

S0.1

PROJECT

MAYO EMPLOYEES
FEDERAL CREDIT UNION

NEW BUILDING

605 WEST AVE S.
LA CROSSE, WI

ISSUED SET 3/27/2026

REVISIONS

DATE NO



3/27/2026

ISS PA INNOVATIVE
S S STRUCTURAL
S SSI SOLUTIONS, P.A.
5279 Kyler Avenue NE Albertville MN 55301
Phone: 763.425.9960 ■ www.isseng.com

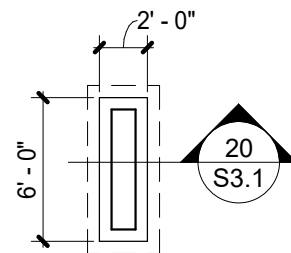
FOUNDATION PLAN

Drawn By: JMW

Checked By: BRP

S1.1

SEE ARCHICIVIL FOR
EXACT LOCATION ON
SITE



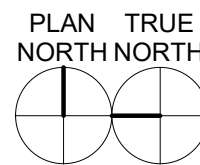
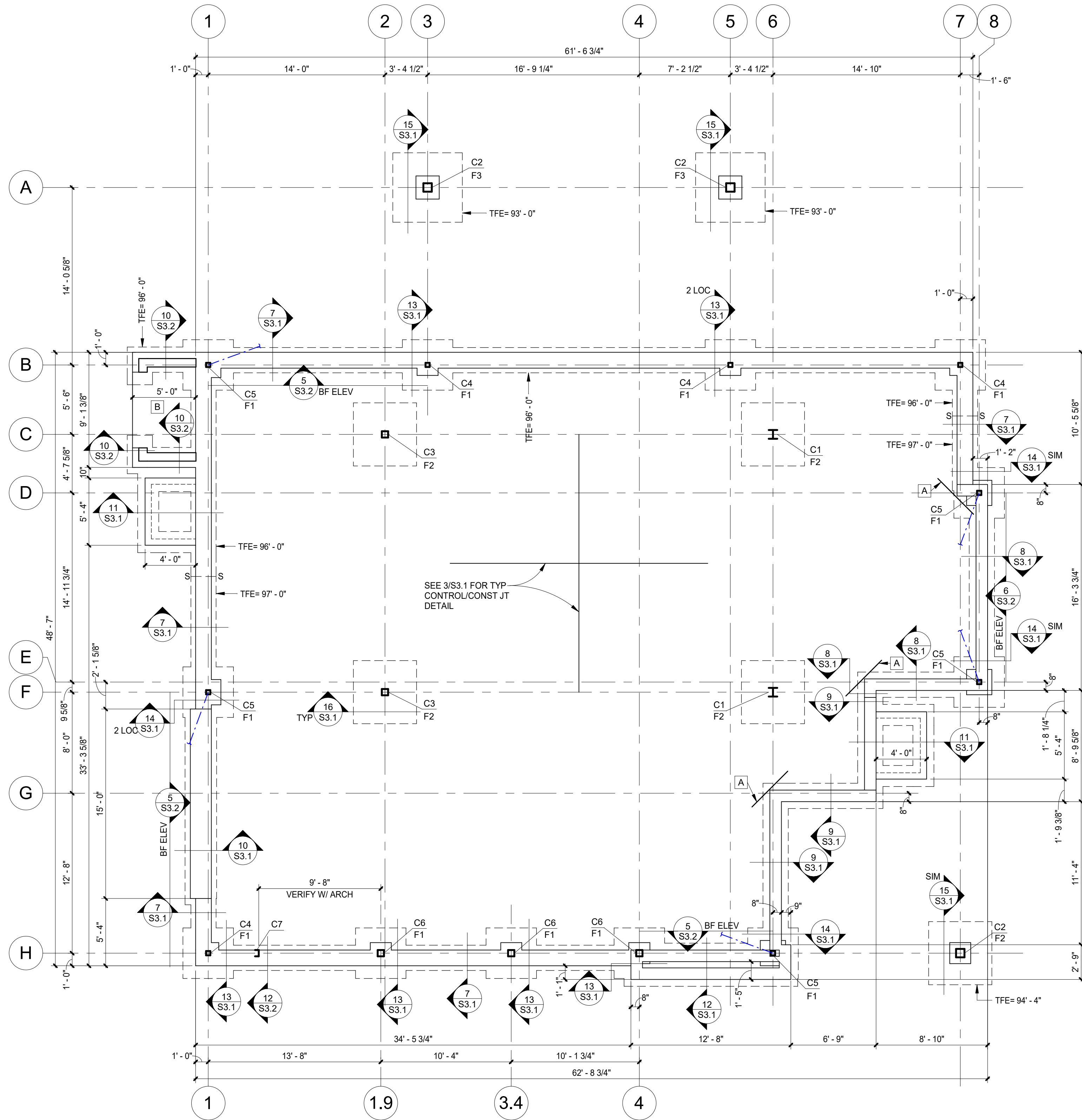
2 MONUMENT SIGN FOUNDATION PLAN
S1.1 1/8" = 1'-0"

FOUNDATION PLAN NOTES:

1. VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
2. SEE ARCH DRAWINGS FOR SIZE AND LOCATION OF ALL WALL OPENINGS.
3. FLOOR SLAB SHALL BE 4" MINIMUM CONCRETE SLAB ON GRADE WITH 6X6-W1.4XW1.4 WWF. FINISHED FLOOR ELEVATION (FFE) = 100'-0". VERIFY ALL DEPRESSED AND SLOPED SLABS WITH ARCH DRAWINGS AND MECH/ELEC CONTRACTORS.
4. ALL CONTINUOUS WALL FOOTINGS SHALL BE 2'-0"W X 1'-0"D WITH (2) #5 CONTINUOUS BOTTOM UNO.
5. TOP OF EXTERIOR FOOTING ELEVATION (TFE) = 97'-0" UNO.
6. TOP OF INTERIOR FOOTING ELEVATION (TFE) = 99'-0" UNO.
7. S---S ON PLAN DENOTES STEPPED FOOTING. SEE SECTION 1/S3.1.
8. SEE DETAIL 2/S3.1 FOR DROPPED FOOTING AT ALL UNDERGROUND MECHANICAL LINES ENTERING BUILDING.
9. SEE DETAILS 4/S3.1, 5/S3.1 AND 6/S3.1 FOR TYPICAL FOUNDATION WALL JOINTS AND CORNER REINFORCING.
10. "CX" ON PLAN DENOTES STEEL COLUMN SIZE. SEE STEEL COLUMN SCHEDULE ON THIS SHEET.
11. "FX" ON PLAN DENOTES FOOTING SIZE. SEE FOOTING SCHEDULE ON THIS SHEET.
12. SEE SECTIONS AND DETAILS FOR SIZE OF CAST-IN-PLACE CONCRETE FOUNDATION WALLS. SEE GENERAL NOTES FOR REINFORCING REQUIREMENTS.
13. EXTEND ALL FOOTINGS MINIMUM 1'-0" BEYOND END OF FOUNDATION WALLS UNO.

FOUNDATION KEYNOTES:

- [A] PROVIDE (2) #4 X 4'-0" DIAGONAL BARS IN SLAB ON GRADE AT INSIDE CORNERS.
- [B] 6" MINIMUM CONCRETE SLAB ON GRADE WITH #4 @ 12" O.C. EACH WAY CENTERED. SEE ARCH FOR TOP OF SLAB ELEVATION (TSE) AND SLOPES.



1 FOUNDATION PLAN
S1.1 3/16" = 1'-0"

STEEL COLUMN SCHEDULE			
MARK	TYPE	BASE PLATE	REMARKS
C1	W8X40	3/4"X14"X14"	
C2	HS8X8X1/4	1"X16"X16"	
C3	HS8X6X3/8	3/4"X12"X12"	
C4	HS4X4X1/4	3/4"X10"X10"	
C5	HS4X4X1/4	3/4"X12"X12"	
C6	HS6X6X1/4	3/4"X12"X12"	
C7	MC6X15.3	1/2"X6"X6"	

FOOTING SCHEDULE			
MARK	SIZE	BOT REINF EW	REMARKS
F1	4'-0"X4'-0"X12"	(5) #5	
F2	5'-0"X5'-0"X12"	(6) #5	
F3	5'-6"X5'-6"X12"	(6) #5	

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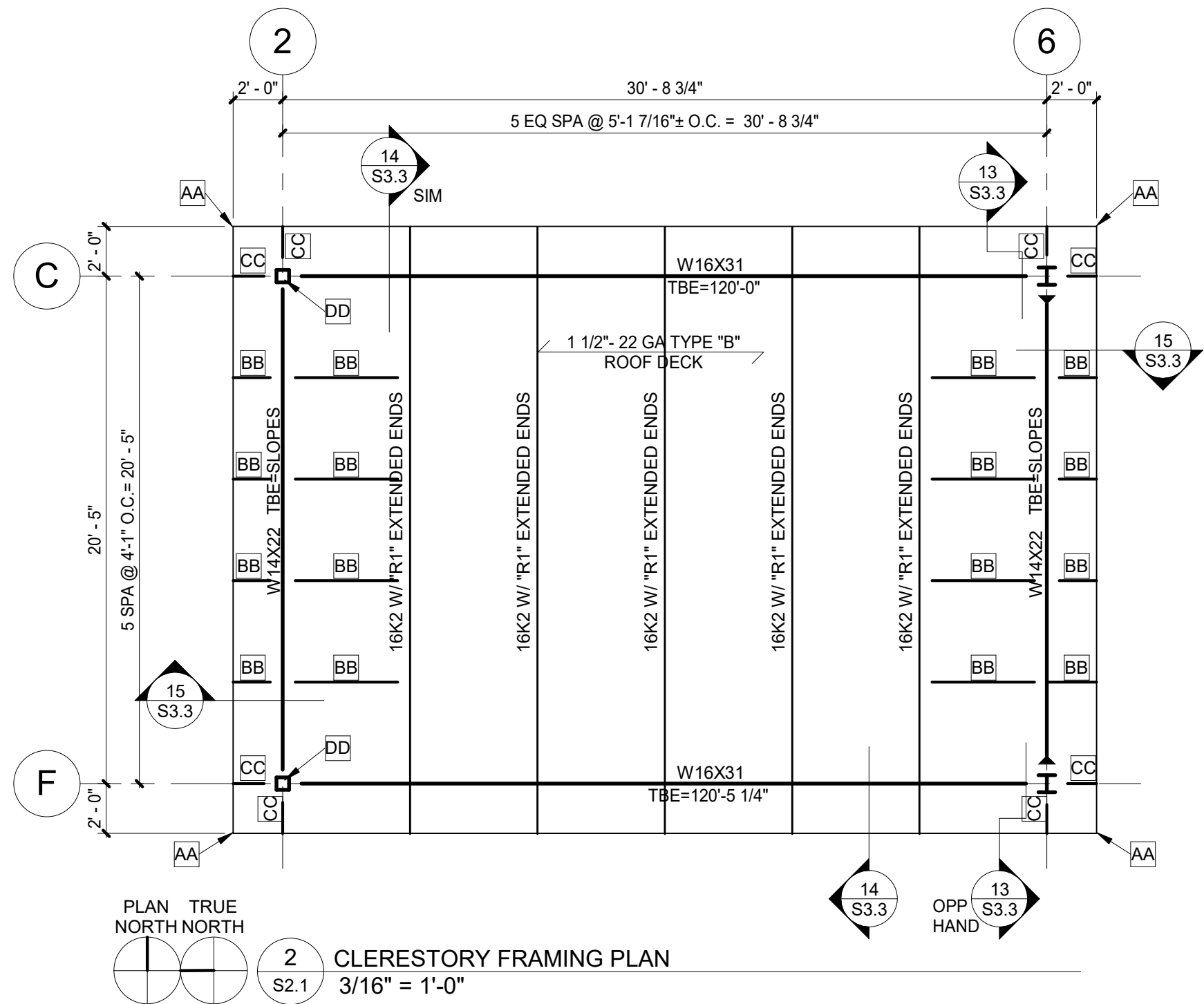
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ROOF FRAMING PLAN

Drawn By: JMW

Checked By: BRP

S2.1

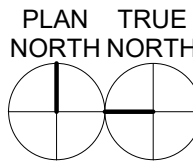
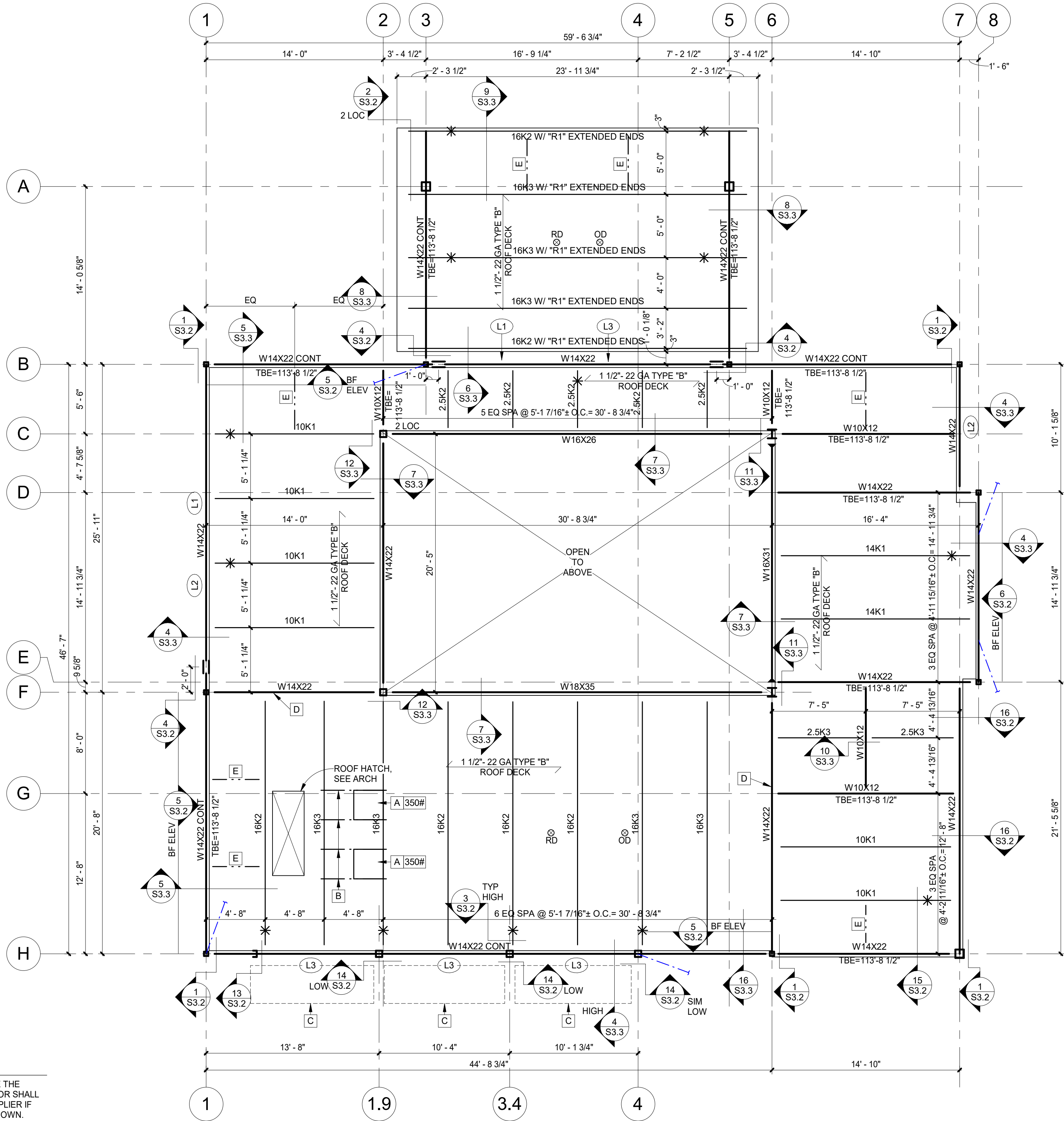


ROOF FRAMING PLAN NOTES:

- SEE FOUNDATION PLAN FOR COLUMN SCHEDULE.
- VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
- TOP OF BEAM ELEVATION (TBE) = 113'-6" UNO ON PLAN OR IN SECTIONS.
- SEE DETAIL 1/S3.3 FOR HANGER REQUIREMENTS AT STEEL JOISTS.
- SEE DETAIL 2/S3.3 FOR ROOF OPENING SUPPORT FRAME DETAIL AT ROOF OPENINGS (INCLUDING ROOF HATCHES, DRAINS AND MECHANICAL OPENINGS (MO)).
- SEE DETAIL 3/S3.3 FOR MECHANICAL UNIT SUPPORT DETAIL.
- ON PLAN DENOTES JOIST BOTTOM CHORD ANGLE EXTENSION TO BEAM BOTTOM FLANGE. SEE 10/S3.3. JOIST SUPPLIER SHALL CHECK JOIST BOTTOM CHORD FOR 2K AXIAL FORCE.
- DESIGN ROOF JOISTS FOR A NET SERVICE UPLIFT OF 10 PSF.
- ON PLAN DENOTES ROOF DECK FASTENING. SEE ROOF DECK FASTENING SCHEDULE ON THIS SHEET.
- ROOF DECK FASTENING SHALL BE (DF1) UNO ON PLAN.
- ON PLAN DENOTES LINTEL. SEE LINTEL SCHEDULE ON THIS SHEET.

ROOF FRAMING KEYNOTES:

- A MECHANICAL UNIT WEIGHTS AND SIZES SHOWN ON PLAN INDICATE THE MAXIMUM WEIGHT AND SIZE PERMITTED. MECHANICAL CONTRACTOR SHALL NOTIFY ENGINEER OF RECORD AND COORDINATE WITH JOIST SUPPLIER IF ANY UNIT WEIGHTS, SIZES OR LOCATIONS DIFFER FROM THOSE SHOWN.
- B MECHANICAL UNIT SUPPORT CHANNEL. SEE 3/S3.3.
- C SUNSHADE AND CONNECTION TO STRUCTURAL STEEL FRAMING BY OTHERS, SEE ARCH.
- D AT DECK DIRECTION TRANSITION, PROVIDE CONTINUOUS WT3X4.5, FIELD WELD TO ROOF JOISTS WITH 3/16" FILLET WELDS EACH SIDE. PROVIDE HSS2 1/2X2 1/2X3/16 X 5" SHIMS AS REQUIRED TO SUPPORT ENDS OF WT3X4.5.
- E ANGLE KICKERS, SEE SECTIONS.



ROOF FRAMING PLAN

3/16" = 1'-0"

LINTEL SCHEDULE			
MARK	REFERENCE	MEMBER	REMARKS
L1	---	L4X4X3/8	
L2	---	L7X4X3/8 LLV	
L3	11/S3.2	L7X4X3/8 LLV + HSS8X2X3/16 LSV	

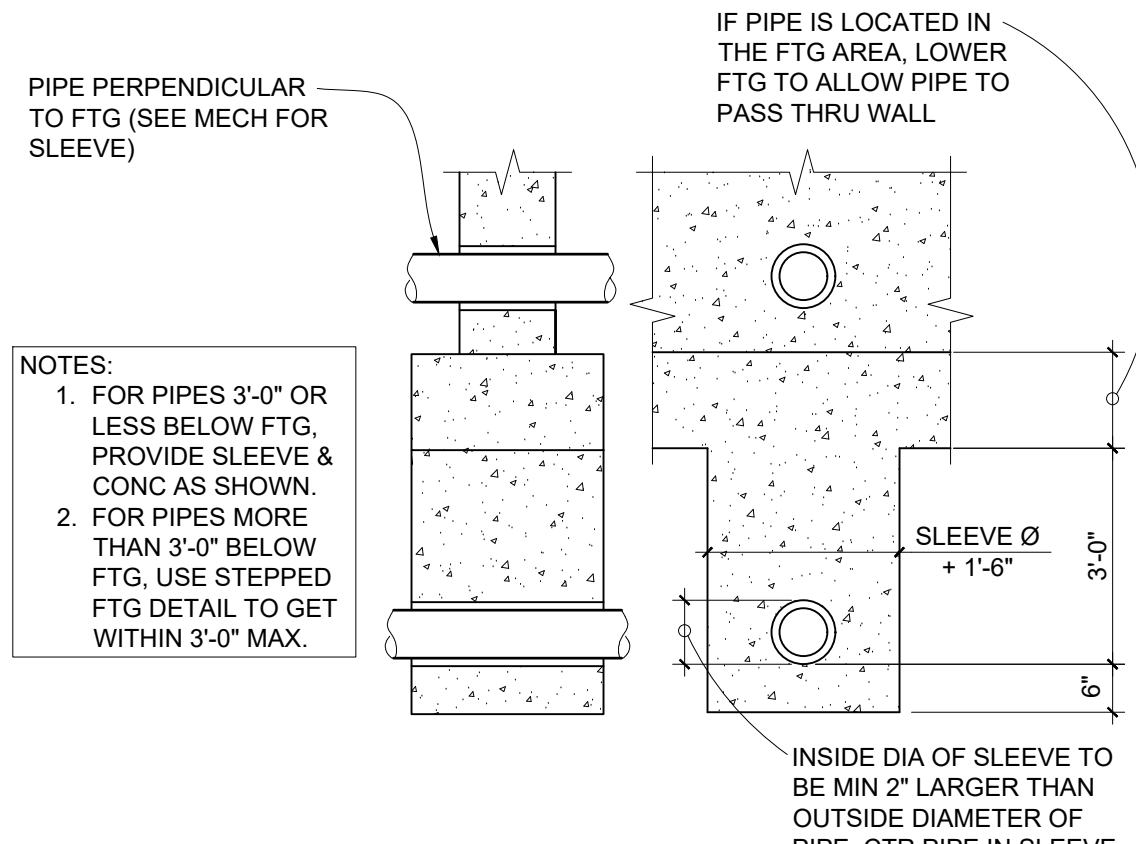
LINTEL SCHEDULE NOTES:

- VERIFY ALL SPANS OF OPENINGS AND WALL THICKNESSES WITH ARCH DRAWINGS. NOTIFY ARCHITECT/ENGINEER OF DEVIATIONS PRIOR TO FABRICATION AND ERECTION.
- LOOSE BRICK LINTELS SHALL BE HOT DIP GALVANIZED AND SHALL BEAR 6" MINIMUM AT EACH END OF OPENING.

ROOF DECK FASTENING SCHEDULE				
MARK	FASTENING OPTION	TYPICAL FASTENING	PERIMETER FASTENING	SIDLAP CONNECTION
(DF1)	WELDED OPTION	5/8"Ø PUDDLE WELDS W/ 3/64 PATTERN	5/8"Ø PUDDLE WELDS @ 6" O.C.	(1) #10 TEK SCREWS AT MID-SPAN BTWN SUPPORTS
	MECHANICAL FASTENER OPTION	HILTI PAF FASTENERS W/ 3/64 PATTERN (SEE NOTE #1)	HILTI PAF FASTENERS @ 6" O.C. (SEE NOTE #1)	(1) HILTI SLC SCREW AT MID-SPAN BTWN SUPPORTS (SEE NOTE #2)

ROOF DECK FASTENING SCHEDULE NOTES:

- HILTI PAF FASTENERS SHALL BE HILTI X-HSN 24. IF THE BASE STEEL THICKNESS IS GREATER THAN 3/8", USE ENP-19 FASTENERS IN LIEU OF X-HSN 24.
- HILTI SLC SCREWS SHALL BE S-SLC 01 M HWH OR S-SLC 02 M HWH SCREWS.



2 **DETAIL**
S3.1 WALL FTG @ UNDERGROUND LINES NO SCALE

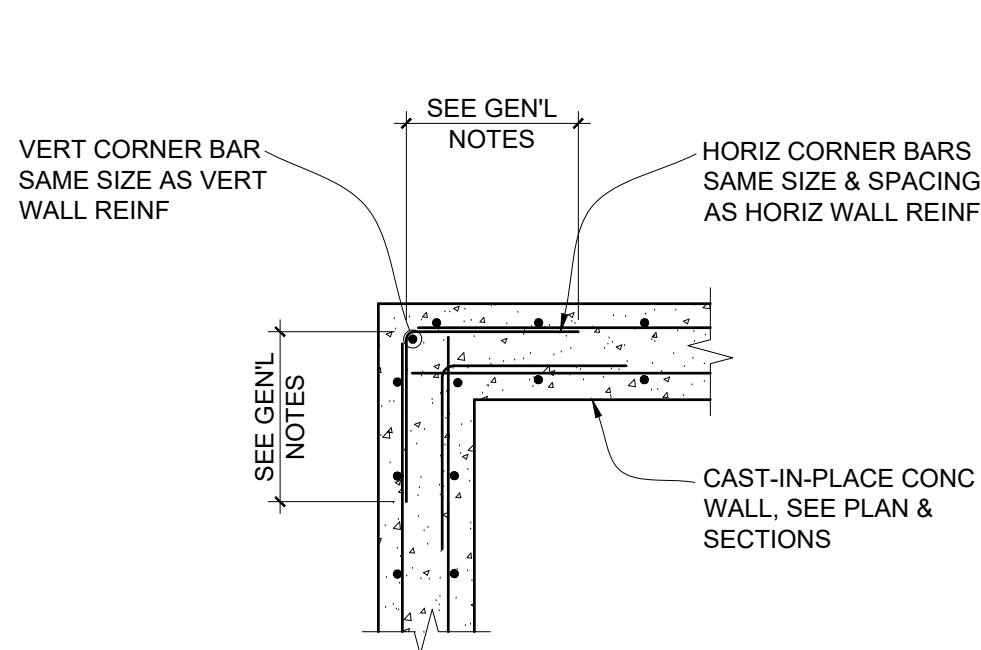
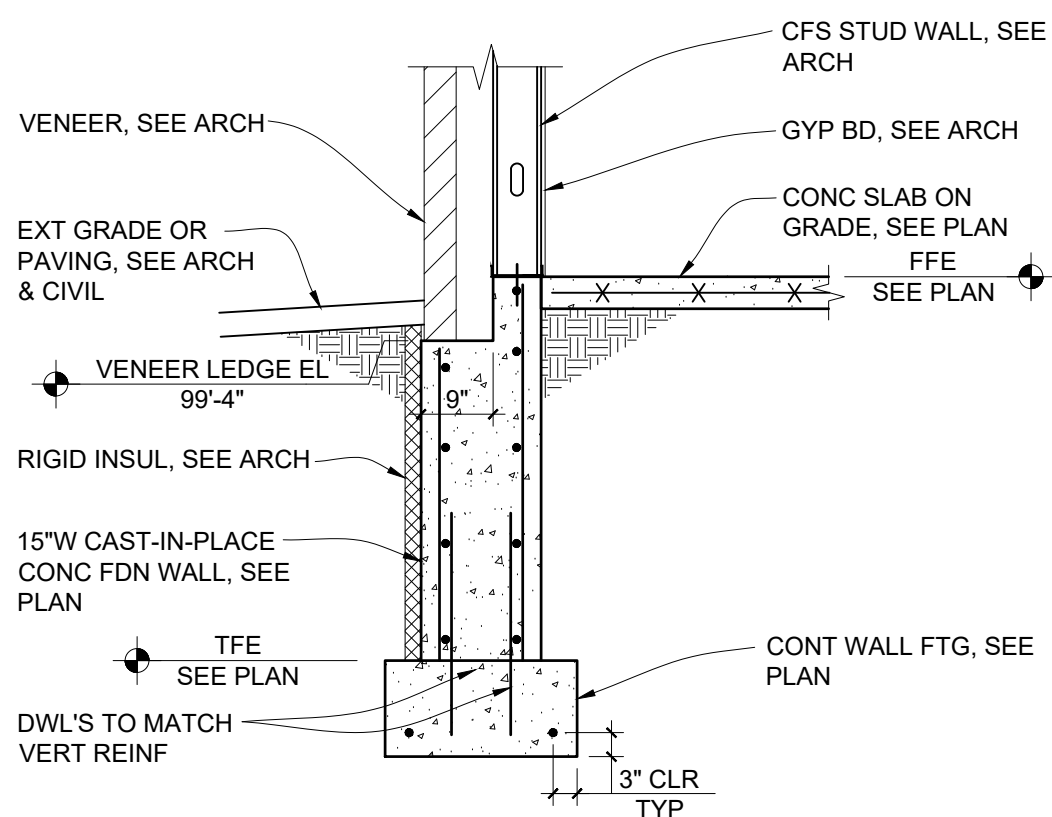


Diagram illustrating the reinforcement details for a horizontal wall corner joint. The diagram shows a cross-section of a wall with horizontal reinforcement bars and vertical corner bars. Key labels include:

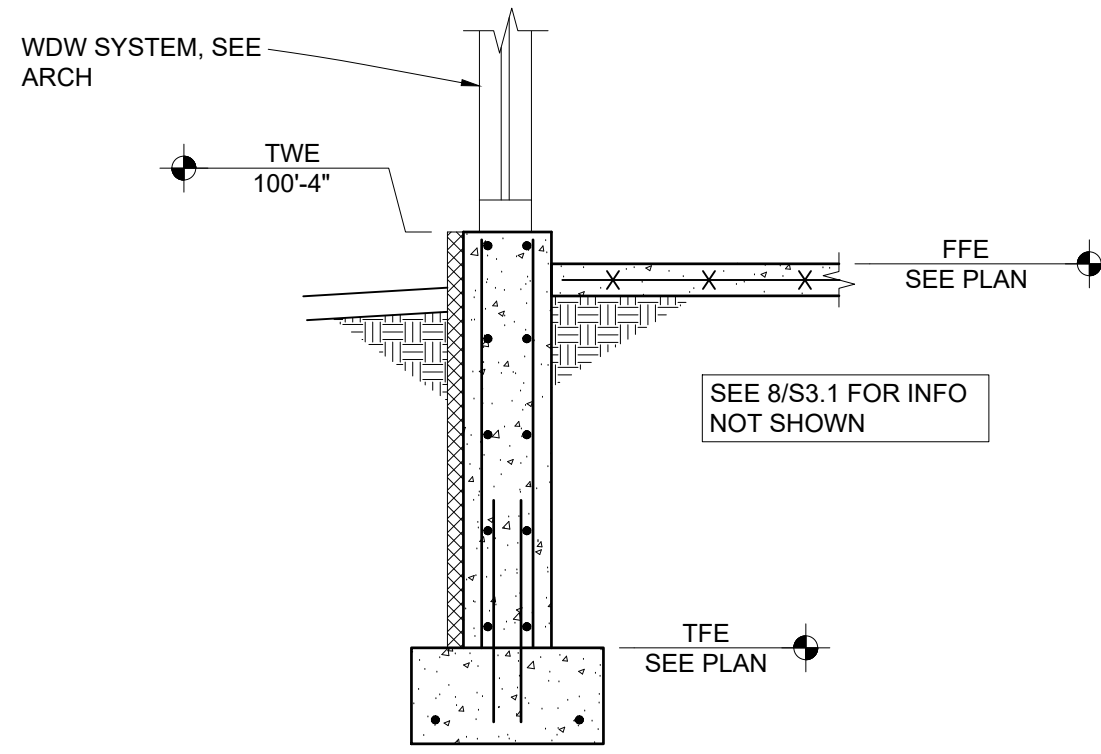
- SEE GEN'L NOTES
- CAST-IN-PLACE CONC WALL, SEE PLAN & SECTIONS
- HORIZ CORNER BARS : SAME SIZE & SPACING AS HORIZ WALL REINF (ALTERNATE LOCATION)
- CONST JT OPTIONAL

5 PLAN DETAIL
S3.1 TYP WALL INTERSECTION 1/2"=1'-0"

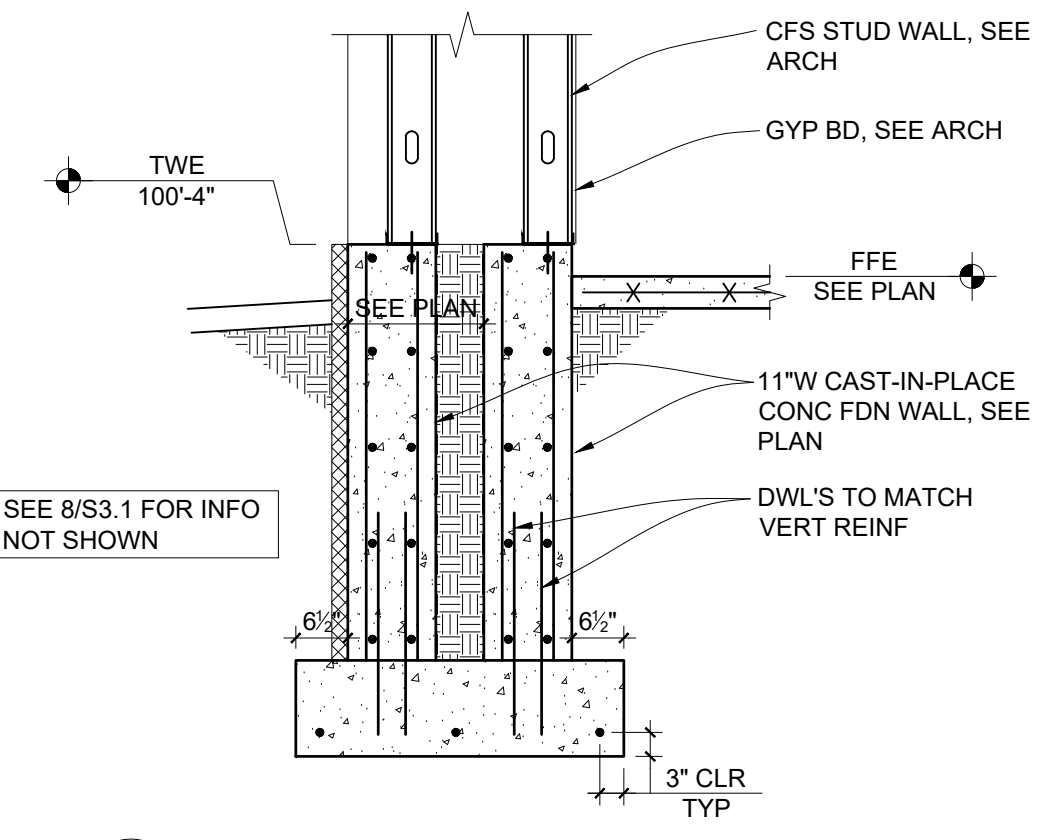


7 SECTION

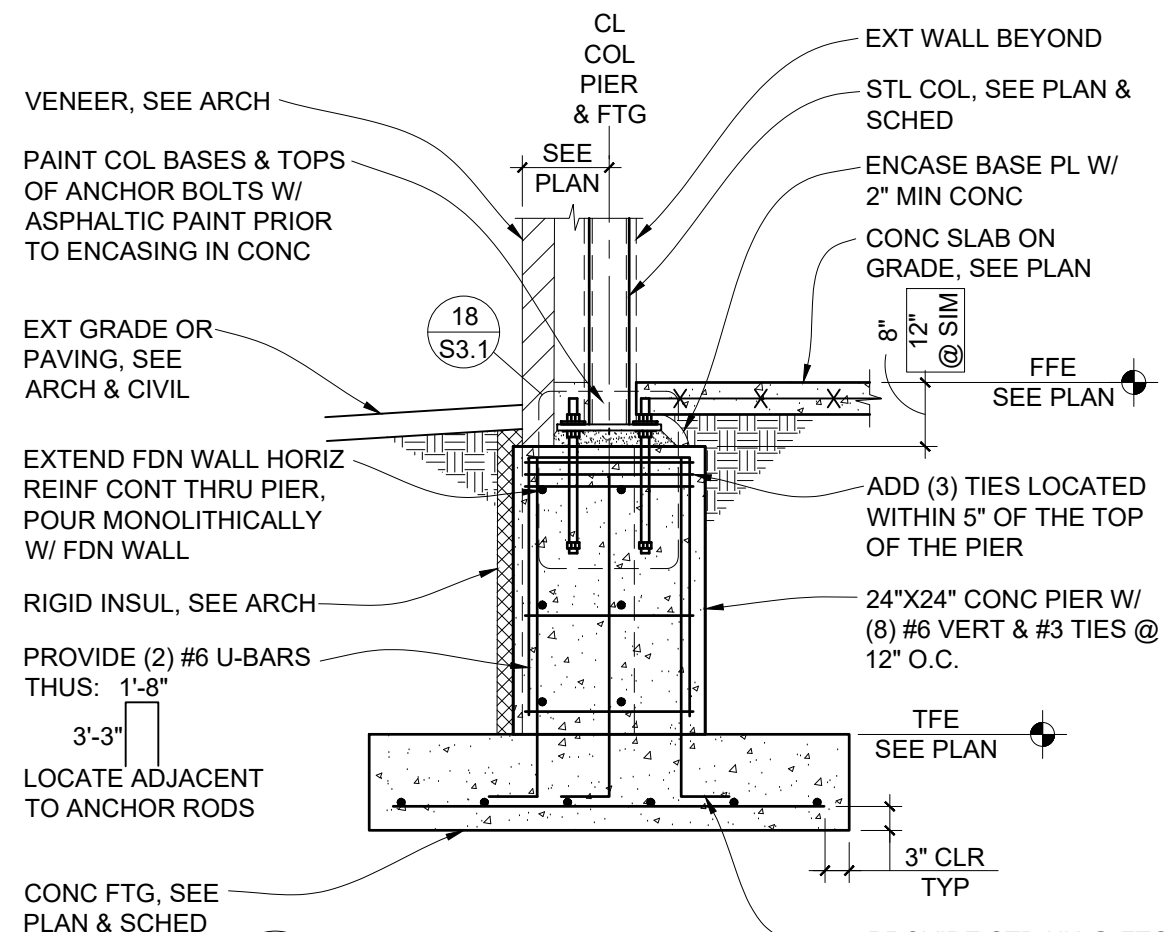
S3.1 TYP FDN WALL @ VENEER 1/2"=1'-0"



SECTION
FDN WALL @ DBL WALL 1/2"=1'-0"



12 SECTION
S3 1 TYP FDN WALL @ SIGN WALL 1/2"=1'-0"



STL COL. SEE PLAN & SCHED

PAINT COL BASES & TOPS OF ANCHOR BOLTS W/ ASPHALTIC PAINT

EXT GRADE OR PAVING, SEE ARCH & CIVIL (CONC ISLAND WHERE OCCURS) SEE CIVIL

PROVIDE CROSS TIES @ NON-CORNER BARS PER GEN'L NOTES

PROVIDE (2) #6 U-BARS THUS: 1'-6"

3'-3"

LOCATE ADJACENT TO ANCHOR RODS

TFE
✓ SEE PLAN

3" CLR TYP

CL COL PIER & FTG

SEE ARCH FOR EXT FINISHES

ADD (3) TYPE "T1" TIES LOCATED WITHIN 5" OF THE TOP OF THE PIER

EXT GRADE OR PAVING SEE ARCH & CIVIL (CONC ISLAND WHERE OCCURS) SEE CIVIL

T/O PIER EL. 99'-4" (VERIFY W/ ARCH & CIVIL)

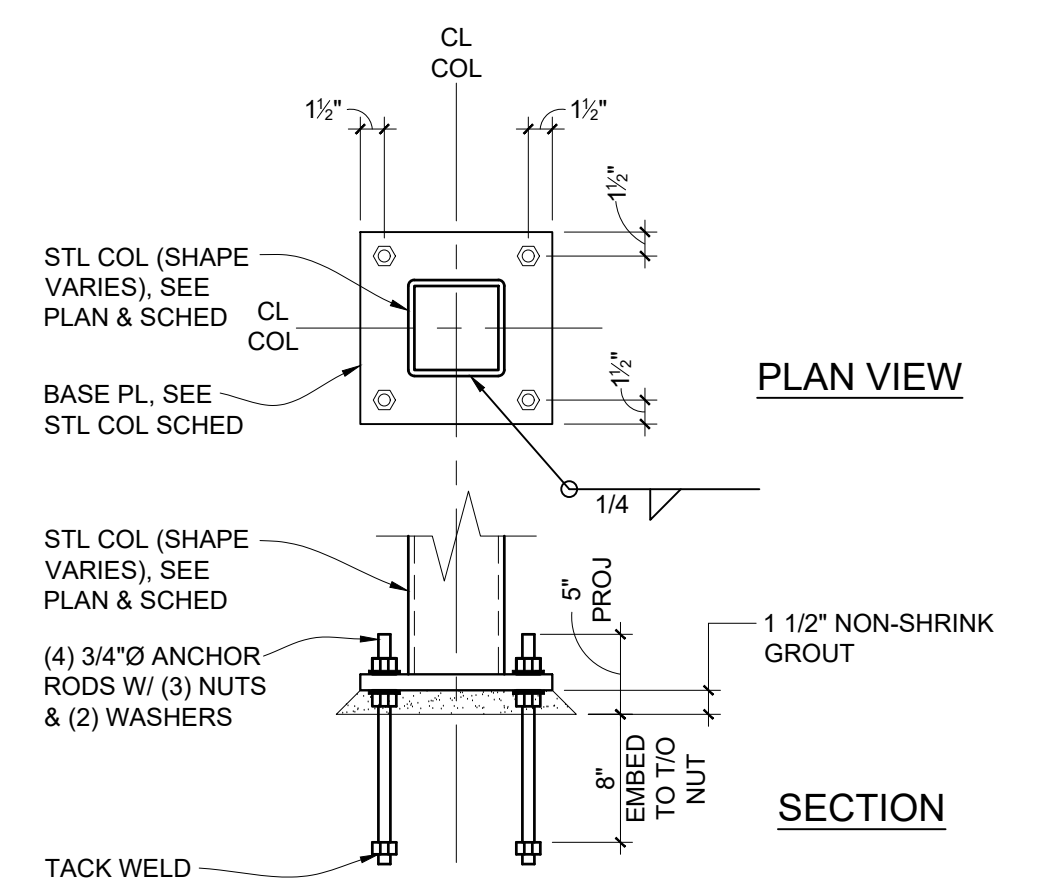
22"x22" CONC PIER W/ (8) #6 VERT & #3 TIES @ 12" O.C.

@ SIM: 24"x24" CONC PIER W/ (8) #6 VERT & #3 TIES @ 12" O.C.

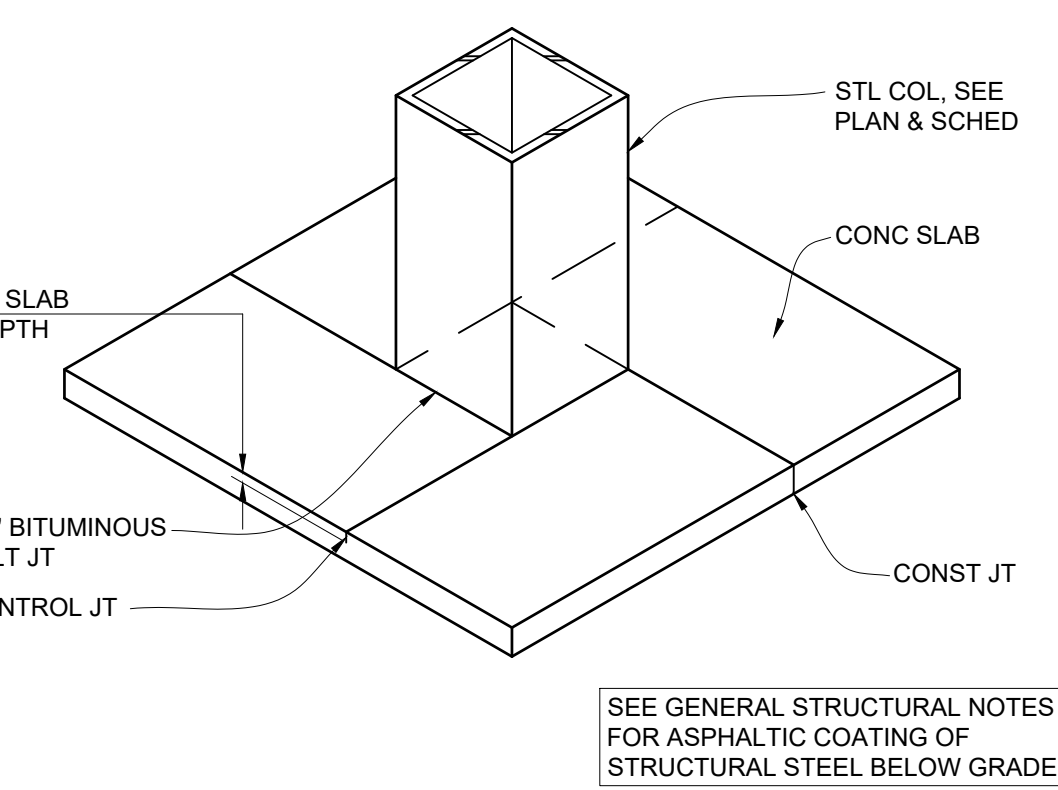
CONC FTG. SEE PLAN & SCHED

@ SIM 17 18 S3.1 S3.1

15 SECTION & SCHEDULE
S3.1 EXT. STL. COL., PIER & FTG 1/2"=1'-0"



17 **DETAIL**
S3.1 ANCHOR ROD SETTING 1"=1'-0"



SIGN BY OTHERS,
SEE ARCH

 VENEER, SEE ARCH

 EXT GRADE OR
PAVING, SEE
ARCH & CIVIL

 5'-0" MIN

 PROVIDE STD
HK @ FTG, TYP

 T/O SIGN EL
105'-0" MAX
(VERIFY W/ ARCH)

 TWE
102'-0"
(VERIFY W/ ARCH)

 #4 @ 12" O.C. EW EA
FACE

 LEDGE EL
VERIFY W/ ARCH & CIVIL

 #5 @ 12" O.C. HORIZ
EA FACE, TYP

 CAST-IN-PLACE
CONC FDN WALL

 CONT 3'-0"W X 1'-0"D
FTG W/ (3) #5 CONC BOT

20 SECTION
S3.1 MONUMENT SIGN FDN 1/2"=1'-0"



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605 WEST AVE S.
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REVISIONS

MICHAEL J.
VAN DE RIET

PROJ. MN. PER

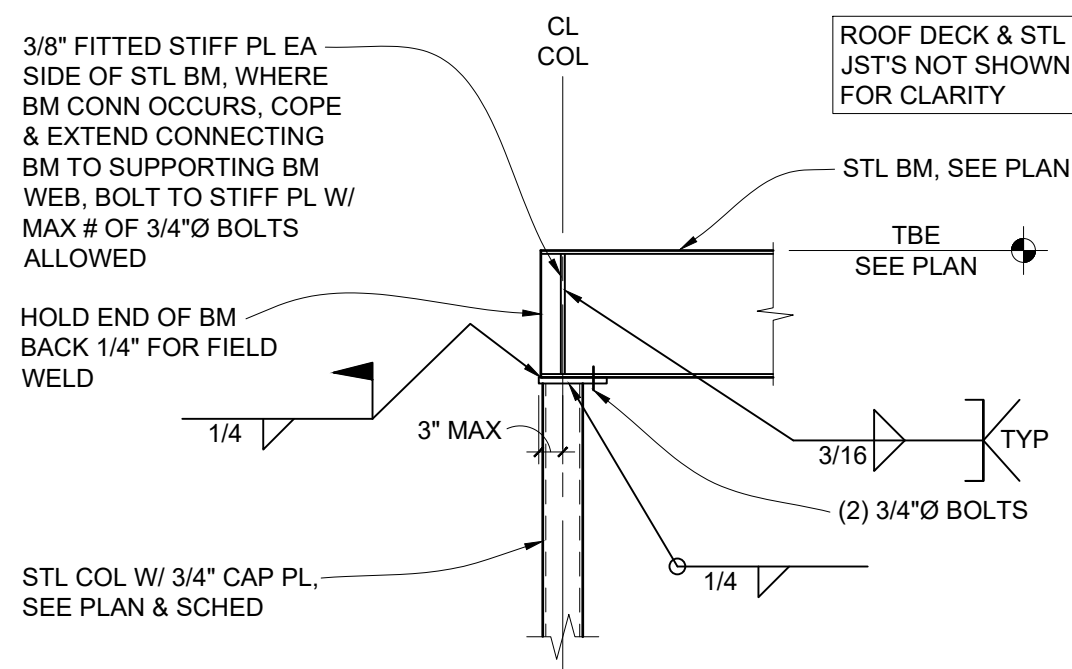
3/27/2026ISS  INNOVATIVESSi SOLUTIONS, P.A.

SECTIONS AND DETAILS

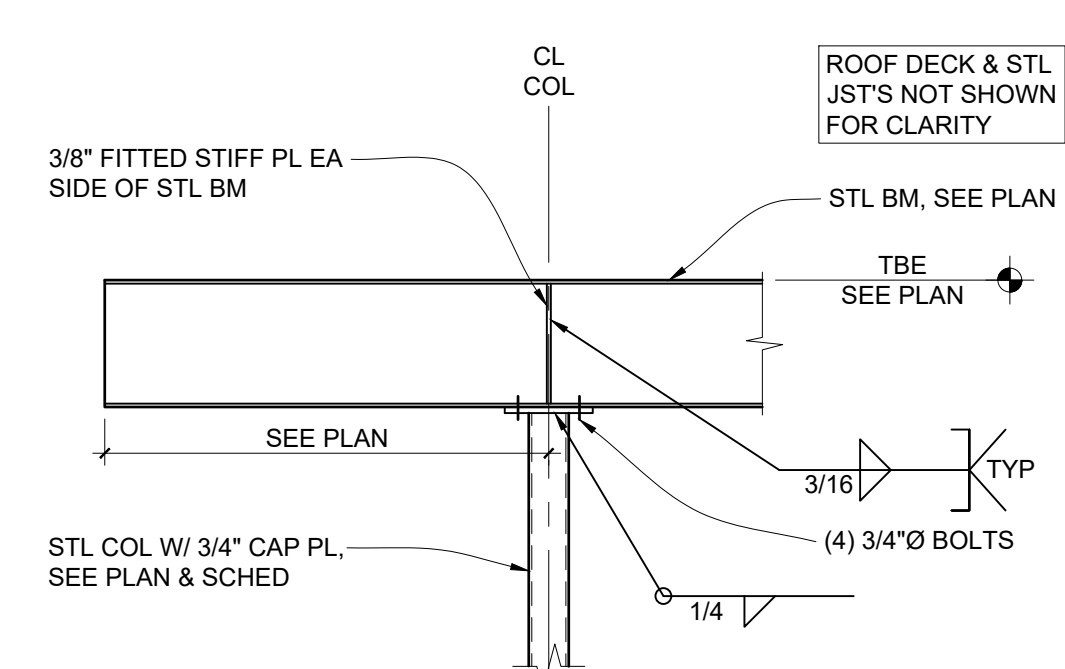
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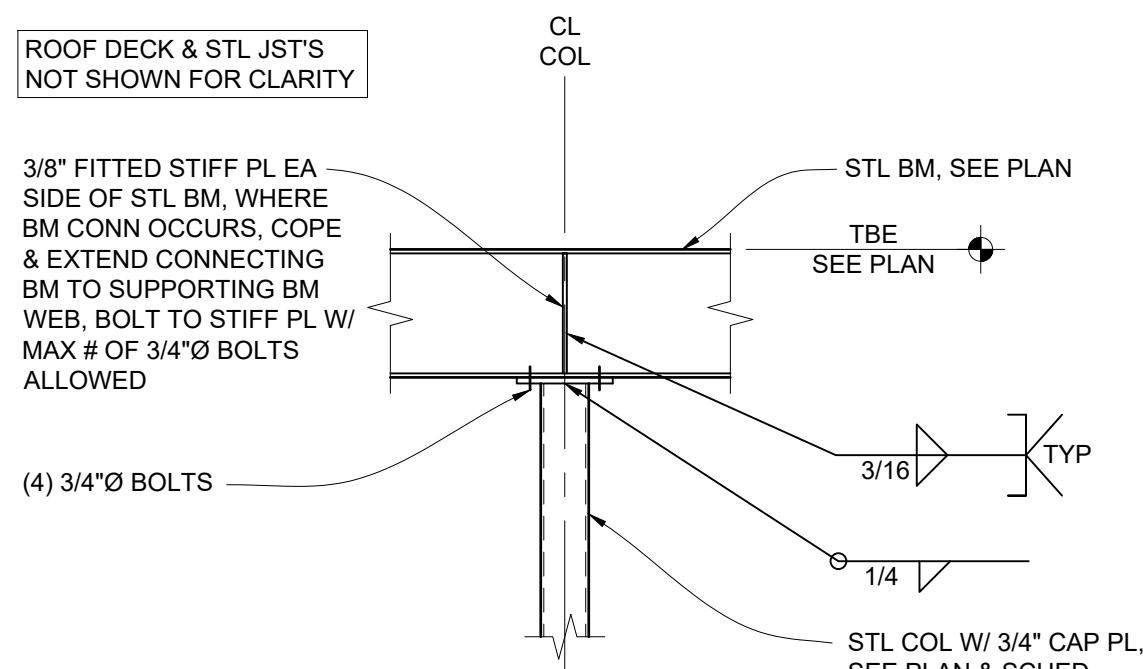
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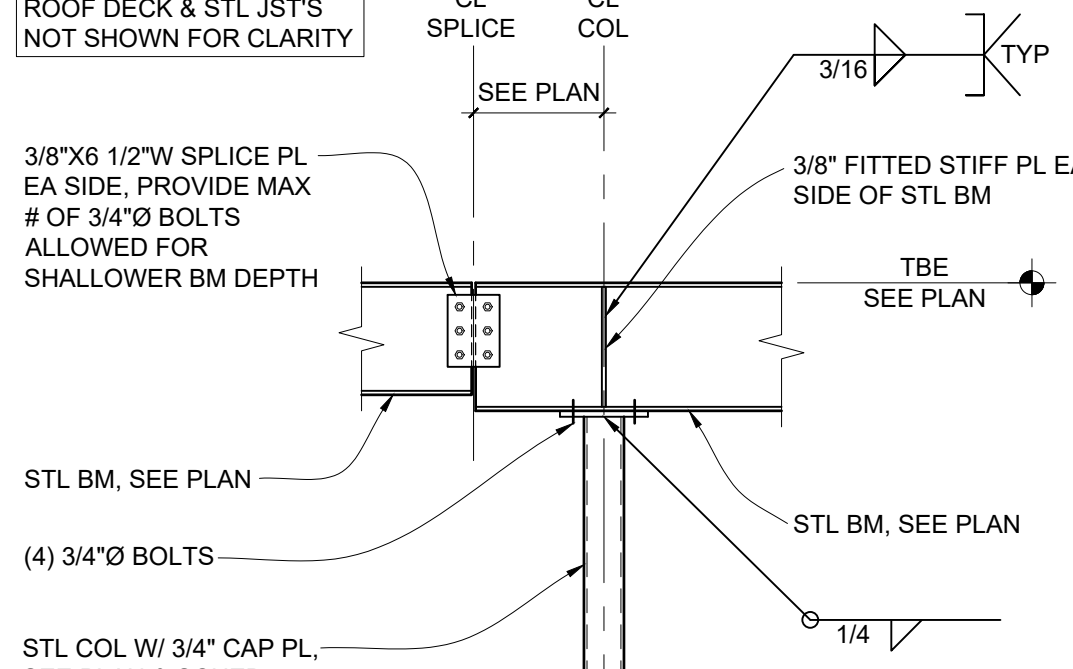
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S3.2 STL BM TO COL CONN 1/2"=1'-0"



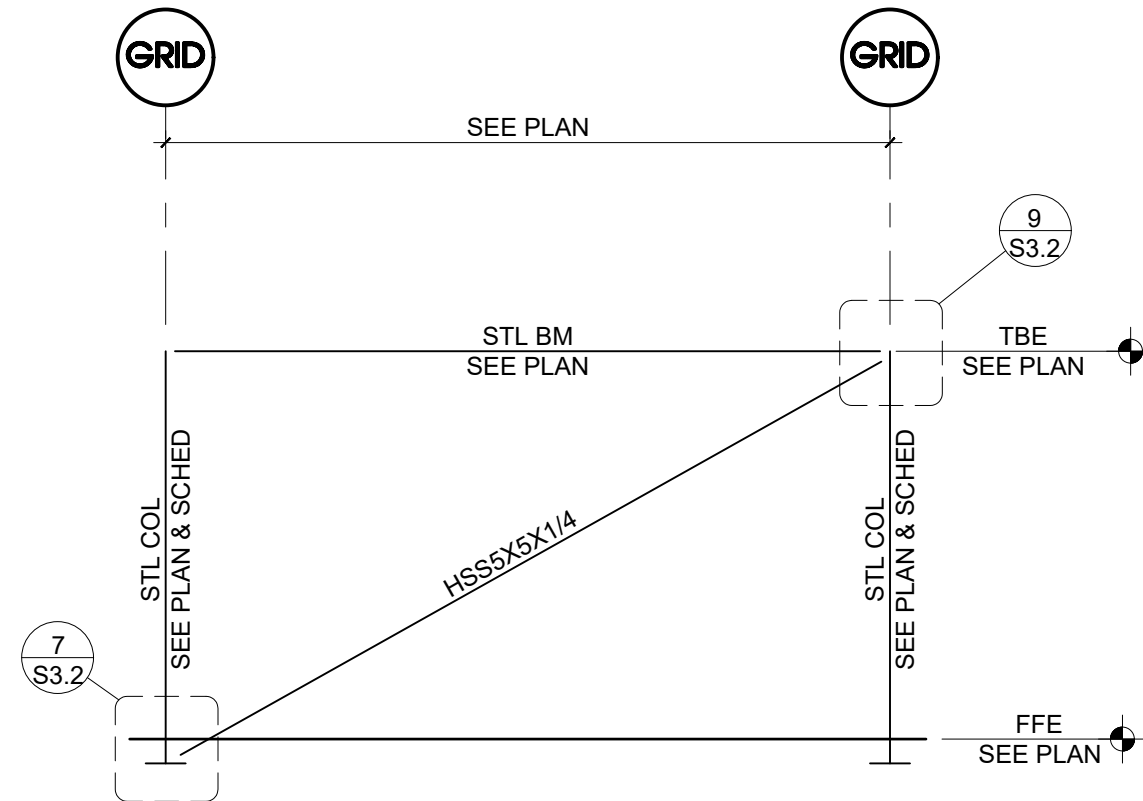
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S3.2 STL BM TO COL CONN 1/2"=1'-0"



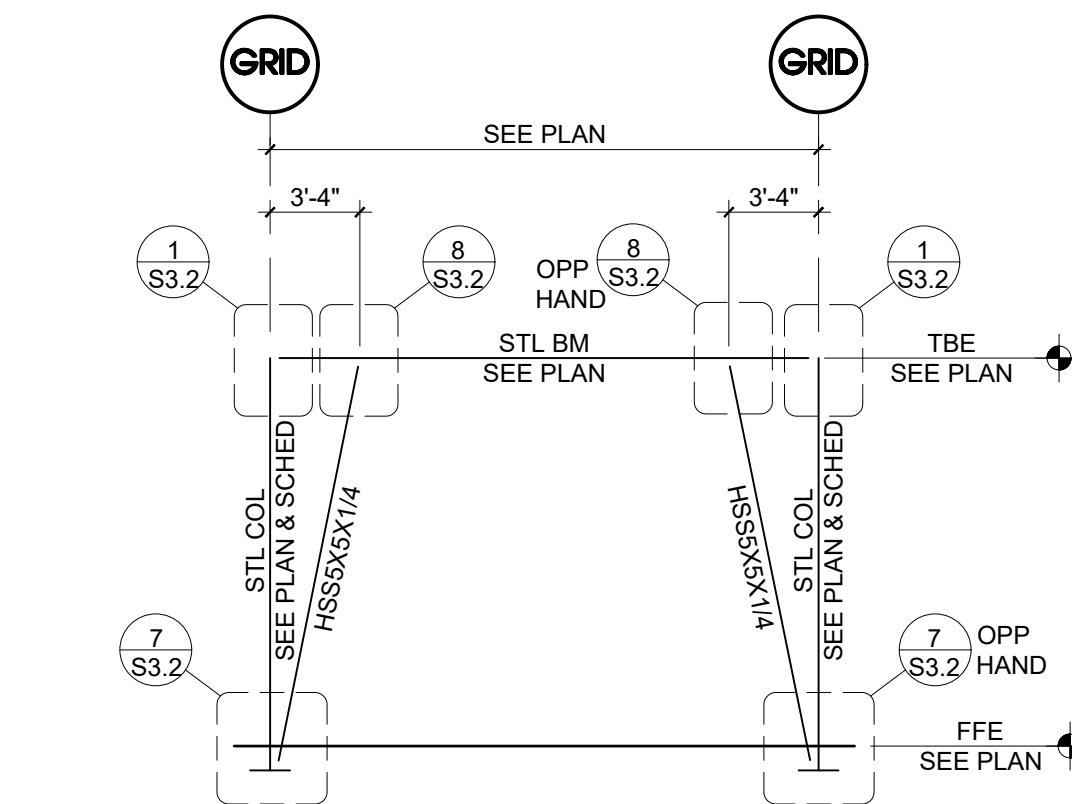
3 SECTION
S3.2 STL BM TO COL CONN 1/2"=1'-0"



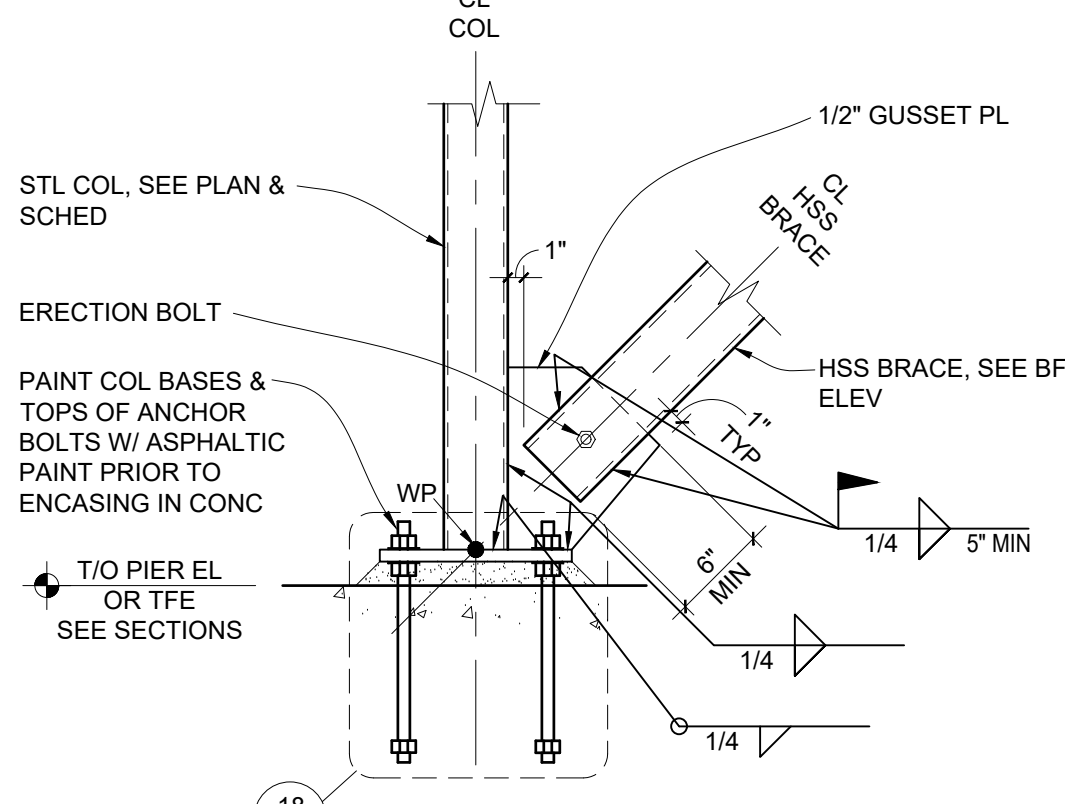
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S3.2 STL BM TO COL CONN & BM SPLICE 1/2"=1'-0"



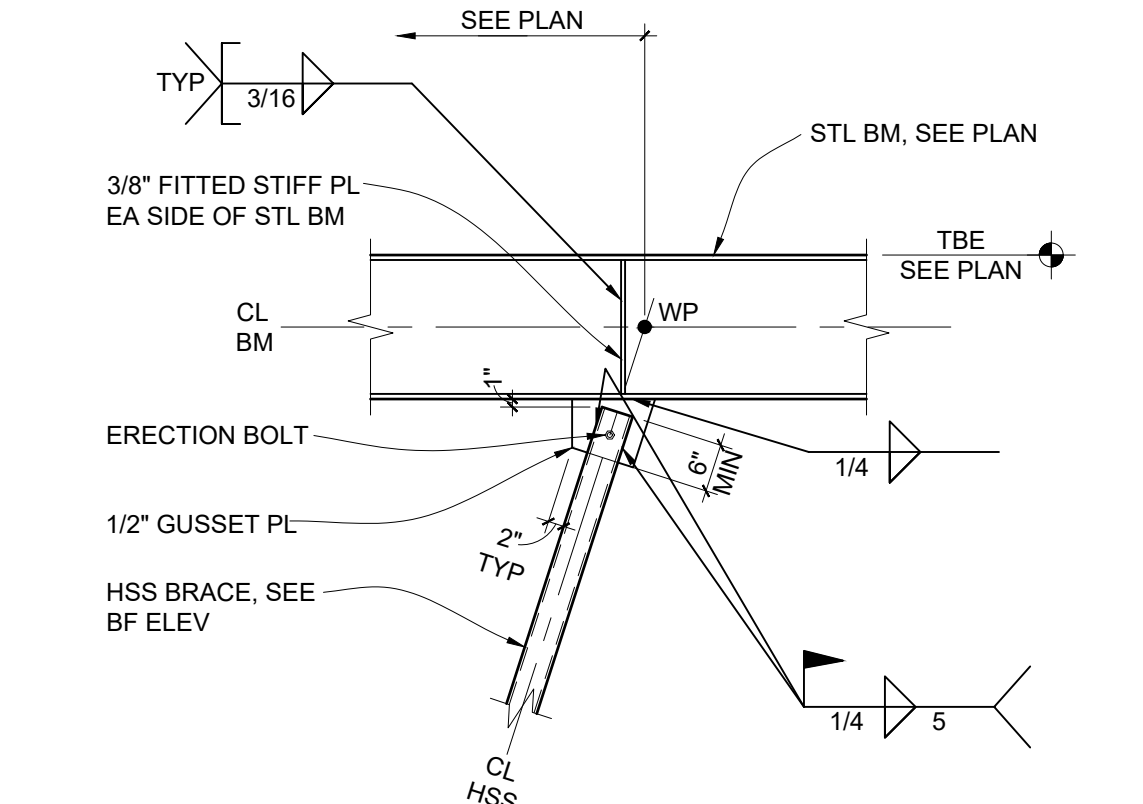
5 ELEVATION
S3.2 BRACED FRAME NO SCALE



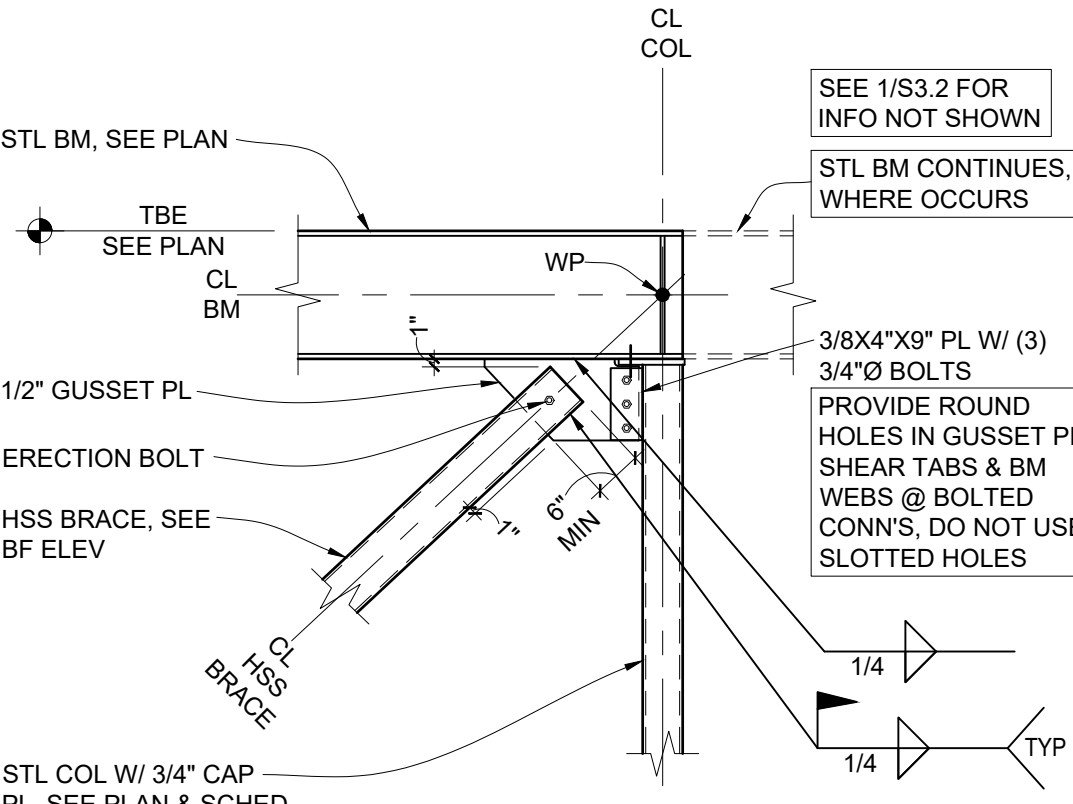
6 ELEVATION
S3.2 BRACED FRAME NO SCALE



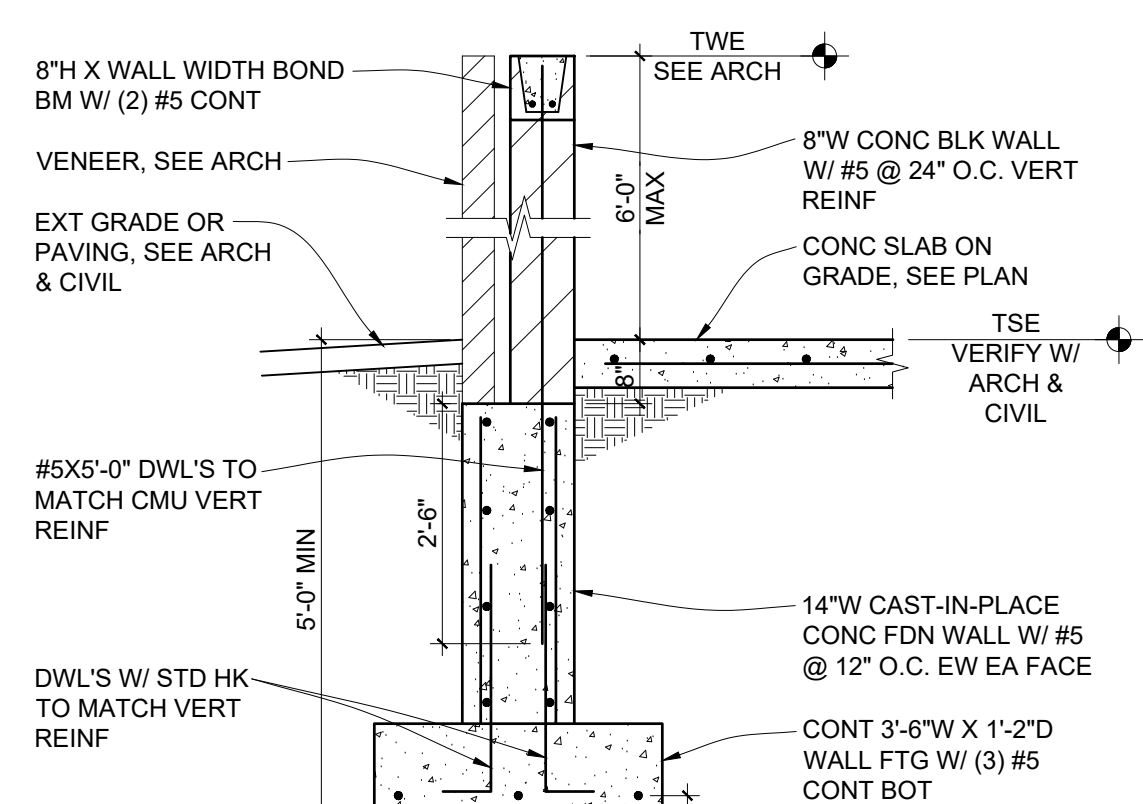
7 DETAIL
S3.2 BRACED FRAME CONN @ BASE 1"=1'-0"



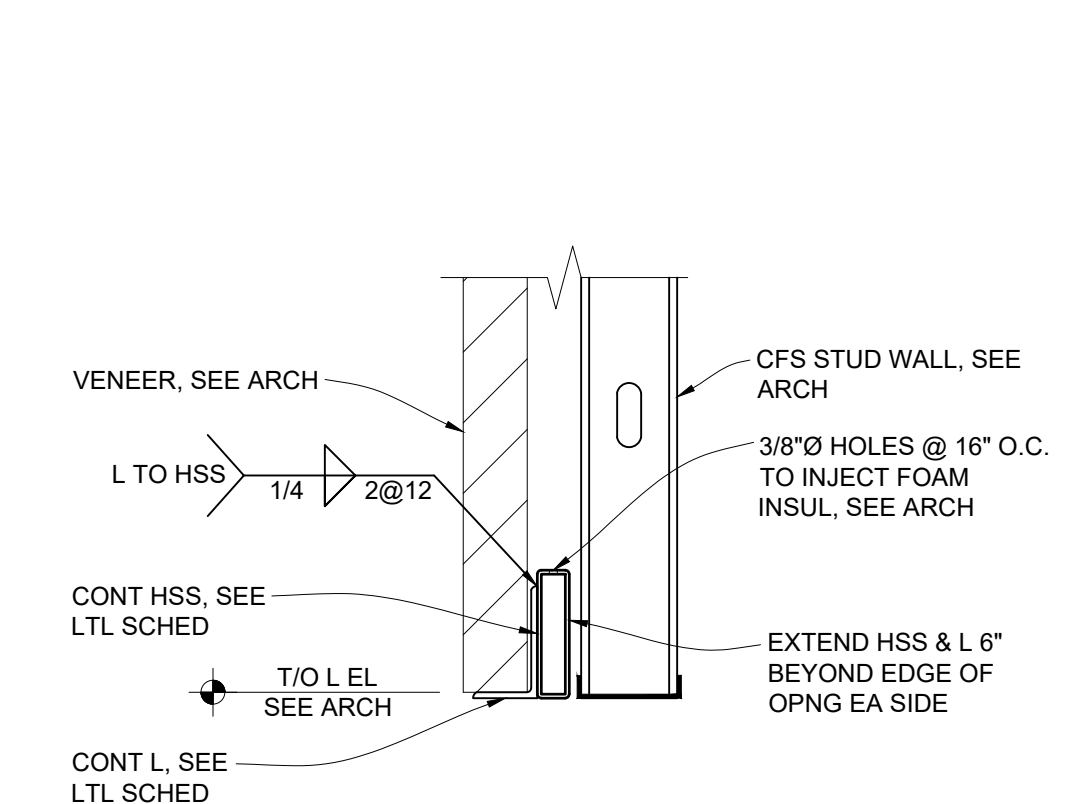
8 DETAIL
S3.2 BRACED FRAME CONN 1/2"=1'-0"



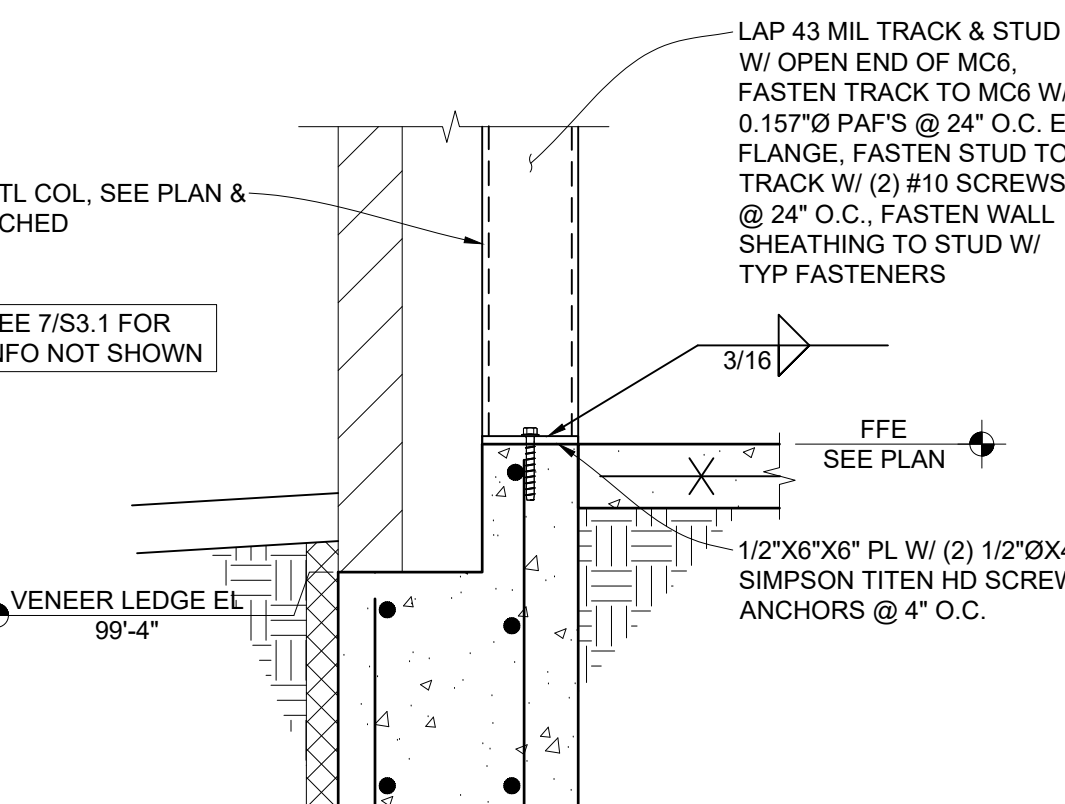
9 DETAIL
S3.2 BRACED FRAME CONN 1/2"=1'-0"



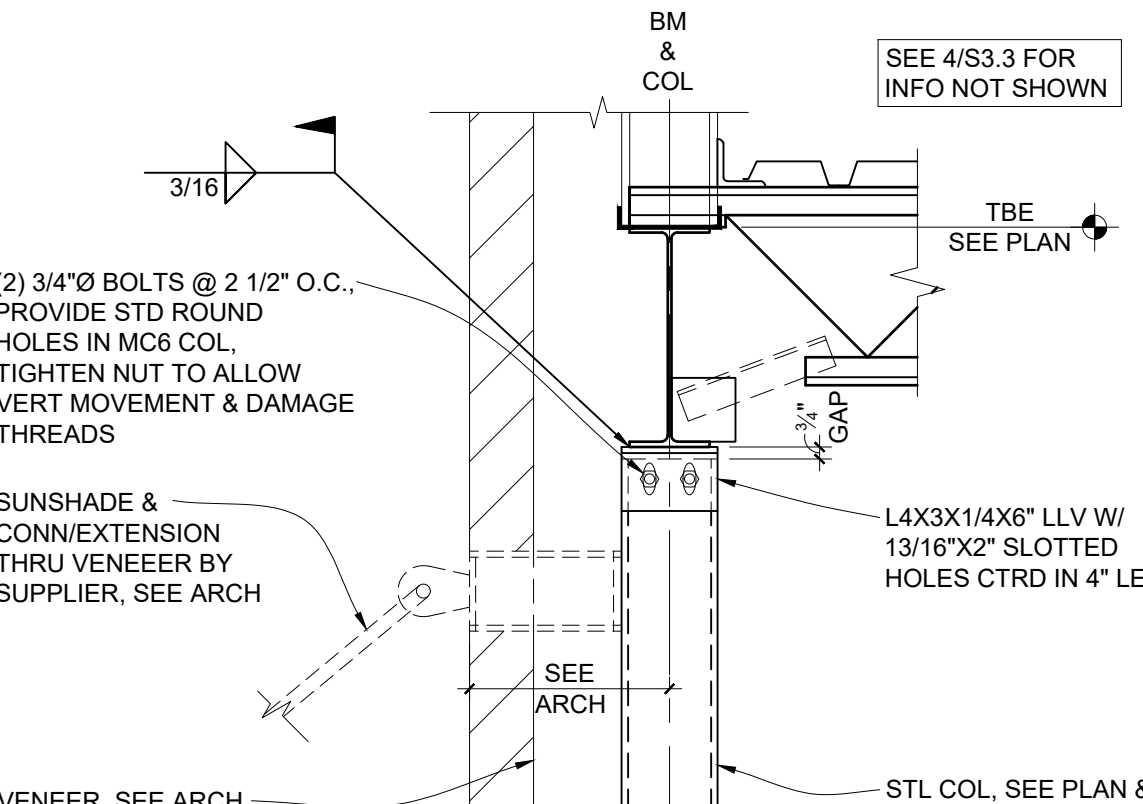
10 SECTION
S3.2 TRASH ENCLOSURE WALL 1/2"=1'-0"



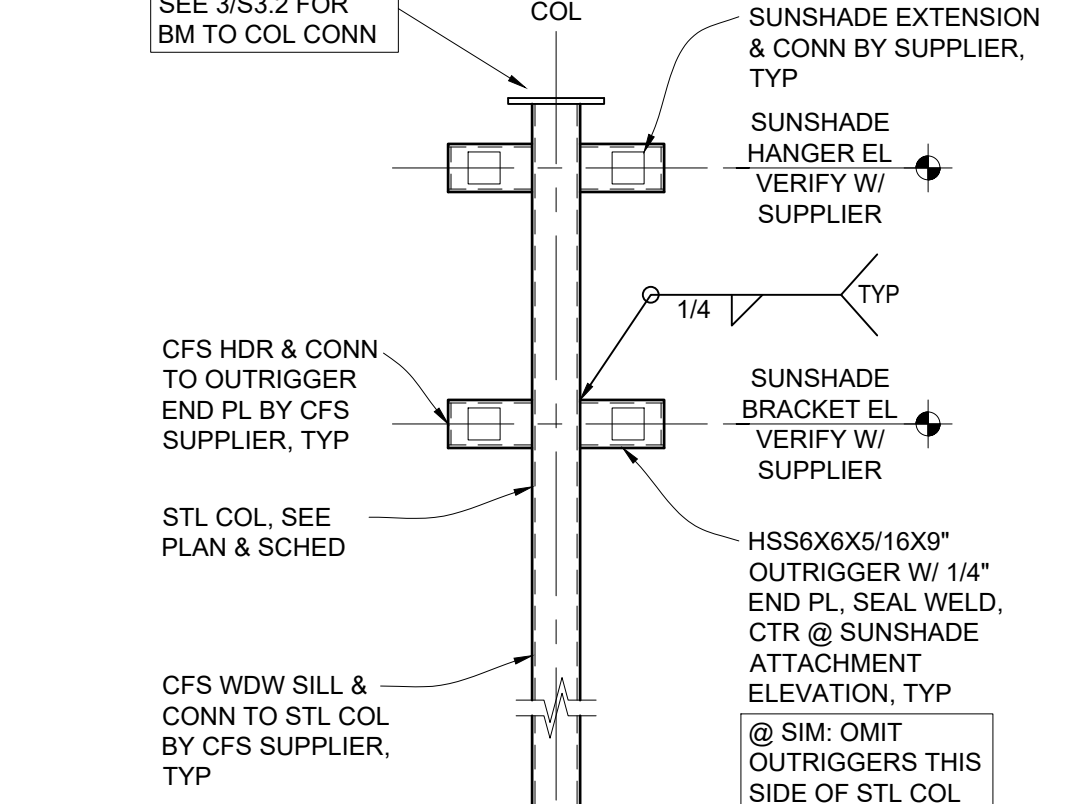
11 SECTION
S3.2 BRICK LTL 1"=1'-0"



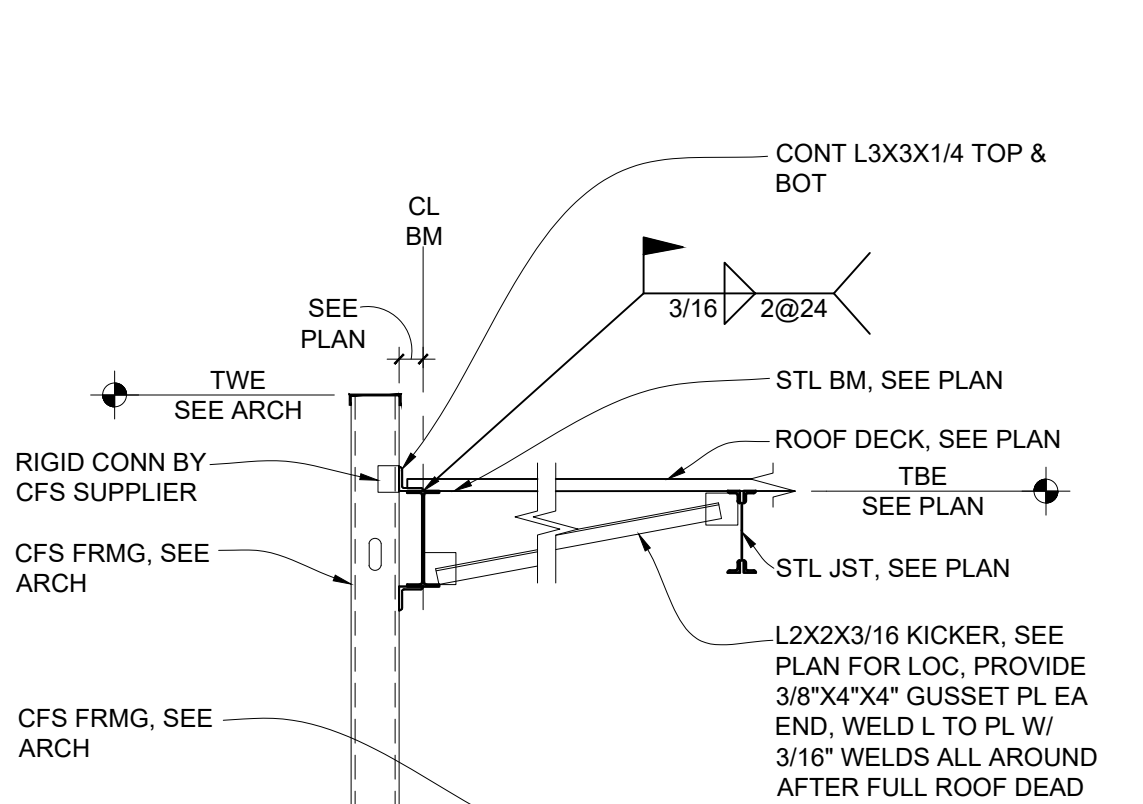
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S3.2 SUNSHADE SUPPORT COL TO FDN WALL CONN 1"=1'-0"



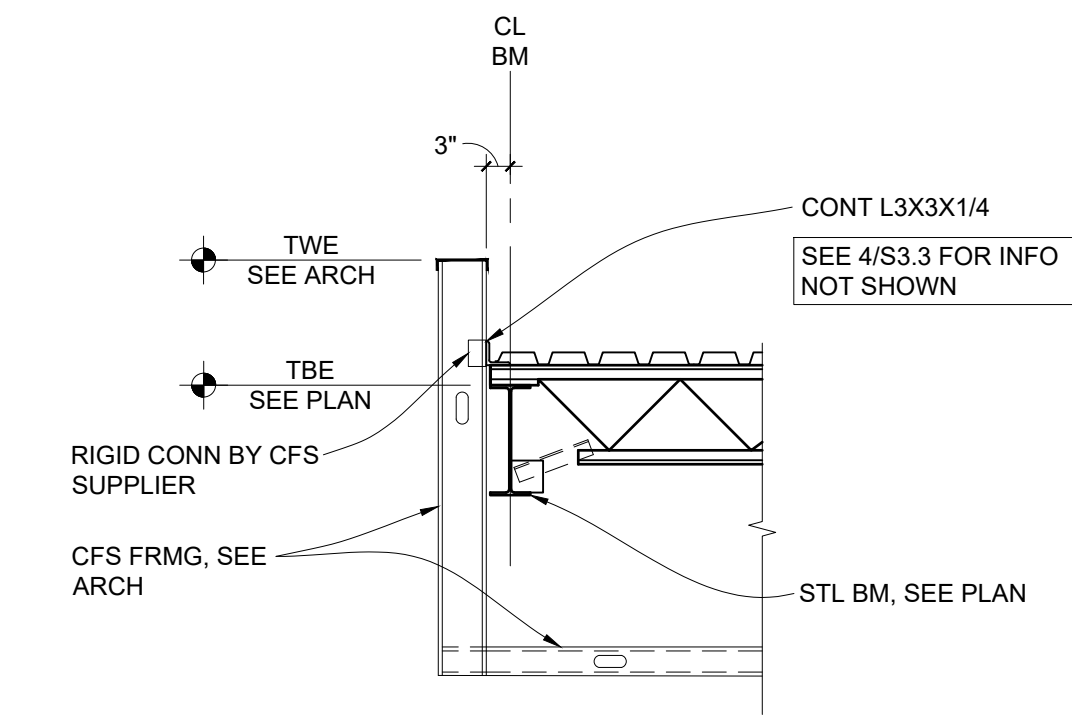
13 SECTION
S3.2 SUNSHADE SUPPORT @ POST 1"=1'-0"



14 SECTION
S3.2 SUNSHADE @ STL COL 1/2"=1'-0"



15 SECTION
S3.2 STL BM @ ROOF EDGE 1/2"=1'-0"



16 SECTION
S3.2 STL JST BRG @ STL BM 1/2"=1'-0"



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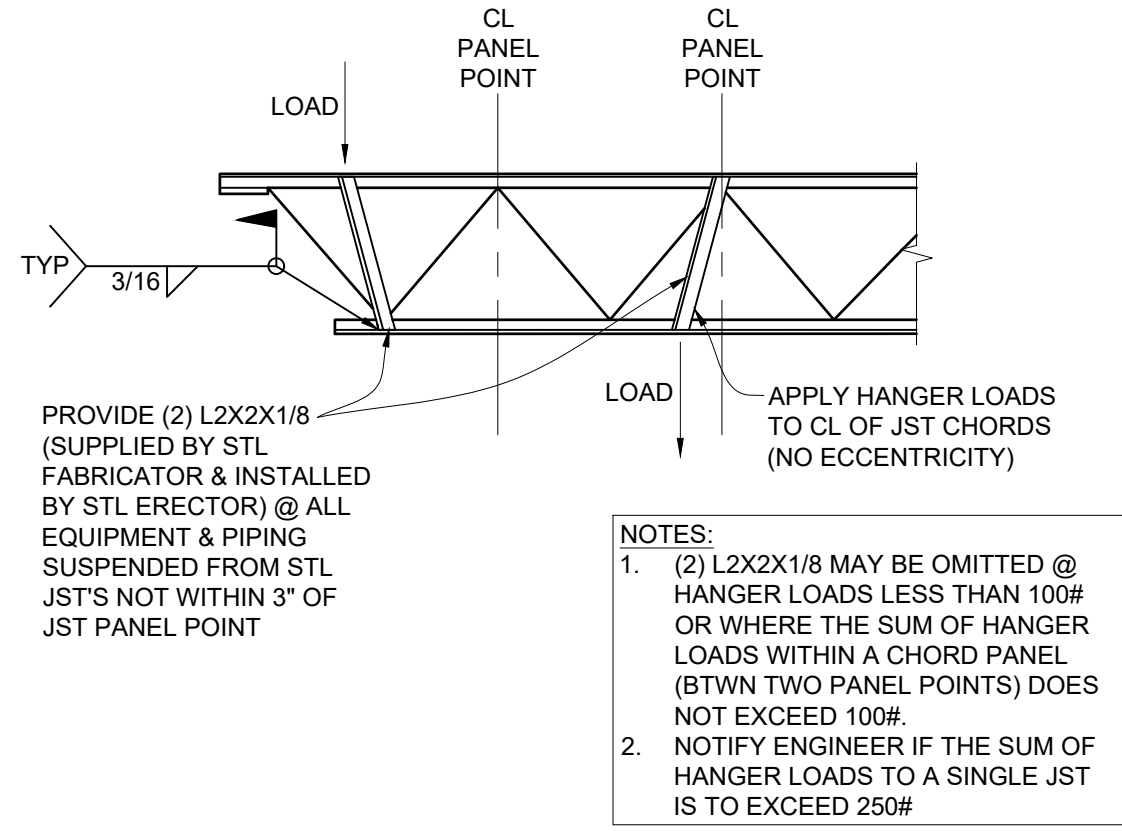
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SECTIONS AND DETAILS

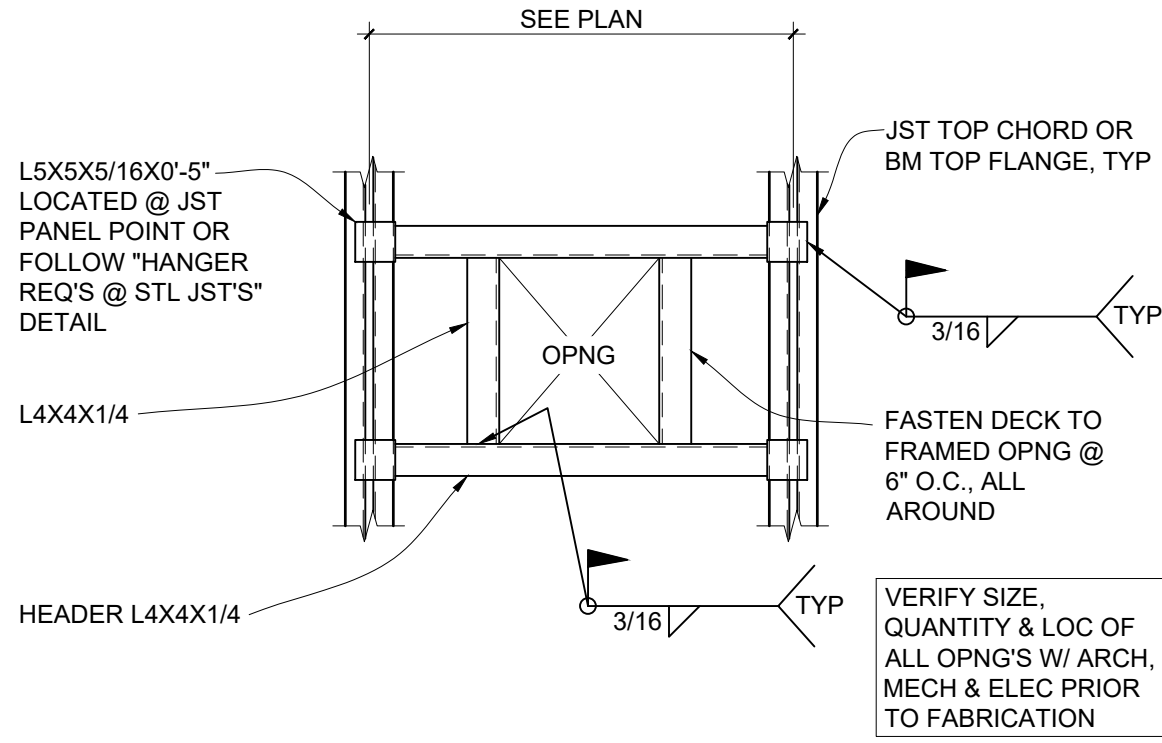
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S3.2

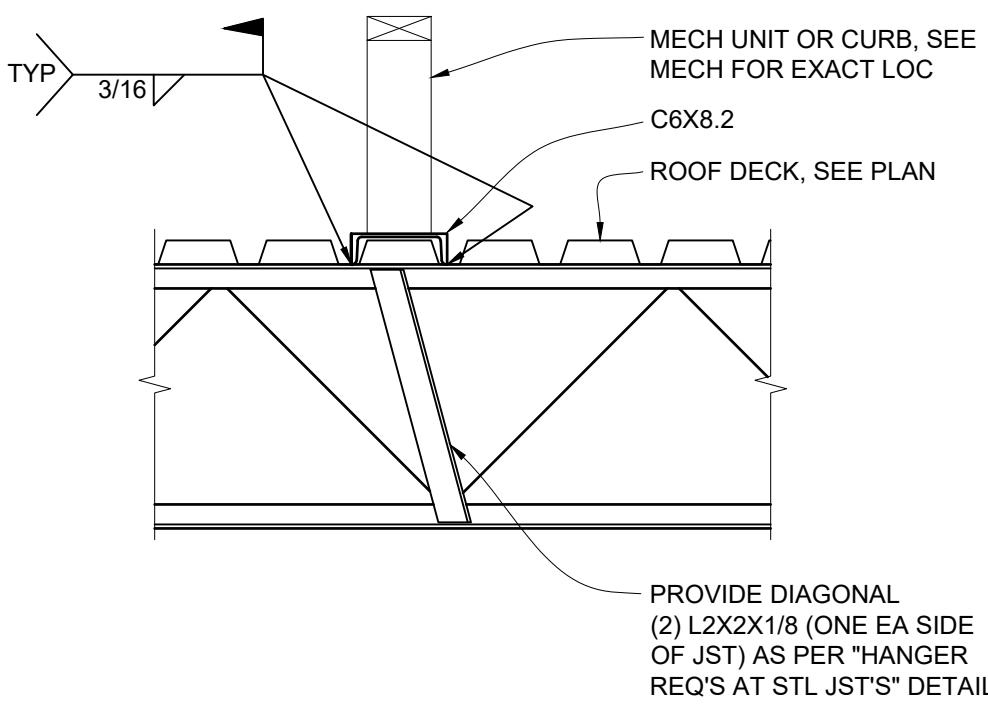
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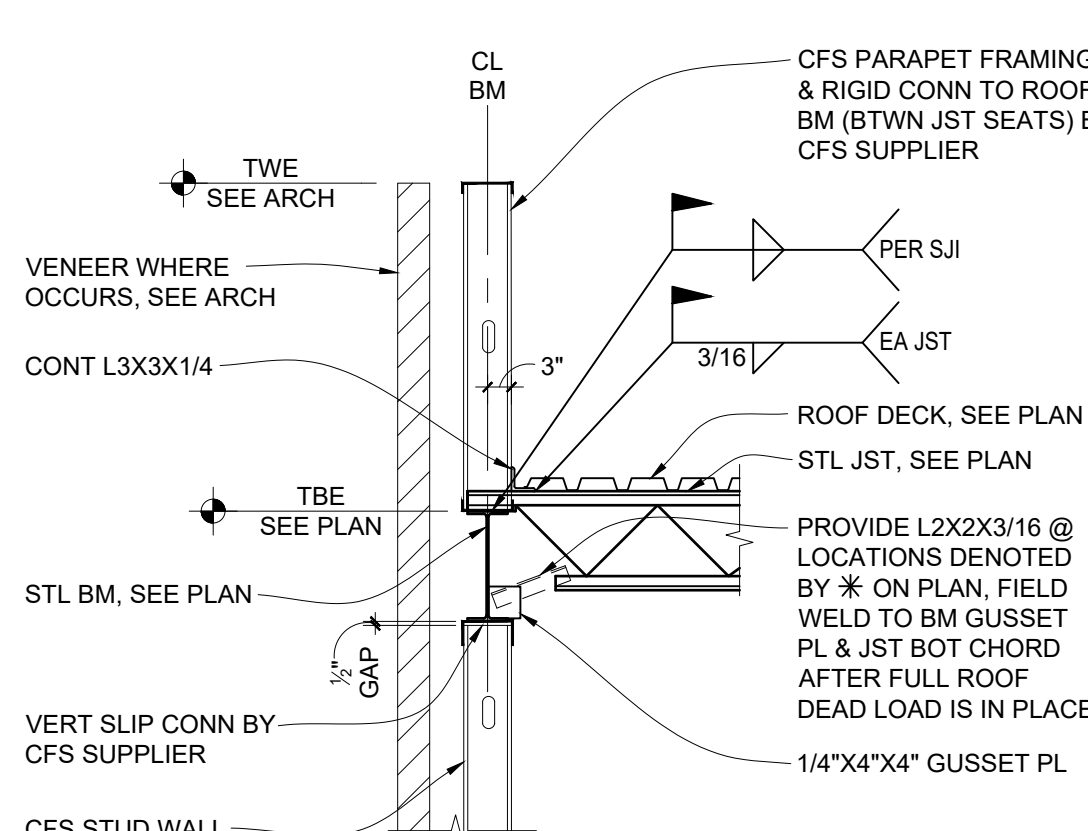
1 DETAIL
S3.3 HANGER REQ'S @ STL JST'S NO SCALE



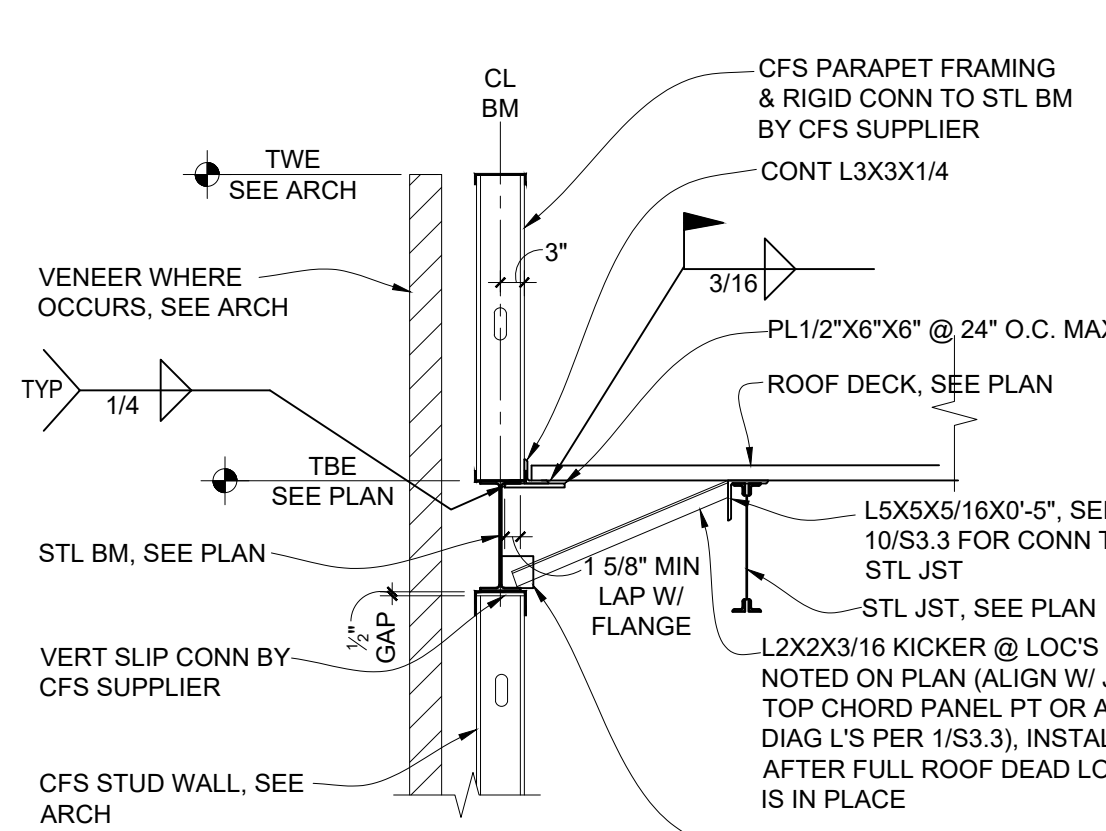
2 PLAN DETAIL
S3.3 ROOF OPNG SUPPORT FRAME NO SCALE



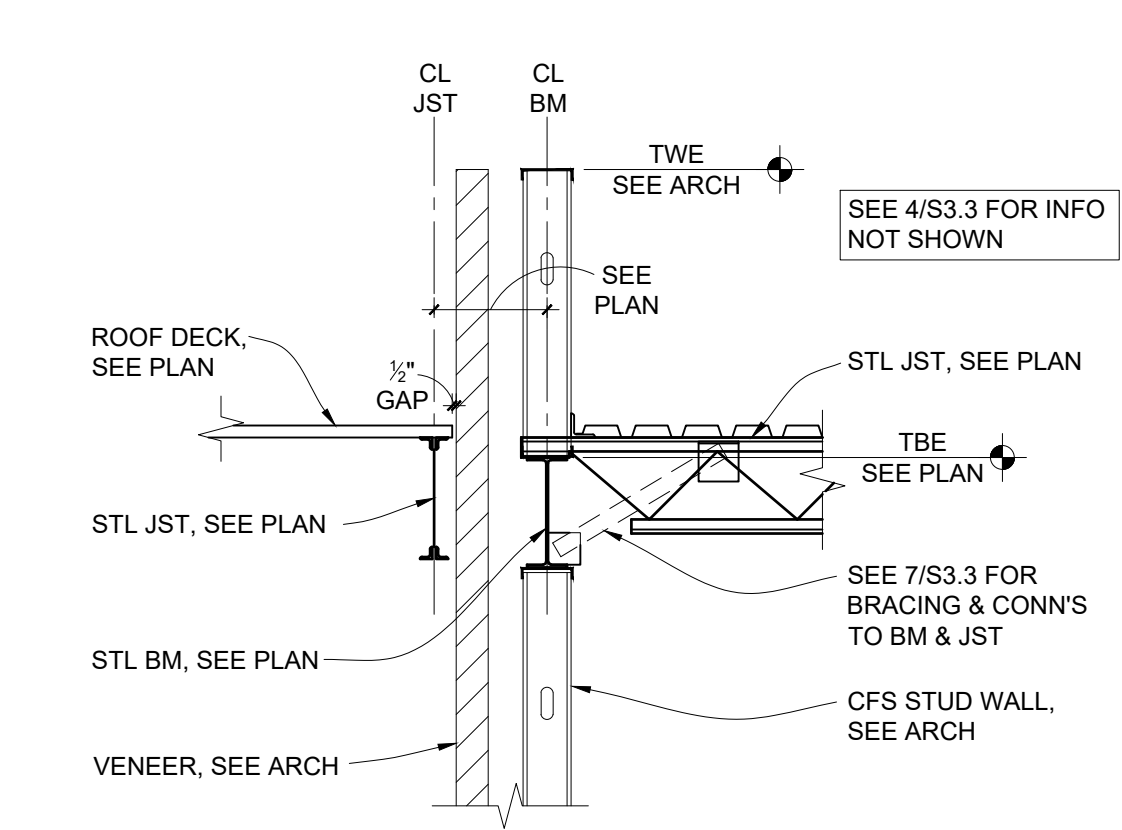
3 DETAIL
S3.3 MECH UNIT SUPPORT NO SCALE



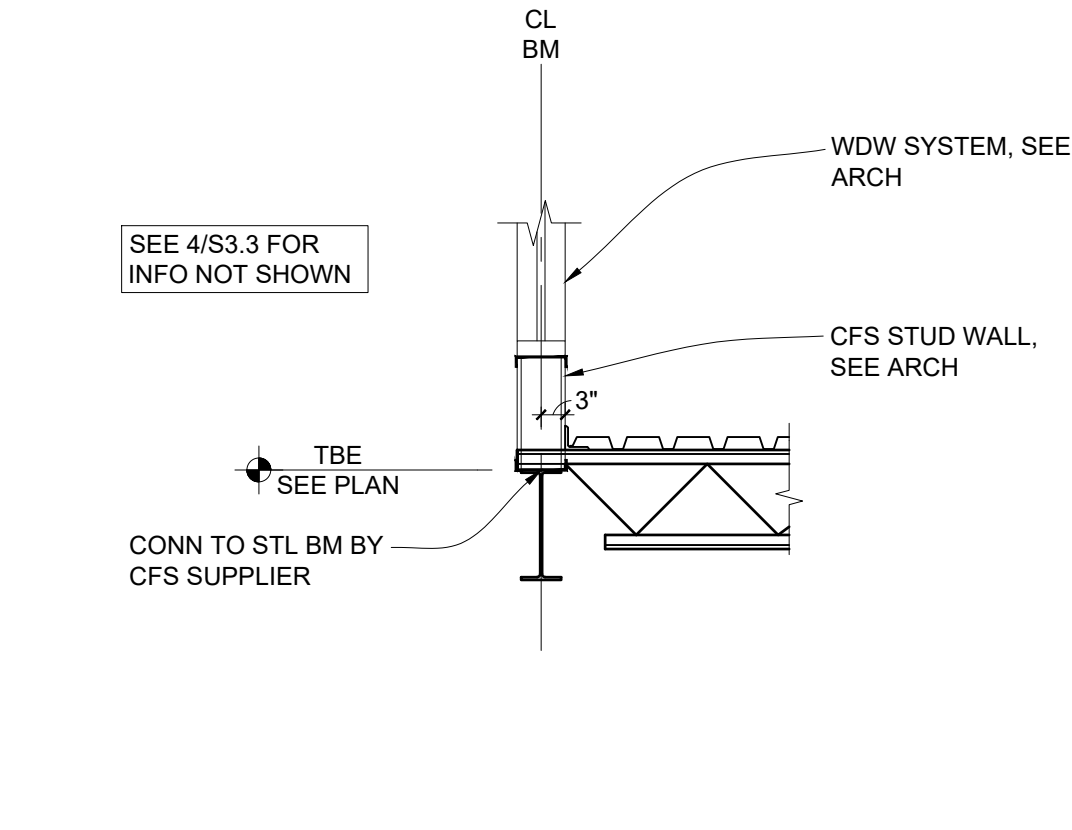
4 SECTION
S3.3 STL JST BRG @ STL BM 1/2"=1'-0"



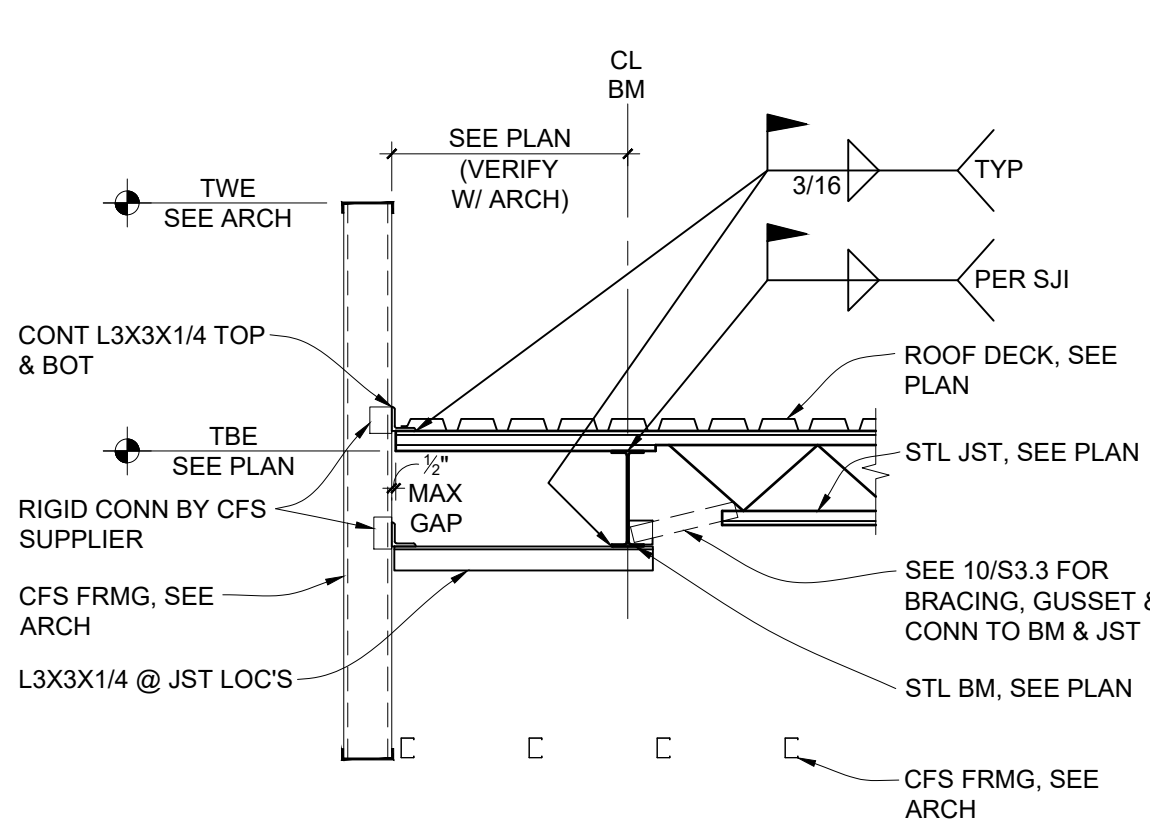
5 SECTION
S3.3 DECK BRG @ STL BM 1/2"=1'-0"



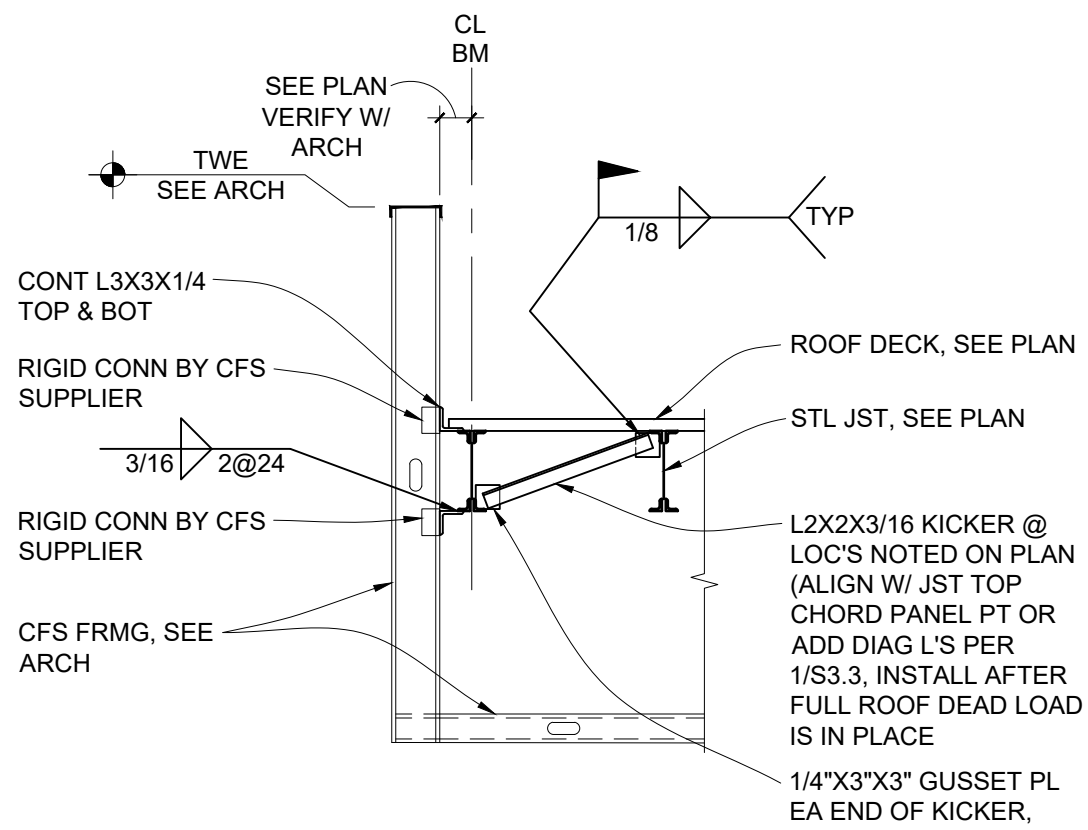
6 SECTION
S3.3 CANOPY EDGE @ EXT WALL 1/2"=1'-0"



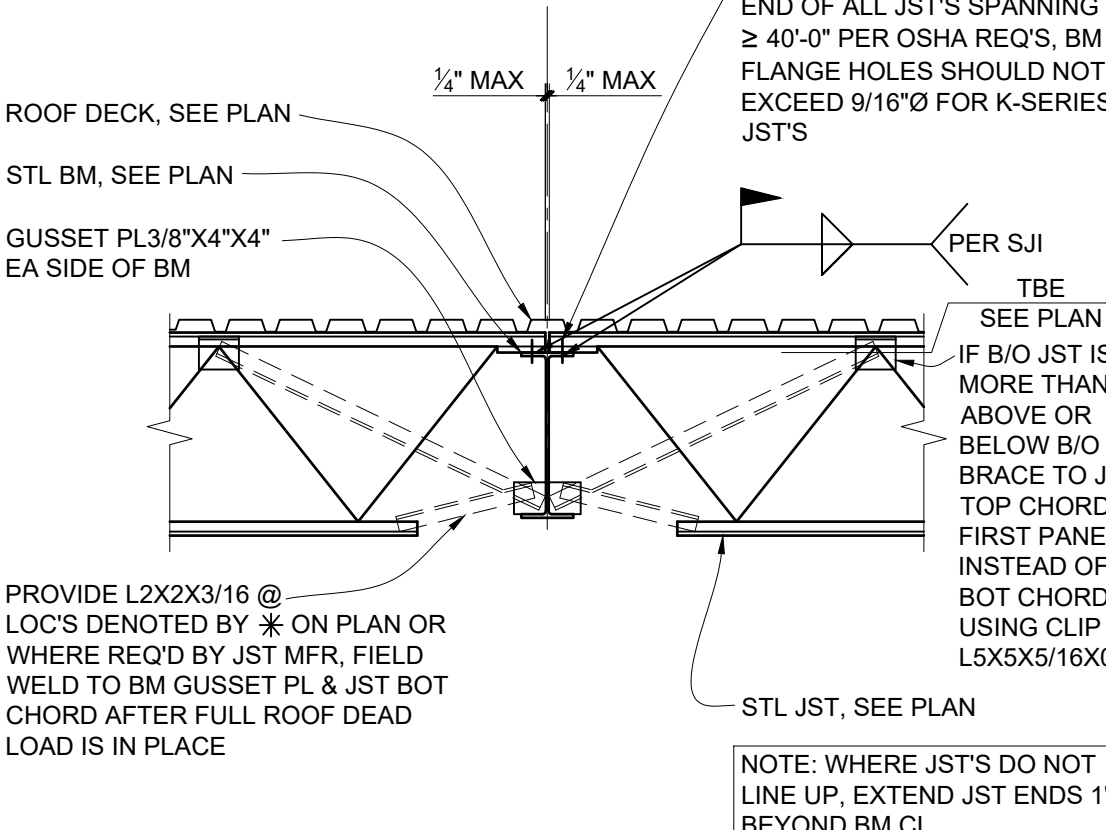
7 SECTION
S3.3 JST BRG @ CLERESTORY 1/2"=1'-0"



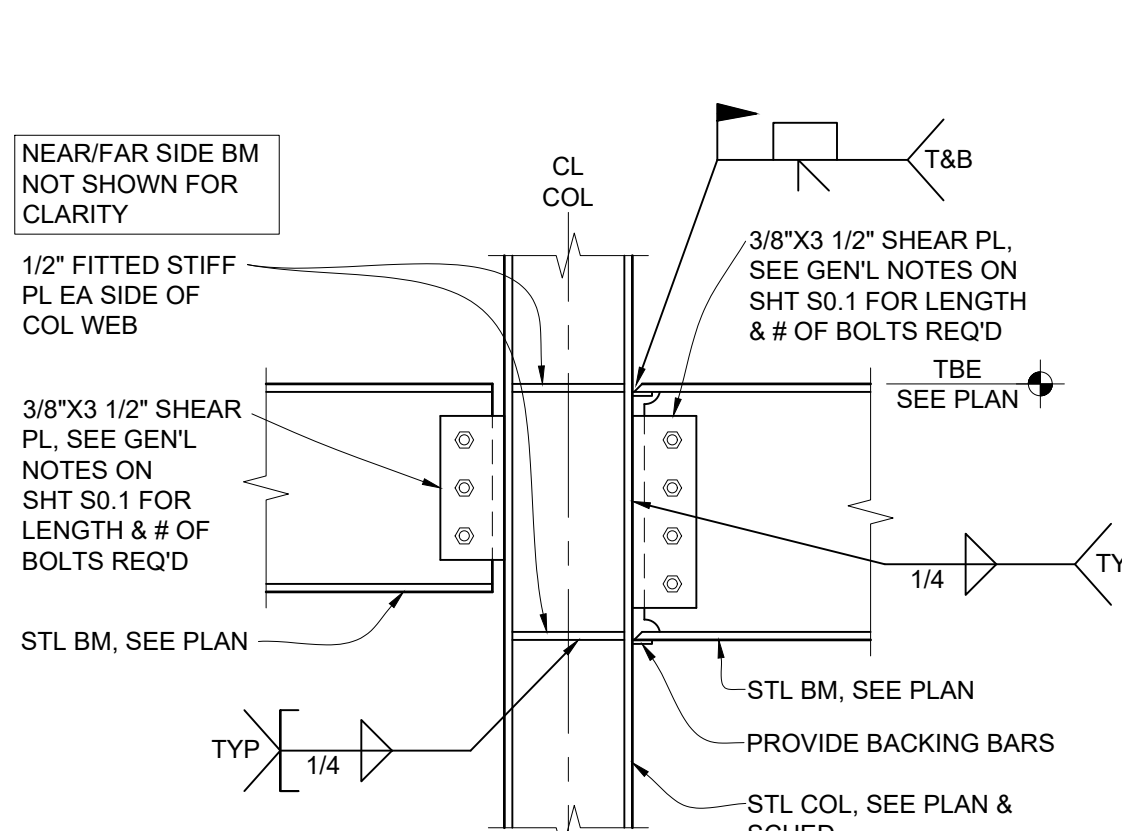
8 SECTION
S3.3 STL JST BRG W/ EXTENDED END @ STL BM 1/2"=1'-0"



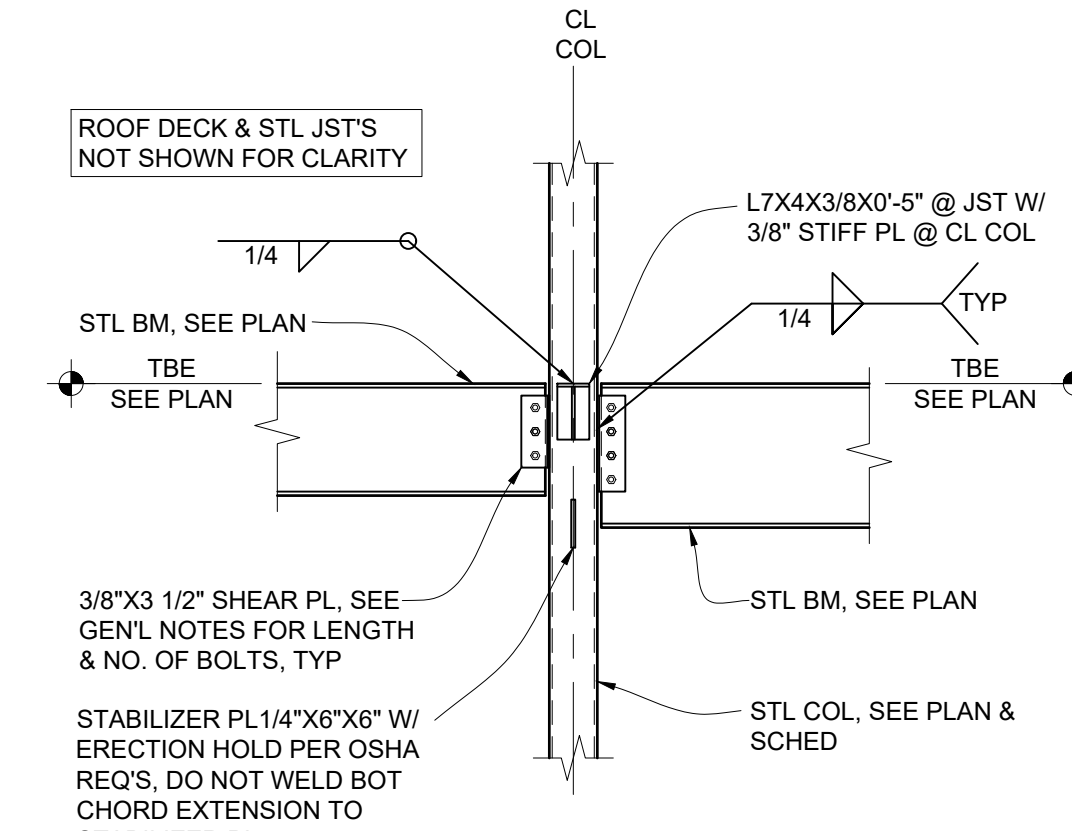
9 SECTION
S3.3 ROOF DECK BRG @ STL JST 1/2"=1'-0"



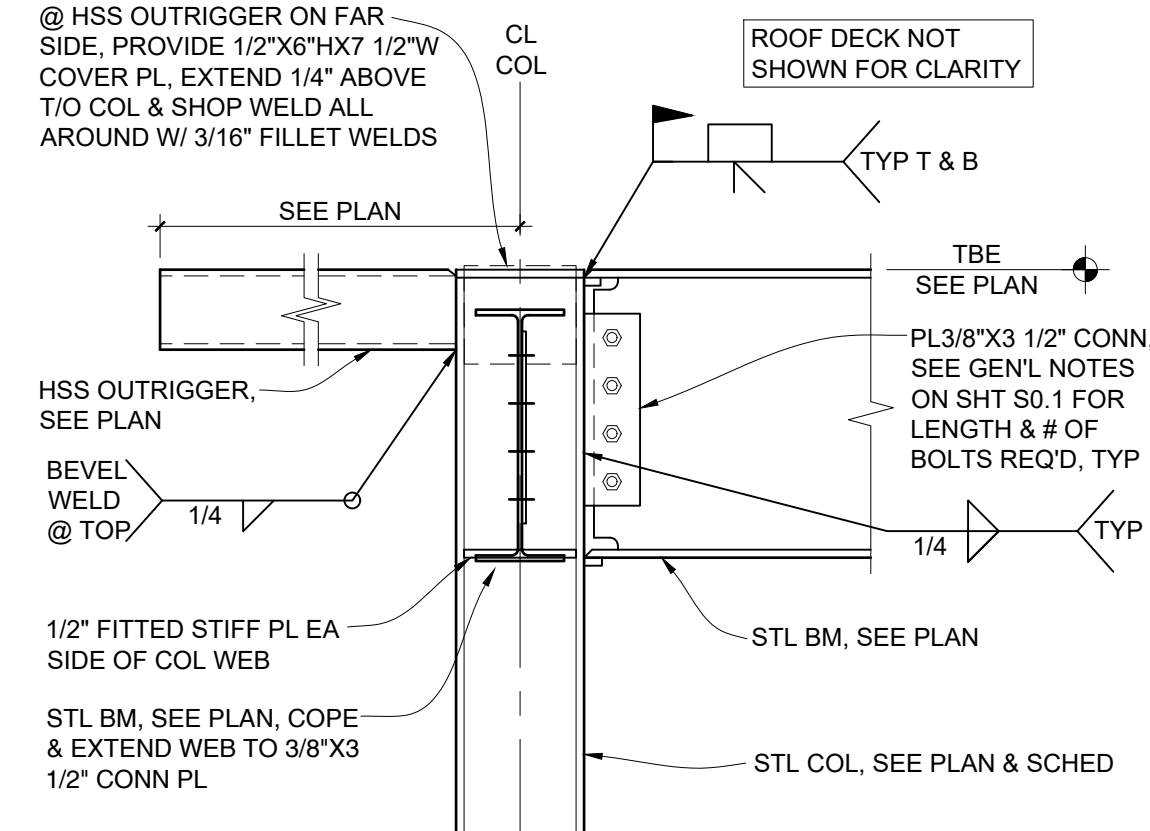
10 SECTION
S3.3 STL JST BRG @ STL BM 1/2"=1'-0"



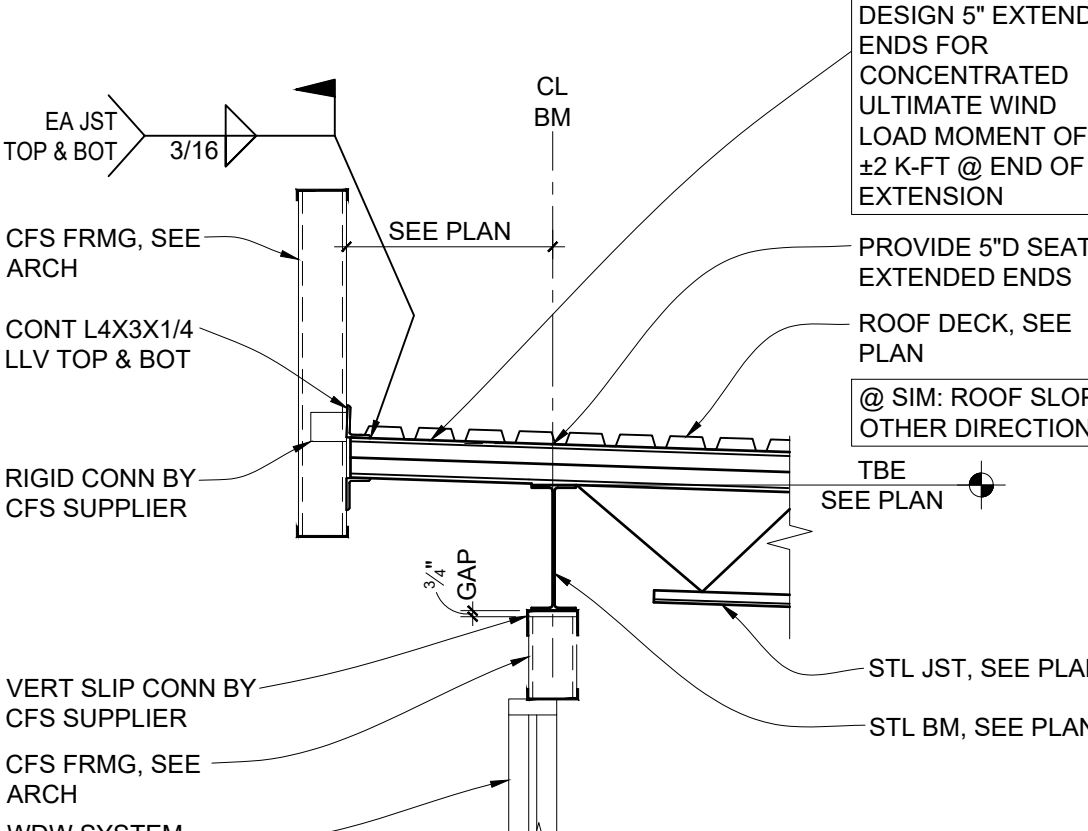
11 SECTION
S3.3 WIDE FLANGE COL MOMENT CONN 1"=1'-0"



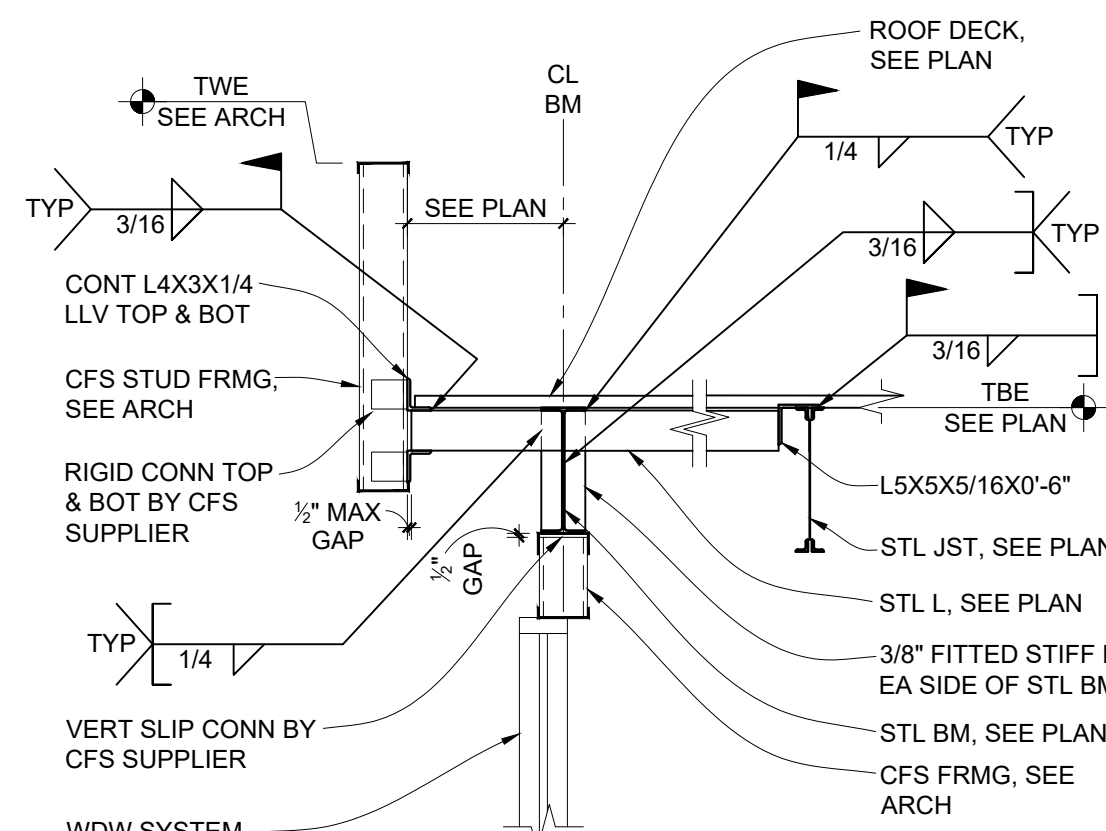
12 SECTION
S3.3 STL BM TO COL CONN 1/2"=1'-0"



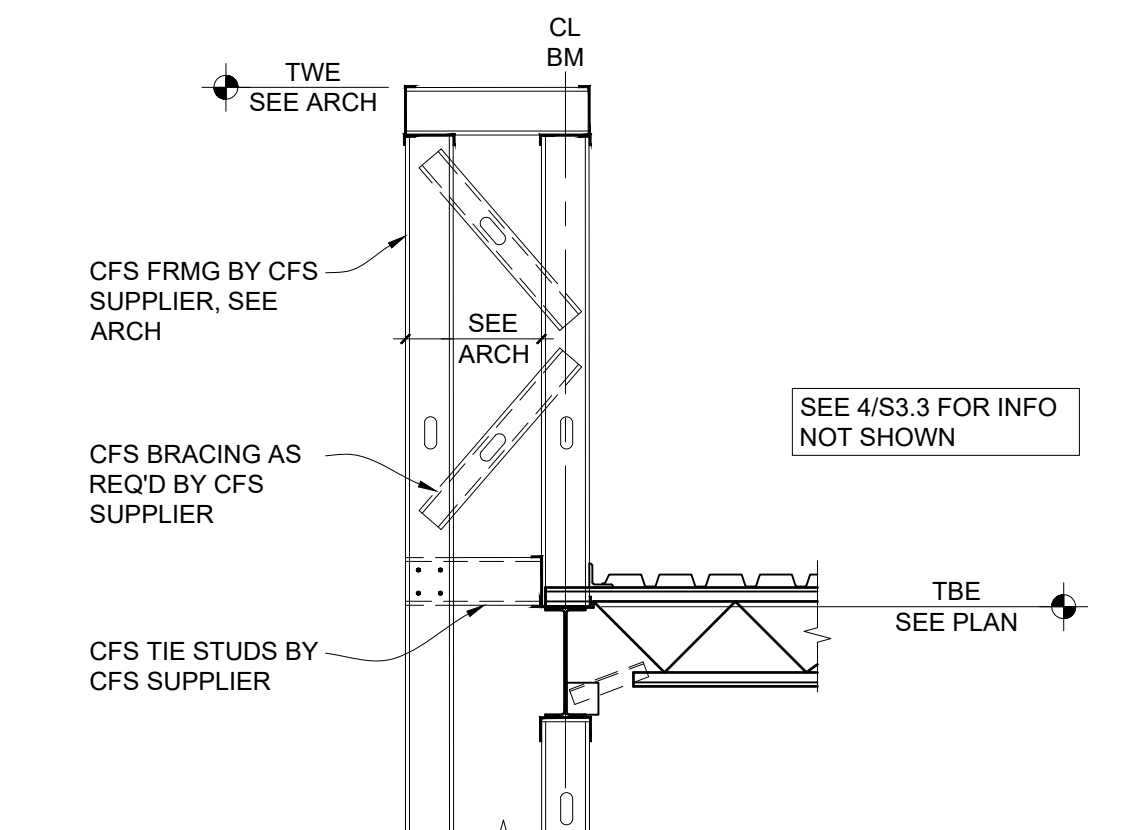
13 SECTION
S3.3 WIDE FLANGE COL MOMENT CONN 1"=1'-0"



14 SECTION
S3.3 STL JST BRG @ STL BM 1/2"=1'-0"



15 SECTION
S3.3 ANGLE OUTRIGGER @ STL BM 1/2"=1'-0"



16 SECTION
S3.3 STL JST BRG @ STL BM @ TALL PARPAET 1/2"=1'-0"



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PROJECT

MAYO EMPLOYEES
FEDERAL CREDIT UNION

NEW BUILDING

605 WEST AVE S.
LA CROSSE, WI

ISSUED SET 3/27/2026

REVISIONS

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SECTIONS AND DETAILS

Drawn By: JMW Checked By: BRP

S3.3

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