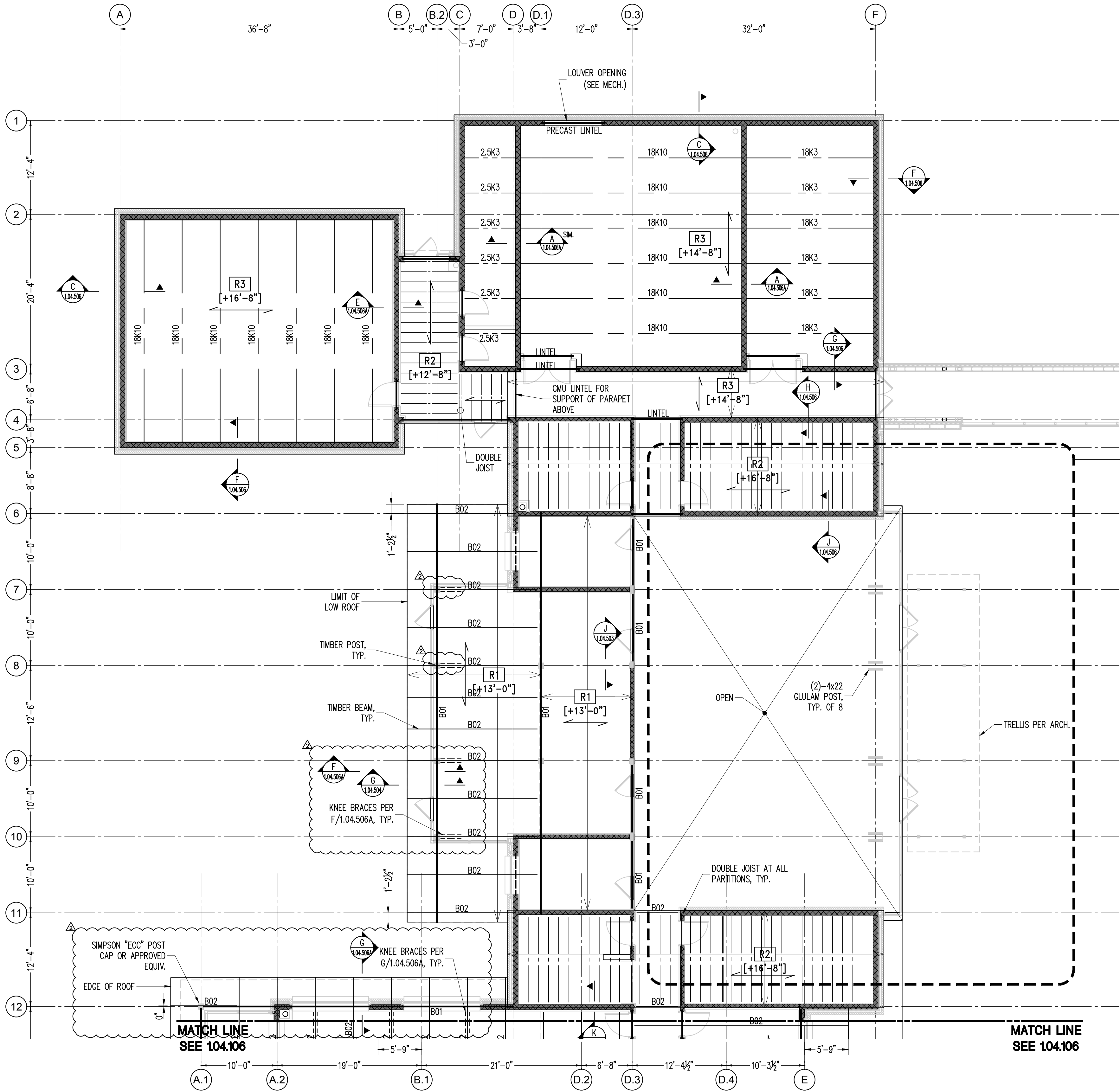


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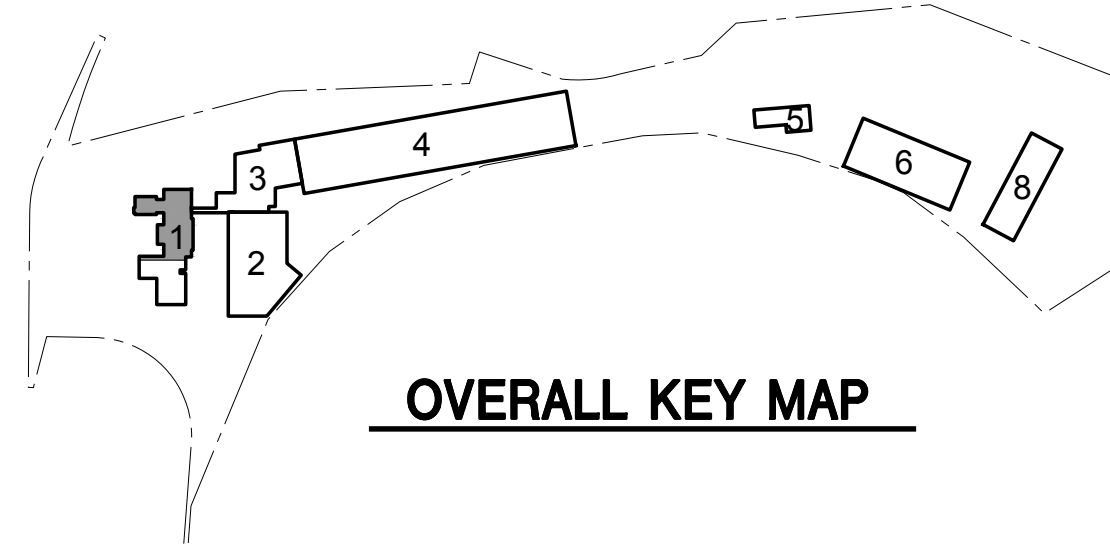
FRAMING LEGEND

- CMU LINTEL
- ===== GIRDER - B01 = 5"x24" GLULAM
- BEAM - B02 = 5"x16 1/2" GLULAM @ 5'-0" O.C. MAX.
- STEEL JOIST - SPACED AS SHOWN
- WOOD JOIST JOIST - 2x10 @ 16" O.C.
- POST - 8x8 GLULAM

ROOF DECK SCHEDULE			
SLAB MARK	MATERIAL	SPECIFICATION	FASTENERS
R1	3 1/2" CLT	FABRICATED PER ANSI/APA PRG 320/2012	REFER TO DETAIL C/1.04.503
R2	5/8" PLYWOOD	C-C EXPOSURE 1 APA RATED 480c SPAN RATING	8d @ 6" O.C. AT PERIMETER AND 12" O.C. AT INTERMEDIATE SUPPORTS
R3	1 1/2" - 18 GA. METAL DECK	TYPE B - GALVANIZED	5/8" PUDDLE WELD @ 36/7 PATTERN

ROOF FRAMING PLAN - 1
1/8"=1'-0"

- NOTES:
- [XX'-XX"] INDICATES TOP OF SLAB ELEVATION. ALL ELEVATIONS SHOWN THUS {XX'-XX"} ARE IN RELATION TO THIS DATUM.
 - [0'-0"] INDICATES NAVD ELEVATION 478'-00". ALL ELEVATIONS SHOWN THUS {XX'-XX"} ARE IN RELATION TO THIS DATUM.
 - [RX] INDICATES ROOF DECK TYPE, SEE ROOF DECK SCHEDULE THIS DRAWING.
 - FOR GENERAL NOTES, SEE 0.04.010 SERIES DRAWINGS.
 - FOR TYPICAL FOUNDATION DETAILS, SEE 0.04.500 SERIES DRAWINGS.
 - COORDINATE DRAIN LOCATIONS AND DETAILS WITH ARCH/MEP DRAWINGS.
 - PROVIDE FULL DEPTH BLOCKING AT SUPPORT POINTS FOR ALL TIMBER BEAMS.



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admin@iqlandscape.com
(914) 232-4090

PROJECT
**COUNTY OF ROCKLAND
CAPITAL PROJECT NO. 1307
HIGHWAY DEPARTMENT /
EMERGENCY OPERATIONS FACILITY**
COUNTY OF ROCKLAND, NEW YORK

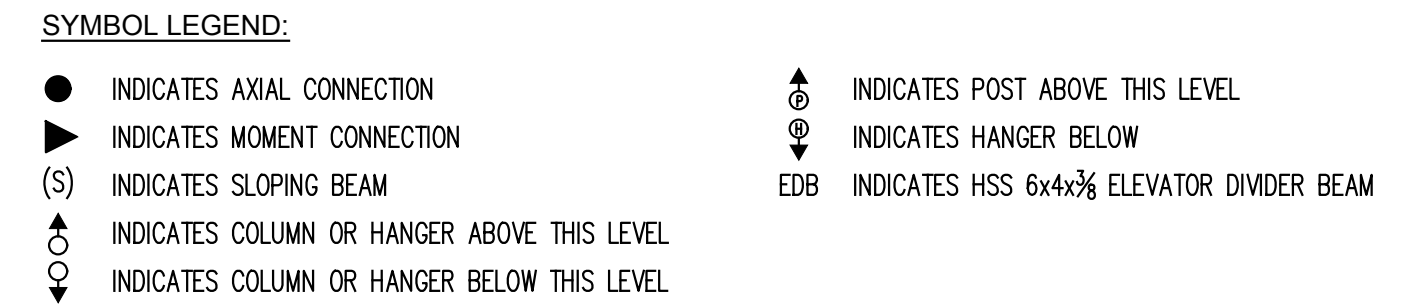
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T: 201.775.8000 F: 201.746.8522 www.mgmclaren.com

SEAL
THOMAS W. BRODERICK
No. 065994
REGISTERED PROFESSIONAL ENGINEER

SHEET NAME
**BUILDING 1 - STRUCTURAL
ROOF FRAMING PLAN - 1**

ADDENDUM#14

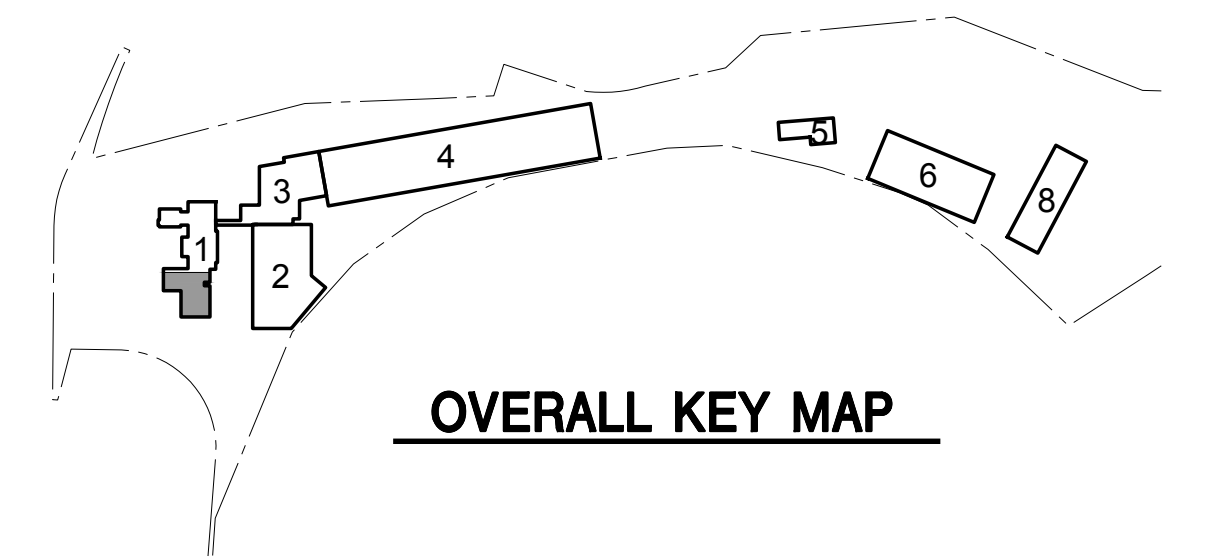
PROJECT NO. 130439
SCALE AS NOTED
DATE OCTOBER 30, 2019
DRAWN BY ACD
CHECKED BY AK
APPROVED BY TWB
ISSUED FOR **BID SET**
DRAWING NO. **1.04.105**
OF SHTS



- - - - - CMU LINTEL
 _____ GIRDER - B01 = 5"x24" GLULAM
 - - - - - BEAM - B02 = 5"x16 1/2" GLULAM @ 5'-0" O.C. MAX.
 - - - - - STEEL JOIST - SPACED AS SHOWN
 - - - - - WOOD JOIST JOIST - 2x10 @ 16" O.C.
 □ POST - 8x8 GLULAM

ROOF DECK SCHEDULE			
SLAB MARK	MATERIAL	SPECIFICATION	FASTENERS
R1	3½" CLT	FABRICATED PER ANSI/APA PRG 320/2012	REFER TO DETAIL C/1.04.503
R2	¾" PLYWOOD	C-C EXPOSURE 1 APA RATED 48oc SPAN RATING	8d @ 6" O.C. AT PERIMETER AND 12" O.C. AT INTERMEDIATE SUPPORTS
R3	1½" – 18 GA. METAL DECK	TYPE B – GALVANIZED	¾" PUDDLE WELD @ 36/7 PATTERN

- NOTES:**
1. [XX'-XX''] INDICATES TOP OF SLAB ELEVATION. ALL ELEVATIONS SHOWN THUS (XX'-XX'') ARE IN RELATION TO THIS DATUM.
 2. [0'-0''] INDICATES NAVD ELEVATION 478'-00". ALL ELEVATIONS SHOWN THUS (XX'-XX'') ARE IN RELATION TO THIS DATUM.
 3. [SX] INDICATES SLAB TYPE, SEE SLAB SCHEDULE THIS DRAWING.
 4. FOR GENERAL NOTES, SEE 0.04.010 SERIES DRAWINGS.
 5. FOR TYPICAL FOUNDATION DETAILS, SEE 0.04.500 SERIES DRAWINGS.
 6. COORDINATE DRAIN LOCATIONS AND DETAILS WITH ARCH/MEP DRAWINGS.
 7. PROVIDE FULL DEPTH BLOCKING AT SUPPORT POINTS OF ALL TIMBER BEAMS.



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MEP ENGINEER

Gannett Fleming

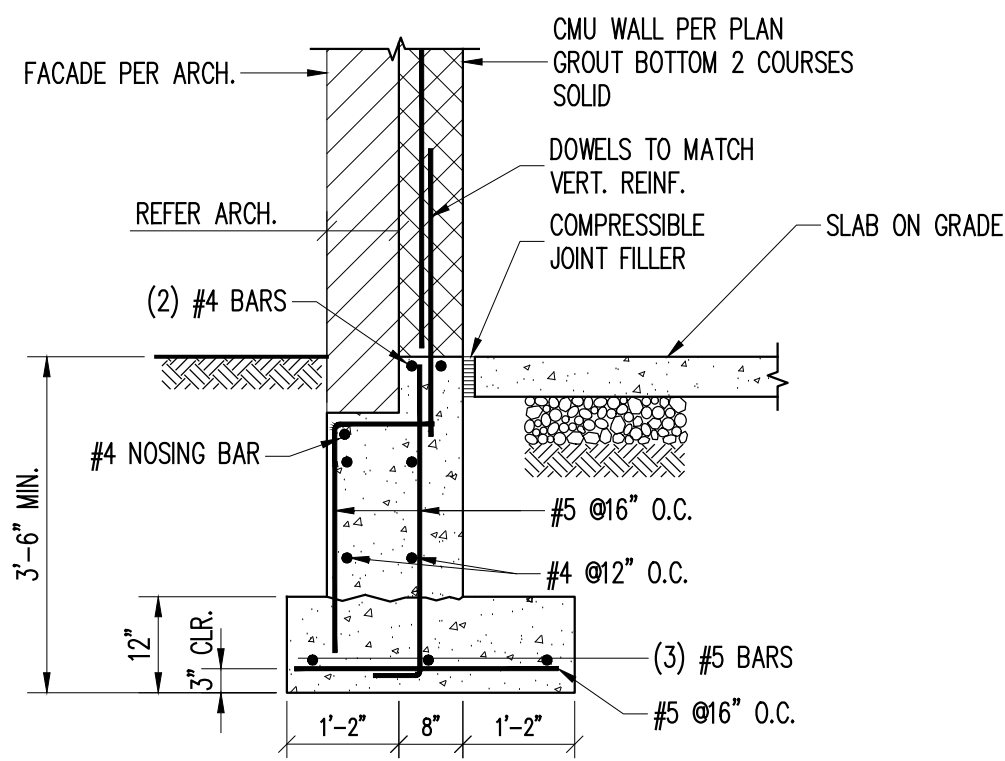
FACILITIES
CONSULTANT

PROJECT

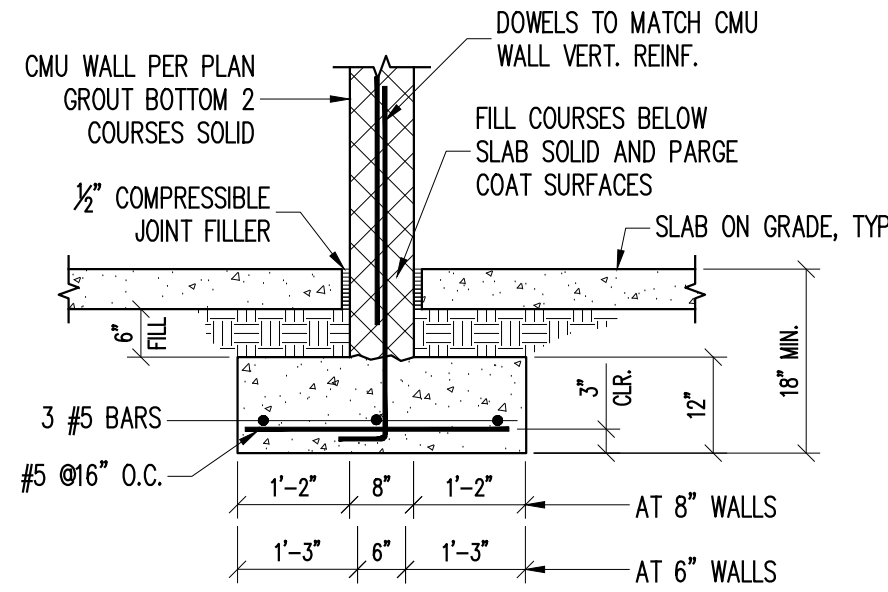
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				PROJECT NO. 130439		ISSUED FOR	
				SCALE AS NOTED		BID SET	
				DATE OCTOBER 30, 2019		DRAWING NO. 1.04.106	
				DRAWN BY ACD			
				CHECKED BY AK			
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2	12/09/19	ADDENDUM 08		ATF			

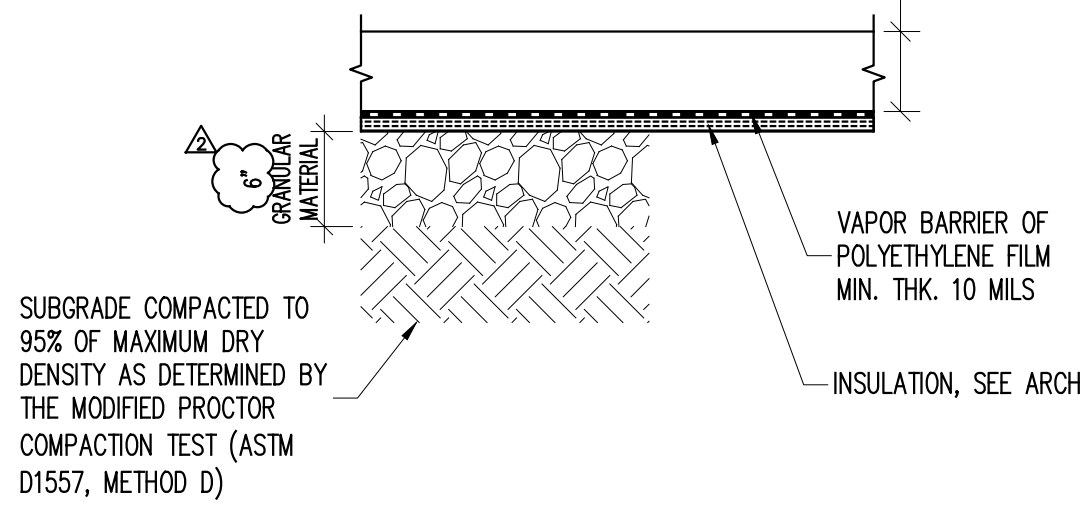
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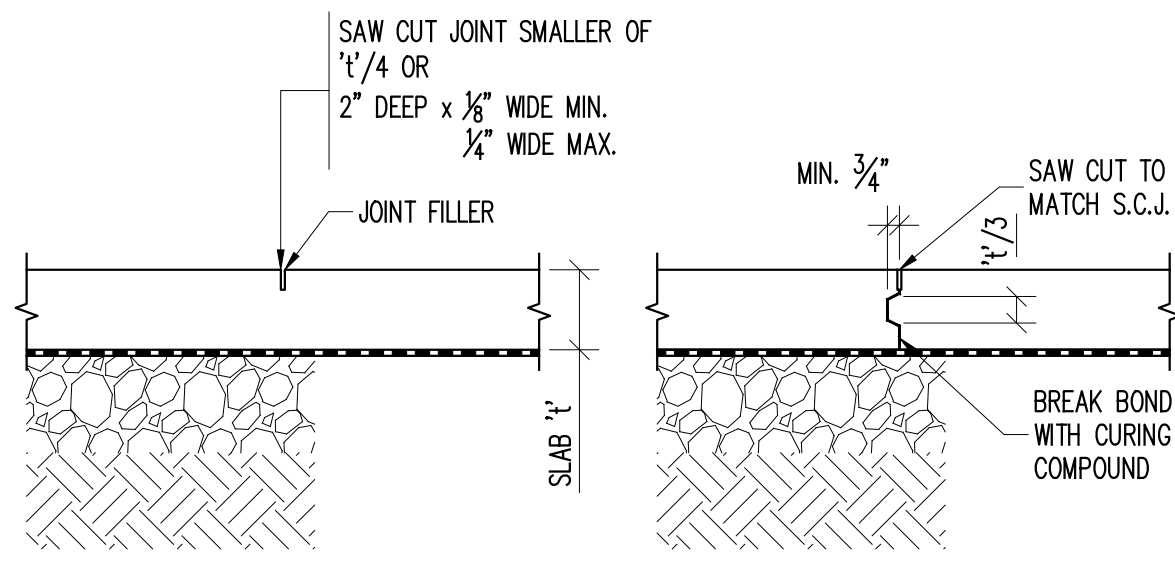
A TYPICAL EXTERIOR BEARING WALL FOUNDATION DETAIL
1.04.501 NTS



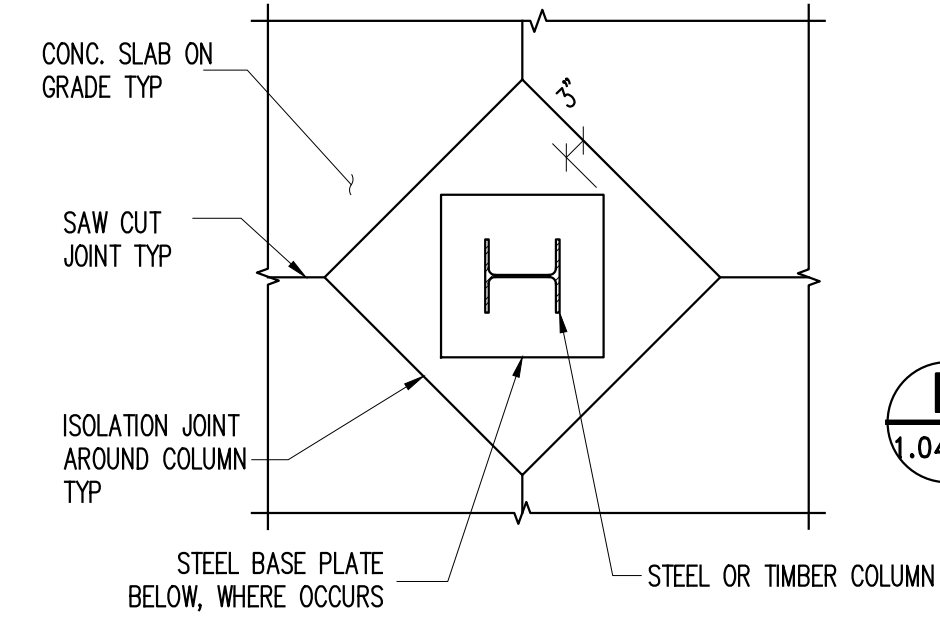
B TYPICAL INTERIOR BEARING WALL FOUNDATION DETAIL
1.04.501 NTS



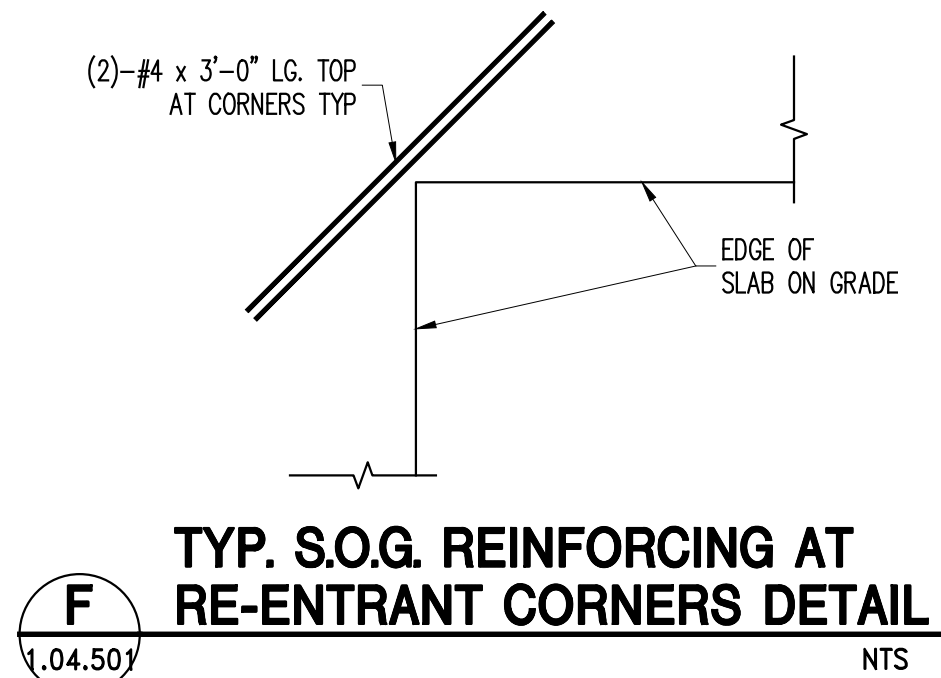
C TYP. SLAB ON GRADE DETAIL
1.04.501 NTS



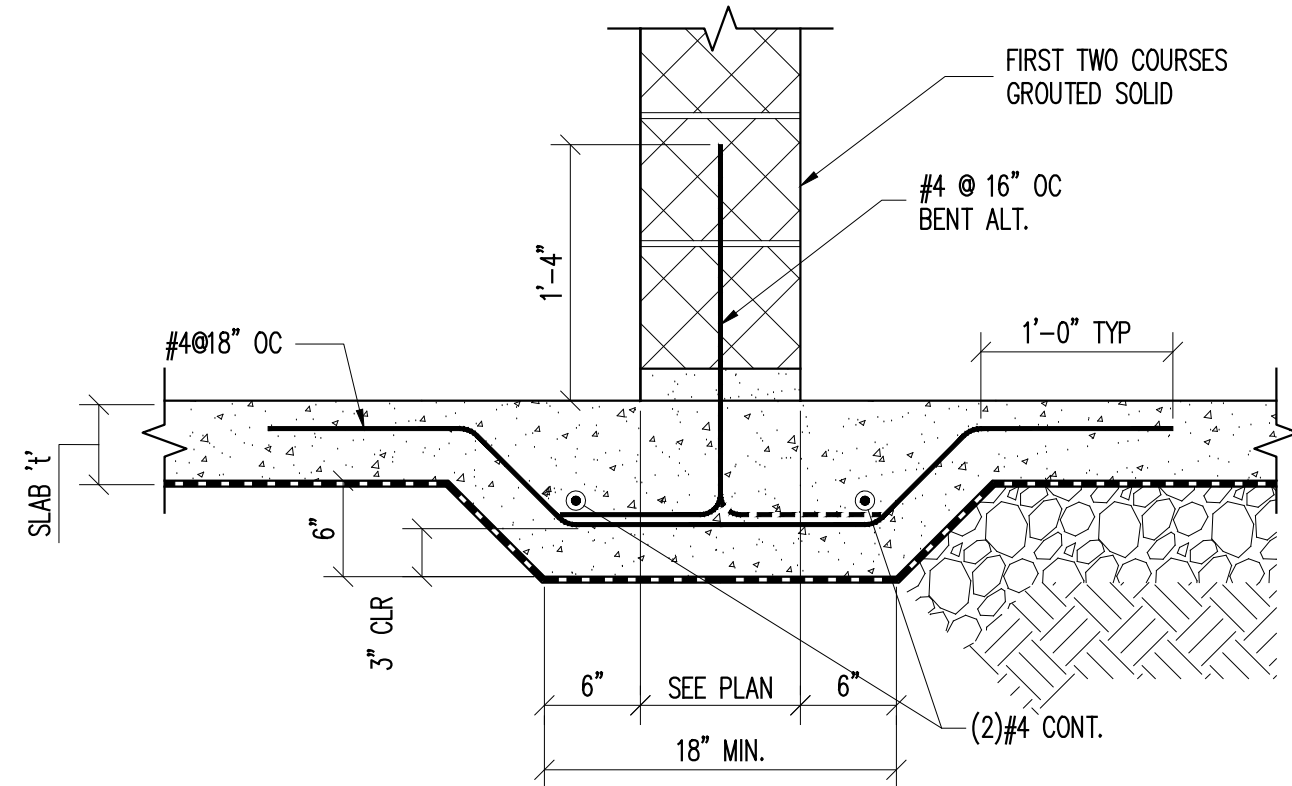
D TYP. SLAB ON GRADE JOINT DETAIL
1.04.501 NTS



E TYP. SLAB JOINTS AROUND COLUMN DETAIL
1.04.501 NTS

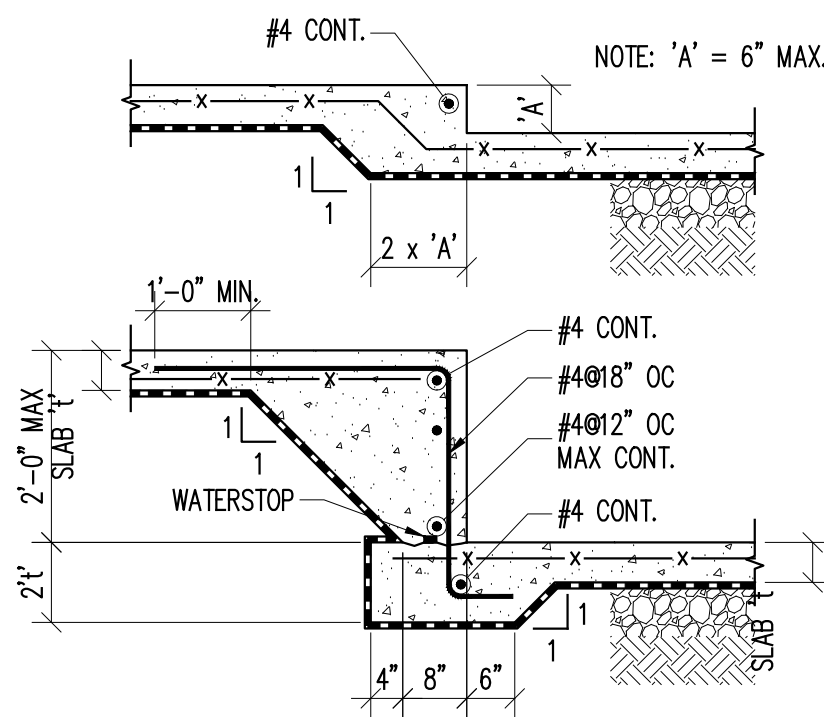


F TYP. S.O.G. REINFORCING AT RE-ENTRANT CORNERS DETAIL
1.04.501 NTS

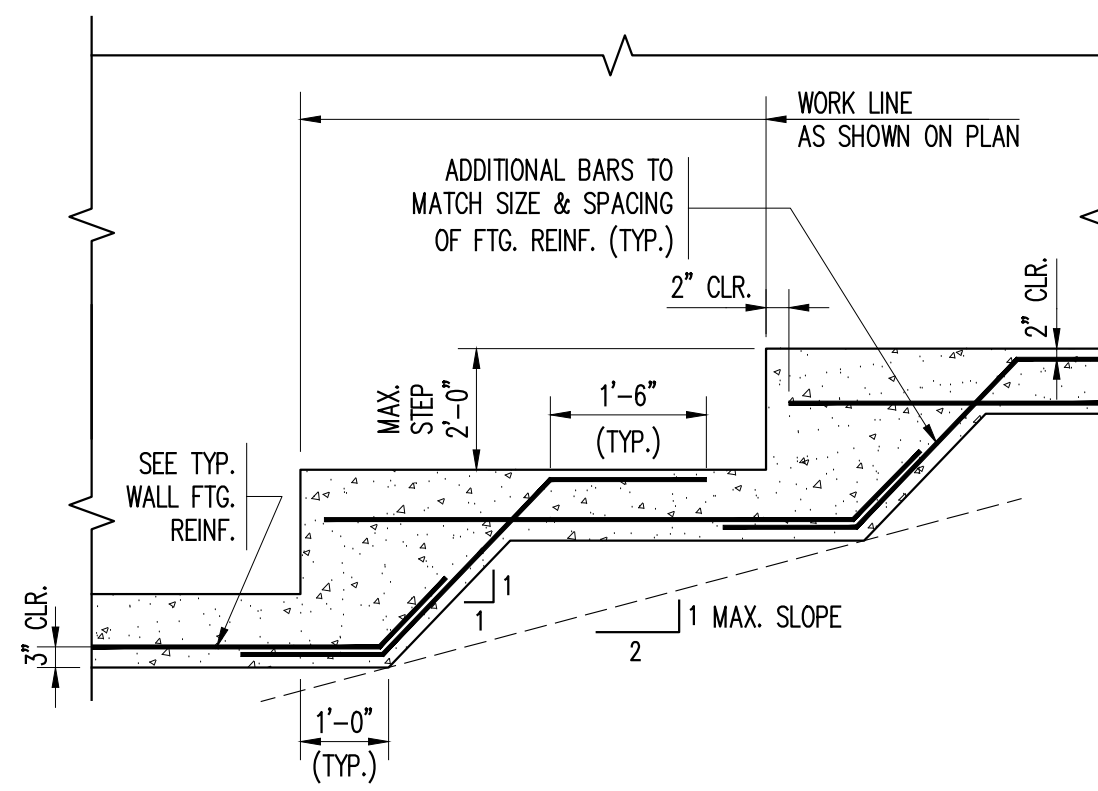


G TYP. CMU PARTITION WALL ON SOG DETAIL
1.04.501 NTS

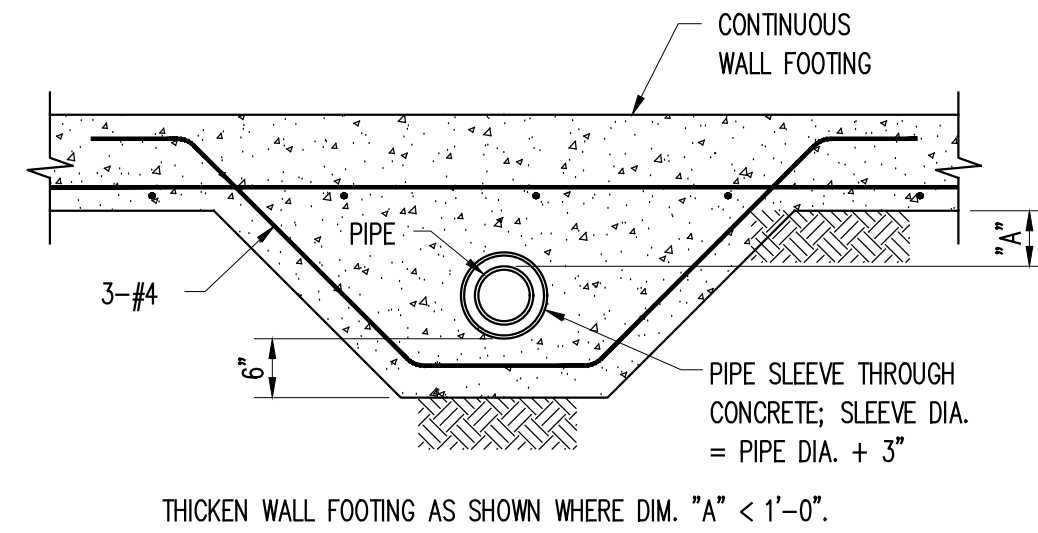
NOTE: THIS DETAIL APPLIES TO NON-LOAD BEARING PARTITIONS ONLY. STRUCTURAL WALLS ARE SHOWN AS HATCHED ON DRAWINGS 1.03.104 AND 1.03.105. FOR NON-STRUCTURAL WALLS REFER TO ARCHITECTURAL DRAWINGS.



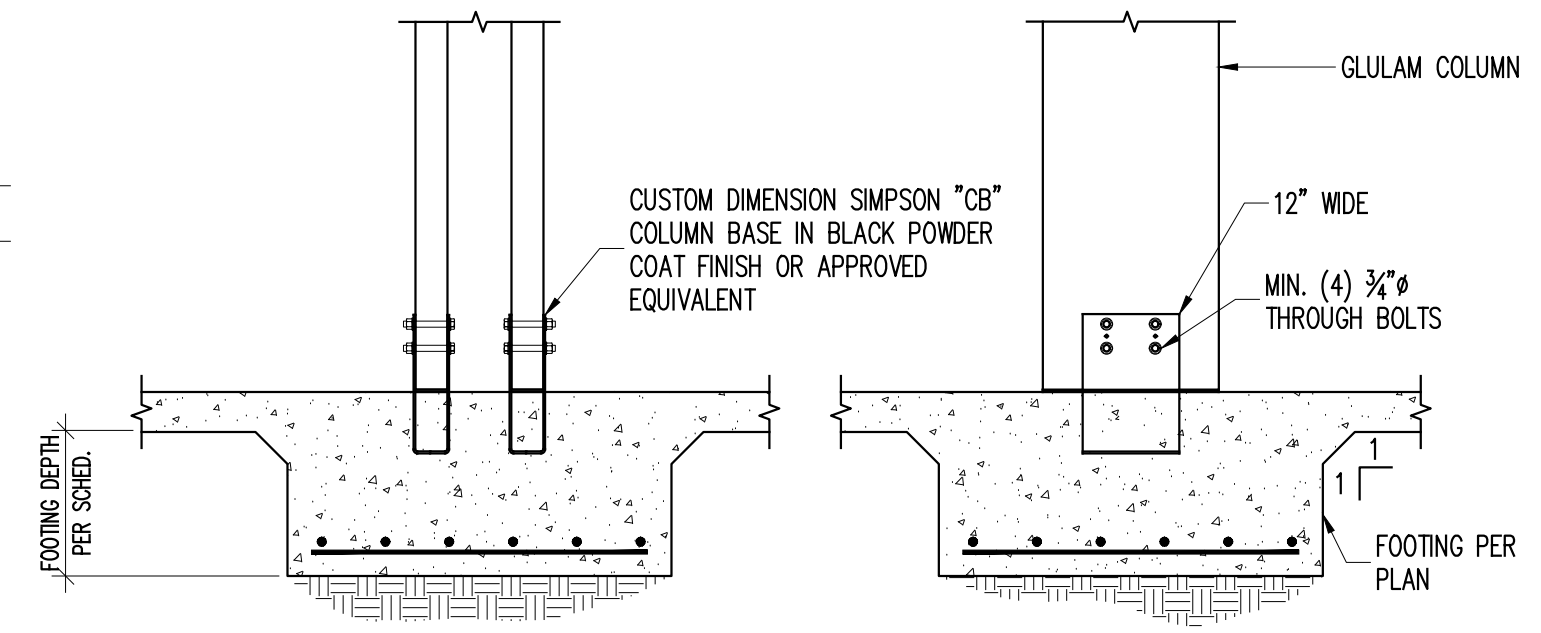
H TYP. DEPRESSION AT SLAB ON GRADE DETAIL
1.04.501 NTS



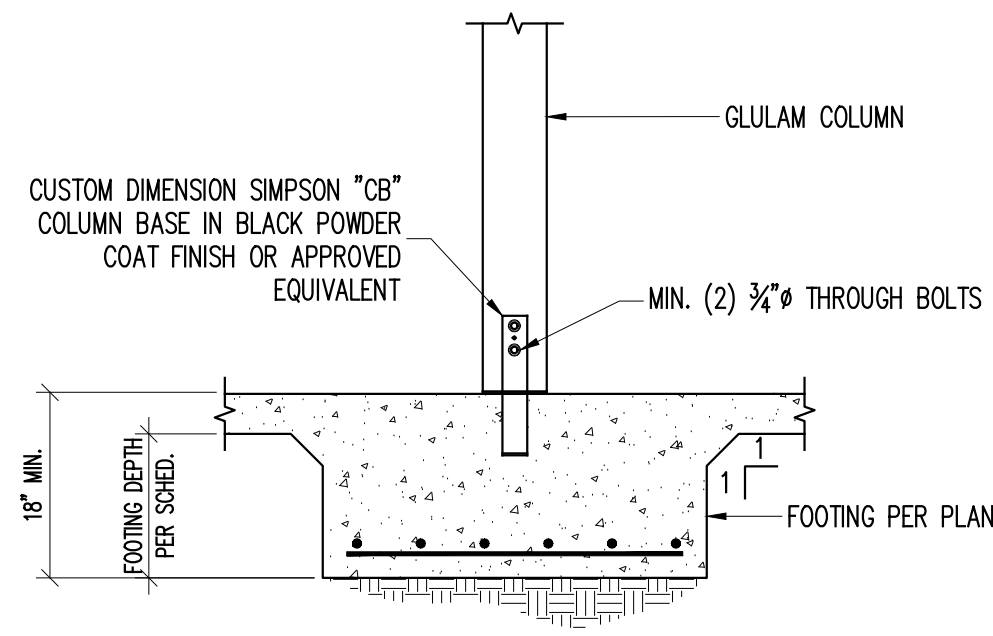
J TYP. STEPPED FOOTING DETAIL
1.04.501 N.T.S.



K TYPICAL PIPE BELOW WALL FOOTING
1.04.501 N.T.S.

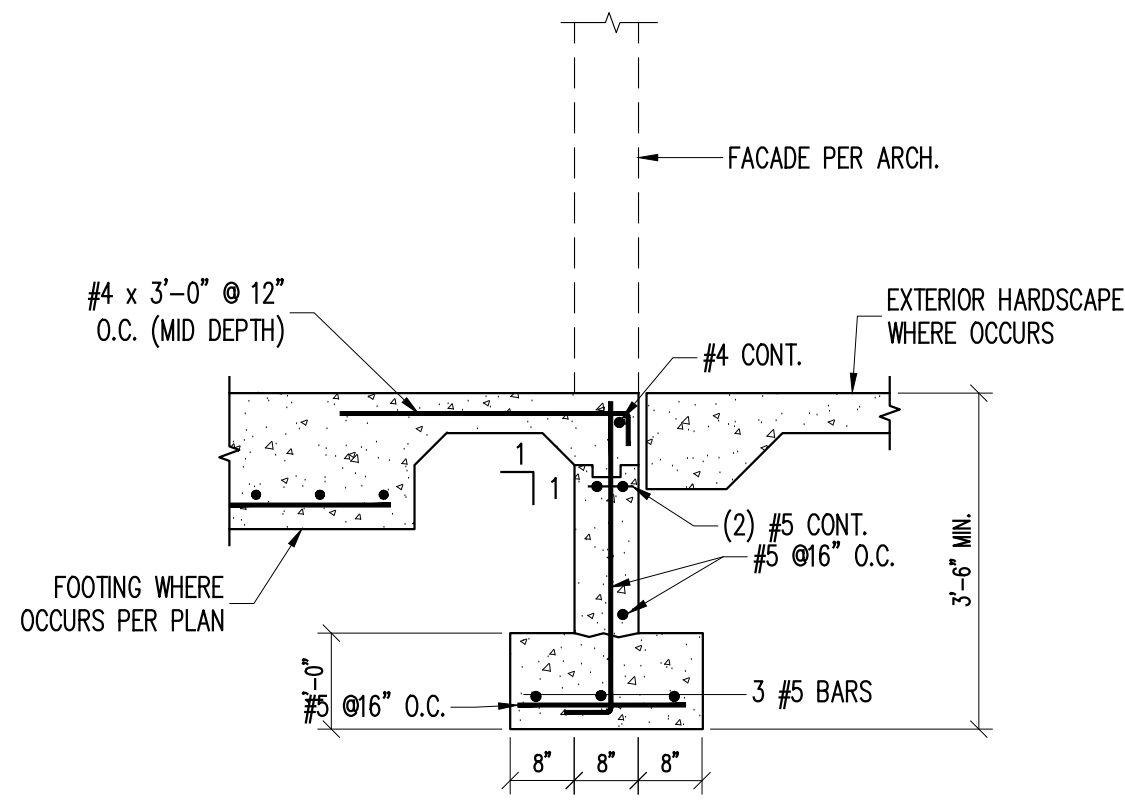


L GLULAM COLUMN BASE CONNECTION
1.04.501 N.T.S.

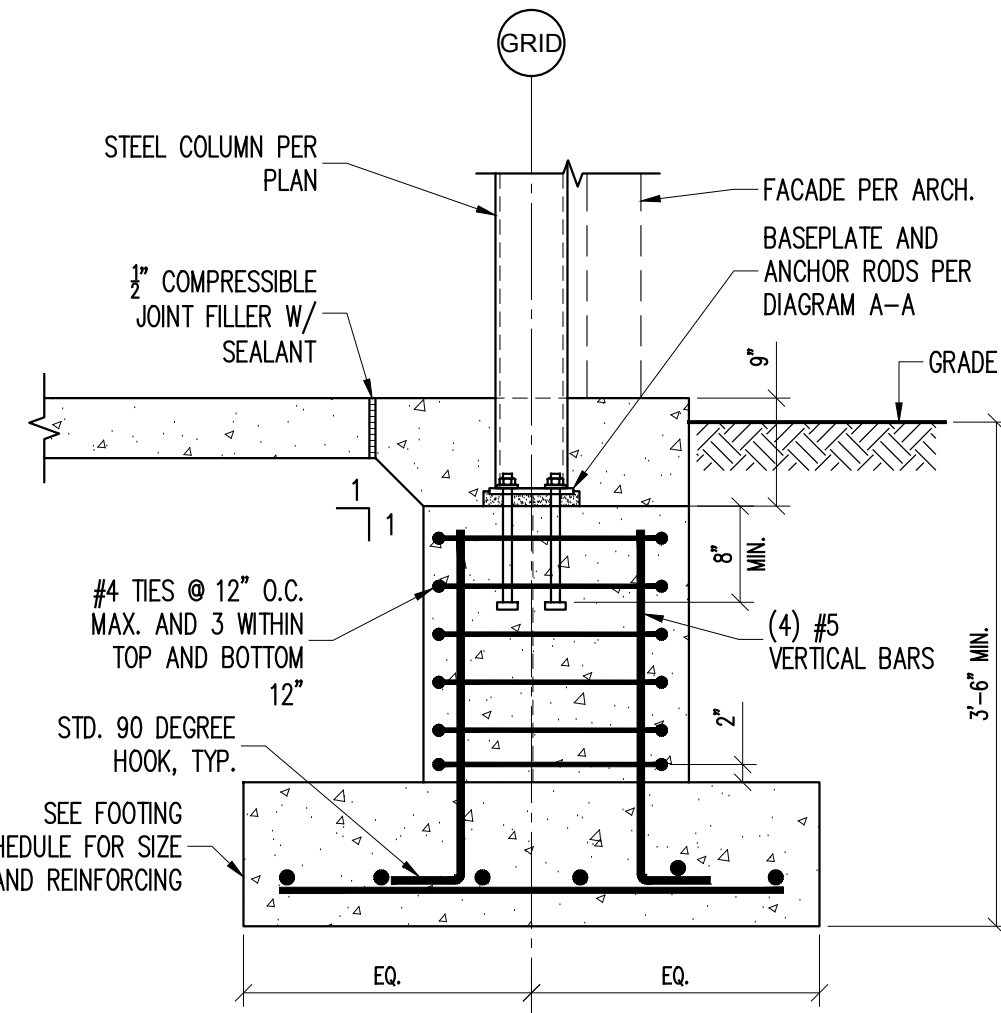


M GLULAM COLUMN BASE CONNECTION
1.04.501 N.T.S.

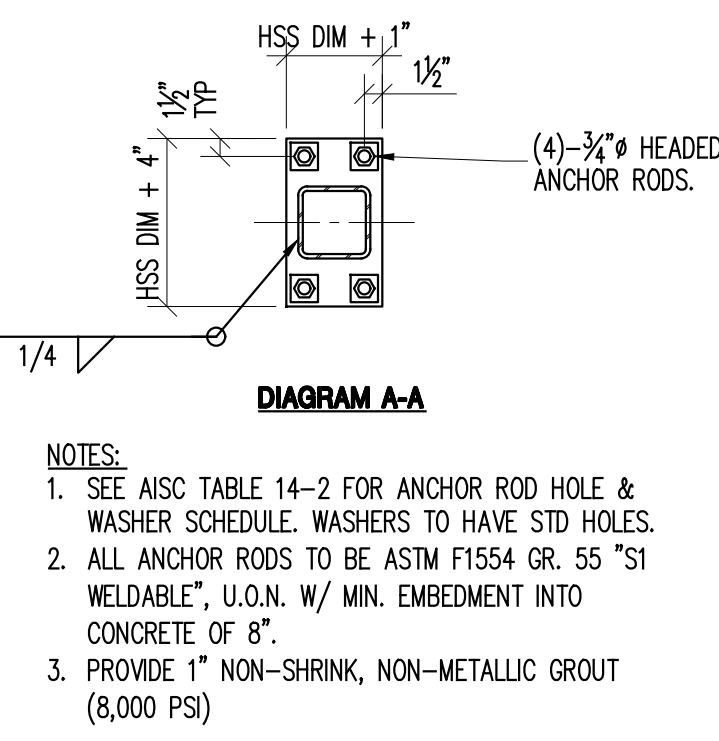
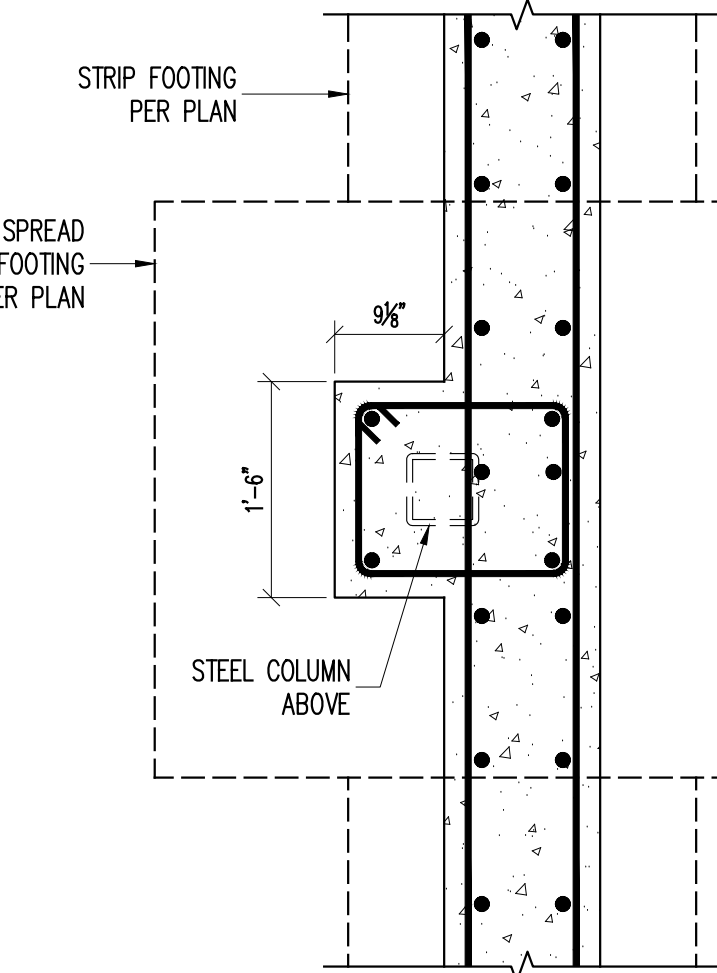
* NOTE, AT CONTRACTOR'S/ARCHITECT'S OPTION SIMPSON "CP1Z" BASE MAY BE USED. THE "CP1Z" BASE UTILIZES A CONCEALED KNIFE PLATE SO THAT THERE ARE NO SIDE PLATES TO INTERFERE WITH ADJACENT BUILDING COMPONENTS SUCH AS STOREFRONT MULLIONS.



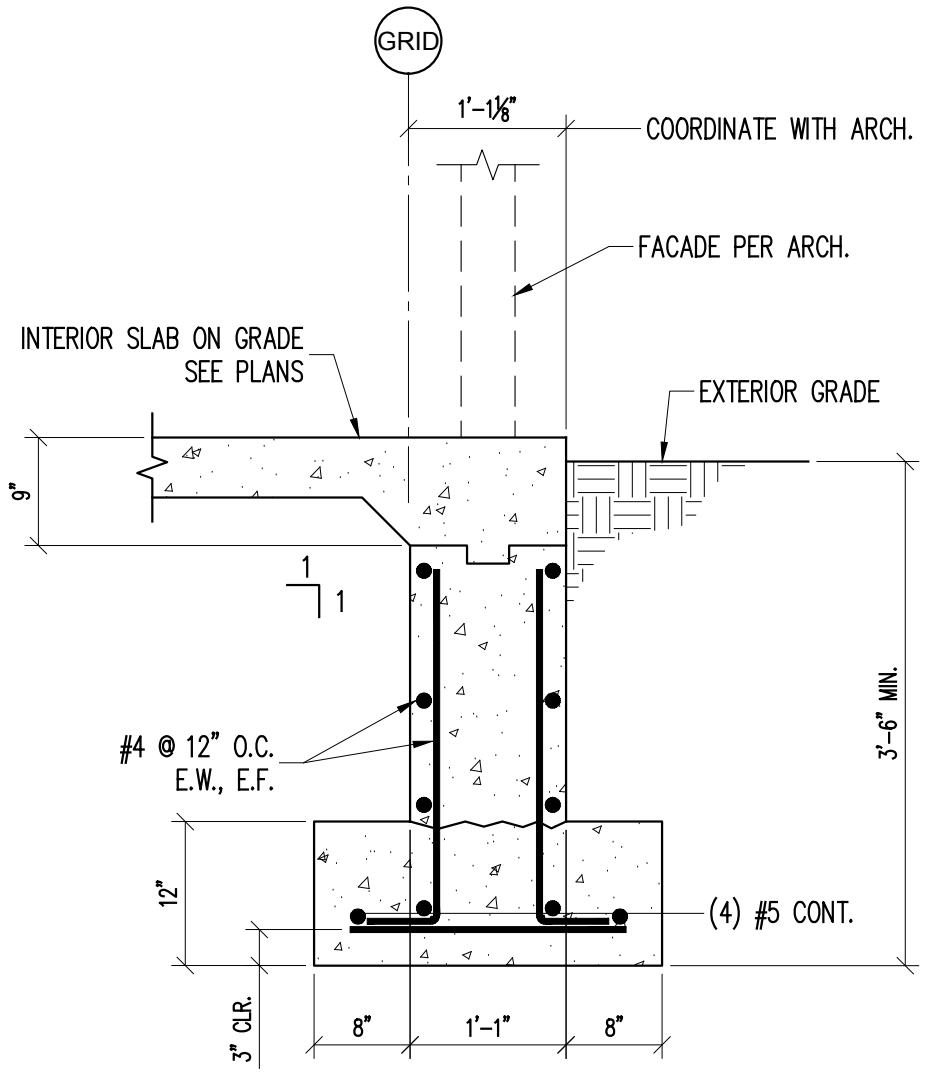
N FOOTING AT STOREFRONT
1.04.501 N.T.S.



P PIER AT STEEL COLUMN
1.04.501



Q FOOTING AT STOREFRONT
1.04.501 NTS



Q FOOTING AT STOREFRONT
1.04.501 NTS

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PROJECT

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CAPITAL PROJECT NO. 1307
HIGHWAY DEPARTMENT /
EMERGENCY OPERATIONS FACILITY
COUNTY OF ROCKLAND, NEW YORK

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SEAL

THOMAS W. BRODERICK
No. 065994
REGISTERED PROFESSIONAL ENGINEER

SHEET NAME

BUILDING 1 - STRUCTURAL
FOUNDATION DETAILS - 1

ADDENDUM#14

2 12/09/19 ADDENDUM 08

DATE REVISION

PROJECT NO. 130439

SCALE AS NOTED

DATE OCTOBER 30, 2019

DRAWN BY ACD

CHECKED BY AK

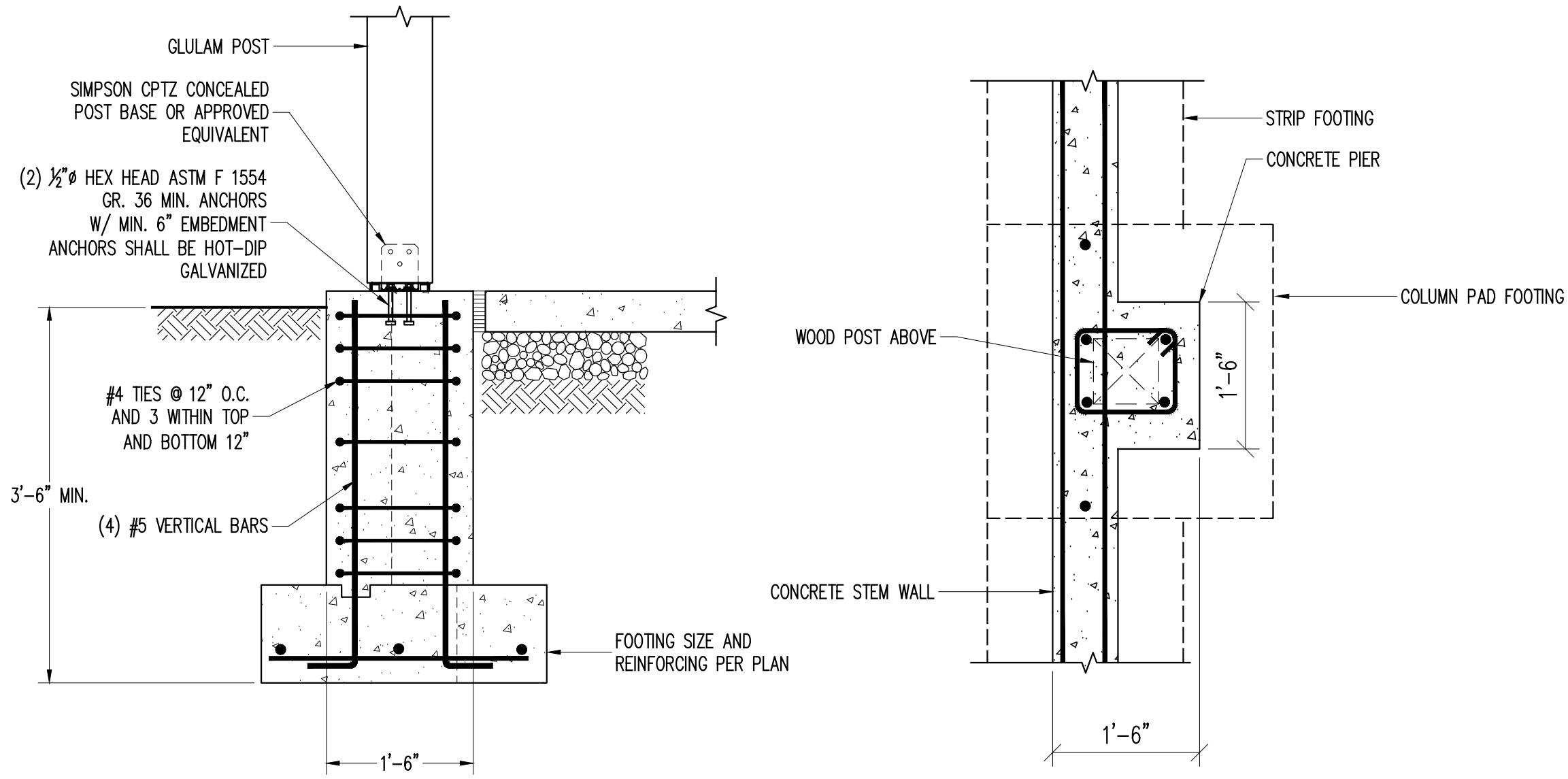
APPROVED BY TWB

ISSUED FOR BID SET

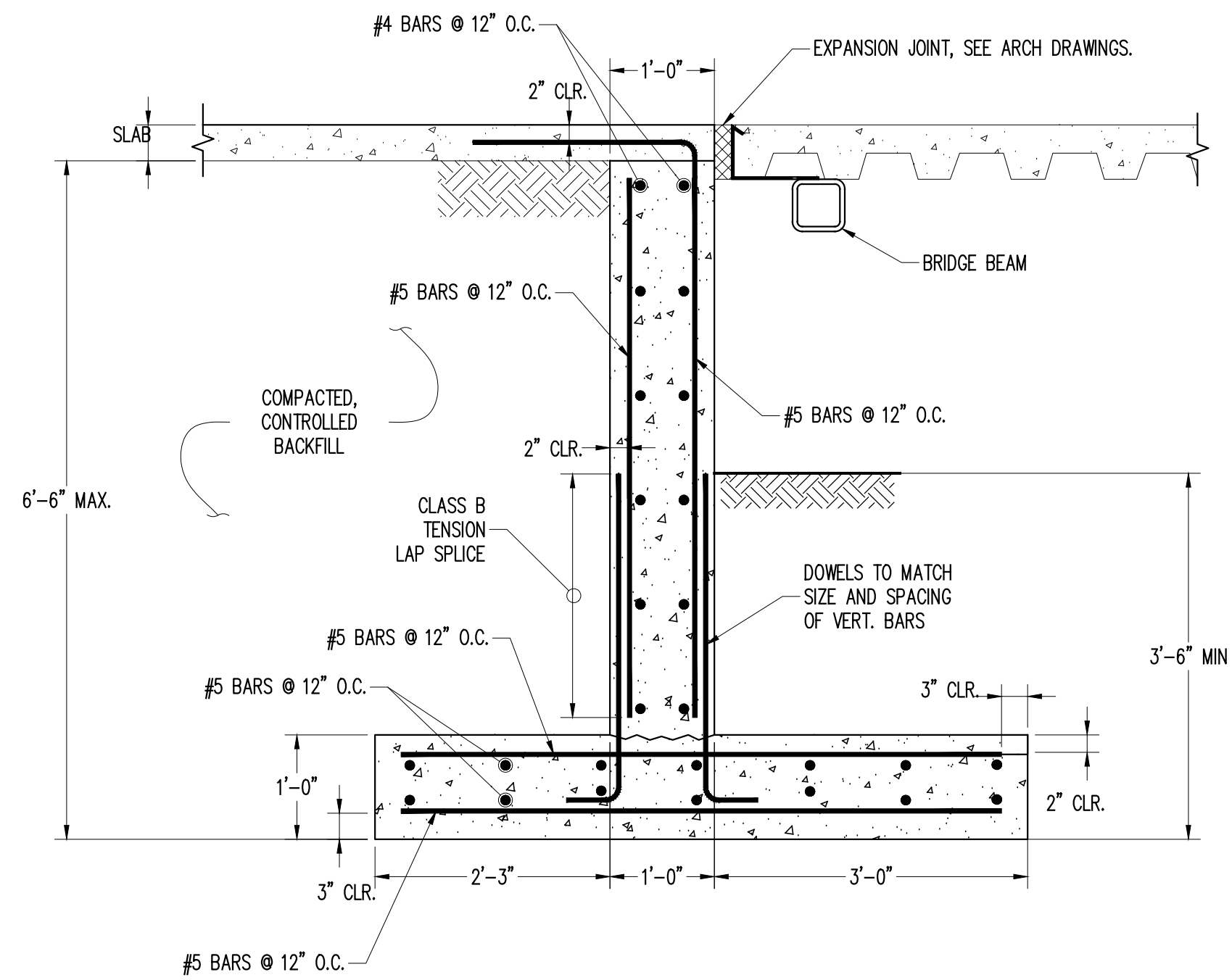
DRAWING NO. 1.04.501

OF SHTS

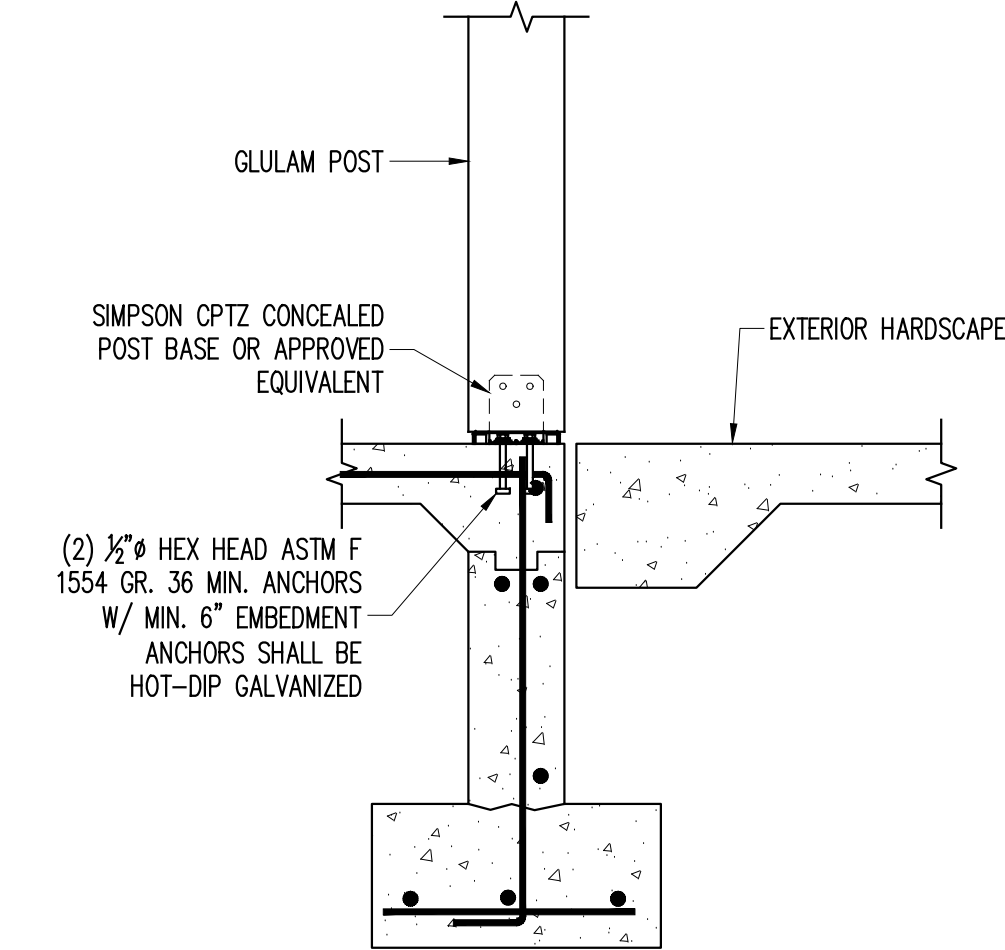
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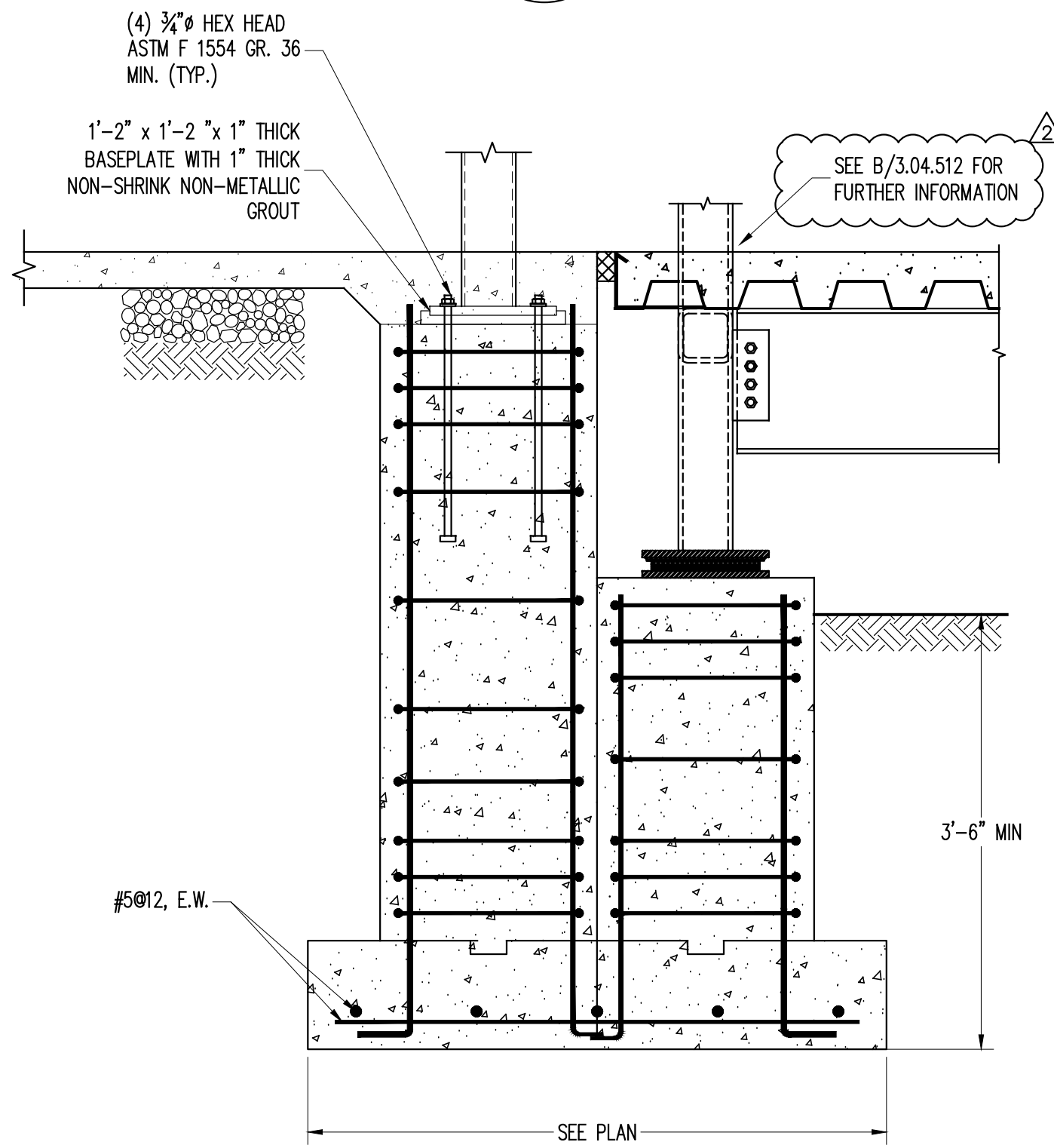
A PIER AT STOREFRONT
1.04.502 3/4" = 1'-0"



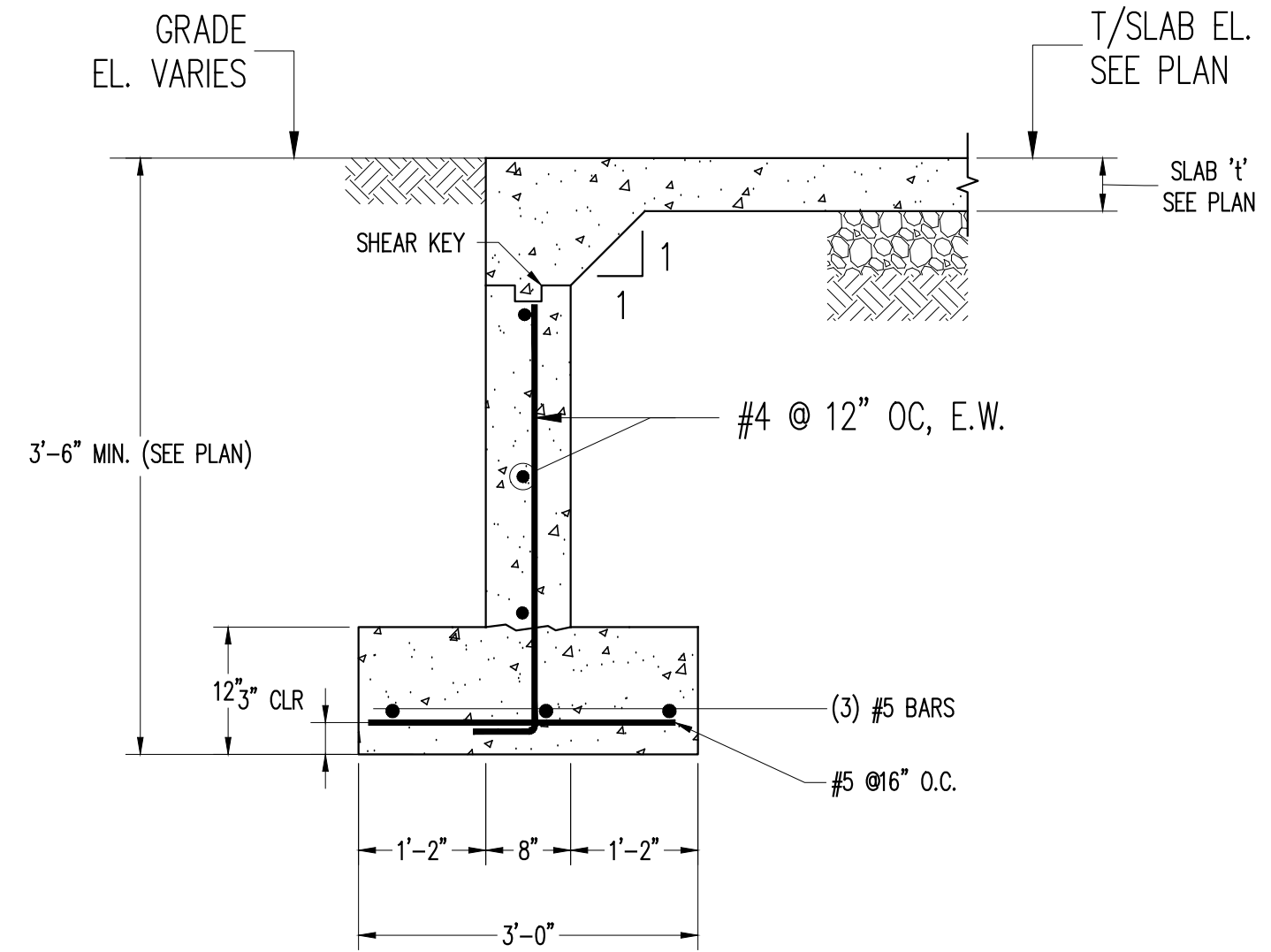
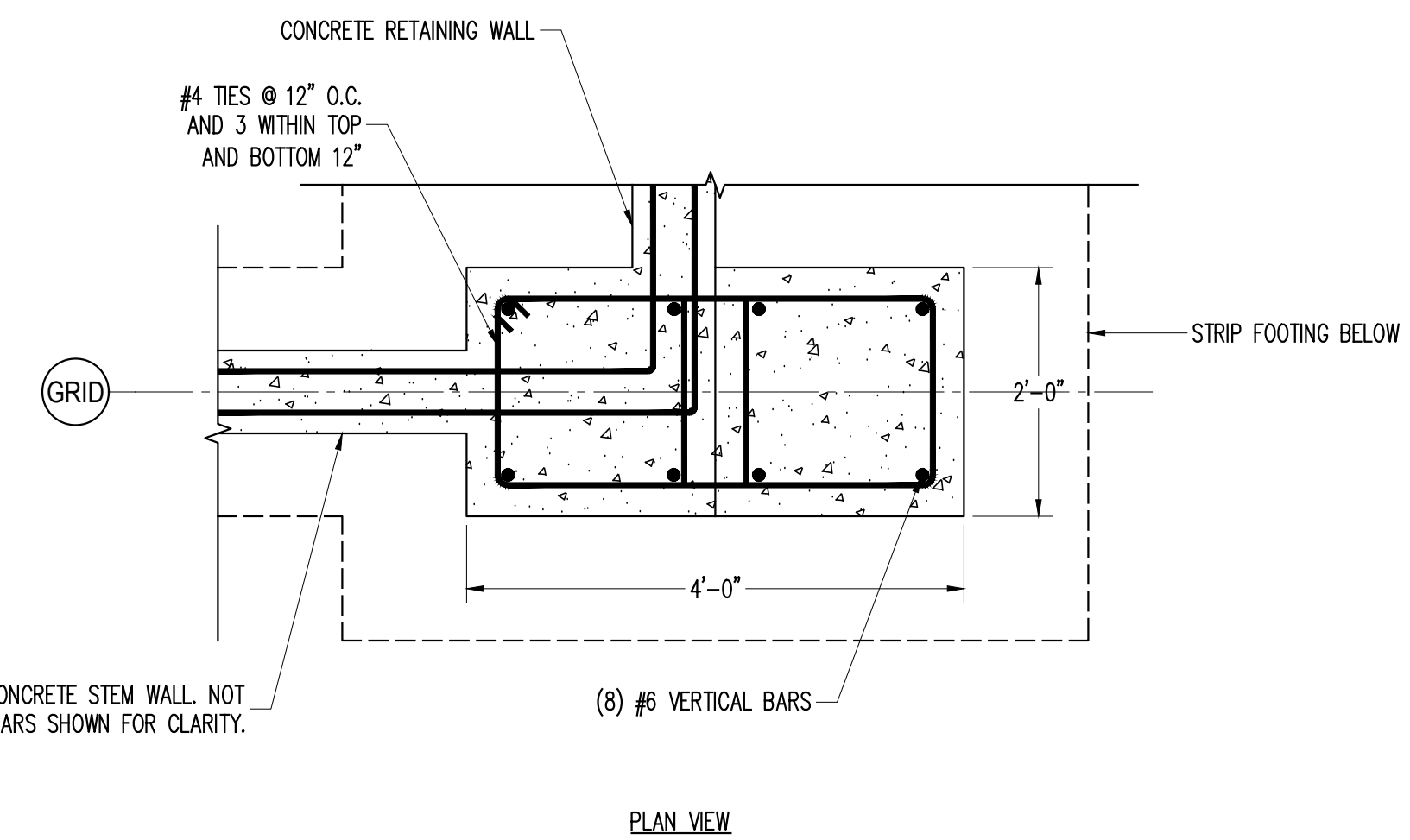
B FOUNDATION DETAIL AT BRIDGE
1.04.502 N.T.S.



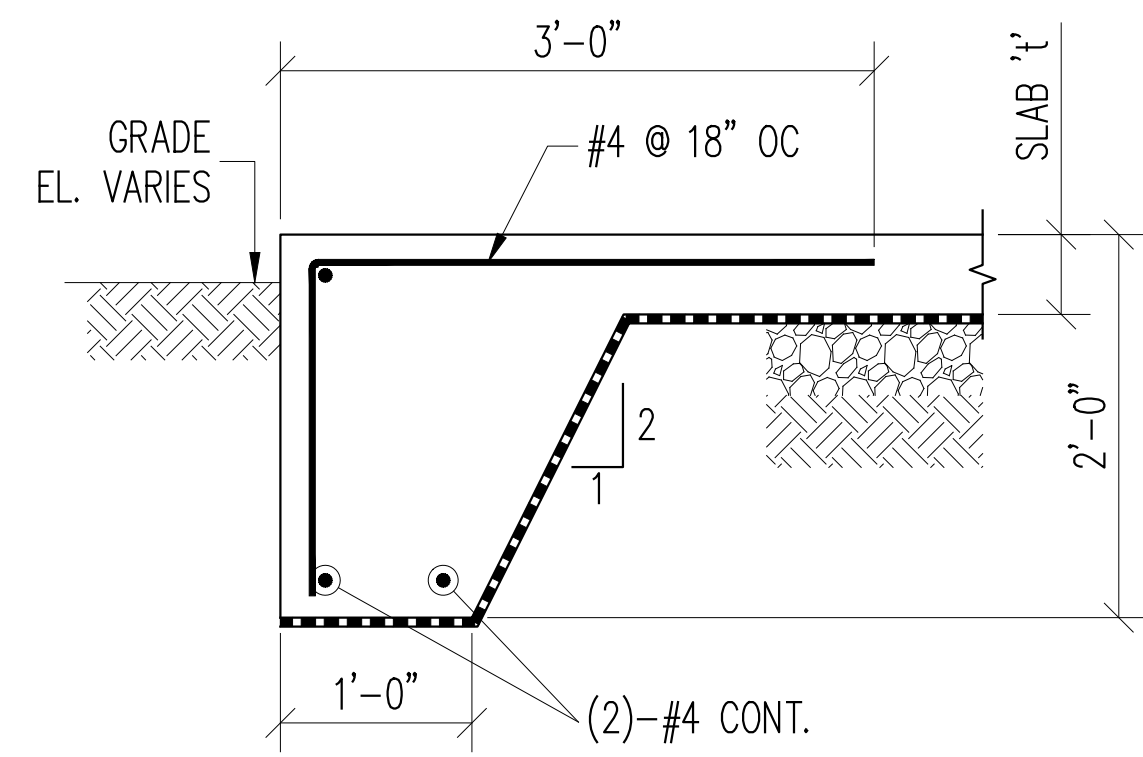
F POST TO FOUNDATION WALL
1.04.502 3/4" = 1'-0"



C CONCRETE PIER AT BRIDGE
1.04.502 3/4" = 1'-0"



D TYPICAL SECTION AT DOOR OPENINGS
1.04.502 NTS



E TYP. TURNED DOWN SLAB DETAIL
1.04.502 NTS

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SEAL
STATE OF NEW YORK
THOMAS W. BRODERICK
No. 065994
REGISTERED PROFESSIONAL ENGINEER

SHEET NAME
BUILDING 1 - STRUCTURAL
FOUNDATION DETAILS - 2

ADDENDUM#14

NO.	DATE	REVISION	BY
2	12/09/19	ADDENDUM 08	ATF

PROJECT NO.	130439	ISSUED FOR	BID SET
SCALE	AS NOTED	DRAWING NO.	1.04.502
DATE	OCTOBER 30, 2019	OF	SHTS
DRAWN BY	ACD		
CHECKED BY	AK		
APPROVED BY	TWB		

FILE NAME: P:\Proj\104503\104503-01-Structural Set\104503-01-Structural.dwg PLOT TIME: Wed, 11 Dec 2019 - 4:14pm LAST SAVE: Wed, 11 Dec 2019 - 3:44pm BY: dthibault

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PROJECT

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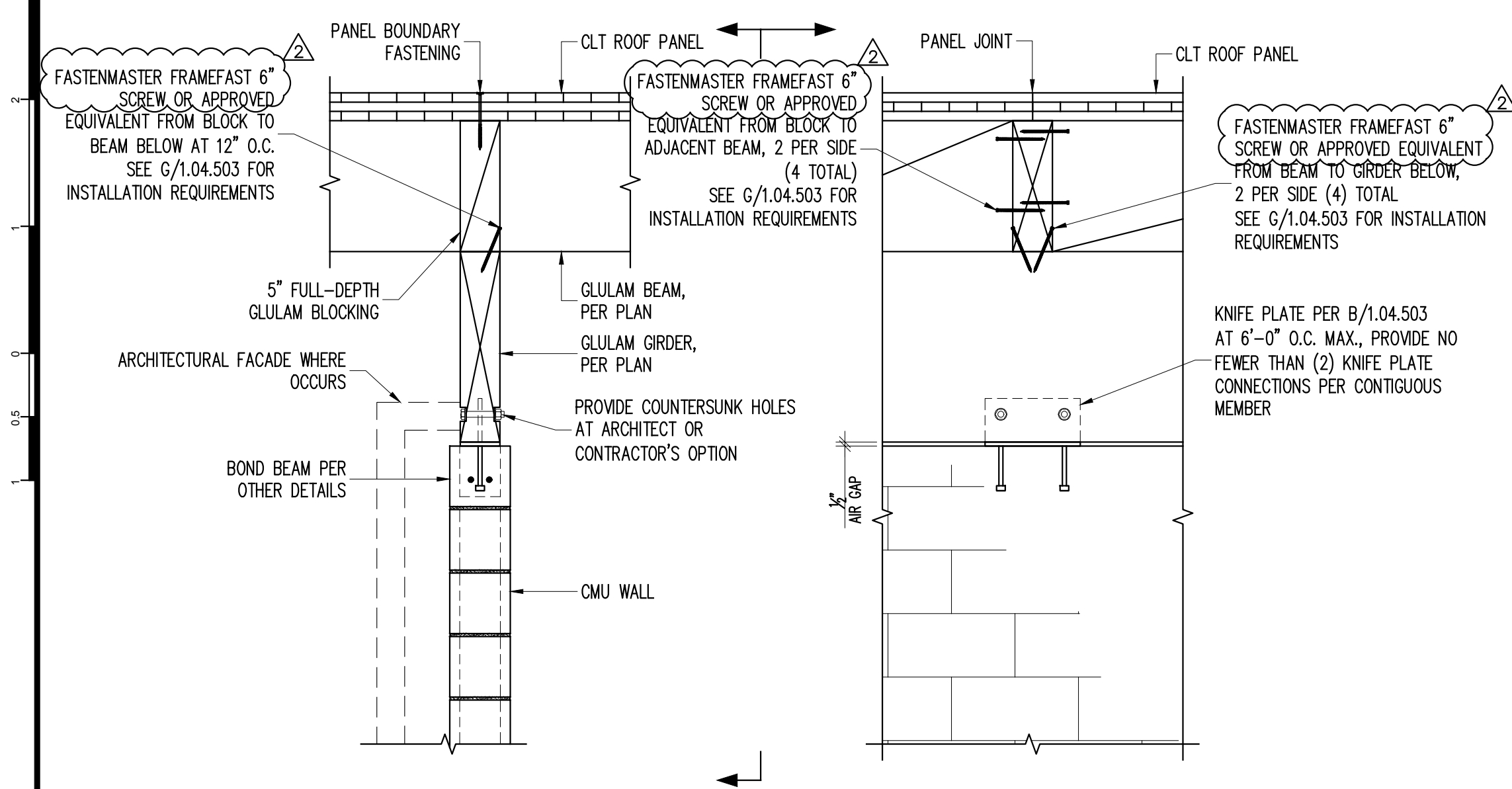
SEAL

THOMAS W. BRODERICK
No. 065994
REGISTERED PROFESSIONAL ENGINEER

SHEET NAME

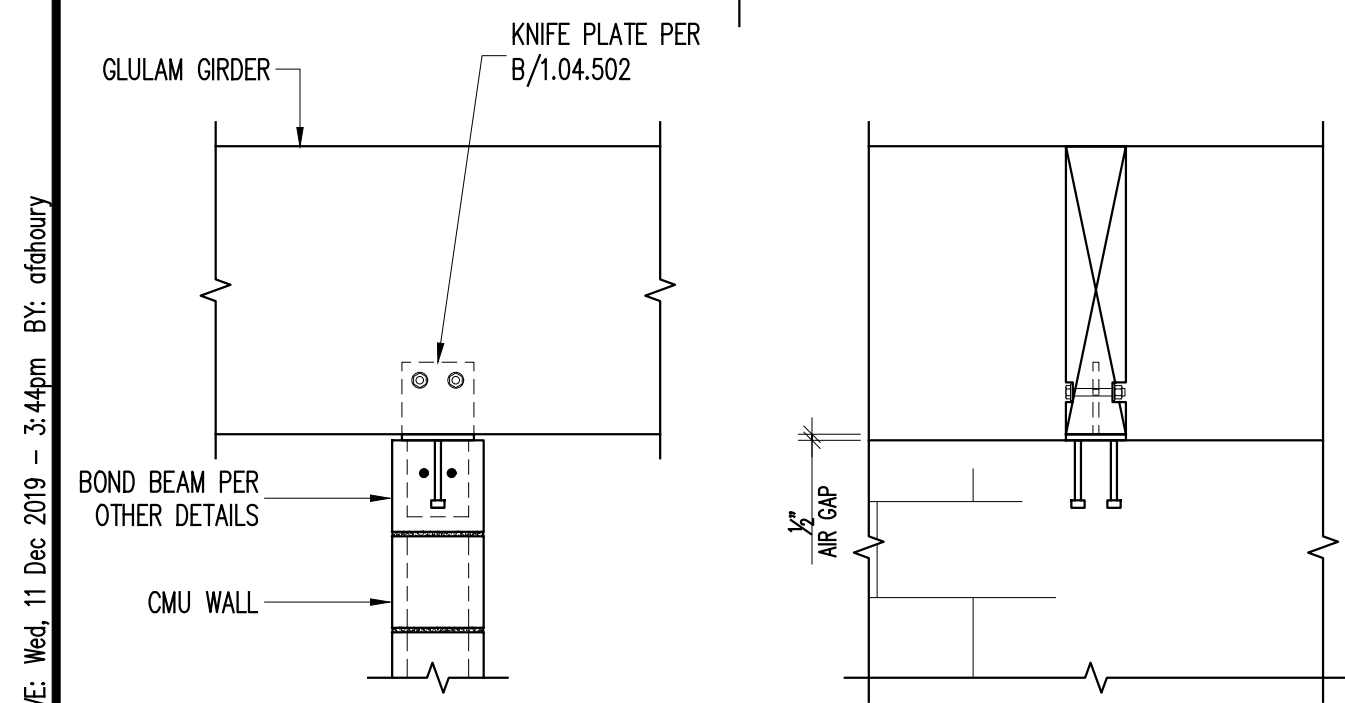
BUILDING 1 - STRUCTURAL
SUPPERSTRUCTURE DETAILS
- 1

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SCALE	AS NOTED	DRAWING NO.	1.04.503
DATE	OCTOBER 30, 2019	APPROVED BY	TWB
DRAWN BY	ACD	CHECKED BY	AK
2	12/09/19	ADDENDUM 08	ATF
No.	DATE	REVISION	BY

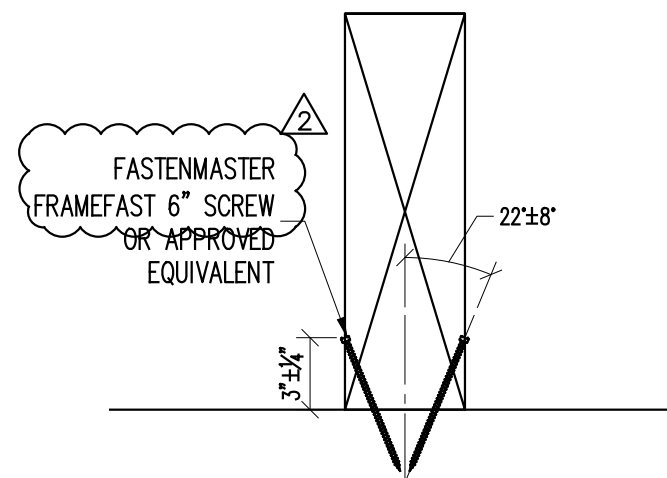


A TYPICAL GIRDER TO TOP OF CMU WALL - PARALLEL
1.04.503 3/4" = 1'-0"

- NOTES:
1. ALL STRUCTURAL LUMBER EXPOSED TO WEATHER OR IN CONTACT WITH MASONRY OR CONCRETE SHALL BE PRESERVATIVE TREATED.
 2. ALL FASTENERS AND CONNECTING PLATES IN CONTACT WITH PRESERVATIVE TREATED LUMBER SHALL BE HOT-DIP GALVANIZED, STAINLESS STEEL, OR OTHER APPROVED COATING CERTIFIED FOR USE IN PRESERVATIVE TREATED LUMBER.



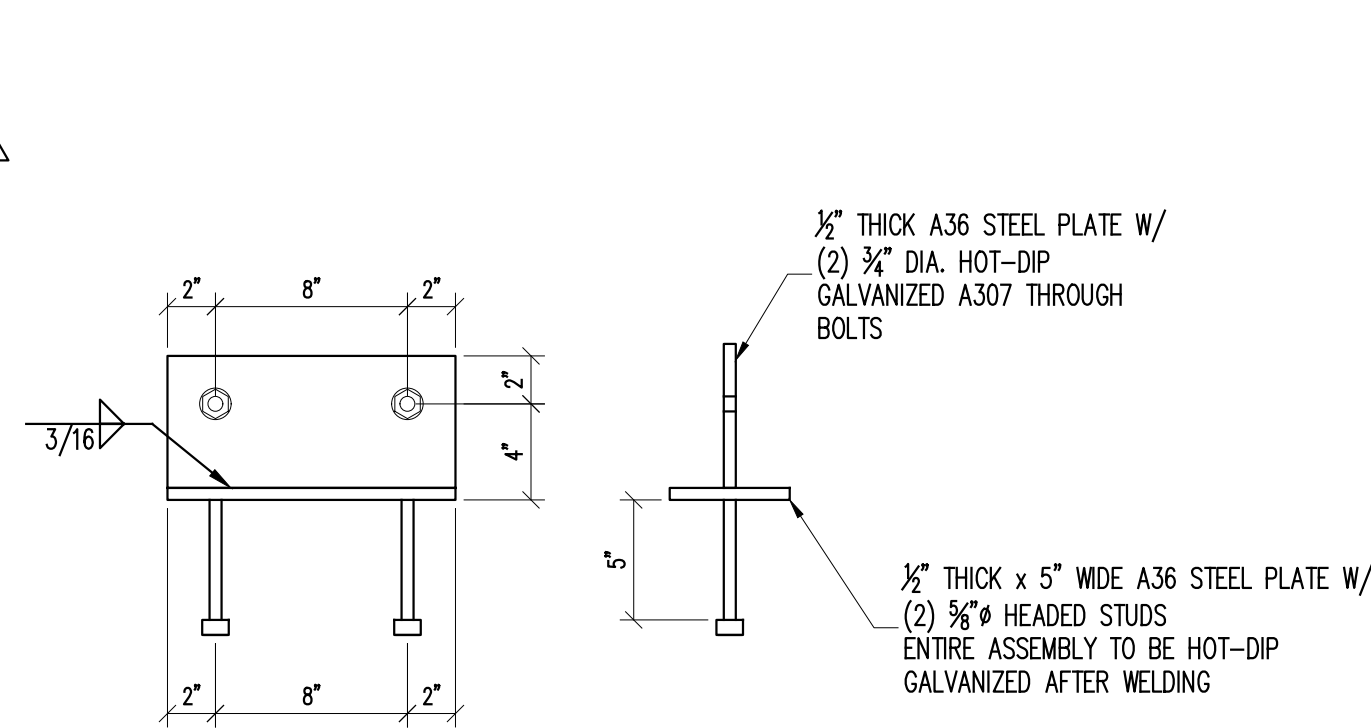
D TYP. GIRDER TO TOP OF CMU WALL - PERPENDICULAR
1.04.503 3/4" = 1'-0"



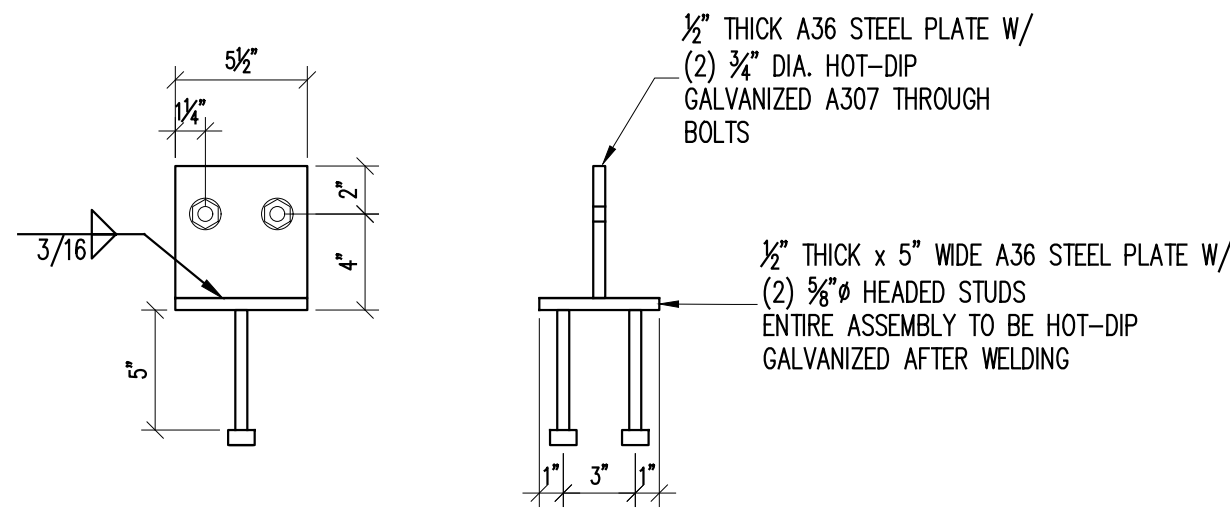
* PRE-DRILLING IS NOT REQUIRED, BUT CARE SHALL BE TAKEN TO AVOID SPLITTING MEMBERS. IF SPLITTING OCCURS AFTER SEVERAL ATTEMPTS, PROVIDE PREDRILLED HOLES AND SCREW LUBRICANT AS NEEDED.

WHENEVER POSSIBLE, INSTALL SCREWS SO THAT THEY WILL BE HIDDEN IN THE FINAL INSTALLED CONDITION, BY BLOCKING, FINISHES, ETC.

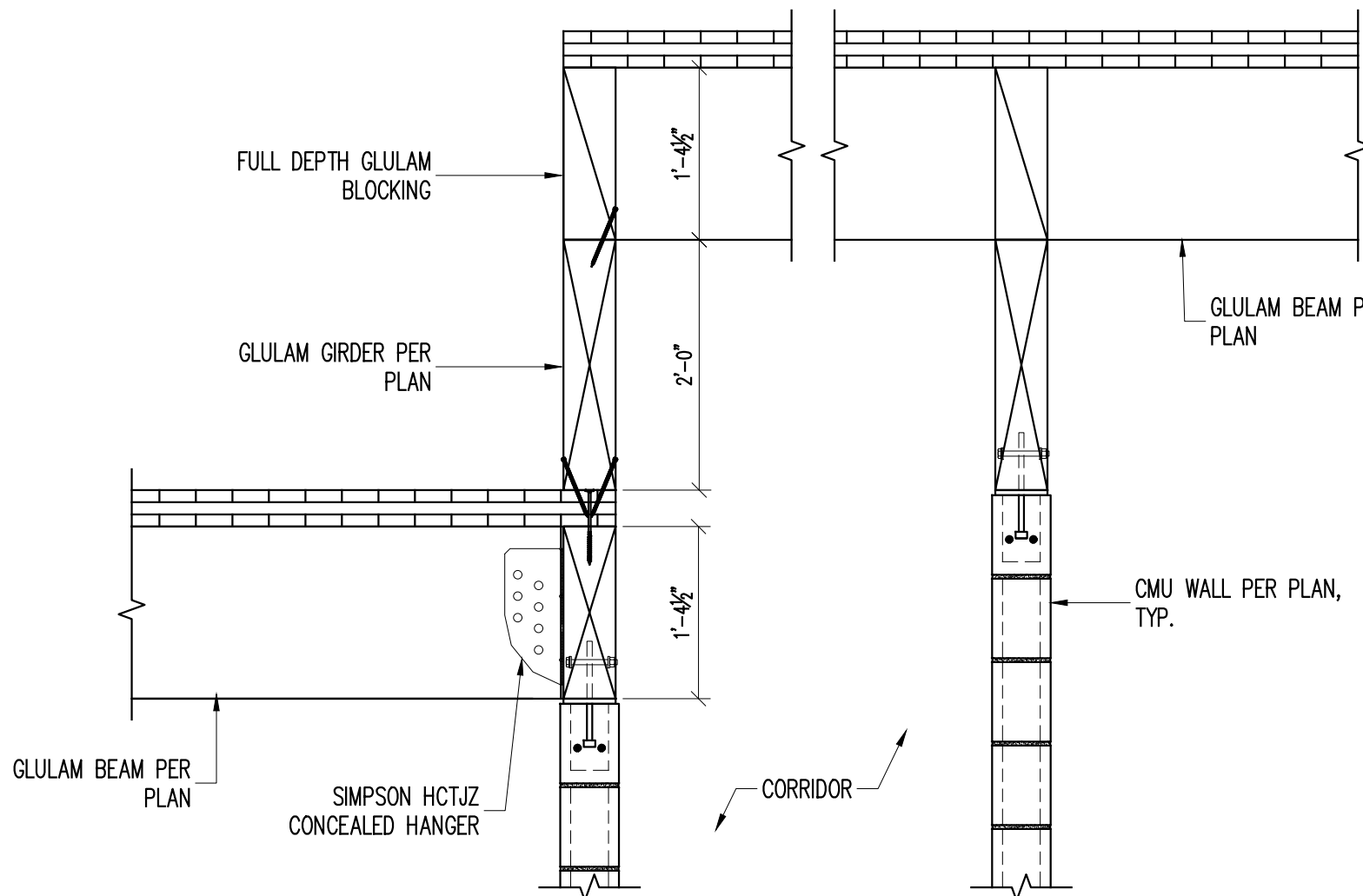
G GEOMETRY REQUIREMENTS SCREW INSTALLATION
1.04.503 N.T.S.



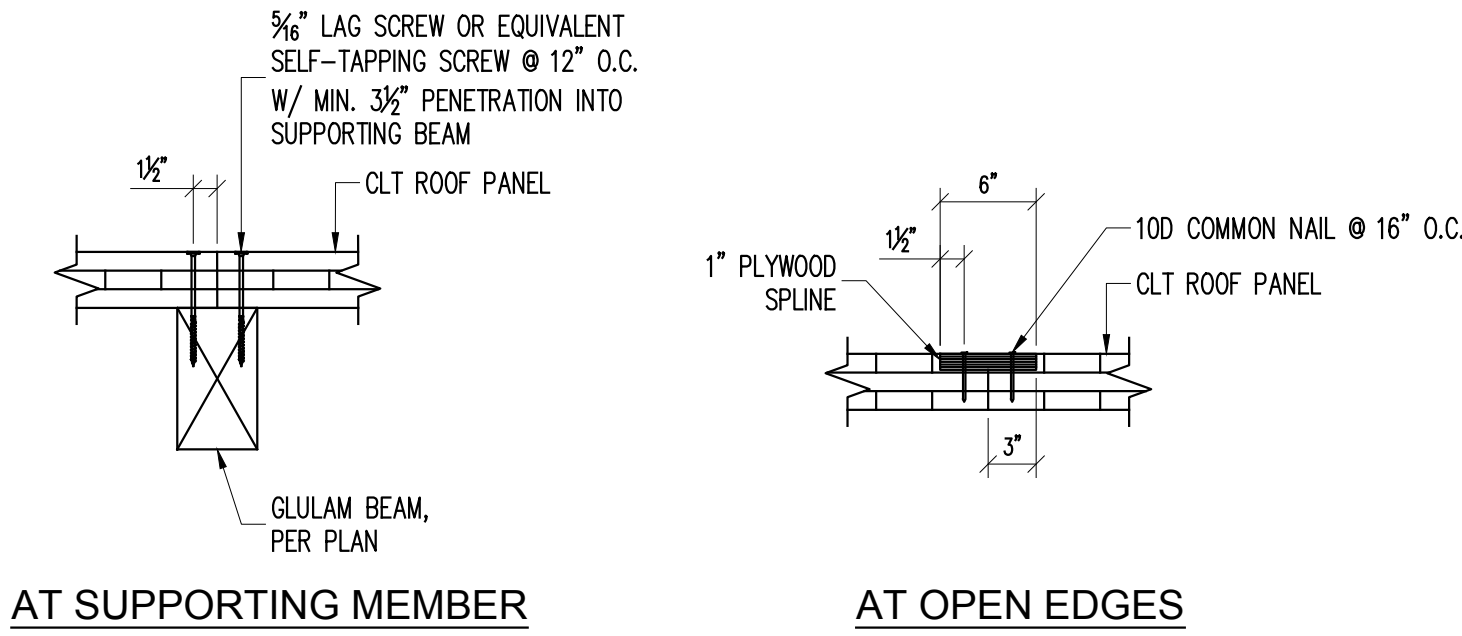
B KNIFE PLATE BEAM PARALLEL TO WALL
1.04.503 1'-1/2" = 1'-0"



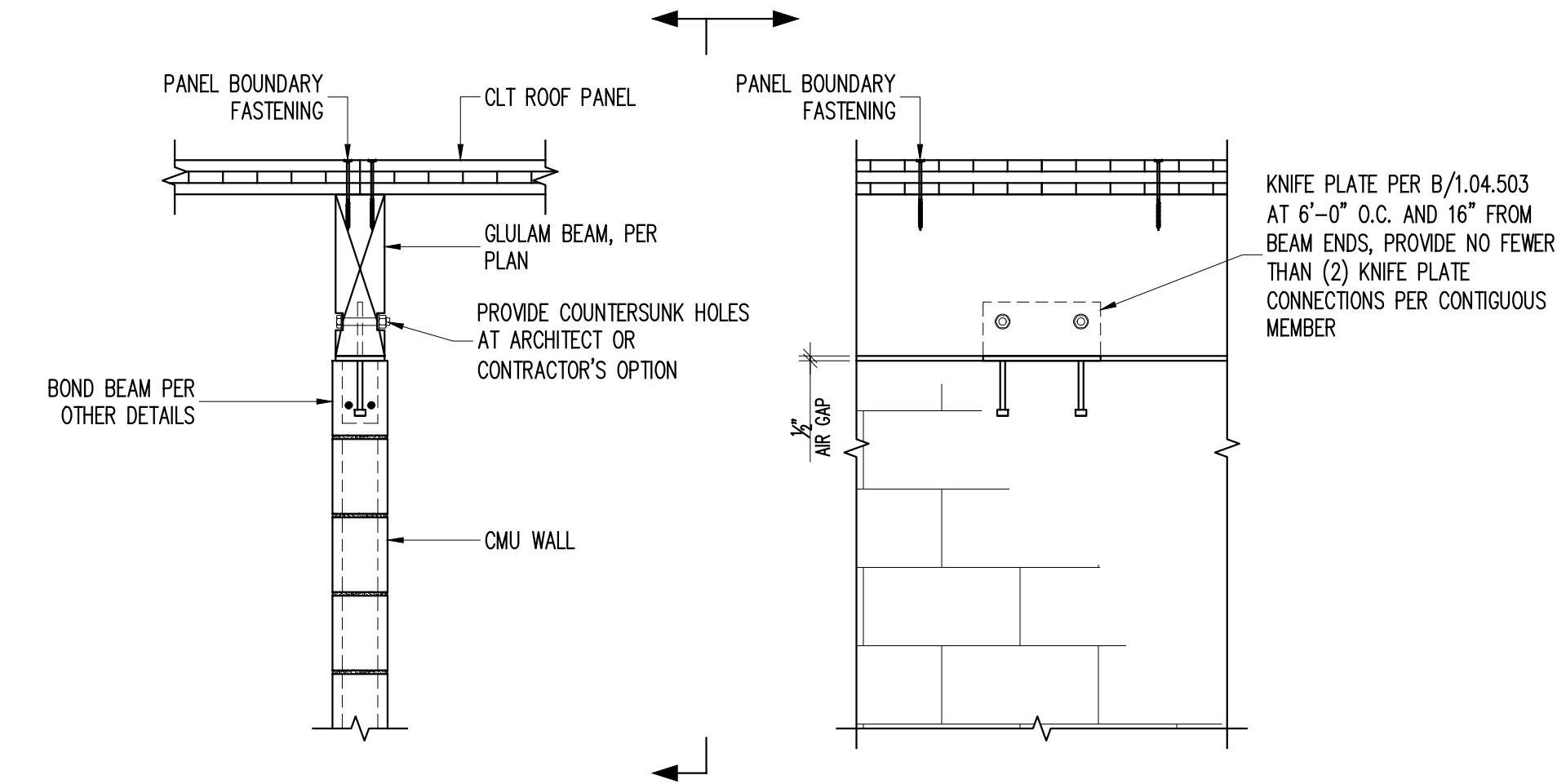
E KNIFE PLATE BEAM PERPENDICULAR TO WALL
1.04.503 1'-1/2" = 1'-0"



H SECTION THROUGH CORRIDOR
1.04.503 3/4" = 1'-0"

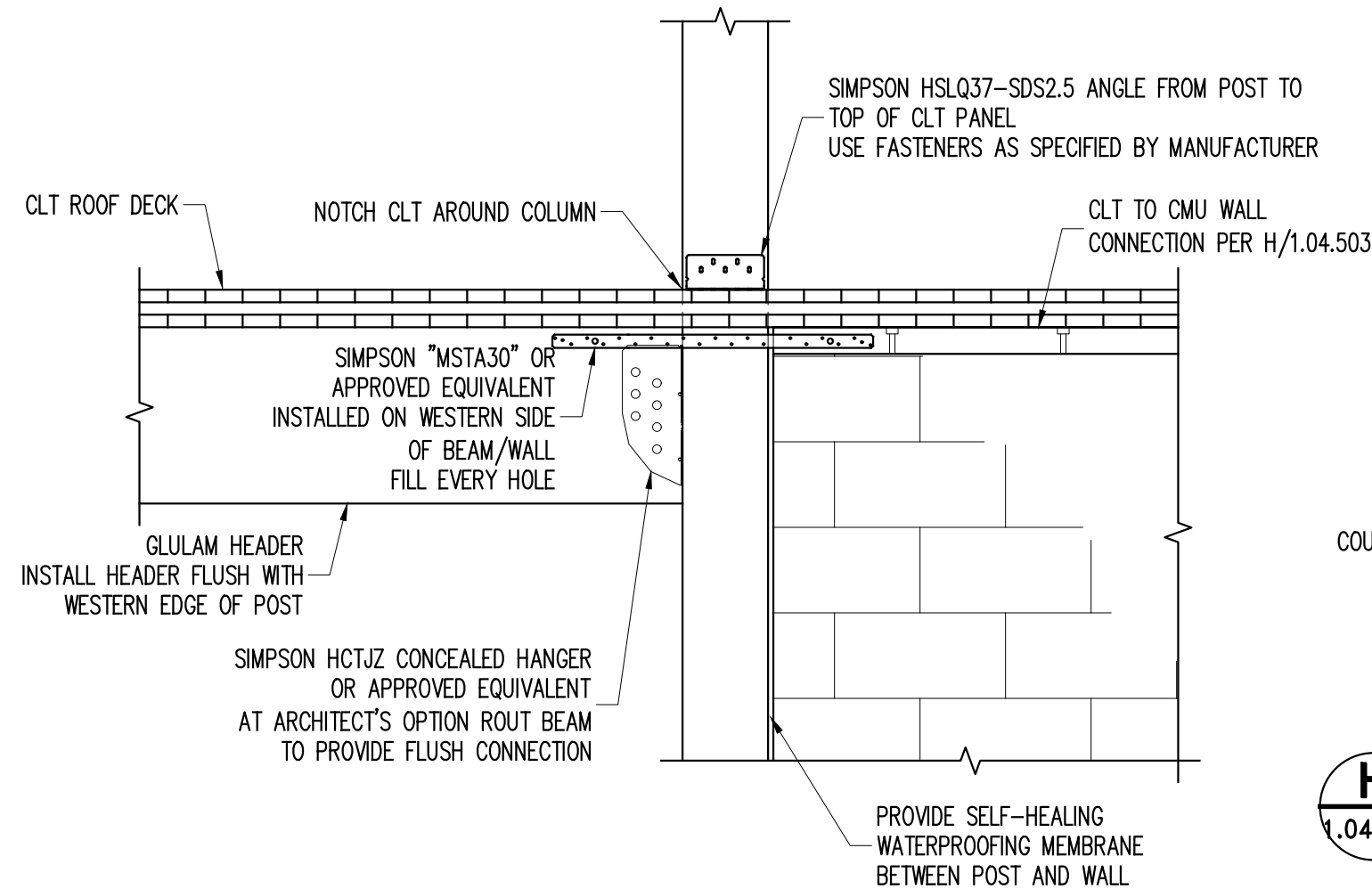


C TYPICAL CLT SPLICES
1.04.503 1" = 1'-0"

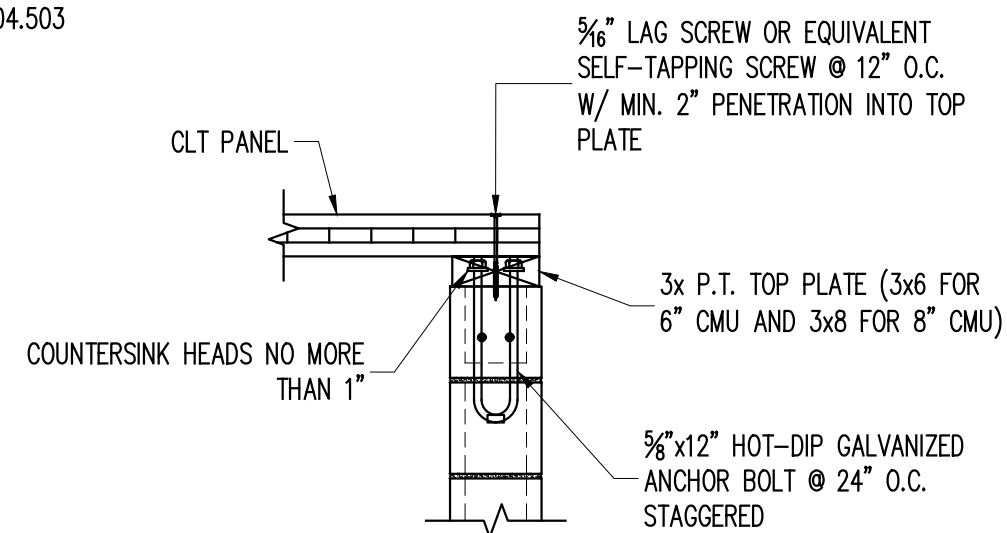


F TYPICAL BEAM TO TOP OF CMU WALL - PARALLEL
1.04.503 3/4" = 1'-0"

- NOTES:
1. ALL STRUCTURAL LUMBER EXPOSED TO WEATHER OR IN CONTACT WITH MASONRY OR CONCRETE SHALL BE PRESERVATIVE TREATED.
 2. ALL FASTENERS AND CONNECTING PLATES IN CONTACT WITH PRESERVATIVE TREATED LUMBER SHALL BE HOT-DIP GALVANIZED, STAINLESS STEEL, OR OTHER APPROVED COATING CERTIFIED FOR USE IN PRESERVATIVE TREATED LUMBER.



J CANTILEVER POST CONNECTIONS
1.04.503 3/4" = 1'-0"



H TYP. CLT TO CMU WALL CONNECTION
1.04.503 3/4" = 1'-0"

FILE NAME: P:\Proj\130\130459\10_Dwg\CAD\01-Structural Set\1.04.501 BUILDING 1 DETAILS.dwg PLOT TIME: Wed, 11 Dec 2019 - 4:15pm LAST SAVE: Wed, 11 Dec 2019 - 3:44pm BY: atdubois

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PROJECT

COUNTY OF ROCKLAND
CAPITAL PROJECT NO. 1307
HIGHWAY DEPARTMENT /
EMERGENCY OPERATIONS FACILITY
COUNTY OF ROCKLAND, NEW YORK

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SEAL

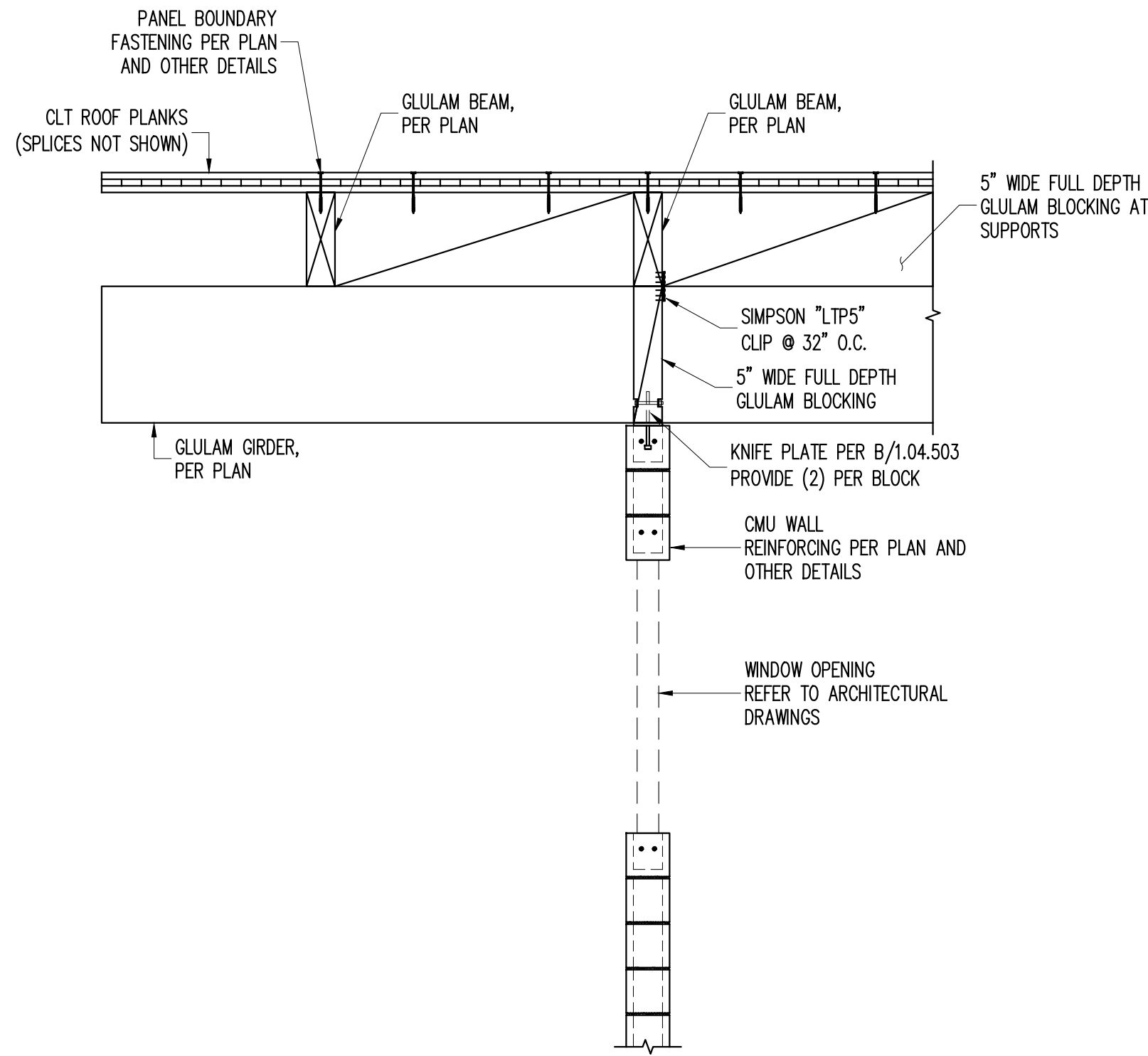
STATE OF NEW YORK

THOMAS W. BRODERICK
No. 065994
REGISTERED PROFESSIONAL ENGINEER

SHEET NAME

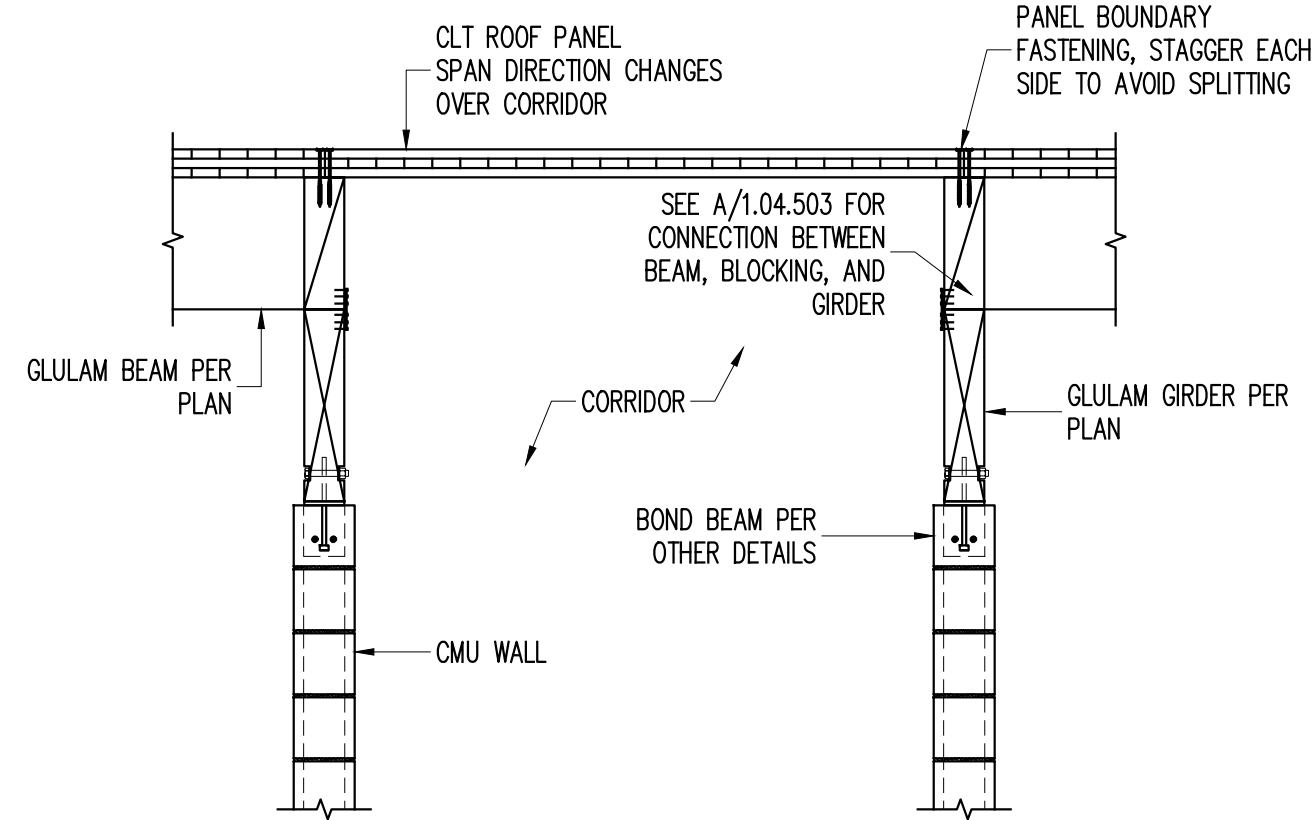
BUILDING 1 - STRUCTURAL
SUPERSTRUCTURE DETAILS -
2

PROJECT NO.	130439	ISSUED FOR	BID SET
SCALE	AS NOTED	DRAWING NO.	1.04.504
DATE	OCTOBER 30, 2019	APPROVED BY	TWB
DRAWN BY	ACD	CHECKED BY	AK
2	12/09/19	ADDENDUM 08	ATF
No.	DATE	REVISION	BY



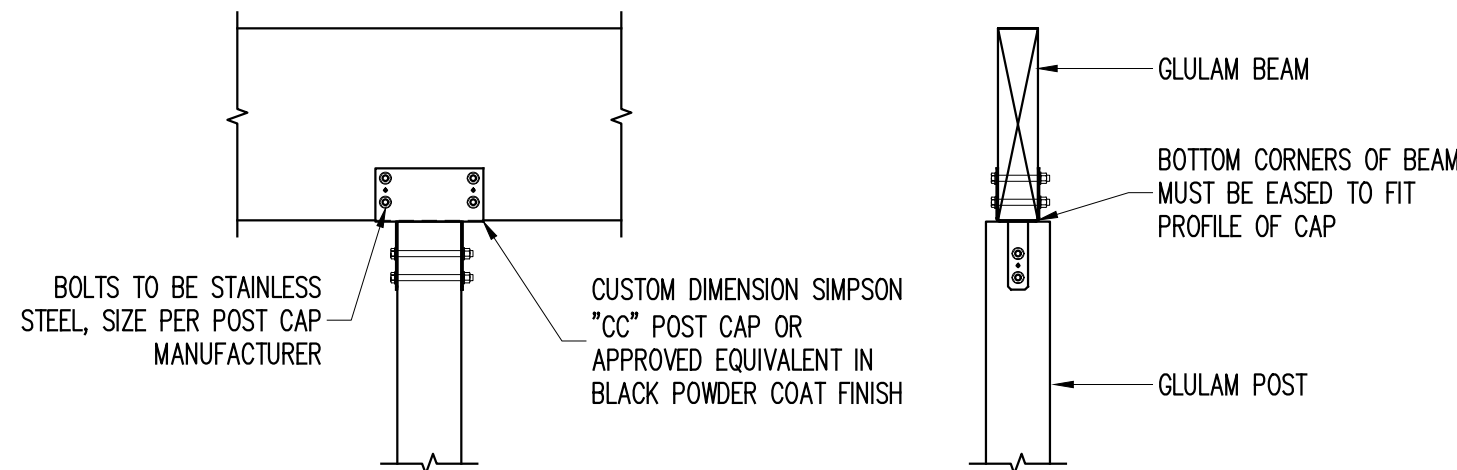
A SHEAR TRANSFER AT EXTERIOR WALL
1.04.504 1/2" = 1'-0"

- NOTES:
- ALL STRUCTURAL LUMBER EXPOSED TO WEATHER OR IN CONTACT WITH MASONRY OR CONCRETE SHALL BE PRESERVATIVE TREATED.
 - ALL FASTENERS AND CONNECTING PLATES IN CONTACT WITH PRESERVATIVE TREATED LUMBER SHALL BE HOT-DIP GALVANIZED, STAINLESS STEEL, OR OTHER APPROVED COATING CERTIFIED FOR USE IN PRESERVATIVE TREATED LUMBER.

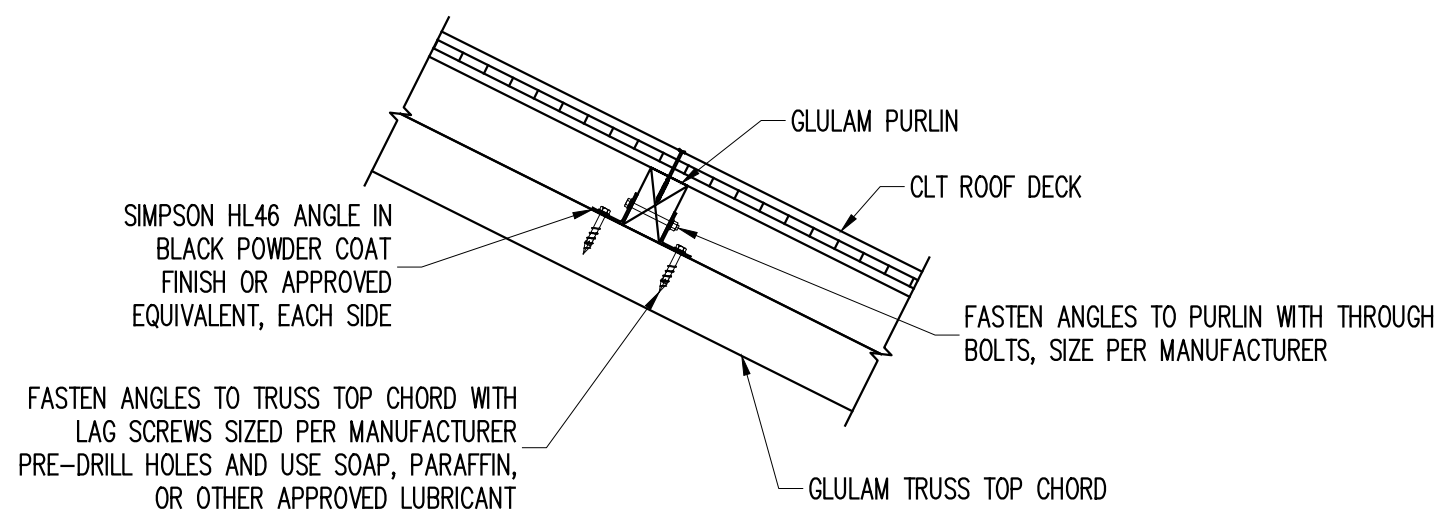


B SECTION AT ADMIN. CORRIDOR
1.04.504 1/2" = 1'-0"

- NOTES:
- FOR BALANCE OF INFORMATION SEE A/1.04.502



D TYP. BEAM TO POST CONNECTION
1.04.504 1/2" = 1'-0"

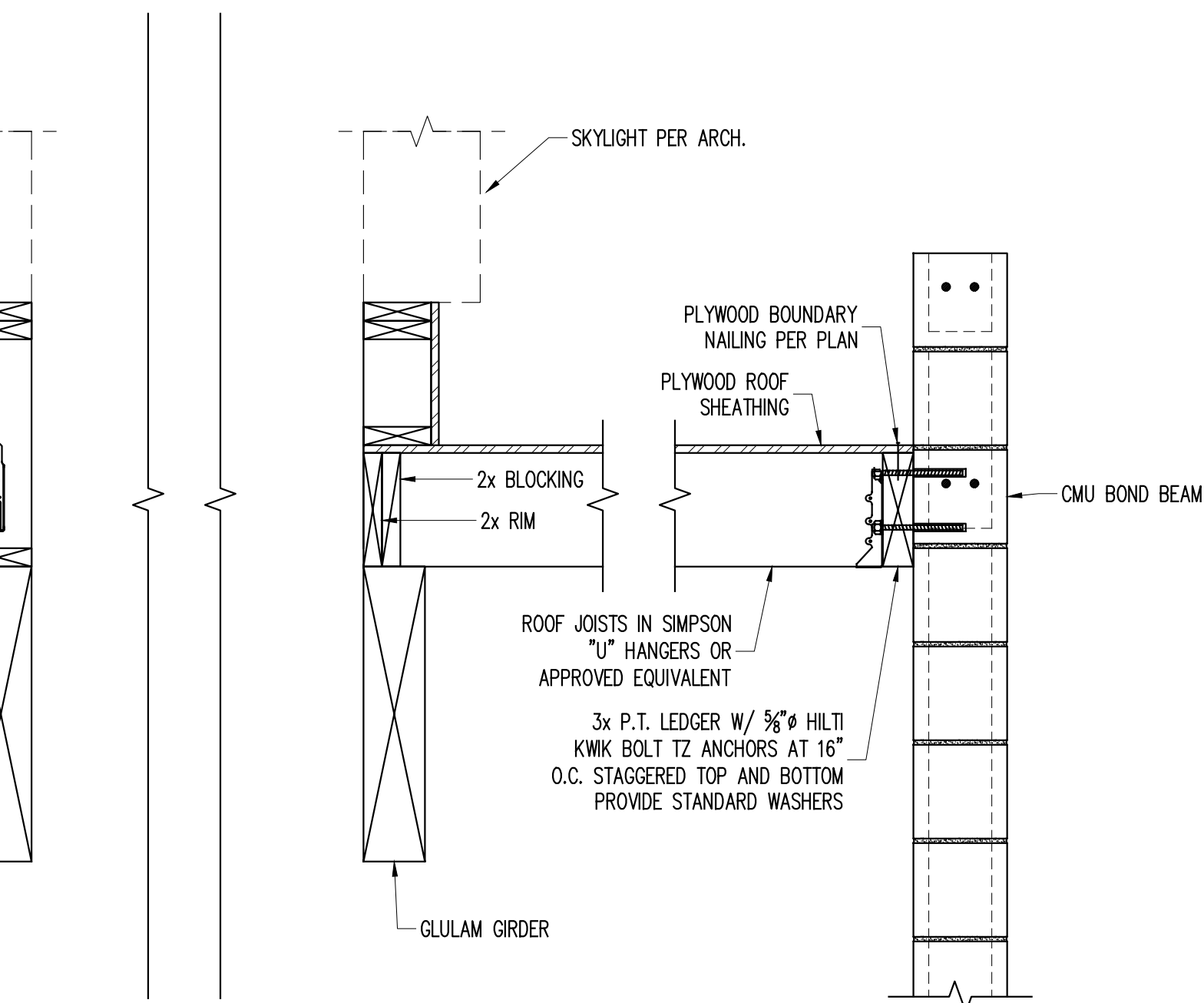


E PURLIN TO TRUSS CONNECTION
1.04.504 1/2" = 1'-0"

2x6 CRIPPLE WALL W/ 5/8\"/>

AT EACH END OF CRIPPLE WALL PROVIDE (2)-2x6 STUDS W/ SIMPSON DTTIZ SECURED TO BEAM BELOW

GLULAM GIRDER



F SECTION AT SKYLIGHT
1.04.504 1\"/>

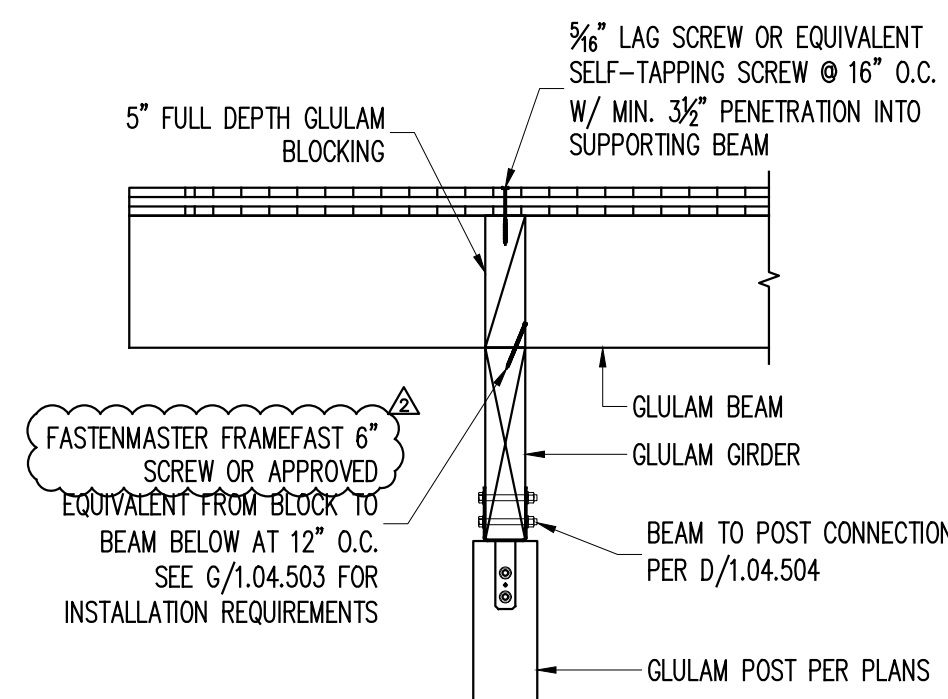
2x6 CRIPPLE WALL W/ 5/8\"/>

AT EACH END OF CRIPPLE WALL PROVIDE (2)-2x6 STUDS W/ SIMPSON DTTIZ SECURED TO BEAM BELOW

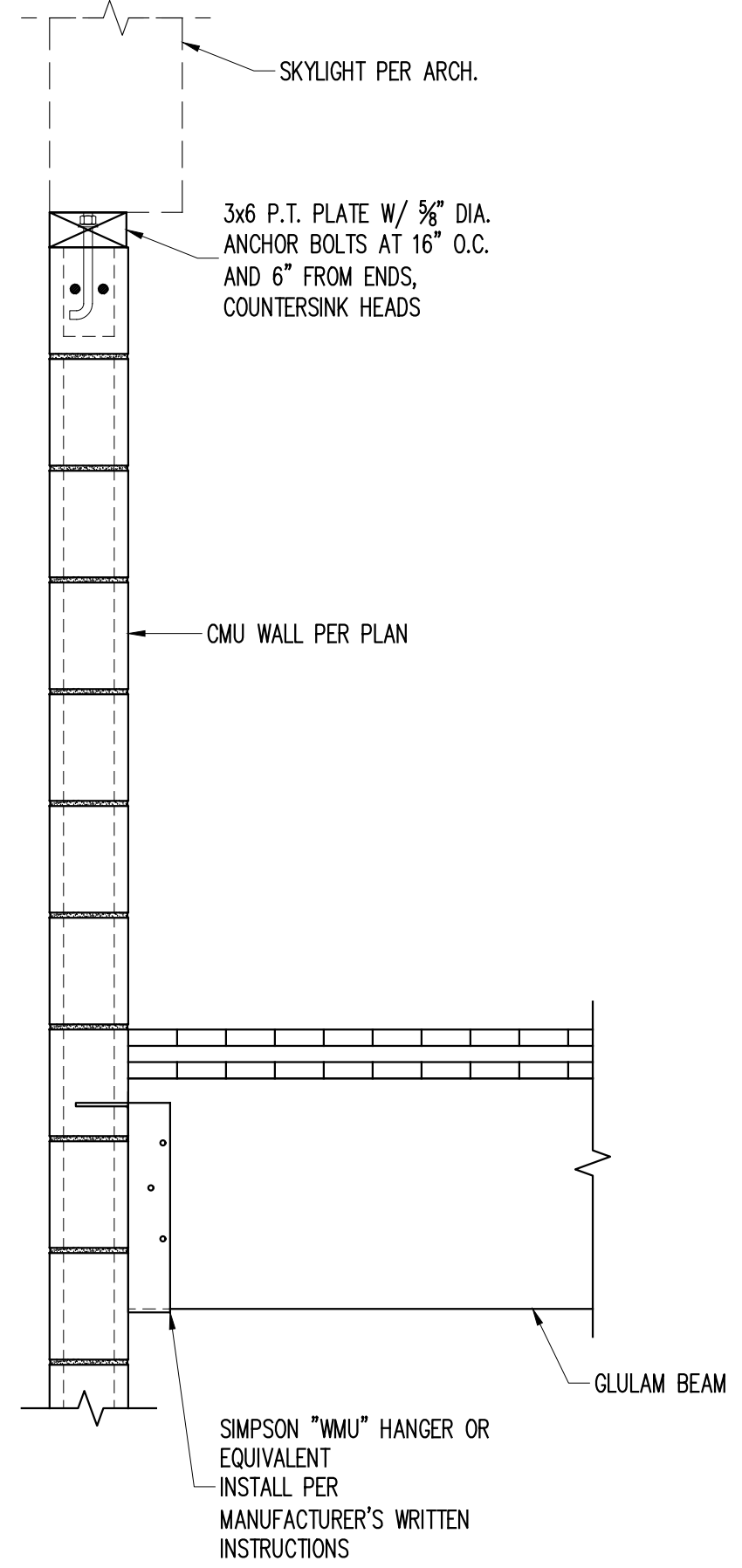
3/8\"/>

GLULAM BEAM

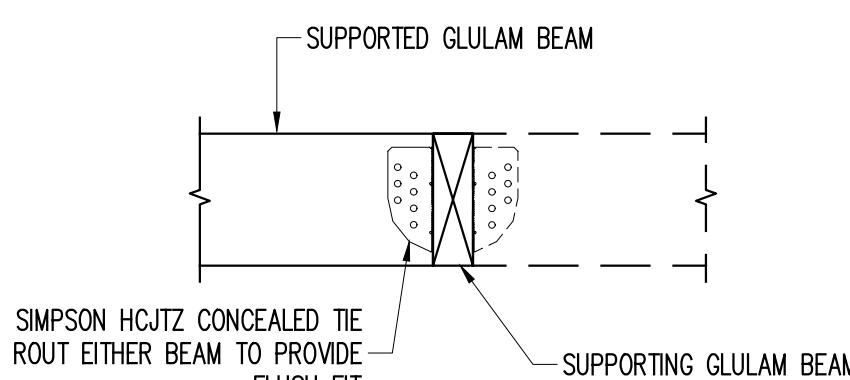
C SECTION AT SKYLIGHT
1.04.504 1\"/>



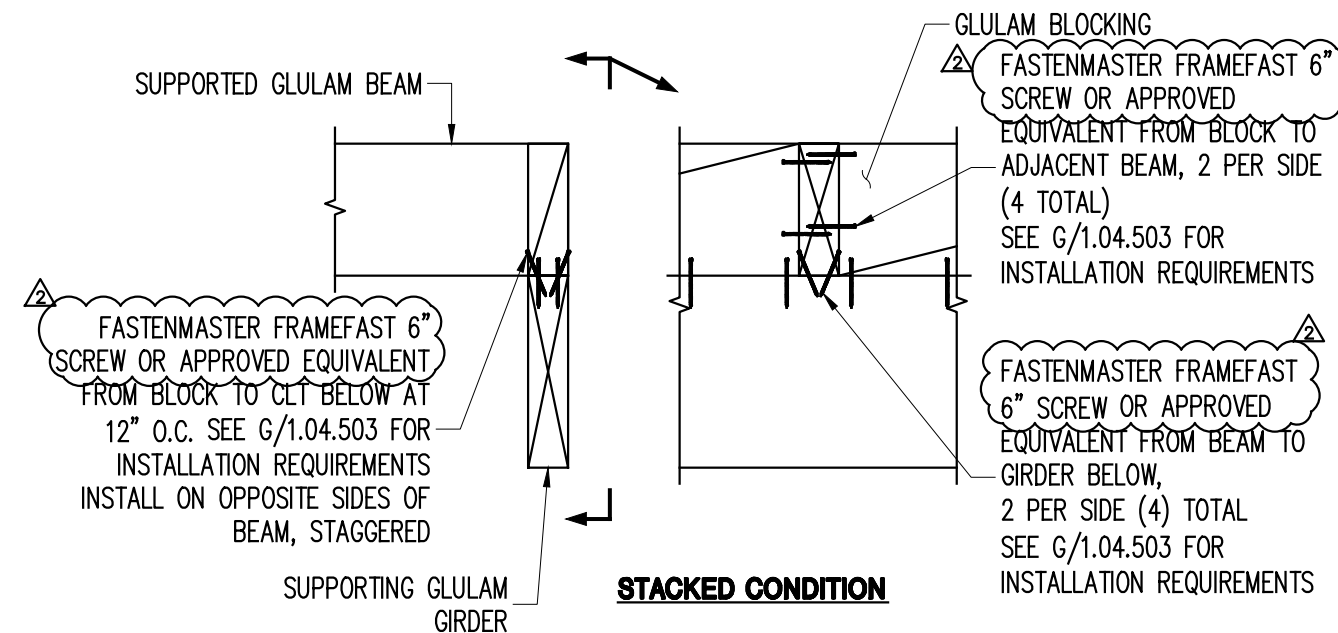
G ROOF TO POST CONNECTION
1.04.504 1/2" = 1'-0"



H TYP. BEAM TO BEAM CONNECTIONS
1.04.504 1/2" = 1'-0"



FLUSH CONDITION



STACKED CONDITION



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The logo for OLA Consulting Engineers features the letters 'OLA' in a stylized, bold, sans-serif font. The letters are white and set against a dark, rectangular background. Below the letters, the words 'CONSULTING ENGINEERS' are written in a smaller, white, sans-serif font.

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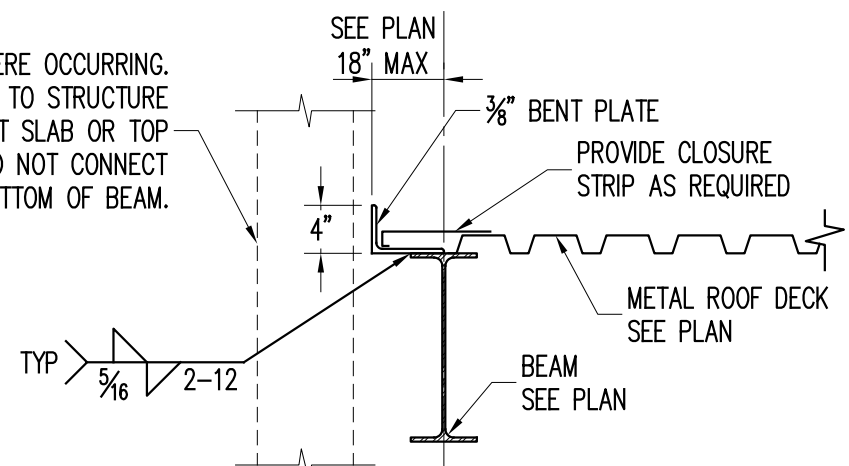
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Landscape Architects

31 Mamaroneck Ave., 7th Floor
White Plains, New York 10601
admin@iqlandscape.com
(914) 232-0200

		PROJECT NO. 130439		ISSUED FOR	
		SCALE AS NOTED		BID SET	
		DATE OCTOBER 30, 2019		DRAWING NO.	
		DRAWN BY ACD		1.04.506A	
		CHECKED BY AK			
2 12/09/19		ADDENDUM 08		TWR	
		ATF			

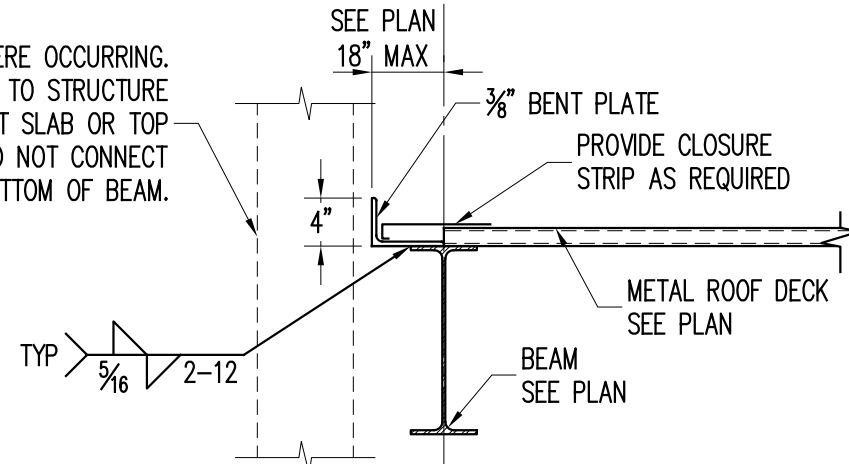
FILE NAME: \\prod001\Projects\Proj301\10429\10_Dwg\CA001_Structural Set\2.04.510 BUILDING 2 SUPERSTRUCTURE DETAILS.dwg PLOT TIME: Tue, 10 Dec 2019 - 4:16pm LAST SAVE: Mon, 09 Dec 2019 - 5:54pm BY: dbruney

WALL, WHERE OCCURRING, CONNECTION TO STRUCTURE MUST OCCUR AT SLAB OR TOP OF BEAM. DO NOT CONNECT TO BOTTOM OF BEAM.



DECK SPANNING PARALLEL

WALL, WHERE OCCURRING, CONNECTION TO STRUCTURE MUST OCCUR AT SLAB OR TOP OF BEAM. DO NOT CONNECT TO BOTTOM OF BEAM.



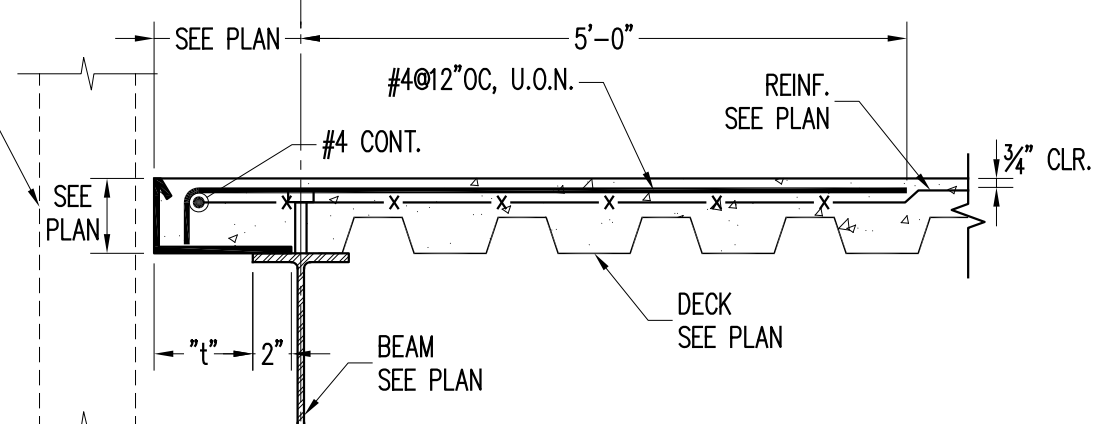
DECK SPANNING PERPENDICULAR

"t"	POUR STOP SELECTION CHART		
	CONCRETE WEIGHT		
	150 PCF	110-115 PCF	
	GAGE FOR 5 1/2" SLAB	GAGE FOR 7 1/2" SLAB	GAGE FOR 6 1/4" SLAB
UP TO 9"	*	*	*
9" TO 10"	*	1/4" BENT PL.	*
10" TO 12"	1/4" BENT PL.	1/4" BENT PL.	1/4" BENT PL.

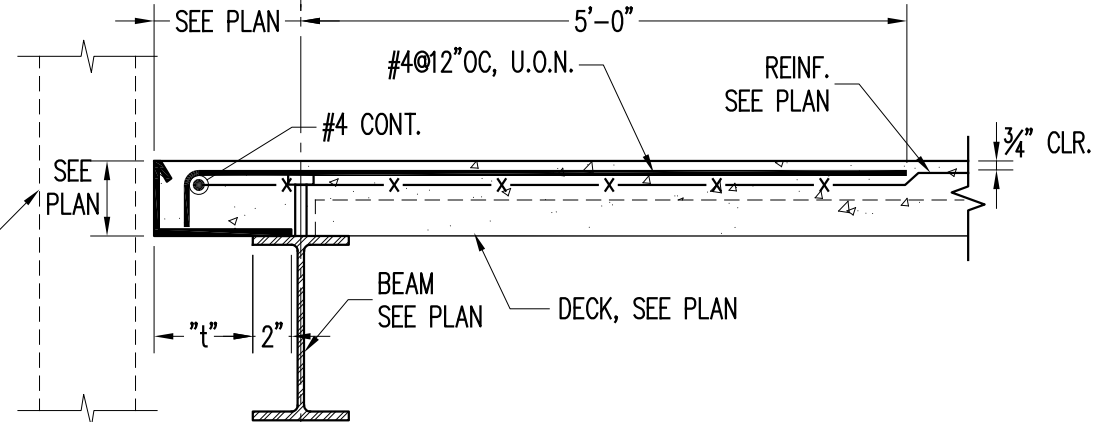
* INDICATES GAGE. METAL POUR STOP, SEE DECK MANUFACTURERS POUR STOP SELECTION CHART FOR GAGE.

WALL, WHERE OCCURRING, CONNECTION TO STRUCTURE MUST OCCUR AT SLAB OR TOP OF BEAM. DO NOT CONNECT TO BOTTOM OF BEAM.

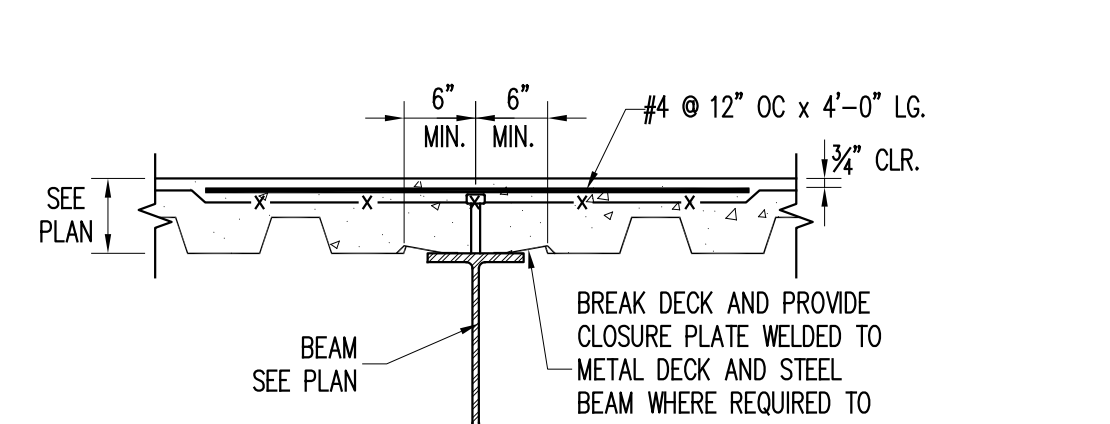
NOTE: REBAR HOOKS TO BE STANDARD 90 DEGREE HOOKS PER ACI 318. TILT AS NECESSARY TO FIT IN SLAB AND SATISFY TYP CLEAR COVER REQUIREMENTS



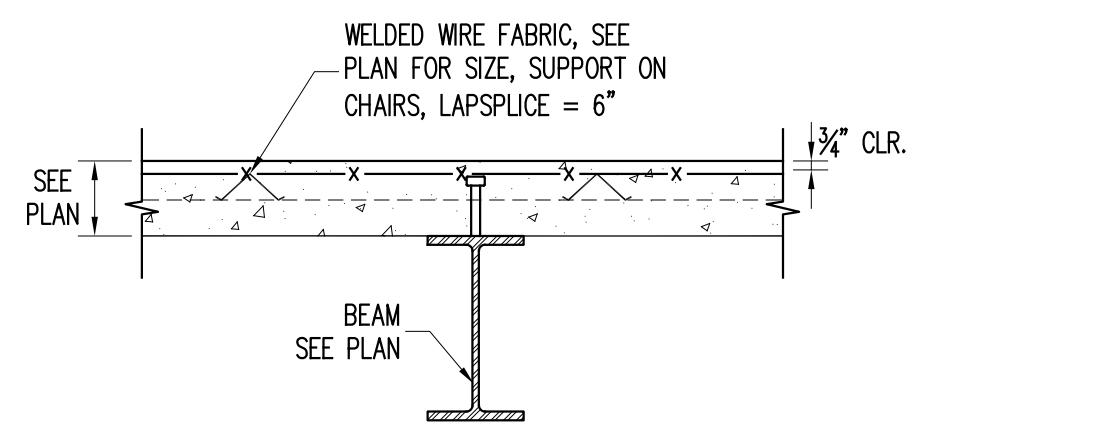
DECK SPANNING PARALLEL



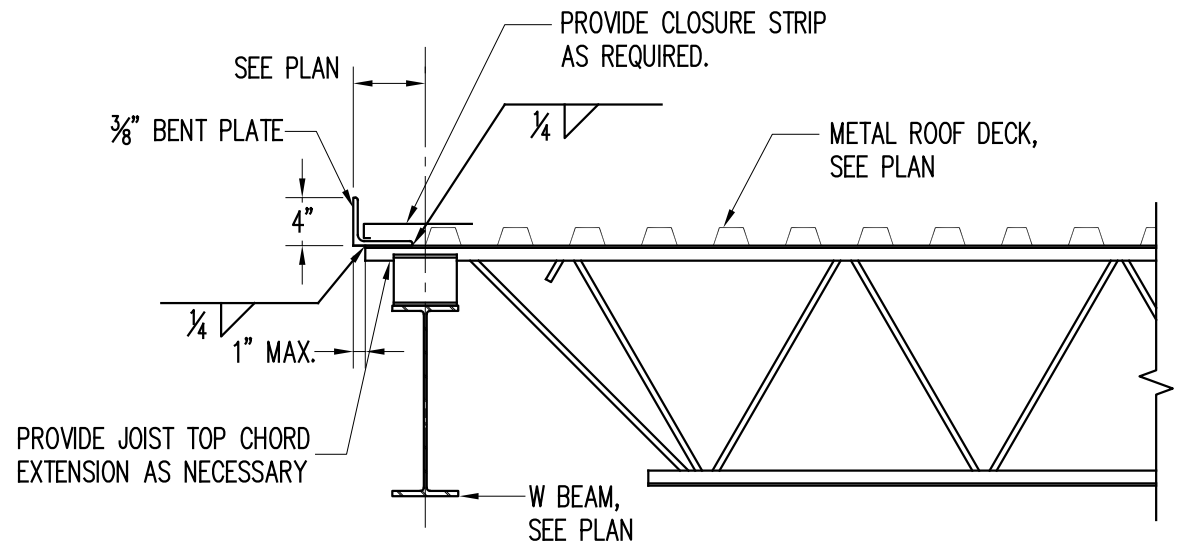
DECK SPANNING PERPENDICULAR OR DIAGONAL



DECK SPANNING PARALLEL

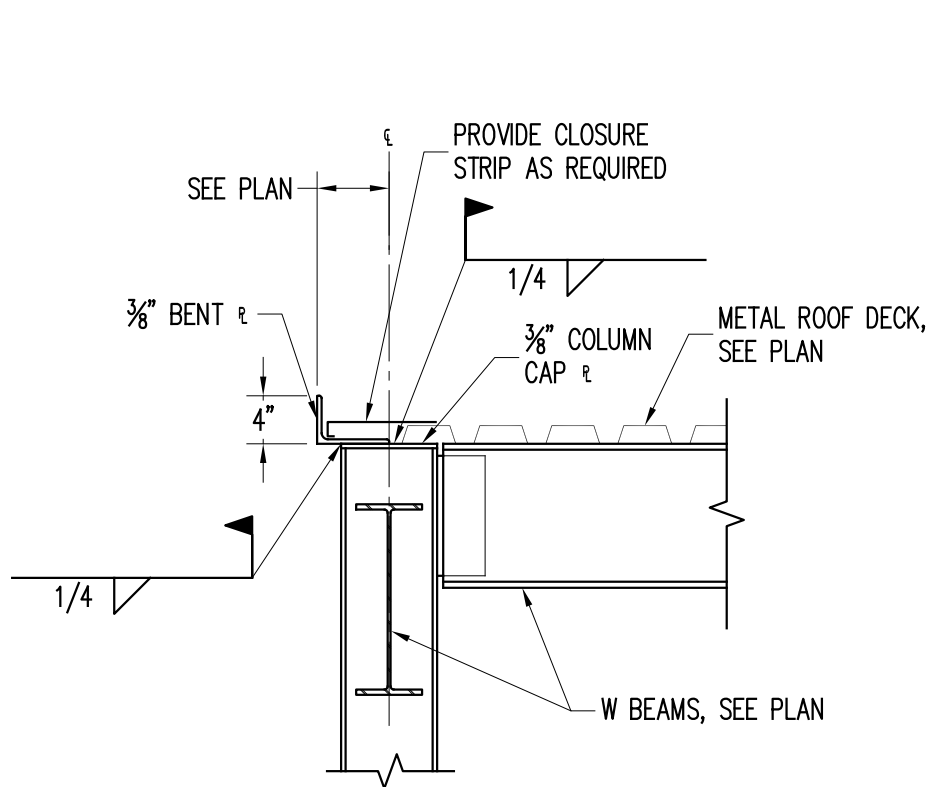


DECK SPANNING PERPENDICULAR

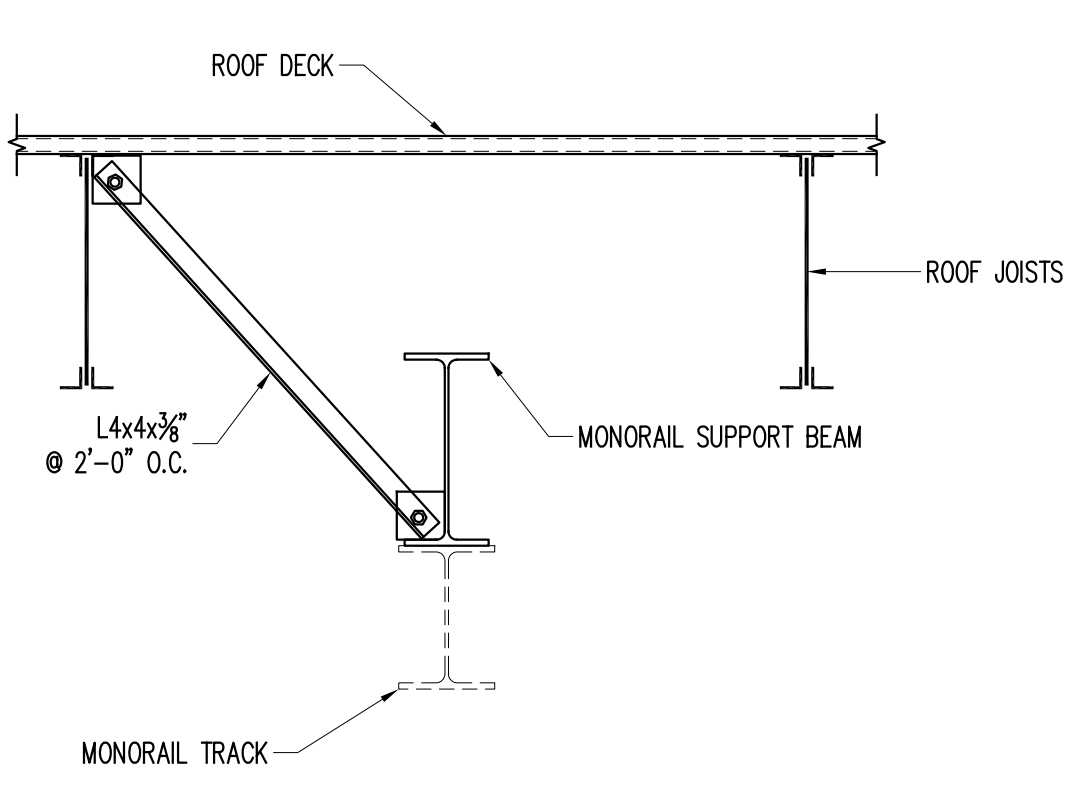


TYP DECK PERP. TO ROOF JOISTS DETAIL

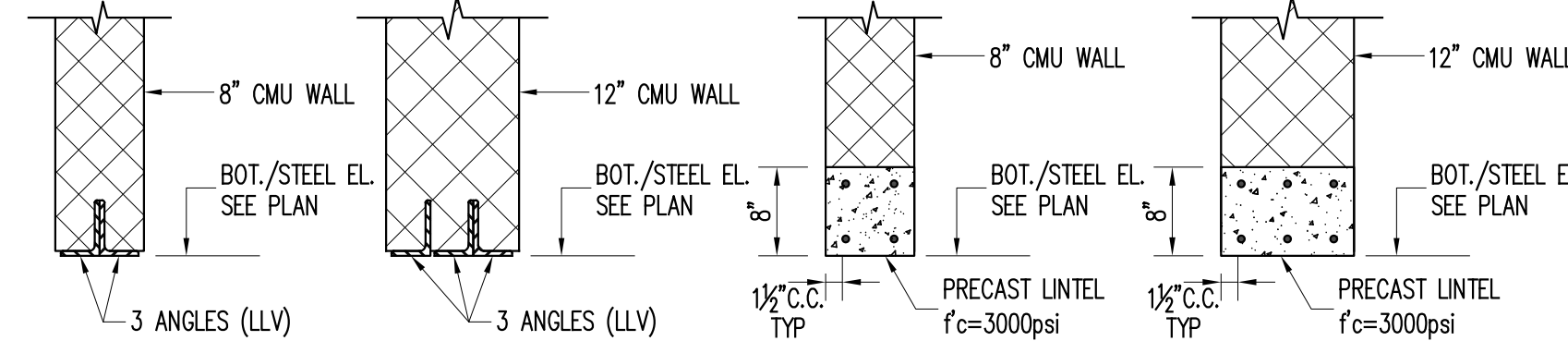
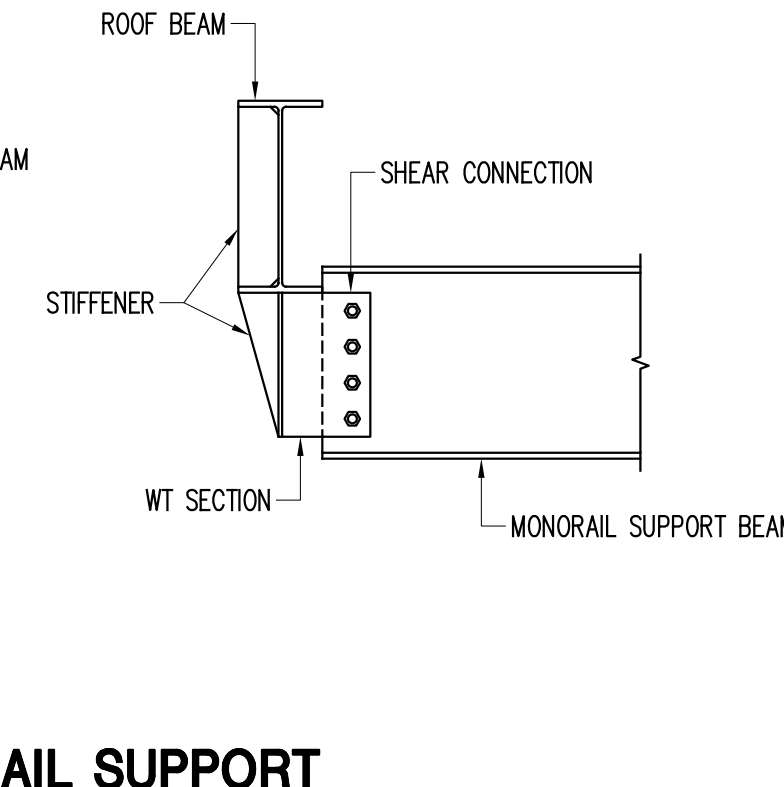
A TYP ROOF DECK EDGE DETAIL



B TYP SLAB ON METAL DECK EDGE DETAIL



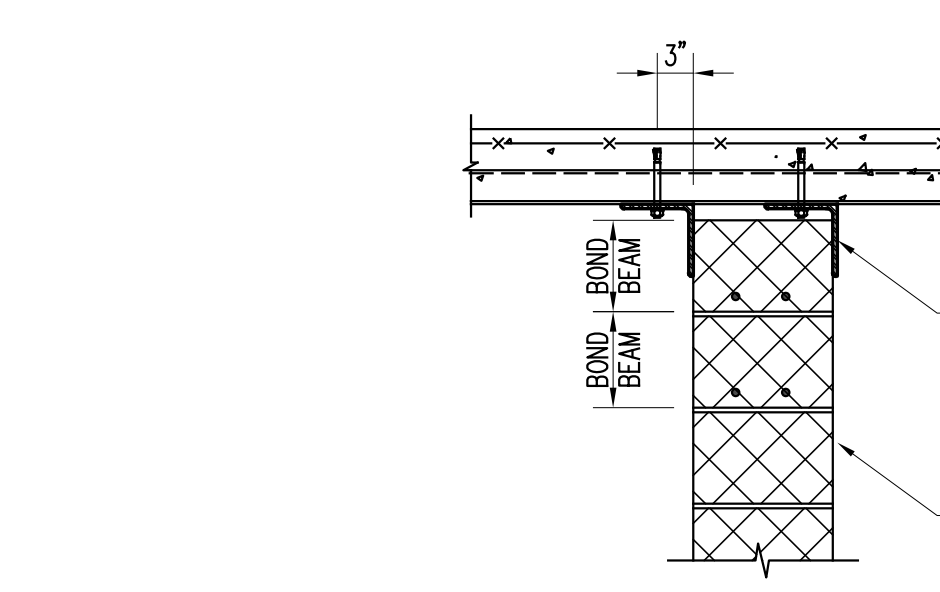
C TYP SLAB ON METAL DECK DETAIL



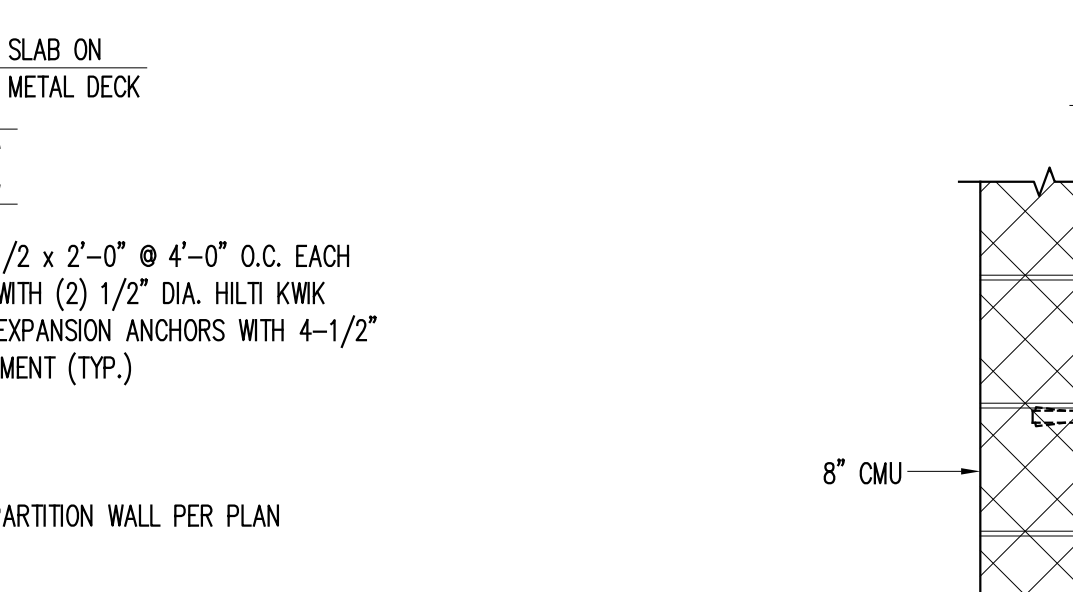
OPTION A - STEEL LINTEL

OPTION B - PRECAST LINTEL

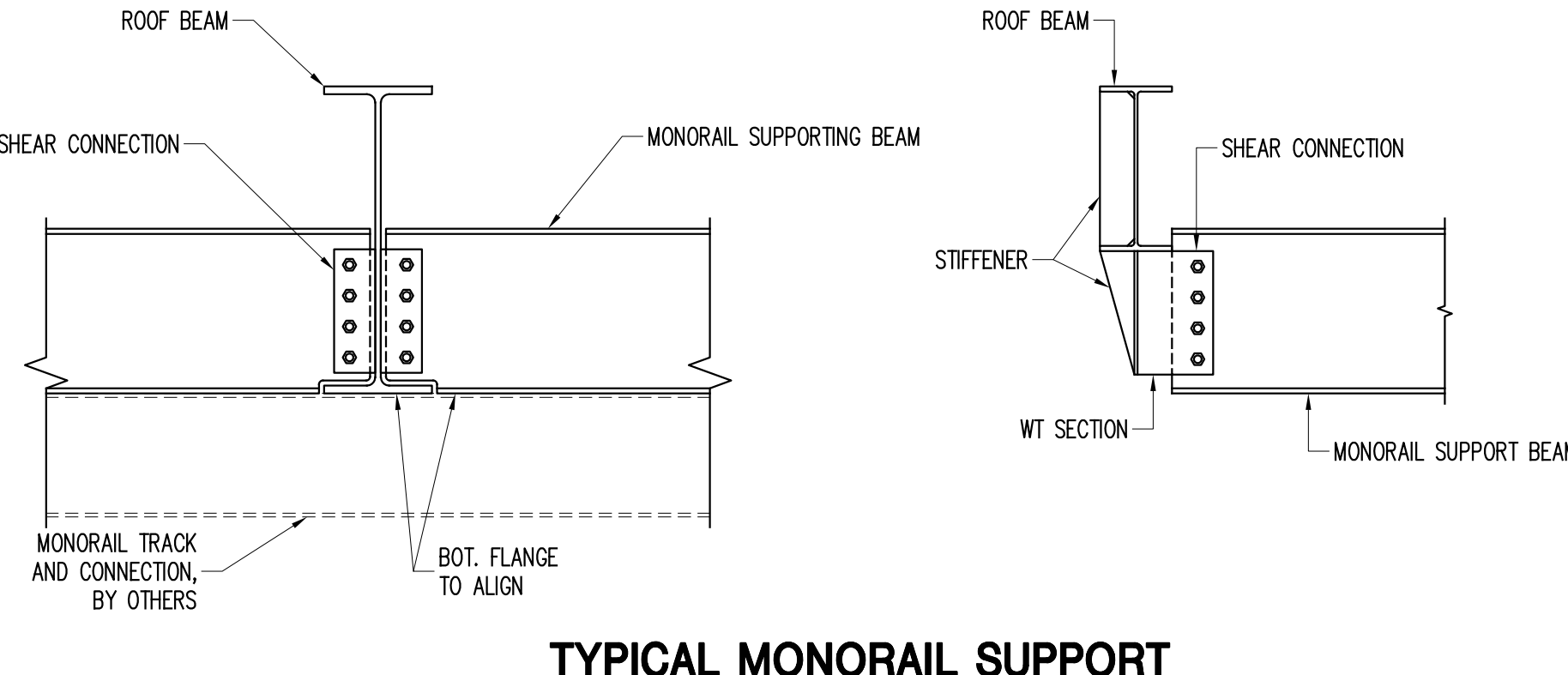
E TYP DECK PERP. TO ROOF JOISTS AT COLUMN DETAIL



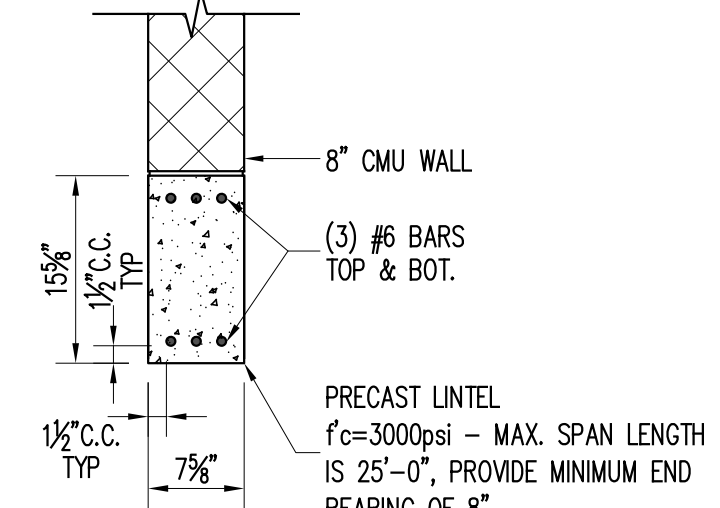
F SECTION AT MONORAIL SUPPORT BEAMS



G TYPICAL MONORAIL SUPPORT BEAM CONNECTIONS



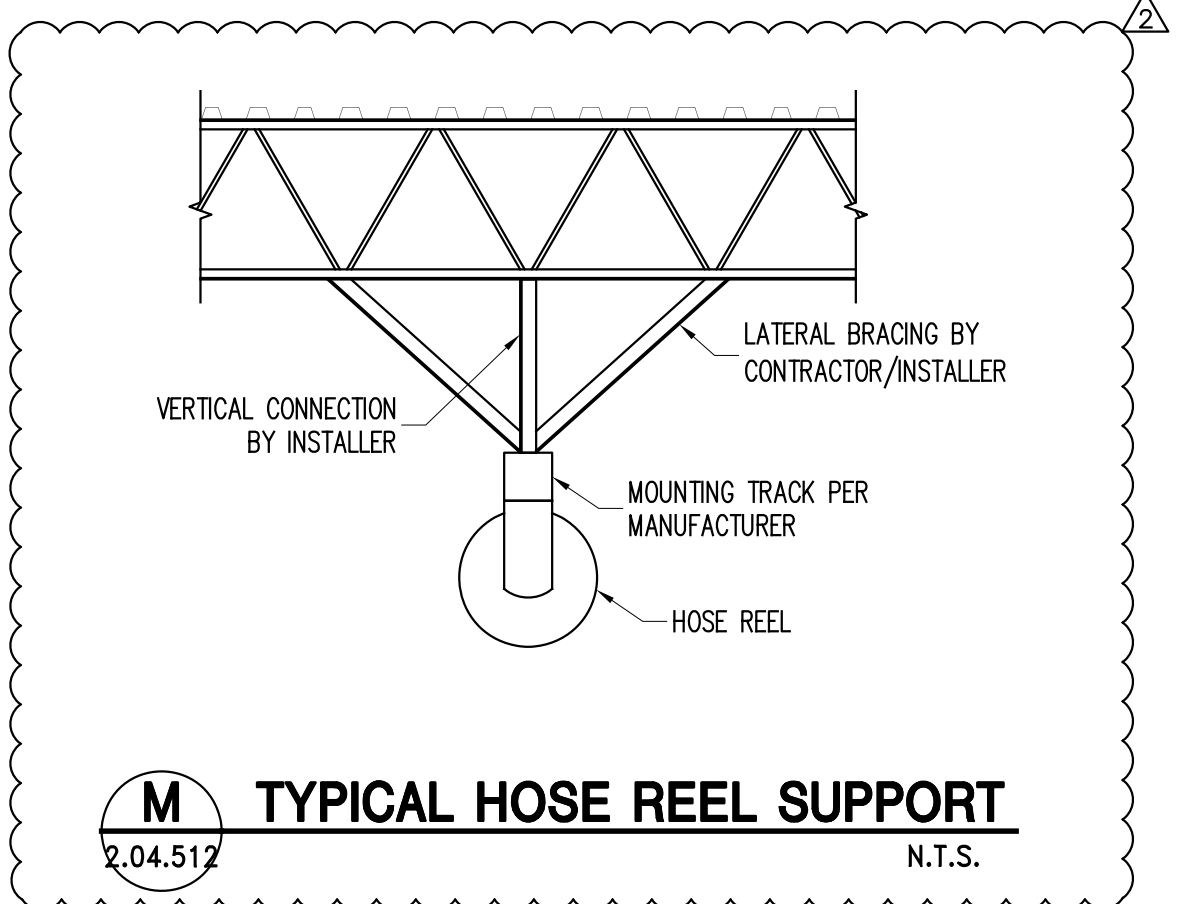
LINTEL AT MASONRY WALL		
OPENING SIZE	OPTION A ANGLE LINTEL PER 4" OF WALL	OPTION B PRECAST CONCRETE LINTEL T&B REBAR PER 4" OF WALL
0'-0" TO 4'-0"	(1) L 3 1/2 x 3 1/2 x 3/8	(1) #4
4'-1" TO 6'-0"	(1) L 5 1/2 x 3 1/2 x 5/8	(1) #5
6'-1" TO 8'-0"	(1) L 6 1/2 x 3 1/2 x 5/8	(1) #6
GREATER THAN 8'-0"	PROVIDE LINTEL AS CALLED OUT ON ELEVATIONS ON S-201	



PRECAST LINTEL - MAXIMUM 12' OPENING

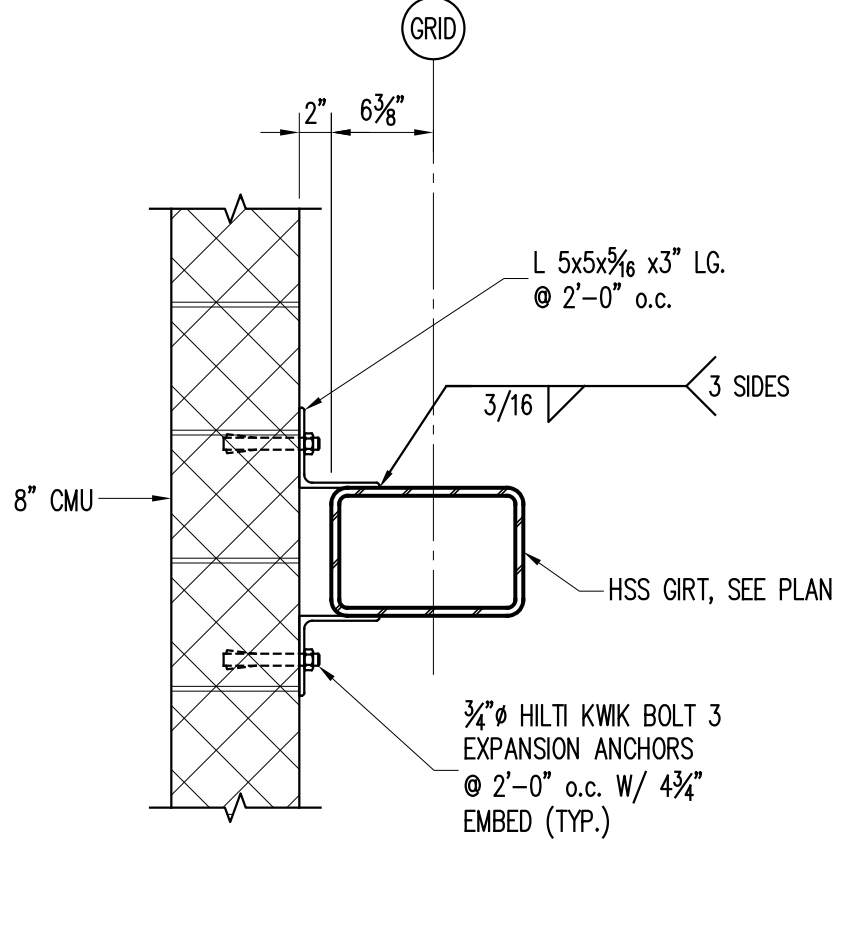
- NOTES:
- STEEL LINTELS SHALL HAVE MINIMUM OF 4" BEARING. PRECAST LINTELS SHALL HAVE MINIMUM BEARING OF 8".
 - WHERE 10" BLOCK IS USED, USE L 6 x 4 x 5/16 FOR EACH 5" OF WALL.
 - PROVIDE PORTS IN PRECAST LINTEL TO ALLOW JAMB BARS TO PASS THROUGH LINTEL PORTS WITH REBAR SHALL BE GROUTED SOLID.

L LINTEL AT MASONRY WALL

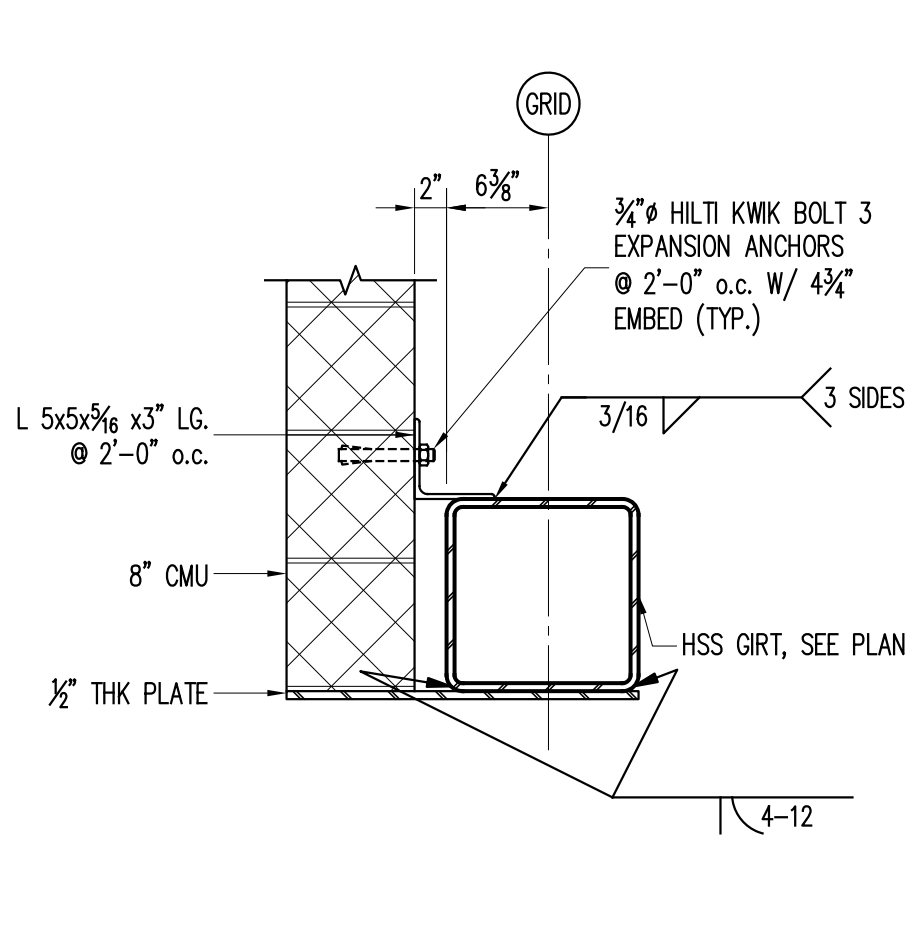


M TYPICAL HOSE REEL SUPPORT

J SECTION AT WIND GIRT



K SECTION AT WIND GIRT AT GARAGE DOOR LINTEL



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PROJECT

COUNTY OF ROCKLAND
CAPITAL PROJECT NO. 1307
HIGHWAY DEPARTMENT /
EMERGENCY OPERATIONS FACILITY
COUNTY OF ROCKLAND, NEW YORK

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SEAL

THOMAS W. BRODERICK
No. 065994
REGISTERED PROFESSIONAL ENGINEER

SHEET NAME

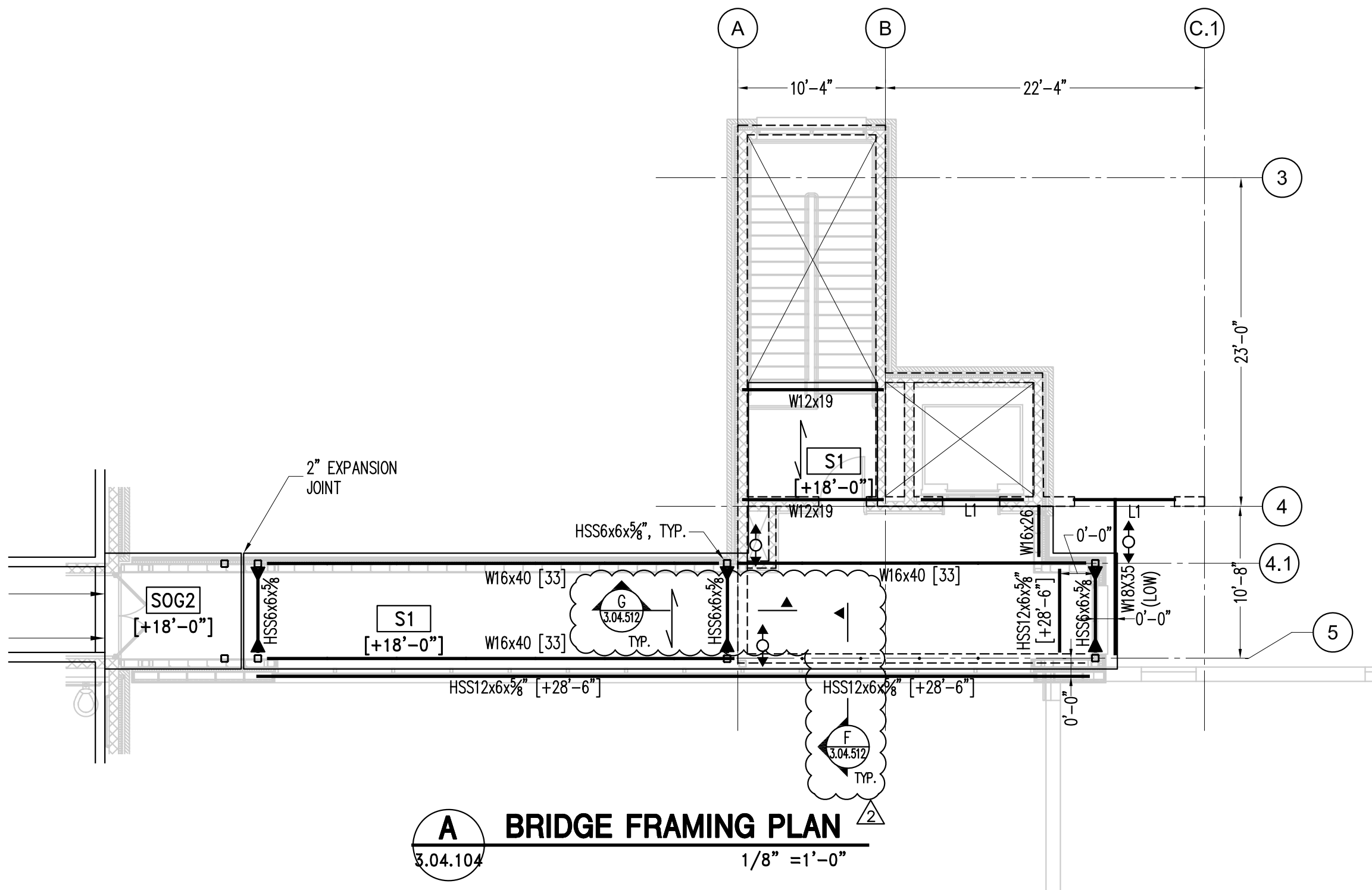
BUILDING 2 - STRUCTURAL
SUPERSTRUCTURE DETAILS -
3

ADDENDUM#14

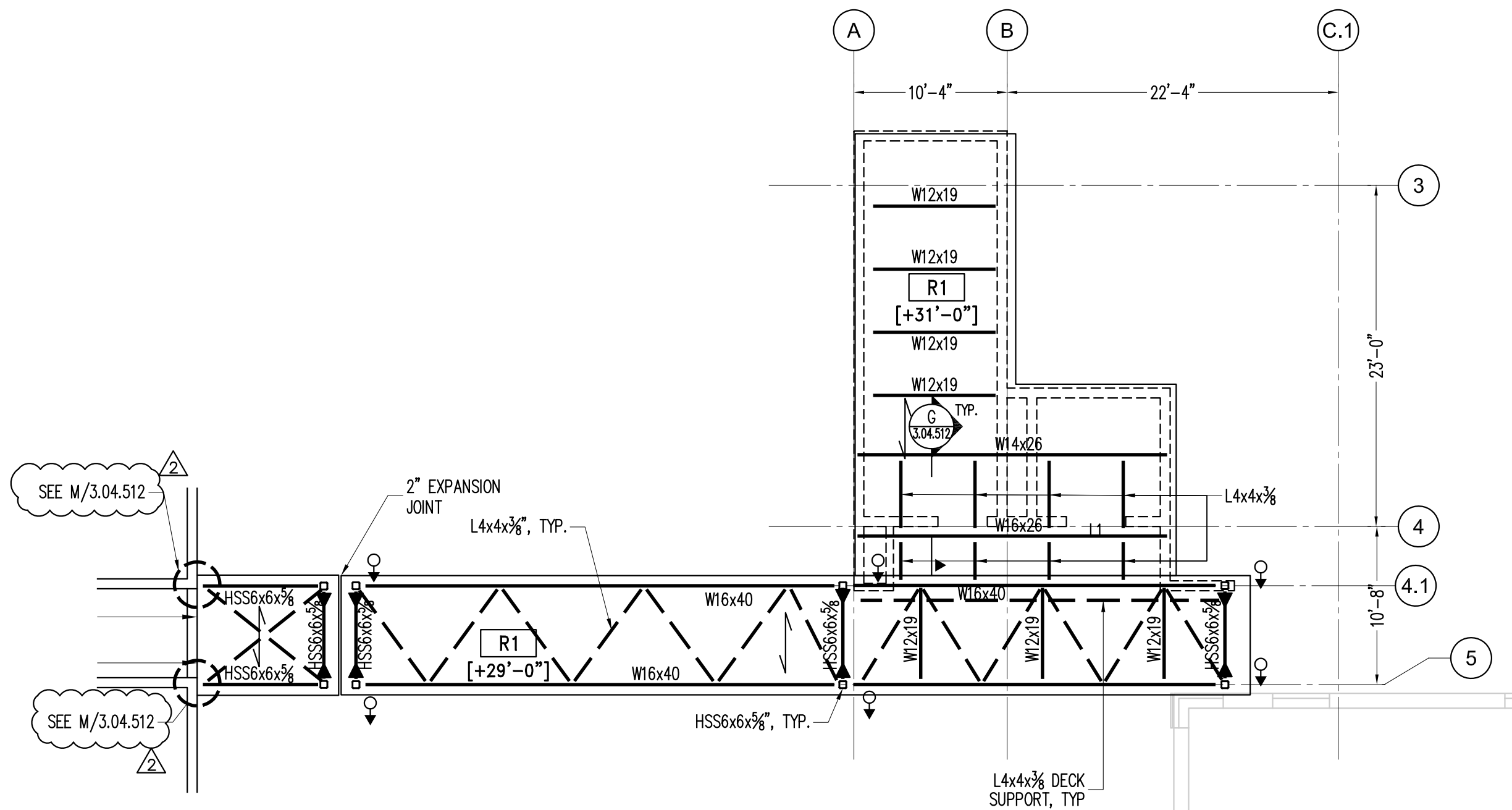
PROJECT NO. 130439
SCALE AS NOTED
DATE OCTOBER 30, 2019
DRAWN BY ACD
CHECKED BY AK
APPROVED BY TWB

ISSUED FOR
BID SET

DRAWING NO.
2.04.512
OF SHS



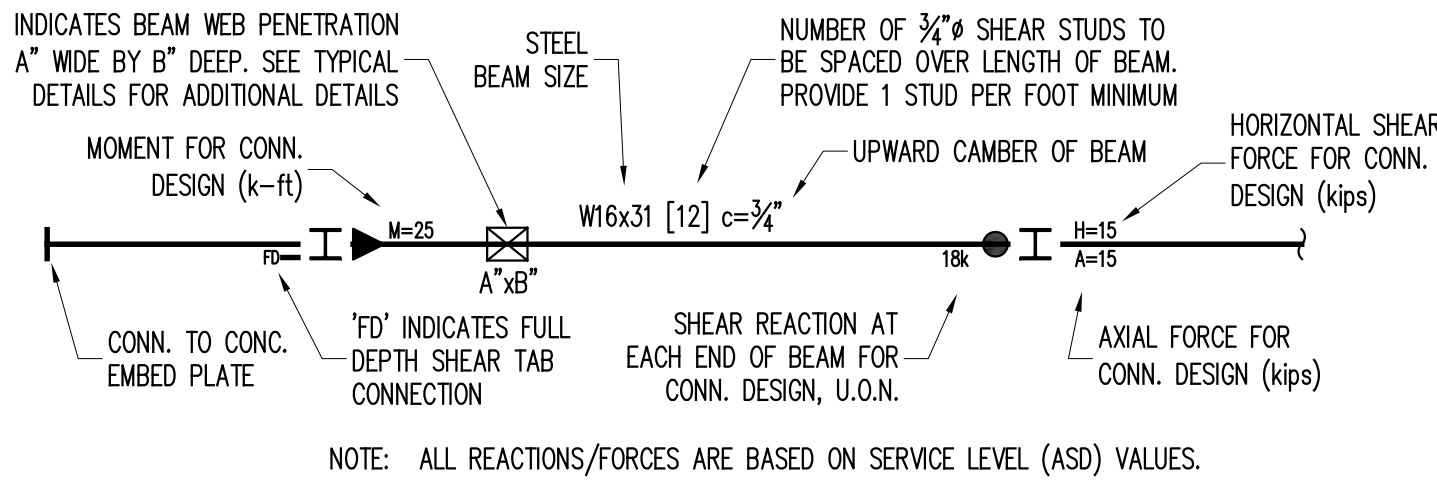
A BRIDGE FRAMING PLAN
3.04.104 1/8" = 1'-0"



B BRIDGE ROOF FRAMING PLAN
3.04.104 1/8" = 1'-0"

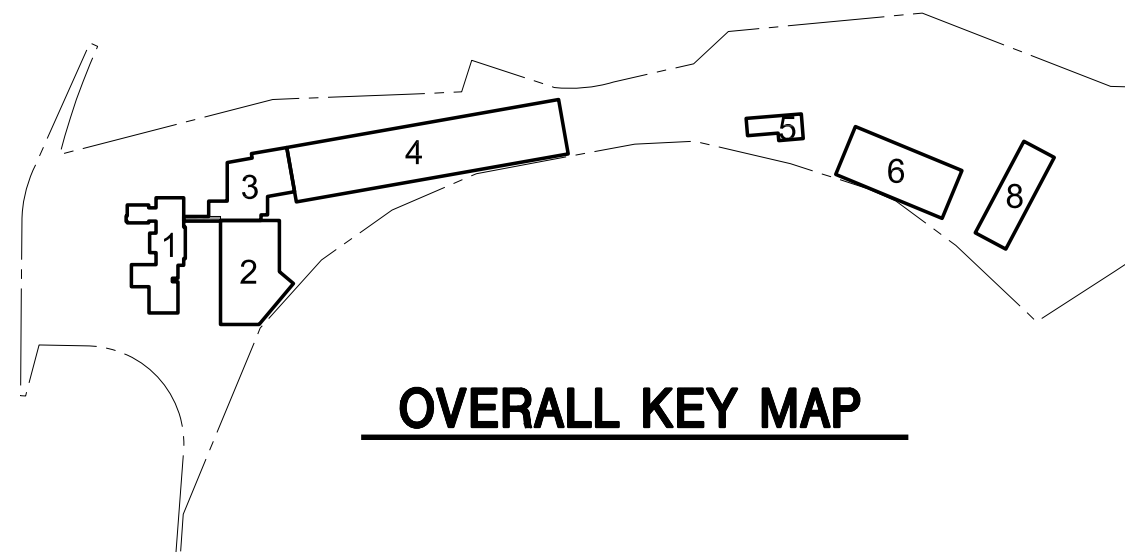
SYMBOL LEGEND:

- INDICATES AXIAL CONNECTION
- ▶ INDICATES MOMENT CONNECTION
- (S) INDICATES SLOPING BEAM
- INDICATES COLUMN OR HANGER ABOVE THIS LEVEL
- INDICATES COLUMN OR HANGER BELOW THIS LEVEL
- ↑ INDICATES POST ABOVE THIS LEVEL
- ↓ INDICATES HANGER BELOW
- EDB INDICATES HSS 6x4x3/8 ELEVATOR DIVIDER BEAM



NOTE: ALL REACTIONS/FORCES ARE BASED ON SERVICE LEVEL (ASD) VALUES.

DECK SCHEDULE			
SLAB MARK	MATERIAL	SPECIFICATION	FASTENERS
S1	3" LOK FLOOR 18 GA. WITH 3 1/4" CONCRETE TOPPING TOTAL THICK 6 1/4"	4000 PSI LW CONCRETE	
R1	1/2" - 18 GA. METAL DECK	TYPE B - GALVANIZED	5/8" PUDDLE WELD @ 36/7 PATTERN



OVERALL KEY MAP

- NOTES:**
- [XX'-XX"] INDICATES TOP OF SLAB ELEVATION. ALL ELEVATIONS SHOWN THUS (XX'-XX") ARE IN RELATION TO THIS DATUM.
 - [0'-0"] INDICATES NAVD ELEVATION 462'-00". ALL ELEVATIONS SHOWN THUS [XX'-XX"] ARE IN RELATION TO THIS DATUM.
 - SX INDICATES SLAB TYPE. SEE SLAB SCHEDULE THIS DRAWING.
 - FOR GENERAL NOTES, SEE 0.04.010 SERIES DRAWINGS.
 - FOR TYPICAL FOUNDATION DETAILS, SEE 0.04.500 SERIES DRAWINGS.
 - COORDINATE DRAIN LOCATIONS AND DETAILS WITH ARCH/MEP DRAWINGS.

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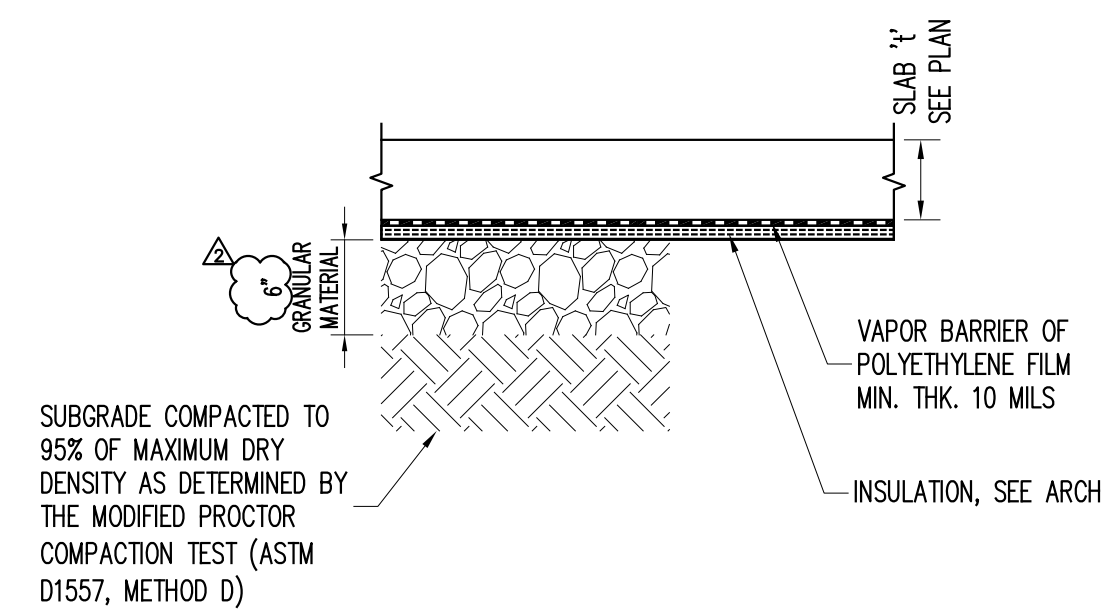
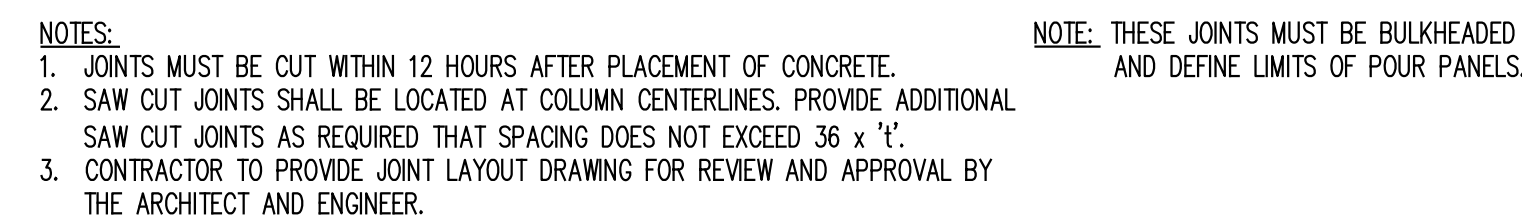
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SEAL
THOMAS W. BRODERICK
No. 065994
REGISTERED PROFESSIONAL ENGINEER

SHEET NAME
BUILDING 3 - STRUCTURAL
BRIDGE FRAMING
PART PLANS

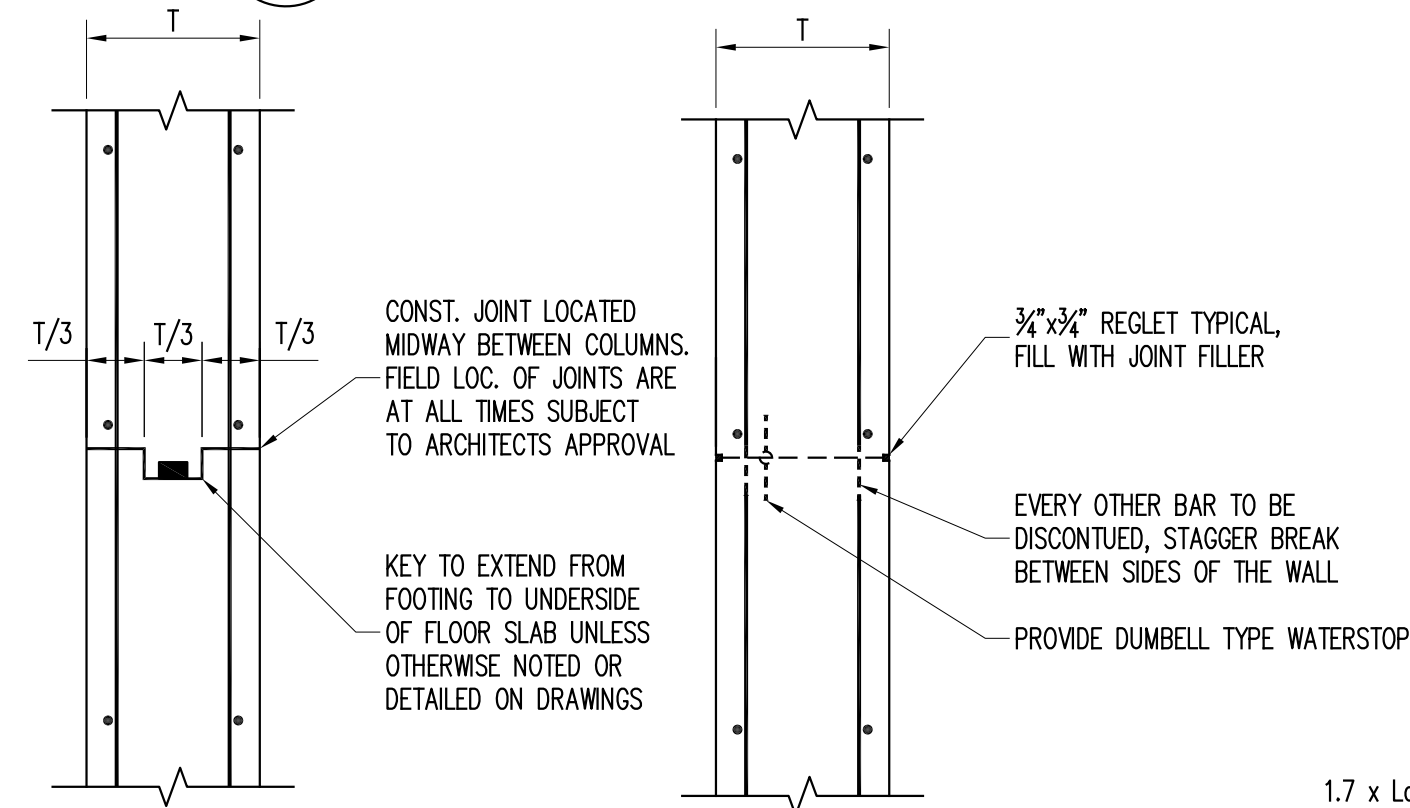
ADDENDUM#14

PROJECT NO. 130439
SCALE AS NOTED
DATE OCTOBER 30, 2019
DRAWN BY ACD
CHECKED BY AK
APPROVED BY TWB
ISSUED FOR **BID SET**
DRAWING NO. **3.04.104**
OF SHS



CONSTRUCTION JOINT (C.J.)

B TYP. SLAB JOINTS AROUND COLUMN
3.04.500 N.T.S.



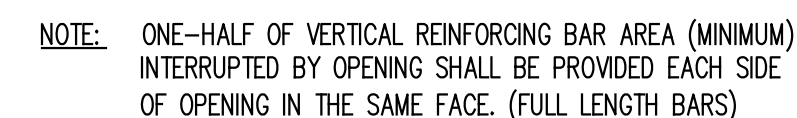
AT END

NOTE: VERTICAL REINFORCEMENT NOT SHOWN FOR CLARITY.

CONTRACTION JOINT

NOTES:

1. DISTANCE BETWEEN CONTROL JOINTS TO BE A MAXIMUM OF 60 FEET.
2. CONTROL JOINT SHALL BE PLACED NO FARTHER THAN 10'-0" FROM ANY CORNER.
3. FOR WATERPROOFING, SEE ARCHITECTURAL DRAWINGS.



**TYPICAL SLEEVE
THROUGH WALL**

NOTE: COORDINATE OPENING SIZES AND LOCATIONS WITH
CERTIFIED MECHANICAL SHOP DRAWINGS.

F TYPICAL WALL JOINT DETAILS
3.04.500 N.T.S.



L CMU WALL ON SOG DETAIL

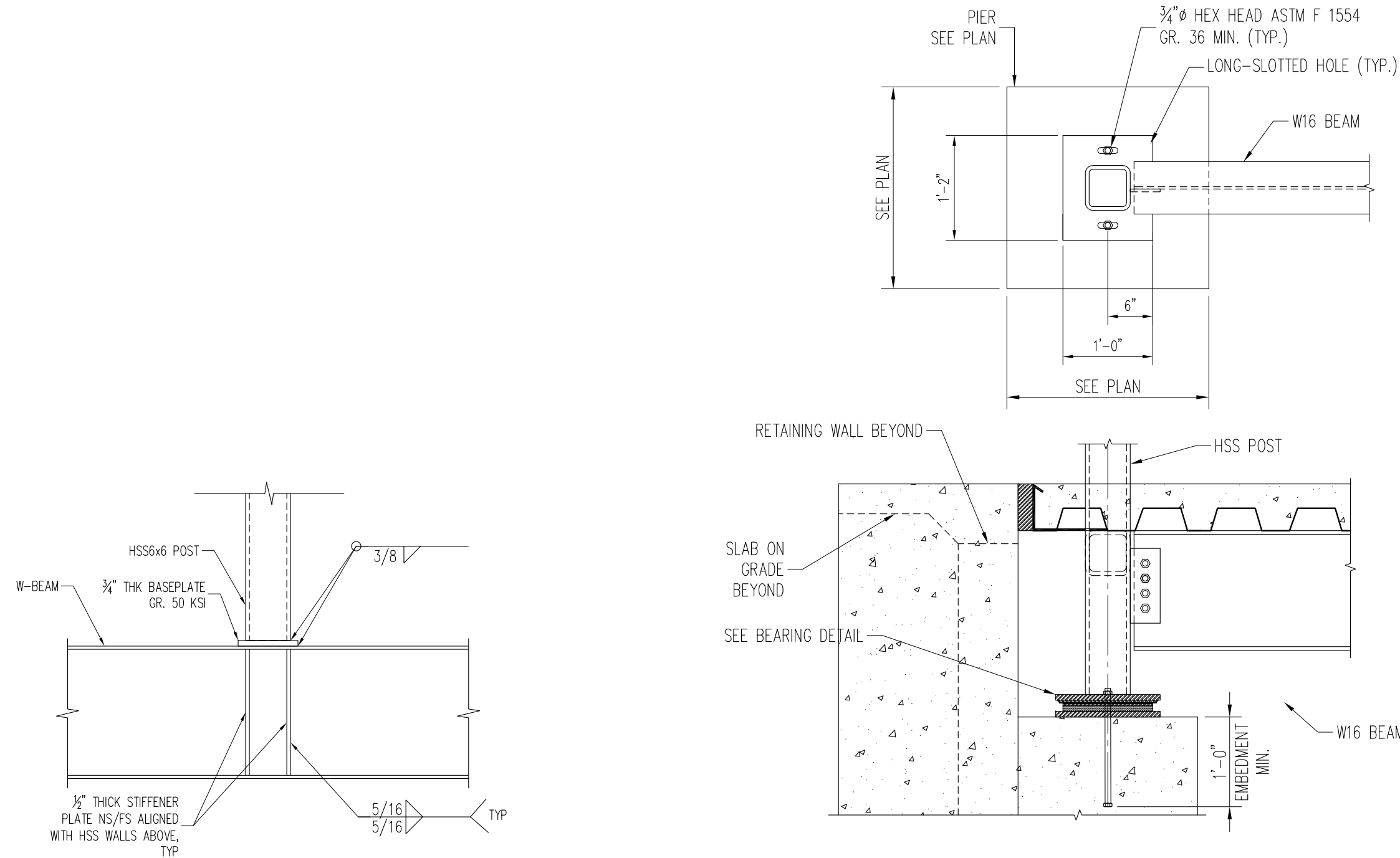


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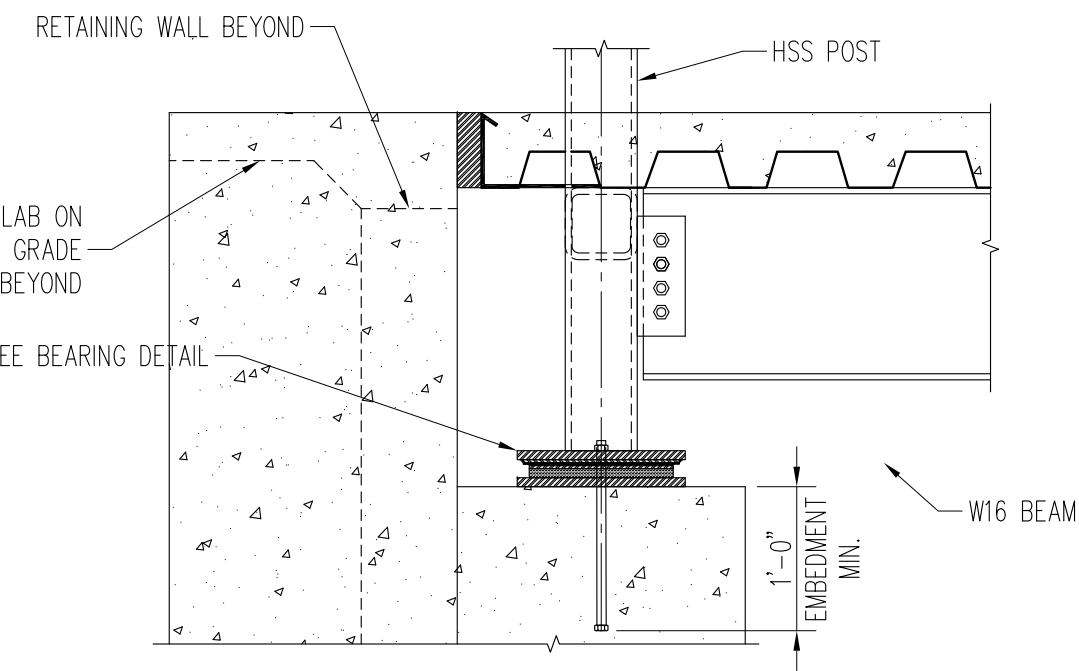
ADDENDUM#14

3.04.500

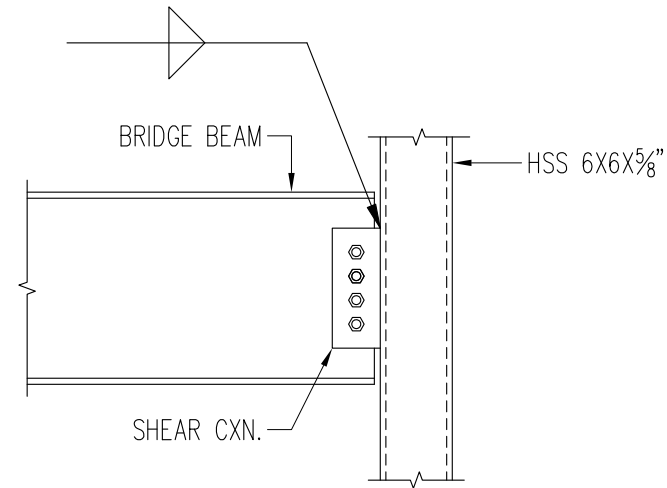
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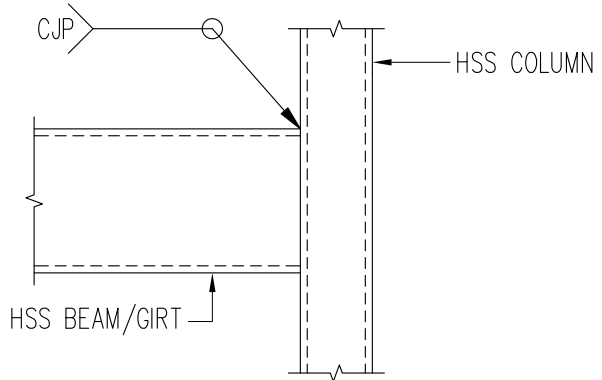
A TYPICAL COLUMN TRANSFER DETAIL
3.04.512 N.T.S.



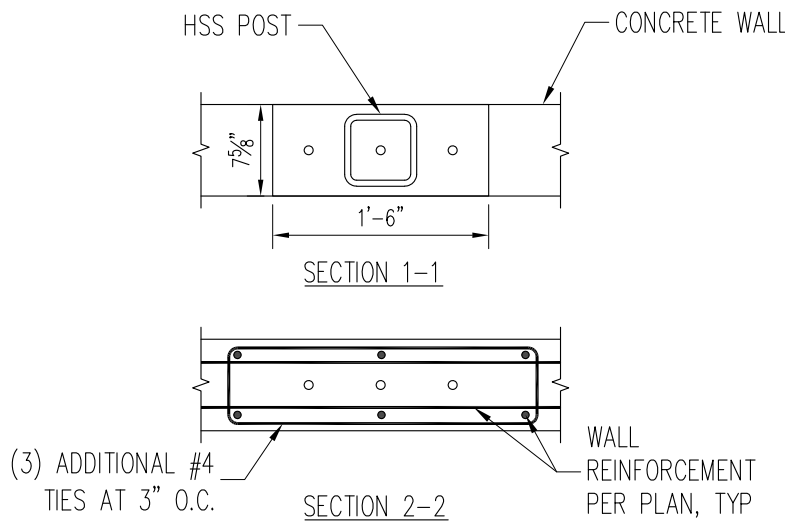
B BRIDGE BEAM TO PIER CONNECTION
3.04.512 N.T.S.



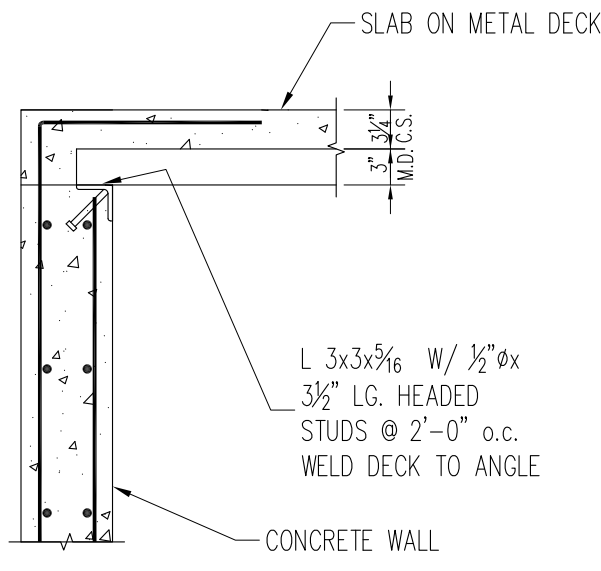
C BRIDGE BEAM TO HSS CONNECTION
3.04.512 N.T.S.



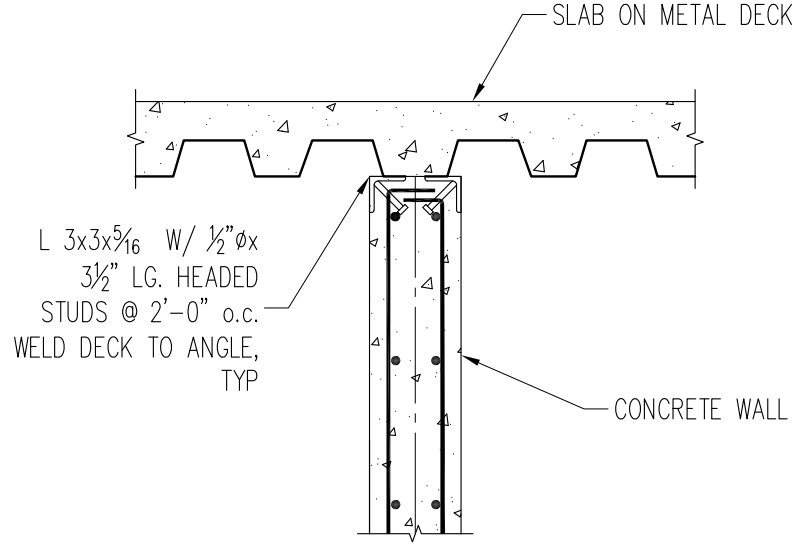
D TYPICAL HSS BEAM TO COLUMN CONNECTION
3.04.512 N.T.S.



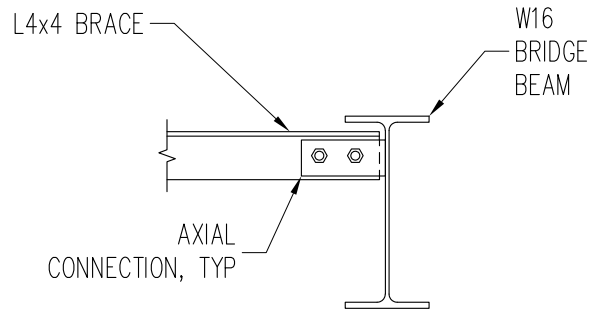
E TYPICAL HSS COLUMN TO CONCRETE WALL CONNECTION
3.04.512 N.T.S.



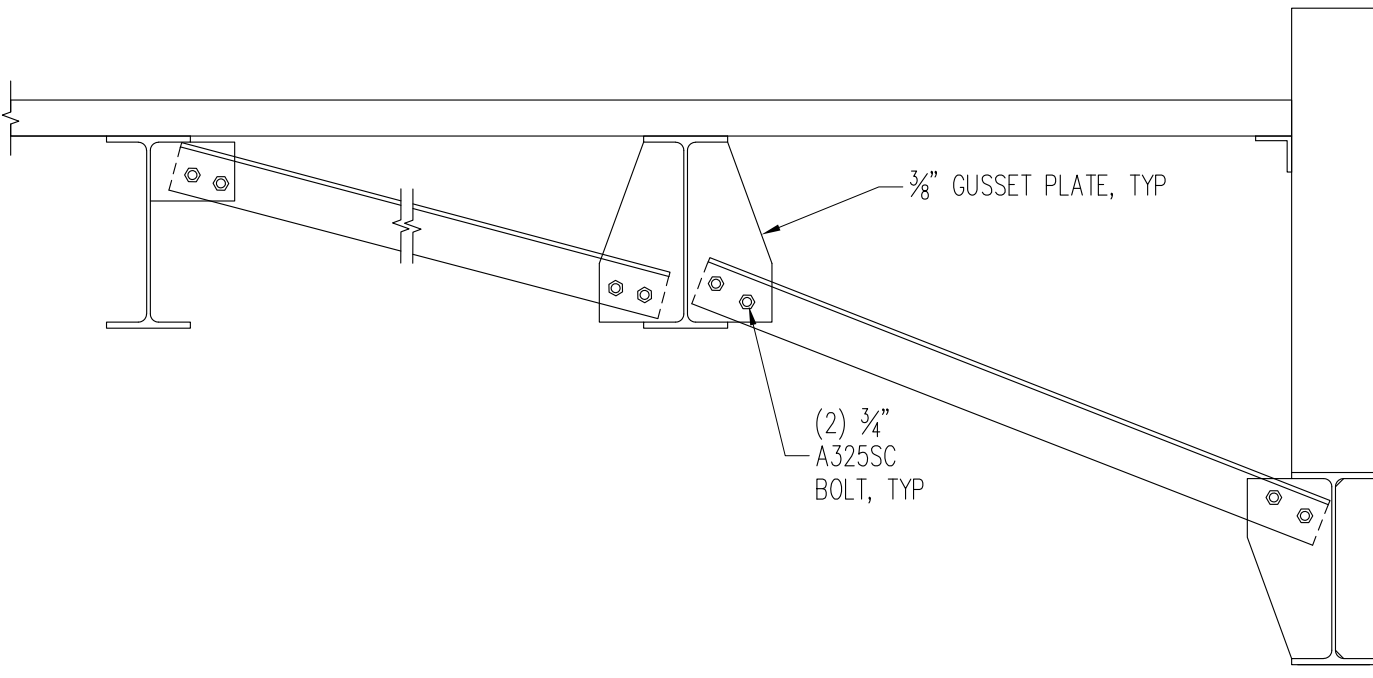
F TYPICAL DECK AT TOP OF CONCRETE WALL CONNECTION
3.04.512 N.T.S.



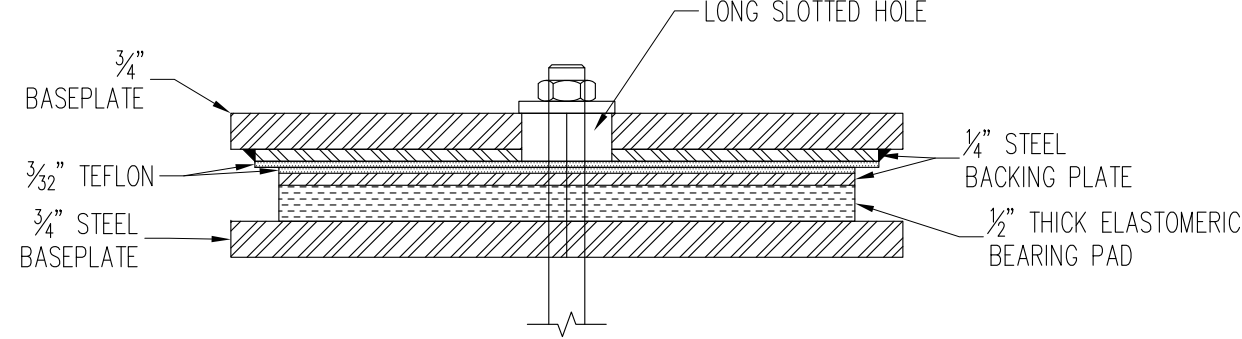
G TYPICAL DECK OVER CONCRETE WALL CONNECTION
3.04.512 N.T.S.



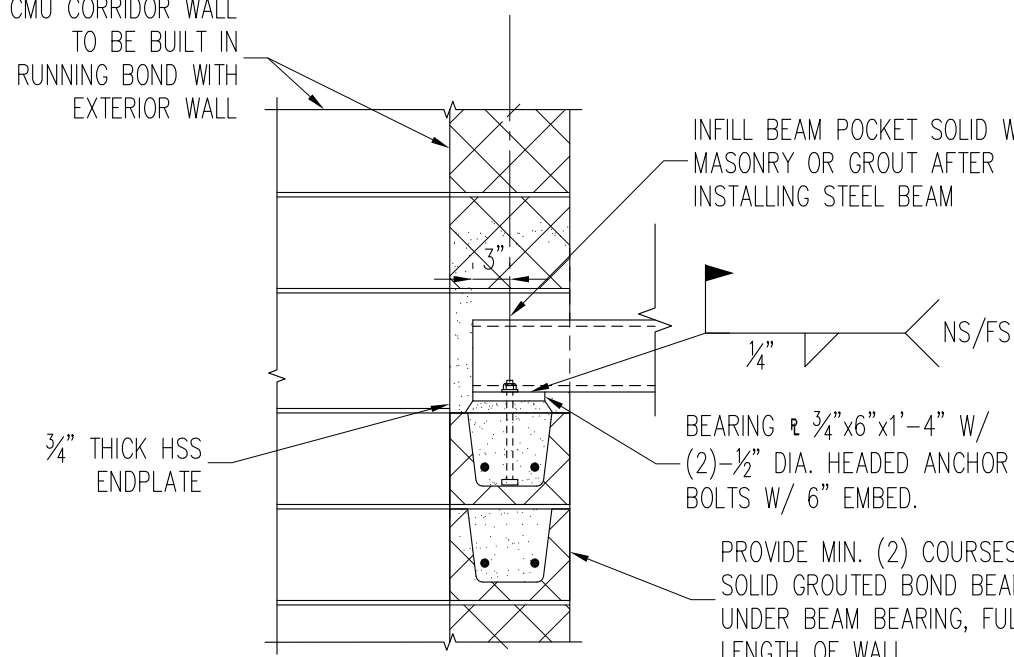
H TYPICAL HORIZONTAL BRACE TO BRIDGE BEAM CONNECTION
3.04.512 N.T.S.



J TYPICAL HORIZONTAL BRACE TO BRIDGE BEAM CONNECTION
3.04.512 N.T.S.



K BEARING DETAIL
3.04.512 N.T.S.



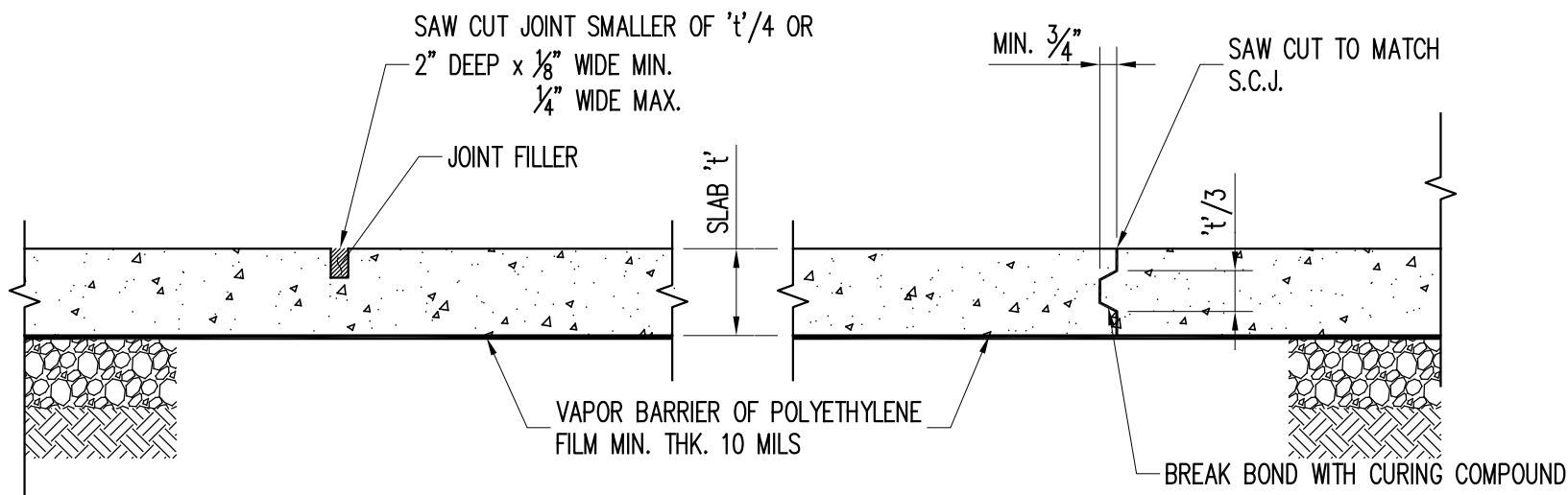
M DETAIL FROM HSS ROOF BEAM BEAM TO MASONRY WALL
3.04.512 N.T.S.

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CONSULTANTS ARCHITECT STV 100 Years STV Architects, P.C. 225 Park Avenue South New York, NY 10003 (212) 777-4400 FAX: (212) 473-2780 www.stvinc.com	MEP ENGINEER OLA Consulting Engineers 60 Broadway, Hawthorne, New York 10652 914.747.2800 12 East 48th Street, 11th Fl. New York, NY 10017 948.848-5110 olace.com	FACILITIES CONSULTANT Gannett Fleming	LANDSCAPE ARCHITECT IQ Imbiano-Quigley Landscape Architects 31 Mamaroneck Ave., 7th Floor White Plains, New York 10601 admin@iqlandscape.com (914) 252-4090	PROJECT COUNTY OF ROCKLAND CAPITAL PROJECT NO. 1307 HIGHWAY DEPARTMENT / EMERGENCY OPERATIONS FACILITY COUNTY OF ROCKLAND, NEW YORK	McLaren ENGINEERING GROUP applied ingenuity M. G. McLaren Engineering and Land Surveying P.C. 530 Chestnut Ridge Road, Woodcliff Lake, NJ 07677 T: 201.775.6000 F: 201.746.8522 www.mgmclaren.com	SEAL STATE OF NEW YORK THOMAS W. BRODERICK No. 065994 LICENSED PROFESSIONAL ENGINEER	SHEET NAME BUILDING 3 - STRUCTURAL SUPERSTRUCTURE DETAILS - 3	2 12/09/19 ADDENDUM 08 No. DATE REVISION ATF BY	PROJECT NO. 130439 SCALE AS NOTED DATE OCTOBER 30, 2019 DRAWN BY ACD CHECKED BY AK APPROVED BY TWB	ISSUED FOR BID SET DRAWING NO. 3.04.512 OF SHTS
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FILE NAME: P:\Proj\130\130439\10_Dwg\CAD\01_Structural Set\4.04.501 BUILDING 4 DETAILS.dwg PLOT TIME: Wed, 11 Dec 2019 - 4:09pm BY: dthoury

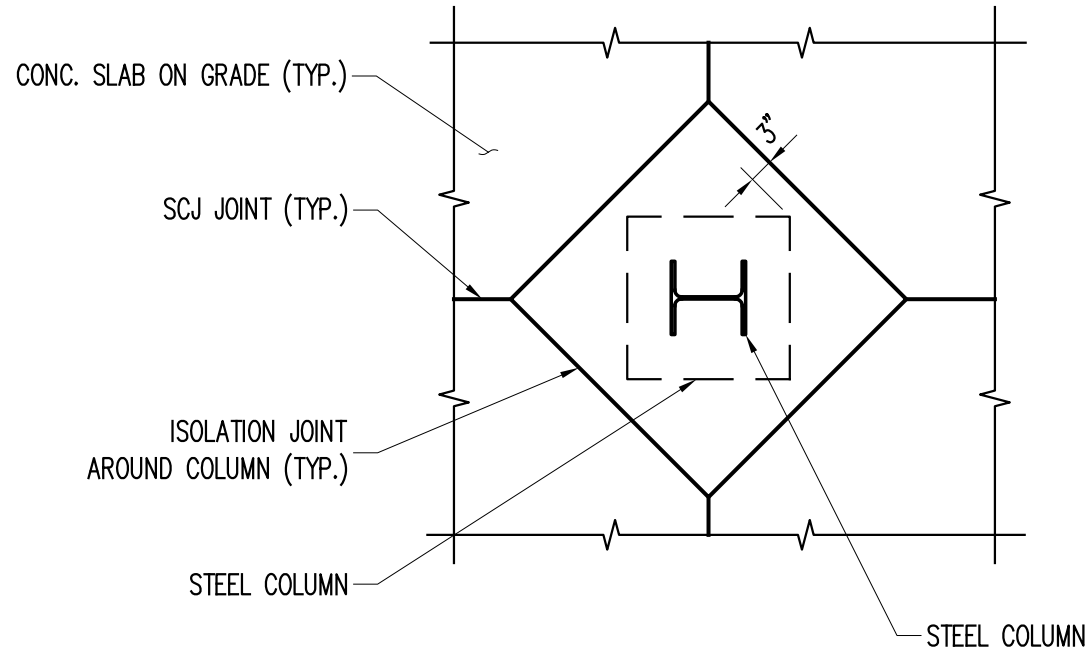
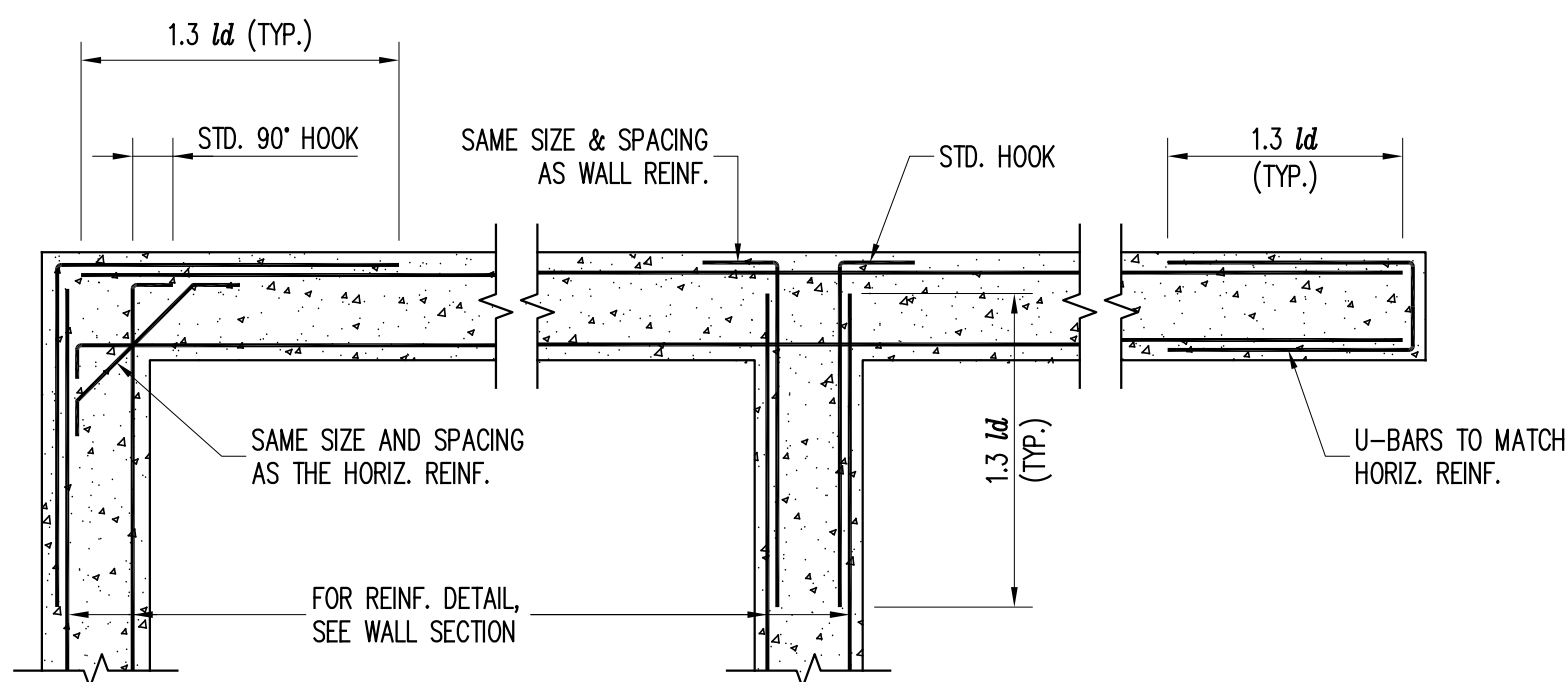


- NOTES:
1. JOINTS MUST BE CUT WITHIN 12 HOURS AFTER PLACEMENT OF CONCRETE.
 2. SAW CUT JOINTS SHALL BE LOCATED AT COLUMN CENTERLINES. PROVIDE ADDITIONAL SAW CUT JOINTS AS REQUIRED THAT SPACING DOES NOT EXCEED 36 x 't'.
 3. CONTRACTOR TO PROVIDE JOINT LAYOUT DRAWING FOR REVIEW AND APPROVAL BY THE ARCHITECT AND ENGINEER.
- NOTE: THESE JOINTS MUST BE BULKHEADED AND DEFINE LIMITS OF POUR PANELS.

SAW CUT JOINT (S.C.J.)

CONSTRUCTION JOINT (C.J.)

A TYP. SLAB ON GRADE JOINT DETAIL
4.04.502 N.T.S.



TYPICAL REINFORCING AT RE-ENTRANT CORNERS

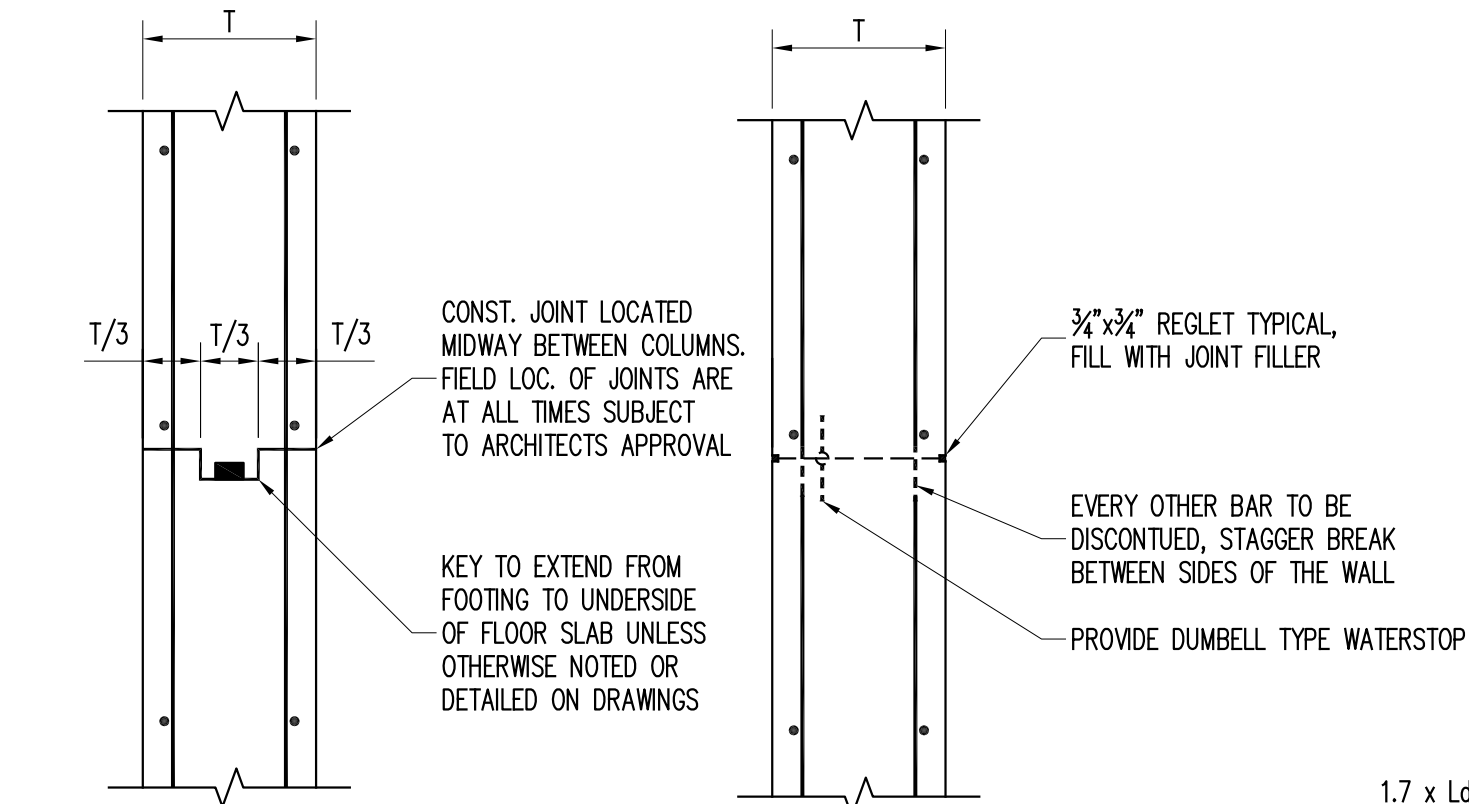
D
4.04.502 N.T.S.

AT CORNER

AT TEE INTERSECTION

AT END

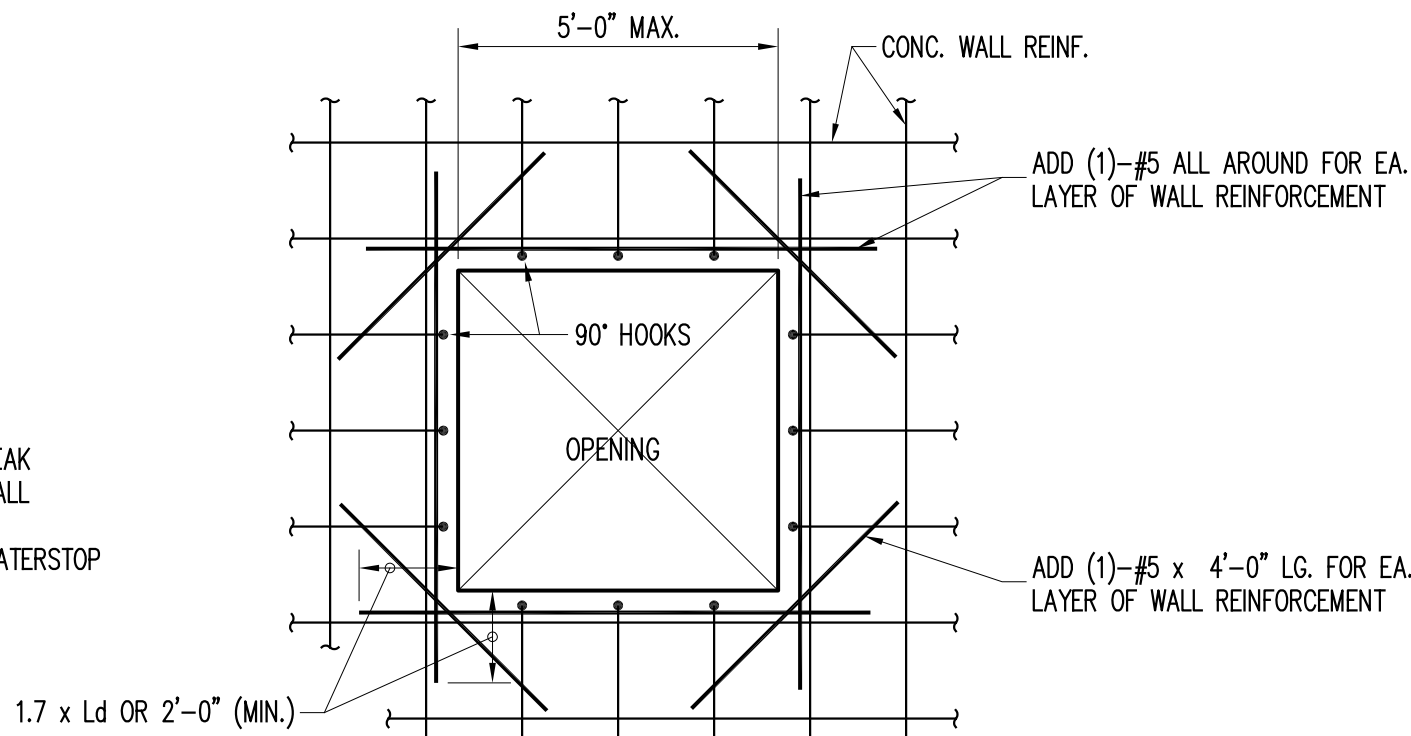
NOTE: VERTICAL REINFORCEMENT NOT SHOWN FOR CLARITY.



CONSTRUCTION JOINT

CONTRACTION JOINT

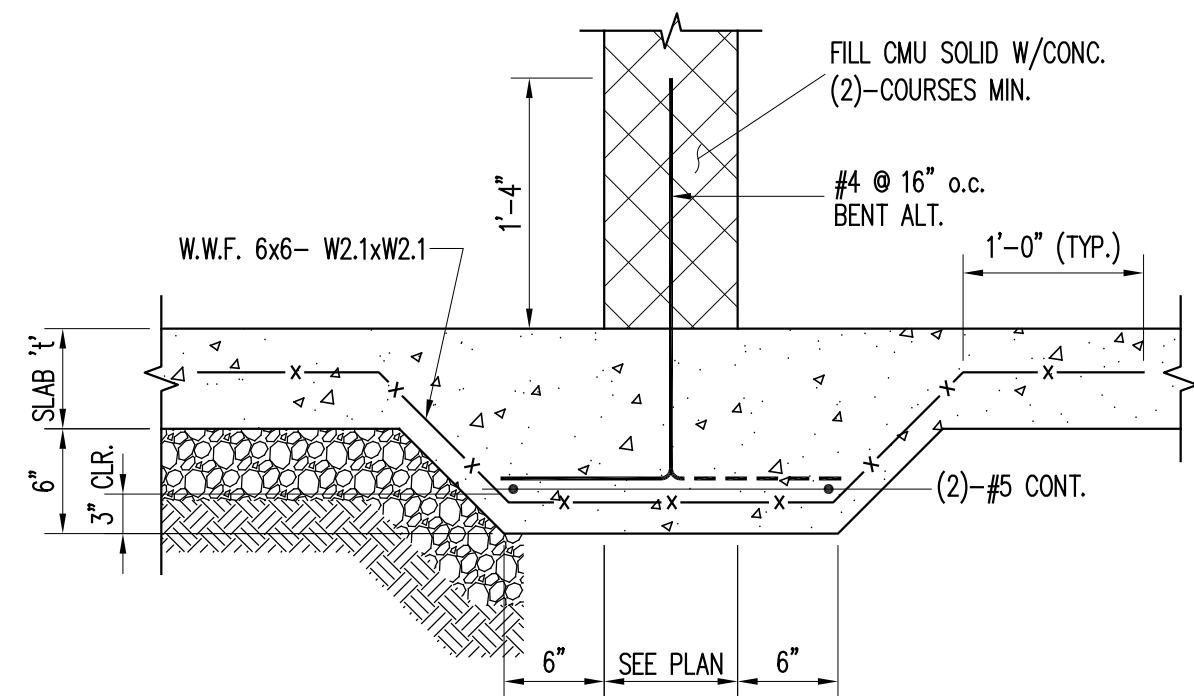
- NOTES:
1. DISTANCE BETWEEN CONTROL JOINTS TO BE A MAXIMUM OF 60 FEET.
 2. CONTROL JOINT SHALL BE PLACED NO FARTHER THAN 10'-0" FROM ANY CORNER.
 3. FOR WATERPROOFING, SEE ARCHITECTURAL DRAWINGS.



F TYPICAL WALL JOINT DETAILS
4.04.502 N.T.S.

TYPICAL WALL OPENING REINFCEMENT

G
4.04.502 N.T.S.

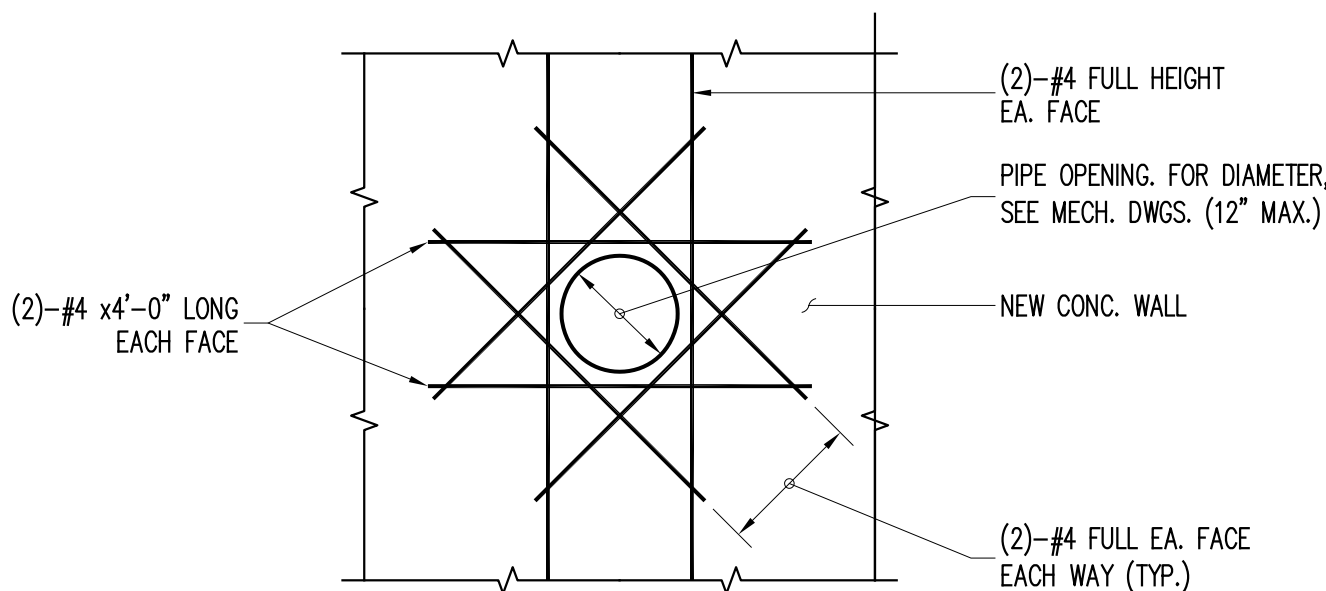
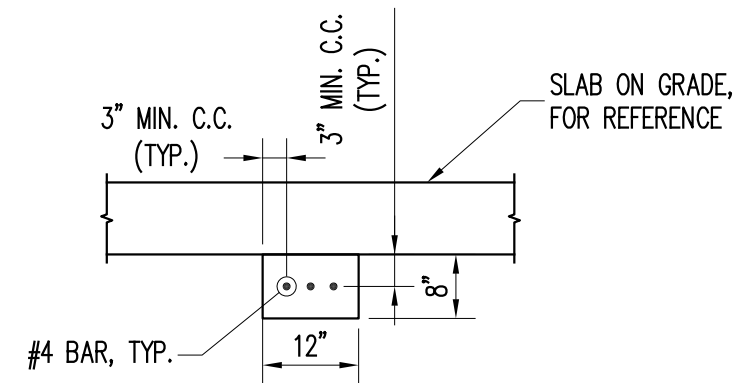


NOTE : PROVIDE AT ALL INTERIOR MASONRY WALLS

L CMU WALL ON SOG DETAIL
4.04.502 N.T.S.

TYPICAL WALL INTERSECTION DETAIL

E
4.04.502 N.T.S.



J TYPICAL GRADE BEAM SECTION
4.04.502 NTS

TYPICAL SLEEVE THROUGH WALL

K
4.04.502 N.T.S.

NOTE: COORDINATE OPENING SIZES AND LOCATIONS WITH CERTIFIED MECHANICAL SHOP DRAWINGS.

H TYP. EXTERIOR FOOTING WITH HIGH WALL DETAIL
4.04.502 NTS

ADDENUM#14

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White Plains, New York 10601
admin@iqlandscape.com
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COUNTY OF ROCKLAND
CAPITAL PROJECT NO. 1307
HIGHWAY DEPARTMENT /
EMERGENCY OPERATIONS FACILITY
COUNTY OF ROCKLAND, NEW YORK

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M. G. McLaren Engineering
and Land Surveying P.C.
530 Chestnut Ridge Road, Woodcliff Lake, NJ 07677
T: 201.775.8000 F: 201.746.8522 www.mgmclaren.com

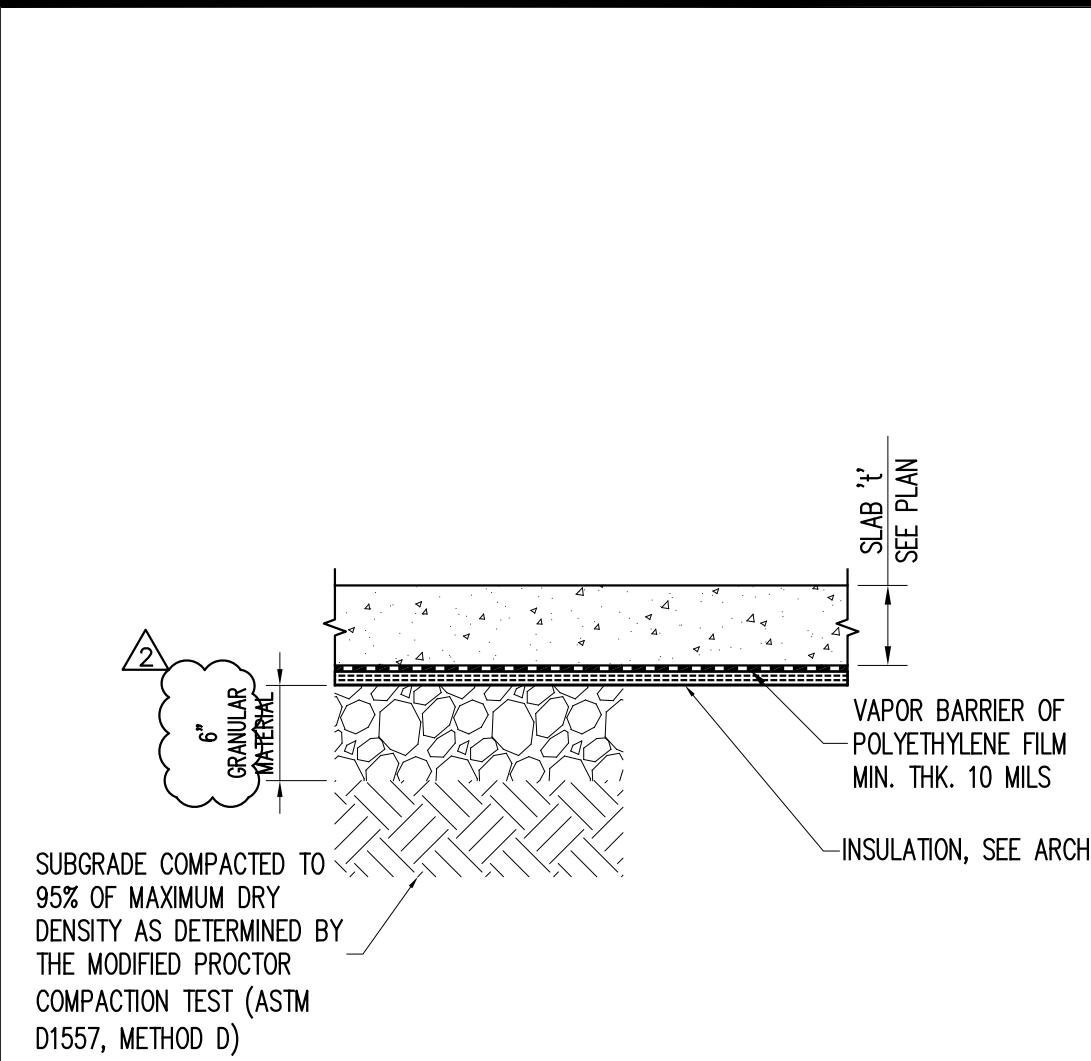
SEAL
THOMAS W. BRODERICK
No. 065994
REGISTERED PROFESSIONAL ENGINEER

SHEET NAME
BUILDING 4 - STRUCTURAL
SECTIONS & DETAILS - 2

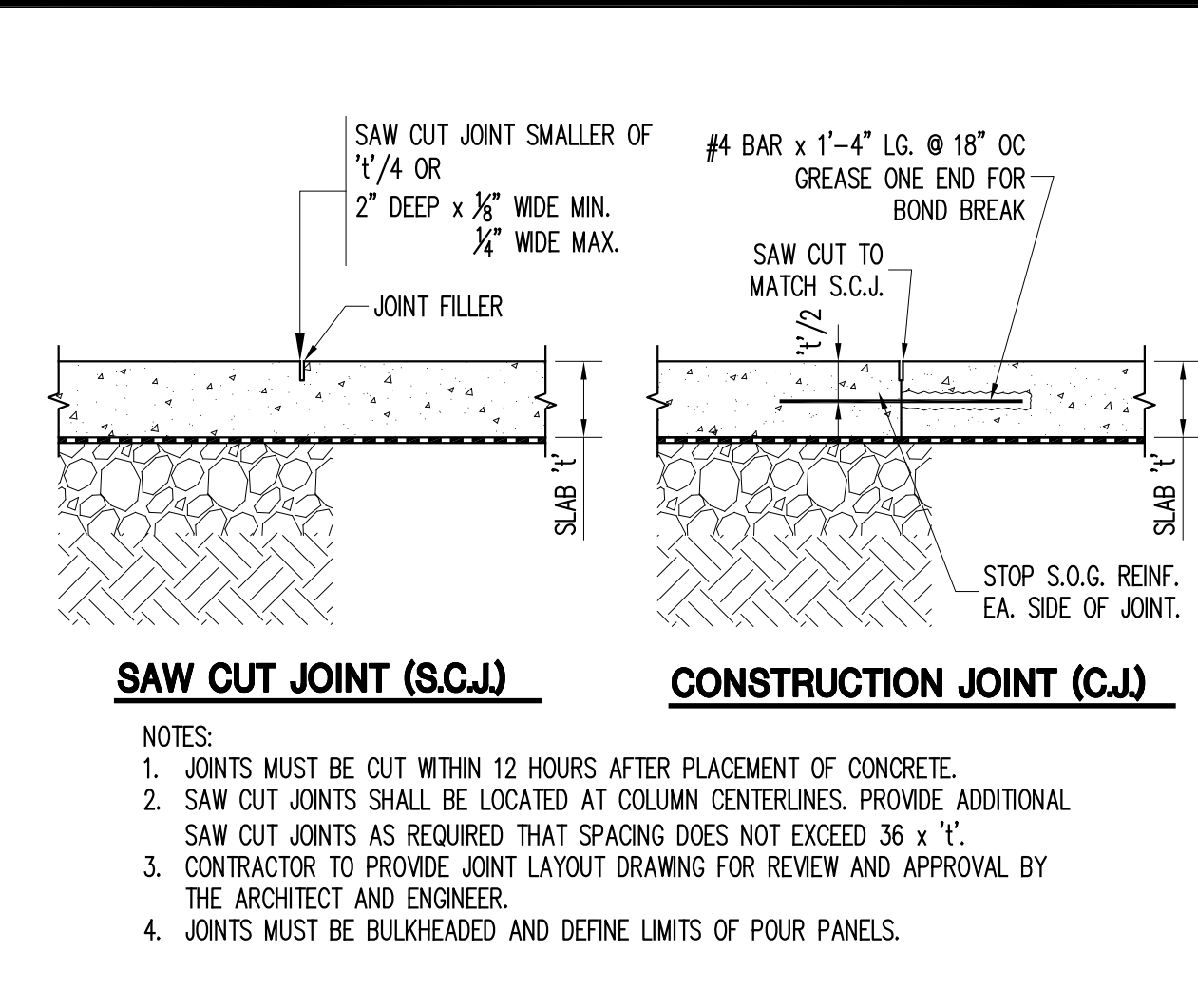
PROJECT NO. 130439
SCALE AS NOTED
DATE OCTOBER 30, 2019
DRAWN BY ACD
CHECKED BY AK
APPROVED BY TWB

ISSUED FOR
BID SET
DRAWING NO.
4.04.502
OF SHTS

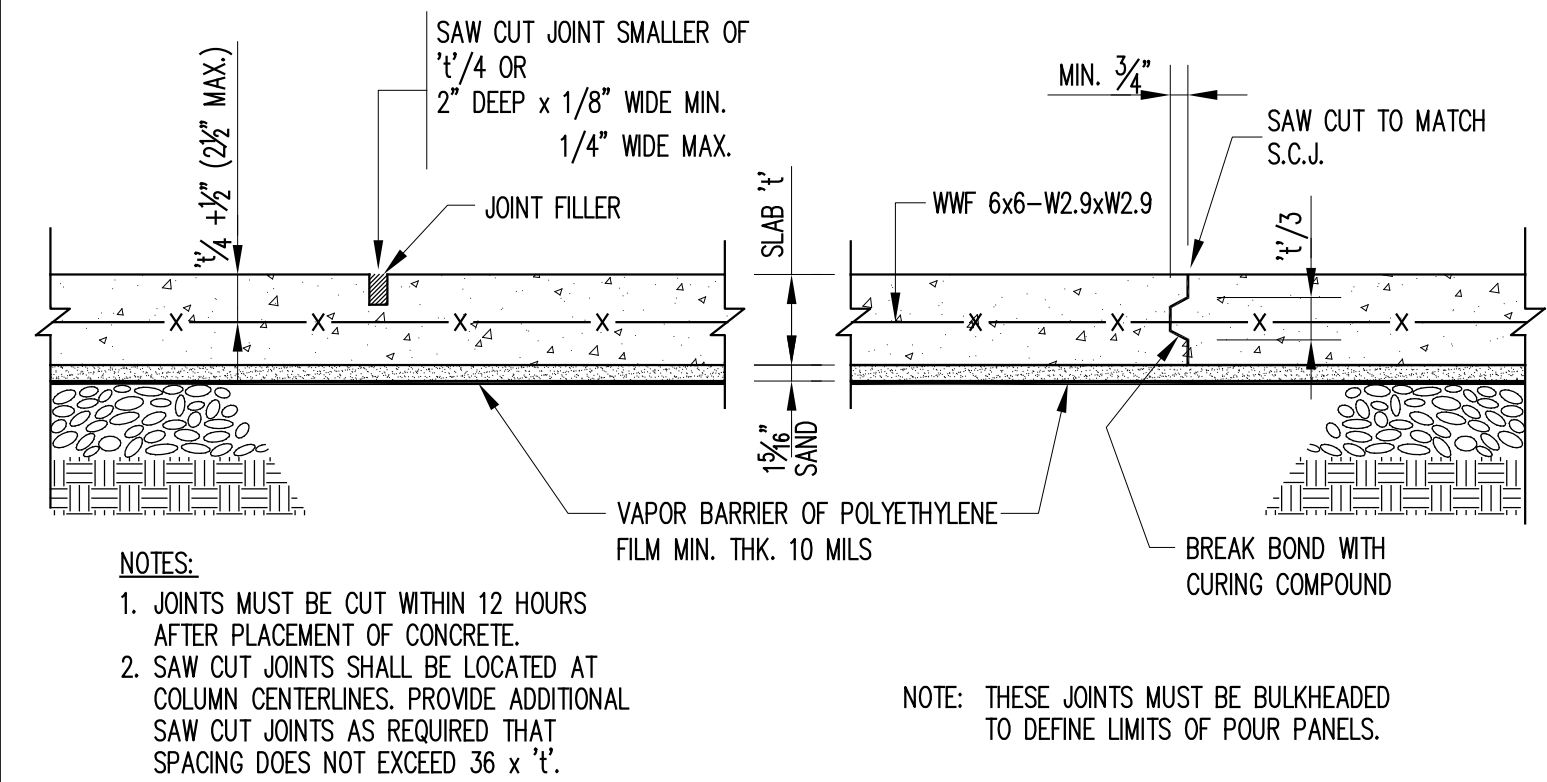
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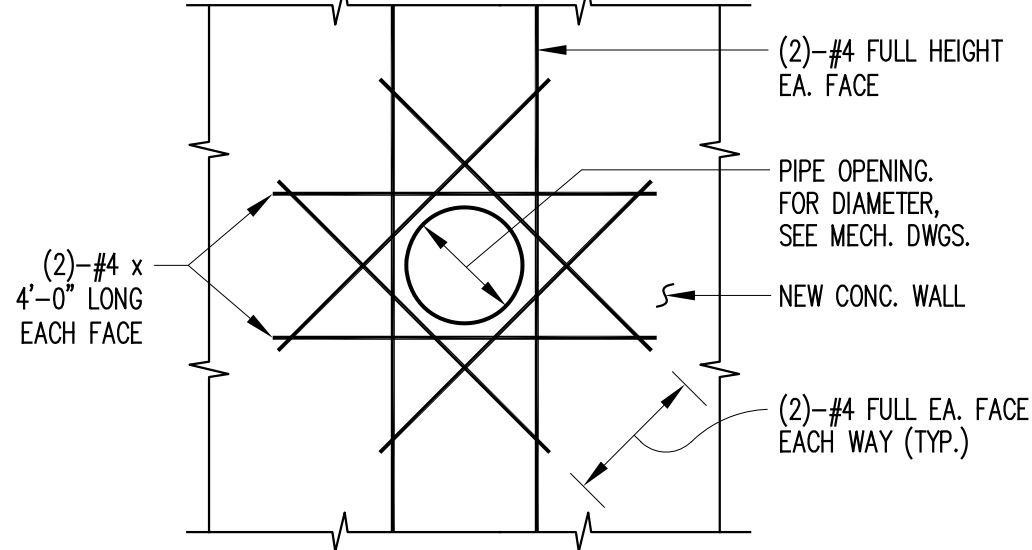
A TYP. SLAB ON GRADE DETAIL
5.04.501 NTS



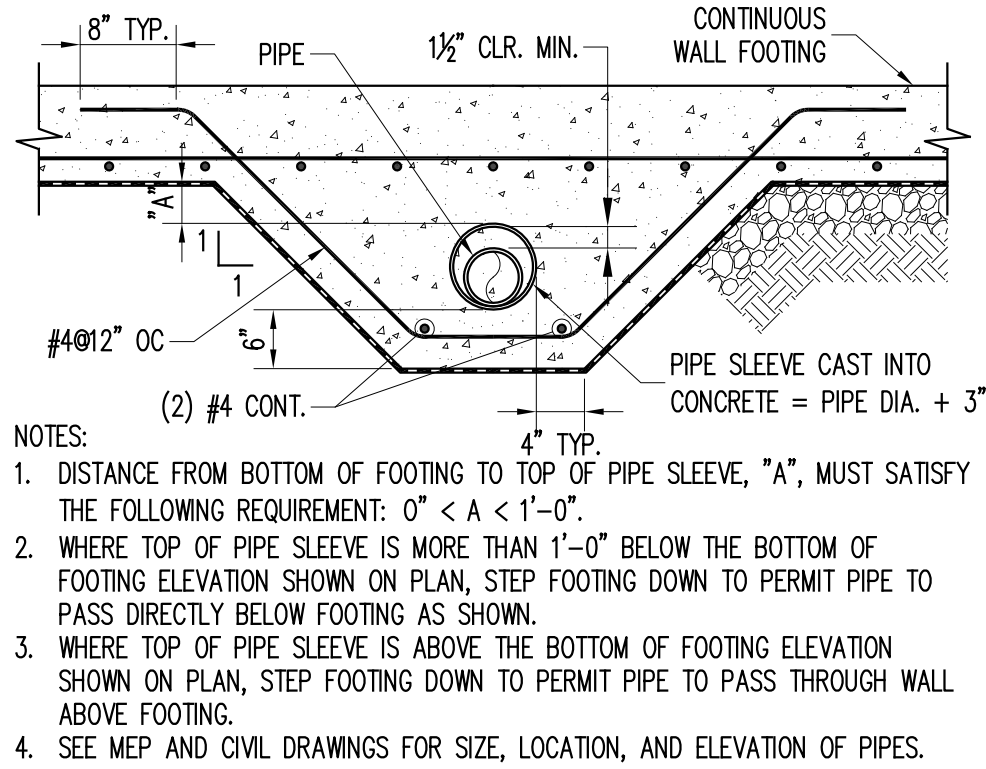
B TYP. SLAB ON GRADE JOINT DETAIL
5.04.501 NTS



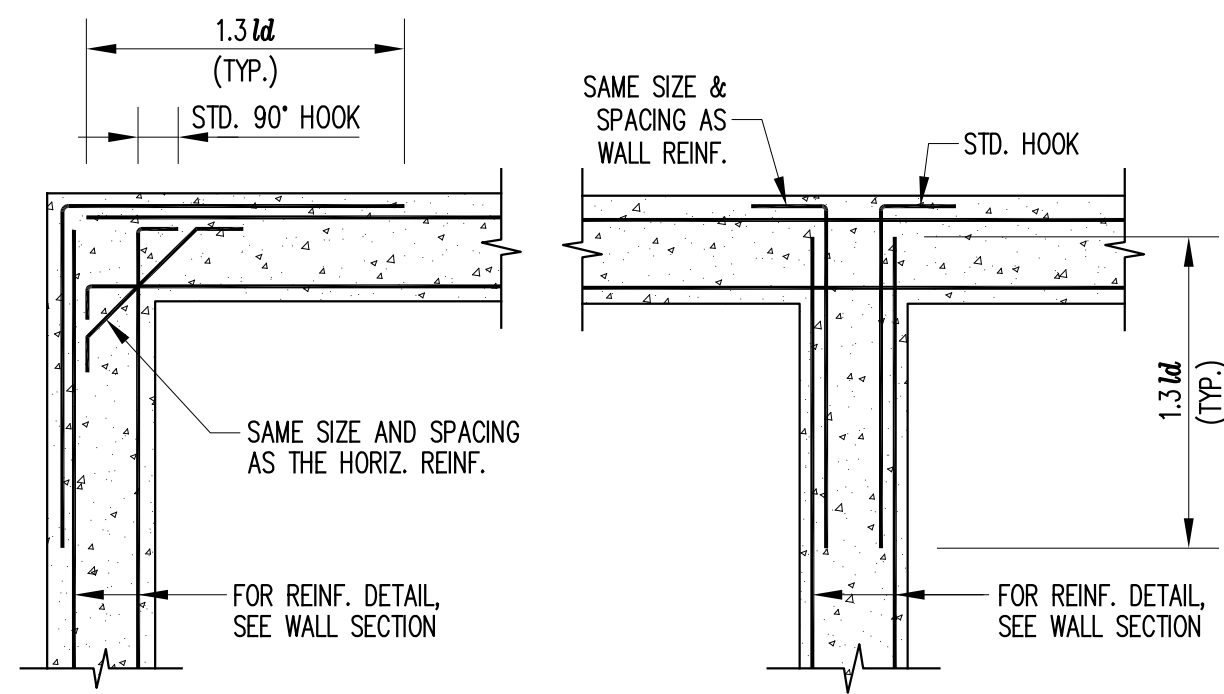
E TYP. CONCRETE SLAB JOINT DETAIL
5.04.501 N.T.S.



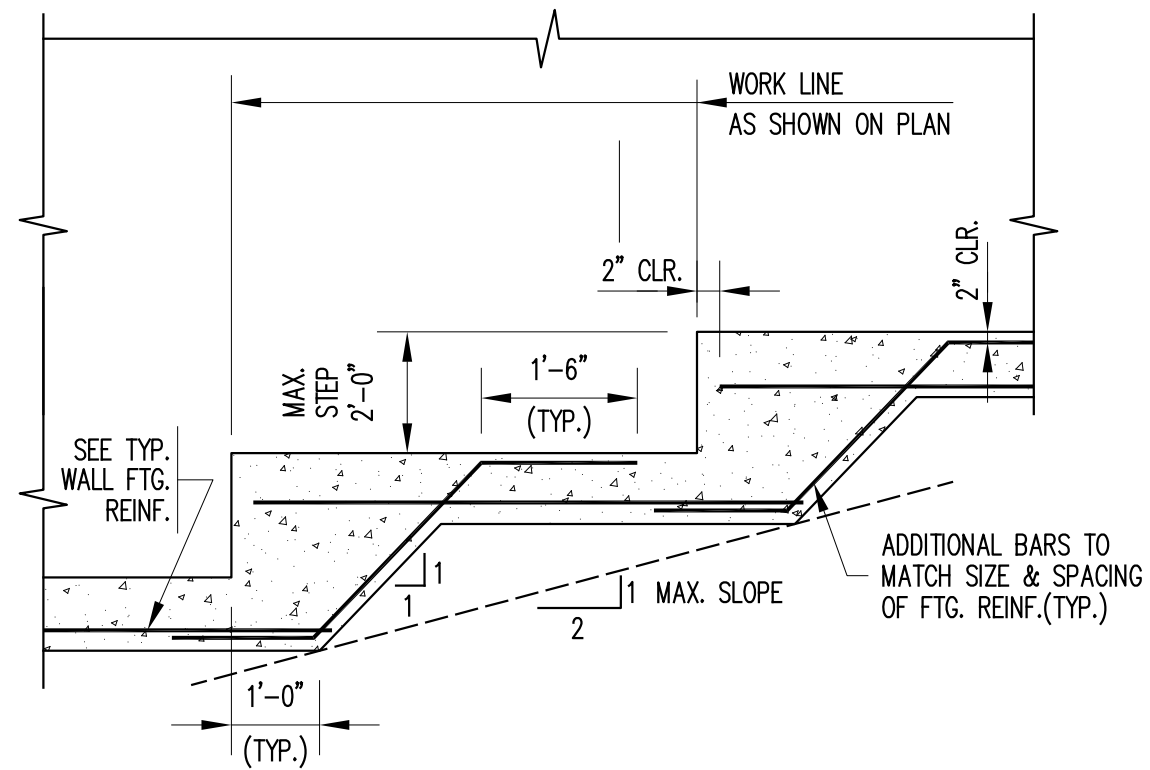
F TYP. SLEEVE THROUGH WALL
5.04.501 N.T.S.



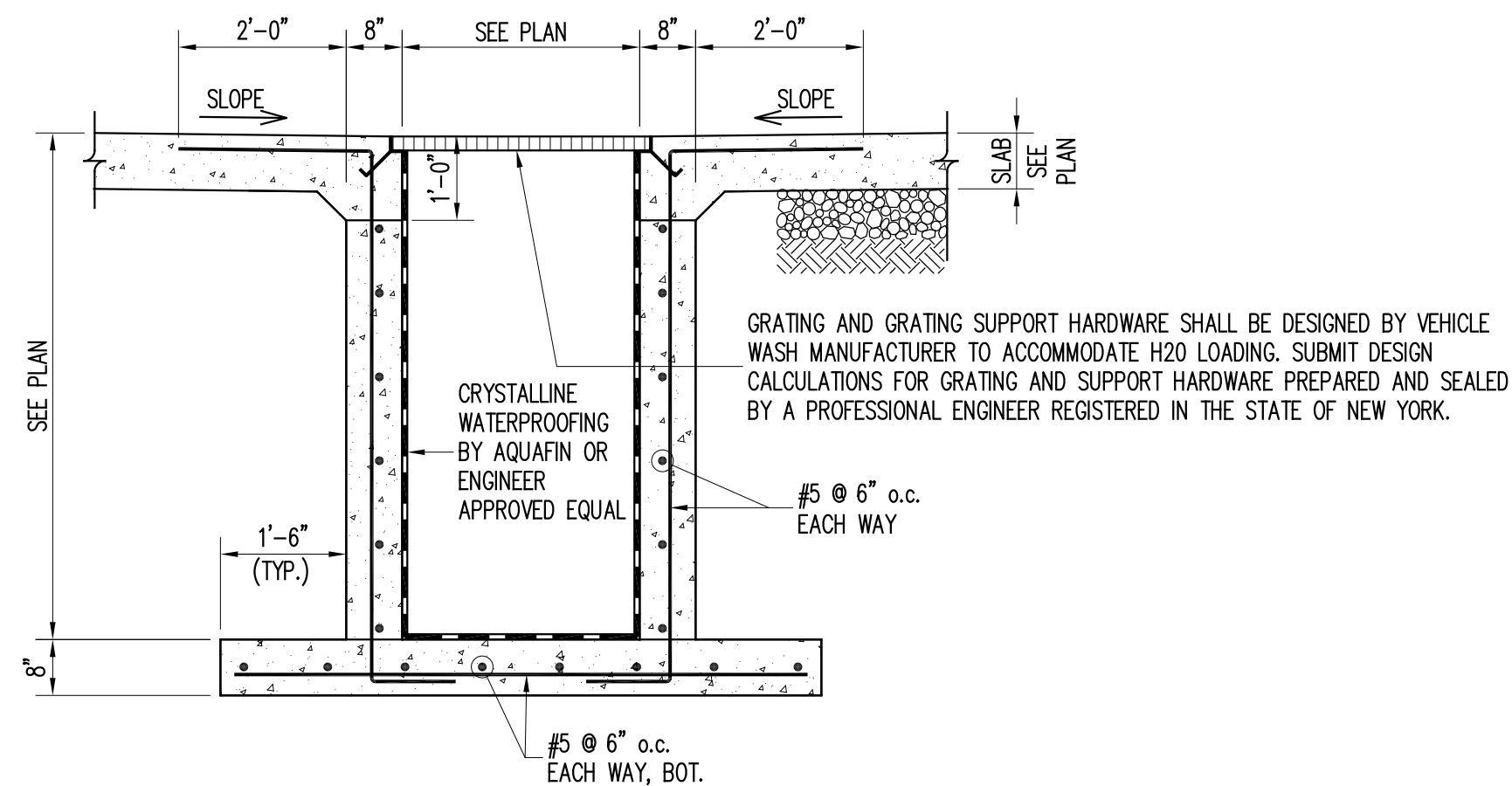
C TYP. PIPE BELOW WALL FOOTING DETAIL
5.04.501 NTS



G TYP. WALL INTERSECTION DETAIL
5.04.501 N.T.S.



D TYP. STEPPED FOOTING DETAIL
5.04.501 N.T.S.



H TYP. TRENCH SECTION
5.04.501 N.T.S.

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admin@iqlandscape.com
(914) 232-4090

PROJECT

COUNTY OF ROCKLAND
CAPITAL PROJECT NO. 1307
HIGHWAY DEPARTMENT /
EMERGENCY OPERATIONS FACILITY
COUNTY OF ROCKLAND, NEW YORK

McLaren ENGINEERING GROUP

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T: 201.775.8000 F: 201.746.8522 www.mgmclaren.com

SEAL

STATE OF NEW YORK

THOMAS W. BRODERICK
No. 065994
REGISTERED PROFESSIONAL ENGINEER

SHEET NAME

BUILDING 5 - STRUCTURAL
TYPICAL FOUNDATION
SECTIONS - 1

ADDENDUM#14

2 12/09/19 ADDENDUM 08

No. DATE REVISION

PROJECT NO. 130439

SCALE AS NOTED

DATE OCTOBER 30, 2019

DRAWN BY ACD

CHECKED BY AK

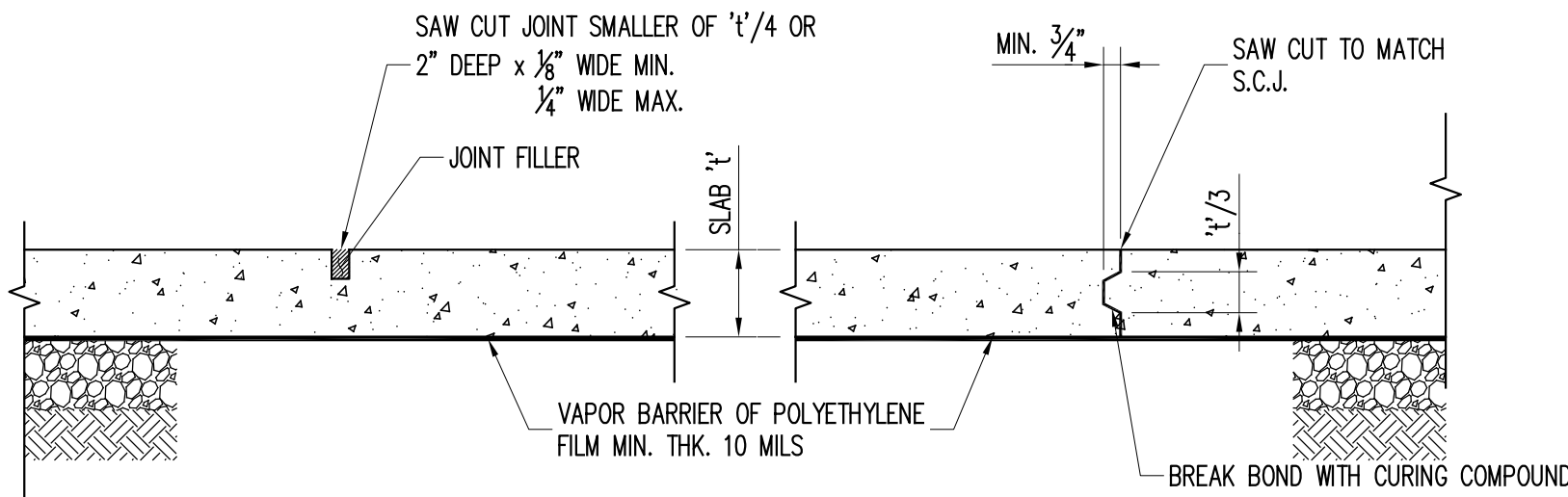
APPROVED BY TWB

ISSUED FOR BID SET

DRAWING NO. 5.04.501

OF SHS

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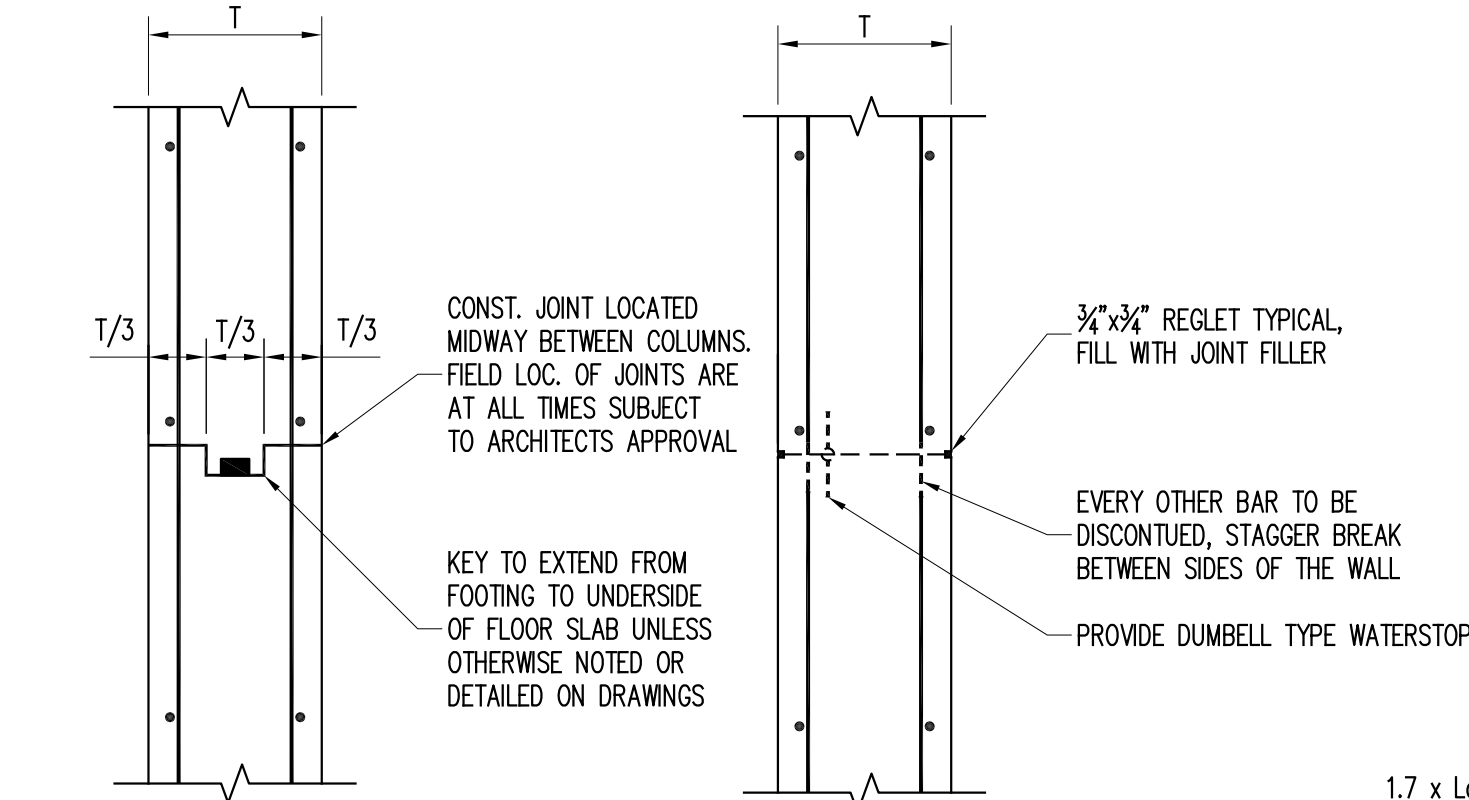
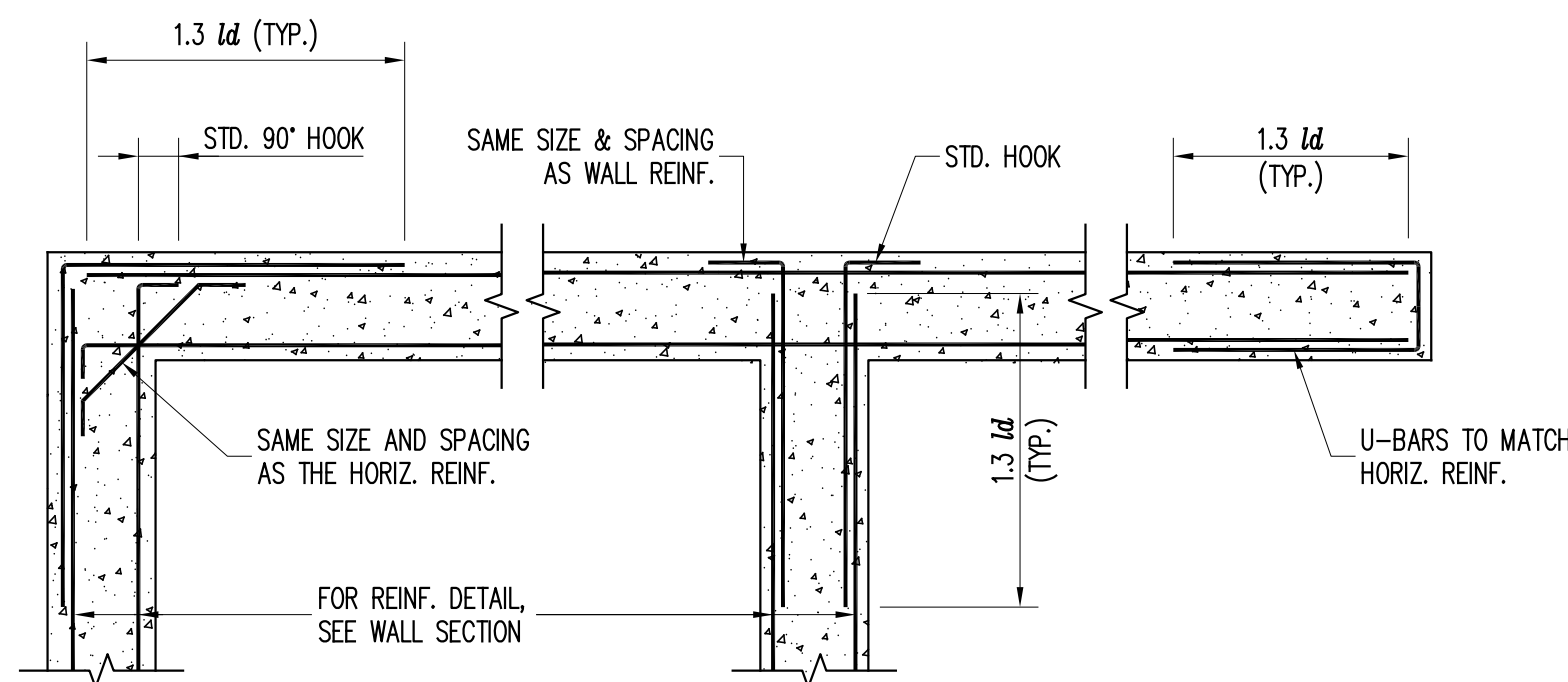


- NOTES:
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SAW CUT JOINT (S.C.J.)

CONSTRUCTION JOINT (C.J.)

A TYP. SLAB ON GRADE JOINT DETAIL
8.04.502 N.T.S.

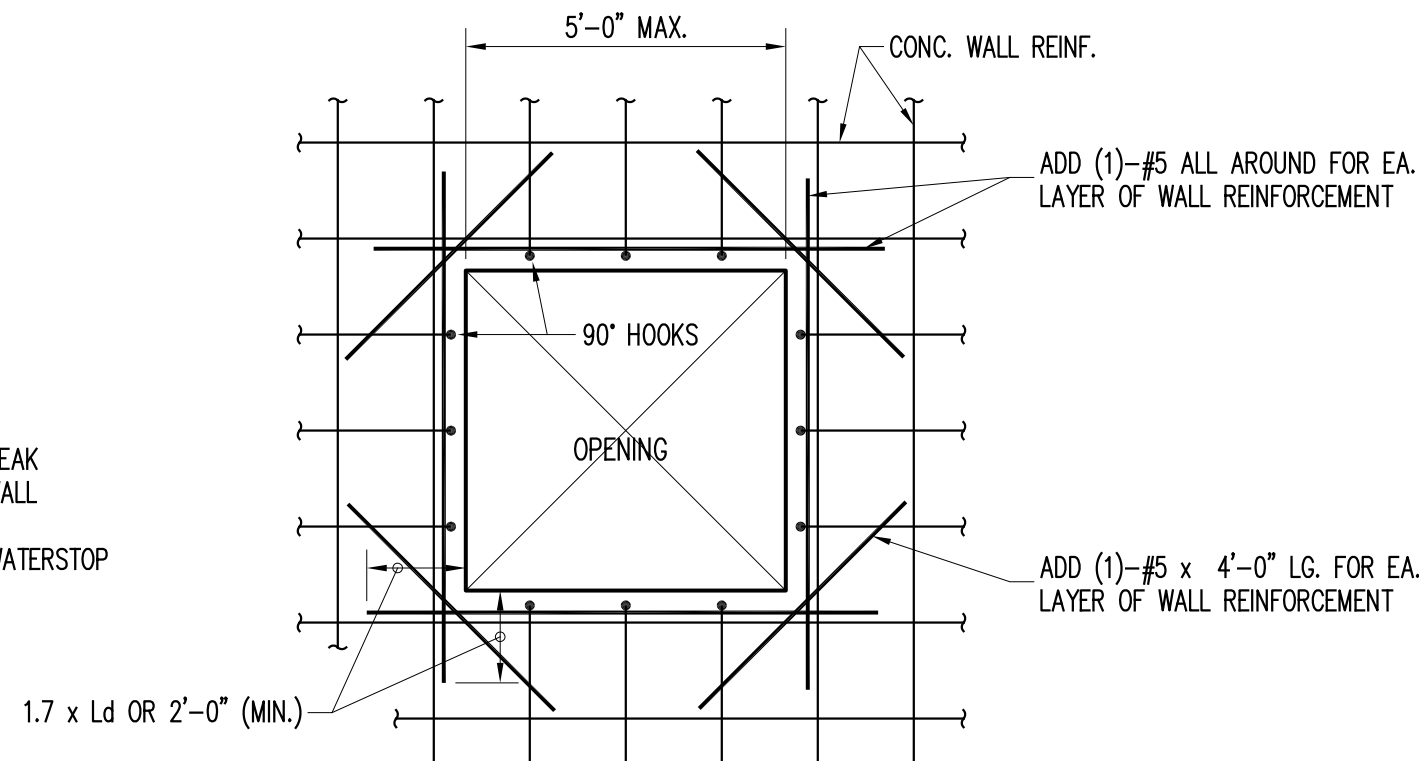


CONSTRUCTION JOINT

CONTRACTION JOINT

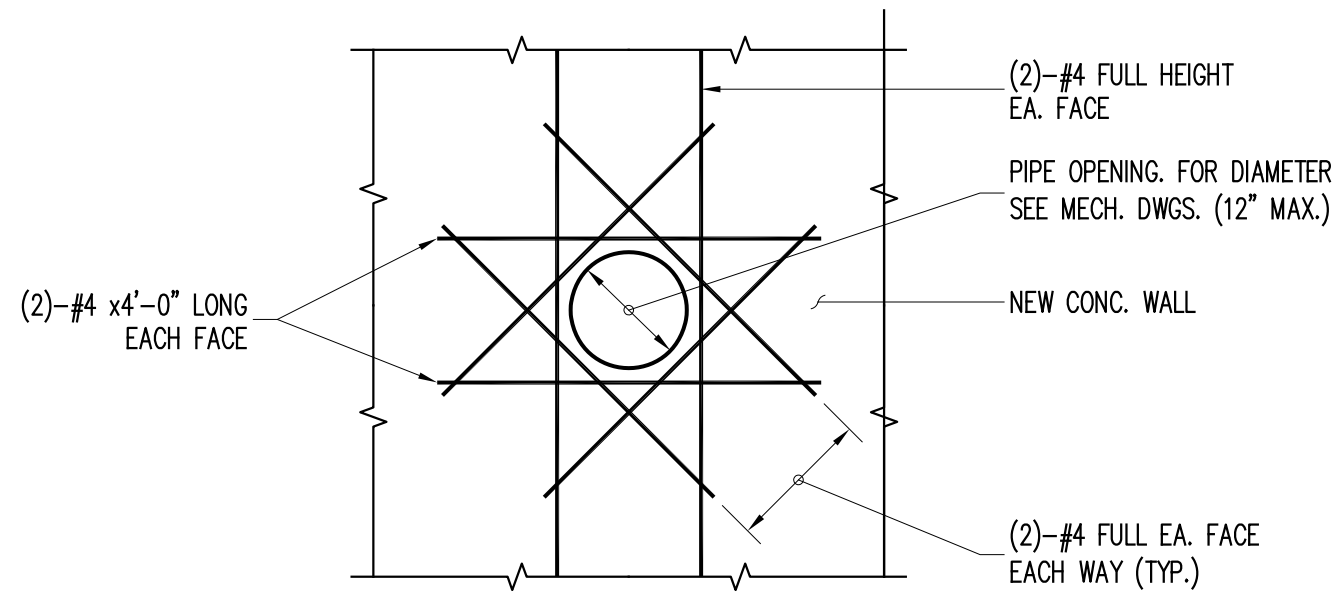
- NOTES:
1. DISTANCE BETWEEN CONTROL JOINTS TO BE A MAXIMUM OF 60 FEET.
 2. CONTROL JOINT SHALL BE PLACED NO FARTHER THAN 10'-0" FROM ANY CORNER.
 3. FOR WATERPROOFING, SEE ARCHITECTURAL DRAWINGS.

F TYPICAL WALL JOINT DETAILS
8.04.502 N.T.S.



- NOTE: ONE-HALF OF VERTICAL REINFORCING BAR AREA (MINIMUM) INTERRUPTED BY OPENING SHALL BE PROVIDED EACH SIDE OF OPENING IN THE SAME FACE. (FULL LENGTH BARS)

G TYPICAL WALL OPENING REINFCEMENT
8.04.502 N.T.S.



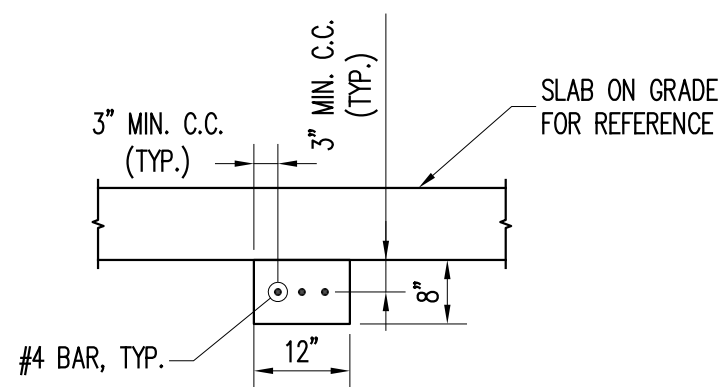
AT CORNER

AT TEE INTERSECTION

AT END

NOTE: VERTICAL REINFORCEMENT NOT SHOWN FOR CLARITY.

E TYPICAL WALL INTERSECTION DETAIL
8.04.502 N.T.S.



J TYPICAL GRADE BEAM SECTION
8.04.502 NTS

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CAPITAL PROJECT NO. 1307
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SEAL

STATE OF NEW YORK

THOMAS W. BRODERICK
No. 065994
REGISTERED PROFESSIONAL ENGINEER

SHEET NAME

BUILDING 8 - STRUCTURAL
SECTIONS & DETAILS - 2

PROJECT NO.	130439	ISSUED FOR	BID SET
SCALE	AS NOTED	DRAWING NO.	8.04.502
DATE	OCTOBER 30, 2019	APPROVED BY	TWB
DRAWN BY	ACD	CHECKED BY	AK
2	12/09/19	ADDENDUM 08	ATF
No.	DATE	REVISION	BY