Z	452.538	452.538	18	20
266	COL58	Z	452.538	452.538	20	22
267	COL58	Z	452.538	452.538	22	24
268	COL58	Z	452.538	452.538	24	26
269	COL58	Z	452.538	452.538	26	28
270	COL58	Z	452.538	451.798	28	30
271	COL58	Z	451.798	449.753	30	32
272	COL58	Z	449.753	447.142	32	34
273	COL59	Z	452.538	452.538	0	2
274	COL59	Z	452.538	452.538	2	4
275	COL59	Z	452.538	452.538	4	6
276	COL59	Z	452.538	452.538	6	8
277	COL59	Z	452.538	452.538	8	10
278	COL59	Z	452.538	452.538	10	12
279	COL59	Z	452.538	452.538	12	14
280	COL59	Z	452.538	452.538	14	16
281	COL59	Z	452.538	452.538	16	18
282	COL59	Z	452.538	452.538	18	20
283	COL59	Z	452.538	452.538	20	22
284	COL59	Z	452.538	452.538	22	24
285	COL59	Z	452.538	452.538	24	26
286	COL59	Z	452.538	452.538	26	28
287	COL59	Z	452.538	451.798	28	30
288	COL59	Z	451.798	449.753	30	32
289	COL59	Z	449.753	447.142	32	34
290	COL60	Z	106.347	106.347	0	2
291	COL60	Z	106.347	106.347	2	4
292	COL60	Z	106.347	106.347	4	6
293	COL60	Z	106.347	106.347	6	8
294	COL60	Z	106.347	106.347	8	10
295	COL60	Z	106.347	106.347	10	12
296	COL60	Z	106.347	106.347	12	14
297	COL60	Z	106.347	106.347	14	16
298	COL60	Z	106.347	106.347	16	18
299	COL60	Z	106.347	106.347	18	20
300	COL60	Z	106.347	106.347	20	22
301	COL60	Z	106.347	106.347	22	24
302	COL60	Z	106.347	106.347	24	26
303	COL60	Z	106.347	106.347	26	28
304	COL60	Z	106.347	106.211	28	30
305	COL60	Z	106.211	105.762	30	32
306	COL60	Z	105.762	105.137	32	34
307	COL61	Z	302.02	302.02	0.003	33.982
308	COL66	Z	203.725	202.418	0	2.125
309	COL66	Z	202.418	251.748	2.125	4.25
310	COL66	Z	251.748	251.438	4.25	6.375
311	COL66	Z	251.438	201.144	6.375	8.5
312	COL66	Z	201.144	201.144	8.5	10.625
313	COL66	Z	201.144	201.144	10.625	12.75
314	COL66	Z	201.144	201.144	12.75	14.875
315	COL66	Z	201.144	251.438	14.875	17
316	COL66	Z	251.438	251.438	17	19.125
317	COL66	Z	251.438	201.144	19.125	21.25
318	COL66	Z	201.144	201.144	21.25	23.375
319	COL67	Z	98.596	98.013	0	2.125

Member Distributed Loads (BLC 55 : BLC 21 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
320	COL67	Z	98.013	121.961	2.125	4.25
321	COL67	Z	121.961	121.832	4.25	6.375
322	COL67	Z	121.832	97.463	6.375	8.5
323	COL67	Z	97.463	97.463	8.5	10.625
324	COL67	Z	97.463	97.463	10.625	12.75
325	COL67	Z	97.463	97.463	12.75	14.875
326	COL67	Z	97.463	121.832	14.875	17
327	COL67	Z	121.832	121.832	17	19.125
328	COL67	Z	121.832	97.463	19.125	21.25
329	COL67	Z	97.463	97.463	21.25	23.375
330	COL11	X	452.394	452.394	0.0009851	33.996
331	COL13	X	205.329	205.329	0	2.048
332	COL13	X	205.329	205.329	2.048	4.097
333	COL13	X	205.329	205.329	4.097	6.145
334	COL13	X	205.329	205.329	6.145	8.194
335	COL13	X	205.329	205.329	8.194	10.242
336	COL13	X	205.329	205.329	10.242	12.29
337	COL13	X	205.329	218.143	12.29	14.339
338	COL13	X	218.143	256.663	14.339	16.387
339	COL13	X	256.663	243.848	16.387	18.435
340	COL13	X	243.848	205.329	18.435	20.484
341	COL13	X	205.329	205.329	20.484	22.532
342	COL13	X	205.329	205.329	22.532	24.581
343	COL13	X	205.329	205.329	24.581	26.629
344	COL13	X	205.329	205.358	26.629	28.677
345	COL13	X	205.358	205.571	28.677	30.726
346	COL13	X	205.571	205.934	30.726	32.774
347	COL13	X	205.934	206.144	32.774	34.823
348	COL13	X	206.144	206.175	34.823	36.871
349	COL13	X	206.175	206.175	36.871	38.919
350	COL13	X	206.175	206.175	38.919	40.968
351	COL13	X	206.175	206.05	40.968	43.016
352	COL13	X	206.05	205.273	43.016	45.065
353	COL13	X	205.273	216.598	45.065	47.113
354	COL13	X	216.598	240.023	47.113	49.161
355	COL13	X	240.023	237.969	49.161	51.21
356	COL13	X	237.969	211.701	51.21	53.258
357	COL13	X	211.701	198.432	53.258	55.306
358	COL13	X	198.432	198.094	55.306	57.355
359	COL13	X	198.094	198.841	57.355	59.403
360	COL13	X	198.841	199.911	59.403	61.452
361	COL13	X	199.911	200.889	61.452	63.5
362	COL14	X	437.359	437.359	0	2
363	COL14	X	437.359	437.359	2	4
364	COL14	X	437.359	437.359	4	6
365	COL14	X	437.359	437.359	6	8
366	COL14	X	437.359	437.359	8	10
367	COL14	X	437.359	437.359	10	12
368	COL14	X	437.359	437.359	12	14
369	COL14	X	437.359	437.359	14	16
370	COL14	X	437.359	437.359	16	18
371	COL14	X	437.359	437.359	18	20
372	COL14	X	437.359	437.359	20	22
373	COL14	X	437.359	437.359	22	24
374	COL14	X	437.359	437.359	24	26
375	COL14	X	437.359	437.404	26	28
376	COL14	X	437.404	437.796	28	30
377	COL14	X	437.796	438.892	30	32
378	COL14	X	438.892	440.388	32	34
379	COL26	X	434.191	434.941	0	2.029
380	COL26	X	434.941	434.996	2.029	4.058
381	COL26	X	434.996	433.941	4.058	6.088
382	COL26	X	433.941	432.326	6.088	8.117
383	COL26	X	432.326	435.008	8.117	10.146
384	COL26	X	435.008	442.085	10.146	12.175
385	COL26	X	442.085	444.728	12.175	14.205
386	COL26	X	444.728	443.129	14.205	16.234
387	COL26	X	443.129	441.766	16.234	18.263

Member Distributed Loads (BLC 55 : BLC 21 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
388	COL26	X	441.766	440.496	18.263	20.292
389	COL26	X	440.496	439.272	20.292	22.321
390	COL26	X	439.272	438.092	22.321	24.351
391	COL30	X	432.8	434.401	0	2.037
392	COL30	X	434.401	435.779	2.037	4.075
393	COL30	X	435.779	436.98	4.075	6.112
394	COL30	X	436.98	438.094	6.112	8.15
395	COL30	X	438.094	438.69	8.15	10.187
396	COL30	X	438.69	438.633	10.187	12.225
397	COL30	X	438.633	438.423	12.225	14.262
398	COL30	X	438.423	447.638	14.262	16.3
399	COL30	X	447.638	448.705	16.3	18.337
400	COL30	X	448.705	428.845	18.337	20.375
401	COL30	X	428.845	427.905	20.375	22.412
402	COL30	X	427.905	441.46	22.412	24.449
403	COL30	X	441.46	447.105	24.449	26.487
404	COL30	X	447.105	452.728	26.487	28.524
405	COL35	X	426.716	426.752	0	2.116
406	COL35	X	426.752	427.906	2.116	4.232
407	COL35	X	427.906	504.788	4.232	6.349
408	COL35	X	504.788	508.414	6.349	8.465
409	COL35	X	508.414	428.942	8.465	10.581
410	COL35	X	428.942	431.076	10.581	12.697
411	COL35	X	431.076	441.568	12.697	14.813
412	COL35	X	441.568	442.416	14.813	16.929
413	COL35	X	442.416	454.755	16.929	19.046
414	COL35	X	454.755	463.086	19.046	21.162
415	COL35	X	463.086	454.759	21.162	23.278
416	COL35	X	454.759	446.44	23.278	25.394
417	COL37	X	447.13	452.434	0	2.034
418	COL37	X	452.434	459.73	2.034	4.067
419	COL37	X	459.73	458.613	4.067	6.101
420	COL37	X	458.613	450.869	6.101	8.135
421	COL37	X	450.869	448.738	8.135	10.168
422	COL37	X	448.738	443.9	10.168	12.202
423	COL37	X	443.9	438.952	12.202	14.236
424	COL37	X	438.952	445.235	14.236	16.269
425	COL37	X	445.235	453.054	16.269	18.303
426	COL37	X	453.054	455.58	18.303	20.337
427	COL37	X	455.58	458.76	20.337	22.37
428	COL37	X	458.76	458.342	22.37	24.404
429	COL37	X	458.342	453.638	24.404	26.438
430	COL46	X	424.852	421.804	0	2.114
431	COL46	X	421.804	418.486	2.114	4.228
432	COL46	X	418.486	495.349	4.228	6.342
433	COL46	X	495.349	527.898	6.342	8.456
434	COL46	X	527.898	450.081	8.456	10.57
435	COL46	X	450.081	416.45	10.57	12.684
436	COL46	X	416.45	412.646	12.684	14.797
437	COL46	X	412.646	417.631	14.797	16.911
438	COL46	X	417.631	476.595	16.911	19.025
439	COL46	X	476.595	493.992	19.025	21.139
440	COL46	X	493.992	451.628	21.139	23.253
441	COL46	X	451.628	439.961	23.253	25.367
442	COL46	X	439.961	431.958	25.367	27.481
443	COL60	X	211.556	211.556	0	2
444	COL60	X	211.556	211.556	2	4
445	COL60	X	211.556	211.556	4	6
446	COL60	X	211.556	211.556	6	8
447	COL60	X	211.556	211.556	8	10
448	COL60	X	211.556	211.556	10	12
449	COL60	X	211.556	211.556	12	14
450	COL60	X	211.556	211.556	14	16
451	COL60	X	211.556	211.556	16	18
452	COL60	X	211.556	211.556	18	20
453	COL60	X	211.556	211.556	20	22
454	COL60	X	211.556	211.556	22	24
455	COL60	X	211.556	211.556	24	26

Member Distributed Loads (BLC 55 : BLC 21 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
456	COL60	X	211.556	211.556	26	28
457	COL60	X	211.556	211.424	28	30
458	COL60	X	211.424	210.875	30	32
459	COL60	X	210.875	210.039	32	34
460	COL62	X	437.775	437.775	0	2
461	COL62	X	437.775	437.775	2	4
462	COL62	X	437.775	437.775	4	6
463	COL62	X	437.775	437.775	6	8
464	COL62	X	437.775	437.775	8	10
465	COL62	X	437.775	437.775	10	12
466	COL62	X	437.775	437.775	12	14
467	COL62	X	437.775	437.775	14	16
468	COL62	X	437.775	437.775	16	18
469	COL62	X	437.775	437.775	18	20
470	COL62	X	437.775	437.775	20	22
471	COL62	X	437.775	437.775	22	24
472	COL62	X	437.775	437.775	24	26
473	COL62	X	437.775	437.775	26	28
474	COL62	X	437.775	438.052	28	30
475	COL62	X	438.052	438.981	30	32
476	COL62	X	438.981	440.285	32	34
477	COL63	X	452.505	452.505	0	2
478	COL63	X	452.505	452.505	2	4
479	COL63	X	452.505	452.505	4	6
480	COL63	X	452.505	452.505	6	8
481	COL63	X	452.505	452.505	8	10
482	COL63	X	452.505	452.505	10	12
483	COL63	X	452.505	452.505	12	14
484	COL63	X	452.505	452.505	14	16
485	COL63	X	452.505	452.505	16	18
486	COL63	X	452.505	452.505	18	20
487	COL63	X	452.505	452.505	20	22
488	COL63	X	452.505	452.505	22	24
489	COL63	X	452.505	452.505	24	26
490	COL63	X	452.505	452.505	26	28
491	COL63	X	452.505	452.524	28	30
492	COL63	X	452.524	452.363	30	32
493	COL63	X	452.363	452.004	32	34
494	COL64	X	452.636	452.636	0.0007301	34
495	COL67	X	197.73	196.929	0	2.125
496	COL67	X	196.929	212.624	2.125	4.25
497	COL67	X	212.624	245.272	4.25	6.375
498	COL67	X	245.272	229.057	6.375	8.5
499	COL67	X	229.057	196.288	8.5	10.625
500	COL67	X	196.288	196.288	10.625	12.75
501	COL67	X	196.288	196.288	12.75	14.875
502	COL67	X	196.288	212.504	14.875	17
503	COL67	X	212.504	232.931	17	19.125
504	COL67	X	232.931	229.057	19.125	21.25
505	COL67	X	229.057	212.883	21.25	23.375
506	EDGE32	X	17.083	17.083	0.714	1.714
507	EDGE33	X	31.756	31.756	0	0.55
508	EDGE46	X	23.096	23.096	23.518	25.022
509	BM16	Y	457.103	456.873	0	2.082
510	BM16	Y	456.873	456.232	2.082	4.164
511	BM16	Y	456.232	449.838	4.164	6.246
512	BM16	Y	449.838	448.297	6.246	8.329
513	BM16	Y	448.297	448.926	8.329	10.411
514	BM16	Y	448.926	442.491	10.411	12.493
515	BM16	Y	442.491	442.343	12.493	14.575
516	BM16	Y	442.343	449.427	14.575	16.657
517	BM16	Y	449.427	453.322	16.657	18.739
518	BM16	Y	453.322	447.28	18.739	20.822
519	BM16	Y	447.28	453.217	20.822	22.904
520	BM16	Y	453.217	464.668	22.904	24.986
521	BM16	Y	464.668	464.737	24.986	27.068
522	BM16	Y	464.737	464.728	27.068	29.15
523	BM17	Y	340.936	340.986	0	2.082

Member Distributed Loads (BLC 55 : BLC 21 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
524	BM17	Y	340.986	341.011	2.082	4.164
525	BM17	Y	341.011	401.848	4.164	6.246
526	BM17	Y	401.848	417.964	6.246	8.329
527	BM17	Y	417.964	364.695	8.329	10.411
528	BM17	Y	364.695	347.003	10.411	12.493
529	BM17	Y	347.003	336.86	12.493	14.575
530	BM17	Y	336.86	335.344	14.575	16.657
531	BM17	Y	335.344	339.509	16.657	18.739
532	BM17	Y	339.509	400.701	18.739	20.822
533	BM17	Y	400.701	416.946	20.822	22.904
534	BM17	Y	416.946	357.323	22.904	24.986
535	BM17	Y	357.323	337.974	24.986	27.068
536	BM17	Y	337.974	337.996	27.068	29.15
537	BM35	Y	463.965	463.713	0	2.082
538	BM35	Y	463.713	463.072	2.082	4.164
539	BM35	Y	463.072	452.239	4.164	6.246
540	BM35	Y	452.239	441.358	6.246	8.329
541	BM35	Y	441.358	440.609	8.329	10.411
542	BM35	Y	440.609	440.383	10.411	12.493
543	BM35	Y	440.383	440.144	12.493	14.575
544	BM35	Y	440.144	439.825	14.575	16.657
545	BM35	Y	439.825	440.265	16.657	18.739
546	BM35	Y	440.265	442.077	18.739	20.822
547	BM35	Y	442.077	456.845	20.822	22.904
548	BM35	Y	456.845	471.678	22.904	24.986
549	BM35	Y	471.678	473.522	24.986	27.068
550	BM35	Y	473.522	474.574	27.068	29.15
551	BM36	Y	463.901	463.633	0	2.082
552	BM36	Y	463.633	462.971	2.082	4.164
553	BM36	Y	462.971	452.207	4.164	6.246
554	BM36	Y	452.207	441.445	6.246	8.329
555	BM36	Y	441.445	440.709	8.329	10.411
556	BM36	Y	440.709	440.446	10.411	12.493
557	BM36	Y	440.446	440.166	12.493	14.575
558	BM36	Y	440.166	439.795	14.575	16.657
559	BM36	Y	439.795	440.194	16.657	18.739
560	BM36	Y	440.194	442.123	18.739	20.822
561	BM36	Y	442.123	456.953	20.822	22.904
562	BM36	Y	456.953	471.682	22.904	24.986
563	BM36	Y	471.682	473.475	24.986	27.068
564	BM36	Y	473.475	474.5	27.068	29.15
565	BM37	Y	448.903	448.089	0	2.082
566	BM37	Y	448.089	446.753	2.082	4.164
567	BM37	Y	446.753	435.216	4.164	6.246
568	BM37	Y	435.216	423.567	6.246	8.329
569	BM37	Y	423.567	421.79	8.329	10.411
570	BM37	Y	421.79	428.555	10.411	12.493
571	BM37	Y	428.555	439.261	12.493	14.575
572	BM37	Y	439.261	437.382	14.575	16.657
573	BM37	Y	437.382	431.185	16.657	18.739
574	BM37	Y	431.185	424.639	18.739	20.822
575	BM37	Y	424.639	438.264	20.822	22.904
576	BM37	Y	438.264	465.579	22.904	24.986
577	BM37	Y	465.579	455.287	24.986	27.068
578	BM37	Y	455.287	418.19	27.068	29.15
579	EDGE18	Y	200.782	200.814	0	2.082
580	EDGE18	Y	200.814	200.811	2.082	4.164
581	EDGE18	Y	200.811	213.135	4.164	6.246
582	EDGE18	Y	213.135	229.713	6.246	8.329
583	EDGE18	Y	229.713	233.411	8.329	10.411
584	EDGE18	Y	233.411	219.469	10.411	12.493
585	EDGE18	Y	219.469	201.127	12.493	14.575
586	EDGE18	Y	201.127	195.58	14.575	16.657
587	EDGE18	Y	195.58	194.825	16.657	18.739
588	EDGE18	Y	194.825	215.079	18.739	20.822
589	EDGE18	Y	215.079	243.112	20.822	22.904
590	EDGE18	Y	243.112	222.565	22.904	24.986
591	EDGE18	Y	222.565	194.386	24.986	27.068

Member Distributed Loads (BLC 55 : BLC 21 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
592	EDGE18	Y	194.386	194.387	27.068	29.15
593	EDGE34	Y	134.768	134.768	0	2.059
594	EDGE34	Y	134.768	134.768	2.059	4.119
595	EDGE34	Y	134.768	134.768	4.119	6.178
596	EDGE34	Y	134.768	134.798	6.178	8.238
597	EDGE34	Y	134.798	135.09	8.238	10.297
598	EDGE34	Y	135.09	135.694	10.297	12.357
599	EDGE34	Y	135.694	136.312	12.357	14.416
600	EDGE34	Y	136.312	143.908	14.416	16.476
601	EDGE34	Y	143.908	148.11	16.476	18.535
602	EDGE34	Y	148.11	137.995	18.535	20.595
603	EDGE34	Y	137.995	135.801	20.595	22.654
604	EDGE34	Y	135.801	145.378	22.654	24.714
605	EDGE34	Y	145.378	154.927	24.714	26.773
606	EDGE49	Y	0	148.822	0	0.475
607	EDGE49	Y	148.822	148.822	0.475	0.951
608	EDGE49	Y	148.822	149.82	0.951	1.426
609	EDGE49	Y	149.82	149.82	1.426	1.902
610	EDGE49	Y	149.82	0	1.902	2.377
611	DIAPH227	Y	263.581	263.581	0	8.257
612	EDGE12	Y	242.088	242.088	0	8.257
613	EDGE43	Y	21.494	21.494	0	8.257
614	BM10	Y	452.541	452.541	0	2.01
615	BM10	Y	452.541	452.541	2.01	4.021
616	BM10	Y	452.541	452.541	4.021	6.031
617	BM10	Y	452.541	452.541	6.031	8.042
618	BM10	Y	452.541	452.541	8.042	10.052
619	BM10	Y	452.541	452.541	10.052	12.063
620	BM10	Y	452.541	452.541	12.063	14.073
621	BM10	Y	452.541	452.541	14.073	16.084
622	BM10	Y	452.541	452.541	16.084	18.094
623	BM10	Y	452.541	452.541	18.094	20.104
624	BM10	Y	452.541	452.541	20.104	22.115
625	BM10	Y	452.541	452.541	22.115	24.125
626	BM10	Y	452.541	452.541	24.125	26.136
627	BM10	Y	452.541	452.001	26.136	28.146
628	BM10	Y	452.001	450.133	28.146	30.157
629	BM10	Y	450.133	447.478	30.157	32.167
630	BM11	Y	444.081	444.081	0	2.01
631	BM11	Y	444.081	444.081	2.01	4.021
632	BM11	Y	444.081	444.081	4.021	6.031
633	BM11	Y	444.081	444.081	6.031	8.042
634	BM11	Y	444.081	444.081	8.042	10.052
635	BM11	Y	444.081	444.374	10.052	12.063
636	BM11	Y	444.374	445.207	12.063	14.073
637	BM11	Y	445.207	446.268	14.073	16.084
638	BM11	Y	446.268	447.395	16.084	18.094
639	BM11	Y	447.395	448.243	18.094	20.104
640	BM11	Y	448.243	448.548	20.104	22.115
641	BM11	Y	448.548	448.669	22.115	24.125
642	BM11	Y	448.669	448.698	24.125	26.136
643	BM11	Y	448.698	448.289	26.136	28.146
644	BM11	Y	448.289	447.002	28.146	30.157
645	BM11	Y	447.002	445.184	30.157	32.167
646	BM12	Y	452.541	452.541	0	2.01
647	BM12	Y	452.541	452.541	2.01	4.021
648	BM12	Y	452.541	452.541	4.021	6.031
649	BM12	Y	452.541	452.541	6.031	8.042
650	BM12	Y	452.541	452.541	8.042	10.052
651	BM12	Y	452.541	452.541	10.052	12.063
652	BM12	Y	452.541	452.541	12.063	14.073
653	BM12	Y	452.541	452.541	14.073	16.084
654	BM12	Y	452.541	452.541	16.084	18.094
655	BM12	Y	452.541	452.541	18.094	20.104
656	BM12	Y	452.541	452.541	20.104	22.115
657	BM12	Y	452.541	452.541	22.115	24.125
658	BM12	Y	452.541	452.541	24.125	26.136
659	BM12	Y	452.541	452.001	26.136	28.146

Member Distributed Loads (BLC 55 : BLC 21 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
660	BM12	Y	452.001	450.133	28.146	30.157
661	BM12	Y	450.133	447.478	30.157	32.167
662	BM13	Y	452.541	452.541	0	2.01
663	BM13	Y	452.541	452.541	2.01	4.021
664	BM13	Y	452.541	452.541	4.021	6.031
665	BM13	Y	452.541	452.541	6.031	8.042
666	BM13	Y	452.541	452.541	8.042	10.052
667	BM13	Y	452.541	452.541	10.052	12.063
668	BM13	Y	452.541	452.541	12.063	14.073
669	BM13	Y	452.541	452.541	14.073	16.084
670	BM13	Y	452.541	452.541	16.084	18.094
671	BM13	Y	452.541	452.541	18.094	20.104
672	BM13	Y	452.541	452.541	20.104	22.115
673	BM13	Y	452.541	452.541	22.115	24.125
674	BM13	Y	452.541	452.541	24.125	26.136
675	BM13	Y	452.541	452.001	26.136	28.146
676	BM13	Y	452.001	450.133	28.146	30.157
677	BM13	Y	450.133	447.478	30.157	32.167
678	BM14	Y	452.541	452.541	0	2.01
679	BM14	Y	452.541	452.541	2.01	4.021
680	BM14	Y	452.541	452.541	4.021	6.031
681	BM14	Y	452.541	452.541	6.031	8.042
682	BM14	Y	452.541	452.541	8.042	10.052
683	BM14	Y	452.541	452.541	10.052	12.063
684	BM14	Y	452.541	452.541	12.063	14.073
685	BM14	Y	452.541	452.541	14.073	16.084
686	BM14	Y	452.541	452.541	16.084	18.094
687	BM14	Y	452.541	452.541	18.094	20.104
688	BM14	Y	452.541	452.541	20.104	22.115
689	BM14	Y	452.541	452.541	22.115	24.125
690	BM14	Y	452.541	452.541	24.125	26.136
691	BM14	Y	452.541	452.001	26.136	28.146
692	BM14	Y	452.001	450.133	28.146	30.157
693	BM14	Y	450.133	447.478	30.157	32.167
694	BM15	Y	301.246	301.246	0	2.01
695	BM15	Y	301.246	301.246	2.01	4.021
696	BM15	Y	301.246	301.246	4.021	6.031
697	BM15	Y	301.246	301.246	6.031	8.042
698	BM15	Y	301.246	301.271	8.042	10.052
699	BM15	Y	301.271	301.647	10.052	12.063
700	BM15	Y	301.647	302.636	12.063	14.073
701	BM15	Y	302.636	304.18	14.073	16.084
702	BM15	Y	304.18	306.329	16.084	18.094
703	BM15	Y	306.329	307.999	18.094	20.104
704	BM15	Y	307.999	307.286	20.104	22.115
705	BM15	Y	307.286	304.862	22.115	24.125
706	BM15	Y	304.862	302.63	24.125	26.136
707	BM15	Y	302.63	301.046	26.136	28.146
708	BM15	Y	301.046	300.204	28.146	30.157
709	BM15	Y	300.204	299.795	30.157	32.167
710	BM18	Y	452.516	452.516	0.017	32.162
711	BM20	Y	283.95	284.867	0	2.117
712	BM20	Y	284.867	286.553	2.117	4.233
713	BM20	Y	286.553	328.996	4.233	6.35
714	BM20	Y	328.996	331.502	6.35	8.466
715	BM20	Y	331.502	291.021	8.466	10.583
716	BM20	Y	291.021	287.743	10.583	12.699
717	BM20	Y	287.743	284.916	12.699	14.816
718	BM20	Y	284.916	282.595	14.816	16.932
719	BM20	Y	282.595	330.565	16.932	19.049
720	BM20	Y	330.565	350.205	19.049	21.165
721	BM20	Y	350.205	300.425	21.165	23.282
722	BM20	Y	300.425	279.977	23.282	25.398
723	BM20	Y	279.977	279.977	25.398	27.515
724	BM21	Y	424.928	422.418	0	2.117
725	BM21	Y	422.418	420.646	2.117	4.233
726	BM21	Y	420.646	525.175	4.233	6.35
727	BM21	Y	525.175	525.175	6.35	8.466

Member Distributed Loads (BLC 55 : BLC 21 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
728	BM21	Y	525.175	420.13	8.466	10.583
729	BM21	Y	420.13	420.13	10.583	12.699
730	BM21	Y	420.13	420.13	12.699	14.816
731	BM21	Y	420.13	420.13	14.816	16.932
732	BM21	Y	420.13	525.175	16.932	19.049
733	BM21	Y	525.175	525.175	19.049	21.165
734	BM21	Y	525.175	420.13	21.165	23.282
735	BM21	Y	420.13	420.13	23.282	25.398
736	BM21	Y	420.13	420.13	25.398	27.515
737	BM22	Y	452.516	452.516	0.017	32.162
738	BM24	Y	424.928	422.418	0	2.117
739	BM24	Y	422.418	420.646	2.117	4.233
740	BM24	Y	420.646	525.175	4.233	6.35
741	BM24	Y	525.175	525.175	6.35	8.466
742	BM24	Y	525.175	420.13	8.466	10.583
743	BM24	Y	420.13	420.13	10.583	12.699
744	BM24	Y	420.13	420.13	12.699	14.816
745	BM24	Y	420.13	420.13	14.816	16.932
746	BM24	Y	420.13	525.175	16.932	19.049
747	BM24	Y	525.175	525.175	19.049	21.165
748	BM24	Y	525.175	420.13	21.165	23.282
749	BM24	Y	420.13	420.13	23.282	25.398
750	BM24	Y	420.13	420.13	25.398	27.515
751	BM25	Y	424.928	422.418	0	2.117
752	BM25	Y	422.418	420.646	2.117	4.233
753	BM25	Y	420.646	525.175	4.233	6.35
754	BM25	Y	525.175	525.175	6.35	8.466
755	BM25	Y	525.175	420.13	8.466	10.583
756	BM25	Y	420.13	420.13	10.583	12.699
757	BM25	Y	420.13	420.13	12.699	14.816
758	BM25	Y	420.13	420.13	14.816	16.932
759	BM25	Y	420.13	525.175	16.932	19.049
760	BM25	Y	525.175	525.175	19.049	21.165
761	BM25	Y	525.175	420.13	21.165	23.282
762	BM25	Y	420.13	420.13	23.282	25.398
763	BM25	Y	420.13	420.13	25.398	27.515
764	BM27	Y	424.928	422.418	0	2.117
765	BM27	Y	422.418	420.646	2.117	4.233
766	BM27	Y	420.646	525.175	4.233	6.35
767	BM27	Y	525.175	525.175	6.35	8.466
768	BM27	Y	525.175	420.13	8.466	10.583
769	BM27	Y	420.13	420.13	10.583	12.699
770	BM27	Y	420.13	420.13	12.699	14.816
771	BM27	Y	420.13	420.13	14.816	16.932
772	BM27	Y	420.13	525.175	16.932	19.049
773	BM27	Y	525.175	525.175	19.049	21.165
774	BM27	Y	525.175	420.13	21.165	23.282
775	BM27	Y	420.13	420.13	23.282	25.398
776	BM27	Y	420.13	420.13	25.398	27.515
777	BM32	Y	452.541	452.541	0	2.01
778	BM32	Y	452.541	452.541	2.01	4.021
779	BM32	Y	452.541	452.541	4.021	6.031
780	BM32	Y	452.541	452.541	6.031	8.042
781	BM32	Y	452.541	452.541	8.042	10.052
782	BM32	Y	452.541	452.541	10.052	12.063
783	BM32	Y	452.541	452.541	12.063	14.073
784	BM32	Y	452.541	452.541	14.073	16.084
785	BM32	Y	452.541	452.541	16.084	18.094
786	BM32	Y	452.541	452.541	18.094	20.104
787	BM32	Y	452.541	452.541	20.104	22.115
788	BM32	Y	452.541	452.541	22.115	24.125
789	BM32	Y	452.541	452.541	24.125	26.136
790	BM32	Y	452.541	452.001	26.136	28.146
791	BM32	Y	452.001	450.133	28.146	30.157
792	BM32	Y	450.133	447.478	30.157	32.167
793	BM33	Y	452.541	452.541	0	2.01
794	BM33	Y	452.541	452.541	2.01	4.021
795	BM33	Y	452.541	452.541	4.021	6.031

Member Distributed Loads (BLC 55 : BLC 21 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
796	BM33	Y	452.541	452.541	6.031	8.042
797	BM33	Y	452.541	452.541	8.042	10.052
798	BM33	Y	452.541	452.541	10.052	12.063
799	BM33	Y	452.541	452.541	12.063	14.073
800	BM33	Y	452.541	452.541	14.073	16.084
801	BM33	Y	452.541	452.541	16.084	18.094
802	BM33	Y	452.541	452.541	18.094	20.104
803	BM33	Y	452.541	452.541	20.104	22.115
804	BM33	Y	452.541	452.541	22.115	24.125
805	BM33	Y	452.541	452.541	24.125	26.136
806	BM33	Y	452.541	452.001	26.136	28.146
807	BM33	Y	452.001	450.133	28.146	30.157
808	BM33	Y	450.133	447.478	30.157	32.167
809	BM34	Y	421.992	421.992	0	2.01
810	BM34	Y	421.992	421.992	2.01	4.021
811	BM34	Y	421.992	421.992	4.021	6.031
812	BM34	Y	421.992	421.992	6.031	8.042
813	BM34	Y	421.992	421.992	8.042	10.052
814	BM34	Y	421.992	421.992	10.052	12.063
815	BM34	Y	421.992	421.992	12.063	14.073
816	BM34	Y	421.992	421.992	14.073	16.084
817	BM34	Y	421.992	421.992	16.084	18.094
818	BM34	Y	421.992	421.992	18.094	20.104
819	BM34	Y	421.992	421.992	20.104	22.115
820	BM34	Y	421.992	421.992	22.115	24.125
821	BM34	Y	421.992	421.992	24.125	26.136
822	BM34	Y	421.992	421.441	26.136	28.146
823	BM34	Y	421.441	419.757	28.146	30.157
824	BM34	Y	419.757	417.488	30.157	32.167
825	BM38	Y	422.309	419.097	0	2.117
826	BM38	Y	419.097	416.364	2.117	4.233
827	BM38	Y	416.364	483.932	4.233	6.35
828	BM38	Y	483.932	508.04	6.35	8.466
829	BM38	Y	508.04	446.518	8.466	10.583
830	BM38	Y	446.518	421.173	10.583	12.699
831	BM38	Y	421.173	412.762	12.699	14.816
832	BM38	Y	412.762	412.762	14.816	16.932
833	BM38	Y	412.762	473.768	16.932	19.049
834	BM38	Y	473.768	515.968	19.049	21.165
835	BM38	Y	515.968	454.962	21.165	23.282
836	BM38	Y	454.962	412.762	23.282	25.398
837	BM38	Y	412.762	412.762	25.398	27.515
838	BM39	Y	424.928	422.418	0	2.117
839	BM39	Y	422.418	420.646	2.117	4.233
840	BM39	Y	420.646	525.175	4.233	6.35
841	BM39	Y	525.175	525.175	6.35	8.466
842	BM39	Y	525.175	420.13	8.466	10.583
843	BM39	Y	420.13	420.13	10.583	12.699
844	BM39	Y	420.13	420.13	12.699	14.816
845	BM39	Y	420.13	420.13	14.816	16.932
846	BM39	Y	420.13	525.175	16.932	19.049
847	BM39	Y	525.175	525.175	19.049	21.165
848	BM39	Y	525.175	420.13	21.165	23.282
849	BM39	Y	420.13	420.13	23.282	25.398
850	BM39	Y	420.13	420.13	25.398	27.515
851	BM40	Y	396.148	393.896	0	2.117
852	BM40	Y	393.896	392.272	2.117	4.233
853	BM40	Y	392.272	489.727	4.233	6.35
854	BM40	Y	489.727	489.727	6.35	8.466
855	BM40	Y	489.727	391.773	8.466	10.583
856	BM40	Y	391.773	391.773	10.583	12.699
857	BM40	Y	391.773	391.773	12.699	14.816
858	BM40	Y	391.773	391.773	14.816	16.932
859	BM40	Y	391.773	489.727	16.932	19.049
860	BM40	Y	489.727	489.727	19.049	21.165
861	BM40	Y	489.727	391.773	21.165	23.282
862	BM40	Y	391.773	391.773	23.282	25.398
863	BM40	Y	391.773	391.773	25.398	27.515

Member Distributed Loads (BLC 55 : BLC 21 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
864	BM41	Y	424.928	422.418	0	2.117
865	BM41	Y	422.418	420.646	2.117	4.233
866	BM41	Y	420.646	525.175	4.233	6.35
867	BM41	Y	525.175	525.175	6.35	8.466
868	BM41	Y	525.175	420.13	8.466	10.583
869	BM41	Y	420.13	420.13	10.583	12.699
870	BM41	Y	420.13	420.13	12.699	14.816
871	BM41	Y	420.13	420.13	14.816	16.932
872	BM41	Y	420.13	525.175	16.932	19.049
873	BM41	Y	525.175	525.175	19.049	21.165
874	BM41	Y	525.175	420.13	21.165	23.282
875	BM41	Y	420.13	420.13	23.282	25.398
876	BM41	Y	420.13	420.13	25.398	27.515
877	BM42	Y	452.516	452.516	0.017	32.162
878	BM43	Y	444.755	447.371	0	2.01
879	BM43	Y	447.371	448.986	2.01	4.021
880	BM43	Y	448.986	449.216	4.021	6.031
881	BM43	Y	449.216	449.184	6.031	8.042
882	BM43	Y	449.184	449.195	8.042	10.052
883	BM43	Y	449.195	448.882	10.052	12.063
884	BM43	Y	448.882	447.905	12.063	14.073
885	BM43	Y	447.905	446.635	14.073	16.084
886	BM43	Y	446.635	445.415	16.084	18.094
887	BM43	Y	445.415	444.43	18.094	20.104
888	BM43	Y	444.43	444.093	20.104	22.115
889	BM43	Y	444.093	444.093	22.115	24.125
890	BM43	Y	444.093	444.093	24.125	26.136
891	BM43	Y	444.093	444.093	26.136	28.146
892	BM43	Y	444.093	444.093	28.146	30.157
893	BM43	Y	444.093	444.093	30.157	32.167
894	BM44	Y	452.516	452.516	0.017	32.162
895	BM45	Y	417.473	419.772	0	2.01
896	BM45	Y	419.772	421.457	2.01	4.021
897	BM45	Y	421.457	421.992	4.021	6.031
898	BM45	Y	421.992	421.992	6.031	8.042
899	BM45	Y	421.992	421.992	8.042	10.052
900	BM45	Y	421.992	421.992	10.052	12.063
901	BM45	Y	421.992	421.992	12.063	14.073
902	BM45	Y	421.992	421.992	14.073	16.084
903	BM45	Y	421.992	421.992	16.084	18.094
904	BM45	Y	421.992	421.992	18.094	20.104
905	BM45	Y	421.992	421.992	20.104	22.115
906	BM45	Y	421.992	421.992	22.115	24.125
907	BM45	Y	421.992	421.992	24.125	26.136
908	BM45	Y	421.992	421.992	26.136	28.146
909	BM45	Y	421.992	421.992	28.146	30.157
910	BM45	Y	421.992	421.992	30.157	32.167
911	BM46	Y	452.516	452.516	0.017	32.162
912	BM47	Y	452.516	452.516	0.017	32.162
913	BM48	Y	298.175	299.6	0	2.01
914	BM48	Y	299.6	301.04	2.01	4.021
915	BM48	Y	301.04	302.688	4.021	6.031
916	BM48	Y	302.688	304.948	6.031	8.042
917	BM48	Y	304.948	307.353	8.042	10.052
918	BM48	Y	307.353	308.043	10.052	12.063
919	BM48	Y	308.043	306.388	12.063	14.073
920	BM48	Y	306.388	304.222	14.073	16.084
921	BM48	Y	304.222	302.664	16.084	18.094
922	BM48	Y	302.664	301.654	18.094	20.104
923	BM48	Y	301.654	301.287	20.104	22.115
924	BM48	Y	301.287	301.262	22.115	24.125
925	BM48	Y	301.262	301.262	24.125	26.136
926	BM48	Y	301.262	301.262	26.136	28.146
927	BM48	Y	301.262	301.262	28.146	30.157
928	BM48	Y	301.262	301.262	30.157	32.167
929	EDGE10	Y	204.181	204.181	0	2.085
930	EDGE10	Y	204.181	204.181	2.085	4.17
931	EDGE10	Y	204.181	255.093	4.17	6.255

Member Distributed Loads (BLC 55 : BLC 21 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
932	EDGE10	Y	255.093	255.093	6.255	8.341
933	EDGE10	Y	255.093	204.181	8.341	10.426
934	EDGE10	Y	204.181	204.181	10.426	12.511
935	EDGE10	Y	204.181	204.181	12.511	14.596
936	EDGE10	Y	204.181	204.181	14.596	16.681
937	EDGE10	Y	204.181	242.315	16.681	18.766
938	EDGE10	Y	242.315	255.093	18.766	20.851
939	EDGE10	Y	255.093	216.959	20.851	22.937
940	EDGE10	Y	216.959	191.403	22.937	25.022
941	EDGE17	Y	100.268	110.827	0	2.127
942	EDGE17	Y	110.827	113.361	2.127	4.254
943	EDGE17	Y	113.361	105.823	4.254	6.381
944	EDGE17	Y	105.823	100.376	6.381	8.507
945	EDGE17	Y	100.376	99.276	8.507	10.634
946	EDGE17	Y	99.276	98.655	10.634	12.761
947	EDGE17	Y	98.655	110.803	12.761	14.888
948	EDGE17	Y	110.803	123.035	14.888	17.015
949	EDGE17	Y	123.035	110.708	17.015	19.142
950	EDGE17	Y	110.708	98.476	19.142	21.269
951	EDGE17	Y	98.476	98.476	21.269	23.395
952	EDGE29	Y	204.181	204.181	0	2.085
953	EDGE29	Y	204.181	204.181	2.085	4.17
954	EDGE29	Y	204.181	255.093	4.17	6.255
955	EDGE29	Y	255.093	255.093	6.255	8.341
956	EDGE29	Y	255.093	204.181	8.341	10.426
957	EDGE29	Y	204.181	204.181	10.426	12.511
958	EDGE29	Y	204.181	204.181	12.511	14.596
959	EDGE29	Y	204.181	204.181	14.596	16.681
960	EDGE29	Y	204.181	242.315	16.681	18.766
961	EDGE29	Y	242.315	255.093	18.766	20.851
962	EDGE29	Y	255.093	216.959	20.851	22.937
963	EDGE29	Y	216.959	191.403	22.937	25.022
964	EDGE30	Y	222.509	229.621	0	2.127
965	EDGE30	Y	229.621	232.492	2.127	4.254
966	EDGE30	Y	232.492	218.524	4.254	6.381
967	EDGE30	Y	218.524	204.667	6.381	8.507
968	EDGE30	Y	204.667	203.599	8.507	10.634
969	EDGE30	Y	203.599	203.005	10.634	12.761
970	EDGE30	Y	203.005	232.567	12.761	14.888
971	EDGE30	Y	232.567	253.59	14.888	17.015
972	EDGE30	Y	253.59	223.928	17.015	19.142
973	EDGE30	Y	223.928	202.905	19.142	21.269
974	EDGE30	Y	202.905	202.905	21.269	23.395
975	EDGE31	Y	203.623	203.623	0	2.085
976	EDGE31	Y	203.623	203.623	2.085	4.17
977	EDGE31	Y	203.623	224.807	4.17	6.255
978	EDGE31	Y	224.807	246.792	6.255	8.341
979	EDGE31	Y	246.792	235.831	8.341	10.426
980	EDGE31	Y	235.831	216.472	10.426	12.511
981	EDGE31	Y	216.472	210.342	12.511	14.596
982	EDGE31	Y	210.342	213.167	14.596	16.681
983	EDGE31	Y	213.167	231.5	16.681	18.766
984	EDGE31	Y	231.5	225.525	18.766	20.851
985	EDGE31	Y	225.525	203.194	20.851	22.937
986	EDGE31	Y	203.194	204.43	22.937	25.022
987	EDGE32	Y	98.989	98.989	0	2.085
988	EDGE32	Y	98.989	98.989	2.085	4.17
989	EDGE32	Y	98.989	123.658	4.17	6.255
990	EDGE32	Y	123.658	123.658	6.255	8.341
991	EDGE32	Y	123.658	98.989	8.341	10.426
992	EDGE32	Y	98.989	98.989	10.426	12.511
993	EDGE32	Y	98.989	98.989	12.511	14.596
994	EDGE32	Y	98.989	98.989	14.596	16.681
995	EDGE32	Y	98.989	115.432	16.681	18.766
996	EDGE32	Y	115.432	124.216	18.766	20.851
997	EDGE32	Y	124.216	109.028	20.851	22.937
998	EDGE32	Y	109.028	93.969	22.937	25.022
999	EDGE33	Y	102.063	105.055	0	2.085

Member Distributed Loads (BLC 55 : BLC 21 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1000	EDGE33	Y	105.055	102.204	2.085	4.17
1001	EDGE33	Y	102.204	104.675	4.17	6.255
1002	EDGE33	Y	104.675	109.874	6.255	8.341
1003	EDGE33	Y	109.874	106.846	8.341	10.426
1004	EDGE33	Y	106.846	104.083	10.426	12.511
1005	EDGE33	Y	104.083	101.809	12.511	14.596
1006	EDGE33	Y	101.809	100.36	14.596	16.681
1007	EDGE33	Y	100.36	108.043	16.681	18.766
1008	EDGE33	Y	108.043	112.742	18.766	20.851
1009	EDGE33	Y	112.742	105.489	20.851	22.937
1010	EDGE33	Y	105.489	98.008	22.937	25.022
1011	EDGE43	Y	203.111	203.111	0	2.127
1012	EDGE43	Y	203.111	219.919	2.127	4.254
1013	EDGE43	Y	219.919	253.797	4.254	6.381
1014	EDGE43	Y	253.797	236.989	6.381	8.507
1015	EDGE43	Y	236.989	203.195	8.507	10.634
1016	EDGE43	Y	203.195	203.692	10.634	12.761
1017	EDGE43	Y	203.692	204.607	12.761	14.888
1018	EDGE43	Y	204.607	222.579	14.888	17.015
1019	EDGE43	Y	222.579	236.422	17.015	19.142
1020	EDGE43	Y	236.422	224.693	19.142	21.269
1021	EDGE43	Y	224.693	208.491	21.269	23.395
1022	EDGE44	Y	203.547	203.547	0	2.085
1023	EDGE44	Y	203.547	203.547	2.085	4.17
1024	EDGE44	Y	203.547	224.696	4.17	6.255
1025	EDGE44	Y	224.696	246.322	6.255	8.341
1026	EDGE44	Y	246.322	235.99	8.341	10.426
1027	EDGE44	Y	235.99	219.126	10.426	12.511
1028	EDGE44	Y	219.126	215.915	12.511	14.596
1029	EDGE44	Y	215.915	222.247	14.596	16.681
1030	EDGE44	Y	222.247	214.421	16.681	18.766
1031	EDGE44	Y	214.421	206.77	18.766	20.851
1032	EDGE44	Y	206.77	212.861	20.851	22.937
1033	EDGE44	Y	212.861	217.717	22.937	25.022
1034	EDGE45	Y	98.473	98.473	0	2.127
1035	EDGE45	Y	98.473	110.705	2.127	4.254
1036	EDGE45	Y	110.705	123.032	4.254	6.381
1037	EDGE45	Y	123.032	110.8	6.381	8.507
1038	EDGE45	Y	110.8	98.603	8.507	10.634
1039	EDGE45	Y	98.603	99.23	10.634	12.761
1040	EDGE45	Y	99.23	100.415	12.761	14.888
1041	EDGE45	Y	100.415	105.781	14.888	17.015
1042	EDGE45	Y	105.781	113.276	17.015	19.142
1043	EDGE45	Y	113.276	110.89	19.142	21.269
1044	EDGE45	Y	110.89	100.485	21.269	23.395
1045	EDGE46	Y	99.019	99.019	0	2.085
1046	EDGE46	Y	99.019	99.019	2.085	4.17
1047	EDGE46	Y	99.019	123.688	4.17	6.255
1048	EDGE46	Y	123.688	123.688	6.255	8.341
1049	EDGE46	Y	123.688	99.019	8.341	10.426
1050	EDGE46	Y	99.019	99.019	10.426	12.511
1051	EDGE46	Y	99.019	99.019	12.511	14.596
1052	EDGE46	Y	99.019	99.019	14.596	16.681
1053	EDGE46	Y	99.019	115.436	16.681	18.766
1054	EDGE46	Y	115.436	123.688	18.766	20.851
1055	EDGE46	Y	123.688	107.27	20.851	22.937
1056	EDGE46	Y	107.27	90.767	22.937	25.022
1057	EDGE47	Y	98.831	98.831	0	2.085
1058	EDGE47	Y	98.831	98.831	2.085	4.17
1059	EDGE47	Y	98.831	111.133	4.17	6.255
1060	EDGE47	Y	111.133	119.371	6.255	8.341
1061	EDGE47	Y	119.371	111.246	8.341	10.426
1062	EDGE47	Y	111.246	103.102	10.426	12.511
1063	EDGE47	Y	103.102	99.023	12.511	14.596
1064	EDGE47	Y	99.023	99.133	14.596	16.681
1065	EDGE47	Y	99.133	107.707	16.681	18.766
1066	EDGE47	Y	107.707	112.704	18.766	20.851
1067	EDGE47	Y	112.704	105.482	20.851	22.937

Member Distributed Loads (BLC 55 : BLC 21 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1068	EDGE47	Y	105.482	97.982	22.937	25.022
1069	M673	Y	452.5	452.5	2.987e-12	27.515
1070	M674	Y	420.13	420.13	0	2.117
1071	M674	Y	420.13	420.13	2.117	4.233
1072	M674	Y	420.13	525.175	4.233	6.35
1073	M674	Y	525.175	525.175	6.35	8.466
1074	M674	Y	525.175	420.13	8.466	10.583
1075	M674	Y	420.13	420.13	10.583	12.699
1076	M674	Y	420.13	420.13	12.699	14.816
1077	M674	Y	420.13	420.13	14.816	16.932
1078	M674	Y	420.13	525.175	16.932	19.049
1079	M674	Y	525.175	525.175	19.049	21.165
1080	M674	Y	525.175	420.646	21.165	23.282
1081	M674	Y	420.646	422.418	23.282	25.398
1082	M674	Y	422.418	424.928	25.398	27.515
1083	M675	Y	279.96	279.96	0	2.117
1084	M675	Y	279.96	279.96	2.117	4.233
1085	M675	Y	279.96	349.949	4.233	6.35
1086	M675	Y	349.949	349.949	6.35	8.466
1087	M675	Y	349.949	279.96	8.466	10.583
1088	M675	Y	279.96	279.96	10.583	12.699
1089	M675	Y	279.96	279.96	12.699	14.816
1090	M675	Y	279.96	279.96	14.816	16.932
1091	M675	Y	279.96	349.949	16.932	19.049
1092	M675	Y	349.949	349.949	19.049	21.165
1093	M675	Y	349.949	279.96	21.165	23.282
1094	M675	Y	279.96	279.96	23.282	25.398
1095	M675	Y	279.96	279.96	25.398	27.515
1096	M676	Y	279.935	279.935	0	2.117
1097	M676	Y	279.935	300.383	2.117	4.233
1098	M676	Y	300.383	349.925	4.233	6.35
1099	M676	Y	349.925	329.478	6.35	8.466
1100	M676	Y	329.478	279.935	8.466	10.583
1101	M676	Y	279.935	279.935	10.583	12.699
1102	M676	Y	279.935	284.011	12.699	14.816
1103	M676	Y	284.011	296.279	14.816	16.932
1104	M676	Y	296.279	345.85	16.932	19.049
1105	M676	Y	345.85	333.594	19.049	21.165
1106	M676	Y	333.594	280.285	21.165	23.282
1107	M676	Y	280.285	281.241	23.282	25.398
1108	M676	Y	281.241	282.503	25.398	27.515
1109	M677	Y	452.5	452.5	2.979e-12	27.515
1110	M684	Y	420.13	420.13	0	2.117
1111	M684	Y	420.13	420.13	2.117	4.233
1112	M684	Y	420.13	525.175	4.233	6.35
1113	M684	Y	525.175	525.175	6.35	8.466
1114	M684	Y	525.175	420.13	8.466	10.583
1115	M684	Y	420.13	420.13	10.583	12.699
1116	M684	Y	420.13	420.13	12.699	14.816
1117	M684	Y	420.13	420.13	14.816	16.932
1118	M684	Y	420.13	525.175	16.932	19.049
1119	M684	Y	525.175	525.175	19.049	21.165
1120	M684	Y	525.175	420.646	21.165	23.282
1121	M684	Y	420.646	422.418	23.282	25.398
1122	M684	Y	422.418	424.928	25.398	27.515
1123	M685	Y	452.5	452.5	2.986e-12	27.515
1124	M686	Y	420.13	420.13	0	2.117
1125	M686	Y	420.13	420.13	2.117	4.233
1126	M686	Y	420.13	525.175	4.233	6.35
1127	M686	Y	525.175	525.175	6.35	8.466
1128	M686	Y	525.175	420.13	8.466	10.583
1129	M686	Y	420.13	420.13	10.583	12.699
1130	M686	Y	420.13	420.13	12.699	14.816
1131	M686	Y	420.13	420.13	14.816	16.932
1132	M686	Y	420.13	525.175	16.932	19.049
1133	M686	Y	525.175	525.175	19.049	21.165
1134	M686	Y	525.175	420.646	21.165	23.282
1135	M686	Y	420.646	422.418	23.282	25.398

Member Distributed Loads (BLC 55 : BLC 21 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1136	M686	Y	422.418	424.928	25.398	27.515
1137	M687	Y	412.824	412.824	0	2.117
1138	M687	Y	412.824	412.824	2.117	4.233
1139	M687	Y	412.824	516.03	4.233	6.35
1140	M687	Y	516.03	516.03	6.35	8.466
1141	M687	Y	516.03	412.824	8.466	10.583
1142	M687	Y	412.824	412.824	10.583	12.699
1143	M687	Y	412.824	412.824	12.699	14.816
1144	M687	Y	412.824	412.824	14.816	16.932
1145	M687	Y	412.824	516.03	16.932	19.049
1146	M687	Y	516.03	516.03	19.049	21.165
1147	M687	Y	516.03	412.824	21.165	23.282
1148	M687	Y	412.824	412.824	23.282	25.398
1149	M687	Y	412.824	412.824	25.398	27.515
1150	M688	Y	412.761	412.761	0	2.117
1151	M688	Y	412.761	454.961	2.117	4.233
1152	M688	Y	454.961	515.967	4.233	6.35
1153	M688	Y	515.967	473.767	6.35	8.466
1154	M688	Y	473.767	412.761	8.466	10.583
1155	M688	Y	412.761	412.761	10.583	12.699
1156	M688	Y	412.761	421.172	12.699	14.816
1157	M688	Y	421.172	446.492	14.816	16.932
1158	M688	Y	446.492	507.568	16.932	19.049
1159	M688	Y	507.568	482.777	19.049	21.165
1160	M688	Y	482.777	415.182	21.165	23.282
1161	M688	Y	415.182	418.182	23.282	25.398
1162	M688	Y	418.182	421.453	25.398	27.515
1163	M689	Y	452.5	452.5	2.939e-12	27.515
1164	M690	Y	420.13	420.13	0	2.117
1165	M690	Y	420.13	420.13	2.117	4.233
1166	M690	Y	420.13	525.175	4.233	6.35
1167	M690	Y	525.175	525.175	6.35	8.466
1168	M690	Y	525.175	420.13	8.466	10.583
1169	M690	Y	420.13	420.13	10.583	12.699
1170	M690	Y	420.13	420.13	12.699	14.816
1171	M690	Y	420.13	420.13	14.816	16.932
1172	M690	Y	420.13	525.175	16.932	19.049
1173	M690	Y	525.175	525.175	19.049	21.165
1174	M690	Y	525.175	420.646	21.165	23.282
1175	M690	Y	420.646	422.418	23.282	25.398
1176	M690	Y	422.418	424.928	25.398	27.515
1177	M691	Y	452.5	452.5	2.771e-12	27.515
1178	M692	Y	420.13	420.13	0	2.117
1179	M692	Y	420.13	420.13	2.117	4.233
1180	M692	Y	420.13	525.175	4.233	6.35
1181	M692	Y	525.175	525.175	6.35	8.466
1182	M692	Y	525.175	420.13	8.466	10.583
1183	M692	Y	420.13	420.13	10.583	12.699
1184	M692	Y	420.13	420.13	12.699	14.816
1185	M692	Y	420.13	420.13	14.816	16.932
1186	M692	Y	420.13	525.175	16.932	19.049
1187	M692	Y	525.175	525.175	19.049	21.165
1188	M692	Y	525.175	420.646	21.165	23.282
1189	M692	Y	420.646	422.418	23.282	25.398
1190	M692	Y	422.418	424.928	25.398	27.515
1191	M693	Y	452.5	452.5	3.179e-12	27.515
1192	M694	Y	420.13	420.13	0	2.117
1193	M694	Y	420.13	420.13	2.117	4.233
1194	M694	Y	420.13	525.175	4.233	6.35
1195	M694	Y	525.175	525.175	6.35	8.466
1196	M694	Y	525.175	420.13	8.466	10.583
1197	M694	Y	420.13	420.13	10.583	12.699
1198	M694	Y	420.13	420.13	12.699	14.816
1199	M694	Y	420.13	420.13	14.816	16.932
1200	M694	Y	420.13	525.175	16.932	19.049
1201	M694	Y	525.175	525.175	19.049	21.165
1202	M694	Y	525.175	420.646	21.165	23.282
1203	M694	Y	420.646	422.418	23.282	25.398

Member Distributed Loads (BLC 55 : BLC 21 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1204	M694	Y	422.418	424.928	25.398	27.515
1205	M695	Y	421.956	421.956	3.059e-12	27.515
1206	M696	Y	391.774	391.774	0	2.117
1207	M696	Y	391.774	391.774	2.117	4.233
1208	M696	Y	391.774	489.728	4.233	6.35
1209	M696	Y	489.728	489.728	6.35	8.466
1210	M696	Y	489.728	391.774	8.466	10.583
1211	M696	Y	391.774	391.774	10.583	12.699
1212	M696	Y	391.774	391.774	12.699	14.816
1213	M696	Y	391.774	391.774	14.816	16.932
1214	M696	Y	391.774	489.728	16.932	19.049
1215	M696	Y	489.728	489.728	19.049	21.165
1216	M696	Y	489.728	392.273	21.165	23.282
1217	M696	Y	392.273	393.883	23.282	25.398
1218	M696	Y	393.883	396.103	25.398	27.515
1219	COL20	Z	241.529	241.292	0	2.125
1220	COL20	Z	241.292	284.586	2.125	4.25
1221	COL20	Z	284.586	300.102	4.25	6.375
1222	COL20	Z	300.102	255.96	6.375	8.5
1223	COL20	Z	255.96	239.832	8.5	10.625
1224	COL20	Z	239.832	168.292	10.625	12.75
1225	COL20	Z	168.292	48.314	12.75	14.875
1226	COL20	Z	48.314	-0.007	14.875	17
1227	COL53	Z	260.384	260.911	0	2.111
1228	COL53	Z	260.911	265.648	2.111	4.222
1229	COL53	Z	265.648	272.354	4.222	6.333
1230	COL53	Z	272.354	265.261	6.333	8.445
1231	COL53	Z	265.261	263.629	8.445	10.556
1232	COL53	Z	263.629	279.015	10.556	12.667
1233	EDGE18	Z	16.952	17.038	0	2.915
1234	EDGE18	Z	17.038	8.544	2.915	5.83
1235	EDGE18	Z	8.544	0.007	5.83	8.745
1236	COL40	Z	-240.956	-240.956	2.237e-14	17.5
1237	COL68	Z	-195.706	-195.706	2.32e-13	17.5
1238	TRUSS11	Z	-452.5	-452.5	1.09e-13	17.5
1239	TRUSS12	Z	-452.5	-452.5	1.076e-13	17.5
1240	TRUSS16	Z	-452.5	-452.5	1.149e-13	17.5
1241	TRUSS17	Z	-339.375	-339.375	0	17.5
1242	TRUSS20	Z	-421.956	-421.956	1.71e-13	17.5
1243	TRUSS21	Z	-339.375	-339.375	1.093e-13	17.5
1244	TRUSS25	Z	-226.25	-226.25	4.441e-16	17.5
1245	TRUSS31	Z	-452.5	-452.5	1.295e-13	17.5
1246	TRUSS36	Z	-467.206	-467.206	2.887e-15	17.5
1247	COL29	X	-72.122	-72.465	0	2.128
1248	COL29	X	-72.465	-72.656	2.128	4.256
1249	COL29	X	-72.656	-70.24	4.256	6.383
1250	COL29	X	-70.24	-84.609	6.383	8.511
1251	COL29	X	-84.609	-84.609	8.511	10.639
1252	COL29	X	-84.609	-67.804	10.639	12.767
1253	COL29	X	-67.804	-67.804	12.767	14.895
1254	COL29	X	-67.804	-71.989	14.895	17.022
1255	COL29	X	-71.989	-84.609	17.022	19.15
1256	COL29	X	-84.609	-80.424	19.15	21.278
1257	COL29	X	-80.424	-55.184	21.278	23.406
1258	COL49	X	-72.785	-72.785	0	2.048
1259	COL49	X	-72.785	-72.785	2.048	4.097
1260	COL49	X	-72.785	-72.785	4.097	6.145
1261	COL49	X	-72.785	-72.785	6.145	8.194
1262	COL49	X	-72.785	-72.785	8.194	10.242
1263	COL49	X	-72.785	-72.785	10.242	12.29
1264	COL49	X	-72.785	-72.785	12.29	14.339
1265	COL49	X	-72.785	-72.785	14.339	16.387
1266	COL49	X	-72.785	-86.427	16.387	18.435
1267	COL49	X	-86.427	-90.981	18.435	20.484
1268	COL49	X	-90.981	-77.339	20.484	22.532
1269	COL49	X	-77.339	-72.785	22.532	24.581
1270	COL49	X	-72.785	-72.785	24.581	26.629
1271	COL49	X	-72.785	-72.785	26.629	28.677

Member Distributed Loads (BLC 55 : BLC 21 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1272	COL49	X	-72.785	-72.785	28.677	30.726
1273	COL49	X	-72.785	-72.804	30.726	32.774
1274	COL49	X	-72.804	-72.917	32.774	34.823
1275	COL49	X	-72.917	-73.104	34.823	36.871
1276	COL49	X	-73.104	-73.219	36.871	38.919
1277	COL49	X	-73.219	-73.305	38.919	40.968
1278	COL49	X	-73.305	-73.384	40.968	43.016
1279	COL49	X	-73.384	-72.671	43.016	45.065
1280	COL49	X	-72.671	-71.234	45.065	47.113
1281	COL49	X	-71.234	-70.525	47.113	49.161
1282	COL49	X	-70.525	-79.319	49.161	51.21
1283	COL49	X	-79.319	-88.157	51.21	53.258
1284	COL49	X	-88.157	-79.363	53.258	55.306
1285	COL49	X	-79.363	-70.525	55.306	57.355
1286	COL49	X	-70.525	-70.525	57.355	59.403
1287	COL49	X	-70.525	-70.525	59.403	61.452
1288	COL49	X	-70.525	-70.525	61.452	63.5
1289	COL65	X	-71.036	-71.036	0	2.092
1290	COL65	X	-71.036	-71.036	2.092	4.184
1291	COL65	X	-71.036	-71.036	4.184	6.276
1292	COL65	X	-71.036	-88.796	6.276	8.368
1293	COL65	X	-88.796	-88.796	8.368	10.461
1294	COL65	X	-88.796	-71.036	10.461	12.553
1295	COL65	X	-71.036	-71.036	12.553	14.645
1296	COL65	X	-71.036	-71.036	14.645	16.737
1297	COL65	X	-71.036	-71.036	16.737	18.829
1298	COL65	X	-71.036	-71.036	18.829	20.921
1299	COL65	X	-71.036	-71.036	20.921	23.013
1300	COL65	X	-71.036	-71.036	23.013	25.105
1301	COL65	X	-71.036	-71.036	25.105	27.197
1302	COL65	X	-71.036	-84.351	27.197	29.289
1303	COL65	X	-84.351	-88.796	29.289	31.382
1304	COL65	X	-88.796	-75.553	31.382	33.474
1305	COL65	X	-75.553	-71.292	33.474	35.566
1306	COL65	X	-71.292	-71.601	35.566	37.658
1307	COL65	X	-71.601	-71.997	37.658	39.75
1308	COL10	Z	-106.134	-106.134	0	2
1309	COL10	Z	-106.134	-106.134	2	4
1310	COL10	Z	-106.134	-106.134	4	6
1311	COL10	Z	-106.134	-106.134	6	8
1312	COL10	Z	-106.134	-106.134	8	10
1313	COL10	Z	-106.134	-106.134	10	12
1314	COL10	Z	-106.134	-106.134	12	14
1315	COL10	Z	-106.134	-106.134	14	16
1316	COL10	Z	-106.134	-106.134	16	18
1317	COL10	Z	-106.134	-106.134	18	20
1318	COL10	Z	-106.134	-106.134	20	22
1319	COL10	Z	-106.134	-106.134	22	24
1320	COL10	Z	-106.134	-106.134	24	26
1321	COL10	Z	-106.134	-106.134	26	28
1322	COL10	Z	-106.134	-106.134	28	30
1323	COL10	Z	-106.134	-106.134	30	32
1324	COL10	Z	-106.134	-106.134	32	34
1325	COL10	Z	-106.134	-106.134	34	36
1326	COL10	Z	-106.134	-106.121	36	38
1327	COL10	Z	-106.121	-106.044	38	40
1328	COL10	Z	-106.044	-105.928	40	42
1329	COL10	Z	-105.928	-105.688	42	44
1330	COL10	Z	-105.688	-105.314	44	46
1331	COL13	Z	-103.217	-103.217	0	2.048
1332	COL13	Z	-103.217	-103.217	2.048	4.097
1333	COL13	Z	-103.217	-103.217	4.097	6.145
1334	COL13	Z	-103.217	-103.217	6.145	8.194
1335	COL13	Z	-103.217	-103.217	8.194	10.242
1336	COL13	Z	-103.217	-103.217	10.242	12.29
1337	COL13	Z	-103.217	-107.511	12.29	14.339
1338	COL13	Z	-107.511	-129.022	14.339	16.387
1339	COL13	Z	-129.022	-124.728	16.387	18.435

Member Distributed Loads (BLC 55 : BLC 21 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1340	COL13	Z	-124.728	-103.217	18.435	20.484
1341	COL13	Z	-103.217	-103.217	20.484	22.532
1342	COL13	Z	-103.217	-103.217	22.532	24.581
1343	COL13	Z	-103.217	-103.217	24.581	26.629
1344	COL13	Z	-103.217	-103.217	26.629	28.677
1345	COL13	Z	-103.217	-103.217	28.677	30.726
1346	COL13	Z	-103.217	-103.217	30.726	32.774
1347	COL13	Z	-103.217	-103.217	32.774	34.823
1348	COL13	Z	-103.217	-103.217	34.823	36.871
1349	COL13	Z	-103.217	-103.172	36.871	38.919
1350	COL13	Z	-103.172	-103.085	38.919	40.968
1351	COL13	Z	-103.085	-103.04	40.968	43.016
1352	COL13	Z	-103.04	-103.013	43.016	45.065
1353	COL13	Z	-103.013	-111.446	45.065	47.113
1354	COL13	Z	-111.446	-124.024	47.113	49.161
1355	COL13	Z	-124.024	-119.574	49.161	51.21
1356	COL13	Z	-119.574	-106.749	51.21	53.258
1357	COL13	Z	-106.749	-102.496	53.258	55.306
1358	COL13	Z	-102.496	-102.496	55.306	57.355
1359	COL13	Z	-102.496	-102.496	57.355	59.403
1360	COL13	Z	-102.496	-102.496	59.403	61.452
1361	COL13	Z	-102.496	-102.496	61.452	63.5
1362	COL68	Z	-73.604	-120.721	0	2.188
1363	COL68	Z	-120.721	-120.38	2.188	4.375
1364	COL68	Z	-120.38	-96.48	4.375	6.562
1365	COL68	Z	-96.48	-96.48	6.562	8.75
1366	COL68	Z	-96.48	-120.232	8.75	10.938
1367	COL68	Z	-120.232	-120.232	10.938	13.125
1368	COL68	Z	-120.232	-96.48	13.125	15.312
1369	COL68	Z	-96.48	-96.48	15.312	17.5
1370	COL16	X	-226.25	-226.25	6.994e-15	12.667
1371	COL18	X	-346.914	-346.914	4.885e-15	12.667
1372	COL39	X	-211.544	-211.544	1.588e-14	12.667
1373	COL50	X	-242.468	-242.468	4.885e-15	12.667
1374	COL51	X	-452.5	-452.5	3.553e-15	12.667
1375	COL52	X	-295.636	-295.636	1.099e-14	12.667
1376	COL53	X	-142.157	-142.157	2.198e-14	12.667
1377	COL65	X	-136.881	-136.881	0	12.667
1378	COL71	X	-226.25	-226.25	7.55e-15	12.667
1379	M682	X	-226.25	-226.25	5.773e-15	12.667
1380	COL20	X	-208.656	-208.656	13.6	15.64
1381	COL20	X	-208.656	-208.656	15.64	17.68
1382	COL20	X	-208.656	-208.656	17.68	19.72
1383	COL20	X	-208.656	-208.656	19.72	21.76
1384	COL20	X	-208.656	-208.656	21.76	23.8
1385	COL20	X	-208.656	-208.656	23.8	25.84
1386	COL20	X	-208.656	-208.656	25.84	27.88
1387	COL20	X	-208.656	-208.409	27.88	29.92
1388	COL20	X	-208.409	-207.65	29.92	31.96
1389	COL20	X	-207.65	-206.623	31.96	34
1390	COL23	X	-446.292	-446.292	13.6	15.64
1391	COL23	X	-446.292	-446.292	15.64	17.68
1392	COL23	X	-446.292	-446.292	17.68	19.72
1393	COL23	X	-446.292	-446.292	19.72	21.76
1394	COL23	X	-446.292	-446.292	21.76	23.8
1395	COL23	X	-446.292	-446.292	23.8	25.84
1396	COL23	X	-446.292	-446.292	25.84	27.88
1397	COL23	X	-446.292	-446.141	27.88	29.92
1398	COL23	X	-446.141	-445.499	29.92	31.96
1399	COL23	X	-445.499	-444.518	31.96	34
1400	COL31	X	-445.63	-452.151	0	2.034
1401	COL31	X	-452.151	-461.347	2.034	4.067
1402	COL31	X	-461.347	-463.841	4.067	6.101
1403	COL31	X	-463.841	-450.875	6.101	8.135
1404	COL31	X	-450.875	-438.52	8.135	10.168
1405	COL31	X	-438.52	-436.504	10.168	12.202
1406	COL31	X	-436.504	-439.468	12.202	14.236
1407	COL31	X	-439.468	-447.161	14.236	16.269

Member Distributed Loads (BLC 55 : BLC 21 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1408	COL31	X	-447.161	-453.487	16.269	18.303
1409	COL31	X	-453.487	-455.398	18.303	20.337
1410	COL31	X	-455.398	-458.977	20.337	22.37
1411	COL31	X	-458.977	-454.458	22.37	24.404
1412	COL31	X	-454.458	-440.517	24.404	26.438
1413	COL33	X	-419.14	-418.996	0	2.114
1414	COL33	X	-418.996	-417.72	2.114	4.228
1415	COL33	X	-417.72	-503.901	4.228	6.342
1416	COL33	X	-503.901	-527.992	6.342	8.456
1417	COL33	X	-527.992	-441.578	8.456	10.57
1418	COL33	X	-441.578	-416.51	10.57	12.684
1419	COL33	X	-416.51	-412.701	12.684	14.797
1420	COL33	X	-412.701	-417.753	14.797	16.911
1421	COL33	X	-417.753	-476.995	16.911	19.025
1422	COL33	X	-476.995	-494.358	19.025	21.139
1423	COL33	X	-494.358	-451.612	21.139	23.253
1424	COL33	X	-451.612	-439.875	23.253	25.367
1425	COL33	X	-439.875	-431.966	25.367	27.481
1426	COL36	X	-435.369	-435.462	0	2.029
1427	COL36	X	-435.462	-435.08	2.029	4.058
1428	COL36	X	-435.08	-433.922	4.058	6.088
1429	COL36	X	-433.922	-432.301	6.088	8.117
1430	COL36	X	-432.301	-434.986	8.117	10.146
1431	COL36	X	-434.986	-442.078	10.146	12.175
1432	COL36	X	-442.078	-444.699	12.175	14.205
1433	COL36	X	-444.699	-443.081	14.205	16.234
1434	COL36	X	-443.081	-441.73	16.234	18.263
1435	COL36	X	-441.73	-440.474	18.263	20.292
1436	COL36	X	-440.474	-439.251	20.292	22.321
1437	COL36	X	-439.251	-438.067	22.321	24.351
1438	COL47	X	-354.509	-357.969	0	2.037
1439	COL47	X	-357.969	-360.671	2.037	4.075
1440	COL47	X	-360.671	-362.196	4.075	6.112
1441	COL47	X	-362.196	-363.281	6.112	8.15
1442	COL47	X	-363.281	-364.572	8.15	10.187
1443	COL47	X	-364.572	-366.345	10.187	12.225
1444	COL47	X	-366.345	-368.587	12.225	14.262
1445	COL47	X	-368.587	-367.682	14.262	16.3
1446	COL47	X	-367.682	-365.037	16.3	18.337
1447	COL47	X	-365.037	-360.536	18.337	20.375
1448	COL47	X	-360.536	-354.728	20.375	22.412
1449	COL47	X	-354.728	-355.962	22.412	24.449
1450	COL47	X	-355.962	-360.683	24.449	26.487
1451	COL47	X	-360.683	-364.025	26.487	28.524
1452	COL48	X	-427.907	-427.287	0	2.116
1453	COL48	X	-427.287	-427.922	2.116	4.232
1454	COL48	X	-427.922	-503.536	4.232	6.349
1455	COL48	X	-503.536	-505.939	6.349	8.465
1456	COL48	X	-505.939	-435.383	8.465	10.581
1457	COL48	X	-435.383	-438.189	10.581	12.697
1458	COL48	X	-438.189	-440.705	12.697	14.813
1459	COL48	X	-440.705	-442.039	14.813	16.929
1460	COL48	X	-442.039	-454.584	16.929	19.046
1461	COL48	X	-454.584	-463.054	19.046	21.162
1462	COL48	X	-463.054	-454.738	21.162	23.278
1463	COL48	X	-454.738	-446.425	23.278	25.394
1464	COL54	X	-243.425	-243.612	13.6	15.64
1465	COL54	X	-243.612	-243.722	15.64	17.68
1466	COL54	X	-243.722	-243.419	17.68	19.72
1467	COL54	X	-243.419	-276.041	19.72	21.76
1468	COL54	X	-276.041	-338.585	21.76	23.8
1469	COL54	X	-338.585	-372.824	23.8	25.84
1470	COL54	X	-372.824	-361.041	25.84	27.88
1471	COL54	X	-361.041	-346.165	27.88	29.92
1472	COL54	X	-346.165	-349.758	29.92	31.96
1473	COL54	X	-349.758	-353.855	31.96	34
1474	COL55	X	-227.154	-227.137	13.6	15.64
1475	COL55	X	-227.137	-226.971	15.64	17.68

Member Distributed Loads (BLC 55 : BLC 21 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1476	COL55	X	-226.971	-226.175	17.68	19.72
1477	COL55	X	-226.175	-286.982	19.72	21.76
1478	COL55	X	-286.982	-401.988	21.76	23.8
1479	COL55	X	-401.988	-465.654	23.8	25.84
1480	COL55	X	-465.654	-458.205	25.84	27.88
1481	COL55	X	-458.205	-438.093	27.88	29.92
1482	COL55	X	-438.093	-435.127	29.92	31.96
1483	COL55	X	-435.127	-434.311	31.96	34
1484	COL56	X	-344.298	-344.087	13.6	15.64
1485	COL56	X	-344.087	-343.795	15.64	17.68
1486	COL56	X	-343.795	-343.034	17.68	19.72
1487	COL56	X	-343.034	-370.494	19.72	21.76
1488	COL56	X	-370.494	-422.054	21.76	23.8
1489	COL56	X	-422.054	-450.591	23.8	25.84
1490	COL56	X	-450.591	-454.293	25.84	27.88
1491	COL56	X	-454.293	-449.367	27.88	29.92
1492	COL56	X	-449.367	-445.181	29.92	31.96
1493	COL56	X	-445.181	-444.042	31.96	34
1494	COL57	X	-431.747	-431.747	13.6	15.64
1495	COL57	X	-431.747	-431.747	15.64	17.68
1496	COL57	X	-431.747	-431.747	17.68	19.72
1497	COL57	X	-431.747	-431.747	19.72	21.76
1498	COL57	X	-431.747	-431.747	21.76	23.8
1499	COL57	X	-431.747	-431.747	23.8	25.84
1500	COL57	X	-431.747	-431.747	25.84	27.88
1501	COL57	X	-431.747	-431.929	27.88	29.92
1502	COL57	X	-431.929	-432.429	29.92	31.96
1503	COL57	X	-432.429	-433.064	31.96	34
1504	COL66	X	-198.271	-197.248	0	2.125
1505	COL66	X	-197.248	-212.726	2.125	4.25
1506	COL66	X	-212.726	-245.267	4.25	6.375
1507	COL66	X	-245.267	-229.052	6.375	8.5
1508	COL66	X	-229.052	-196.283	8.5	10.625
1509	COL66	X	-196.283	-196.283	10.625	12.75
1510	COL66	X	-196.283	-196.283	12.75	14.875
1511	COL66	X	-196.283	-212.499	14.875	17
1512	COL66	X	-212.499	-232.926	17	19.125
1513	COL66	X	-232.926	-229.052	19.125	21.25
1514	COL66	X	-229.052	-212.878	21.25	23.375
1515	COL69	X	-151.486	-204.246	13.65	15.47
1516	COL69	X	-204.246	-250.172	15.47	17.29
1517	COL69	X	-250.172	-247.384	17.29	19.11
1518	COL69	X	-247.384	-213.335	19.11	20.93
1519	COL69	X	-213.335	-189.905	20.93	22.75
1520	COL70	X	-151.486	-204.246	13.65	15.47
1521	COL70	X	-204.246	-250.172	15.47	17.29
1522	COL70	X	-250.172	-247.384	17.29	19.11
1523	COL70	X	-247.384	-213.335	19.11	20.93
1524	COL70	X	-213.335	-189.905	20.93	22.75
1525	EDGE10	X	-23.1	-23.1	23.518	25.022
1526	EDGE29	X	-18.643	-18.643	0	1.85
1527	EDGE31	X	-31.73	-31.73	0	0.551
1528	X_RIGID1	X	-125.461	-126.272	0	2.144
1529	X_RIGID1	X	-126.272	-138.888	2.144	4.289
1530	X_RIGID1	X	-138.888	-144.256	4.289	6.433
1531	X_RIGID1	X	-144.256	-134.167	6.433	8.578
1532	X_RIGID1	X	-134.167	-139.051	8.578	10.722
1533	X_RIGID1	X	-139.051	-139.946	10.722	12.867
1534	X_RIGID1	X	-139.946	-131.365	12.867	15.011
1535	X_RIGID1	X	-131.365	-128.673	15.011	17.156
1536	X_RIGID2	X	-206.055	-122.885	0	1.774
1537	X_RIGID2	X	-122.885	-122.486	1.774	3.548
1538	X_RIGID2	X	-122.486	-157.695	3.548	5.321
1539	X_RIGID2	X	-157.695	-125.666	5.321	7.095
1540	X_RIGID2	X	-125.666	-73.566	7.095	8.869
1541	X_RIGID3	X	-133.495	-146.636	0	2.114
1542	X_RIGID3	X	-146.636	-152.101	2.114	4.227
1543	X_RIGID3	X	-152.101	-138.984	4.227	6.341

Member Distributed Loads (BLC 55 : BLC 21 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1544	X_RIGID3	X	-138.984	-126.978	6.341	8.455
1545	X_RIGID3	X	-126.978	-127.062	8.455	10.568
1546	X_RIGID3	X	-127.062	-127.221	10.568	12.682
1547	X_RIGID3	X	-127.221	-135.318	12.682	14.795
1548	X_RIGID3	X	-135.318	-159.004	14.795	16.909
1549	X_RIGID3	X	-159.004	-150.972	16.909	19.023
1550	X_RIGID3	X	-150.972	-127.412	19.023	21.136
1551	X_RIGID3	X	-127.412	-127.695	21.136	23.25
1552	COL34	Z	-241.621	-241.621	0	2
1553	COL34	Z	-241.621	-241.621	2	4
1554	COL34	Z	-241.621	-241.621	4	6
1555	COL34	Z	-241.621	-241.621	6	8
1556	COL34	Z	-241.621	-241.621	8	10
1557	COL34	Z	-241.621	-241.621	10	12
1558	COL34	Z	-241.621	-241.621	12	14
1559	COL34	Z	-241.621	-241.621	14	16
1560	COL34	Z	-241.621	-241.621	16	18
1561	COL34	Z	-241.621	-241.621	18	20
1562	COL34	Z	-241.621	-241.621	20	22
1563	COL34	Z	-241.621	-241.621	22	24
1564	COL34	Z	-241.621	-241.621	24	26
1565	COL34	Z	-241.621	-241.621	26	28
1566	COL34	Z	-241.621	-241.621	28	30
1567	COL34	Z	-241.621	-241.5	30	32
1568	COL34	Z	-241.5	-241.378	32	34
1569	COL34	Z	-241.378	-241.378	34	36
1570	COL34	Z	-241.378	-241.352	36	38
1571	COL34	Z	-241.352	-241.189	38	40
1572	COL34	Z	-241.189	-240.984	40	42
1573	COL34	Z	-240.984	-240.627	42	44
1574	COL34	Z	-240.627	-240.05	44	46
1575	COL40	Z	-167.765	-275.365	0	2.188
1576	COL40	Z	-275.365	-274.411	2.188	4.375
1577	COL40	Z	-274.411	-219.656	4.375	6.562
1578	COL40	Z	-219.656	-219.656	6.562	8.75
1579	COL40	Z	-219.656	-273.73	8.75	10.938
1580	COL40	Z	-273.73	-273.73	10.938	13.125
1581	COL40	Z	-273.73	-219.656	13.125	15.312
1582	COL40	Z	-219.656	-219.656	15.312	17.5
1583	COL49	Z	-234.984	-234.984	0	2.048
1584	COL49	Z	-234.984	-234.984	2.048	4.097
1585	COL49	Z	-234.984	-234.984	4.097	6.145
1586	COL49	Z	-234.984	-234.984	6.145	8.194
1587	COL49	Z	-234.984	-234.984	8.194	10.242
1588	COL49	Z	-234.984	-234.984	10.242	12.29
1589	COL49	Z	-234.984	-257.551	12.29	14.339
1590	COL49	Z	-257.551	-293.73	14.339	16.387
1591	COL49	Z	-293.73	-271.163	16.387	18.435
1592	COL49	Z	-271.163	-234.984	18.435	20.484
1593	COL49	Z	-234.984	-234.984	20.484	22.532
1594	COL49	Z	-234.984	-234.984	22.532	24.581
1595	COL49	Z	-234.984	-234.984	24.581	26.629
1596	COL49	Z	-234.984	-234.984	26.629	28.677
1597	COL49	Z	-234.984	-234.933	28.677	30.726
1598	COL49	Z	-234.933	-234.83	30.726	32.774
1599	COL49	Z	-234.83	-234.779	32.774	34.823
1600	COL49	Z	-234.779	-234.779	34.823	36.871
1601	COL49	Z	-234.779	-234.779	36.871	38.919
1602	COL49	Z	-234.779	-234.779	38.919	40.968
1603	COL49	Z	-234.779	-234.779	40.968	43.016
1604	COL49	Z	-234.779	-234.684	43.016	45.065
1605	COL49	Z	-234.684	-252.336	45.065	47.113
1606	COL49	Z	-252.336	-283.196	47.113	49.161
1607	COL49	Z	-283.196	-273.762	49.161	51.21
1608	COL49	Z	-273.762	-242.279	51.21	53.258
1609	COL49	Z	-242.279	-233.342	53.258	55.306
1610	COL49	Z	-233.342	-233.342	55.306	57.355
1611	COL49	Z	-233.342	-233.342	57.355	59.403

Member Distributed Loads (BLC 55 : BLC 21 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1612	COL49	Z	-233.342	-233.342	59.403	61.452
1613	COL49	Z	-233.342	-233.342	61.452	63.5

Member Distributed Loads (BLC 56 : BLC 22 Transient Area Loads)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	COL20	Z	261.545	261.289	0	2.125
2	COL20	Z	261.289	308.171	2.125	4.25
3	COL20	Z	308.171	324.972	4.25	6.375
4	COL20	Z	324.972	277.172	6.375	8.5
5	COL20	Z	277.172	259.707	8.5	10.625
6	COL20	Z	259.707	182.239	10.625	12.75
7	COL20	Z	182.239	52.318	12.75	14.875
8	COL20	Z	52.318	-0.008	14.875	17
9	COL53	Z	281.963	282.533	0	2.111
10	COL53	Z	282.533	287.663	2.111	4.222
11	COL53	Z	287.663	294.925	4.222	6.333
12	COL53	Z	294.925	287.244	6.333	8.445
13	COL53	Z	287.244	285.477	8.445	10.556
14	COL53	Z	285.477	302.138	10.556	12.667
15	EDGE18	Z	18.357	18.45	0	2.915
16	EDGE18	Z	18.45	9.252	2.915	5.83
17	EDGE18	Z	9.252	0.008	5.83	8.745
18	COL12	Z	454.859	451.937	0	2.125
19	COL12	Z	451.937	562.08	2.125	4.25
20	COL12	Z	562.08	561.392	4.25	6.375
21	COL12	Z	561.392	449.1	6.375	8.5
22	COL12	Z	449.1	449.1	8.5	10.625
23	COL12	Z	449.1	449.1	10.625	12.75
24	COL12	Z	449.1	449.1	12.75	14.875
25	COL12	Z	449.1	561.392	14.875	17
26	COL12	Z	561.392	561.392	17	19.125
27	COL12	Z	561.392	449.1	19.125	21.25
28	COL12	Z	449.1	449.1	21.25	23.375
29	COL15	Z	490.042	490.042	0	2
30	COL15	Z	490.042	490.042	2	4
31	COL15	Z	490.042	490.042	4	6
32	COL15	Z	490.042	490.042	6	8
33	COL15	Z	490.042	490.042	8	10
34	COL15	Z	490.042	490.042	10	12
35	COL15	Z	490.042	490.042	12	14
36	COL15	Z	490.042	490.042	14	16
37	COL15	Z	490.042	490.042	16	18
38	COL15	Z	490.042	490.042	18	20
39	COL15	Z	490.042	490.042	20	22
40	COL15	Z	490.042	490.042	22	24
41	COL15	Z	490.042	490.042	24	26
42	COL15	Z	490.042	490.042	26	28
43	COL15	Z	490.042	489.24	28	30
44	COL15	Z	489.24	487.025	30	32
45	COL15	Z	487.025	484.198	32	34
46	COL17	Z	456.967	456.967	0	2
47	COL17	Z	456.967	456.967	2	4
48	COL17	Z	456.967	456.967	4	6
49	COL17	Z	456.967	456.967	6	8
50	COL17	Z	456.967	456.967	8	10
51	COL17	Z	456.967	456.967	10	12
52	COL17	Z	456.967	456.967	12	14
53	COL17	Z	456.967	456.967	14	16
54	COL17	Z	456.967	456.967	16	18
55	COL17	Z	456.967	456.967	18	20
56	COL17	Z	456.967	456.967	20	22
57	COL17	Z	456.967	456.967	22	24
58	COL17	Z	456.967	456.967	24	26
59	COL17	Z	456.967	456.967	26	28
60	COL17	Z	456.967	456.271	28	30
61	COL17	Z	456.271	454.161	30	32
62	COL17	Z	454.161	451.333	32	34
63	COL19	Z	490.042	490.042	0	2

Member Distributed Loads (BLC 56 : BLC 22 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
64	COL19	Z	490.042	490.042	2	4
65	COL19	Z	490.042	490.042	4	6
66	COL19	Z	490.042	490.042	6	8
67	COL19	Z	490.042	490.042	8	10
68	COL19	Z	490.042	490.042	10	12
69	COL19	Z	490.042	490.042	12	14
70	COL19	Z	490.042	490.042	14	16
71	COL19	Z	490.042	490.042	16	18
72	COL19	Z	490.042	490.042	18	20
73	COL19	Z	490.042	490.042	20	22
74	COL19	Z	490.042	490.042	22	24
75	COL19	Z	490.042	490.042	24	26
76	COL19	Z	490.042	490.042	26	28
77	COL19	Z	490.042	489.25	28	30
78	COL19	Z	489.25	487.028	30	32
79	COL19	Z	487.028	484.168	32	34
80	COL20	Z	237.67	237.67	0	2
81	COL20	Z	237.67	237.67	2	4
82	COL20	Z	237.67	237.67	4	6
83	COL20	Z	237.67	237.67	6	8
84	COL20	Z	237.67	237.67	8	10
85	COL20	Z	237.67	237.67	10	12
86	COL20	Z	237.67	237.67	12	14
87	COL20	Z	237.67	237.67	14	16
88	COL20	Z	237.67	237.67	16	18
89	COL20	Z	237.67	237.67	18	20
90	COL20	Z	237.67	237.67	20	22
91	COL20	Z	237.67	237.67	22	24
92	COL20	Z	237.67	237.67	24	26
93	COL20	Z	237.67	237.67	26	28
94	COL20	Z	237.67	237.275	28	30
95	COL20	Z	237.275	236.205	30	32
96	COL20	Z	236.205	234.853	32	34
97	COL21	Z	490.042	490.042	0	2
98	COL21	Z	490.042	490.042	2	4
99	COL21	Z	490.042	490.042	4	6
100	COL21	Z	490.042	490.042	6	8
101	COL21	Z	490.042	490.042	8	10
102	COL21	Z	490.042	490.042	10	12
103	COL21	Z	490.042	490.042	12	14
104	COL21	Z	490.042	490.042	14	16
105	COL21	Z	490.042	490.042	16	18
106	COL21	Z	490.042	490.042	18	20
107	COL21	Z	490.042	490.042	20	22
108	COL21	Z	490.042	490.042	22	24
109	COL21	Z	490.042	490.042	24	26
110	COL21	Z	490.042	490.042	26	28
111	COL21	Z	490.042	489.24	28	30
112	COL21	Z	489.24	487.025	30	32
113	COL21	Z	487.025	484.198	32	34
114	COL24	Z	482.691	482.691	0	2
115	COL24	Z	482.691	482.691	2	4
116	COL24	Z	482.691	482.691	4	6
117	COL24	Z	482.691	482.691	6	8
118	COL24	Z	482.691	482.691	8	10
119	COL24	Z	482.691	482.691	10	12
120	COL24	Z	482.691	482.691	12	14
121	COL24	Z	482.691	482.691	14	16
122	COL24	Z	482.691	482.691	16	18
123	COL24	Z	482.691	482.691	18	20
124	COL24	Z	482.691	482.691	20	22
125	COL24	Z	482.691	482.691	22	24
126	COL24	Z	482.691	482.691	24	26
127	COL24	Z	482.691	482.691	26	28
128	COL24	Z	482.691	481.906	28	30
129	COL24	Z	481.906	479.724	30	32
130	COL24	Z	479.724	476.931	32	34
131	COL25	Z	490.03	490.03	0.006	33.979

Member Distributed Loads (BLC 56 : BLC 22 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
132	COL27	Z	303.394	301.591	0	2.125
133	COL27	Z	301.591	375.188	2.125	4.25
134	COL27	Z	375.188	374.732	4.25	6.375
135	COL27	Z	374.732	299.778	6.375	8.5
136	COL27	Z	299.778	299.778	8.5	10.625
137	COL27	Z	299.778	299.778	10.625	12.75
138	COL27	Z	299.778	299.778	12.75	14.875
139	COL27	Z	299.778	374.732	14.875	17
140	COL27	Z	374.732	374.732	17	19.125
141	COL27	Z	374.732	299.778	19.125	21.25
142	COL27	Z	299.778	299.778	21.25	23.375
143	COL28	Z	448.039	445.156	0	2.125
144	COL28	Z	445.156	553.647	2.125	4.25
145	COL28	Z	553.647	552.971	4.25	6.375
146	COL28	Z	552.971	442.364	6.375	8.5
147	COL28	Z	442.364	442.364	8.5	10.625
148	COL28	Z	442.364	442.364	10.625	12.75
149	COL28	Z	442.364	442.364	12.75	14.875
150	COL28	Z	442.364	552.971	14.875	17
151	COL28	Z	552.971	552.971	17	19.125
152	COL28	Z	552.971	442.364	19.125	21.25
153	COL28	Z	442.364	442.364	21.25	23.375
154	COL32	Z	454.908	451.938	0	2.125
155	COL32	Z	451.938	562.068	2.125	4.25
156	COL32	Z	562.068	561.391	4.25	6.375
157	COL32	Z	561.391	449.099	6.375	8.5
158	COL32	Z	449.099	449.099	8.5	10.625
159	COL32	Z	449.099	449.099	10.625	12.75
160	COL32	Z	449.099	449.099	12.75	14.875
161	COL32	Z	449.099	561.391	14.875	17
162	COL32	Z	561.391	561.391	17	19.125
163	COL32	Z	561.391	449.099	19.125	21.25
164	COL32	Z	449.099	449.099	21.25	23.375
165	COL41	Z	454.908	451.938	0	2.125
166	COL41	Z	451.938	562.068	2.125	4.25
167	COL41	Z	562.068	561.391	4.25	6.375
168	COL41	Z	561.391	449.099	6.375	8.5
169	COL41	Z	449.099	449.099	8.5	10.625
170	COL41	Z	449.099	449.099	10.625	12.75
171	COL41	Z	449.099	449.099	12.75	14.875
172	COL41	Z	449.099	561.391	14.875	17
173	COL41	Z	561.391	561.391	17	19.125
174	COL41	Z	561.391	449.099	19.125	21.25
175	COL41	Z	449.099	449.099	21.25	23.375
176	COL42	Z	454.908	451.938	0	2.125
177	COL42	Z	451.938	562.068	2.125	4.25
178	COL42	Z	562.068	561.391	4.25	6.375
179	COL42	Z	561.391	449.099	6.375	8.5
180	COL42	Z	449.099	449.099	8.5	10.625
181	COL42	Z	449.099	449.099	10.625	12.75
182	COL42	Z	449.099	449.099	12.75	14.875
183	COL42	Z	449.099	561.391	14.875	17
184	COL42	Z	561.391	561.391	17	19.125
185	COL42	Z	561.391	449.099	19.125	21.25
186	COL42	Z	449.099	449.099	21.25	23.375
187	COL43	Z	454.908	451.938	0	2.125
188	COL43	Z	451.938	562.068	2.125	4.25
189	COL43	Z	562.068	561.391	4.25	6.375
190	COL43	Z	561.391	449.099	6.375	8.5
191	COL43	Z	449.099	449.099	8.5	10.625
192	COL43	Z	449.099	449.099	10.625	12.75
193	COL43	Z	449.099	449.099	12.75	14.875
194	COL43	Z	449.099	561.391	14.875	17
195	COL43	Z	561.391	561.391	17	19.125
196	COL43	Z	561.391	449.099	19.125	21.25
197	COL43	Z	449.099	449.099	21.25	23.375
198	COL44	Z	454.867	451.943	0	2.125
199	COL44	Z	451.943	562.082	2.125	4.25

Member Distributed Loads (BLC 56 : BLC 22 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
200	COL44	Z	562.082	561.392	4.25	6.375
201	COL44	Z	561.392	449.1	6.375	8.5
202	COL44	Z	449.1	449.1	8.5	10.625
203	COL44	Z	449.1	449.1	10.625	12.75
204	COL44	Z	449.1	449.1	12.75	14.875
205	COL44	Z	449.1	561.392	14.875	17
206	COL44	Z	561.392	561.392	17	19.125
207	COL44	Z	561.392	449.1	19.125	21.25
208	COL44	Z	449.1	449.1	21.25	23.375
209	COL45	Z	424.151	421.427	0	2.125
210	COL45	Z	421.427	524.137	2.125	4.25
211	COL45	Z	524.137	523.498	4.25	6.375
212	COL45	Z	523.498	418.786	6.375	8.5
213	COL45	Z	418.786	418.786	8.5	10.625
214	COL45	Z	418.786	418.786	10.625	12.75
215	COL45	Z	418.786	418.786	12.75	14.875
216	COL45	Z	418.786	523.498	14.875	17
217	COL45	Z	523.498	523.498	17	19.125
218	COL45	Z	523.498	418.786	19.125	21.25
219	COL45	Z	418.786	418.786	21.25	23.375
220	COL58	Z	490.042	490.042	0	2
221	COL58	Z	490.042	490.042	2	4
222	COL58	Z	490.042	490.042	4	6
223	COL58	Z	490.042	490.042	6	8
224	COL58	Z	490.042	490.042	8	10
225	COL58	Z	490.042	490.042	10	12
226	COL58	Z	490.042	490.042	12	14
227	COL58	Z	490.042	490.042	14	16
228	COL58	Z	490.042	490.042	16	18
229	COL58	Z	490.042	490.042	18	20
230	COL58	Z	490.042	490.042	20	22
231	COL58	Z	490.042	490.042	22	24
232	COL58	Z	490.042	490.042	24	26
233	COL58	Z	490.042	490.042	26	28
234	COL58	Z	490.042	489.24	28	30
235	COL58	Z	489.24	487.025	30	32
236	COL58	Z	487.025	484.198	32	34
237	COL59	Z	490.042	490.042	0	2
238	COL59	Z	490.042	490.042	2	4
239	COL59	Z	490.042	490.042	4	6
240	COL59	Z	490.042	490.042	6	8
241	COL59	Z	490.042	490.042	8	10
242	COL59	Z	490.042	490.042	10	12
243	COL59	Z	490.042	490.042	12	14
244	COL59	Z	490.042	490.042	14	16
245	COL59	Z	490.042	490.042	16	18
246	COL59	Z	490.042	490.042	18	20
247	COL59	Z	490.042	490.042	20	22
248	COL59	Z	490.042	490.042	22	24
249	COL59	Z	490.042	490.042	24	26
250	COL59	Z	490.042	490.042	26	28
251	COL59	Z	490.042	489.24	28	30
252	COL59	Z	489.24	487.025	30	32
253	COL59	Z	487.025	484.198	32	34
254	COL60	Z	115.16	115.16	0	2
255	COL60	Z	115.16	115.16	2	4
256	COL60	Z	115.16	115.16	4	6
257	COL60	Z	115.16	115.16	6	8
258	COL60	Z	115.16	115.16	8	10
259	COL60	Z	115.16	115.16	10	12
260	COL60	Z	115.16	115.16	12	14
261	COL60	Z	115.16	115.16	14	16
262	COL60	Z	115.16	115.16	16	18
263	COL60	Z	115.16	115.16	18	20
264	COL60	Z	115.16	115.16	20	22
265	COL60	Z	115.16	115.16	22	24
266	COL60	Z	115.16	115.16	24	26
267	COL60	Z	115.16	115.16	26	28

Member Distributed Loads (BLC 56 : BLC 22 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
268	COL60	Z	115.16	115.013	28	30
269	COL60	Z	115.013	114.527	30	32
270	COL60	Z	114.527	113.85	32	34
271	COL61	Z	327.05	327.05	0.003	33.982
272	COL66	Z	220.608	219.193	0	2.125
273	COL66	Z	219.193	272.611	2.125	4.25
274	COL66	Z	272.611	272.275	4.25	6.375
275	COL66	Z	272.275	217.814	6.375	8.5
276	COL66	Z	217.814	217.814	8.5	10.625
277	COL66	Z	217.814	217.814	10.625	12.75
278	COL66	Z	217.814	217.814	12.75	14.875
279	COL66	Z	217.814	272.275	14.875	17
280	COL66	Z	272.275	272.275	17	19.125
281	COL66	Z	272.275	217.814	19.125	21.25
282	COL66	Z	217.814	217.814	21.25	23.375
283	COL67	Z	106.767	106.135	0	2.125
284	COL67	Z	106.135	132.068	2.125	4.25
285	COL67	Z	132.068	131.928	4.25	6.375
286	COL67	Z	131.928	105.54	6.375	8.5
287	COL67	Z	105.54	105.54	8.5	10.625
288	COL67	Z	105.54	105.54	10.625	12.75
289	COL67	Z	105.54	105.54	12.75	14.875
290	COL67	Z	105.54	131.928	14.875	17
291	COL67	Z	131.928	131.928	17	19.125
292	COL67	Z	131.928	105.54	19.125	21.25
293	COL67	Z	105.54	105.54	21.25	23.375
294	COL22	Z	2.845	63.489	10.2	12.364
295	COL22	Z	63.489	225.403	12.364	14.527
296	COL22	Z	225.403	292.867	14.527	16.691
297	COL22	Z	292.867	259.552	16.691	18.855
298	COL22	Z	259.552	299.249	18.855	21.018
299	COL22	Z	299.249	302.49	21.018	23.182
300	COL22	Z	302.49	260.913	23.182	25.345
301	COL22	Z	260.913	255.403	25.345	27.509
302	COL22	Z	255.403	319.636	27.509	29.673
303	COL22	Z	319.636	321.176	29.673	31.836
304	COL22	Z	321.176	195.995	31.836	34
305	COL29	Z	246.176	247.281	0	2.128
306	COL29	Z	247.281	247.849	2.128	4.256
307	COL29	Z	247.849	241.369	4.256	6.383
308	COL29	Z	241.369	293.585	6.383	8.511
309	COL29	Z	293.585	293.585	8.511	10.639
310	COL29	Z	293.585	234.873	10.639	12.767
311	COL29	Z	234.873	234.873	12.767	14.895
312	COL29	Z	234.873	293.585	14.895	17.022
313	COL29	Z	293.585	293.585	17.022	19.15
314	COL29	Z	293.585	234.873	19.15	21.278
315	COL29	Z	234.873	234.873	21.278	23.406
316	COL38	Z	268.037	269.807	0	2.083
317	COL38	Z	269.807	271.142	2.083	4.165
318	COL38	Z	271.142	271.931	4.165	6.248
319	COL38	Z	271.931	272.332	6.248	8.33
320	COL38	Z	272.332	337.686	8.33	10.413
321	COL38	Z	337.686	332.132	10.413	12.495
322	COL38	Z	332.132	261.285	12.495	14.578
323	COL38	Z	261.285	261.285	14.578	16.66
324	COL38	Z	261.285	261.285	16.66	18.743
325	COL38	Z	261.285	261.285	18.743	20.825
326	COL38	Z	261.285	326.599	20.825	22.908
327	COL38	Z	326.599	326.599	22.908	24.991
328	COL38	Z	326.599	261.285	24.991	27.073
329	COL38	Z	261.285	261.285	27.073	29.156
330	COL65	Z	18.819	189.294	11.925	14.065
331	COL65	Z	189.294	296.558	14.065	16.206
332	COL65	Z	296.558	278.513	16.206	18.346
333	COL65	Z	278.513	238.57	18.346	20.487
334	COL65	Z	238.57	243.338	20.487	22.627
335	COL65	Z	243.338	298.035	22.627	24.767

Member Distributed Loads (BLC 56 : BLC 22 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
336	COL65	Z	298.035	294.831	24.767	26.908
337	COL65	Z	294.831	242.284	26.908	29.048
338	COL65	Z	242.284	243.582	29.048	31.188
339	COL65	Z	243.582	258.192	31.188	33.329
340	COL65	Z	258.192	305.569	33.329	35.469
341	COL65	Z	305.569	293.32	35.469	37.61
342	COL65	Z	293.32	202.13	37.61	39.75
343	EDGE34	Z	19.291	19.291	22.643	26.541
344	X_RIGID1	Z	23.275	23.275	1.926e-14	17.156
345	X_RIGID2	Z	23.34	23.34	0	8.869
346	X_RIGID3	Z	23.283	23.283	4.996e-16	23.242
347	COL40	Z	-260.925	-260.925	2.237e-14	17.5
348	COL68	Z	-211.925	-211.925	2.32e-13	17.5
349	TRUSS11	Z	-490	-490	1.09e-13	17.5
350	TRUSS12	Z	-490	-490	1.076e-13	17.5
351	TRUSS16	Z	-490	-490	1.149e-13	17.5
352	TRUSS17	Z	-367.5	-367.5	0	17.5
353	TRUSS20	Z	-456.925	-456.925	1.71e-13	17.5
354	TRUSS21	Z	-367.5	-367.5	1.093e-13	17.5
355	TRUSS25	Z	-245	-245	4.441e-16	17.5
356	TRUSS31	Z	-490	-490	1.295e-13	17.5
357	TRUSS36	Z	-505.925	-505.925	2.887e-15	17.5
358	COL34	Z	-261.645	-261.645	0	2
359	COL34	Z	-261.645	-261.645	2	4
360	COL34	Z	-261.645	-261.645	4	6
361	COL34	Z	-261.645	-261.645	6	8
362	COL34	Z	-261.645	-261.645	8	10
363	COL34	Z	-261.645	-261.645	10	12
364	COL34	Z	-261.645	-261.645	12	14
365	COL34	Z	-261.645	-261.645	14	16
366	COL34	Z	-261.645	-261.645	16	18
367	COL34	Z	-261.645	-261.645	18	20
368	COL34	Z	-261.645	-261.645	20	22
369	COL34	Z	-261.645	-261.645	22	24
370	COL34	Z	-261.645	-261.645	24	26
371	COL34	Z	-261.645	-261.645	26	28
372	COL34	Z	-261.645	-261.645	28	30
373	COL34	Z	-261.645	-261.514	30	32
374	COL34	Z	-261.514	-261.382	32	34
375	COL34	Z	-261.382	-261.382	34	36
376	COL34	Z	-261.382	-261.354	36	38
377	COL34	Z	-261.354	-261.177	38	40
378	COL34	Z	-261.177	-260.956	40	42
379	COL34	Z	-260.956	-260.564	42	44
380	COL34	Z	-260.564	-259.927	44	46
381	COL40	Z	-181.638	-298.191	0	2.188
382	COL40	Z	-298.191	-297.164	2.188	4.375
383	COL40	Z	-297.164	-237.861	4.375	6.562
384	COL40	Z	-237.861	-237.861	6.562	8.75
385	COL40	Z	-237.861	-296.415	8.75	10.938
386	COL40	Z	-296.415	-296.415	10.938	13.125
387	COL40	Z	-296.415	-237.861	13.125	15.312
388	COL40	Z	-237.861	-237.861	15.312	17.5
389	COL49	Z	-254.458	-254.458	0	2.048
390	COL49	Z	-254.458	-254.458	2.048	4.097
391	COL49	Z	-254.458	-254.458	4.097	6.145
392	COL49	Z	-254.458	-254.458	6.145	8.194
393	COL49	Z	-254.458	-254.458	8.194	10.242
394	COL49	Z	-254.458	-254.458	10.242	12.29
395	COL49	Z	-254.458	-274.005	12.29	14.339
396	COL49	Z	-274.005	-318.072	14.339	16.387
397	COL49	Z	-318.072	-298.525	16.387	18.435
398	COL49	Z	-298.525	-254.458	18.435	20.484
399	COL49	Z	-254.458	-254.458	20.484	22.532
400	COL49	Z	-254.458	-254.458	22.532	24.581
401	COL49	Z	-254.458	-254.458	24.581	26.629
402	COL49	Z	-254.458	-254.458	26.629	28.677
403	COL49	Z	-254.458	-254.402	28.677	30.726

Member Distributed Loads (BLC 56 : BLC 22 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
404	COL49	Z	-254.402	-254.291	30.726	32.774
405	COL49	Z	-254.291	-254.236	32.774	34.823
406	COL49	Z	-254.236	-254.236	34.823	36.871
407	COL49	Z	-254.236	-254.236	36.871	38.919
408	COL49	Z	-254.236	-254.236	38.919	40.968
409	COL49	Z	-254.236	-254.236	40.968	43.016
410	COL49	Z	-254.236	-254.128	43.016	45.065
411	COL49	Z	-254.128	-273.244	45.065	47.113
412	COL49	Z	-273.244	-311.51	47.113	49.161
413	COL49	Z	-311.51	-296.453	49.161	51.21
414	COL49	Z	-296.453	-257.517	51.21	53.258
415	COL49	Z	-257.517	-252.68	53.258	55.306
416	COL49	Z	-252.68	-252.68	55.306	57.355
417	COL49	Z	-252.68	-252.68	57.355	59.403
418	COL49	Z	-252.68	-252.68	59.403	61.452
419	COL49	Z	-252.68	-252.68	61.452	63.5
420	COL10	Z	-114.929	-114.929	0	2
421	COL10	Z	-114.929	-114.929	2	4
422	COL10	Z	-114.929	-114.929	4	6
423	COL10	Z	-114.929	-114.929	6	8
424	COL10	Z	-114.929	-114.929	8	10
425	COL10	Z	-114.929	-114.929	10	12
426	COL10	Z	-114.929	-114.929	12	14
427	COL10	Z	-114.929	-114.929	14	16
428	COL10	Z	-114.929	-114.929	16	18
429	COL10	Z	-114.929	-114.929	18	20
430	COL10	Z	-114.929	-114.929	20	22
431	COL10	Z	-114.929	-114.929	22	24
432	COL10	Z	-114.929	-114.929	24	26
433	COL10	Z	-114.929	-114.929	26	28
434	COL10	Z	-114.929	-114.929	28	30
435	COL10	Z	-114.929	-114.929	30	32
436	COL10	Z	-114.929	-114.929	32	34
437	COL10	Z	-114.929	-114.929	34	36
438	COL10	Z	-114.929	-114.915	36	38
439	COL10	Z	-114.915	-114.832	38	40
440	COL10	Z	-114.832	-114.711	40	42
441	COL10	Z	-114.711	-114.462	42	44
442	COL10	Z	-114.462	-114.068	44	46
443	COL13	Z	-111.771	-111.771	0	2.048
444	COL13	Z	-111.771	-111.771	2.048	4.097
445	COL13	Z	-111.771	-111.771	4.097	6.145
446	COL13	Z	-111.771	-111.771	6.145	8.194
447	COL13	Z	-111.771	-111.771	8.194	10.242
448	COL13	Z	-111.771	-111.771	10.242	12.29
449	COL13	Z	-111.771	-116.421	12.29	14.339
450	COL13	Z	-116.421	-139.714	14.339	16.387
451	COL13	Z	-139.714	-135.064	16.387	18.435
452	COL13	Z	-135.064	-111.771	18.435	20.484
453	COL13	Z	-111.771	-111.771	20.484	22.532
454	COL13	Z	-111.771	-111.771	22.532	24.581
455	COL13	Z	-111.771	-111.771	24.581	26.629
456	COL13	Z	-111.771	-111.771	26.629	28.677
457	COL13	Z	-111.771	-111.771	28.677	30.726
458	COL13	Z	-111.771	-111.771	30.726	32.774
459	COL13	Z	-111.771	-111.771	32.774	34.823
460	COL13	Z	-111.771	-111.771	34.823	36.871
461	COL13	Z	-111.771	-111.722	36.871	38.919
462	COL13	Z	-111.722	-111.628	38.919	40.968
463	COL13	Z	-111.628	-111.579	40.968	43.016
464	COL13	Z	-111.579	-111.551	43.016	45.065
465	COL13	Z	-111.551	-120.682	45.065	47.113
466	COL13	Z	-120.682	-134.301	47.113	49.161
467	COL13	Z	-134.301	-129.483	49.161	51.21
468	COL13	Z	-129.483	-115.596	51.21	53.258
469	COL13	Z	-115.596	-110.99	53.258	55.306
470	COL13	Z	-110.99	-110.99	55.306	57.355
471	COL13	Z	-110.99	-110.99	57.355	59.403

Member Distributed Loads (BLC 56 : BLC 22 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
472	COL13	Z	-110.99	-110.99	59.403	61.452
473	COL13	Z	-110.99	-110.99	61.452	63.5
474	COL68	Z	-79.71	-130.711	0	2.188
475	COL68	Z	-130.711	-130.343	2.188	4.375
476	COL68	Z	-130.343	-104.475	4.375	6.562
477	COL68	Z	-104.475	-104.475	6.562	8.75
478	COL68	Z	-104.475	-130.195	8.75	10.938
479	COL68	Z	-130.195	-130.195	10.938	13.125
480	COL68	Z	-130.195	-104.475	13.125	15.312
481	COL68	Z	-104.475	-104.475	15.312	17.5

Member Distributed Loads (BLC 57 : BLC 23 Transient Area Loads)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	COL49	X	-77.218	-76.37	47.113	49.161
2	COL49	X	-76.37	-85.892	49.161	51.21
3	COL49	X	-85.892	-95.462	51.21	53.258
4	COL49	X	-95.462	-85.94	53.258	55.306
5	COL49	X	-85.94	-76.37	55.306	57.355
6	COL49	X	-76.37	-76.37	57.355	59.403
7	COL49	X	-76.37	-76.37	59.403	61.452
8	COL49	X	-76.37	-76.37	61.452	63.5
9	COL65	X	-76.921	-76.921	0	2.092
10	COL65	X	-76.921	-76.921	2.092	4.184
11	COL65	X	-76.921	-76.921	4.184	6.276
12	COL65	X	-76.921	-96.153	6.276	8.368
13	COL65	X	-96.153	-96.153	8.368	10.461
14	COL65	X	-96.153	-76.921	10.461	12.553
15	COL65	X	-76.921	-76.921	12.553	14.645
16	COL65	X	-76.921	-76.921	14.645	16.737
17	COL65	X	-76.921	-76.921	16.737	18.829
18	COL65	X	-76.921	-76.921	18.829	20.921
19	COL65	X	-76.921	-76.921	20.921	23.013
20	COL65	X	-76.921	-76.921	23.013	25.105
21	COL65	X	-76.921	-76.921	25.105	27.197
22	COL65	X	-76.921	-91.34	27.197	29.289
23	COL65	X	-91.34	-96.153	29.289	31.382
24	COL65	X	-96.153	-81.735	31.382	33.474
25	COL65	X	-81.735	-77.008	33.474	35.566
26	COL65	X	-77.008	-77.366	35.566	37.658
27	COL65	X	-77.366	-77.906	37.658	39.75
28	COL16	X	-245	-245	3.997e-15	12.667
29	COL18	X	-375.663	-375.663	4.885e-15	12.667
30	COL39	X	-229.075	-229.075	1.366e-14	12.667
31	COL50	X	-262.562	-262.562	1.665e-15	12.667
32	COL51	X	-490	-490	6.661e-15	12.667
33	COL52	X	-320.137	-320.137	1.588e-14	12.667
34	COL53	X	-153.938	-153.938	1.632e-14	12.667
35	COL65	X	-148.225	-148.225	3.997e-15	12.667
36	COL71	X	-245	-245	3.664e-15	12.667
37	M682	X	-245	-245	6.106e-15	12.667
38	COL11	X	490.015	490.015	0.003	33.989
39	COL13	X	222.345	222.345	0	2.048
40	COL13	X	222.345	222.345	2.048	4.097
41	COL13	X	222.345	222.345	4.097	6.145
42	COL13	X	222.345	222.345	6.145	8.194
43	COL13	X	222.345	222.345	8.194	10.242
44	COL13	X	222.345	222.345	10.242	12.29
45	COL13	X	222.345	240.85	12.29	14.339
46	COL13	X	240.85	277.933	14.339	16.387
47	COL13	X	277.933	259.428	16.387	18.435
48	COL13	X	259.428	222.345	18.435	20.484
49	COL13	X	222.345	222.345	20.484	22.532
50	COL13	X	222.345	222.345	22.532	24.581
51	COL13	X	222.345	222.345	24.581	26.629
52	COL13	X	222.345	222.377	26.629	28.677
53	COL13	X	222.377	222.606	28.677	30.726
54	COL13	X	222.606	223	30.726	32.774
55	COL13	X	223	223.229	32.774	34.823

Member Distributed Loads (BLC 57 : BLC 23 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
56	COL13	X	223.229	223.261	34.823	36.871
57	COL13	X	223.261	223.261	36.871	38.919
58	COL13	X	223.261	223.261	38.919	40.968
59	COL13	X	223.261	223.101	40.968	43.016
60	COL13	X	223.101	222.274	43.016	45.065
61	COL13	X	222.274	234.578	45.065	47.113
62	COL13	X	234.578	259.93	47.113	49.161
63	COL13	X	259.93	257.727	49.161	51.21
64	COL13	X	257.727	229.363	51.21	53.258
65	COL13	X	229.363	215.061	53.258	55.306
66	COL13	X	215.061	214.479	55.306	57.355
67	COL13	X	214.479	215.142	57.355	59.403
68	COL13	X	215.142	216.404	59.403	61.452
69	COL13	X	216.404	217.481	61.452	63.5
70	COL14	X	473.604	473.604	0	2
71	COL14	X	473.604	473.604	2	4
72	COL14	X	473.604	473.604	4	6
73	COL14	X	473.604	473.604	6	8
74	COL14	X	473.604	473.604	8	10
75	COL14	X	473.604	473.604	10	12
76	COL14	X	473.604	473.604	12	14
77	COL14	X	473.604	473.604	14	16
78	COL14	X	473.604	473.604	16	18
79	COL14	X	473.604	473.604	18	20
80	COL14	X	473.604	473.604	20	22
81	COL14	X	473.604	473.604	22	24
82	COL14	X	473.604	473.604	24	26
83	COL14	X	473.604	473.651	26	28
84	COL14	X	473.651	474.076	28	30
85	COL14	X	474.076	475.251	30	32
86	COL14	X	475.251	476.844	32	34
87	COL26	X	470.16	470.99	0	2.029
88	COL26	X	470.99	471.043	2.029	4.058
89	COL26	X	471.043	469.895	4.058	6.088
90	COL26	X	469.895	468.142	6.088	8.117
91	COL26	X	468.142	471.05	8.117	10.146
92	COL26	X	471.05	478.729	10.146	12.175
93	COL26	X	478.729	481.568	12.175	14.205
94	COL26	X	481.568	479.816	14.205	16.234
95	COL26	X	479.816	478.353	16.234	18.263
96	COL26	X	478.353	476.993	18.263	20.292
97	COL26	X	476.993	475.668	20.292	22.321
98	COL26	X	475.668	474.386	22.321	24.351
99	COL30	X	468.736	470.423	0	2.037
100	COL30	X	470.423	471.899	2.037	4.075
101	COL30	X	471.899	473.202	4.075	6.112
102	COL30	X	473.202	474.417	6.112	8.15
103	COL30	X	474.417	475.057	8.15	10.187
104	COL30	X	475.057	475.009	10.187	12.225
105	COL30	X	475.009	474.825	12.225	14.262
106	COL30	X	474.825	484.725	14.262	16.3
107	COL30	X	484.725	485.68	16.3	18.337
108	COL30	X	485.68	464.121	18.337	20.375
109	COL30	X	464.121	463.483	20.375	22.412
110	COL30	X	463.483	478.401	22.412	24.449
111	COL30	X	478.401	484.161	24.449	26.487
112	COL30	X	484.161	489.716	26.487	28.524
113	COL35	X	462.133	462.077	0	2.116
114	COL35	X	462.077	463.219	2.116	4.232
115	COL35	X	463.219	545.259	4.232	6.349
116	COL35	X	545.259	547.878	6.349	8.465
117	COL35	X	547.878	471.477	8.465	10.581
118	COL35	X	471.477	474.516	10.581	12.697
119	COL35	X	474.516	477.24	12.697	14.813
120	COL35	X	477.24	478.685	14.813	16.929
121	COL35	X	478.685	492.269	16.929	19.046
122	COL35	X	492.269	501.441	19.046	21.162
123	COL35	X	501.441	492.436	21.162	23.278

Member Distributed Loads (BLC 57 : BLC 23 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
124	COL35	X	492.436	483.434	23.278	25.394
125	COL37	X	484.235	490.511	0	2.034
126	COL37	X	490.511	499.902	2.034	4.067
127	COL37	X	499.902	502.354	4.067	6.101
128	COL37	X	502.354	488.232	6.101	8.135
129	COL37	X	488.232	474.847	8.135	10.168
130	COL37	X	474.847	472.664	10.168	12.202
131	COL37	X	472.664	475.873	12.202	14.236
132	COL37	X	475.873	484.203	14.236	16.269
133	COL37	X	484.203	491.054	16.269	18.303
134	COL37	X	491.054	493.123	18.303	20.337
135	COL37	X	493.123	496.998	20.337	22.37
136	COL37	X	496.998	492.105	22.37	24.404
137	COL37	X	492.105	477.009	24.404	26.438
138	COL46	X	460.023	456.707	0	2.114
139	COL46	X	456.707	453.095	2.114	4.228
140	COL46	X	453.095	545.69	4.228	6.342
141	COL46	X	545.69	571.696	6.342	8.456
142	COL46	X	571.696	478.113	8.456	10.57
143	COL46	X	478.113	450.967	10.57	12.684
144	COL46	X	450.967	446.842	12.684	14.797
145	COL46	X	446.842	452.312	14.797	16.911
146	COL46	X	452.312	516.465	16.911	19.025
147	COL46	X	516.465	535.266	19.025	21.139
148	COL46	X	535.266	488.977	21.139	23.253
149	COL46	X	488.977	476.268	23.253	25.367
150	COL46	X	476.268	467.703	25.367	27.481
151	COL60	X	229.088	229.088	0	2
152	COL60	X	229.088	229.088	2	4
153	COL60	X	229.088	229.088	4	6
154	COL60	X	229.088	229.088	6	8
155	COL60	X	229.088	229.088	8	10
156	COL60	X	229.088	229.088	10	12
157	COL60	X	229.088	229.088	12	14
158	COL60	X	229.088	229.088	14	16
159	COL60	X	229.088	229.088	16	18
160	COL60	X	229.088	229.088	18	20
161	COL60	X	229.088	229.088	20	22
162	COL60	X	229.088	229.088	22	24
163	COL60	X	229.088	229.088	24	26
164	COL60	X	229.088	229.088	26	28
165	COL60	X	229.088	228.936	28	30
166	COL60	X	228.936	228.344	30	32
167	COL60	X	228.344	227.462	32	34
168	COL62	X	474.054	474.054	0	2
169	COL62	X	474.054	474.054	2	4
170	COL62	X	474.054	474.054	4	6
171	COL62	X	474.054	474.054	6	8
172	COL62	X	474.054	474.054	8	10
173	COL62	X	474.054	474.054	10	12
174	COL62	X	474.054	474.054	12	14
175	COL62	X	474.054	474.054	14	16
176	COL62	X	474.054	474.054	16	18
177	COL62	X	474.054	474.054	18	20
178	COL62	X	474.054	474.054	20	22
179	COL62	X	474.054	474.054	22	24
180	COL62	X	474.054	474.054	24	26
181	COL62	X	474.054	474.054	26	28
182	COL62	X	474.054	474.36	28	30
183	COL62	X	474.36	475.375	30	32
184	COL62	X	475.375	476.794	32	34
185	COL63	X	490.005	490.005	0	2
186	COL63	X	490.005	490.005	2	4
187	COL63	X	490.005	490.005	4	6
188	COL63	X	490.005	490.005	6	8
189	COL63	X	490.005	490.005	8	10
190	COL63	X	490.005	490.005	10	12
191	COL63	X	490.005	490.005	12	14

Member Distributed Loads (BLC 57 : BLC 23 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
192	COL63	X	490.005	490.005	14	16
193	COL63	X	490.005	490.005	16	18
194	COL63	X	490.005	490.005	18	20
195	COL63	X	490.005	490.005	20	22
196	COL63	X	490.005	490.005	22	24
197	COL63	X	490.005	490.005	24	26
198	COL63	X	490.005	490.005	26	28
199	COL63	X	490.005	490.018	28	30
200	COL63	X	490.018	489.851	30	32
201	COL63	X	489.851	489.49	32	34
202	COL64	X	490.141	490.141	3.886e-15	34
203	COL67	X	214.098	213.256	0	2.125
204	COL67	X	213.256	230.255	2.125	4.25
205	COL67	X	230.255	265.6	4.25	6.375
206	COL67	X	265.6	248.04	6.375	8.5
207	COL67	X	248.04	212.555	8.5	10.625
208	COL67	X	212.555	212.555	10.625	12.75
209	COL67	X	212.555	212.555	12.75	14.875
210	COL67	X	212.555	230.115	14.875	17
211	COL67	X	230.115	252.236	17	19.125
212	COL67	X	252.236	248.04	19.125	21.25
213	COL67	X	248.04	230.526	21.25	23.375
214	EDGE32	X	20.188	20.188	0	1.85
215	EDGE33	X	34.36	34.36	0	0.551
216	EDGE46	X	25.014	25.014	23.518	25.022
217	COL20	X	-229.147	-229.147	13.886	33.979
218	COL23	X	-483.278	-483.278	13.6	15.64
219	COL23	X	-483.278	-483.278	15.64	17.68
220	COL23	X	-483.278	-483.278	17.68	19.72
221	COL23	X	-483.278	-483.278	19.72	21.76
222	COL23	X	-483.278	-483.278	21.76	23.8
223	COL23	X	-483.278	-483.278	23.8	25.84
224	COL23	X	-483.278	-483.278	25.84	27.88
225	COL23	X	-483.278	-483.126	27.88	29.92
226	COL23	X	-483.126	-482.413	29.92	31.96
227	COL23	X	-482.413	-481.293	31.96	34
228	COL31	X	-482.205	-488.921	0	2.034
229	COL31	X	-488.921	-497.503	2.034	4.067
230	COL31	X	-497.503	-496.556	4.067	6.101
231	COL31	X	-496.556	-488.244	6.101	8.135
232	COL31	X	-488.244	-485.944	8.135	10.168
233	COL31	X	-485.944	-480.706	10.168	12.202
234	COL31	X	-480.706	-475.348	12.202	14.236
235	COL31	X	-475.348	-482.151	14.236	16.269
236	COL31	X	-482.151	-490.619	16.269	18.303
237	COL31	X	-490.619	-493.354	18.303	20.337
238	COL31	X	-493.354	-496.797	20.337	22.37
239	COL31	X	-496.797	-496.344	22.37	24.404
240	COL31	X	-496.344	-491.251	24.404	26.438
241	COL33	X	-459.675	-456.542	0	2.114
242	COL33	X	-456.542	-453.082	2.114	4.228
243	COL33	X	-453.082	-536.38	4.228	6.342
244	COL33	X	-536.38	-571.647	6.342	8.456
245	COL33	X	-571.647	-487.383	8.456	10.57
246	COL33	X	-487.383	-450.966	10.57	12.684
247	COL33	X	-450.966	-446.846	12.684	14.797
248	COL33	X	-446.846	-452.245	14.797	16.911
249	COL33	X	-452.245	-516.096	16.911	19.025
250	COL33	X	-516.096	-534.934	19.025	21.139
251	COL33	X	-534.934	-489.059	21.139	23.253
252	COL33	X	-489.059	-476.425	23.253	25.367
253	COL33	X	-476.425	-467.759	25.367	27.481
254	COL36	X	-471.438	-471.528	0	2.029
255	COL36	X	-471.528	-471.13	2.029	4.058
256	COL36	X	-471.13	-469.889	4.058	6.088
257	COL36	X	-469.889	-468.139	6.088	8.117
258	COL36	X	-468.139	-471.043	8.117	10.146
259	COL36	X	-471.043	-478.707	10.146	12.175

Member Distributed Loads (BLC 57 : BLC 23 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
260	COL36	X	-478.707	-481.568	12.175	14.205
261	COL36	X	-481.568	-479.837	14.205	16.234
262	COL36	X	-479.837	-478.362	16.234	18.263
263	COL36	X	-478.362	-476.986	18.263	20.292
264	COL36	X	-476.986	-475.66	20.292	22.321
265	COL36	X	-475.66	-474.383	22.321	24.351
266	COL47	X	-390.2	-390.637	0	2.037
267	COL47	X	-390.637	-391.233	2.037	4.075
268	COL47	X	-391.233	-392.178	4.075	6.112
269	COL47	X	-392.178	-393.317	6.112	8.15
270	COL47	X	-393.317	-394.697	8.15	10.187
271	COL47	X	-394.697	-396.614	10.187	12.225
272	COL47	X	-396.614	-399.015	12.225	14.262
273	COL47	X	-399.015	-397.965	14.262	16.3
274	COL47	X	-397.965	-395.049	16.3	18.337
275	COL47	X	-395.049	-390.357	18.337	20.375
276	COL47	X	-390.357	-383.936	20.375	22.412
277	COL47	X	-383.936	-385.172	22.412	24.449
278	COL47	X	-385.172	-390.791	24.449	26.487
279	COL47	X	-390.791	-394.953	26.487	28.524
280	COL48	X	-463.453	-462.763	0	2.116
281	COL48	X	-462.763	-463.516	2.116	4.232
282	COL48	X	-463.516	-546.624	4.232	6.349
283	COL48	X	-546.624	-550.535	6.349	8.465
284	COL48	X	-550.535	-464.475	8.465	10.581
285	COL48	X	-464.475	-466.785	10.581	12.697
286	COL48	X	-466.785	-478.146	12.697	14.813
287	COL48	X	-478.146	-479.065	14.813	16.929
288	COL48	X	-479.065	-492.427	16.929	19.046
289	COL48	X	-492.427	-501.448	19.046	21.162
290	COL48	X	-501.448	-492.431	21.162	23.278
291	COL48	X	-492.431	-483.422	23.278	25.394
292	COL54	X	-259.69	-258.665	13.6	15.64
293	COL54	X	-258.665	-257.515	15.64	17.68
294	COL54	X	-257.515	-257.085	17.68	19.72
295	COL54	X	-257.085	-290.969	19.72	21.76
296	COL54	X	-290.969	-359.354	21.76	23.8
297	COL54	X	-359.354	-391.406	23.8	25.84
298	COL54	X	-391.406	-384.479	25.84	27.88
299	COL54	X	-384.479	-388.236	27.88	29.92
300	COL54	X	-388.236	-393.171	29.92	31.96
301	COL54	X	-393.171	-386.989	31.96	34
302	COL55	X	-242.015	-240.785	13.6	15.64
303	COL55	X	-240.785	-239.349	15.64	17.68
304	COL55	X	-239.349	-238.451	17.68	19.72
305	COL55	X	-238.451	-307.362	19.72	21.76
306	COL55	X	-307.362	-428.428	21.76	23.8
307	COL55	X	-428.428	-482.788	23.8	25.84
308	COL55	X	-482.788	-492.732	25.84	27.88
309	COL55	X	-492.732	-494.517	27.88	29.92
310	COL55	X	-494.517	-483.848	29.92	31.96
311	COL55	X	-483.848	-474.263	31.96	34
312	COL56	X	-372.792	-372.578	13.6	15.64
313	COL56	X	-372.578	-372.274	15.64	17.68
314	COL56	X	-372.274	-371.527	17.68	19.72
315	COL56	X	-371.527	-405.77	19.72	21.76
316	COL56	X	-405.77	-457.447	21.76	23.8
317	COL56	X	-457.447	-478.789	23.8	25.84
318	COL56	X	-478.789	-495.036	25.84	27.88
319	COL56	X	-495.036	-493.537	27.88	29.92
320	COL56	X	-493.537	-480.303	29.92	31.96
321	COL56	X	-480.303	-480.407	31.96	34
322	COL57	X	-467.528	-467.528	13.6	15.64
323	COL57	X	-467.528	-467.528	15.64	17.68
324	COL57	X	-467.528	-467.528	17.68	19.72
325	COL57	X	-467.528	-467.528	19.72	21.76
326	COL57	X	-467.528	-467.528	21.76	23.8
327	COL57	X	-467.528	-467.528	23.8	25.84

Member Distributed Loads (BLC 57 : BLC 23 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
328	COL57	X	-467.528	-467.528	25.84	27.88
329	COL57	X	-467.528	-467.717	27.88	29.92
330	COL57	X	-467.717	-468.249	29.92	31.96
331	COL57	X	-468.249	-468.932	31.96	34
332	COL66	X	-214.665	-213.601	0	2.125
333	COL66	X	-213.601	-230.369	2.125	4.25
334	COL66	X	-230.369	-265.594	4.25	6.375
335	COL66	X	-265.594	-248.035	6.375	8.5
336	COL66	X	-248.035	-212.55	8.5	10.625
337	COL66	X	-212.55	-212.55	10.625	12.75
338	COL66	X	-212.55	-212.55	12.75	14.875
339	COL66	X	-212.55	-230.11	14.875	17
340	COL66	X	-230.11	-252.231	17	19.125
341	COL66	X	-252.231	-248.035	19.125	21.25
342	COL66	X	-248.035	-230.521	21.25	23.375
343	COL69	X	-195.386	-219.914	13.65	15.47
344	COL69	X	-219.914	-255.831	15.47	17.29
345	COL69	X	-255.831	-260.323	17.29	19.11
346	COL69	X	-260.323	-239.768	19.11	20.93
347	COL69	X	-239.768	-236.979	20.93	22.75
348	COL70	X	-195.386	-219.914	13.65	15.47
349	COL70	X	-219.914	-255.831	15.47	17.29
350	COL70	X	-255.831	-260.323	17.29	19.11
351	COL70	X	-260.323	-239.768	19.11	20.93
352	COL70	X	-239.768	-236.979	20.93	22.75
353	EDGE10	X	-25.01	-25.01	23.518	25.022
354	EDGE29	X	-18.499	-18.499	0.714	1.714
355	EDGE31	X	-34.387	-34.387	0	0.55
356	X RIGID1	X	-135.881	-136.633	0	2.144
357	X RIGID1	X	-136.633	-150.046	2.144	4.289
358	X RIGID1	X	-150.046	-155.024	4.289	6.433
359	X RIGID1	X	-155.024	-143.088	6.433	8.578
360	X RIGID1	X	-143.088	-148.559	8.578	10.722
361	X RIGID1	X	-148.559	-151.627	10.722	12.867
362	X RIGID1	X	-151.627	-145.311	12.867	15.011
363	X RIGID1	X	-145.311	-145.238	15.011	17.156
364	X RIGID2	X	-223.137	-133.098	0	1.774
365	X RIGID2	X	-133.098	-132.666	1.774	3.548
366	X RIGID2	X	-132.666	-170.782	3.548	5.321
367	X RIGID2	X	-170.782	-136.089	5.321	7.095
368	X RIGID2	X	-136.089	-79.644	7.095	8.869
369	X RIGID3	X	-144.475	-158.721	0	2.114
370	X RIGID3	X	-158.721	-164.712	2.114	4.227
371	X RIGID3	X	-164.712	-150.537	4.227	6.341
372	X RIGID3	X	-150.537	-137.501	6.341	8.455
373	X RIGID3	X	-137.501	-137.593	8.455	10.568
374	X RIGID3	X	-137.593	-137.765	10.568	12.682
375	X RIGID3	X	-137.765	-146.533	12.682	14.795
376	X RIGID3	X	-146.533	-172.251	14.795	16.909
377	X RIGID3	X	-172.251	-163.512	16.909	19.023
378	X RIGID3	X	-163.512	-137.886	19.023	21.136
379	X RIGID3	X	-137.886	-138.182	21.136	23.25
380	COL29	X	-78.031	-78.565	0	2.128
381	COL29	X	-78.565	-78.918	2.128	4.256
382	COL29	X	-78.918	-76.215	4.256	6.383
383	COL29	X	-76.215	-91.625	6.383	8.511
384	COL29	X	-91.625	-91.625	8.511	10.639
385	COL29	X	-91.625	-73.426	10.639	12.767
386	COL29	X	-73.426	-73.426	12.767	14.895
387	COL29	X	-73.426	-77.959	14.895	17.022
388	COL29	X	-77.959	-91.625	17.022	19.15
389	COL29	X	-91.625	-87.092	19.15	21.278
390	COL29	X	-87.092	-59.761	21.278	23.406
391	COL49	X	-78.817	-78.817	0	2.048
392	COL49	X	-78.817	-78.817	2.048	4.097
393	COL49	X	-78.817	-78.817	4.097	6.145
394	COL49	X	-78.817	-78.817	6.145	8.194
395	COL49	X	-78.817	-78.817	8.194	10.242

Member Distributed Loads (BLC 57 : BLC 23 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
396	COL49	X	-78.817	-78.817	10.242	12.29
397	COL49	X	-78.817	-78.817	12.29	14.339
398	COL49	X	-78.817	-78.817	14.339	16.387
399	COL49	X	-78.817	-93.589	16.387	18.435
400	COL49	X	-93.589	-98.521	18.435	20.484
401	COL49	X	-98.521	-83.749	20.484	22.532
402	COL49	X	-83.749	-78.817	22.532	24.581
403	COL49	X	-78.817	-78.817	24.581	26.629
404	COL49	X	-78.817	-78.817	26.629	28.677
405	COL49	X	-78.817	-78.817	28.677	30.726
406	COL49	X	-78.817	-78.817	30.726	32.774
407	COL49	X	-78.817	-78.825	32.774	34.823
408	COL49	X	-78.825	-78.939	34.823	36.871
409	COL49	X	-78.939	-79.166	36.871	38.919
410	COL49	X	-79.166	-79.407	38.919	40.968
411	COL49	X	-79.407	-79.641	40.968	43.016
412	COL49	X	-79.641	-78.911	43.016	45.065
413	COL49	X	-78.911	-77.218	45.065	47.113

Member Distributed Loads (BLC 58 : BLC 24 Transient Area Loads)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	PARAPET1	X	285.75	285.75	2.431e-14	4.833
2	PARAPET3	X	552.926	552.926	3.508e-14	4.833
3	PARAPET4	X	267.176	267.176	0	4.833
4	PARAPET6	X	571.5	571.5	0	4.833
5	SCREEN12	X	57.15	57.15	3.764e-14	15
6	SCREEN15	X	57.15	57.15	9.77e-15	15
7	SCREEN23	X	57.15	57.15	1.776e-14	25
8	SCREEN25	X	57.15	57.15	1.954e-14	25
9	COL31	X	-2.206	-2.509	10.575	12.841
10	COL31	X	-2.509	-0.867	12.841	15.107
11	COL31	X	-0.867	6.982	15.107	17.373
12	COL31	X	6.982	19.566	17.373	19.639
13	COL31	X	19.566	-8.555	19.639	21.905
14	COL31	X	-8.555	-39.961	21.905	24.171
15	COL31	X	-39.961	-33.473	24.171	26.438
16	COL48	X	0.771	217.804	10.158	12.334
17	COL48	X	217.804	372.817	12.334	14.511
18	COL48	X	372.817	308.559	14.511	16.688
19	COL48	X	308.559	324.004	16.688	18.864
20	COL48	X	324.004	348.046	18.864	21.041
21	COL48	X	348.046	343.604	21.041	23.217
22	COL48	X	343.604	322.008	23.217	25.394
23	EDGE10	X	16.613	16.613	23.467	25.022
24	COL36	X	0.076	159.924	9.74	11.827
25	COL36	X	159.924	319.218	11.827	13.915
26	COL36	X	319.218	317.769	13.915	16.002
27	COL36	X	317.769	318.703	16.002	18.089
28	COL36	X	318.703	322.122	18.089	20.176
29	COL36	X	322.122	322.643	20.176	22.263
30	COL36	X	322.643	320.504	22.263	24.351
31	COL66	X	112.924	145.116	11.688	14.025
32	COL66	X	145.116	161.553	14.025	16.363
33	COL66	X	161.553	148.116	16.363	18.7
34	COL66	X	148.116	161.553	18.7	21.037
35	COL66	X	161.553	215.983	21.037	23.375
36	COL31	X	157.5	157.5	1.776e-15	12
37	COL36	X	304.763	304.763	2.109e-14	12
38	COL48	X	315	315	2.109e-15	12
39	COL66	X	147.262	147.262	0	12
40	COL20	X	138.848	138.848	22.75	34
41	COL23	X	297	297	22.75	34
42	COL56	X	5.684e-14	5.684e-14	22.75	34
43	COL57	X	287.347	287.347	22.75	34
44	COL20	X	127.627	127.627	13.881	22.75
45	COL23	X	273	273	13.881	22.75
46	COL56	X	63.702	63.702	13.881	22.75
47	COL57	X	264.128	264.128	13.881	22.75

Member Distributed Loads (BLC 58 : BLC 24 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
48	COL18	X	124.5	124.5	0	12.667
49	COL39	X	116.408	116.408	1.366e-14	12.667
50	COL51	X	249	249	1.288e-14	12.667
51	COL52	X	162.682	162.682	1.588e-14	12.667
52	COL53	X	78.226	78.226	1.632e-14	12.667
53	COL26	X	282.094	282.593	0	2.029
54	COL26	X	282.593	282.626	2.029	4.058
55	COL26	X	282.626	281.937	4.058	6.088
56	COL26	X	281.937	280.885	6.088	8.117
57	COL26	X	280.885	282.63	8.117	10.146
58	COL26	X	282.63	287.237	10.146	12.175
59	COL26	X	287.237	288.941	12.175	14.205
60	COL26	X	288.941	287.889	14.205	16.234
61	COL26	X	287.889	287.012	16.234	18.263
62	COL26	X	287.012	286.196	18.263	20.292
63	COL26	X	286.196	285.401	20.292	22.321
64	COL26	X	285.401	284.631	22.321	24.351
65	COL35	X	277.275	277.246	0	2.116
66	COL35	X	277.246	277.932	2.116	4.232
67	COL35	X	277.932	327.155	4.232	6.349
68	COL35	X	327.155	328.727	6.349	8.465
69	COL35	X	328.727	282.886	8.465	10.581
70	COL35	X	282.886	284.71	10.581	12.697
71	COL35	X	284.71	286.344	12.697	14.813
72	COL35	X	286.344	287.211	14.813	16.929
73	COL35	X	287.211	295.362	16.929	19.046
74	COL35	X	295.362	300.865	19.046	21.162
75	COL35	X	300.865	295.462	21.162	23.278
76	COL35	X	295.462	290.061	23.278	25.394
77	COL37	X	0.088	-1.827	0	2.034
78	COL37	X	-1.827	-4.356	2.034	4.067
79	COL37	X	-4.356	1.665	4.067	6.101
80	COL37	X	1.665	10.321	6.101	8.135
81	COL37	X	10.321	4.766	8.135	10.168
82	COL37	X	4.766	-3.581	10.168	12.202
83	COL37	X	-3.581	-4.869	12.202	14.236
84	COL37	X	-4.869	-6.796	14.236	16.269
85	COL37	X	-6.796	-8.922	16.269	18.303
86	COL37	X	-8.922	-8.688	18.303	20.337
87	COL37	X	-8.688	-9.571	20.337	22.37
88	COL37	X	-9.571	-10.748	22.37	24.404
89	COL37	X	-10.748	-11.355	24.404	26.438
90	COL60	X	137.453	137.453	0	2
91	COL60	X	137.453	137.453	2	4
92	COL60	X	137.453	137.453	4	6
93	COL60	X	137.453	137.453	6	8
94	COL60	X	137.453	137.453	8	10
95	COL60	X	137.453	137.453	10	12
96	COL60	X	137.453	137.453	12	14
97	COL60	X	137.453	137.453	14	16
98	COL60	X	137.453	137.453	16	18
99	COL60	X	137.453	137.453	18	20
100	COL60	X	137.453	137.453	20	22
101	COL60	X	137.453	137.453	22	24
102	COL60	X	137.453	137.453	24	26
103	COL60	X	137.453	137.453	26	28
104	COL60	X	137.453	137.363	28	30
105	COL60	X	137.363	137.012	30	32
106	COL60	X	137.012	136.488	32	34
107	COL62	X	284.432	284.432	0	2
108	COL62	X	284.432	284.432	2	4
109	COL62	X	284.432	284.432	4	6
110	COL62	X	284.432	284.432	6	8
111	COL62	X	284.432	284.432	8	10
112	COL62	X	284.432	284.432	10	12
113	COL62	X	284.432	284.432	12	14
114	COL62	X	284.432	284.432	14	16
115	COL62	X	284.432	284.432	16	18

Member Distributed Loads (BLC 58 : BLC 24 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
116	COL62	X	284.432	284.432	18	20
117	COL62	X	284.432	284.432	20	22
118	COL62	X	284.432	284.432	22	24
119	COL62	X	284.432	284.432	24	26
120	COL62	X	284.432	284.432	26	28
121	COL62	X	284.432	284.616	28	30
122	COL62	X	284.616	285.225	30	32
123	COL62	X	285.225	286.078	32	34
124	COL63	X	294.003	294.003	0	2
125	COL63	X	294.003	294.003	2	4
126	COL63	X	294.003	294.003	4	6
127	COL63	X	294.003	294.003	6	8
128	COL63	X	294.003	294.003	8	10
129	COL63	X	294.003	294.003	10	12
130	COL63	X	294.003	294.003	12	14
131	COL63	X	294.003	294.003	14	16
132	COL63	X	294.003	294.003	16	18
133	COL63	X	294.003	294.003	18	20
134	COL63	X	294.003	294.003	20	22
135	COL63	X	294.003	294.003	22	24
136	COL63	X	294.003	294.003	24	26
137	COL63	X	294.003	294.003	26	28
138	COL63	X	294.003	294.012	28	30
139	COL63	X	294.012	293.909	30	32
140	COL63	X	293.909	293.688	32	34
141	COL64	X	147.045	147.045	0.001	33.998
142	COL67	X	128.423	127.949	0	2.125
143	COL67	X	127.949	138.158	2.125	4.25
144	COL67	X	138.158	159.36	4.25	6.375
145	COL67	X	159.36	148.825	6.375	8.5
146	COL67	X	148.825	127.534	8.5	10.625
147	COL67	X	127.534	127.534	10.625	12.75
148	COL67	X	127.534	127.534	12.75	14.875
149	COL67	X	127.534	138.07	14.875	17
150	COL67	X	138.07	151.342	17	19.125
151	COL67	X	151.342	148.825	19.125	21.25
152	COL67	X	148.825	138.316	21.25	23.375
153	EDGE46	X	15.008	15.008	23.518	25.022
154	COL11	X	-294.009	-294.009	0.003	33.989
155	COL13	X	-133.407	-133.407	0	2.048
156	COL13	X	-133.407	-133.407	2.048	4.097
157	COL13	X	-133.407	-133.407	4.097	6.145
158	COL13	X	-133.407	-133.407	6.145	8.194
159	COL13	X	-133.407	-133.407	8.194	10.242
160	COL13	X	-133.407	-133.407	10.242	12.29
161	COL13	X	-133.407	-144.51	12.29	14.339
162	COL13	X	-144.51	-166.76	14.339	16.387
163	COL13	X	-166.76	-155.657	16.387	18.435
164	COL13	X	-155.657	-133.407	18.435	20.484
165	COL13	X	-133.407	-133.407	20.484	22.532
166	COL13	X	-133.407	-133.407	22.532	24.581
167	COL13	X	-133.407	-133.407	24.581	26.629
168	COL13	X	-133.407	-133.426	26.629	28.677
169	COL13	X	-133.426	-133.563	28.677	30.726
170	COL13	X	-133.563	-133.8	30.726	32.774
171	COL13	X	-133.8	-133.937	32.774	34.823
172	COL13	X	-133.937	-133.957	34.823	36.871
173	COL13	X	-133.957	-133.957	36.871	38.919
174	COL13	X	-133.957	-133.957	38.919	40.968
175	COL13	X	-133.957	-133.861	40.968	43.016
176	COL13	X	-133.861	-133.364	43.016	45.065
177	COL13	X	-133.364	-140.747	45.065	47.113
178	COL13	X	-140.747	-155.958	47.113	49.161
179	COL13	X	-155.958	-154.636	49.161	51.21
180	COL13	X	-154.636	-137.618	51.21	53.258
181	COL13	X	-137.618	-129.037	53.258	55.306
182	COL13	X	-129.037	-128.688	55.306	57.355
183	COL13	X	-128.688	-129.085	57.355	59.403

Member Distributed Loads (BLC 58 : BLC 24 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
184	COL13	X	-129.085	-129.843	59.403	61.452
185	COL13	X	-129.843	-130.488	61.452	63.5
186	COL14	X	-284.162	-284.162	0	2
187	COL14	X	-284.162	-284.162	2	4
188	COL14	X	-284.162	-284.162	4	6
189	COL14	X	-284.162	-284.162	6	8
190	COL14	X	-284.162	-284.162	8	10
191	COL14	X	-284.162	-284.162	10	12
192	COL14	X	-284.162	-284.162	12	14
193	COL14	X	-284.162	-284.162	14	16
194	COL14	X	-284.162	-284.162	16	18
195	COL14	X	-284.162	-284.162	18	20
196	COL14	X	-284.162	-284.162	20	22
197	COL14	X	-284.162	-284.162	22	24
198	COL14	X	-284.162	-284.162	24	26
199	COL14	X	-284.162	-284.19	26	28
200	COL14	X	-284.19	-284.446	28	30
201	COL14	X	-284.446	-285.151	30	32
202	COL14	X	-285.151	-286.106	32	34
203	COL30	X	-281.241	-282.254	0	2.037
204	COL30	X	-282.254	-283.139	2.037	4.075
205	COL30	X	-283.139	-283.921	4.075	6.112
206	COL30	X	-283.921	-284.65	6.112	8.15
207	COL30	X	-284.65	-285.034	8.15	10.187
208	COL30	X	-285.034	-285.005	10.187	12.225
209	COL30	X	-285.005	-284.895	12.225	14.262
210	COL30	X	-284.895	-290.835	14.262	16.3
211	COL30	X	-290.835	-291.408	16.3	18.337
212	COL30	X	-291.408	-278.473	18.337	20.375
213	COL30	X	-278.473	-278.09	20.375	22.412
214	COL30	X	-278.09	-287.041	22.412	24.449
215	COL30	X	-287.041	-290.496	24.449	26.487
216	COL30	X	-290.496	-293.829	26.487	28.524
217	COL46	X	-276.014	-274.024	0	2.114
218	COL46	X	-274.024	-271.857	2.114	4.228
219	COL46	X	-271.857	-327.414	4.228	6.342
220	COL46	X	-327.414	-343.017	6.342	8.456
221	COL46	X	-343.017	-286.868	8.456	10.57
222	COL46	X	-286.868	-270.58	10.57	12.684
223	COL46	X	-270.58	-268.105	12.684	14.797
224	COL46	X	-268.105	-271.387	14.797	16.911
225	COL46	X	-271.387	-309.879	16.911	19.025
226	COL46	X	-309.879	-321.16	19.025	21.139
227	COL46	X	-321.16	-293.386	21.139	23.253
228	COL46	X	-293.386	-285.761	23.253	25.367
229	COL46	X	-285.761	-280.622	25.367	27.481
230	COL64	X	-147.054	-147.054	3.886e-15	34
231	EDGE32	X	-12.113	-12.113	0	1.85
232	EDGE33	X	-20.616	-20.616	0	0.551
233	COL16	X	-124.5	-124.5	2.22e-15	12.667
234	COL18	X	-66.398	-66.398	4.885e-15	12.667
235	COL49	X	-41.085	-41.085	5.551e-16	12.667
236	COL50	X	-133.424	-133.424	1.665e-15	12.667
237	COL65	X	-116.408	-116.408	2.554e-15	12.667
238	COL71	X	-124.5	-124.5	2.776e-15	12.667
239	M682	X	-124.5	-124.5	6.106e-15	12.667
240	COL54	X	-146.284	-146.284	13.881	22.75
241	COL55	X	-136.5	-136.5	13.881	22.75
242	COL69	X	-136.5	-136.5	13.881	22.75
243	COL70	X	-136.5	-136.5	13.881	22.75
244	X_RIGID2	X	-82.583	-82.583	3.886e-15	8.869
245	COL49	X	-45.045	-45.045	12.667	22.75
246	COL65	X	-45.045	-45.045	12.667	22.75
247	COL54	X	-238.343	-238.343	22.75	34
248	COL55	X	-297	-297	22.75	34
249	X_RIGID3	X	-89.842	-89.842	8.882e-16	11.25
250	COL49	X	-49.005	-49.005	22.75	34.375
251	COL65	X	-49.005	-49.005	22.75	34.375

Member Distributed Loads (BLC 58 : BLC 24 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
252	COL31	X	-157.5	-157.5	1.332e-15	12
253	COL33	X	-315	-315	2.22e-15	12
254	COL47	X	-252.787	-252.787	8.882e-16	12
255	X_RIGID3	X	-95.288	-95.288	11.25	23.25
256	COL29	X	-19.353	-57.495	0	1.404
257	COL29	X	-57.495	-58.083	1.404	2.809
258	COL29	X	-58.083	-39.662	2.809	4.213
259	COL29	X	-39.662	-39.754	4.213	5.617
260	COL29	X	-39.754	-39.81	5.617	7.022
261	COL49	X	0	-23.342	31.75	33.867
262	COL49	X	-23.342	-46.794	33.867	35.983
263	COL49	X	-46.794	-47.141	35.983	38.1
264	COL49	X	-47.141	-47.575	38.1	40.217
265	COL49	X	-47.575	-48.015	40.217	42.333
266	COL49	X	-48.015	-48.358	42.333	44.45
267	COL49	X	-61.851	-63.288	44.45	46.567
268	COL49	X	-63.288	-51.841	46.567	48.683
269	COL65	X	0.071	-14.869	31.8	33.39
270	COL65	X	-14.869	-29.821	33.39	34.98
271	COL65	X	-29.821	-44.996	34.98	36.57
272	COL65	X	-44.996	-60.865	36.57	38.16
273	COL65	X	-60.865	-62.276	38.16	39.75
274	COL33	X	-86.732	-248.671	10.992	13.053
275	COL33	X	-248.671	-330.228	13.053	15.115
276	COL33	X	-330.228	-343.236	15.115	17.176
277	COL33	X	-343.236	-366.49	17.176	19.237
278	COL33	X	-366.49	-358.987	19.237	21.298
279	COL33	X	-358.987	-343.19	21.298	23.359
280	COL33	X	-343.19	-335.708	23.359	25.42
281	COL33	X	-335.708	-315.665	25.42	27.481
282	COL47	X	-257.865	-259.211	11.41	13.549
283	COL47	X	-259.211	-261.049	13.549	15.688
284	COL47	X	-261.049	-264.578	15.688	17.828
285	COL47	X	-264.578	-270.976	17.828	19.967
286	COL47	X	-270.976	-266.583	19.967	22.106
287	COL47	X	-266.583	-256.965	22.106	24.246
288	COL47	X	-256.965	-258.095	24.246	26.385
289	COL47	X	-258.095	-262.738	26.385	28.524
290	EDGE29	X	-13.017	-13.017	0.513	1.513
291	EDGE31	X	-23.464	-23.464	0	0.559
292	X_RIGID1	X	-93.047	-93.036	0	2.144
293	X_RIGID1	X	-93.036	-113.288	2.144	4.289
294	X_RIGID1	X	-113.288	-116.614	4.289	6.433
295	X_RIGID1	X	-116.614	-94.022	6.433	8.578
296	X_RIGID1	X	-94.022	-97.686	8.578	10.722
297	X_RIGID1	X	-97.686	-102.267	10.722	12.867
298	X_RIGID1	X	-102.267	-97.791	12.867	15.011
299	X_RIGID1	X	-97.791	-98.324	15.011	17.156
300	COL29	X	-13.592	-39.345	4.681	6.762
301	COL29	X	-39.345	-52.221	6.762	8.842
302	COL29	X	-52.221	-52.221	8.842	10.923
303	COL29	X	-52.221	-52.221	10.923	13.003
304	COL29	X	-52.221	-52.221	13.003	15.084
305	COL29	X	-52.221	-65.097	15.084	17.164
306	COL29	X	-65.097	-65.097	17.164	19.245
307	COL29	X	-65.097	-52.221	19.245	21.325
308	COL29	X	-52.221	-52.221	21.325	23.406
309	COL49	X	-51.841	-51.841	48.683	50.8
310	COL49	X	-51.841	-51.841	50.8	52.917
311	COL49	X	-51.841	-61.416	52.917	55.033
312	COL49	X	-61.416	-64.624	55.033	57.15
313	COL49	X	-64.624	-55.049	57.15	59.267
314	COL49	X	-55.049	-51.841	59.267	61.383
315	COL49	X	-51.841	-51.841	61.383	63.5
316	SCREEN11	X	-57.15	-57.15	2.776e-16	3.5
317	SCREEN24	X	-57.15	-57.15	2.22e-16	3.5
318	COL65	X	-172.879	-172.879	12.667	17.5
319	PARAPET1	X	-285.75	-285.75	0	4.833

Member Distributed Loads (BLC 58 : BLC 24 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
320	PARAPET2	X	-571.5	-571.5	0	4.833
321	PARAPET5	X	-458.629	-458.629	6.661e-16	4.833

Member Distributed Loads (BLC 59 : BLC 25 Transient Area Loads)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	COL47	X	117.107	115.181	20.375	22.412
2	COL47	X	115.181	115.551	22.412	24.449
3	COL47	X	115.551	117.237	24.449	26.487
4	COL47	X	117.237	118.486	26.487	28.524
5	COL54	X	77.907	77.599	13.6	15.64
6	COL54	X	77.599	77.254	15.64	17.68
7	COL54	X	77.254	77.125	17.68	19.72
8	COL54	X	77.125	87.291	19.72	21.76
9	COL54	X	87.291	107.806	21.76	23.8
10	COL54	X	107.806	117.422	23.8	25.84
11	COL54	X	117.422	115.344	25.84	27.88
12	COL54	X	115.344	116.469	27.88	29.92
13	COL54	X	116.469	117.95	29.92	31.96
14	COL54	X	117.95	116.096	31.96	34
15	COL55	X	72.605	72.236	13.6	15.64
16	COL55	X	72.236	71.806	15.64	17.68
17	COL55	X	71.806	71.536	17.68	19.72
18	COL55	X	71.536	92.209	19.72	21.76
19	COL55	X	92.209	128.529	21.76	23.8
20	COL55	X	128.529	144.837	23.8	25.84
21	COL55	X	144.837	147.822	25.84	27.88
22	COL55	X	147.822	148.36	27.88	29.92
23	COL55	X	148.36	145.145	29.92	31.96
24	COL55	X	145.145	142.241	31.96	34
25	COL56	X	-33.135	-33.199	13.6	15.64
26	COL56	X	-33.199	-33.29	15.64	17.68
27	COL56	X	-33.29	-33.514	17.68	19.72
28	COL56	X	-33.514	-23.241	19.72	21.76
29	COL56	X	-23.241	-7.738	21.76	23.8
30	COL56	X	-7.738	-1.336	23.8	25.84
31	COL56	X	-1.336	3.538	25.84	27.88
32	COL56	X	3.538	3.076	27.88	29.92
33	COL56	X	3.076	-0.959	29.92	31.96
34	COL56	X	-0.959	-1.032	31.96	34
35	COL69	X	58.616	65.974	13.65	15.47
36	COL69	X	65.974	76.749	15.47	17.29
37	COL69	X	76.749	78.097	17.29	19.11
38	COL69	X	78.097	71.931	19.11	20.93
39	COL69	X	71.931	71.094	20.93	22.75
40	COL70	X	58.616	65.974	13.65	15.47
41	COL70	X	65.974	76.749	15.47	17.29
42	COL70	X	76.749	78.097	17.29	19.11
43	COL70	X	78.097	71.931	19.11	20.93
44	COL70	X	71.931	71.094	20.93	22.75
45	EDGE29	X	5.55	5.55	0.714	1.714
46	EDGE31	X	10.316	10.316	0	0.55
47	X_RIGID1	X	40.764	40.99	0	2.144
48	X_RIGID1	X	40.99	45.014	2.144	4.289
49	X_RIGID1	X	45.014	46.507	4.289	6.433
50	X_RIGID1	X	46.507	42.926	6.433	8.578
51	X_RIGID1	X	42.926	44.568	8.578	10.722
52	X_RIGID1	X	44.568	45.488	10.722	12.867
53	X_RIGID1	X	45.488	43.593	12.867	15.011
54	X_RIGID1	X	43.593	43.571	15.011	17.156
55	X_RIGID2	X	66.941	39.929	0	1.774
56	X_RIGID2	X	39.929	39.8	1.774	3.548
57	X_RIGID2	X	39.8	51.235	3.548	5.321
58	X_RIGID2	X	51.235	40.827	5.321	7.095
59	X_RIGID2	X	40.827	23.893	7.095	8.869
60	X_RIGID3	X	43.342	47.616	0	2.114
61	X_RIGID3	X	47.616	49.414	2.114	4.227
62	X_RIGID3	X	49.414	45.161	4.227	6.341
63	X_RIGID3	X	45.161	41.25	6.341	8.455

Member Distributed Loads (BLC 59 : BLC 25 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
64	X RIGID3	X	41.25	41.278	8.455	10.568
65	X RIGID3	X	41.278	41.329	10.568	12.682
66	X RIGID3	X	41.329	43.96	12.682	14.795
67	X RIGID3	X	43.96	51.675	14.795	16.909
68	X RIGID3	X	51.675	49.054	16.909	19.023
69	X RIGID3	X	49.054	41.366	19.023	21.136
70	X RIGID3	X	41.366	41.455	21.136	23.25
71	COL20	X	-68.744	-68.744	13.886	33.979
72	COL23	X	-144.984	-144.984	13.6	15.64
73	COL23	X	-144.984	-144.984	15.64	17.68
74	COL23	X	-144.984	-144.984	17.68	19.72
75	COL23	X	-144.984	-144.984	19.72	21.76
76	COL23	X	-144.984	-144.984	21.76	23.8
77	COL23	X	-144.984	-144.984	23.8	25.84
78	COL23	X	-144.984	-144.984	25.84	27.88
79	COL23	X	-144.984	-144.938	27.88	29.92
80	COL23	X	-144.938	-144.724	29.92	31.96
81	COL23	X	-144.724	-144.388	31.96	34
82	COL36	X	-141.431	-141.458	0	2.029
83	COL36	X	-141.458	-141.339	2.029	4.058
84	COL36	X	-141.339	-140.967	4.058	6.088
85	COL36	X	-140.967	-140.442	6.088	8.117
86	COL36	X	-140.442	-141.313	8.117	10.146
87	COL36	X	-141.313	-143.612	10.146	12.175
88	COL36	X	-143.612	-144.471	12.175	14.205
89	COL36	X	-144.471	-143.951	14.205	16.234
90	COL36	X	-143.951	-143.508	16.234	18.263
91	COL36	X	-143.508	-143.096	18.263	20.292
92	COL36	X	-143.096	-142.698	20.292	22.321
93	COL36	X	-142.698	-142.315	22.321	24.351
94	COL48	X	-139.036	-138.829	0	2.116
95	COL48	X	-138.829	-139.055	2.116	4.232
96	COL48	X	-139.055	-163.987	4.232	6.349
97	COL48	X	-163.987	-165.16	6.349	8.465
98	COL48	X	-165.16	-139.342	8.465	10.581
99	COL48	X	-139.342	-140.035	10.581	12.697
100	COL48	X	-140.035	-143.444	12.697	14.813
101	COL48	X	-143.444	-143.719	14.813	16.929
102	COL48	X	-143.719	-147.728	16.929	19.046
103	COL48	X	-147.728	-150.434	19.046	21.162
104	COL48	X	-150.434	-147.729	21.162	23.278
105	COL48	X	-147.729	-145.027	23.278	25.394
106	COL57	X	-140.258	-140.258	13.6	15.64
107	COL57	X	-140.258	-140.258	15.64	17.68
108	COL57	X	-140.258	-140.258	17.68	19.72
109	COL57	X	-140.258	-140.258	19.72	21.76
110	COL57	X	-140.258	-140.258	21.76	23.8
111	COL57	X	-140.258	-140.258	23.8	25.84
112	COL57	X	-140.258	-140.258	25.84	27.88
113	COL57	X	-140.258	-140.315	27.88	29.92
114	COL57	X	-140.315	-140.475	29.92	31.96
115	COL57	X	-140.475	-140.68	31.96	34
116	COL66	X	-64.4	-64.08	0	2.125
117	COL66	X	-64.08	-69.111	2.125	4.25
118	COL66	X	-69.111	-79.678	4.25	6.375
119	COL66	X	-79.678	-74.41	6.375	8.5
120	COL66	X	-74.41	-63.765	8.5	10.625
121	COL66	X	-63.765	-63.765	10.625	12.75
122	COL66	X	-63.765	-63.765	12.75	14.875
123	COL66	X	-63.765	-69.033	14.875	17
124	COL66	X	-69.033	-75.669	17	19.125
125	COL66	X	-75.669	-74.41	19.125	21.25
126	COL66	X	-74.41	-69.156	21.25	23.375
127	EDGE10	X	-7.503	-7.503	23.518	25.022
128	COL18	X	-73.5	-73.5	0	12.667
129	COL39	X	-68.723	-68.723	1.366e-14	12.667
130	COL51	X	-147	-147	1.288e-14	12.667
131	COL52	X	-96.041	-96.041	1.588e-14	12.667

Member Distributed Loads (BLC 59 : BLC 25 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
132	COL53	X	-46.182	-46.182	1.632e-14	12.667
133	COL60	X	-116.408	-116.408	1.865e-14	13.292
134	COL62	X	-240.908	-240.908	1.732e-14	13.292
135	COL63	X	-249	-249	0	13.292
136	COL64	X	-124.5	-124.5	1.554e-14	13.292
137	COL11	X	273	273	13.292	22.75
138	COL13	X	127.627	127.627	13.292	22.75
139	COL14	X	264.128	264.128	13.292	22.75
140	COL64	X	1.705e-13	1.705e-13	13.292	22.75
141	COL60	X	-127.628	-127.628	13.292	22.75
142	COL62	X	-264.127	-264.127	13.292	22.75
143	COL63	X	-273	-273	13.292	22.75
144	COL60	X	-138.847	-138.847	22.75	34
145	COL62	X	-287.348	-287.348	22.75	34
146	COL63	X	-297	-297	22.75	34
147	COL26	X	-304.762	-304.762	0	12
148	COL35	X	-315	-315	2.109e-15	12
149	COL37	X	-157.5	-157.5	1.332e-15	12
150	COL67	X	-147.263	-147.263	1.998e-14	12
151	COL26	X	-0.077	-159.945	9.74	11.827
152	COL26	X	-159.945	-319.199	11.827	13.915
153	COL26	X	-319.199	-317.717	13.915	16.002
154	COL26	X	-317.717	-318.639	16.002	18.089
155	COL26	X	-318.639	-322.058	18.089	20.176
156	COL26	X	-322.058	-322.618	20.176	22.263
157	COL26	X	-322.618	-320.474	22.263	24.351
158	COL35	X	-0.761	-217.914	10.158	12.334
159	COL35	X	-217.914	-373.129	12.334	14.511
160	COL35	X	-373.129	-308.55	14.511	16.688
161	COL35	X	-308.55	-323.906	16.688	18.864
162	COL35	X	-323.906	-348.001	18.864	21.041
163	COL35	X	-348.001	-343.448	21.041	23.217
164	COL35	X	-343.448	-322.148	23.217	25.394
165	COL67	X	-112.924	-145.116	11.688	14.025
166	COL67	X	-145.116	-161.553	14.025	16.363
167	COL67	X	-161.553	-148.116	16.363	18.7
168	COL67	X	-148.116	-161.553	18.7	21.037
169	COL67	X	-161.553	-215.983	21.037	23.375
170	EDGE46	X	-16.598	-16.598	23.466	25.022
171	PARAPET1	X	-190.5	-190.5	2.431e-14	4.833
172	PARAPET3	X	-368.618	-368.618	3.508e-14	4.833
173	PARAPET4	X	-178.118	-178.118	0	4.833
174	PARAPET6	X	-381	-381	0	4.833
175	SCREEN12	X	-38.1	-38.1	3.764e-14	15
176	SCREEN15	X	-38.1	-38.1	9.77e-15	15
177	SCREEN23	X	-38.1	-38.1	1.776e-14	25
178	SCREEN25	X	-38.1	-38.1	1.954e-14	25
179	COL65	X	115.252	115.252	12.667	17.5
180	PARAPET1	X	190.5	190.5	0	4.833
181	PARAPET2	X	381	381	0	4.833
182	PARAPET5	X	305.753	305.753	6.661e-16	4.833
183	SCREEN11	X	38.1	38.1	2.776e-16	3.5
184	SCREEN24	X	38.1	38.1	2.22e-16	3.5
185	COL13	X	37.883	109.785	44.45	46.567
186	COL13	X	109.785	145.724	46.567	48.683
187	COL13	X	145.724	145.707	48.683	50.8
188	COL13	X	145.707	145.586	50.8	52.917
189	COL13	X	145.586	177.612	52.917	55.033
190	COL13	X	177.612	180.034	55.033	57.15
191	COL13	X	180.034	147.742	57.15	59.267
192	COL13	X	147.742	145.505	59.267	61.383
193	COL13	X	145.505	146.176	61.383	63.5
194	COL30	X	307.111	308.661	11.41	13.549
195	COL30	X	308.661	310.766	13.549	15.688
196	COL30	X	310.766	314.605	15.688	17.828
197	COL30	X	314.605	326.965	17.828	19.967
198	COL30	X	326.965	327.311	19.967	22.106
199	COL30	X	327.311	314.749	22.106	24.246

Member Distributed Loads (BLC 59 : BLC 25 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
200	COL30	X	314.749	318.077	24.246	26.385
201	COL30	X	318.077	330.853	26.385	28.524
202	COL37	X	2.278	2.532	10.575	12.841
203	COL37	X	2.532	0.853	12.841	15.107
204	COL37	X	0.853	-7.109	15.107	17.373
205	COL37	X	-7.109	-16.835	17.373	19.639
206	COL37	X	-16.835	11.435	19.639	21.905
207	COL37	X	11.435	39.984	21.905	24.171
208	COL37	X	39.984	33.399	24.171	26.438
209	COL46	X	86.384	248.532	10.992	13.053
210	COL46	X	248.532	330.266	13.053	15.115
211	COL46	X	330.266	343.075	15.115	17.176
212	COL46	X	343.075	363.24	17.176	19.237
213	COL46	X	363.24	355.746	19.237	21.298
214	COL46	X	355.746	342.694	21.298	23.359
215	COL46	X	342.694	338.542	23.359	25.42
216	COL46	X	338.542	325.323	25.42	27.481
217	EDGE33	X	23.419	23.419	0	0.56
218	COL13	X	147.262	147.262	34	46
219	COL30	X	304.763	304.763	1.688e-14	12
220	COL37	X	157.5	157.5	1.776e-15	12
221	COL46	X	315	315	2.109e-15	12
222	COL11	X	297	297	22.75	34
223	COL13	X	138.848	138.848	22.75	34
224	COL14	X	287.347	287.347	22.75	34
225	COL64	X	5.684e-14	5.684e-14	22.75	34
226	COL11	X	249	249	3.553e-15	13.292
227	COL13	X	116.408	116.408	3.386e-15	13.292
228	COL14	X	240.908	240.908	1.554e-14	13.292
229	COL64	X	124.5	124.5	0	13.292
230	COL29	X	23.409	23.57	0	2.128
231	COL29	X	23.57	23.675	2.128	4.256
232	COL29	X	23.675	22.864	4.256	6.383
233	COL29	X	22.864	27.487	6.383	8.511
234	COL29	X	27.487	27.487	8.511	10.639
235	COL29	X	27.487	22.028	10.639	12.767
236	COL29	X	22.028	22.028	12.767	14.895
237	COL29	X	22.028	23.388	14.895	17.022
238	COL29	X	23.388	27.487	17.022	19.15
239	COL29	X	27.487	26.128	19.15	21.278
240	COL29	X	26.128	17.928	21.278	23.406
241	COL49	X	23.645	23.645	0	2.048
242	COL49	X	23.645	23.645	2.048	4.097
243	COL49	X	23.645	23.645	4.097	6.145
244	COL49	X	23.645	23.645	6.145	8.194
245	COL49	X	23.645	23.645	8.194	10.242
246	COL49	X	23.645	23.645	10.242	12.29
247	COL49	X	23.645	23.645	12.29	14.339
248	COL49	X	23.645	23.645	14.339	16.387
249	COL49	X	23.645	28.077	16.387	18.435
250	COL49	X	28.077	29.556	18.435	20.484
251	COL49	X	29.556	25.125	20.484	22.532
252	COL49	X	25.125	23.645	22.532	24.581
253	COL49	X	23.645	23.645	24.581	26.629
254	COL49	X	23.645	23.645	26.629	28.677
255	COL49	X	23.645	23.645	28.677	30.726
256	COL49	X	23.645	23.645	30.726	32.774
257	COL49	X	23.645	23.648	32.774	34.823
258	COL49	X	23.648	23.682	34.823	36.871
259	COL49	X	23.682	23.75	36.871	38.919
260	COL49	X	23.75	23.822	38.919	40.968
261	COL49	X	23.822	23.892	40.968	43.016
262	COL49	X	23.892	23.673	43.016	45.065
263	COL49	X	23.673	23.165	45.065	47.113
264	COL49	X	23.165	22.911	47.113	49.161
265	COL49	X	22.911	25.768	49.161	51.21
266	COL49	X	25.768	28.639	51.21	53.258
267	COL49	X	28.639	25.782	53.258	55.306

Member Distributed Loads (BLC 59 : BLC 25 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
268	COL49	X	25.782	22.911	55.306	57.355
269	COL49	X	22.911	22.911	57.355	59.403
270	COL49	X	22.911	22.911	59.403	61.452
271	COL49	X	22.911	22.911	61.452	63.5
272	COL65	X	23.076	23.076	0	2.092
273	COL65	X	23.076	23.076	2.092	4.184
274	COL65	X	23.076	23.076	4.184	6.276
275	COL65	X	23.076	28.846	6.276	8.368
276	COL65	X	28.846	28.846	8.368	10.461
277	COL65	X	28.846	23.076	10.461	12.553
278	COL65	X	23.076	23.076	12.553	14.645
279	COL65	X	23.076	23.076	14.645	16.737
280	COL65	X	23.076	23.076	16.737	18.829
281	COL65	X	23.076	23.076	18.829	20.921
282	COL65	X	23.076	23.076	20.921	23.013
283	COL65	X	23.076	23.076	23.013	25.105
284	COL65	X	23.076	23.076	25.105	27.197
285	COL65	X	23.076	27.402	27.197	29.289
286	COL65	X	27.402	28.846	29.289	31.382
287	COL65	X	28.846	24.52	31.382	33.474
288	COL65	X	24.52	23.103	33.474	35.566
289	COL65	X	23.103	23.21	35.566	37.658
290	COL65	X	23.21	23.372	37.658	39.75
291	COL16	X	73.5	73.5	2.22e-15	12.667
292	COL18	X	39.199	39.199	4.885e-15	12.667
293	COL50	X	78.768	78.768	1.665e-15	12.667
294	COL65	X	44.468	44.468	3.997e-15	12.667
295	COL71	X	73.5	73.5	2.776e-15	12.667
296	M682	X	73.5	73.5	6.106e-15	12.667
297	COL31	X	-1.128	0.493	0	2.034
298	COL31	X	0.493	2.52	2.034	4.067
299	COL31	X	2.52	0.768	4.067	6.101
300	COL31	X	0.768	-5.196	6.101	8.135
301	COL31	X	-5.196	-5.816	8.135	10.168
302	COL31	X	-5.816	-0.731	10.168	12.202
303	COL31	X	-0.731	2.495	12.202	14.236
304	COL31	X	2.495	3.866	14.236	16.269
305	COL31	X	3.866	4.569	16.269	18.303
306	COL31	X	4.569	4.451	18.303	20.337
307	COL31	X	4.451	4.745	20.337	22.37
308	COL31	X	4.745	6.658	22.37	24.404
309	COL31	X	6.658	9.96	24.404	26.438
310	COL33	X	137.83	136.958	0	2.114
311	COL33	X	136.958	135.945	2.114	4.228
312	COL33	X	135.945	160.92	4.228	6.342
313	COL33	X	160.92	171.495	6.342	8.456
314	COL33	X	171.495	146.216	8.456	10.57
315	COL33	X	146.216	135.291	10.57	12.684
316	COL33	X	135.291	134.055	12.684	14.797
317	COL33	X	134.055	135.675	14.797	16.911
318	COL33	X	135.675	154.83	16.911	19.025
319	COL33	X	154.83	160.481	19.025	21.139
320	COL33	X	160.481	146.719	21.139	23.253
321	COL33	X	146.719	142.929	23.253	25.367
322	COL33	X	142.929	140.329	25.367	27.481
323	COL47	X	117.061	117.193	0	2.037
324	COL47	X	117.193	117.371	2.037	4.075
325	COL47	X	117.371	117.653	4.075	6.112
326	COL47	X	117.653	117.995	6.112	8.15
327	COL47	X	117.995	118.409	8.15	10.187
328	COL47	X	118.409	118.984	10.187	12.225
329	COL47	X	118.984	119.705	12.225	14.262
330	COL47	X	119.705	119.389	14.262	16.3
331	COL47	X	119.389	118.515	16.3	18.337
332	COL47	X	118.515	117.107	18.337	20.375

Member Distributed Loads (BLC 60 : BLC 26 Transient Area Loads)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	COL13	Z	79.665	79.665	46	63.5
2	COL68	Z	226.283	226.283	2.749e-13	17.5
3	TRUSS16	Z	339	339	0	17.5
4	TRUSS17	Z	84.75	84.75	9.459e-14	17.5
5	TRUSS20	Z	316.118	316.118	1.592e-13	17.5
6	TRUSS21	Z	254.25	254.25	0	17.5
7	TRUSS25	Z	169.5	169.5	1.554e-14	17.5
8	TRUSS31	Z	339	339	0	17.5
9	COL10	Z	74.025	74.025	34	46
10	COL13	Z	74.025	74.025	34	46
11	COL10	Z	69.795	69.795	22.75	34
12	COL13	Z	69.795	69.795	22.75	34
13	COL10	Z	64.155	64.155	13.292	22.75
14	COL13	Z	64.155	64.155	13.292	22.75
15	COL10	Z	58.515	58.515	2.709e-14	13.292
16	COL13	Z	58.515	58.515	1.26e-14	13.292
17	COL12	Z	194.94	193.687	0	2.125
18	COL12	Z	193.687	240.891	2.125	4.25
19	COL12	Z	240.891	240.597	4.25	6.375
20	COL12	Z	240.597	192.472	6.375	8.5
21	COL12	Z	192.472	192.472	8.5	10.625
22	COL12	Z	192.472	192.472	10.625	12.75
23	COL12	Z	192.472	192.472	12.75	14.875
24	COL12	Z	192.472	240.597	14.875	17
25	COL12	Z	240.597	240.597	17	19.125
26	COL12	Z	240.597	192.472	19.125	21.25
27	COL12	Z	192.472	192.472	21.25	23.375
28	COL17	Z	195.843	195.843	0	2
29	COL17	Z	195.843	195.843	2	4
30	COL17	Z	195.843	195.843	4	6
31	COL17	Z	195.843	195.843	6	8
32	COL17	Z	195.843	195.843	8	10
33	COL17	Z	195.843	195.843	10	12
34	COL17	Z	195.843	195.843	12	14
35	COL17	Z	195.843	195.843	14	16
36	COL17	Z	195.843	195.843	16	18
37	COL17	Z	195.843	195.843	18	20
38	COL17	Z	195.843	195.843	20	22
39	COL17	Z	195.843	195.843	22	24
40	COL17	Z	195.843	195.843	24	26
41	COL17	Z	195.843	195.843	26	28
42	COL17	Z	195.843	195.545	28	30
43	COL17	Z	195.545	194.64	30	32
44	COL17	Z	194.64	193.428	32	34
45	COL19	Z	210.018	210.018	0	2
46	COL19	Z	210.018	210.018	2	4
47	COL19	Z	210.018	210.018	4	6
48	COL19	Z	210.018	210.018	6	8
49	COL19	Z	210.018	210.018	8	10
50	COL19	Z	210.018	210.018	10	12
51	COL19	Z	210.018	210.018	12	14
52	COL19	Z	210.018	210.018	14	16
53	COL19	Z	210.018	210.018	16	18
54	COL19	Z	210.018	210.018	18	20
55	COL19	Z	210.018	210.018	20	22
56	COL19	Z	210.018	210.018	22	24
57	COL19	Z	210.018	210.018	24	26
58	COL19	Z	210.018	210.018	26	28
59	COL19	Z	210.018	209.679	28	30
60	COL19	Z	209.679	208.726	30	32
61	COL19	Z	208.726	207.5	32	34
62	COL21	Z	210.018	210.018	0	2
63	COL21	Z	210.018	210.018	2	4
64	COL21	Z	210.018	210.018	4	6
65	COL21	Z	210.018	210.018	6	8
66	COL21	Z	210.018	210.018	8	10
67	COL21	Z	210.018	210.018	10	12
68	COL21	Z	210.018	210.018	12	14

Member Distributed Loads (BLC 60 : BLC 26 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
69	COL21	Z	210.018	210.018	14	16
70	COL21	Z	210.018	210.018	16	18
71	COL21	Z	210.018	210.018	18	20
72	COL21	Z	210.018	210.018	20	22
73	COL21	Z	210.018	210.018	22	24
74	COL21	Z	210.018	210.018	24	26
75	COL21	Z	210.018	210.018	26	28
76	COL21	Z	210.018	209.674	28	30
77	COL21	Z	209.674	208.725	30	32
78	COL21	Z	208.725	207.513	32	34
79	COL25	Z	210.013	210.013	0.006	33.979
80	COL27	Z	130.026	129.253	0	2.125
81	COL27	Z	129.253	160.795	2.125	4.25
82	COL27	Z	160.795	160.6	4.25	6.375
83	COL27	Z	160.6	128.476	6.375	8.5
84	COL27	Z	128.476	128.476	8.5	10.625
85	COL27	Z	128.476	128.476	10.625	12.75
86	COL27	Z	128.476	128.476	12.75	14.875
87	COL27	Z	128.476	160.6	14.875	17
88	COL27	Z	160.6	160.6	17	19.125
89	COL27	Z	160.6	128.476	19.125	21.25
90	COL27	Z	128.476	128.476	21.25	23.375
91	COL32	Z	0.027	0.001	0	2.125
92	COL32	Z	0.001	-0.006	2.125	4.25
93	COL32	Z	-0.006	-0.0005771	4.25	6.375
94	COL32	Z	-0.0005771	-0.0005771	6.375	8.5
95	COL32	Z	-0.0005771	-0.0005771	8.5	10.625
96	COL32	Z	-0.0005771	-0.0005771	10.625	12.75
97	COL32	Z	-0.0005771	-0.0005771	12.75	14.875
98	COL32	Z	-0.0005771	-0.0005771	14.875	17
99	COL32	Z	-0.0005771	-0.0005771	17	19.125
100	COL32	Z	-0.0005771	-0.0005771	19.125	21.25
101	COL32	Z	-0.0005771	-0.0005771	21.25	23.375
102	COL43	Z	194.961	193.688	0	2.125
103	COL43	Z	193.688	240.886	2.125	4.25
104	COL43	Z	240.886	240.596	4.25	6.375
105	COL43	Z	240.596	192.471	6.375	8.5
106	COL43	Z	192.471	192.471	8.5	10.625
107	COL43	Z	192.471	192.471	10.625	12.75
108	COL43	Z	192.471	192.471	12.75	14.875
109	COL43	Z	192.471	240.596	14.875	17
110	COL43	Z	240.596	240.596	17	19.125
111	COL43	Z	240.596	192.471	19.125	21.25
112	COL43	Z	192.471	192.471	21.25	23.375
113	COL44	Z	194.943	193.69	0	2.125
114	COL44	Z	193.69	240.892	2.125	4.25
115	COL44	Z	240.892	240.597	4.25	6.375
116	COL44	Z	240.597	192.472	6.375	8.5
117	COL44	Z	192.472	192.472	8.5	10.625
118	COL44	Z	192.472	192.472	10.625	12.75
119	COL44	Z	192.472	192.472	12.75	14.875
120	COL44	Z	192.472	240.597	14.875	17
121	COL44	Z	240.597	240.597	17	19.125
122	COL44	Z	240.597	192.472	19.125	21.25
123	COL44	Z	192.472	192.472	21.25	23.375
124	COL45	Z	181.779	180.611	0	2.125
125	COL45	Z	180.611	224.63	2.125	4.25
126	COL45	Z	224.63	224.356	4.25	6.375
127	COL45	Z	224.356	179.48	6.375	8.5
128	COL45	Z	179.48	179.48	8.5	10.625
129	COL45	Z	179.48	179.48	10.625	12.75
130	COL45	Z	179.48	179.48	12.75	14.875
131	COL45	Z	179.48	224.356	14.875	17
132	COL45	Z	224.356	224.356	17	19.125
133	COL45	Z	224.356	179.48	19.125	21.25
134	COL45	Z	179.48	179.48	21.25	23.375
135	COL59	Z	-0.0004126	-0.0004126	0	2
136	COL59	Z	-0.0004126	-0.0004126	2	4

Member Distributed Loads (BLC 60 : BLC 26 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
137	COL59	Z	-0.0004126	-0.0004126	4	6
138	COL59	Z	-0.0004126	-0.0004126	6	8
139	COL59	Z	-0.0004126	-0.0004126	8	10
140	COL59	Z	-0.0004126	-0.0004126	10	12
141	COL59	Z	-0.0004126	-0.0004126	12	14
142	COL59	Z	-0.0004126	-0.0004126	14	16
143	COL59	Z	-0.0004126	-0.0004126	16	18
144	COL59	Z	-0.0004126	-0.0004126	18	20
145	COL59	Z	-0.0004126	-0.0004126	20	22
146	COL59	Z	-0.0004126	-0.0004126	22	24
147	COL59	Z	-0.0004126	-0.0004126	24	26
148	COL59	Z	-0.0004126	-0.0004126	26	28
149	COL59	Z	-0.0004126	-0.008	28	30
150	COL59	Z	-0.008	-0.003	30	32
151	COL59	Z	-0.003	0.026	32	34
152	COL60	Z	49.354	49.354	0	2
153	COL60	Z	49.354	49.354	2	4
154	COL60	Z	49.354	49.354	4	6
155	COL60	Z	49.354	49.354	6	8
156	COL60	Z	49.354	49.354	8	10
157	COL60	Z	49.354	49.354	10	12
158	COL60	Z	49.354	49.354	12	14
159	COL60	Z	49.354	49.354	14	16
160	COL60	Z	49.354	49.354	16	18
161	COL60	Z	49.354	49.354	18	20
162	COL60	Z	49.354	49.354	20	22
163	COL60	Z	49.354	49.354	22	24
164	COL60	Z	49.354	49.354	24	26
165	COL60	Z	49.354	49.354	26	28
166	COL60	Z	49.354	49.291	28	30
167	COL60	Z	49.291	49.083	30	32
168	COL60	Z	49.083	48.793	32	34
169	COL61	Z	140.164	140.164	0.003	33.982
170	COL67	Z	45.757	45.487	0	2.125
171	COL67	Z	45.487	56.601	2.125	4.25
172	COL67	Z	56.601	56.541	4.25	6.375
173	COL67	Z	56.541	45.231	6.375	8.5
174	COL67	Z	45.231	45.231	8.5	10.625
175	COL67	Z	45.231	45.231	10.625	12.75
176	COL67	Z	45.231	45.231	12.75	14.875
177	COL67	Z	45.231	56.541	14.875	17
178	COL67	Z	56.541	56.541	17	19.125
179	COL67	Z	56.541	45.231	19.125	21.25
180	COL67	Z	45.231	45.231	21.25	23.375
181	COL22	Z	-1.219	-27.209	10.2	12.364
182	COL22	Z	-27.209	-96.601	12.364	14.527
183	COL22	Z	-96.601	-125.515	14.527	16.691
184	COL22	Z	-125.515	-111.236	16.691	18.855
185	COL22	Z	-111.236	-128.25	18.855	21.018
186	COL22	Z	-128.25	-129.639	21.018	23.182
187	COL22	Z	-129.639	-111.82	23.182	25.345
188	COL22	Z	-111.82	-109.459	25.345	27.509
189	COL22	Z	-109.459	-136.987	27.509	29.673
190	COL22	Z	-136.987	-137.647	29.673	31.836
191	COL22	Z	-137.647	-83.998	31.836	34
192	COL29	Z	-105.504	-105.978	0	2.128
193	COL29	Z	-105.978	-106.221	2.128	4.256
194	COL29	Z	-106.221	-103.444	4.256	6.383
195	COL29	Z	-103.444	-125.822	6.383	8.511
196	COL29	Z	-125.822	-125.822	8.511	10.639
197	COL29	Z	-125.822	-100.66	10.639	12.767
198	COL29	Z	-100.66	-100.66	12.767	14.895
199	COL29	Z	-100.66	-125.822	14.895	17.022
200	COL29	Z	-125.822	-125.822	17.022	19.15
201	COL29	Z	-125.822	-100.66	19.15	21.278
202	COL29	Z	-100.66	-100.66	21.278	23.406
203	COL38	Z	-114.873	-115.632	0	2.083
204	COL38	Z	-115.632	-116.204	2.083	4.165

Member Distributed Loads (BLC 60 : BLC 26 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
205	COL38	Z	-116.204	-116.542	4.165	6.248
206	COL38	Z	-116.542	-116.714	6.248	8.33
207	COL38	Z	-116.714	-144.723	8.33	10.413
208	COL38	Z	-144.723	-142.342	10.413	12.495
209	COL38	Z	-142.342	-111.979	12.495	14.578
210	COL38	Z	-111.979	-111.979	14.578	16.66
211	COL38	Z	-111.979	-111.979	16.66	18.743
212	COL38	Z	-111.979	-111.979	18.743	20.825
213	COL38	Z	-111.979	-139.971	20.825	22.908
214	COL38	Z	-139.971	-139.971	22.908	24.991
215	COL38	Z	-139.971	-111.979	24.991	27.073
216	COL38	Z	-111.979	-111.979	27.073	29.156
217	COL65	Z	-8.065	-81.126	11.925	14.065
218	COL65	Z	-81.126	-127.096	14.065	16.206
219	COL65	Z	-127.096	-119.363	16.206	18.346
220	COL65	Z	-119.363	-102.244	18.346	20.487
221	COL65	Z	-102.244	-104.288	20.487	22.627
222	COL65	Z	-104.288	-127.729	22.627	24.767
223	COL65	Z	-127.729	-126.356	24.767	26.908
224	COL65	Z	-126.356	-103.836	26.908	29.048
225	COL65	Z	-103.836	-104.392	29.048	31.188
226	COL65	Z	-104.392	-110.654	31.188	33.329
227	COL65	Z	-110.654	-130.958	33.329	35.469
228	COL65	Z	-130.958	-125.708	35.469	37.61
229	COL65	Z	-125.708	-86.627	37.61	39.75
230	EDGE34	Z	-8.267	-8.267	22.643	26.541
231	X_RIGID1	Z	-9.975	-9.975	1.926e-14	17.156
232	X_RIGID2	Z	-10.003	-10.003	0	8.869
233	X_RIGID3	Z	-9.978	-9.978	4.996e-16	23.242
234	COL15	Z	-210.018	-210.018	0	2
235	COL15	Z	-210.018	-210.018	2	4
236	COL15	Z	-210.018	-210.018	4	6
237	COL15	Z	-210.018	-210.018	6	8
238	COL15	Z	-210.018	-210.018	8	10
239	COL15	Z	-210.018	-210.018	10	12
240	COL15	Z	-210.018	-210.018	12	14
241	COL15	Z	-210.018	-210.018	14	16
242	COL15	Z	-210.018	-210.018	16	18
243	COL15	Z	-210.018	-210.018	18	20
244	COL15	Z	-210.018	-210.018	20	22
245	COL15	Z	-210.018	-210.018	22	24
246	COL15	Z	-210.018	-210.018	24	26
247	COL15	Z	-210.018	-210.018	26	28
248	COL15	Z	-210.018	-209.683	28	30
249	COL15	Z	-209.683	-208.725	30	32
250	COL15	Z	-208.725	-207.481	32	34
251	COL20	Z	-101.86	-101.86	0	2
252	COL20	Z	-101.86	-101.86	2	4
253	COL20	Z	-101.86	-101.86	4	6
254	COL20	Z	-101.86	-101.86	6	8
255	COL20	Z	-101.86	-101.86	8	10
256	COL20	Z	-101.86	-101.86	10	12
257	COL20	Z	-101.86	-101.86	12	14
258	COL20	Z	-101.86	-101.86	14	16
259	COL20	Z	-101.86	-101.86	16	18
260	COL20	Z	-101.86	-101.86	18	20
261	COL20	Z	-101.86	-101.86	20	22
262	COL20	Z	-101.86	-101.86	22	24
263	COL20	Z	-101.86	-101.86	24	26
264	COL20	Z	-101.86	-101.86	26	28
265	COL20	Z	-101.86	-101.714	28	30
266	COL20	Z	-101.714	-101.229	30	32
267	COL20	Z	-101.229	-100.552	32	34
268	COL24	Z	-206.868	-206.868	0	2
269	COL24	Z	-206.868	-206.868	2	4
270	COL24	Z	-206.868	-206.868	4	6
271	COL24	Z	-206.868	-206.868	6	8
272	COL24	Z	-206.868	-206.868	8	10

Member Distributed Loads (BLC 60 : BLC 26 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
273	COL24	Z	-206.868	-206.868	10	12
274	COL24	Z	-206.868	-206.868	12	14
275	COL24	Z	-206.868	-206.868	14	16
276	COL24	Z	-206.868	-206.868	16	18
277	COL24	Z	-206.868	-206.868	18	20
278	COL24	Z	-206.868	-206.868	20	22
279	COL24	Z	-206.868	-206.868	22	24
280	COL24	Z	-206.868	-206.868	24	26
281	COL24	Z	-206.868	-206.868	26	28
282	COL24	Z	-206.868	-206.539	28	30
283	COL24	Z	-206.539	-205.594	30	32
284	COL24	Z	-205.594	-204.36	32	34
285	COL28	Z	-192.021	-190.784	0	2.125
286	COL28	Z	-190.784	-237.278	2.125	4.25
287	COL28	Z	-237.278	-236.988	4.25	6.375
288	COL28	Z	-236.988	-189.584	6.375	8.5
289	COL28	Z	-189.584	-189.584	8.5	10.625
290	COL28	Z	-189.584	-189.584	10.625	12.75
291	COL28	Z	-189.584	-189.584	12.75	14.875
292	COL28	Z	-189.584	-236.988	14.875	17
293	COL28	Z	-236.988	-236.988	17	19.125
294	COL28	Z	-236.988	-189.584	19.125	21.25
295	COL28	Z	-189.584	-189.584	21.25	23.375
296	COL41	Z	-194.943	-193.69	0	2.125
297	COL41	Z	-193.69	-240.892	2.125	4.25
298	COL41	Z	-240.892	-240.597	4.25	6.375
299	COL41	Z	-240.597	-192.472	6.375	8.5
300	COL41	Z	-192.472	-192.472	8.5	10.625
301	COL41	Z	-192.472	-192.472	10.625	12.75
302	COL41	Z	-192.472	-192.472	12.75	14.875
303	COL41	Z	-192.472	-240.597	14.875	17
304	COL41	Z	-240.597	-240.597	17	19.125
305	COL41	Z	-240.597	-192.472	19.125	21.25
306	COL41	Z	-192.472	-192.472	21.25	23.375
307	COL42	Z	-194.922	-193.689	0	2.125
308	COL42	Z	-193.689	-240.898	2.125	4.25
309	COL42	Z	-240.898	-240.597	4.25	6.375
310	COL42	Z	-240.597	-192.472	6.375	8.5
311	COL42	Z	-192.472	-192.472	8.5	10.625
312	COL42	Z	-192.472	-192.472	10.625	12.75
313	COL42	Z	-192.472	-192.472	12.75	14.875
314	COL42	Z	-192.472	-240.597	14.875	17
315	COL42	Z	-240.597	-240.597	17	19.125
316	COL42	Z	-240.597	-192.472	19.125	21.25
317	COL42	Z	-192.472	-192.472	21.25	23.375
318	COL58	Z	-210.018	-210.018	0	2
319	COL58	Z	-210.018	-210.018	2	4
320	COL58	Z	-210.018	-210.018	4	6
321	COL58	Z	-210.018	-210.018	6	8
322	COL58	Z	-210.018	-210.018	8	10
323	COL58	Z	-210.018	-210.018	10	12
324	COL58	Z	-210.018	-210.018	12	14
325	COL58	Z	-210.018	-210.018	14	16
326	COL58	Z	-210.018	-210.018	16	18
327	COL58	Z	-210.018	-210.018	18	20
328	COL58	Z	-210.018	-210.018	20	22
329	COL58	Z	-210.018	-210.018	22	24
330	COL58	Z	-210.018	-210.018	24	26
331	COL58	Z	-210.018	-210.018	26	28
332	COL58	Z	-210.018	-209.678	28	30
333	COL58	Z	-209.678	-208.724	30	32
334	COL58	Z	-208.724	-207.494	32	34
335	COL66	Z	-101.958	-101.958	0	23.375
336	COL20	Z	-112.091	-111.981	0	2.125
337	COL20	Z	-111.981	-132.073	2.125	4.25
338	COL20	Z	-132.073	-139.274	4.25	6.375
339	COL20	Z	-139.274	-118.788	6.375	8.5
340	COL20	Z	-118.788	-111.303	8.5	10.625

Member Distributed Loads (BLC 60 : BLC 26 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
341	COL20	Z	-111.303	-78.102	10.625	12.75
342	COL20	Z	-78.102	-22.422	12.75	14.875
343	COL20	Z	-22.422	0.003	14.875	17
344	COL53	Z	-120.841	-121.086	0	2.111
345	COL53	Z	-121.086	-123.284	2.111	4.222
346	COL53	Z	-123.284	-126.396	4.222	6.333
347	COL53	Z	-126.396	-123.105	6.333	8.445
348	COL53	Z	-123.105	-122.347	8.445	10.556
349	COL53	Z	-122.347	-129.488	10.556	12.667
350	EDGE18	Z	-7.867	-7.907	0	2.915
351	EDGE18	Z	-7.907	-3.965	2.915	5.83
352	EDGE18	Z	-3.965	-0.003	5.83	8.745
353	COL34	Z	-84.204	-138.748	0	2.3
354	COL34	Z	-138.748	-138.531	2.3	4.6
355	COL34	Z	-138.531	-137.117	4.6	6.9
356	COL34	Z	-137.117	-136.255	6.9	9.2
357	COL34	Z	-136.255	-109.971	9.2	11.5
358	COL34	Z	-109.971	-111.28	11.5	13.8
359	COL49	Z	-129.471	-129.865	0	2.117
360	COL49	Z	-129.865	-132.818	2.117	4.233
361	COL49	Z	-132.818	-135.852	4.233	6.35
362	COL49	Z	-135.852	-138.177	6.35	8.467
363	COL49	Z	-138.177	-139.172	8.467	10.583
364	COL49	Z	-139.172	-137.563	10.583	12.7
365	COL49	Z	-137.563	-137.005	12.7	14.817
366	COL49	Z	-137.005	-142.204	14.817	16.933
367	COL49	Z	-142.204	-163.254	16.933	19.05
368	COL34	Z	-6.034e-14	-6.034e-14	9.2	11.244
369	COL34	Z	-6.034e-14	-68.684	11.244	13.289
370	COL34	Z	-68.684	-137.368	13.289	15.333
371	COL34	Z	-137.368	-137.368	15.333	17.378
372	COL34	Z	-137.368	-155.721	17.378	19.422
373	COL34	Z	-155.721	-137.368	19.422	21.467
374	COL34	Z	-137.368	-50.331	21.467	23.511
375	COL34	Z	-50.331	-6.034e-14	23.511	25.556
376	COL34	Z	-6.034e-14	-6.034e-14	25.556	27.6
377	COL49	Z	-163.243	-167.863	19.05	21.167
378	COL49	Z	-167.863	-150.452	21.167	23.283
379	COL49	Z	-150.452	-144.272	23.283	25.4
380	COL34	Z	-1.207e-13	-1.207e-13	18.4	20.444
381	COL34	Z	-1.207e-13	-73.47	20.444	22.489
382	COL34	Z	-73.47	-146.94	22.489	24.533
383	COL34	Z	-146.94	-146.94	24.533	26.578
384	COL34	Z	-146.94	-146.94	26.578	28.622
385	COL34	Z	-146.94	-172.307	28.622	30.667
386	COL34	Z	-172.307	-146.94	30.667	32.711
387	COL34	Z	-146.94	-48.103	32.711	34.756
388	COL34	Z	-162.515	-150.762	34.756	36.8
389	COL49	Z	-144.272	-144.272	25.4	27.517
390	COL49	Z	-144.272	-144.272	27.517	29.633
391	COL49	Z	-144.272	-174.753	29.633	31.75
392	COL49	Z	-174.753	-185.956	31.75	33.867
393	COL49	Z	-185.956	-161.091	33.867	35.983
394	COL49	Z	-161.091	-155.504	35.983	38.1
395	COL34	Z	-41.713	-114.412	32.2	34.5
396	COL34	Z	-150.762	-159.1	36.8	39.1
397	COL34	Z	-159.1	-187.112	39.1	41.4
398	COL34	Z	-187.112	-178.774	41.4	43.7
399	COL34	Z	-178.774	-122.75	43.7	46
400	COL49	Z	-155.504	-155.504	38.1	40.217
401	COL49	Z	-155.504	-155.504	40.217	42.333
402	COL49	Z	-155.504	-155.504	42.333	44.45
403	COL49	Z	-155.504	-77.752	44.45	46.567
404	COL49	Z	-77.752	-5.828e-14	46.567	48.683
405	COL49	Z	-5.828e-14	-5.828e-14	48.683	50.8
406	COL40	Z	-361.883	-361.883	1.305e-14	17.5
407	COL49	Z	-181.365	-181.365	46	63.5
408	TRUSS11	Z	-339	-339	0	17.5

Member Distributed Loads (BLC 60 : BLC 26 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
409	TRUSS12	Z	-339	-339	0	17.5
410	TRUSS17	Z	-169.5	-169.5	6.828e-15	17.5
411	TRUSS36	Z	-350.018	-350.018	4.513e-14	17.5
412	COL20	Z	1.088e-14	-39.117	10.2	12.24
413	COL20	Z	-39.117	-152.435	12.24	14.28
414	COL20	Z	-152.435	-166.659	14.28	16.32
415	COL20	Z	-166.659	-53.341	16.32	18.36
416	COL20	Z	-53.341	1.088e-14	18.36	20.4
417	EDGE18	Z	-18.385	-18.385	25.559	28.96
418	PARAPET4	Z	-193.637	-157.113	0	0.967
419	PARAPET4	Z	-157.113	-153.241	0.967	1.933
420	PARAPET4	Z	-153.241	-212.9	1.933	2.9
421	PARAPET4	Z	-212.9	-258.168	2.9	3.866
422	PARAPET4	Z	-258.168	-258.168	3.866	4.833
423	SCREEN10	Z	-38.1	-38.1	8.882e-16	16
424	SCREEN22	Z	-38.1	-38.1	8.882e-16	16
425	SCREEN13	Z	-38.1	-38.1	4.441e-16	16
426	SCREEN21	Z	-38.1	-38.1	1.332e-15	16

Member Distributed Loads (BLC 61 : BLC 27 Transient Area Loads)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	COL20	Z	2.177e-14	58.675	10.2	12.24
2	COL20	Z	58.675	228.652	12.24	14.28
3	COL20	Z	228.652	249.989	14.28	16.32
4	COL20	Z	249.989	80.012	16.32	18.36
5	COL20	Z	80.012	2.177e-14	18.36	20.4
6	EDGE18	Z	27.578	27.578	25.559	28.96
7	PARAPET4	Z	290.455	235.669	0	0.967
8	PARAPET4	Z	235.669	229.862	0.967	1.933
9	PARAPET4	Z	229.862	319.35	1.933	2.9
10	PARAPET4	Z	319.35	387.253	2.9	3.866
11	PARAPET4	Z	387.253	387.253	3.866	4.833
12	COL29	Z	181.365	181.365	6.25	23.406
13	COL38	Z	197.468	197.468	12	29.156
14	X_RIGID1	Z	16.103	16.103	1.926e-14	17.156
15	COL28	Z	328.005	328.005	12	23.375
16	COL32	Z	2.842e-14	2.842e-14	12	23.375
17	COL41	Z	333	333	12	23.375
18	COL42	Z	333	333	12	23.375
19	COL66	Z	161.505	161.505	12	23.375
20	COL28	Z	310.275	310.275	0	12
21	COL32	Z	157.5	157.5	2.109e-15	12
22	COL41	Z	315	315	1.332e-15	12
23	COL42	Z	315	315	2.109e-15	12
24	COL66	Z	152.775	152.775	2.442e-15	12
25	COL29	Z	136.037	156.374	0	1.404
26	COL29	Z	156.374	180.021	1.404	2.809
27	COL29	Z	180.021	157.235	2.809	4.213
28	COL29	Z	157.235	120.985	4.213	5.617
29	COL29	Z	120.985	121.017	5.617	7.022
30	COL38	Z	174.613	174.613	0	2.083
31	COL38	Z	174.613	174.613	2.083	4.165
32	COL38	Z	174.613	174.613	4.165	6.248
33	COL38	Z	174.613	189.955	6.248	8.33
34	COL38	Z	189.955	174.613	8.33	10.413
35	COL38	Z	174.613	71.965	10.413	12.495
36	COL38	Z	71.965	4.43e-7	12.495	14.578
37	COL65	Z	1.093	51.533	31.8	33.39
38	COL65	Z	51.533	101.991	33.39	34.98
39	COL65	Z	101.991	152.793	34.98	36.57
40	COL65	Z	152.793	192.649	36.57	38.16
41	COL65	Z	192.649	170.793	38.16	39.75
42	X_RIGID3	Z	14.961	14.961	11.25	23.242
43	COL22	Z	-0.405	71.843	20.4	22.667
44	COL22	Z	71.843	180.215	22.667	24.933
45	COL22	Z	180.215	180.215	24.933	27.2
46	COL22	Z	180.215	159.724	27.2	29.467
47	COL22	Z	159.724	180.215	29.467	31.733

Member Distributed Loads (BLC 61 : BLC 27 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
48	COL22	Z	180.215	189.931	31.733	34
49	COL65	Z	2.402	69.669	19.875	22.146
50	COL65	Z	69.669	136.935	22.146	24.418
51	COL65	Z	136.935	142.077	24.418	26.689
52	COL65	Z	142.077	170.569	26.689	28.961
53	COL65	Z	170.569	165.427	28.961	31.232
54	COL65	Z	165.427	103.302	31.232	33.504
55	COL65	Z	103.302	36.036	33.504	35.775
56	X_RIGID3	Z	14.106	14.106	0	11.258
57	COL15	Z	297	297	22.75	34
58	COL20	Z	144.045	144.045	22.75	34
59	COL24	Z	292.545	292.545	22.75	34
60	COL58	Z	297	297	22.75	34
61	COL59	Z	-5.684e-14	-5.684e-14	22.75	34
62	COL22	Z	4.648	38.966	10.2	12.467
63	COL22	Z	38.966	124.584	12.467	14.733
64	COL22	Z	124.584	162.682	14.733	17
65	COL22	Z	162.682	168.176	17	19.267
66	COL22	Z	168.176	131.092	19.267	21.533
67	COL22	Z	131.092	19.53	21.533	23.8
68	COL65	Z	34.728	126.148	11.925	14.31
69	COL65	Z	126.148	151.257	14.31	16.695
70	COL65	Z	151.257	160.676	16.695	19.08
71	COL65	Z	160.676	130.655	19.08	21.465
72	COL65	Z	130.655	10.575	21.465	23.85
73	EDGE34	Z	10.982	10.982	22.87	26.768
74	X_RIGID2	Z	13.004	13.004	0	8.869
75	COL15	Z	8.882	64.9	10.2	12.467
76	COL15	Z	64.9	232.322	12.467	14.733
77	COL15	Z	232.322	292.39	14.733	17
78	COL15	Z	292.39	288.818	17	19.267
79	COL15	Z	288.818	229.993	19.267	21.533
80	COL15	Z	229.993	16.814	21.533	23.8
81	COL20	Z	180.616	108.37	13.6	15.64
82	COL20	Z	108.37	108.37	15.64	17.68
83	COL20	Z	108.37	144.493	17.68	19.72
84	COL20	Z	144.493	108.37	19.72	21.76
85	COL20	Z	108.37	36.123	21.76	23.8
86	COL24	Z	279.062	252.873	13.6	15.64
87	COL24	Z	252.873	275.039	15.64	17.68
88	COL24	Z	275.039	286.722	17.68	19.72
89	COL24	Z	286.722	199.045	19.72	21.76
90	COL24	Z	199.045	70.844	21.76	23.8
91	COL58	Z	8.884	64.008	10.2	12.467
92	COL58	Z	64.008	228.762	12.467	14.733
93	COL58	Z	285.645	286.191	14.733	17
94	COL58	Z	286.153	284.359	17	19.267
95	COL58	Z	284.359	228.192	19.267	21.533
96	COL58	Z	228.192	14.971	21.533	23.8
97	COL59	Z	4.408	60.802	10.2	12.467
98	COL59	Z	60.802	116.328	12.467	14.733
99	COL59	Z	116.328	119.984	14.733	17
100	COL59	Z	119.984	146.65	17	19.267
101	COL59	Z	146.65	115.899	19.267	21.533
102	COL59	Z	115.899	10.114	21.533	23.8
103	COL15	Z	165.967	273.767	0	2.267
104	COL15	Z	273.767	274.471	2.267	4.533
105	COL15	Z	274.471	219.814	4.533	6.8
106	COL15	Z	219.814	270.436	6.8	9.067
107	COL15	Z	270.436	271.006	9.067	11.333
108	COL15	Z	271.006	167.982	11.333	13.6
109	COL20	Z	245.311	245.18	0	2.125
110	COL20	Z	245.18	269.004	2.125	4.25
111	COL20	Z	269.004	305.642	4.25	6.375
112	COL20	Z	305.642	281.352	6.375	8.5
113	COL20	Z	281.352	244.377	8.5	10.625
114	COL20	Z	244.377	176.909	10.625	12.75
115	COL20	Z	176.909	54.687	12.75	14.875

Member Distributed Loads (BLC 61 : BLC 27 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
116	COL20	Z	54.687	-0.004	14.875	17
117	COL24	Z	226.303	227.665	0	2.125
118	COL24	Z	227.665	246.141	2.125	4.25
119	COL24	Z	246.141	280.801	4.25	6.375
120	COL24	Z	280.801	263.741	6.375	8.5
121	COL24	Z	263.741	227.582	8.5	10.625
122	COL24	Z	227.582	169.251	10.625	12.75
123	COL24	Z	169.251	56.598	12.75	14.875
124	COL24	Z	56.598	0.043	14.875	17
125	COL58	Z	227.075	228.282	0	2.125
126	COL58	Z	228.282	273.875	2.125	4.25
127	COL58	Z	273.875	285.144	4.25	6.375
128	COL58	Z	285.144	238.264	6.375	8.5
129	COL58	Z	238.264	225.984	8.5	10.625
130	COL58	Z	225.984	170.296	10.625	12.75
131	COL58	Z	170.296	56.883	12.75	14.875
132	COL59	Z	81.182	133.138	0	2.267
133	COL59	Z	133.138	132.381	2.267	4.533
134	COL59	Z	132.381	125.94	4.533	6.8
135	COL59	Z	125.94	134.935	6.8	9.067
136	COL59	Z	134.935	115.669	9.067	11.333
137	COL59	Z	115.669	99.732	11.333	13.6
138	COL53	Z	143.283	143.573	0	2.111
139	COL53	Z	143.573	146.18	2.111	4.222
140	COL53	Z	146.18	149.87	4.222	6.333
141	COL53	Z	149.87	145.967	6.333	8.445
142	COL53	Z	145.967	145.069	8.445	10.556
143	COL53	Z	145.069	153.536	10.556	12.667
144	EDGE18	Z	9.329	9.376	0	2.915
145	EDGE18	Z	9.376	4.702	2.915	5.83
146	EDGE18	Z	4.702	0.004	5.83	8.745
147	COL34	Z	112.134	112.134	0	2
148	COL34	Z	112.134	112.134	2	4
149	COL34	Z	112.134	112.134	4	6
150	COL34	Z	112.134	112.134	6	8
151	COL34	Z	112.134	112.134	8	10
152	COL34	Z	112.134	112.134	10	12
153	COL34	Z	112.134	112.134	12	14
154	COL34	Z	112.134	112.134	14	16
155	COL34	Z	112.134	112.134	16	18
156	COL34	Z	112.134	112.134	18	20
157	COL34	Z	112.134	112.134	20	22
158	COL34	Z	112.134	112.134	22	24
159	COL34	Z	112.134	112.134	24	26
160	COL34	Z	112.134	112.134	26	28
161	COL34	Z	112.134	112.134	28	30
162	COL34	Z	112.134	112.077	30	32
163	COL34	Z	112.077	112.021	32	34
164	COL34	Z	112.021	112.021	34	36
165	COL34	Z	112.021	112.009	36	38
166	COL34	Z	112.009	111.933	38	40
167	COL34	Z	111.933	111.838	40	42
168	COL34	Z	111.838	111.67	42	44
169	COL34	Z	111.67	111.397	44	46
170	COL40	Z	77.845	127.796	0	2.188
171	COL40	Z	127.796	127.356	2.188	4.375
172	COL40	Z	127.356	101.94	4.375	6.562
173	COL40	Z	101.94	101.94	6.562	8.75
174	COL40	Z	101.94	127.035	8.75	10.938
175	COL40	Z	127.035	127.035	10.938	13.125
176	COL40	Z	127.035	101.94	13.125	15.312
177	COL40	Z	101.94	101.94	15.312	17.5
178	COL49	Z	109.053	109.053	0	2.048
179	COL49	Z	109.053	109.053	2.048	4.097
180	COL49	Z	109.053	109.053	4.097	6.145
181	COL49	Z	109.053	109.053	6.145	8.194
182	COL49	Z	109.053	109.053	8.194	10.242
183	COL49	Z	109.053	109.053	10.242	12.29

Member Distributed Loads (BLC 61 : BLC 27 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
184	COL49	Z	109.053	117.431	12.29	14.339
185	COL49	Z	117.431	136.317	14.339	16.387
186	COL49	Z	136.317	127.939	16.387	18.435
187	COL49	Z	127.939	109.053	18.435	20.484
188	COL49	Z	109.053	109.053	20.484	22.532
189	COL49	Z	109.053	109.053	22.532	24.581
190	COL49	Z	109.053	109.053	24.581	26.629
191	COL49	Z	109.053	109.053	26.629	28.677
192	COL49	Z	109.053	109.03	28.677	30.726
193	COL49	Z	109.03	108.982	30.726	32.774
194	COL49	Z	108.982	108.958	32.774	34.823
195	COL49	Z	108.958	108.958	34.823	36.871
196	COL49	Z	108.958	108.958	36.871	38.919
197	COL49	Z	108.958	108.958	38.919	40.968
198	COL49	Z	108.958	108.958	40.968	43.016
199	COL49	Z	108.958	108.912	43.016	45.065
200	COL49	Z	108.912	117.104	45.065	47.113
201	COL49	Z	117.104	133.504	47.113	49.161
202	COL49	Z	133.504	127.051	49.161	51.21
203	COL49	Z	127.051	110.364	51.21	53.258
204	COL49	Z	110.364	108.292	53.258	55.306
205	COL49	Z	108.292	108.292	55.306	57.355
206	COL49	Z	108.292	108.292	57.355	59.403
207	COL49	Z	108.292	108.292	59.403	61.452
208	COL49	Z	108.292	108.292	61.452	63.5
209	COL40	Z	111.825	111.825	3.181e-14	17.5
210	TRUSS11	Z	210	210	0	17.5
211	TRUSS12	Z	210	210	0	17.5
212	TRUSS17	Z	105	105	6.828e-15	17.5
213	TRUSS36	Z	216.825	216.825	4.513e-14	17.5
214	COL68	Z	-90.825	-90.825	2.36e-13	17.5
215	TRUSS16	Z	-210	-210	0	17.5
216	TRUSS17	Z	-52.5	-52.5	9.459e-14	17.5
217	TRUSS20	Z	-195.825	-195.825	1.496e-13	17.5
218	TRUSS21	Z	-157.5	-157.5	0	17.5
219	TRUSS25	Z	-105	-105	1.554e-14	17.5
220	TRUSS31	Z	-210	-210	0	17.5
221	COL10	Z	-49.255	-49.255	0	2
222	COL10	Z	-49.255	-49.255	2	4
223	COL10	Z	-49.255	-49.255	4	6
224	COL10	Z	-49.255	-49.255	6	8
225	COL10	Z	-49.255	-49.255	8	10
226	COL10	Z	-49.255	-49.255	10	12
227	COL10	Z	-49.255	-49.255	12	14
228	COL10	Z	-49.255	-49.255	14	16
229	COL10	Z	-49.255	-49.255	16	18
230	COL10	Z	-49.255	-49.255	18	20
231	COL10	Z	-49.255	-49.255	20	22
232	COL10	Z	-49.255	-49.255	22	24
233	COL10	Z	-49.255	-49.255	24	26
234	COL10	Z	-49.255	-49.255	26	28
235	COL10	Z	-49.255	-49.255	28	30
236	COL10	Z	-49.255	-49.255	30	32
237	COL10	Z	-49.255	-49.255	32	34
238	COL10	Z	-49.255	-49.255	34	36
239	COL10	Z	-49.255	-49.249	36	38
240	COL10	Z	-49.249	-49.214	38	40
241	COL10	Z	-49.214	-49.162	40	42
242	COL10	Z	-49.162	-49.055	42	44
243	COL10	Z	-49.055	-48.886	44	46
244	COL13	Z	-47.902	-47.902	0	2.048
245	COL13	Z	-47.902	-47.902	2.048	4.097
246	COL13	Z	-47.902	-47.902	4.097	6.145
247	COL13	Z	-47.902	-47.902	6.145	8.194
248	COL13	Z	-47.902	-47.902	8.194	10.242
249	COL13	Z	-47.902	-47.902	10.242	12.29
250	COL13	Z	-47.902	-49.895	12.29	14.339
251	COL13	Z	-49.895	-59.877	14.339	16.387

Member Distributed Loads (BLC 61 : BLC 27 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
252	COL13	Z	-59.877	-57.885	16.387	18.435
253	COL13	Z	-57.885	-47.902	18.435	20.484
254	COL13	Z	-47.902	-47.902	20.484	22.532
255	COL13	Z	-47.902	-47.902	22.532	24.581
256	COL13	Z	-47.902	-47.902	24.581	26.629
257	COL13	Z	-47.902	-47.902	26.629	28.677
258	COL13	Z	-47.902	-47.902	28.677	30.726
259	COL13	Z	-47.902	-47.902	30.726	32.774
260	COL13	Z	-47.902	-47.902	32.774	34.823
261	COL13	Z	-47.902	-47.902	34.823	36.871
262	COL13	Z	-47.902	-47.881	36.871	38.919
263	COL13	Z	-47.881	-47.84	38.919	40.968
264	COL13	Z	-47.84	-47.82	40.968	43.016
265	COL13	Z	-47.82	-47.808	43.016	45.065
266	COL13	Z	-47.808	-51.721	45.065	47.113
267	COL13	Z	-51.721	-57.558	47.113	49.161
268	COL13	Z	-57.558	-55.493	49.161	51.21
269	COL13	Z	-55.493	-49.541	51.21	53.258
270	COL13	Z	-49.541	-47.567	53.258	55.306
271	COL13	Z	-47.567	-47.567	55.306	57.355
272	COL13	Z	-47.567	-47.567	57.355	59.403
273	COL13	Z	-47.567	-47.567	59.403	61.452
274	COL13	Z	-47.567	-47.567	61.452	63.5
275	COL68	Z	-34.162	-56.019	0	2.188
276	COL68	Z	-56.019	-55.861	2.188	4.375
277	COL68	Z	-55.861	-44.775	4.375	6.562
278	COL68	Z	-44.775	-44.775	6.562	8.75
279	COL68	Z	-44.775	-55.798	8.75	10.938
280	COL68	Z	-55.798	-55.798	10.938	13.125
281	COL68	Z	-55.798	-44.775	13.125	15.312
282	COL68	Z	-44.775	-44.775	15.312	17.5
283	COL17	Z	-232.193	-232.193	8.882e-16	13.292
284	COL19	Z	-249	-249	0	13.292
285	COL21	Z	-249	-249	2.753e-14	13.292
286	COL25	Z	-249	-249	0	13.292
287	COL59	Z	-124.5	-124.5	0	13.292
288	COL60	Z	-58.515	-58.515	2.887e-14	13.292
289	COL61	Z	-166.208	-166.208	1.538e-14	13.292
290	COL17	Z	-254.573	-254.573	13.292	22.75
291	COL19	Z	-273	-273	13.292	22.75
292	COL21	Z	-273	-273	13.292	22.75
293	COL25	Z	-273	-273	13.292	22.75
294	COL59	Z	-136.5	-136.5	13.292	22.75
295	COL60	Z	-64.155	-64.155	13.292	22.75
296	COL61	Z	-182.228	-182.228	13.292	22.75
297	COL17	Z	-276.953	-276.953	22.75	34
298	COL19	Z	-297	-297	22.75	34
299	COL21	Z	-297	-297	22.75	34
300	COL25	Z	-297	-297	22.75	34
301	COL60	Z	-69.795	-69.795	22.75	34
302	COL61	Z	-198.248	-198.248	22.75	34
303	COL12	Z	-315	-315	2.109e-15	12
304	COL27	Z	-210.263	-210.263	1.463e-13	12
305	COL32	Z	-157.5	-157.5	1.776e-15	12
306	COL43	Z	-315	-315	2.109e-15	12
307	COL44	Z	-315	-315	2.109e-15	12
308	COL45	Z	-293.738	-293.738	1.553e-13	12
309	COL67	Z	-74.025	-74.025	8.882e-16	12
310	COL12	Z	-333	-333	12	23.375
311	COL27	Z	-222.278	-222.278	12	23.375
312	COL43	Z	-333	-333	12	23.375
313	COL44	Z	-333	-333	12	23.375
314	COL45	Z	-310.523	-310.523	12	23.375
315	COL67	Z	-78.255	-78.255	12	23.375
316	SCREEN13	Z	57.15	57.15	4.441e-16	16
317	SCREEN21	Z	57.15	57.15	1.332e-15	16
318	SCREEN10	Z	57.15	57.15	8.882e-16	16
319	SCREEN22	Z	57.15	57.15	8.882e-16	16

Member Distributed Loads (BLC 61 : BLC 27 Transient Area Loads) (Continued)

Member Label	Direction	Start Magnitude [lb/ft, F, psf, kip-in/ft]	End Magnitude [lb/ft, F, psf, kip-in/ft]	Start Location [(ft, %)]	End Location [(ft, %)]

Member Area Loads (BLC 1 : Dead Framing)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
1	N445	N441	N166	N450	Y	A-B	-3.5	-3.5	-3.5	-3.5	Yes
2	N168	N445	N442	N443	Y	A-B	-3.5	-3.5	-3.5	-3.5	Yes
3	N459	N456	N178	N186	Y	A-B	-7	-7	-7	-7	Yes
4	N734	N731	N732	N735	Y	A-B	-8	-8	-8	-8	Yes
5	N416	N684	N257	N322	Y	B-C	-8	-8	-8	-8	Yes
6	N692	N789	N695	N790	Y	A-B	-8	-8	-8	-8	Yes
7	N697	N699	N785	N786	Y	A-B	-8	-8	-8	-8	Yes
8	N780	N782	N779	N781	Y	A-B	-8	-8	-8	-8	Yes

Member Area Loads (BLC 2 : Collateral)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
1	N459	N456	N178	N186	Y	A-B	-8	-8	-8	-8	Yes
2	N168	N445	N442	N443	Y	A-B	-10	-10	-10	-10	Yes
3	N445	N441	N166	N450	Y	A-B	-10	-10	-10	-10	Yes

Member Area Loads (BLC 3 : Solar Collateral)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
1	N445	N441	N166	N450	Y	A-B	-6	-6	-6	-6	Yes
2	N168	N445	N442	N443	Y	A-B	-6	-6	-6	-6	Yes

Member Area Loads (BLC 4 : Dead Walls)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
1	F.9-1.1	F.6-1.1	N166	N441	Y	A-B	-2.5	-2.5	-2.5	-2.5	Yes
2	F.9-1.9	F.9-1.1	N441	N375	Y	A-B	-2.5	-2.5	-2.5	-2.5	Yes
3	N674	N675	N375	N444	Y	A-B	-2.5	-2.5	-2.5	-2.5	Yes
4	F.9-11.9	F.9-11.1	N444	N168	Y	A-B	-2.5	-2.5	-2.5	-2.5	Yes
5	A.1-11.9	F.9-11.9	N168	N443	Y	A-B	-2.5	-2.5	-2.5	-2.5	Yes
6	A.1-2.1	A.1-11.9	N443	N442	Y	A-B	-2.5	-2.5	-2.5	-2.5	Yes
7	A.1-1.1	A.1-2.1	N335	N174	Y	A-B	-2.5	-2.5	-2.5	-2.5	Yes
8	N166	N450	N186	N459	Y	A-B	-2.5	-2.5	-2.5	-2.5	Yes
9	F.6-1.1	A.1-1.1	N174	N325	Y	A-B	-2.5	-2.5	-2.5	-2.5	Yes
10	N186	N178	N442	N450	Y	A-B	-2.5	-2.5	-2.5	-2.5	Yes
11	N292	N225	N184	N318	Y	A-B	-2.5	-2.5	-2.5	-2.5	Yes
12	N318	N184	N393	N251	Y	A-B	-2.5	-2.5	-2.5	-2.5	Yes
13	N251	N393	N607	N609	Y	A-B	-2.5	-2.5	-2.5	-2.5	Yes

Member Area Loads (BLC 5 : Equipment)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
1	N614	N323	N616	N615	Y	A-B	-27.6	-27.6	-27.6	-27.6	Yes
2	N347	N253	N611	N610	Y	A-B	-28	-28	-28	-28	Yes
3	N220	N709	N181	N351	Y	A-B	-28.8	-28.8	-28.8	-28.8	Yes
4	N708	N418	N349	N382	Y	A-B	-28.8	-28.8	-28.8	-28.8	Yes
5	N363	N725	N200	N724	Y	A-B	-28.8	-28.8	-28.8	-28.8	Yes
6	N711	N331	N713	N712	Y	A-B	-28.8	-28.8	-28.8	-28.8	Yes
7	N727	N730	N398	N729	Y	A-B	-28.8	-28.8	-28.8	-28.8	Yes
8	N277	N403	N380	N728	Y	A-B	-28.8	-28.8	-28.8	-28.8	Yes
9	N710	N183	N157	N237	Y	A-B	-28.8	-28.8	-28.8	-28.8	Yes
10	N390	N159	N726	N283	Y	A-B	-28.8	-28.8	-28.8	-28.8	Yes
11	N719	N722	N723	N720	Y	A-B	-28.8	-28.8	-28.8	-28.8	Yes
12	N718	N721	N227	N313	Y	A-B	-28.8	-28.8	-28.8	-28.8	Yes
13	N715	N273	N396	N420	Y	A-B	-28.8	-28.8	-28.8	-28.8	Yes
14	N714	N717	N371	N716	Y	A-B	-28.8	-28.8	-28.8	-28.8	Yes
15	N317	N612	N243	N613	Y	A-B	-31.5	-31.5	-31.5	-31.5	Yes
16	N146	N320	N308	N132	Y	A-B	-42.9	-42.9	-42.9	-42.9	Yes

Member Area Loads (BLC 6 : Snow - Balance)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
1	N451	N452	N457	N106	Y	A-B	-21	-21	-21	-21	Yes
2	N454	N455	N458	N182	Y	A-B	-21	-21	-21	-21	Yes
3	N459	N451	N106	N186	Y	A-B	-21	-21	-21	-21	Yes
4	N168	N445	N442	N443	Y	A-B	-21	-21	-21	-21	Yes

Member Area Loads (BLC 6 : Snow - Balance) (Continued)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
5	N455	N456	N178	N458	Y	A-B	-21	-21	-21	-21	Yes
6	N445	N441	N166	N450	Y	A-B	-21	-21	-21	-21	Yes
7	N453	N454	N182	N426	Y	A-B	-21	-21	-21	-21	Yes
8	N452	N453	N426	N457	Y	A-B	-21	-21	-21	-21	Yes
9	N322	N416	N684	N257	Y	A-B	-25.2	-25.2	-25.2	-25.2	Yes
10	N734	N731	N732	N735	Y	A-B	-25.2	-25.2	-25.2	-25.2	Yes
11	N692	N789	N695	N790	Y	A-B	-25.2	-25.2	-25.2	-25.2	Yes
12	N697	N699	N785	N786	Y	A-B	-25.2	-25.2	-25.2	-25.2	Yes
13	N780	N782	N779	N781	Y	A-B	-25.2	-25.2	-25.2	-25.2	Yes

Member Area Loads (BLC 7 : Snow - Drift)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
1	N731	N734	N735	N732	Y	A-B	0	-33.3	-33.3	0	Yes
2	N348	N125	N341	N346	Y	A-B	-6.9	-6.9	-6.9	-6.9	Yes
3	N275	N341	N118	N567	Y	A-B	-6.9	-6.9	-6.9	-6.9	Yes
4	N336	N338	N569	N275	Y	A-B	-6.9	-6.9	-6.9	-6.9	Yes
5	N568	N573	N125	N336	Y	A-B	-6.9	-6.9	-6.9	-6.9	Yes
6	N566	N568	N567	N565	Y	A-B	-20.6	-20.6	-20.6	-20.6	Yes
7	N206	N572	N571	N566	Y	A-B	-20.6	-20.6	-20.6	-20.6	Yes
8	N573	N571	N570	N118	Y	A-B	-20.6	-20.6	-20.6	-20.6	Yes
9	N565	N570	N120	N328	Y	A-B	-20.6	-20.6	-20.6	-20.6	Yes
10	N322	N416	N684	N257	Y	A-B	-33.3	0	0	-33.3	Yes
11	N563	N206	N328	N562	Y	A-B	-34.4	-34.4	-34.4	-34.4	Yes
12	N572	N556	N456	N120	Y	A-B	-34.4	-34.4	-34.4	-34.4	Yes
13	N564	N557	N556	N563	Y	A-B	-34.4	-34.4	-34.4	-34.4	Yes
14	N559	N330	N557	N558	Y	A-B	-48.1	-48.1	-48.1	-48.1	Yes
15	N558	N564	N562	N459	Y	A-B	-48.1	-48.1	-48.1	-48.1	Yes
16	N560	N332	N330	N559	Y	A-B	-60	-60	-60	-60	Yes
17	N561	N334	N332	N560	Y	A-B	-73.4	-73.4	-73.4	-73.4	Yes
18	N186	N178	N334	N561	Y	A-B	-86.7	-86.7	-86.7	-86.7	Yes
19	N692	N789	N695	N790	Y	A-B	-43	0	0	-43	Yes
20	N697	N699	N785	N786	Y	A-B	-43	0	0	-43	Yes
21	N780	N782	N779	N781	Y	A-B	-43	0	0	-43	Yes

Member Area Loads (BLC 8 : Seismic Wt X)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
1	F.6-1.1	A.1-1.1	N174	N325	X	A-B	-2.5	-2.5	-2.5	-2.5	Yes
2	A.1-11.9	F.9-11.9	N168	N443	X	A-B	-2.5	-2.5	-2.5	-2.5	Yes
3	N166	N450	N186	N459	X	A-B	-2.5	-2.5	-2.5	-2.5	Yes
4	N186	N178	N442	N450	X	A-B	-2.5	-2.5	-2.5	-2.5	Yes
5	A.1-2.1	A.1-11.9	N443	N442	X	A-B	-2.5	-2.5	-2.5	-2.5	Yes
6	A.1-1.1	A.1-2.1	N335	N174	X	A-B	-2.5	-2.5	-2.5	-2.5	Yes
7	F.9-11.9	F.9-11.1	N444	N168	X	A-B	-2.5	-2.5	-2.5	-2.5	Yes
8	F.9-1.9	F.9-1.1	N441	N375	X	A-B	-2.5	-2.5	-2.5	-2.5	Yes
9	F.9-1.1	F.6-1.1	N166	N441	X	A-B	-2.5	-2.5	-2.5	-2.5	Yes
10	N674	N675	N375	N444	X	A-B	-2.5	-2.5	-2.5	-2.5	Yes
11	N168	N445	N442	N443	X	A-B	-3.5	-3.5	-3.5	-3.5	Yes
12	N445	N441	N166	N450	X	A-B	-3.5	-3.5	-3.5	-3.5	Yes
13	N445	N441	N166	N450	X	A-B	-6	-6	-6	-6	Yes
14	N168	N445	N442	N443	X	A-B	-6	-6	-6	-6	Yes
15	N459	N456	N178	N186	X	A-B	-7	-7	-7	-7	Yes
16	N459	N456	N178	N186	X	A-B	-8	-8	-8	-8	Yes
17	N168	N445	N442	N443	X	A-B	-10	-10	-10	-10	Yes
18	N445	N441	N166	N450	X	A-B	-10	-10	-10	-10	Yes
19	N614	N323	N616	N615	X	A-B	-27.6	-27.6	-27.6	-27.6	Yes
20	N347	N253	N611	N610	X	A-B	-28	-28	-28	-28	Yes
21	N277	N403	N380	N728	X	A-B	-28.8	-28.8	-28.8	-28.8	Yes
22	N727	N730	N398	N729	X	A-B	-28.8	-28.8	-28.8	-28.8	Yes
23	N220	N709	N181	N351	X	A-B	-28.8	-28.8	-28.8	-28.8	Yes
24	N710	N183	N157	N237	X	A-B	-28.8	-28.8	-28.8	-28.8	Yes
25	N711	N331	N713	N712	X	A-B	-28.8	-28.8	-28.8	-28.8	Yes
26	N714	N717	N371	N716	X	A-B	-28.8	-28.8	-28.8	-28.8	Yes
27	N715	N273	N396	N420	X	A-B	-28.8	-28.8	-28.8	-28.8	Yes
28	N718	N721	N227	N313	X	A-B	-28.8	-28.8	-28.8	-28.8	Yes
29	N719	N722	N723	N720	X	A-B	-28.8	-28.8	-28.8	-28.8	Yes
30	N708	N418	N349	N382	X	A-B	-28.8	-28.8	-28.8	-28.8	Yes

Member Area Loads (BLC 8 : Seismic Wt X) (Continued)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
31	N390	N159	N726	N283	X	A-B	-28.8	-28.8	-28.8	-28.8	Yes
32	N363	N725	N200	N724	X	A-B	-28.8	-28.8	-28.8	-28.8	Yes
33	N317	N612	N243	N613	X	A-B	-31.5	-31.5	-31.5	-31.5	Yes
34	N146	N320	N308	N132	X	A-B	-42.9	-42.9	-42.9	-42.9	Yes
35	N734	N731	N732	N735	X	A-B	-8	-8	-8	-8	Yes
36	N416	N684	N257	N322	X	B-C	-8	-8	-8	-8	Yes
37	N292	N225	N184	N318	X	A-B	-2.5	-2.5	-2.5	-2.5	Yes
38	N318	N184	N393	N251	X	A-B	-2.5	-2.5	-2.5	-2.5	Yes
39	N251	N393	N607	N609	X	A-B	-2.5	-2.5	-2.5	-2.5	Yes
40	N692	N789	N695	N790	X	A-B	-8	-8	-8	-8	Yes
41	N697	N699	N785	N786	X	A-B	-8	-8	-8	-8	Yes
42	N780	N782	N779	N781	X	A-B	-8	-8	-8	-8	Yes

Member Area Loads (BLC 9 : Seismic Wt Z)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
1	F.9-1.9	F.9-1.1	N441	N375	Z	A-B	-2.5	-2.5	-2.5	-2.5	Yes
2	F.9-1.1	F.6-1.1	N166	N441	Z	A-B	-2.5	-2.5	-2.5	-2.5	Yes
3	F.6-1.1	A.1-1.1	N174	N325	Z	A-B	-2.5	-2.5	-2.5	-2.5	Yes
4	A.1-1.1	A.1-2.1	N335	N174	Z	A-B	-2.5	-2.5	-2.5	-2.5	Yes
5	N166	N450	N186	N459	Z	A-B	-2.5	-2.5	-2.5	-2.5	Yes
6	N186	N178	N442	N450	Z	A-B	-2.5	-2.5	-2.5	-2.5	Yes
7	A.1-2.1	A.1-11.9	N443	N442	Z	A-B	-2.5	-2.5	-2.5	-2.5	Yes
8	A.1-11.9	F.9-11.9	N168	N443	Z	A-B	-2.5	-2.5	-2.5	-2.5	Yes
9	F.9-11.9	F.9-11.1	N444	N168	Z	A-B	-2.5	-2.5	-2.5	-2.5	Yes
10	N674	N675	N375	N444	Z	A-B	-2.5	-2.5	-2.5	-2.5	Yes
11	N168	N445	N442	N443	Z	A-B	-3.5	-3.5	-3.5	-3.5	Yes
12	N445	N441	N166	N450	Z	A-B	-3.5	-3.5	-3.5	-3.5	Yes
13	N445	N441	N166	N450	Z	A-B	-6	-6	-6	-6	Yes
14	N168	N445	N442	N443	Z	A-B	-6	-6	-6	-6	Yes
15	N459	N456	N178	N186	Z	A-B	-7	-7	-7	-7	Yes
16	N459	N456	N178	N186	Z	A-B	-8	-8	-8	-8	Yes
17	N445	N441	N166	N450	Z	A-B	-10	-10	-10	-10	Yes
18	N168	N445	N442	N443	Z	A-B	-10	-10	-10	-10	Yes
19	N614	N323	N616	N615	Z	A-B	-27.6	-27.6	-27.6	-27.6	Yes
20	N347	N253	N611	N610	Z	A-B	-28	-28	-28	-28	Yes
21	N220	N709	N181	N351	Z	A-B	-28.8	-28.8	-28.8	-28.8	Yes
22	N708	N418	N349	N382	Z	A-B	-28.8	-28.8	-28.8	-28.8	Yes
23	N714	N717	N371	N716	Z	A-B	-28.8	-28.8	-28.8	-28.8	Yes
24	N711	N331	N713	N712	Z	A-B	-28.8	-28.8	-28.8	-28.8	Yes
25	N277	N403	N380	N728	Z	A-B	-28.8	-28.8	-28.8	-28.8	Yes
26	N715	N273	N396	N420	Z	A-B	-28.8	-28.8	-28.8	-28.8	Yes
27	N718	N721	N227	N313	Z	A-B	-28.8	-28.8	-28.8	-28.8	Yes
28	N719	N722	N723	N720	Z	A-B	-28.8	-28.8	-28.8	-28.8	Yes
29	N390	N159	N726	N283	Z	A-B	-28.8	-28.8	-28.8	-28.8	Yes
30	N363	N725	N200	N724	Z	A-B	-28.8	-28.8	-28.8	-28.8	Yes
31	N727	N730	N398	N729	Z	A-B	-28.8	-28.8	-28.8	-28.8	Yes
32	N710	N183	N157	N237	Z	A-B	-28.8	-28.8	-28.8	-28.8	Yes
33	N317	N612	N243	N613	Z	A-B	-31.5	-31.5	-31.5	-31.5	Yes
34	N146	N320	N308	N132	Z	A-B	-42.9	-42.9	-42.9	-42.9	Yes
35	N734	N731	N732	N735	Z	A-B	-8	-8	-8	-8	Yes
36	N416	N684	N257	N322	Z	B-C	-8	-8	-8	-8	Yes
37	N292	N225	N184	N318	Z	A-B	-2.5	-2.5	-2.5	-2.5	Yes
38	N318	N184	N393	N251	Z	A-B	-2.5	-2.5	-2.5	-2.5	Yes
39	N251	N393	N607	N609	Z	A-B	-2.5	-2.5	-2.5	-2.5	Yes
40	N692	N789	N695	N790	Z	A-B	-8	-8	-8	-8	Yes
41	N697	N699	N785	N786	Z	A-B	-8	-8	-8	-8	Yes
42	N780	N782	N779	N781	Z	A-B	-8	-8	-8	-8	Yes

Member Area Loads (BLC 10 : Wind X+)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
1	N251	N318	N184	N393	X	A-B	38.1	38.1	38.1	38.1	Yes
2	N325	N174	N456	N459	X	A-B	38.1	38.1	38.1	38.1	Yes
3	N530	N285	N166	N441	X	A-B	22.6	22.6	22.6	22.6	Yes
4	N476	N192	N154	N450	X	A-B	22.6	22.6	22.6	22.6	Yes
5	N192	N464	N442	N154	X	A-B	22.4	22.4	22.4	22.4	Yes
6	N531	N532	N285	N530	X	A-B	21	21	21	21	Yes

Member Area Loads (BLC 10 : Wind X+) (Continued)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
7	N360	N357	N464	N476	X	A-B	21	21	21	21	Yes
8	N523	N477	N357	N360	X	A-B	19.8	19.8	19.8	19.8	Yes
9	N248	N529	N532	N531	X	A-B	19.8	19.8	19.8	19.8	Yes
10	N287	N459	N529	N248	X	A-B	18.2	18.2	18.2	18.2	Yes
11	N186	N178	N477	N523	X	A-B	18.2	18.2	18.2	18.2	Yes
12	F.9-1.1	A.1-1.1	N456	N287	X	A-B	16.6	16.6	16.6	16.6	Yes
13	A.1-11.9	F.9-11.9	N168	N443	X	A-B	9.8	9.8	9.8	9.8	Yes

Member Area Loads (BLC 11 : Wind X-)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
1	F.9-1.1	F.6-1.1	N166	N441	X	A-B	-9.8	-9.8	-9.8	-9.8	Yes
2	F.6-1.1	A.1-1.1	N456	N459	X	A-B	-9.8	-9.8	-9.8	-9.8	Yes
3	N186	N178	N442	N450	X	A-B	-9.8	-9.8	-9.8	-9.8	Yes
4	A.1-11.9	F.9-11.9	N142	N352	X	A-B	-16.6	-16.6	-16.6	-16.6	Yes
5	N352	N142	N177	N223	X	A-B	-18.2	-18.2	-18.2	-18.2	Yes
6	N223	N177	N350	N574	X	A-B	-19.8	-19.8	-19.8	-19.8	Yes
7	N574	N350	N475	N471	X	A-B	-21	-21	-21	-21	Yes
8	N471	N473	N126	N443	X	A-B	-22.4	-22.4	-22.4	-22.4	Yes
9	N473	N475	N168	N126	X	A-B	-22.6	-22.6	-22.6	-22.6	Yes
10	N325	N174	N456	N459	X	A-B	-25.4	-25.4	-25.4	-25.4	Yes
11	N251	N318	N184	N393	X	A-B	-25.4	-25.4	-25.4	-25.4	Yes

Member Area Loads (BLC 12 : Wind Z+)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
1	N318	N292	N225	N184	Z	A-B	25.4	25.4	25.4	25.4	Yes
2	N335	N174	N456	N178	Z	A-B	25.4	25.4	25.4	25.4	Yes
3	N251	N393	N607	N609	Z	A-B	25.4	25.4	25.4	25.4	Yes
4	N475	N530	N441	N168	Z	A-B	22.6	22.6	22.6	22.6	Yes
5	N681	N531	N530	N679	Z	A-B	21	21	21	21	Yes
6	N350	N575	N460	N475	Z	A-B	21	21	21	21	Yes
7	N177	N127	N575	N350	Z	A-B	19.8	19.8	19.8	19.8	Yes
8	N289	N248	N531	N681	Z	A-B	19.8	19.8	19.8	19.8	Yes
9	N142	N354	N127	N177	Z	A-B	18.2	18.2	18.2	18.2	Yes
10	N407	N287	N248	N289	Z	A-B	18.2	18.2	18.2	18.2	Yes
11	F.9-11.9	F.9-11.1	N354	N142	Z	A-B	16.6	16.6	16.6	16.6	Yes
12	F.9-1.9	F.9-1.1	N287	N407	Z	A-B	16.6	16.6	16.6	16.6	Yes
13	A.1-1.1	A.1-2.1	N178	N456	Z	A-B	14	14	14	14	Yes
14	A.1-2.1	A.1-11.9	N443	N442	Z	A-B	14	14	14	14	Yes
15	N166	N450	N186	N459	Z	A-B	14	14	14	14	Yes

Member Area Loads (BLC 13 : Wind Z-)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
1	F.9-11.9	F.9-11.1	N444	N168	Z	A-B	-14	-14	-14	-14	Yes
2	N460	N679	N375	N444	Z	A-B	-14	-14	-14	-14	Yes
3	F.9-1.9	F.9-1.1	N441	N375	Z	A-B	-14	-14	-14	-14	Yes
4	A.1-2.1	A.1-11.9	N352	N178	Z	A-B	-16.6	-16.6	-16.6	-16.6	Yes
5	A.1-1.1	A.1-2.1	N178	N456	Z	A-B	-16.6	-16.6	-16.6	-16.6	Yes
6	N178	N352	N223	N477	Z	A-B	-18.2	-18.2	-18.2	-18.2	Yes
7	N523	N529	N459	N186	Z	A-B	-18.2	-18.2	-18.2	-18.2	Yes
8	N529	N523	N360	N532	Z	A-B	-19.8	-19.8	-19.8	-19.8	Yes
9	N477	N223	N574	N357	Z	A-B	-19.8	-19.8	-19.8	-19.8	Yes
10	N532	N360	N476	N285	Z	A-B	-21	-21	-21	-21	Yes
11	N357	N574	N471	N464	Z	A-B	-21	-21	-21	-21	Yes
12	N464	N471	N443	N442	Z	A-B	-22.2	-22.2	-22.2	-22.2	Yes
13	N285	N476	N450	N166	Z	A-B	-22.6	-22.6	-22.6	-22.6	Yes
14	N335	N174	N456	N178	Z	A-B	-38.1	-38.1	-38.1	-38.1	Yes
15	N251	N393	N607	N609	Z	A-B	-38.1	-38.1	-38.1	-38.1	Yes
16	N318	N292	N225	N184	Z	A-B	-38.1	-38.1	-38.1	-38.1	Yes

Member Area Loads (BLC 15 : Wind Y Up (X+ Dir))

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
1	N459	N456	N178	N186	Y	A-B	25.2	25.2	25.2	25.2	Yes
2	N442	N521	N265	N445	Y	A-B	25.2	25.2	25.2	25.2	Yes

Member Area Loads (BLC 15 : Wind Y Up (X+ Dir)) (Continued)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
3	N441	N445	N450	N166	Y	A-B	25.2	25.2	25.2	25.2	Yes
4	N416	N684	N257	N322	Y	B-C	23.9	23.9	23.9	23.9	Yes
5	N734	N731	N732	N735	Y	A-B	23.9	23.9	23.9	23.9	Yes
6	N521	N117	N140	N265	Y	A-B	14	14	14	14	Yes
7	N117	N443	N168	N140	Y	A-B	8.4	8.4	8.4	8.4	Yes
8	N692	N789	N695	N790	Y	A-B	17.5	17.5	17.5	17.5	Yes
9	N697	N699	N785	N786	Y	A-B	17.5	17.5	17.5	17.5	Yes
10	N780	N782	N779	N781	Y	A-B	17.5	17.5	17.5	17.5	Yes

Member Area Loads (BLC 16 : Wind Y Up (X- Dir))

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
1	N443	N578	N579	N168	Y	A-B	25.2	25.2	25.2	25.2	Yes
2	N731	N734	N735	N732	Y	A-B	23.9	23.9	23.9	23.9	Yes
3	N416	N684	N257	N322	Y	B-C	23.9	23.9	23.9	23.9	Yes
4	N578	N294	N345	N579	Y	A-B	14	14	14	14	Yes
5	N294	N442	N445	N345	Y	A-B	8.4	8.4	8.4	8.4	Yes
6	N441	N445	N450	N166	Y	A-B	8.4	8.4	8.4	8.4	Yes
7	N456	N459	N186	N178	Y	A-B	8.4	8.4	8.4	8.4	Yes
8	N692	N789	N695	N790	Y	A-B	17.5	17.5	17.5	17.5	Yes
9	N697	N699	N785	N786	Y	A-B	17.5	17.5	17.5	17.5	Yes
10	N780	N782	N779	N781	Y	A-B	17.5	17.5	17.5	17.5	Yes

Member Area Loads (BLC 17 : Wind Y Up (Z+ Dir))

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
1	N441	N445	N450	N166	Y	A-B	25.2	25.2	25.2	25.2	Yes
2	N445	N168	N278	N276	Y	A-B	25.2	25.2	25.2	25.2	Yes
3	N172	N459	N186	N586	Y	A-B	25.2	25.2	25.2	25.2	Yes
4	N416	N684	N257	N322	Y	B-C	23.9	23.9	23.9	23.9	Yes
5	N731	N734	N735	N732	Y	A-B	23.9	23.9	23.9	23.9	Yes
6	N276	N278	N433	N155	Y	A-B	14	14	14	14	Yes
7	N455	N172	N586	N458	Y	A-B	13.5	13.5	13.5	13.5	Yes
8	N155	N433	N443	N442	Y	A-B	8.4	8.4	8.4	8.4	Yes
9	N455	N456	N178	N458	Y	A-B	8.1	8.1	8.1	8.1	Yes
10	N692	N789	N695	N790	Y	A-B	17.5	17.5	17.5	17.5	Yes
11	N697	N699	N785	N786	Y	A-B	17.5	17.5	17.5	17.5	Yes
12	N780	N782	N779	N781	Y	A-B	17.5	17.5	17.5	17.5	Yes

Member Area Loads (BLC 18 : Wind Y Up (Z- Dir))

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
1	N442	N443	N576	N577	Y	A-B	25.2	25.2	25.2	25.2	Yes
2	N178	N109	N598	N456	Y	A-B	25.2	25.2	25.2	25.2	Yes
3	N416	N684	N257	N322	Y	B-C	23.9	23.9	23.9	23.9	Yes
4	N109	N106	N451	N598	Y	A-B	14	14	14	14	Yes
5	N577	N576	N435	N150	Y	A-B	14	14	14	14	Yes
6	N166	N450	N445	N441	Y	A-B	8.4	8.4	8.4	8.4	Yes
7	N150	N435	N168	N445	Y	A-B	8.4	8.4	8.4	8.4	Yes
8	N106	N186	N459	N451	Y	A-B	8.4	8.4	8.4	8.4	Yes
9	N731	N734	N735	N732	Y	A-B	23.9	23.9	23.9	23.9	Yes
10	N692	N789	N695	N790	Y	A-B	17.5	17.5	17.5	17.5	Yes
11	N697	N699	N785	N786	Y	A-B	17.5	17.5	17.5	17.5	Yes
12	N780	N782	N779	N781	Y	A-B	17.5	17.5	17.5	17.5	Yes

Member Area Loads (BLC 19 : Wind Y Min/Dn)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
1	N138	N437	N431	N122	Y	A-B	5	5	5	5	Yes
2	N168	N444	N119	N443	Y	A-B	5	5	5	5	Yes
3	N459	N456	N178	N186	Y	A-B	5	5	5	5	Yes
4	N444	N436	N432	N119	Y	A-B	5	5	5	5	Yes
5	N436	N138	N122	N432	Y	A-B	5	5	5	5	Yes
6	N437	N140	N117	N431	Y	A-B	5	5	5	5	Yes
7	N140	N438	N430	N117	Y	A-B	5	5	5	5	Yes
8	N438	N145	N429	N430	Y	A-B	5	5	5	5	Yes
9	N145	N148	N428	N429	Y	A-B	5	5	5	5	Yes

Member Area Loads (BLC 19 : Wind Y Min/Dn) (Continued)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
10	N439	N445	N442	N427	Y	A-B	5	5	5	5	Yes
11	N445	N441	N166	N450	Y	A-B	5	5	5	5	Yes
12	N148	N439	N427	N428	Y	A-B	5	5	5	5	Yes
13	N416	N684	N257	N322	Y	B-C	-23.9	-23.9	-23.9	-23.9	Yes
14	N731	N734	N735	N732	Y	A-B	-23.9	-23.9	-23.9	-23.9	Yes
15	N692	N789	N695	N790	Y	A-B	-23.9	-23.9	-23.9	-23.9	Yes
16	N697	N699	N785	N786	Y	A-B	-23.9	-23.9	-23.9	-23.9	Yes
17	N780	N782	N779	N781	Y	A-B	-23.9	-23.9	-23.9	-23.9	Yes

Member Area Loads (BLC 20 : Wind Enclosed Int+)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
1	A.1-2.1	A.1-11.9	N443	N442	Z	A-B	5.9	5.9	5.9	5.9	Yes
2	N445	N441	N166	N450	Y	A-B	5.9	5.9	5.9	5.9	Yes
3	F.9-11.9	A.1-11.9	N443	N168	X	A-B	5.9	5.9	5.9	5.9	Yes
4	A.1-1.1	A.1-2.1	N178	N456	Z	A-B	5.9	5.9	5.9	5.9	Yes
5	N166	N450	N186	N459	Z	A-B	5.9	5.9	5.9	5.9	Yes
6	N168	N445	N442	N443	Y	A-B	5.9	5.9	5.9	5.9	Yes
7	N186	N178	N456	N459	Y	A-B	5.9	5.9	5.9	5.9	Yes
8	F.9-11.1	F.9-11.9	N168	N444	Z	A-B	-5.9	-5.9	-5.9	-5.9	Yes
9	N178	N186	N450	N442	X	A-B	-5.9	-5.9	-5.9	-5.9	Yes
10	N679	N460	N444	N375	Z	A-B	-5.9	-5.9	-5.9	-5.9	Yes
11	A.1-1.1	F.6-1.1	N459	N456	X	A-B	-5.9	-5.9	-5.9	-5.9	Yes
12	F.9-1.1	F.9-1.9	N375	N441	Z	A-B	-5.9	-5.9	-5.9	-5.9	Yes
13	F.6-1.1	F.9-1.1	N441	N166	X	A-B	-5.9	-5.9	-5.9	-5.9	Yes

Member Area Loads (BLC 21 : Wind Part Encl Int+)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
1	N166	N450	N186	N459	Z	A-B	18.1	18.1	18.1	18.1	Yes
2	A.1-2.1	A.1-11.9	N443	N442	Z	A-B	18.1	18.1	18.1	18.1	Yes
3	F.9-11.9	A.1-11.9	N443	N168	X	A-B	18.1	18.1	18.1	18.1	Yes
4	N186	N178	N456	N459	Y	A-B	18.1	18.1	18.1	18.1	Yes
5	N445	N441	N166	N450	Y	A-B	18.1	18.1	18.1	18.1	Yes
6	N168	N445	N442	N443	Y	A-B	18.1	18.1	18.1	18.1	Yes
7	A.1-1.1	A.1-2.1	N178	N456	Z	A-B	18.1	18.1	18.1	18.1	Yes
8	N679	N460	N444	N375	Z	A-B	-18.1	-18.1	-18.1	-18.1	Yes
9	F.6-1.1	F.9-1.1	N441	N166	X	A-B	-18.1	-18.1	-18.1	-18.1	Yes
10	F.9-11.1	F.9-11.9	N168	N444	Z	A-B	-18.1	-18.1	-18.1	-18.1	Yes
11	A.1-1.1	F.6-1.1	N459	N456	X	A-B	-18.1	-18.1	-18.1	-18.1	Yes
12	N178	N186	N450	N442	X	A-B	-18.1	-18.1	-18.1	-18.1	Yes
13	F.9-1.1	F.9-1.9	N375	N441	Z	A-B	-18.1	-18.1	-18.1	-18.1	Yes

Member Area Loads (BLC 22 : Wind X Sidewall)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
1	A.1-1.1	A.1-2.1	N178	N456	Z	A-B	19.6	19.6	19.6	19.6	Yes
2	A.1-2.1	A.1-11.9	N443	N442	Z	A-B	19.6	19.6	19.6	19.6	Yes
3	N166	N450	N186	N459	Z	A-B	19.6	19.6	19.6	19.6	Yes
4	N679	N460	N444	N375	Z	A-B	-19.6	-19.6	-19.6	-19.6	Yes
5	F.9-1.9	F.9-1.1	N441	N375	Z	A-B	-19.6	-19.6	-19.6	-19.6	Yes
6	F.9-11.9	F.9-11.1	N444	N168	Z	A-B	-19.6	-19.6	-19.6	-19.6	Yes

Member Area Loads (BLC 23 : Wind Z Sidewall)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
1	A.1-11.9	F.9-11.9	N168	N443	X	A-B	19.6	19.6	19.6	19.6	Yes
2	N186	N178	N442	N450	X	A-B	-19.6	-19.6	-19.6	-19.6	Yes
3	F.9-1.1	F.6-1.1	N166	N441	X	A-B	-19.6	-19.6	-19.6	-19.6	Yes
4	F.6-1.1	A.1-1.1	N456	N459	X	A-B	-19.6	-19.6	-19.6	-19.6	Yes

Member Area Loads (BLC 24 : Wind X+ Torsion)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
1	N116	N174	N456	N453	X	A-B	22.86	22.86	22.86	22.86	Yes
2	N239	N318	N184	N274	X	B-C	22.86	22.86	22.86	22.86	Yes
3	N462	N192	N154	N440	X	A-B	13.56	13.56	13.56	13.56	Yes

Member Area Loads (BLC 24 : Wind X+ Torsion) (Continued)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
4	N192	N464	N442	N154	X	A-B	13.44	13.44	13.44	13.44	Yes
5	N212	N357	N464	N462	X	A-B	12.6	12.6	12.6	12.6	Yes
6	N162	N477	N357	N212	X	A-B	11.88	11.88	11.88	11.88	Yes
7	N426	N178	N477	N162	X	A-B	10.92	10.92	10.92	10.92	Yes
8	D-1.1	A.1-1.1	N456	N453	X	A-B	9.96	9.96	9.96	9.96	Yes
9	A.1-11.9	D-11.9	N128	N443	X	A-B	5.88	5.88	5.88	5.88	Yes
10	A.1-11.9	D-11.9	N128	N443	X	A-B	5.88	5.88	5.88	5.88	Yes
11	D-11.9	F.9-11.9	N168	N128	X	A-B	-5.88	-5.88	-5.88	-5.88	Yes
12	D-11.9	F.9-11.9	N168	N128	X	A-B	-5.88	-5.88	-5.88	-5.88	Yes
13	F.9-1.1	D-1.1	N453	N287	X	A-B	-9.96	-9.96	-9.96	-9.96	Yes
14	N186	N426	N162	N523	X	A-B	-10.92	-10.92	-10.92	-10.92	Yes
15	N287	N459	N529	N248	X	A-B	-10.92	-10.92	-10.92	-10.92	Yes
16	N523	N162	N212	N360	X	A-B	-11.88	-11.88	-11.88	-11.88	Yes
17	N248	N529	N532	N531	X	A-B	-11.88	-11.88	-11.88	-11.88	Yes
18	N360	N212	N462	N476	X	A-B	-12.6	-12.6	-12.6	-12.6	Yes
19	N531	N532	N285	N530	X	A-B	-12.6	-12.6	-12.6	-12.6	Yes
20	N476	N462	N440	N450	X	A-B	-13.56	-13.56	-13.56	-13.56	Yes
21	N530	N285	N166	N441	X	A-B	-13.56	-13.56	-13.56	-13.56	Yes
22	N251	N239	N274	N393	X	B-C	-22.86	-22.86	-22.86	-22.86	Yes
23	N325	N116	N453	N459	X	A-B	-22.86	-22.86	-22.86	-22.86	Yes

Member Area Loads (BLC 25 : Wind X- Torsion)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
1	N325	N116	N453	N459	X	A-B	15.24	15.24	15.24	15.24	Yes
2	N251	N239	N274	N393	X	B-C	15.24	15.24	15.24	15.24	Yes
3	N211	N475	N168	N128	X	A-B	13.56	13.56	13.56	13.56	Yes
4	N595	N350	N475	N211	X	A-B	12.6	12.6	12.6	12.6	Yes
5	N482	N177	N350	N595	X	A-B	11.88	11.88	11.88	11.88	Yes
6	D-11.9	F.9-11.9	N142	N231	X	A-B	9.96	9.96	9.96	9.96	Yes
7	F.9-1.1	F.6-1.1	N166	N441	X	A-B	5.88	5.88	5.88	5.88	Yes
8	F.6-1.1	D-1.1	N453	N459	X	A-B	5.88	5.88	5.88	5.88	Yes
9	N186	N426	N440	N450	X	A-B	5.88	5.88	5.88	5.88	Yes
10	N426	N178	N442	N440	X	A-B	-5.88	-5.88	-5.88	-5.88	Yes
11	D-1.1	A.1-1.1	N456	N453	X	A-B	-5.88	-5.88	-5.88	-5.88	Yes
12	A.1-11.9	D-11.9	N231	N352	X	A-B	-9.96	-9.96	-9.96	-9.96	Yes
13	N231	N142	N177	N482	X	A-B	10.92	10.92	10.92	10.92	Yes
14	N352	N231	N482	N223	X	A-B	-10.92	-10.92	-10.92	-10.92	Yes
15	N223	N482	N595	N574	X	A-B	-11.88	-11.88	-11.88	-11.88	Yes
16	N574	N595	N211	N471	X	A-B	-12.6	-12.6	-12.6	-12.6	Yes
17	N471	N473	N126	N443	X	A-B	-13.44	-13.44	-13.44	-13.44	Yes
18	N473	N211	N128	N126	X	A-B	-13.56	-13.56	-13.56	-13.56	Yes
19	N116	N174	N456	N453	X	A-B	-15.24	-15.24	-15.24	-15.24	Yes
20	N239	N318	N184	N274	X	B-C	-15.24	-15.24	-15.24	-15.24	Yes

Member Area Loads (BLC 26 : Wind Z+ Torsion)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
1	N475	N293	N438	N168	Z	A-B	13.56	13.56	13.56	13.56	Yes
2	N350	N575	N460	N475	Z	A-B	12.6	12.6	12.6	12.6	Yes
3	N177	N127	N575	N350	Z	A-B	11.88	11.88	11.88	11.88	Yes
4	N142	N354	N127	N177	Z	A-B	10.92	10.92	10.92	10.92	Yes
5	F.9-11.9	F.9-11.1	N354	N142	Z	A-B	9.96	9.96	9.96	9.96	Yes
6	A.1-6	A.1-11.9	N443	N430	Z	A-B	8.4	8.4	8.4	8.4	Yes
7	N166	N450	N186	N459	Z	A-B	-8.4	-8.4	-8.4	-8.4	Yes
8	A.1-2.1	A.1-6	N430	N442	Z	A-B	-8.4	-8.4	-8.4	-8.4	Yes
9	A.1-1.1	A.1-2.1	N178	N456	Z	A-B	-8.4	-8.4	-8.4	-8.4	Yes
10	F.9-1.9	F.9-1.1	N287	N407	Z	A-B	-9.96	-9.96	-9.96	-9.96	Yes
11	N407	N287	N248	N289	Z	A-B	-10.92	-10.92	-10.92	-10.92	Yes
12	N289	N248	N531	N681	Z	A-B	-11.88	-11.88	-11.88	-11.88	Yes
13	N681	N531	N530	N679	Z	A-B	-12.6	-12.6	-12.6	-12.6	Yes
14	N293	N530	N441	N438	Z	A-B	-13.56	-13.56	-13.56	-13.56	Yes
15	N335	N174	N456	N178	Z	A-B	-15.24	-15.24	-15.24	-15.24	Yes
16	N251	N393	N607	N609	Z	A-B	-15.24	-15.24	-15.24	-15.24	Yes
17	N318	N184	N225	N292	Z	A-B	-15.24	-15.24	-15.24	-15.24	Yes

Member Area Loads (BLC 27 : Wind Z- Torsion)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
1	N335	N174	N456	N178	Z	A-B	22.86	22.86	22.86	22.86	Yes
2	N285	N476	N450	N166	Z	A-B	13.56	13.56	13.56	13.56	Yes
3	N464	N467	N430	N442	Z	A-B	13.32	13.32	13.32	13.32	Yes
4	N357	N588	N467	N464	Z	A-B	12.6	12.6	12.6	12.6	Yes
5	N532	N360	N476	N285	Z	A-B	12.6	12.6	12.6	12.6	Yes
6	N529	N523	N360	N532	Z	A-B	11.88	11.88	11.88	11.88	Yes
7	N477	N221	N588	N357	Z	A-B	11.88	11.88	11.88	11.88	Yes
8	N523	N529	N459	N186	Z	A-B	10.92	10.92	10.92	10.92	Yes
9	N178	N700	N221	N477	Z	A-B	10.92	10.92	10.92	10.92	Yes
10	A.1-2.1	A.1-6	N700	N178	Z	A-B	9.96	9.96	9.96	9.96	Yes
11	A.1-1.1	A.1-2.1	N178	N456	Z	A-B	9.96	9.96	9.96	9.96	Yes
12	F.9-1.9	F.9-1.1	N441	N375	Z	A-B	8.4	8.4	8.4	8.4	Yes
13	N293	N679	N375	N438	Z	A-B	8.4	8.4	8.4	8.4	Yes
14	N460	N293	N438	N444	Z	A-B	-8.4	-8.4	-8.4	-8.4	Yes
15	F.9-11.9	F.9-11.1	N444	N168	Z	A-B	-8.4	-8.4	-8.4	-8.4	Yes
16	A.1-6	A.1-11.9	N352	N700	Z	A-B	-9.96	-9.96	-9.96	-9.96	Yes
17	N700	N352	N223	N221	Z	A-B	-10.92	-10.92	-10.92	-10.92	Yes
18	N221	N223	N574	N588	Z	A-B	-11.88	-11.88	-11.88	-11.88	Yes
19	N588	N574	N471	N467	Z	A-B	-12.6	-12.6	-12.6	-12.6	Yes
20	N467	N471	N443	N430	Z	A-B	-13.32	-13.32	-13.32	-13.32	Yes
21	N318	N184	N225	N292	Z	A-B	22.86	22.86	22.86	22.86	Yes
22	N251	N393	N607	N609	Z	A-B	22.86	22.86	22.86	22.86	Yes

Member Area Loads (BLC 29 : Wind X+ Min)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
1	N186	N178	N442	N450	X	A-B	16	16	16	16	Yes
2	F.9-1.1	F.6-1.1	N166	N441	X	A-B	16	16	16	16	Yes
3	N325	N174	N456	N459	X	A-B	16	16	16	16	Yes
4	N251	N318	N184	N393	X	B-C	16	16	16	16	Yes
5	F.6-1.1	A.1-1.1	N456	N459	X	A-B	16	16	16	16	Yes

Member Area Loads (BLC 30 : Wind X- Min)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
1	A.1-11.9	F.9-11.9	N168	N443	X	A-B	-16	-16	-16	-16	Yes

Member Area Loads (BLC 31 : Wind Z+ Min)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
1	N318	N292	N225	N184	Z	B-C	16	16	16	16	Yes
2	N251	N609	N607	N393	Z	B-C	16	16	16	16	Yes
3	N335	N174	N456	N178	Z	A-B	16	16	16	16	Yes
4	F.9-1.9	F.9-1.1	N441	N375	Z	A-B	16	16	16	16	Yes
5	N460	N679	N375	N444	Z	A-B	16	16	16	16	Yes
6	F.9-11.9	F.9-11.1	N444	N168	Z	A-B	16	16	16	16	Yes

Member Area Loads (BLC 32 : Wind Z- Min)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
1	N335	N174	N456	N178	Z	A-B	-16	-16	-16	-16	Yes
2	A.1-1.1	A.1-2.1	N178	N456	Z	A-B	-16	-16	-16	-16	Yes
3	A.1-2.1	A.1-11.9	N443	N442	Z	A-B	-16	-16	-16	-16	Yes
4	N166	N450	N186	N459	Z	A-B	-16	-16	-16	-16	Yes
5	N251	N609	N607	N393	Z	B-C	-16	-16	-16	-16	Yes
6	N318	N292	N225	N184	Z	B-C	-16	-16	-16	-16	Yes

Member Area Loads (BLC 35 : Roof Live Load)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
1	N445	N441	N166	N450	Y	A-B	-20	-20	-20	-20	Yes
2	N453	N454	N182	N426	Y	A-B	-20	-20	-20	-20	Yes
3	N454	N455	N458	N182	Y	A-B	-20	-20	-20	-20	Yes
4	N455	N456	N178	N458	Y	A-B	-20	-20	-20	-20	Yes
5	N322	N416	N684	N257	Y	A-B	-20	-20	-20	-20	Yes
6	N451	N452	N457	N106	Y	A-B	-20	-20	-20	-20	Yes

Member Area Loads (BLC 35 : Roof Live Load) (Continued)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [psf]	B Magnitude [psf]	C Magnitude [psf]	D Magnitude [psf]	Exclude Braces
7	N459	N451	N106	N186	Y	A-B	-20	-20	-20	-20	Yes
8	N452	N453	N426	N457	Y	A-B	-20	-20	-20	-20	Yes
9	N168	N445	N442	N443	Y	A-B	-20	-20	-20	-20	Yes
10	N734	N731	N732	N735	Y	A-B	-20	-20	-20	-20	Yes

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Point	Distributed	Area(Member)
1	Dead Framing	DL		-1.15				8
2	Collateral	OL1						3
3	Solar Collateral	OL2						2
4	Dead Walls	DL						13
5	Equipment	DL				2		16
6	Snow - Balance	SLN						13
7	Snow - Drift	SL						21
8	Seismic Wt X	None	-1.15				5	42
9	Seismic Wt Z	None			-1.15		5	42
10	Wind X+	None						13
11	Wind X-	None						11
12	Wind Z+	None						15
13	Wind Z-	None					5	16
14	Wind Door Z+ Encl	None					5	
15	Wind Y Up (X+ Dir)	None						10
16	Wind Y Up (X- Dir)	None						10
17	Wind Y Up (Z+ Dir)	None						12
18	Wind Y Up (Z- Dir)	None						12
19	Wind Y Min/Dn	None						17
20	Wind Enclosed Int+	None					5	13
21	Wind Part Encl Int+	None					1	13
22	Wind X Sidewall	None					5	6
23	Wind Z Sidewall	None						4
24	Wind X+ Torsion	None						23
25	Wind X- Torsion	None						20
26	Wind Z+ Torsion	None						17
27	Wind Z- Torsion	None					6	22
28	Wind Door Z+ Torsion Encl	None					6	
29	Wind X+ Min	None						5
30	Wind X- Min	None						1
31	Wind Z+ Min	None						6
32	Wind Z- Min	None						6
33	Wind Door Z+ Part	None					1	
34	Wind Door Z+ Torsion Part	None					1	
35	Roof Live Load	RLL						10
36	BLC 1 Transient Area Loads	None					730	
37	BLC 2 Transient Area Loads	None					710	
38	BLC 3 Transient Area Loads	None					608	
39	BLC 4 Transient Area Loads	None					939	
40	BLC 5 Transient Area Loads	None					48	
41	BLC 6 Transient Area Loads	None					722	
42	BLC 7 Transient Area Loads	None					114	
43	BLC 8 Transient Area Loads	None					1710	
44	BLC 9 Transient Area Loads	None					1710	
45	BLC 10 Transient Area Loads	None					315	
46	BLC 11 Transient Area Loads	None					326	
47	BLC 12 Transient Area Loads	None					435	
48	BLC 13 Transient Area Loads	None					373	
49	BLC 15 Transient Area Loads	None					802	
50	BLC 16 Transient Area Loads	None					838	
51	BLC 17 Transient Area Loads	None					680	
52	BLC 18 Transient Area Loads	None					724	
53	BLC 19 Transient Area Loads	None					843	
54	BLC 20 Transient Area Loads	None					1613	
55	BLC 21 Transient Area Loads	None					1613	
56	BLC 22 Transient Area Loads	None					481	
57	BLC 23 Transient Area Loads	None					413	
58	BLC 24 Transient Area Loads	None					321	
59	BLC 25 Transient Area Loads	None					332	
60	BLC 26 Transient Area Loads	None					426	
61	BLC 27 Transient Area Loads	None					319	

Moving Loads

	Tag	Pattern	Increment [ft]	Both Ways	1st Node	2nd Node
1	M1	2PERSONFALL	10.66		N427	N511
2	M2	2PERSONFALL	10.66		N428	N512
3	M3	2PERSONFALL	10.67		N429	N513
4	M4	2PERSONFALL	10.67		N430	N514
5	M5	2PERSONFALL	10.67		N117	N515
6	M6	2PERSONFALL	10.67		N431	N516
7	M7	2PERSONFALL	10.67		N122	N517
8	M8	2PERSONFALL	10.67		N432	N518
9	M9	2PERSONFALL	10.67		N119	N519

Moving Load Patterns

	Pattern Label	Magnitude [k]	Direction	Distance [ft]
1	2PERSONFALL	-8	Y	0

Load Combinations

	Description	Solve	P-Delta	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
1	Seismic X			8	0.069														
2	Seismic Z			9	0.069														
3	Wind UP X+ Encl+			15	1			10	1	22	1			20	1				
4	Wind UP X+ Encl-			15	1			10	1	22	1			20	-1				
5	Wind UP X- Encl+			16	1			11	1	22	1			20	1				
6	Wind UP X- Encl-			16	1			11	1	22	1			20	-1				
7	Wind UP Z+ Encl+			17	1			12	1	23	1	14	1	20	1				
8	Wind UP Z+ Encl-			17	1			12	1	23	1	14	1	20	-1				
9	Wind UP Z+ Part+			17	1			12	1	23	1	33	1	21	1				
10	Wind UP Z+ Part-			17	1			12	1	23	1	33	1	21	-1				
11	Wind UP Z- Encl+			18	1			13	1	23	1			20	1				
12	Wind UP Z- Encl-			18	1			13	1	23	1			20	-1				
13	Wind UP 0.75(X+ T+ Encl+)			15	0.75			10	0.75	22	0.75			20	0.75	24	0.75		
14	Wind UP 0.75(X+ T+ Encl-)			15	0.75			10	0.75	22	0.75			20	-0.75	24	0.75		
15	Wind UP 0.75(X+ T- Encl+)			15	0.75			10	0.75	22	0.75			20	0.75	24	-0.75		
16	Wind UP 0.75(X+ T- Encl-)			15	0.75			10	0.75	22	0.75			20	-0.75	24	-0.75		
17	Wind UP 0.75(X- T+ Encl+)			16	0.75			11	0.75	22	0.75			20	0.75	25	0.75		
18	Wind UP 0.75(X- T+ Encl-)			16	0.75			11	0.75	22	0.75			20	-0.75	25	0.75		
19	Wind UP 0.75(X- T- Encl+)			16	0.75			11	0.75	22	0.75			20	0.75	25	-0.75		
20	Wind UP 0.75(X- T- Encl-)			16	0.75			11	0.75	22	0.75			20	-0.75	25	-0.75		
21	Wind UP 0.75(Z+ T+ Encl+)			17	0.75			12	0.75	23	0.75	28	0.75	20	0.75	26	0.75		
22	Wind UP 0.75(Z+ T+ Encl-)			17	0.75			12	0.75	23	0.75	28	0.75	20	-0.75	26	0.75		
23	Wind UP 0.75(Z+ T- Encl+)			17	0.75			12	0.75	23	0.75	28	-0.75	20	0.75	26	-0.75		
24	Wind UP 0.75(Z+ T- Encl-)			17	0.75			12	0.75	23	0.75	28	-0.75	20	-0.75	26	-0.75		
25	Wind UP 0.75(Z+ T+ Part+)			17	0.75			12	0.75	23	0.75	34	0.75	21	0.75	26	0.75		
26	Wind UP 0.75(Z+ T+ Part-)			17	0.75			12	0.75	23	0.75	34	0.75	21	-0.75	26	0.75		
27	Wind UP 0.75(Z+ T- Part+)			17	0.75			12	0.75	23	0.75	34	-0.75	21	0.75	26	-0.75		
28	Wind UP 0.75(Z+ T- Part-)			17	0.75			12	0.75	23	0.75	34	-0.75	21	-0.75	26	-0.75		
29	Wind UP 0.75(Z- T+ Encl+)			18	0.75			13	0.75	23	0.75			20	0.75	27	0.75		
30	Wind UP 0.75(Z- T+ Encl-)			18	0.75			13	0.75	23	0.75			20	-0.75	27	0.75		
31	Wind UP 0.75(Z- T- Encl+)			18	0.75			13	0.75	23	0.75			20	0.75	27	-0.75		
32	Wind UP 0.75(Z- T- Encl-)			18	0.75			13	0.75	23	0.75			20	-0.75	27	-0.75		
33	Wind UP 0.75(X+ Z+ Encl+)			15	0.375	17	0.375	10	0.75	12	0.75	14	0.75	20	0.75				
34	Wind UP 0.75(X+ Z+ Encl-)			15	0.375	17	0.375	10	0.75	12	0.75	14	0.75	20	-0.75				
35	Wind UP 0.75(X+ Z+ Part+)			15	0.375	17	0.375	10	0.75	12	0.75	33	0.75	21	0.75				
36	Wind UP 0.75(X+ Z+ Part-)			15	0.375	17	0.375	10	0.75	12	0.75	33	0.75	21	-0.75				
37	Wind UP 0.75(X+ Z- Encl+)			15	0.375	18	0.375	10	0.75	13	0.75			20	0.75				
38	Wind UP 0.75(X+ Z- Encl-)			15	0.375	18	0.375	10	0.75	13	0.75			20	-0.75				
39	Wind UP 0.75(X- Z+ Encl+)			16	0.375	17	0.375	11	0.75	12	0.75	14	0.75	20	0.75				
40	Wind UP 0.75(X- Z+ Encl-)			16	0.375	17	0.375	11	0.75	12	0.75	14	0.75	20	-0.75				
41	Wind UP 0.75(X- Z+ Part+)			16	0.375	17	0.375	11	0.75	12	0.75	33	0.75	21	0.75				
42	Wind UP 0.75(X- Z+ Part-)			16	0.375	17	0.375	11	0.75	12	0.75	33	0.75	21	-0.75				
43	Wind UP 0.75(X- Z- Encl+)			16	0.375	18	0.375	11	0.75	13	0.75			20	0.75				
44	Wind UP 0.75(X- Z- Encl-)			16	0.375	18	0.375	11	0.75	13	0.75			20	-0.75				
45	Wind UP 0.563(X+ T+ Z+ T- Encl+)			15	0.281	17	0.281	10	0.563	12	0.563	28	-0.563	20	0.563	24	0.563	26	-0.563
46	Wind UP 0.563(X+ T+ Z+ T- Encl-)			15	0.281	17	0.281	10	0.563	12	0.563	28	-0.563	20	-0.563	24	0.563	26	-0.563
47	Wind UP 0.563(X+ T- Z+ T+ Encl+)			15	0.281	17	0.281	10	0.563	12	0.563	28	0.563	20	0.563	24	-0.563	26	0.563
48	Wind UP 0.563(X+ T- Z+ T+ Encl-)			15	0.281	17	0.281	10	0.563	12	0.563	28	0.563	20	-0.563	24	-0.563	26	0.563
49	Wind UP 0.563(X+ T+ Z+ T- Part+)			15	0.281	17	0.281	10	0.563	12	0.563	34	-0.563	21	0.563	24	0.563	26	-0.563

Load Combinations (Continued)

	Description	Solve	P-Delta	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
50	Wind UP 0.563(X+ T+ Z+ T- Part-)			15	0.281	17	0.281	10	0.563	12	0.563	34	-0.563	21	-0.563	24	0.563	26	-0.563
51	Wind UP 0.563(X+ T- Z+ T+ Part+)			15	0.281	17	0.281	10	0.563	12	0.563	34	0.563	21	0.563	24	-0.563	26	0.563
52	Wind UP 0.563(X+ T- Z+ T+ Part-)			15	0.281	17	0.281	10	0.563	12	0.563	34	0.563	21	-0.563	24	-0.563	26	0.563
53	Wind UP 0.563(X+ T+ Z- T- Encl+)			15	0.281	18	0.281	10	0.563	13	0.563			20	0.563	24	0.563	26	-0.563
54	Wind UP 0.563(X+ T+ Z- T- Encl-)			15	0.281	18	0.281	10	0.563	13	0.563			20	-0.563	24	0.563	26	-0.563
55	Wind UP 0.563(X+ T- Z- T+ Encl+)			15	0.281	18	0.281	10	0.563	13	0.563			20	0.563	24	-0.563	26	0.563
56	Wind UP 0.563(X+ T- Z- T+ Encl-)			15	0.281	18	0.281	10	0.563	13	0.563			20	-0.563	24	-0.563	26	0.563
57	Wind UP 0.563(X- T+ Z+ T- Encl+)			16	0.281	17	0.281	11	0.563	12	0.563	28	-0.563	20	0.563	25	0.563	27	-0.563
58	Wind UP 0.563(X- T+ Z+ T- Encl-)			16	0.281	17	0.281	11	0.563	12	0.563	28	-0.563	20	-0.563	25	0.563	27	-0.563
59	Wind UP 0.563(X- T- Z+ T+ Encl+)			16	0.281	17	0.281	11	0.563	12	0.563	28	0.563	20	0.563	25	-0.563	27	0.563
60	Wind UP 0.563(X- T- Z+ T+ Encl-)			16	0.281	17	0.281	11	0.563	12	0.563	28	0.563	20	-0.563	25	-0.563	27	0.563
61	Wind UP 0.563(X- T+ Z+ T- Part+)			16	0.281	17	0.281	11	0.563	12	0.563	34	-0.563	21	0.563	25	0.563	27	-0.563
62	Wind UP 0.563(X- T+ Z+ T- Part-)			16	0.281	17	0.281	11	0.563	12	0.563	34	-0.563	21	-0.563	25	0.563	27	-0.563
63	Wind UP 0.563(X- T- Z+ T+ Part+)			16	0.281	17	0.281	11	0.563	12	0.563	34	0.563	21	0.563	25	-0.563	27	0.563
64	Wind UP 0.563(X- T- Z+ T+ Part-)			16	0.281	17	0.281	11	0.563	12	0.563	34	0.563	21	-0.563	25	-0.563	27	0.563
65	Wind UP 0.563(X- T+ Z- T- Encl+)			16	0.281	18	0.281	11	0.563	13	0.563			20	0.563	25	0.563	27	-0.563
66	Wind UP 0.563(X- T+ Z- T- Encl-)			16	0.281	18	0.281	11	0.563	13	0.563			20	-0.563	25	0.563	27	-0.563
67	Wind UP 0.563(X- T- Z- T+ Encl+)			16	0.281	18	0.281	11	0.563	13	0.563			20	0.563	25	-0.563	27	0.563
68	Wind UP 0.563(X- T- Z- T+ Encl-)			16	0.281	18	0.281	11	0.563	13	0.563			20	-0.563	25	-0.563	27	0.563
69	Wind DN X+ Encl+			19	1			10	1	22	1			20	1				
70	Wind DN X+ Encl-			19	1			10	1	22	1			20	-1				
71	Wind DN X- Encl+			19	1			11	1	22	1			20	1				
72	Wind DN X- Encl-			19	1			11	1	22	1			20	-1				
73	Wind DN Z+ Encl+			19	1			12	1	23	1	14	1	20	1				
74	Wind DN Z+ Encl-			19	1			12	1	23	1	14	1	20	-1				
75	Wind DN Z+ Part+			19	1			12	1	23	1	33	1	21	1				
76	Wind DN Z+ Part-			19	1			12	1	23	1	33	1	21	-1				
77	Wind DN Z- Encl+			19	1			13	1	23	1			20	1				
78	Wind DN Z- Encl-			19	1			13	1	23	1			20	-1				
79	Wind DN 0.75(X+ T+ Encl+)			19	0.75			10	0.75	22	0.75			20	0.75	24	0.75		
80	Wind DN 0.75(X+ T+ Encl-)			19	0.75			10	0.75	22	0.75			20	-0.75	24	0.75		
81	Wind DN 0.75(X+ T- Encl+)			19	0.75			10	0.75	22	0.75			20	0.75	24	-0.75		
82	Wind DN 0.75(X+ T- Encl-)			19	0.75			10	0.75	22	0.75			20	-0.75	24	-0.75		
83	Wind DN 0.75(X- T+ Encl+)			19	0.75			11	0.75	22	0.75			20	0.75	25	0.75		
84	Wind DN 0.75(X- T+ Encl-)			19	0.75			11	0.75	22	0.75			20	-0.75	25	0.75		
85	Wind DN 0.75(X- T- Encl+)			19	0.75			11	0.75	22	0.75			20	0.75	25	-0.75		
86	Wind DN 0.75(X- T- Encl-)			19	0.75			11	0.75	22	0.75			20	-0.75	25	-0.75		
87	Wind DN 0.75(Z+ T+ Encl+)			19	0.75			12	0.75	23	0.75	28	0.75	20	0.75	26	0.75		
88	Wind DN 0.75(Z+ T+ Encl-)			19	0.75			12	0.75	23	0.75	28	0.75	20	-0.75	26	0.75		
89	Wind DN 0.75(Z+ T- Encl+)			19	0.75			12	0.75	23	0.75	28	-0.75	20	0.75	26	-0.75		
90	Wind DN 0.75(Z+ T- Encl-)			19	0.75			12	0.75	23	0.75	28	-0.75	20	-0.75	26	-0.75		
91	Wind DN 0.75(Z+ T+ Part+)			19	0.75			12	0.75	23	0.75	34	0.75	21	0.75	26	0.75		
92	Wind DN 0.75(Z+ T+ Part-)			19	0.75			12	0.75	23	0.75	34	0.75	21	-0.75	26	0.75		
93	Wind DN 0.75(Z+ T- Part+)			19	0.75			12	0.75	23	0.75	34	-0.75	21	0.75	26	-0.75		
94	Wind DN 0.75(Z+ T- Part-)			19	0.75			12	0.75	23	0.75	34	-0.75	21	-0.75	26	-0.75		
95	Wind DN 0.75(Z- T+ Encl+)			19	0.75			13	0.75	23	0.75			20	0.75	27	0.75		
96	Wind DN 0.75(Z- T+ Encl-)			19	0.75			13	0.75	23	0.75			20	-0.75	27	0.75		
97	Wind DN 0.75(Z- T- Encl+)			19	0.75			13	0.75	23	0.75			20	0.75	27	-0.75		
98	Wind DN 0.75(Z- T- Encl-)			19	0.75			13	0.75	23	0.75			20	-0.75	27	-0.75		
99	Wind DN 0.75(X+ Z+ Encl+)			19	0.75			10	0.75	12	0.75	14	0.75	20	0.75				
100	Wind DN 0.75(X+ Z+ Encl-)			19	0.75			10	0.75	12	0.75	14	0.75	20	-0.75				
101	Wind DN 0.75(X+ Z+ Part+)			19	0.75			10	0.75	12	0.75	33	0.75	21	0.75				
102	Wind DN 0.75(X+ Z+ Part-)			19	0.75			10	0.75	12	0.75	33	0.75	21	-0.75				
103	Wind DN 0.75(X+ Z- Encl+)			19	0.75			10	0.75	13	0.75			20	0.75				
104	Wind DN 0.75(X+ Z- Encl-)			19	0.75			10	0.75	13	0.75			20	-0.75				
105	Wind DN 0.75(X- Z+ Encl+)			19	0.75			11	0.75	12	0.75	14	0.75	20	0.75				
106	Wind DN 0.75(X- Z+ Encl-)			19	0.75			11	0.75	12	0.75	14	0.75	20	-0.75				
107	Wind DN 0.75(X- Z+ Part+)			19	0.75			11	0.75	12	0.75	33	0.75	21	0.75				
108	Wind DN 0.75(X- Z+ Part-)			19	0.75			11	0.75	12	0.75	33	0.75	21	-0.75				
109	Wind DN 0.75(X- Z- Encl+)			19	0.75			11	0.75	13	0.75			20	0.75				
110	Wind DN 0.75(X- Z- Encl-)			19	0.75			11	0.75	13	0.75			20	-0.75				
111	Wind DN 0.563(X+ T+ Z+ T- Encl+)			19	0.563			10	0.563	12	0.563	28	-0.563	20	0.563	24	0.563	26	-0.563
112	Wind DN 0.563(X+ T+ Z+ T- Encl-)			19	0.563			10	0.563	12	0.563	28	-0.563	20	-0.563	24	0.563	26	-0.563
113	Wind DN 0.563(X+ T- Z+ T+ Encl+)			19	0.563			10	0.563	12	0.563	28	0.563	20	0.563	24	-0.563	26	0.563
114	Wind DN 0.563(X+ T- Z+ T+ Encl-)			19	0.563			10	0.563	12	0.563	28	0.563	20	-0.563	24	-0.563	26	0.563
115	Wind DN 0.563(X+ T+ Z+ T- Part+)			19	0.563			10	0.563	12	0.563	34	-0.563	21	0.563	24	0.563	26	-0.563
116	Wind DN 0.563(X+ T+ Z+ T- Part-)			19	0.563			10	0.563	12	0.563	34	-0.563	21	-0.563	24	0.563	26	-0.563
117	Wind DN 0.563(X+ T- Z+ T+ Part+)			19	0.563			10	0.563	12	0.563	34	0.563	21	0.563	24	-0.563	26	0.563

Load Combinations (Continued)

	Description	Solve	P-Delta	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
118	Wind DN 0.563(X+ T- Z+ T+ Part-)			19	0.563			10	0.563	12	0.563	34	0.563	21	-0.563	24	-0.563	26	0.563
119	Wind DN 0.563(X+ T+ Z- T- Encl+)			19	0.563			10	0.563	13	0.563			20	0.563	24	0.563	26	-0.563
120	Wind DN 0.563(X+ T+ Z- T- Encl-)			19	0.563			10	0.563	13	0.563			20	-0.563	24	0.563	26	-0.563
121	Wind DN 0.563(X+ T- Z- T+ Encl+)			19	0.563			10	0.563	13	0.563			20	0.563	24	-0.563	26	0.563
122	Wind DN 0.563(X+ T- Z- T+ Encl-)			19	0.563			10	0.563	13	0.563			20	-0.563	24	-0.563	26	0.563
123	Wind DN 0.563(X- T+ Z+ T- Encl+)			19	0.563			11	0.563	12	0.563	28	-0.563	20	0.563	25	0.563	27	-0.563
124	Wind DN 0.563(X- T+ Z+ T- Encl-)			19	0.563			11	0.563	12	0.563	28	-0.563	20	-0.563	25	0.563	27	-0.563
125	Wind DN 0.563(X- T- Z+ T+ Encl+)			19	0.563			11	0.563	12	0.563	28	0.563	20	0.563	25	-0.563	27	0.563
126	Wind DN 0.563(X- T- Z+ T+ Encl-)			19	0.563			11	0.563	12	0.563	28	0.563	20	-0.563	25	-0.563	27	0.563
127	Wind DN 0.563(X- T+ Z+ T- Part+)			19	0.563			11	0.563	12	0.563	34	-0.563	21	0.563	25	0.563	27	-0.563
128	Wind DN 0.563(X- T+ Z+ T- Part-)			19	0.563			11	0.563	12	0.563	34	-0.563	21	-0.563	25	0.563	27	-0.563
129	Wind DN 0.563(X- T- Z+ T+ Part+)			19	0.563			11	0.563	12	0.563	34	0.563	21	0.563	25	-0.563	27	0.563
130	Wind DN 0.563(X- T- Z+ T+ Part-)			19	0.563			11	0.563	12	0.563	34	0.563	21	-0.563	25	-0.563	27	0.563
131	Wind DN 0.563(X- T+ Z- T- Encl+)			19	0.563			11	0.563	13	0.563			20	0.563	25	0.563	27	-0.563
132	Wind DN 0.563(X- T+ Z- T- Encl-)			19	0.563			11	0.563	13	0.563			20	-0.563	25	0.563	27	-0.563
133	Wind DN 0.563(X- T- Z- T+ Encl+)			19	0.563			11	0.563	13	0.563			20	0.563	25	-0.563	27	0.563
134	Wind DN 0.563(X- T- Z- T+ Encl-)			19	0.563			11	0.563	13	0.563			20	-0.563	25	-0.563	27	0.563
135	Total Dead Load			DL	1	OL1	1	OL2	1										
136																			
137	ASCE 7-16 Deflection Combinations																		
138	1. D		Y	L135	1														
139	2. (S Bal + Drift)		Y			SL	1	SLN	1										
140	3. D+(S Bal + Drift)		Y	L135	1	SL	1	SLN	1										
141																			
142	ASCE 7-16 ASD Load Combinations																		
143	1. D	Yes	Y	L135	1														
144	3. D+(S Bal + Drift)	Yes	Y	L135	1	SL	1	SLN	1										
145	5. D+(0.6W DN)	Yes	Y	L135	1	L69	0.6												
146		Yes	Y	L135	1	L70	0.6												
147		Yes	Y	L135	1	L71	0.6												
148		Yes	Y	L135	1	L72	0.6												
149		Yes	Y	L135	1	L73	0.6												
150		Yes	Y	L135	1	L74	0.6												
151		Yes	Y	L135	1	L75	0.6												
152		Yes	Y	L135	1	L76	0.6												
153		Yes	Y	L135	1	L77	0.6												
154		Yes	Y	L135	1	L78	0.6												
155		Yes	Y	L135	1	L79	0.6												
156		Yes	Y	L135	1	L80	0.6												
157		Yes	Y	L135	1	L81	0.6												
158		Yes	Y	L135	1	L82	0.6												
159		Yes	Y	L135	1	L83	0.6												
160		Yes	Y	L135	1	L84	0.6												
161		Yes	Y	L135	1	L85	0.6												
162		Yes	Y	L135	1	L86	0.6												
163		Yes	Y	L135	1	L87	0.6												
164		Yes	Y	L135	1	L88	0.6												
165		Yes	Y	L135	1	L89	0.6												
166		Yes	Y	L135	1	L90	0.6												
167		Yes	Y	L135	1	L91	0.6												
168		Yes	Y	L135	1	L92	0.6												
169		Yes	Y	L135	1	L93	0.6												
170		Yes	Y	L135	1	L94	0.6												
171		Yes	Y	L135	1	L95	0.6												
172		Yes	Y	L135	1	L96	0.6												
173		Yes	Y	L135	1	L97	0.6												
174		Yes	Y	L135	1	L98	0.6												
175		Yes	Y	L135	1	L99	0.6												
176		Yes	Y	L135	1	L100	0.6												
177		Yes	Y	L135	1	L101	0.6												
178		Yes	Y	L135	1	L102	0.6												
179		Yes	Y	L135	1	L103	0.6												
180		Yes	Y	L135	1	L104	0.6												
181		Yes	Y	L135	1	L105	0.6												
182		Yes	Y	L135	1	L106	0.6												
183		Yes	Y	L135	1	L107	0.6												
184		Yes	Y	L135	1	L108	0.6												
185		Yes	Y	L135	1	L109	0.6												

Load Combinations (Continued)

	Description	Solve	P-Delta	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
186		Yes	Y	L135	1	L110	0.6												
187		Yes	Y	L135	1	L111	0.6												
188		Yes	Y	L135	1	L112	0.6												
189		Yes	Y	L135	1	L113	0.6												
190		Yes	Y	L135	1	L114	0.6												
191		Yes	Y	L135	1	L115	0.6												
192		Yes	Y	L135	1	L116	0.6												
193		Yes	Y	L135	1	L117	0.6												
194		Yes	Y	L135	1	L118	0.6												
195		Yes	Y	L135	1	L119	0.6												
196		Yes	Y	L135	1	L120	0.6												
197		Yes	Y	L135	1	L121	0.6												
198		Yes	Y	L135	1	L122	0.6												
199		Yes	Y	L135	1	L123	0.6												
200		Yes	Y	L135	1	L124	0.6												
201		Yes	Y	L135	1	L125	0.6												
202		Yes	Y	L135	1	L126	0.6												
203		Yes	Y	L135	1	L127	0.6												
204		Yes	Y	L135	1	L128	0.6												
205		Yes	Y	L135	1	L129	0.6												
206		Yes	Y	L135	1	L130	0.6												
207		Yes	Y	L135	1	L131	0.6												
208		Yes	Y	L135	1	L132	0.6												
209		Yes	Y	L135	1	L133	0.6												
210		Yes	Y	L135	1	L134	0.6												
211	6. D+0.75(0.6W DN)+0.75(S Bal)	Yes	Y	L135	1	L69	0.45	SLN	0.75										
212		Yes	Y	L135	1	L70	0.45	SLN	0.75										
213		Yes	Y	L135	1	L71	0.45	SLN	0.75										
214		Yes	Y	L135	1	L72	0.45	SLN	0.75										
215		Yes	Y	L135	1	L73	0.45	SLN	0.75										
216		Yes	Y	L135	1	L74	0.45	SLN	0.75										
217		Yes	Y	L135	1	L75	0.45	SLN	0.75										
218		Yes	Y	L135	1	L76	0.45	SLN	0.75										
219		Yes	Y	L135	1	L77	0.45	SLN	0.75										
220		Yes	Y	L135	1	L78	0.45	SLN	0.75										
221		Yes	Y	L135	1	L79	0.45	SLN	0.75										
222		Yes	Y	L135	1	L80	0.45	SLN	0.75										
223		Yes	Y	L135	1	L81	0.45	SLN	0.75										
224		Yes	Y	L135	1	L82	0.45	SLN	0.75										
225		Yes	Y	L135	1	L83	0.45	SLN	0.75										
226		Yes	Y	L135	1	L84	0.45	SLN	0.75										
227		Yes	Y	L135	1	L85	0.45	SLN	0.75										
228		Yes	Y	L135	1	L86	0.45	SLN	0.75										
229		Yes	Y	L135	1	L87	0.45	SLN	0.75										
230		Yes	Y	L135	1	L88	0.45	SLN	0.75										
231		Yes	Y	L135	1	L89	0.45	SLN	0.75										
232		Yes	Y	L135	1	L90	0.45	SLN	0.75										
233		Yes	Y	L135	1	L91	0.45	SLN	0.75										
234		Yes	Y	L135	1	L92	0.45	SLN	0.75										
235		Yes	Y	L135	1	L93	0.45	SLN	0.75										
236		Yes	Y	L135	1	L94	0.45	SLN	0.75										
237		Yes	Y	L135	1	L95	0.45	SLN	0.75										
238		Yes	Y	L135	1	L96	0.45	SLN	0.75										
239		Yes	Y	L135	1	L97	0.45	SLN	0.75										
240		Yes	Y	L135	1	L98	0.45	SLN	0.75										
241		Yes	Y	L135	1	L99	0.45	SLN	0.75										
242		Yes	Y	L135	1	L100	0.45	SLN	0.75										
243		Yes	Y	L135	1	L101	0.45	SLN	0.75										
244		Yes	Y	L135	1	L102	0.45	SLN	0.75										
245		Yes	Y	L135	1	L103	0.45	SLN	0.75										
246		Yes	Y	L135	1	L104	0.45	SLN	0.75										
247		Yes	Y	L135	1	L105	0.45	SLN	0.75										
248		Yes	Y	L135	1	L106	0.45	SLN	0.75										
249		Yes	Y	L135	1	L107	0.45	SLN	0.75										
250		Yes	Y	L135	1	L108	0.45	SLN	0.75										
251		Yes	Y	L135	1	L109	0.45	SLN	0.75										
252		Yes	Y	L135	1	L110	0.45	SLN	0.75										
253		Yes	Y	L135	1	L111	0.45	SLN	0.75										

PMA Engineering

Company : PMA Engineering
Designer : FHS
Job Number : P24054
Model Name : SWF Hangar

6/25/2024
9:04:04 AM
Checked By : ZRR/KNK

Load Combinations (Continued)

	Description	Solve	P-Delta	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
254		Yes	Y	L135	1	L112	0.45	SLN	0.75										
255		Yes	Y	L135	1	L113	0.45	SLN	0.75										
256		Yes	Y	L135	1	L114	0.45	SLN	0.75										
257		Yes	Y	L135	1	L115	0.45	SLN	0.75										
258		Yes	Y	L135	1	L116	0.45	SLN	0.75										
259		Yes	Y	L135	1	L117	0.45	SLN	0.75										
260		Yes	Y	L135	1	L118	0.45	SLN	0.75										
261		Yes	Y	L135	1	L119	0.45	SLN	0.75										
262		Yes	Y	L135	1	L120	0.45	SLN	0.75										
263		Yes	Y	L135	1	L121	0.45	SLN	0.75										
264		Yes	Y	L135	1	L122	0.45	SLN	0.75										
265		Yes	Y	L135	1	L123	0.45	SLN	0.75										
266		Yes	Y	L135	1	L124	0.45	SLN	0.75										
267		Yes	Y	L135	1	L125	0.45	SLN	0.75										
268		Yes	Y	L135	1	L126	0.45	SLN	0.75										
269		Yes	Y	L135	1	L127	0.45	SLN	0.75										
270		Yes	Y	L135	1	L128	0.45	SLN	0.75										
271		Yes	Y	L135	1	L129	0.45	SLN	0.75										
272		Yes	Y	L135	1	L130	0.45	SLN	0.75										
273		Yes	Y	L135	1	L131	0.45	SLN	0.75										
274		Yes	Y	L135	1	L132	0.45	SLN	0.75										
275		Yes	Y	L135	1	L133	0.45	SLN	0.75										
276		Yes	Y	L135	1	L134	0.45	SLN	0.75										
277	7. 0.6D+(0.6W UP)	Yes	Y	L135	0.6	L3	0.6												
278		Yes	Y	L135	0.6	L4	0.6												
279		Yes	Y	L135	0.6	L5	0.6												
280		Yes	Y	L135	0.6	L6	0.6												
281		Yes	Y	L135	0.6	L7	0.6												
282		Yes	Y	L135	0.6	L8	0.6												
283		Yes	Y	L135	0.6	L9	0.6												
284		Yes	Y	L135	0.6	L10	0.6												
285		Yes	Y	L135	0.6	L11	0.6												
286		Yes	Y	L135	0.6	L12	0.6												
287		Yes	Y	L135	0.6	L13	0.6												
288		Yes	Y	L135	0.6	L14	0.6												
289		Yes	Y	L135	0.6	L15	0.6												
290		Yes	Y	L135	0.6	L16	0.6												
291		Yes	Y	L135	0.6	L17	0.6												
292		Yes	Y	L135	0.6	L18	0.6												
293		Yes	Y	L135	0.6	L19	0.6												
294		Yes	Y	L135	0.6	L20	0.6												
295		Yes	Y	L135	0.6	L21	0.6												
296		Yes	Y	L135	0.6	L22	0.6												
297		Yes	Y	L135	0.6	L23	0.6												
298		Yes	Y	L135	0.6	L24	0.6												
299		Yes	Y	L135	0.6	L25	0.6												
300		Yes	Y	L135	0.6	L26	0.6												
301		Yes	Y	L135	0.6	L27	0.6												
302		Yes	Y	L135	0.6	L28	0.6												
303		Yes	Y	L135	0.6	L29	0.6												
304		Yes	Y	L135	0.6	L30	0.6												
305		Yes	Y	L135	0.6	L31	0.6												
306		Yes	Y	L135	0.6	L32	0.6												
307		Yes	Y	L135	0.6	L33	0.6												
308		Yes	Y	L135	0.6	L34	0.6												
309		Yes	Y	L135	0.6	L35	0.6												
310		Yes	Y	L135	0.6	L36	0.6												
311		Yes	Y	L135	0.6	L37	0.6												
312		Yes	Y	L135	0.6	L38	0.6												
313		Yes	Y	L135	0.6	L39	0.6												
314		Yes	Y	L135	0.6	L40	0.6												
315		Yes	Y	L135	0.6	L41	0.6												
316		Yes	Y	L135	0.6	L42	0.6												
317		Yes	Y	L135	0.6	L43	0.6												
318		Yes	Y	L135	0.6	L44	0.6												
319		Yes	Y	L135	0.6	L45	0.6												
320		Yes	Y	L135	0.6	L46	0.6												
321		Yes	Y	L135	0.6	L47	0.6												

Load Combinations (Continued)

	Description	Solve	P-Delta	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
322		Yes	Y	L135	0.6	L48	0.6												
323		Yes	Y	L135	0.6	L49	0.6												
324		Yes	Y	L135	0.6	L50	0.6												
325		Yes	Y	L135	0.6	L51	0.6												
326		Yes	Y	L135	0.6	L52	0.6												
327		Yes	Y	L135	0.6	L53	0.6												
328		Yes	Y	L135	0.6	L54	0.6												
329		Yes	Y	L135	0.6	L55	0.6												
330		Yes	Y	L135	0.6	L56	0.6												
331		Yes	Y	L135	0.6	L57	0.6												
332		Yes	Y	L135	0.6	L58	0.6												
333		Yes	Y	L135	0.6	L59	0.6												
334		Yes	Y	L135	0.6	L60	0.6												
335		Yes	Y	L135	0.6	L61	0.6												
336		Yes	Y	L135	0.6	L62	0.6												
337		Yes	Y	L135	0.6	L63	0.6												
338		Yes	Y	L135	0.6	L64	0.6												
339		Yes	Y	L135	0.6	L65	0.6												
340		Yes	Y	L135	0.6	L66	0.6												
341		Yes	Y	L135	0.6	L67	0.6												
342		Yes	Y	L135	0.6	L68	0.6												
343		Yes	Y	L135	0.6	L69	0.6												
344	8. D+(0.7E)	Yes	Y	L135	1	L1	0.7												
345		Yes	Y	L135	1	L1	-0.7												
346		Yes	Y	L135	1	L2	0.7												
347		Yes	Y	L135	1	L2	-0.7												
348	9. D+0.75(0.7E)+0.75(S Bal)	Yes	Y	L135	1	L1	0.525	SLN	0.75										
349		Yes	Y	L135	1	L1	-0.525	SLN	0.75										
350		Yes	Y	L135	1	L2	0.525	SLN	0.75										
351		Yes	Y	L135	1	L2	-0.525	SLN	0.75										
352	10. 0.6D+(0.7E)	Yes	Y	L135	0.6	L1	0.7												
353		Yes	Y	L135	0.6	L1	-0.7												
354		Yes	Y	L135	0.6	L2	0.7												
355		Yes	Y	L135	0.6	L2	-0.7												
356	Fall Protection	Yes	Y	L135	1	M1	1												
357		Yes	Y	L135	1	M2	1												
358		Yes	Y	L135	1	M3	1												
359		Yes	Y	L135	1	M4	1												
360		Yes	Y	L135	1	M5	1												
361		Yes	Y	L135	1	M6	1												
362		Yes	Y	L135	1	M7	1												
363		Yes	Y	L135	1	M8	1												
364		Yes	Y	L135	1	M9	1												
365																			
366	Reaction Combinations																		
367	1. Dead Load		Y	DL	1														
368	2. Collateral		Y	OL1	1														
369			Y	OL1	1	OL2	1												
370	3. Roof Live Load		Y	RLL	1														
371			Y	M1	1														
372			Y	M2	1														
373			Y	M3	1														
374			Y	M4	1														
375			Y	M5	1														
376			Y	M6	1														
377			Y	M7	1														
378			Y	M8	1														
379			Y	M9	1														
380	4. Snow Load		Y	SLN	1														
381			Y	SLN	1	SL	1												
382	5. Wind +WXc		Y	10	0.6	15	0.6	22	0.6										
383			Y	10	0.6	19	0.6	22	0.6										
384			Y	29	0.6														
385	6. Wind -WXc		Y	11	0.6	16	0.6	22	0.6										
386			Y	11	0.6	19	0.6	22	0.6										
387			Y	30	0.6														
388	7. Wind +WZc		Y	12	0.6	17	0.6	23	0.6	14	0.6								
389			Y	12	0.6	17	0.6	23	0.6	33	0.6								

Load Combinations (Continued)

	Description	Solve	P-Delta	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
390			Y	31	0.6														
391	8. Wind +WZo		Y	12	0.6	19	0.6	23	0.6	14	0.6								
392			Y	12	0.6	19	0.6	23	0.6	33	0.6								
393	9. Wind -WZc		Y	13	0.6	18	0.6	23	0.6										
394			Y	13	0.6	19	0.6	23	0.6										
395			Y	32	0.6														
396	10. Wind WXc ECC		Y	24	0.6														
397			Y	24	-0.6														
398			Y	25	0.6														
399			Y	25	-0.6														
400	11. Wind WZc ECC		Y	26	0.6	28	0.6												
401			Y	26	-0.6	28	-0.6												
402			Y	27	0.6														
403			Y	27	-0.6														
404	11. Wind WZo ECC		Y	26	0.6	34	0.6												
405			Y	26	-0.6	34	-0.6												
406	13. Wind WIc		Y	20	0.6														
407			Y	20	-0.6														
408	14. Wind WIo		Y	21	0.6														
409			Y	21	-0.6														
410	15. Seisic EX		Y	L1	0.7														
411			Y	L1	-0.7														
412	16. Seisic EZ		Y	L2	0.7														
413			Y	L2	-0.7														

Envelope AISC 15TH (360-16): ASD Member Steel Code Checks

	Member	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc[ft]	Dir	LC	Pnc/om [k]	Pnt/om [k]	Mnyy/om [k-in]	Mnzz/om [k-in]	Cb	Eqn
1	BM10	BU60X12-20-6	0.921	32.167	218	0.76	0	y	144	462.525	1698.166	3030.648	34253.552	1	H1-1b
2	BM11	BU60X13-16-5	0.958	32.167	244	0.728	8.377	y	218	444.831	1452.263	2829.42	28971.28	1	H1-1b
3	BM12	BU60X14-16-5	0.939	32.167	218	0.836	0	y	144	538.083	1518.132	3274.031	30874.331	1	H1-1b
4	BM13	BU60X14-16-5	0.953	32.167	218	0.829	0	y	212	538.083	1518.132	3274.031	30874.331	1	H1-1b
5	BM14	BU60X12-20-6	0.931	32.167	218	0.729	0	y	244	462.525	1698.166	3030.648	34253.552	1	H1-1b
6	BM15	BU60X10-16-5	0.958	32.167	250	0.577	0	y	250	207.644	1254.659	1693.193	23268.623	1	H1-1b
7	BM16	W18X46	0.86	16.397	144	0.253	29.15	y	144	91.74	404.192	350.299	2664.284	1	H1-1b
8	BM17	W18X40	0.801	16.397	144	0.234	29.15	y	144	23.462	353.293	299.401	2293.435	1	H1-1b
9	BM18	BU60X14-16-5	0.927	0	218	0.819	32.167	y	218	538.083	1518.132	3274.031	30874.331	1	H1-1b
10	BM19	W14X22	0.583	14.844	208	0.133	25	z	156	11.691	194.311	131.437	239.254	1.468	H1-1b
11	BM20	BU60X14-16-5	0.95	27.515	250	0.325	0	y	250	538.083	1518.132	3274.031	30874.331	1	H1-1b
12	BM21	BU60X15-24-5	0.935	27.515	218	0.448	0	y	218	968.189	2067.737	5603.319	46205.866	1	H1-1b
13	BM22	BU60X12-20-5	0.917	0	218	0.821	32.167	y	218	458.668	1578.862	3010.157	32462.032	1	H1-1b
14	BM24	BU60X14-24-5	0.952	27.515	218	0.47	0	y	218	834.517	1968.934	4887.002	43392.68	1	H1-1b
15	BM25	BU60X14-24-5	0.936	27.515	218	0.454	0	y	218	834.517	1968.934	4887.002	43392.68	1	H1-1b
16	BM27	BU60X14-24-5	0.938	27.515	218	0.462	0	y	218	834.517	1968.934	4887.002	43392.68	1	H1-1b
17	BM30	W14X22	0.398	21.354	174	0.124	25	z	144	11.691	194.311	131.437	200.662	1.232	H1-1b
18	BM31	W14X22	0.565	14.844	156	0.149	25	z	156	11.691	194.311	131.437	201.172	1.235	H1-1b
19	BM32	BU60X14-16-5	0.946	32.167	218	0.829	0	y	212	538.083	1518.132	3274.031	30874.331	1	H1-1b
20	BM33	BU60X14-16-5	0.934	32.167	218	0.847	0	y	144	538.083	1518.132	3274.031	30874.331	1	H1-1b
21	BM34	BU60X12-16-5	0.916	32.167	144	0.709	8.377	y	218	352.667	1386.395	2417.744	27069.181	1	H1-1b
22	BM35	W18X46	0.926	16.397	144	0.265	29.15	y	144	91.74	404.192	350.299	2664.284	1	H1-1b
23	BM36	W18X46	0.894	16.397	144	0.259	29.15	y	144	91.74	404.192	350.299	2664.284	1	H1-1b
24	BM37	W18X46	0.84	16.397	144	0.247	29.15	y	144	91.74	404.192	350.299	2664.284	1	H1-1b
25	BM38	BU60X16-20-5	0.927	27.515	218	0.464	0	y	218	911.858	1908.204	5315.546	41910.605	1	H1-1b
26	BM39	BU60X14-24-5	0.96	27.515	218	0.466	0	y	218	834.517	1968.934	4887.002	43392.68	1	H1-1b
27	BM40	BU60X15-20-5	0.906	27.515	144	0.467	0	y	218	799.581	1825.868	4677.448	39547.424	1	H1-1b
28	BM41	BU60X15-24-5	0.925	27.515	218	0.44	0	y	218	968.189	2067.737	5603.319	46205.866	1	H1-1b
29	BM42	BU60X14-16-5	0.952	0	218	0.812	32.167	y	218	538.083	1518.132	3274.031	30874.331	1	H1-1b
30	BM43	BU60X13-16-5	0.957	0	244	0.775	32.167	y	218	444.831	1452.263	2829.42	28971.28	1	H1-1b
31	BM44	BU60X14-16-5	0.949	0	218	0.813	32.167	y	218	538.083	1518.132	3274.031	30874.331	1	H1-1b
32	BM45	BU60X12-16-5	0.952	0	144	0.726	32.167	y	144	352.667	1386.395	2417.744	27069.181	1	H1-1b
33	BM46	BU60X12-20-5	0.907	0	218	0.815	32.167	y	218	458.668	1578.862	3010.157	32462.032	1	H1-1b
34	BM47	BU60X14-16-5	0.933	0	218	0.809	32.167	y	218	538.083	1518.132	3274.031	30874.331	1	H1-1b
35	BM48	BU60X9-16-5	0.968	0	250	0.56	32.167	y	250	154.401	1188.79	1380.318	21220.76	1	H1-1b
36	BM54	W14X22	0.449	21.354	174	0.061	25	y	145	11.691	194.311	131.437	206.008	1.264	H1-1b
37	CANOPY10	HSS6X4X6	0.107	6.666	144	0.015	13.333	y	144	85.132	185.03	267.665	356.287	1.136	H1-1b
38	CANOPY13	HSS6X4X6	0.375	12.5	144	0.029	25	y	144	24.884	185.03	267.665	356.287	1.136	H1-1b
39	CANOPY14	HSS6X4X6	0.644	0	144	0.103	0	y	144	164.047	185.03	267.665	356.287	1.985	H1-1b
40	CANOPY18	HSS6X4X6	0.027	3.834	144	0.007	7.667	y	144	143.138	185.03	267.665	356.287	1.136	H1-1b
41	CANOPY21	HSS6X4X6	0.082	6.666	144	0.012	13.333	y	144	85.132	185.03	267.665	356.287	1.136	H1-1b

Envelope AISC 15TH (360-16): ASD Member Steel Code Checks (Continued)

	Member	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc[ft]	Dir	LC	Pnc/om [k]	Pnt/om [k]	Mnyy/om [k-in]	Mnzz/om [k-in]	Cb	Eqn
42	CANOPY23	HSS6X4X6	0.109	0	144	0.018	0	y	144	164.047	185.03	267.665	356.287	2.013	H1-1b
43	CANOPY28	HSS6X4X6	0.375	12.5	144	0.029	25	y	144	24.884	185.03	267.665	356.287	1.136	H1-1b
44	CANOPY29	HSS6X4X6	0.497	0	144	0.08	0	y	144	164.047	185.03	267.665	356.287	1.987	H1-1b
45	CANOPY30	HSS6X4X6	0.425	0	144	0.068	0	y	144	164.047	185.03	267.665	356.287	1.988	H1-1b
46	CANOPY31	HSS6X4X6	0.181	0	144	0.029	0	y	144	164.047	185.03	267.665	356.287	1.999	H1-1b
47	CANOPY32	HSS6X4X6	0.287	12.5	144	0.022	25	y	144	24.884	185.03	267.665	356.287	1.136	H1-1b
48	CANOPY33	HSS6X4X6	0.287	12.5	144	0.022	25	y	144	24.884	185.03	267.665	356.287	1.136	H1-1b
49	CANOPY34	HSS6X4X6	0.035	3.834	144	0.009	7.667	y	144	143.138	185.03	267.665	356.287	1.136	H1-1b
50	COL10	W14X342	0.928	44.563	244	0.032	0	y	244	1910.456	3023.952	10119.76	20119.76	1.311	H1-1a
51	COL11	W24X76	0.787	31.521	151	0.083	0	y	151	352.497	670.659	856.287	4501.602	1	H1-1b
52	COL12	W24X68	0.731	0	145	0.075	23.375	y	151	303.171	601.796	733.533	3882.596	1	H1-1a
53	COL13	W14X61	0.583	45.641	250	0.016	22.49	y	284	360.572	535.928	982.036	2674.597	1	H1-1a
54	COL14	W24X76	0.774	22.667	153	0.078	0	y	151	352.497	670.659	856.287	4501.602	1	H1-1a
55	COL15	W24X68	0.781	22.667	145	0.073	0	y	151	303.171	601.796	733.533	3882.596	1	H1-1a
56	COL16	W10X22	0.498	10.952	240	0.103	8.709	z	346	74.161	194.311	182.635	778.443	1.984	H1-1a
57	COL17	W24X68	0.67	27.979	151	0.068	0	y	151	303.171	601.796	733.533	3882.596	1	H1-1b
58	COL18	W10X22	0.548	9.104	144	0.194	8.709	z	347	74.161	194.311	182.635	778.443	1.708	H1-1a
59	COL19	W24X68	0.8	22.667	145	0.074	0	y	151	303.171	601.796	733.533	3882.596	1	H1-1a
60	COL20	W14X30	0.688	22.667	151	0.048	13.813	y	283	90.927	264.97	269.162	866.361	1	H1-1b
61	COL21	W24X68	0.735	27.979	151	0.074	0	y	151	303.171	601.796	733.533	3882.596	1	H1-1b
62	COL22	W14X68	0.962	13.813	283	0.103	13.458	z	151	301.532	598.802	1104.79	3049.53	1	H1-1b
63	COL23	W24X68	0.866	27.979	151	0.075	13.458	y	288	278.761	601.796	733.533	3713.718	1	H1-1b
64	COL24	W24X68	0.711	27.979	151	0.072	0	y	151	303.171	601.796	733.533	3882.596	1	H1-1b
65	COL25	W24X68	0.783	22.667	147	0.074	0	y	151	303.171	601.796	733.533	3882.596	1	H1-1a
66	COL26	W24X68	0.719	0	151	0.082	24.351	y	151	303.171	601.796	733.533	3882.596	1	H1-1b
67	COL27	W24X55	0.951	0	238	0.057	23.375	y	151	134.998	485.03	397.721	2088.946	1	H1-1a
68	COL28	W24X68	0.684	0	151	0.073	23.375	y	151	303.171	601.796	733.533	3882.596	1	H1-1b
69	COL29	W14X34	0.544	6.095	283	0.033	6.339	y	174	190.547	299.401	317.365	1355.806	1	H1-1b
70	COL30	W24X76	0.697	0	153	0.08	28.524	y	151	352.497	670.659	856.287	4501.602	1	H1-1a
71	COL31	W24X76	0.911	0	151	0.088	26.438	y	151	352.497	670.659	856.287	4501.602	1	H1-1a
72	COL32	W24X68	0.695	0	151	0.074	23.375	y	151	303.171	601.796	733.533	3882.596	1	H1-1b
73	COL33	W24X76	0.809	0	151	0.084	27.481	y	151	352.497	670.659	856.287	4501.602	1	H1-1b
74	COL34	W14X211	0.965	23	218	0.038	46	y	218	1104.387	1856.287	5928.144	11075.617	1.146	H1-1a
75	COL35	W24X68	0.777	0	151	0.086	25.394	y	151	303.171	601.796	733.533	3882.596	1	H1-1b
76	COL36	W24X68	0.728	0	151	0.082	24.351	y	151	303.171	601.796	733.533	3882.596	1	H1-1b
77	COL37	W24X76	0.856	0	151	0.086	26.438	y	151	352.497	670.659	856.287	4501.602	1	H1-1b
78	COL38	W14X68	0.758	12.148	283	0.059	11.844	y	283	301.532	598.802	1104.79	3049.53	1	H1-1b
79	COL39	W8X18	0.174	6.334	283	0.123	0	z	347	51.848	157.485	139.521	379.947	1.131	H1-1b
80	COL40	W14X211	0.748	0	144	0.027	1.094	y	213	1528.801	1856.287	5928.144	11676.647	1.649	H1-1a
81	COL41	W24X68	0.719	0	147	0.074	23.375	y	151	303.171	601.796	733.533	3882.596	1	H1-1a
82	COL42	W24X68	0.712	0	145	0.074	23.375	y	151	303.171	601.796	733.533	3882.596	1	H1-1a
83	COL43	W24X68	0.709	0	217	0.075	23.375	y	151	303.171	601.796	733.533	3882.596	1	H1-1a
84	COL44	W24X68	0.715	0	147	0.074	23.375	y	151	303.171	601.796	733.533	3882.596	1	H1-1a
85	COL45	W24X68	0.646	0	151	0.069	23.375	y	151	303.171	601.796	733.533	3882.596	1	H1-1b
86	COL46	W24X76	0.782	0	151	0.083	27.481	y	151	352.497	670.659	856.287	4501.602	1	H1-1b
87	COL47	W24X76	0.643	0	153	0.065	28.524	y	151	352.497	670.659	856.287	4501.602	1	H1-1a
88	COL48	W24X68	0.795	0	151	0.087	25.394	y	151	303.171	601.796	733.533	3882.596	1	H1-1b
89	COL49	W14X61	0.534	45.641	244	0.031	46.302	y	284	360.572	535.928	982.036	2674.597	1	H1-1a
90	COL50	W10X22	0.256	0	144	0.039	12.667	y	151	74.161	194.311	182.635	778.443	1.667	H1-1a*
91	COL51	W10X22	0.607	9.104	144	0.194	8.709	z	347	74.161	194.311	182.635	778.443	1.708	H1-1a
92	COL52	W10X22	0.491	9.104	144	0.194	8.709	z	347	74.161	194.311	182.635	778.443	1.707	H1-1a
93	COL53	W10X22	0.378	5.674	151	0.027	12.667	z	283	74.161	194.311	182.635	593.373	1.136	H1-1b
94	COL54	W24X76	0.696	27.625	153	0.05	13.458	y	158	322.602	670.659	856.287	4320.8	1	H1-1a
95	COL55	W24X76	0.863	29.396	151	0.065	13.458	y	151	322.602	670.659	856.287	4320.8	1	H1-1b
96	COL56	W24X76	0.985	27.979	151	0.074	13.458	y	151	322.602	670.659	856.287	4320.8	1	H1-1a
97	COL57	W24X68	0.798	27.625	151	0.065	13.458	y	151	278.761	601.796	733.533	3713.718	1	H1-1b
98	COL58	W24X68	0.784	22.667	147	0.074	0	y	151	303.171	601.796	733.533	3882.596	1	H1-1a
99	COL59	W24X68	0.721	27.979	151	0.074	0	y	151	303.171	601.796	733.533	3882.596	1	H1-1b
100	COL60	W14X30	0.814	22.667	151	0.041	22.667	z	151	90.927	264.97	269.162	866.361	1	H1-1b
101	COL61	W24X55	0.965	29.042	238	0.056	0	y	151	134.998	485.03	397.721	2088.946	1	H1-1a
102	COL62	W24X68	0.736	29.396	151	0.082	0	y	151	303.171	601.796	733.533	3882.596	1	H1-1b
103	COL63	W24X68	0.792	30.104	151	0.086	0	y	151	303.171	601.796	733.533	3882.596	1	H1-1b
104	COL64	W24X76	0.94	22.667	151	0.09	0	y	151	352.497	670.659	856.287	4501.602	1	H1-1a
105	COL65	W14X34	0.949	10.766	283	0.025	22.773	y	283	108.092	299.401	317.365	1053.176	1	H1-1a
106	COL66	W14X30	0.514	11.931	151	0.034	11.931	z	151	90.927	264.97	269.162	866.361	1	H1-1b
107	COL67	W14X30	0.381	11.931	151	0.03	11.931	z	151	90.927	264.97	269.162	866.361	1	H1-1b
108	COL68	W14X342	0.808	0	244	0.055	17.5	y	244	2525.996	3023.952	10119.76	20119.76	1.621	H1-1a
109	COL69	W10X22	0.43	13.745	150	0.042	22.75	y	151	61.756	194.311	182.635	778.443	1.678	H1-1a

Envelope AISC 15TH (360-16): ASD Member Steel Code Checks (Continued)

	Member	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc[ft]	Dir	LC	Pnc/om [k]	Pnt/om [k]	Mnyy/om [k-in]	Mnzz/om [k-in]	Cb	Eqn
110	COL70	W10X22	0.639	13.745	150	0.042	22.75	y	151	61.756	194.311	182.635	778.443	1.678	H1-1a
111	COL71	W10X22	0.187	6.465	283	0.134	0	z	346	74.161	194.311	182.635	591.507	1.133	H1-1b
112	COL_LACE10	W10X22	0.198	13.375	158	0.005	26.75	z	364-1	16.629	194.311	182.635	197.262	1	H1-1b
113	COL_LACE11	HSS10X10X4	0.981	13.568	244	0.003	26.05	y	345	170.361	268.263	790.572	790.572	1.136	H1-1a
114	COL_LACE12	W14X61	0.986	5.875	244	0.002	11.75	z	351	420.238	535.928	982.036	2868.296	1	H1-1a
115	COL_LACE13	W10X22	0.058	11.75	316	0.002	11.75	z	364-1	84.937	194.311	182.635	551.601	1	H1-1b*
116	COL_LACE14	HSS12X12X5	0.948	12.002	244	0.003	25.605	y	344	295.946	401.198	1444.737	1444.737	1.136	H1-1a
117	COL_LACE15	HSS12X12X5	0.84	17.192	250	0.007	35.116	y	345	226.367	401.198	1444.737	1444.737	1.136	H1-1a
118	COL_LACE16	W14X61	0.108	13.375	250	0.004	26.75	z	177	156.083	535.928	982.036	2597.764	1.316	H1-1b
119	COL_LACE17	W14X61	0.017	5.875	151	0.002	11.75	z	364-1	420.238	535.928	982.036	2868.296	1	H1-1b
120	COL_LACE18	HSS12X12X8	0.854	9.881	218	0.003	21.079	y	344	505.225	625.749	2682.635	2682.635	1.136	H1-1a
121	COL_LACE19	HSS12X12X10	0.877	16.316	218	0.007	31.966	y	345	464.582	769.461	3263.473	3263.473	1.136	H1-1a
122	COL_LACE20	W14X145	0.968	13.375	250	0.01	0	z	250	794.892	1278.443	3982.036	7784.431	1.451	H1-1a
123	COL_LACE21	HSS10X10X4	0.708	18.09	250	0.007	35.442	y	344	115.762	268.263	790.572	790.572	1.136	H1-1a
124	DIAPH100	HSS6X6X3	0.309	12.5	180	0.006	25	y	364-1	37.243	119.162	234.49	234.49	1.136	H1-1a
125	DIAPH101	HSS6X6X3	0.157	25	178	0.006	25	y	364-1	37.243	119.162	234.49	234.49	1.136	H1-1b*
126	DIAPH102	HSS6X6X3	0.73	10.813	182	0.005	21.625	y	364-2	49.487	119.162	234.49	234.49	1.136	H1-1a
127	DIAPH103	L3X3X4	0.201	35.371	185	0.007	35.371	y	346	1.68	43.114	18.72	9.391	1.136	H2-1*
128	DIAPH104	L3X3X4	0.111	35.371	226	0.007	35.371	y	346	1.68	43.114	18.72	9.391	1.136	H2-1*
129	DIAPH105	L4X4X5	0.61	0	285	0.007	33.072	y	346	5.613	71.856	41.881	27.25	1.136	H2-1*
130	DIAPH106	HSS8X8X3	0.637	10.813	182	0.005	21.625	y	364-5	98.888	160.778	370.37	370.37	1.136	H1-1a
131	DIAPH107	HSS8X8X3	0.545	12.5	153	0.006	25	y	360-5	83.968	160.778	370.37	370.37	1.136	H1-1a
132	DIAPH108	HSS6X6X3	0.144	11.75	160	0.003	11.75	y	151	91.931	119.162	234.49	234.49	1.136	H1-1b*
133	DIAPH109	HSS6X6X3	0.304	10.813	160	0.005	21.625	y	364-1	49.487	119.162	234.49	234.49	1.136	H1-1a
134	DIAPH110	HSS6X6X3	0.542	12.5	318	0.006	25	y	364-1	37.243	119.162	234.49	234.49	1.136	H1-1a
135	DIAPH111	HSS8X8X3	0.751	12.5	150	0.006	25	y	364-1	83.968	160.778	370.37	370.37	1.136	H1-1a
136	DIAPH112	L3X3X4	0.145	35.371	279	0.007	35.371	y	153	1.68	43.114	18.72	9.391	1.136	H2-1*
137	DIAPH113	L4X4X5	0.875	0	150	0.007	34.845	y	344	4.989	71.856	41.881	26.005	1.136	H2-1*
138	DIAPH114	HSS8X8X3	0.87	12.5	176	0.006	25	y	364-1	83.968	160.778	370.37	370.37	1.136	H1-1a
139	DIAPH115	L4X4X5	0.601	0	285	0.007	33.072	y	346	5.613	71.856	41.881	27.25	1.136	H2-1*
140	DIAPH116	L3.5X3.5X4	0.898	35.371	153	0.007	35.371	y	345	2.743	50.898	26.786	13.041	1.136	H2-1*
141	DIAPH117	HSS8X8X3	0.604	12.5	212	0.006	25	y	364-1	83.968	160.778	370.37	370.37	1.136	H1-1a
142	DIAPH118	LL3X3X3X3	0.003	0	342	0.002	8.257	z	346	28.642	65.269	61.468	40.189	1	H1-1b*
143	DIAPH119	L3X3X4	0.174	0	256	0.007	35.371	y	346	1.68	43.114	18.72	9.391	1.136	H2-1*
144	DIAPH120	L3.5X3.5X4	0.757	35.371	153	0.007	35.371	y	346	2.743	50.898	26.786	13.041	1.136	H2-1*
145	DIAPH121	HSS8X8X3	0.578	12.5	242	0.006	25	y	364-1	83.968	160.778	370.37	370.37	1.136	H1-1a
146	DIAPH122	HSS6X6X3	0.136	11.75	160	0.003	11.75	y	151	91.931	119.162	234.49	234.49	1.136	H1-1b*
147	DIAPH123	HSS6X6X3	0.299	10.813	184	0.005	21.625	y	364-1	49.487	119.162	234.49	234.49	1.136	H1-1a
148	DIAPH124	HSS6X6X3	0.509	12.5	318	0.006	25	y	364-1	37.243	119.162	234.49	234.49	1.136	H1-1a
149	DIAPH125	HSS6X6X3	0.315	12.5	180	0.006	25	y	364-1	37.243	119.162	234.49	234.49	1.136	H1-1a
150	DIAPH126	HSS6X6X3	0.575	12.5	312	0.006	25	y	358-3	37.243	119.162	234.49	234.49	1.136	H1-1a
151	DIAPH127	HSS6X6X3	0.317	12.5	180	0.006	25	y	364-1	37.243	119.162	234.49	234.49	1.136	H1-1a
152	DIAPH128	HSS8X8X3	0.179	11.75	186	0.003	11.75	y	151	124.904	160.778	370.37	370.37	1.136	H1-1b*
153	DIAPH129	HSS8X8X3	0.548	12.5	153	0.006	25	y	364-1	83.968	160.778	370.37	370.37	1.136	H1-1a
154	DIAPH130	L3X3X3	0.385	0	305	0.007	35.371	y	346	1.276	32.635	14.638	5.466	1.136	H2-1*
155	DIAPH131	HSS8X8X3	0.674	12.5	153	0.006	25	y	363-7	83.968	160.778	370.37	370.37	1.136	H1-1a
156	DIAPH132	HSS8X8X3	0.662	11.458	179	0.009	0	y	357-2	83.968	160.778	370.37	370.37	1.224	H1-1a
157	DIAPH133	HSS6X6X3	0.432	12.5	178	0.006	25	y	359-5	37.243	119.162	234.49	234.49	1.136	H1-1a
158	DIAPH134	HSS6X6X3	0.364	12.5	178	0.006	25	y	364-1	37.243	119.162	234.49	234.49	1.136	H1-1a
159	DIAPH135	L3X3X4	0.352	35.371	285	0.007	35.371	y	346	1.68	43.114	18.72	9.391	1.136	H2-1*
160	DIAPH136	L3X3X4	0.469	35.371	285	0.007	35.371	y	346	1.68	43.114	18.72	9.391	1.136	H2-1*
161	DIAPH137	HSS6X6X3	0.319	12.5	178	0.006	25	y	364-1	37.243	119.162	234.49	234.49	1.136	H1-1a
162	DIAPH138	HSS8X8X3	0.776	12.5	150	0.006	25	y	361-5	83.968	160.778	370.37	370.37	1.136	H1-1a
163	DIAPH139	HSS8X8X3	0.887	12.5	176	0.006	25	y	358-7	83.968	160.778	370.37	370.37	1.136	H1-1a
164	DIAPH140	HSS8X8X3	0.455	12.125	250	0.006	24.25	y	272	87.255	160.778	370.37	370.37	1.136	H1-1a
165	DIAPH141	HSS8X8X3	0.503	12.5	250	0.006	25	y	272	83.968	160.778	370.37	370.37	1.136	H1-1a
166	DIAPH142	HSS8X8X3	0.58	12.5	242	0.006	25	y	364-1	83.968	160.778	370.37	370.37	1.136	H1-1a
167	DIAPH143	HSS8X8X3	0.631	12.5	242	0.006	25	y	351	83.968	160.778	370.37	370.37	1.136	H1-1a
168	DIAPH144	L3X3X3	0.019	0	309	0.003	15.719	y	167	5.408	32.635	14.638	11.421	1.136	H2-1*
169	DIAPH145	L4X4X5	0.952	0	150	0.007	34.845	y	344	4.989	71.856	41.881	26.005	1.136	H2-1*
170	DIAPH146	L3X3X3	0.338	0	305	0.007	35.371	y	344	1.276	32.635	14.638	5.466	1.136	H2-1*
171	DIAPH147	L3.5X3.5X4	0.578	0	153	0.007	35.371	y	346	2.743	50.898	26.786	13.041	1.136	H2-1*
172	DIAPH148	L3X3X3	0.348	35.371	166	0.007	35.371	y	350	1.276	32.635	14.638	5.466	1.136	H2-1*
173	DIAPH149	L3X3X3	0.615	15.719	250	0.003	15.719	y	345	5.408	32.635	14.638	11.421	1.136	H2-1*
174	DIAPH150	L3X3X4	0.47	34.239	318	0.007	34.239	y	344	1.68	43.114	18.72	9.676	1.136	H2-1*
175	DIAPH151	L3X3X4	0.461	35.371	182	0.007	35.371	y	344	1.68	43.114	18.72	9.391	1.136	H2-1*
176	DIAPH152	L3X3X4	0.536	0	181	0.007	34.239	y	344	1.68	43.114	18.72	9.676	1.136	H2-1*
177	DIAPH153	L3X3X4	0.711	0	150	0.007	35.371	y	344	1.68	43.114	18.72	9.391	1.136	H2-1*

Envelope AISC 15TH (360-16): ASD Member Steel Code Checks (Continued)

	Member	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc[ft]	Dir	LC	Pnc/om [k]	Pnt/om [k]	Mnyy/om [k-in]	Mnzz/om [k-in]	Cb	Eqn
178	DIAPH154	L3X3X3	0.646	15.719	250	0.003	15.719	y	345	5.408	32.635	14.638	11.421	1.136	H2-1*
179	DIAPH155	L3.5X3.5X4	0.793	0	150	0.007	35.371	y	348	2.743	50.898	26.786	13.041	1.136	H2-1*
180	DIAPH156	L3X3X4	0.146	0	241	0.007	35.371	y	346	1.68	43.114	18.72	9.391	1.136	H2-1*
181	DIAPH157	L3X3X3	0.411	35.371	150	0.007	35.371	y	345	1.276	32.635	14.638	5.466	1.136	H2-1*
182	DIAPH158	L3X3X4	0.467	0	307	0.006	26.328	y	242	3.044	43.114	18.72	12.273	1.136	H2-1*
183	DIAPH159	L4X4X5	0.648	27.643	150	0.006	27.643	y	350	7.796	71.856	41.881	31.909	1.136	H2-1*
184	DIAPH160	L3X3X4	0.336	0	317	0.007	35.371	y	344	1.68	43.114	18.72	9.391	1.136	H2-1*
185	DIAPH161	L3X3X4	0.533	0	176	0.007	34.239	y	345	1.68	43.114	18.72	9.676	1.136	H2-1*
186	DIAPH162	L3X3X4	0.504	34.239	311	0.007	34.239	y	345	1.68	43.114	18.72	9.676	1.136	H2-1*
187	DIAPH163	L4X4X5	0.656	27.643	153	0.006	27.643	y	346	7.796	71.856	41.881	31.909	1.136	H2-1*
188	DIAPH164	L4X4X5	0.623	0	153	0.006	27.643	y	346	7.796	71.856	41.881	31.909	1.136	H2-1*
189	DIAPH165	HSS6X6X3	0.273	5.875	182	0.003	11.75	y	151	91.931	119.162	234.49	234.49	1.136	H1-1a
190	DIAPH166	L4X4X5	0.727	27.643	150	0.006	27.643	y	350	7.796	71.856	41.881	31.909	1.136	H2-1*
191	DIAPH167	HSS8X8X3	0.237	5.875	182	0.003	11.75	y	151	124.904	160.778	370.37	370.37	1.136	H1-1a
192	DIAPH168	L3X3X4	0.392	26.328	315	0.006	26.328	y	182	3.044	43.114	18.72	12.273	1.136	H2-1*
193	DIAPH169	L3X3X4	0.859	0	212	0.006	26.328	y	344	3.044	43.114	18.72	12.273	1.136	H2-1*
194	DIAPH170	L3X3X4	0.592	26.328	185	0.006	26.328	y	346	3.044	43.114	18.72	12.273	1.136	H2-1*
195	DIAPH171	HSS8X8X3	0.602	12.125	176	0.006	24.25	y	250	87.255	160.778	370.37	370.37	1.136	H1-1a
196	DIAPH172	HSS8X8X3	0.55	12.125	176	0.006	24.25	y	244	87.255	160.778	370.37	370.37	1.136	H1-1a
197	DIAPH173	L4X4X5	0.709	34.845	285	0.007	34.845	y	346	4.989	71.856	41.881	26.005	1.136	H2-1*
198	DIAPH174	HSS8X8X3	0.413	12.125	312	0.006	24.25	y	218	87.255	160.778	370.37	370.37	1.136	H1-1a
199	DIAPH175	L4X4X5	0.754	34.845	285	0.007	34.845	y	346	4.989	71.856	41.881	26.005	1.136	H2-1*
200	DIAPH176	HSS6X6X3	0.429	12.125	156	0.006	24.25	y	151	39.582	119.162	234.49	234.49	1.136	H1-1a
201	DIAPH177	HSS6X6X3	0.395	12.125	156	0.006	24.25	y	151	39.582	119.162	234.49	234.49	1.136	H1-1a
202	DIAPH178	L3X3X3	0.022	0	309	0.003	15.719	y	198	5.408	32.635	14.638	11.421	1.136	H2-1*
203	DIAPH181	L4X4X5	0.827	0	150	0.007	33.072	y	346	5.613	71.856	41.881	27.25	1.136	H2-1*
204	DIAPH182	L4X4X5	0.798	0	150	0.007	33.072	y	345	5.613	71.856	41.881	27.25	1.136	H2-1*
205	DIAPH183	HSS8X8X3	0.426	10.813	317	0.005	21.625	y	364-7	98.888	160.778	370.37	370.37	1.136	H1-1a
206	DIAPH184	HSS6X6X3	0.389	12.5	160	0.006	25	y	364-1	37.243	119.162	234.49	234.49	1.136	H1-1a
207	DIAPH185	HSS8X8X3	0.952	12.5	182	0.006	25	y	205	83.968	160.778	370.37	370.37	1.136	H1-1a
208	DIAPH186	L3.5X3.5X4	0.626	35.371	150	0.007	35.371	y	349	2.743	50.898	26.786	13.041	1.136	H2-1*
209	DIAPH187	L3.5X3.5X4	0.748	0	153	0.007	35.371	y	346	2.743	50.898	26.786	13.041	1.136	H2-1*
210	DIAPH188	L3.5X3.5X4	0.84	35.371	150	0.007	35.371	y	345	2.743	50.898	26.786	13.041	1.136	H2-1*
211	DIAPH189	HSS6X6X3	0.671	12.5	182	0.006	25	y	363-8	37.243	119.162	234.49	234.49	1.136	H1-1a
212	DIAPH190	HSS6X6X3	0.402	12.5	184	0.006	25	y	364-1	37.243	119.162	234.49	234.49	1.136	H1-1a
213	DIAPH191	L3X3X4	0.473	35.371	176	0.007	35.371	y	346	1.68	43.114	18.72	9.391	1.136	H2-1*
214	DIAPH192	L3X3X4	0.921	29.226	179	0.006	29.226	y	346	2.447	43.114	18.72	11.176	1.136	H2-1*
215	DIAPH193	HSS8X8X3	0.931	12.5	182	0.006	25	y	364-1	83.968	160.778	370.37	370.37	1.136	H1-1a
216	DIAPH194	L3X3X4	0.154	0	309	0.007	35.371	y	150	1.68	43.114	18.72	9.391	1.136	H2-1*
217	DIAPH195	HSS6X6X3	0.358	12.5	148	0.006	25	y	363-2	37.243	119.162	234.49	234.49	1.136	H1-1a
218	DIAPH196	L3X3X4	0.683	0	150	0.007	35.371	y	345	1.68	43.114	18.72	9.391	1.136	H2-1*
219	DIAPH197	HSS8X8X3	0.667	14.583	153	0.01	25	y	364-1	83.968	160.778	370.37	370.37	1.117	H1-1a
220	DIAPH198	L3X3X4	0.189	0	309	0.007	35.371	y	258	1.68	43.114	18.72	9.391	1.136	H2-1*
221	DIAPH199	L3X3X4	0.73	29.226	182	0.006	29.226	y	164	2.447	43.114	18.72	11.176	1.136	H2-1*
222	DIAPH200	HSS6X6X3	0.373	12.5	184	0.006	25	y	364-1	37.243	119.162	234.49	234.49	1.136	H1-1a
223	DIAPH201	HSS6X6X3	0.159	25	184	0.006	25	y	364-1	37.243	119.162	234.49	234.49	1.136	H1-1b*
224	DIAPH202	L3X3X3	0.481	35.371	171	0.007	35.371	y	346	1.276	32.635	14.638	5.466	1.136	H2-1*
225	DIAPH203	HSS8X8X3	0.761	12.5	150	0.006	25	y	364-1	83.968	160.778	370.37	370.37	1.136	H1-1a
226	DIAPH204	L3X3X3	0.379	0	296	0.007	35.371	y	346	1.276	32.635	14.638	5.466	1.136	H2-1*
227	DIAPH205	L3X3X3	0.384	35.371	171	0.007	35.371	y	346	1.276	32.635	14.638	5.466	1.136	H2-1*
228	DIAPH206	L3X3X3	0.455	0	164	0.007	35.371	y	344	1.276	32.635	14.638	5.466	1.136	H2-1*
229	DIAPH207	L3X3X3	0.657	35.371	303	0.007	35.371	y	346	1.276	32.635	14.638	5.466	1.136	H2-1*
230	DIAPH208	L3X3X3	0.596	0	164	0.007	35.371	y	348	1.276	32.635	14.638	5.466	1.136	H2-1*
231	DIAPH209	L3X3X3	0.619	35.371	303	0.007	35.371	y	346	1.276	32.635	14.638	5.466	1.136	H2-1*
232	DIAPH210	L3X3X3	0.617	0	164	0.007	35.371	y	344	1.276	32.635	14.638	5.466	1.136	H2-1*
233	DIAPH211	HSS8X8X3	0.544	12.5	179	0.006	25	y	359-2	83.968	160.778	370.37	370.37	1.136	H1-1a
234	DIAPH212	HSS6X6X3	0.155	25	178	0.006	25	y	364-1	37.243	119.162	234.49	234.49	1.136	H1-1b*
235	DIAPH213	L3X3X4	0.383	0	311	0.007	35.371	y	345	1.68	43.114	18.72	9.391	1.136	H2-1*
236	DIAPH214	L3X3X4	0.825	29.226	308	0.006	29.226	y	255	2.447	43.114	18.72	11.176	1.136	H2-1*
237	DIAPH215	L3X3X4	0.144	35.371	283	0.007	35.371	y	183	1.68	43.114	18.72	9.391	1.136	H2-1*
238	DIAPH216	HSS6X6X3	0.552	12.5	312	0.006	25	y	364-1	37.243	119.162	234.49	234.49	1.136	H1-1a
239	DIAPH217	HSS6X6X3	0.438	12.5	156	0.006	25	y	357-3	37.243	119.162	234.49	234.49	1.136	H1-1a
240	DIAPH218	L3X3X4	0.897	29.226	185	0.006	29.226	y	346	2.447	43.114	18.72	11.176	1.136	H2-1*
241	DIAPH219	HSS6X6X3	0.798	12.5	176	0.006	25	y	364-1	37.243	119.162	234.49	234.49	1.136	H1-1a
242	DIAPH220	L3.5X3.5X4	0.902	0	150	0.007	35.371	y	344	2.743	50.898	26.786	13.041	1.136	H2-1*
243	DIAPH221	HSS8X8X3	0.643	12.5	153	0.006	25	y	357-4	83.968	160.778	370.37	370.37	1.136	H1-1a
244	DIAPH222	HSS6X6X3	0.421	12.5	156	0.006	25	y	364-1	37.243	119.162	234.49	234.49	1.136	H1-1a
245	DIAPH223	HSS8X8X3	0.55	12.5	242	0.006	25	y	364-1	83.968	160.778	370.37	370.37	1.136	H1-1a

Envelope AISC 15TH (360-16): ASD Member Steel Code Checks (Continued)

	Member	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc[ft]	Dir	LC	Pnc/om [k]	Pnt/om [k]	Mnyy/om [k-in]	Mnzz/om [k-in]	Cb	Eqn
246	DIAPH224	HSS8X8X3	0.173	25	216	0.006	25	y	203	83.968	160.778	370.37	370.37	1.136	H1-1b*
247	DIAPH225	HSS8X8X3	0.073	10.813	216	0.005	21.625	y	151	98.888	160.778	370.37	370.37	1.136	H1-1b
248	DIAPH226	HSS8X8X3	0.014	5.875	347	0.003	11.75	y	151	124.904	160.778	370.37	370.37	1.136	H1-1b
249	DIAPH227	W12X26	0.062	4.129	218	0.046	8.257	y	218	142.497	229.042	244.611	1113.772	1	H1-1b
250	DOOR10	W12X14	0.429	1.633	218	0.037	1.633	z	218	36.193	124.551	56.886	318.664	1.145	H1-1b
251	DOOR11	W12X26	0.23	37.5	176	0.018	37.5	y	244	69.506	229.042	244.611	198.896	1.445	H1-1b
252	DOOR12	W12X14	0.642	1.633	218	0.056	1.633	z	218	36.193	124.551	56.886	313.304	1.126	H1-1b
253	DOOR13	W12X14	0.252	1.633	250	0.021	1.633	z	250	36.193	124.551	56.886	322.268	1.158	H1-1b
254	DOOR14	W12X14	0.617	1.633	218	0.054	1.633	z	218	36.193	124.551	56.886	315.958	1.135	H1-1b
255	DOOR15	W12X14	0.074	2.063	212	0.008	8.25	y	178	36.193	124.551	56.886	323.712	1.163	H1-1b
256	DOOR16	W12X26	0.299	37.5	278	0.025	37.5	y	244	69.506	229.042	244.611	217.006	1.577	H1-1b
257	DOOR17	W12X14	0.328	4.898	218	0.016	6.531	z	250	36.193	124.551	56.886	314.711	1.131	H1-1b
258	DOOR18	W10X22	0.013	17.156	359-9	0	17.156	y	347	40.43	194.311	182.635	353.252	1	H1-1b*
259	DOOR20	W10X22	0.012	17.156	360-9	0	17.156	y	347	40.43	194.311	182.635	353.252	1	H1-1b*
260	DOOR21	W12X14	0.706	1.633	218	0.062	1.633	z	218	36.193	124.551	56.886	315.653	1.134	H1-1b
261	DOOR22	HSS8X8X3	0.736	8.503	218	0.002	18.14	y	347	109.273	160.778	370.37	370.37	1.136	H1-1a
262	DOOR23	W12X14	0.806	1.633	218	0.071	1.633	z	218	36.193	124.551	56.886	313.417	1.126	H1-1b
263	DOOR24	HSS6X6X3	0.435	8.314	282	0.002	18.14	y	347	64.207	119.162	234.49	234.49	1.136	H1-1a
264	DOOR25	W10X22	0.016	17.156	144	0	17.156	y	347	40.43	194.311	182.635	353.252	1	H1-1b*
265	DOOR26	W12X26	0.09	13.654	178	0.014	26.75	y	178	91.249	229.042	244.611	963.945	1.006	H1-1b
266	DOOR27	W10X22	0.007	17.156	169	0	17.156	y	347	40.43	194.311	182.635	353.252	1	H1-1b*
267	DOOR28	HSS6X6X3	0.163	14.357	310	0.004	14.357	y	250	80.894	119.162	234.49	234.49	1.136	H1-1b*
268	DOOR29	W12X14	0.797	1.633	218	0.07	1.633	z	218	36.193	124.551	56.886	312.958	1.125	H1-1b
269	DOOR30	W12X14	0.465	1.633	218	0.04	1.633	z	218	36.193	124.551	56.886	318.278	1.144	H1-1b
270	DOOR31	W12X14	0.792	1.633	218	0.07	1.633	z	218	36.193	124.551	56.886	314.85	1.131	H1-1b
271	DOOR32	W10X22	0.011	17.156	153	0	17.156	y	347	40.43	194.311	182.635	353.252	1	H1-1b*
272	DOOR33	W12X26	0.183	12.5	283	0.015	37.5	y	360-9	69.506	229.042	244.611	167.161	1.215	H1-1b
273	DOOR34	W12X14	0.334	1.633	250	0.029	1.633	z	250	36.193	124.551	56.886	320.621	1.152	H1-1b
274	DOOR35	W12X14	0.844	1.633	218	0.074	1.633	z	218	36.193	124.551	56.886	313.97	1.128	H1-1b
275	DOOR36	HSS6X6X3	0.363	9.448	211	0.002	18.14	y	347	64.207	119.162	234.49	234.49	1.136	H1-1a
276	DOOR37	W12X14	0.523	3.266	218	0.039	1.633	z	218	36.193	124.551	56.886	320.284	1.151	H1-1b
277	DOOR38	W12X14	0.905	1.719	236	0.032	1.633	z	218	36.193	124.551	56.886	315.407	1.133	H1-1a
278	DOOR39	HSS8X8X3	0.46	8.503	150	0.002	18.14	y	347	109.273	160.778	370.37	370.37	1.136	H1-1a
279	DOOR40	W10X22	0.012	17.156	151	0	17.156	y	347	40.43	194.311	182.635	353.252	1	H1-1b*
280	DOOR41	HSS6X6X3	0.44	9.448	213	0.002	18.14	y	347	64.207	119.162	234.49	234.49	1.136	H1-1a
281	DOOR42	HSS6X6X3	0.568	8.314	150	0.002	18.14	y	347	64.207	119.162	234.49	234.49	1.136	H1-1a
282	DOOR43	W10X22	0.012	17.156	359-9	0	17.156	y	347	40.43	194.311	182.635	353.252	1	H1-1b*
283	DOOR44	HSS6X6X3	0.424	8.314	282	0.002	18.14	y	347	64.207	119.162	234.49	234.49	1.136	H1-1a
284	DOOR45	W10X22	0.014	17.156	244	0	17.156	y	347	40.43	194.311	182.635	353.252	1	H1-1b*
285	DOOR46	HSS6X6X3	0.541	8.314	150	0.002	18.14	y	347	64.207	119.162	234.49	234.49	1.136	H1-1a
286	DOOR47	W10X22	0.016	17.156	244	0	17.156	y	347	40.43	194.311	182.635	353.252	1	H1-1b*
287	DOOR48	W12X14	0.207	1.633	244	0.017	1.633	z	244	36.193	124.551	56.886	323.282	1.162	H1-1b
288	DOOR49	W12X14	0.915	1.633	218	0.08	1.633	z	218	36.193	124.551	56.886	314.109	1.129	H1-1b
289	DOOR50	W12X14	0.65	1.633	218	0.057	1.633	z	218	36.193	124.551	56.886	315.559	1.134	H1-1b
290	DOOR51	W12X14	0.906	1.633	218	0.08	1.633	z	218	36.193	124.551	56.886	314.153	1.129	H1-1b
291	DOOR52	W12X14	0.796	1.633	218	0.07	1.633	z	218	36.193	124.551	56.886	316.157	1.136	H1-1b
292	DOOR53	W12X26	0.506	21.684	244	0.023	21.684	y	244	79.554	229.042	244.611	433.11	2.008	H1-1b
293	DOOR54	W12X14	0.557	1.719	218	0.048	1.633	z	218	36.193	124.551	56.886	317.442	1.141	H1-1b
294	DOOR55	W12X14	0.666	1.633	218	0.058	1.633	z	218	36.193	124.551	56.886	316.631	1.138	H1-1b
295	DOOR56	W12X14	0.814	1.633	218	0.071	1.633	z	218	36.193	124.551	56.886	315.216	1.133	H1-1b
296	DOOR57	W12X14	0.848	1.633	218	0.075	1.633	z	218	36.193	124.551	56.886	314.59	1.13	H1-1b
297	DOOR58	W12X14	0.683	1.633	218	0.06	1.633	z	218	36.193	124.551	56.886	316.323	1.137	H1-1b
298	DOOR59	W12X14	0.778	1.633	218	0.068	1.633	z	218	36.193	124.551	56.886	315.486	1.134	H1-1b
299	DOOR60	W12X14	0.295	1.633	244	0.025	1.633	z	244	36.193	124.551	56.886	321.273	1.155	H1-1b
300	DOOR61	W12X14	0.117	1.633	250	0.009	1.633	z	250	36.193	124.551	56.886	324.236	1.165	H1-1b
301	DOOR62	W12X14	0.513	1.633	218	0.044	1.633	z	218	36.193	124.551	56.886	314	1.128	H1-1b
302	DOOR63	W12X14	0.333	4.898	218	0.035	6.531	z	250	36.193	124.551	56.886	315.545	1.134	H1-1b
303	DOOR64	W12X14	0.547	1.719	240	0.029	1.633	z	244	36.193	124.551	56.886	333.526	1.199	H1-1a
304	DOOR65	W12X26	0.328	20.378	244	0.045	39.125	y	236	75.054	229.042	244.611	1041.411	1.034	H1-1b
305	EDGE10	W14X22	0.538	12.511	218	0.105	25.022	y	218	46.681	194.311	131.437	918.17	1	H1-1b
306	EDGE11	W10X22	0.586	11.719	151	0.023	11.458	y	151	66.967	194.311	182.635	288.735	1.346	H1-1b
307	EDGE12	W12X26	0.088	4.129	250	0.043	8.257	y	218	142.497	229.042	244.611	1113.772	1	H1-1b
308	EDGE13	HSS5X5X3	0.177	25	174	0.006	25	y	364-1	21.043	98.204	176.347	176.347	1.136	H1-1b*
309	EDGE14	HSS5X5X3	0.186	25	174	0.007	25	y	174	21.043	98.204	176.347	176.347	1.167	H1-1b*
310	EDGE15	W12X26	0.352	12.5	186	0.005	25	z	186	28.892	229.042	244.611	322.945	1	H1-1a
311	EDGE16	HSS5X5X3	0.147	23.375	174	0.006	23.375	y	364-1	24.071	98.204	176.347	176.347	1.136	H1-1b*
312	EDGE17	W14X22	0.24	11.941	218	0.05	0	y	218	13.349	194.311	131.437	918.17	1	H1-1b
313	EDGE18	W16X31	0.744	15.79	144	0.182	29.15	y	144	15.232	273.353	210.479	1545.231	1	H1-1b

Envelope AISC 15TH (360-16): ASD Member Steel Code Checks (Continued)

	Member	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc[ft]	Dir	LC	Pnc/om [k]	Pnt/om [k]	Mnyy/om [k-in]	Mnzz/om [k-in]	Cb	Eqn
314	EDGE19	HSS6X6X3	0.171	15.125	301	0.004	0	y	150	77.525	119.162	234.49	234.49	1.144	H1-1b*
315	EDGE20	HSS8X8X3	0.259	1.188	250	0.001	2.375	y	151	136.739	160.778	370.37	370.37	1.136	H1-1a
316	EDGE21	W10X22	0.657	11.719	151	0.024	11.458	y	151	66.967	194.311	182.635	288.557	1.346	H1-1b
317	EDGE22	HSS5X5X3	0.029	7.563	145	0.004	15.125	y	235	52.459	98.204	176.347	176.347	1.136	H1-1b
318	EDGE23	W12X26	0.104	11.667	285	0.002	11.667	z	364-1	121.53	229.042	244.611	839.616	1	H1-1b*
319	EDGE24	W12X26	0.125	11.667	285	0.002	11.667	z	364-1	121.53	229.042	244.611	839.616	1	H1-1b*
320	EDGE25	W12X26	0.371	12.5	179	0.005	25	z	179	28.892	229.042	244.611	322.945	1	H1-1a
321	EDGE26	HSS6X6X3	0.111	12.5	180	0.006	25	y	364-1	37.243	119.162	234.49	234.49	1.136	H1-1b
322	EDGE27	HSS6X6X3	0.058	10.813	160	0.005	21.625	y	364-1	49.487	119.162	234.49	234.49	1.136	H1-1b
323	EDGE28	HSS6X6X3	0.019	5.875	160	0.003	11.75	y	363-1	91.931	119.162	234.49	234.49	1.136	H1-1b
324	EDGE29	W14X43	0.349	12.511	150	0.083	25.022	y	218	238.292	377.246	517.964	2083.832	1	H1-1a
325	EDGE30	W14X22	0.466	11.941	218	0.098	0	y	218	13.349	194.311	131.437	918.17	1	H1-1b
326	EDGE31	W14X43	0.811	12.25	150	0.082	25.022	y	218	75.357	377.246	517.964	2083.832	1	H1-1a
327	EDGE32	W14X43	0.278	12.511	150	0.044	25.022	y	218	238.292	377.246	517.964	2083.832	1	H1-1a
328	EDGE33	W14X43	0.703	12.25	150	0.043	25.022	y	218	75.357	377.246	517.964	2083.832	1	H1-1a
329	EDGE34	W16X31	0.449	13.666	144	0.11	26.773	y	144	18.057	273.353	210.479	1545.231	1	H1-1b
330	EDGE35	HSS6X6X3	0.139	12.5	174	0.007	25	y	174	37.243	119.162	234.49	234.49	1.157	H1-1b
331	EDGE36	HSS6X6X3	0.121	12.5	174	0.006	25	y	364-1	37.243	119.162	234.49	234.49	1.136	H1-1b
332	EDGE37	W10X22	0.441	7.792	151	0.025	7.548	y	151	48.214	194.311	182.635	326.972	1.401	H1-1b
333	EDGE38	HSS6X6X3	0.113	12.24	180	0.007	0	y	180	37.243	119.162	234.49	234.49	1.13	H1-1b
334	EDGE39	HSS6X6X3	0.071	12.125	156	0.006	24.25	y	364-1	39.582	119.162	234.49	234.49	1.136	H1-1b
335	EDGE40	HSS6X6X3	0.078	12.5	156	0.006	25	y	364-1	37.243	119.162	234.49	234.49	1.136	H1-1b
336	EDGE41	HSS6X6X3	0.108	12.5	180	0.006	25	y	364-1	37.243	119.162	234.49	234.49	1.136	H1-1b
337	EDGE42	HSS6X6X3	0.08	12.5	160	0.006	25	y	364-1	37.243	119.162	234.49	234.49	1.136	H1-1b
338	EDGE43	W14X22	0.612	9.992	218	0.119	0	y	218	31.884	194.311	131.437	918.17	1	H1-1b
339	EDGE44	W14X22	0.543	12.25	218	0.103	25.022	y	218	11.67	194.311	131.437	918.17	1	H1-1b
340	EDGE45	W14X22	0.325	9.748	218	0.051	0	y	218	31.884	194.311	131.437	918.17	1	H1-1b
341	EDGE46	W14X22	0.275	12.511	218	0.054	25.022	y	218	46.681	194.311	131.437	918.17	1	H1-1b
342	EDGE47	W14X22	0.276	12.511	218	0.053	25.022	y	218	11.67	194.311	131.437	918.17	1	H1-1b
343	EDGE48	HSS8X8X3	0.585	13.375	250	0.009	26.75	y	250	76.425	160.778	370.37	370.37	1.452	H1-1a
344	EDGE49	W10X22	0.06	0	144	0.048	0	y	144	187.256	194.311	182.635	778.443	2.116	H1-1b
345	EDGE50	W12X26	0.129	13.333	285	0.002	13.333	z	364-1	100.107	229.042	244.611	767.747	1	H1-1b*
346	EDGE51	W12X26	0.144	13.333	154	0.002	13.333	z	364-1	100.107	229.042	244.611	767.747	1	H1-1b*
347	LFRS100	HSS5X5X3	0.106	12.5	194	0.006	25	y	364-1	21.043	98.204	176.347	176.347	1.136	H1-1b
348	LFRS101	W14X43	0.665	12.5	150	0.004	25	z	364-1	75.488	377.246	517.964	960.312	1	H1-1a
349	LFRS102	LL4X4X4X3	0.073	14.655	150	0.003	14.655	y	347	63.866	115.569	139.566	92.182	1	H1-1b*
350	LFRS103	W14X43	0.814	12.5	150	0.004	25	z	364-1	75.488	377.246	517.964	960.312	1	H1-1a
351	LFRS104	L3X3X3	0.804	14.255	220	0.002	14.255	y	346	7.973	32.635	14.638	12.415	1.136	H2-1*
352	LFRS105	HSS5X5X3	0.133	12.5	186	0.006	25	y	364-1	21.043	98.204	176.347	176.347	1.136	H1-1b
353	LFRS106	W12X26	0.335	12.5	148	0.004	25	z	364-1	28.892	229.042	244.611	322.945	1	H1-1a
354	LFRS107	HSS5X5X3	0.355	12.5	174	0.006	25	y	364-1	21.043	98.204	176.347	176.347	1.136	H1-1a
355	LFRS108	LL4X4X4X3	0.272	0	150	0.003	16.013	y	347	63.866	115.569	139.566	91.169	1	H1-1a*
356	LFRS109	W12X26	0.312	7.563	236	0.003	15.125	z	364-1	78.936	229.042	244.611	682.01	1	H1-1a
357	LFRS110	LL4X4X4X3	0.45	33.802	171	0.005	33.802	y	346	21.671	115.569	139.566	77.893	1	H1-1a*
358	LFRS111	LL3.5X3.5X4X3	0.276	0	155	0.006	33.802	y	345	14.447	101.796	108.864	59.071	1	H1-1a*
359	LFRS112	HSS5X5X3	0.157	25	174	0.006	25	y	364-1	21.043	98.204	176.347	176.347	1.136	H1-1b*
360	LFRS113	HSS5X5X3	0.166	25	174	0.006	25	y	364-1	21.043	98.204	176.347	176.347	1.136	H1-1b*
361	LFRS114	HSS5X5X3	0.153	23.375	174	0.006	23.375	y	364-1	24.071	98.204	176.347	176.347	1.136	H1-1b*
362	LFRS115	HSS5X5X3	0.192	24.25	156	0.006	24.25	y	364-1	22.365	98.204	176.347	176.347	1.136	H1-1b*
363	LFRS116	HSS5X5X3	0.06	11.75	292	0.003	11.75	y	151	67.265	98.204	176.347	176.347	1.136	H1-1b*
364	LFRS117	W14X43	0.135	11.688	151	0.004	23.375	z	238	86.348	377.246	517.964	1052.367	1	H1-1b
365	LFRS118	HSS5X5X3	0.131	12.5	172	0.006	25	y	364-1	21.043	98.204	176.347	176.347	1.136	H1-1b
366	LFRS119	HSS5X5X3	0.144	23.375	284	0.006	23.375	y	364-1	24.071	98.204	176.347	176.347	1.136	H1-1b*
367	LFRS120	HSS5X5X3	0.106	12.5	194	0.006	25	y	364-1	21.043	98.204	176.347	176.347	1.136	H1-1b
368	LFRS121	LL4X4X4X3	0.665	34.14	150	0.005	34.14	y	347	21.671	115.569	139.566	77.641	1	H1-1a*
369	LFRS122	LL3.5X3.5X4X3	0.128	17.221	301	0.003	17.221	y	347	14.078	101.796	108.864	68.571	1	H1-1b*
370	LFRS123	LL4X4X4X3	0.533	28.869	150	0.005	28.869	y	347	27.835	115.569	139.566	81.574	1	H1-1a*
371	LFRS124	LL4X4X4X3	0.278	18.133	285	0.003	18.133	y	346	62.493	115.569	139.566	89.587	1	H1-1a*
372	LFRS125	LL3X3X3X3	0.015	8.25	279	0.002	8.25	y	258	28.683	65.269	61.468	40.192	1	H1-1b*
373	LFRS126	LL4X4X4X3	0.163	0	153	0.003	16.013	y	346	63.866	115.569	139.566	91.169	1	H1-1b*
374	LFRS127	W14X43	0.714	12.5	150	0.004	25	z	364-1	75.488	377.246	517.964	960.312	1	H1-1a
375	LFRS128	LL4X4X4X3	0.42	0	153	0.005	29.405	y	346	27.835	115.569	139.566	81.174	1	H1-1a*
376	LFRS129	HSS5X5X3	0.336	12.5	174	0.006	25	y	364-1	21.043	98.204	176.347	176.347	1.136	H1-1a
377	LFRS130	LL4X4X4X3	0.041	14.655	330	0.003	14.655	y	346	63.866	115.569	139.566	92.182	1	H1-1b*
378	LFRS131	LL4X4X4X3	0.445	29.968	153	0.005	29.968	y	346	27.835	115.569	139.566	80.755	1	H1-1a*
379	LFRS132	LL3.5X3.5X4X3	0.208	34.14	147	0.006	34.14	y	344	14.447	101.796	108.864	58.877	1	H1-1a*
380	LFRS133	L3X3X3	0.557	15.117	240	0.002	15.117	y	346	6.105	32.635	14.638	11.811	1.136	H2-1*
381	LFRS134	LL4X4X4X3	0.161	0	285	0.005	29.405	y	346	27.835	115.569	139.566	81.174	1	H1-1b*

Envelope AISC 15TH (360-16): ASD Member Steel Code Checks (Continued)

	Member	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc[ft]	Dir	LC	Pnc/om [k]	Pnt/om [k]	Mnyy/om [k-in]	Mnzz/om [k-in]	Cb	Eqn
382	LFRS135	LL4X4X4X3	0.079	14.655	285	0.003	14.655	y	346	63.866	115.569	139.566	92.182	1	H1-1b*
383	LFRS136	LL3.5X3.5X4X3	0.068	0	343	0.005	27.466	y	345	21.302	101.796	108.864	62.701	1	H1-1b*
384	LFRS137	LL4X4X4X3	0.421	0	150	0.005	29.405	y	347	27.835	115.569	139.566	81.174	1	H1-1a*
385	LFRS138	LL4X4X4X3	0.562	0	150	0.005	34.14	y	347	21.671	115.569	139.566	77.641	1	H1-1a*
386	LFRS139	L3X3X3	0.438	14.255	283	0.002	14.255	y	347	7.973	32.635	14.638	12.415	1.136	H2-1*
387	LFRS140	LL4X4X4X3	0.403	18.133	150	0.003	18.133	y	347	62.493	115.569	139.566	89.587	1	H1-1a*
388	LFRS141	LL4X4X4X3	0.574	0	285	0.005	34.14	y	346	21.671	115.569	139.566	77.641	1	H1-1a*
389	LFRS142	L3X3X3	0.18	15.117	301	0.002	15.117	y	347	6.105	32.635	14.638	11.811	1.136	H2-1*
390	LFRS143	LL3.5X3.5X4X3	0.271	0	148	0.006	33.802	y	344	14.447	101.796	108.864	59.071	1	H1-1a*
391	LFRS144	L3X3X3	0.081	19.036	309	0.002	19.036	y	151	4.823	32.635	14.638	9.658	1.136	H2-1*
392	LFRS145	W10X22	0.031	0	217	0.004	0	y	151	187.266	194.311	182.635	778.443	1.771	H1-1b
393	LFRS146	HSS5X5X3	0.112	13.375	178	0.007	26.75	y	364-1	18.38	98.204	176.347	176.347	1.136	H1-1b
394	LFRS147	LL4X4X4X3	0.14	14.655	150	0.003	14.655	y	347	63.866	115.569	139.566	92.182	1	H1-1b*
395	LFRS148	LL4X4X4X3	0.132	0	153	0.003	16.013	y	346	63.866	115.569	139.566	91.169	1	H1-1b*
396	LFRS149	LL3.5X3.5X4X3	0.063	0	314	0.005	27.466	y	344	21.302	101.796	108.864	62.701	1	H1-1b*
397	LFRS150	LL3.5X3.5X4X3	0.064	0	279	0.005	27.466	y	344	21.302	101.796	108.864	62.701	1	H1-1b*
398	LFRS151	LL3.5X3.5X4X3	0.064	0	277	0.005	27.466	y	345	21.302	101.796	108.864	62.701	1	H1-1b*
399	LFRS152	LL4X4X4X3	0.49	28.869	150	0.005	28.869	y	347	27.835	115.569	139.566	81.574	1	H1-1a*
400	LFRS153	LL4X4X4X3	0.176	29.968	285	0.005	29.968	y	346	27.835	115.569	139.566	80.755	1	H1-1b*
401	LFRS154	LL4X4X4X3	0.455	0	150	0.005	29.405	y	347	27.835	115.569	139.566	81.174	1	H1-1a*
402	LFRS155	LL4X4X4X3	0.376	18.133	150	0.003	18.133	y	347	62.493	115.569	139.566	89.587	1	H1-1a*
403	LFRS156	LL3.5X3.5X4X3	0.314	0	156	0.006	33.802	y	345	14.447	101.796	108.864	59.071	1	H1-1a*
404	LFRS157	LL3.5X3.5X4X3	0.251	0	279	0.006	33.802	y	344	14.447	101.796	108.864	59.071	1	H1-1a*
405	LFRS158	LL4X4X4X3	0.542	0	171	0.005	33.802	y	346	21.671	115.569	139.566	77.893	1	H1-1a*
406	LFRS159	LL4X4X4X3	0.529	33.802	150	0.005	33.802	y	347	21.671	115.569	139.566	77.893	1	H1-1a*
407	LFRS160	LL4X4X4X3	0.638	0	150	0.005	33.802	y	347	21.671	115.569	139.566	77.893	1	H1-1a*
408	LFRS161	L3X3X3	0.656	19.347	214	0.002	19.347	y	346	4.823	32.635	14.638	9.52	1.136	H2-1*
409	LFRS162	LL3.5X3.5X4X3	0.29	17.221	174	0.003	17.221	y	346	14.078	101.796	108.864	68.571	1	H1-1a*
410	LFRS163	HSS5X5X3	0.141	12.642	156	0.006	25.821	y	345	19.726	98.204	176.347	176.347	1.136	H1-1b
411	LFRS164	LL4X4X4X3	0.402	18.133	285	0.003	18.133	y	346	62.493	115.569	139.566	89.587	1	H1-1a*
412	LFRS165	L3X3X3	0.841	13.028	174	0.002	13.028	y	346	7.973	32.635	14.638	13.386	1.136	H2-1*
413	LFRS166	LL4X4X4X3	0.595	0	285	0.005	34.14	y	346	21.671	115.569	139.566	77.641	1	H1-1a*
414	LFRS167	W14X43	0.897	12.5	150	0.004	25	z	364-1	75.488	377.246	517.964	960.312	1	H1-1a
415	LFRS168	LL4X4X4X3	0.702	34.14	150	0.005	34.14	y	347	21.671	115.569	139.566	77.641	1	H1-1a*
416	LFRS169	HSS5X5X3	0.268	12.5	156	0.006	25	y	364-1	21.043	98.204	176.347	176.347	1.136	H1-1a
417	LFRS170	W12X26	0.36	12.5	156	0.004	25	z	364-1	28.892	229.042	244.611	322.945	1	H1-1a
418	LFRS171	LL3.5X3.5X4X3	0.216	34.14	148	0.006	34.14	y	344	14.447	101.796	108.864	58.877	1	H1-1a*
419	LFRS172	LL3.5X3.5X4X3	0.221	34.14	146	0.006	34.14	y	345	14.447	101.796	108.864	58.877	1	H1-1a*
420	LFRS173	HSS5X5X3	0.132	12.5	186	0.006	25	y	364-1	21.043	98.204	176.347	176.347	1.136	H1-1b
421	LFRS174	HSS5X5X3	0.132	12.5	186	0.006	25	y	364-1	21.043	98.204	176.347	176.347	1.136	H1-1b
422	LFRS175	HSS5X5X3	0.195	25	292	0.006	25	y	364-1	21.043	98.204	176.347	176.347	1.136	H1-1b*
423	LFRS176	LL3.5X3.5X4X3	0.239	34.14	156	0.006	34.14	y	345	14.447	101.796	108.864	58.877	1	H1-1a*
424	LFRS177	HSS5X5X3	0.144	21.625	292	0.005	21.625	y	364-1	28.124	98.204	176.347	176.347	1.136	H1-1b*
425	LFRS178	HSS5X5X3	0.113	11.688	172	0.006	23.375	y	364-1	24.071	98.204	176.347	176.347	1.136	H1-1b
426	LFRS179	HSS5X5X3	0.132	12.5	172	0.006	25	y	364-1	21.043	98.204	176.347	176.347	1.136	H1-1b
427	LFRS180	LL4X4X4X3	0.579	34.14	150	0.005	34.14	y	347	21.671	115.569	139.566	77.641	1	H1-1a*
428	LFRS181	LL4X4X4X3	0.477	0	171	0.005	34.14	y	346	21.671	115.569	139.566	77.641	1	H1-1a*
429	LFRS182	W14X43	0.694	12.5	150	0.004	25	z	364-1	75.488	377.246	517.964	960.312	1	H1-1a
430	LFRS183	LL4X4X4X3	0.48	34.14	171	0.005	34.14	y	346	21.671	115.569	139.566	77.641	1	H1-1a*
431	LFRS184	W12X26	0.179	12.125	156	0.004	24.25	z	364-1	30.707	229.042	244.611	336.729	1	H1-1b
432	LFRS185	HSS5X5X3	0.277	11.688	174	0.006	23.375	y	364-1	24.071	98.204	176.347	176.347	1.136	H1-1a
433	LFRS186	HSS5X5X3	0.399	12.5	156	0.006	25	y	364-1	21.043	98.204	176.347	176.347	1.136	H1-1a
434	LFRS187	W12X26	0.912	12.5	156	0.004	25	z	364-1	28.892	229.042	244.611	322.945	1	H1-1a
435	LFRS188	HSS5X5X3	0.106	12.5	194	0.006	25	y	364-1	21.043	98.204	176.347	176.347	1.136	H1-1b
436	LFRS189	W12X26	0.795	12.5	148	0.004	25	z	364-1	28.892	229.042	244.611	322.945	1	H1-1a
437	LFRS190	HSS5X5X3	0.316	12.5	184	0.006	25	y	364-1	21.043	98.204	176.347	176.347	1.136	H1-1a
438	LFRS191	HSS5X5X3	0.187	21.625	184	0.005	21.625	y	364-1	28.124	98.204	176.347	176.347	1.136	H1-1b*
439	LFRS192	HSS5X5X3	0.115	11.688	172	0.006	23.375	y	364-1	24.071	98.204	176.347	176.347	1.136	H1-1b
440	LFRS193	HSS5X5X3	0.077	11.75	184	0.003	11.75	y	364-12	67.265	98.204	176.347	176.347	1.136	H1-1b*
441	LFRS194	HSS5X5X3	0.131	12.5	172	0.006	25	y	364-1	21.043	98.204	176.347	176.347	1.136	H1-1b
442	LFRS195	HSS5X5X3	0.13	12.5	172	0.006	25	y	364-1	21.043	98.204	176.347	176.347	1.136	H1-1b
443	LFRS196	W14X43	0.738	12.5	150	0.004	25	z	364-1	75.488	377.246	517.964	960.312	1	H1-1a
444	LFRS197	HSS5X5X3	0.031	7.563	145	0.004	15.125	y	252	52.459	98.204	176.347	176.347	1.136	H1-1b
445	LFRS198	LL4X4X4X3	0.095	0	282	0.003	16.013	y	347	63.866	115.569	139.566	91.169	1	H1-1b*
446	LFRS199	W12X26	0.568	11.719	153	0.02	11.458	y	151	100.107	229.042	244.611	434.541	1.346	H1-1a
447	LFRS200	LL3X3X3X3	0.021	8.25	279	0.002	8.25	y	258	28.683	65.269	61.468	40.192	1	H1-1b*
448	LFRS201	L3X3X3	0.828	14.255	240	0.002	14.255	y	346	7.973	32.635	14.638	12.415	1.136	H2-1*
449	LFRS202	L3X3X3	0.497	13.028	301	0.002	13.028	y	347	7.973	32.635	14.638	13.386	1.136	H2-1*

Envelope AISC 15TH (360-16): ASD Member Steel Code Checks (Continued)

	Member	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc[ft]	Dir	LC	Pnc/om [k]	Pnt/om [k]	Mnyy/om [k-in]	Mnzz/om [k-in]	Cb	Eqn
450	LFRS203	W12X14	0.63	1.633	252	0.059	3.266	z	250	36.193	124.551	56.886	318.275	1.144	H1-1a
451	LFRS204	L3X3X3	0.192	14.255	281	0.002	14.255	y	347	7.973	32.635	14.638	12.415	1.136	H2-1*
452	LFRS205	LL3X3X3X3	0.047	8.25	279	0.002	8.25	y	345	28.683	65.269	61.468	40.192	1	H1-1b*
453	LFRS206	W12X26	0.617	11.458	151	0.021	11.458	y	151	121.53	229.042	244.611	434.541	1.346	H1-1a
454	PARAPET1	W8X18	0.159	0	146	0.074	0	y	146	133.89	157.485	139.521	508.982	2.322	H1-1b
455	PARAPET2	W8X18	0.191	0	158	0.089	0	y	158	133.89	157.485	139.521	508.982	2.322	H1-1b
456	PARAPET3	W8X18	0.185	0	156	0.086	0	y	156	133.89	157.485	139.521	508.982	2.323	H1-1b
457	PARAPET4	W8X18	0.404	0	173	0.041	0	y	155	133.89	157.485	139.521	508.982	1.667	H1-1b
458	PARAPET5	W8X18	0.153	0	158	0.071	0	y	158	133.89	157.485	139.521	508.982	2.323	H1-1b
459	PARAPET6	W8X18	0.191	0	156	0.089	0	y	156	133.89	157.485	139.521	508.982	2.322	H1-1b
460	SCREEN10	HSS4X4X3	0.299	8	174	0.054	16	z	305	25.32	77.246	109.88	109.88	1.136	H1-1b
461	SCREEN11	HSS4X4X3	0.022	3.5	174	0.097	3.5	y	145	73.215	77.246	109.88	109.88	1.136	H1-1b*
462	SCREEN12	HSS4X4X3	0.221	7.813	156	0.306	15	z	156	28.809	77.246	109.88	109.88	1.136	H3-6
463	SCREEN13	HSS4X4X3	0.15	8	172	0.031	16	z	305	25.32	77.246	109.88	109.88	1.136	H1-1b
464	SCREEN14	HSS4X4X3	0.536	0	174	0.051	2.06	z	173	62.105	77.246	109.88	109.88	3	H1-1b
465	SCREEN15	HSS4X4X3	0.275	7.813	156	0.385	15	z	156	28.809	77.246	109.88	109.88	1.136	H3-6
466	SCREEN16	HSS5X5X4	0.539	0	155	0.05	2.657	y	156	108.72	128.743	227.844	227.844	2.055	H1-1b
467	SCREEN17	HSS4X4X3	0.666	0	173	0.096	2.657	z	173	59.482	77.246	109.88	109.88	1.639	H1-1b
468	SCREEN18	HSS4X4X3	0.542	0	174	0.051	2.06	z	174	62.105	77.246	109.88	109.88	2.665	H1-1b
469	SCREEN19	HSS4X4X3	0.642	0	174	0.098	2.657	z	174	59.482	77.246	109.88	109.88	1.755	H1-1b
470	SCREEN20	HSS5X5X4	1.002	0	156	0.077	2.657	y	156	108.72	128.743	227.844	227.844	1.9	H1-1b
471	SCREEN21	HSS4X4X3	0.15	8	174	0.017	16	z	173	25.32	77.246	109.88	109.88	1.136	H1-1b
472	SCREEN22	HSS4X4X3	0.3	8	174	0.029	16	z	174	25.32	77.246	109.88	109.88	1.136	H1-1b
473	SCREEN23	HSS4X4X3	0.366	12.5	155	0.047	25	z	156	10.371	77.246	109.88	109.88	1.136	H1-1b
474	SCREEN24	HSS4X4X3	0.009	1.75	197	0.053	3.5	z	157	73.215	77.246	109.88	109.88	1.136	H1-1b
475	SCREEN25	HSS4X4X3	0.367	12.5	155	0.068	25	z	156	10.371	77.246	109.88	109.88	1.136	H1-1b
476	TRUSS10	W10X22	0.006	0	344	0.001	0	y	355	190.669	194.311	182.635	778.443	1.667	H1-1b
477	TRUSS11	W10X49	0.883	9.297	218	0.175	0.911	y	150	277.129	431.138	847.305	1808.383	1.139	H1-1a
478	TRUSS12	W10X77	0.922	6.563	218	0.179	0.911	y	213	445.428	679.641	1374.251	2922.156	1.126	H1-1a
479	TRUSS13	W14X193	0.917	21.328	244	0.09	14.219	y	244	1138.263	1700.599	5389.222	9951.172	1	H1-1a
480	TRUSS14	W14X120	0.915	50	218	0.118	4.167	y	244	661.032	1056.886	3053.892	5628.982	1	H1-1a
481	TRUSS15	LL8X8X12X6	0.965	15.258	218	0.005	30.516	y	344	156.921	688.623	1715.971	1112.843	1	H1-1a
482	TRUSS16	W10X49	0.837	9.115	218	0.164	0.911	y	150	277.129	431.138	847.305	1799.464	1.134	H1-1a
483	TRUSS17	W10X33	0.967	8.932	218	0.184	0.911	y	277	135.894	290.719	419.162	1001.245	1.129	H1-1a
484	TRUSS18	W14X211	0.958	12.634	144	0.129	39.125	y	236	1249.155	1856.287	5928.144	11002.384	1	H1-1a
485	TRUSS19	LL6X6X6X6	0.794	15.258	244	0.005	30.516	y	345	34.523	262.275	494.446	301.801	1	H1-1a
486	TRUSS20	W10X88	0.823	1.094	144	0.243	0.911	y	218	513.338	778.443	1589.82	3383.234	1.659	H1-1a
487	TRUSS21	W10X33	0.872	8.75	218	0.195	0.911	y	279	135.894	290.719	419.162	996.557	1.124	H1-1a
488	TRUSS22	LL8X8X12X6	0.924	15.258	218	0.005	30.516	y	345	156.921	688.623	1715.971	1112.843	1	H1-1a
489	TRUSS23	W10X22	0.007	0	344	0.001	0	y	355	190.669	194.311	182.635	778.443	1.667	H1-1b
490	TRUSS24	LL8X8X8X6	0.898	15.258	218	0.006	30.516	y	345	109.396	470.06	1138.261	746.461	1	H1-1a
491	TRUSS25	W10X22	0.469	8.568	218	0.055	17.5	y	284	38.855	194.311	182.635	390.362	1.136	H1-1a
492	TRUSS26	LL4X4X4X3	0.683	11.649	214	0.003	21.506	y	345	13.541	115.569	139.566	87.07	1	H1-1a
493	TRUSS27	W10X22	0.006	0	345	0.001	0	y	355	190.669	194.311	182.635	778.443	1.667	H1-1b
494	TRUSS28	W14X233	0.923	0	218	0.019	25	y	153	1385.839	2050.898	6616.766	12375.491	1	H1-1a
495	TRUSS29	W14X145	0.912	13.542	218	0.027	12.5	y	279	844.164	1278.443	3982.036	7111.506	1	H1-1a
496	TRUSS30	W10X22	0.007	0	345	0.001	0	y	346	190.669	194.311	182.635	778.443	1.667	H1-1b
497	TRUSS31	W10X77	0.882	6.745	218	0.169	0	y	244	445.428	679.641	1374.251	2922.156	1.125	H1-1a
498	TRUSS32	W14X233	0.938	50	218	0.016	37.5	y	153	1385.839	2050.898	6616.766	12375.491	1	H1-1a
499	TRUSS33	LL4X4X4X3	0.153	0	214	0.003	21.506	y	344	13.541	115.569	139.566	87.07	1	H1-1b*
500	TRUSS34	LL6X6X6X6	0.905	15.258	218	0.005	30.516	y	344	34.523	262.275	494.446	301.801	1	H1-1a
501	TRUSS35	LL8X8X8X6	0.961	15.258	218	0.006	30.516	y	344	109.396	470.06	1138.261	746.461	1	H1-1a
502	TRUSS36	W10X88	0.869	1.094	144	0.138	0.911	y	216	513.338	778.443	1589.82	3383.234	1.659	H1-1a
503	TRUSS37	LL8X8X14X6	0.952	13.909	218	0.005	27.819	y	345	214.455	796.407	2007.686	1292.743	1	H1-1a
504	TRUSS38	W14X145	0.927	34.125	218	0.024	34.125	y	153	844.164	1278.443	3982.036	7111.506	1	H1-1a
505	TRUSS39	W10X22	0.006	0	344	0.001	0	y	355	190.669	194.311	182.635	778.443	1.667	H1-1b
506	TRUSS40	W10X22	0.007	0	345	0.001	0	y	354	190.669	194.311	182.635	778.443	1.667	H1-1b
507	TRUSS41	W10X22	0.006	0	345	0.001	0	y	354	190.669	194.311	182.635	778.443	1.667	H1-1b
508	TRUSS42	W10X22	0.006	0	344	0.001	0	y	347	190.669	194.311	182.635	778.443	1.667	H1-1b
509	TRUSS43	LL8X8X18X6	0.938	15.931	218	0.006	31.861	y	344	201.534	1005.988	2602.556	1620.811	1	H1-1a
510	TRUSS44	W14X145	0.806	12.227	218	0.066	39.125	y	240	844.164	1278.443	3982.036	7111.506	1	H1-1a
511	TRUSS45	W14X120	0.874	0	218	0.103	37.5	y	214	661.032	1056.886	3053.892	5628.982	1	H1-1a
512	M678	HSS6X4X6	0.082	6.666	144	0.012	13.333	y	144	85.132	185.03	267.665	356.287	1.136	H1-1b
513	M679	HSS6X4X6	0.181	0	144	0.029	0	y	144	164.047	185.03	267.665	356.287	1.999	H1-1b
514	M680	HSS6X4X6	0.107	6.666	144	0.015	13.333	y	144	85.132	185.03	267.665	356.287	1.136	H1-1b
515	M681	HSS6X4X6	0.181	0	144	0.029	0	y	144	164.047	185.03	267.665	356.287	1.999	H1-1b
516	M682	W10X22	0.13	7.653	178	0.071	0	z	347	74.161	194.311	182.635	583.862	1.118	H1-1b
517	M683	W14X233	0.938	0	218	0.013	50	y	171	1385.839	2050.898	6616.766	12375.491	1	H1-1a

Envelope AISC 15TH (360-16): ASD Member Steel Code Checks (Continued)

	Member	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc[ft]	Dir	LC	Pnc/om [k]	Pnt/om [k]	Mnyy/om [k-in]	Mnzz/om [k-in]	Cb	Eqn
518	M673	BU60X15-24-5	0.915	13.757	218	0.153	27.515	y	144	968.189	2067.737	5603.319	46205.866	1	H1-1b
519	M674	BU60X14-24-5	0.933	0	218	0.456	27.515	y	218	834.517	1968.934	4887.002	43392.68	1	H1-1b
520	M675	BU60X12-20-5	0.953	13.757	250	0.109	27.515	y	250	458.668	1578.862	3010.157	32462.032	1	H1-1b
521	M676	BU60X14-16-5	0.921	0	250	0.326	27.515	y	250	538.083	1518.132	3274.031	30874.331	1	H1-1b
522	M677	BU60X15-24-5	0.934	13.757	218	0.155	0	y	218	968.189	2067.737	5603.319	46205.866	1	H1-1b
523	M684	BU60X14-24-5	0.952	0	218	0.458	27.515	y	218	834.517	1968.934	4887.002	43392.68	1	H1-1b
524	M685	BU60X16-24-5	0.908	13.757	218	0.17	27.515	y	144	1100.4	2166.539	6369.038	49019.596	1	H1-1b
525	M686	BU60X15-24-5	0.907	0	218	0.47	27.515	y	218	968.189	2067.737	5603.319	46205.866	1	H1-1b
526	M687	BU60X14-24-5	0.948	13.757	218	0.15	0	y	244	834.517	1968.934	4887.002	43392.68	1	H1-1b
527	M688	BU60X16-20-5	0.917	0	218	0.434	27.515	y	218	911.858	1908.204	5315.546	41910.605	1	H1-1b
528	M689	BU60X15-24-5	0.941	13.757	218	0.154	0	y	218	968.189	2067.737	5603.319	46205.866	1	H1-1b
529	M690	BU60X14-24-5	0.959	0	218	0.458	27.515	y	218	834.517	1968.934	4887.002	43392.68	1	H1-1b
530	M691	BU60X15-24-5	0.914	13.757	218	0.153	27.515	y	144	968.189	2067.737	5603.319	46205.866	1	H1-1b
531	M692	BU60X14-24-5	0.932	0	218	0.451	27.515	y	218	834.517	1968.934	4887.002	43392.68	1	H1-1b
532	M693	BU60X16-24-5	0.919	13.757	218	0.167	27.515	y	218	1100.4	2166.539	6369.038	49019.596	1	H1-1b
533	M694	BU60X15-24-5	0.916	0	218	0.472	27.515	y	218	968.189	2067.737	5603.319	46205.866	1	H1-1b
534	M695	BU60X16-20-5	0.91	13.757	218	0.172	0	y	218	911.858	1908.204	5315.546	41910.605	1	H1-1b
535	M696	BU60X15-20-5	0.91	0	144	0.408	27.515	y	144	799.581	1825.868	4677.448	39547.424	1	H1-1b
536	M672	HSS6X4X6	0.822	0	144	0.478	0	y	144	160.154	185.03	267.665	356.287	2.041	H3-6
537	M697	HSS6X4X6	0.369	0	144	0.05	0	y	144	160.154	185.03	267.665	356.287	2.01	H1-1b
538	M698	HSS6X4X6	0.042	0	144	0.009	0	y	144	170.996	185.03	267.665	356.287	2.174	H1-1b
539	M699	HSS6X4X6	0.055	0	144	0.012	0	y	144	170.996	185.03	267.665	356.287	2.208	H1-1b
540	M700	HSS6X4X6	0.797	0	144	0.111	0	y	144	160.154	185.03	267.665	356.287	2.027	H1-1b
541	M701	HSS6X4X6	0.406	0	144	0.057	0	y	144	160.154	185.03	267.665	356.287	2.032	H1-1b
542	M702	HSS6X4X6	0.3	12.5	144	0.023	25	y	144	24.884	185.03	267.665	356.287	1.136	H1-1b
543	M703	HSS6X4X6	0.413	12.5	144	0.032	25	y	144	24.884	185.03	267.665	356.287	1.136	H1-1b
544	M704	HSS6X4X6	0.406	0	144	0.057	0	y	144	160.154	185.03	267.665	356.287	2.032	H1-1b
545	M705	HSS6X4X6	0.406	0	144	0.057	0	y	144	160.154	185.03	267.665	356.287	2.032	H1-1b
546	M706	HSS6X4X6	0.3	12.5	144	0.023	25	y	144	24.884	185.03	267.665	356.287	1.136	H1-1b
547	M707	HSS6X4X6	0.413	12.5	144	0.032	25	y	144	24.884	185.03	267.665	356.287	1.136	H1-1b
548	M708	HSS6X4X6	0.406	0	144	0.057	0	y	144	160.154	185.03	267.665	356.287	2.032	H1-1b
549	M710	HSS6X4X6	0.3	12.5	144	0.023	25	y	144	24.884	185.03	267.665	356.287	1.136	H1-1b
550	M711	HSS6X4X6	0.413	12.5	144	0.032	25	y	144	24.884	185.03	267.665	356.287	1.136	H1-1b
551	M709	HSS6X4X6	0.002	2	345	0.001	4	y	364-1	172.543	185.03	267.665	356.287	1.136	H1-1b
552	M712	HSS6X4X6	0.25	11.458	144	0.025	25	y	144	24.884	185.03	267.665	356.287	1.178	H1-1b
553	M713	HSS6X4X6	0.286	10.417	144	0.046	25	y	144	24.884	185.03	267.665	356.287	1.261	H1-1b

Material Take-Off

	Material	Size	Pieces	Length[ft]	Weight[K]
1	General Members				
2	RIGID		3	49.3	0
3	Total General		3	49.3	0
4					
5	Hot Rolled Steel				
6	A500 Gr.C RECT	HSS6X4X6	35	458.2	10.362
7	A500 Gr.C RECT	HSS10X10X4	2	61.5	2.016
8	A500 Gr.C RECT	HSS12X12X5	2	60.7	2.978
9	A500 Gr.C RECT	HSS12X12X8	1	21.1	1.612
10	A500 Gr.C RECT	HSS12X12X10	1	32	3.007
11	A500 Gr.C RECT	HSS6X6X3	47	1044.6	15.215
12	A500 Gr.C RECT	HSS8X8X3	35	787.5	15.477
13	A500 Gr.C RECT	HSS5X5X3	35	814.1	9.772
14	A500 Gr.C RECT	HSS4X4X3	14	180.6	1.705
15	A500 Gr.C RECT	HSS5X5X4	2	15.5	0.243
16	A572 Gr.55	BU60X10-16-5	1	32.2	4.17
17	A572 Gr.55	BU60X12-16-5	2	64.3	9.215
18	A572 Gr.55	BU60X12-20-5	3	91.8	14.983
19	A572 Gr.55	BU60X12-20-6	2	64.3	11.288
20	A572 Gr.55	BU60X13-16-5	2	64.3	9.653
21	A572 Gr.55	BU60X14-16-5	10	312.4	48.996
22	A572 Gr.55	BU60X14-24-5	9	247.6	50.376
23	A572 Gr.55	BU60X15-20-5	2	55	10.381
24	A572 Gr.55	BU60X16-20-5	3	82.5	16.274
25	A572 Gr.55	BU60X16-24-5	2	55	12.318
26	A572 Gr.55	BU60X9-16-5	1	32.2	3.951
27	A572 Gr.55	BU60X15-24-5	8	220.1	47.026
28	A992	L3.5X3.5X4	8	283	1.637
29	A992	L3X3X3	26	639	2.37

Material Take-Off (Continued)

	Material	Size	Pieces	Length[ft]	Weight[K]
30	A992	L3X3X4	28	925.1	4.533
31	A992	L4X4X5	12	382.2	3.122
32	A992	LL3.5X3.5X4X3	14	416.1	4.814
33	A992	LL3X3X3X3	4	33	0.245
34	A992	LL4X4X4X3	34	881.8	11.583
35	A992	LL6X6X6X6	2	61	1.819
36	A992	LL8X8X12X6	2	61	4.777
37	A992	LL8X8X14X6	1	27.8	2.518
38	A992	LL8X8X18X6	1	31.9	3.643
39	A992	LL8X8X8X6	2	61	3.261
40	A992	W10X22	35	447.4	9.88
41	A992	W10X33	2	35	1.156
42	A992	W10X49	2	35	1.715
43	A992	W10X77	2	35	2.704
44	A992	W10X88	2	35	3.097
45	A992	W12X14	32	264	3.737
46	A992	W12X26	22	555.9	14.47
47	A992	W14X120	2	100	12.012
48	A992	W14X145	4	150	21.795
49	A992	W14X193	1	34.1	6.596
50	A992	W14X211	3	102.6	21.651
51	A992	W14X22	12	293.7	6.485
52	A992	W14X233	3	150	34.964
53	A992	W14X30	4	114.8	3.456
54	A992	W14X34	2	63.2	2.149
55	A992	W14X342	2	63.5	21.824
56	A992	W14X43	11	273.5	11.725
57	A992	W14X61	5	177.3	10.796
58	A992	W14X68	2	63.2	4.298
59	A992	W16X31	2	55.9	1.737
60	A992	W18X40	1	29.2	1.17
61	A992	W18X46	4	116.6	5.356
62	A992	W24X55	2	57.4	3.163
63	A992	W24X68	24	694.5	47.5
64	A992	W24X76	12	368.9	28.117
65	A992	W8X18	7	41.7	0.746
66	Total HR Steel		553	12957.6	627.638