

<div>DESIGN LOADS</div> <div>CODE BODY: IBC 2006</div> <div>Pg: 25 PSF</div> <div>Is: 1.0</div> <div>Ce: 1.0</div> <div>Cs: 1.0</div> <div>Ct: 1.1</div> <div>Pg: 20 PSF</div> <div>ROOF DEAD LOAD: 5 PSF</div> <div>CEILING LIVE LOAD: 0 PSF</div> <div>CEILING DEAD LOAD: 10 PSF</div> <div>WIND LOAD: 90 MPH</div> <div>EXPOSURE: C</div> <div>lw: 1.0</div>	<div></div> <div>AN EMPLOYEE-OWNED COMPANY</div> <div>ENERGY PANEL STRUCTURES</div> <div>102 EAST INDUSTRIAL PARK</div> <div>GRAETTINGER, IA 51342</div> <div>PHONE: 712/859-3219</div> <div>FAX: 712/859-3275</div> <div>WWW.EPSBUILDINGS.COM</div>	<table><tr><th>SHEET</th><th>DRAWING INDEX</th></tr><tr><td>S1</td><td>COVER PAGE</td></tr><tr><td>S2</td><td>PLANVIEW</td></tr><tr><td>S3</td><td>CROSS SECTION</td></tr><tr><td>S4</td><td>CROSS SECTION</td></tr><tr><td>S5</td><td>PANEL ELEVATIONS</td></tr><tr><td>S6</td><td>PANEL ELEVATIONS</td></tr><tr><td>S7</td><td>TRUSS/BRACING LAYOUT</td></tr><tr><td>C1</td><td>CONSTRUCTION DETAILS</td></tr><tr><td colspan="2"></td></tr><tr><td>B1</td><td>TRUSS INSTALLATION</td></tr><tr><td>B3</td><td>TRUSS INSTALLATION</td></tr><tr><td>B10</td><td>TRUSS INSTALLATION</td></tr></table>	SHEET	DRAWING INDEX	S1	COVER PAGE	S2	PLANVIEW	S3	CROSS SECTION	S4	CROSS SECTION	S5	PANEL ELEVATIONS	S6	PANEL ELEVATIONS	S7	TRUSS/BRACING LAYOUT	C1	CONSTRUCTION DETAILS			B1	TRUSS INSTALLATION	B3	TRUSS INSTALLATION	B10	TRUSS INSTALLATION
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<div>1. SITEWORK: THE SITE SHALL BE GRADED TO PROVIDE DRAINAGE AWAY FROM THE BUILDING.</div> <div>2. BACK FILL: BACK FILL SHALL CONSIST OF GRAVEL, PEAROCK OR CRUSHED STONE 2 FOOT BACK FROM PANEL/FOUNDATION WALL. GRANULAR BACKFILL TO START AT OR BELOW BOTTOM OF FOOTING &amp; EXTEND VERTICALLY TO WITHIN 8" OF GRADE. COVER GRANULAR MATERIAL W/ ASPHALT OR POLYETHYLENE STRIPS PRIOR TO ADDING 8" OF TOP SOIL. SLOPE AWAY FROM WALL ½" PER FOOT MIN. 6' FROM WALL.</div> <div>3. CONCRETE WORK: THE CONCRETE WORK SHALL CONSIST OF ALL NECESSARY POUR-IN-PLACE CONCRETE FOOTINGS (OR FOUNDATION) AS PER BUILDING PLANS DESIGNED BY OTHERS THE CONCRETE SHALL MEET A MINIMUM COMPRESSIVE STRENGTH OF 3,500 PSI AT 28 DAYS. ALL CONCRETE SHALL BE DESIGNED IN ACCORDANCE WITH THE AMERICAN CONCRETE INSTITUTE BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI 318-05) AND COMMENTARY (ACI 318R-05).</div> <div>4. WOOD FRAMING: ALL WOOD CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE PROVISIONS OF THE 2005 EDITION OF THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION. UNLESS NOTED OTHERWISE ALL FRAMING LUMBER SHALL BE S4S #2 GRADE.</div> <div>5. TRUSSES: WOOD TRUSSES ARE SHOP/PLANT FABRICATED WITH CONNECTOR PLATES PER SPECIFICATIONS. DESIGN CRITERIA ESTABLISHED BY THE TRUSS PLATE INSTITUTE – (ANSI/TPI 1-2002). REFER TO THE BCSI(BUILDING COMPONENT SAFETY INFORMATION) MANUAL FOR WOOD TRUSS TEMPORARY BRACING REQUIREMENTS.</div> <div>6. METAL CONNECTORS: ALL METAL CONNECTORS ARE OF GALVANIZED STEEL AND DESIGN APPROVED TO MEET OR EXCEED REQUIRED STANDARDS.</div> <div>9. SHORING AND BRACING: CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY SHORING AND BRACING.</div>	<div>* THIS SET OF PLANS ARE INTENDED TO BE USED BY CONTRACTORS WITH BUILDING CONSTRUCTION KNOWLEDGE.</div> <div>* ENERGY PANEL STRUCTURES CAN NOT BE HELD RESPONSIBLE FOR MISUSE OR MISINTERPRETATION OF INFORMATION INCLUDED IN THESE DRAWINGS, OR THE USE OF THIS SET OF PLANS BY PEOPLE WITHOUT BUILDING CONSTRUCTION KNOWLEDGE.</div> <div>* EPS PANEL WALL CONSTRUCTION BUILDINGS ARE DESIGNED FOR MINIMAL AIR INFILTRATION. IT IS RECOMMENDED THAT GENERAL CONTRACTOR/OWNER WORKS IN CONJUNCTION WITH A HVAC PROFESSIONAL TO DESIGN A SYSTEM TO INSURE AIR QUALITY AND MOISTURE CONTROL. AIR TO AIR EXCHANGERS ARE RECOMMENDED IN SUCH TYPE STRUCTURES.</div> <div>* RESPONSIBILITY OF THIS SET OF PLANS IS LIMITED TO THE BUILDING DESIGN SHOWN ON THE PLANS. BUILDING DESIGN IS BASED ON NUMBER, SIZE AND LOCATION OF OPENINGS SHOWN ON THE PLANS. NO RESPONSIBILITY IS ASSUMED FOR ADDITIONAL OPENINGS NOT SHOWN ON THE PLANS OR CHANGES IN THE LOCATION OF OPENINGS.</div> <div>* ALL DOOR AND WINDOW OPENINGS SHOWN ON THIS SET OF PLANS ARE THE ACTUAL SIZE OF THE OPENING PROVIDED. IT IS THE GENERAL CONTRACTOR/OWNER'S RESPONSIBILITY TO VERIFY ALL LOCATIONS AND SIZES OF OPENINGS PRIOR TO CONSTRUCTION.</div> <div>* EPS WALL PANELS ARE NOT DESIGNED FOR LATERAL LOADS IMPOSED BY CONCRETE FOUNDATION WALLS. CONCRETE WALLS TO E DESIGNED TO ABSORB ALL LOADS IMPOSED BY EPS STRUCTURE 100% OF MATERIAL/BACKFILL/ETC (IF ANY) STORED AGAINST THEM. CONCRETE WALL TO IMPOSE NO HORIZONTAL LOAD TO EPS STRUCTURE.</div> <div>* THIS BUILDING IS DESIGNED USING THE ROOF AS A DIAPHRAGM(DEEP THIN BEAM) TO TRANSFER SIDEWALL AND ROOF WIND LOADS TO THE ENDWALL SHEAR WALLS SHOWN. STEEL PANELS ARE AN INTEGRAL PART OF THE BUILDING STRUCTURE AND ANY FUTURE FIELD MODIFICATIONS MADE MAY BE DETRIMENTAL TO THE BUILDING'S STRUCTURAL PERFORMANCE.</div> <div>* THIS IS A STRUCTURAL FRAMING PLAN AND IS TO BE USED FOR THAT PURPOSE ONLY, CODES REGARDING FIRE SAFTEY, PERSONAL SAFTEY &amp; INJURY ARE NOT ADDRESSED IN THIS SET OF PLANS AND ARE THE RESPONSIBILITY OF THE CONTRACTOR/OWNER.</div> <div>* THE ATTIC OF THIS STRUCTURE MUST BE PROPERLY VENTILATED. CONSULT ON HVAC ENGINEER FOR PROPER SIZING OF EAWE INLETS, RIDGE OPENINGS, END WALL LOUVERS, OR MECHANICAL SYSTEMS. FAILURE TO PROPERLY VENTILATE THE ATTIC MAY CAUSE PARTITION SEPARATE AT ROOF/CEILING, CONDENSATION ON ROOF MATERIALS, LARGER AIR CONDITIONING LOAD, MOLD OR MILDOW, CORROSION OF TRUSS PLATES, PREMATURE DEGRADATION OF STRUCTURAL BUILDING COMPONENTS.</div> <div>* THE CEILING SYSTEM PROVIDED HAS NOT BEEN DESIGNED FOR HUMAN TRAFFIC. <u>CONTRACTORS</u> – IT IS YOUR RESPONSIBILITY TO WARN OTHER TRADERS.</div> <div>* TO MINIMIZE THE POSSIBILITY OF FASTENER POPPING AND CRACKING IN AREAS ADJACENT TO A WALL AND CEILING INTERSECTION, A FLOATING GYPSUM CORNER ANGLE METHOD OF APPLICATION SHOULD BE USED. PLEASE REFER TO THE GYPSUM ASSOCIATION'S SPECIFICATIONS FOR THE APPLICATION AND FINISHING OF GYPSUM PANEL PRODUCTS.</div> <div>* THERE MAY BE SOME "BOWING" OF EXTERIOR STRUCTURAL INSULATED PANELS DUE TO A TEMPERATURE AND MOISTURE DIFFERENTIAL BETWEEN INTERIOR AND EXTERIOR OSB SKINS. WHEN THE EXTERIOR SKIN EXPERIENCES COLD TEMPERATURE, ITS MOISTURE CONTENT RISES, WHICH CAUSES THE EXTERIOR SKIN TO EXPAND. THIS MAY CAUSE THE PANEL TO BOW OUT. TO MINIMIZE THE EFFECT, YOU MAY WANT TO CONSIDER: A.) HIDE THE "BOW" BY USING FLOATING CORNERS ON THE INTERIOR GYPSUM BOARD. B.) MECHANICALLY FASTENING ONE STRUCTURAL INSULATED PANEL TO THE CROSS WALLS. THE CROSS WALL WILL HAVE TO BE DESIGNED TO RESIST FORCES OF THE BOW, AS WILL THE MECHANICAL FASTENERS.</div> <div>* THE INTERIOR OF THIS STRUCTURE IS SEPARATED FROM THE FOAM PLASTIC INSULATION WITH A MINIMUM 5/8" THICK MATERIAL, TESTED PER ASTM METHOD E119-98 FIRE TESTS OF BUILDING CONSTRUCTION AND MATERIALS FOR A MINIMUM 15 MINUTE THERMAL BARRIER REQUIRED</div>	<div>GENERAL INFORMATION</div> <div>DEALER:</div> <div>R.H. GRABAU CONSTRUCTION</div> <div>P.O BOX 99</div> <div>BOONE, IA 50036</div> <div>PHONE: (515) 432-9635</div> <div>FAX: (515) 432-9639</div> <div>OWNER:</div> <div>BSV RAILROAD MUSEUM</div> <div>225 10th ST</div> <div>BOONE, IA 50036</div> <div>BUILDING TYPE:</div> <div>SOLID CORE</div> <div>BUILDING USAGE:</div> <div>COMMERCIAL</div> <div>BUILDING DIMENSIONS:</div> <div>183'-0"x74'-0"x13'-0"</div> <div>AREA:</div> <div>8,525 SQ. FT.</div> <div>DRAWN:</div> <div>TTK</div> <div>REVIEWED BY:</div> <div>RGW</div> <div>DATE:</div> <div>7/12/2011</div> <div>REV:</div> <div>JOB #:</div> <div>2011/WS/75813</div>																										

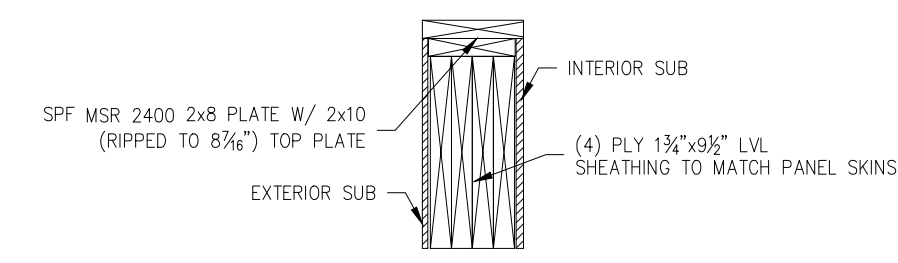
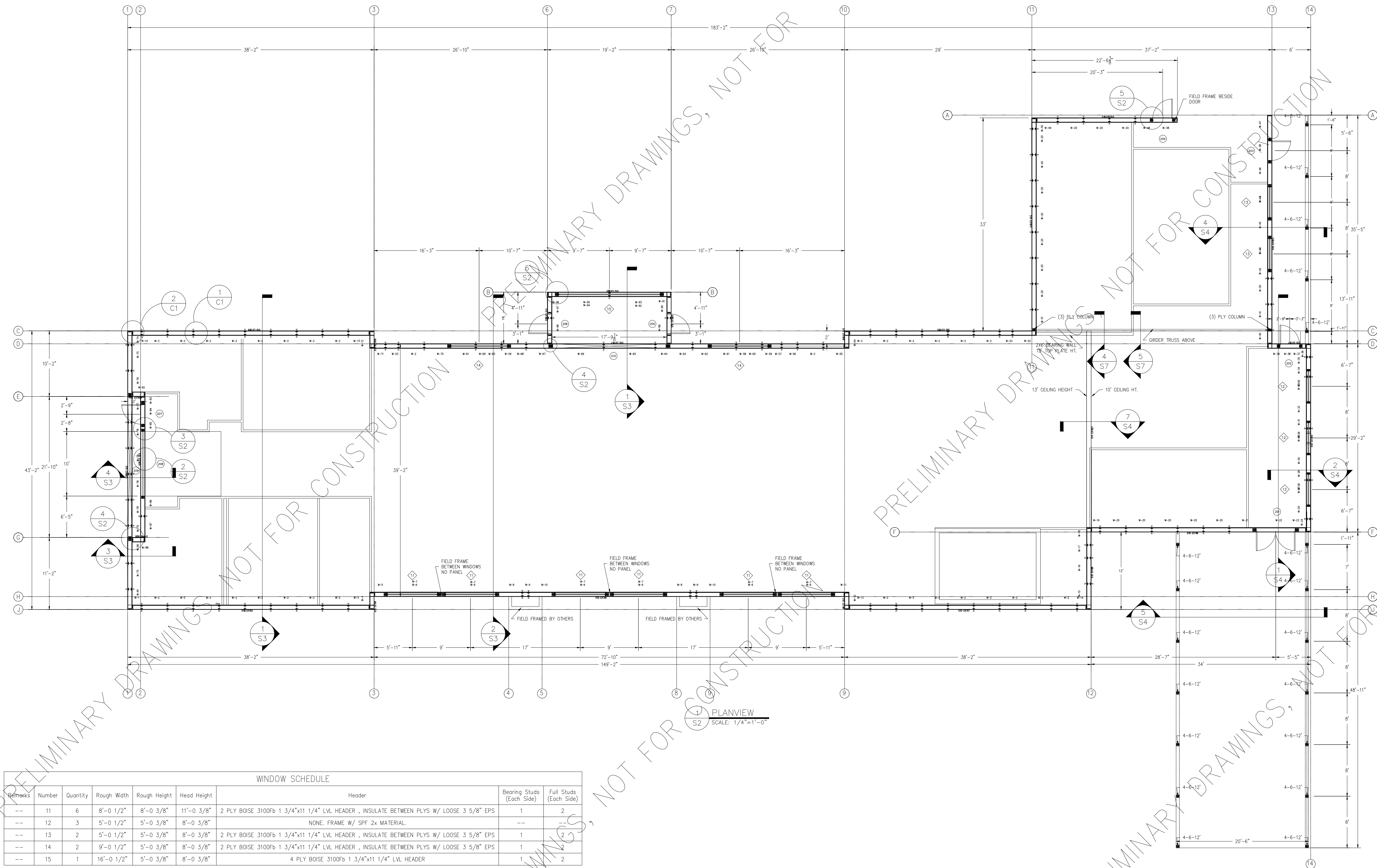
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By Eric at 1:25 pm, Jul 20, 2011

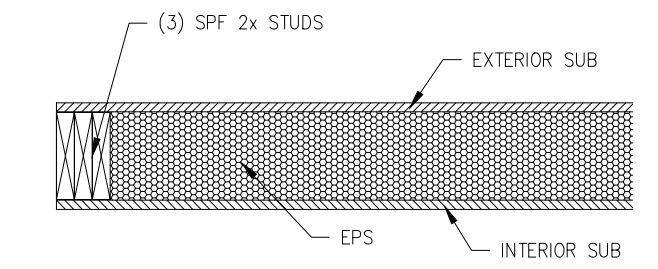
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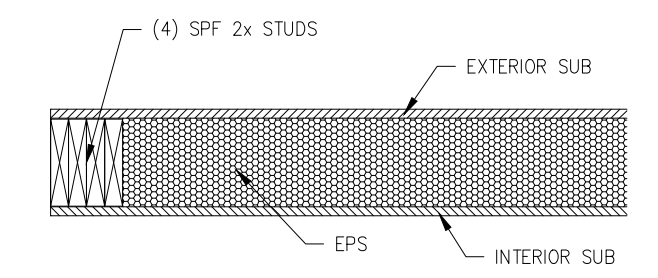
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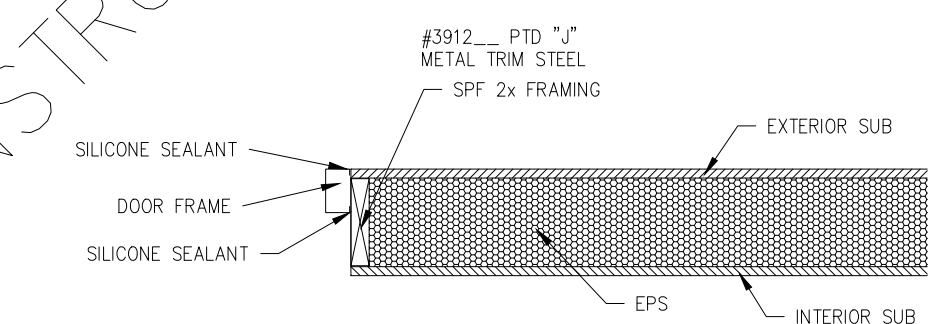
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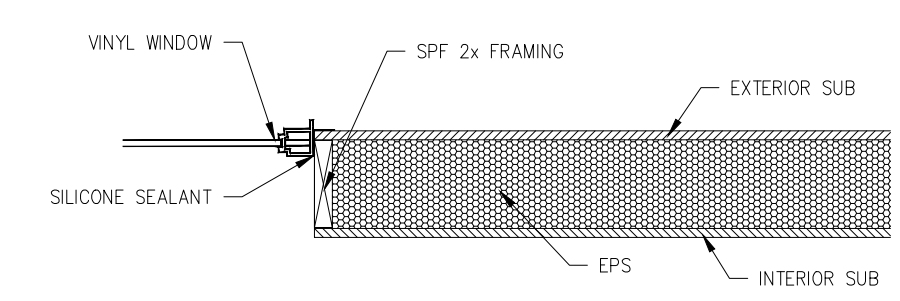
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4 OPENING SIDE JAMB  
S2 SCALE: 3/4\"/>



5 WALK DOOR JAMB  
S2 SCALE: 3/4\"/>




6 WINDOW JAMB  
S2 SCALE: 3/4\"/>

PLANVIEW  
S2 SCALE: 1/4\"/>

WINDOW SCHEDULE							
Remarks	Number	Quantity	Rough Width	Rough Height	Head Height	Header	Full Studs (Each Side)
---	11	6	8'-0 1/2"	8'-0 3/8"	11'-0 3/8"	2 PLY BOISE 3100Fb 1 3/4"x11 1/4" LVL HEADER , INSULATE BETWEEN PLYS W/ LOOSE 3 5/8" EPS	2
---	12	3	5'-0 1/2"	5'-0 3/8"	8'-0 3/8"	NONE. FRAME W/ SPF 2x MATERIAL.	---
---	13	2	5'-0 1/2"	5'-0 3/8"	8'-0 3/8"	2 PLY BOISE 3100Fb 1 3/4"x11 1/4" LVL HEADER , INSULATE BETWEEN PLYS W/ LOOSE 3 5/8" EPS	2
---	14	2	9'-0 1/2"	5'-0 3/8"	8'-0 3/8"	2 PLY BOISE 3100Fb 1 3/4"x11 1/4" LVL HEADER , INSULATE BETWEEN PLYS W/ LOOSE 3 5/8" EPS	2
---	15	1	16'-0 1/2"	5'-0 3/8"	8'-0 3/8"	4 PLY BOISE 3100Fb 1 3/4"x11 1/4" LVL HEADER	2

DOOR OPENING/HEADER SCHEDULE							
Number	Quantity	Rough Width	Rough Height	Head Height	Header	Bearing Studs (Each Side)	Full Studs (Each Side)
201	1	6'-4 1/2"	8'-0 1/4"	8'-0 1/4"	2 PLY BOISE 3100Fb 1 3/4"x11 1/4" LVL HEADER , INSULATE BETWEEN PLYS W/ LOOSE 3 5/8" EPS	1	2
202	1	3'-4 1/2"	8'-0 1/4"	8'-0 1/4"	2 PLY BOISE 3100Fb 1 3/4"x11 1/4" LVL HEADER , INSULATE BETWEEN PLYS W/ LOOSE 3 5/8" EPS	1	1
203	1	3'-4 1/2"	8'-0 1/4"	8'-0 1/4"	NONE. FRAME W/ SPF 2x MATERIAL.	---	---
204	1	3'-4 1/2"	8'-0 1/4"	8'-0 1/4"	2 PLY BOISE 3100Fb 1 3/4"x11 1/4" LVL HEADER , INSULATE BETWEEN PLYS W/ LOOSE 3 5/8" EPS	---	1
205	1	3'-4 1/2"	8'-0 1/4"	8'-0 1/4"	NONE. FRAME W/ SPF 2x MATERIAL.	---	---
206	1	3'-4 1/2"	8'-0 1/4"	8'-0 1/4"	NONE. FRAME W/ SPF 2x MATERIAL.	---	---
207	1	3'-4 1/2"	8'-0 1/4"	8'-0 1/4"	2 PLY BOISE 3100Fb 1 3/4"x11 1/4" LVL HEADER , INSULATE BETWEEN PLYS W/ LOOSE 3 5/8" EPS	1	1
208	1	10'-0"	11'-11 3/4"	11'-11 3/4"	2 PLY BOISE 3100Fb 1 3/4"x11 1/4" LVL HEADER , INSULATE BETWEEN PLYS W/ LOOSE 3 5/8" EPS	1	2
209	1	21'-10"	13'-0"	13'-0"	4 PLY BOISE 3100Fb 1 3/4"x16" LVL HEADER	1	3
210	1	17'-9 1/8"	10'-0"	10'-0"	4 PLY BOISE 3100Fb 1 3/4"x16" LVL HEADER	2	2



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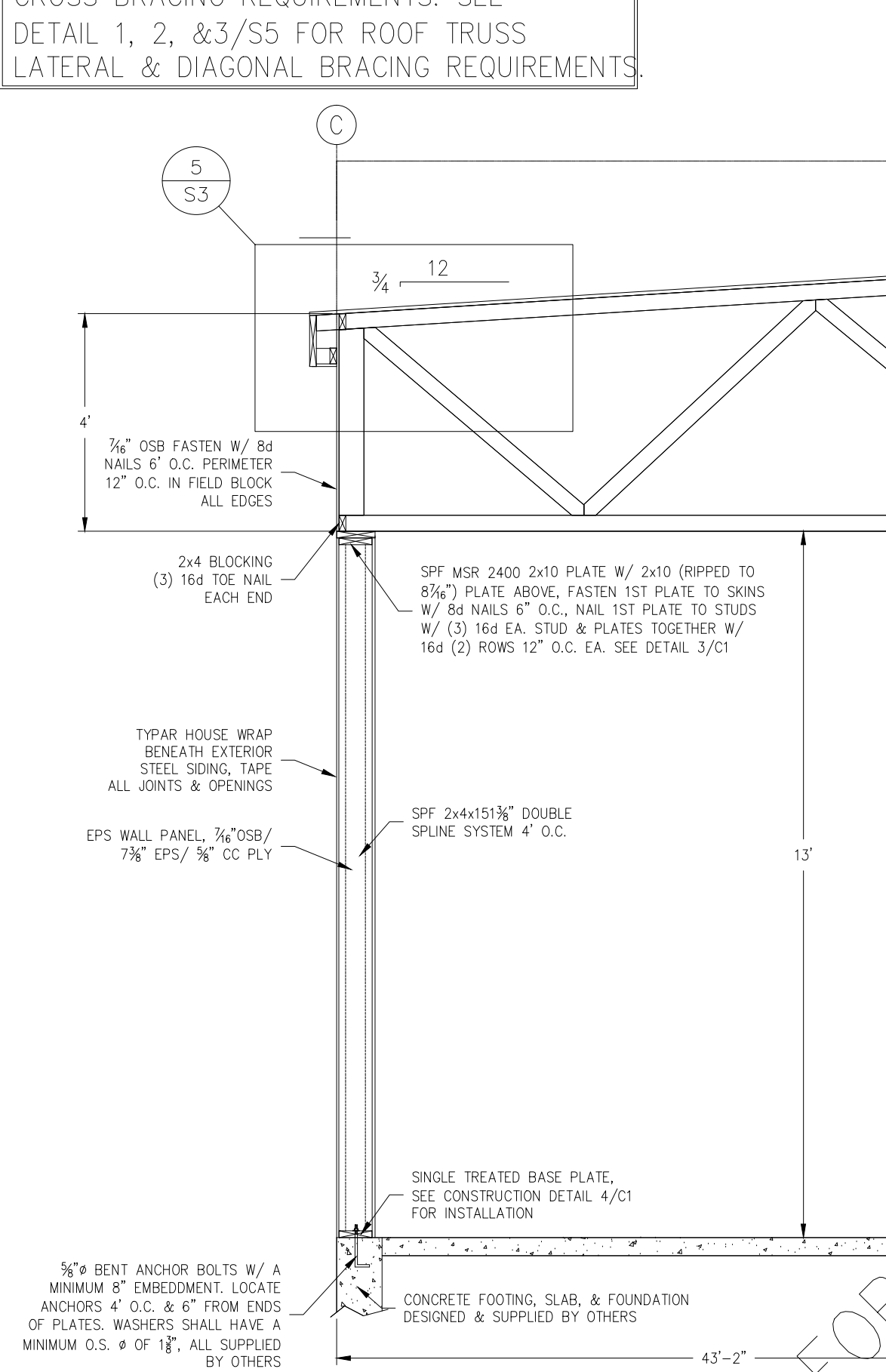
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BJV RAILROAD MUSEUM  
183'-0"x75'-0"x13'-0"  
SOLID CORE BUILDING PACKAGE

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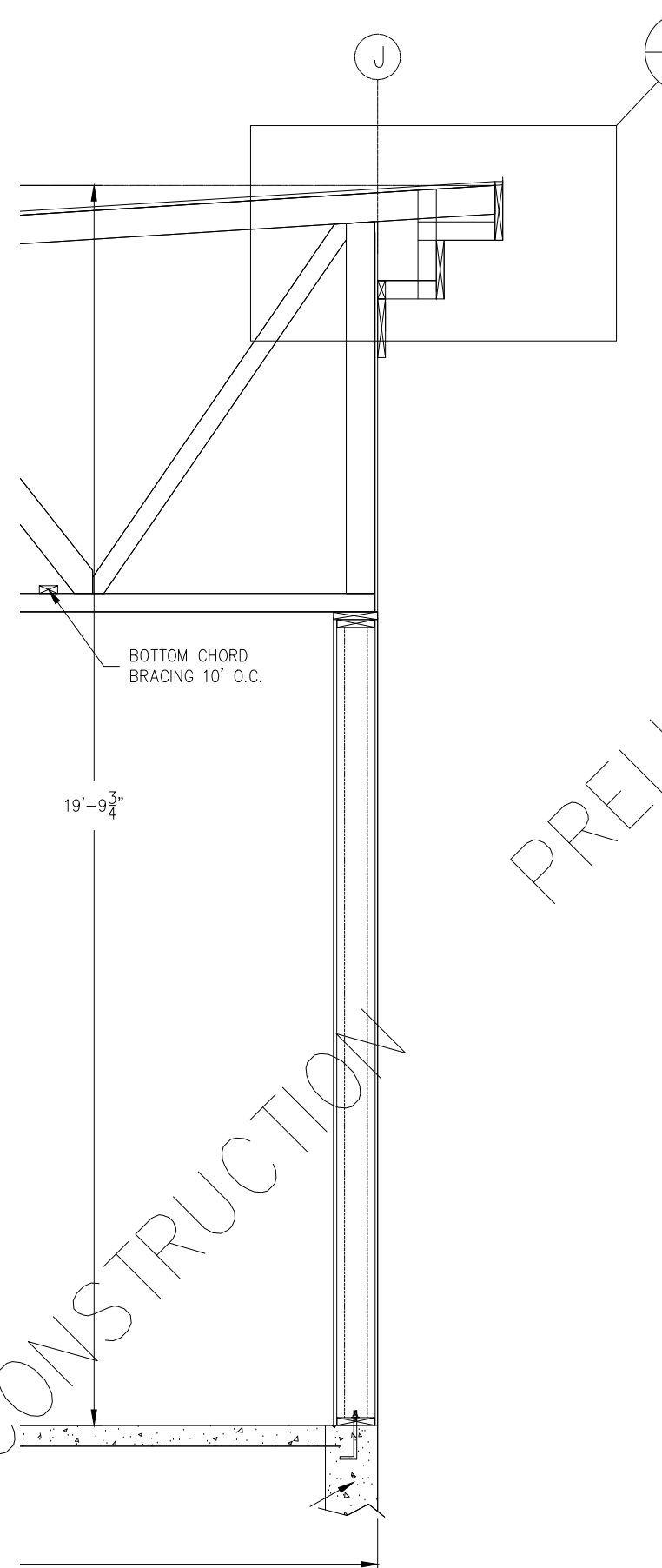


REFER TO THE BCS(BUILDING COMPONENT SAFETY INFORMATION) MANUAL FOR WOOD TRUSS TEMPORARY BRACING REQUIREMENTS

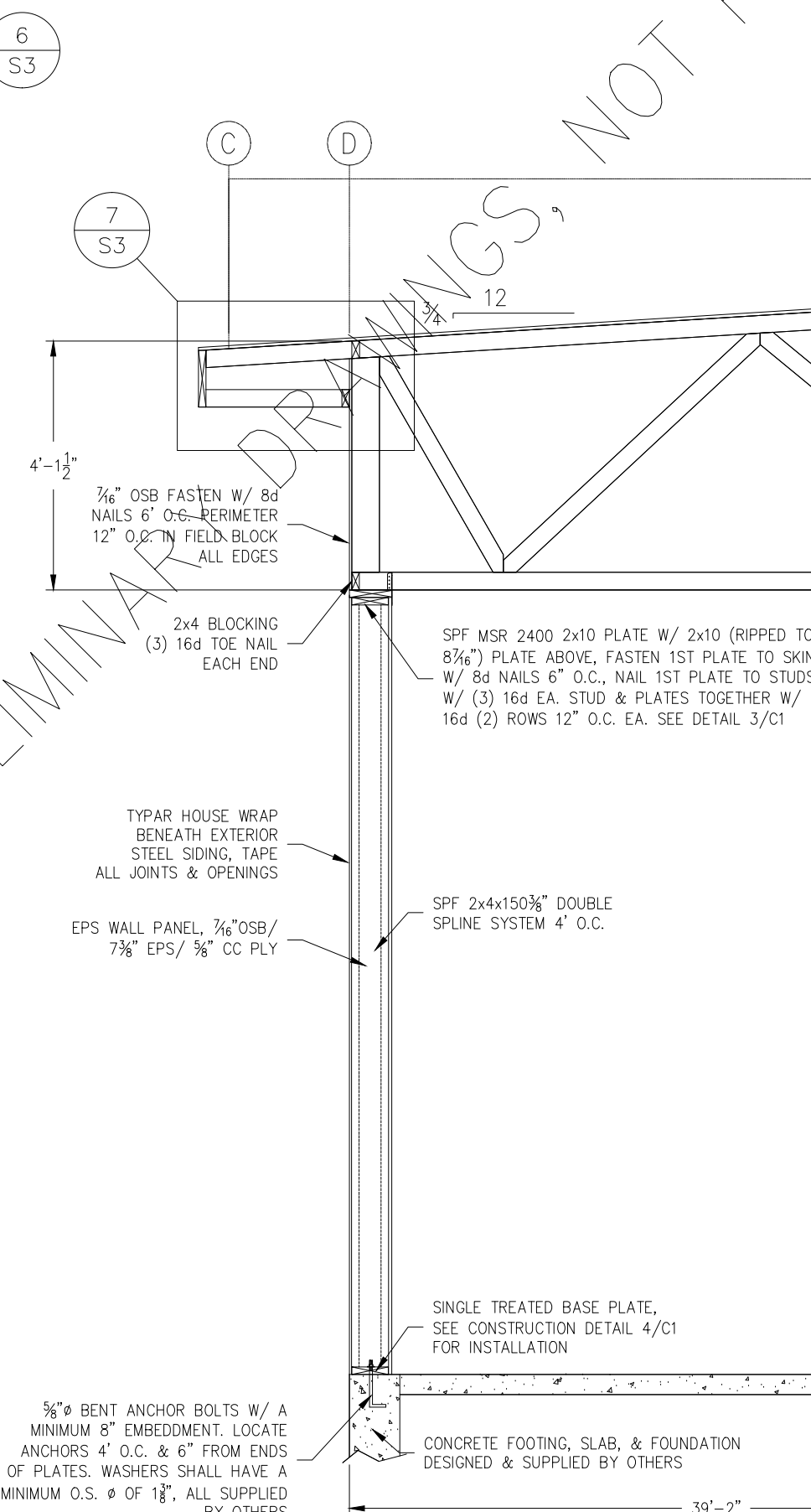
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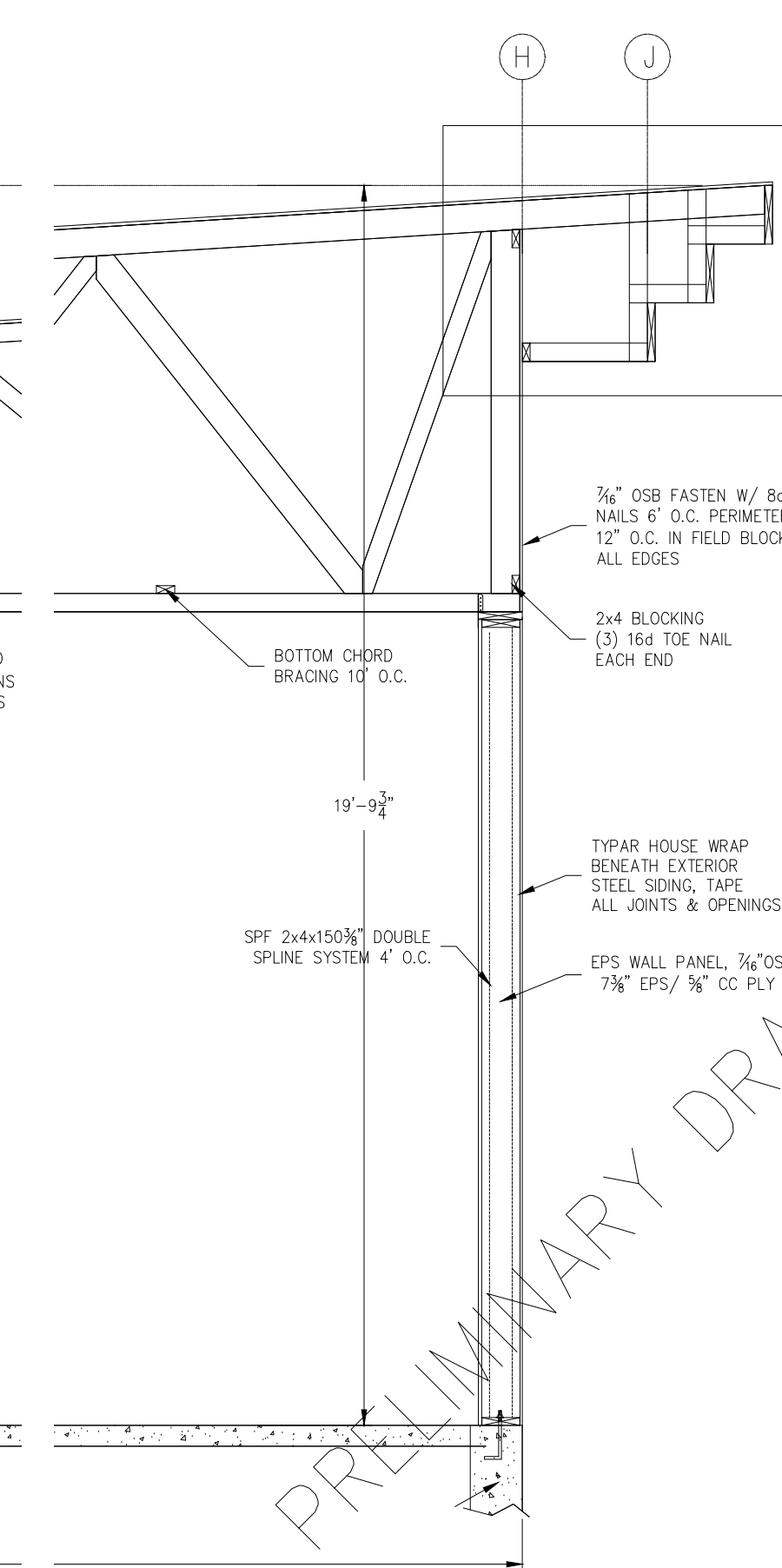
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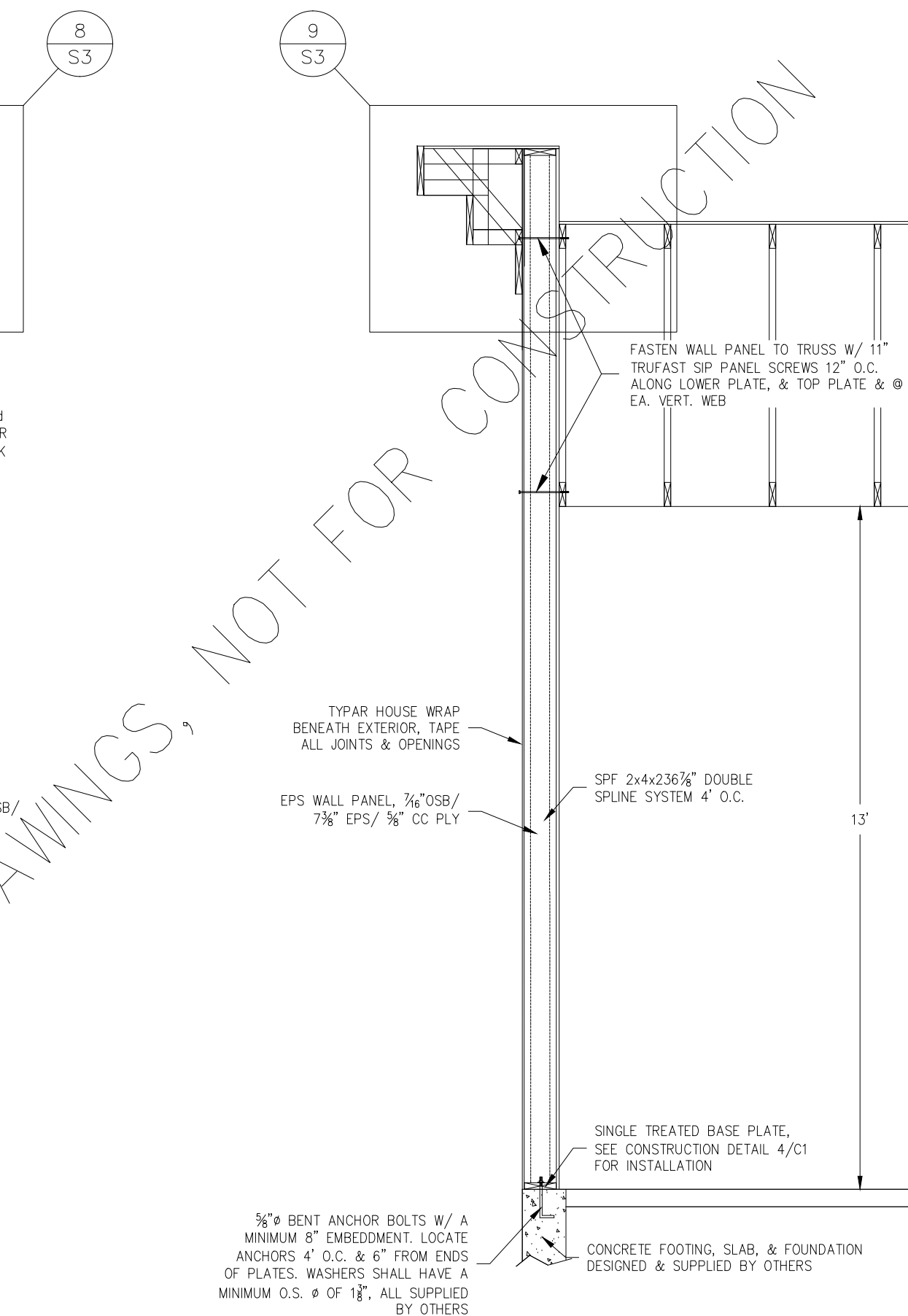
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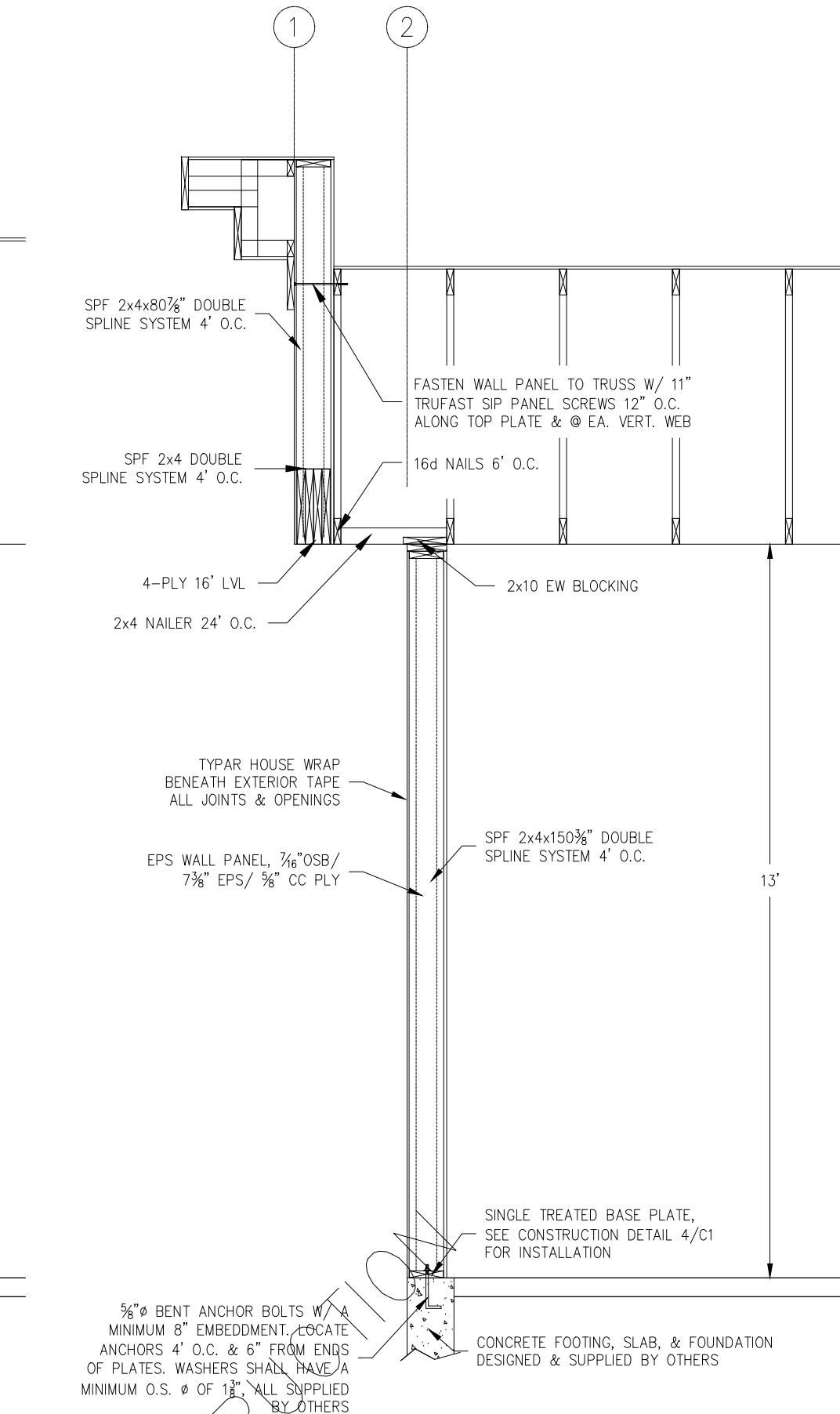
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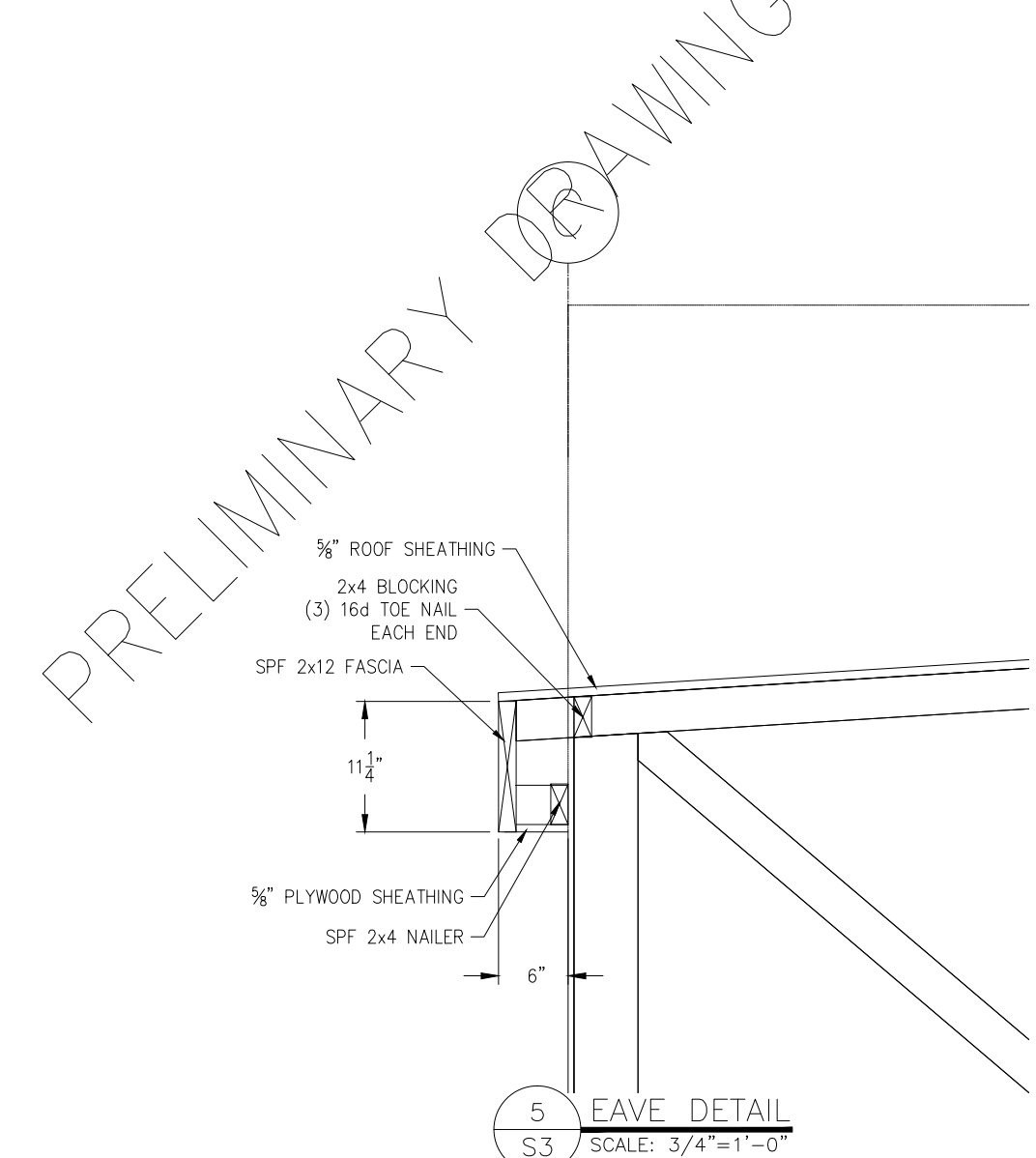
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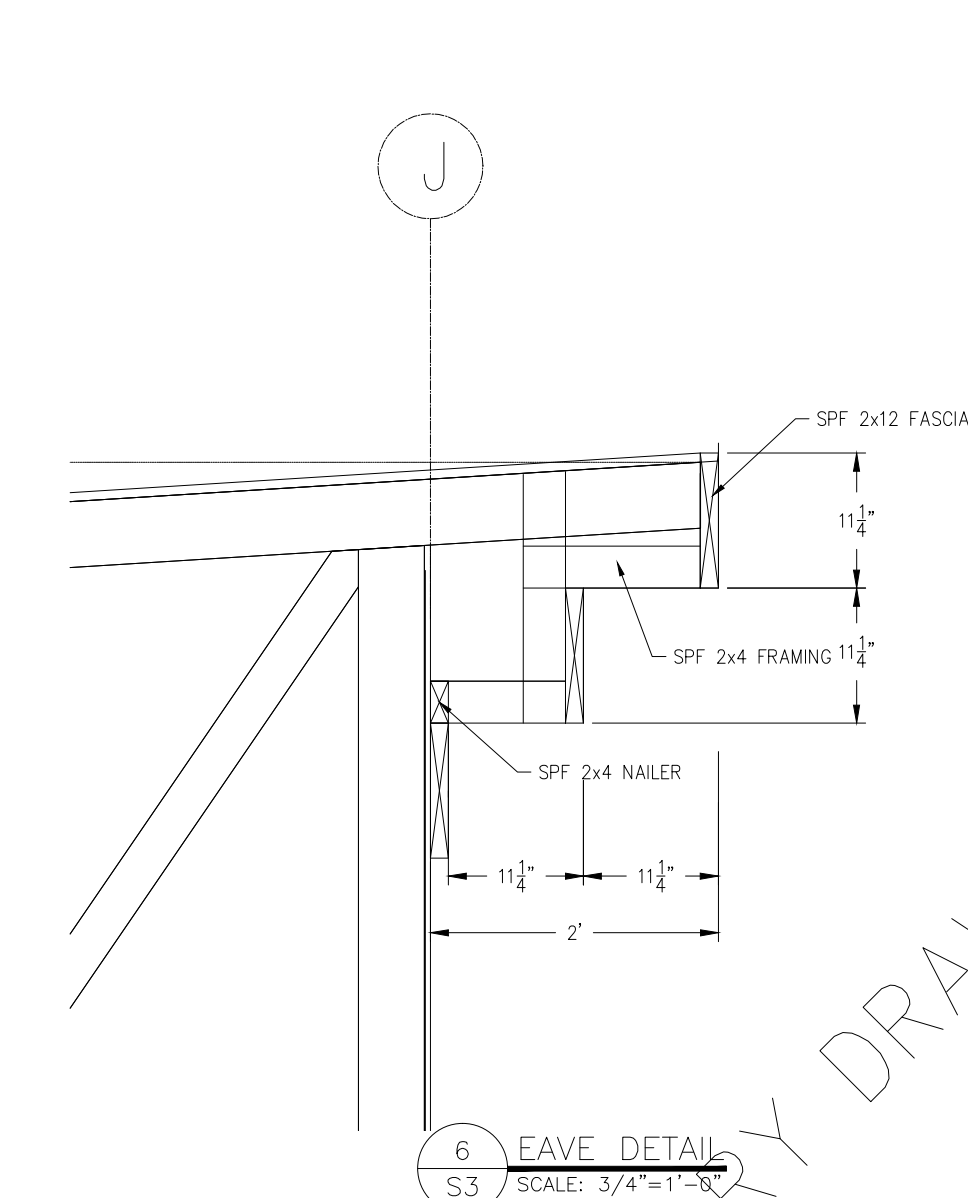
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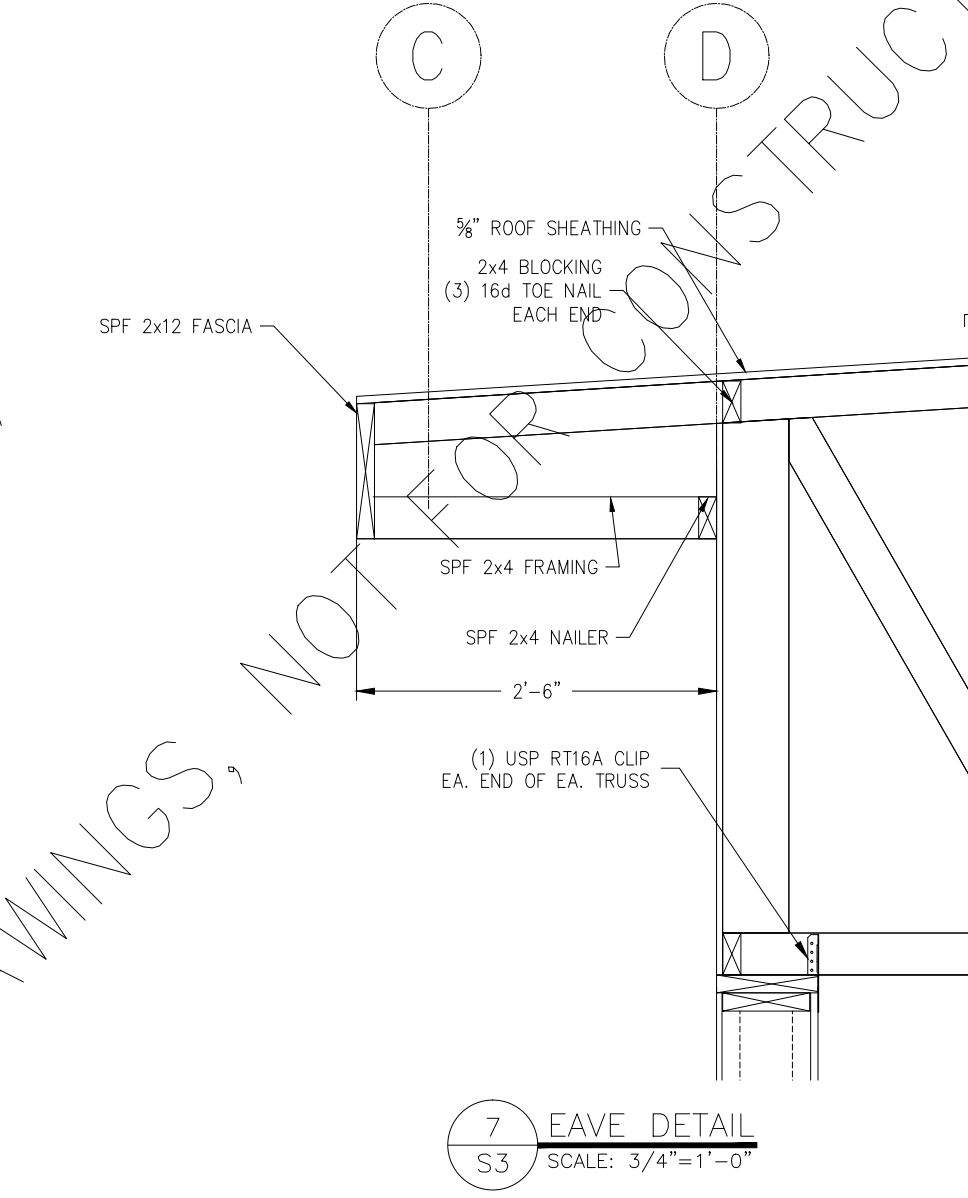
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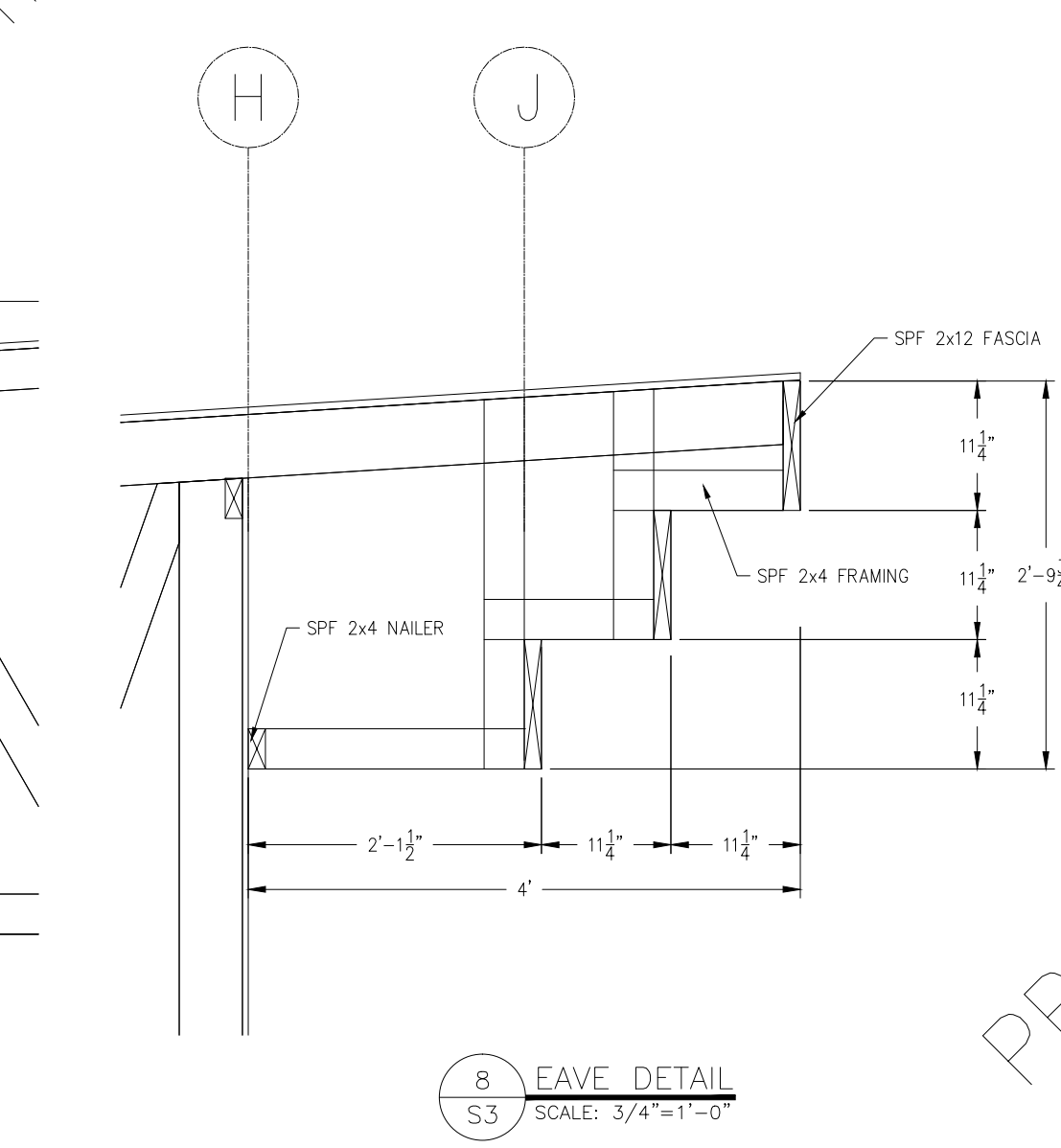
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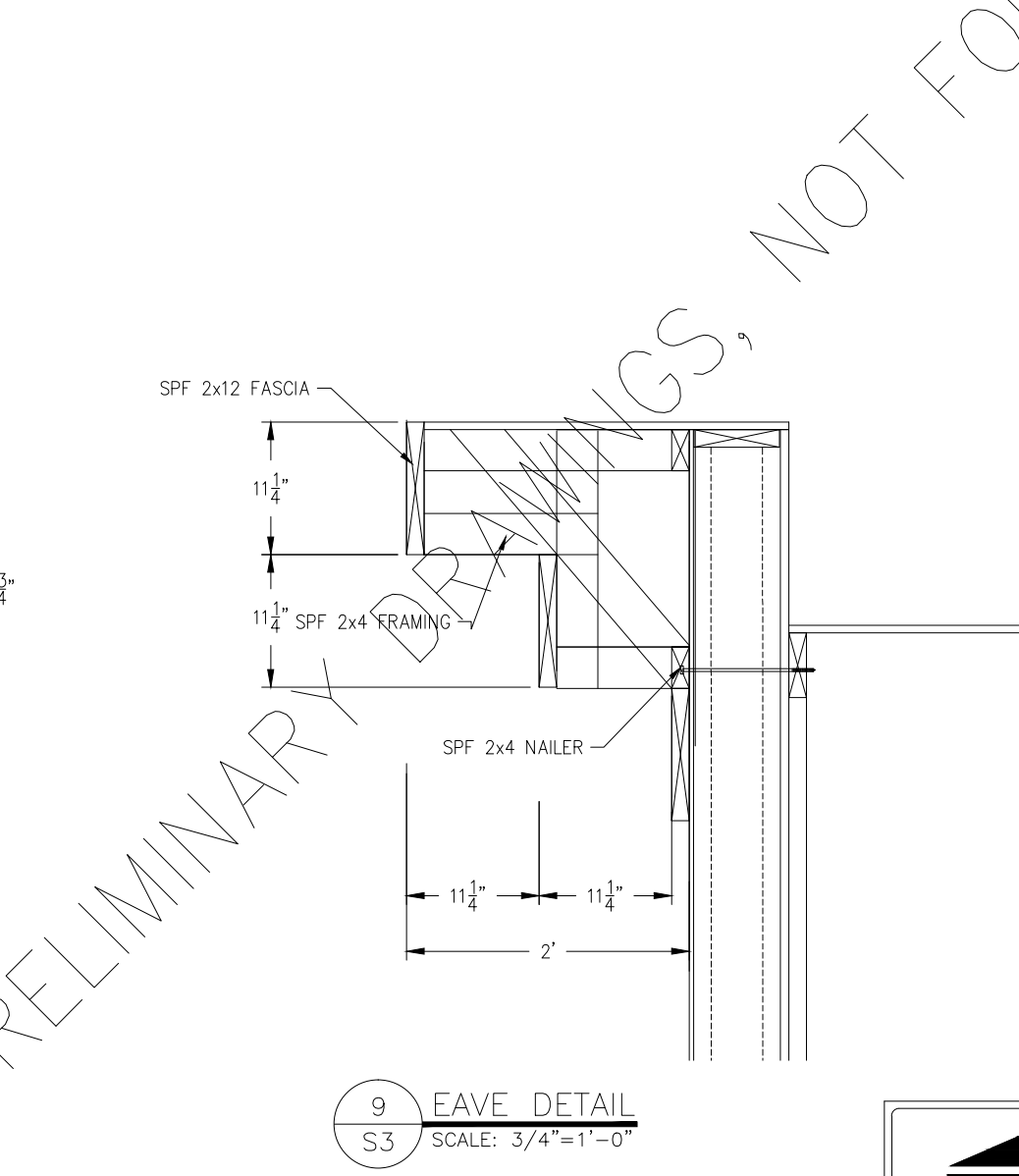
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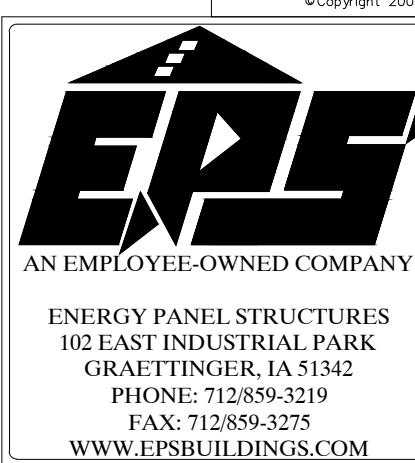
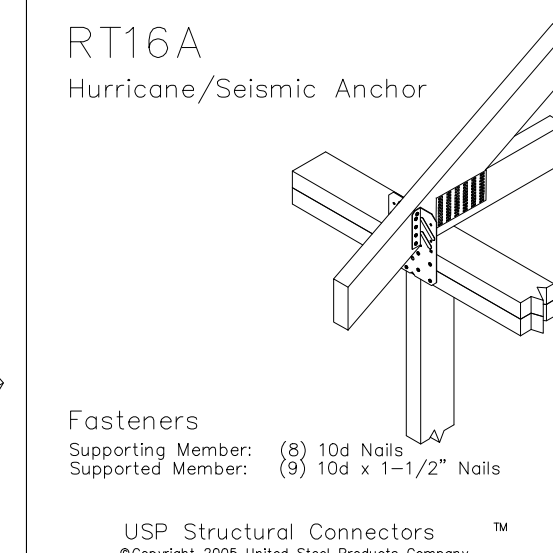
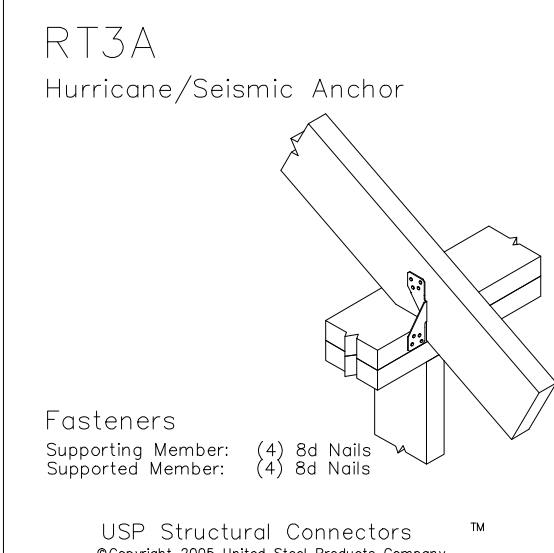
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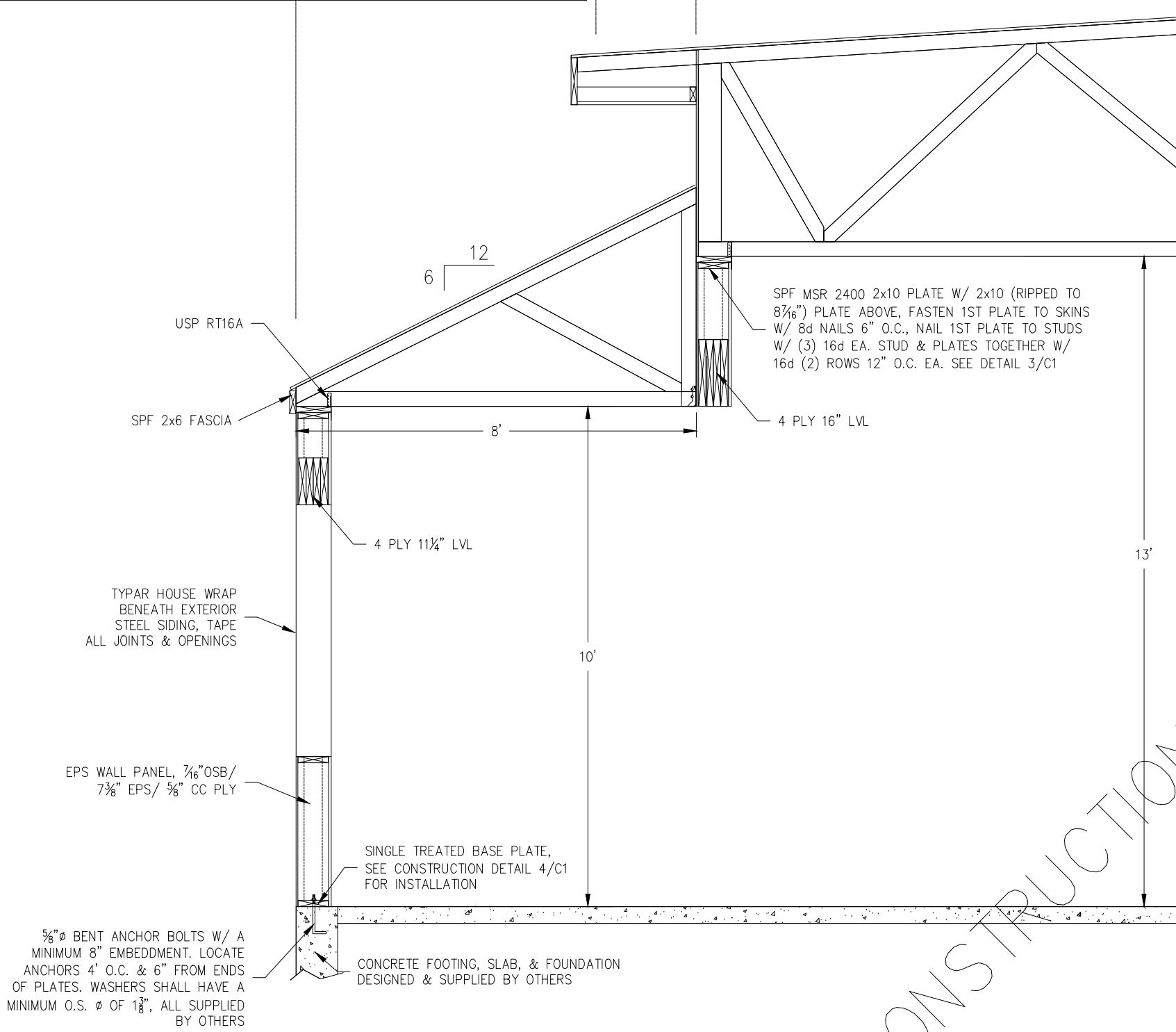
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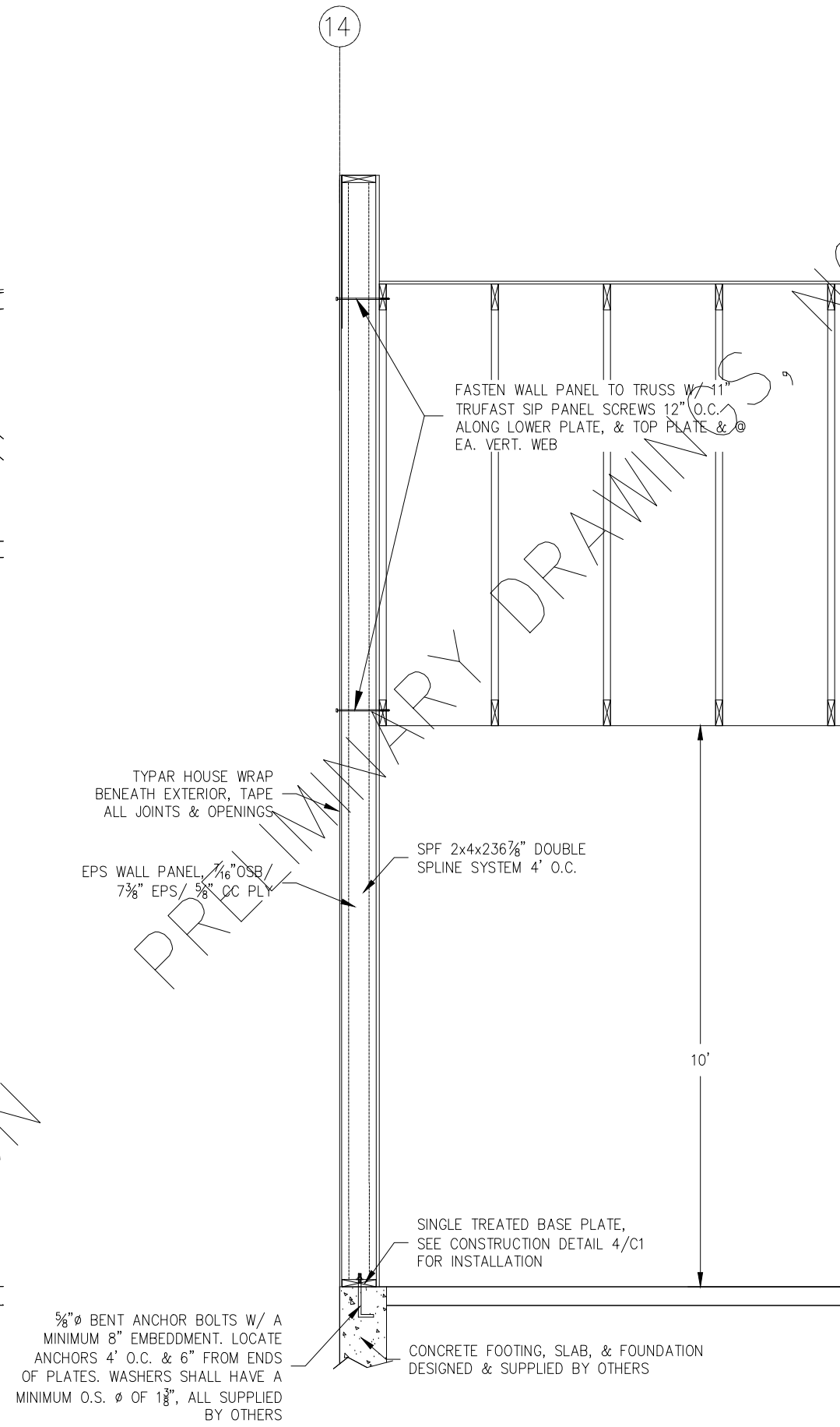
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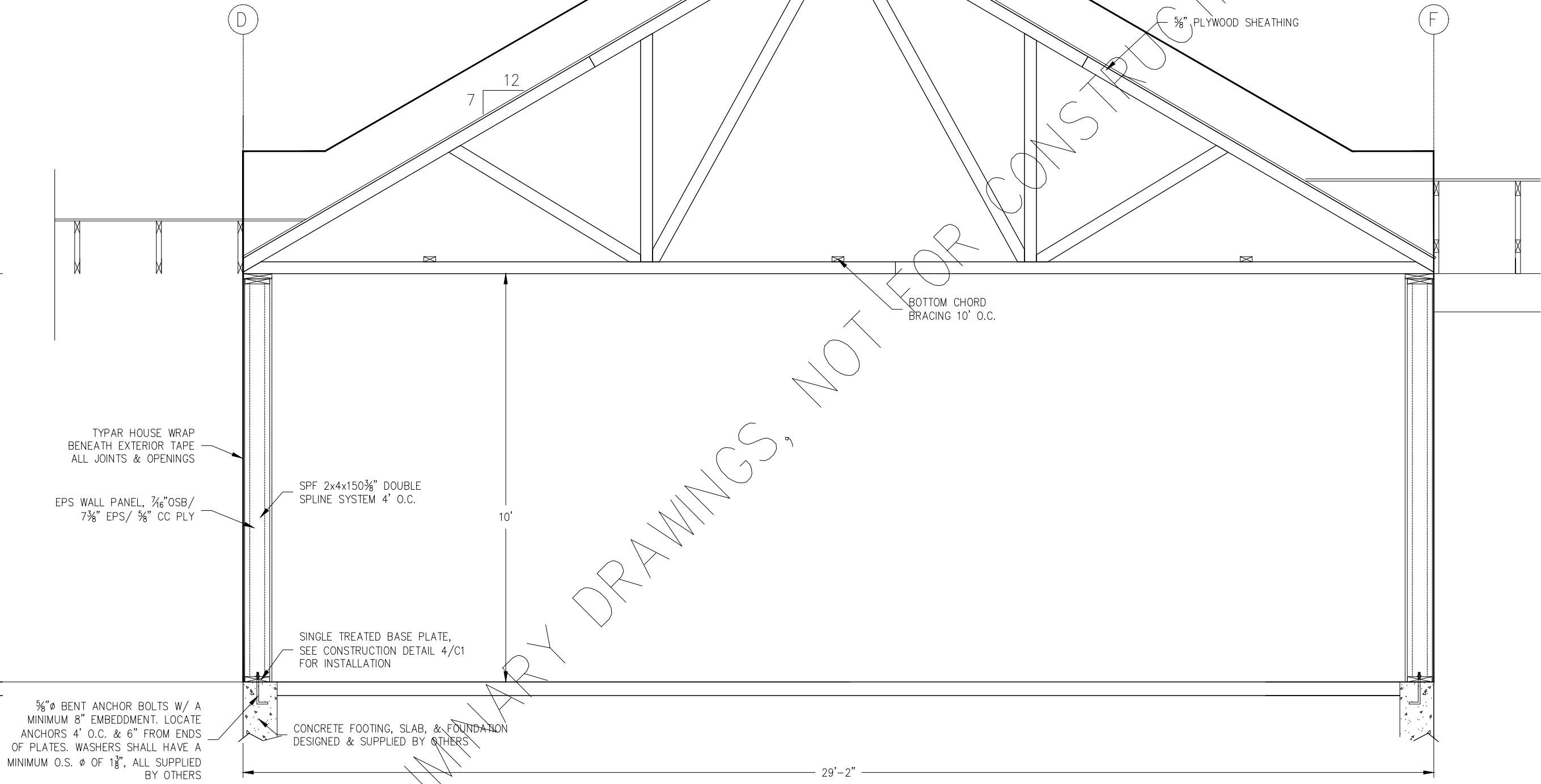
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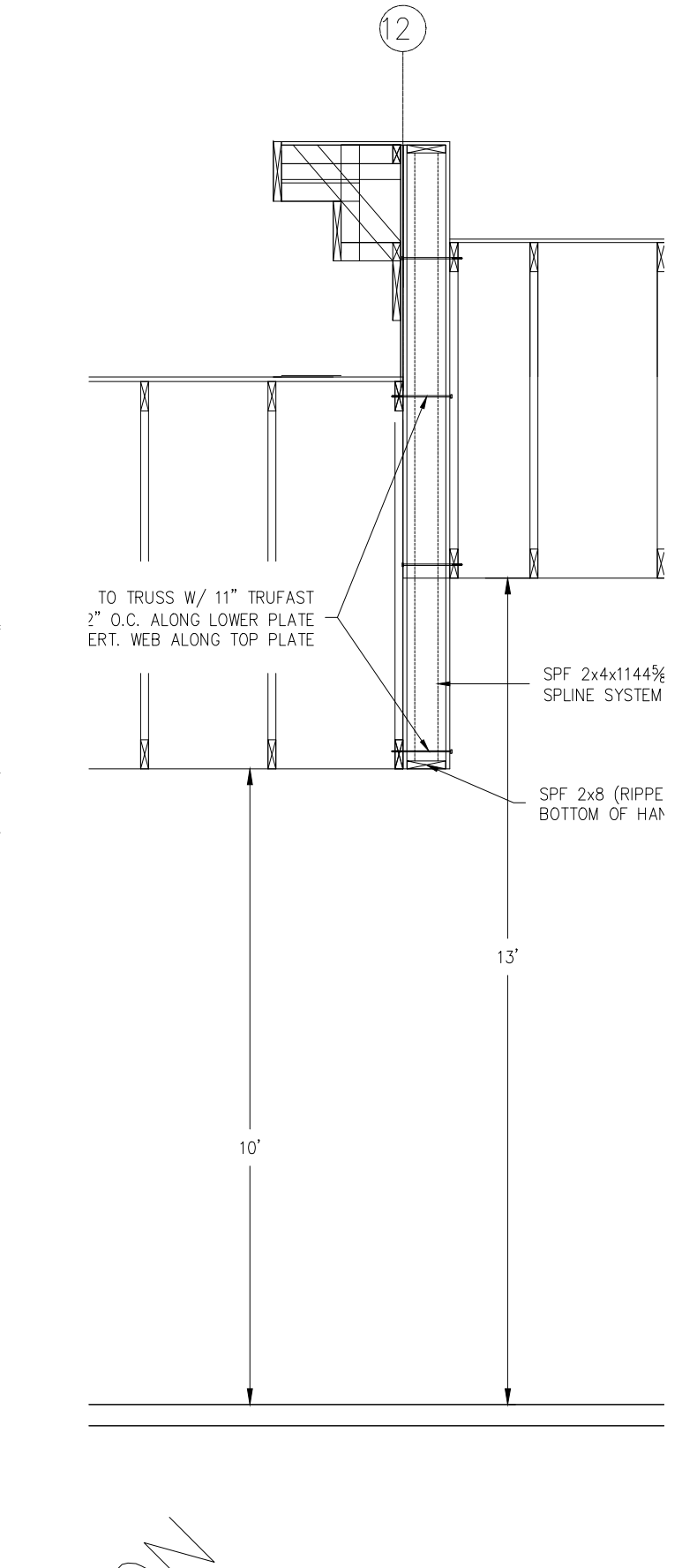
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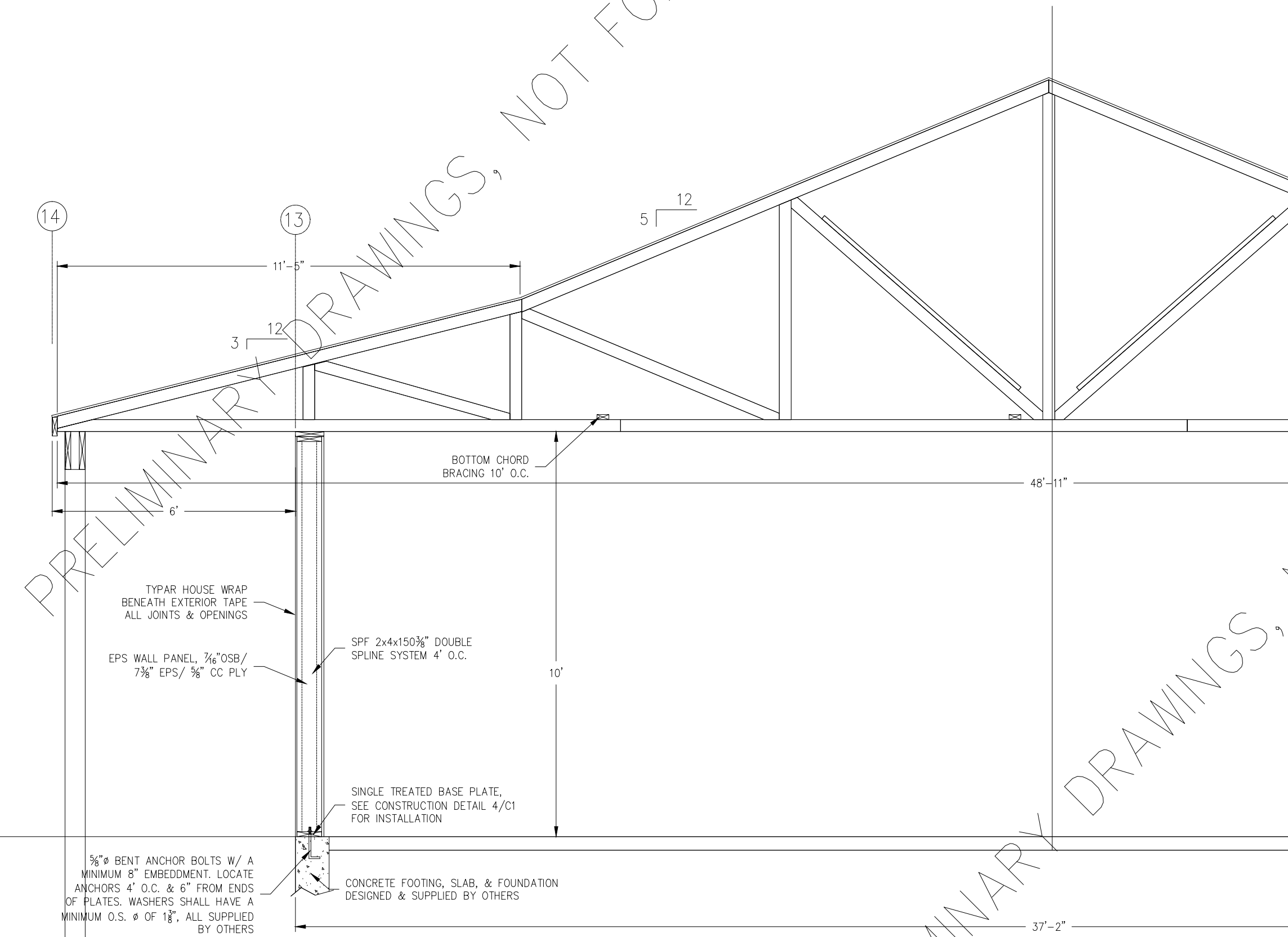
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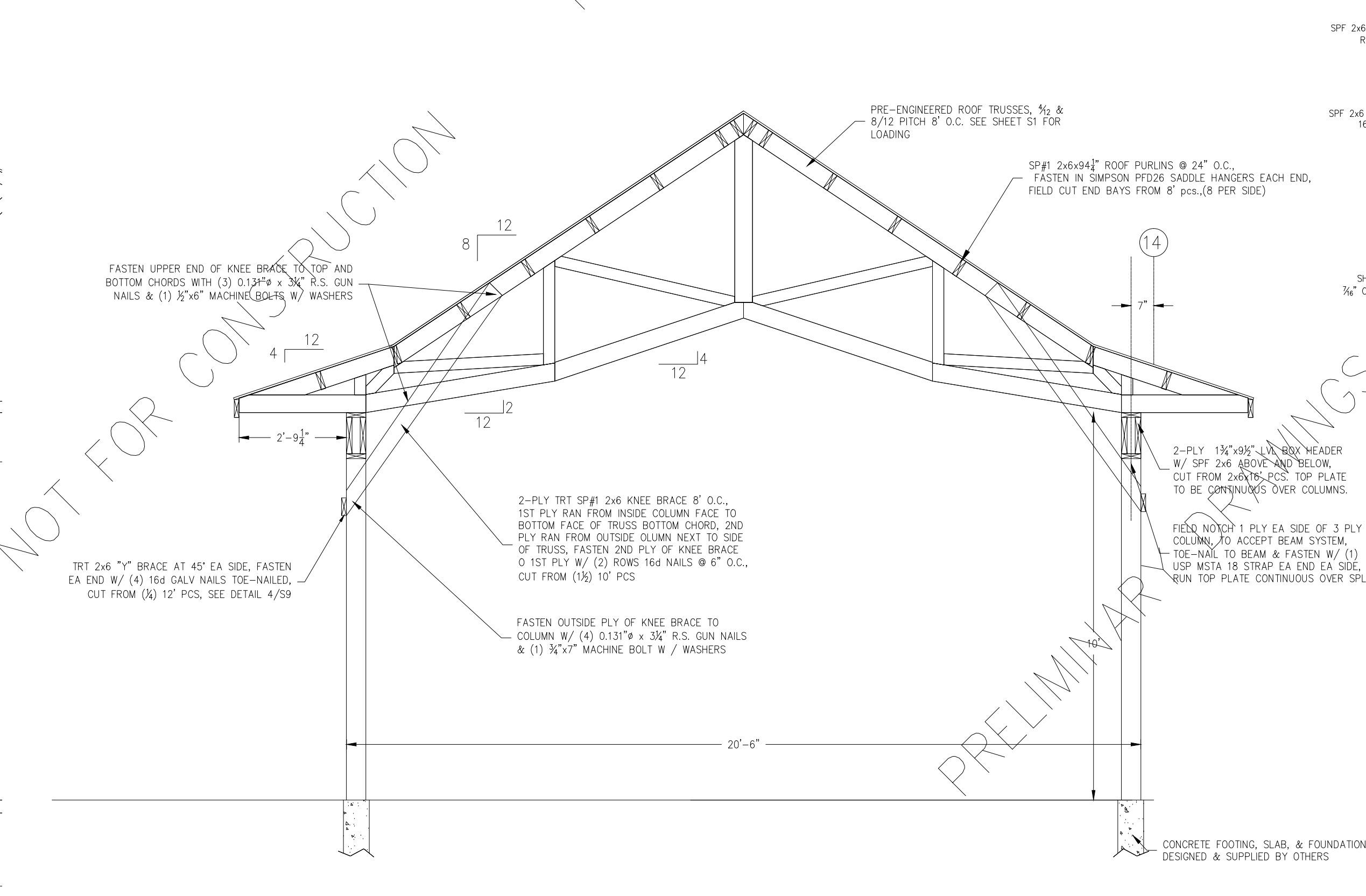
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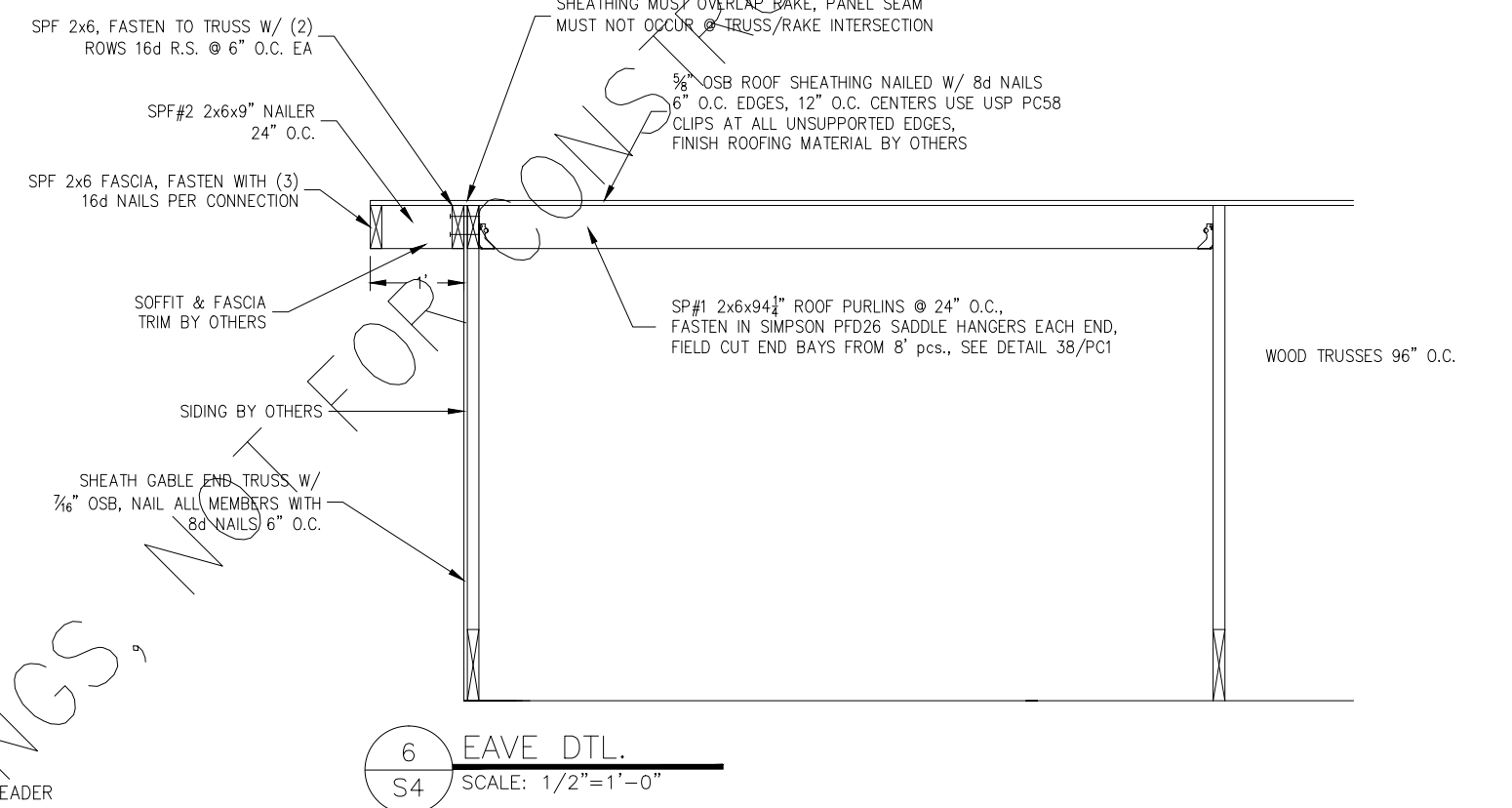
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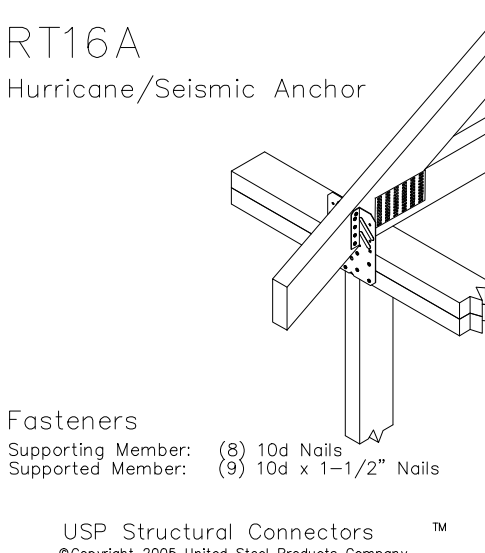
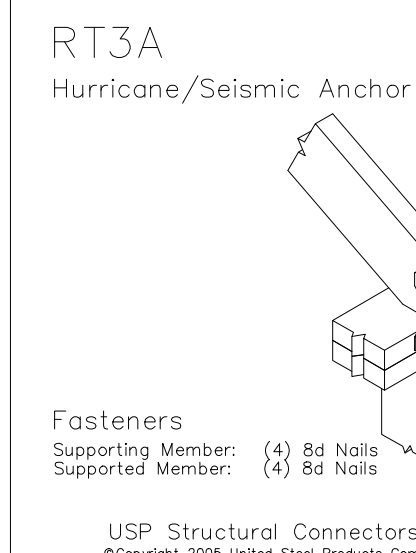
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5 CROSS SECTION  
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6 EAVE DETL.  
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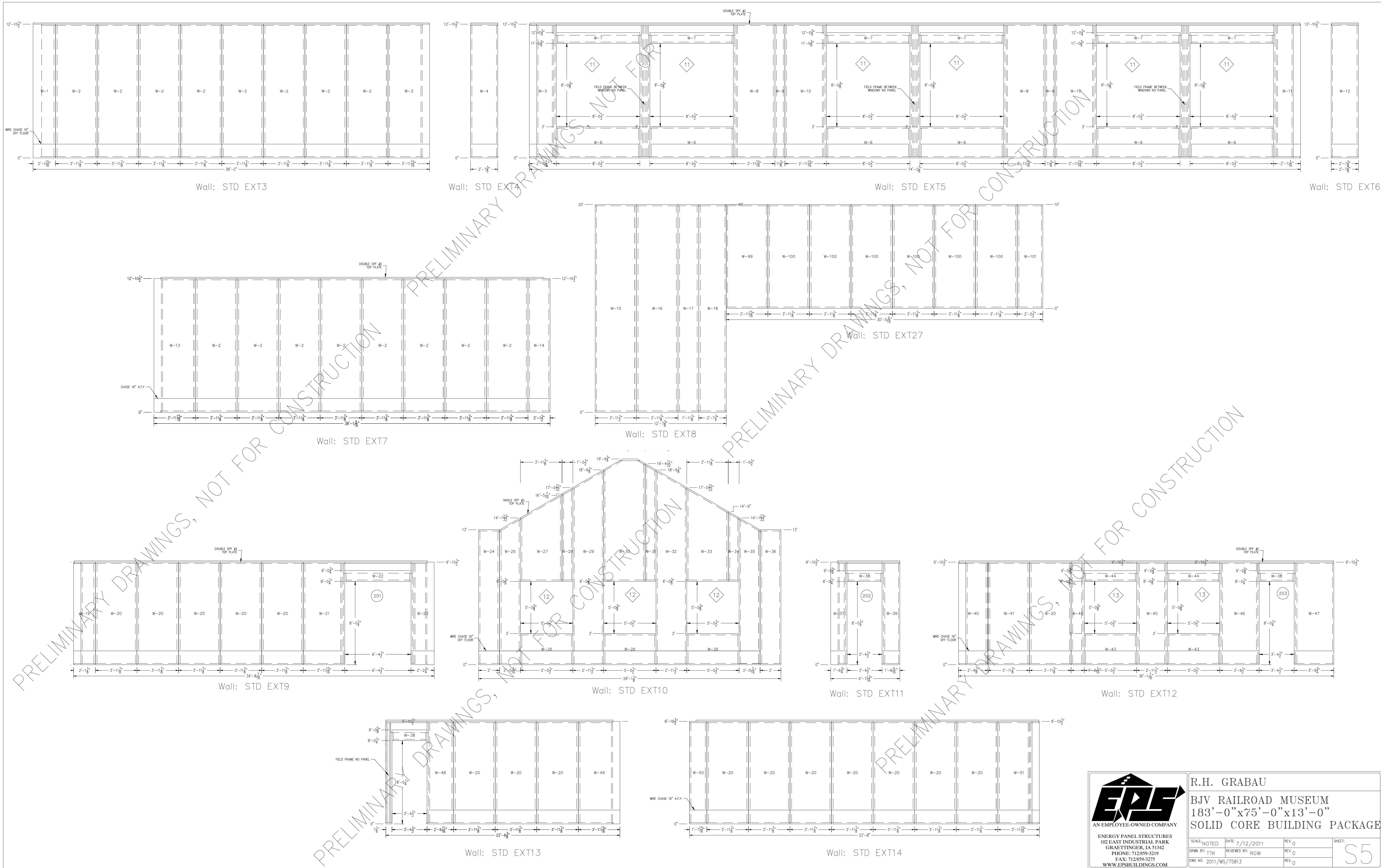


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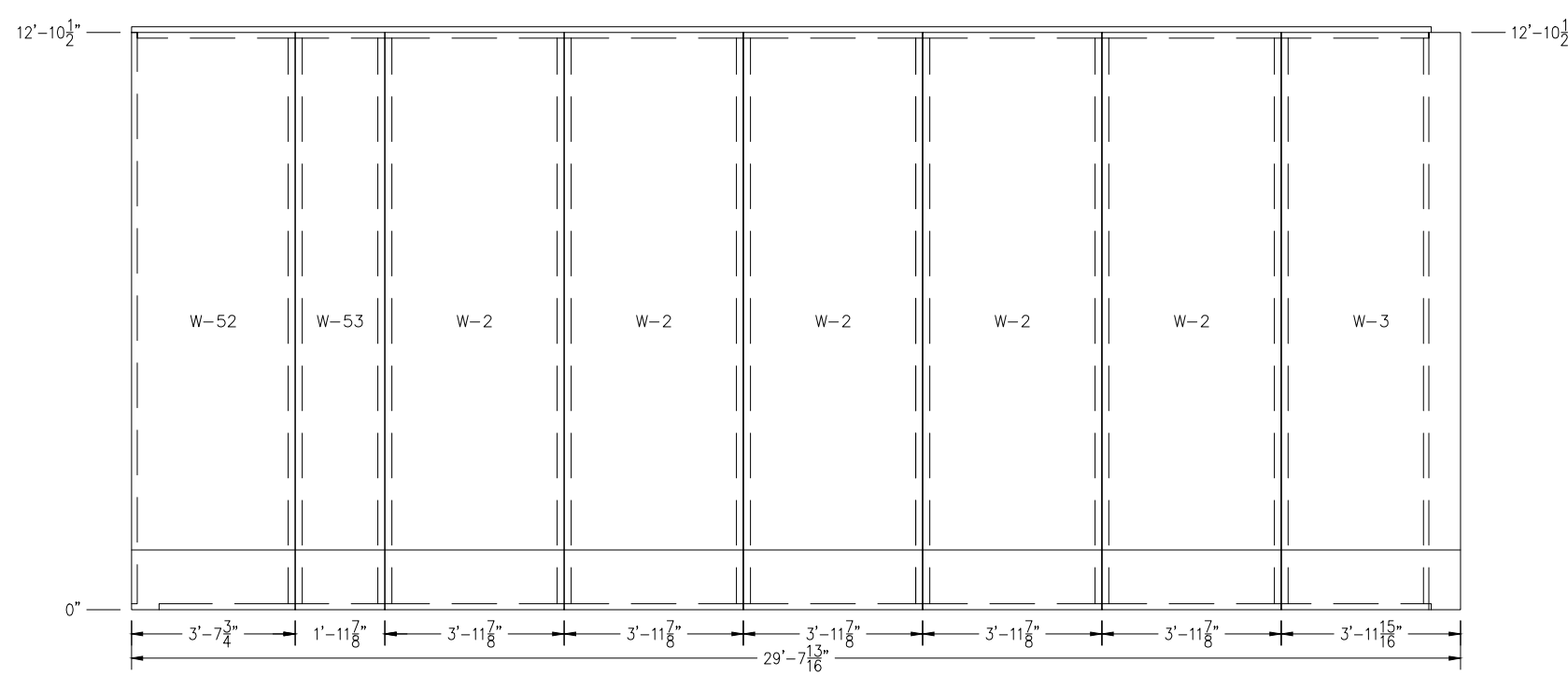
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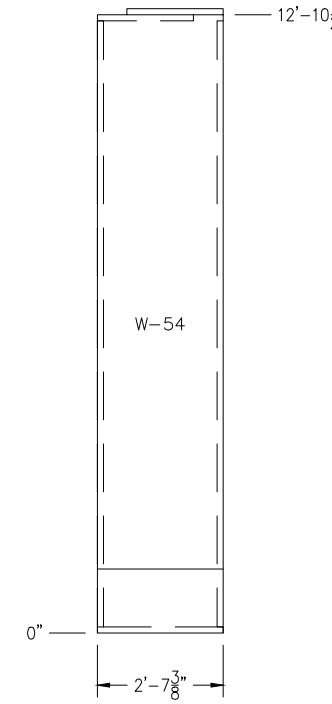
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DWG NO: 2011/WS/75813		REV: 0	



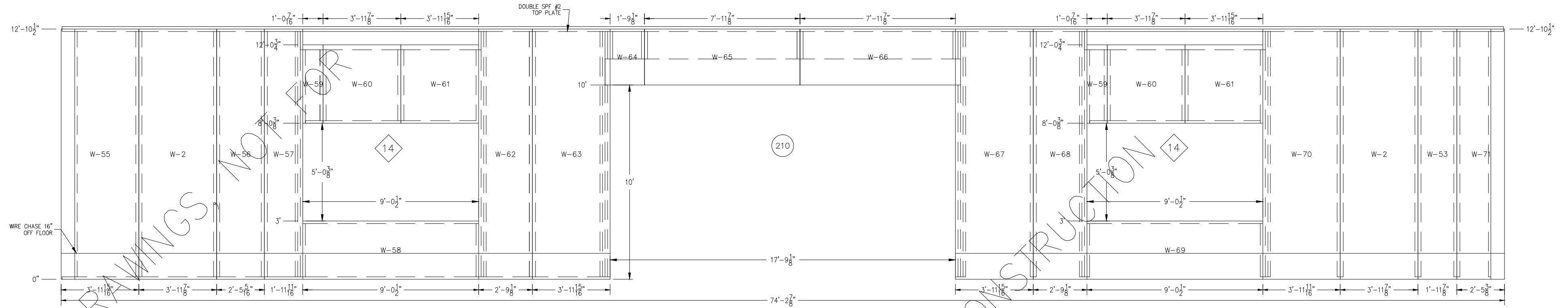
R.H. GRABAU			
BJV RAILROAD MUSEUM			
183'-0"x75'-0"x13'-0"			
SOLID CORE BUILDING PACKAGE			
SCALE: NOTED	DATE: 7/12/2011	REV: 0	SHEET: S5
DRAWN BY: TTK	REVIEWED BY: RGW	REV: 0	
DWG NO: 2011/WS/75813		REV: 0	



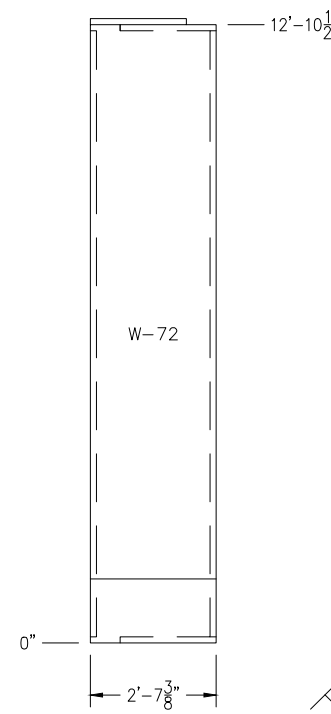
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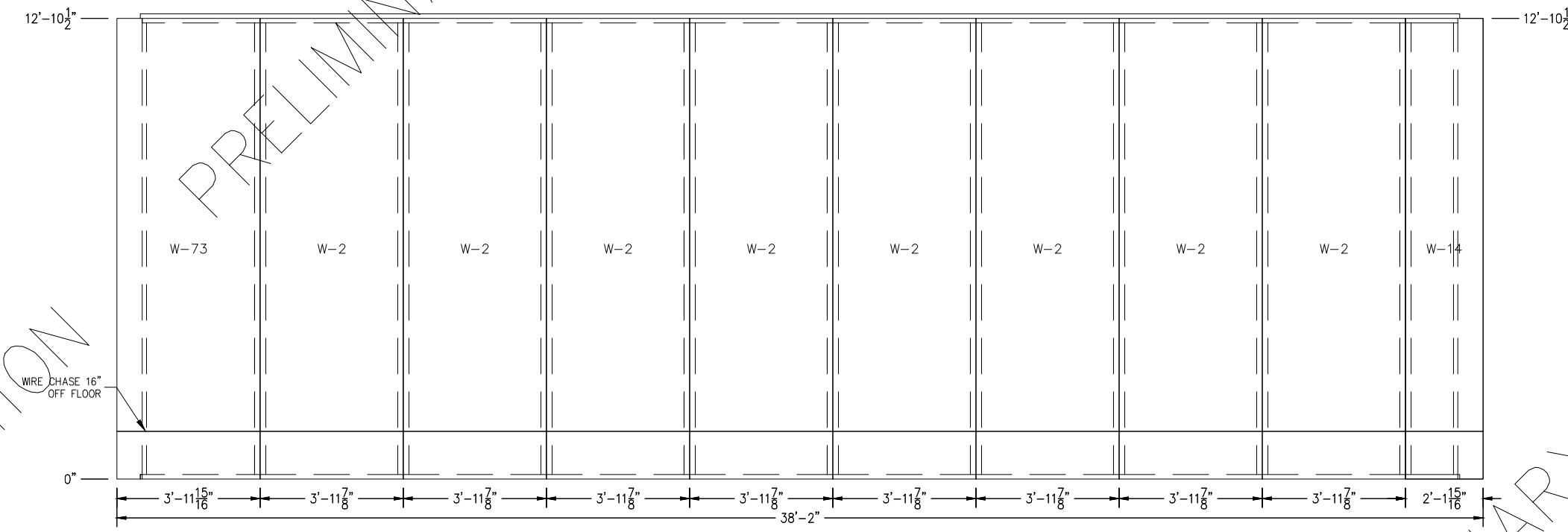
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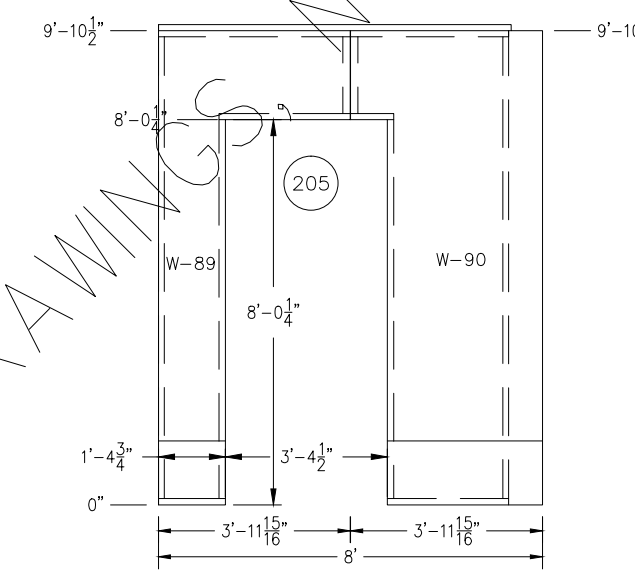
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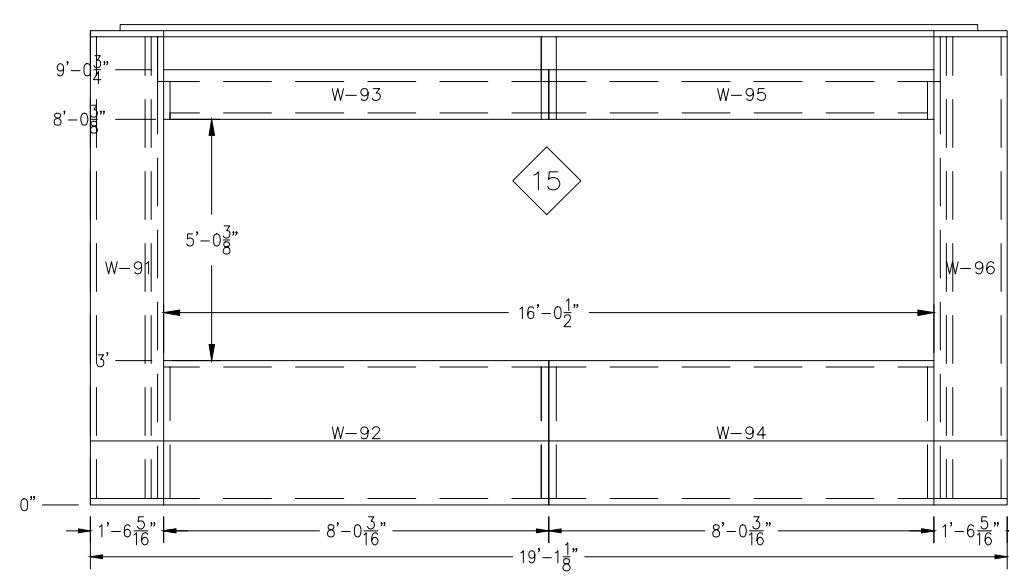
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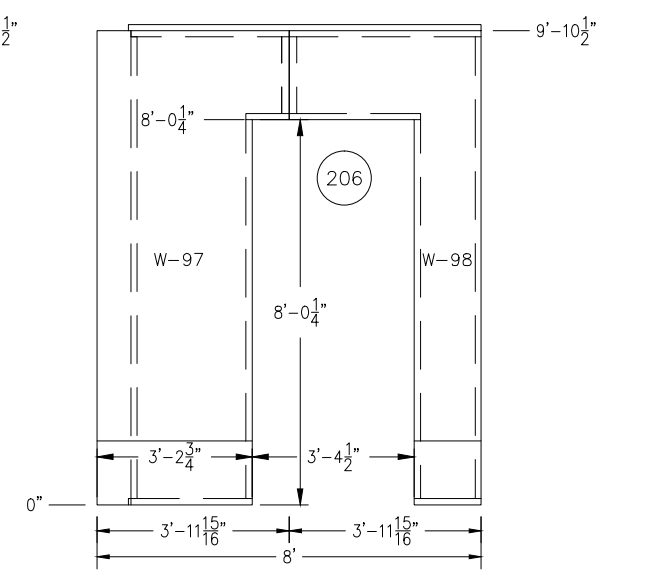
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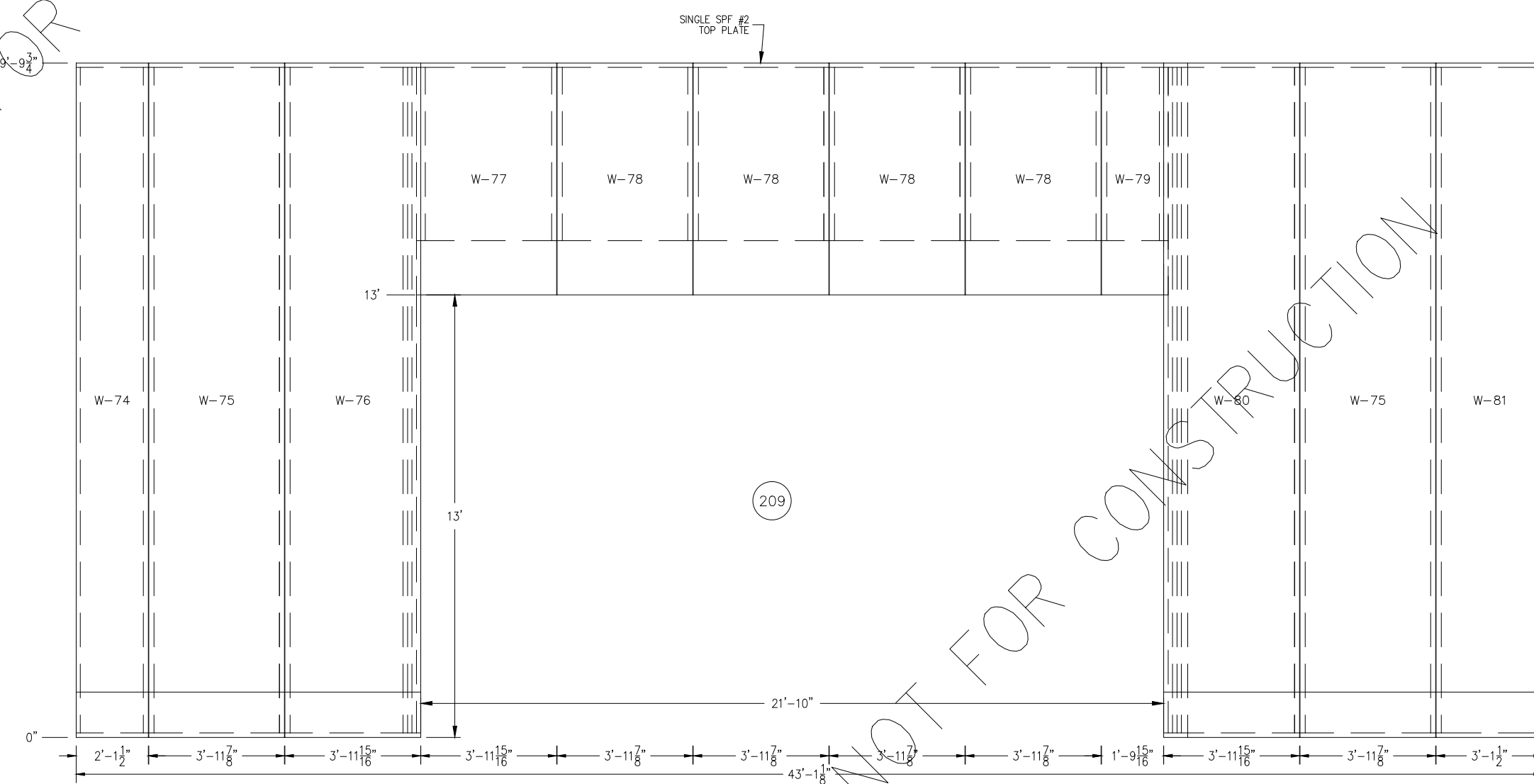
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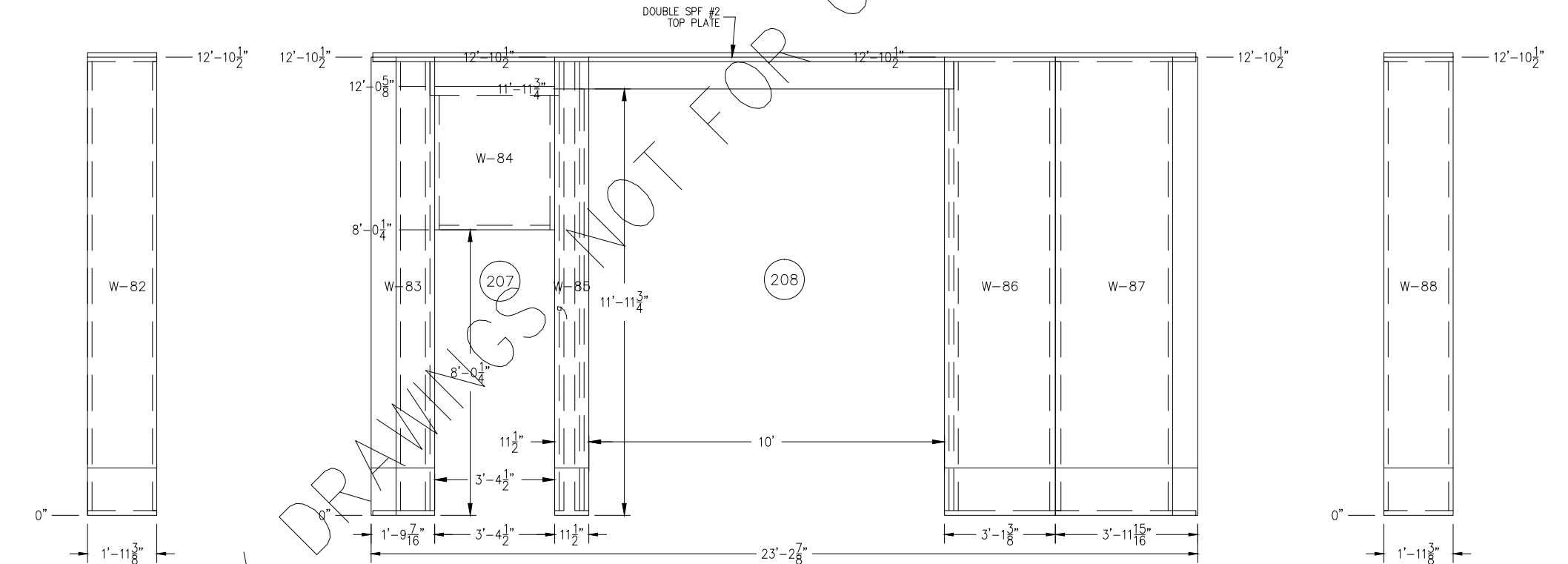
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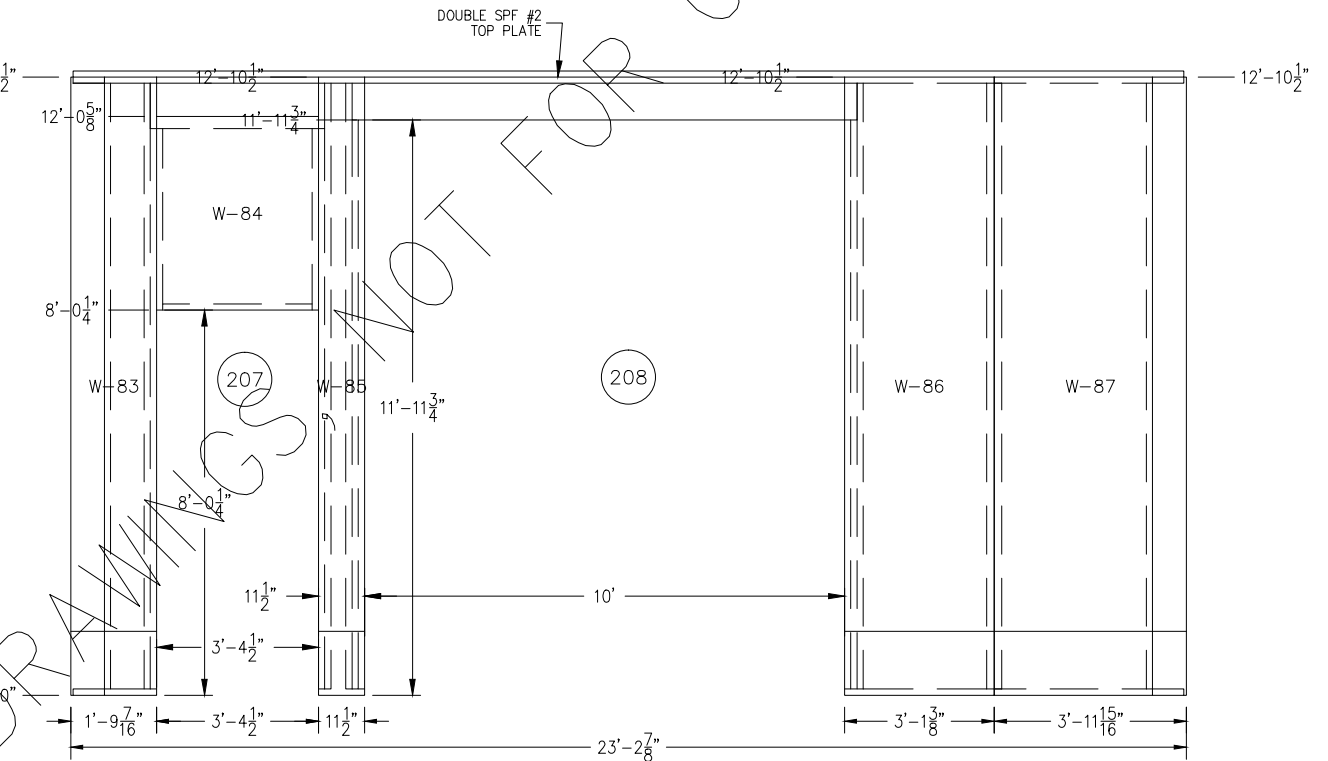
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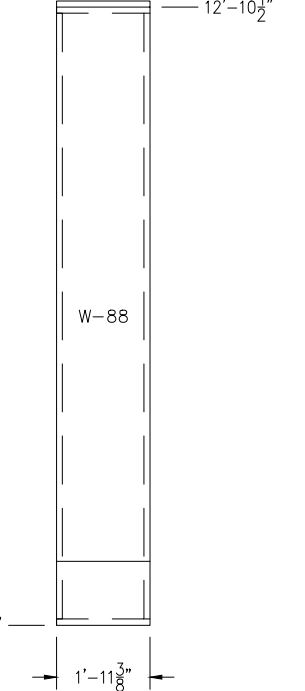
Wall: STD EXT23



Wall: STD EXT24



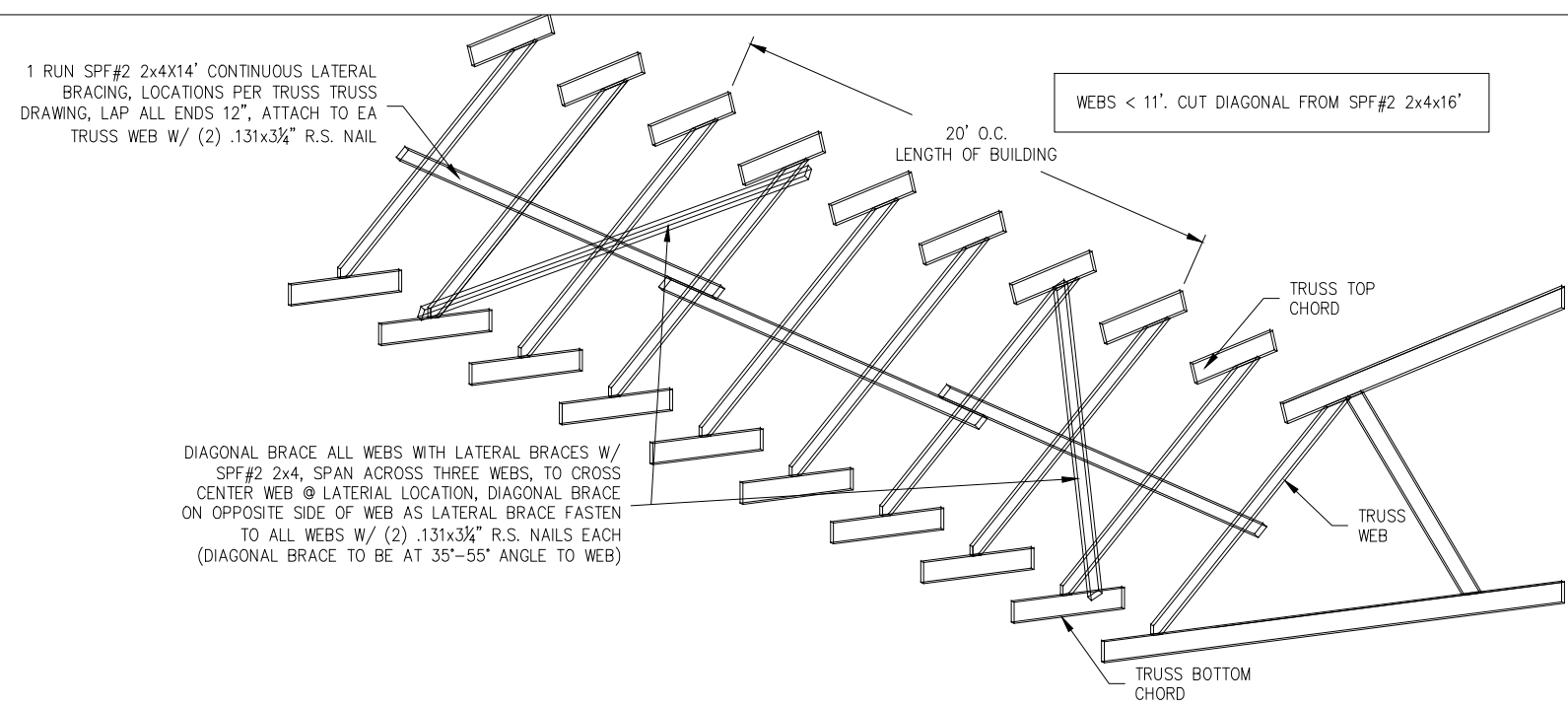
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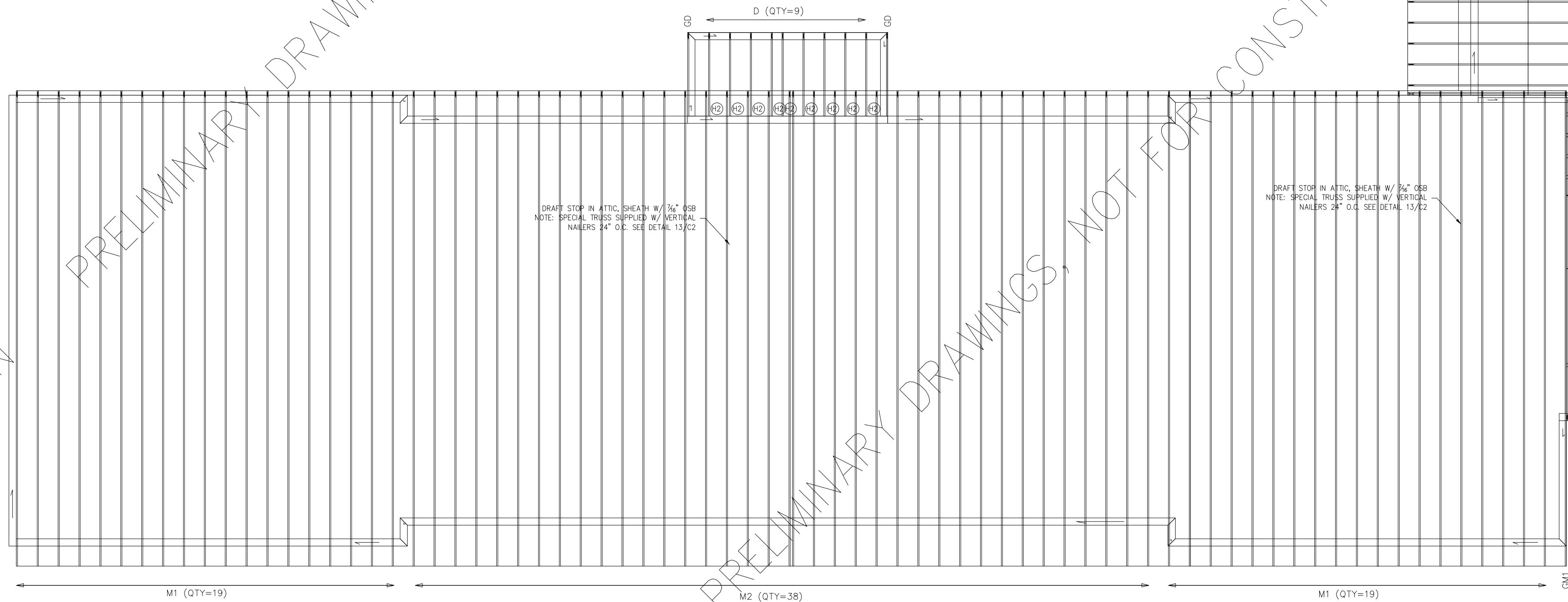
Wall: STD EXT26



R.H. GRABAU			
BJV RAILROAD MUSEUM			
183'-0"x75'-0"x13'-0"			
SOLID CORE BUILDING PACKAGE			
SCALE: NOTED	DATE: 7/12/2011	REV: 0	SHEET: S6
DRAWN BY: TTK	REVIEWED BY: RGW	REV: 0	
DWG NO: 2011/WS/75813		REV: 0	



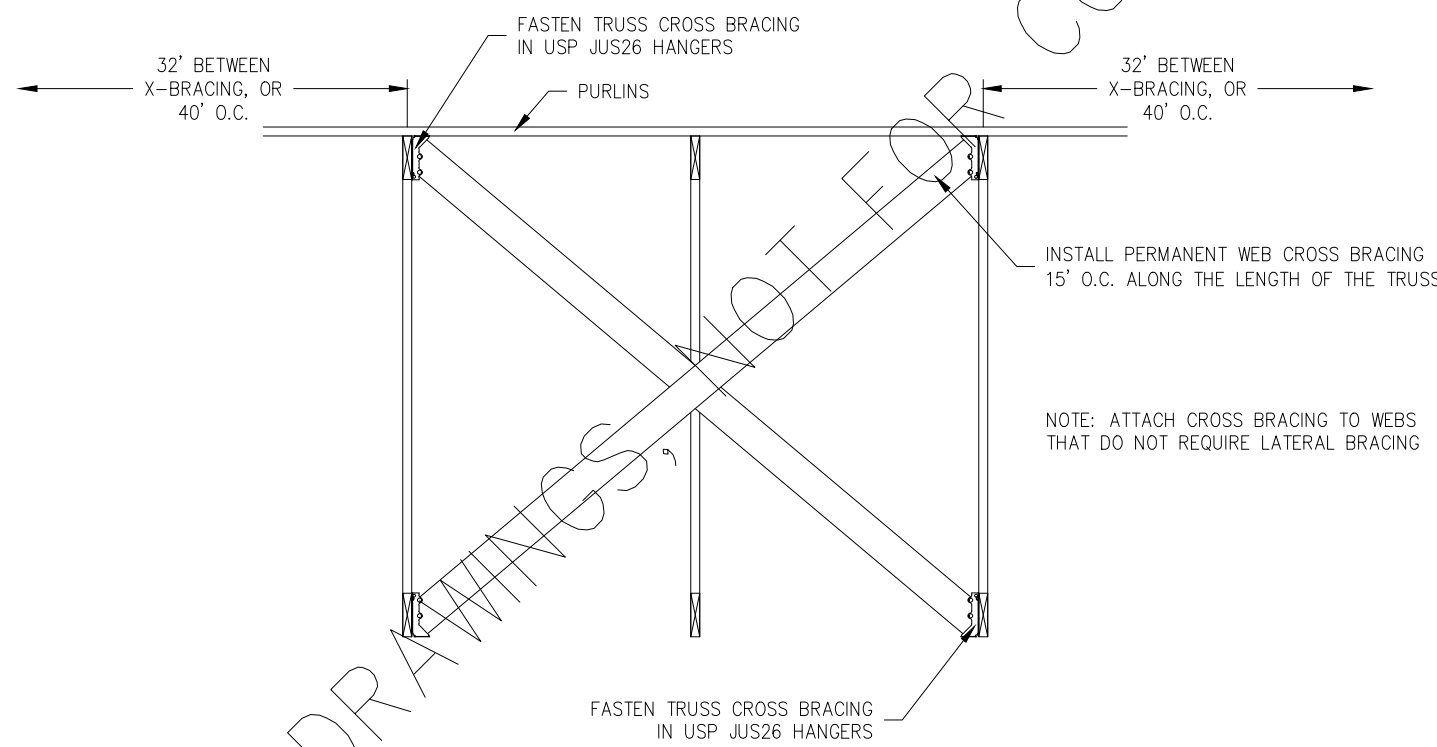
1  
S5 4' O.C. TRUSSES (1) RUN LATERAL BRACE, WEB < 11'  
SCALE: NONE



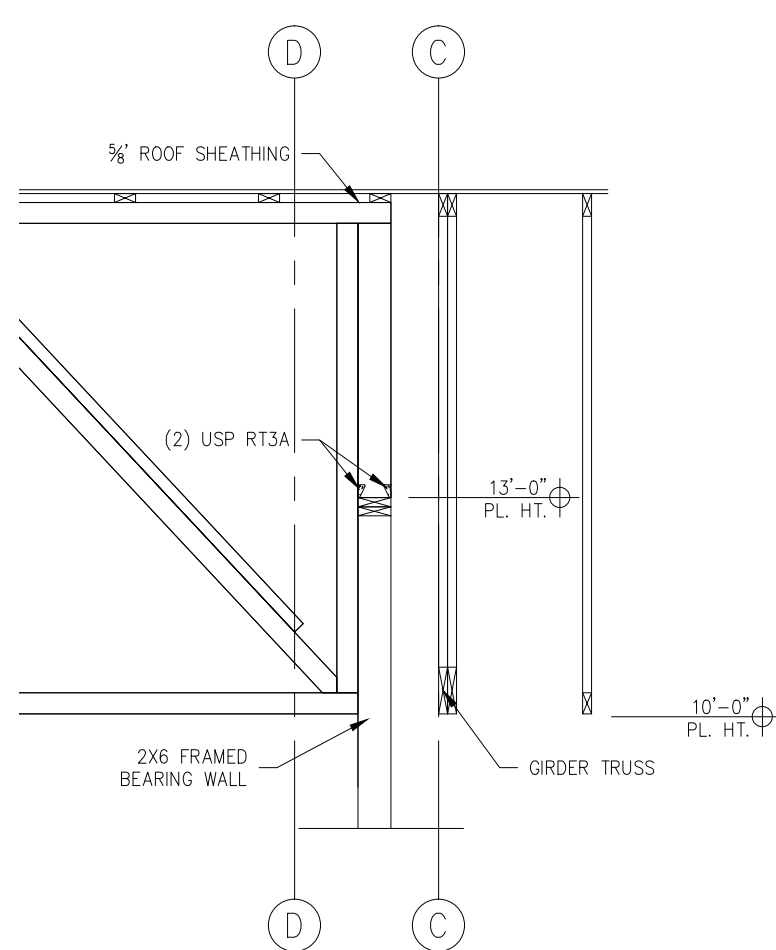
2 ROOF TRUSS LAYOUT  
S5 SCALE: 1/4"=1'-0"

HANGER SYMBOL	HANGER TYPE	QUANTITY	FASTENERS	HEADER	FASTENERS	JOIST
H1	USP TH228	10	(28)	16d	(16)	16d x 1 1/2"
H2	USP JUS26	8	(4)	10d	(4)	10d

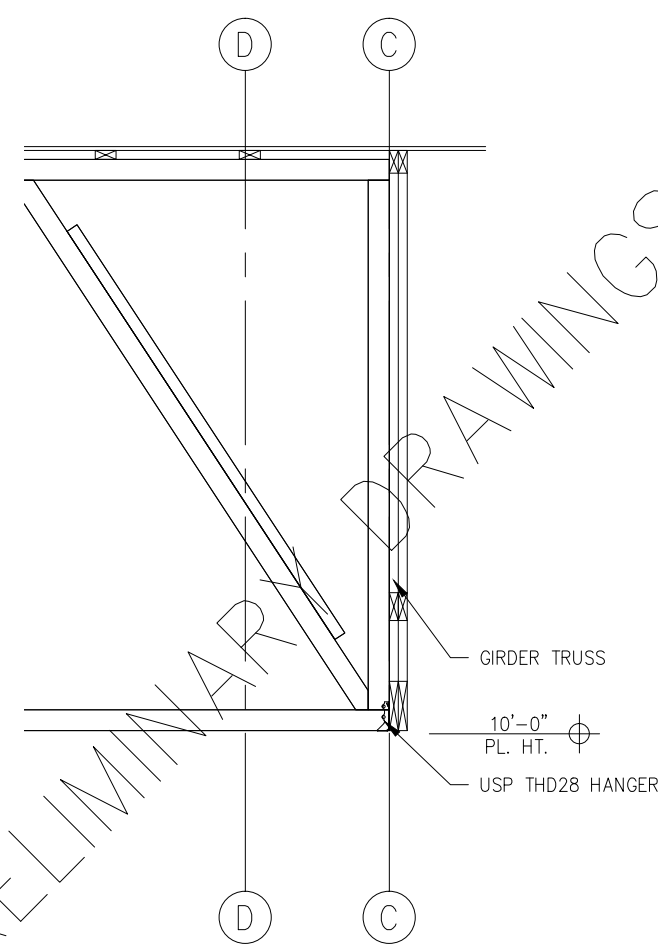
NOTE:  
FASTEN ALL 2-PLY GIRDERS TO WALL PLATE WITH USP RH6-2  
FASTEN ALL OTHER TRUSSES TO WALL PLATE WITH USP RT16A



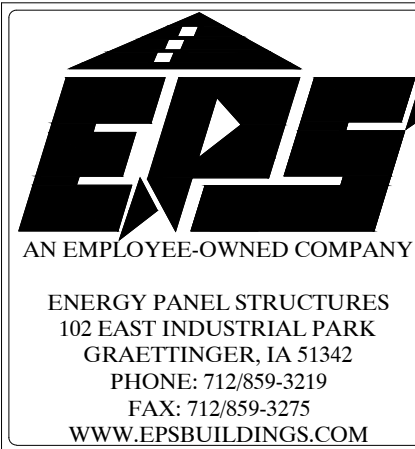
3 ROOF TRUSS "X" BRACING  
S5 SCALE: NONE



4 ROOF TRUSS BEARING CONNECTION  
S5 SCALE: NONE



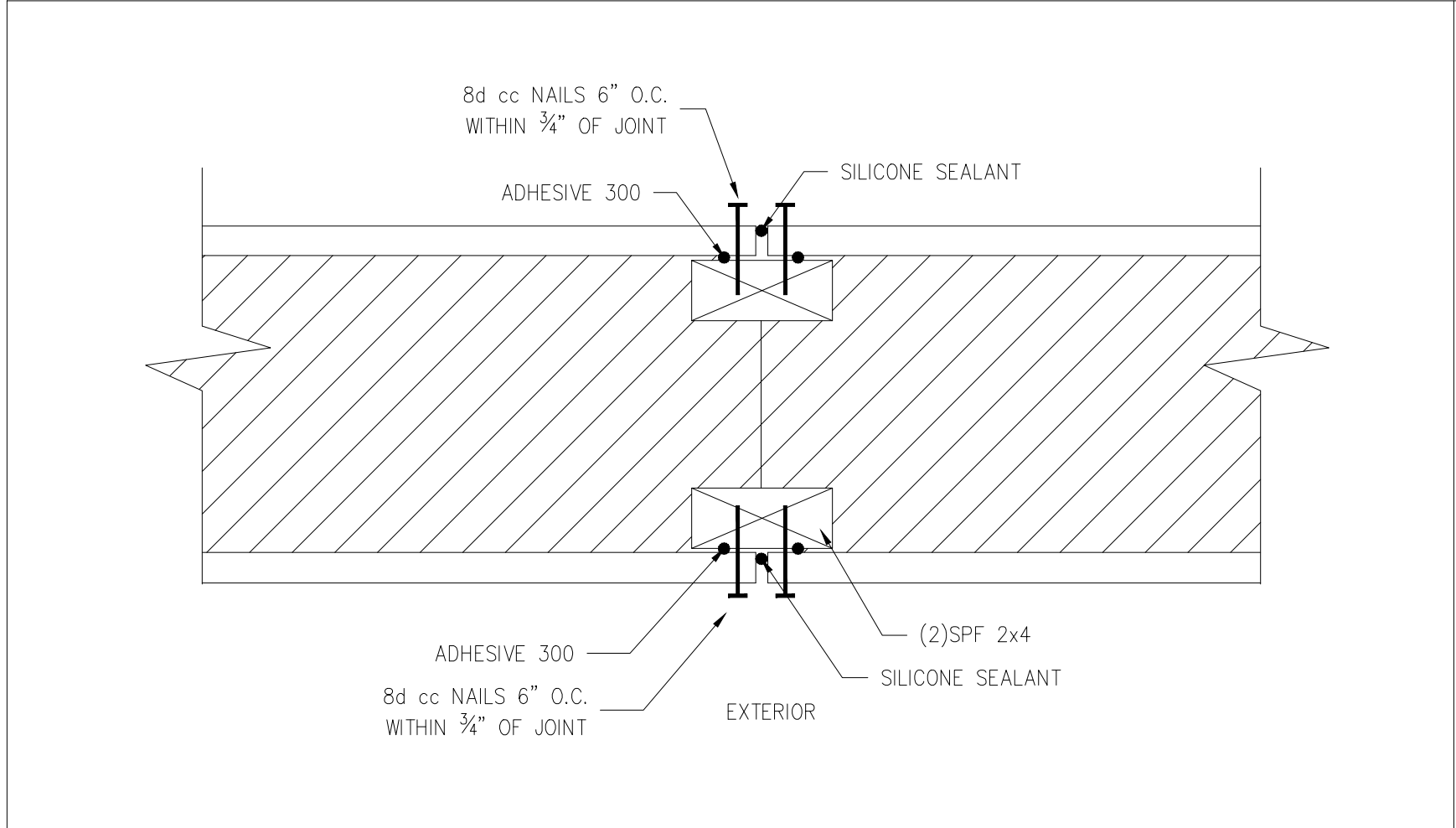
5 GIRDER TRUSS CONNECTION  
S5 SCALE: NONE



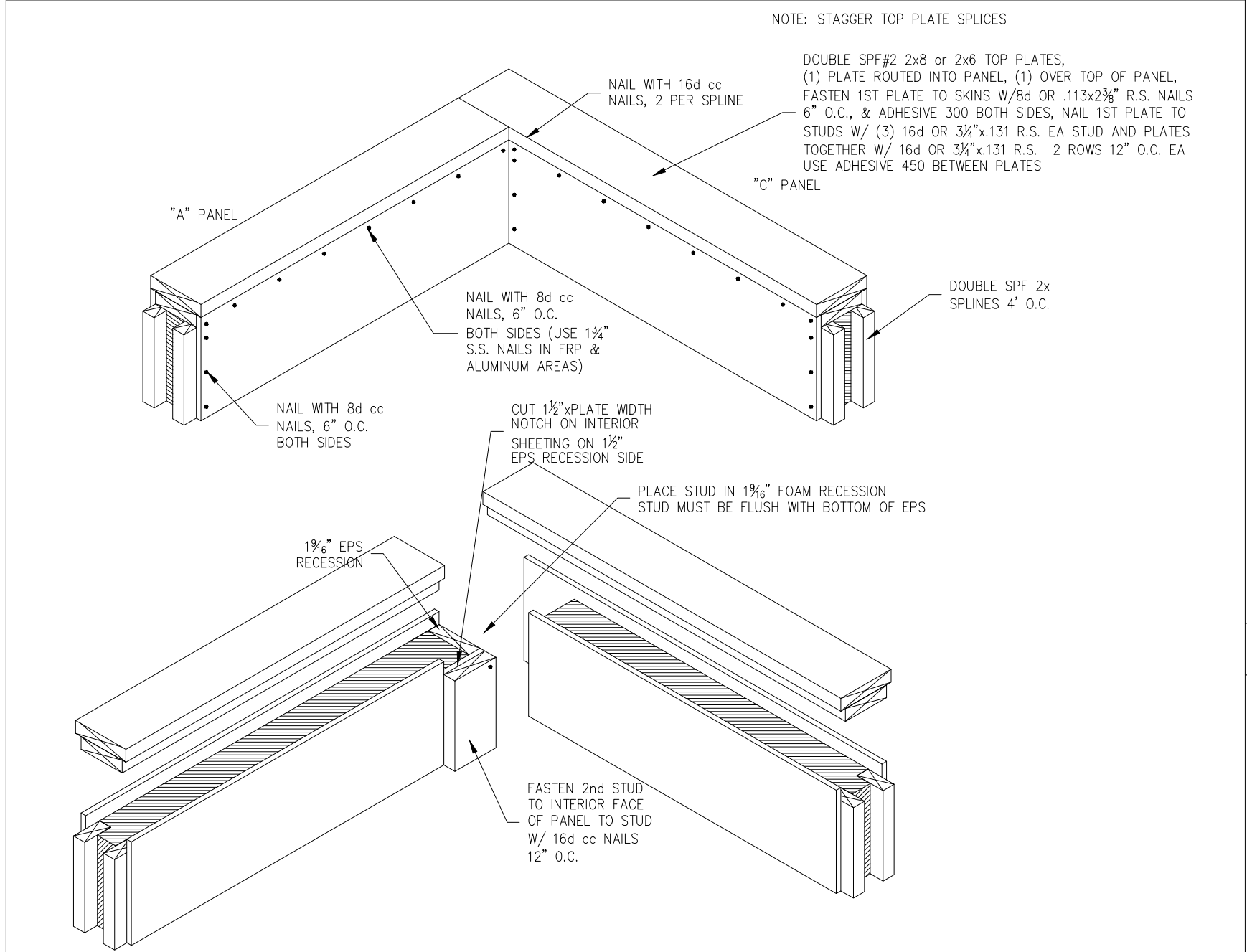
R.H. GRABAU  
BJV RAILROAD MUSEUM  
183'-0"x75'-0"x13'-0"  
SOLID CORE BUILDING PACKAGE

SCALE: NOTED DATE: 7/12/2011 REV: 0 SHEET: S7  
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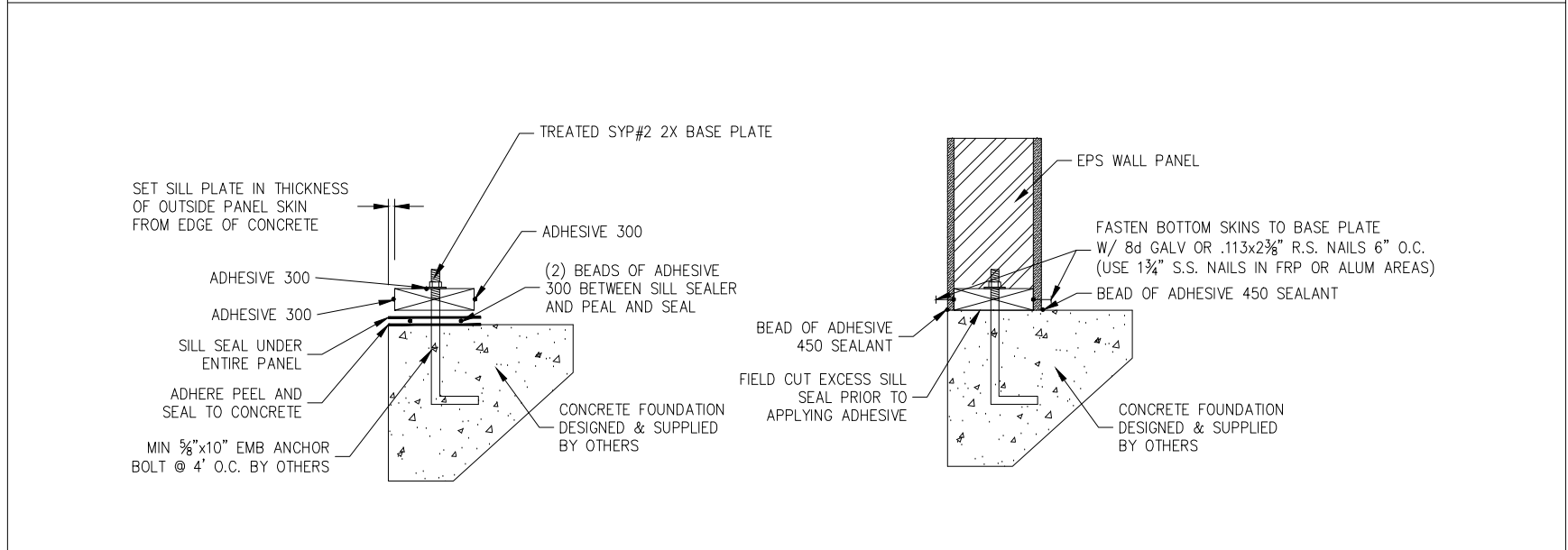




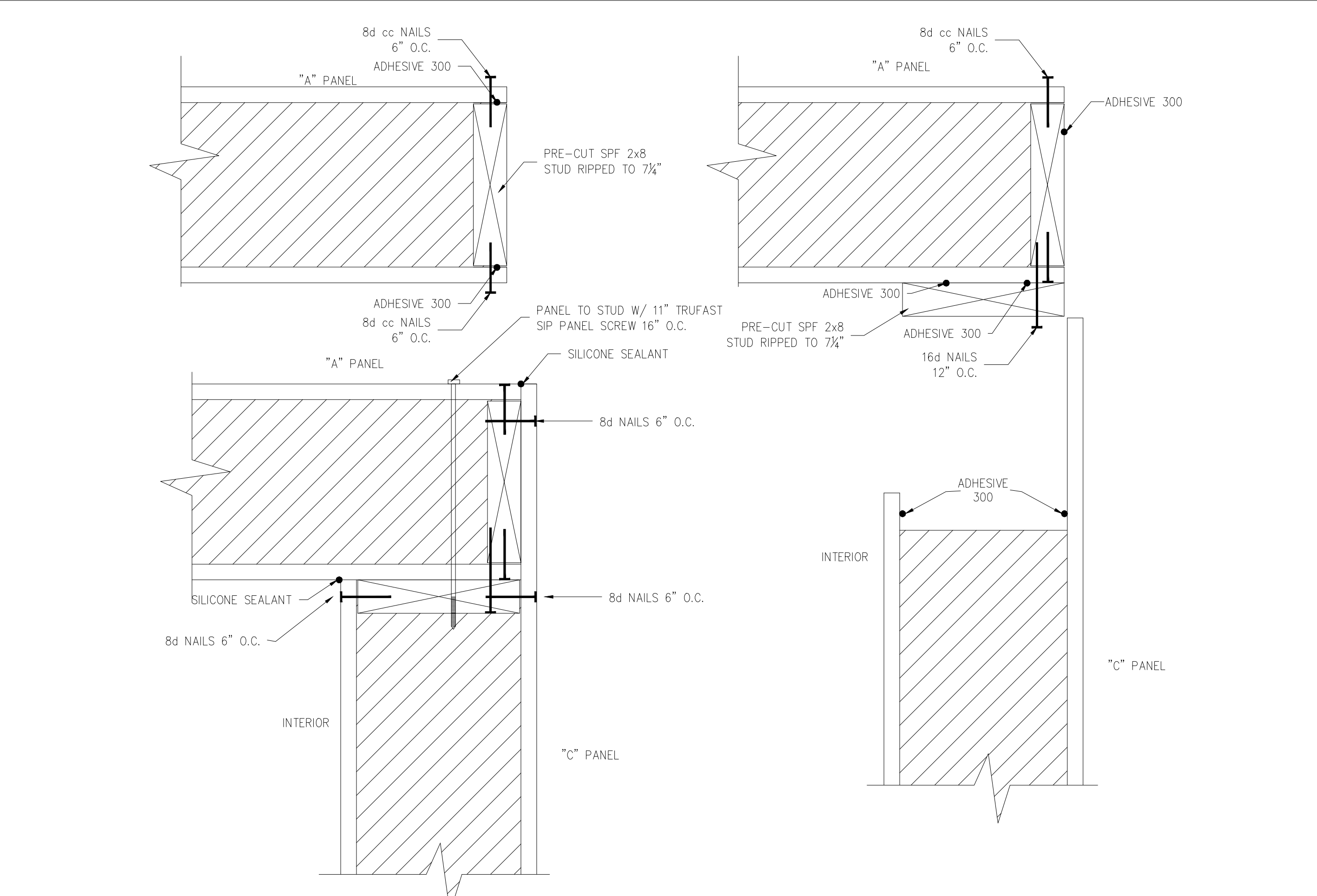
1 - PANEL/PANEL CONNECTION



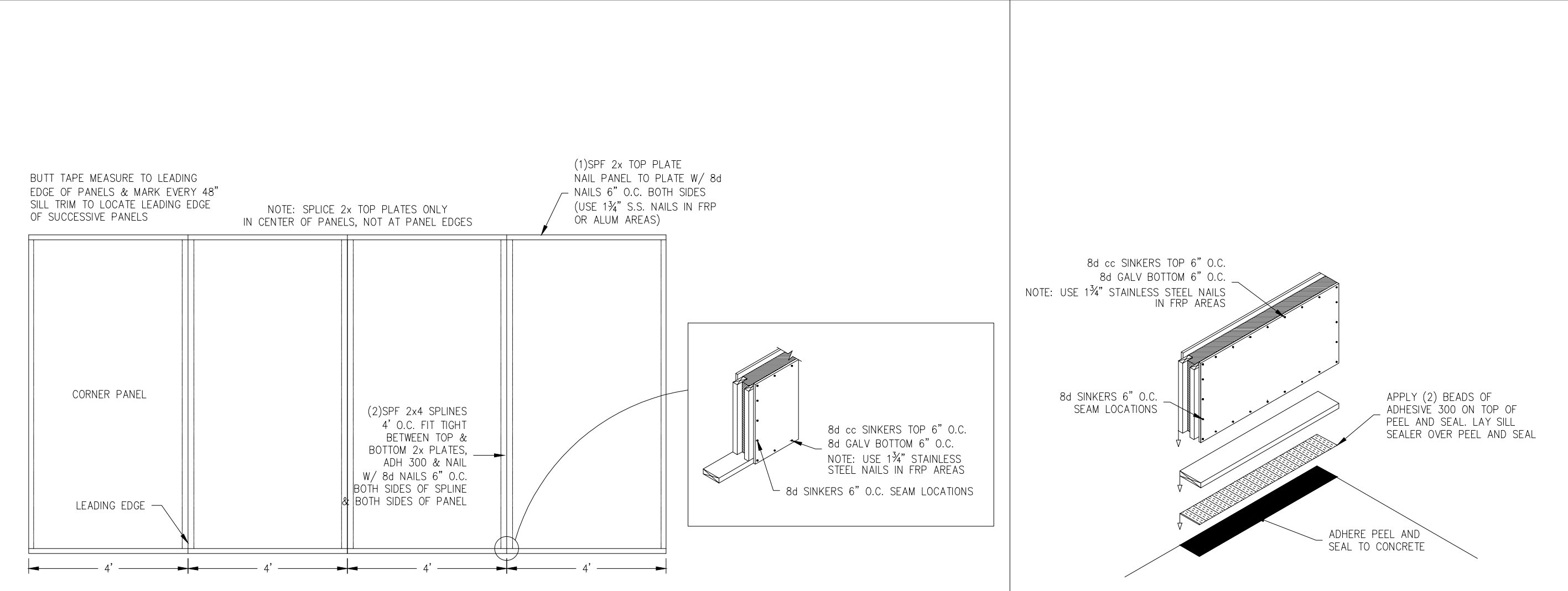
3 - CORNER/TOP PLATE CONNECTION



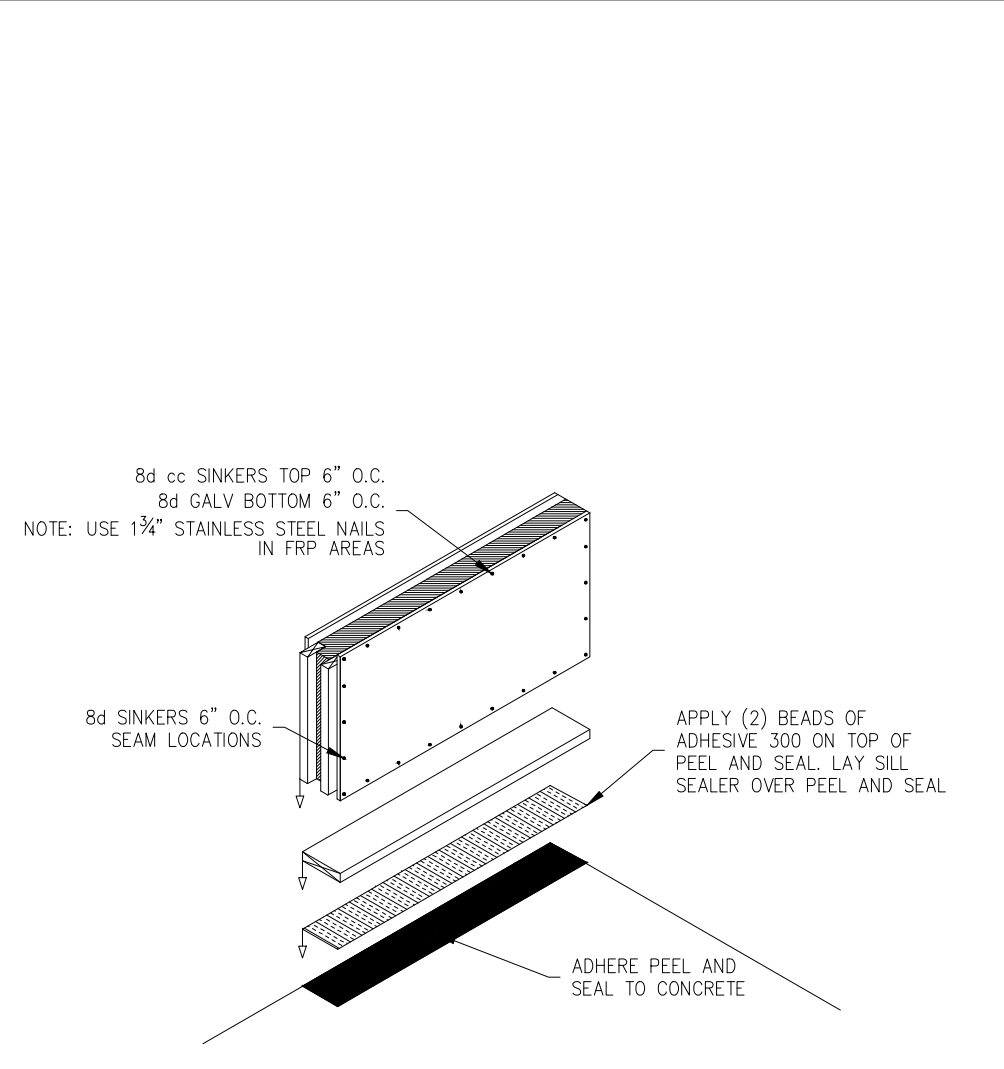
4 - BASE DETAIL



2 - PANEL CORNER CONNECTION

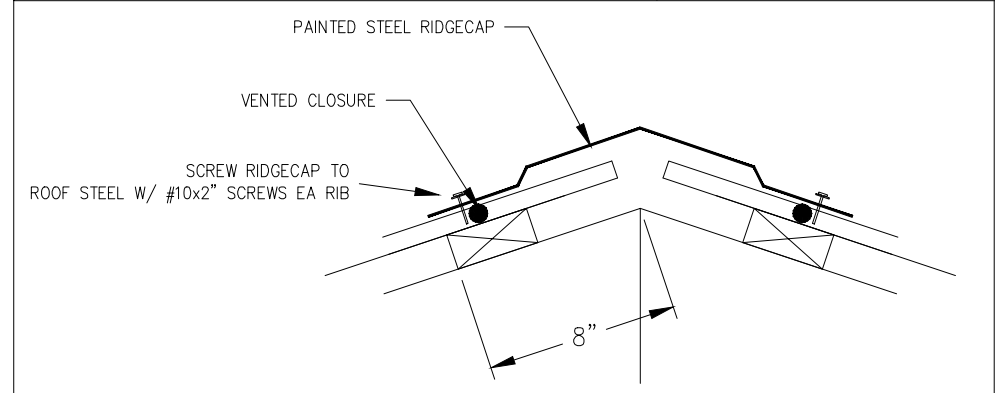


5 - PANEL CONNECTIONS



6 - BASE SILL DETAIL

SOLID CORE BUILDING FASTENING SCHEDULE		
COMPONENT	TYPE OF FASTENER	FREQUENCY
SILL PLATE/FOUNDATION	MIN. 5/8"x8" ANCHOR BOLTS SILL SEAL	48" O.C. (by others) CONTINUOUS
TOP PLATE/STUDS	16d cc SINKERS	2/ STUD
PANELS/SILL PLATE	ADHESIVE 350 ALL SKINS 8d GALV (1 3/4" S.S. IN FRP OR ALUM SKINS)	1 RUN/SKIN 6" O.C., INT & EXT. PANEL CORNERS, INT & EXT.
PANELS/STUDS	8d cc SINKERS ADHESIVE 350 ALL SKINS	6" O.C., INT & EXT. 1 RUN/SKIN
PANELS/TOP PLATE	ADHESIVE 350 ALL SKINS 8d cc SINKERS (1 3/4" S.S. IN FRP OR ALUM SKINS)	1 RUN/SKIN 6" O.C., INT & EXT. PANEL CORNERS, INT & EXT.
ENDWALL PLATE/TOP PLATE	16d cc SINKERS	6" O.C.
GABLE END TRUSS/ENDWALL PLATE	16d cc SINKERS	4" O.C.
REGULAR TRUSS/TOP PLATE	SEE EAVE DETAIL	SEE EAVE DETAIL
ROOF PURLINS/TRUSSES	16d R.S.	2 PER CONNECTION
FASOIA BOARD/TRUSSES	16d cc SINKERS	2 PER TRUSS
SOFFIT BOARD/TRUSSES & BLOCK	8d cc SINKERS	2 PER TRUSS
POST TRIM/FASOIA BOARD	#10x1-1/2" ROOF SCREWS PAINTED	18" O.C.
ANGLE TRIM/BOTTOM PURLIN	8d cc SINKERS	18" O.C.
ROOF STEEL/ROOF PURLINS	#10x1-1/2" ROOF SCREWS PAINTED	(1)w/ FLAT BESIDE RIB IN FLAT INTERMEDIATE (1) w/ SIDE OF RIB IN FLAT RIDGE & EAVE
ROOF STEEL SIDE SEAMS	#12x5/8" ROOF SCREWS PAINTED	SEE CROSS SECTION
DOUBLE ANGLE/GABLE TRUSS	8d cc SINKERS	18" O.C.
PLYWOOD/GABLE END TRUSS	8d cc SINKERS	4" O.C. ALL MEMBERS
GABLE END STEEL/GABLE TRUSS	#10x1-1/2" ROOF SCREWS PAINTED	w/ FLAT
RAKE TRIM/GABLE TRUSS	#10x1-1/2" ROOF SCREWS PAINTED	24" O.C.
RAKE TRIM/ROOF PURLIN	#10x1-1/2" ROOF SCREWS PAINTED	24" O.C.
OUTSIDE CORNER TRIM/PANELS	#10x1-1/2" ROOF SCREWS PAINTED	24" O.C.
RIDGE CAP/TOP PURLIN	#10x1-1/2" ROOF SCREWS PAINTED	9" O.C.
EXTERIOR PANEL JOINTS	SILICONE SEALANT	TUBE/32 IF
EXTERIOR BATTEN/PANEL	1-3/4" STAINLESS STEEL NAILS	HOLES PROVIDED
INSULATION STOP/TRUSSES	1-1/2" ROOFING NAIL	9 PER STOP
CEILING NAILERS/TRUSSES	16d cc SINKERS	2 w/ END
PLYWOOD-OSB/TRUSS & NAIL w/BATTEN	8d cc SINKERS	6" O.C. PERMETER & 12" O.C. INTER
GLAS-PANEL/TRUSS & NAIL w/BATTEN	8d cc SINKERS & 1-3/4" STAINLESS NAILS	6" O.C. PERMETER & 12" O.C. INTER
STEEL CEILING/TRUSSES	#9x1" ROOF SCREWS PTD WHITE	9" O.C. EA FLAT
DIVIDE STUDS/PLATES	16d cc SINKER TOE-NAIL	2 TOP & BOTTOM
GLAS-PANEL/STUDS & PLATES	8d cc SINKERS & 1-3/4" STAINLESS NAIL	6" O.C. PERMETER & 12" O.C. INTER
INTERIOR PANEL JOINTS	SILICONE SEALANT	TUBE/32 IF
ALUMINUM BATTEN/PANEL JOINTS	1-3/4" STAINLESS NAIL	HOLES PROVIDED 6" O.C. CONTACT AREAS
VENTED SOFFIT PANEL TO TRUSSES AND FASOIA BLOCK	#10x1-1/2" ROOF SCREW	12" O.C.-2 RUNS
"J" METAL TRIM	8d cc SINKERS	24" O.C.



7 - RIDGECAP INSTALLATION



R.H. GRABAU

BJV RAILROAD MUSEUM  
183'-0"x75'-0"x13'-0"  
SOLID CORE BUILDING PACKAGE

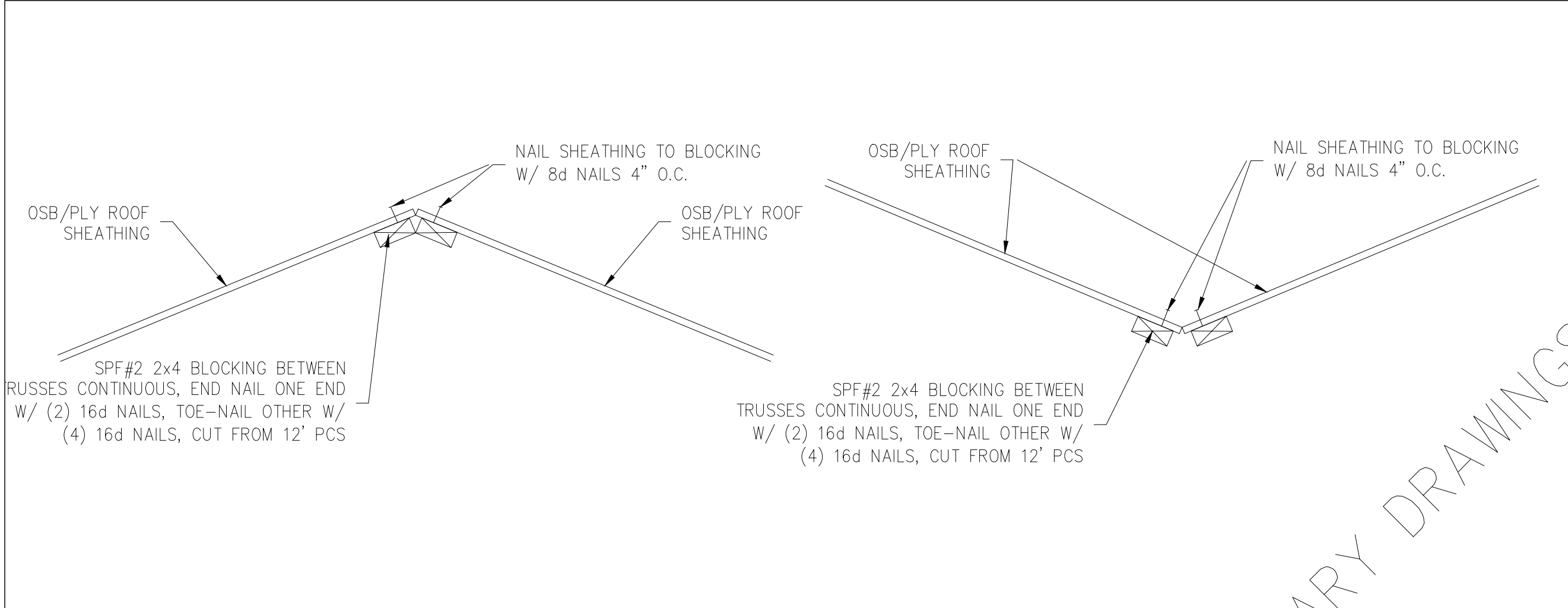
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DATE: 7/12/2011  
REVIEWED BY: RGW

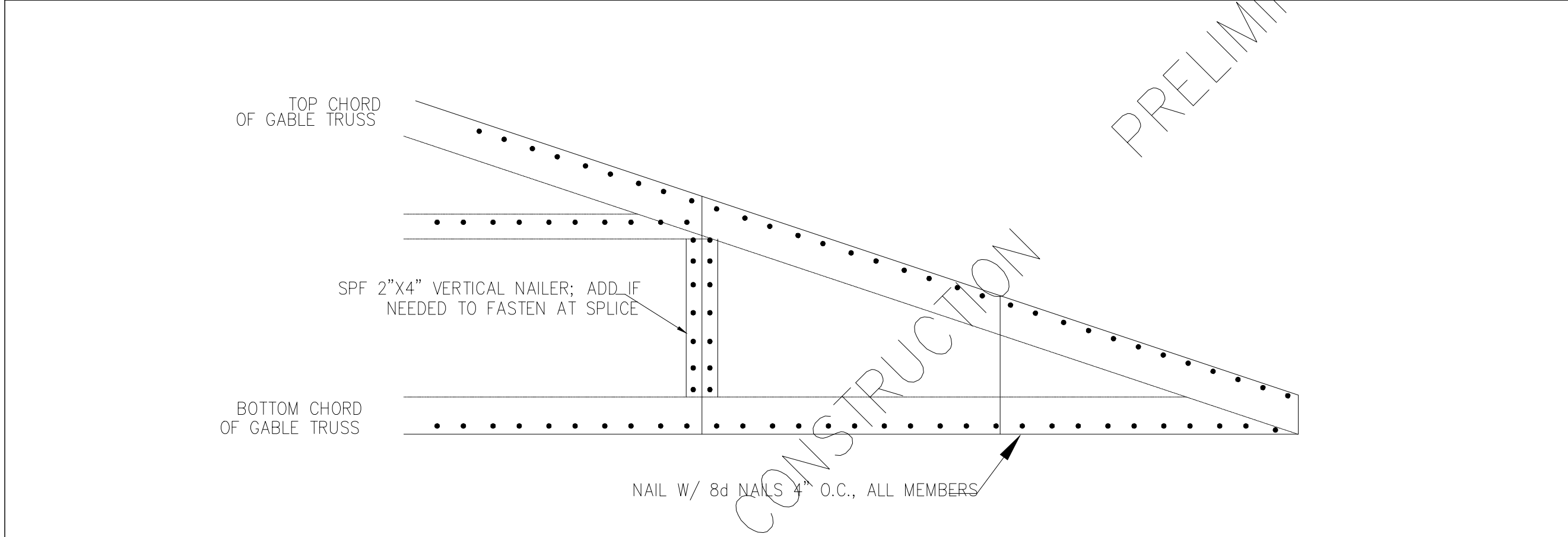
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REV. 0  
REV. 0

SHEET:  
**C1**

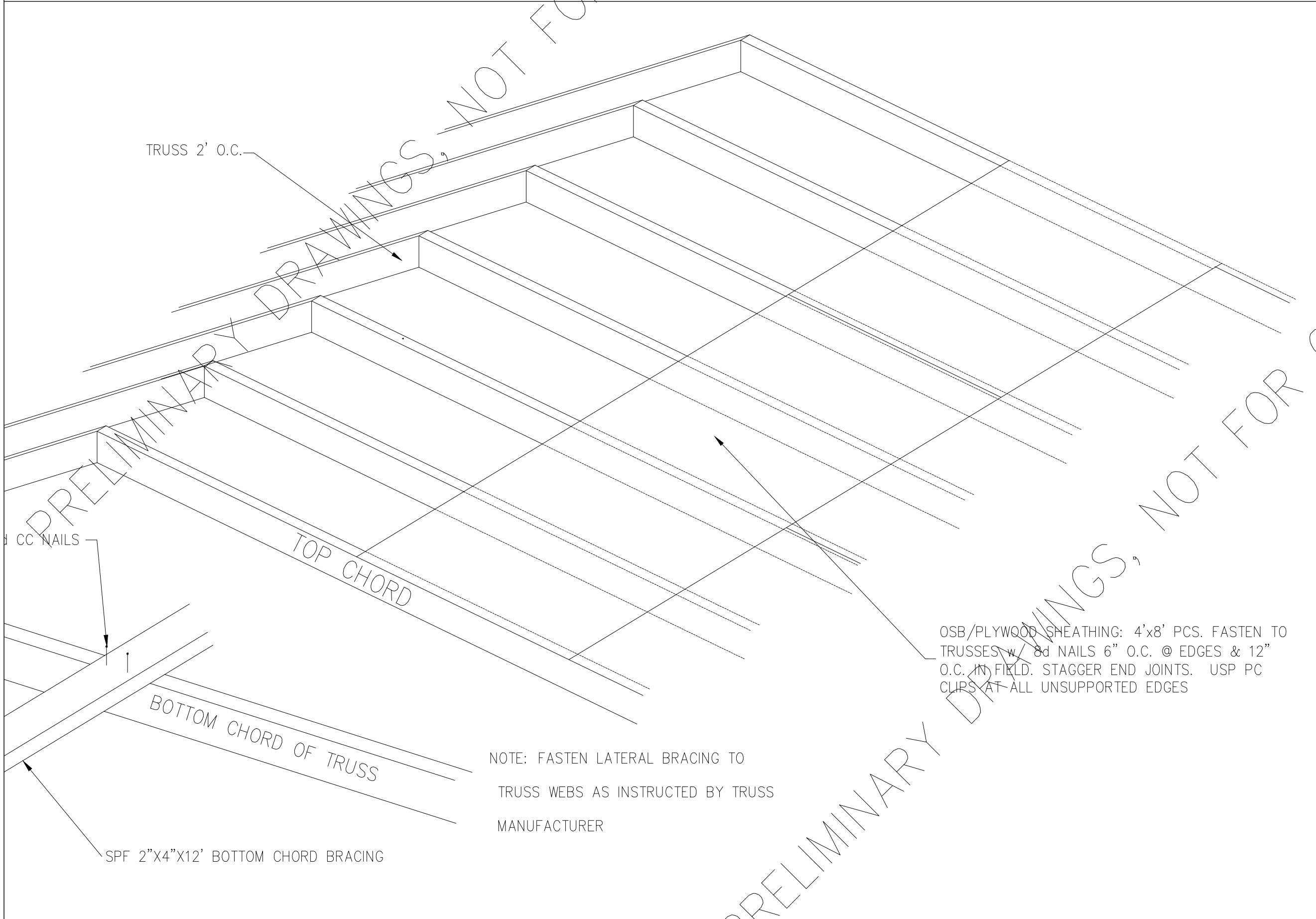




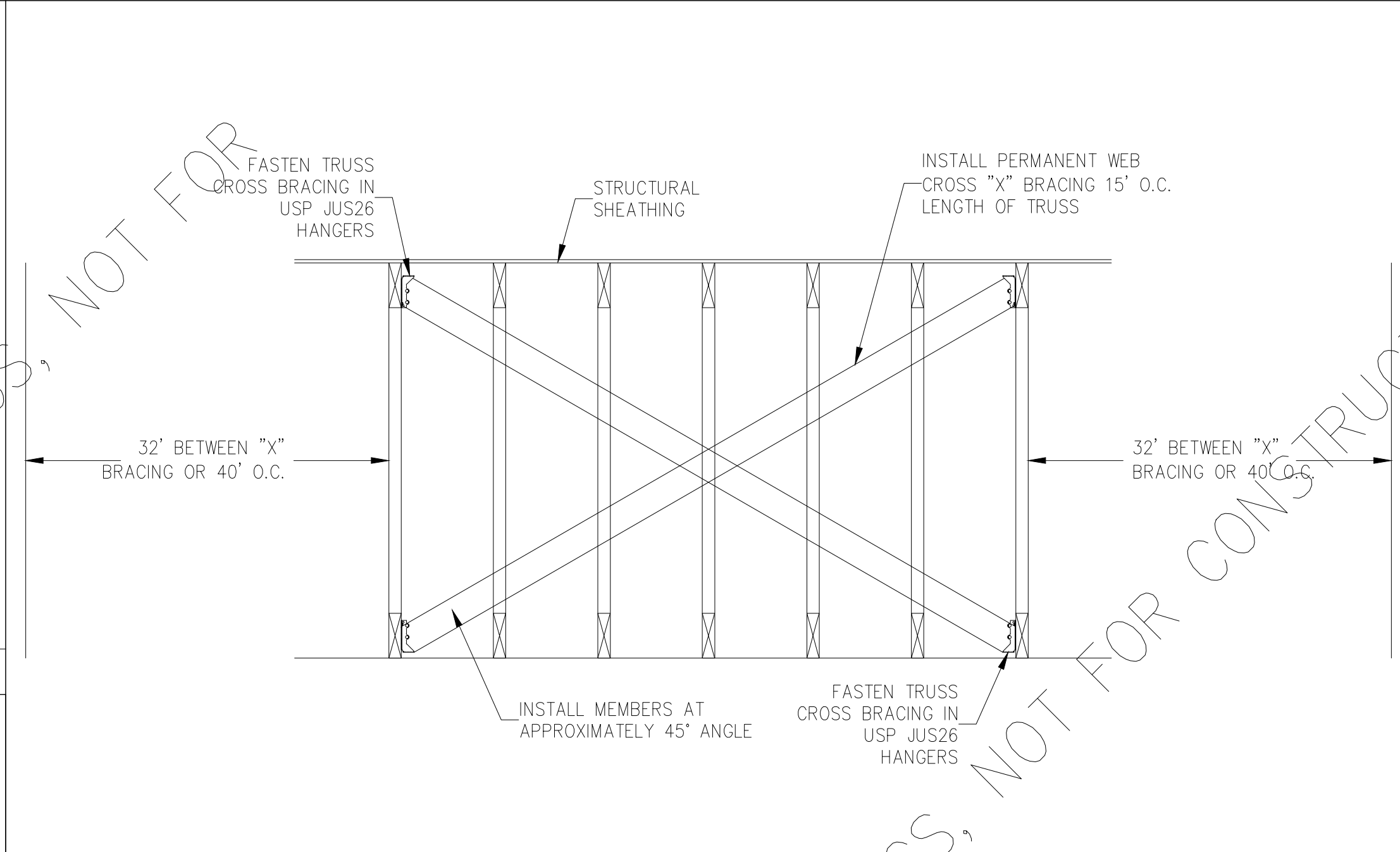
1/C2 - PLYWOOD DECK ROOF HIP & VALLEY BLOCKING DETAILS



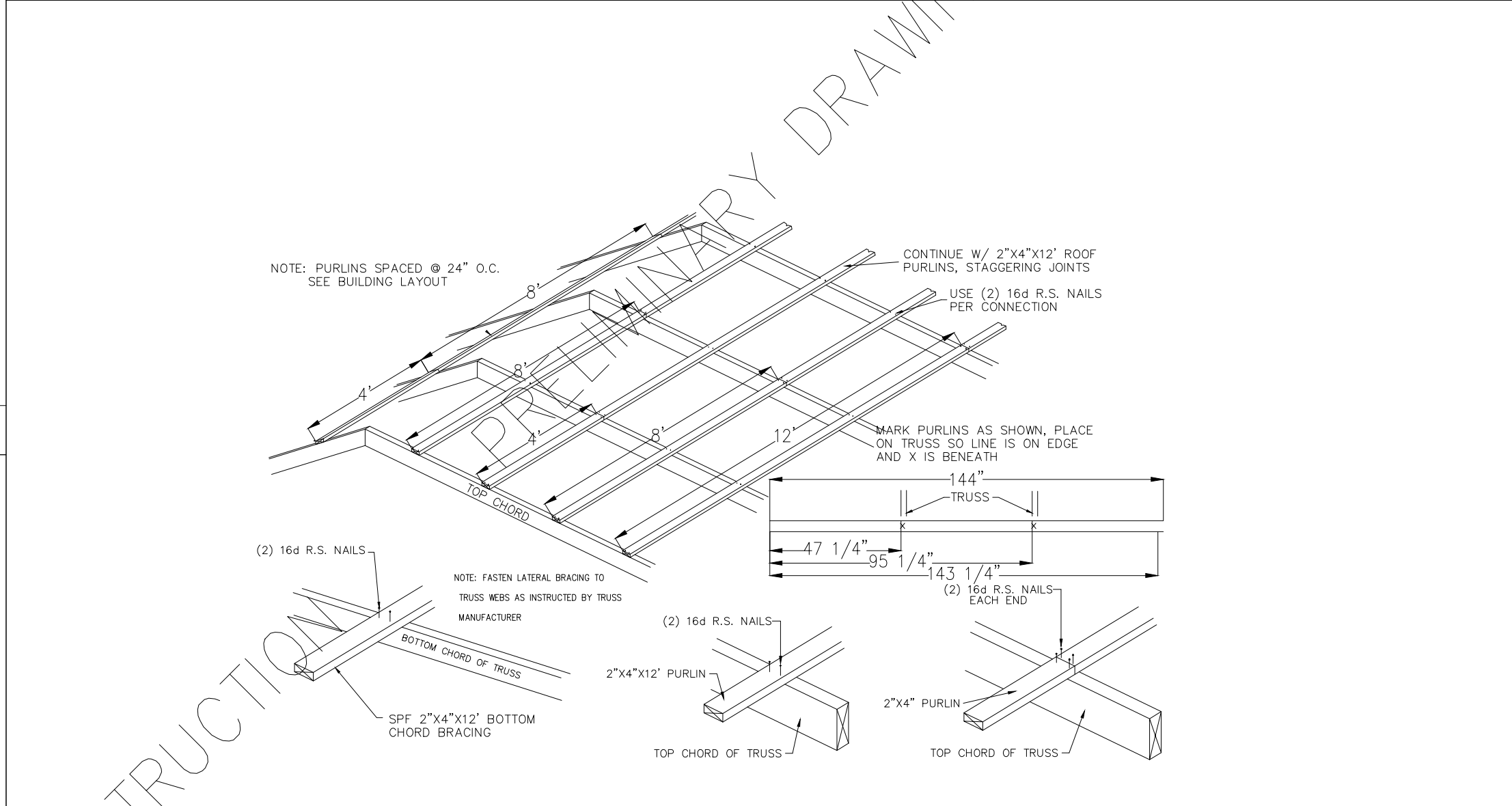
2/C2 - GABLE END SHEATHING FASTENING



3/C3 - 2' O.C. ROOF TRUSSES ROOF SHEATHING CONNECTION



4/C2 - X-BRACING DETAIL



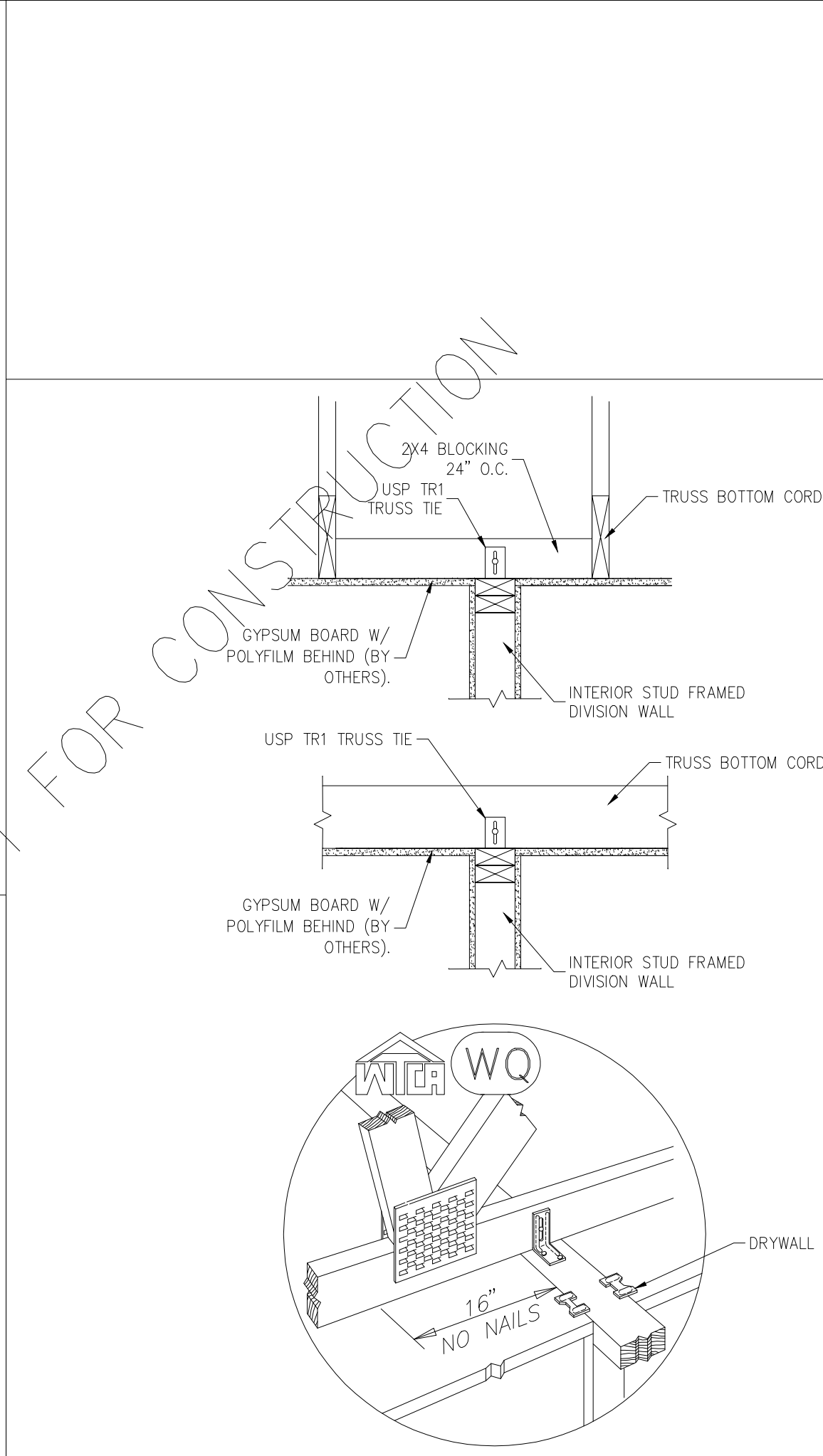
5 - 4' O.C. ROOF TRUSSES PURLIN CONNECTION




6/C2 - EAVE DETAIL

ROOF TRUSS		FASTENING	
SCHEDULE			
COMONENTS	TYPE OF FASTENER	FREQUENCY	SUPPLIED BY
TRUSS TO TOP PLATE	USP RT-16 TECO NAILS	FILL ALL HOLES	EPS
FASOIA TO TRUSS	16d CC SINKER OR 3/4"x1.31 R.S.	(3) PER CONNECTION	EPS
INSULATION STOP	8d NAILS OR .113x2 3/8" R.S.	4" O.C.	EPS
ROOF SHEATHING	8d NAILS OR .113x2 3/8" R.S.	4" O.C. EDGES 8" O.C. CENTERS	EPS
GABLE END SHEATHING	8d NAILS OR .113x2 3/8" R.S.	4" O.C.	EPS
BOTTOM CHORD BRACING LATERAL BRACING DIAGONAL BRACING	16d CC SINKER OR 3/4"x1.31 R.S.	(2) PER CONNECTION	EPS
X-BRACING	USP JUS26 TECO NAILS	(4) PER X-BRACE	EPS

7/C2 - FASTENING SCHEDULE



9/C2 - DIVISION WALL / TRUSS CONNECTION



AN EMPLOYEE-OWNED COMPANY

ENERGY PANEL STRUCTURES  
102 EAST INDUSTRIAL PARK  
GRAETTINGER, IN 41342  
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R.H. GRABAU

BJV RAILROAD MUSEUM  
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SOLID CORE BUILDING PACKAGE

SCALE: NOTED	DATE: 7/12/2011	REV. 0
DWG NO. 2011/W5/75813	REVIEWED BY: RGW	REV. 0

SHEET: C2

8/C2 - ENDWALL DETAIL