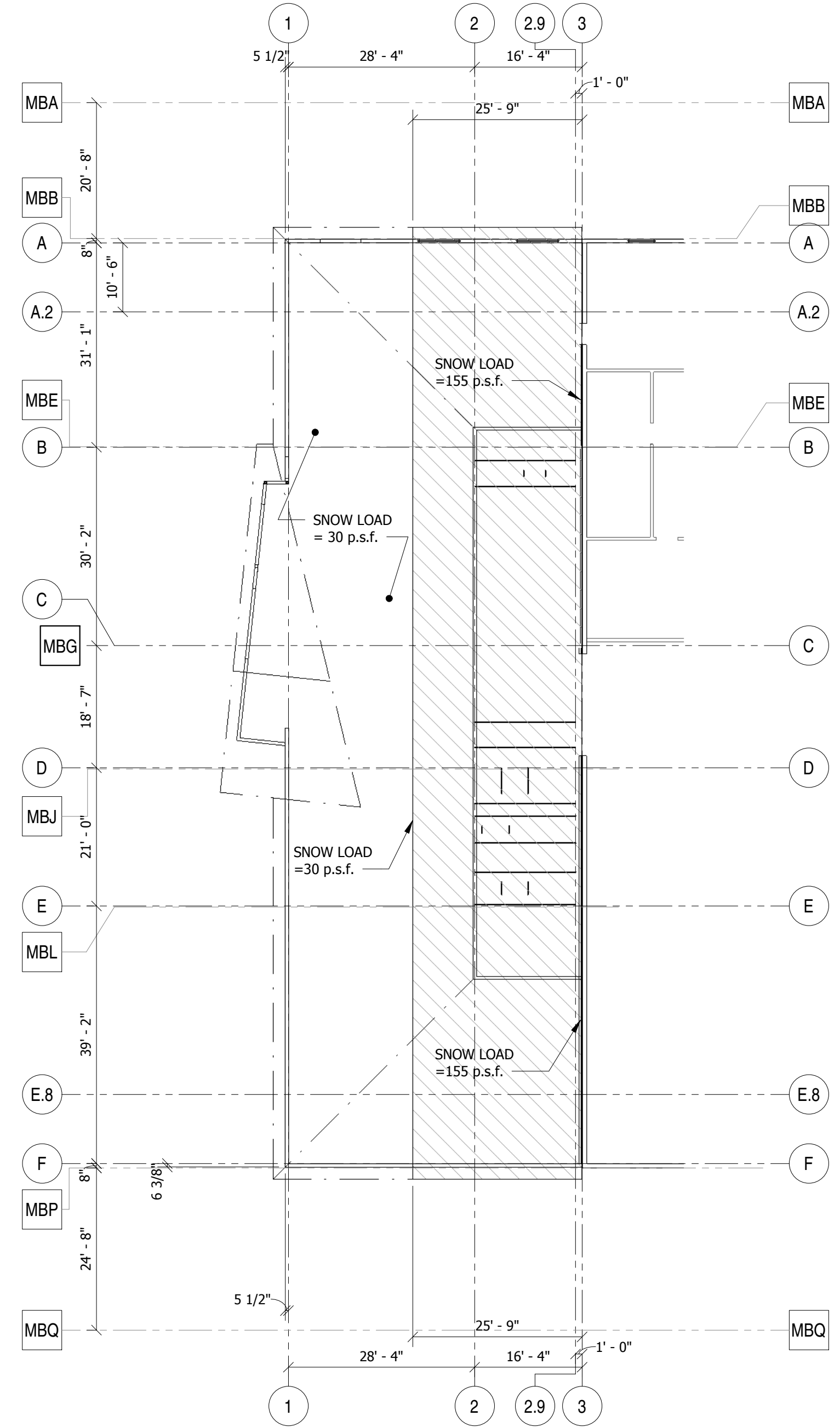


ABBREVIATIONS

A.B.	-ANCHOR BOLT	F.O.B.	-FACE OF BRICK	P.T.	-PRESSURE TREATED
ADDL	-ADDITIONAL	F.O. CONC.	-FACE OF CONCRETE	R.	-RADIUS
ADJ.	-ADJACENT	F.O.W.	-FACE OF WALL	REINF.	-REINFORCEMENT
A.I.S.C.	-AMERICAN INSTITUTE OF STEEL CONSTRUCTION	FS.	-FLAT SLAB	REQ'D	-REQUIRED
ALT.	-ALTERNATE	FT.	-FOOTING	RM.	-ROOM
ARCH.	-ARCHITECTURAL	FTG.	-FOOTING	SCHED.	-SCHEDULE
A.S.T.M.	-AMERICAN SOCIETY FOR TESTING & MATERIALS	F.W.	-FILLET WELD	SECT.	-SECTION
B.L.D.G.	-BUILDING	GA.	-GAUGE	SHT.	-SHEET
BM.	-BEAM	GAL.	-GALVANIZED	S.I.	-SUPERIMPOSED DEAD LOAD
B.O.	-BOTTOM OF	G.L.	-BLU-LAM BEAM	SIM.	-SIMILAR
BOT.	-BOTTOM	GR.	-GRADE	S.L.	-SNOW LOAD
BSMT.	-BASEMENT	GR. BM.	-GRADE BEAM	S.L.V.	-SHORT LEG VERTICAL
BTWN.	-BETWEEN	H.A.S.	-HEADED ANCHOR STUD	SPC.	-SPACE
CANT.	-CANTILEVER	H.D.G.	-HOT DIPPED GALVANIZED	SPEC.	-SPECIFICATION
CB.	-CARDBOARD	HORIZ.	-HORIZONTAL	SQ.	-SQUARE
CH.	-CHAMFER	H.S.B.	-HIGH STRENGTH BOLT	STD.	-STANDARD
C.J.	-CONTROL/CONSTRUCTION JOINT	HSS.	-HOLLOW STRUCTURAL SECTION	STIFF.	-STIFFENER
CJP.	-COMPLETE JOINT PENETRATION	I.D.	-INSIDE DIAMETER	STOR.	-STORAGE
CL.R.	-CLEAR, CLEARANCE	I.F.	-INSIDE FACE	SYM.	-SYMMETRICAL
C.M.U.	-CONCRETE MASONRY UNIT	INT.	-INTERIOR	T.&B.	-TOP & BOTTOM
COL.	-COLUMN	JNT.	-JOINT	THK.	-THICKNESS
CONC.	-CONCRETE	K.	-KIP (1,000 lbs.)	T.O.	-TOP OF
CONN.	-CONNECTION	K.C.I.	-KIP PER CUBIC INCH	TYP.	-TYPICAL
CONST.	-CONSTRUCTION	LB.	-POUND	U.N.O.	-UNLESS NOTED OTHERWISE
CONT.	-CONTINUOUS	LN. FT.	-LINEAL FEET	VAR.	-VARIES
CONTR.	-CONTRACTOR	LI.	-LIVE LOAD	VERT.	-VERTICAL
CTRD.	-CENTERED	L.L.V.	-LONG LEG VERTICAL	V.I.F.	-VERIFY IN FIELD
C.W.	-CURTAIN WALL	L.S.L.	-LAMINATED STRAND LUMBER	WT.	-WEIGHT
DET.	-DETAIL	L.V.L.	-LAMINATED VENEER LUMBER		
DIAG.	-DIAGONAL	MAT'L.	-MATERIAL		
DIAM.	-DIAMETER	MAX.	-MAXIMUM		
DIM.	-DIMENSION	MECH.	-MECHANICAL		
DISCONT.	-DISCONTINUOUS	MID.	-MIDDLE		
d1.	-DEAD LOAD	MISC.	-MISCELLANEOUS		
DWG.	-DRAWING	N.C.	-NOT IN CONTRACT		
EA.	-EACH	NO.	-NUMBER		
E.F.	-EACH FACE	NOM.	-NOMINAL		
EL.	-ELEVATION	N.T.S.	-NOT TO SCALE		
ELECT.	-ELECTRICAL	O.C.	-ON CENTER		
ELEV.	-ELEVATOR	O.F.	-OUTSIDE FACE		
EQ.	-EQUAL	O.D.	-OUTSIDE DIAMETER		
E.W.B.	-END WALL BARS	O.H.	-OPPOSITE HAND		
E.W.	-EACH WAY	OPNG.	-OPENING		
EXIST.	-EXISTING	P.A.F.	-POWDER ACTUATED FASTENERS		
EXP. INT.	-EXPANSION JOINT	PL	-PLATE		
EXT.	-EXTERIOR	P.S.F.	-POUND PER SQUARE FOOT		
FDN.	-FOUNDATION	P.S.I.	-POUND PER SQUARE INCH		
FIN.	-FINISH	P.S.L.	-PARALLEL STRAND LUMBER		
FLR.	-FLOOR				



ROOF SNOW LOAD PLAN

1/16" = 1'-0"

GENERAL NOTES CONT.

- STEEL:
 - ALL STRUCTURAL STEEL WIDE FLANGE SHAPES SHALL CONFORM TO ASTM A992 (F_y = 50 ksi)
 - ALL STRUCTURAL STEEL ANGLES, CHANNELS, S SHAPES, AND PLATES SHALL CONFORM TO ASTM 36 (F_y = 36 ksi)
 - ALL RECTANGULAR OR SQUARE HSS (HOLLOW STRUCTURAL SECTIONS) MEMBERS SHALL CONFORM TO ASTM A500 (GRADE B). ALL ROUND HSS MEMBERS SHALL CONFORM TO ASTM A513 (GRADE B) OR A500 (GRADE B), LATEST EDITIONS.
 - STRUCTURAL STEEL SHALL BE DETAILED AND FABRICATED IN ACCORDANCE WITH LATEST PROVISIONS OF THE A.I.S.C. STEEL CONSTRUCTION MANUAL.
 - USE FRAMED BEAM CONNECTIONS WITH 3/4" DIAMETER ASTM A325 BOLTS, OR WELDED EQUIVALENT, UNLESS OTHERWISE SHOWN OR NOTED, (2) BOLT MIN. STEEL FABRICATOR SHALL PROVIDE SHOP DRAWINGS WITH DETAILED CONNECTIONS THAT HAVE BEEN DESIGNED IN ACCORDANCE WITH CHAPTER 10 OF THE AISC MANUAL OF STEEL CONSTRUCTION, LATEST EDITION. FOR BEAMS WITHOUT DESIGNATED LOADS ON DRAWINGS, USE 8k MINIMUM EACH END. IF TWO SYMBOLS ARE SHOWN, THEY DENOTE CONNECTION REQUIRED AT CORRESPONDING END. IF ONLY ONE SYMBOL IS SHOWN, IT DENOTES CONNECTION REQUIRED AT EACH END OF BEAM.
 - ALL WELDERS SHALL HAVE EVIDENCE OF PASSING THE A.W.S. STANDARD QUALIFICATION TESTS
 - SEE ARCHITECTURAL DRAWINGS FOR NAILER HOLES OR OTHER HOLES REQUIRED IN STEEL MEMBERS.
- WOOD:
 - ALL BEAMS AND HEADERS 2 TO 4 INCHES THICK SHALL BE HEM-FIR NO. 2 OR BETTER WITH F_b = 850 PSI AND E = 1,300,000 PSI.
 - ALL BEAMS 5" AND WIDER SHALL BE DOUGLAS FIR-LARCH NO. 1 OR BETTER WITH MINIMUM F_b = 1,350 PSI AND E = 1,600,000 PSI.
 - ALL POSTS AND COLUMNS 5" AND LARGER SHALL BE DOUGLAS FIR-LARCH NO. 2 OR BETTER WITH MINIMUM F_b = 800 PSI AND E = 1,000,000 PSI.
 - ALL WALL STUDS AND PLATES SHALL BE HEM-FIR OR BETTER IN STUD GRADE WITH MINIMUM F_b = 800 PSI AND E = 1,200,000 PSI.
 - ENGINEERED WOOD ROOF JOISTS (11 7/8" AND 16") SHALL BE TJI 360 BY WEYERHAEUSER, BCI 60 2.0 BY BOISE CASCADE, RPPI 70 BY ROSEBURG, OR AN ENGINEER APPROVED EQUIVALENT. ENGINEERED JOISTS SHALL BE DESIGNED, MANUFACTURED, AND ERECTED IN ACCORDANCE WITH MANUFACTURER'S STANDARD SPECIFICATIONS AND RECOMMENDATIONS.
 - LAMINATED VENEER LUMBER (L.V.L.) SHALL BE "MICRO-LAM" BY WEYERHAEUSER, "VERSA LAM" BY BOISE CASCADE, "RIGIDLAM" BY ROSEBURG, OR AN ENGINEER APPROVED EQUIVALENT WITH MINIMUM F_b = 2,500 PSI AND MINIMUM E = 1,900,000 PSI.
 - LAMINATED STRAND LUMBER (L.S.L.) RIM BOARDS SHALL BE "TIMBERSTRAND" BY TRUS-JOIST, "VERSA RIM" BY BOISE CASCADE, OR AN ENGINEER APPROVED EQUIVALENT WITH MINIMUM F_b = 1,700 PSI AND MINIMUM E = 1,300,000 PSI.
- FOUNDATIONS:

FOUNDATION DESIGN IS BASED UPON RECOMMENDATIONS BY HUDDLESTON-BERRY ENGINEERING & TESTING, L.L.C., PROJECT NO. 01282-002. RECOMMENDATIONS IN THIS REPORT MUST BE FOLLOWED.

 - ALLOWABLE SOIL BEARING PRESSURE1,500 P.S.F.

THE SOILS ENGINEER OF RECORD SHOULD EXAMINE THE EXCAVATION TO VERIFY BEARING PRESSURE AND SOILS CONDITIONS PRIOR TO CONSTRUCTION.
- SPECIAL INSPECTIONS:
 - SPECIAL INSPECTIONS SHALL BE PERFORMED IN ACCORDANCE WITH THE SCHEDULE ON SHEET S002.
- ALL DIMENSIONS ON STRUCTURAL DRAWINGS TO BE CHECKED AGAINST ARCHITECTURAL NOTIFY ARCHITECT AND STRUCTURAL ENGINEER OF ANY DISCREPANCIES BEFORE PROCEEDING WITH CONSTRUCTION.
- VERIFY ALL OPENINGS THROUGH FLOORS, ROOF, AND WALLS WITH MECHANICAL AND ELECTRICAL REQUIREMENTS.

GENERAL NOTES

- GOVERNING CODE USED FOR DESIGN:
2018 INTERNATIONAL BUILDING CODE
- LIVE LOADS USED IN DESIGN:

A. ROOF:	FLAT ROOF SNOW LOAD P _f	30 PSF
	GROUND SNOW LOAD P _g	43 PSF
	SNOW EXPOSURE FACTOR C _e	1.0
	SNOW LOAD IMPORTANCE FACTOR I _s	1.0
	THERMAL FACTOR C _t	1.0
B. WAREHOUSE FLOOR:	WAREHOUSE FLOOR.....	250 PSF OR CONCENTRATED LOADS OF RACKS
C. OFFICES & CORRIDORS ABOVE 1 ST FLOOR:	OFFICES & CORRIDORS ABOVE 1 ST FLOOR.....	80 PSF
D. STORAGE:	STORAGE.....	125 PSF
F. WIND:	EXPOSURE.....	C
	RISK CATEGORY.....	II
	V _W	115 MPH
	V _W	89 MPH

COMPONENTS AND CLADDING (BASED ON EFFECTIVE AREA = 18 SQ. FT.)

TYPICAL WALL AREA (INWARD PRESSURE).....	-16 PSF
TYPICAL WALL AREA (OUTWARD PRESSURE).....	-16 PSF
TYPICAL CORNERS (OUTWARD PRESSURE).....	-28 PSF
TYPICAL ROOF AREA (OUTWARD PRESSURE).....	-22 PSF
ROOF EAVES, RAKES, RIDGES & CORNERS (OUTWARD PRESSURE).....	-31 PSF
PARAPETS (INWARD OR OUTWARD PRESSURE).....	-29 PSF

 - SEISMIC:

RISK CATEGORY.....	II
IMPORTANCE FACTOR (I _e).....	1.0
R. COEFFICIENT.....	6.5

SPECTRAL RESPONSE COEFFICIENTS:

S ₁	-0.249
S ₂	-0.066
S ₃	-0.266
S ₄	-0.103

SEISMIC RESPONSE COEFFICIENTS:

C _s	-0.041
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SITE CLASS.....D
SEISMIC DESIGN CATEGORY.....B
BASIC SEISMIC.....

FORCE RESISTING SYSTEM.....LIGHT FRAMED WOOD SHEAR WALLS
DESIGN BASE SHEAR.....20K
ANALYSIS PROCEDURE.....EQUIVALENT LATERAL FORCE PROCEDURE
- CONCRETE:
 - CONCRETE MIX TABLE (NORMAL WEIGHT CONCRETE):

INTENDED USE	28 DAY STRENGTH F _c (KSI)	MAX W/C (INCLUDING FLY ASH)	MAX AGGR. (IN) MAX AGGR. (IN) SLURRY (IN) SLURRY (IN)	TOTAL AIR LIMITS (%)(2)	CEMENT TYPE	CONCRETE TYPE MIN. WEIGHT REQ'D ADMIXTURES (3)	OTHER REQUIREMENTS (4)
STEM WALLS, PILASTERS & FOOTINGS	4	0.45	3/4	4	6	II NW AE	FAR
INTERIOR SLABS ON GRADE	3.5	0.45	1 1/2	4	N	II NW	-- SOG

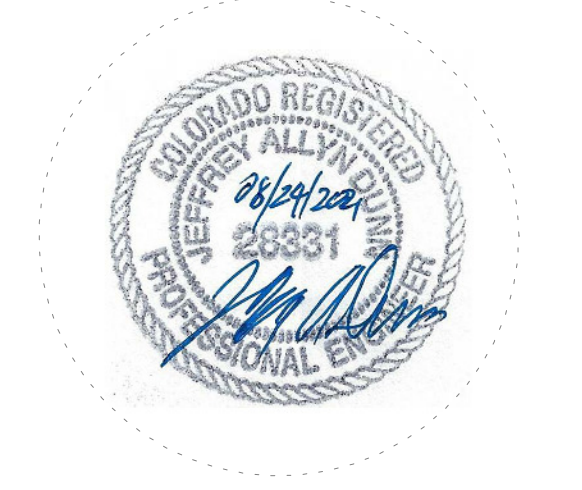
NOTES:
(1) FOR THE MAXIMUM COARSE AGGREGATE SIZE INDICATED, USE THE FOLLOWING AGGREGATE SIZE NUMBERS PER ASTM C33:
3/4" - #67 AGGREGATE
1" - #57 AGGREGATE
(2) TOTAL AIR CONTENT LIMITS INCLUDE BOTH ENTRAINED AND ENTRAPPED AIR +/- 1 1/2%. 'N' IN COLUMN INDICATES ADDITION OF ENTRAINED AIR IS NOT PERMITTED.
(3) ABBREVIATIONS FOR REQUIRED ADMIXTURES AS FOLLOWS:
AE = AIR-ENTRAINING ADMIXTURE. DO NOT USE ENTRAINED AIR FOR STEEL TROWELED FINISHED FLOORS.
WRA = WATER REDUCING ADMIXTURE.
TRANSMISSION, AND SLAB FLATNESS/LEVELNESS ARE COMPATIBLE WITH FLOORING SYSTEM AND ADHESIVES PRIOR TO INSTALLING FLOORING. AMOUNT OF CEMENTITIOUS MATERIALS LISTED SHALL BE PROVIDED, DO NOT USE LESS AND DO NOT SUPPLY OVER 5% MORE.
(5) FOR CONCRETE PLACED BY PUMPING, PROVIDE CONCRETE MIX FLOWABILITY TO FACILITY PUMPING.
B. ALL REINFORCING SHALL CONFORM TO ASTM A615, GRADE 60, EXCEPT COLUMN TIES, BEAM STRIPPERS, AND DOWNIES TO SLAB ON GRADE WHICH MAY BE GRADE 40.
C. NO SPLICES OF REINFORCEMENT SHALL BE MADE EXCEPT AS DETAIL OR AUTHORIZED BY THE STRUCTURAL ENGINEER. LAP SPLICES, WHERE PERMITTED, SHALL BE A MINIMUM OF 40 BAR DIAMETERS UNLESS OTHERWISE SHOWN OR NOTED. MAKE ALL BARS CONTINUOUS AROUND CORNERS.
D. STAGGER SPLICES A MINIMUM OF 4'-0" FOR TOP AND BOTTOM CONTINUOUS BARS IN FOUNDATIONS, UNLESS OTHERWISE SHOWN OR NOTED.
E. DETAIL BARS IN ACCORDANCE WITH A.C.I. DETAILING MANUAL AND A.C.I. BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, LATEST EDITIONS.
F. PROVIDE ALL ACCESSORIES NECESSARY TO SUPPORT REINFORCING (INCLUDING W.W.F.) AT POSITIONS SHOWN ON THE DRAWINGS. DO NOT ATTEMPT TO POSITION ANY REINFORCEMENT BY LIFTING DURING CONCRETE PLACEMENT.
G. REINFORCEMENT PROTECTION SHALL BE AS FOLLOWS:
(1) CONCRETE POURED AGAINST EARTH.....3"
(2) FORMED CONCRETE EXPOSED TO EARTH OR WEATHER.....2"
(3) FORMED STAIRS OR WALLS NOT EXPOSED TO WEATHER.....3/4"
H. PLACE 2-#5 (ONE EACH FACE) WITH 2'-0" PROJECTION AROUND ALL OPENINGS IN CONCRETE UNLESS OTHERWISE SHOWN OR NOTED.
I. SLABS, BEAMS, AND GRADE BEAMS SHALL NOT HAVE JOINTS IN A HORIZONTAL PLANE. ANY STOP IN CONCRETE WORK MUST BE MADE AT MIDDLE OF SPAN WITH VERTICAL BULKHEADS AND KEYS AS SHOWN PER THE TYPICAL CONCRETE WALL CONSTRUCTION JOINT DETAIL. ALL CONSTRUCTION JOINTS SHALL BE AS DETAILED OR AS APPROVED BY THE ARCHITECT AND THE STRUCTURAL ENGINEER.
J. WIRE FABRIC REINFORCEMENT MUST LAP ONE FULL MESH +2" AT SIDE AND END LAPS, AND SHALL BE TIED TOGETHER.

Sheet List	
Sheet Number	Sheet Name
S001	GENERAL NOTES
S002	SCHEDULE OF SPECIAL INSPECTIONS
S101	OVERALL FOUNDATION PLAN
S102	FOUNDATION PLAN - WEST
S103	FOUNDATION PLAN - EAST
S104	MEZZANINE & LOW ROOF FRAMING PLAN
S200	TYPICAL FOUNDATION DETAILS
S201	TYPICAL FRAMING DETAILS
S202	BRACED FRAME ELEVATIONS & DETAILS
S301	FOUNDATION SECTIONS & DETAILS
S302	FRAMING SECTIONS & DETAILS
S303	FRAMING SECTIONS & DETAILS



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FOOD BANK OF THE ROCKIES

2295 TALL GRASS DRIVE
GRAND JUNCTION, COLORADO

GENERAL NOTES

NO. ISSUED FOR: DATE:

PROJECT STATUS: 100% CONSTRUCTION DOCUMENTS

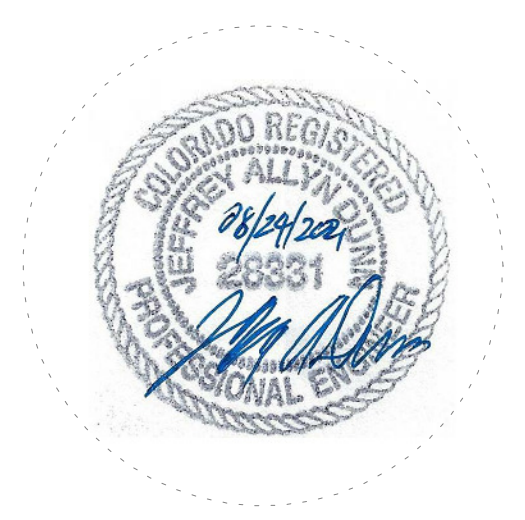
DATE: **08/24/21** SHEET NO:

PROJECT NO: **S001**

SPECIAL INSPECTIONS:
 A. SPECIAL INSPECTIONS SHALL COMPLY WITH CHAPTER 17 OF THE 2018 I.B.C.
 B. STATEMENT OF REQUIRED SPECIAL INSPECTIONS:

SYSTEM OF COMPONENT	VERIFICATION OF INSPECTION TASK	FREQUENCY (DURING TASK LISTED)		APPLICABLE CODE & SECTION FOR INSPECTION CRITERIA	
		CONTINUOUS	PERIODIC		
1) SOILS	a) VERIFY SOILS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	--	X	--	
	b) VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH & HAVE REACHED PROPER MATERIAL	--	X	--	
	c) PERFORM CLASSIFICATION & TESTING OF CONTROLLED FILL MATERIALS	--	X	--	
	d) VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESS DURING PLACEMENT & COMPLETION OF CONTROLLED FILL	X	--	--	
	e) OBSERVE SUBGRADE FOR PROPER PREPARATION BEFORE PLACEMENT OF CONTROLLED FILL	-	X	--	
	a) INSPECT REINFORCING STEEL	--	X	ACI 318: 3.5, 7.1-7.7	
2) CONCRETE	b) VERIFY USE OF REQUIRED DESIGN MIX	--	X	ACI 318: CH. 4, 5.2-5.4 IBC 1904.2	
	c) INSPECT REINFORCING STEEL WELDING	--	X	AWS D1.4 ACI 318: 3.5.2	
	d) FABRICATE TEST SPECIMENS FROM FRESH CONCRETE FOR STRENGTH TESTS, SLUMP & AIR CONTENT TESTS AND TO DETERMINE CONCRETE TEMPERATURE	X	--	ASTM C172 ASTM C31 ACI 318: 5.6, 5.8	
	e) INSPECT CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	X	--	ACI 318: 5.9, 5.10	
	f) INSPECT FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE & TECHNIQUES	--	X	ACI 318: 5.11- 5.13	
	g) INSPECT FORMWORK FOR SHAPE, LOCATION & DIMENSIONS OF CONCRETE MEMBERS BEING FORMED	--	X	ACI 318: 6.1.1	
	h) INSPECT ANCHORS CAST INTO CONCRETE.	--	X	ACI 318: 8.1.3, 21.2.8 IBC 1908.5, 1909.1	
	i) INSPECT ANCHORS POST-INSTALLED INTO HARDENED CONCRETE MEMBERS.	--	X	ACI 318: 3.8.6, 8.1.3, 21.2.8 IBC 1909.1	
	3) WOOD	a) INSPECT FABRICATED WOOD STRUCTURAL MEMBERS ASSEMBLED AT FABRICATOR'S SHOP OR PLANT.	--	X	--
		b) VERIFY MATERIAL SPECIES AND GRADES OF DIMENSIONAL LUMBER AND PLYWOOD OR G.S.B.	-	X	--
		c) VERIFY BOTTOM CHORD AND OTHER BRACING OF STRUCTURAL MEMBERS.	-	X	--
		d) INSPECT FOR PROPER FASTENING OF WOOD COMPONENTS.	-	X	IBC TABLE 2304.9.1
4) LATERAL BRACING SYSTEM	a) PERIODICALLY INSPECT NAILING, BOLTING, ANCHORING, AND OTHER FASTENING OF COMPONENTS WITHIN WOOD SHEAR WALLS, WOOD DIAPHRAGMS, DRAG STRUTS, AND HOLDOWNS.	--	X	--	

5) STEEL	b) MATERIAL VERIFICATION OF HIGH STRENGTH BOLTS, NUTS & WASHERS			
	- IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS	--	X	APPLICABLE ASTM MATERIAL SPEC. AISC 360, SECTION A3.3
	- MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED	--	X	--
	b) INSPECTION OF HIGH-STRENGTH BOLTING OF BEARING TYPE CONNECTIONS	--	X	AISC 360, SECTION M2.5 IBC SECTION 1704.3.3
	c) MATERIAL VERIFICATION OF STRUCTURAL STEEL:			
	- IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS	--	X	ASTM A6 OR A568 IBC SECTION 1708.4
	- MANUFACTURER'S CERTIFIED MILL TEST REPORTS	--	X	ASTM A6 OR A568 IBC SECTION 1708.4
	d) MATERIAL VERIFICATION OF WELD FILLER MATERIALS:			
	- IDENTIFICATION MARKINGS TO CONFORM TO AWS SPECIFICATION IN THE APPROVED CONSTRUCTION DOCUMENTS	--	X	AISC 360, SECTION A3.5
	- MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED	--	X	--
	e) INSPECTION OF WELDING			
	1) COMPLETE & PARTIAL PENETRATION GROOVE WELDS	X	--	AWS D1.1 AISC 360 NS.4-N5.5
	2) MULTI-PASS FILLET WELDS	X	--	AWS D1.1 AISC 360 NS.4-N5.5
	3) SINGLE PASS FILLET WELDS > 5/16"	X	--	AWS D1.1 AISC 360 NS.4-N5.5
	4) SINGLE PASS FILLET WELDS < 5/16"	--	X	AWS D1.1 AISC 360 NS.4-N5.5
	5) FLOOR & ROOF DECK WELDS	--	X	AWS D1.3
	f) STUD SHEAR CONNECTOR SIZES, SPACING, MATERIALS & QUANTITY	X	--	AISC 360, SECTION N6
	g) WELDING OF STUD SHEAR CONNECTORS	--	X	AWS D1.1
	h) INSPECT STEEL FRAME JOINT DETAILS FOR COMPLIANCE WITH APPROVED CONSTRUCTION DOCUMENTS	--	X	AISC 360 NS.7



FOOD BANK OF THE ROCKIES

2295 TALL GRASS DRIVE
 GRAND JUNCTION, COLORADO

SCHEDULE OF SPECIAL INSPECTIONS

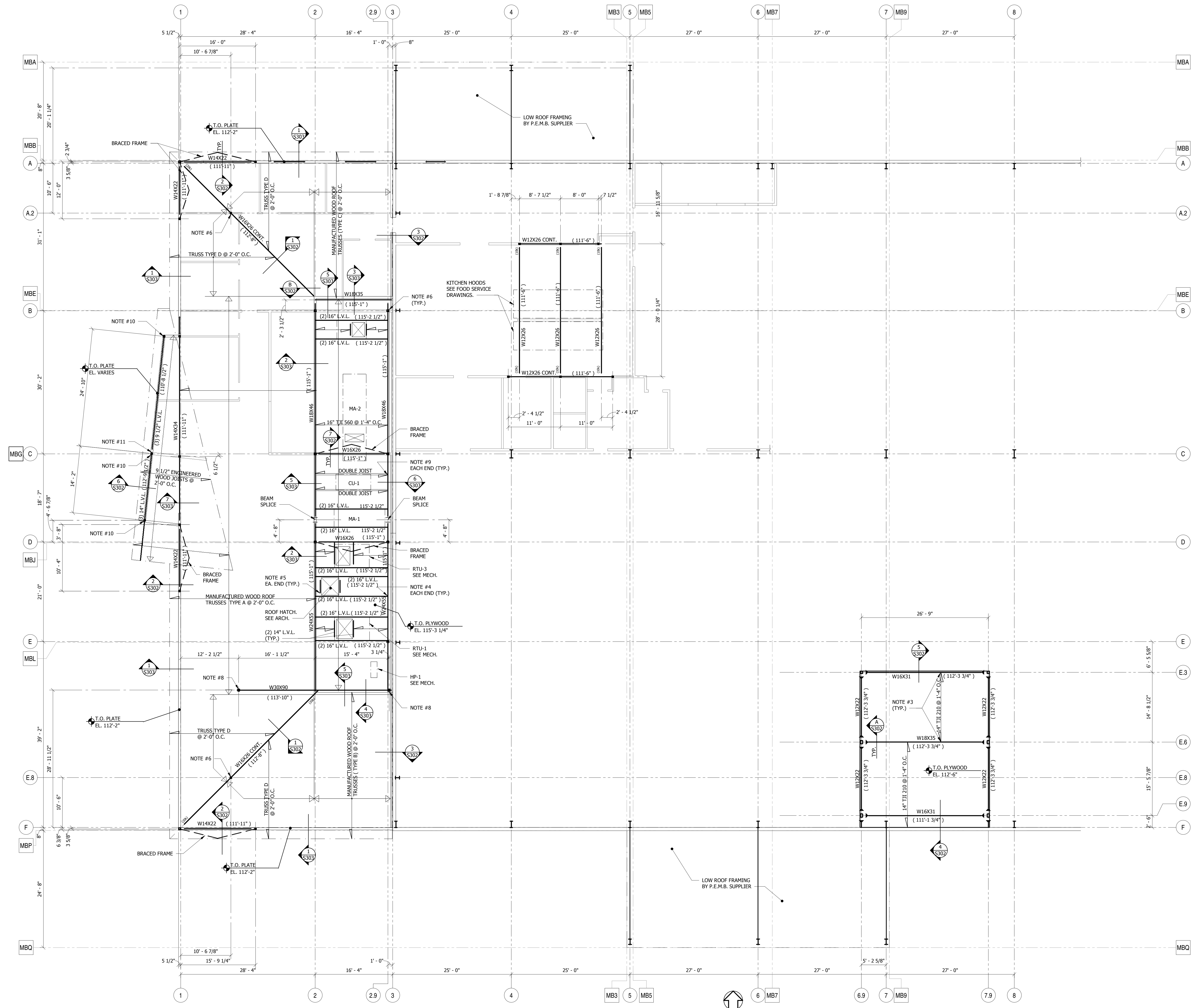
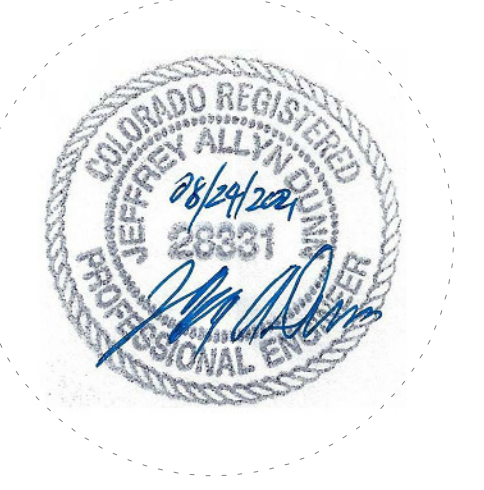
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PROJECT STATUS: 100% CONSTRUCTION DOCUMENTS

DATE: **08/24/21** SHEET NO:

PROJECT NO: **S002**



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

- TOP OF BEAM ELEVATION NOTED THUS: (XXX'-XX").
- UNLESS NOTED OTHERWISE ON PLANS, ALL EXTERIOR WALL HEADERS WEST OF GRID 3 SHALL BE A MINIMUM OF (3) 2x10'S. BEAR ON MIN. (2) 2x6 JAMB STUDS WITH MIN. 2x6 CONTINUOUS KING STUD EACH END, U.N.O.
- PROVIDE TYPE "BA2.1/14" TOP FLANGE HANGERS BY SIMPSON OR AN ENGINEER APPROVED EQUIVALENT.
- PROVIDE TYPE "HB3.5/16" HANGER.
- PROVIDE TYPE "H414" HANGER.
- PROVIDE 3/8" STIFFENER PLATE EACH SIDE OF BEAM WEB. CENTER OVER COLUMN BELOW.
- VERIFY MECHANICAL UNIT SIZES AND LOCATIONS, AND DUCT PENETRATIONS PRIOR TO CONSTRUCTION.
- BEAR BEAM OVER TOP OF COLUMN WITH A 1/2" CAP PLATE WITH (4) 3/4" A325 BOLTS TO BOTTOM FLANGE OF BEAM.
- PROVIDE TYPE "HB7.12/16" HANGER.

- BEAR BEAM OVER COLUMN IN A STEEL COLUMN CAP WELDED TO THE TOP OF THE HSS COLUMN WITH A 3/16" FILLET WELD ALL AROUND. USE A SIMPSON TYPE "CC6" CAP AT CONTINUOUS BEAMS AND A TYPE "ECC66" CAP AT BEAM ENDS, OR FABRICATED EQUIVALENT CAPS. PROVIDE (4) 3/4" A307 THRU-BOLTS AT EACH CAP.
- SUPPORT BEAM AT FACE OF HSS COLUMN WITH A SIMPSON TYPE "HUC610" HANGER OR FABRICATED EQUIVALENT SADDLE, WELDED TO THE COLUMN WITH 3/16" FILLET WELDS ALONG EACH VERTICAL EDGE.

FOOD BANK OF THE ROCKIES

2295 TALL GRASS DRIVE
 GRAND JUNCTION, COLORADO

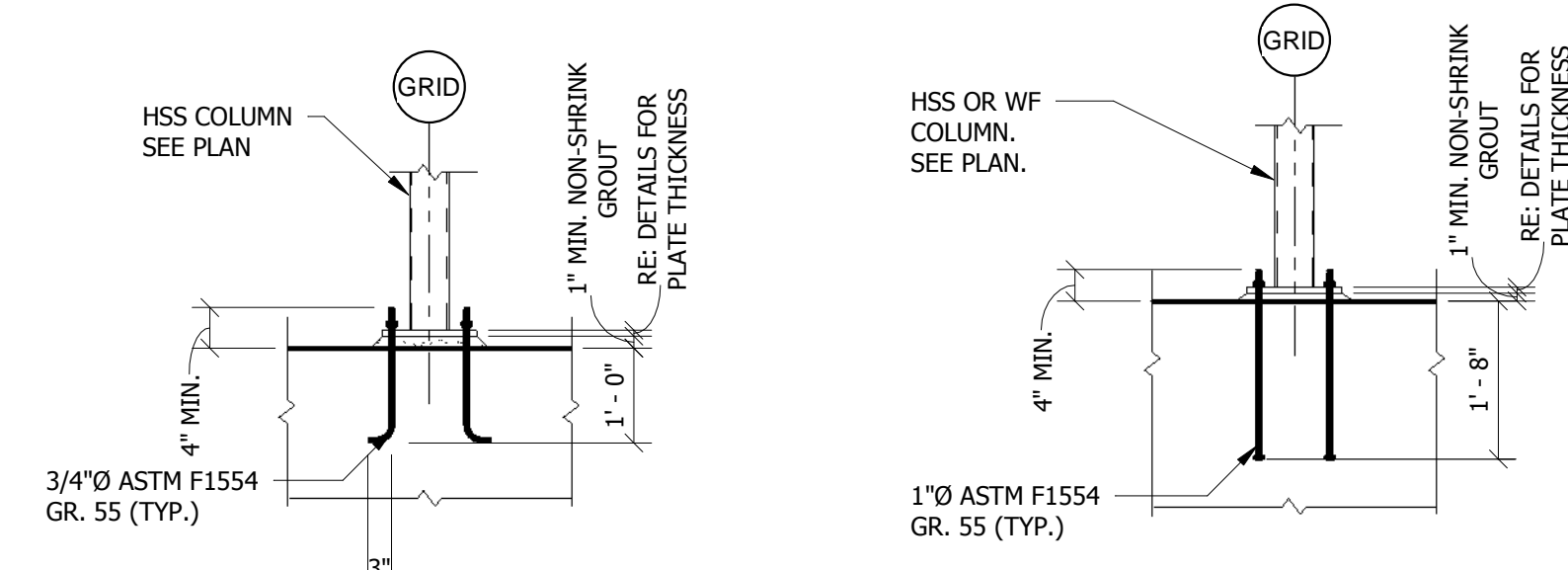
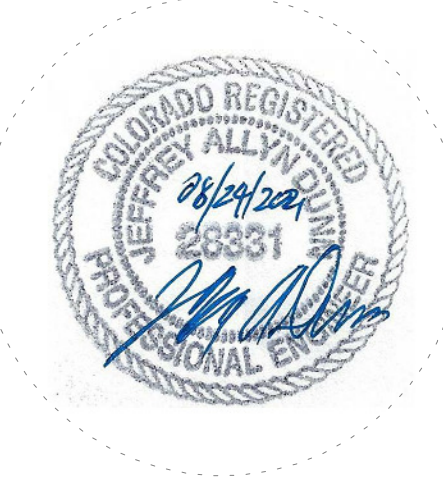
MEZZANINE & LOW ROOF FRAMING PLAN

NO: ISSUED FOR: DATE:

PROJECT STATUS: 100%
 CONSTRUCTION DOCUMENTS

DATE: **08/24/21** SHEET NO:

PROJECT NO: **S104**

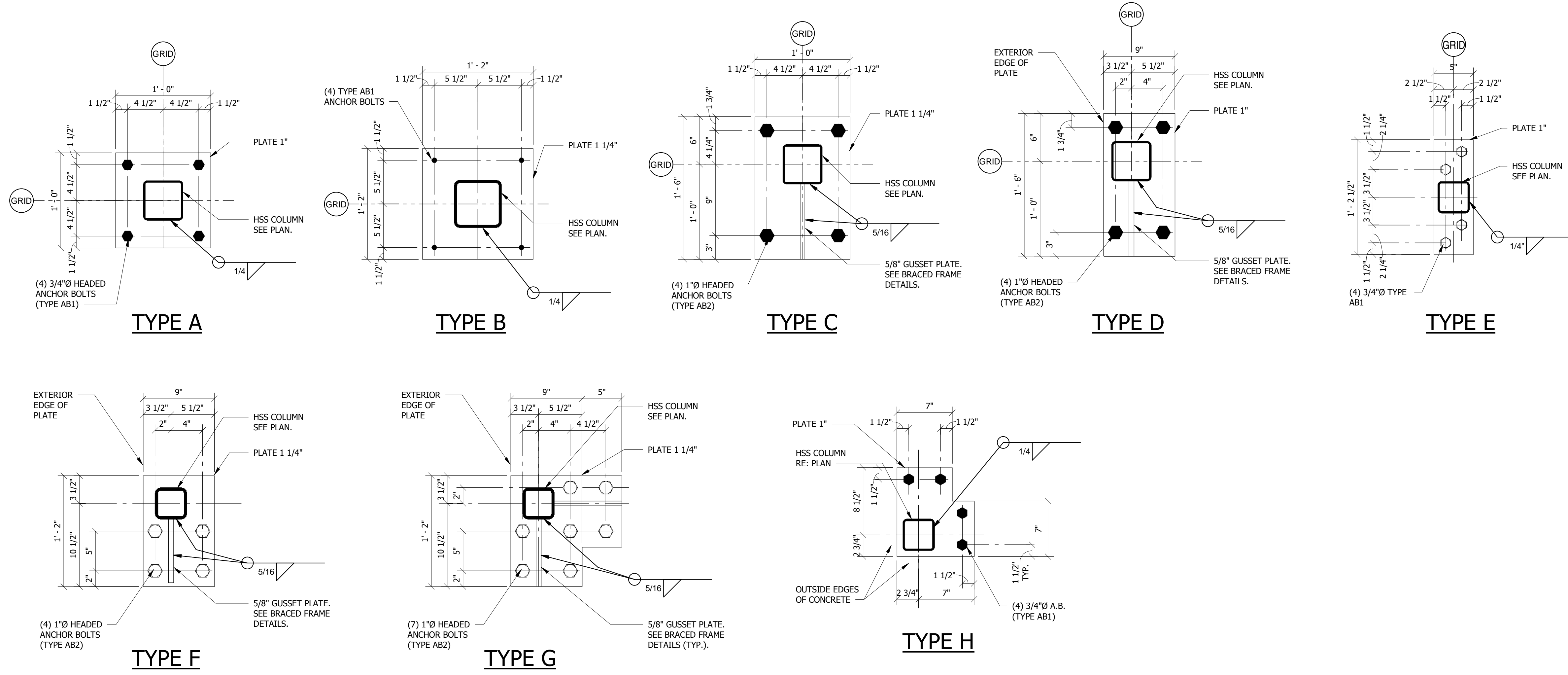
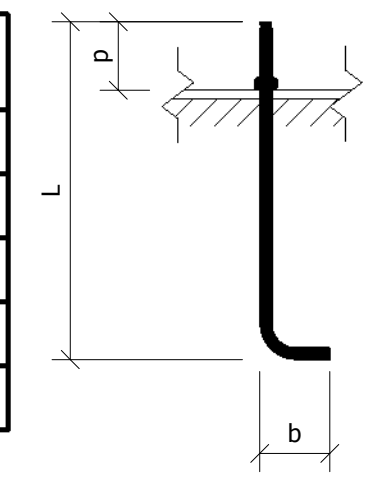


TYPICAL ANCHOR BOLT DETAILS
1/2" = 1'-0"

METAL BUILDING COLUMN ANCHOR BOLTS

DIAMETER	LENGTH (L)	HOOK (b)	PROJECTION (p)
5/8"Ø	1'-6"	3"	3"
3/4"Ø	1'-6"	4"	3"
1"Ø	2'-0"	4"	3"
1 1/4"Ø	2'-6"	4"	3"

- ALL ANCHOR ROD MATERIAL SHALL CONFORM TO ASTM F1554, GRADE 55.
- RE: BUILDING MANUFACTURER'S BASE PLATE DETAILS FOR ANCHOR BOLT LOCATIONS & SPACING.



TYPICAL BASE PLATE DETAILS
1 1/2" = 1'-0"

USE	PLYWOOD THICKNESS	SPAN/INDEX RATIO	PLYWOOD NAILING SCHEDULE				ANCHOR BOLT	STUD BOLT
			EDGE NAILING	INTERIOR NAILING	HOLD DOWN	END STUD		
FLOOR	3/4" T.B.G.	24	8d @ 6" O.C.	8d @ 12" O.C.	--	--	--	--
SLOPED ROOF	19/32"	32/16	10d @ 4" O.C. (BOUNDARIES) 10d @ 6" O.C. (ALL OTHER EDGES)	10d @ 12" O.C.	--	--	--	--
WALL (TYP.)	15/32"	24/0	8d @ 6" O.C.	8d @ 12" O.C.	--	--	--	--

- PLYWOOD FOR ROOFS, FLOORS, AND SHEAR WALL SHEATHING SHALL BE APA GRADE TRADEMARKED CDX W/ EXTERIOR GLUE. LAY UP PLYWOOD W/ FACE GRAIN PERPENDICULAR TO SUPPORTS AND STAGGER JOINTS. ALL NAILS SHALL BE COMMON NAILS; RING SHANKED FOR ROOF AND FLOOR SHEATHING. REFER TO TABLE ABOVE FOR USE REQUIREMENTS.
- OSB SHEATHING MAY BE USED AS AN ALTERNATE TO PLYWOOD W/ PRIOR APPROVAL OF OWNER AND CONTRACTOR. OSB SHEATHING SHALL COMPLY WITH THE APA PLYWOOD DESIGN SPECIFICATION AND SHALL HAVE A SPAN RATING EQUIVALENT TO, OR BETTER, THAN THE PLYWOOD IT REPLACES. ATTACHMENT AND THICKNESS (WITHIN 1/32") SHALL BE THE SAME AS THE PLYWOOD IT REPLACES.
- ALL EDGES OF ROOF SHEATHING SHALL BE BLOCKED WITH A 2" NOMINAL WOOD FRAMING MEMBER.
- AT ABUTTING SHEAR WALL PANEL EDGES, STUDS SHALL BE NO LESS THAN A SINGLE 3" NOMINAL MEMBER AND NAILS SHALL BE STAGGERED.
- PROVIDE (3) 2" NOMINAL STUDS AND HOLDDOWNS AT EACH END OF SHEAR WALL (TYP. U.N.O.).
- HOLDDOWNS LISTED ARE BY SIMPSON STRONG-TIE. ALTERNATES MUST BE EQUIVALENT AND MUST BE APPROVED BY THE STRUCTURAL ENGINEER.
- HEADED ANCHOR BOLTS AT HOLDDOWNS SHALL CONFORM TO ASTM F1554 GRADE 55. ANCHORS SHALL HAVE A MINIMUM EMBEDMENT OF 2'-0" AND SHALL HAVE A MINIMUM PROJECTION OF 6".
- PROVIDE CONSTRUCTION ADHESIVE BETWEEN TOP OF FLOOR JOISTS AND PLYWOOD SUB-FLOOR.

FOOD BANK OF THE ROCKIES

2295 TALL GRASS DRIVE
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TYPICAL FRAMING DETAILS

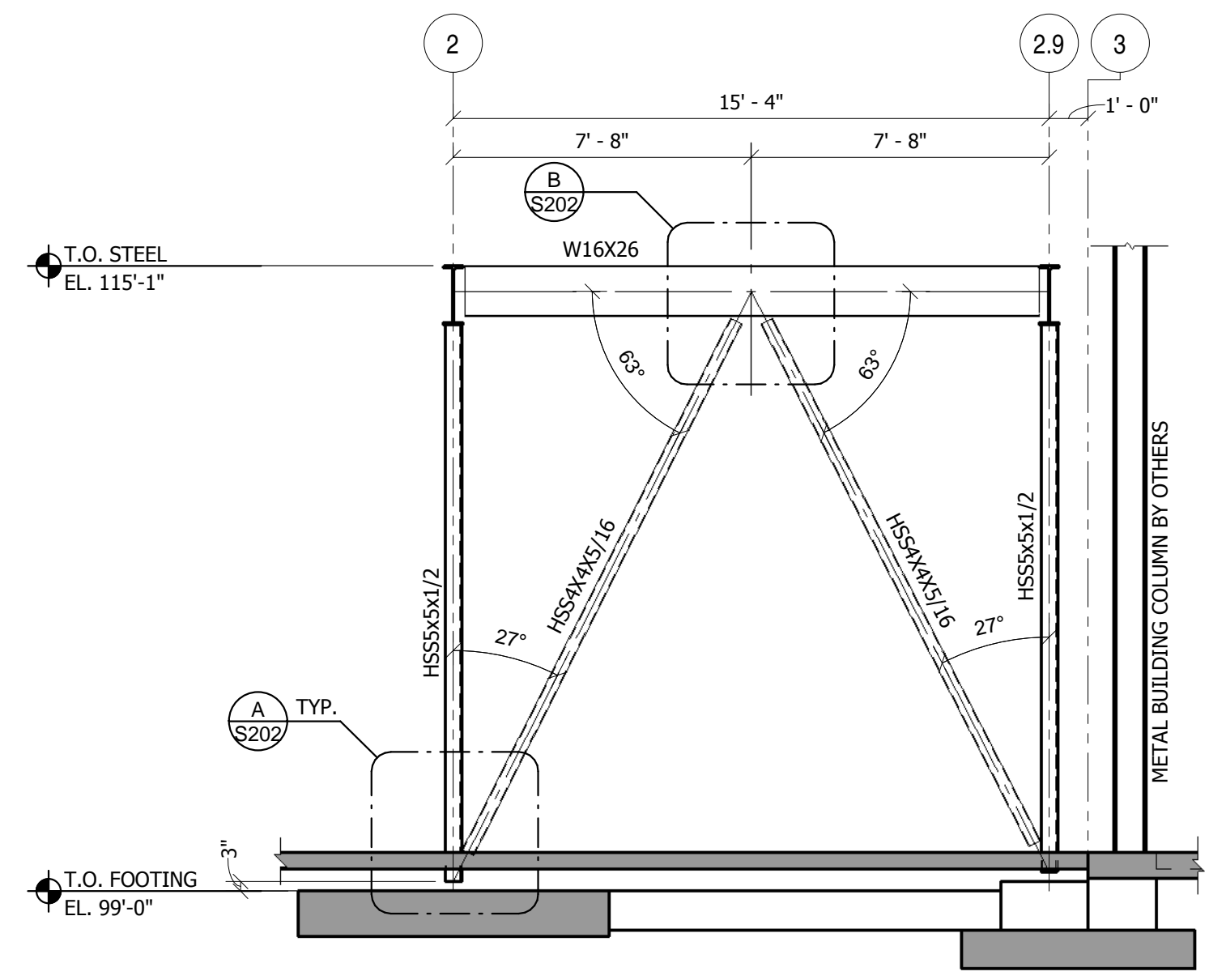
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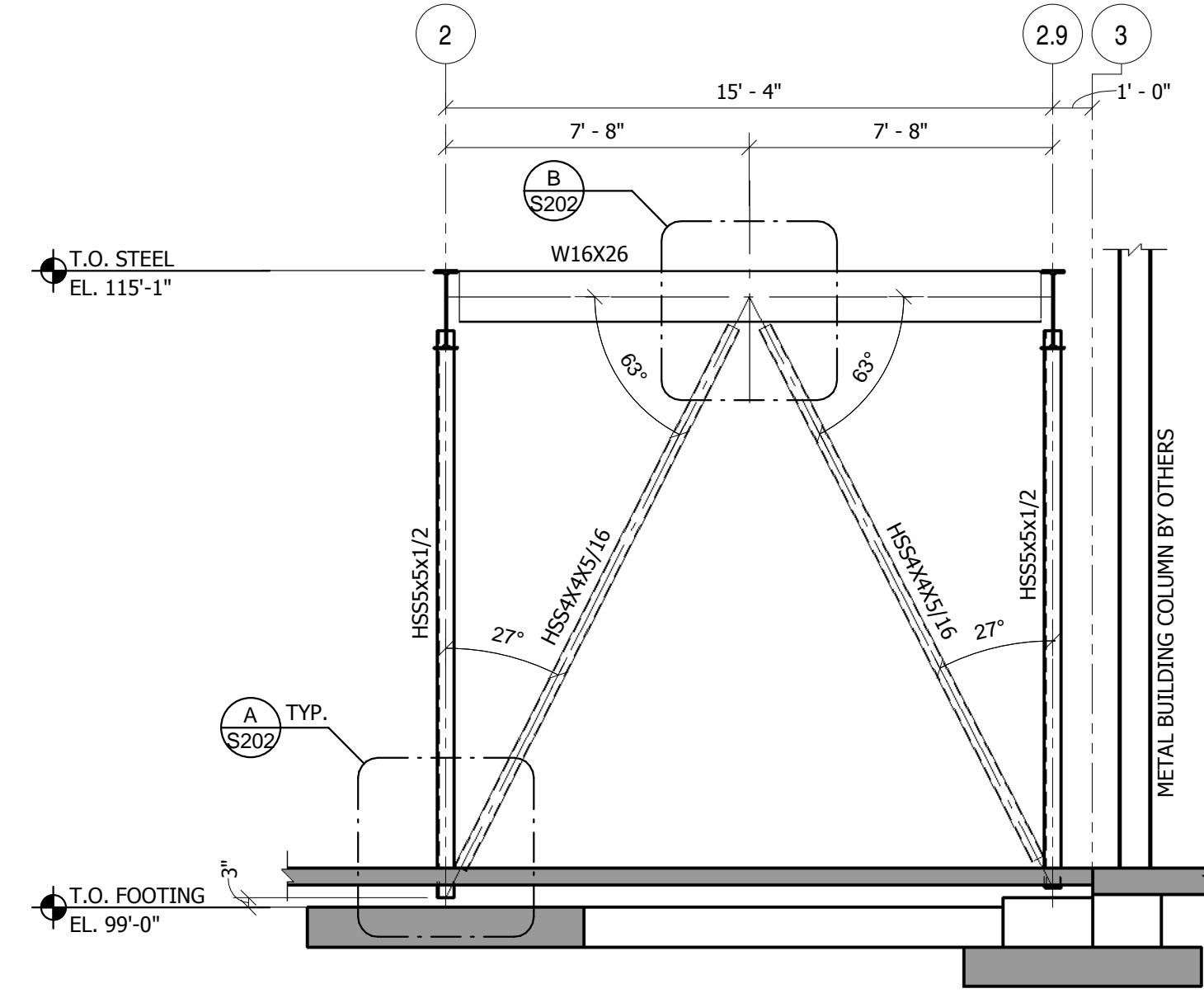
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CONSTRUCTION DOCUMENTS

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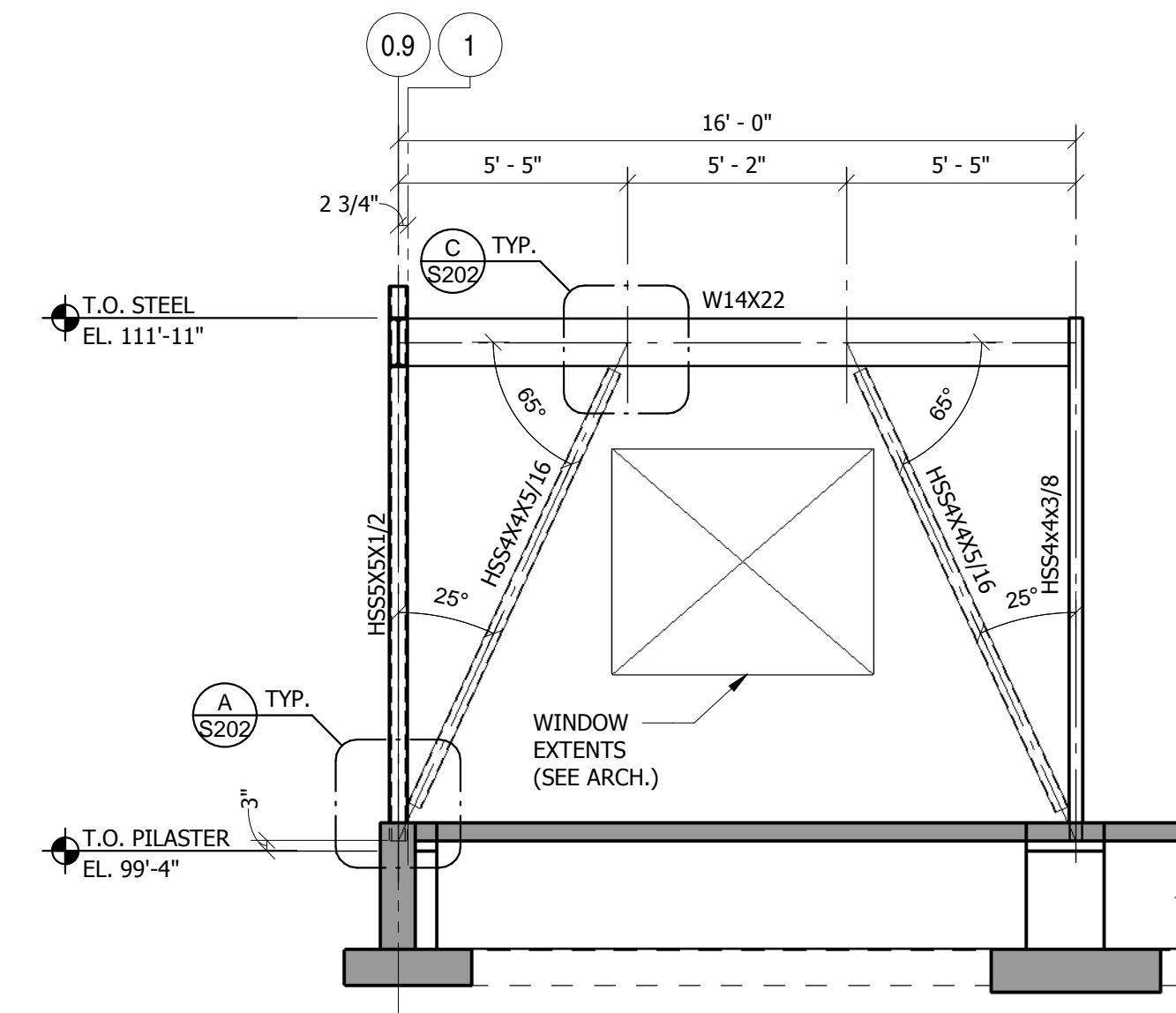
PROJECT NO: _____ **S201**



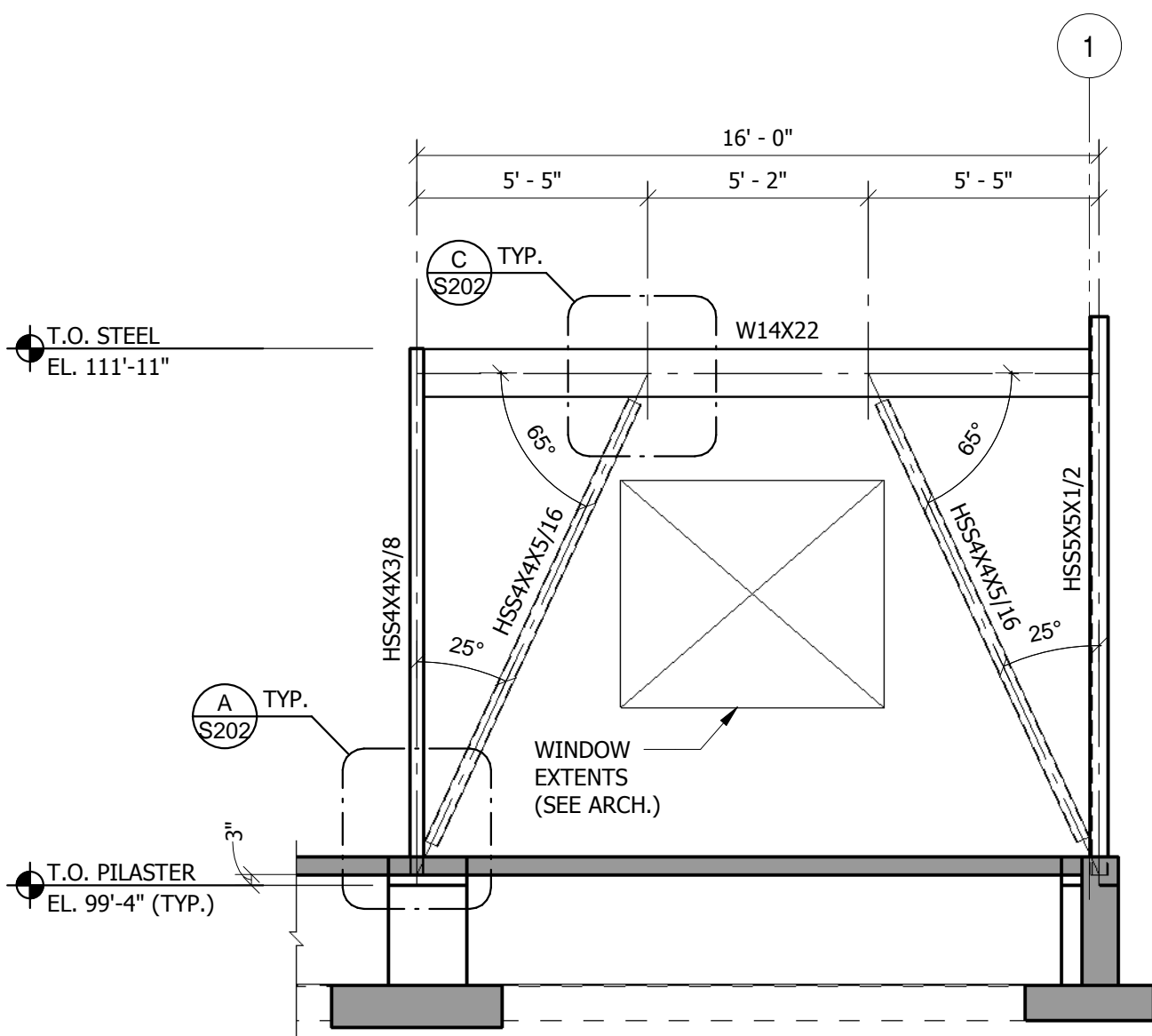
GRID C BRACED FRAME 1/4" = 1'-0"



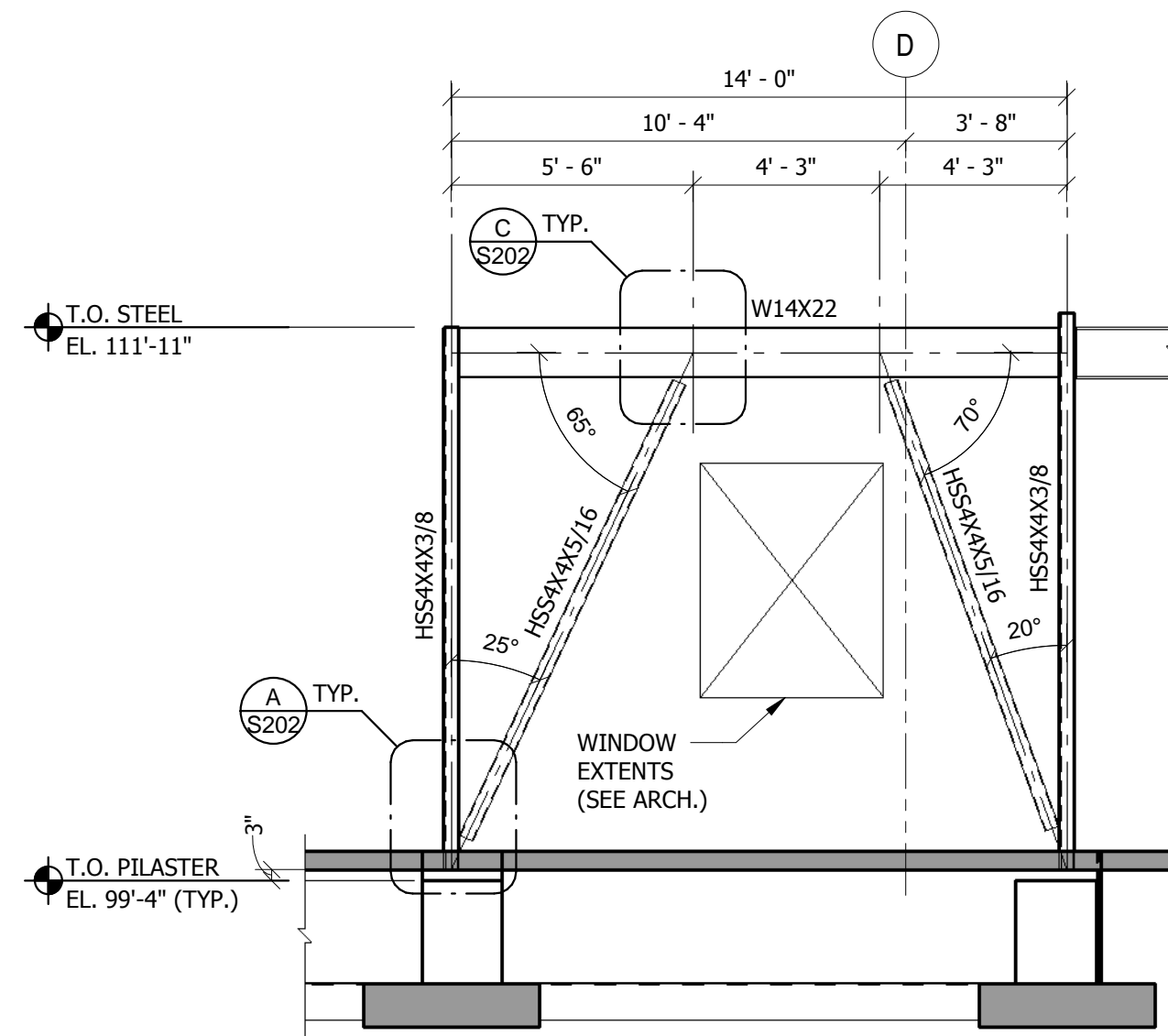
GRID D BRACED FRAME 1/4" = 1'-0"



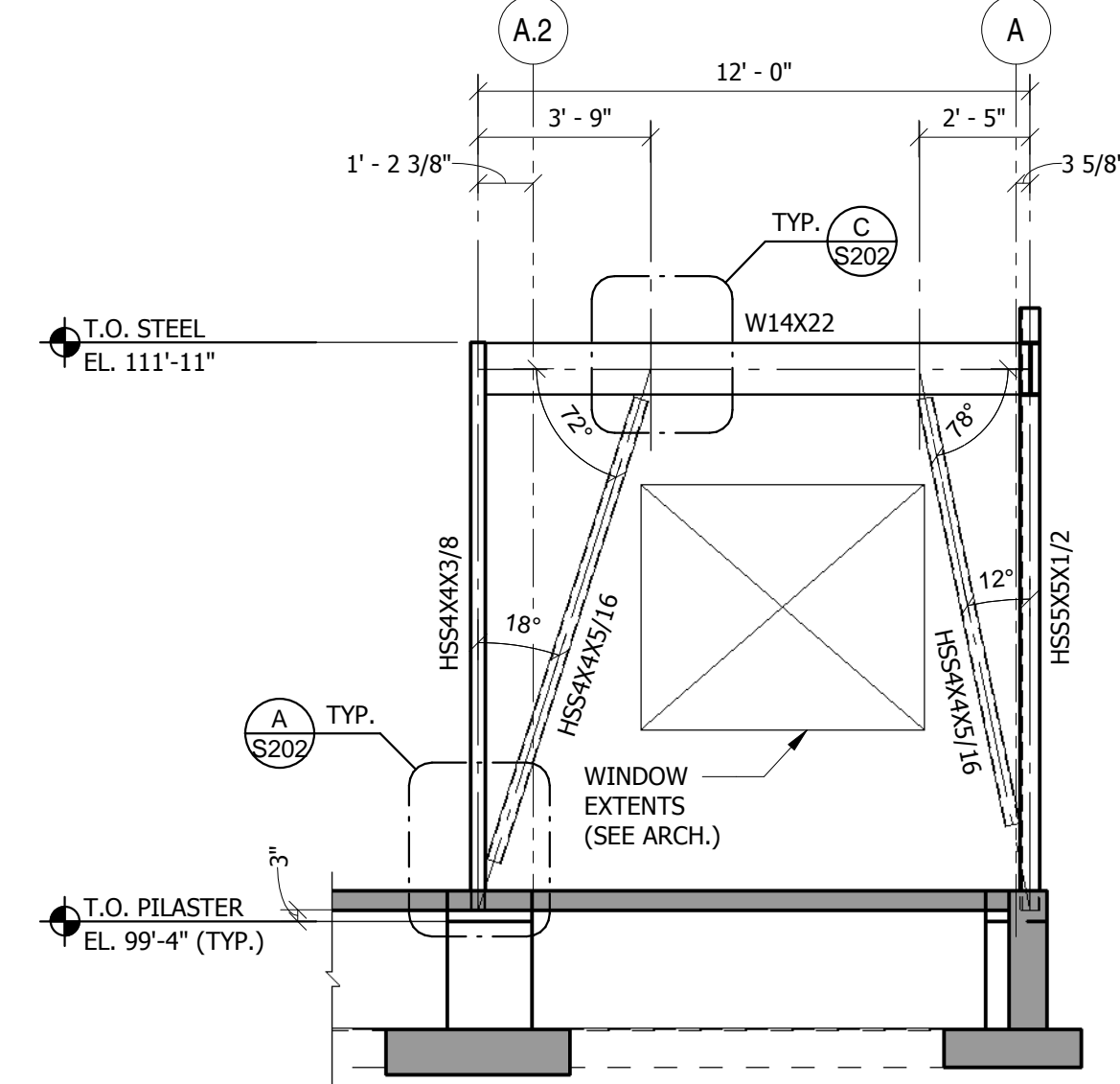
GRID A BRACED FRAME 1/4" = 1'-0"



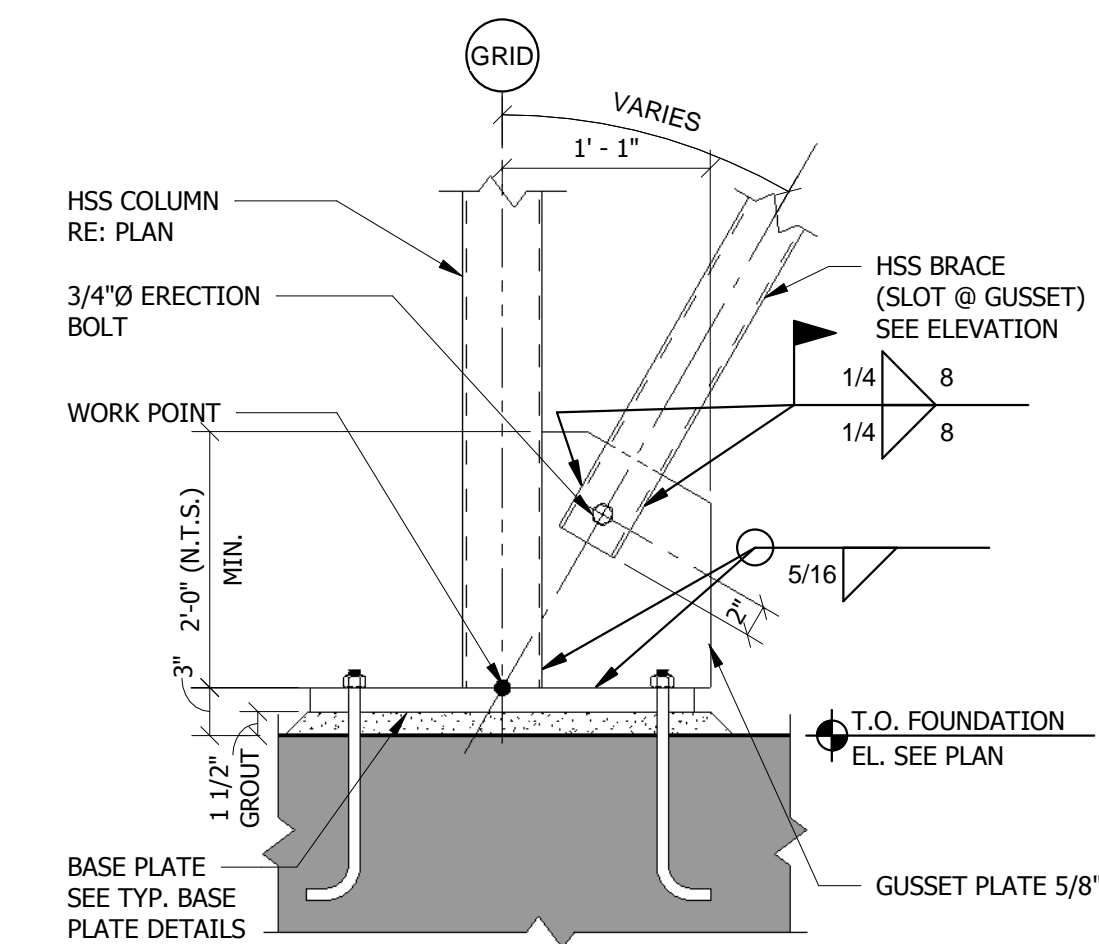
GRID F BRACED FRAME 1/4" = 1'-0"



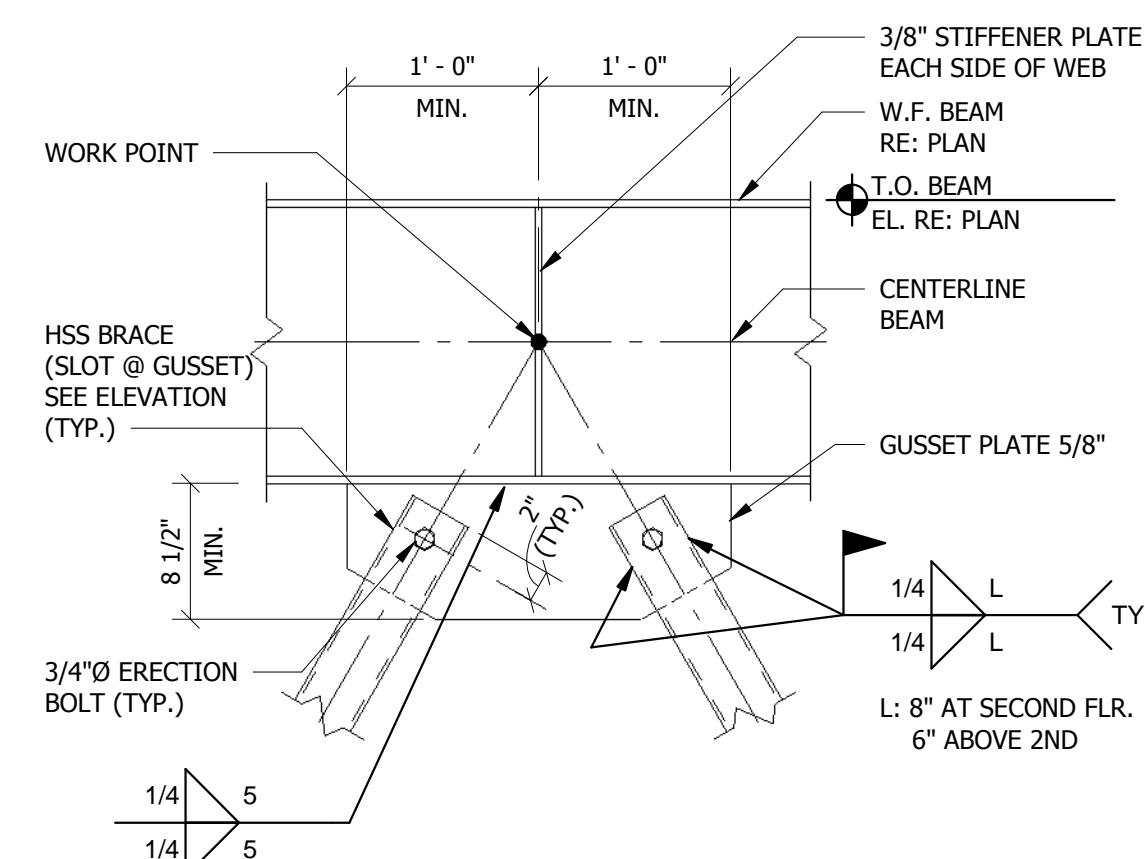
GRID 1 BRACED FRAME-SOUTH 1/4" = 1'-0"



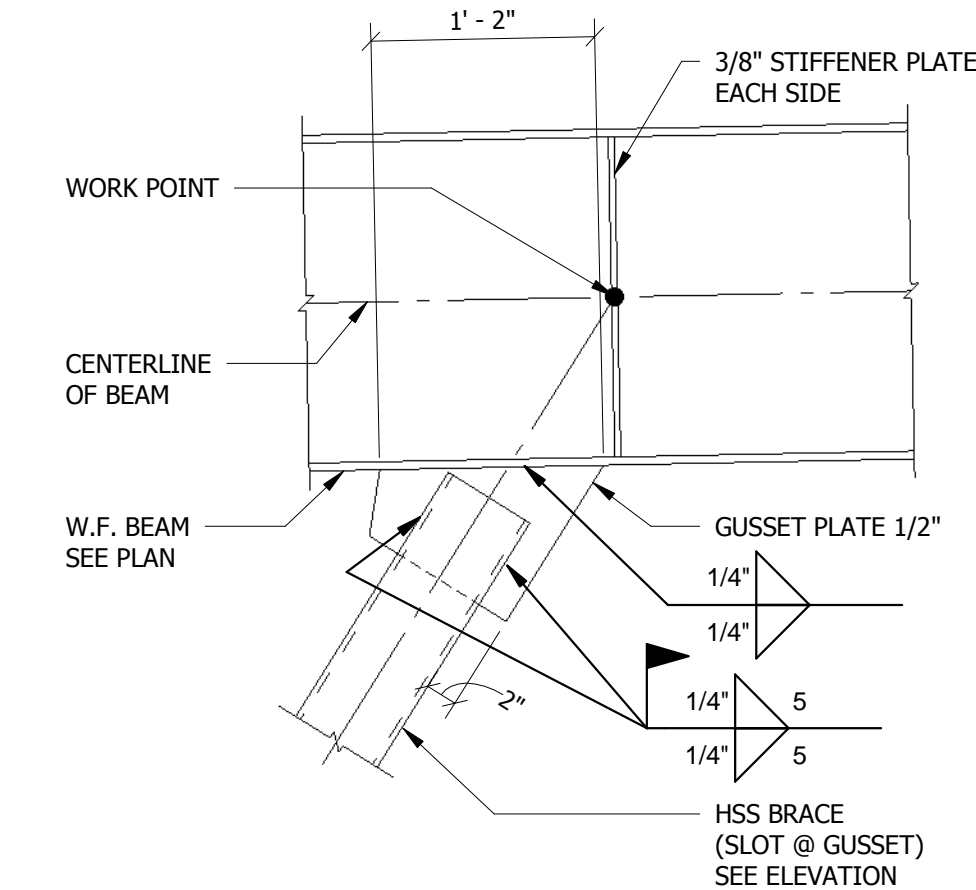
GRID 1 BRACED FRAME-NORTH 1/4" = 1'-0"



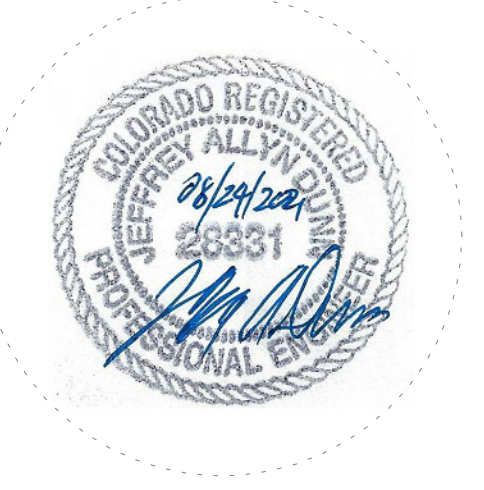
DETAIL A 1" = 1'-0"



DETAIL B 1" = 1'-0"



DETAIL C 1" = 1'-0"



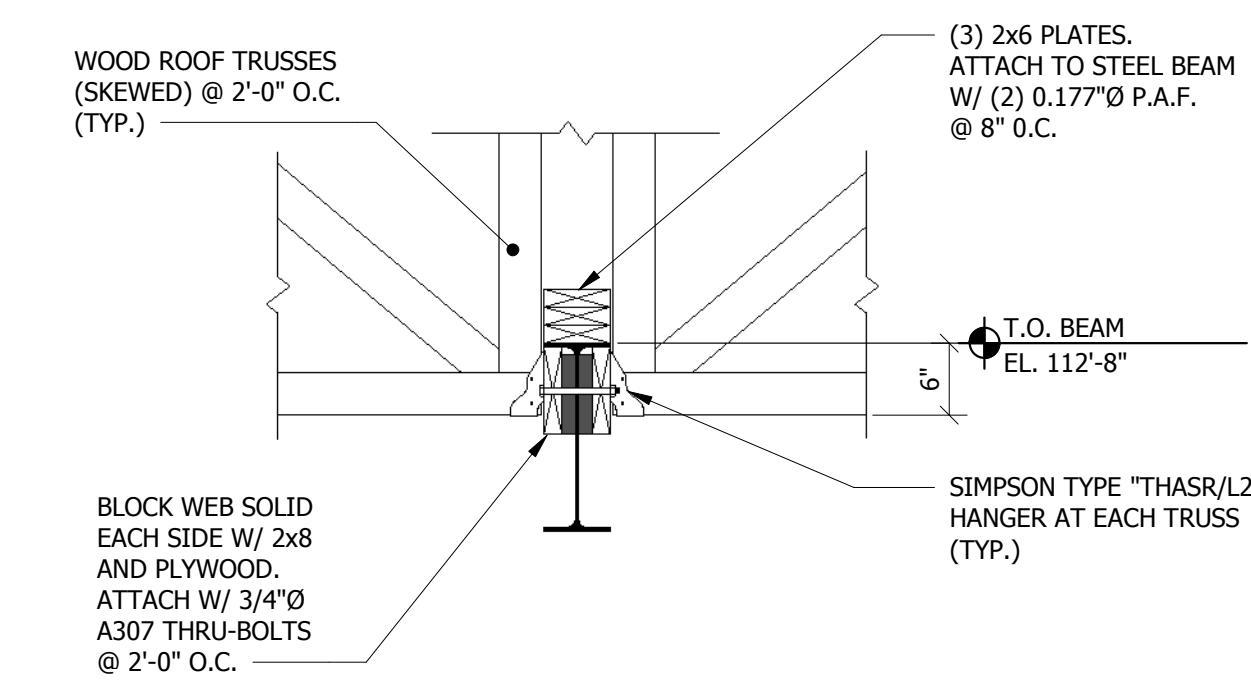
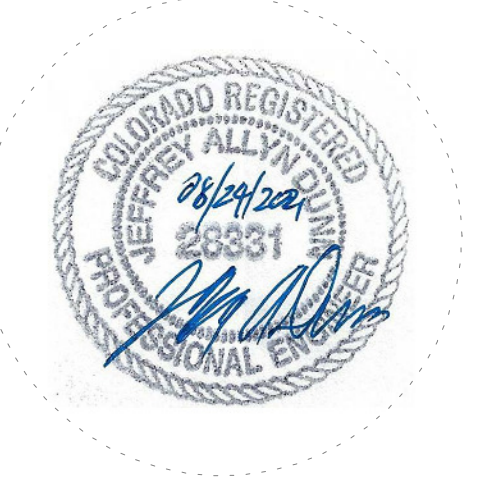
FOOD BANK OF THE ROCKIES

2295 TALL GRASS DRIVE
 GRAND JUNCTION, COLORADO

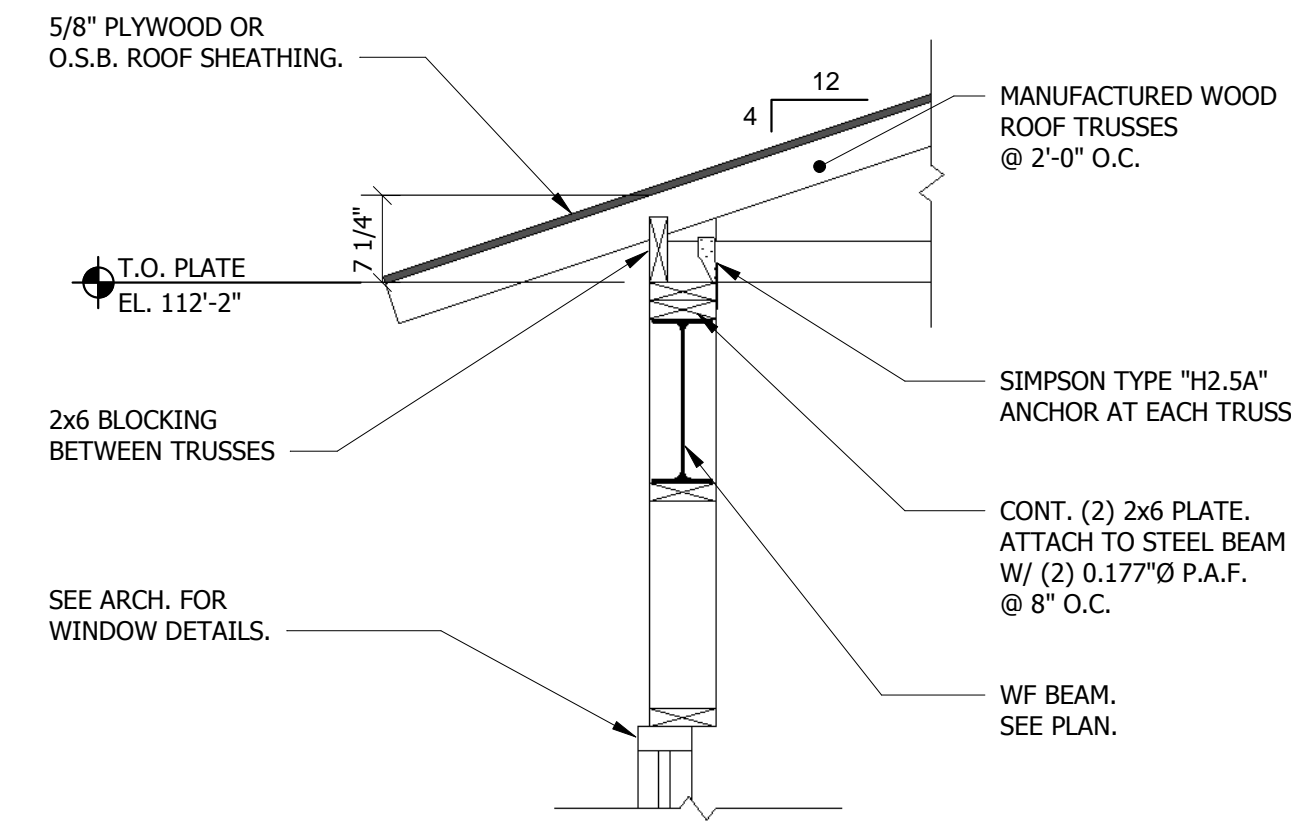
BRACED FRAME ELEVATIONS & DETAILS

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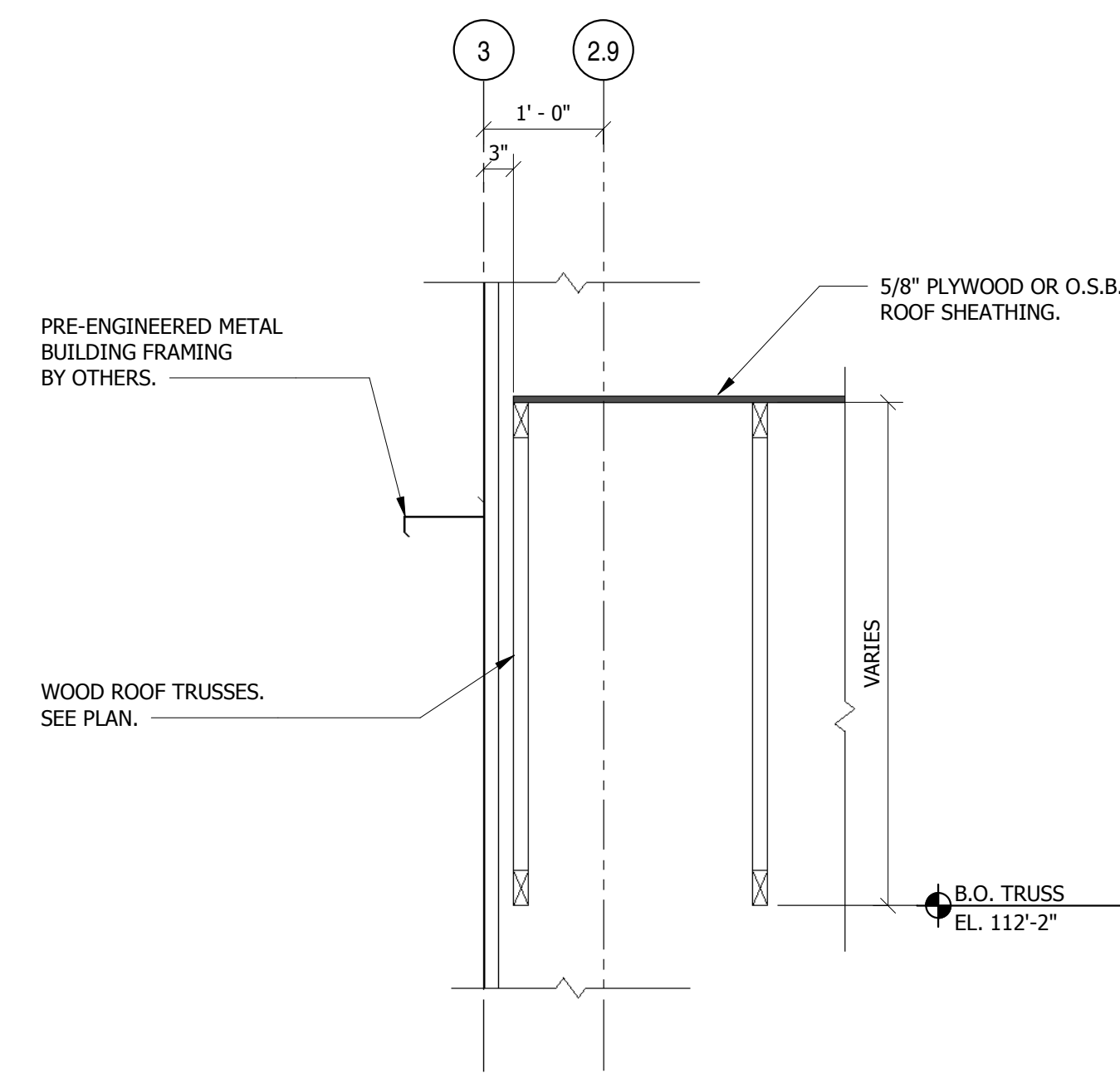
DATE: 08/24/21 SHEET NO:
 PROJECT NO: **S202**
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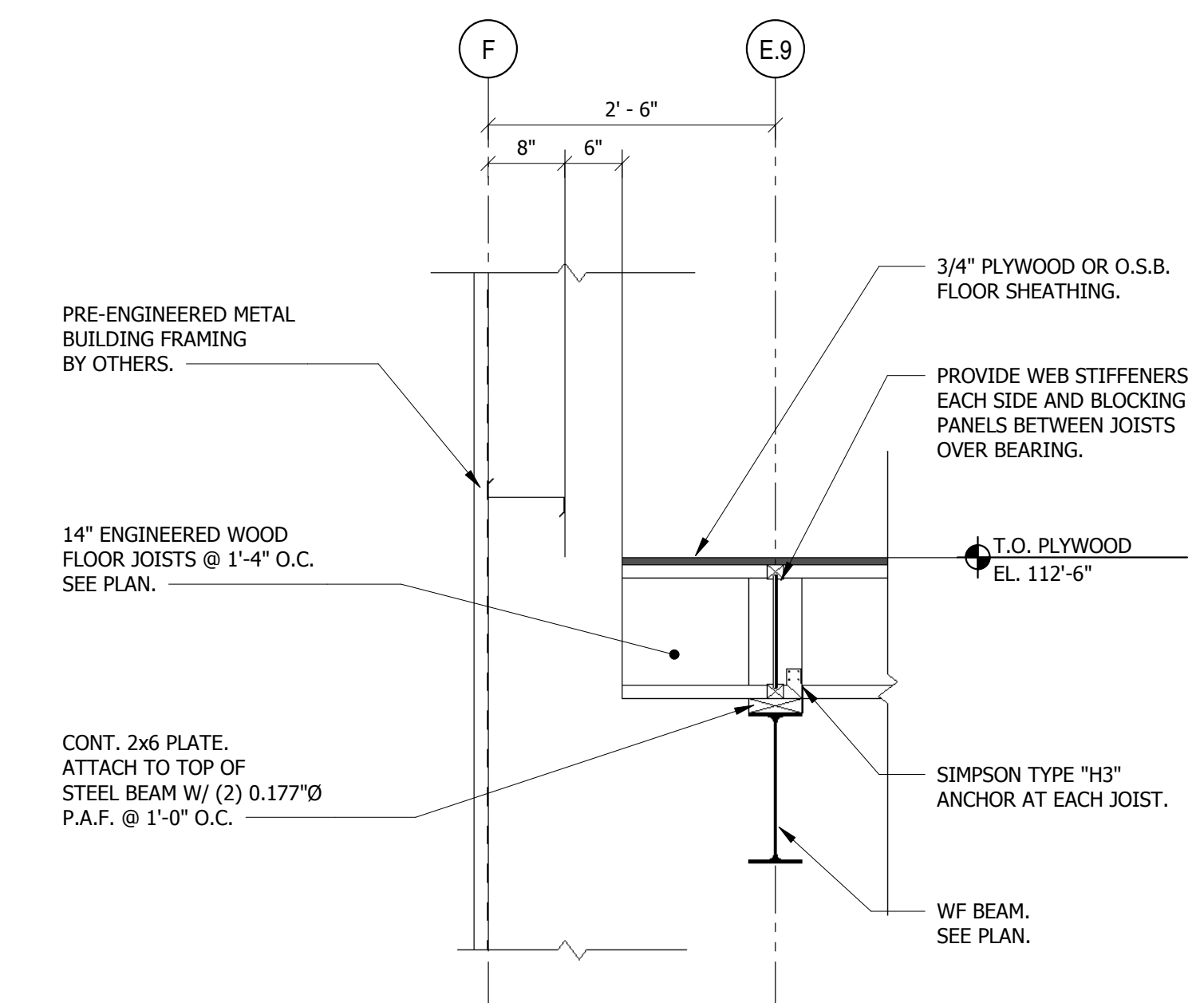
SECTION 1 3/4" = 1'-0"
S302



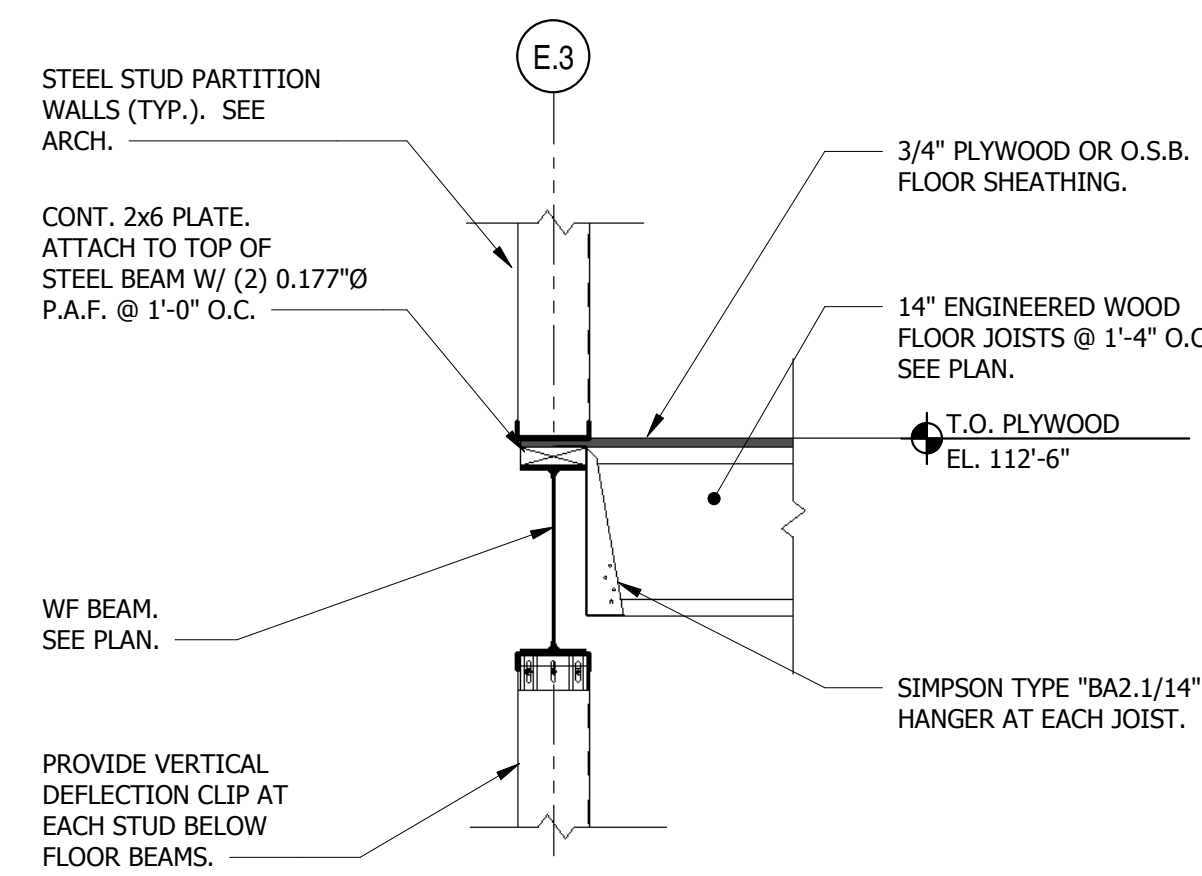
SECTION 2 3/4" = 1'-0"
S302



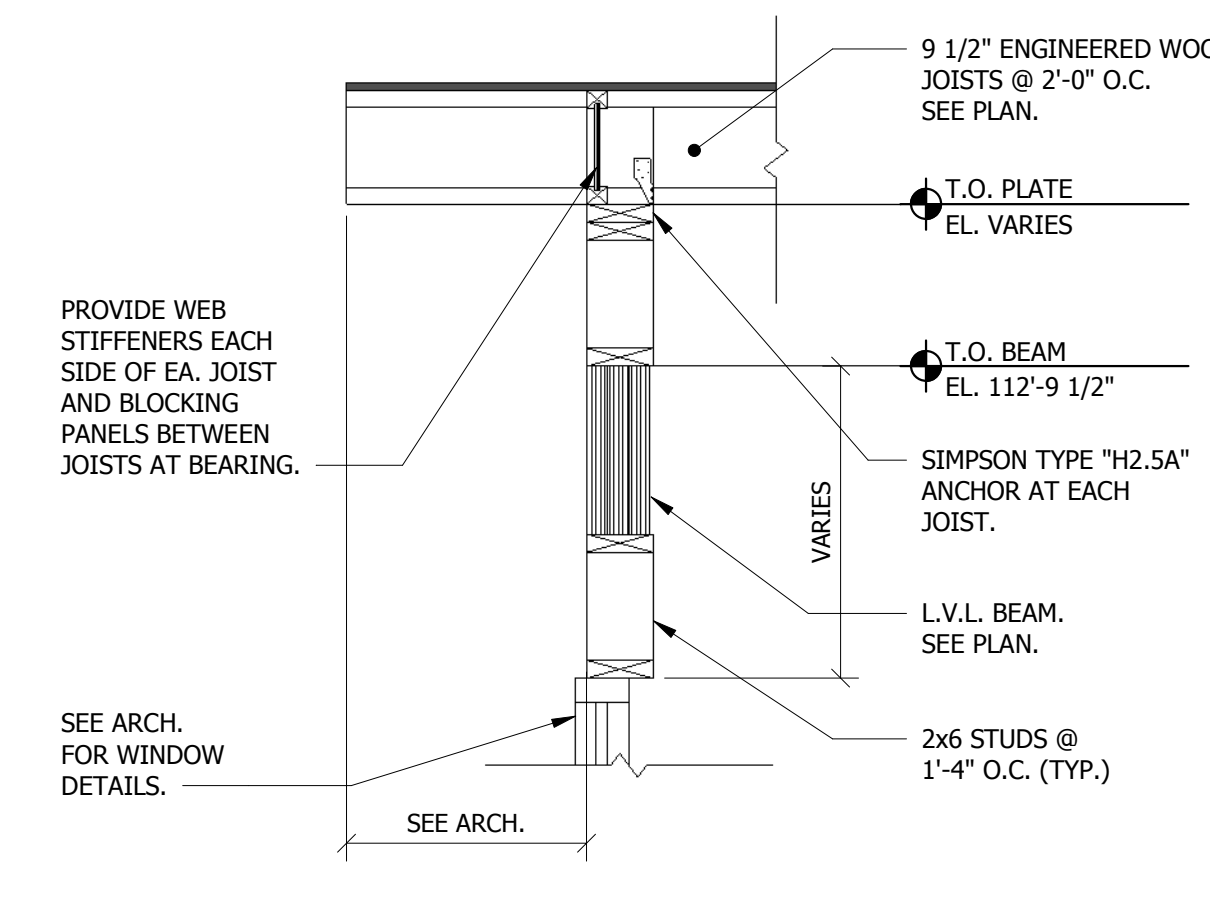
SECTION 3 3/4" = 1'-0"
S302



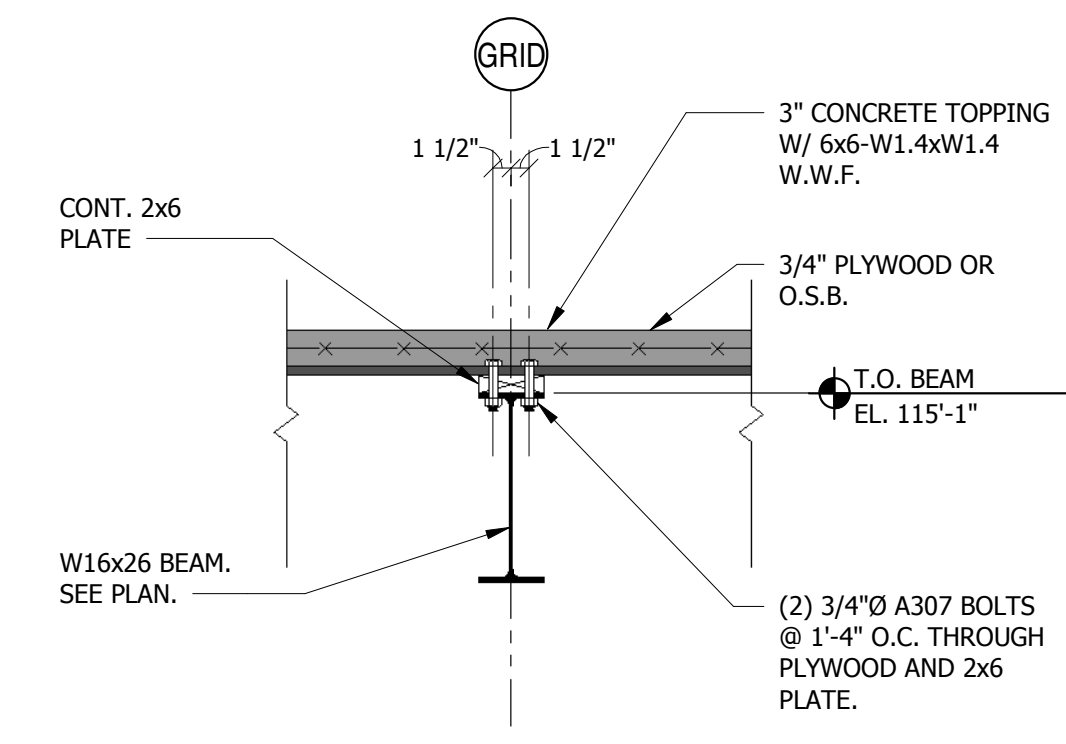
SECTION 4 3/4" = 1'-0"
S302



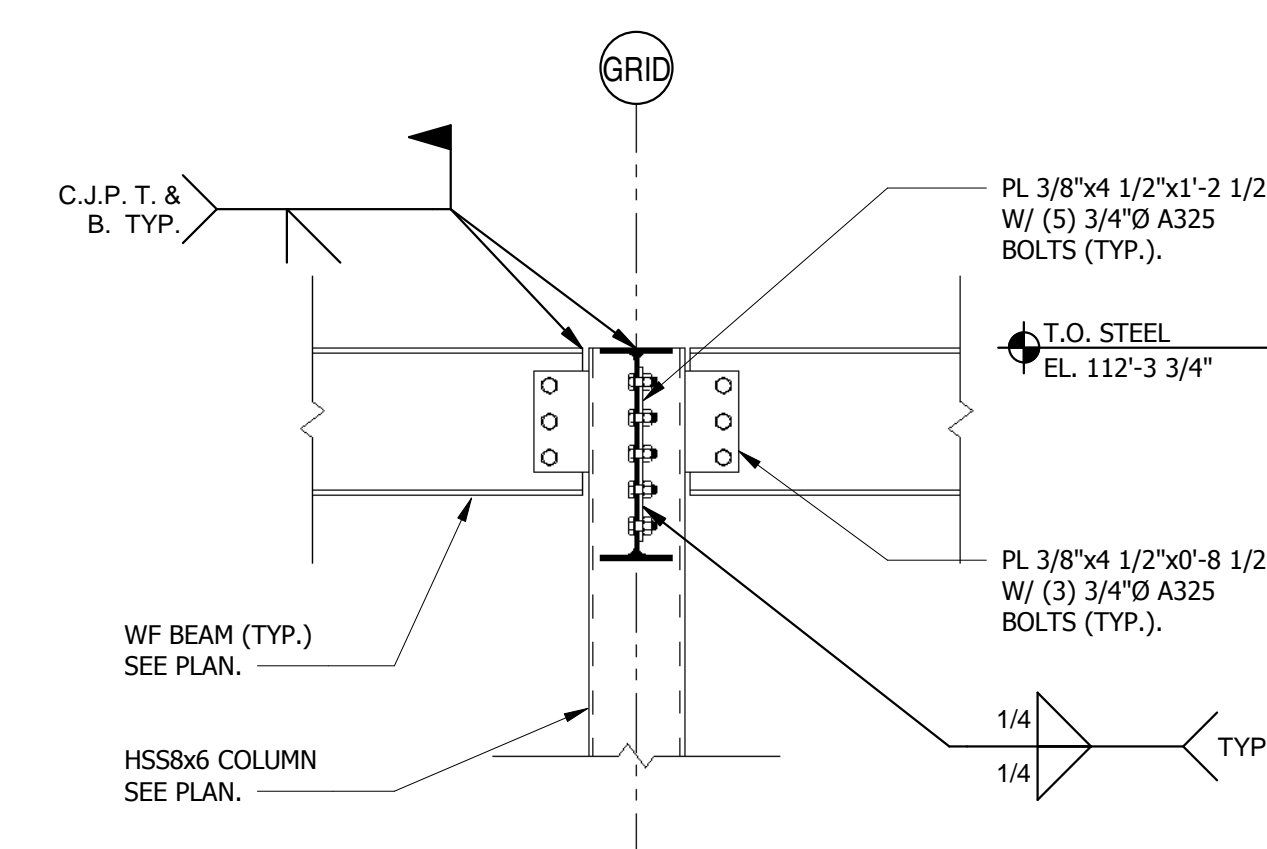
SECTION 5 3/4" = 1'-0"
S302



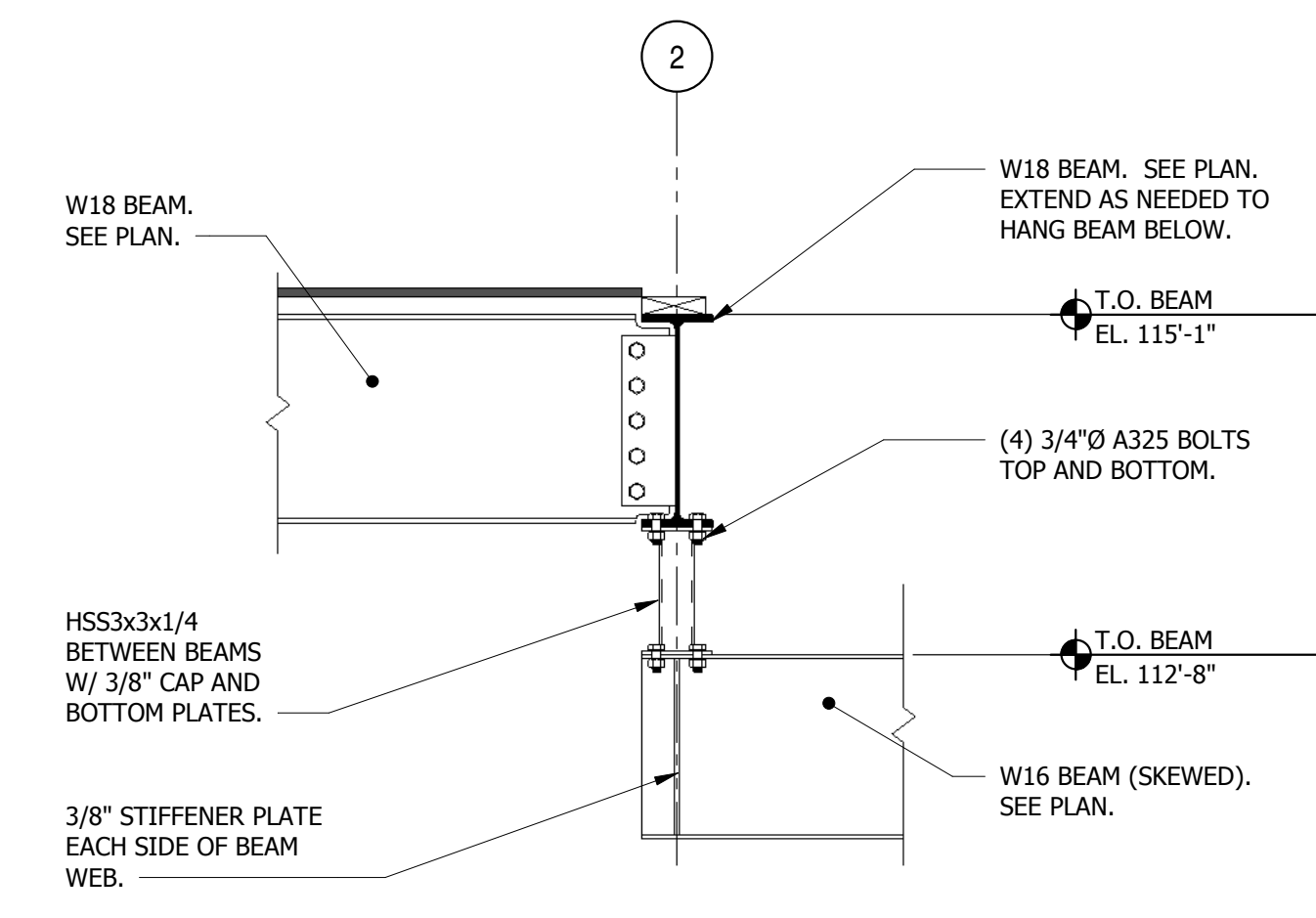
SECTION 6 3/4" = 1'-0"
S302



SECTION 7 3/4" = 1'-0"
S302



DETAIL A 3/4" = 1'-0"
S302



DETAIL B 3/4" = 1'-0"
S302

FOOD BANK OF THE ROCKIES

2295 TALL GRASS DRIVE
GRAND JUNCTION, COLORADO

FRAMING SECTIONS & DETAILS

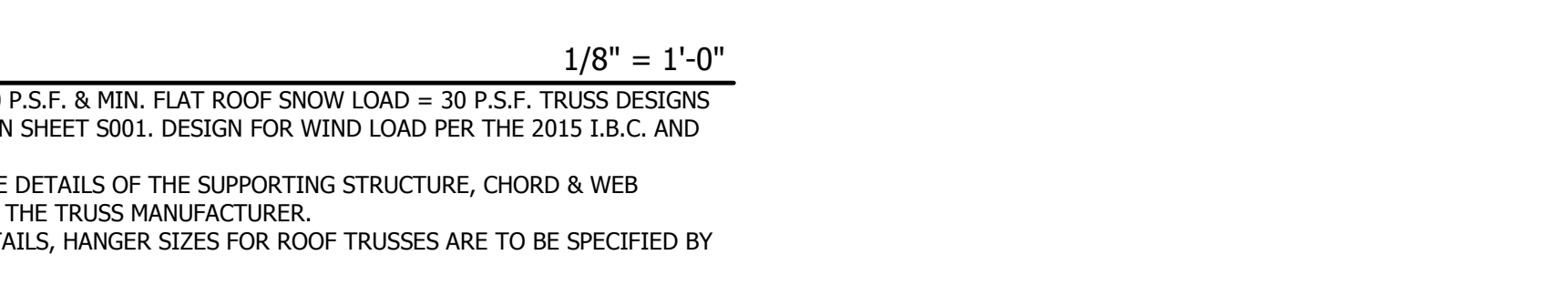
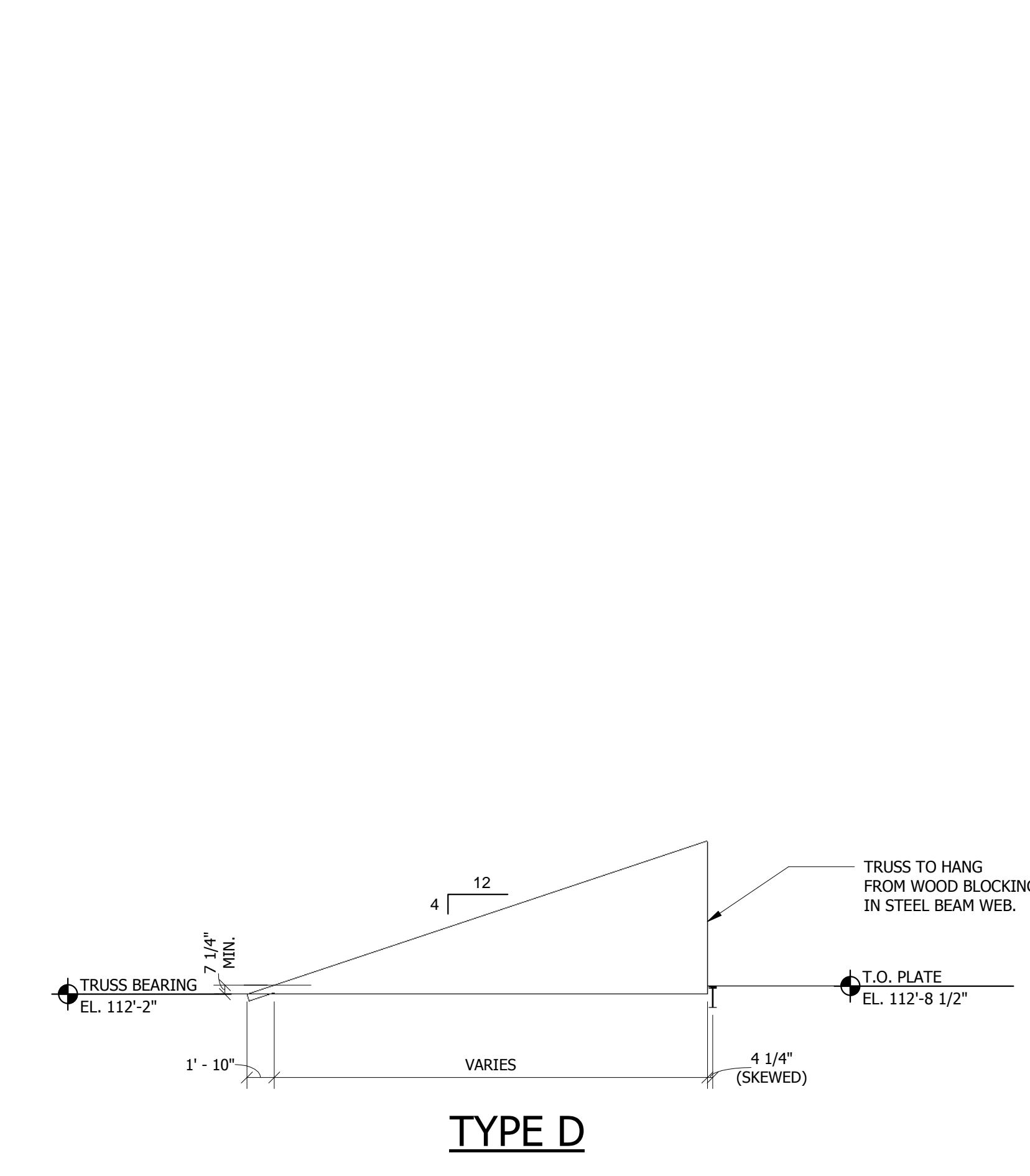
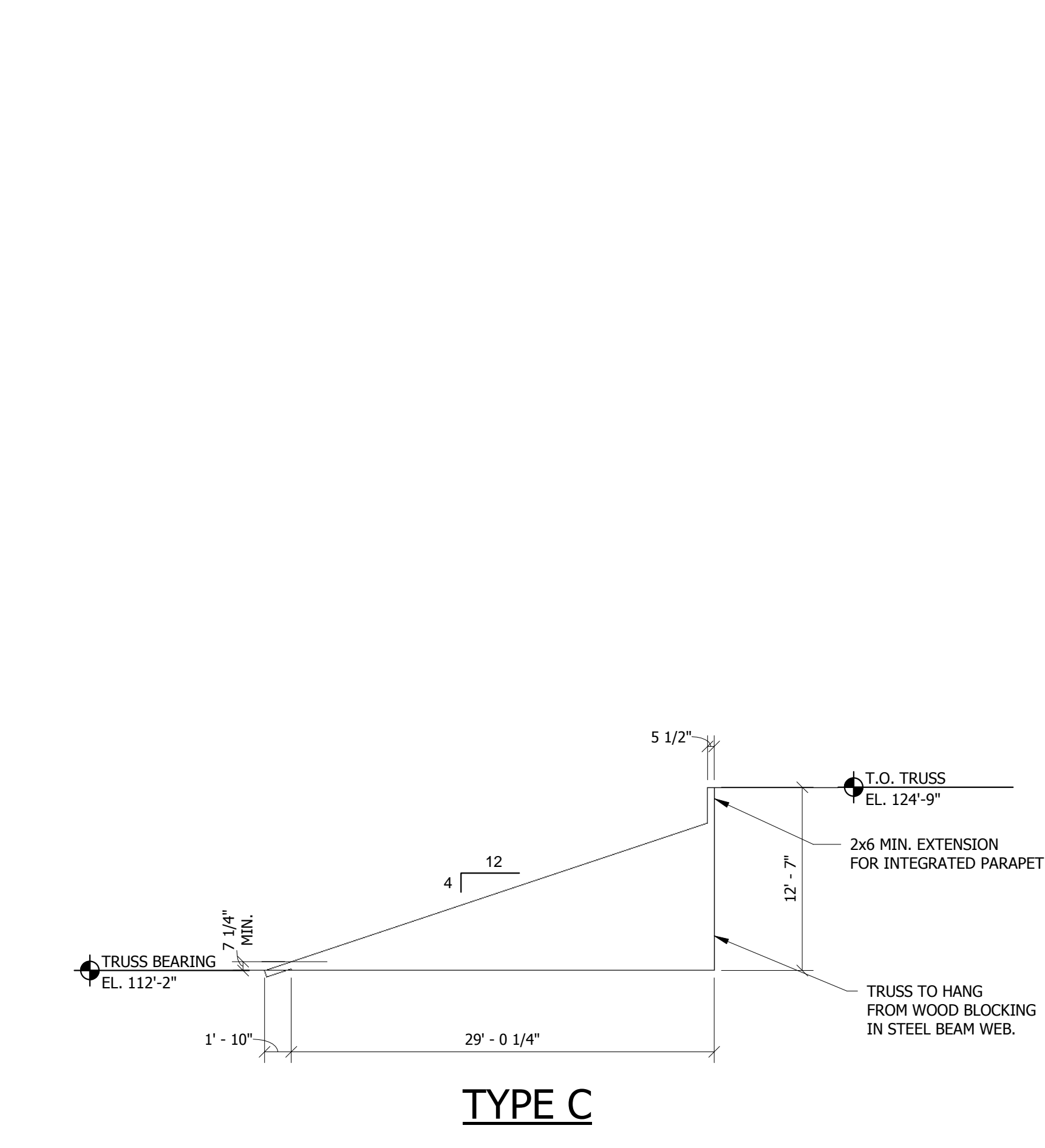
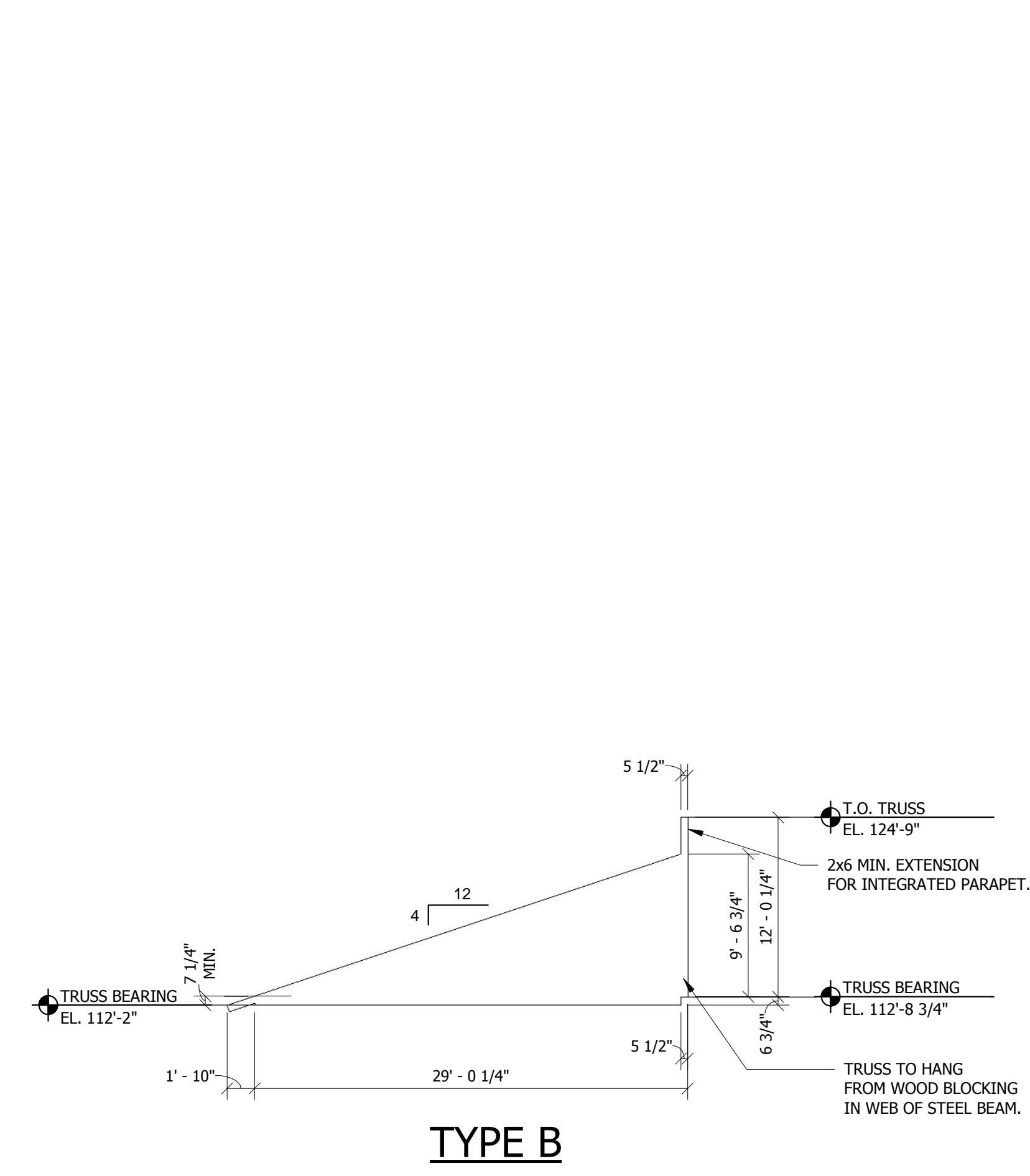
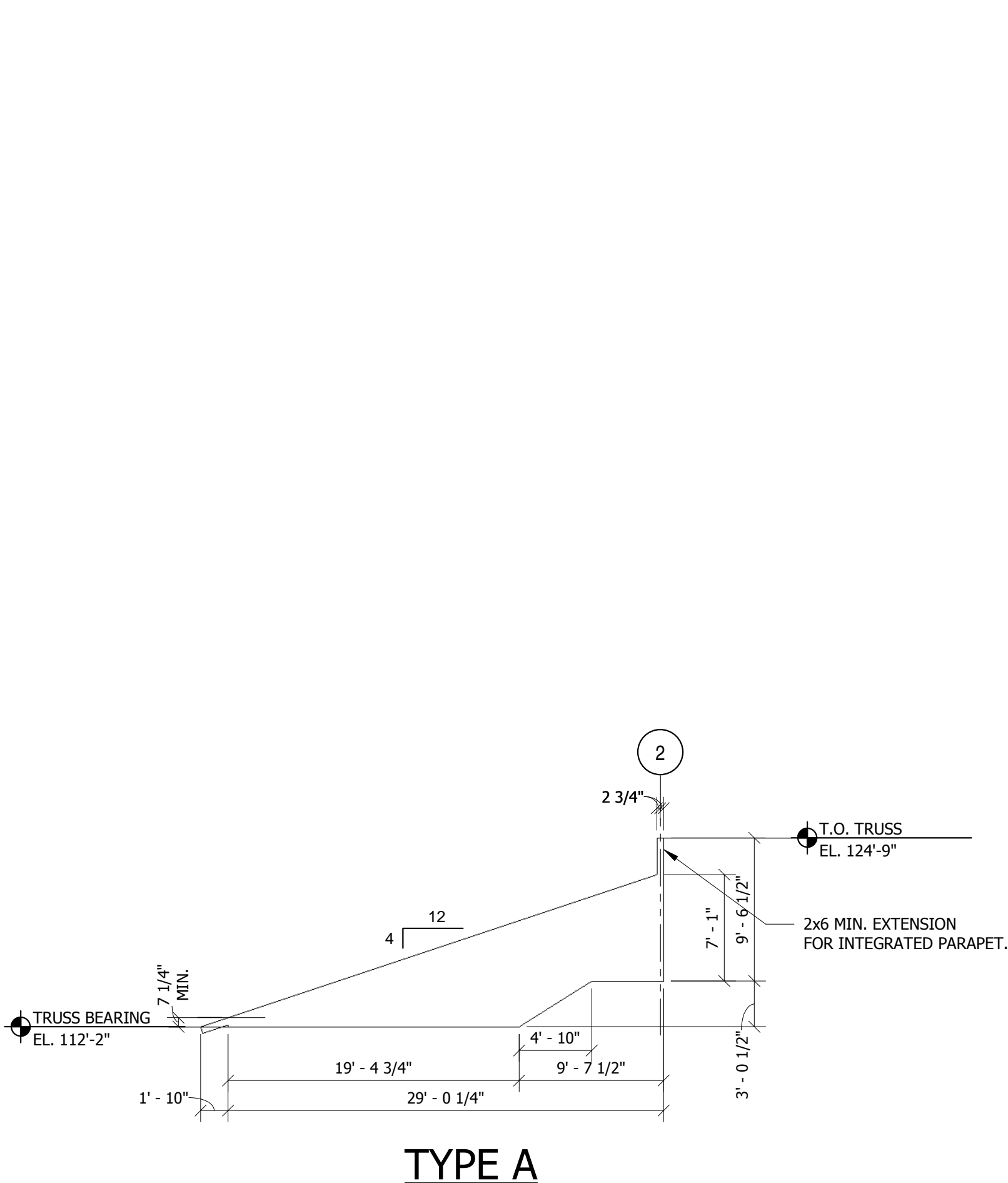
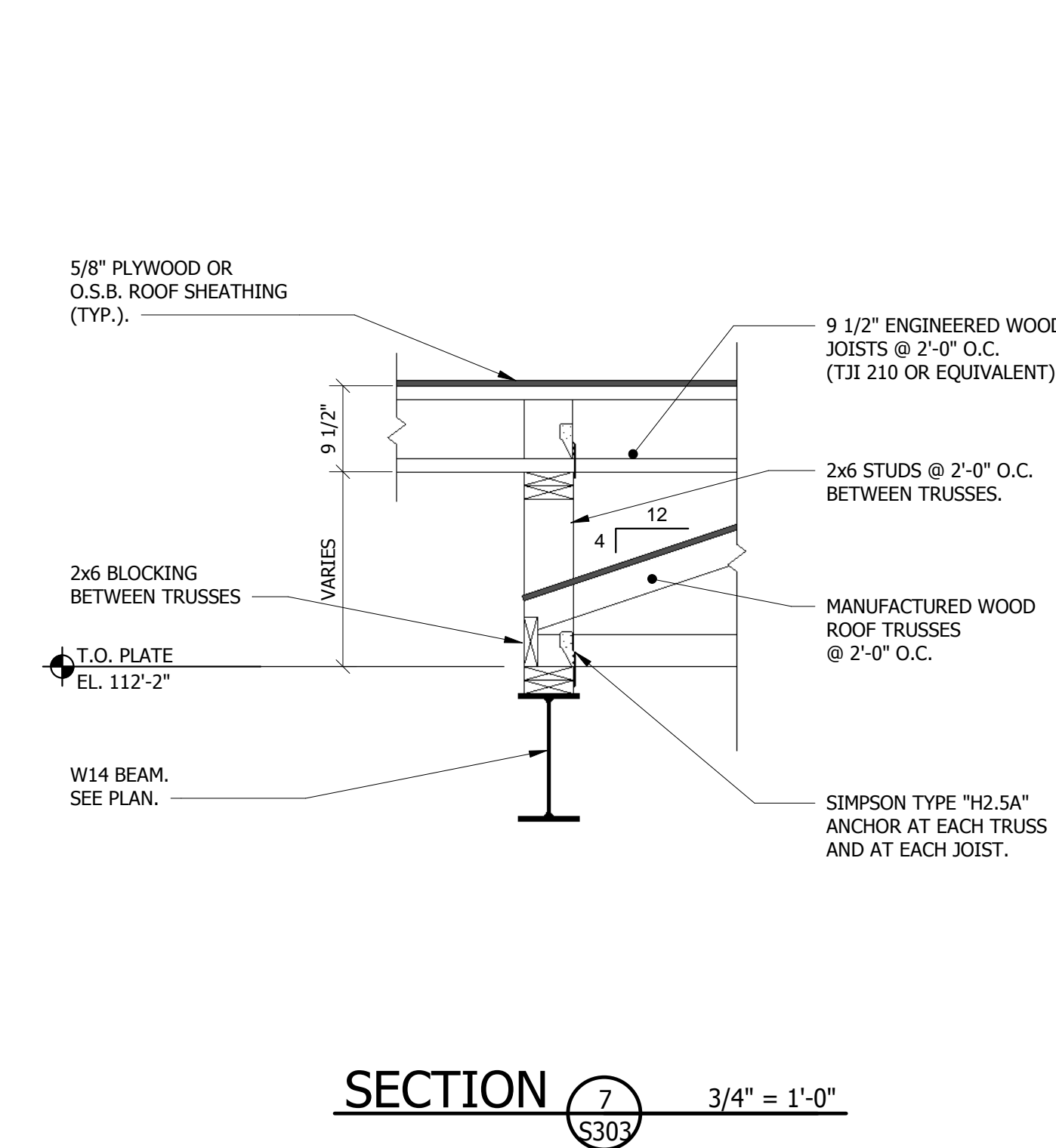
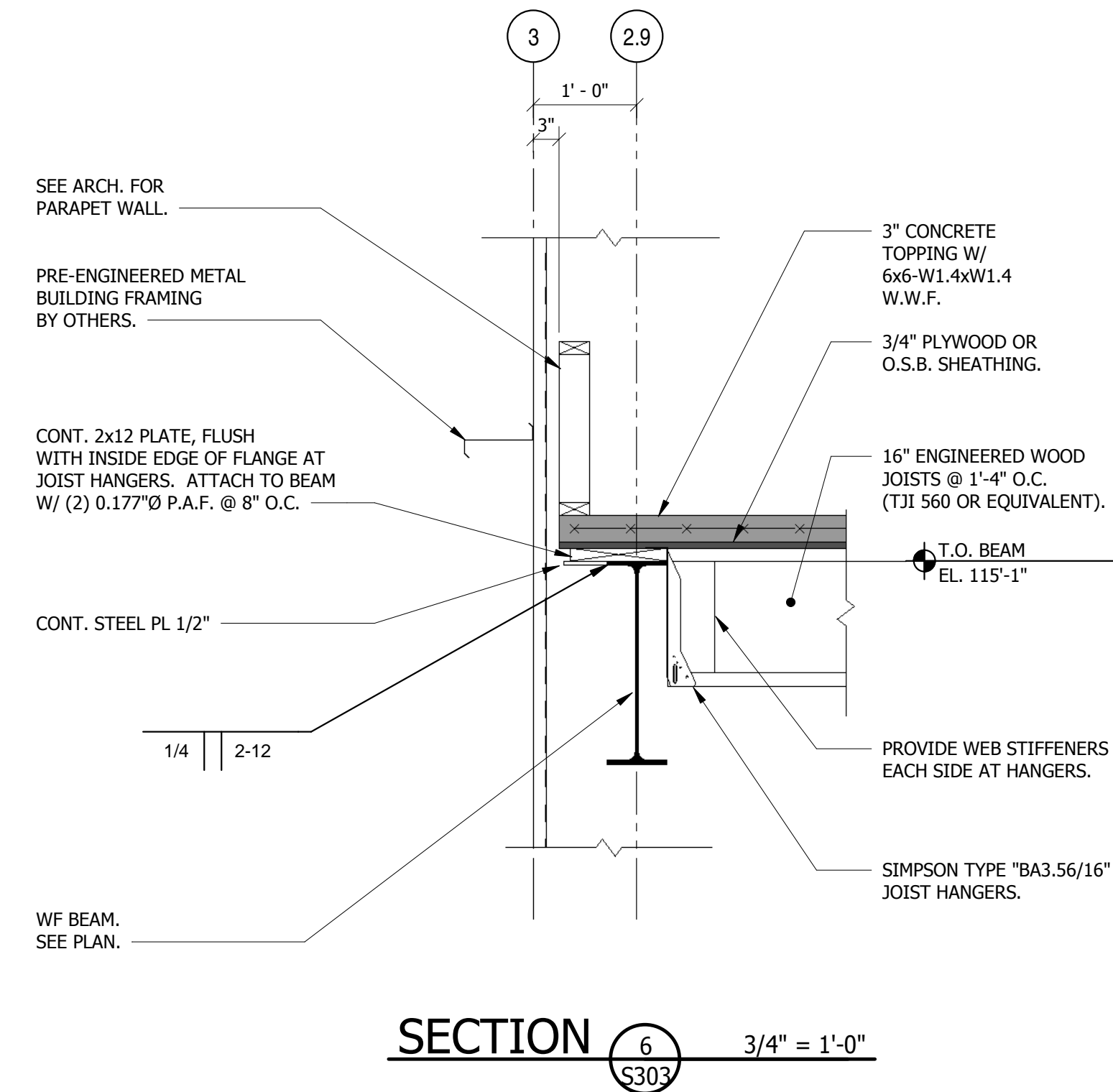
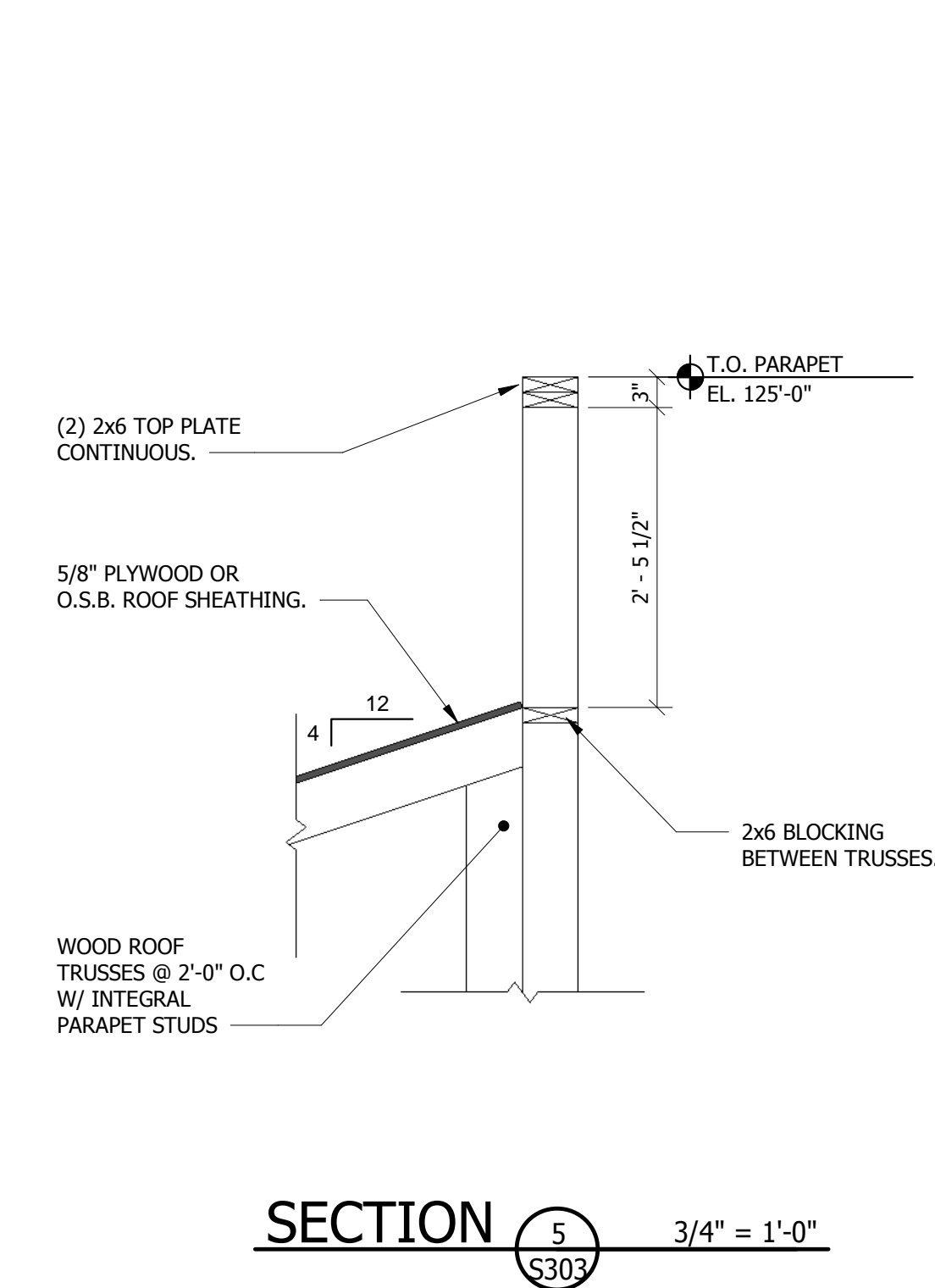
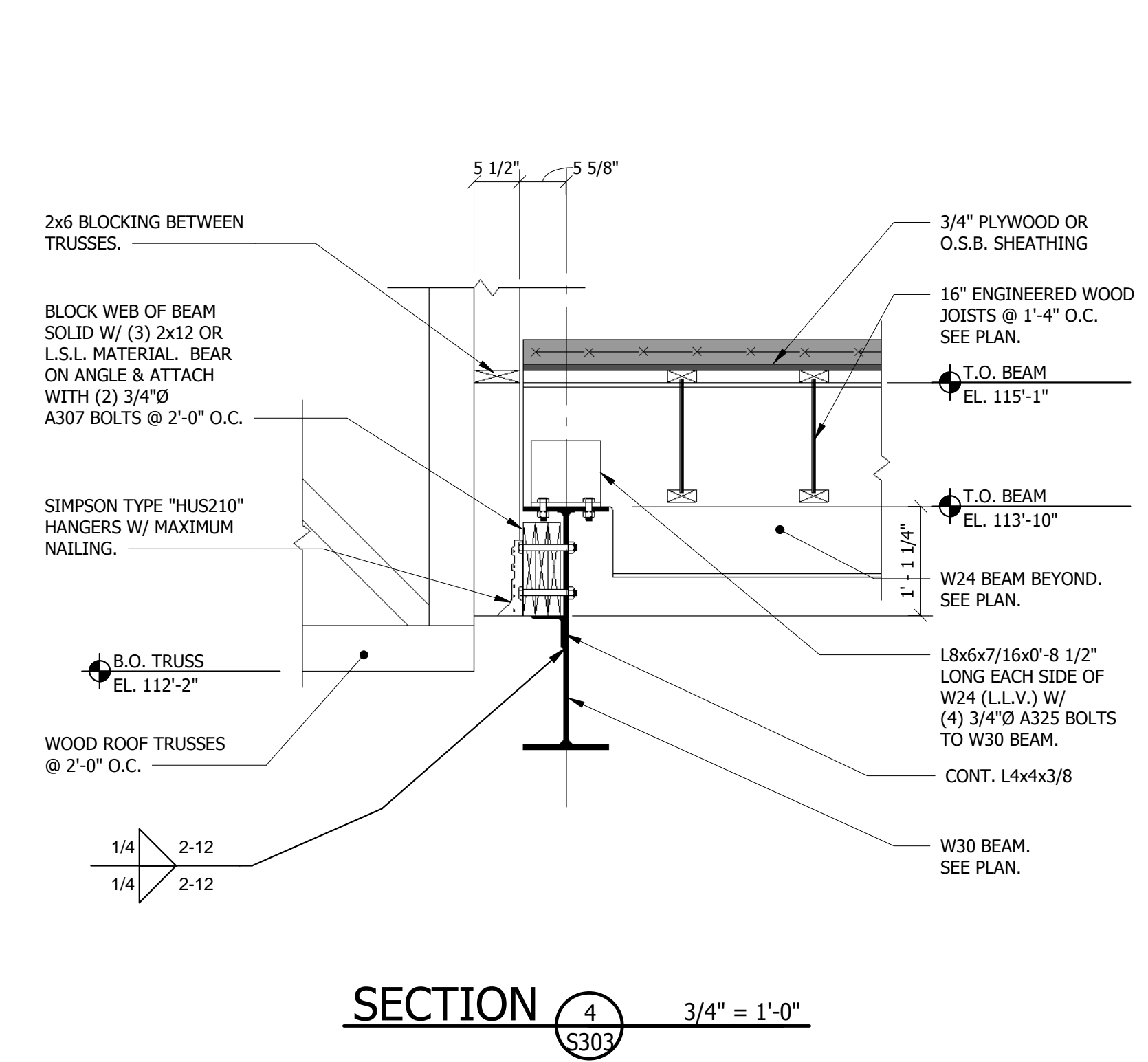
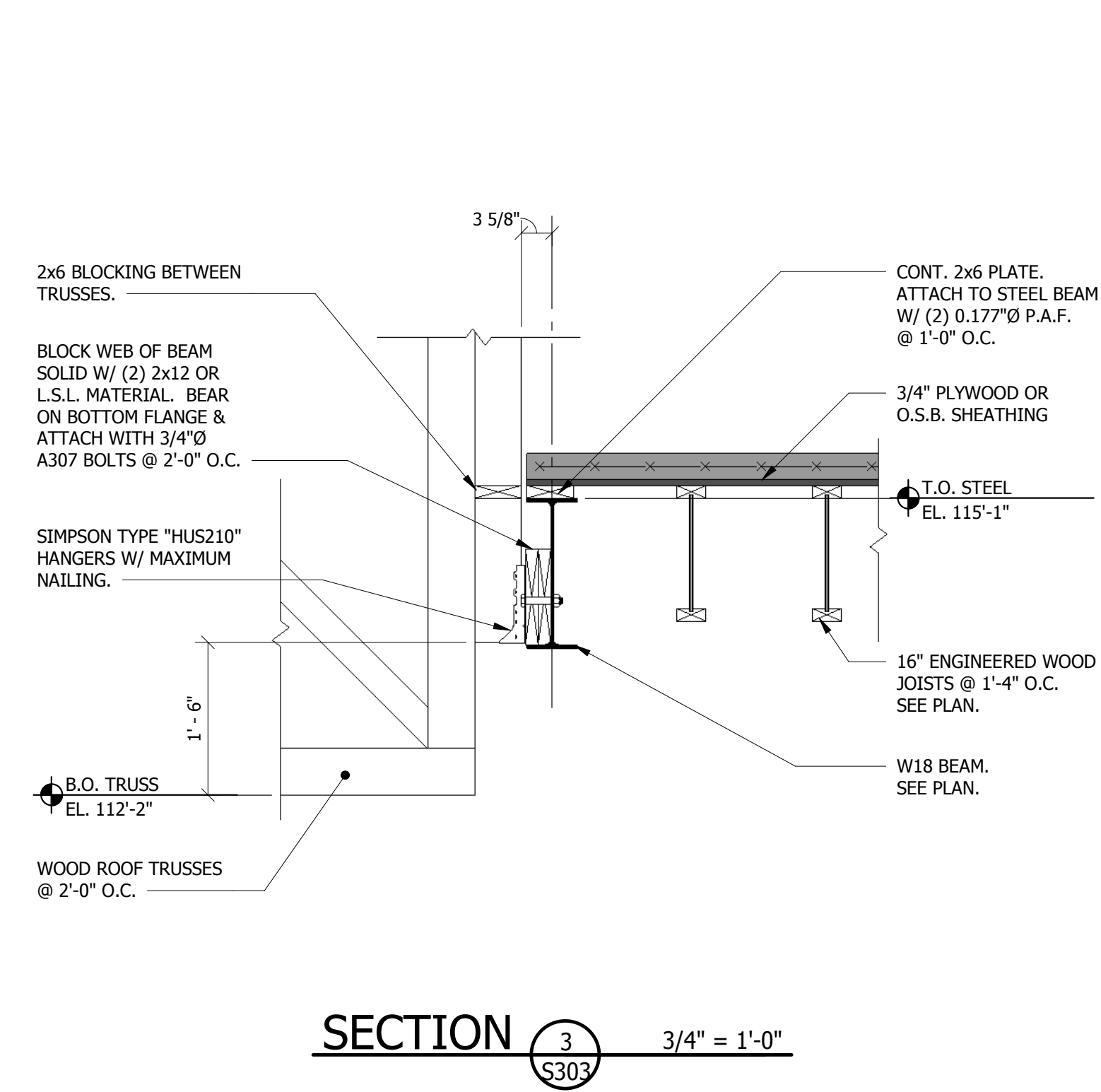
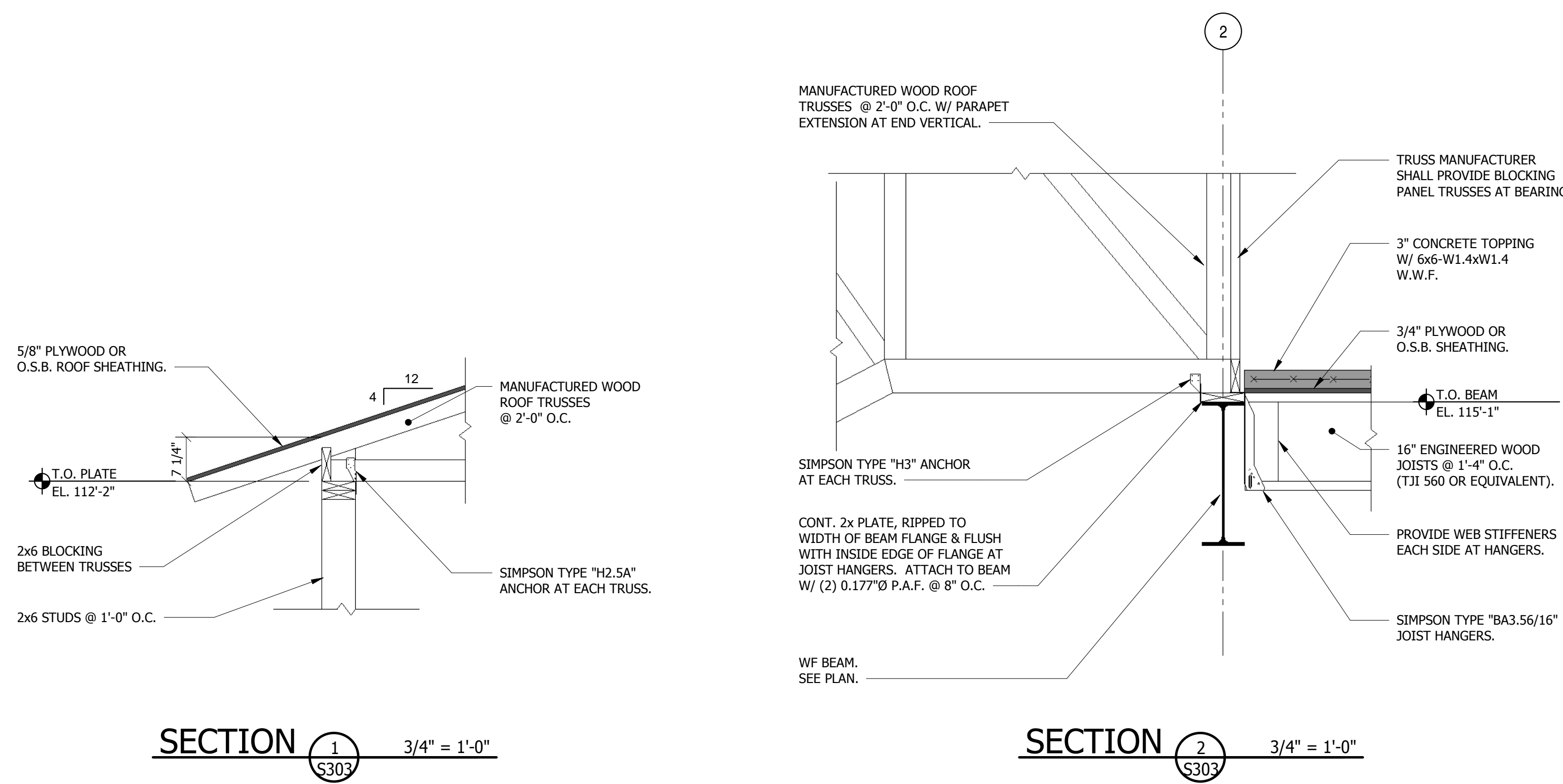
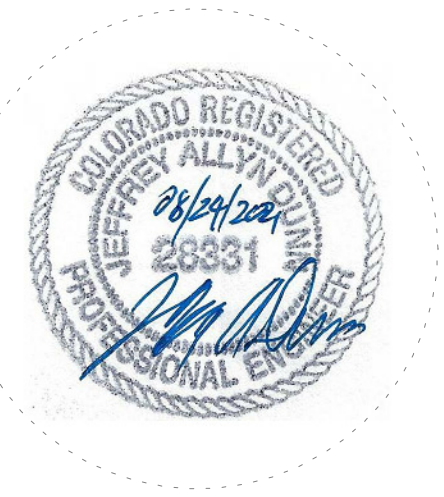
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ROOF TRUSS PROFILES

1/8" = 1'-0"

- DESIGN TRUSSES FOR MIN. TOP CHORD DEAD LOAD = 20 P.S.F. & MIN. FLAT ROOF SNOW LOAD = 30 P.S.F. TRUSS DESIGNS MUST ALSO CONSIDER SNOW DRIFT LOADS AS SHOWN ON SHEET 5001. DESIGN FOR WIND LOAD PER THE 2015 I.B.C. AND ASCE 7-10.
- TRUSS PROFILES ARE SHOWN TO CONFORM WITH THE DETAILS OF THE SUPPORTING STRUCTURE, CHORD & WEB MEMBER LAYOUTS AND DESIGN ARE TO BE PROVIDED BY THE TRUSS MANUFACTURER.
- UNLESS OTHERWISE SPECIFIED IN THE STRUCTURAL DETAILS, HANGER SIZES FOR ROOF TRUSSES ARE TO BE SPECIFIED BY THE TRUSS MANUFACTURER.

FOOD BANK OF THE ROCKIES

2295 TALL GRASS DRIVE
GRAND JUNCTION, COLORADO

FRAMING SECTIONS & DETAILS

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