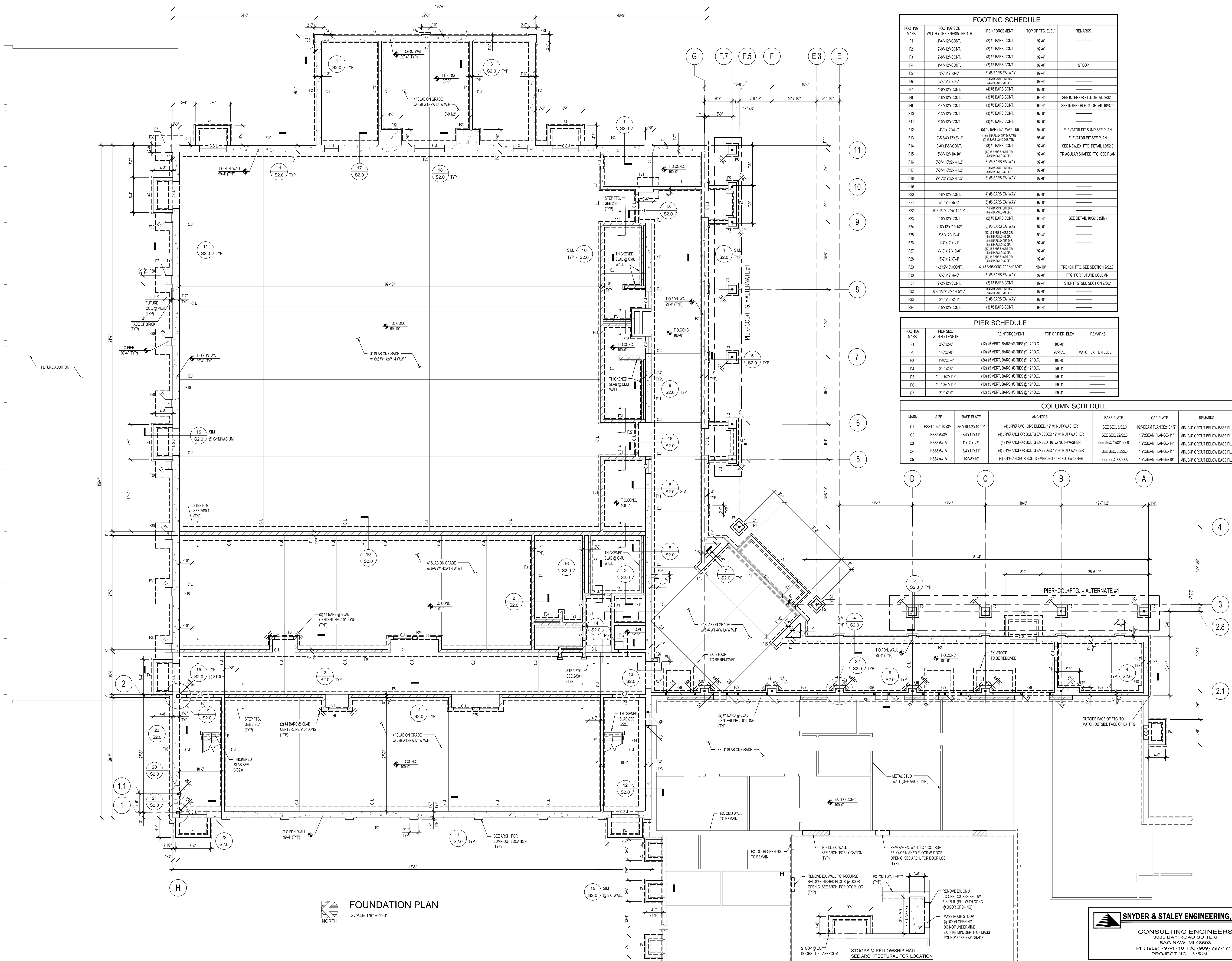


FOOTING SCHEDULE				
FOOTING MARK	FOOTING SIZE WIDTH x THICKNESS x LENGTH	REINFORCEMENT	TOP OF FTG. ELEV.	REMARKS
F1	1'-4" x 12" x CONT.	(2) #5 BARS CONT.	97'-0"	
F2	2'-0" x 12" x CONT.	(2) #5 BARS CONT.	97'-0"	
F3	2'-0" x 12" x CONT.	(3) #5 BARS CONT.	99'-4"	
F4	1'-4" x 12" x CONT.	(2) #5 BARS CONT.	97'-0"	STOOP
F5	3'-0" x 12" x 3'-0"	(3) #5 BARS EA. WAY	99'-4"	
F6	5'-0" x 12" x 7'-6"	(1) #5 BARS SHORT DIR. (1) #5 BARS LONG DIR.	99'-4"	
F7	4'-0" x 12" x CONT.	(4) #5 BARS CONT.	97'-0"	
F8	2'-0" x 12" x CONT.	(3) #5 BARS CONT.	99'-4"	SEE INTERIOR FTG. DETAIL 20S2.0
F9	3'-4" x 12" x CONT.	(3) #5 BARS CONT.	99'-4"	SEE INTERIOR FTG. DETAIL 10S2.0
F10	3'-0" x 12" x CONT.	(3) #5 BARS CONT.	97'-0"	
F11	3'-0" x 12" x CONT.	(3) #5 BARS CONT.	97'-0"	
F12	4'-0" x 12" x 4'-0"	(5) #5 BARS EA. WAY TAB	94'-0"	ELEVATOR PIT SLUMP SEE PLAN
F13	10'-5 3/4" x 12" x 6'-11"	(10) #5 BARS SHORT DIR. (10) #5 BARS LONG DIR. TAB	95'-0"	ELEVATOR PIT SEE PLAN
F14	3'-0" x 12" x CONT.	(2) #5 BARS CONT.	97'-0"	SEE NEWEX. FTG. DETAIL 12S2.0
F15	5'-0" x 12" x 10'-0"	(1) #5 BARS SHORT DIR. (1) #5 BARS LONG DIR.	97'-0"	TRIANGULAR SHAPED FTG. SEE PLAN
F16	3'-0" x 12" x 2'-4 1/2"	(3) #5 BARS EA. WAY	97'-0"	
F17	8'-0" x 12" x 2'-4 1/2"	(1) #5 BARS SHORT DIR. (1) #5 BARS LONG DIR.	97'-0"	
F18	2'-10" x 12" x 4 1/2"	(3) #5 BARS EA. WAY	97'-0"	
F19				
F20	3'-0" x 12" x CONT.	(4) #5 BARS EA. WAY	97'-0"	
F21	5'-0" x 12" x 5'-0"	(5) #5 BARS EA. WAY	97'-0"	
F22	6'-8 1/2" x 12" x 5'-11 1/2"	(1) #5 BARS SHORT DIR. (1) #5 BARS LONG DIR.	97'-0"	
F23	2'-0" x 12" x CONT.	(2) #5 BARS CONT.	99'-4"	SEE DETAIL 10S2.0 (SM)
F24	2'-0" x 12" x 2'-9 1/2"	(3) #5 BARS EA. WAY	97'-0"	
F25	5'-0" x 12" x 13'-4"	(1) #5 BARS SHORT DIR. (1) #5 BARS LONG DIR.	99'-4"	
F26	1'-4" x 12" x 1'-1"	(1) #5 BARS SHORT DIR. (1) #5 BARS LONG DIR.	99'-4"	
F27	4'-10" x 12" x 10'-0"	(1) #5 BARS SHORT DIR. (1) #5 BARS LONG DIR.	97'-0"	
F28	5'-0" x 12" x 7'-4"	(1) #5 BARS SHORT DIR. (1) #5 BARS LONG DIR.	97'-0"	
F29	1'-2" x 12" x 10" x CONT.	(2) #5 BARS CONT. TOP AND BOT.	95'-10"	TRENCH FTG. SEE SECTION 9S2.0
F30	6'-0" x 12" x 6'-0"	(5) #5 BARS EA. WAY	97'-0"	FTG. FOR FUTURE COLUMN
F31	2'-0" x 12" x CONT.	(2) #5 BARS CONT.	99'-4"	STEP FTG. SEE SECTION 20S1.1
F32	6'-8 1/2" x 12" x 7'-5 1/2"	(1) #5 BARS SHORT DIR. (1) #5 BARS LONG DIR.	97'-0"	
F33	2'-0" x 12" x 2'-0"	(3) #5 BARS CONT.	97'-0"	
F34	2'-0" x 12" x CONT.	(3) #5 BARS CONT.	99'-4"	

PIER SCHEDULE				
PIER MARK	PIER SIZE WIDTH x LENGTH	REINFORCEMENT	TOP OF PIER. ELEV.	REMARKS
P1	2'-0" x 2'-0"	(12) #5 VERT. BARS-H3 TIES @ 12" O.C.	100'-0"	
P2	1'-5" x 2'-0"	(10) #5 VERT. BARS-H3 TIES @ 12" O.C.	98'-10 1/2"	MATCH EX. FDN. ELEV.
P3	1'-10" x 5'-4"	(24) #5 VERT. BARS-H3 TIES @ 12" O.C.	100'-0"	
P4	2'-0" x 2'-0"	(12) #5 VERT. BARS-H3 TIES @ 12" O.C.	99'-4"	
P5	1'-10 1/2" x 1'-3"	(10) #5 VERT. BARS-H3 TIES @ 12" O.C.	99'-4"	
P6	1'-11 3/4" x 1'-8"	(10) #5 VERT. BARS-H3 TIES @ 12" O.C.	99'-4"	
P7	2'-0" x 2'-0"	(12) #5 VERT. BARS-H3 TIES @ 12" O.C.	99'-4"	

COLUMN SCHEDULE						
MARK	SIZE	BASE PLATE	ANCHORS	BASE PLATE	CAP PLATE	REMARKS
C1	HSS4 12x4 12x3/8	3/4" x 10 1/2" x 10 1/2"	(4) 3/4" ANCHORS EMBED. 12" w/ NUT+WASHER	SEE SEC. 5S2.0	1/2" x 8" BEAM FLANGE x 10 1/2"	MIN. 3/4" GROUT BELOW BASE PL.
C2	HSS5 6x6	3/4" x 11" x 11"	(4) 3/4" ANCHOR BOLTS EMBEDDED 12" w/ NUT+WASHER	SEE SEC. 20S2.0	1/2" x 8" BEAM FLANGE x 11"	MIN. 3/4" GROUT BELOW BASE PL.
C3	HSS8 6x6	1" x 14" x 14"	(4) 1" ANCHOR BOLTS EMBED. 16" w/ NUT+WASHER	SEE SEC. 19A21S2.0	1/2" x 8" BEAM FLANGE x 14"	MIN. 3/4" GROUT BELOW BASE PL.
C4	HSS5 6x6	3/4" x 11" x 11"	(4) 3/4" ANCHOR BOLTS EMBEDDED 12" w/ NUT+WASHER	SEE SEC. 20S2.0	1/2" x 8" BEAM FLANGE x 11"	MIN. 3/4" GROUT BELOW BASE PL.
C5	HSS4 6x4	1/2" x 6" x 10"	(4) 3/4" ANCHOR BOLTS EMBEDDED 8" w/ NUT+WASHER	SEE SEC. XXSIX	1/2" x 8" BEAM FLANGE x 10"	MIN. 3/4" GROUT BELOW BASE PL.



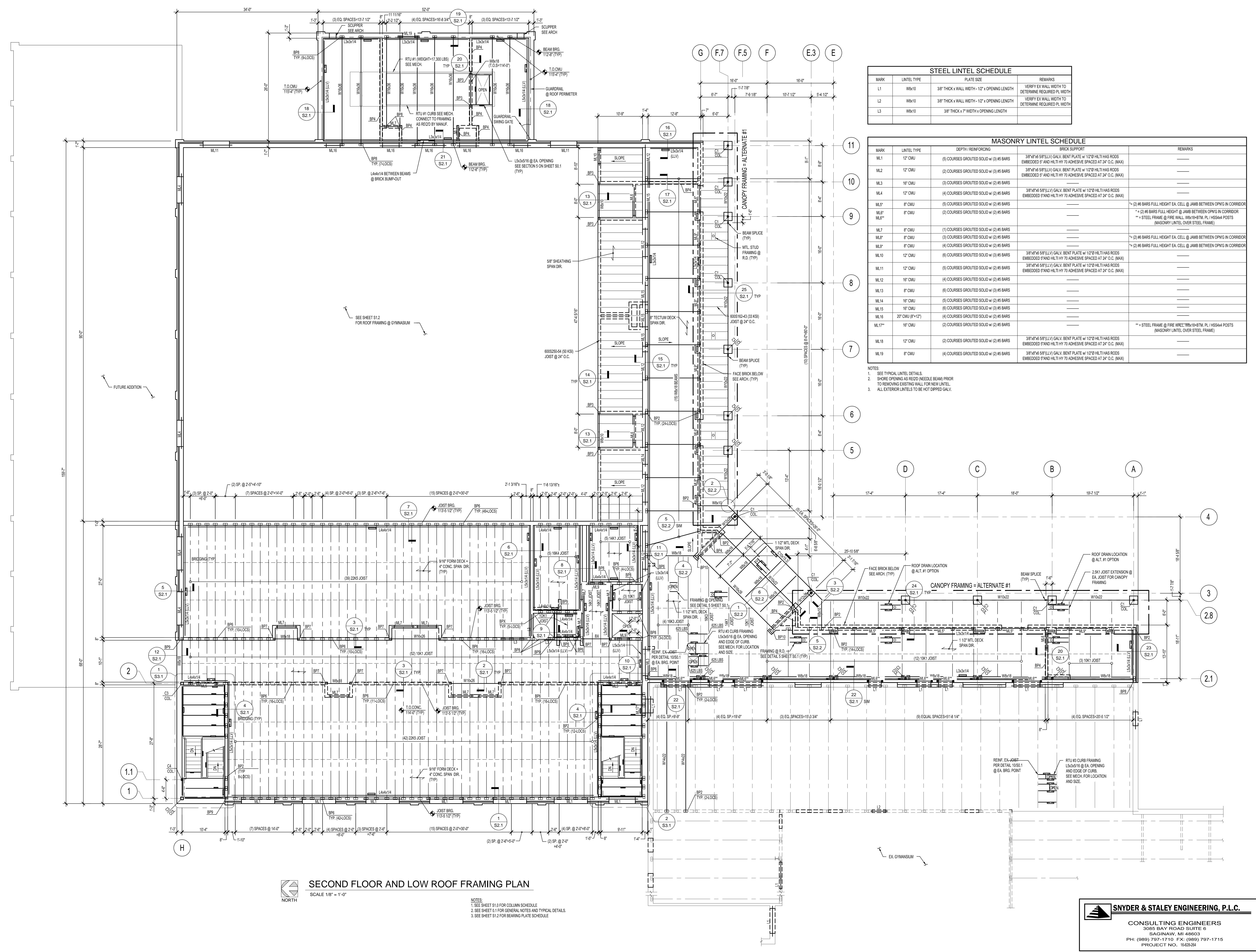
FOUNDATION PLAN
SCALE 1/8" = 1'-0"
NORTH

SNYDER & STALEY ENGINEERING, P.L.C.
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PROJECT NO. 16-228-204

STEEL LINTEL SCHEDULE			
MARK	LINTEL TYPE	PLATE SIZE	REMARKS
L1	WB10	3/8" THICK x WALL WIDTH - 1/2" x OPENING LENGTH	VERIFY EX WALL WIDTH TO DETERMINE REQUIRED PL. WIDTH
L2	WB10	3/8" THICK x WALL WIDTH - 1/2" x OPENING LENGTH	VERIFY EX WALL WIDTH TO DETERMINE REQUIRED PL. WIDTH
L3	WB10	3/8" THICK x 7' WIDTH x OPENING LENGTH	

MASONRY LINTEL SCHEDULE				
MARK	LINTEL TYPE	DEPTH / REINFORCING	BRICK SUPPORT	REMARKS
ML1	12" CMU	(5) COURSES GROUDED SOLID W/ (3) #5 BARS	3/8" x 6" 5/8" (LLV) GALV. BENT PLATE W/ 1/2" HLT HAS RODS EMBEDDED 5" AND HLT HY TO ADHESIVE SPACED AT 24" O.C. (MAX)	
ML2	12" CMU	(2) COURSES GROUDED SOLID W/ (3) #5 BARS	3/8" x 6" 5/8" (LLV) GALV. BENT PLATE W/ 1/2" HLT HAS RODS EMBEDDED 5" AND HLT HY TO ADHESIVE SPACED AT 24" O.C. (MAX)	
ML3	16" CMU	(3) COURSES GROUDED SOLID W/ (2) #5 BARS	3/8" x 6" 5/8" (LLV) GALV. BENT PLATE W/ 1/2" HLT HAS RODS EMBEDDED 5" AND HLT HY TO ADHESIVE SPACED AT 24" O.C. (MAX)	
ML4	12" CMU	(4) COURSES GROUDED SOLID W/ (2) #5 BARS	3/8" x 6" 5/8" (LLV) GALV. BENT PLATE W/ 1/2" HLT HAS RODS EMBEDDED 5" AND HLT HY TO ADHESIVE SPACED AT 24" O.C. (MAX)	
ML5*	8" CMU	(5) COURSES GROUDED SOLID W/ (2) #5 BARS		** (2) #5 BARS FULL HEIGHT EA. CELL @ JAMB BETWEEN OPVNG IN CORRIDOR
ML6*	8" CMU	(2) COURSES GROUDED SOLID W/ (2) #5 BARS		** (2) #5 BARS FULL HEIGHT @ JAMB BETWEEN OPVNG IN CORRIDOR ** = STEEL FRAME @ FIRE WALL, WB18x18x17M, PL. #SS44 POSTS (MASONRY LINTEL OVER STEEL FRAME)
ML7	8" CMU	(1) COURSE GROUDED SOLID W/ (2) #5 BARS		
ML8*	8" CMU	(3) COURSES GROUDED SOLID W/ (2) #5 BARS		** (2) #5 BARS FULL HEIGHT EA. CELL @ JAMB BETWEEN OPVNG IN CORRIDOR
ML9*	8" CMU	(4) COURSES GROUDED SOLID W/ (2) #5 BARS		** (2) #5 BARS FULL HEIGHT EA. CELL @ JAMB BETWEEN OPVNG IN CORRIDOR
ML10	12" CMU	(6) COURSES GROUDED SOLID W/ (3) #5 BARS	3/8" x 6" 5/8" (LLV) GALV. BENT PLATE W/ 1/2" HLT HAS RODS EMBEDDED 5" AND HLT HY TO ADHESIVE SPACED AT 24" O.C. (MAX)	
ML11	12" CMU	(5) COURSES GROUDED SOLID W/ (2) #5 BARS	3/8" x 6" 5/8" (LLV) GALV. BENT PLATE W/ 1/2" HLT HAS RODS EMBEDDED 5" AND HLT HY TO ADHESIVE SPACED AT 24" O.C. (MAX)	
ML12	16" CMU	(4) COURSES GROUDED SOLID W/ (2) #5 BARS		
ML13	8" CMU	(6) COURSES GROUDED SOLID W/ (3) #5 BARS		
ML14	16" CMU	(5) COURSES GROUDED SOLID W/ (2) #5 BARS		
ML15	16" CMU	(6) COURSES GROUDED SOLID W/ (3) #5 BARS		
ML16	20" CMU (8" x 12")	(4) COURSES GROUDED SOLID W/ (2) #5 BARS		
ML17*	16" CMU	(2) COURSES GROUDED SOLID W/ (2) #5 BARS		** = STEEL FRAME @ FIRE WALL, WB18x18x17M, PL. #SS44 POSTS (MASONRY LINTEL OVER STEEL FRAME)
ML18	12" CMU	(2) COURSES GROUDED SOLID W/ (2) #5 BARS	3/8" x 6" 5/8" (LLV) GALV. BENT PLATE W/ 1/2" HLT HAS RODS EMBEDDED 5" AND HLT HY TO ADHESIVE SPACED AT 24" O.C. (MAX)	
ML19	8" CMU	(4) COURSES GROUDED SOLID W/ (2) #5 BARS	3/8" x 6" 5/8" (LLV) GALV. BENT PLATE W/ 1/2" HLT HAS RODS EMBEDDED 5" AND HLT HY TO ADHESIVE SPACED AT 24" O.C. (MAX)	

NOTES:
1. SEE TYPICAL LINTEL DETAILS.
2. SHORE OPENING AS REQ'D. (NEEDLE BEAM) PRIOR TO REMOVING EXISTING WALL FOR NEW LINTEL.
3. ALL EXTERIOR LINTELS TO BE NOT DIPPED GALV.



SECOND FLOOR AND LOW ROOF FRAMING PLAN
SCALE 1/8" = 1'-0"

NOTES:
1. SEE SHEET S1.0 FOR COLUMN SCHEDULE
2. SEE SHEET I.1 FOR GENERAL NOTES AND TYPICAL DETAILS.
3. SEE SHEET S1.2 FOR BEARING PLATE SCHEDULE

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PROJECT NO. 16-228-264

IMMANUEL LUTHERAN CHURCH & SCHOOL
CLASSROOM AND GYMNASIUM ADDITION
47120 Romeo Plank Road, Macomb, MI 48044

ROOF FRAMING PLAN,
SPECIAL JOIST SP1, AND
SCHEDULE

PRELIMINARY
DESIGN DEVELOPMENT
CONSTRUCTION
FINAL RECORD

DRAWN BY: CAM
CHECKED BY: JWG

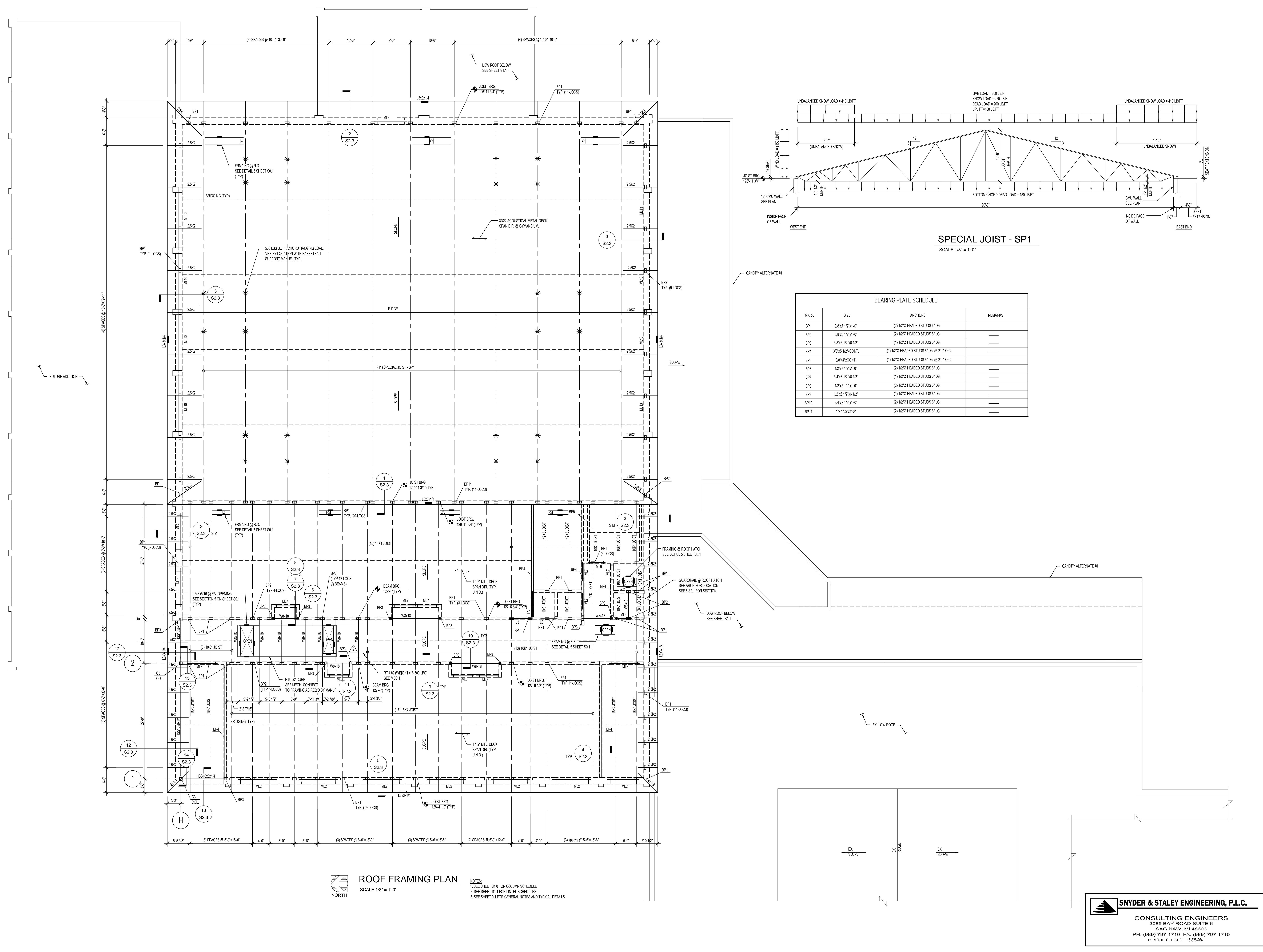
REVISIONS
CONSTRUCTION SET 04/25/17

DATE: 03/10/17
SHEET NO.

S1.2

JOB NO.
141594

SNYDER & STALEY ENGINEERING, P.L.C.
CONSULTING ENGINEERS
3085 BAY ROAD SUITE 6
SAGINAW, MI 48663
PH: (989) 797-1710 FX: (989) 797-1715
PROJECT NO. 16-28-264



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

IMMANUEL LUTHERAN CHURCH & SCHOOL CLASSROOM AND GYMNASIUM ADDITION 47120 Romeo Plank Road, Macomb, MI 48044

FOUNDATION SECTIONS

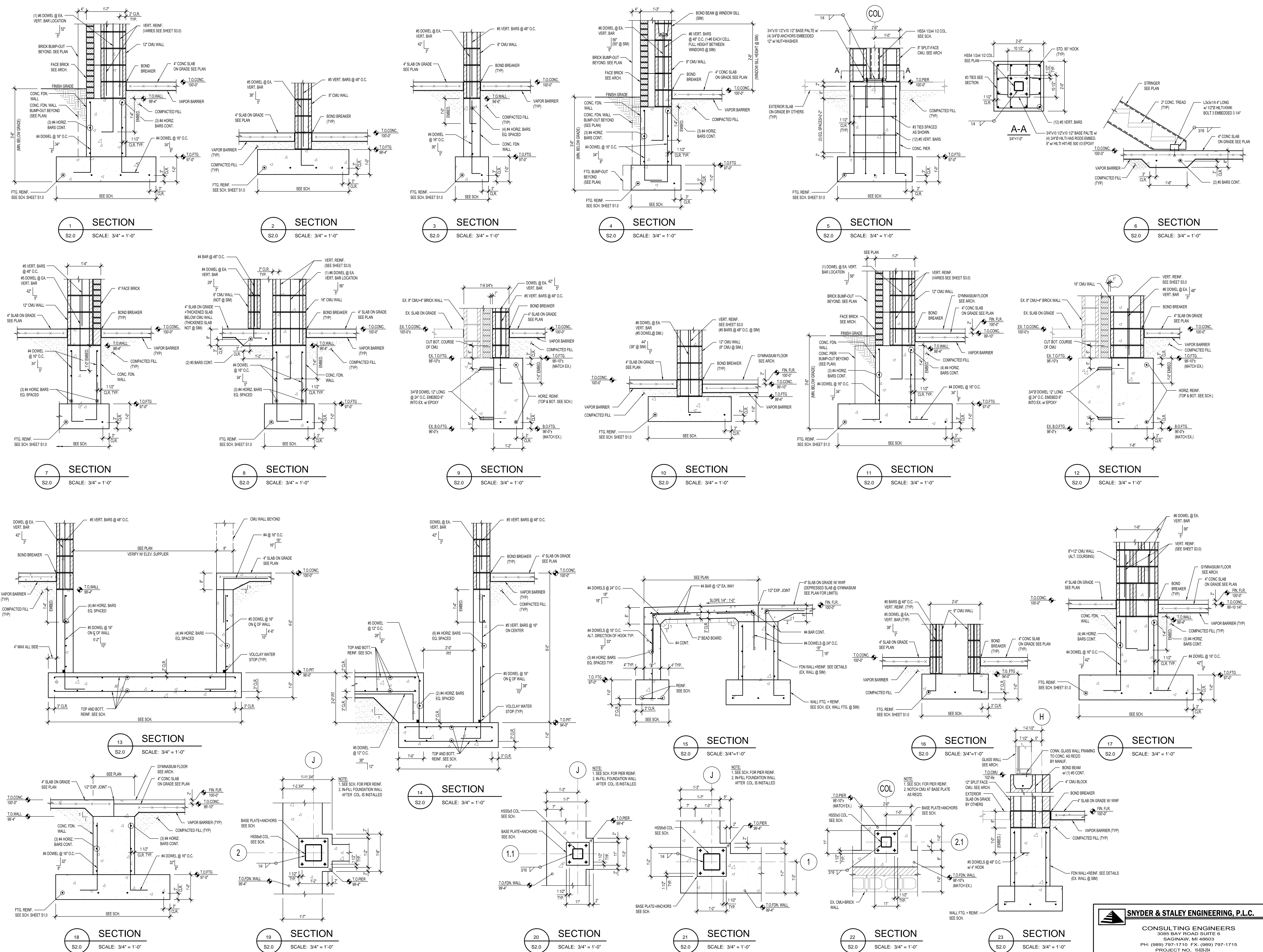
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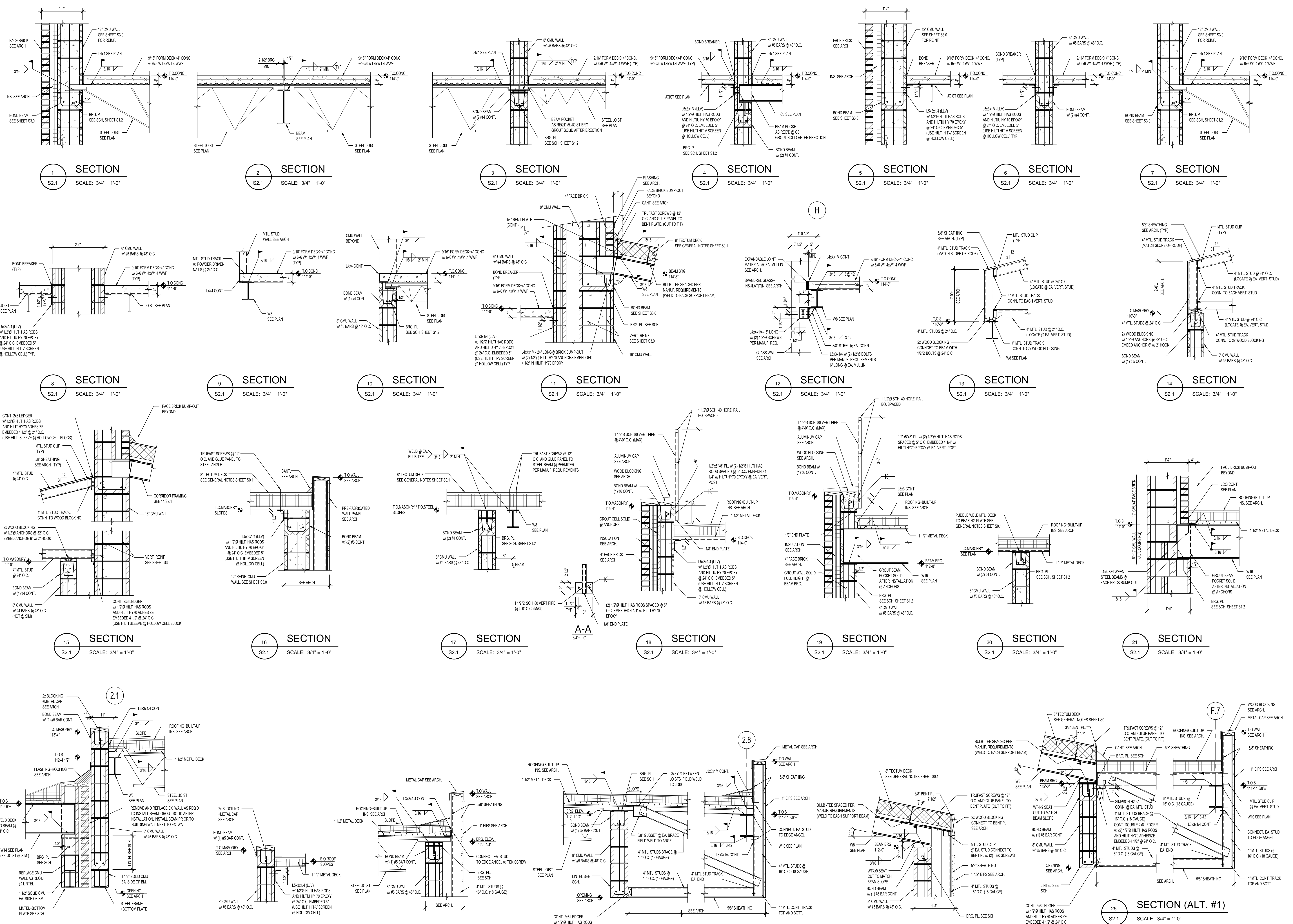
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S2.0

JOB NO. 141594

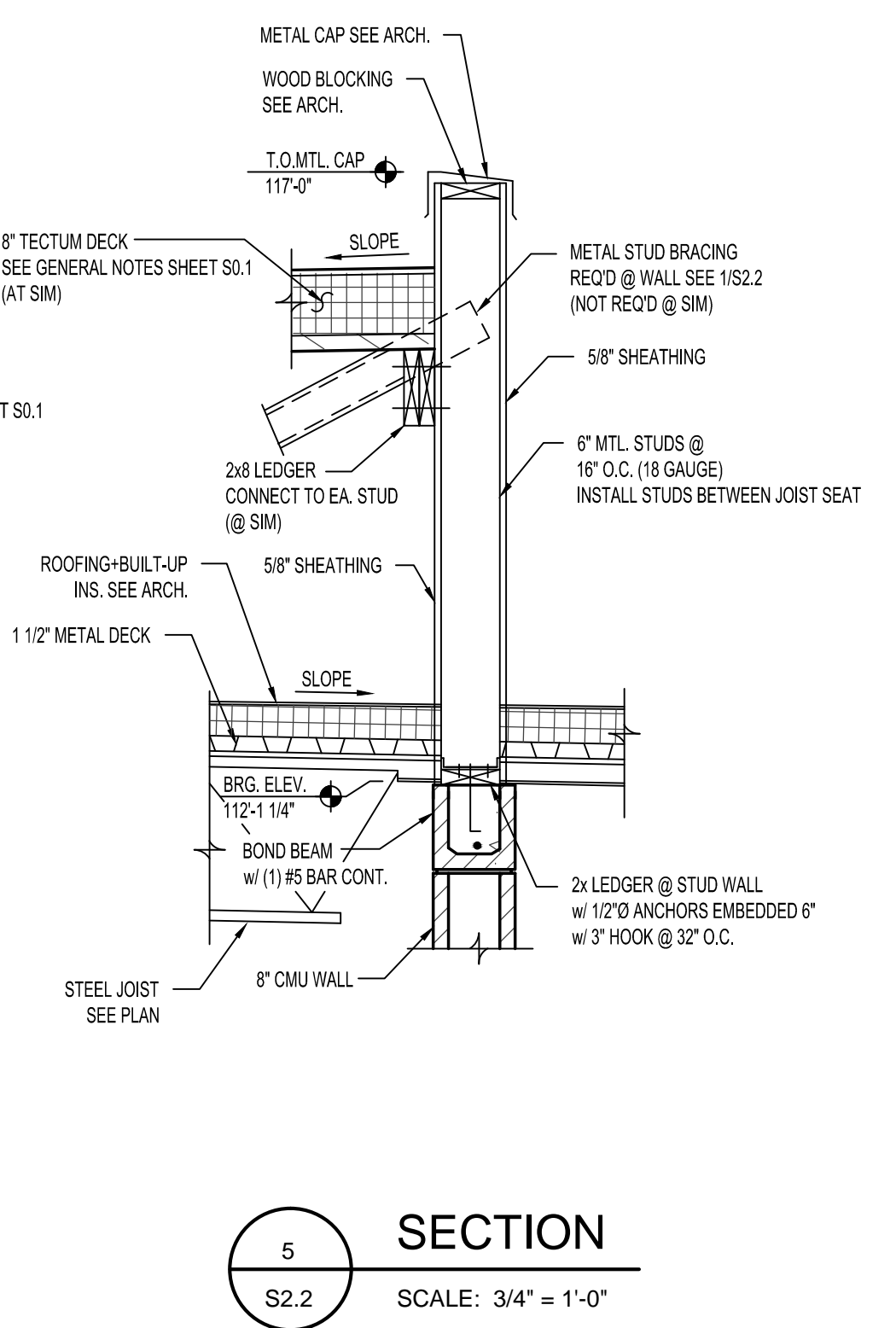
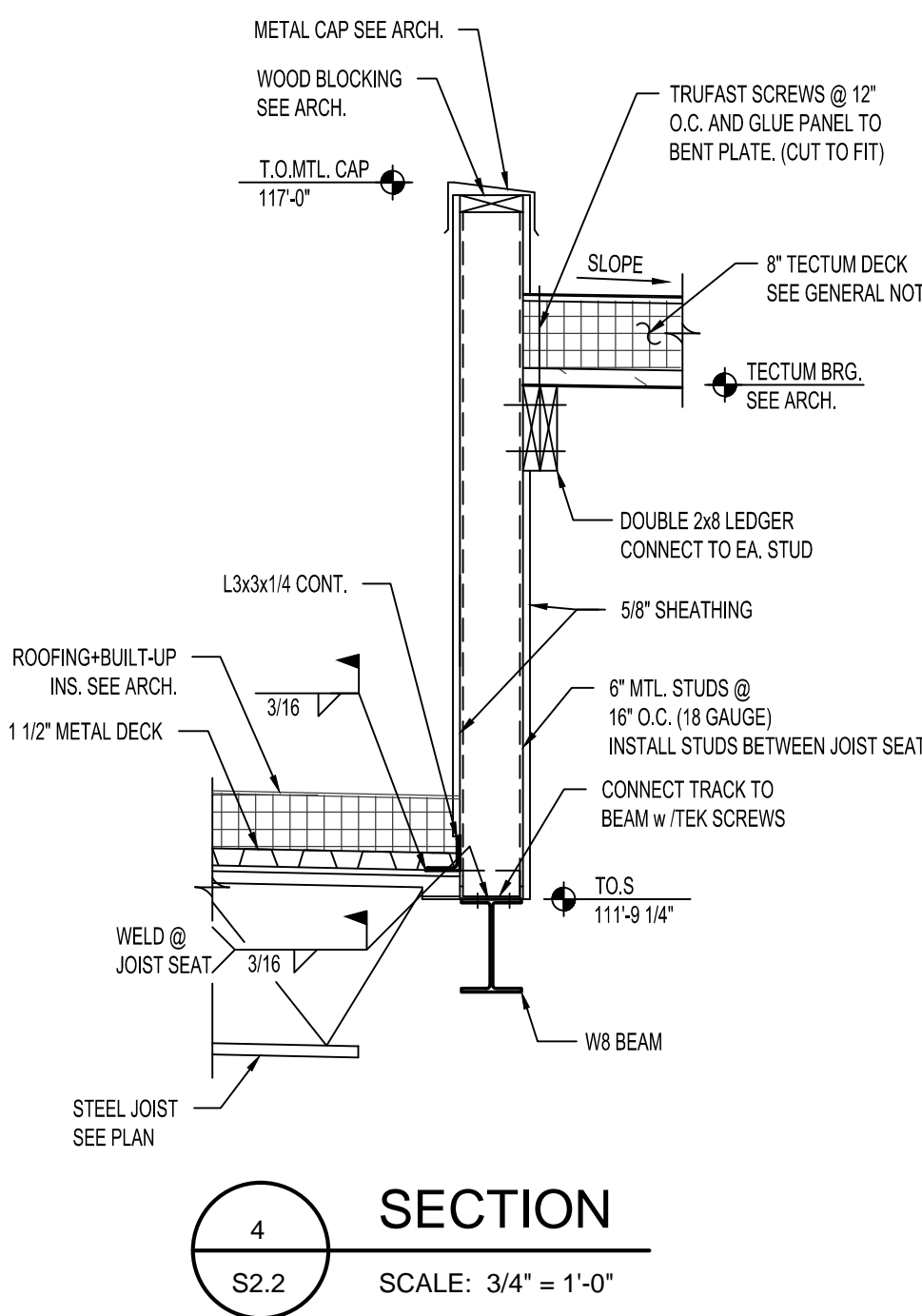
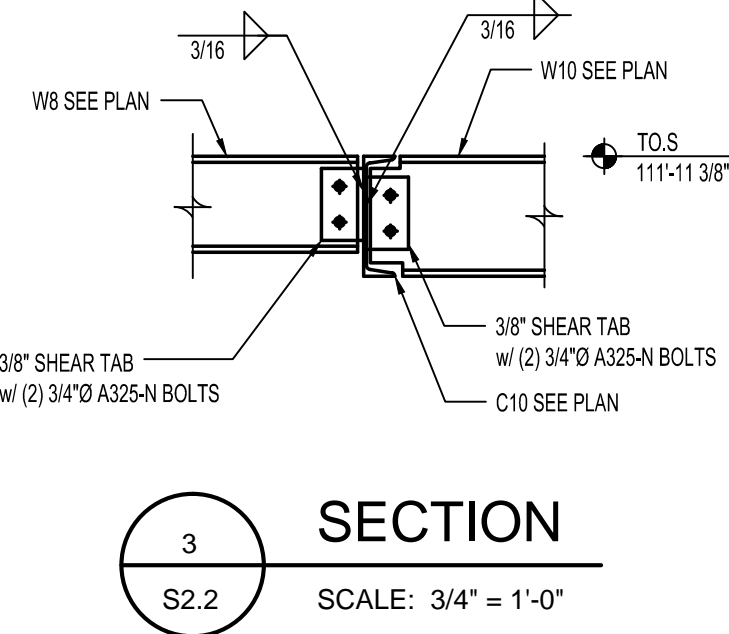
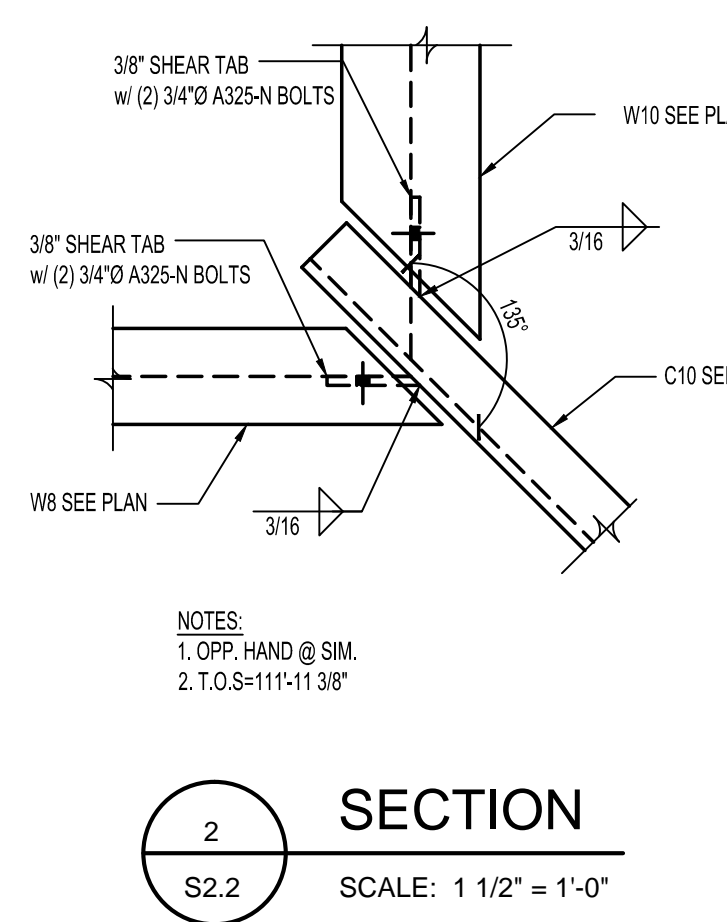
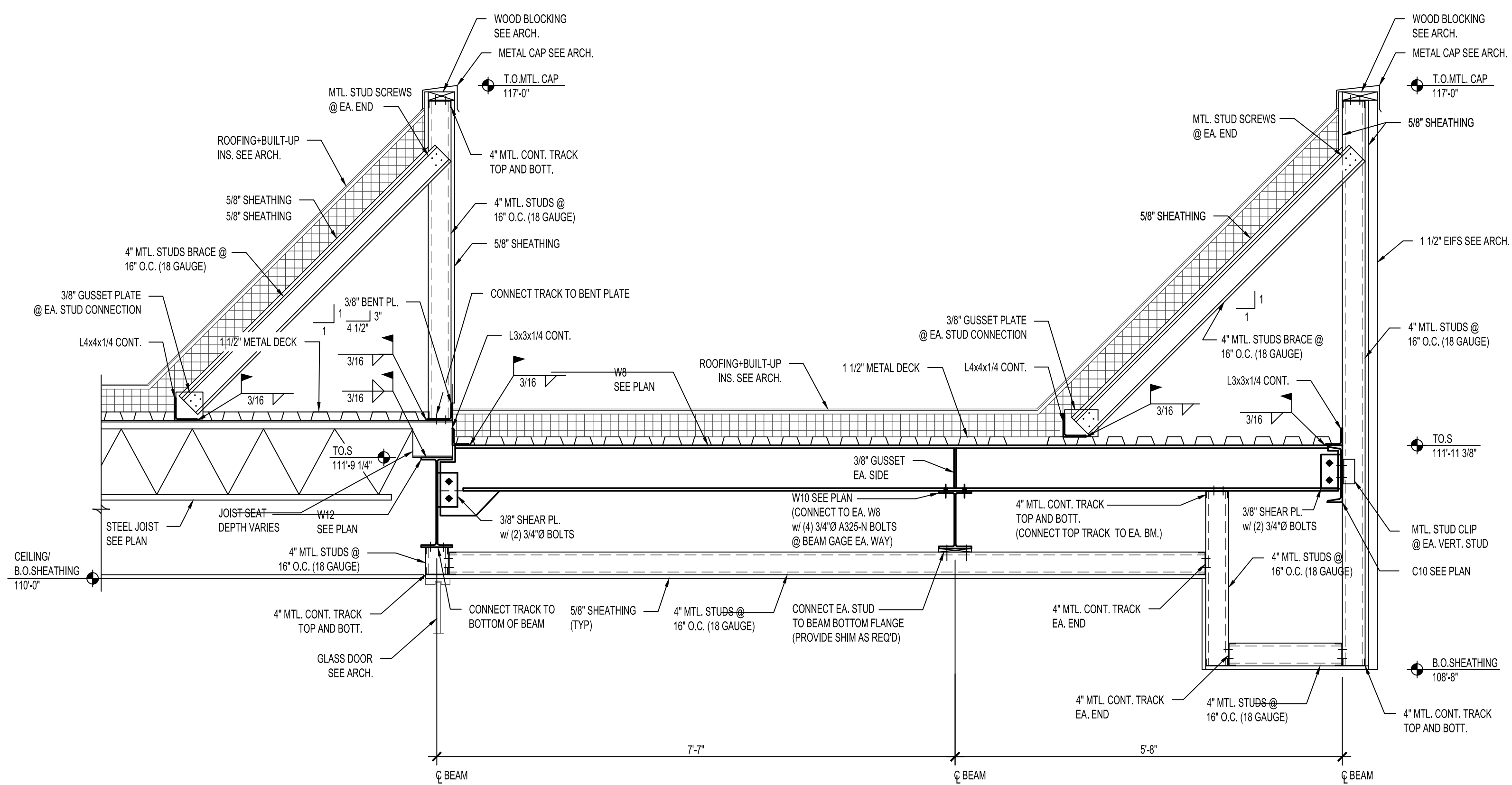
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 CONSULTING ENGINEERS
 3085 BAY ROAD SUITE 6
 SAGINAW, MI 48603
 PH: (989) 797-1710 FX: (989) 797-1715
 PROJECT NO. 16-28-204



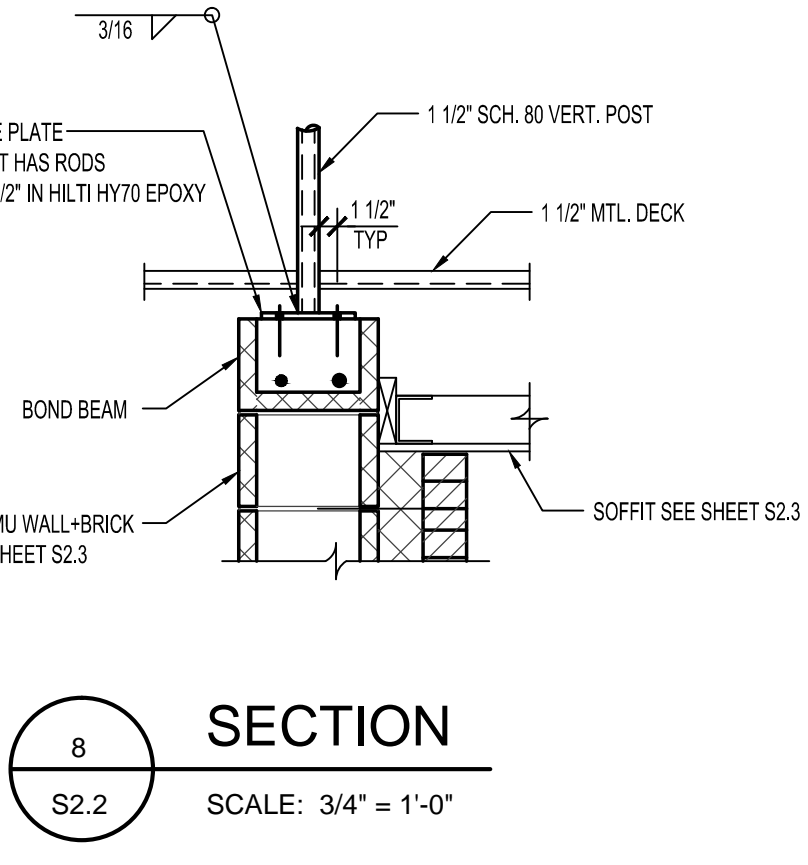
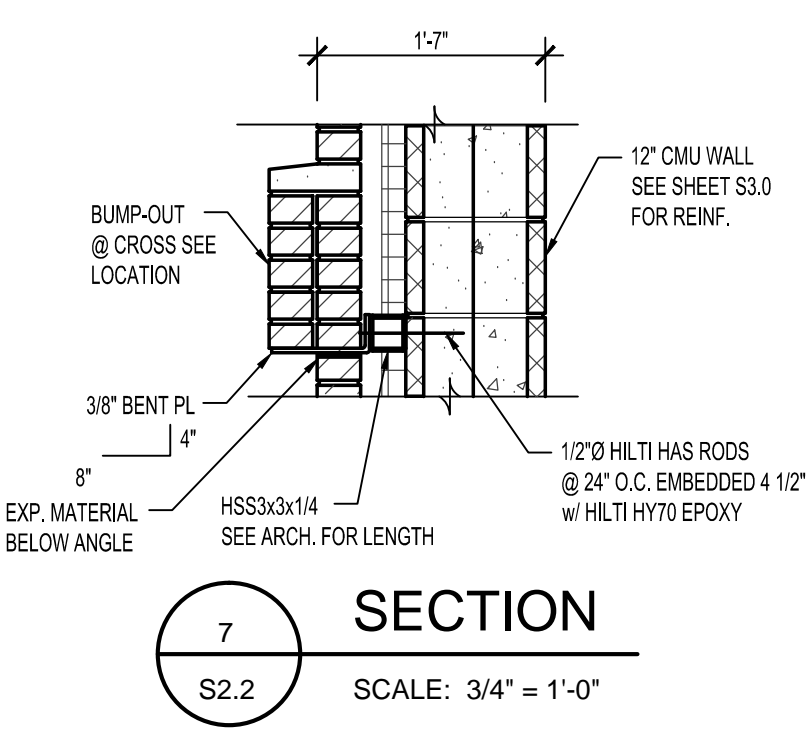
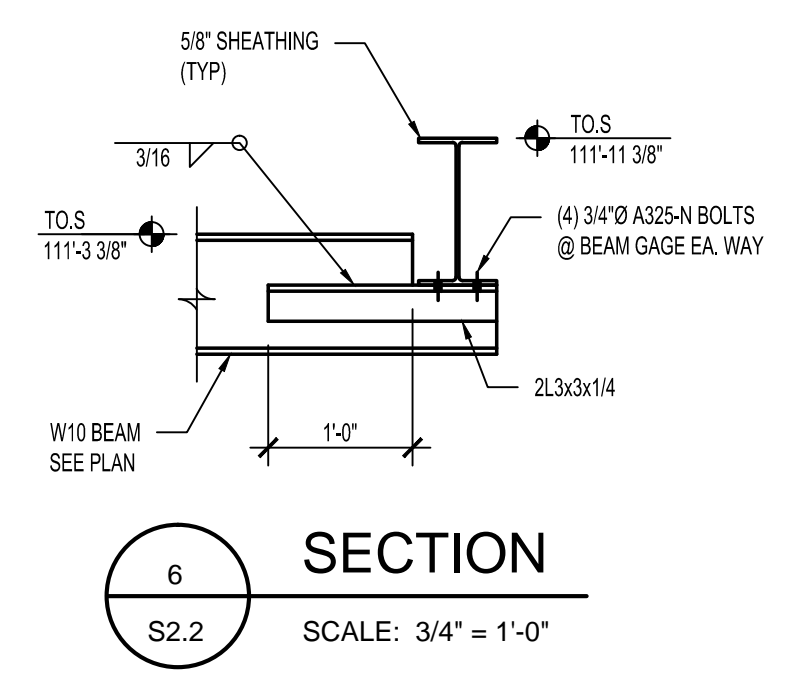


SECTIONS
PRELIMINARY
DESIGN DEVELOPMENT
CONSTRUCTION
FINAL RECORD
DRAWN BY: CAM
CHECKED BY: JWQ
REVISIONS
CONSTRUCTION SET
DATE: 03/10/17
SHEET NO.

**IMMANUEL LUTHERAN CHURCH & SCHOOL
CLASSROOM AND GYMNASIUM ADDITION**
47120 Romeo Plank Road, Macomb, MI 48044



SECTION 1
SCALE: 3/4" = 1'-0"

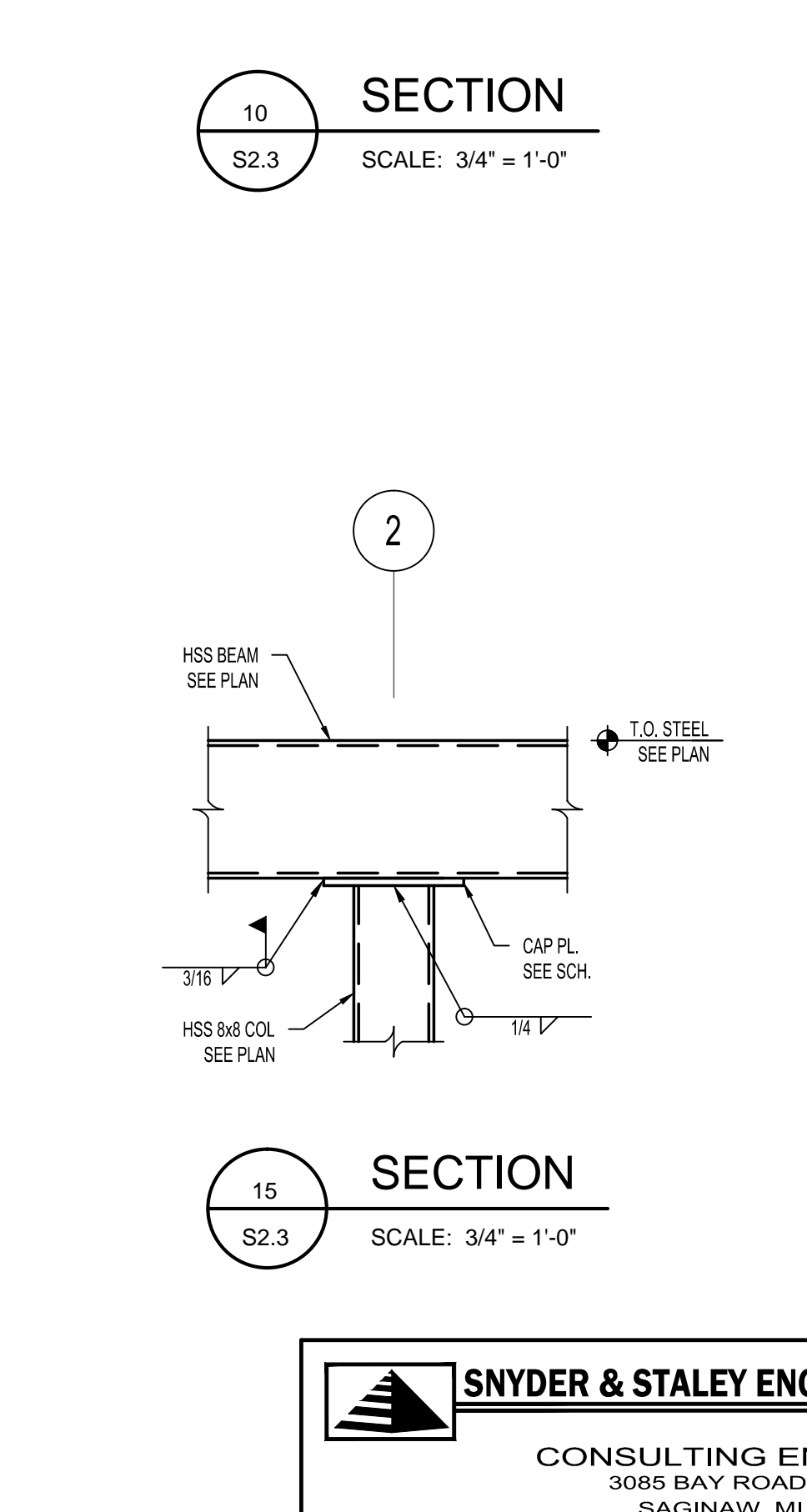
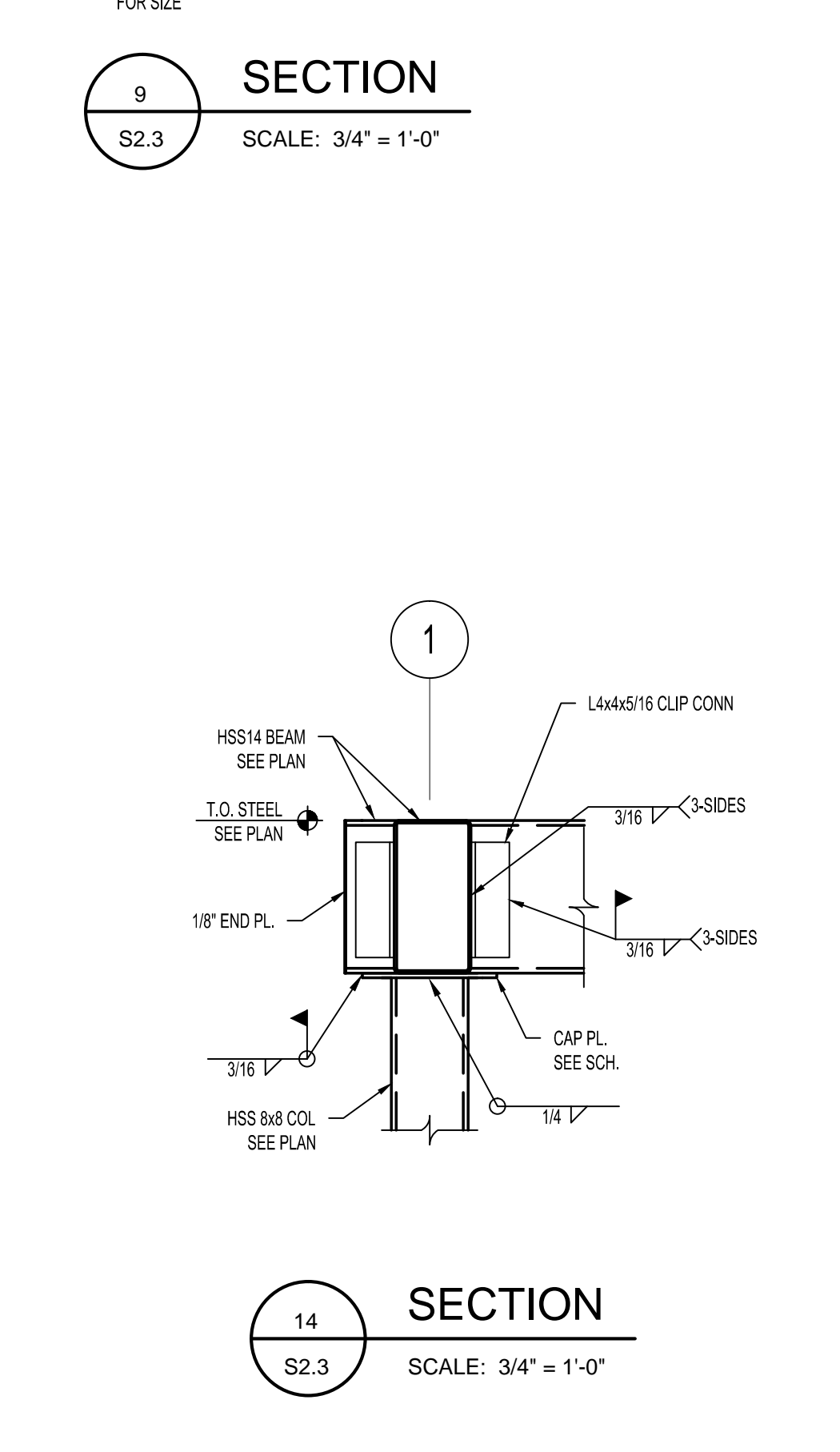
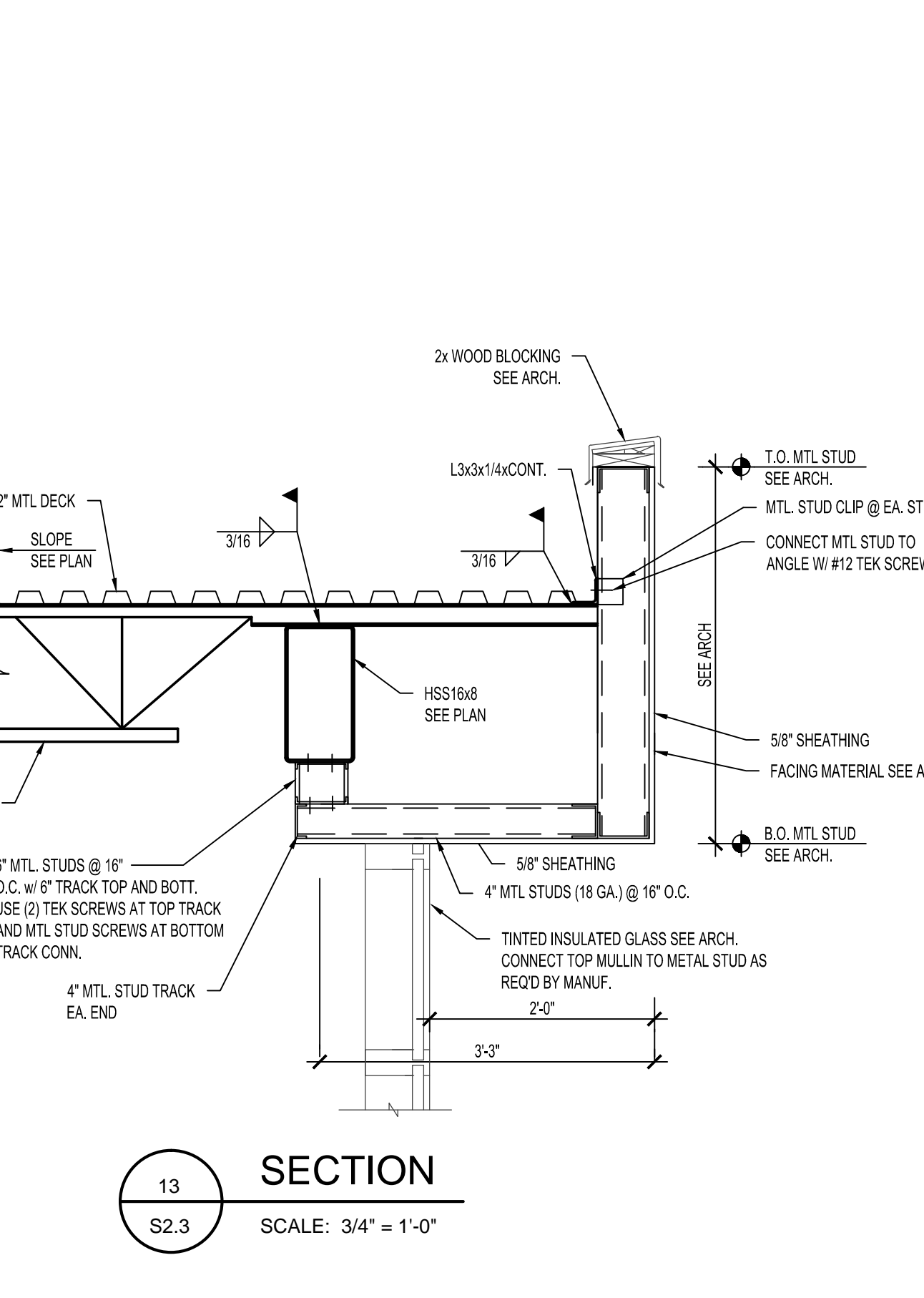
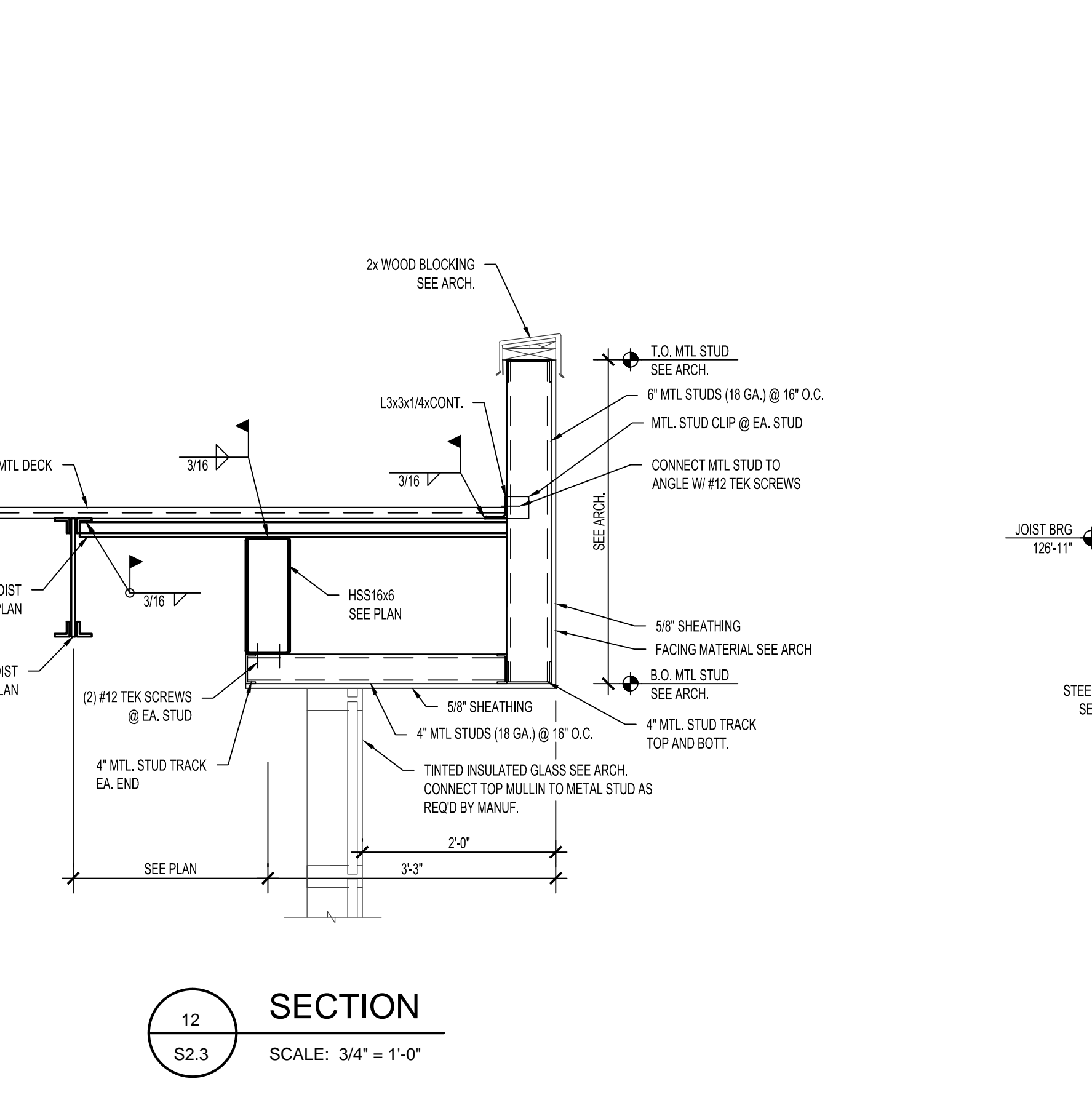
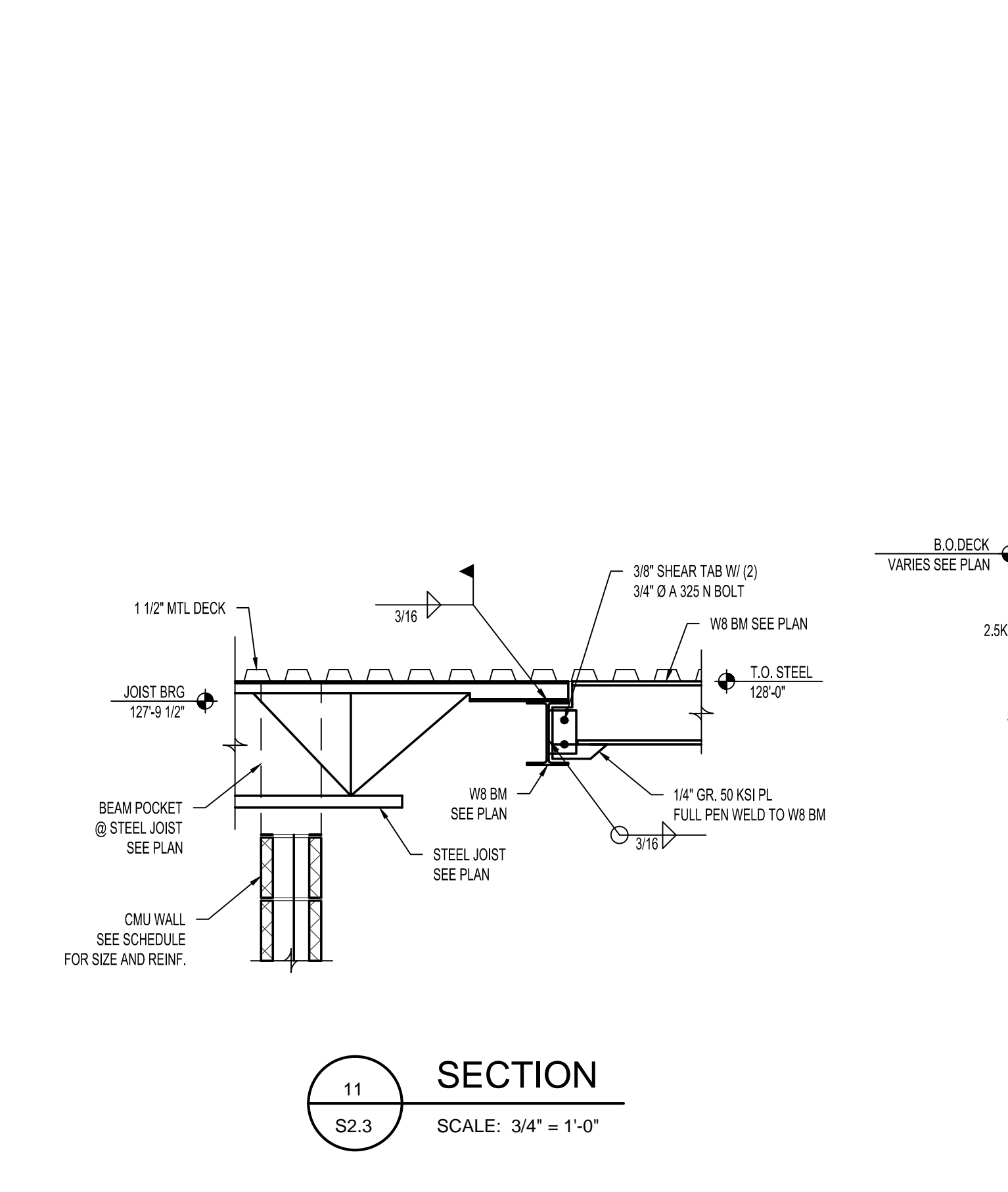
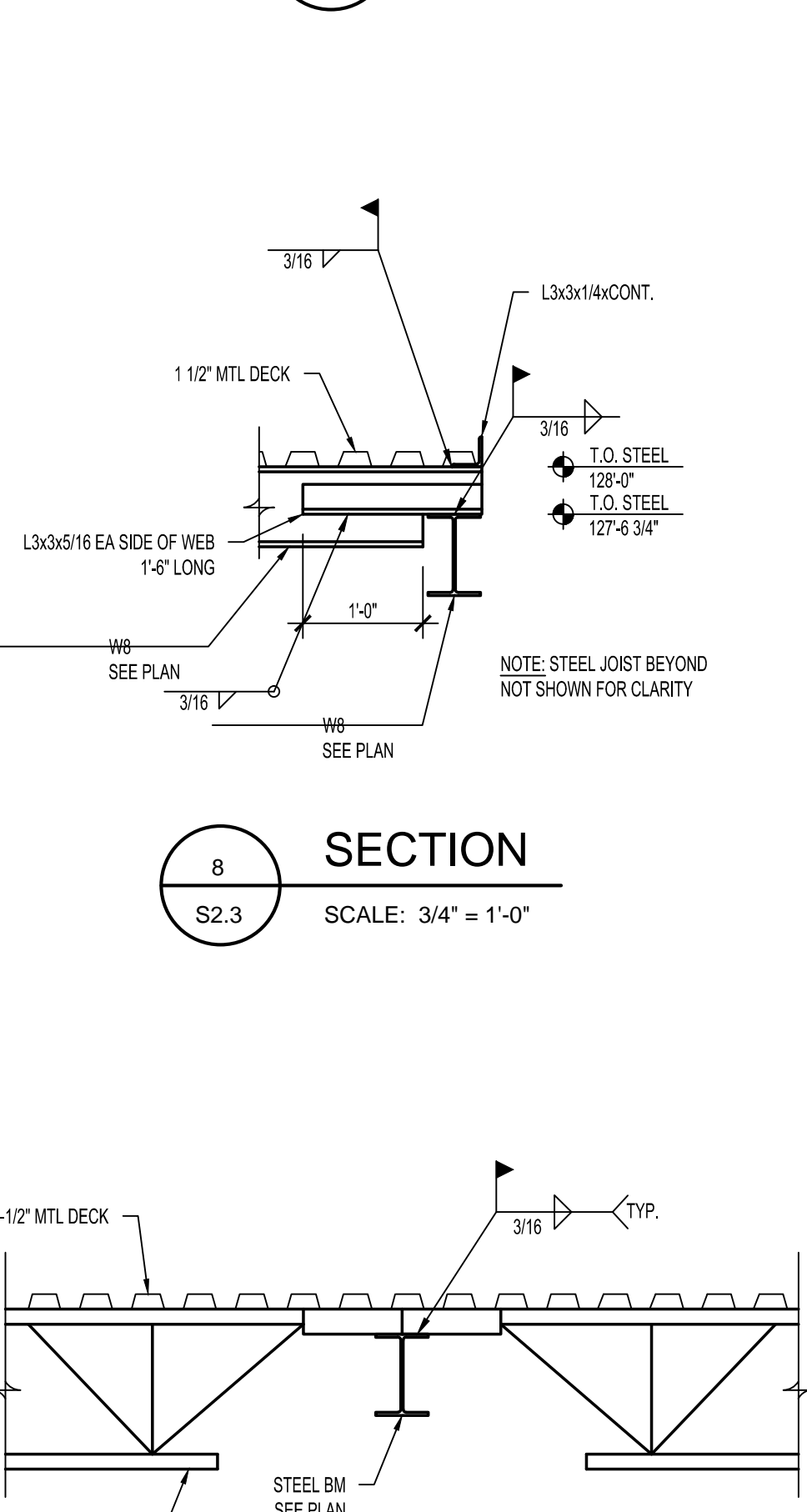
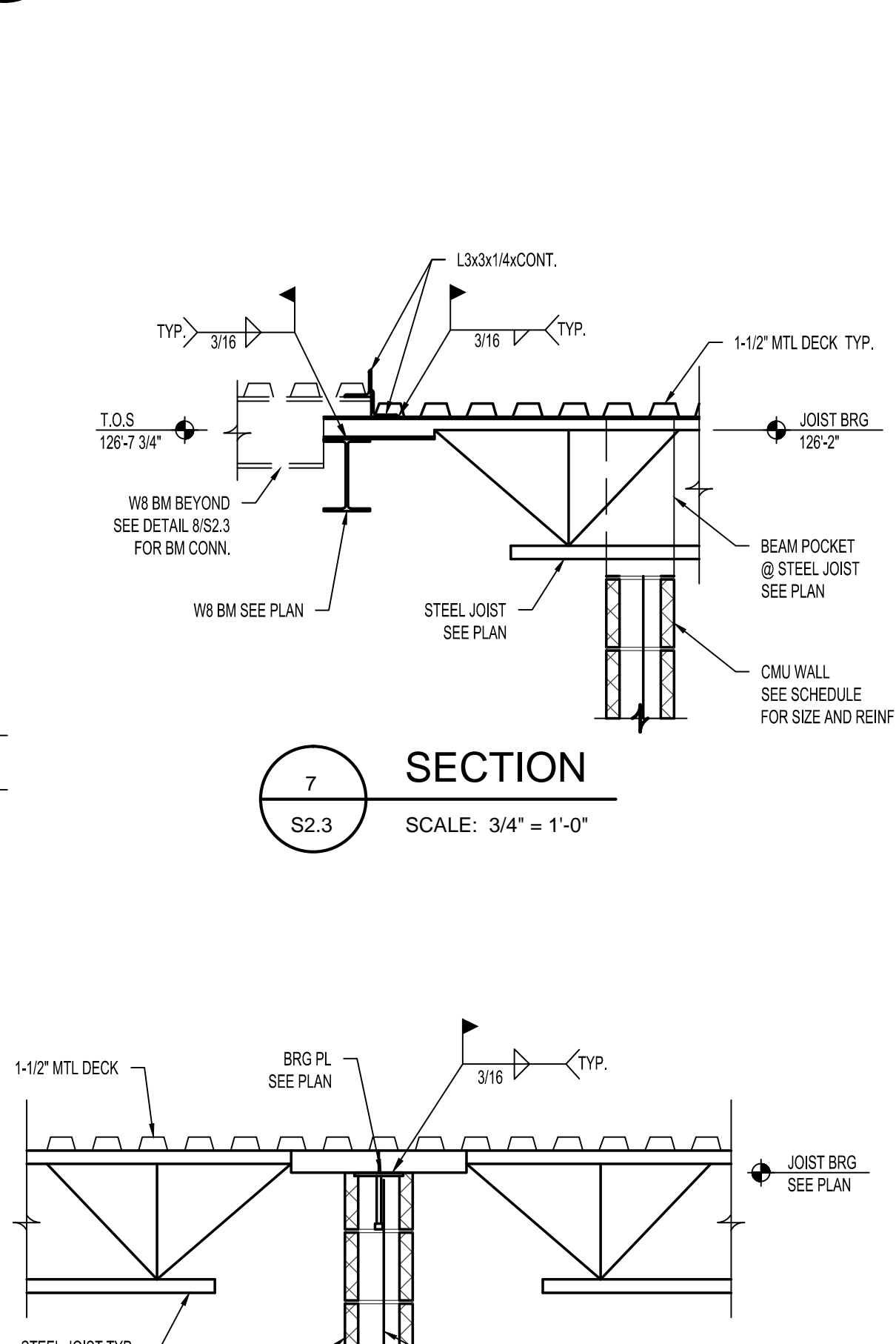
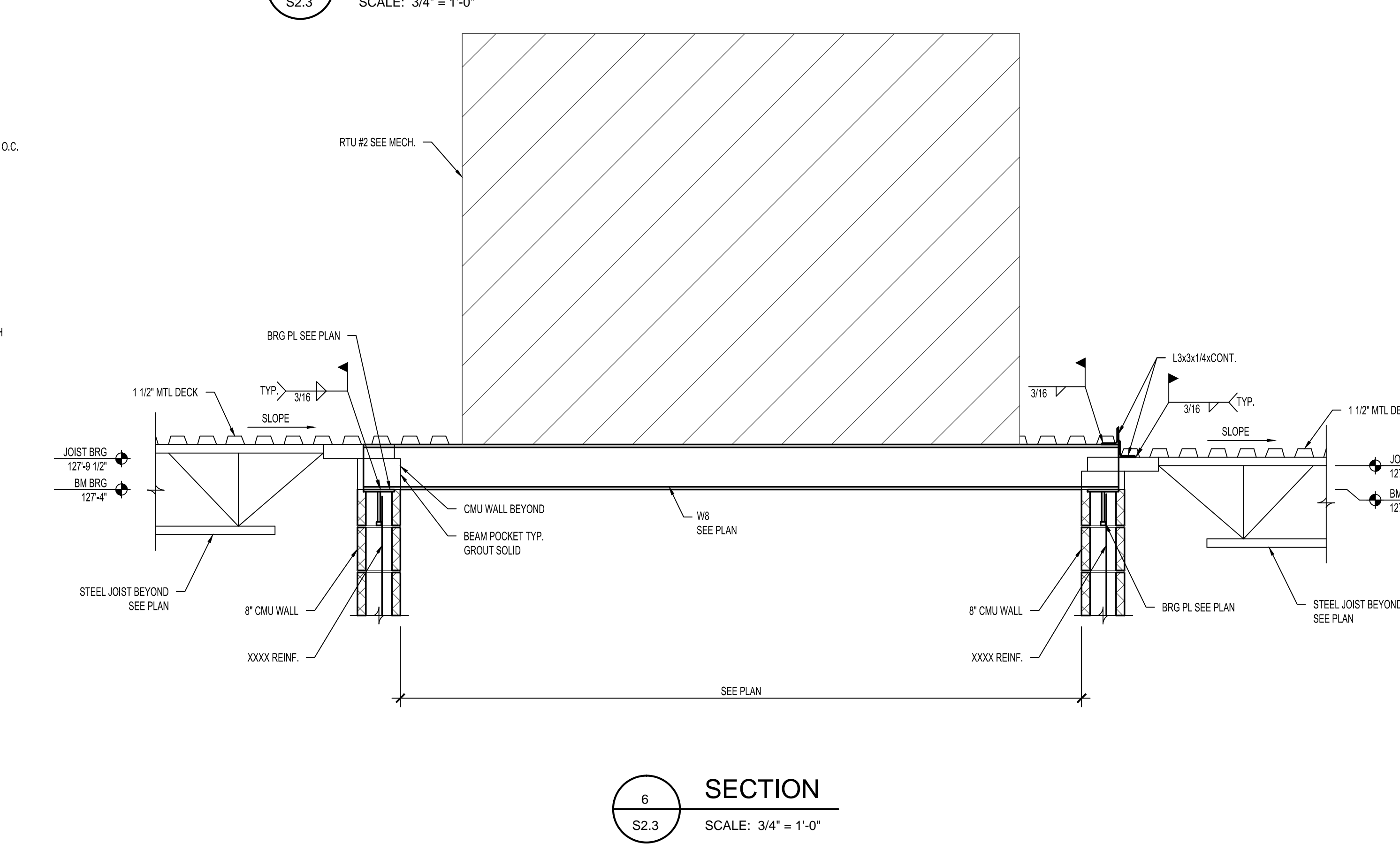
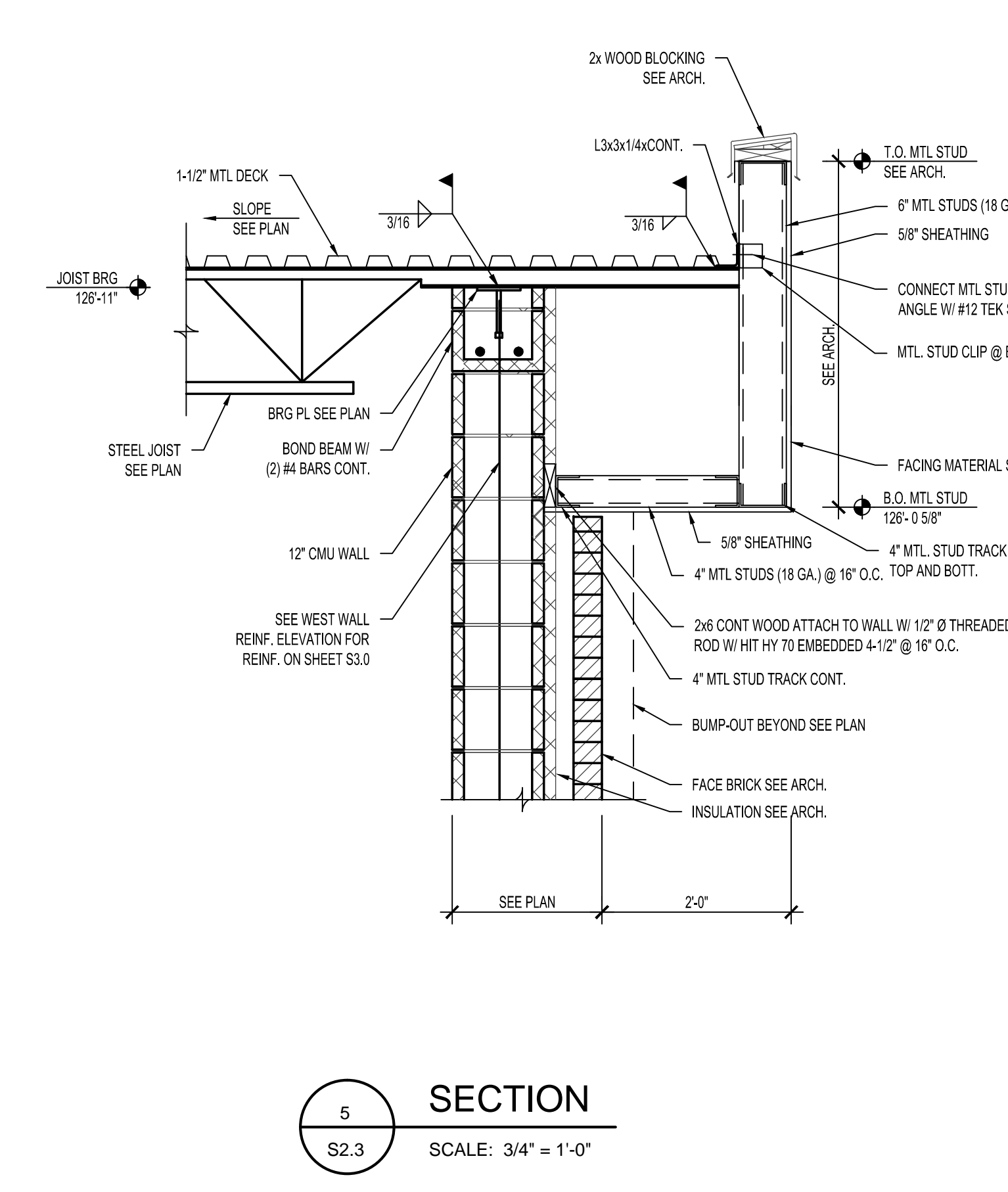
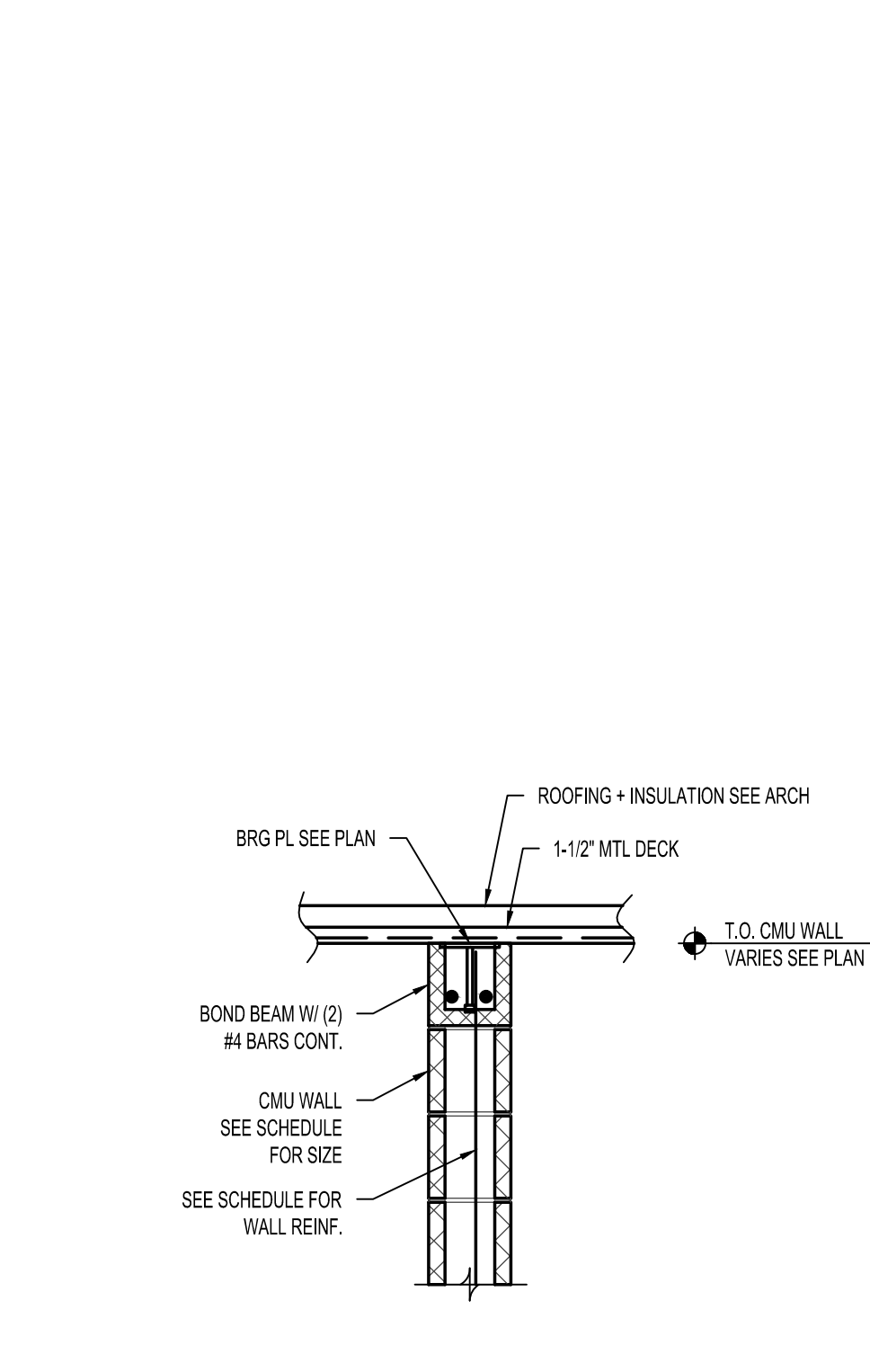
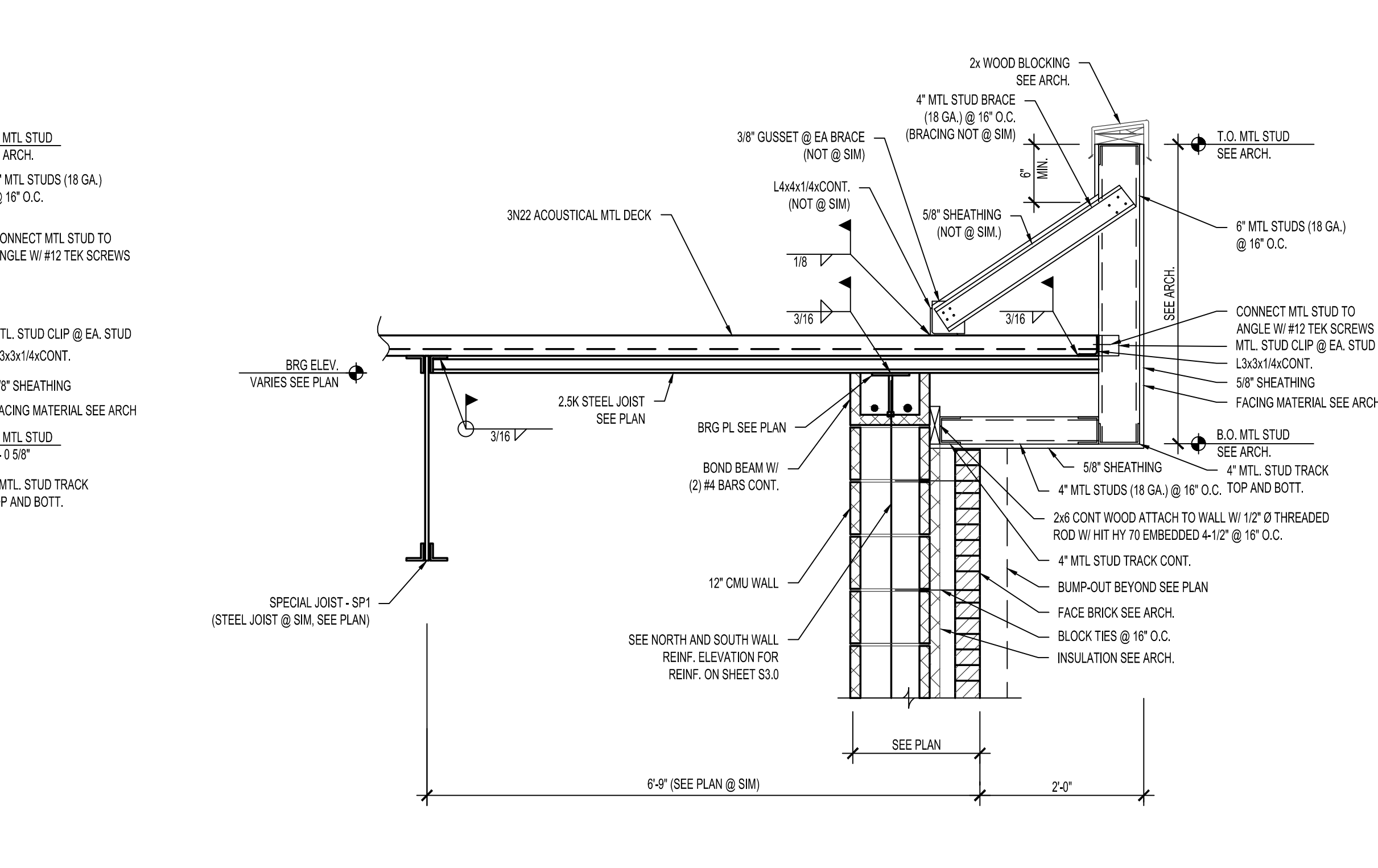
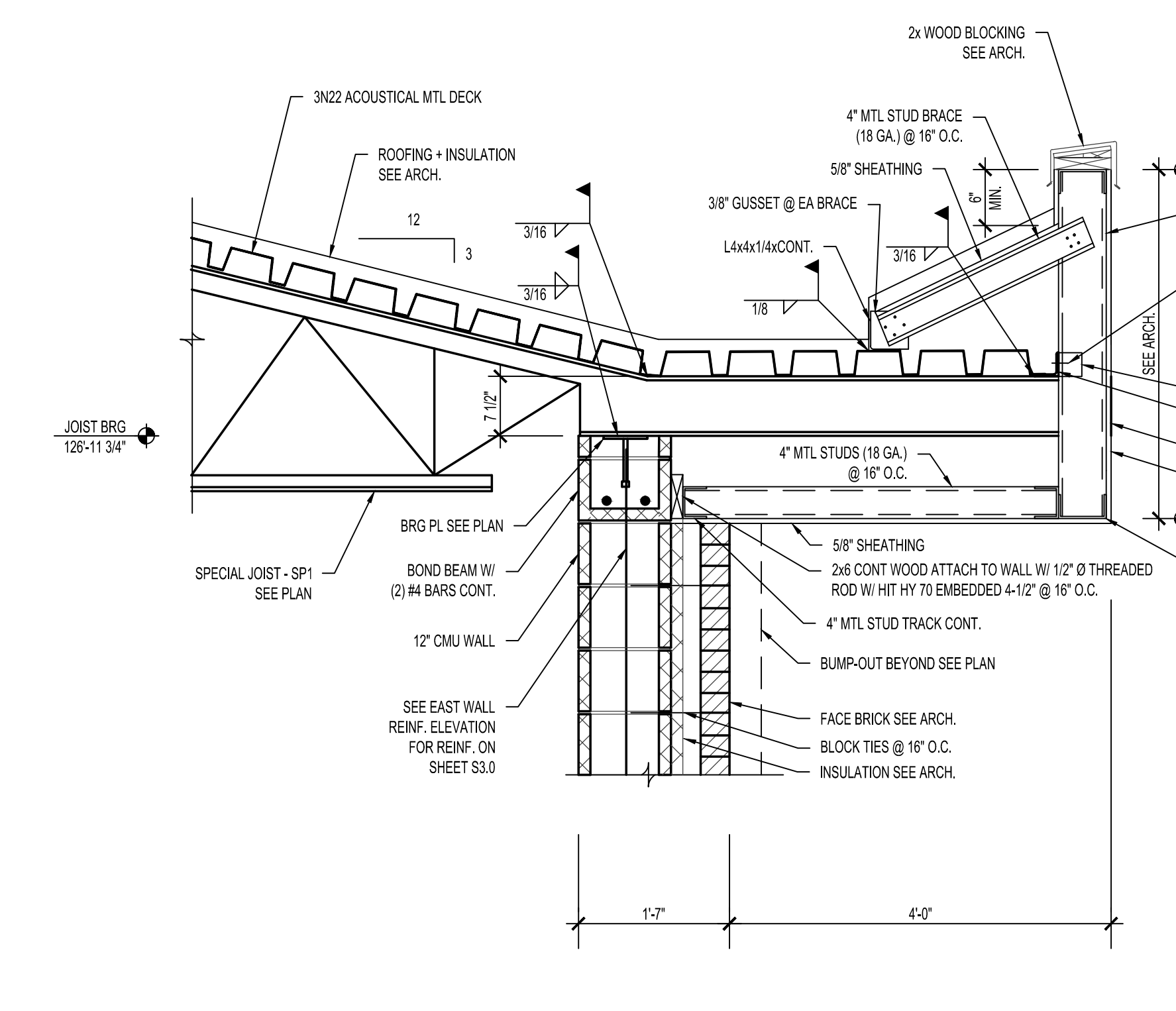
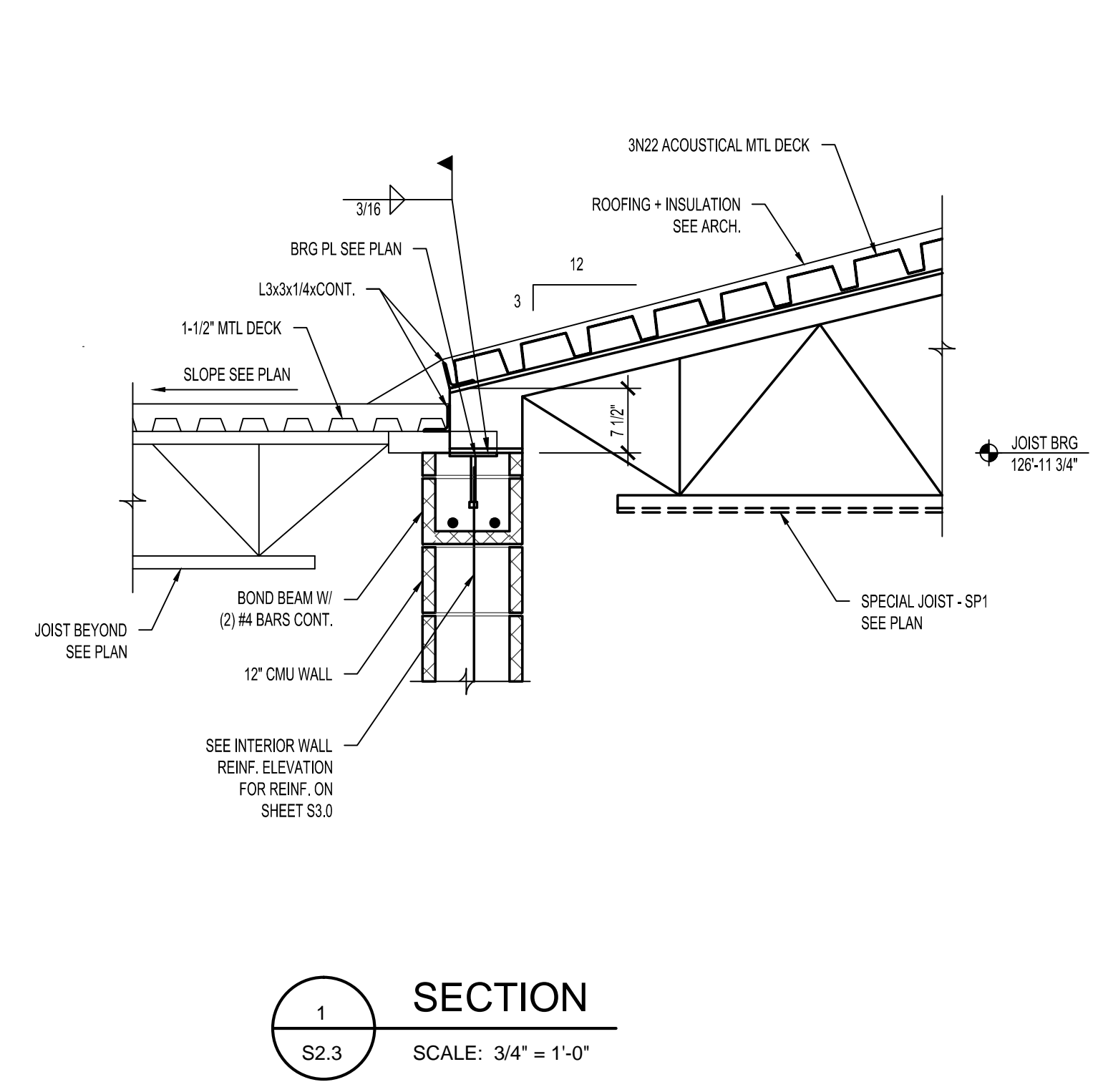


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REVISIONS	
CONSTRUCTION SET	06/2017
DATE:	03/10/17
SHEET NO.	
JOB NO.	141594

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PROJECT NO.: 140204

S2.2

IMMANUEL LUTHERAN CHURCH & SCHOOL
CLASSROOM AND GYMNASIUM ADDITION
47120 Romeo Plank Road, Macomb, MI 48044



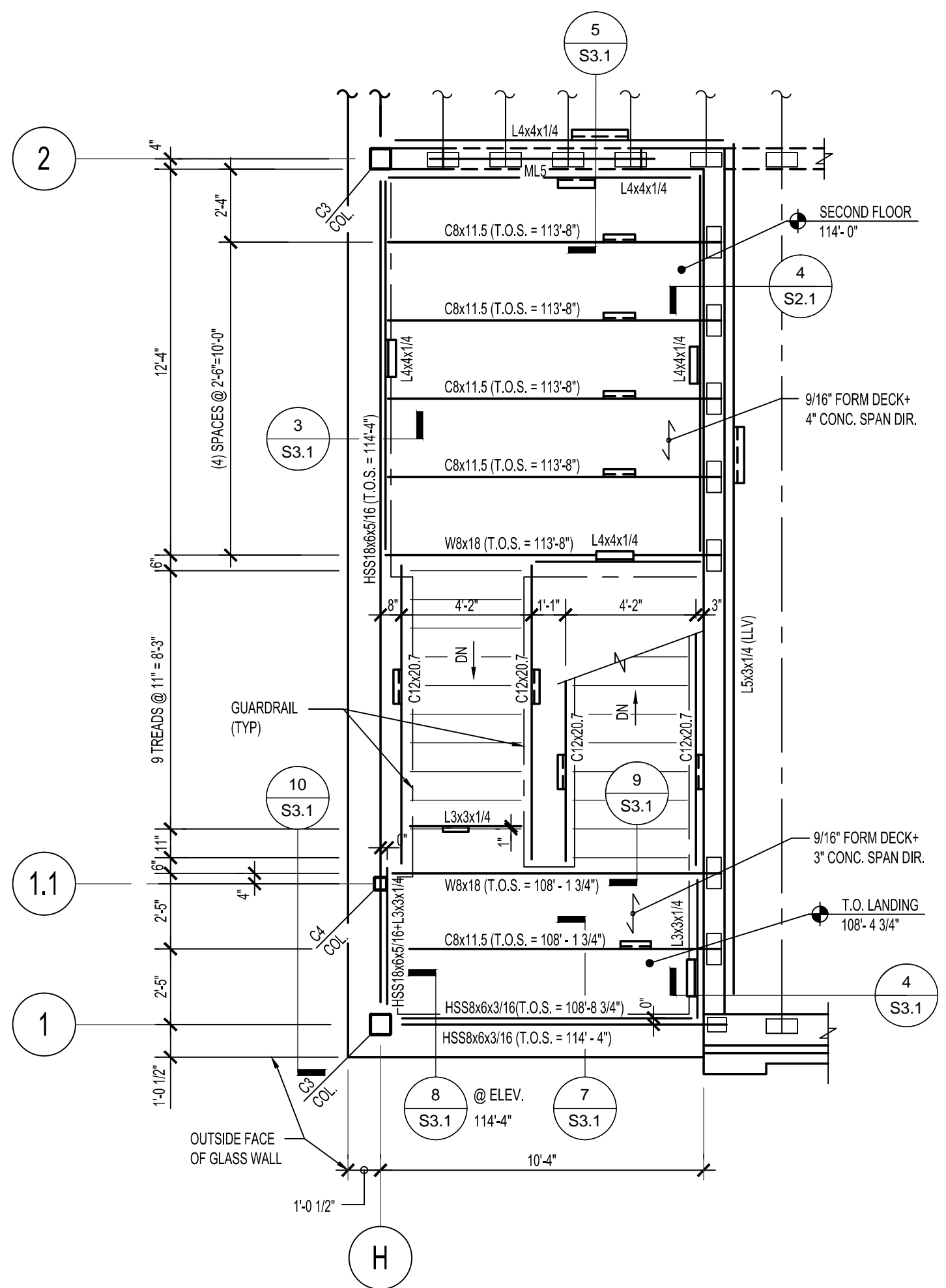
SECTIONS

- PRELIMINARY
- DESIGN DEVELOPMENT
- CONSTRUCTION
- FINAL RECORD
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- CHECKED BY JWQ
- REVISIONS
- COB/100/100/SET 04/2017

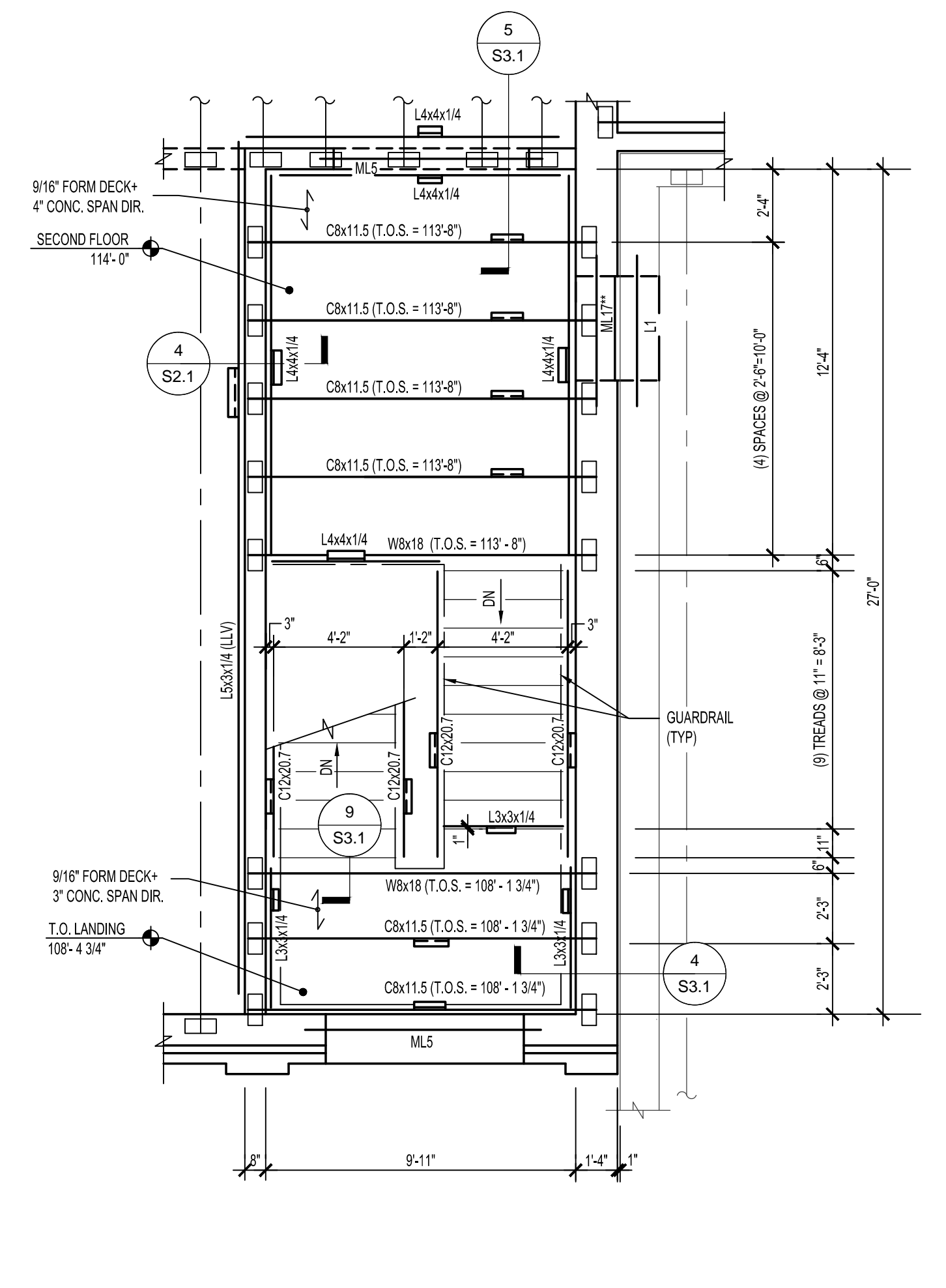
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SNYDER & STALEY ENGINEERING, P.L.C.
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SAGINAW, MI 48603
PH: (989) 797-1710 FAX: (989) 797-1715
PROJECT NO. 16428-24

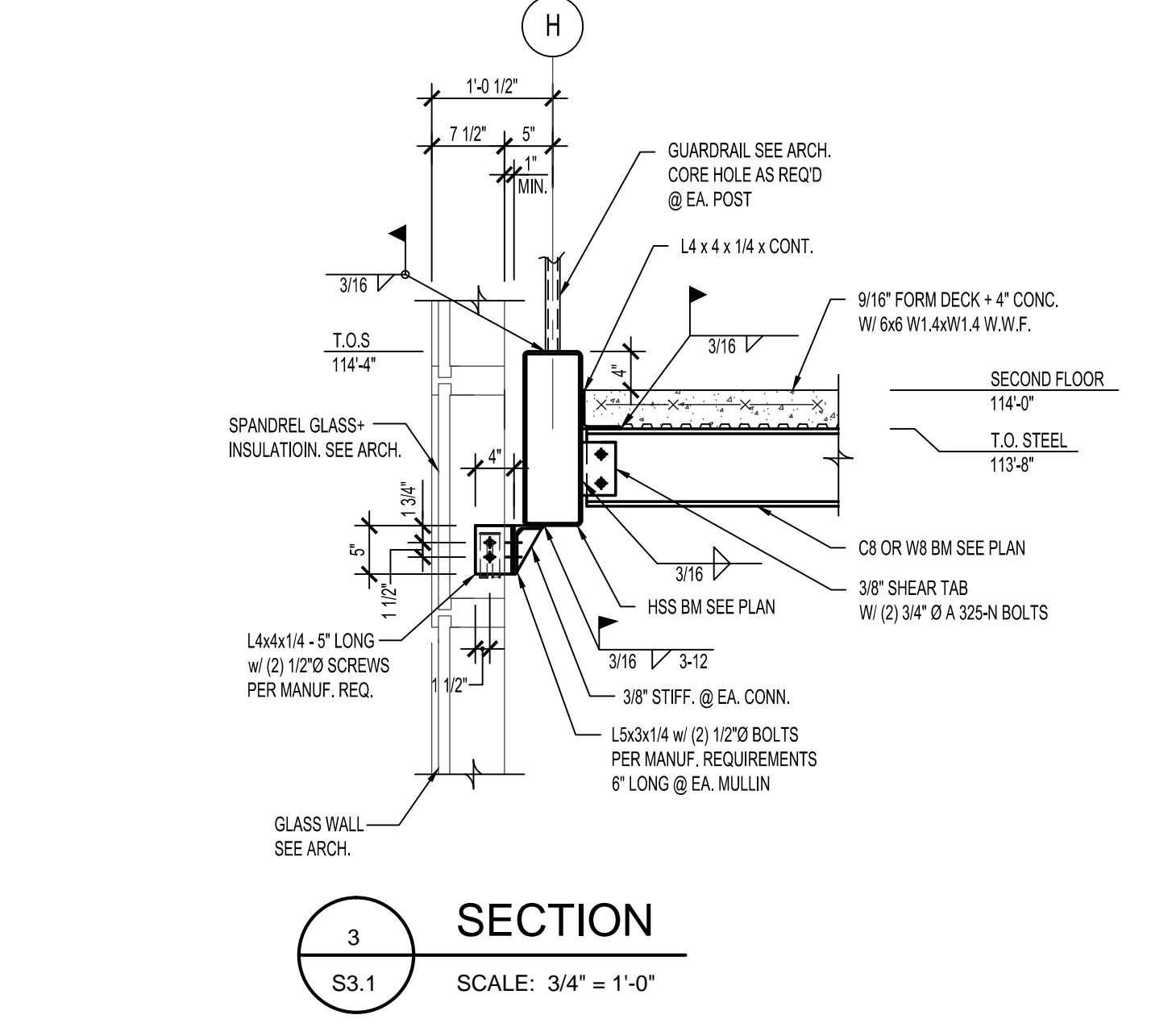
S2.3
JOB NO. 141594



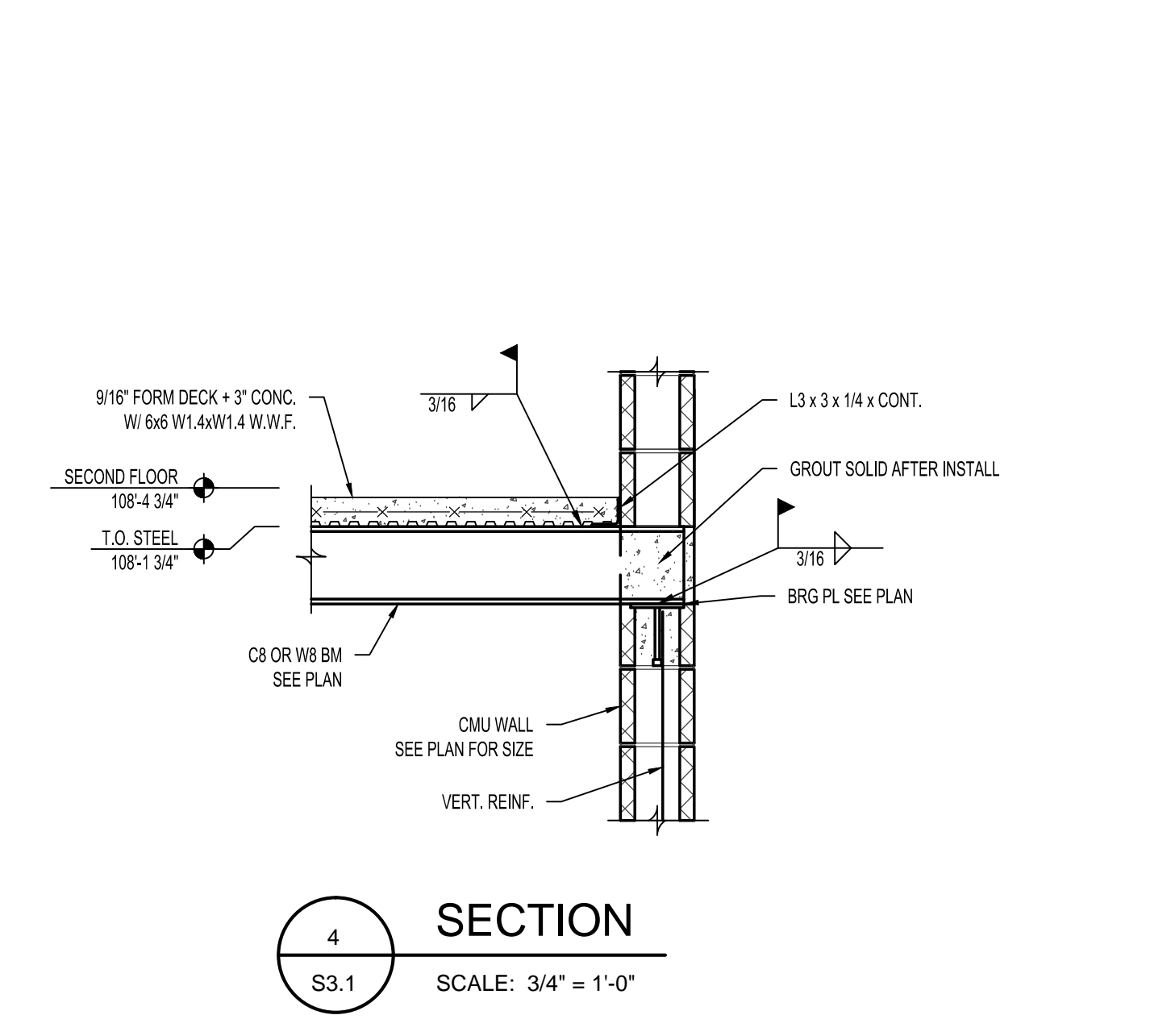
2 NORTH STAIR FRAMING PLAN
S3.1 SCALE: 1/4" = 1'-0"



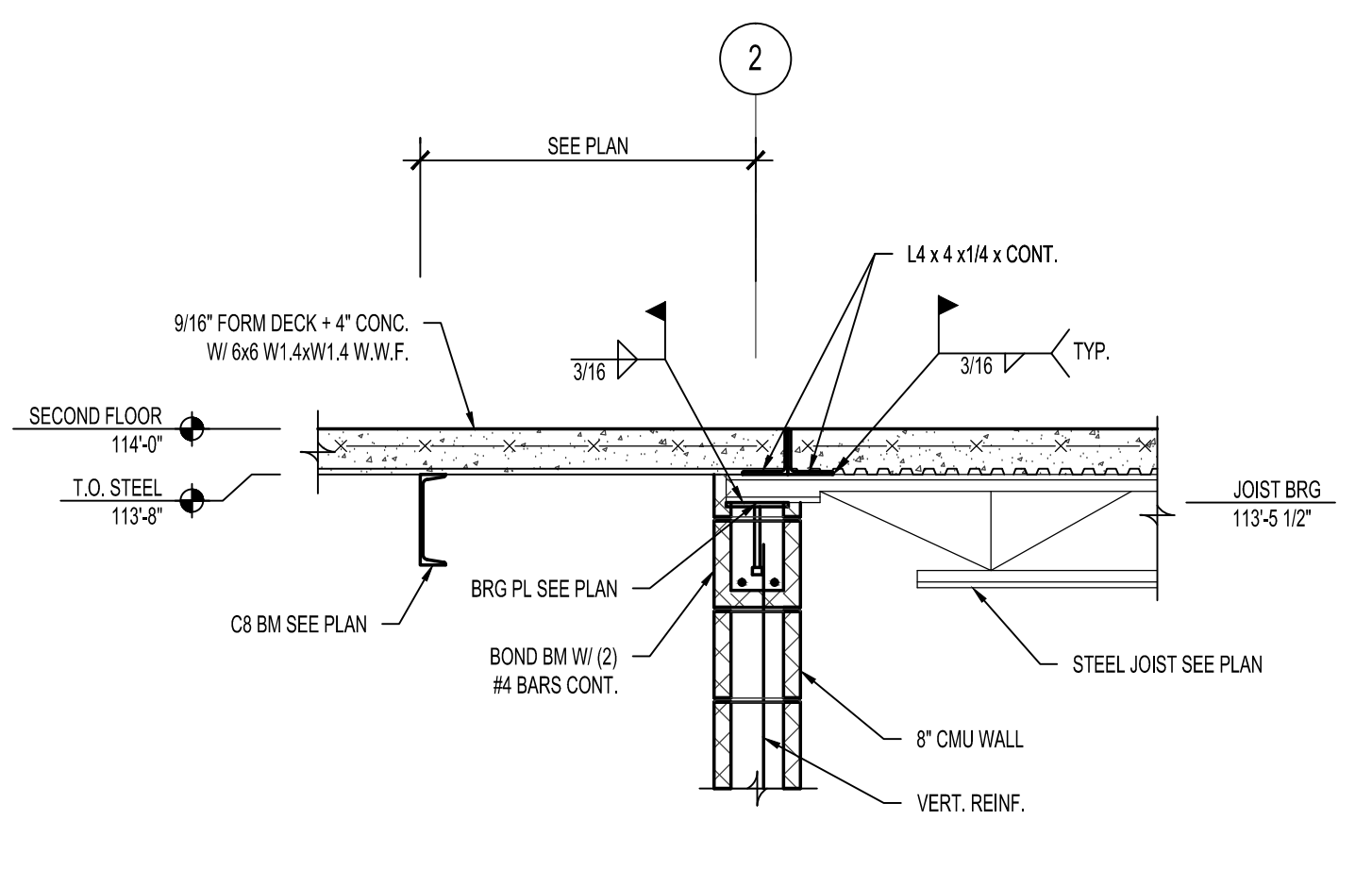
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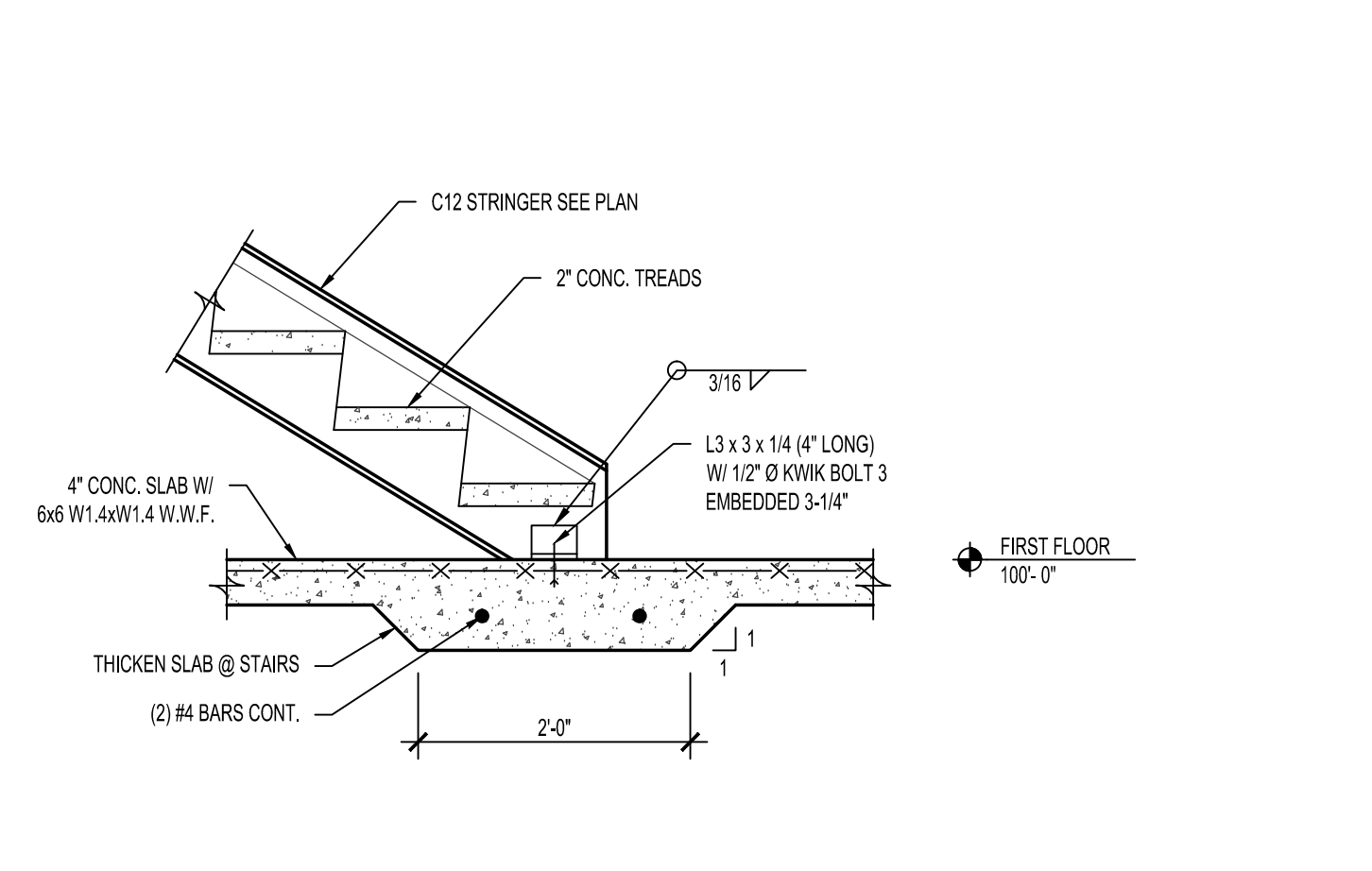
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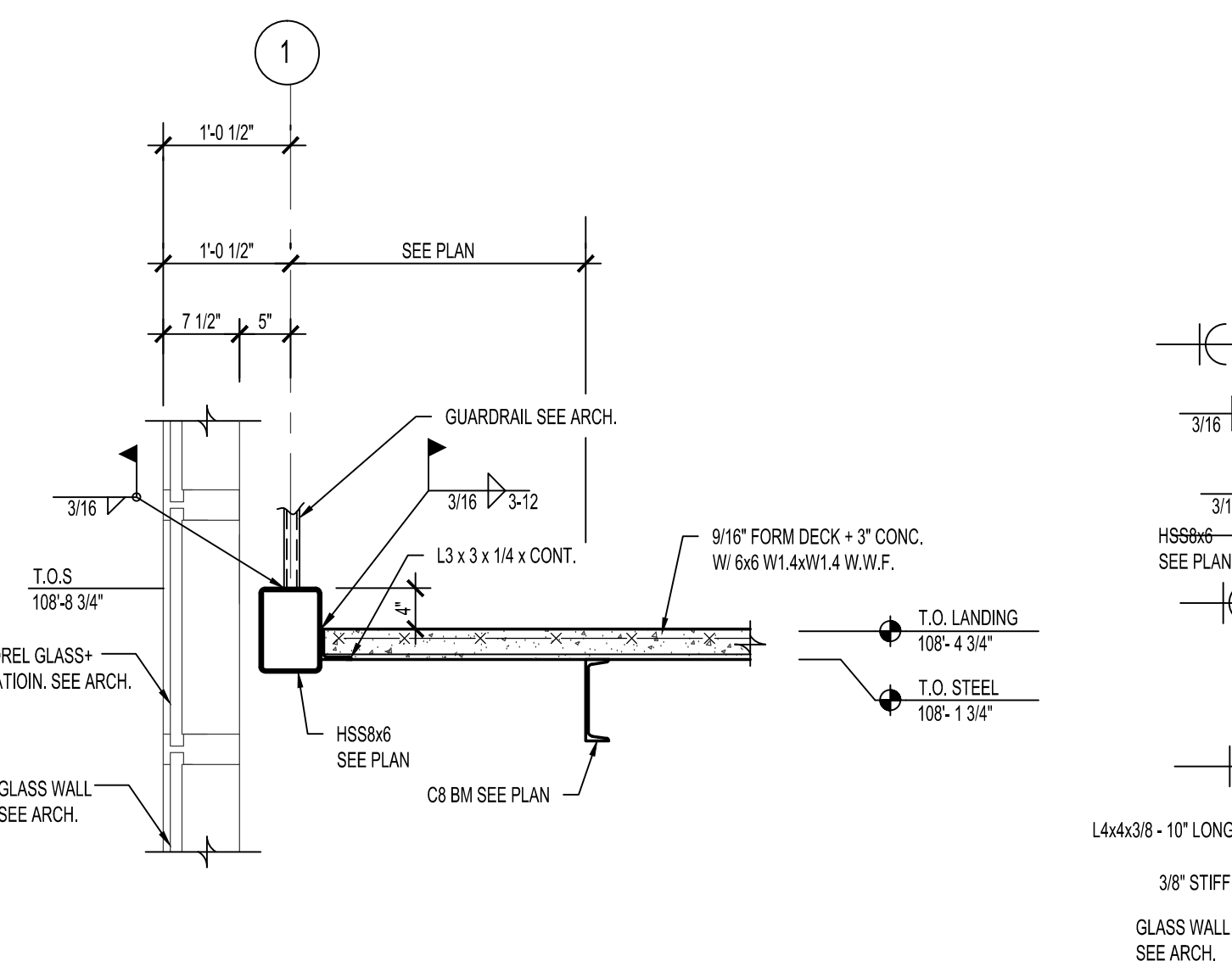
4 SECTION
S3.1 SCALE: 3/4" = 1'-0"



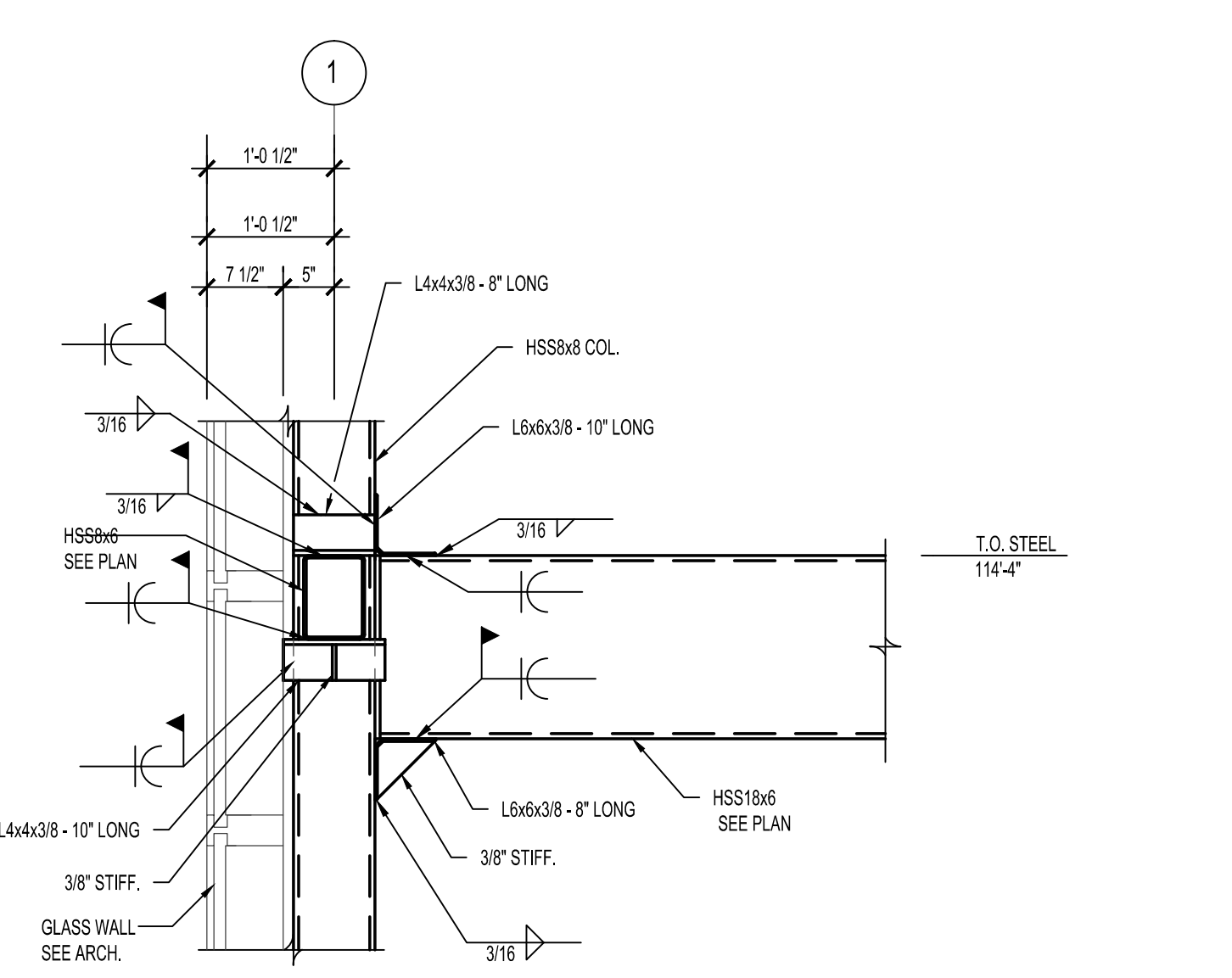
5 SECTION
S3.1 SCALE: 3/4" = 1'-0"



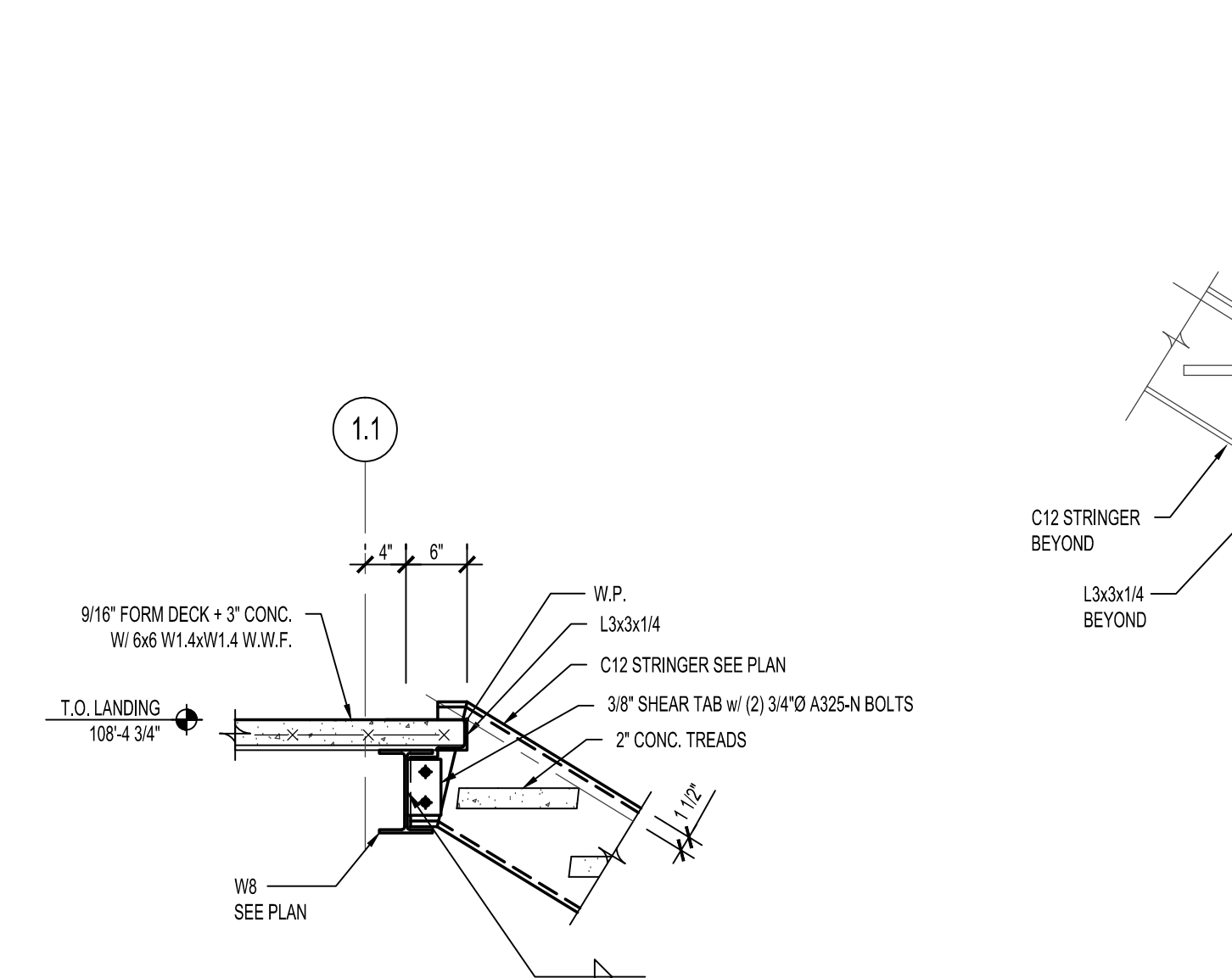
6 SECTION
S3.1 SCALE: 3/4" = 1'-0"



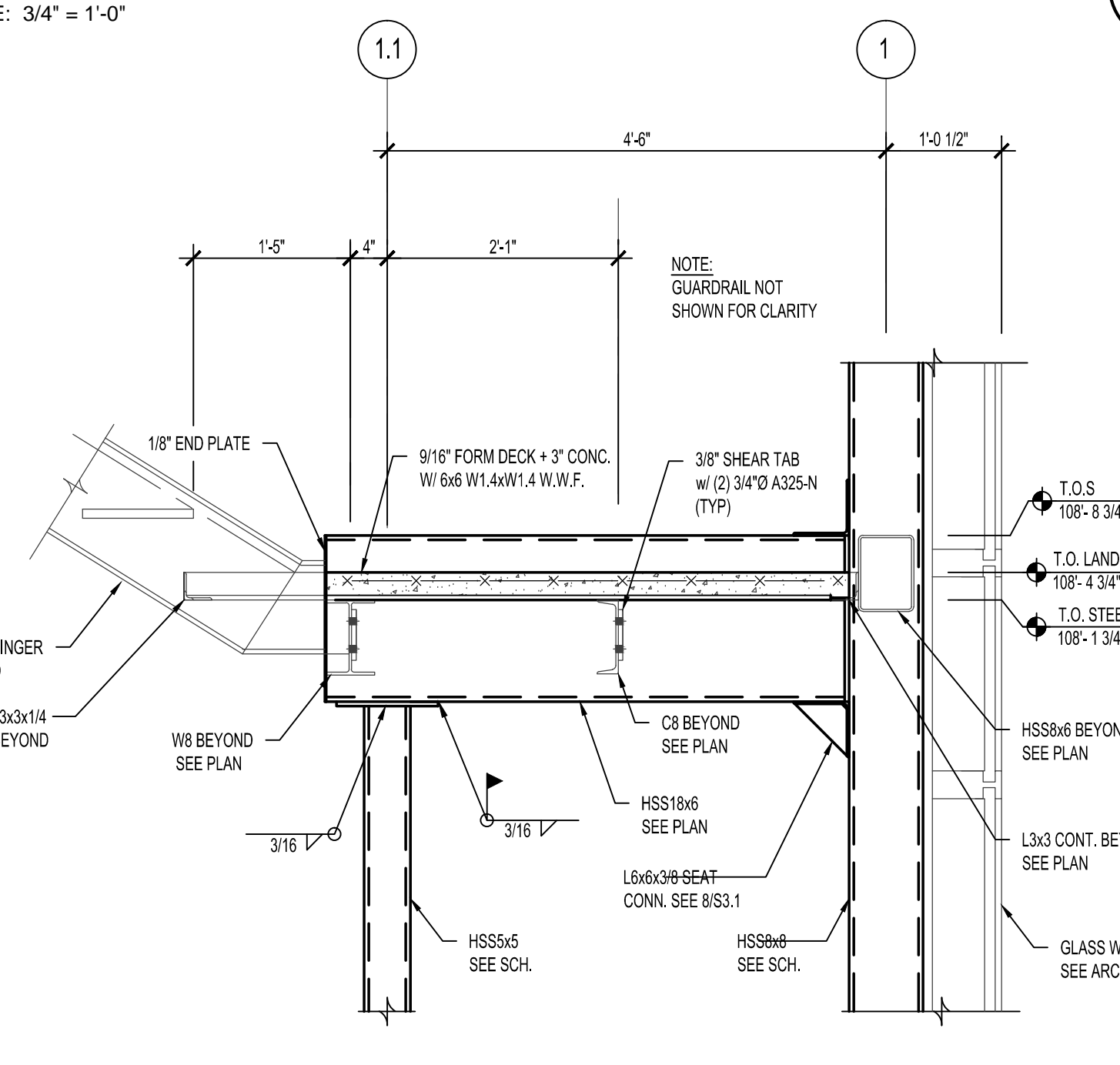
7 SECTION
S3.1 SCALE: 3/4" = 1'-0"



8 SECTION
S3.1 SCALE: 3/4" = 1'-0"



9 SECTION
S3.1 SCALE: 3/4" = 1'-0"



10 SECTION
S3.1 SCALE: 3/4" = 1'-0"

STAIR PLANS AND SECTIONS

PRELIMINARY	<input type="checkbox"/>
DESIGN DEVELOPMENT	<input type="checkbox"/>
CONSTRUCTION	<input checked="" type="checkbox"/>
FINAL RECORD	<input type="checkbox"/>
DRAWN BY	CAM
CHECKED BY	JWG
REVISIONS	
CONSTRUCTION SET	04/20/17

DATE: 03/10/17
SHEET NO.

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PROJECT NO. 16-028-204

S3.1
JOB NO. 141594