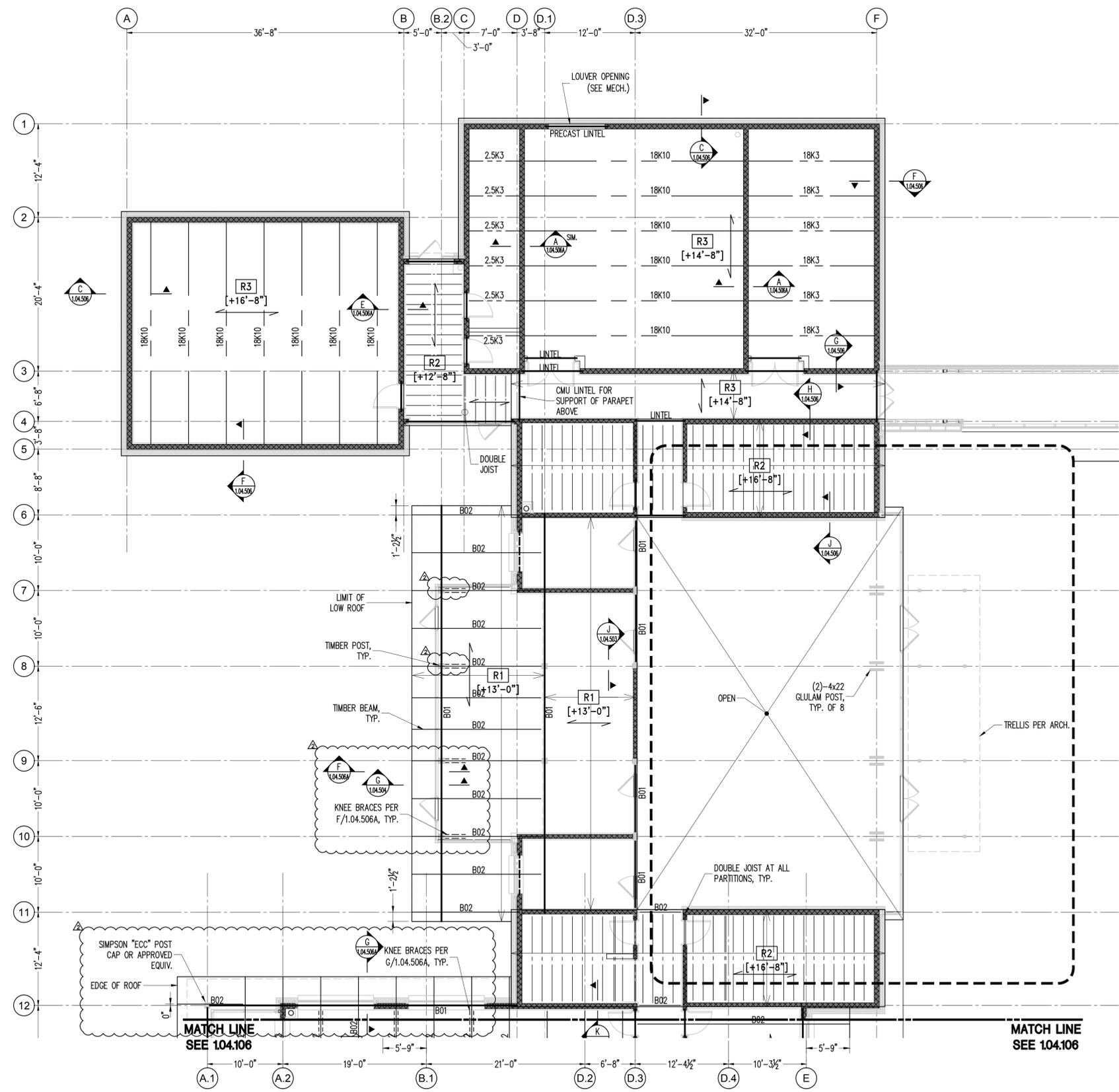


FRAMING LEGEND

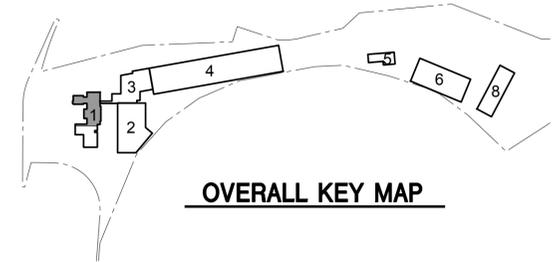
- CMU LINTEL
- GIRDER - B01 = 5"x24" GLULAM
- BEAM - B02 = 5"x16 1/2" GLULAM @ 5'-0" O.C. MAX.
- STEEL JOIST - SPACED AS SHOWN
- WOOD JOIST JOIST - 2x10 @ 16" O.C.
- POST - 8x8 GLULAM

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



OVERALL KEY MAP

WARNING - IT IS A VIOLATION OF NEW YORK STATE EDUCATIONAL LAW, SECTION 7209.2, FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATIONAL LAW, SECTION 7209.2

COPYRIGHT © 2019, McLAREN ENGINEERING GROUP

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
90 Broadway, Hawthorne,
New York 10522
914.747.2800
12 East 49th Street, 11th Fl.,
New York, NY 10017
646.349.1110
ola.com

FACILITIES CONSULTANT

Gannett Fleming

LANDSCAPE ARCHITECT

IQ
Imbiano-Quigley
Landscape Architects
31 Monmouth Ave., 7th Floor
White Plains, New York 10601
admin@iqlandscape.com
(914) 232-4200

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



SHEET NAME

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

ADDENDUM#14

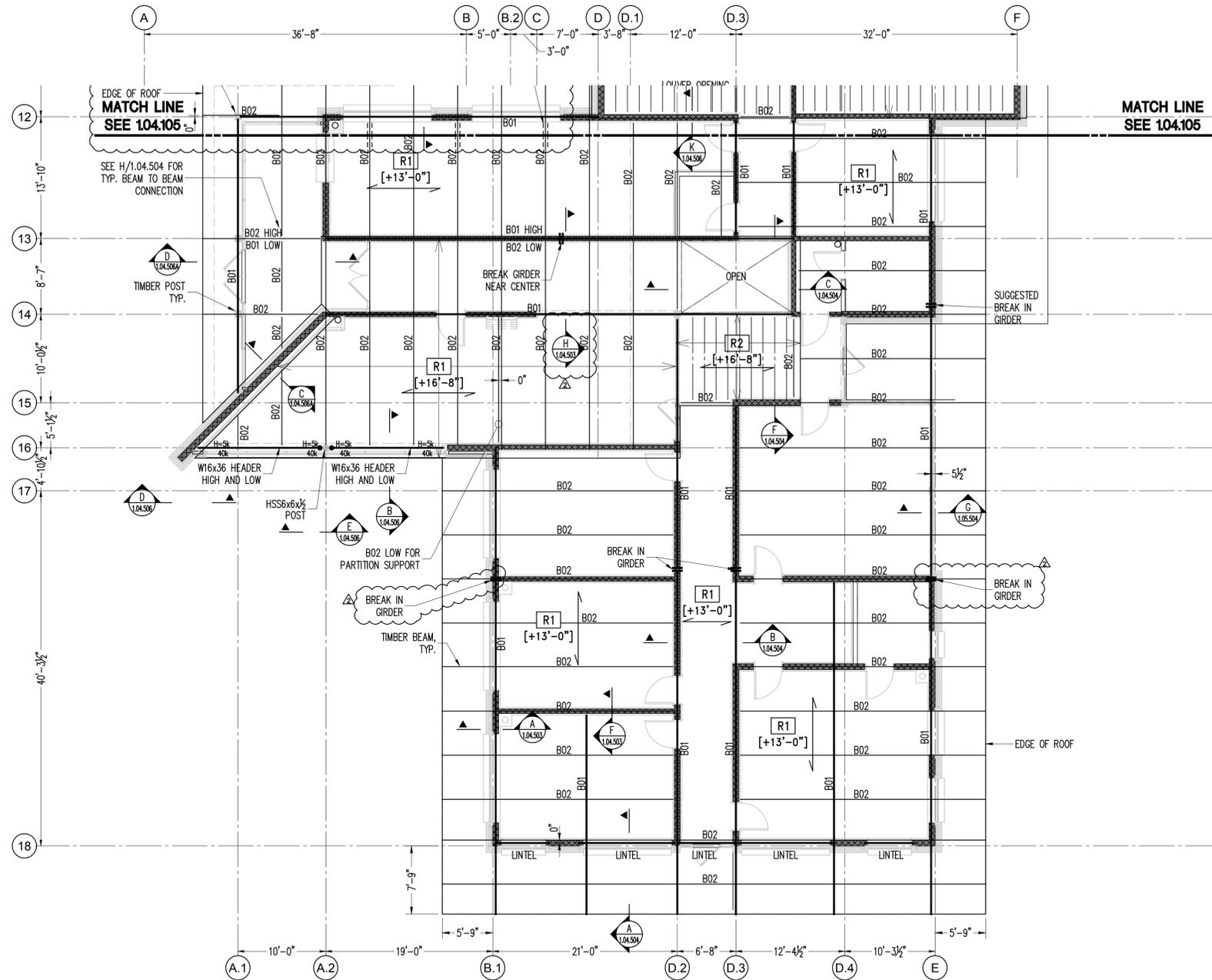
2 12/09/19 ADDENDUM 08 REVISION ATF BY

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

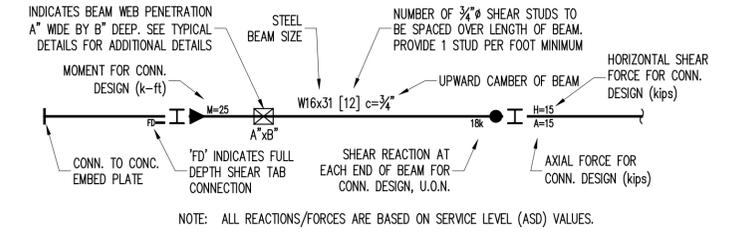
ISSUED FOR **BID SET**
DRAWING NO. **1.04.105**
OF SHS

FILE NAME: \\p04001\Projects\Proj1307\130439\10_Dwg\CAD\01_Structural\Set\1.04.105 BUILDING 1 - ROOF FRAMING PLAN.dwg PLOT TIME: Wed, 11 Dec 2019 - 4:11pm LAST SAVE: Wed, 11 Dec 2019 - 4:10pm BY: afahoury

FILE NAME: \\prod\prod\prod\Projects\130439\10_Dwg\CA001\01_Structural\Set\1.04.105 BUILDING 1 ROOF PLAN.dwg PLOT TIME: Wed, 11 Dec 2019 - 4:12pm LAST SAVE: Wed, 11 Dec 2019 - 4:12pm BY: afanbury

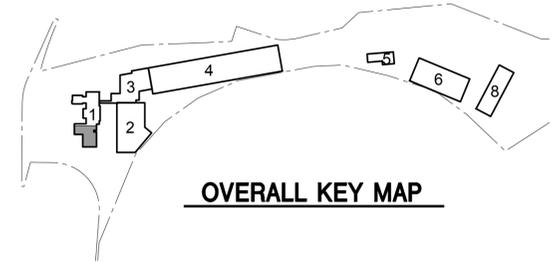


- SYMBOL LEGEND:**
- INDICATES AXIAL CONNECTION
 - ▶ INDICATES MOMENT CONNECTION
 - (S) INDICATES SLOPING BEAM
 - ▲ INDICATES COLUMN OR HANGER ABOVE THIS LEVEL
 - INDICATES COLUMN OR HANGER BELOW THIS LEVEL
 - ⊕ INDICATES POST ABOVE THIS LEVEL
 - ⊖ INDICATES HANGER BELOW
 - EDB INDICATES HSS 6x4x3/8 ELEVATOR DIVIDER BEAM



- 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 - 2x10 @ 16" O.C.
 - POST - 8x8 GLULAM

ROOF DECK SCHEDULE			
SLAB MARK	MATERIAL	SPECIFICATION	FASTENERS
R1	3/4" CLT	FABRICATED PER ANS/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 - 2
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.
 - [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.
 - PROVIDE FULL DEPTH BLOCKING AT SUPPORT POINTS OF ALL TIMBER BEAMS.

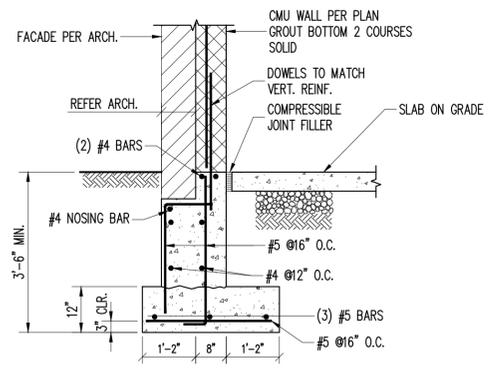
WARNING - IT IS A VIOLATION OF NEW YORK STATE EDUCATIONAL LAW, SECTION 7209.2 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATIONAL LAW, SECTION 7209.2

COPYRIGHT © 2019, McLAREN ENGINEERING GROUP

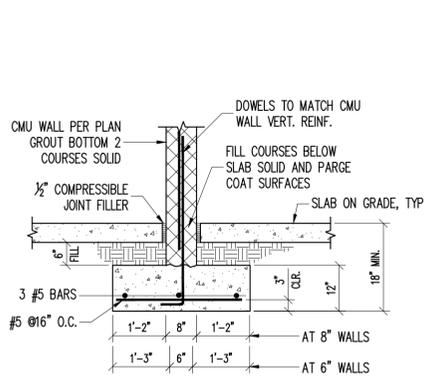
<p>CONSULTANTS ARCHITECT</p> <p>STV Architects, P.C. 225 Park Avenue South New York, NY 10003 (212) 777-4400 FAX: (212) 473-2780 www.stvinc.com</p>	<p>MEP ENGINEER</p> <p>OLA Consulting Engineers 80 Broadway, Hawthorne, New York 10522 914.747.2800 12 East 49th Street, 11th Fl. New York, NY 10017 646.349.5110 olac.com</p>	<p>FACILITIES CONSULTANT</p> <p>Gannett Fleming</p>	<p>LANDSCAPE ARCHITECT</p> <p>Imbiano-Quigley Landscape Architects 31 Main Street, New York 10011 adriano@iqlandscape.com (914) 232-4200</p>	<p>PROJECT</p> <p>COUNTY OF ROCKLAND CAPITAL PROJECT NO. 1307 HIGHWAY DEPARTMENT / EMERGENCY OPERATIONS FACILITY COUNTY OF ROCKLAND, NEW YORK</p>	<p>ENGINEERING GROUP</p> <p>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</p>	<p>STATE OF NEW YORK</p>	<p>SHEET NAME</p> <p>BUILDING 1 - STRUCTURAL ROOF FRAMING PLAN - 2</p>	<p>PROJECT NO. 130439</p> <p>SCALE AS NOTED</p> <p>DATE OCTOBER 30, 2019</p> <p>DRAWN BY ACD</p> <p>CHECKED BY AK</p> <p>APPROVED BY TWB</p>	<p>ISSUED FOR</p> <p>BID SET</p> <p>DRAWING NO.</p> <p>1.04.106</p> <p>OF SHTS</p>
---	--	---	--	---	---	--------------------------	--	--	--

ADDENDUM#14

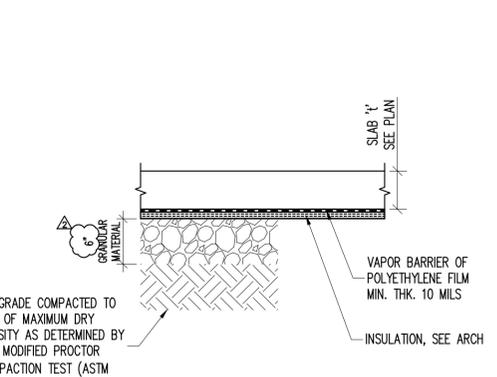
No.	DATE	REVISION	BY
2	12/09/19	ADDENDUM 08	ATF



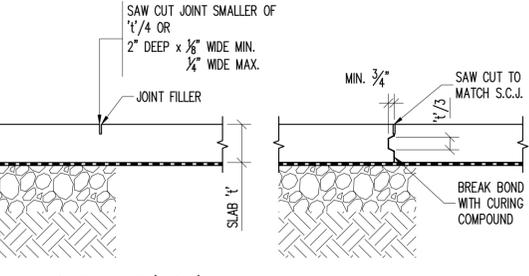
A TYPICAL EXTERIOR BEARING WALL FOUNDATION DETAIL
1.04.501 NTS



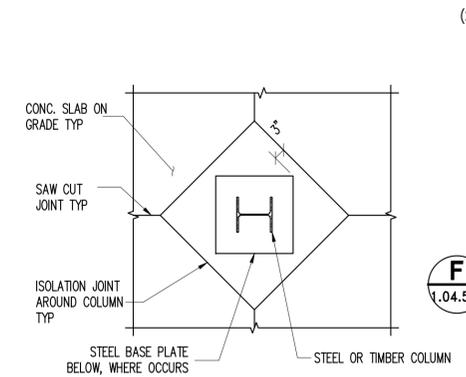
B TYPICAL INTERIOR BEARING WALL FOUNDATION DETAIL
1.04.501 NTS



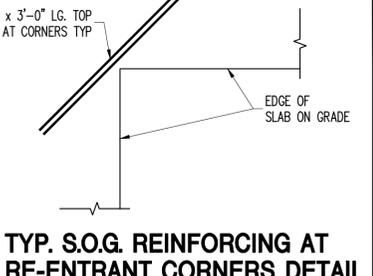
C TYP. SLAB ON GRADE DETAIL
1.04.501 NTS



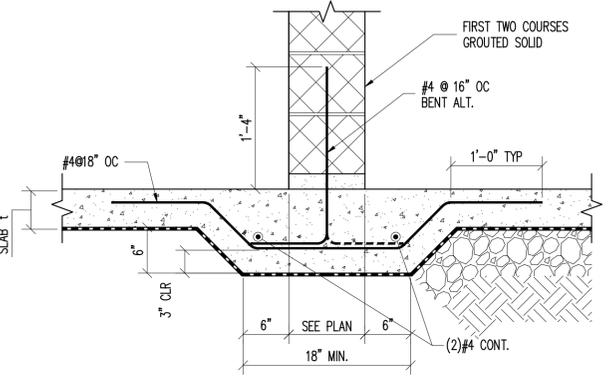
D TYP. SLAB ON GRADE JOINT DETAIL
1.04.501 NTS



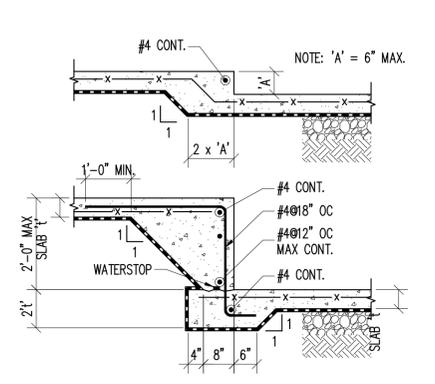
E TYP. SLAB JOINTS AROUND COLUMN DETAIL
1.04.501 NTS



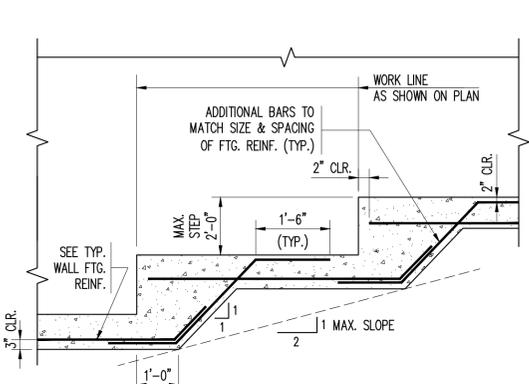
F TYP. S.O.G. REINFORCING AT RE-ENTRANT CORNERS DETAIL
1.04.501 NTS



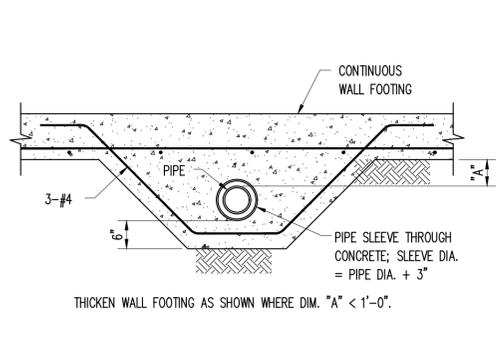
G TYP. CMU PARTITION WALL ON SOG DETAIL
1.04.501 NTS



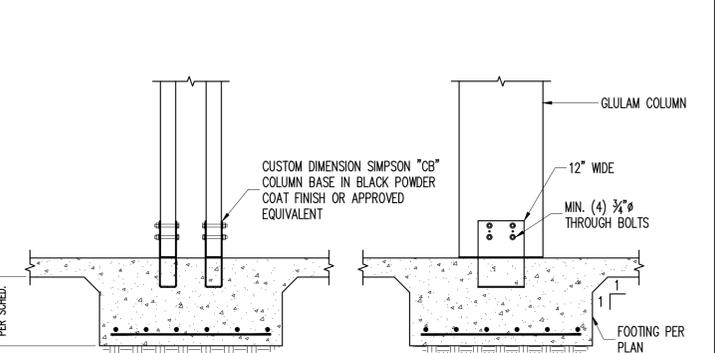
H TYP. DEPRESSION AT SLAB ON GRADE DETAIL
1.04.501 NTS



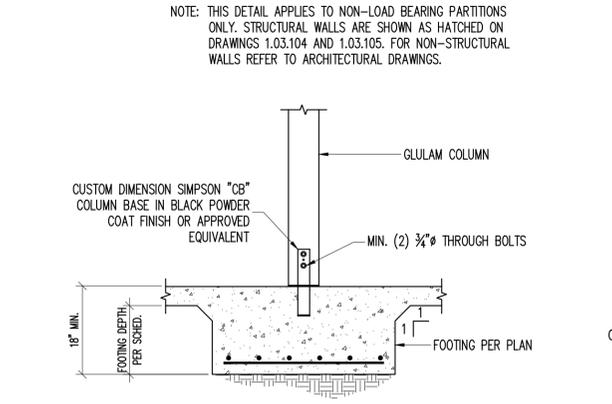
J TYP. STEPPED FOOTING DETAIL
1.04.501 N.T.S.



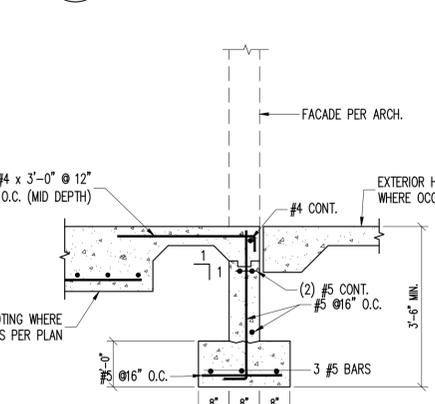
K TYPICAL PIPE BELOW WALL FOOTING
1.04.501 N.T.S.



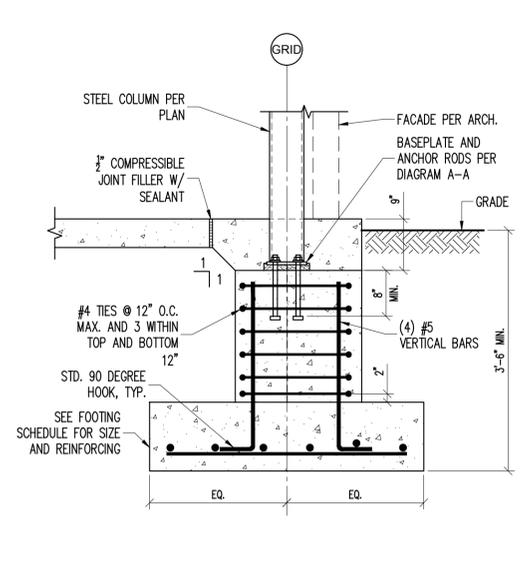
L GLULAM COLUMN BASE CONNECTION
1.04.501 N.T.S.



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



N FOOTING AT STOREFRONT
1.04.501 N.T.S.



P PIER AT STEEL COLUMN
1.04.501

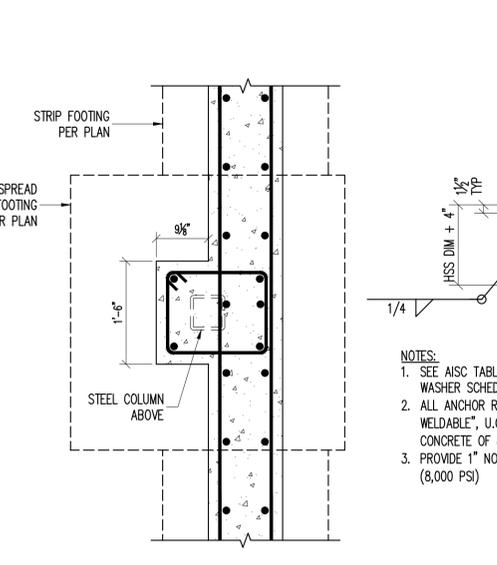
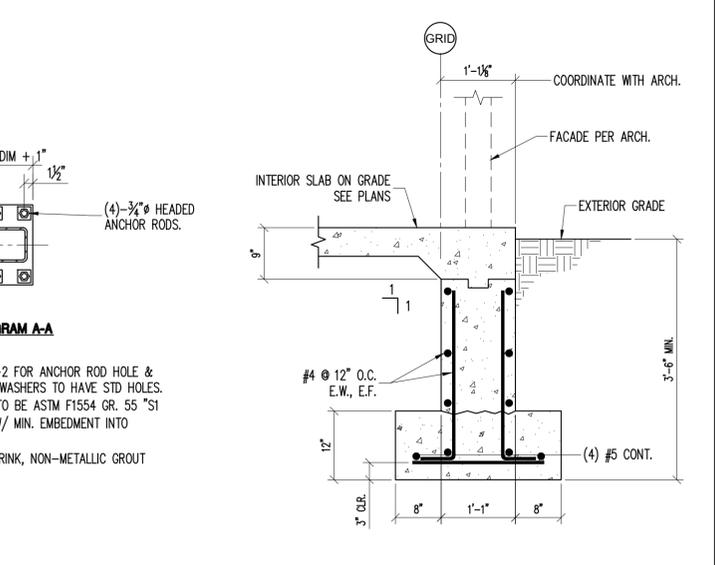


DIAGRAM A-A



Q FOOTING AT STOREFRONT
1.04.501 NTS

WARNING - IT IS A VIOLATION OF NEW YORK STATE EDUCATIONAL LAW, SECTION 2209.2, FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATIONAL LAW, SECTION 2209.2

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
80 Broadway, Hawthorne,
New York 10322
914.747.2800
12 East 49th Street, 11th Fl.,
225 Park Avenue South
New York, NY 10007
646.349.1110
ola.com

FACILITIES CONSULTANT
Gannett Fleming

LANDSCAPE ARCHITECT
IQ
Imbiano-Quigley
Landscape Architects
31 Monmouth Ave., 7th Floor
New York, NY 10007
www.iqlandscape.com
(914) 232-0200

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.mglmclaren.com

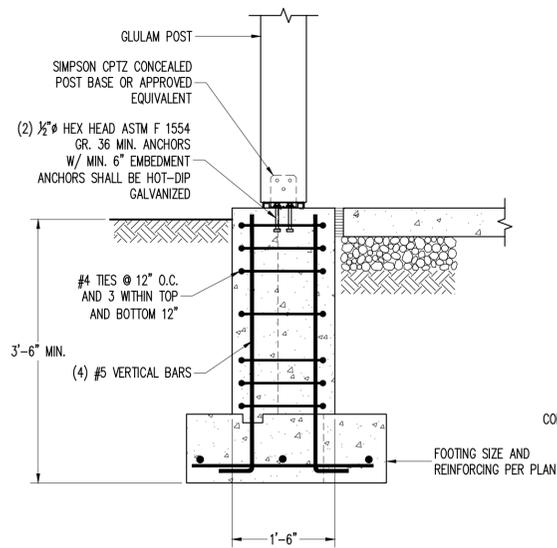
SEAL
STATE OF NEW YORK
THOMAS W. BRODERICK
No. 065994
REGISTERED PROFESSIONAL ENGINEER

SHEET NAME
BUILDING 1 - STRUCTURAL
FOUNDATION DETAILS - 1

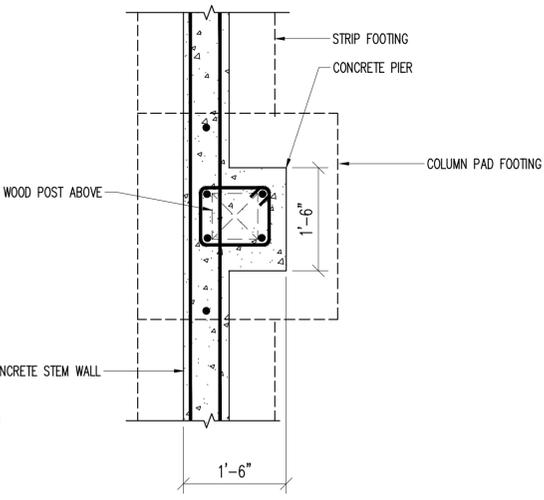
PROJECT NO. 130439
SCALE AS NOTED
DATE OCTOBER 30, 2019
DRAWN BY ACD
CHECKED BY AK
APPROVED BY TWB

ISSUED FOR
BID SET
DRAWING NO.
1.04.501
OF SHTS

FILE NAME: P:\Proj\130439\10_Dwg\CADD\01_Structure Set\1.04.501_Building 1_Details.dwg PLOT TIME: Wed, 11 Dec 2019 - 4:14pm LAST SAVE: Wed, 11 Dec 2019 - 3:44pm BY: admbury

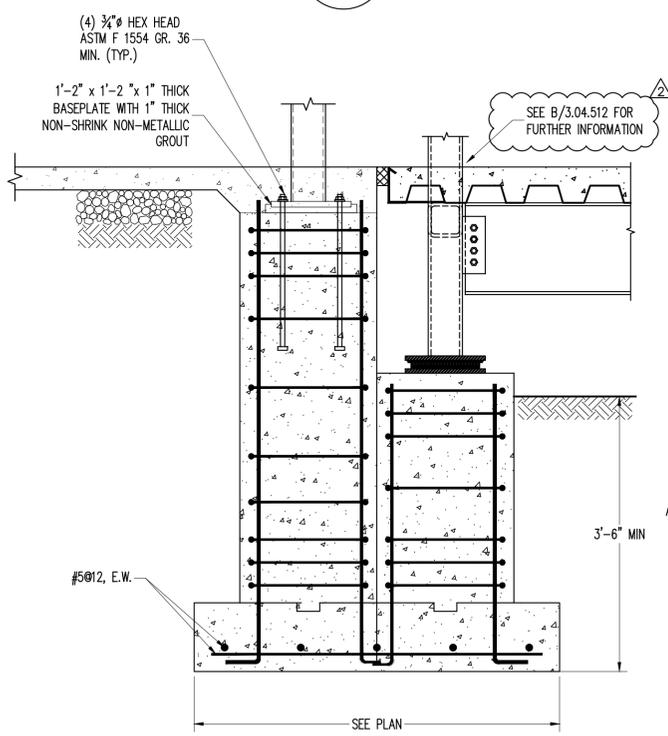
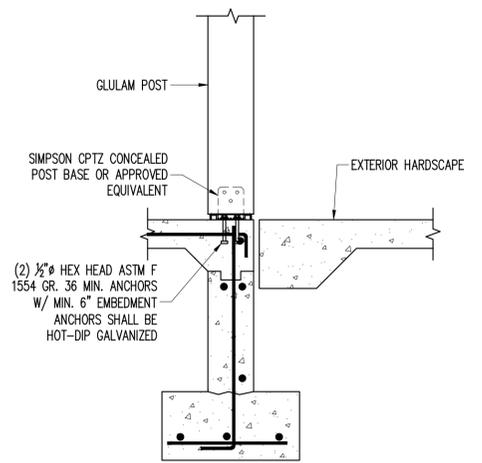


A PIER AT STOREFRONT
1.04.502 3/4" = 1'-0"

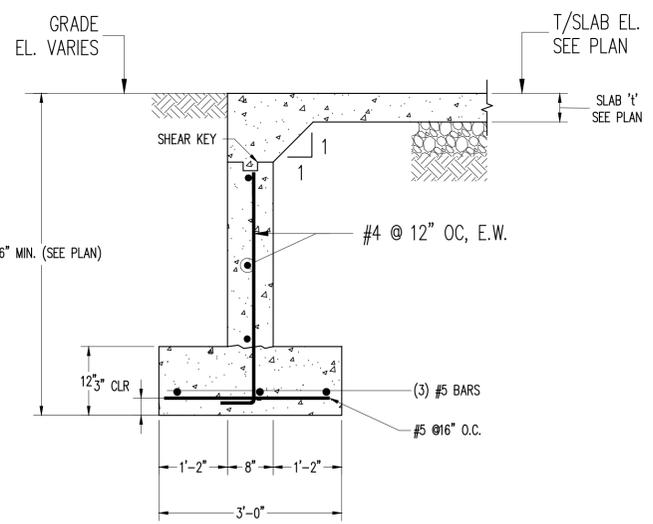
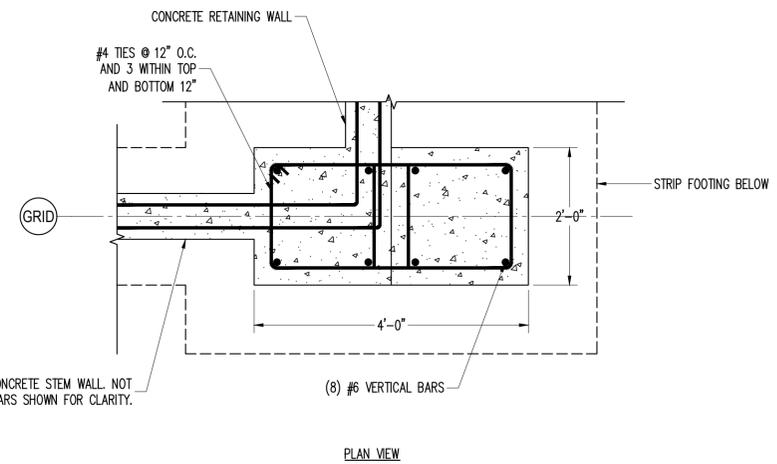


B FOUNDATION DETAIL AT BRIDGE
1.04.502 N.T.S.

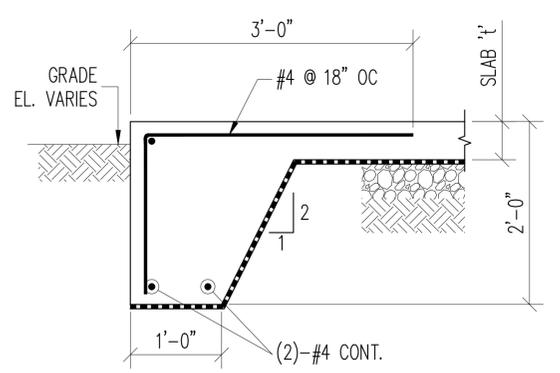
F POST TO FOUNDATION WALL
1.04.502 3/4" = 1'-0"



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

FILE NAME: P:\Proj\130\130439\10_Dwg\CADD\01_Structure\Set\1.04.501_Building 1_Details.dwg PLOT TIME: Wed, 11 Dec 2019 - 4:14pm LAST SAVE: Wed, 11 Dec 2019 - 3:44pm BY: adahoury

WARNING - IT IS A VIOLATION OF NEW YORK STATE EDUCATIONAL LAW, SECTION 7209.2 FOR ANY PERSON UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATIONAL LAW, SECTION 7209.2

COPYRIGHT © 2019, McLAREN ENGINEERING GROUP

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

OLA Consulting Engineers
90 Broadway, Hawthorne,
New York 10322
914.747.2800
12 East 49th Street, 11th Fl.
New York, NY 10017
646.349.1110
ola.com

Gannett Fleming
FACILITIES CONSULTANT

IQ Imbiano-Quigley
Landscape Architects
31 Manarneck Ave., 7th Floor
White Plains, New York 10601
admin@iqlandscape.com
(914) 232-4200

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.mglmclaren.com

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

SHEET NAME
**BUILDING 1 - STRUCTURAL
FOUNDATION DETAILS - 2**

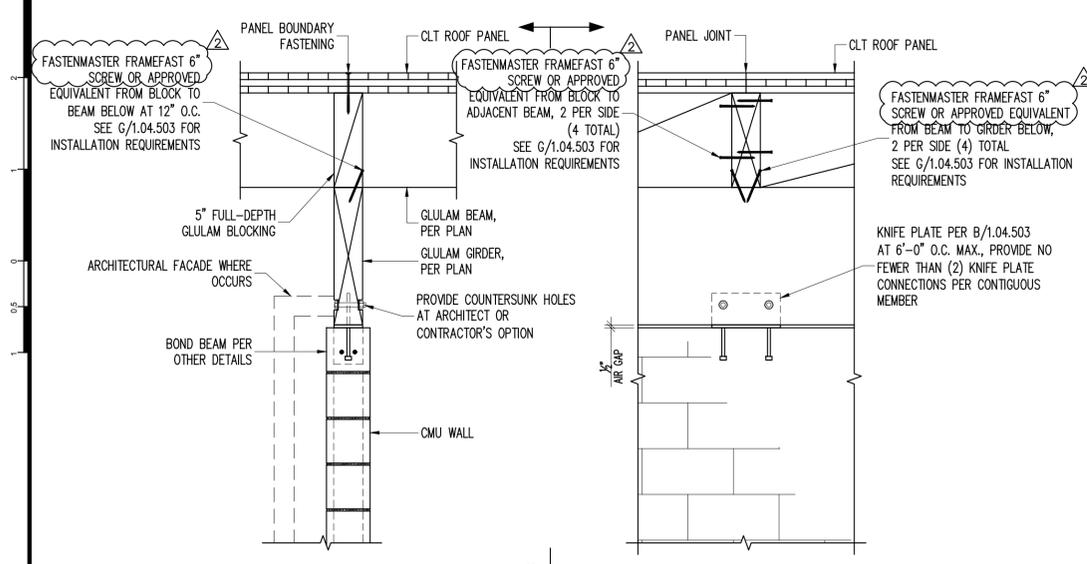
ADDENDUM#14

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

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

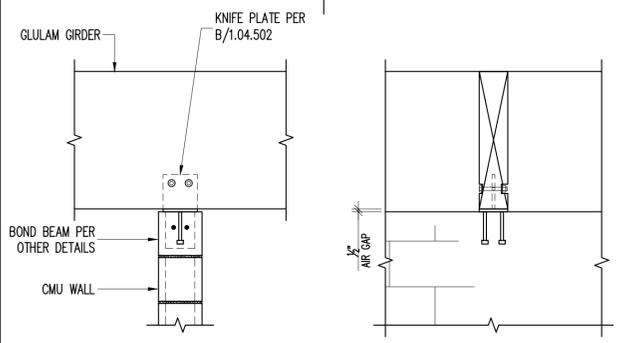
ISSUED FOR **BID SET**
DRAWING NO. **1.04.502**
OF SHS

FILE NAME: P:\Proj\130439\10_Dwg\CADD\01_Structure Set\1.04.501 BUILDING 1 DETAILS.dwg PLOT TIME: Wed, 11 Dec 2019 - 4:14pm LAST SAVE: Wed, 11 Dec 2019 - 3:44pm BY: adthoury

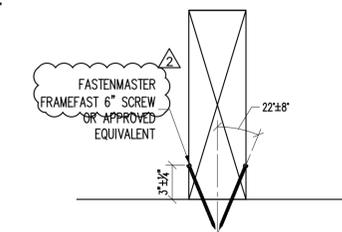


A TYPICAL GIRDER TO TOP OF CMU WALL - PARALLEL
1.04.503 3/4" = 1'-0"

- 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.



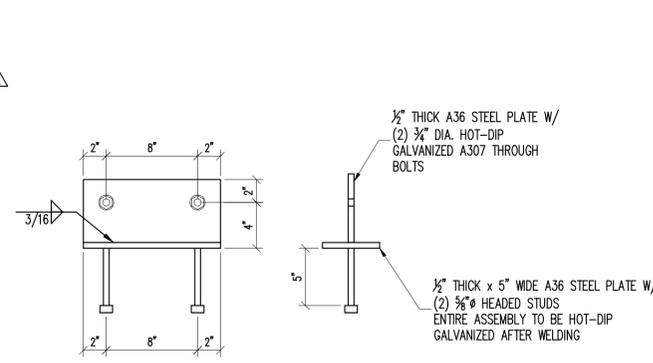
D TYP. GIRDER TO TOP OF CMU WALL - PERPENDICULAR
1.04.503 3/4" = 1'-0"



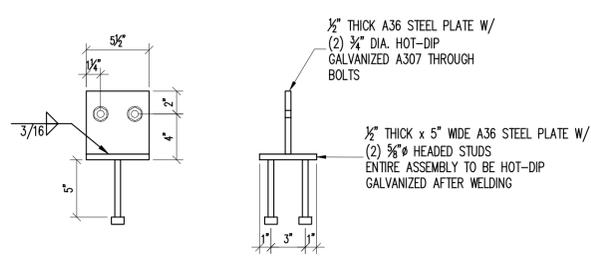
* PRE-DRILLING IS NOT REQUIRED, BUT CARE SHALL BE TAKEN TO AVOID SPLITTING MEMBERS. IF SPLITTING OCCURS AFTER SEVERAL ATTEMPTS, PROVIDE PREDRILLED HOLES AND SCREW LUBRICANT AS NEEDED.

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

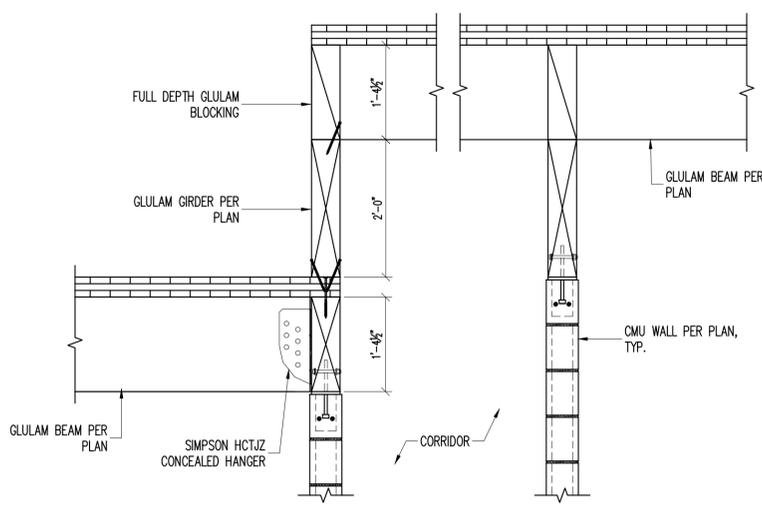
G GEOMETRY REQUIREMENTS SCREW INSTALLATION
1.04.503 N.T.S.



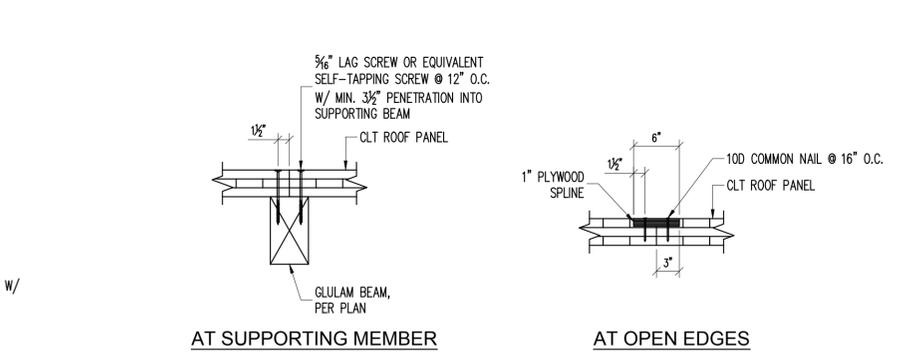
B KNIFE PLATE BEAM PARALLEL TO WALL
1.04.503 1-1/2" = 1'-0"



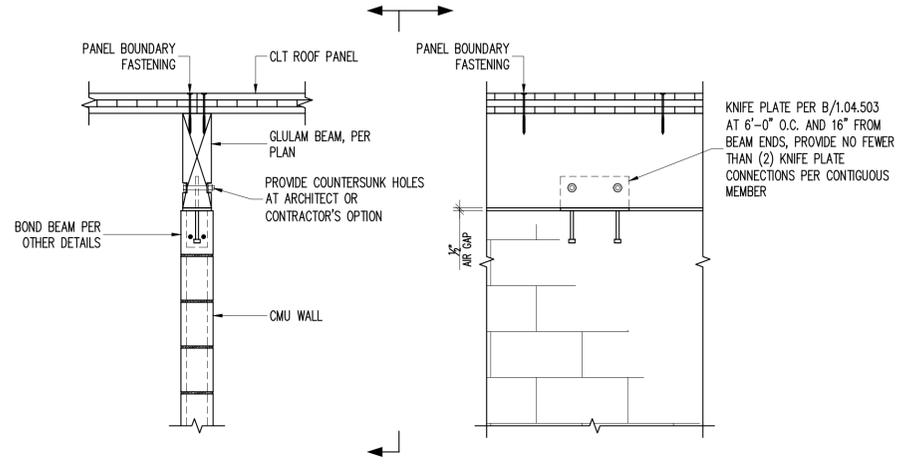
E KNIFE PLATE BEAM PERPENDICULAR TO WALL
1.04.503 1-1/2" = 1'-0"



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

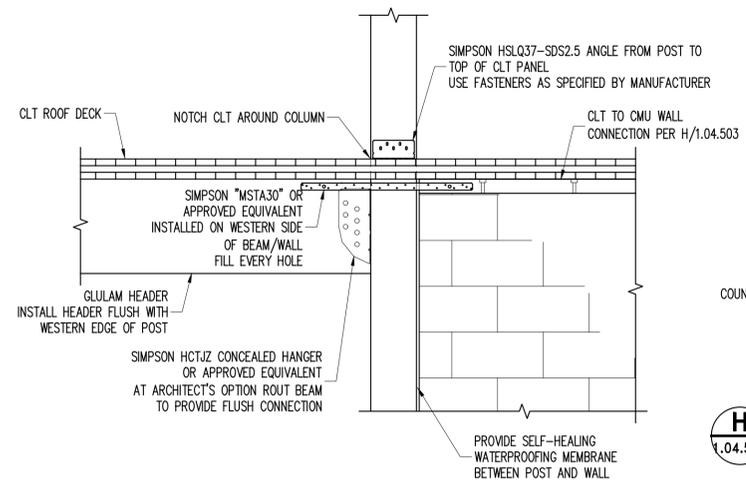


C TYPICAL CLT SPLICES
1.04.503 1" = 1'-0"

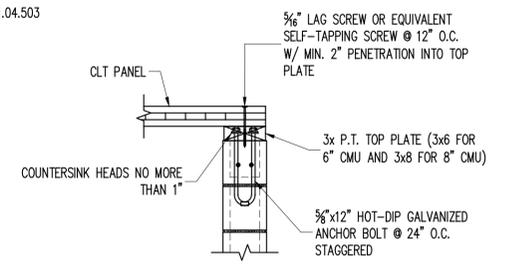


F TYPICAL BEAM TO TOP OF CMU WALL - PARALLEL
1.04.503 3/4" = 1'-0"

- NOTES:
- 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.



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"

WARNING - IT IS A VIOLATION OF NEW YORK STATE EDUCATIONAL LAW, SECTION 7209.2, FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATIONAL LAW, SECTION 7209.2

COPYRIGHT © 2019, McLAREN ENGINEERING GROUP

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
90 Broadway, Hawthorne,
New York 10322
914.747.2800
12 East 49th Street, 11th Flr.
New York, NY 10017
646.348.1110
olacoe.com

FACILITIES CONSULTANT: **Gannett Fleming**

LANDSCAPE ARCHITECT: **IQ** Imbiano-Quigley Landscape Architects
31 Monmouth Ave., 7th Floor
New York, NY 10007
adrian@iqarch.com
(914) 232-4200

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
REGISTERED PROFESSIONAL ENGINEER

SHEET NAME: **BUILDING 1 - STRUCTURAL SUPERSTRUCTURE DETAILS**
- 1

PROJECT NO.	130439	ISSUED FOR	BID SET
SCALE	AS NOTED	DRAWING NO.	1.04.503
DATE	OCTOBER 30, 2019	CHECKED BY	AK
DRAWN BY	ACD	APPROVED BY	TWB
2	12/09/19	ADDENDUM 08	ATF
No.	DATE	REVISION	BY

ADDENDUM#14

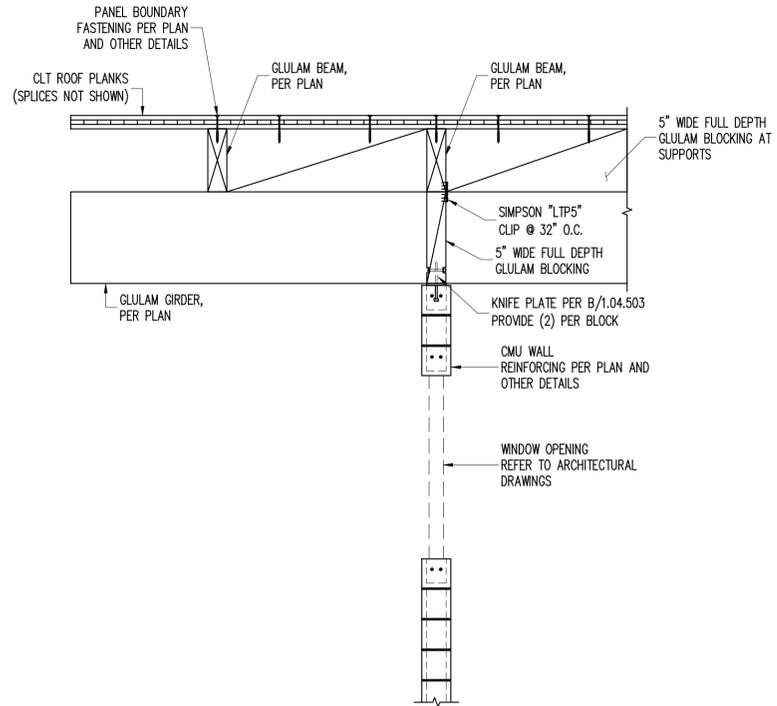
PROJECT NO. 130439
SCALE AS NOTED
DATE OCTOBER 30, 2019
DRAWN BY ACD
CHECKED BY AK
APPROVED BY TWB

ISSUED FOR **BID SET**

DRAWING NO. **1.04.503**

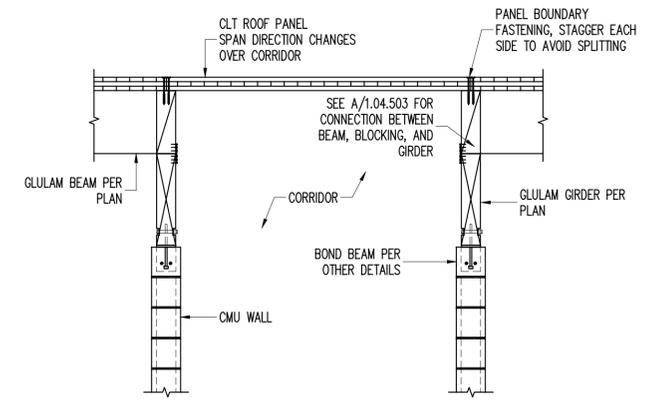
OF SHTS

FILE NAME: P:\Proj\130439\10_Dwg\CADD\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: adminbu



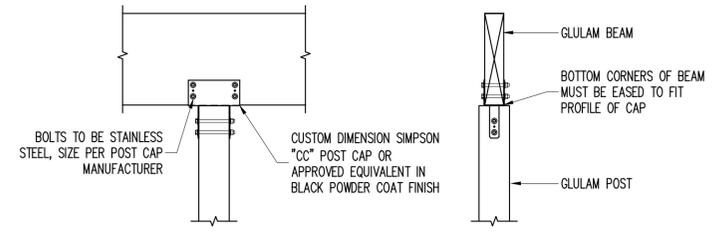
A SHEAR TRANSFER AT EXTERIOR WALL
1.04.504 1/2" = 1'-0"

- 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.

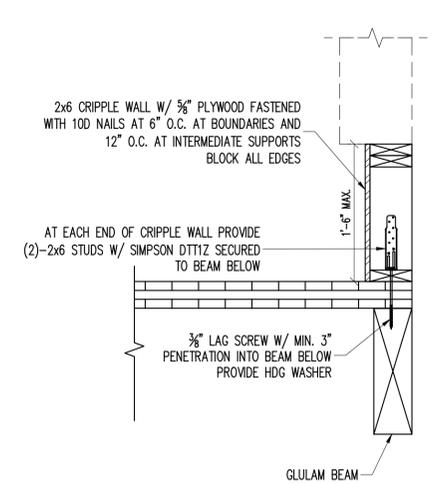


B SECTION AT ADMIN. CORRIDOR
1.04.504 1/2" = 1'-0"

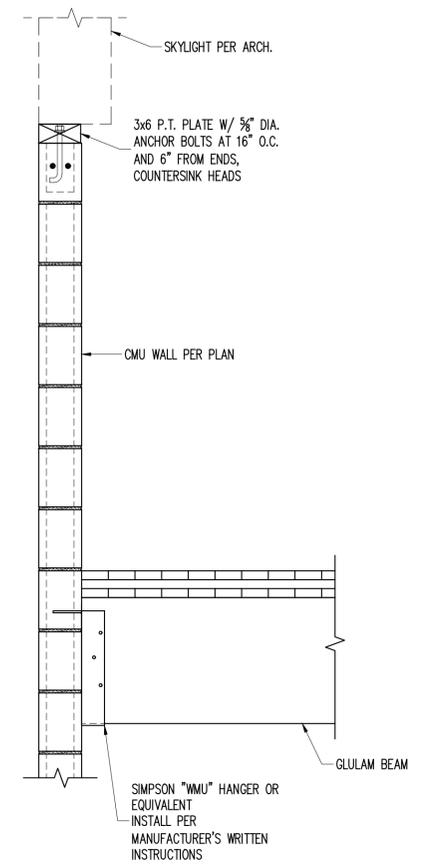
- NOTES:
- FOR BALANCE OF INFORMATION SEE A/1.04.502



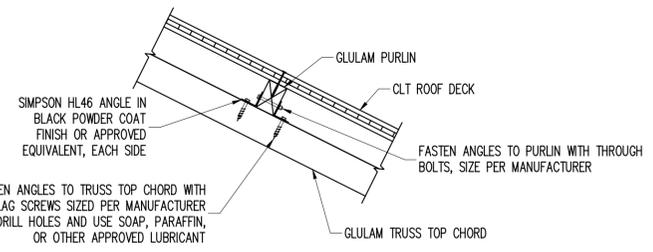
D TYP. BEAM TO POST CONNECTION
1.04.504 1/2" = 1'-0"



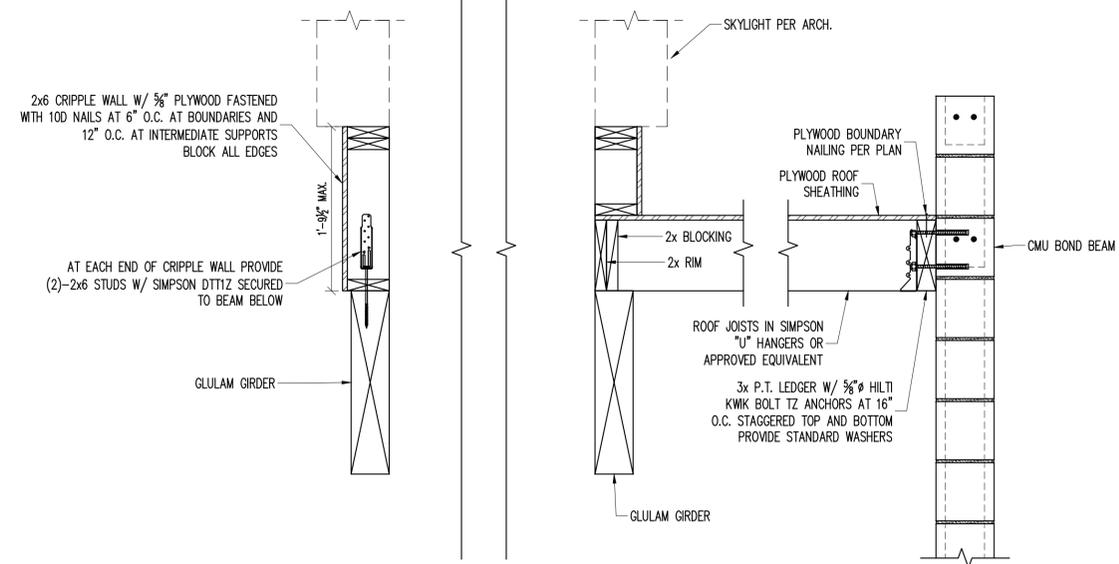
C SECTION AT SKYLIGHT
1.04.504 1" = 1'-0"



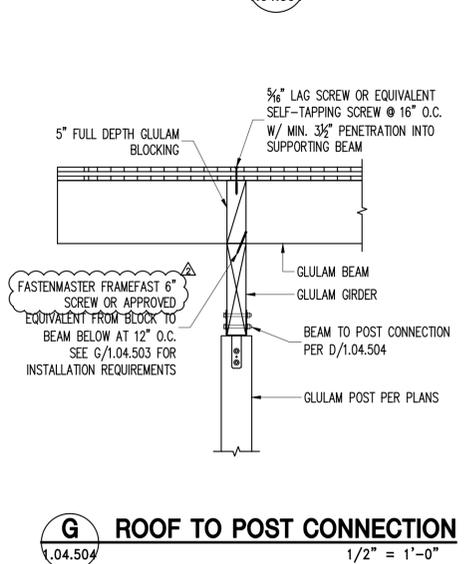
H TYP. BEAM TO BEAM CONNECTIONS
1.04.504 1/2" = 1'-0"



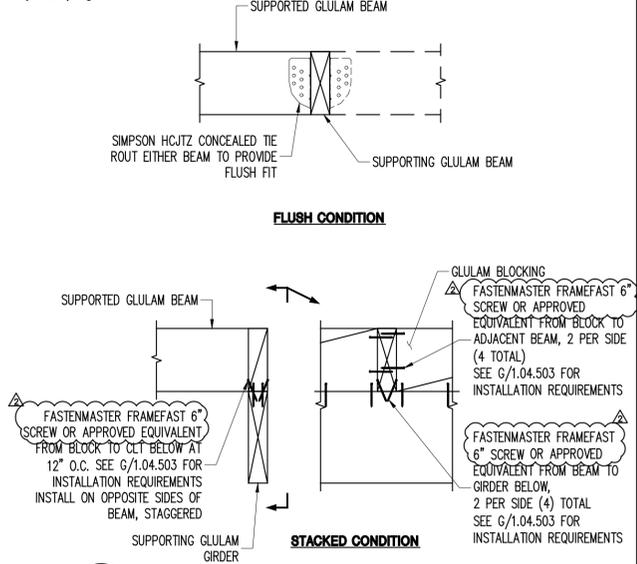
E PURLIN TO TRUSS CONNECTION
1.04.504 1/2" = 1'-0"



F SECTION AT SKYLIGHT
1.04.504 1" = 1'-0"



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



WARNING - IT IS A VIOLATION OF NEW YORK STATE EDUCATIONAL LAW, SECTION 7209.2, FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATIONAL LAW, SECTION 7209.2

COPYRIGHT © 2019, McLAREN ENGINEERING GROUP

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

OLA Consulting Engineers
90 Broadway, Hawthorne,
New York 10522
914.747.2800
12 East 49th Street, 11th Fl.
New York, NY 10017
646.348.1110
olace.com

Gannett Fleming
FACILITIES CONSULTANT

IQ Imbiano-Quigley
Landscape Architects
31 Monmouth Ave., 7th Floor
White Plains, New York 10601
admin@iqlandscape.com
(914) 232-4200

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.mglmclaren.com

SEAL
THOMAS W. BRODERICK
No. 065994
REGISTERED PROFESSIONAL ENGINEER

SHEET NAME
**BUILDING 1 - STRUCTURAL
SUPERSTRUCTURE DETAILS -
2**

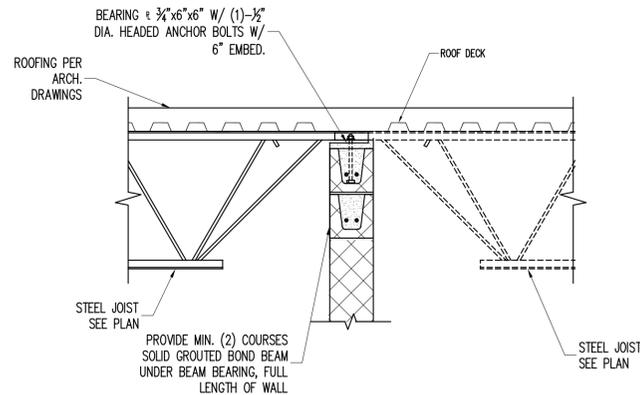
ADDENDUM#14

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

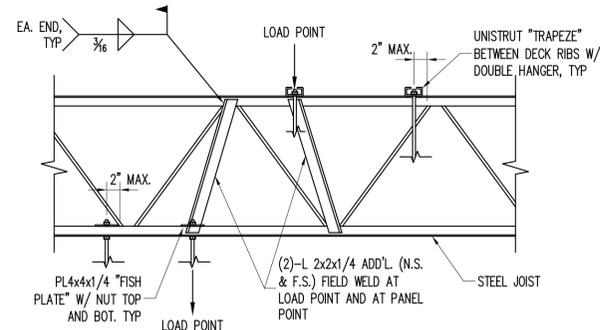
PROJECT NO. 130439
SCALE AS NOTED
DATE OCTOBER 30, 2019
DRAWN BY ACD
CHECKED BY AK
APPROVED BY TWB

ISSUED FOR **BID SET**
DRAWING NO. **1.04.504**
OF SHS

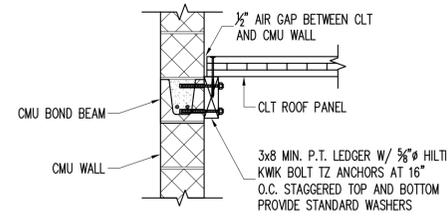
FILE NAME: P:\Proj\130\104506A\10_Dwg\CAD\01_Structural Set\1.04.506A BUILDING 1 DETAILS.dwg PLOT TIME: Wed, 11 Dec 2019 - 5:15pm LAST SAVE: Wed, 11 Dec 2019 - 5:15pm BY: abraham



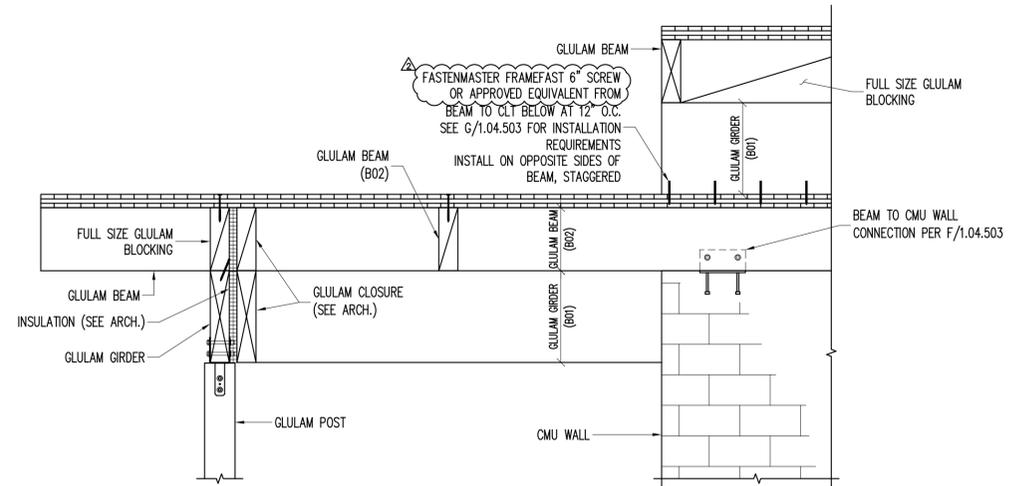
A TYP. STEEL JOIST ON CMU WALL DETAIL
 1.04.506A NTS



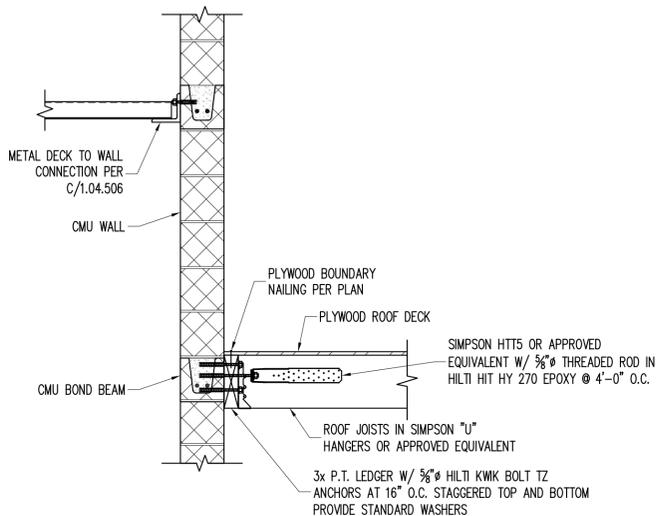
B TYP JOIST REINF. AT POINT LOAD DETAIL
 1.04.506A NTS



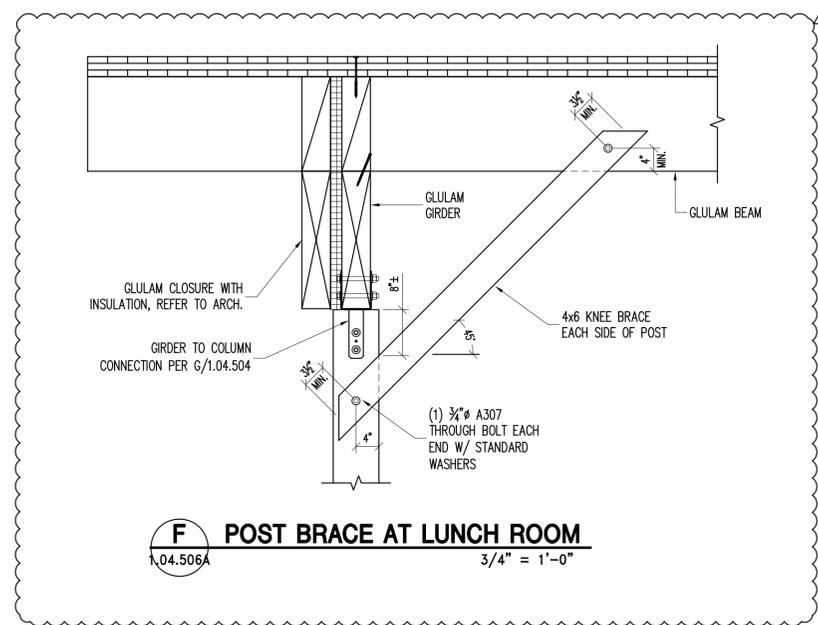
C CLT TO CMU WALL
 1.04.506A NTS



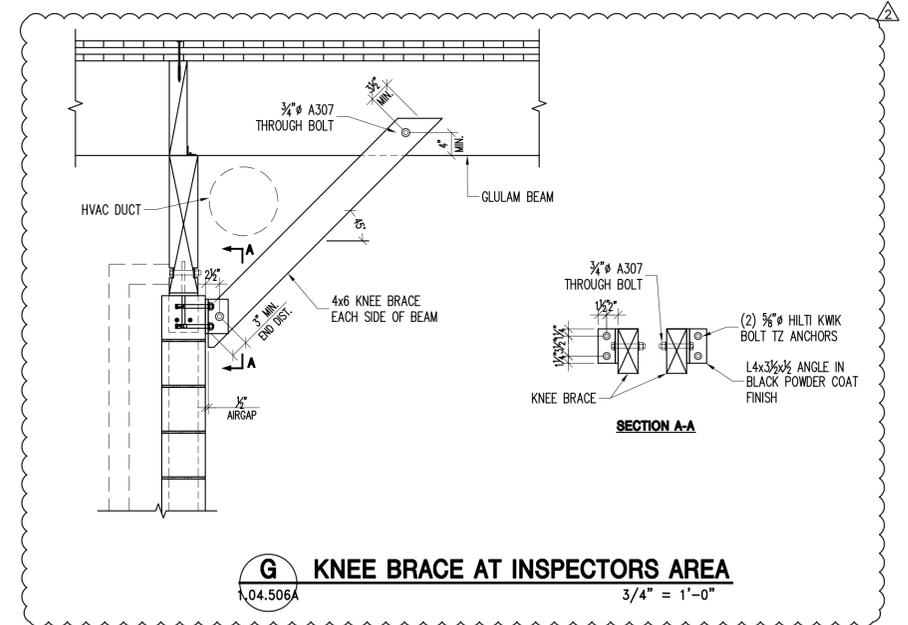
D SECTION AT MAIN ENTRANCE
 1.04.506A 1/2" = 1'-0"



E SECTION AT ROOF STEP
 1.04.506A NTS



F POST BRACE AT LUNCH ROOM
 1.04.506A 3/4" = 1'-0"



G KNEE BRACE AT INSPECTORS AREA
 1.04.506A 3/4" = 1'-0"

WARNING - IT IS A VIOLATION OF NEW YORK STATE EDUCATIONAL LAW, SECTION 7209.2 FOR ANY PERSON UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATIONAL LAW, SECTION 7209.2

COPYRIGHT © 2019, McLAREN ENGINEERING GROUP

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

OLA Consulting Engineers
 80 Broadway, Hawthorne,
 New York 10522
 914.747.8800
 12 East 49th Street, 11th Fl.
 New York, NY 10017
 646.348-1110
 ola.com

Gannett Fleming
 FACILITIES CONSULTANT

IQ
 Imbiano-Quigley
 Landscape Architects
 31 Montross Ave., 7th Floor
 White Plains, New York 10601
 admin@iqlandscape.com
 (914) 232-6200

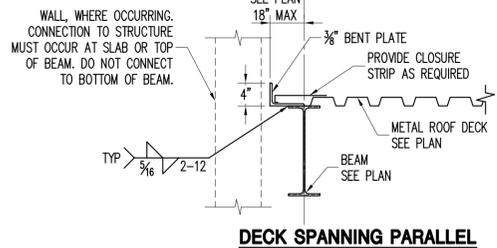
PROJECT
**COUNTY OF ROCKLAND
 CAPITAL PROJECT NO. 1307
 HIGHWAY DEPARTMENT /
 EMERGENCY OPERATIONS FACILITY**
 COUNTY OF ROCKLAND, NEW YORK

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

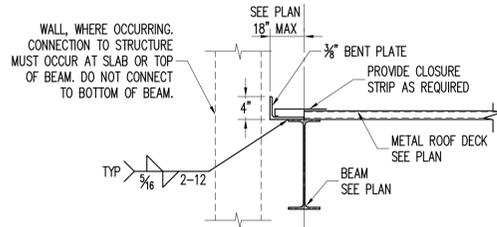
SEAL
 STATE OF NEW YORK
 THOMAS W. BRODERICK
 No. 065994
 REGISTERED PROFESSIONAL ENGINEER

SHEET NAME
**BUILDING 1 - STRUCTURAL
 SUPERSTRUCTURE DETAILS**

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



DECK SPANNING PARALLEL

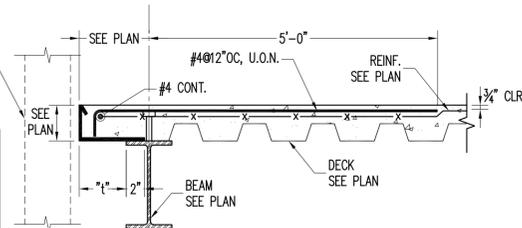


DECK SPANNING PERPENDICULAR

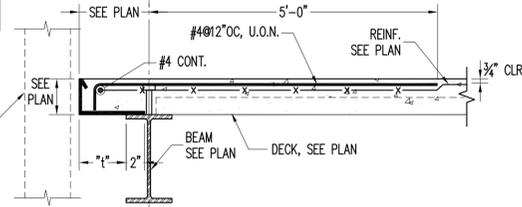
"t"	CONCRETE WEIGHT		
	150 PCF	110-115 PCF	
UP TO 9"	*	*	*
9" TO 10"	*	3/4" BENT PL.	*
10" TO 12"	3/4" BENT PL.	3/4" BENT PL.	3/4" BENT PL.

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

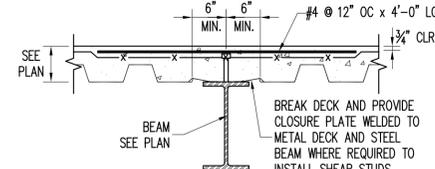
NOTE: REBAR HOOKS TO BE STANDARD 90 DEGREE HOOKS PER ACI 318. TILT AS NECESSARY TO FIT IN SLAB AND SATISFY TYP CLEAR COVER REQUIREMENTS



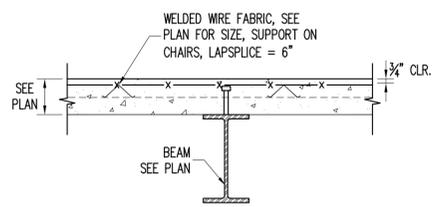
DECK SPANNING PARALLEL



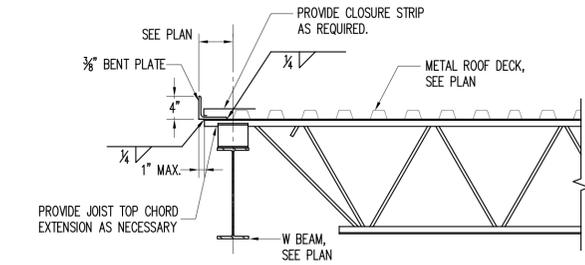
DECK SPANNING PERPENDICULAR OR DIAGONAL



DECK SPANNING PARALLEL

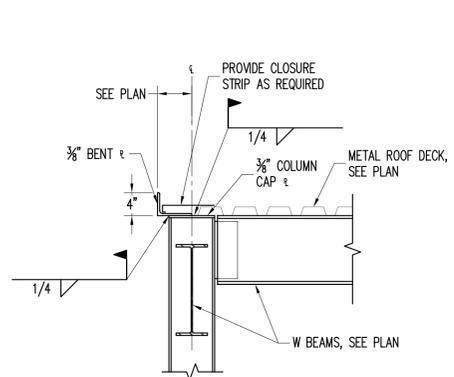


DECK SPANNING PERPENDICULAR

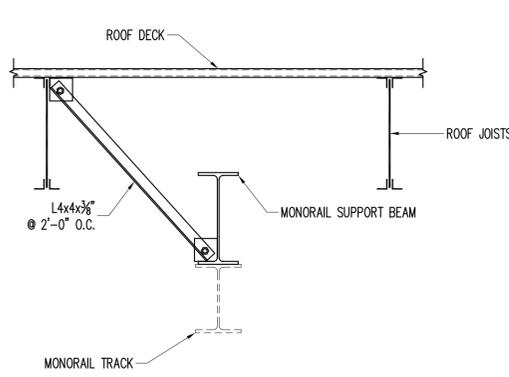


TYP DECK PERP. TO ROOF JOISTS DETAIL

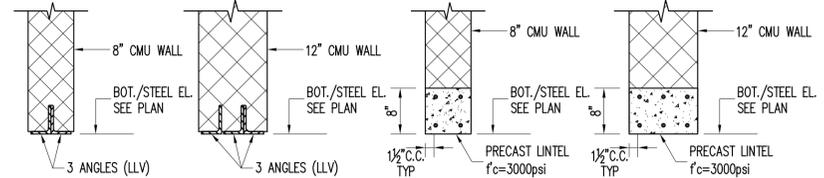
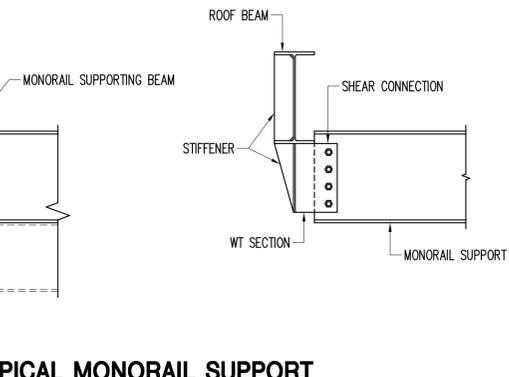
A TYP ROOF DECK EDGE DETAIL



B TYP SLAB ON METAL DECK EDGE DETAIL



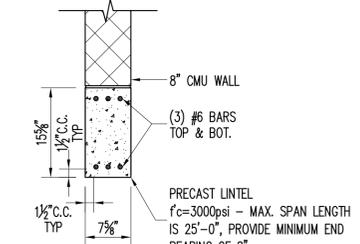
C TYP SLAB ON METAL DECK DETAIL



OPTION A - STEEL LINTEL

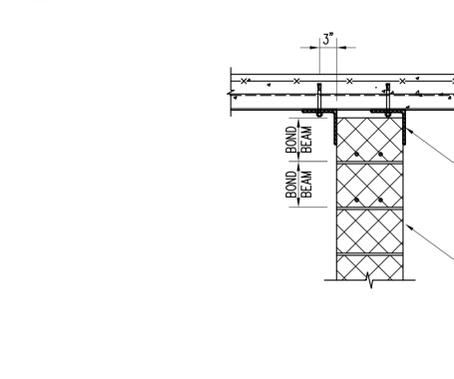
OPTION B - PRECAST LINTEL

OPENING SIZE	LINTEL AT MASONRY WALL	
	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 5/16	(1) #4
4'-1" TO 6'-0"	(1) L 5 1/2 x 3 1/2 x 5/16	(1) #5
6'-1" TO 8'-0"	(1) L 6 1/2 x 3 1/2 x 5/16	(1) #6
GREATER THAN 8'-0"	PROVIDE LINTEL AS CALLED OUT ON ELEVATIONS ON S-201	

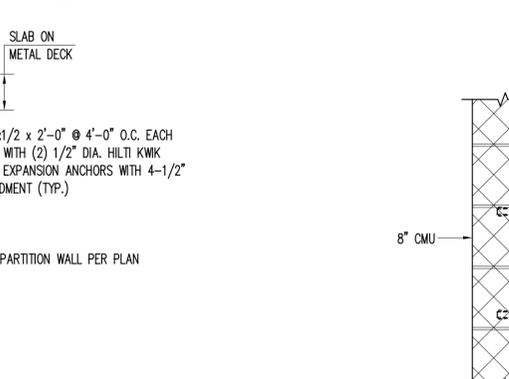


PRECAST LINTEL - MAXIMUM 12' OPENING

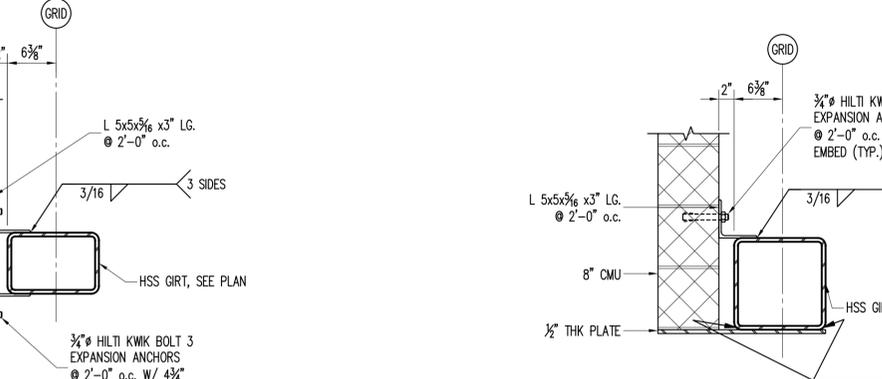
E TYP DECK PERP. TO ROOF JOISTS AT COLUMN DETAIL



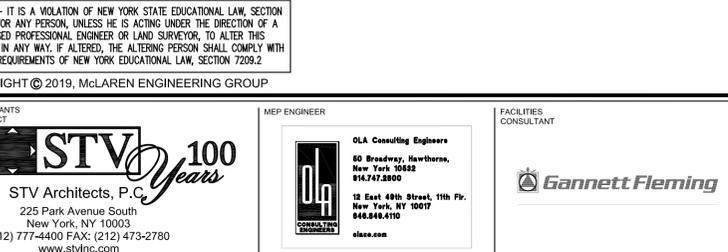
F SECTION AT MONORAIL SUPPORT BEAMS



G TYPICAL MONORAIL SUPPORT BEAM CONNECTIONS



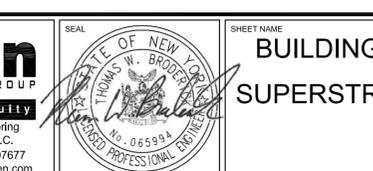
H TYPICAL DETAIL AT TOP OF CMU PARTITION



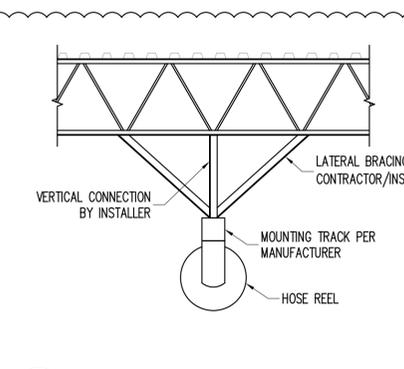
J SECTION AT WIND GIRT



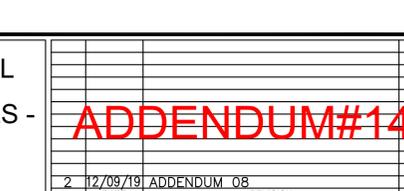
K SECTION AT WIND GIRT AT GARAGE DOOR LINTEL



L LINTEL AT MASONRY WALL



M TYPICAL HOSE REEL SUPPORT



WARNING - IT IS A VIOLATION OF NEW YORK STATE EDUCATIONAL LAW, SECTION 7209.2 FOR ANY PERSON UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATIONAL LAW, SECTION 7209.2

COPYRIGHT © 2019, McLAREN ENGINEERING GROUP

CONSULTANTS ARCHITECT: STV Architects, P.C. 100 Years 225 Park Avenue South New York, NY 10003 (212) 777-4400 FAX: (212) 473-2780 www.stvinc.com

MEP ENGINEER: OLA Consulting Engineers 80 Broadway, Hawthorne, New York 10522 914.747.8800 12 East 49th Street, 11th Fl. New York, NY 10017 914.348.4110 olac.com

FACILITIES CONSULTANT: Gannett Fleming

LANDSCAPE ARCHITECT: IQ Imbiano-Quigley Landscape Architects 31 Monmouth Ave., 7th Floor White Plains, New York 10601 admin@iqlandscape.com (914) 232-6200

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.mglmclaren.com

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

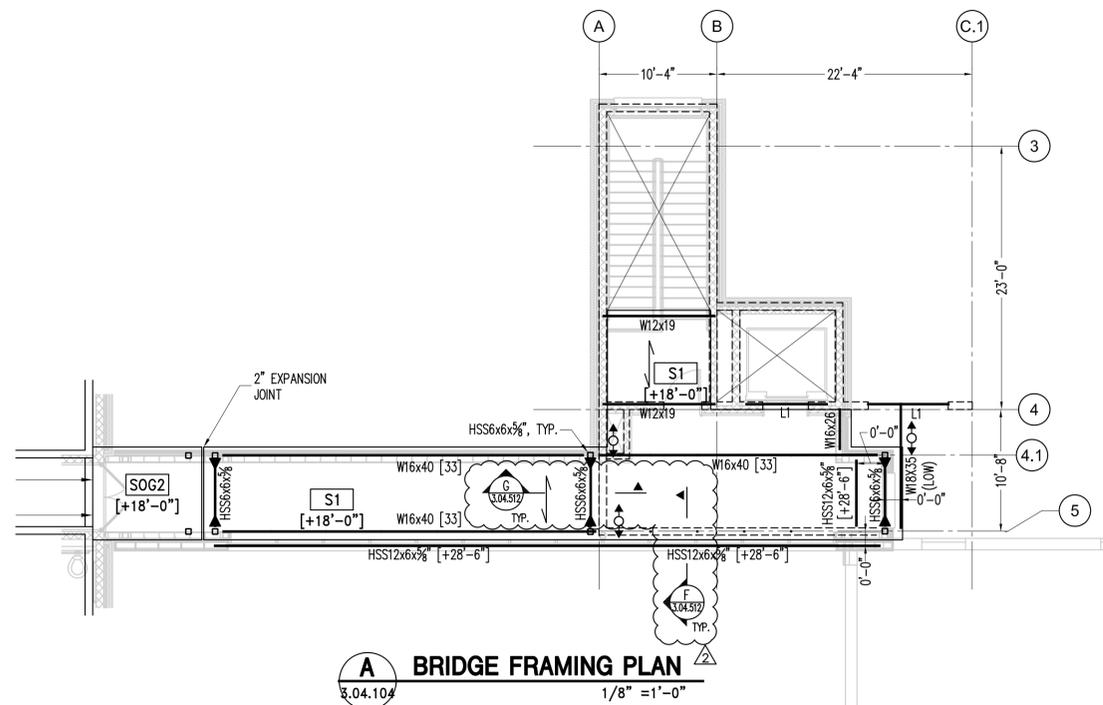
SHEET NAME: BUILDING 2 - STRUCTURAL SUPERSTRUCTURE DETAILS - 3

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

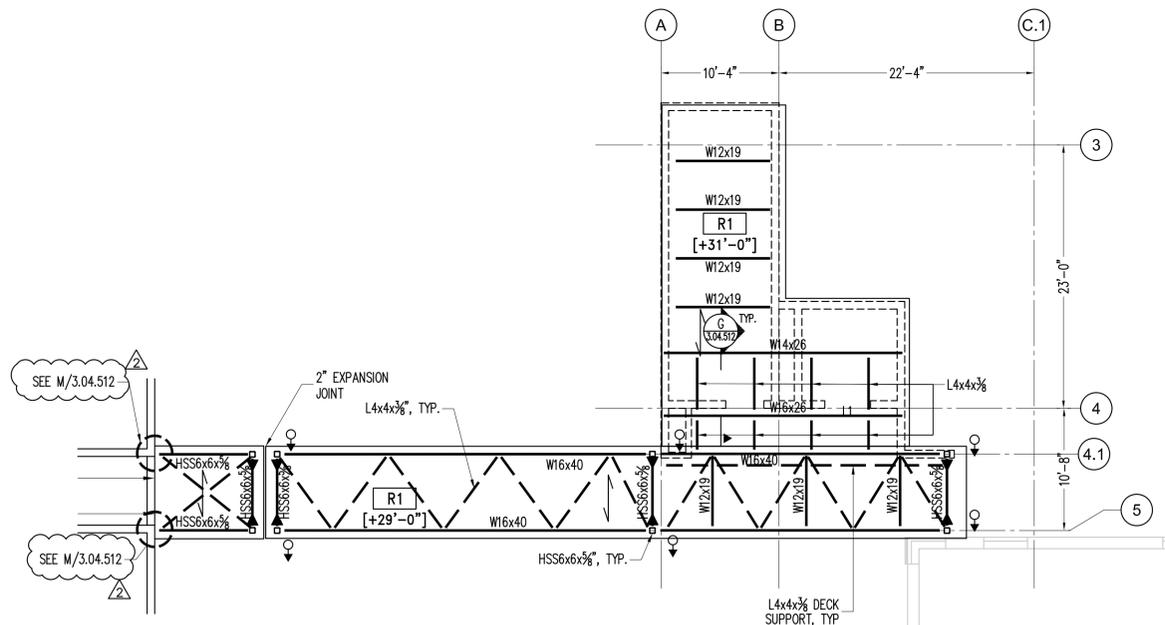
ISSUED FOR: BID SET DRAWING NO. 2.04.512 OF SHTS

ADDENDUM#14

2 12/09/19 ADDENDUM 08 REVISION ATF BY

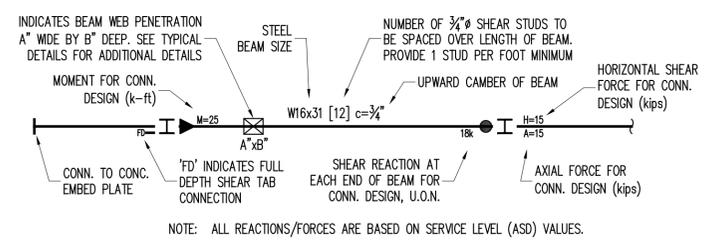


A BRIDGE FRAMING PLAN
3.04.104 1/8" = 1'-0"

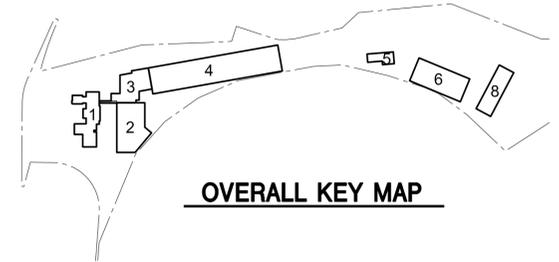


B BRIDGE ROOF FRAMING PLAN
3.04.104 1/8" = 1'-0"

- 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



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



- 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.

WARNING - IT IS A VIOLATION OF NEW YORK STATE EDUCATIONAL LAW, SECTION 7209.2 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATIONAL LAW, SECTION 7209.2

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
80 Broadway, Hawthorne,
New York 10522
914.747.8800
12 East 49th Street, 11th Fl.
New York, NY 10017
914.548.5110
ola.com

FACILITIES CONSULTANT

Gannett Fleming

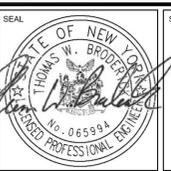
LANDSCAPE ARCHITECT

IQ
Imbiano-Quigley
Landscape Architects
31 Main Street, 7th Floor
White Plains, New York 10601
admin@iqlandscape.com
(914) 232-4000

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



SHEET NAME

**BUILDING 3 - STRUCTURAL
BRIDGE FRAMING
PART PLANS**

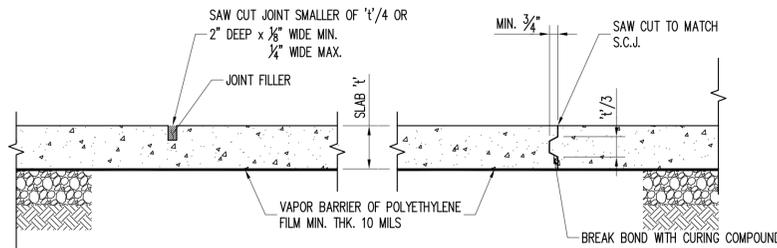
PROJECT NO. 130439
SCALE AS NOTED
DATE OCTOBER 30, 2019
DRAWN BY ACD
CHECKED BY AK
APPROVED BY TWB

ADDENDUM#14

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

ISSUED FOR **BID SET**
DRAWING NO. **3.04.104**
OF SHTS

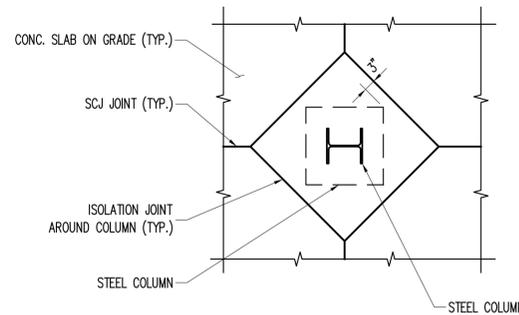
FILE NAME: \\pvedad01\Projects\Proj\307\30439\10_Dwg\CA00\01_Structural_Set\BRIDGE FRAMING PART PLANS.dwg PLOT TIME: Tue, 10 Dec 2019 - 4:07pm LAST SAVE: Tue, 10 Dec 2019 - 4:00pm BY: abahoury



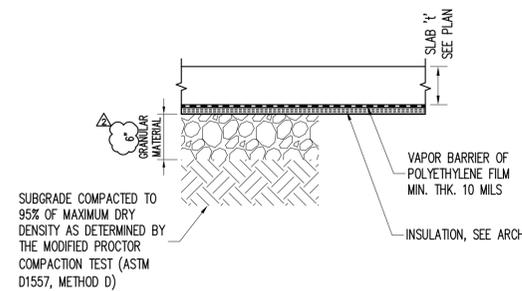
NOTES:
 1. JOINTS MUST BE CUT WITHIN 12 HOURS AFTER PLACEMENT OF CONCRETE.
 2. SAW CUT JOINTS SHALL BE LOCATED AT COLUMN CENTERLINES. PROVIDE ADDITIONAL SAW CUT JOINTS AS REQUIRED THAT SPACING DOES NOT EXCEED 36 x '1'.
 3. CONTRACTOR TO PROVIDE JOINT LAYOUT DRAWING FOR REVIEW AND APPROVAL BY THE ARCHITECT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

SAW CUT JOINT (S.C.J)

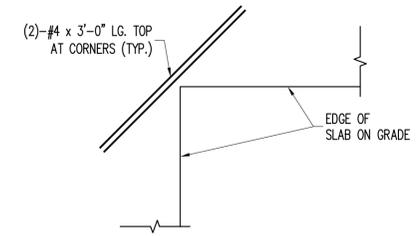
CONSTRUCTION JOINT (C.J.)



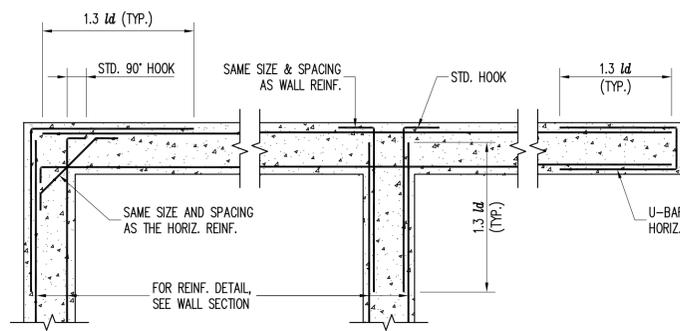
B TYP. SLAB JOINTS AROUND COLUMN



C TYP. SLAB ON GRADE DETAIL



D TYPICAL REINFORCING AT RE-ENTRANT CORNERS

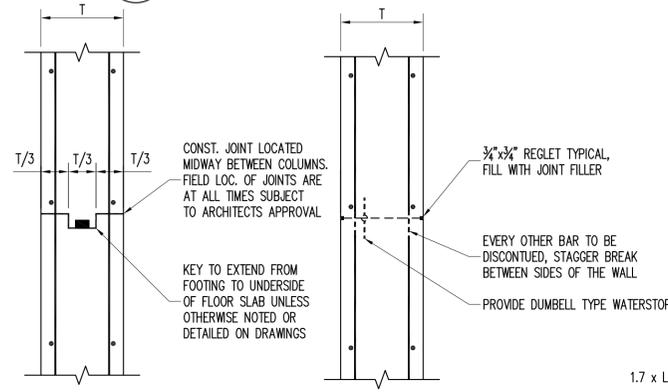


AT CORNER

AT TEE INTERSECTION

AT END

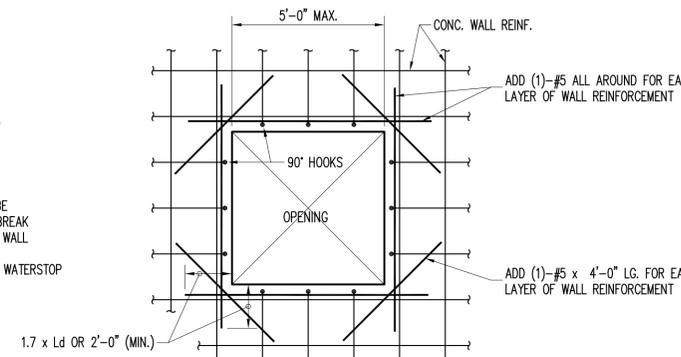
NOTE: VERTICAL REINFORCEMENT NOT SHOWN FOR CLARITY.



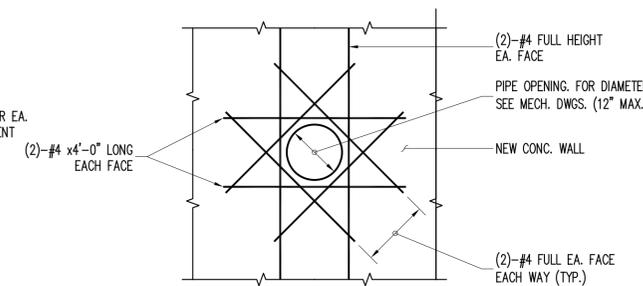
CONSTRUCTION JOINT

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.

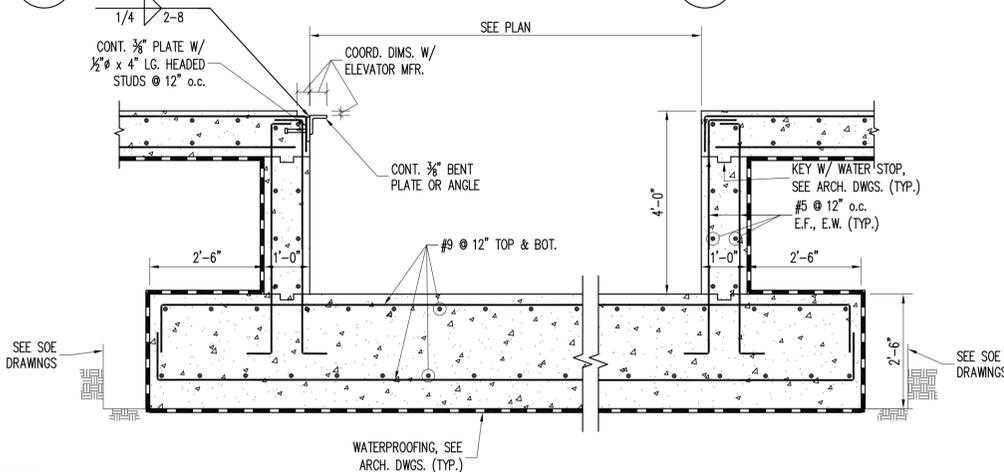


NOTE: ONE-HALF OF VERTICAL REINFORCING BAR AREA (MINIMUM) INTERRUPTED BY OPENING SHALL BE PROVIDED EACH SIDE OF OPENING IN THE SAME FACE. (FULL LENGTH BARS)



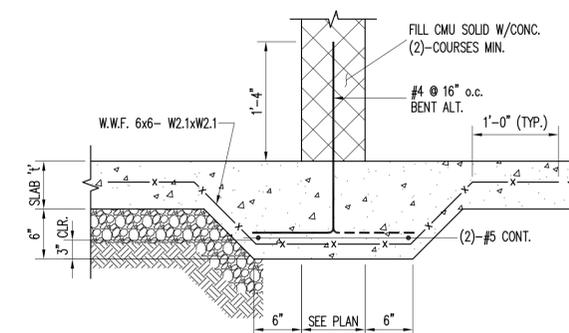
NOTE: COORDINATE OPENING SIZES AND LOCATIONS WITH CERTIFIED MECHANICAL SHOP DRAWINGS.

E TYPICAL WALL INTERSECTION DETAIL



F TYPICAL WALL JOINT DETAILS

G TYPICAL WALL OPENING REINFCEMENT



NOTE: PROVIDE AT ALL NON-BEARING INTERIOR MASONRY WALLS

K TYPICAL SLEEVE THROUGH WALL

H ELEVATOR PIT SECTION

L CMU WALL ON SOG DETAIL

WARNING - IT IS A VIOLATION OF NEW YORK STATE EDUCATIONAL LAW, SECTION 7209.2 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATIONAL LAW, SECTION 7209.2

COPYRIGHT © 2019, McLAREN ENGINEERING GROUP

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

OLA Consulting Engineers
 80 Broadway, Hawthorne,
 New York 10522
 914.747.8800
 12 East 49th Street, 11th Fl.
 New York, NY 10017
 914.548.4110
 ola.com

Gannett Fleming
 FACILITIES CONSULTANT

IQ
 Imbiano-Quigley
 Landscape Architects
 51 Montross Ave., 7th Floor
 White Plains, New York 10601
 admin@iqlandscape.com
 (914) 232-6000

**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

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

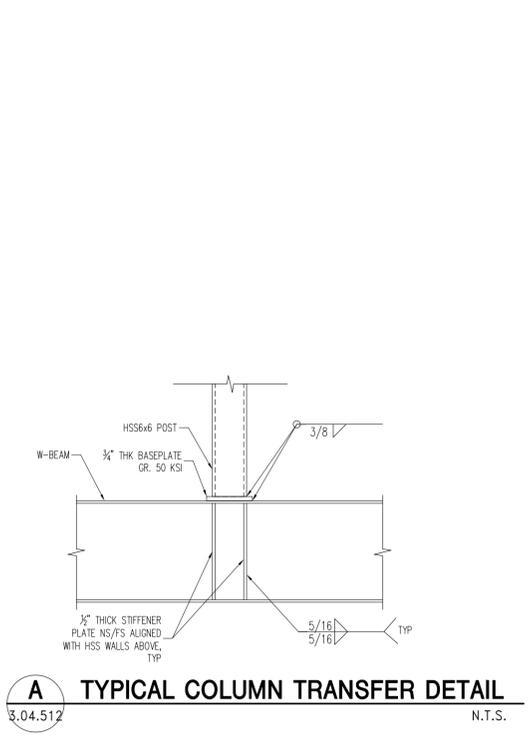
**BUILDING 3 - STRUCTURAL
 FOUNDATION DETAILS - 1**

ADDENDUM #14

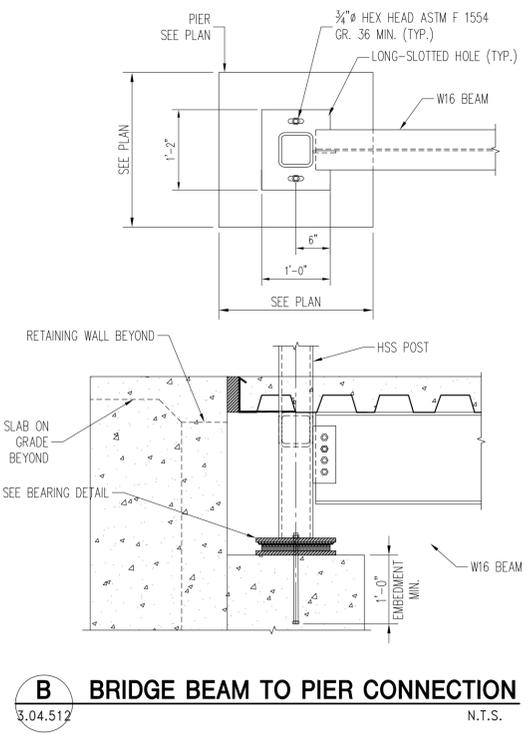
No.	DATE	REVISION	BY
2	12/09/19	ADDENDUM 08	ATF

PROJECT NO.	130439	ISSUED FOR	BID SET
SCALE	AS NOTED	DRAWING NO.	3.04.500
DATE	OCTOBER 30, 2019	APPROVED BY	TWB
DRAWN BY	ACD	CHECKED BY	AK
2 OF 2 SHEETS			

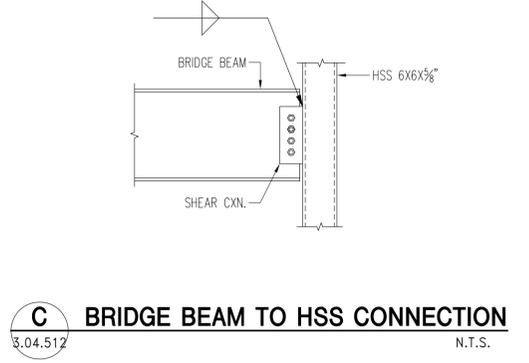
FILE NAME: \\pvedg01\projects\proj1301\304512\10_Dwgns\CADD\01_Structural_Sel\3.04.510 BUILDING 3 SUPERSTRUCTURE DETAILS.dwg PLOT TIME: Tue, 10 Dec 2019 -- 3:57pm LAST SAVE: Tue, 10 Dec 2019 -- 3:55pm BY: afabiany



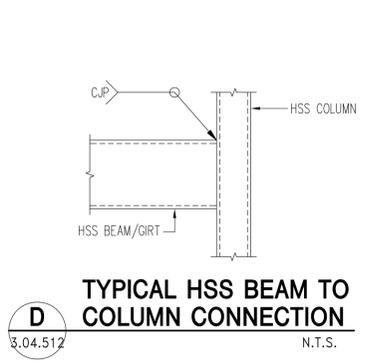
A TYPICAL COLUMN TRANSFER DETAIL
3.04.512 N.T.S.



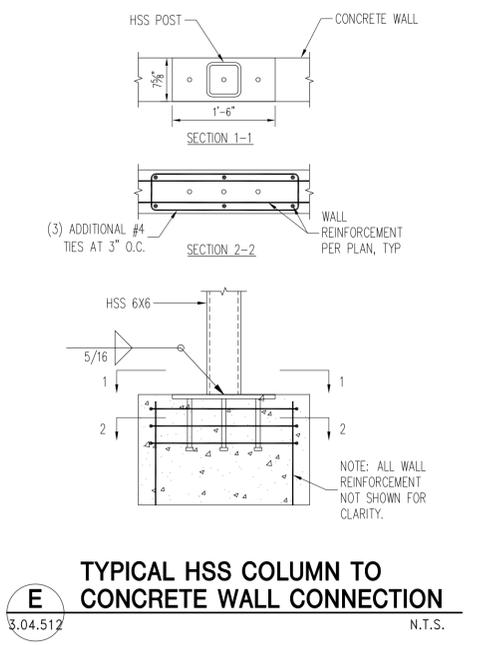
B BRIDGE BEAM TO PIER CONNECTION
3.04.512 N.T.S.



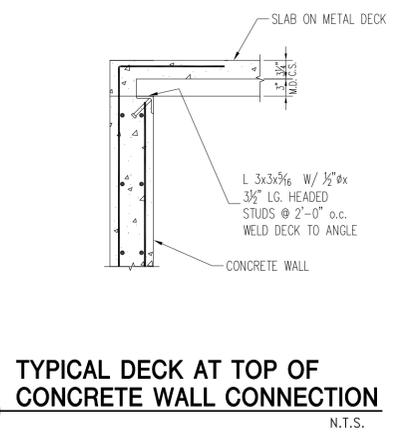
C BRIDGE BEAM TO HSS CONNECTION
3.04.512 N.T.S.



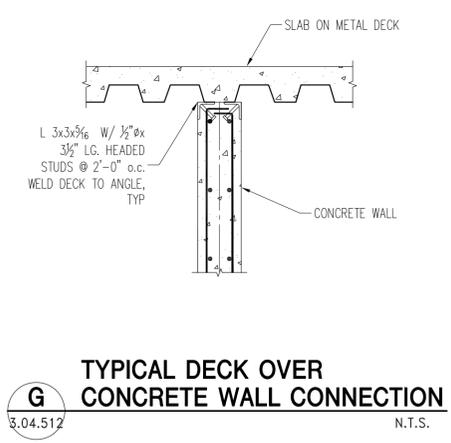
D TYPICAL HSS BEAM TO COLUMN CONNECTION
3.04.512 N.T.S.



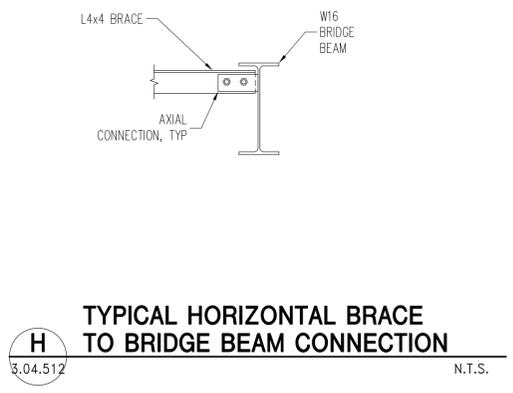
E TYPICAL HSS COLUMN TO CONCRETE WALL CONNECTION
3.04.512 N.T.S.



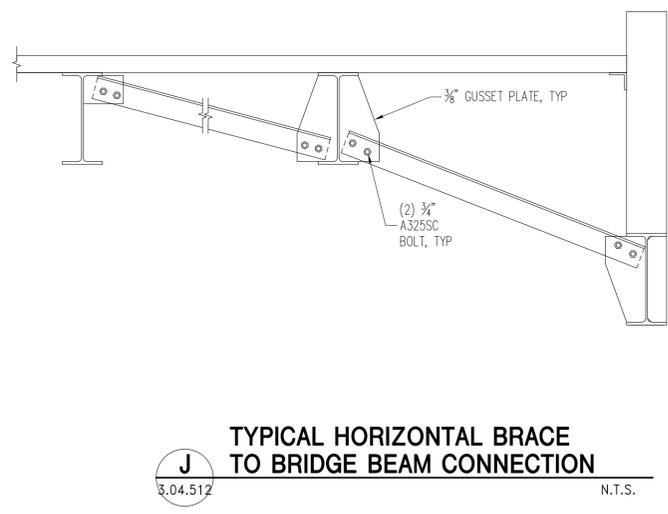
F TYPICAL DECK AT TOP OF CONCRETE WALL CONNECTION
3.04.512 N.T.S.



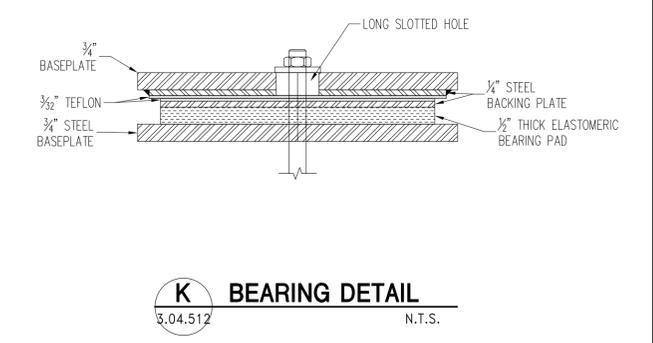
G TYPICAL DECK OVER CONCRETE WALL CONNECTION
3.04.512 N.T.S.



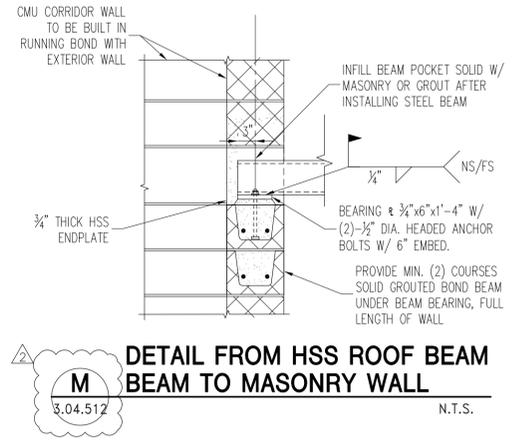
H TYPICAL HORIZONTAL BRACE TO BRIDGE BEAM CONNECTION
3.04.512 N.T.S.



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.

WARNING - IT IS A VIOLATION OF NEW YORK STATE EDUCATIONAL LAW, SECTION 7209.2, FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATIONAL LAW, SECTION 7209.2

COPYRIGHT © 2019, McLAREN ENGINEERING GROUP

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

OLA Consulting Engineers
50 Broadway, Hawthorne,
New York 10522
914.747.8800
12 East 49th Street, 11th Fl.
New York, NY 10017
946.348-1110
ola.com

Gannett Fleming
FACILITIES CONSULTANT

IQ Imbiano-Quigley
Landscape Architects
31 Monmouth Ave., 7th Floor
White Plains, New York 10601
admin@iqlandscape.com
(914) 232-4000

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.mgmlaren.com

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

SHEET NAME
**BUILDING 3 - STRUCTURAL
SUPERSTRUCTURE
DETAILS - 3**

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

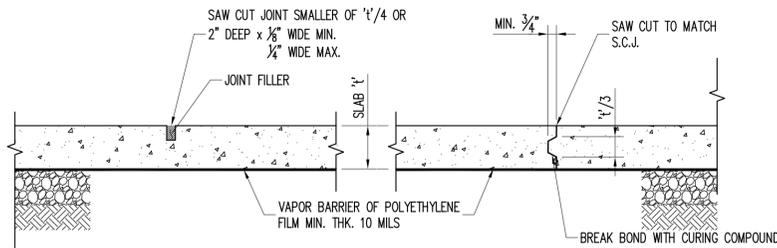
ADDENDUM#14

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

ISSUED FOR
BID SET

DRAWING NO.
3.04.512

OF SHTS

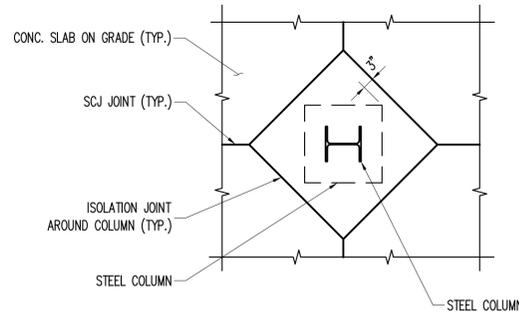


- NOTES:**
1. JOINTS MUST BE CUT WITHIN 12 HOURS AFTER PLACEMENT OF CONCRETE.
 2. SAW CUT JOINTS SHALL BE LOCATED AT COLUMN CENTERLINES. PROVIDE ADDITIONAL SAW CUT JOINTS AS REQUIRED THAT SPACING DOES NOT EXCEED 36 x 'l'.
 3. CONTRACTOR TO PROVIDE JOINT LAYOUT DRAWING FOR REVIEW AND APPROVAL BY THE ARCHITECT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

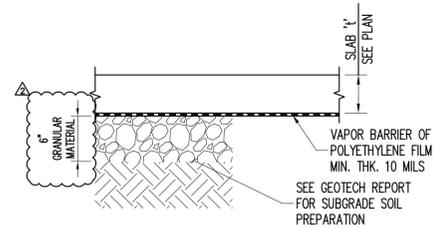
SAW CUT JOINT (S.C.J.)

CONSTRUCTION JOINT (C.J.)

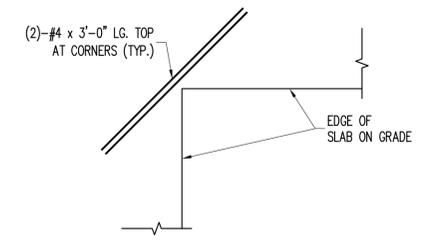
A TYP. SLAB ON GRADE JOINT DETAIL
4.04.502 N.T.S.



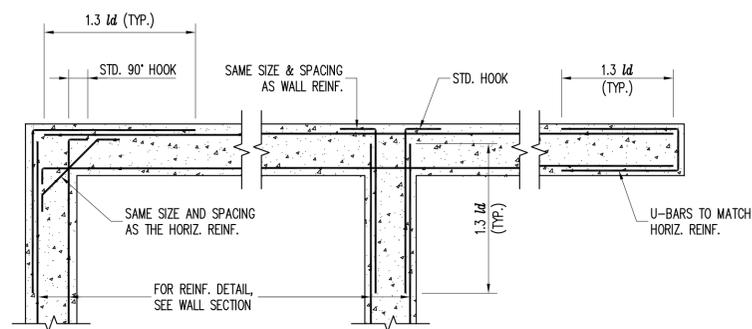
B TYP. SLAB JOINTS AROUND COLUMN
4.04.502 N.T.S.



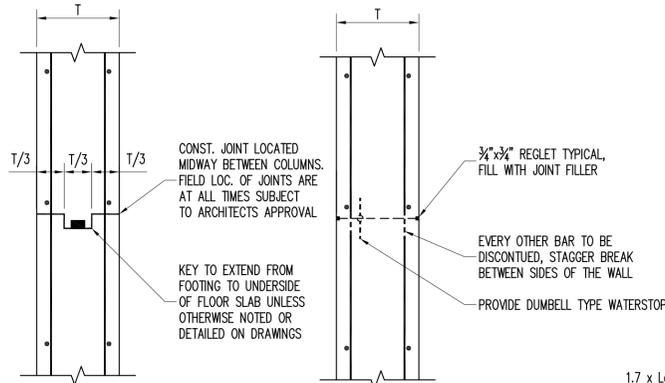
C TYP. SLAB ON GRADE JOINT DETAIL
4.04.502 N.T.S.



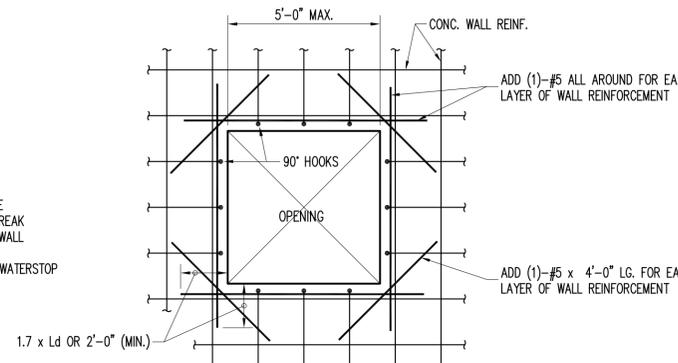
D TYPICAL REINFORCING AT RE-ENTRANT CORNERS
4.04.502 N.T.S.



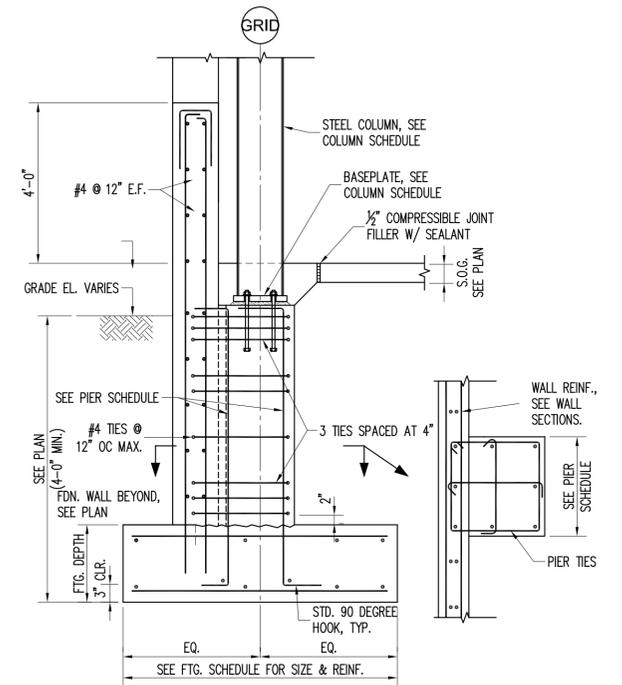
E TYPICAL WALL INTERSECTION DETAIL
4.04.502 N.T.S.



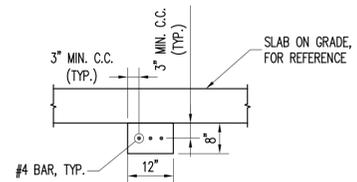
F TYPICAL WALL JOINT DETAILS
4.04.502 N.T.S.



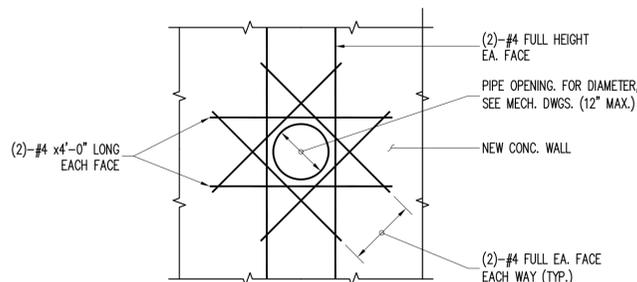
G TYPICAL WALL OPENING REINFORCEMENT
4.04.502 N.T.S.



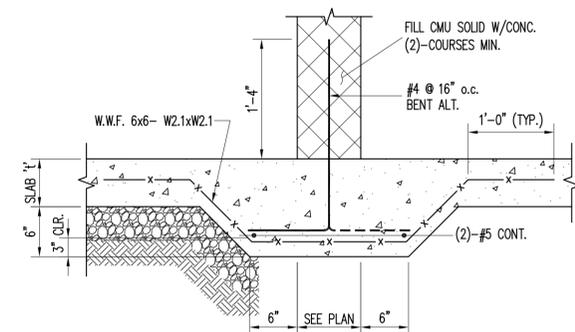
H TYP. EXTERIOR FOOTING WITH HIGH WALL DETAIL
4.04.502 N.T.S.



J TYPICAL GRADE BEAM SECTION
4.04.502 N.T.S.



K TYPICAL SLEEVE THROUGH WALL
4.04.502 N.T.S.



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

FILE NAME: P:\Proj\130\130439\10_Dwg\CADD\01_Structural Set\4.04.501 BUILDING 4 DETAILS.dwg PLOT TIME: Wed, 11 Dec 2019 - 4:07pm LAST SAVE: Tue, 10 Dec 2019 - 4:09pm BY: dthorby

WARNING - IT IS A VIOLATION OF NEW YORK STATE EDUCATIONAL LAW, SECTION 2209.2 FOR ANY PERSON UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATIONAL LAW, SECTION 2209.2

COPYRIGHT © 2019, McLAREN ENGINEERING GROUP

STV Architects, P.C.
225 Park Avenue South
New York, NY 10003
(212) 777-4400 FAX: (212) 473-2780
www.stvinc.com

OLA Consulting Engineers
80 Broadway, Hawthorne,
New York 10888
914.747.8800
12 East 49th Street, 11th Flr.
New York, NY 10017
946.948.1110
ola.com

Gannett Fleming

IQ
Imbiano-Quigley
Landscape Architects
31 Montross Ave., 7th Floor
White Plains, New York 10601
admin@iqlandscape.com
(914) 232-4000

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
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

ADDENDUM#14

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

ISSUED FOR
BID SET
DRAWING NO.
4.04.502
OF SHTS

FILE NAME: \\pvedad01\Projects\Proj1301\30429\10_Dwg\CA00\01_Structural\Set\5.04.501_Building 5_Foundation_Details.dwg PLOT TIME: Tue, 10 Dec 2019 - 4:11pm LAST SAVE: Fri, 22 Nov 2019 - 10:52am BY: dthoury

WARNING - IT IS A VIOLATION OF NEW YORK STATE EDUCATIONAL LAW, SECTION 7209.2 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATIONAL LAW, SECTION 7209.2

COPYRIGHT © 2019, McLAREN ENGINEERING GROUP

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
 80 Broadway, Hawthorne,
 New York 10522
 914.747.8800
 12 East 49th Street, 11th Fl.
 New York, NY 10017
 914.348.1110
 ola.com

FACILITIES CONSULTANT
Gannett Fleming

LANDSCAPE ARCHITECT
IQ
 Imbiano-Quigley
 Landscape Architects
 31 Montross Ave., 7th Floor
 White Plains, New York 10601
 admin@iqlandscape.com
 (914) 232-6200

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.mgmlaren.com

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

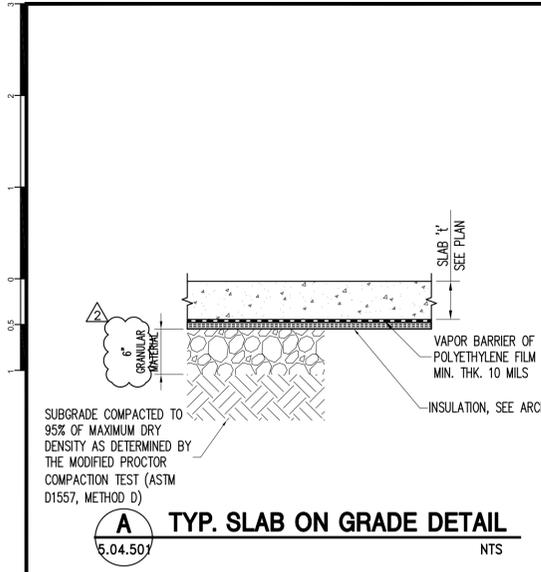
SHEET NAME
BUILDING 5 - STRUCTURAL
TYPICAL FOUNDATION
SECTIONS - 1

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

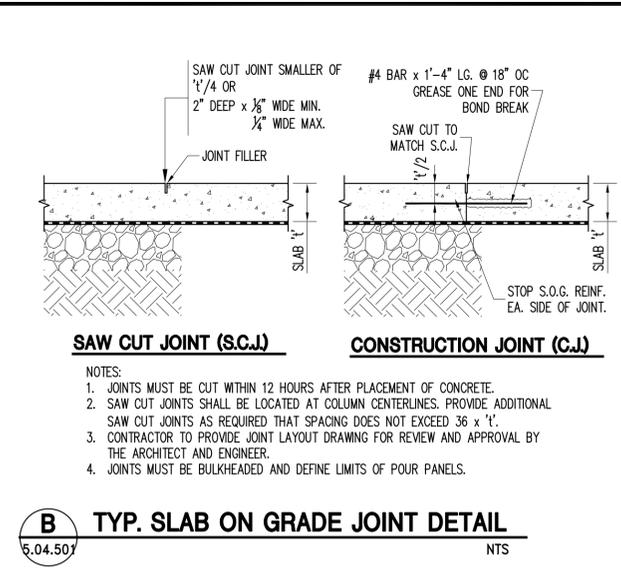
ISSUED FOR
BID SET

DRAWING NO.
5.04.501

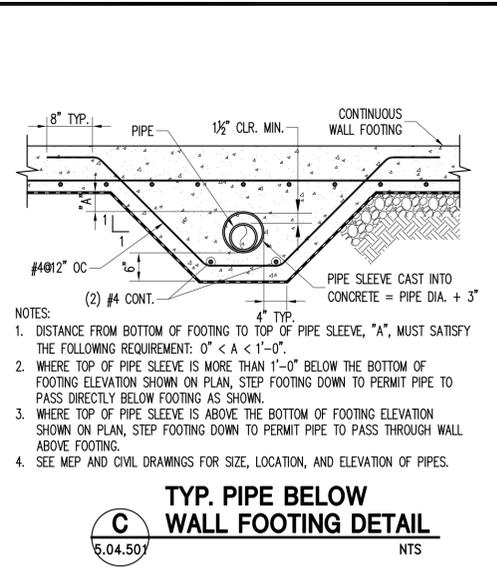
OF SHTS



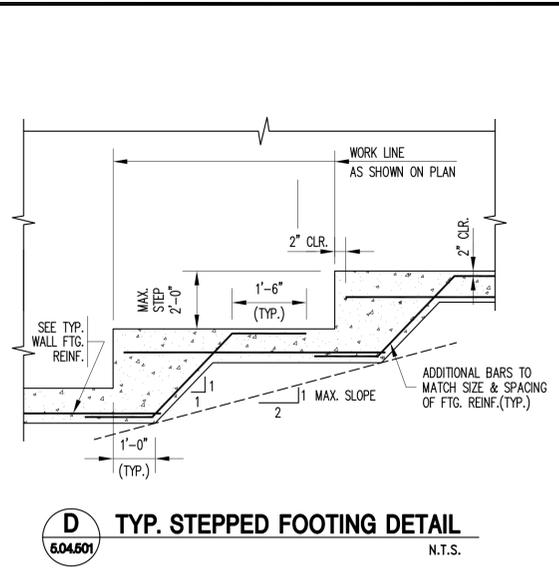
A TYP. SLAB ON GRADE DETAIL
 5.04.501 NTS



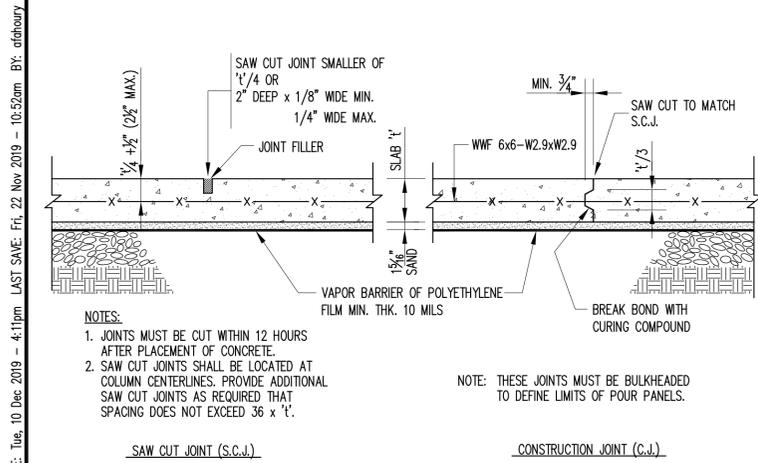
B TYP. SLAB ON GRADE JOINT DETAIL
 5.04.501 NTS



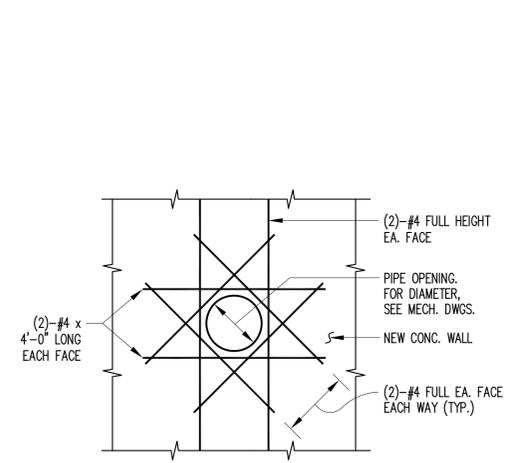
C TYP. PIPE BELOW WALL FOOTING DETAIL
 5.04.501 NTS



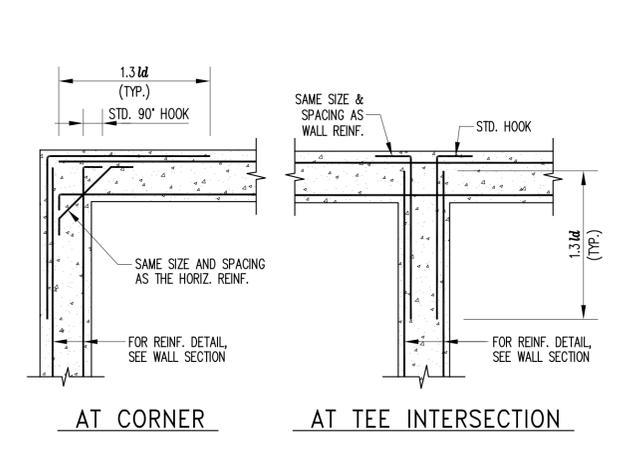
D TYP. STEPPED FOOTING DETAIL
 5.04.501 N.T.S.



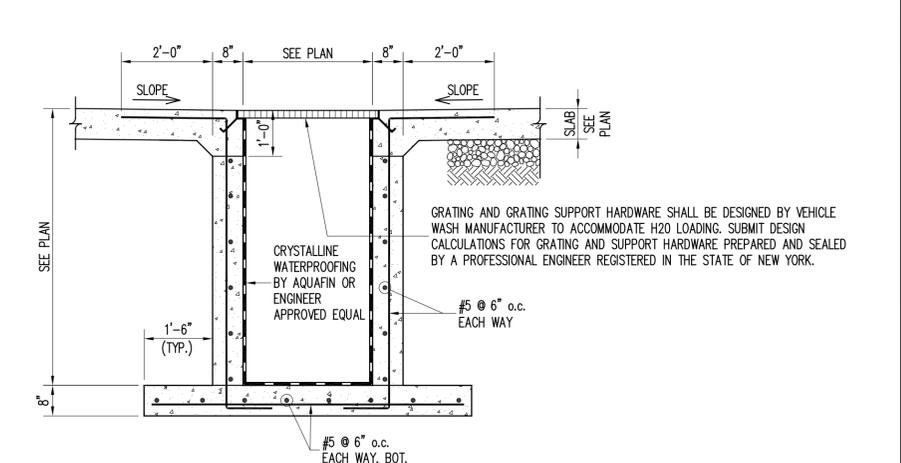
E TYP. CONCRETE SLAB JOINT DETAIL
 5.04.501 N.T.S.



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

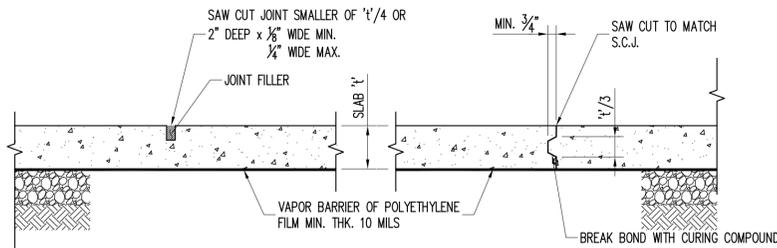


G TYP. WALL INTERSECTION DETAIL
 5.04.501 N.T.S.



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

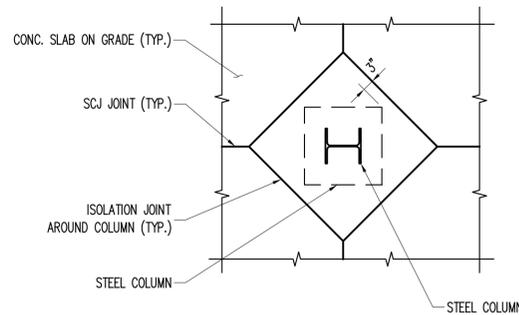
NOTES:
 1. EACH SIDE OF TRENCH SECTION SHALL BE BACKFILLED SIMULTANEOUSLY.
 2. REFER TO D/5.04.502 FOR TYPICAL BAFFLE WALL DETAIL. LOCATION OF BAFFLE WALLS PER WASH SYSTEM MANUFACTURER.



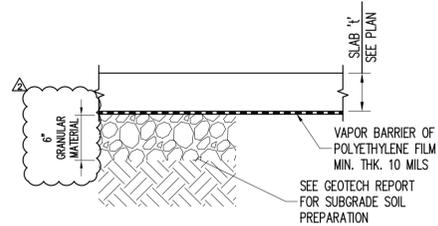
- NOTES:**
1. JOINTS MUST BE CUT WITHIN 12 HOURS AFTER PLACEMENT OF CONCRETE.
 2. SAW CUT JOINTS SHALL BE LOCATED AT COLUMN CENTERLINES. PROVIDE ADDITIONAL SAW CUT JOINTS AS REQUIRED THAT SPACING DOES NOT EXCEED 36 x 'L'.
 3. CONTRACTOR TO PROVIDE JOINT LAYOUT DRAWING FOR REVIEW AND APPROVAL BY THE ARCHITECT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

SAW CUT JOINT (S.C.J.)

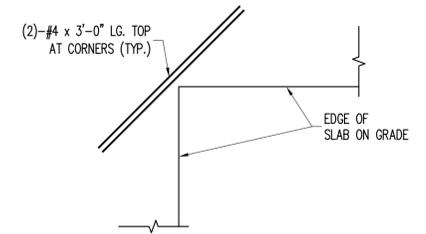
CONSTRUCTION JOINT (C.J.)



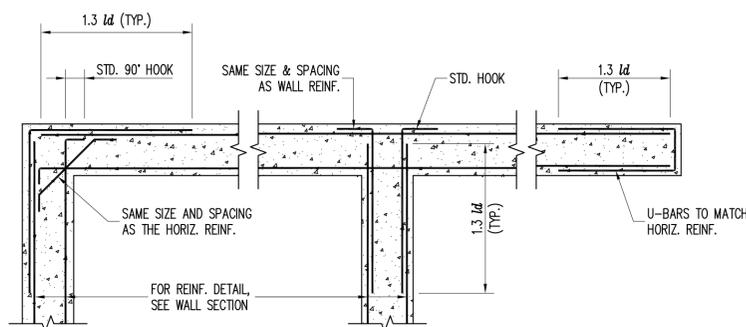
B TYP. SLAB JOINTS AROUND COLUMN
8.04.502 N.T.S.



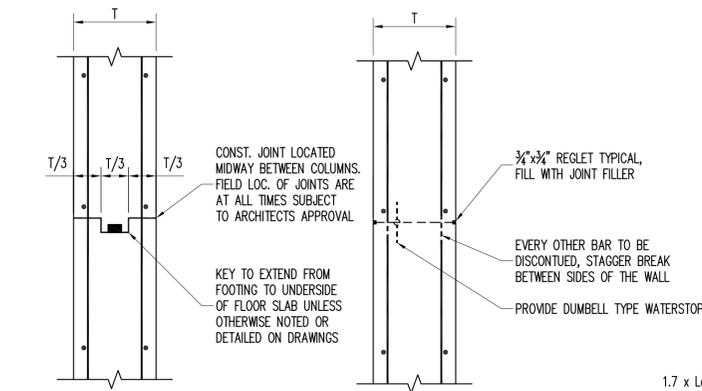
C TYP. SLAB ON GRADE DETAIL
8.04.502 N.T.S.



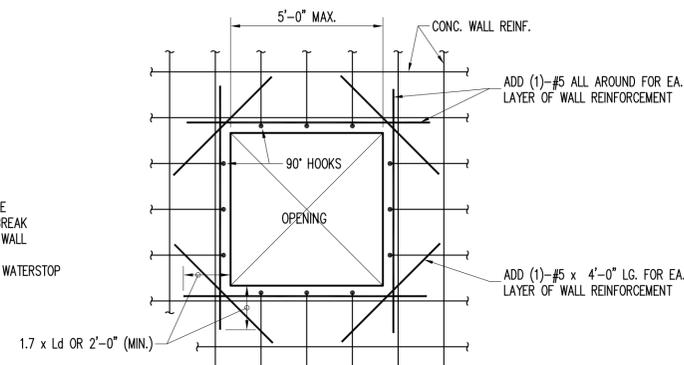
D TYPICAL REINFORCING AT RE-ENTRANT CORNERS
8.04.502 N.T.S.



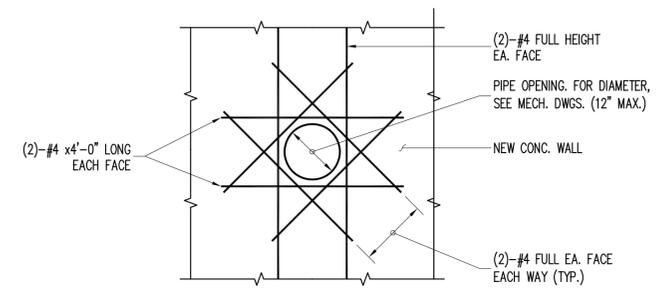
E TYPICAL WALL INTERSECTION DETAIL
8.04.502 N.T.S.



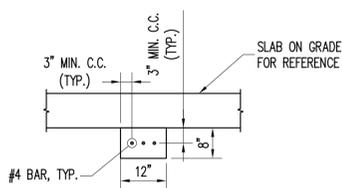
F TYPICAL WALL JOINT DETAILS
8.04.502 N.T.S.



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



H TYPICAL SLEEVE THROUGH WALL
8.04.502 N.T.S.



J TYPICAL GRADE BEAM SECTION
8.04.502 N.T.S.

WARNING - IT IS A VIOLATION OF NEW YORK STATE EDUCATIONAL LAW, SECTION 7209.2 FOR ANY PERSON UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATIONAL LAW, SECTION 7209.2

COPYRIGHT © 2019, McLAREN ENGINEERING GROUP

STV Architects, P.C.
225 Park Avenue South
New York, NY 10003
(212) 777-4400 FAX: (212) 473-2780
www.stvinc.com

OLA Consulting Engineers
80 Broadway, Hawthorne,
New York 10522
914.747.8800
12 East 49th Street, 11th Fl.
New York, NY 10017
949.348.4110
ola.com

Gannett Fleming

IQ
Imbiano-Quigley
Landscape Architects
31 Monmouth Ave., 7th Floor
White Plains, New York 10601
admin@iqlandscape.com
(914) 232-6090

**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.mgmlaren.com

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

**BUILDING 8 - STRUCTURAL
SECTIONS & DETAILS - 2**

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. **8.04.502**
OF SHS

FILE NAME: \\vreda01\Projects\Proj301\30429\10_Dwgs\CADD\01_Structural Set\8.04.501 BUILDING 8 DETAILS.dwg PLOT TIME: Tue, 10 Dec 2019 - 4:12pm LAST SAVE: Tue, 10 Dec 2019 - 4:12pm BY: aforbany