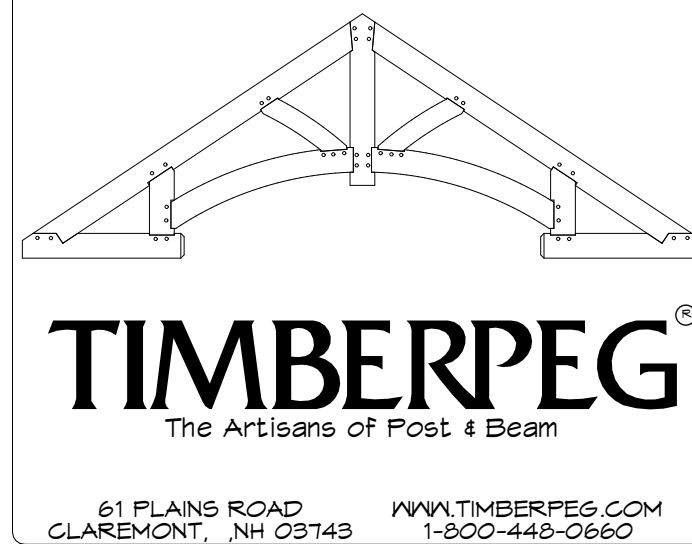
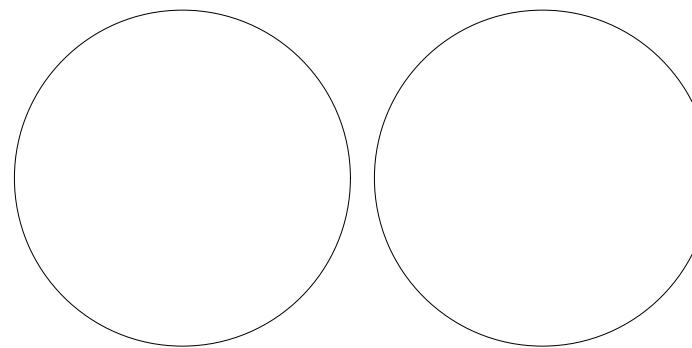


A TIMBERPEG® HOME DESIGNED FOR:
WS RANCH



CONSULTANTS:

STAMPS:



WS RANCH

Johnson Canyon Rd
Kanab UT 84741

NO.	DATE	DESCRIPTION	BY	APP
4	07.27.21	Construction-Rev D	Cbr	
3	06.26.21	Rev C	Cbr	
2	06.21.21	Rev B	Cbr	
1	05.25.21	Rev A	Cbr	
0	05.16.21	Preliminary	Cbr	

PROJECT NO: T-01564

PROJECT NAME: WS RANCH

DEALER/RM: Marty Borges/Mike Pollari

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SHEET TITLE:

Cover Sheet

G-001

TIMBERPEG PACKAGE SPECIFICATIONS

NOTE: CHECKED BOXES INDICATE TIMBERPEG MATERIALS OR SERVICES

FRAME SYSTEM FLOOR TO FLOOR HEIGHT

MAIN BUILDING

100' x 42' 10'-0"

WINGS

SEE PLANS

GARAGE

48'x56' MONITOR BARN

RELATED STRUCTURES

ENTRY, BREEZEWAY, DECKS ETC.
12x12 BBQ PAVILION
FRONT AND REAR PORCHES

INCLUDE MIDGIRTS & WINDOW POSTS (SIPS ONLY)

FRAME(S) SPECIES CHAMFERING 1/2" 3/8"

PINE 5/4S TO 1/2" DOUGLAS FIR SELECT STRUCTURAL

STRAIGHT BRACES STRAIGHT BRACES
CURVED BRACES CURVED BRACES

SIDING (EXTERIOR) PREFINISHED 1 COAT 2 COAT
PREPRIMED

1x12, 1x3 RED CEDAR BOARD AND BATTEN

BY OTHERS - STONE

TRIM (EXTERIOR) PREFINISH 1 COAT 2 COAT
PREPRIMED

CEDAR (5/4 ONLY - 1" FINISHED) STANDARD
AZEK BOXED SOFFIT
MIRATEC RAFTER TAILS
HARDIETRIM HARDIES/OFFIT CUSTOM JET BLOCKS

12" GABLE OVERHANG 24" EAVE OVERHANG

BY OTHERS

ROOFING

BY OTHERS- METAL AND COMPOSITION

RIDGE CAP

BY OTHERS- METAL AND COMPOSITION

WRAP & STRAP INSULATION (RIGID POLYISOCYANURATE)

AT WALLS AT ROOF
w/ STRAPPING (SEE A-502) w/ STRAPPING (SEE A-501)

BY OTHERS

STRUCTURAL INSULATED PANELS (SIP)

MANUFACTURER: FOARD

WALL PANELS ROOF PANELS

PANEL THICKNESS : 6 1/2" PANEL THICKNESS : 10 1/4"

FOAM CORE : EPS FOAM CORE : EPS

PRE-CUT PRE-CUT

STRAPPING (SEE A-501)

PROVIDE 2X MATERIAL WITH PANELS

HOME SLICKER DRAINAGE MEMBRANE (w/1/4" PLYWOOD SPACERS B.O.)

AT PANEL WALLS AT STICK BUILT WALLS

BY OTHERS

INTERIOR WALL FINISH (OF EXTERIOR WALL PACKAGE) PREFINISHED 1 COAT 2 COAT

BY OTHERS - 1/2" GWB w/ 5/8" Plywood Spacers

INTERIOR ROOF FINISH (OF EXTERIOR ROOF PACKAGE) PREFINISHED 1 COAT 2 COAT

2x8 T&G

BY OTHERS

CEILING FINISH PREFINISHED 1 COAT 2 COAT

2x8 T&G IS FOR SUBFLOOR ONLY - MATERIAL FOR FINISH FLOOR BY OTHERS

2x8 T&G

BY OTHERS

ADDITIONAL MATERIALS

QUANTITIES LISTED BELOW REPRESENT ESTIMATES. MATERIALS WILL BE INCLUDED IN THE TIMBERPEG PACKAGE BASED ON QUANTITIES NOTED. IF BUILDER REQUIRES MORE MATERIAL THAN NOTED ON THIS SHEET, THESE ADDITIONAL MATERIALS WILL BE PROVIDED AT AN ADDITIONAL COST. BUILDER TO VERIFY AND COORDINATE EXTRA MATERIALS TO BE PROVIDED BY TIMBERPEG.

TIMBERS / PLYWOOD

SIZE	LENGTH	QUANTITY	FOR USE AT
6x8	16'	6	Master Bath/Closet
4x8x 5/8"	Advantech	440	Roof Areas
4x8x 1/2"	OSB	142	for 2x8 T&G at flat ceilings

SIDING

TYPE	AMOUNT (S.F.)	FOR USE AT

TRIM

MATERIAL	SIZE	AMOUNT (L.F.)	FOR USE AT
	1x4		
	1x6		
	1x8		
	1x12		

ROOFING

TYPE	NUMBER OF BUNDLES	FOR USE AT

STRAPPING

SIZE	AMOUNT (L.F.)	FOR USE AT

INSULATION (RIGID POLYISOCYANURATE)

NUMBER OF 4x8x1" SHEETS	NUMBER OF 4x8x2" SHEETS	FOR USE AT

INTERIOR WALL FINISH

TYPE	AMOUNT (S.F.)	FOR USE AT

INTERIOR ROOF FINISH

TYPE	AMOUNT (S.F.)	FOR USE AT

CEILING FINISH

TYPE	AMOUNT (S.F.)	FOR USE AT

MILLWORK SCHEDULE

ANDERSEN 400 Series (HIGH PERFORMANCE LOW E GLASS STANDARD)

EXTERIOR GLAZ COLOR - BLACKS INTERIOR WOOD SPECIES

GRILLE WIDTHS 3/4" 1/8" 1-1/8" 2-1/4" JAMB SIZE -

FULL DIVIDED LIGHTS (includes Space Bar) DIVIDED LIGHTS (Without Space Bar)

FINELIGHT GRILLES (Between the glass) REMOVABLE INTERIOR WOOD GRILLES

DIVIDED LIGHTS (Exterior Grille w/ Removable Interior Grille)

ANDERSEN NARROW MULLIONS STANDARD (UNLESS NOTED OTHERWISE)

NOTES:

WINDOW SCHEDULE

QTY	ID	Rough Opening	Notes
1	AR31-3	9'-0 1/2"x1'-5 1/2"	
1	C13R	2'-0 5/8"x3'-0 1/2"	
1	C13R T	2'-0 5/8"x3'-0 1/2"	
1	C15L T	2'-0 5/8"x5'-0 3/8"	
1	C15R T	2'-0 5/8"x5'-0 3/8"	
1	C345	6'-0 3/8"x4'-5 3/8"	
1	C1R20	2'-0 5/8"x2'-0 5/8"	
1	CX135	2'-8"x3'-5 3/8"	
1	CXW15 L	3'-0 1/2"x5'-0 3/8"	
1	P4050	4'-0 1/2"x5'-0 1/2"	
2	C23	4'-0 1/2"x3'-0 7/16"	
2	CN145 L	1'-9"x4'-5 3/8"	
3	C13 L	2'-0 5/8"x3'-0 1/2"	
4	AR41-3	12'-0 1/2"x1'-5 1/2"	
4	C13 R	2'-0 5/8"x3'-0 1/2"	
4	P3030 T	3'-0 1/2"x3'-0 1/2"	
5	CW35	7'-1 1/8"x5'-0 3/8"	

DOOR SCHEDULE

QTY	ID	Rough Opening	Remarks
1	3080L FR (B.O.)	3'-2 1/2"x8'-2 1/2"	---
1	3080L (B.O.)	3'-2 1/2"x8'-2 1/2"	---
1	3080R (B.O.)	3'-2 1/2"x8'-2 1/2"	---
1	4080 (B.O.)	4'-2 1/2"x8'-2"	---
1	FWH3180 S	3'-1 3/4"x8'-0"	---
1	FWH3180 S	3'-1"x8'-0"	---
1	FWH3180R	3'-1"x8'-0"	---
2	120140 OH Door (B.O.)	12'-0"x14'-0"	---
4	9080 OH Door (B.O.)	9'-0"x8'-0"	---
4	FWH6080 APLR	6'-0"x8'-0"	---

ROOM AREAS SCHEDULE

FLOOR ROOM AREA

First Floor, 002

HOUSE 5,954.01

5,954.01 sq ft

First Floor, 003

GARAGE 2,464.00

2,464.00 sq ft

8,418.01 sq ft

FIRST FLOOR DECK (BY OTHERS)

BUILT-UP 2X
STEEL W/F
TJI's - DEPTH
OTHER
PLYWOOD THICKNESS

FOUNDATION (BY OTHERS)

SLAB

FULL BASEMENT (" ICF)
FULL BASEMENT (" CONCRETE BLOCK)
FULL BASEMENT (SUPERIOR WALL)
GRAVEL SPACE (" POURED)

ENGINEERING REQUIREMENTS

ENGINEERING STAMP REQUIRED ON DRAWINGS
UT STATE

ENERGY CODE IS IECC 2018

ELEVATION OF SITE FT. ABOVE SEA LEVEL

ENGINEER:

DESIGN LOADS - CODE INFORMATION

45 PSF GROUND SNOW LOAD

115 MPH BASIC WIND SPEED

WIND EXPOSURE (A, B, C OR D)	CODE IRC 2015
D	
SEISMIC ZONE (A, B, C, D1, D2 OR E)	
-	
FIRE RATINGS	

MATERIALS BY BUILDER TO COMPLETE PACKAGE ASSEMBLY

- 30 LB. FELT 10" WIDE (BETWEEN SHAKE LAYERS) ON ROOFS
- 6 MIL POLY VAPOR BARRIER (OVER INTERIOR FINISH)
- THE USE OF AN AIR BARRIER (SUCH AS TYVEK OR TYFAR) AS PART OF THE TIMBERPEG BUILT-UP WALL SYSTEM IS OPTIONAL AND SHOULD BE USED AT THE DISCRETION OF THE BUILDER AND LOCALLY ACCEPTED BUILDING PRACTICE
- FLASHING FOR DOORS, WINDOWS (IF REQUIRED)
- STEP FLASHING, CRICKET, AND VALLEY FLASHING AT CHIMNEYS
- CAULKING (CLEAR SILICONE RECOMMENDED FOR DOORS AND WINDOWS)
- ALL WINDOW AND DOOR EXTENSION JAMBS
- FOAM POLYURETHANE AT INSULATION JOINTS
- FLASHING AT ROOF TO ADJACENT SIDE WALLS
- IF 1x8 PINE AT INTERIOR WALLS IS TO BE DELETED FROM PACKAGE, BUILDER SHALL SUPPLY AND INSTALL 1/2" SHEETROCK (BLUEBOARD) AND 1/2" PLYWOOD BAKER BOARD FOR INTERIOR WALL FINISH.

WORK BY BUILDER - IN ADDITION TO PACKAGE ASSEMBLY

- FRAMING OF FIRST FLOOR AND ALL OTHER WORK SHOWN ON DRAWINGS AS "BY OTHERS" OR (B.O.)
- SITE WORK, CONCRETE WORK, MASONRY WORK, EXTERIOR DECKS AND STEPS, ALL INTERIOR STUD PARTITIONS AND FINISHES, INTERIOR MILLWORK INCLUDING ALL INTERIOR DOORS AND TRIM, PAINTING AND STAINING, PLUMBING, ELECTRICAL, HEATING AND AIR CONDITIONING
- COORDINATION AND INSTALLATION OF ALL UTILITIES (SEWER, WATER, ELECTRIC, AND TELEPHONE)
- CONSTRUCTION OF CRICKET ROOFS WHEN REQUIRED BETWEEN TIMBER FRAMES, INCLUDING INSULATION, VAPOR BARRIERS, AND ROOF VENTS AT CRICKET ROOFS
- CONVENTIONAL FRAMING AT RECESSED ENTRIES, OVERHANGS OR PORCHES.
- OBTAIN PERMITS AND LOCAL APPROVALS.

DIMENSIONS / DETAILS BY BUILDER

- WORK NOTED "BY OTHERS" OR (B.O.) SHALL BE COORDINATED AND DETAILED BY THE BUILDER
- FINAL DIMENSIONS OF INTERIOR LAYOUT SHALL BE DETERMINED BY BUILDER IN ACCORDANCE WITH OWNER'S FINAL SELECTION OF INTERIOR FINISHES, REVIEW WINDOW AND SKYLIGHT LOCATIONS.
- DO NOT SCALE DRAWINGS
- BUILDER SHALL MAKE ALL NECESSARY ADJUSTMENTS TO ACCOMMODATE CABINETS, COUNTERS, APPLIANCES, SHELVING, FLOOR FINISHES, PLUMBING AND ELECTRICAL FIXTURES.
- FLOOR TO FLOOR HEIGHT IS MEASURED FROM TOP OF SUBFLOOR (PLYWOOD) AT FIRST FLOOR TO TOP OF FLOOR JOISTS AT SECOND FLOOR.
- NOTE THAT STAIR RISER AND TREAD DIMENSIONS MUST BE CALCULATED AT THE SITE TO ACCOMMODATE THE OWNER'S FINAL SELECTION OF FIRST AND SECOND FLOOR FINISHES.
- FINAL LOCATION OF ALL INTERIOR PARTITIONS TO BE DETERMINED @ SITE
- ALL EXTERIOR DECKS, STEPS, RAILS AND SUPPORTS ARE BY OTHERS (B.O.) AND SHOULD MEET STATE AND LOCAL CODES.
- LOCATION AND ENGINEERING OF ANY RETAINING WALLS IS BY OTHERS (B.O.)
- ANY CONSTRUCTION BY OTHERS NOTED AS TO BE VERIFIED (T.B.V.) IS TO BE VERIFIED FOR ACCURACY BY THE OWNER AND/OR BUILDER
- THE STAIR RISER AND TREAD DIMENSIONS ARE CALCULATED FROM THE TOP OF THE PLYWOOD DECK TO THE TOP OF THE SECOND FLOOR 2x8 DECKING OR TOP OF SLEEPER FLOOR PLYWOOD. BUILDER TO ADJUST FOR FLOOR FINISHED AS NEEDED.
- FIREPLACE AND/OR WOODSTOVE INSTALLATION IS TO COMPLY WITH ALL LOCAL, STATE AND NATIONAL FIRE SAFETY CODES AND REGULATIONS.
- RELOCATION OF EXISTING MILLWORK, AND INSTALLATION OF FILL FRAMING TO BE SPECIFIED LOCALLY.
- ALL DOORS, WALLS AND CEILINGS BETWEEN TH EBARAGE AND LIVING SPACES ARE TO MEET ALL FIRE AND SAFETY CODE REGULATIONS.

LEGEND

(B.O.) = INDICATES "BY OTHERS"

(T.B.V.) = TO BE VERIFIED "BY OTHERS"

BUILDING SECTION

SHEET# 1 (A301) 2 (A301)

WALL SECTION

SHEET# 1 (A301)

ENLARGED DETAIL

DETAIL# 1 (A301)

ELEVATION HEIGHT MARKER

110'-0"

OPEN AREA ABOVE

HEADROOM LINES

TIMBERFRAME OUTLINE

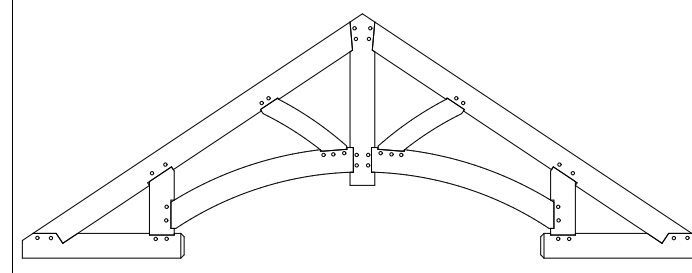
TIMBERFRAME POSTING

WRAP and STRAP WALL

STRUCTURAL INSULATED PANEL WALL

CONVENTIONAL WALL (B.O.)

110 VOLT HARD-WIRED SMOKE DETECTOR WITH BATTERY BACK-UP, INTERCONNECTED



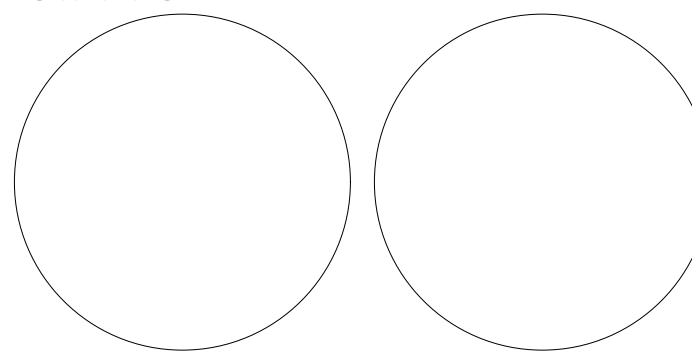
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SHEET TITLE:

Spec Sheet

G-002

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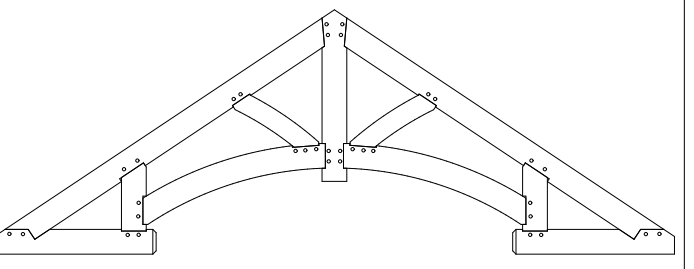
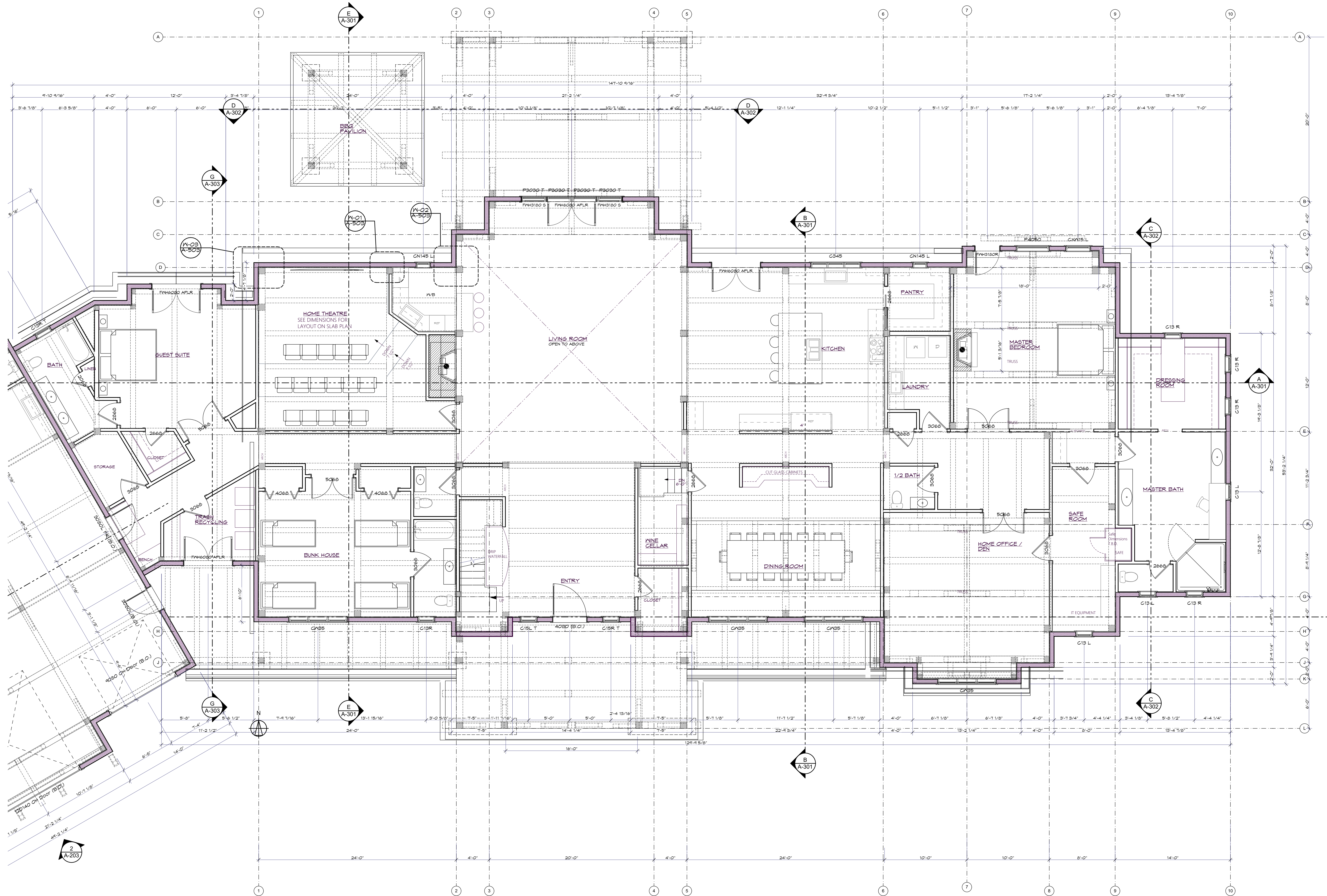
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DATE 8/06/2021 SIGNATURE

NOTES

CATALOG PLAN



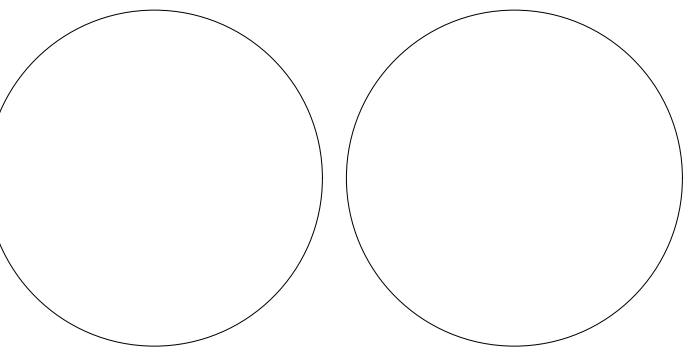
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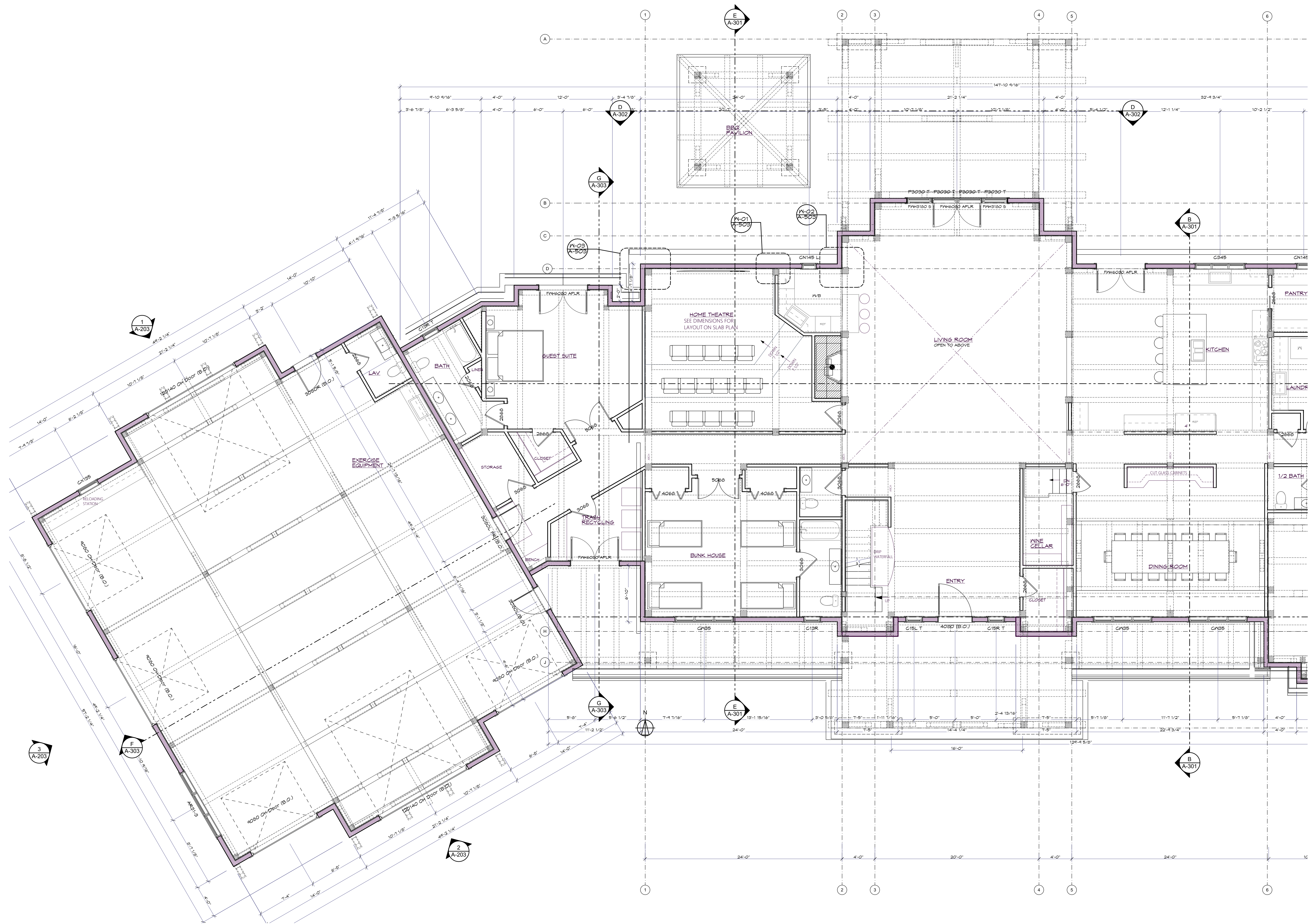
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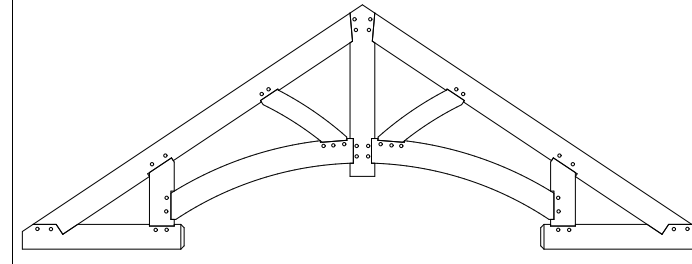
SHEET TITLE:

First Floor Plan

A-103



First Floor Plan
SCALE: 3/16" = 1'-0"



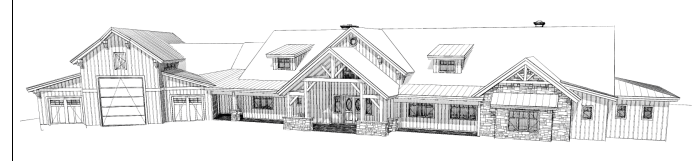
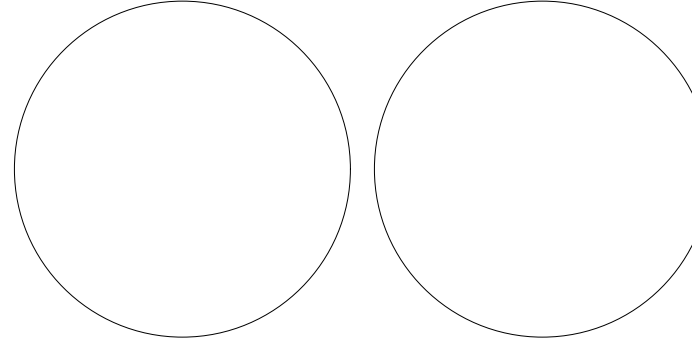
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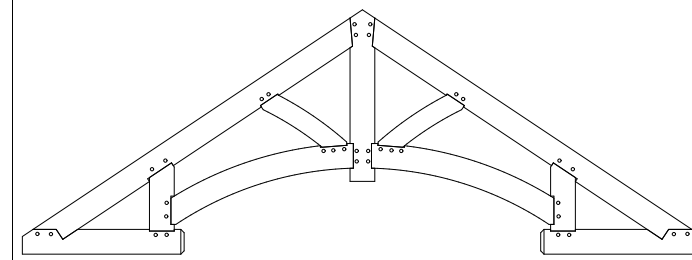
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SHEET TITLE:

First Floor Plan
2

A-104



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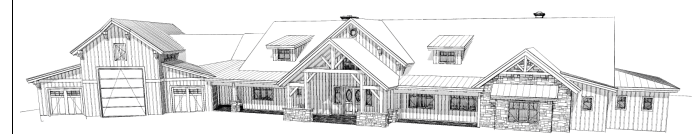
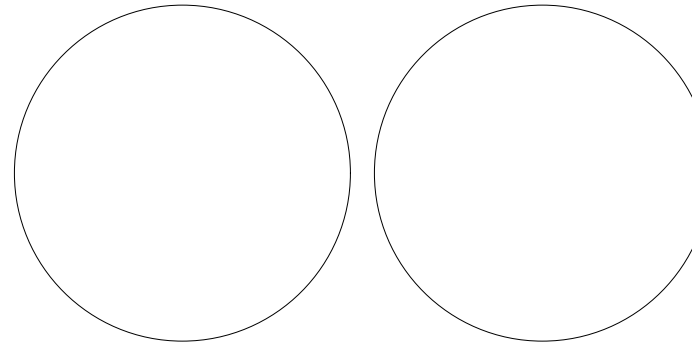
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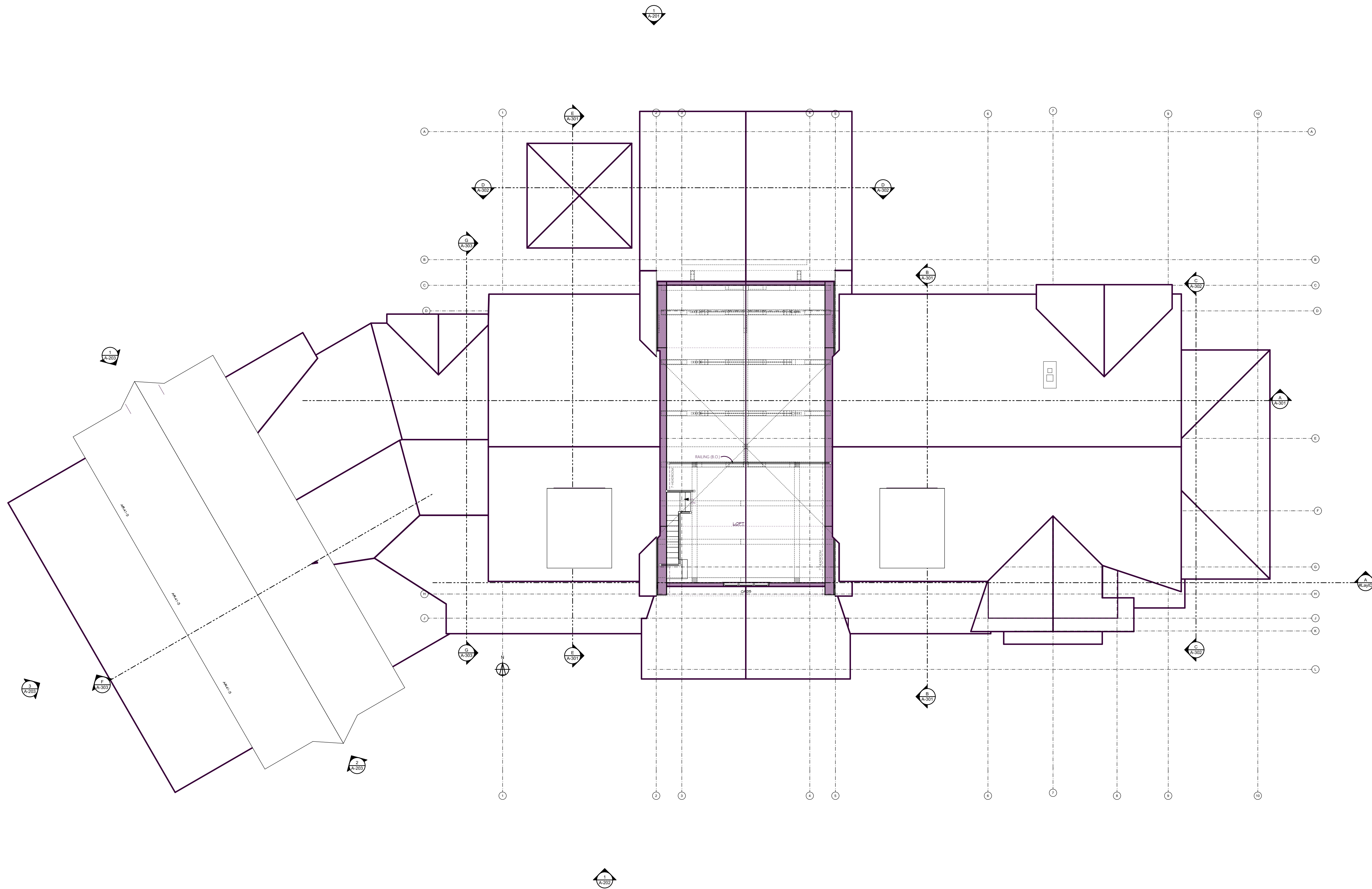
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SHEET TITLE:

Loft Floor Plan

A-105



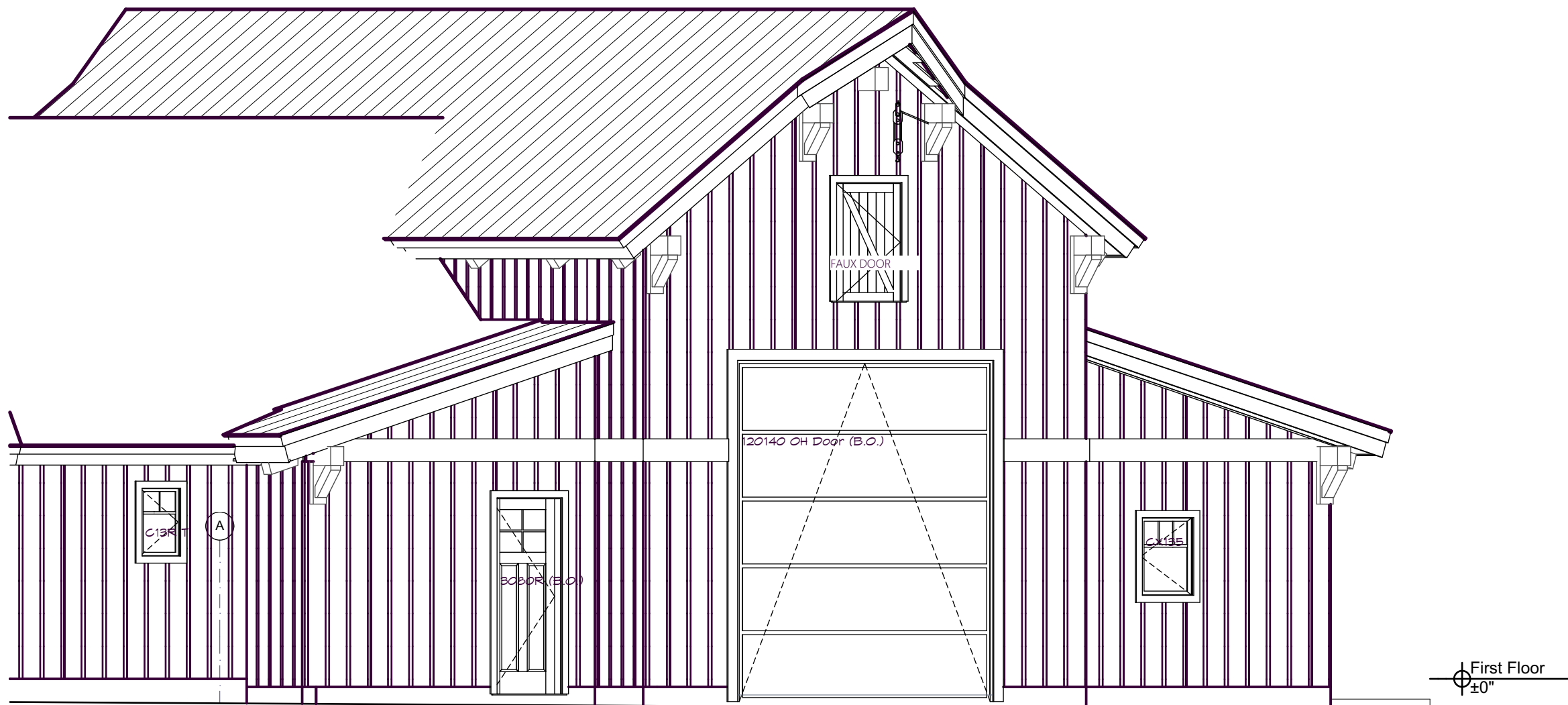
Loft Plan

SCALE: 1/8" = 1'-0"



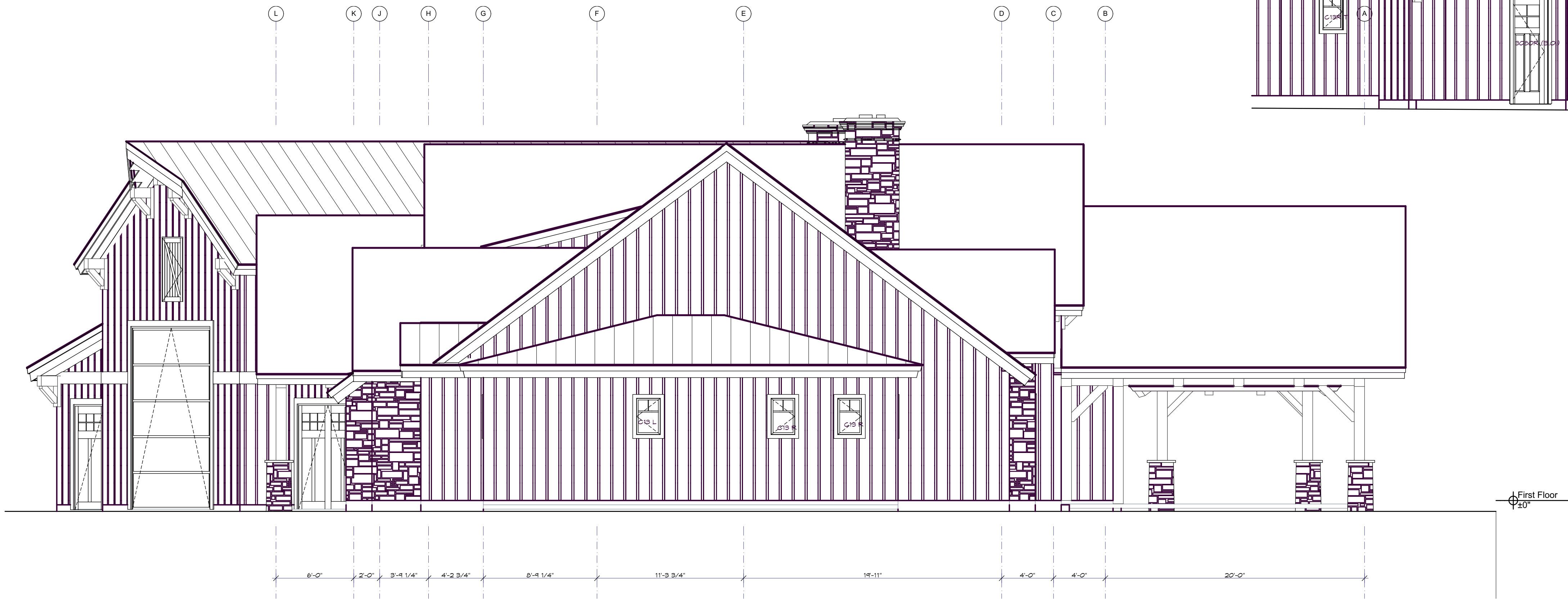
North Elevation

SCALE: 3/16" = 1'-0"



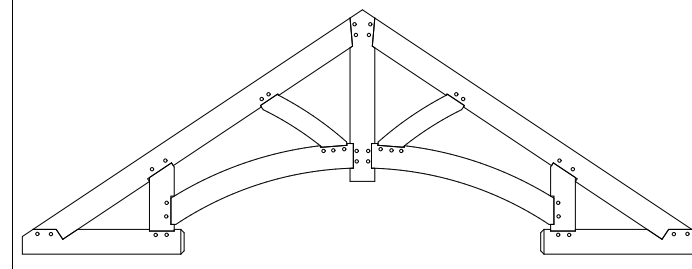
North Elevation

SCALE: 3/16" = 1'-0"



East Elevation

SCALE: 3/16" = 1'-0"



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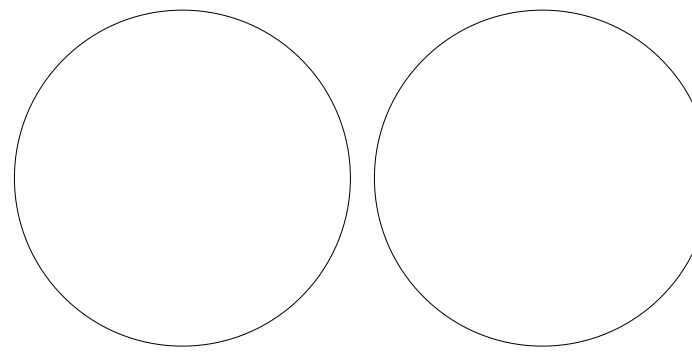
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MEMBER



CONSULTANTS:

STAMPS:



WS RANCH

Johnson Canyon Rd
Kanab UT 84741

NO.	DATE	DESCRIPTION	BY
4	07.27.21	Construction-Rev D	Cbr
3	06.26.21	Rev C	Cbr
2	06.21.21	Rev B	Cbr
1	05.25.21	Rev A	Cbr
0	05.16.21	Preliminary	Cbr

PROJECT NO: T-01564

PROJECT NAME: WS RANCH

DEALER/RM: Marty Borges/Mike Pollari

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SHEET TITLE:

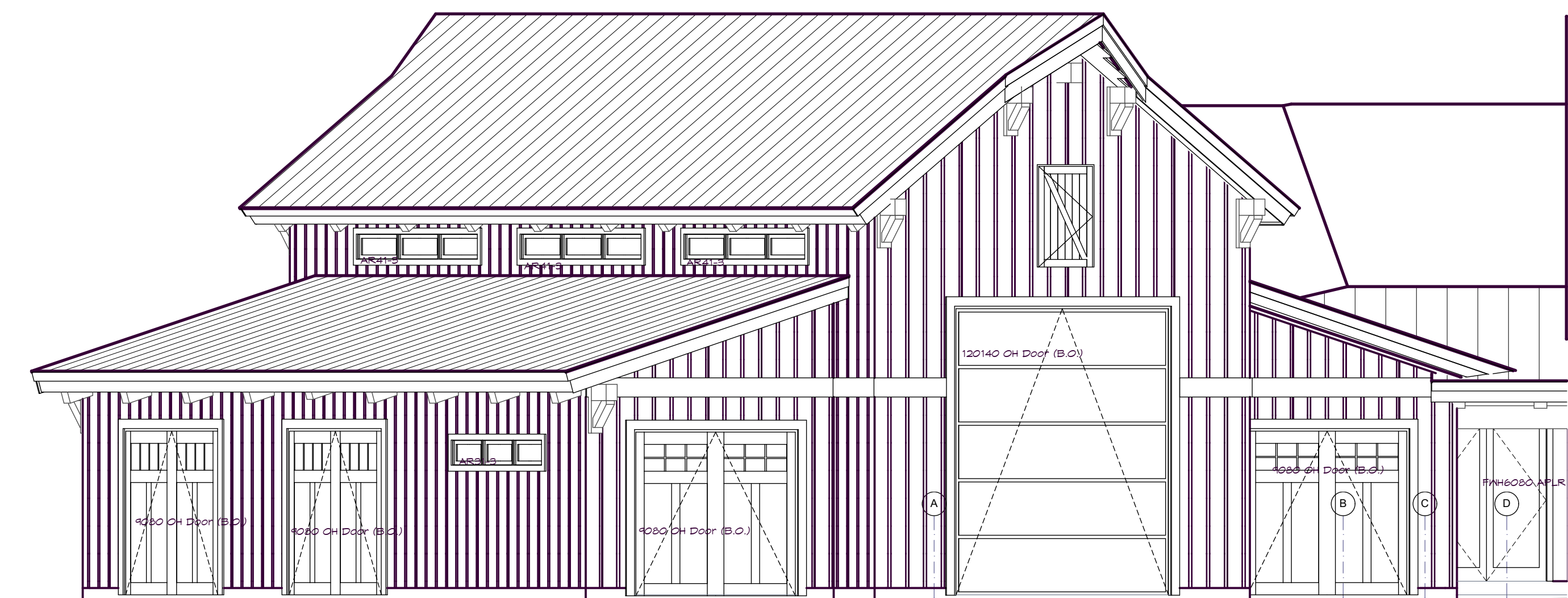
Exterior
Elevations

A-201



South Elevation

SCALE: 3/16" = 1'-0"



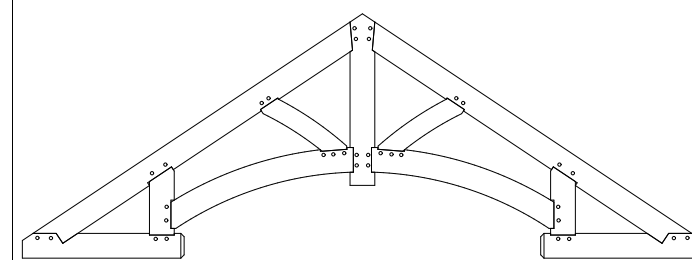
South Elevation

SCALE: 3/16" = 1'-0"



West Elevation

SCALE: 3/16" = 1'-0"



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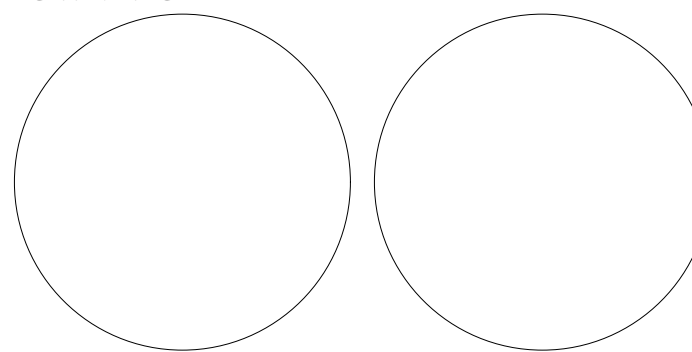
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PROJECT NO: T-01564

PROJECT NAME: WS RANCH

DEALER/RM: Marty Borges/Mike Pollari

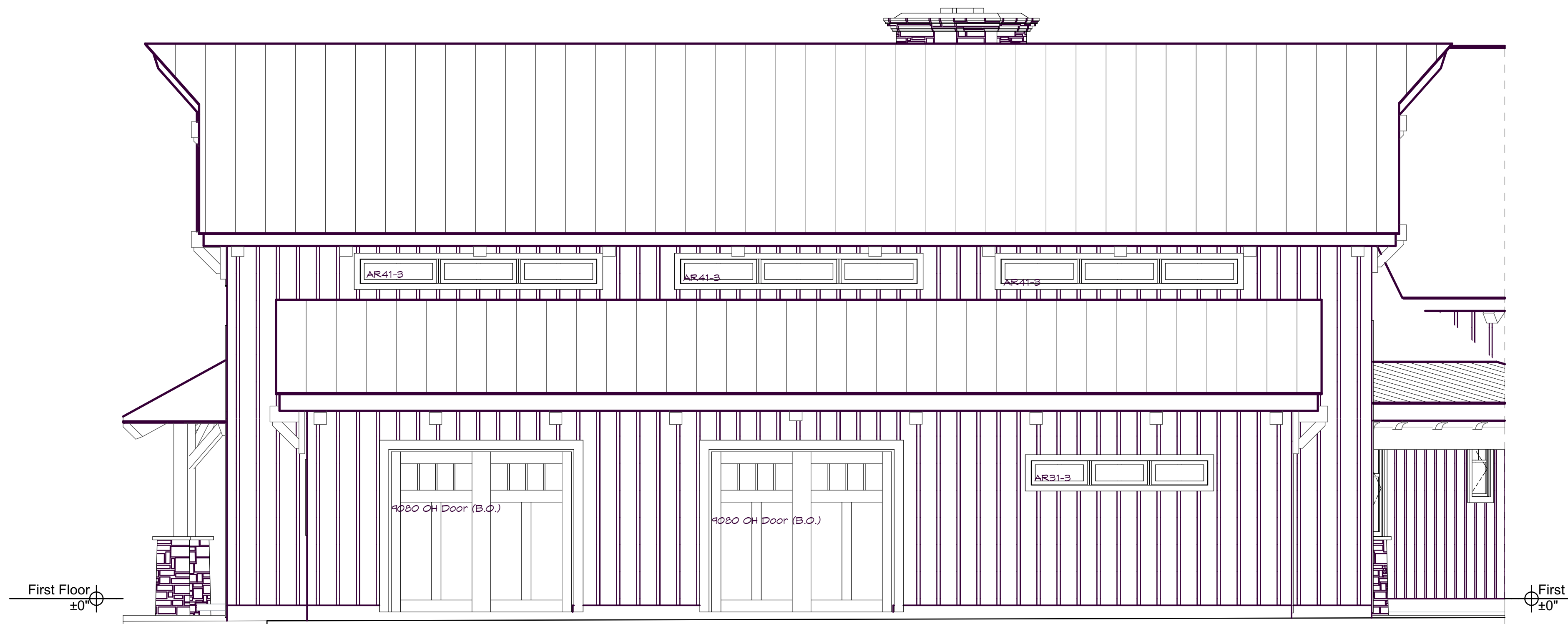
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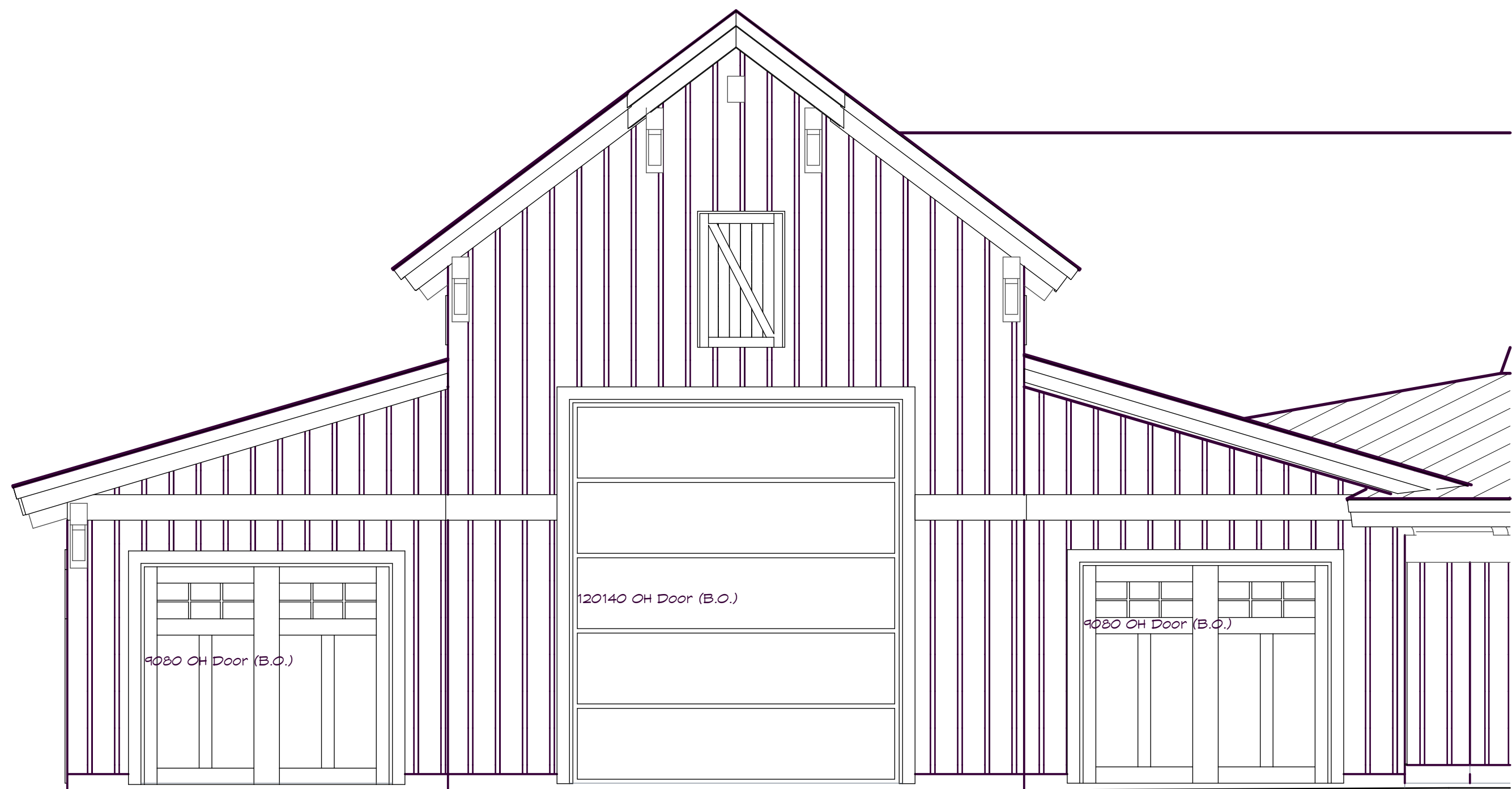
Exterior
Elevations

A-202



SW Elevation South Elevation

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



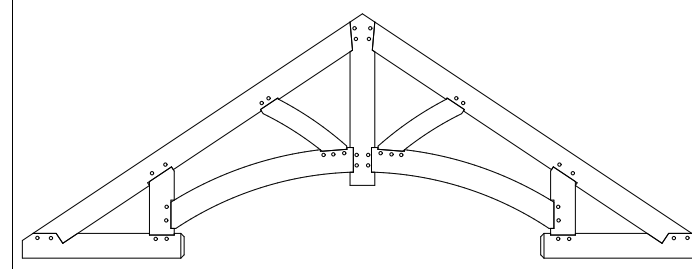
SE Elevation South Elevation

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



NW Elevation South Elevation

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



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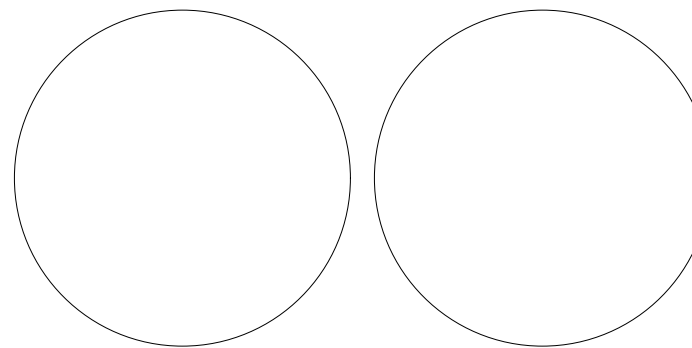
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PROJECT NO: T-01564

PROJECT NAME: WS RANCH

DEALER/RM: Marty Borges/Mike Pollari

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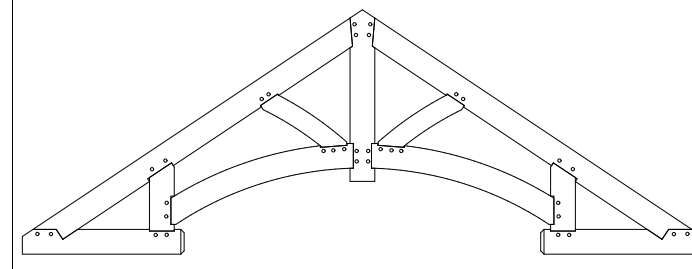
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SHEET TITLE:

Exterior
Elevations

A-203



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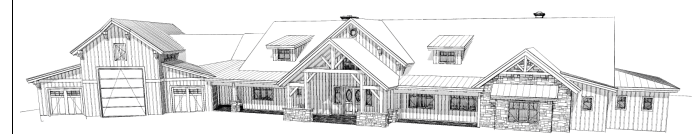
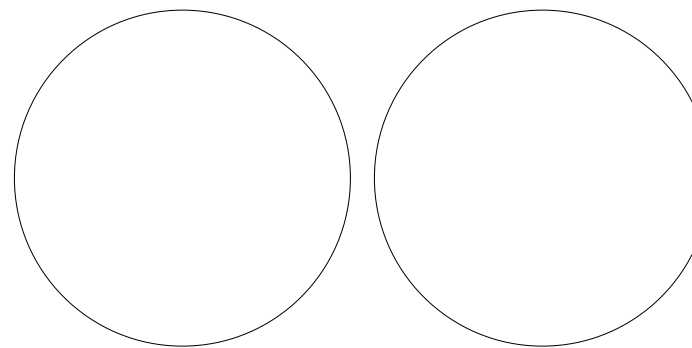
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PROJECT NO: T-01564

PROJECT NAME: WS RANCH

DEALER/RM: Marty Borges/Mike Pollari

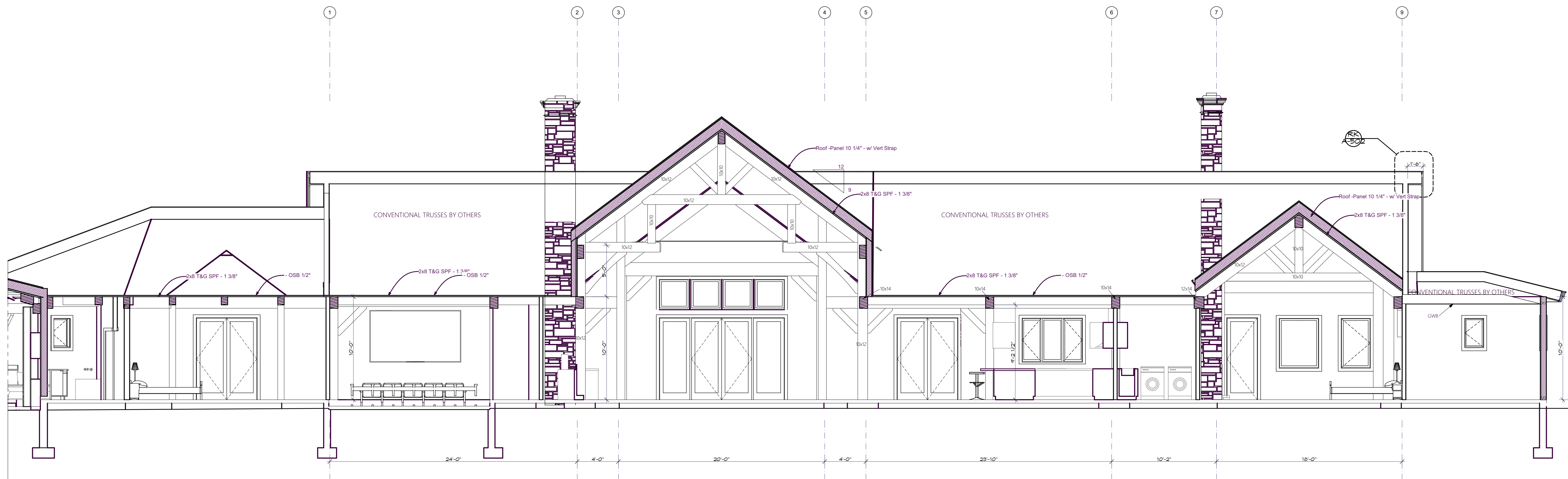
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SHEET TITLE:

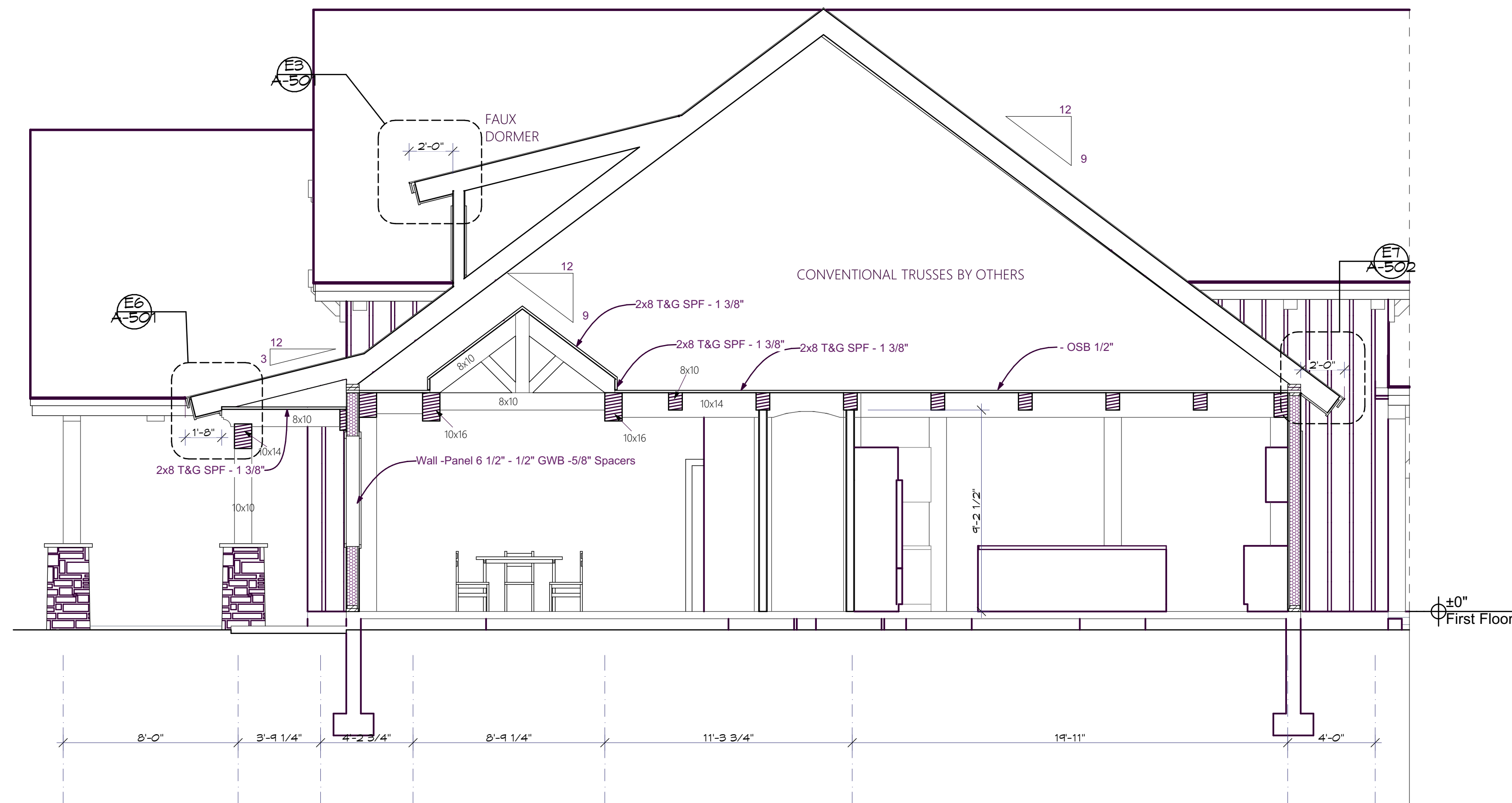
Building
Sections

A-301



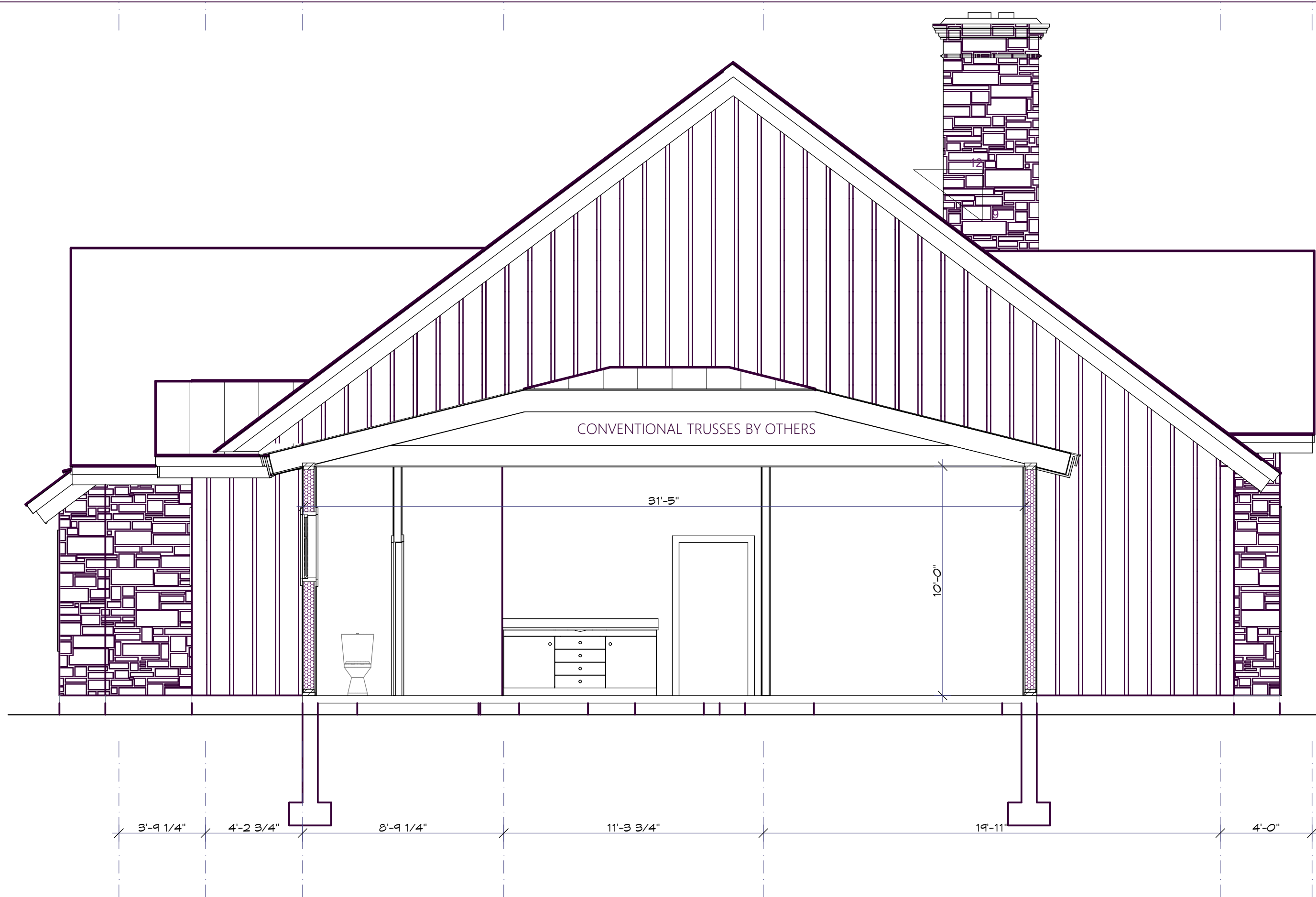
A Building Section

SCALE: 3/16" = 1'-0"



B Building Section

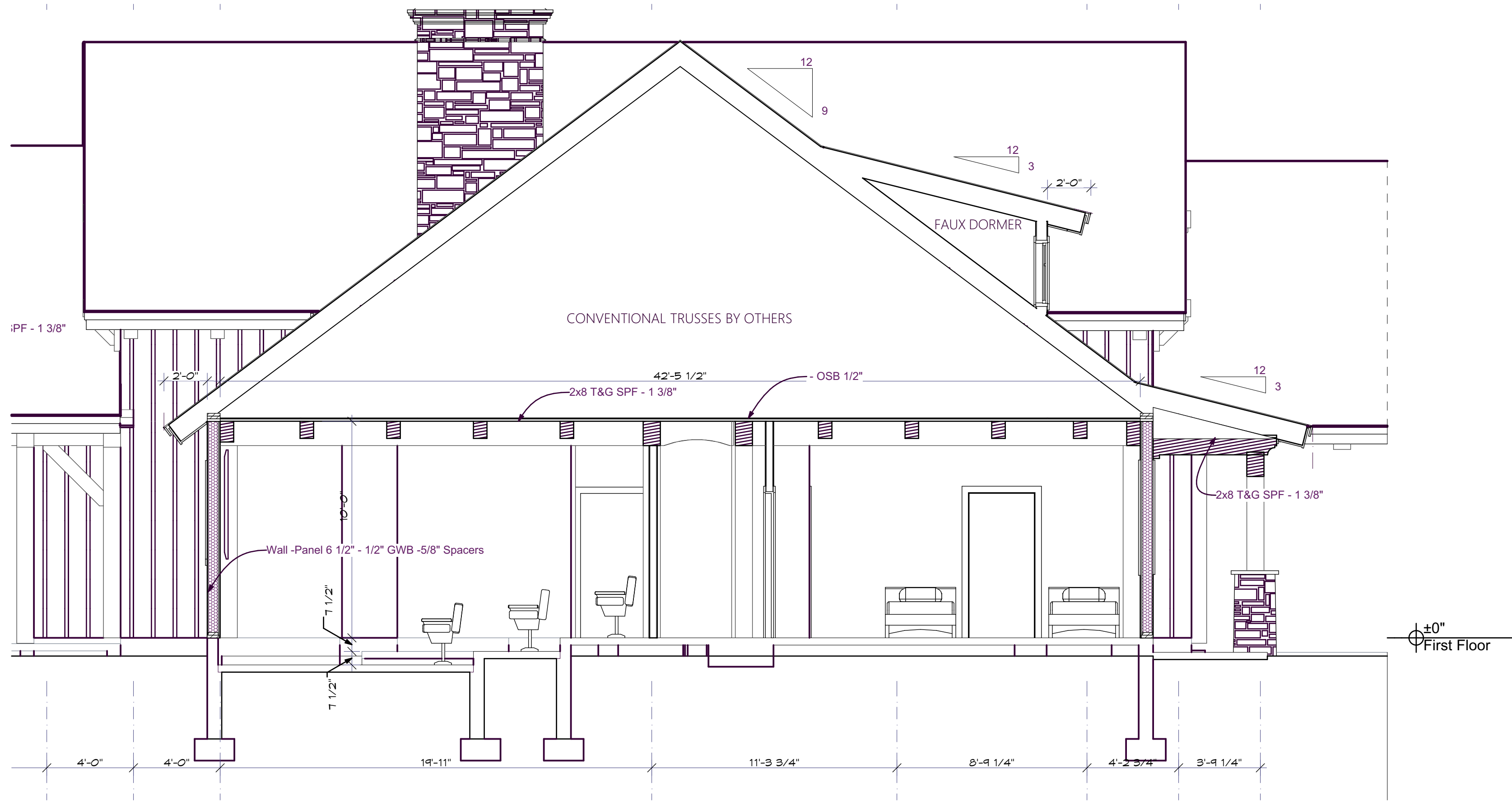
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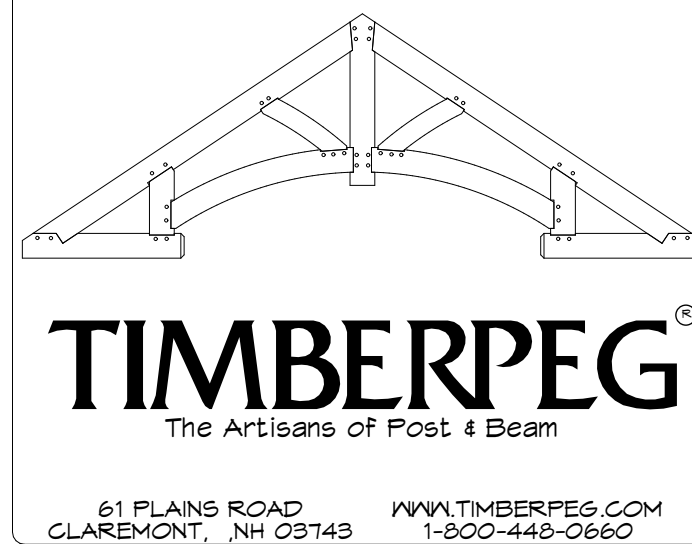
C Building Section
SCALE: 1/4" = 1'-0"



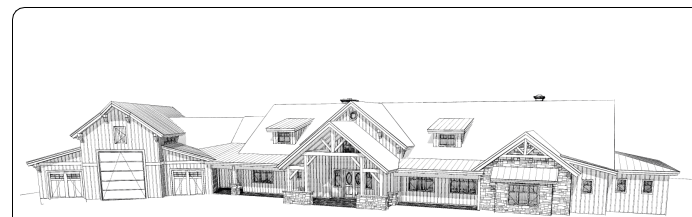
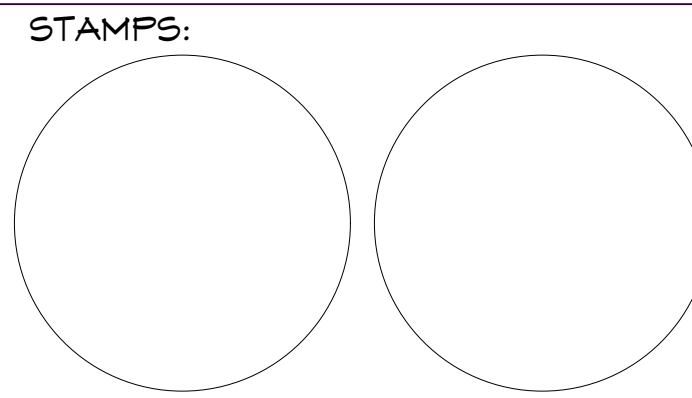
D Building Section
SCALE: 1/4" = 1'-0"



E Building Section
SCALE: 1/4" = 1'-0"



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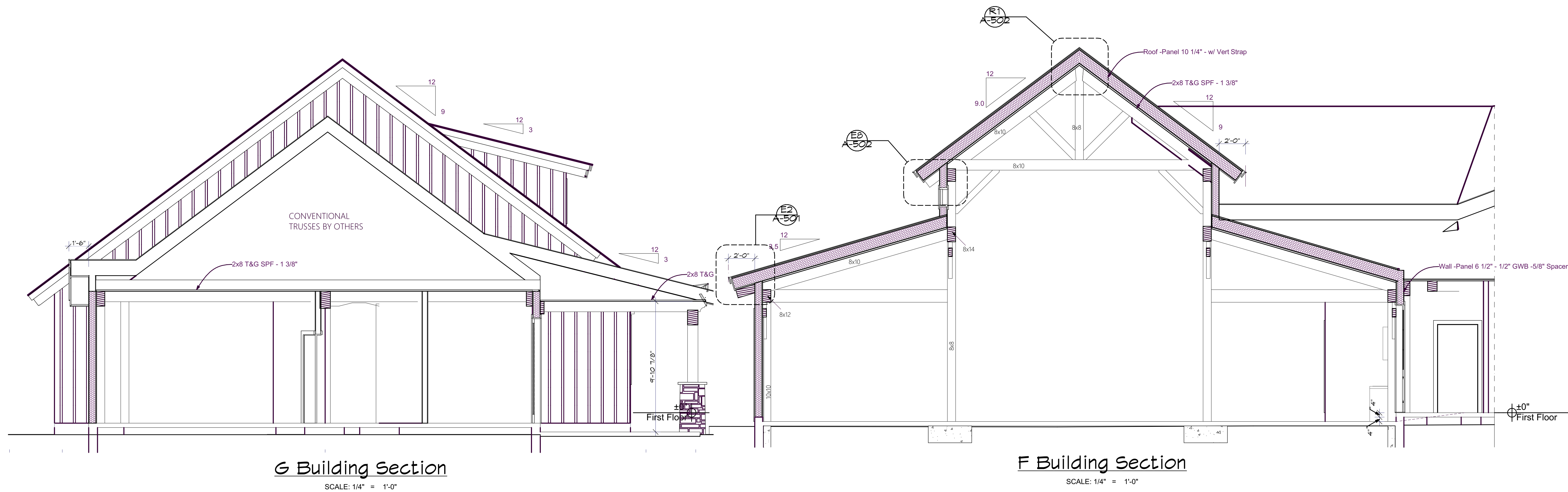
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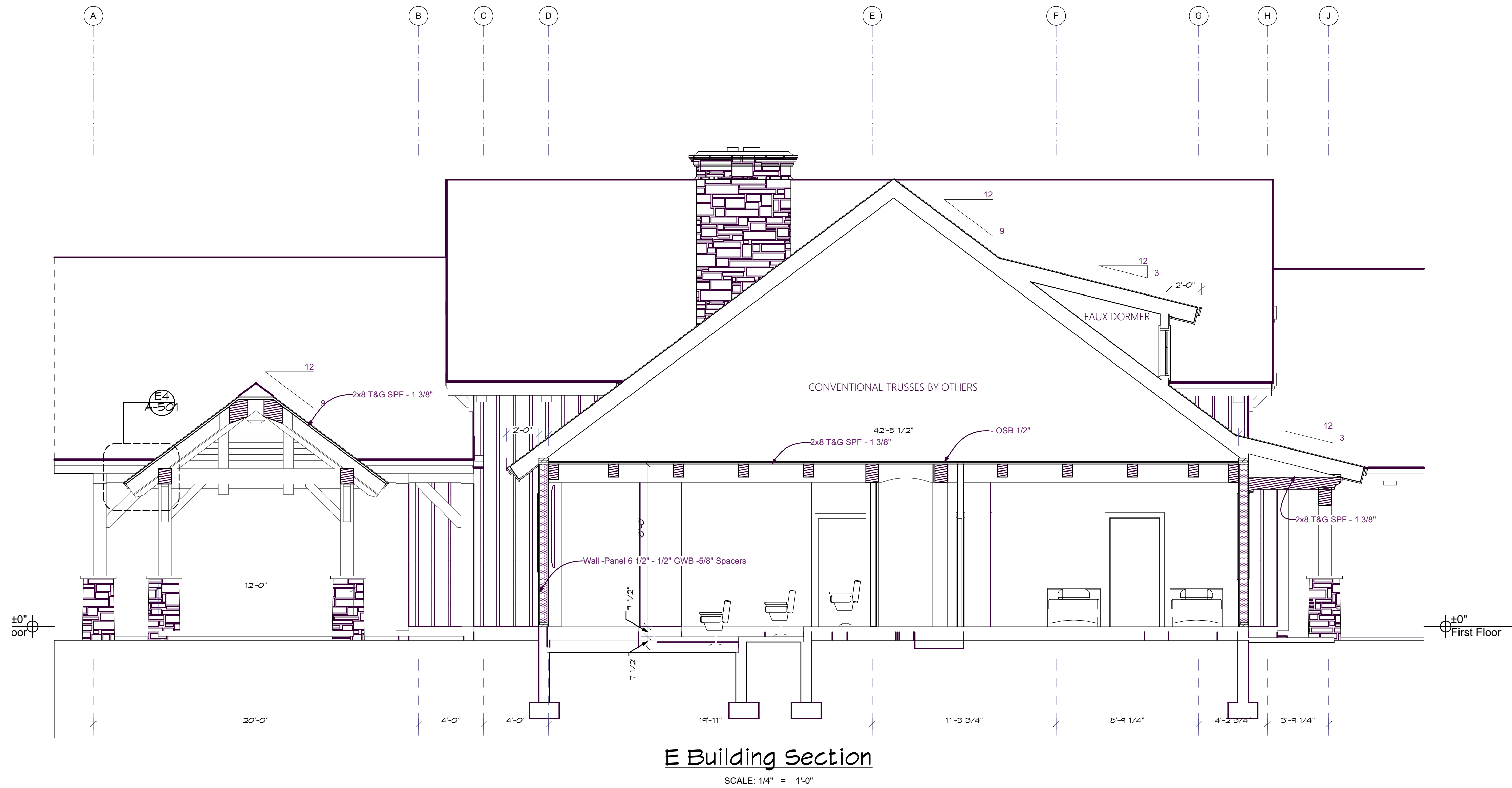
Building
Sections

A-302

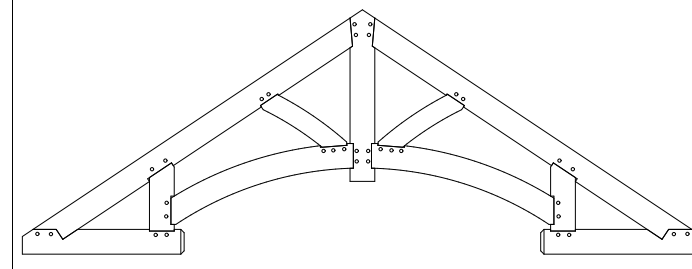


G Building Section
SCALE: 1/4" = 1'-0"

F Building Section
SCALE: 1/4" = 1'-0"



E Building Section
SCALE: 1/4" = 1'-0"



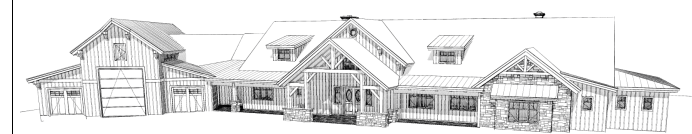
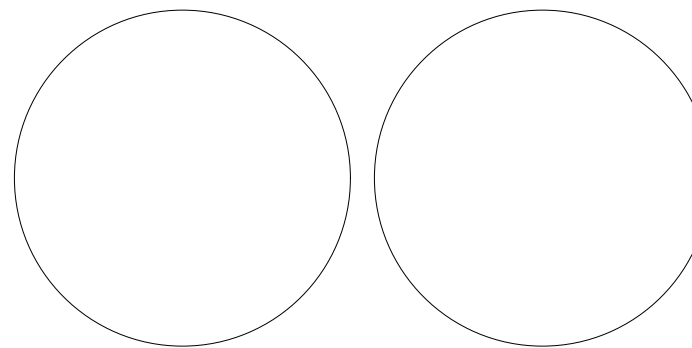
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PROJECT NO: T-01564

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DEALER/RM: Marty Borges/Mike Pollari

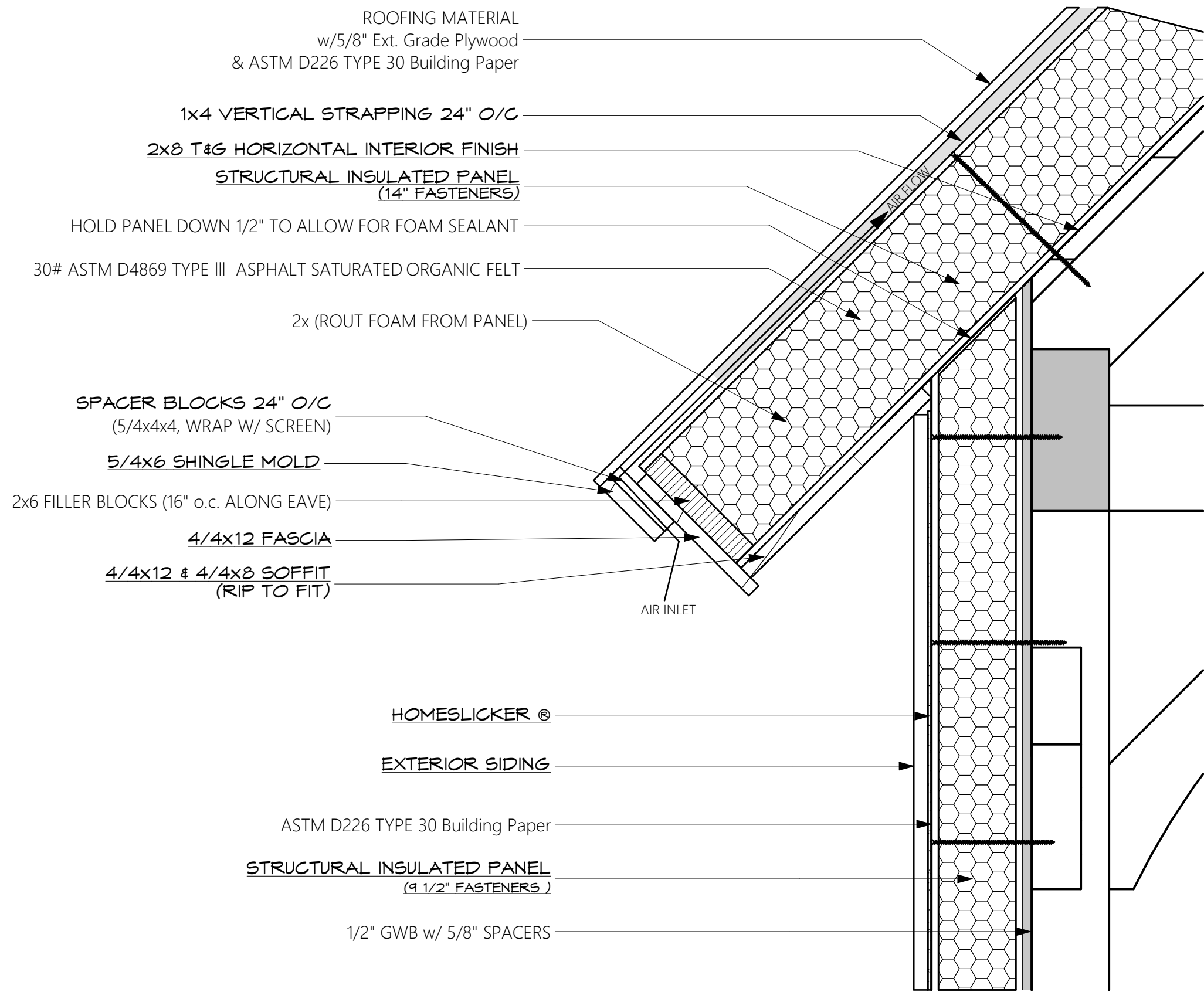
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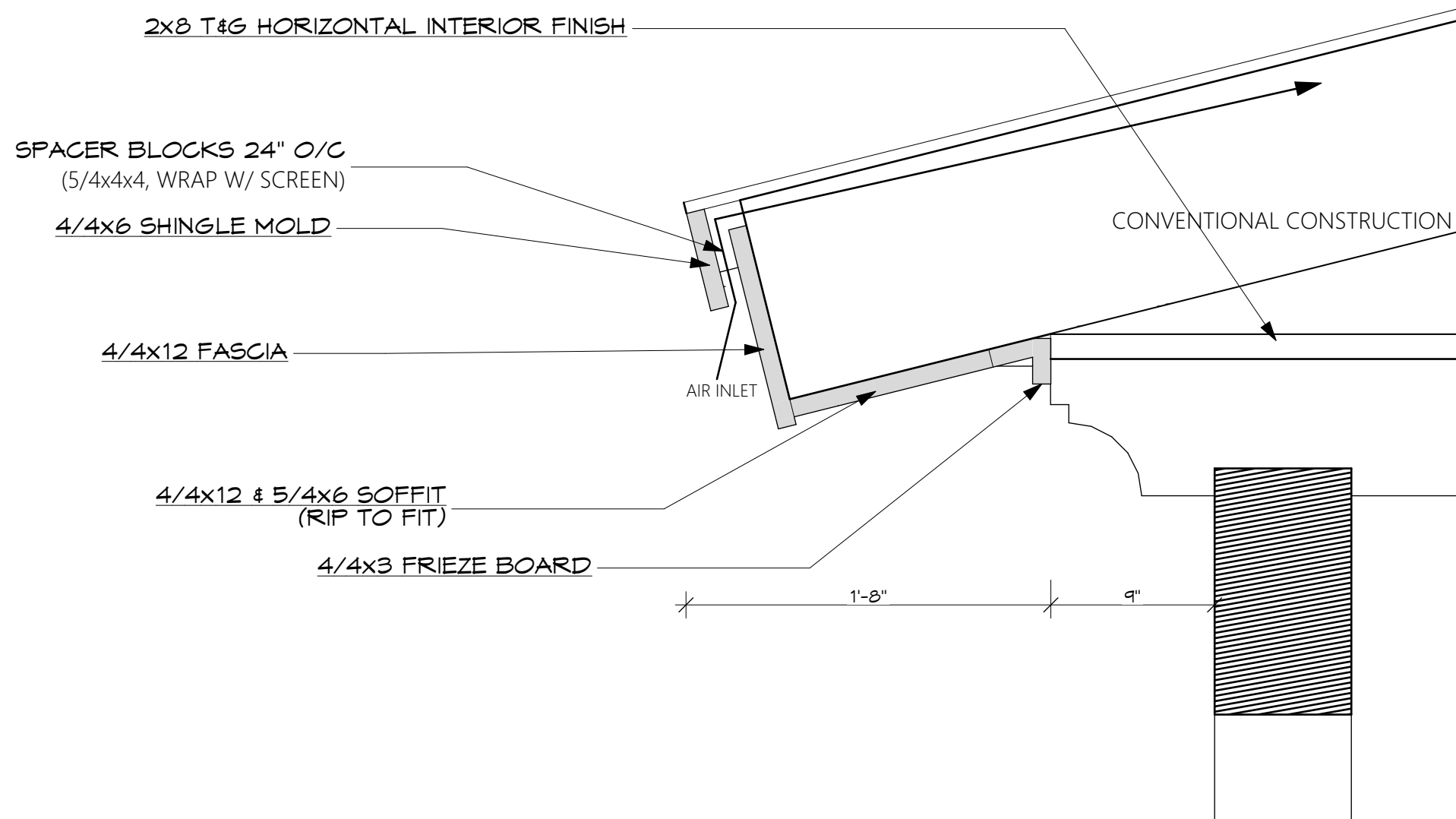
**Building
Sections**

A-303



E1 Eave Details

SCALE: 1 1/2"= 1'-0"



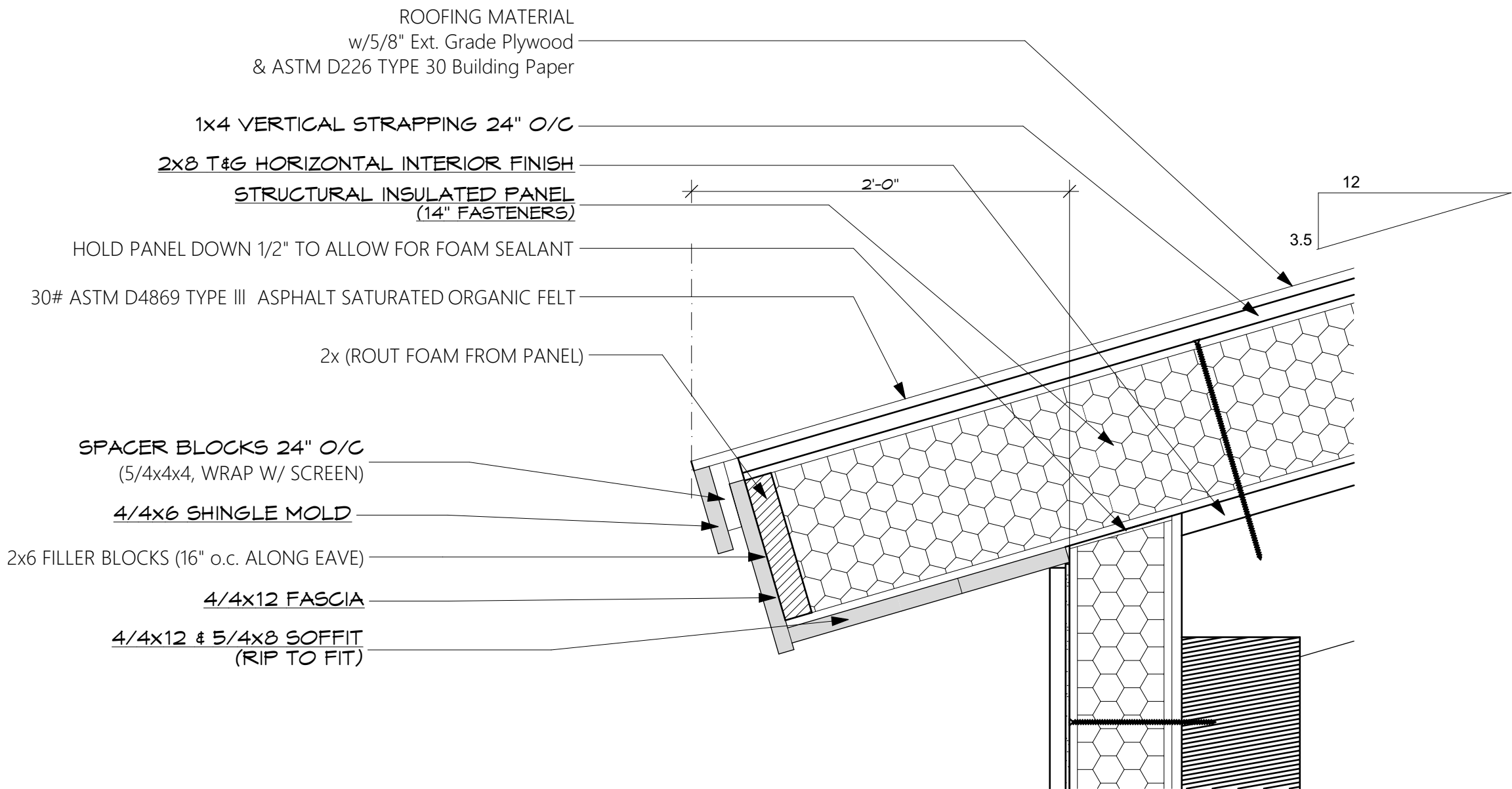
E6 Front Side Porch

SCALE: 1 1/2"= 1'-0"

REFER TO FOARD BUILDING SYSTEMS MANUAL
FOR PANEL INSTALLATION GUIDELINES

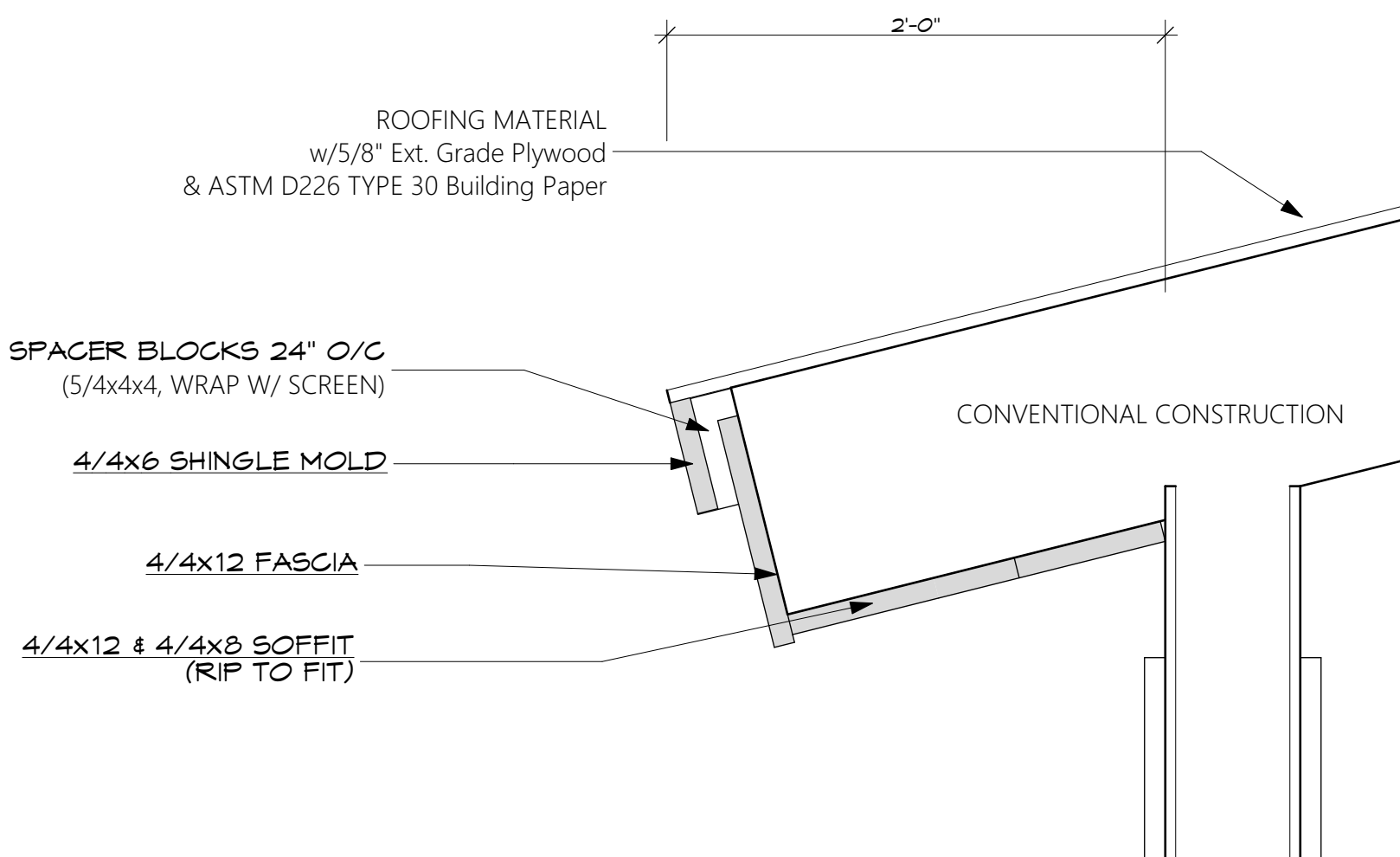
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- ITALIC TEXT INDICATES TIMBERPEG PACKAGE ITEMS
- STANDARD TEXT INDICATES MATERIAL OR WORK BY OTHERS
- FOR FOUNDATION & FIRST FLOOR DECK SEE DRWG "S-101"
- REFER TO NAILING SCHEDULE DRWG "S-002"
- NON-HARDENING SILICONE LATEX CAULK RECOMMENDED



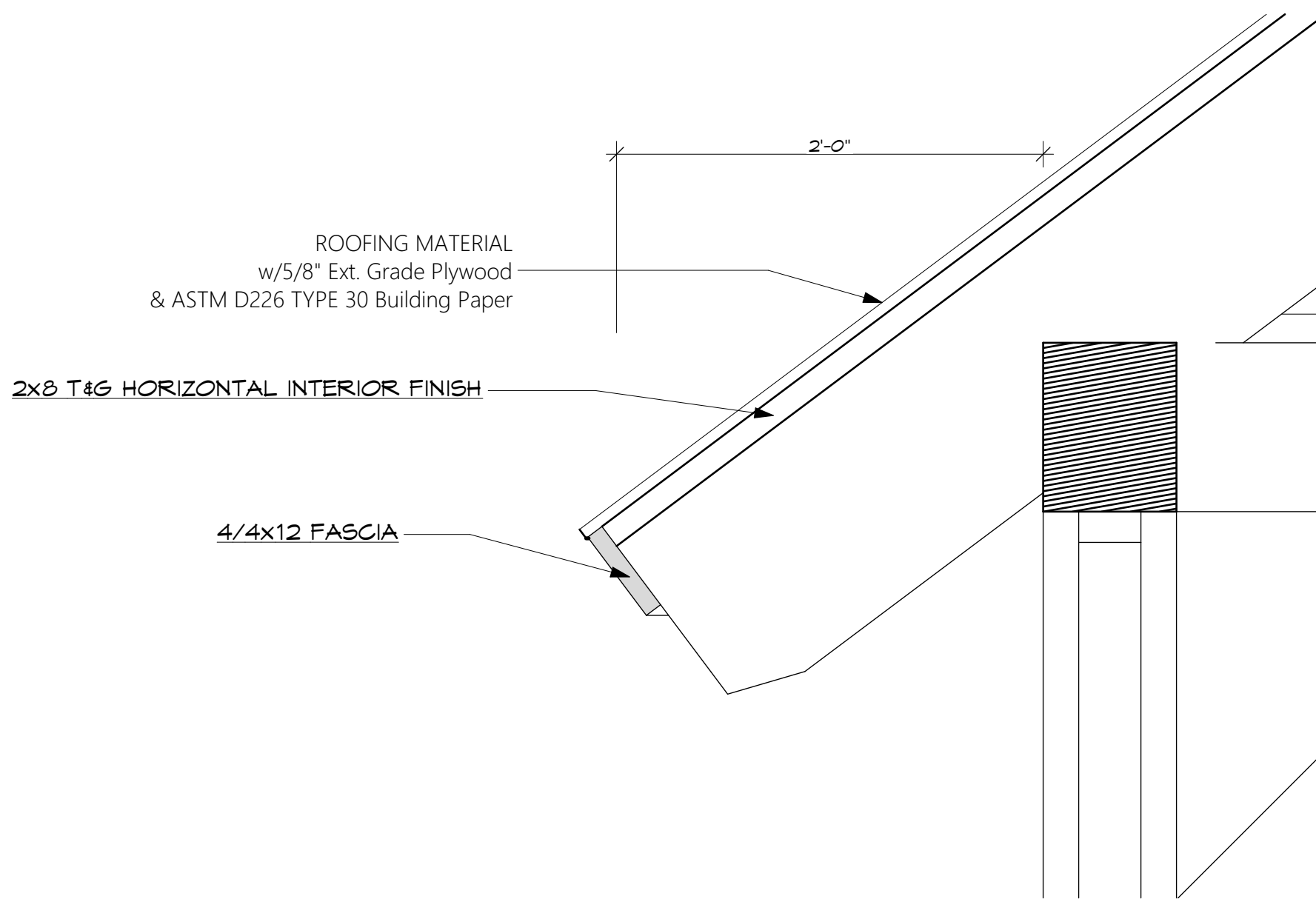
E2 Garage Shed

SCALE: 1 1/2"= 1'-0"



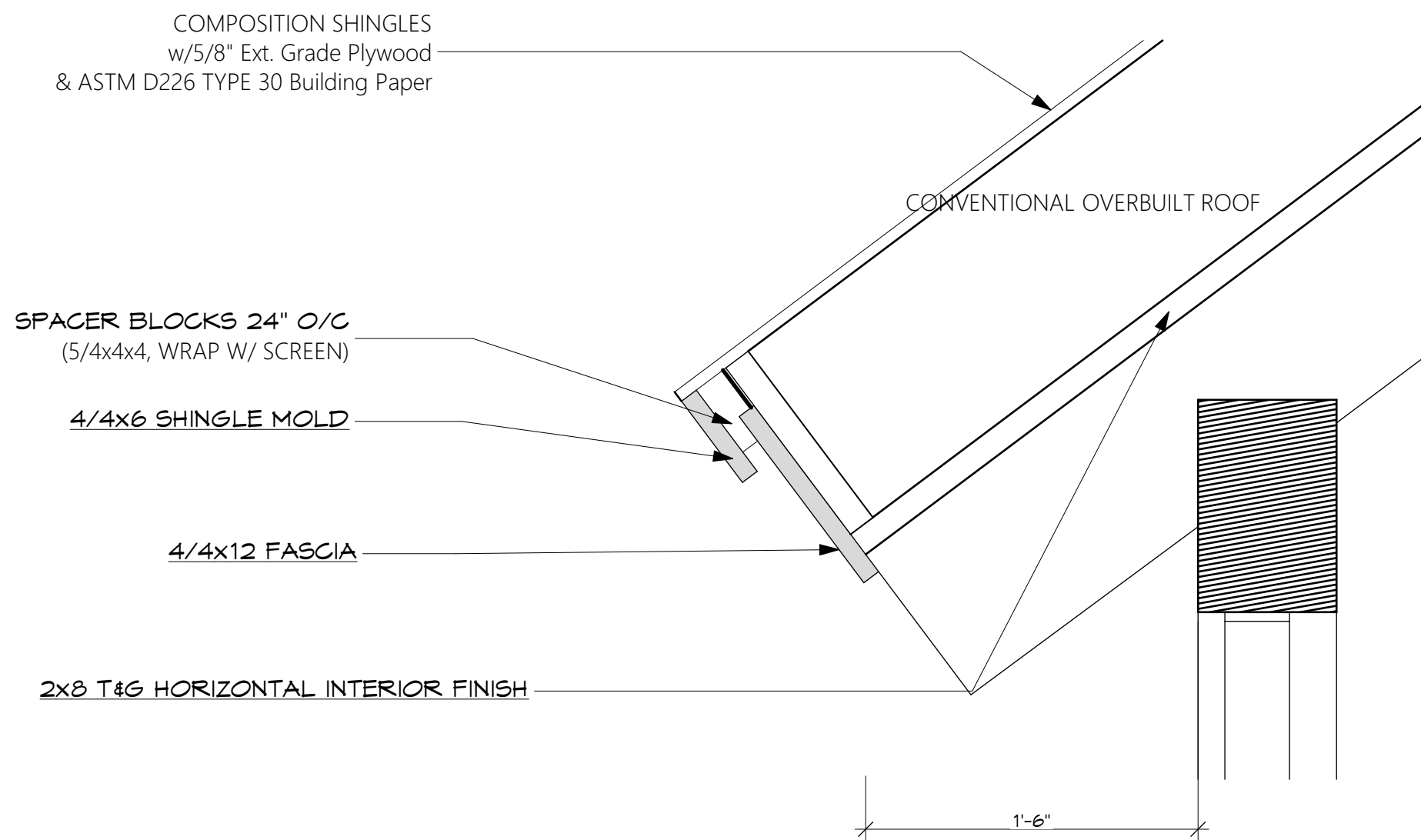
E3 Faux Dormer

SCALE: 1 1/2"= 1'-0"



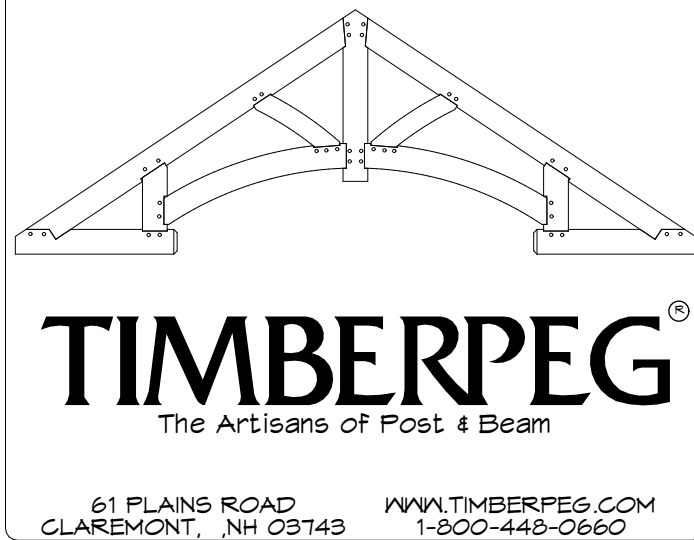
E4 Pavilion

SCALE: 1 1/2"= 1'-0"



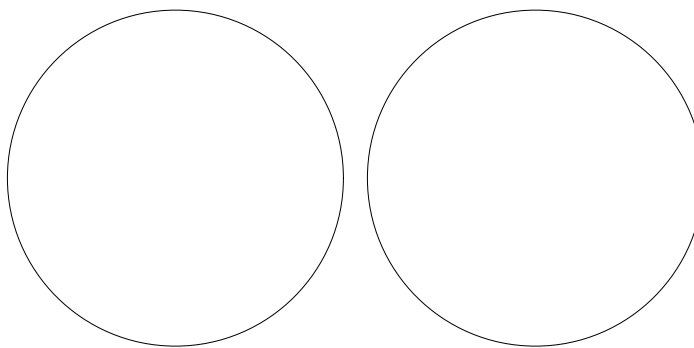
E5 Rear Cov. Porch

SCALE: 1 1/2"= 1'-0"



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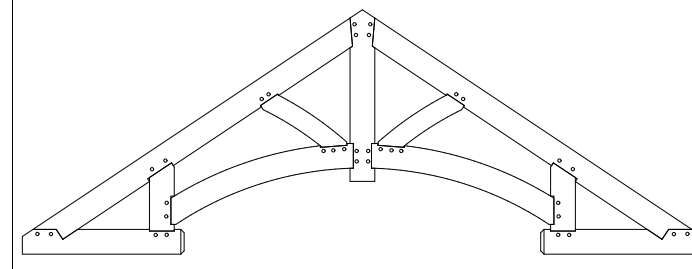
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SHEET TITLE:

Roof Details

A-501



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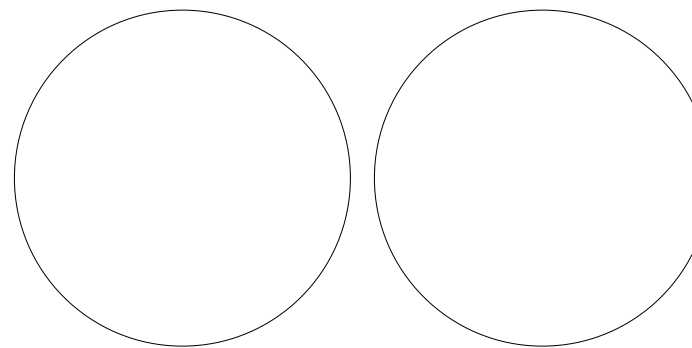
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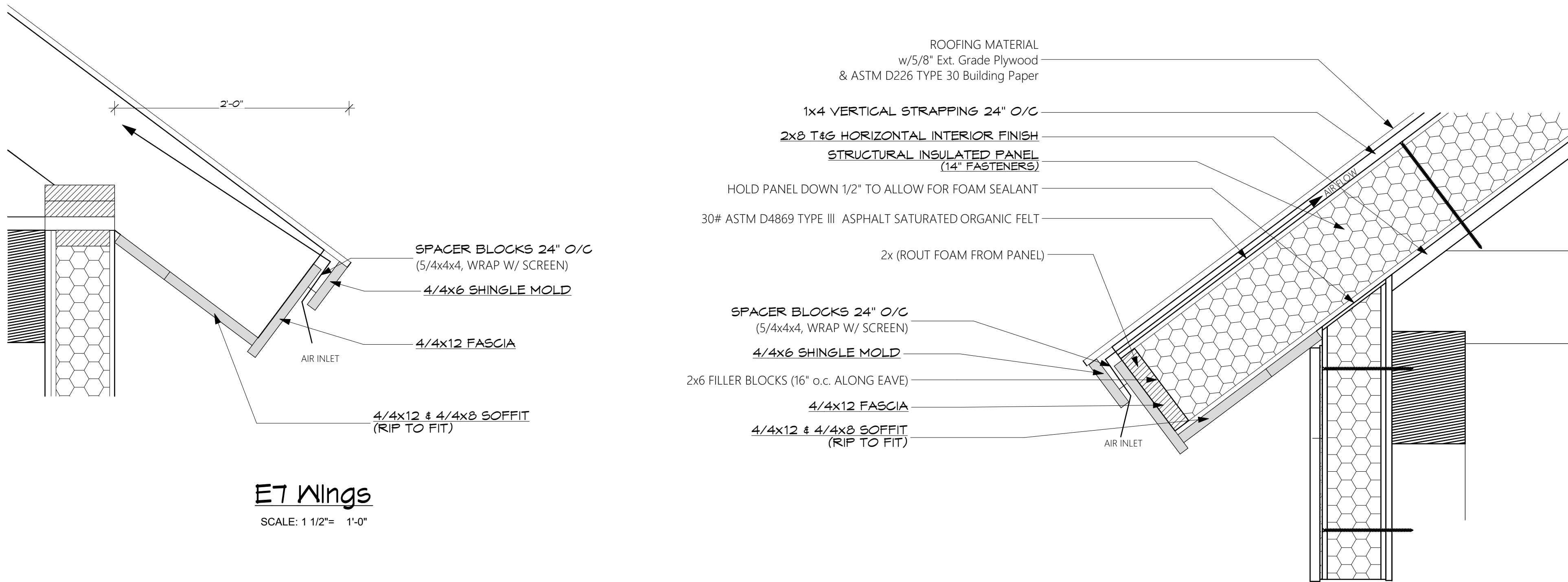
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SHEET TITLE:

Roof Details

A-502

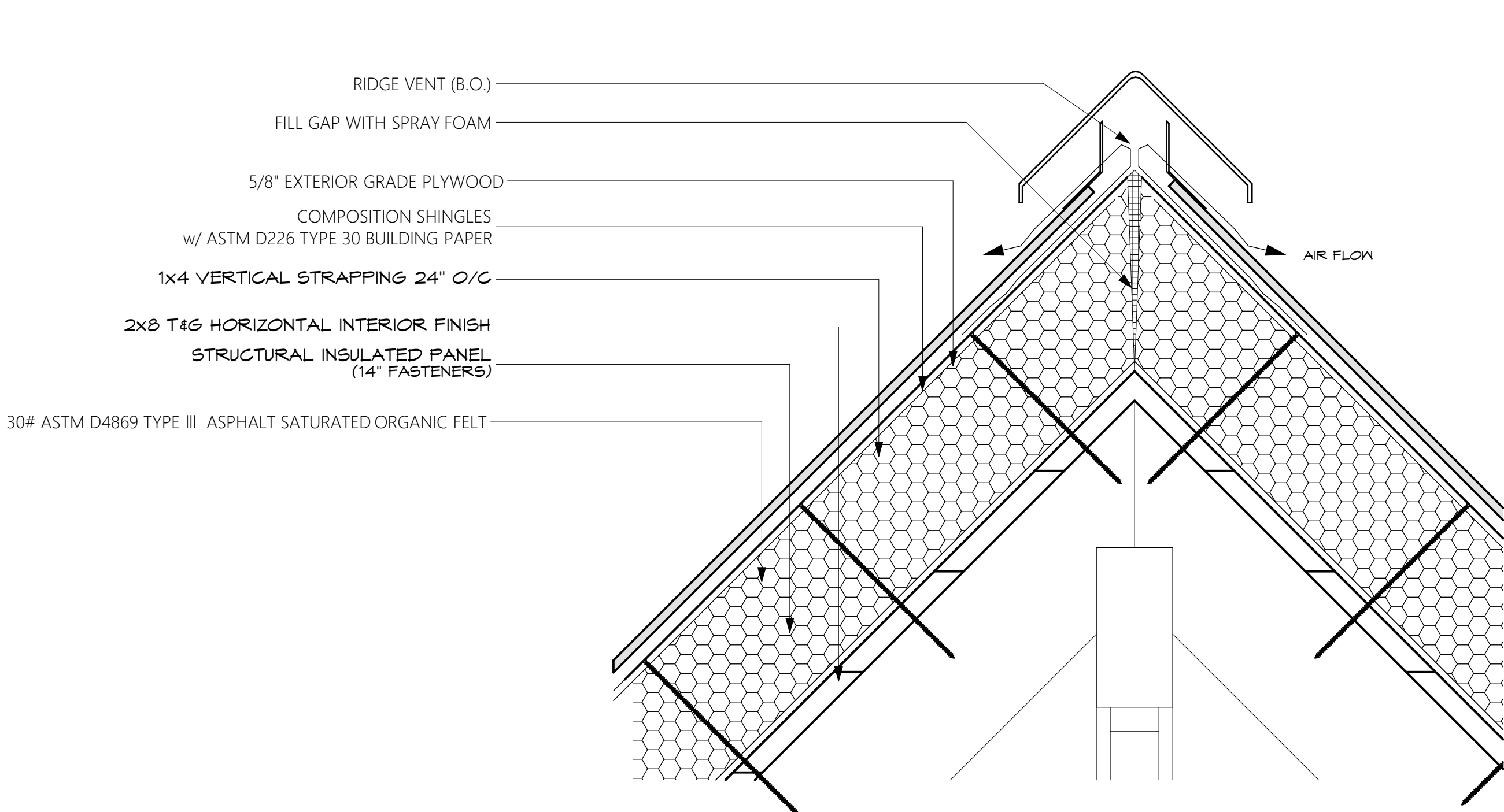


E7 Wings

SCALE: 1 1/2"= 1'-0"

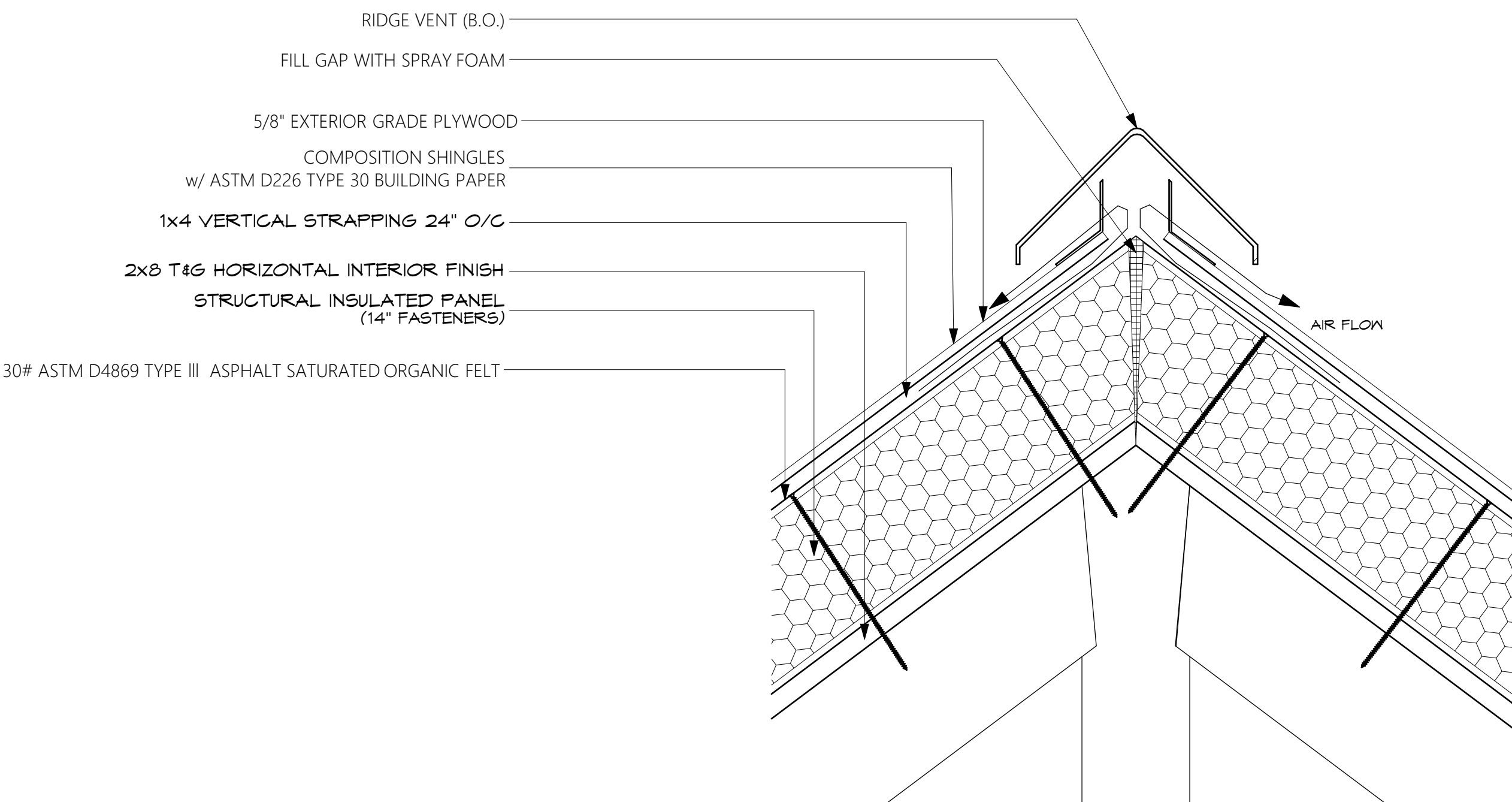
E8 Garage main

SCALE: 1 1/2"= 1'-0"



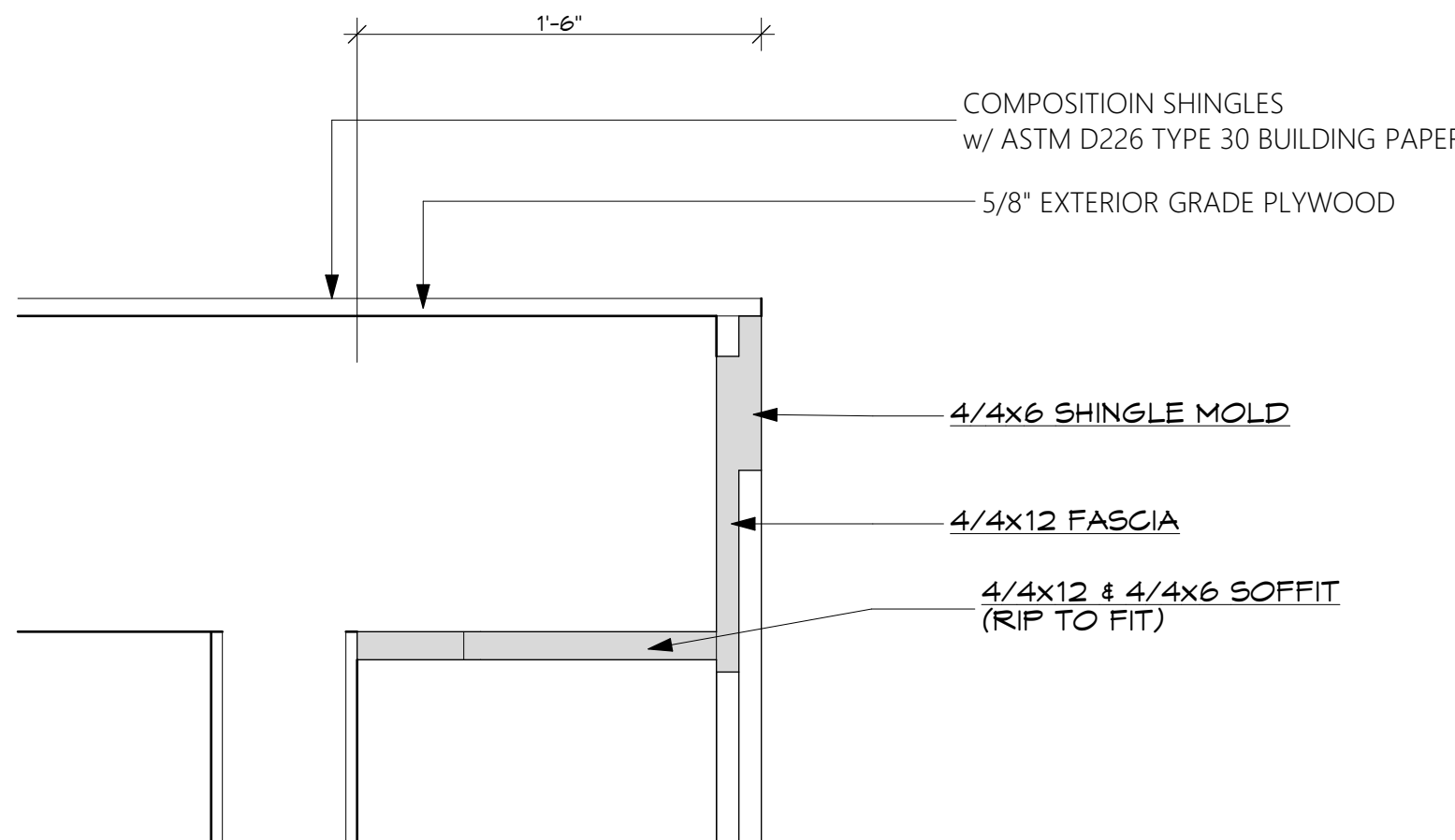
R Ridge Details

SCALE: 1 1/2"= 1'-0"



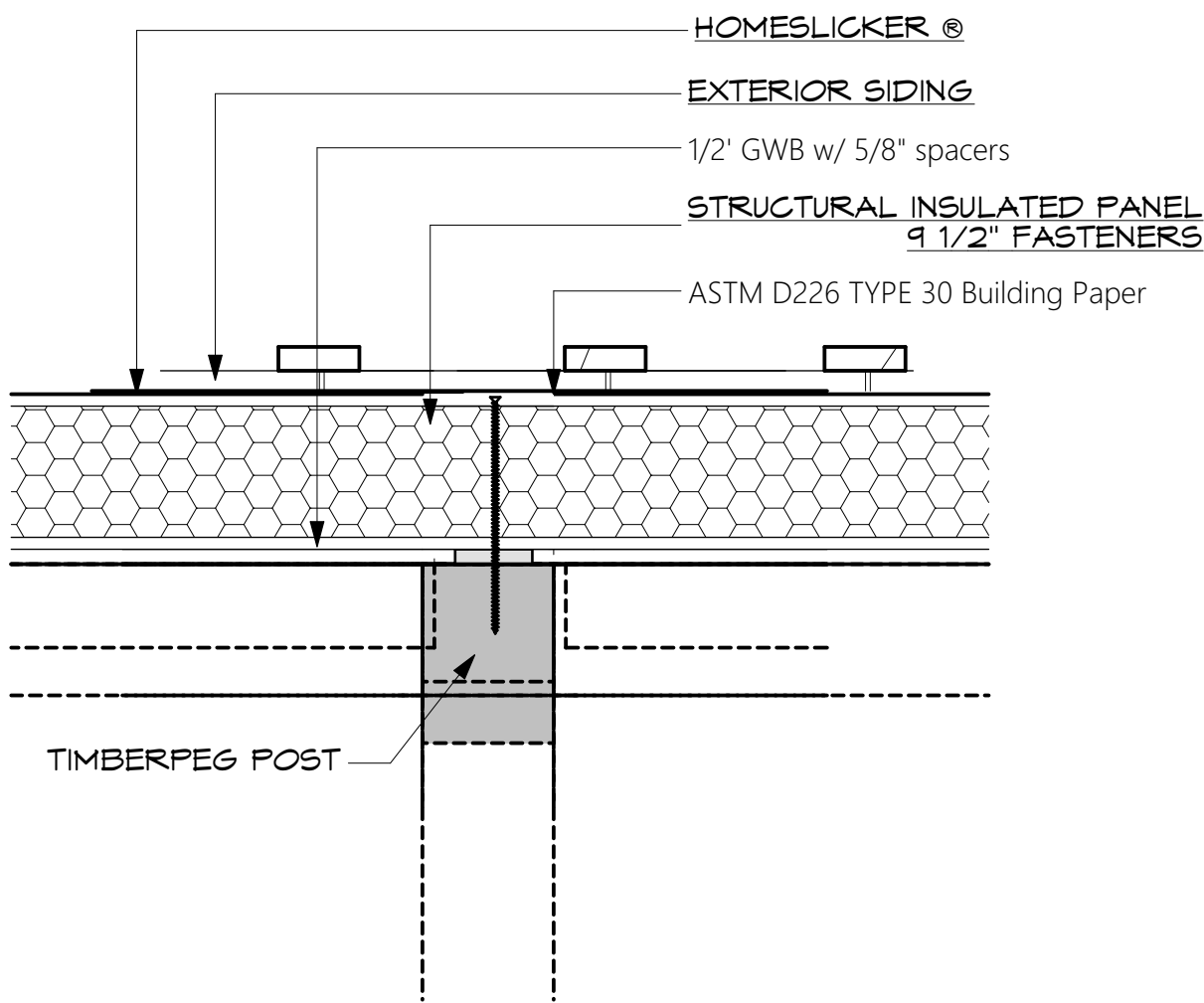
R1 Garage

SCALE: 1 1/2"= 1'-0"

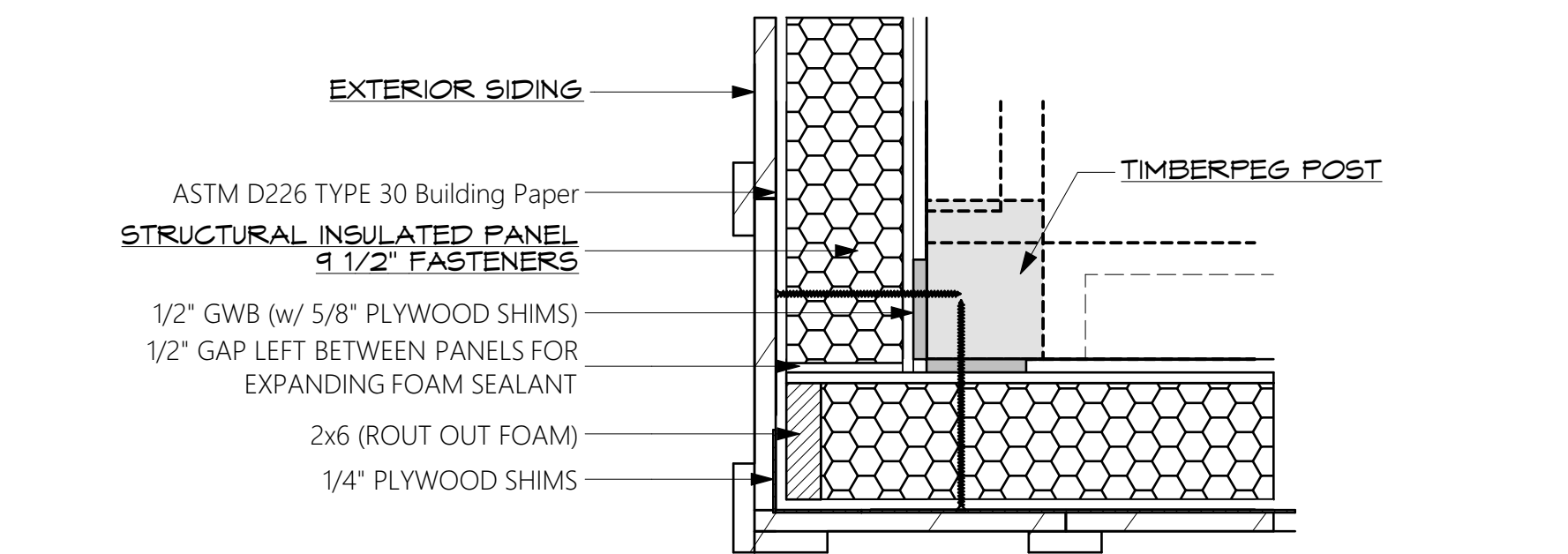


RK Conventional Roof

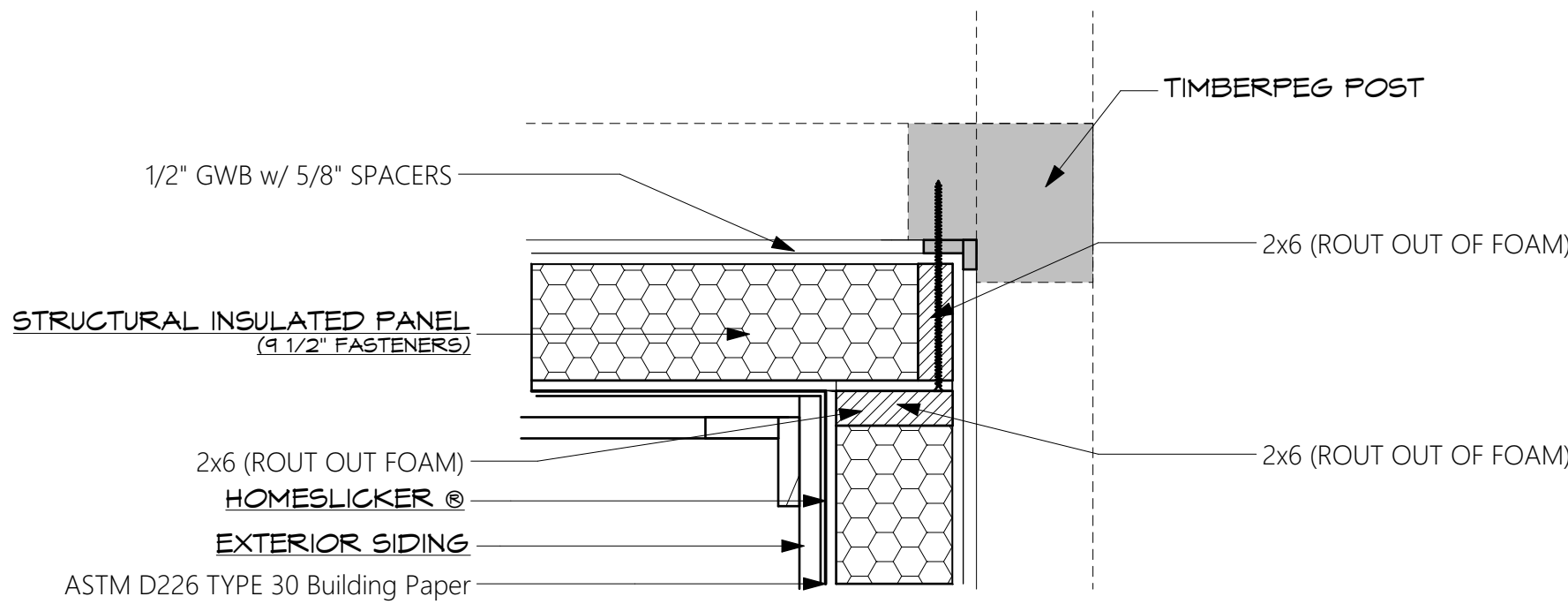
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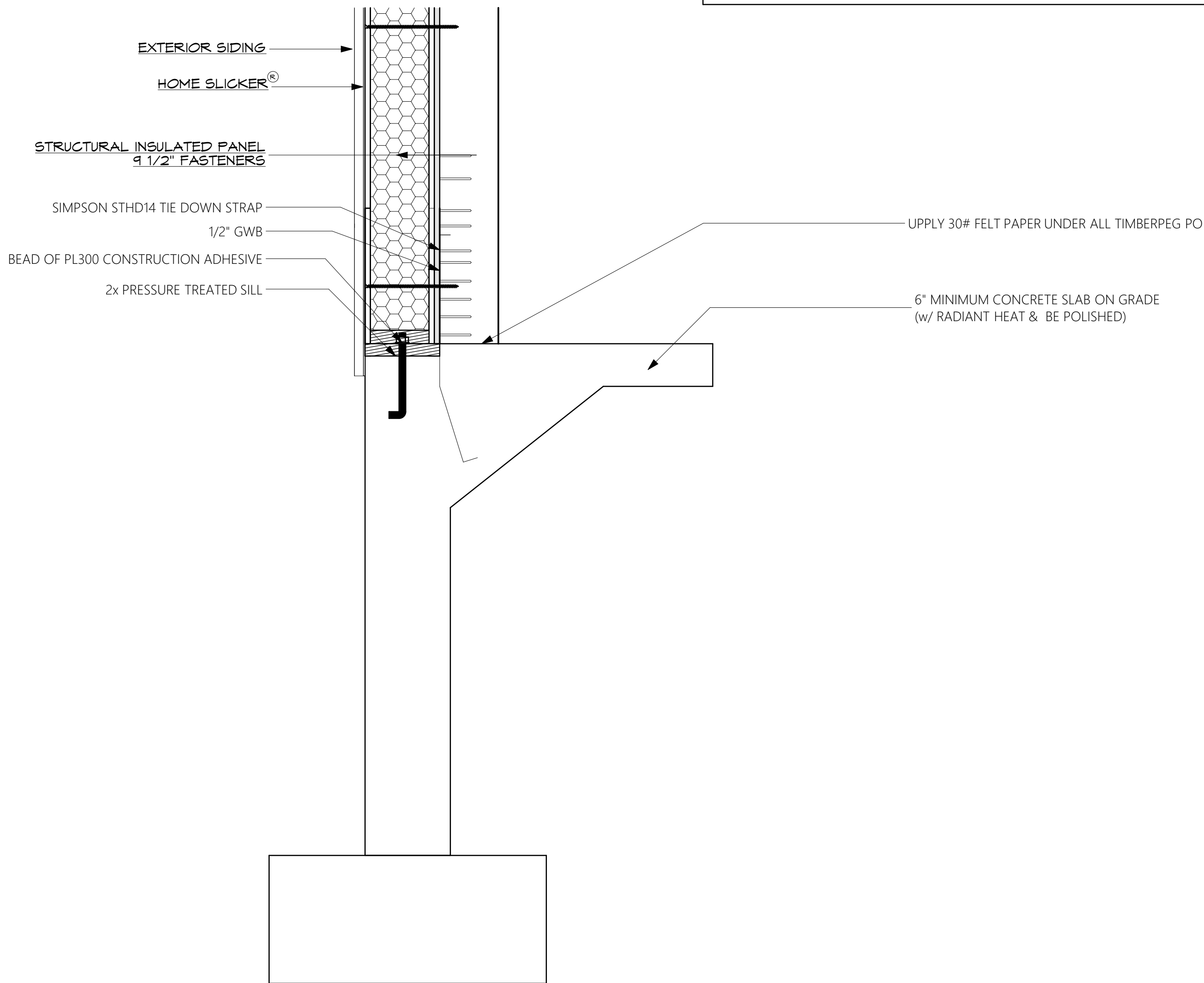
W1 Wall to Frame Details
SCALE: 1 1/2"= 1'-0"



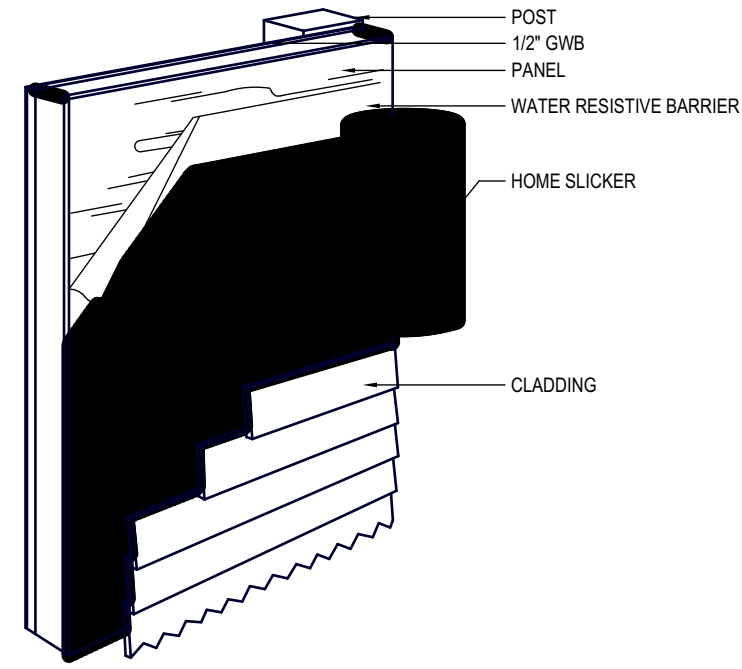
W2 Wall to Outside Corner Details
SCALE: 1 1/2"= 1'-0"



W3 Wall to Inside Corner Details
SCALE: 1 1/2"= 1'-0"

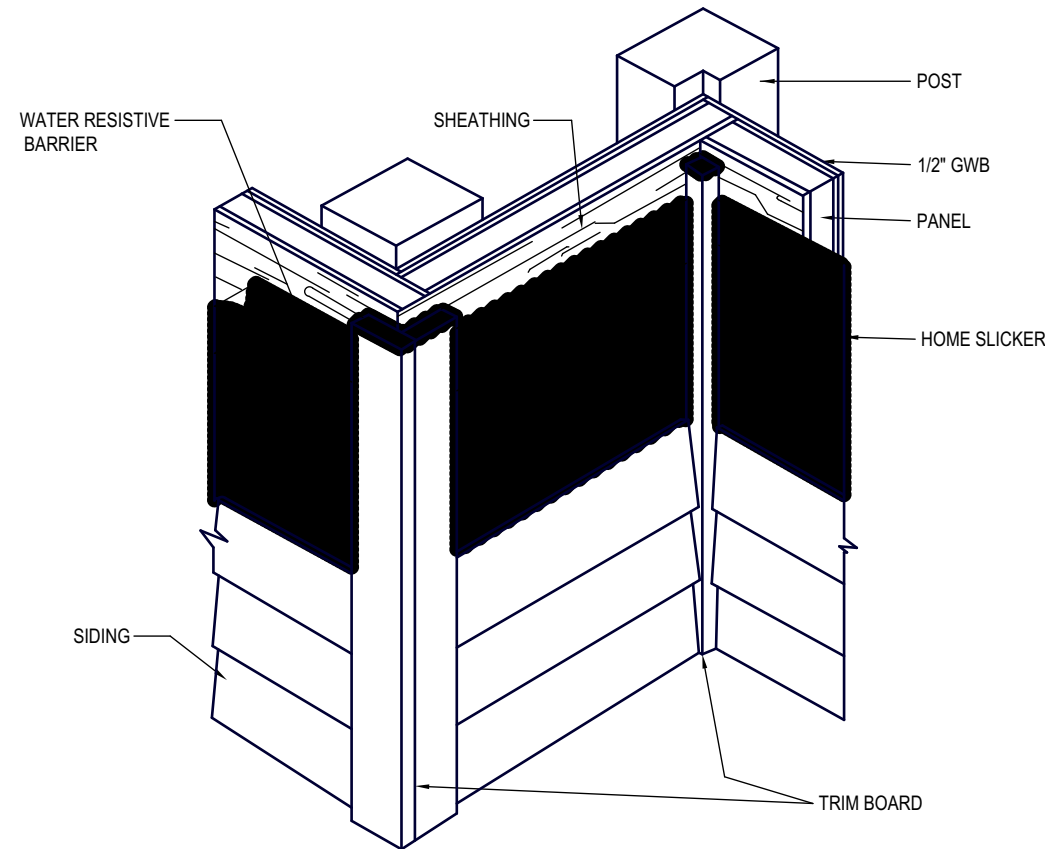
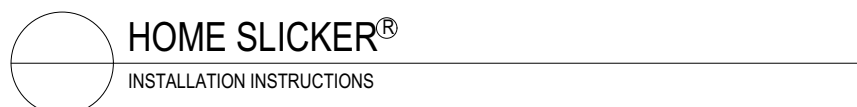


W4 Wall to Sill Details
SCALE: 1 1/2"= 1'-0"

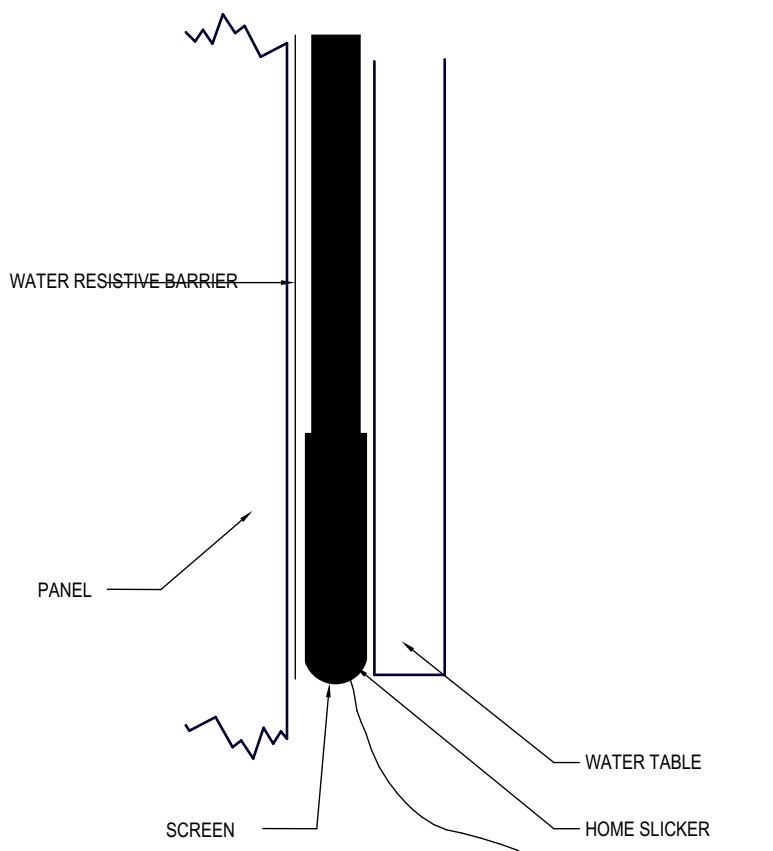


1. INSTALL PANELS OVER FRAME AND APPLY WATER RESISTIVE BARRIER PER MANUFACTURER'S INSTRUCTIONS. INSTALL HOME SLICKER AFTER WINDOWS ARE PROPERLY INSTALLED AND FLASHED. REFER TO WINDOW INSTALLATION DETAILS ON FLASHING INTEGRATION.
2. ROLL OUT HOME SLICKER WHEREVER SIDING OR CLADDING WILL BE APPLIED WITH CHANNELS RUNNING VERTICALLY. DO NOT STRETCH HOME SLICKER - IT SHOULD LIE FLAT AGAINST THE WALL, NAIL OR STAPLE (MIN. 12" STAPLES FOR HOME SLICKER 10) EVERY 3 SQUARE FEET. (FOR STUCCO OR STONE APPLICATIONS, INSTALL AN ADDITIONAL WATER RESISTIVE BARRIER OVER THE EXPOSED CHANNELS OF HOME SLICKER.)
3. BUTT EDGES OF NEW ROLLS OR NEW COURSES TOGETHER - DO NOT OVERLAP LAYERS OF HOME SLICKER. COVER ENTIRE WALL SURFACE WHEREVER SIDING MATERIALS WILL BE INSTALLED.
4. INSTALL SIDING OR CLADDING SYSTEM OVER WALL SURFACE PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. ALLOW FOR THICKNESS OF HOME SLICKER IN WALL SELECTION. DO NOT OVERNAIL.

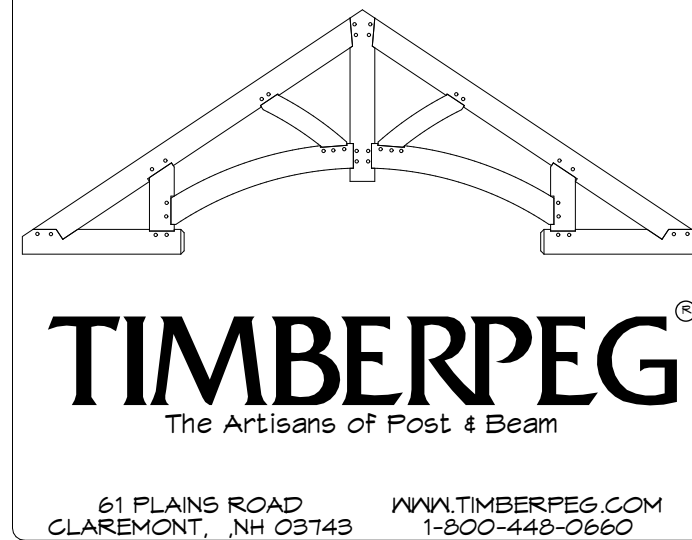
- NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. DO NOT SCALE DRAWINGS.



- APPLY TRIM BOARDS TO OUTSIDE AND INSIDE CORNERS OF SHIM SMALLER TRIM BOARDS OUT TO ACCOUNT FOR HOME SLICKER THICKNESS. INSTALL HOME SLICKER AGAINST TRIM BOARD. THIS OPTION GIVES THE ADDED BENEFIT OF "COMPARTMENTALIZING" EACH WALL SECTION, WHICH WILL ASSIST IN PRESSURE EQUALIZATION TO HELP REDUCE WATER INTRUSION.
- NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. DO NOT SCALE DRAWINGS.
3. INSTALL SIDEWALL SHEATHING MATERIAL OVER STUDS AND APPLY HOUSEWRAP OR BUILDING PAPER PER MANUFACTURER'S INSTRUCTIONS.



- BOTTOM DETAIL
- TO PREVENT INSECT INFILTRATION ALONG BOTTOM EDGE OF SIDING, ATTACH SLICKER SCREEN® OR A 6" WIDE SCREEN MATERIAL (1/8 MAX. HOLE SIZE) ALONG THE WALL 3" ABOVE BOTTOM EDGE OF HOME SLICKER. FOLD UP ONTO OUTER SURFACE OF INSTALLED HOME SLICKER AND FASTEN WITH A LARGE HEAD NAIL TO HOLD IN PLACE PRIOR TO APPLYING SIDING OR CLADDING.
- NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. DO NOT SCALE DRAWINGS.



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Kanab UT 84741

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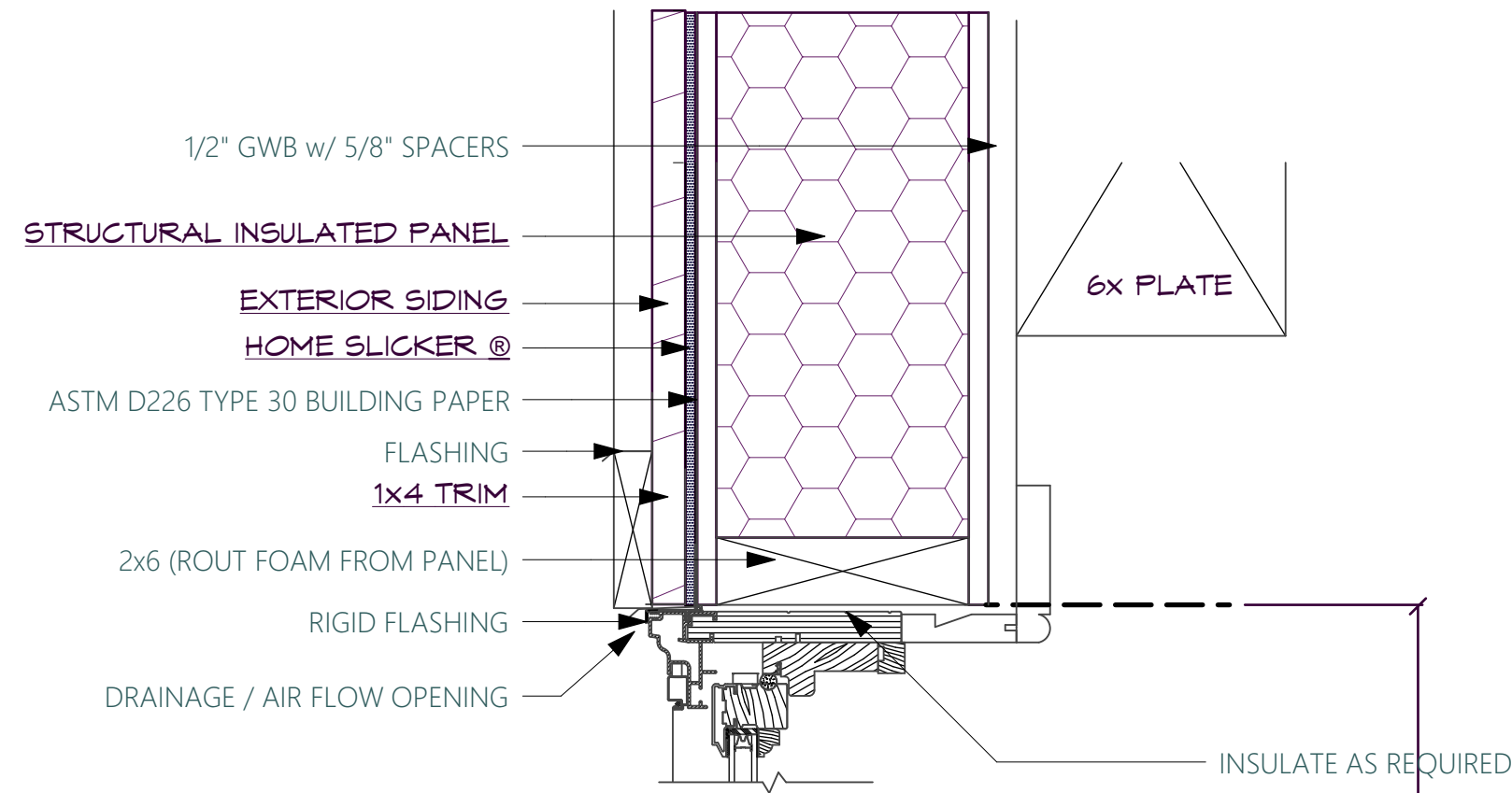
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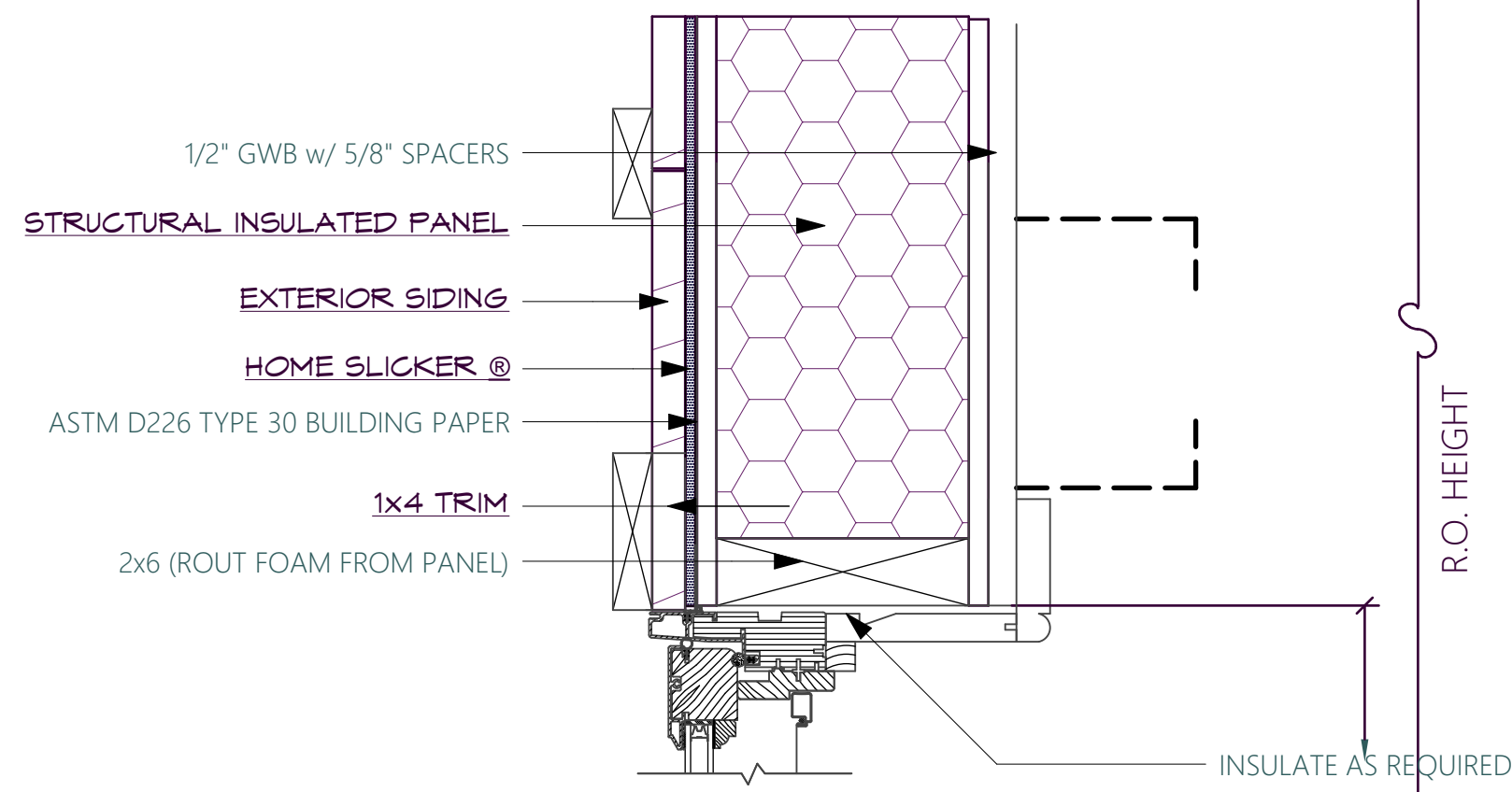
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Wall Details

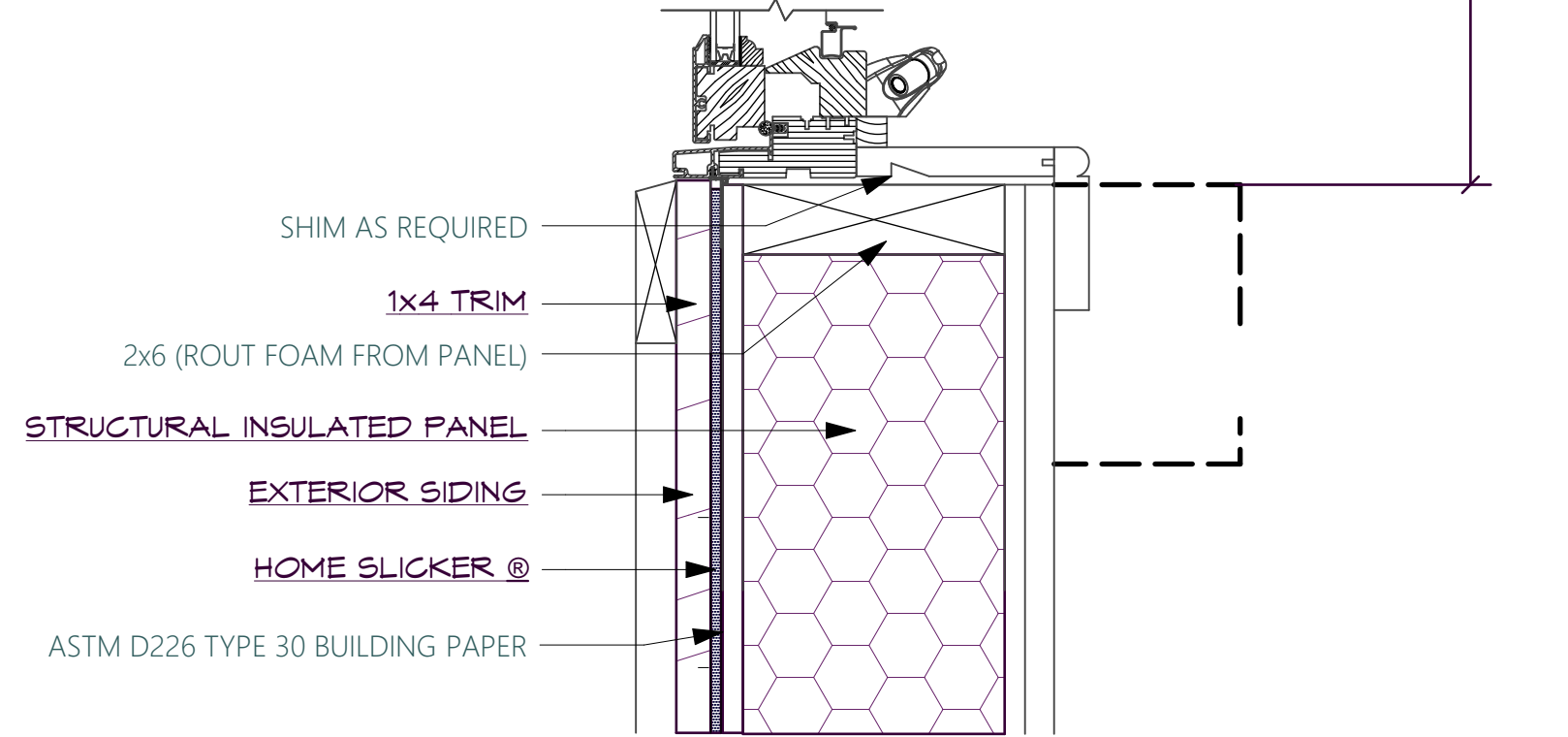
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HEAD SECTION



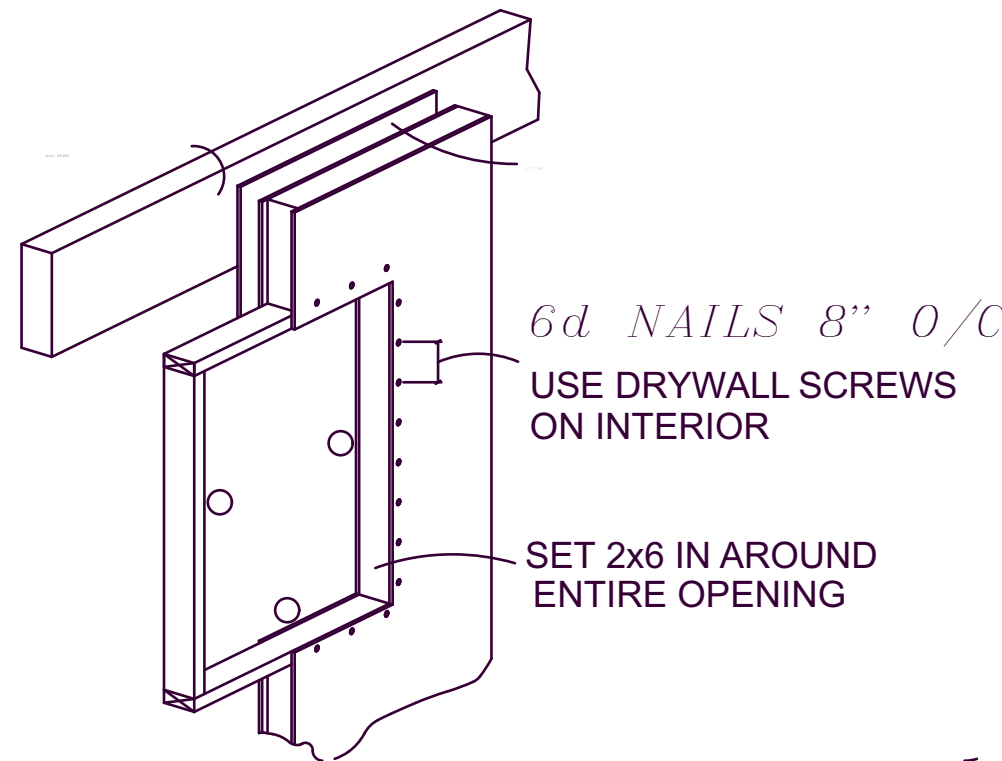
JAMB SECTION



SILL SECTION

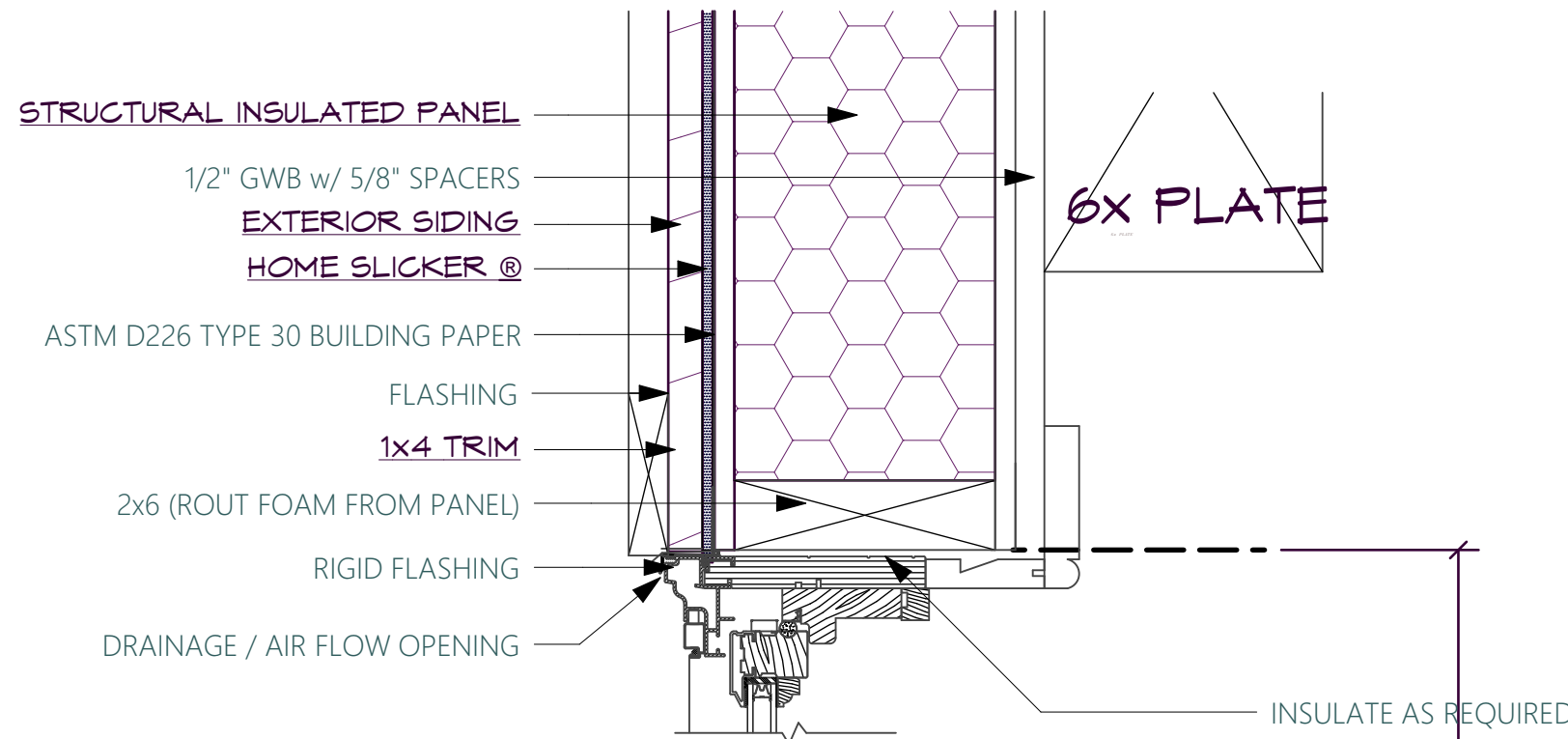
CASEMENT / AWNING WINDOW DETAIL

PANEL PREPARATION

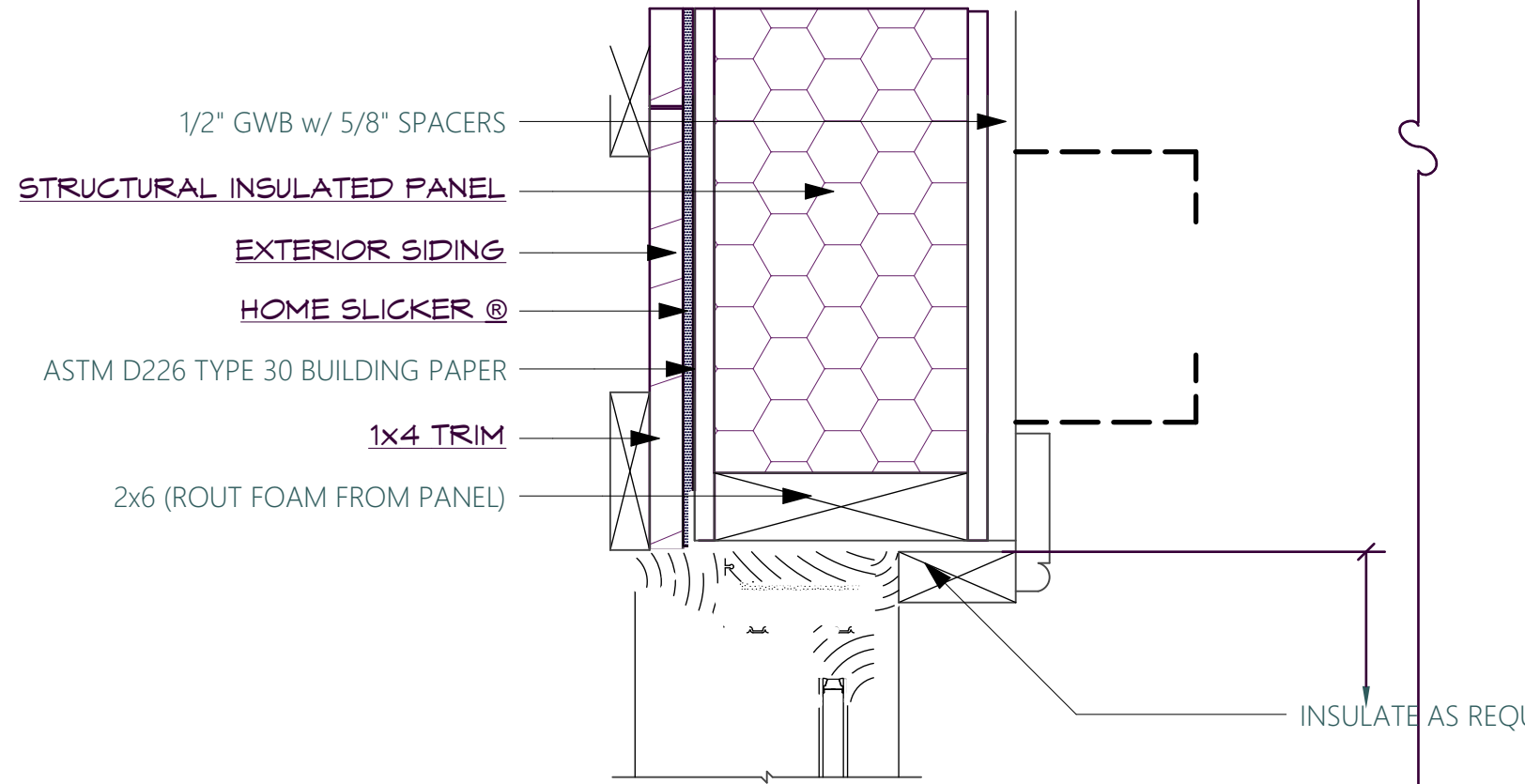


1. CHECK FLOOR PLANS AND PANEL DRAWINGS FOR MILLWORK LOCATION
2. CHECK UNIT NUMBER AND ROUGH OPENINGS
3. IF WINDOW OPENINGS ARE NOT CUT OUT OF PANEL, CUT ROUGH OPENING OUT OF PANEL; PREFERABLY WHILE PANEL IS ON THE GROUND.
4. ROUT FOAM FROM PANEL 1 1/2" DEEP AROUND OPENING AND INSTALL 2x NAILER.
5. INSTALL L PANELS ON FRAME, IF NOT ALREADY IN PLACE.
6. APPLY AIR BARRIER OVER PANELS
7. CUT AIR BARRIER AT WINDOW OPENINGS.

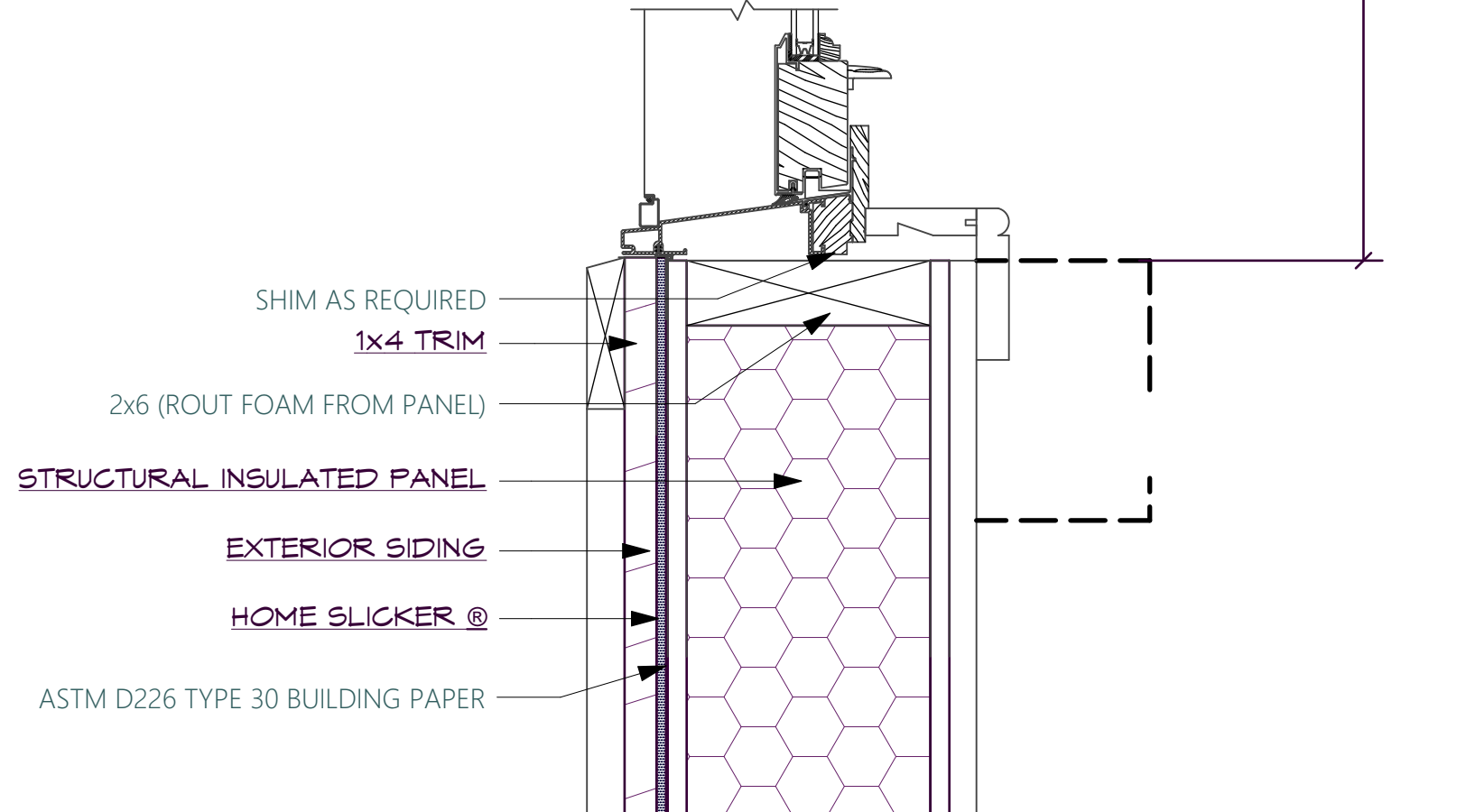
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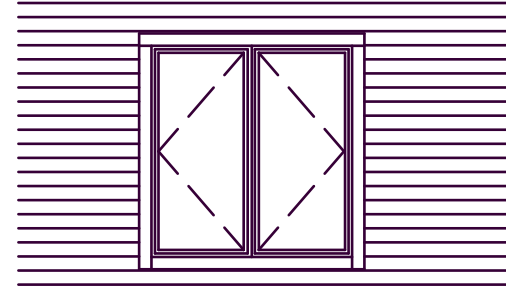


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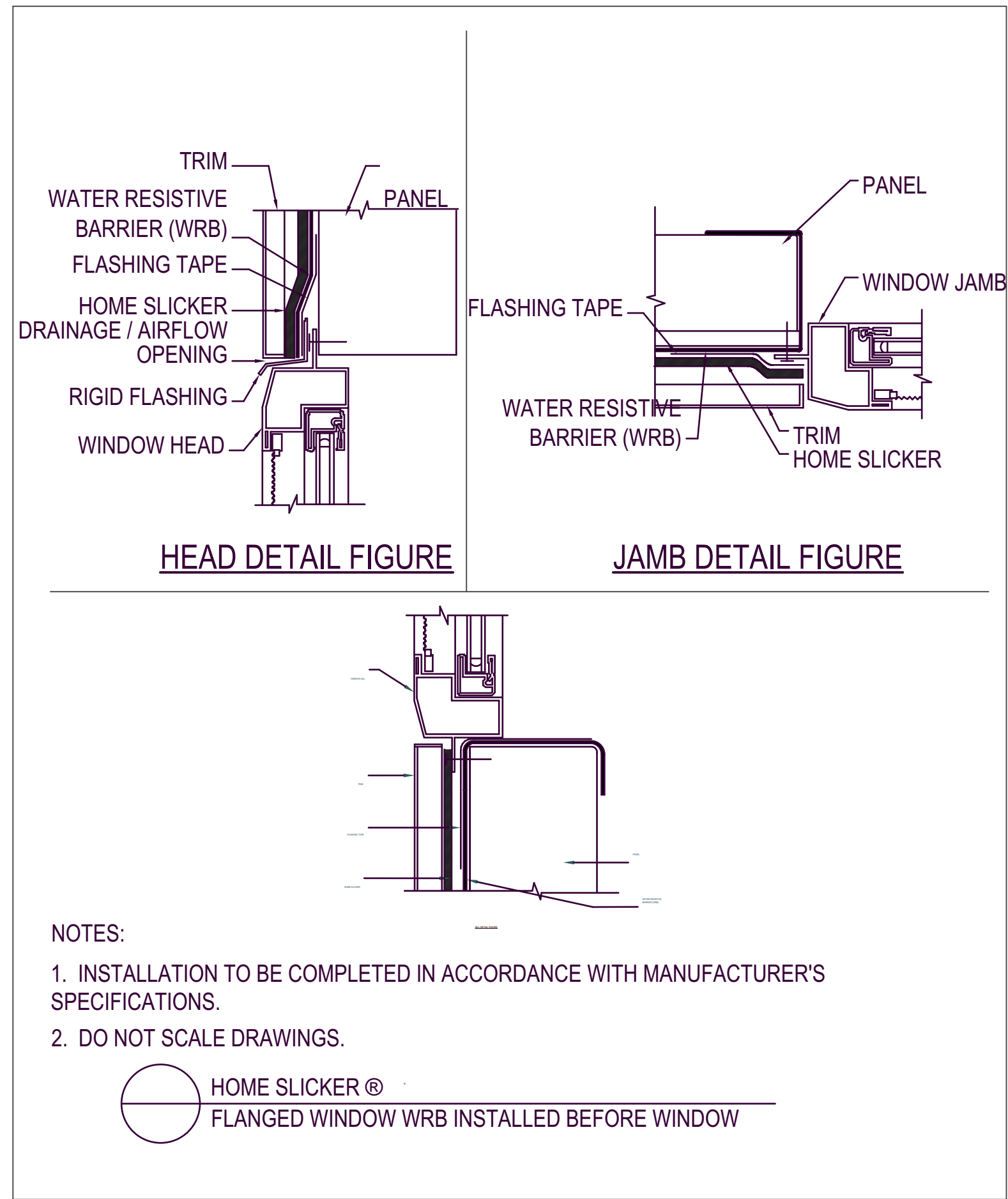


DOUBLE HUNG WINDOW DETAIL

WINDOW INSTALLATION



1. INSTALL WINDOW. SHIM SO IT IS LWVER AND PLUMB.
2. NAIL THRU NAILING FLANGE WITH 1" FELT NAILS OR 8d GALV. NAILS
3. INSULATE ANY GAPS w/ FIBERGLASS BATT OR NON-EXPANDING FOAM.
4. INSTALL HEAD TRIM FLASHING
5. INSTALL HOME SLICKER.
6. APPLY TRIM AROUND WINDOW
7. INSTALL SIDING.



- REFER TO FRAME DRAWINGS OR WINDOW CATALOG FOR ROUGH OPENING DIMENSIONS
- **ITALIC TEXT INDICATES TIMBERPEG® PACKAGE ITEMS**
- STANDARD TEXT INDICATES MATERIAL OR WORK BY OTHERS
- SEE NAILING SCHEDULE, DRWG. S-002

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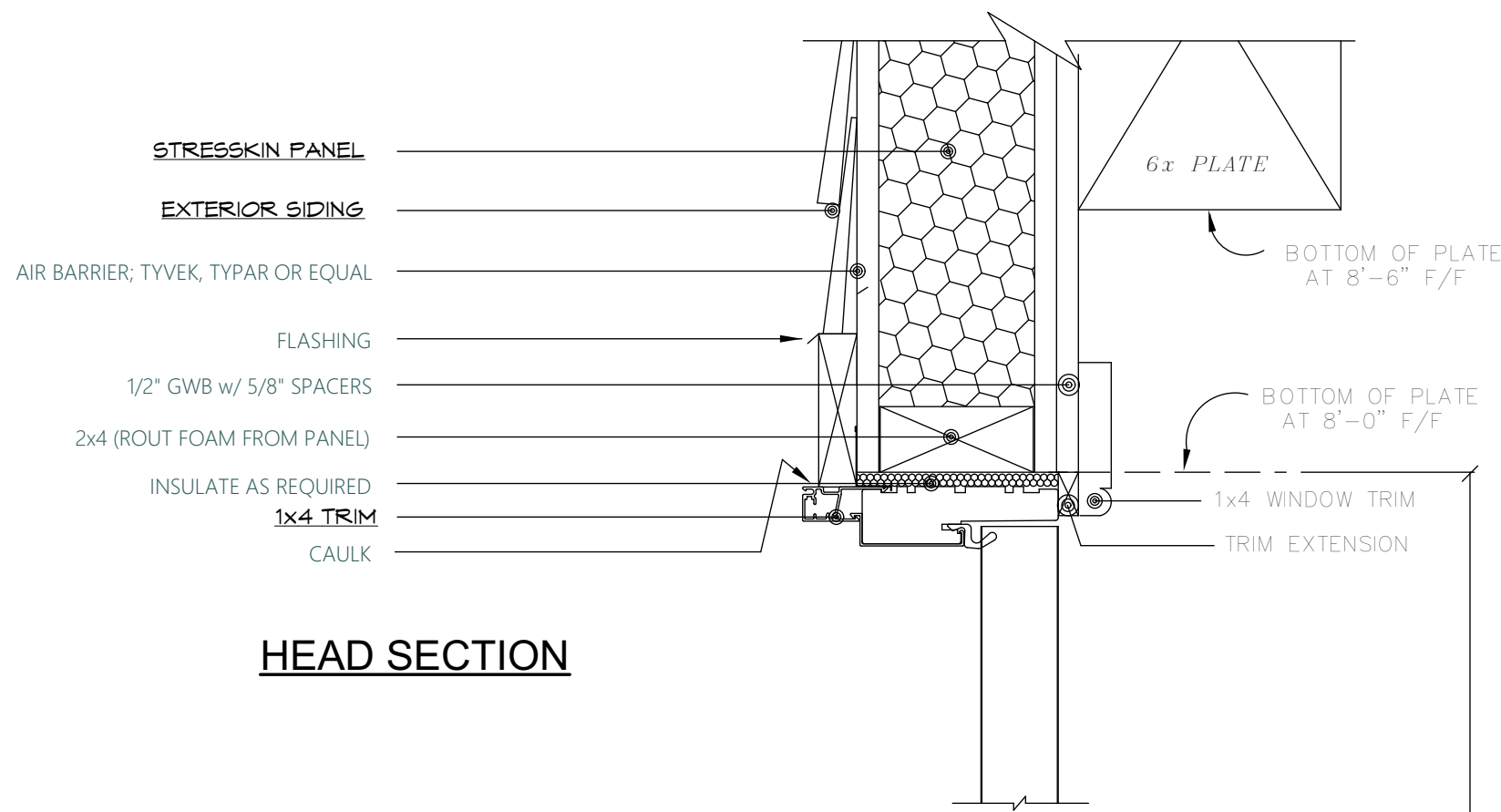
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DEALER/RM: Marty Borges/Mike Pollari
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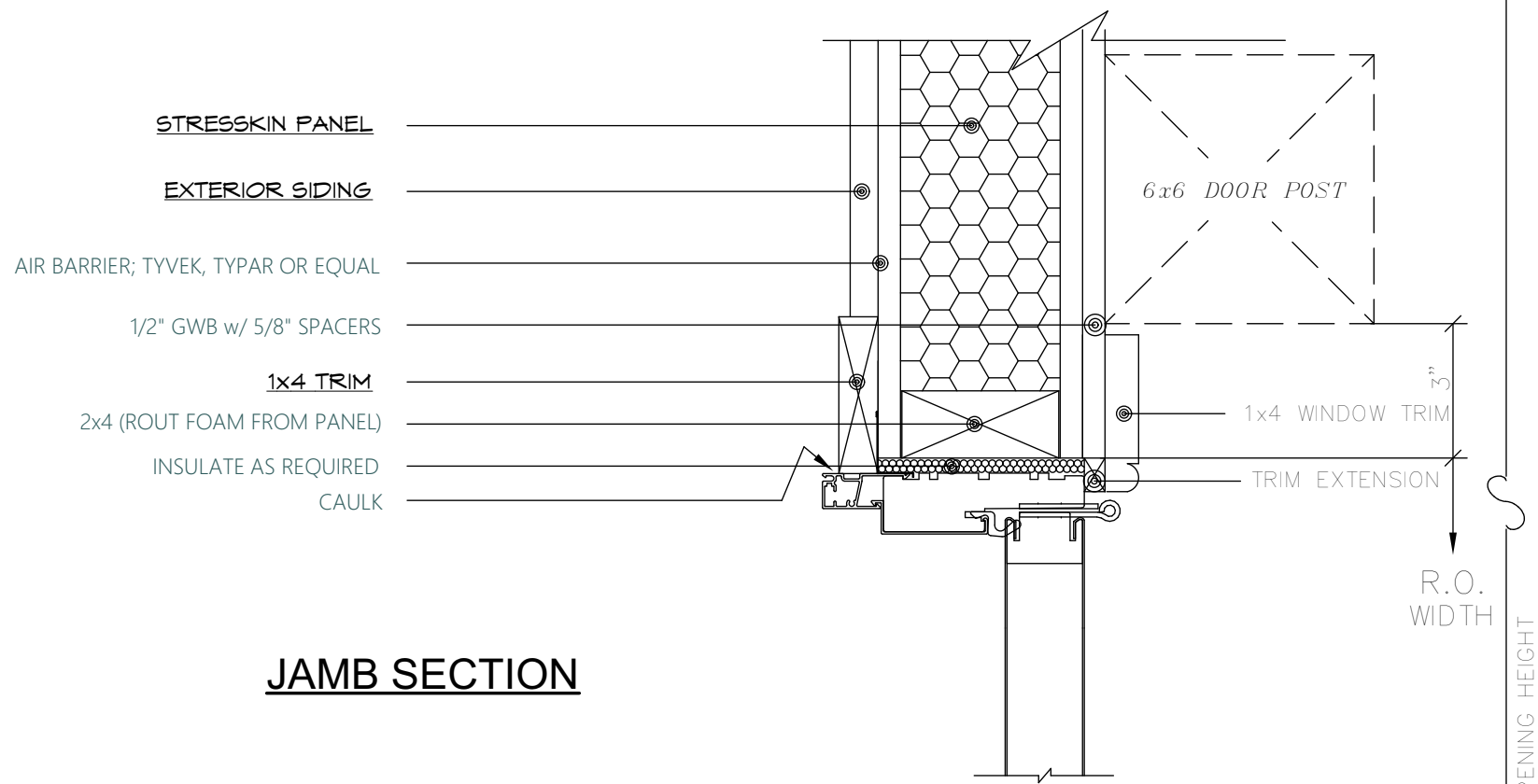
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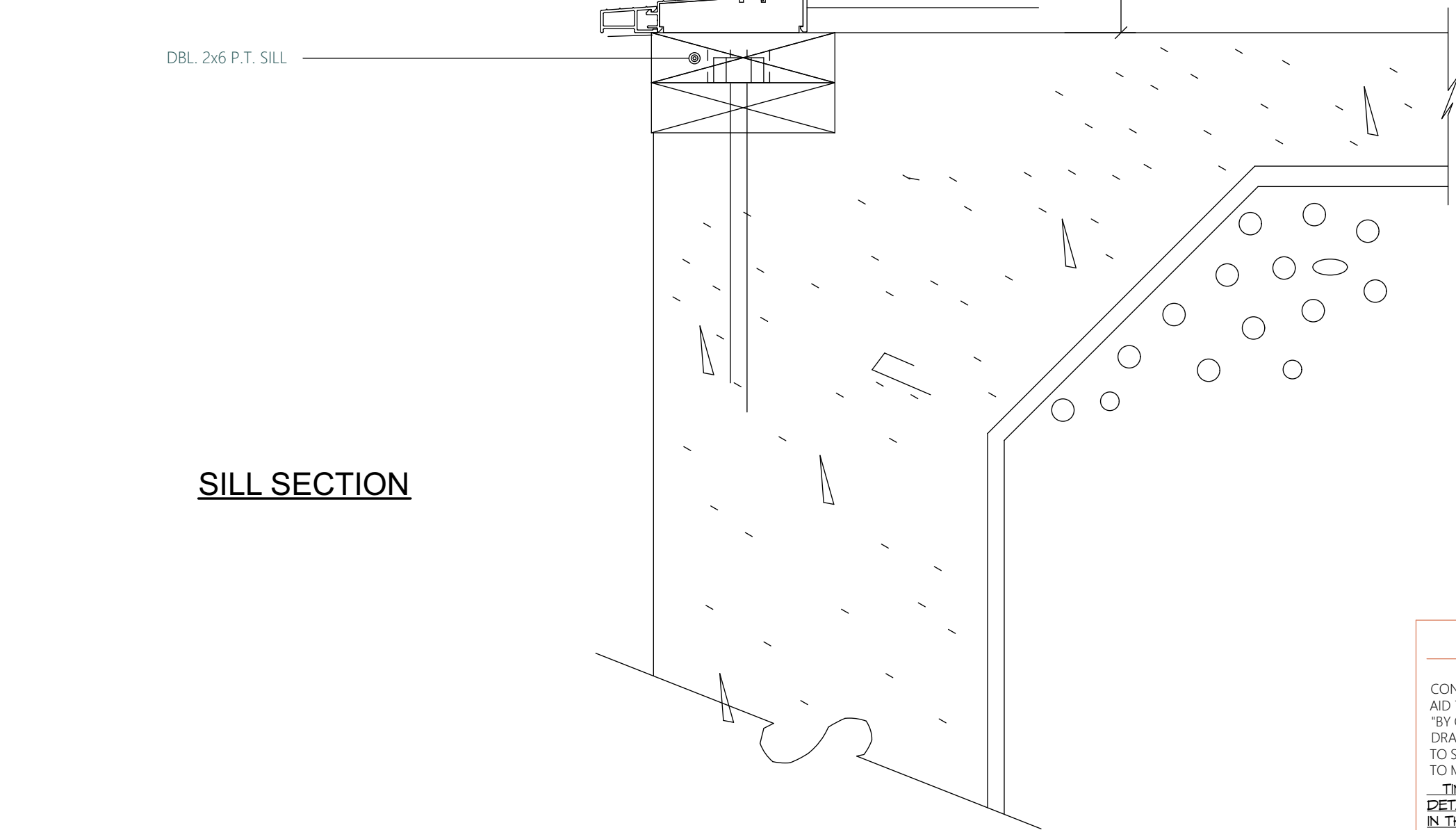
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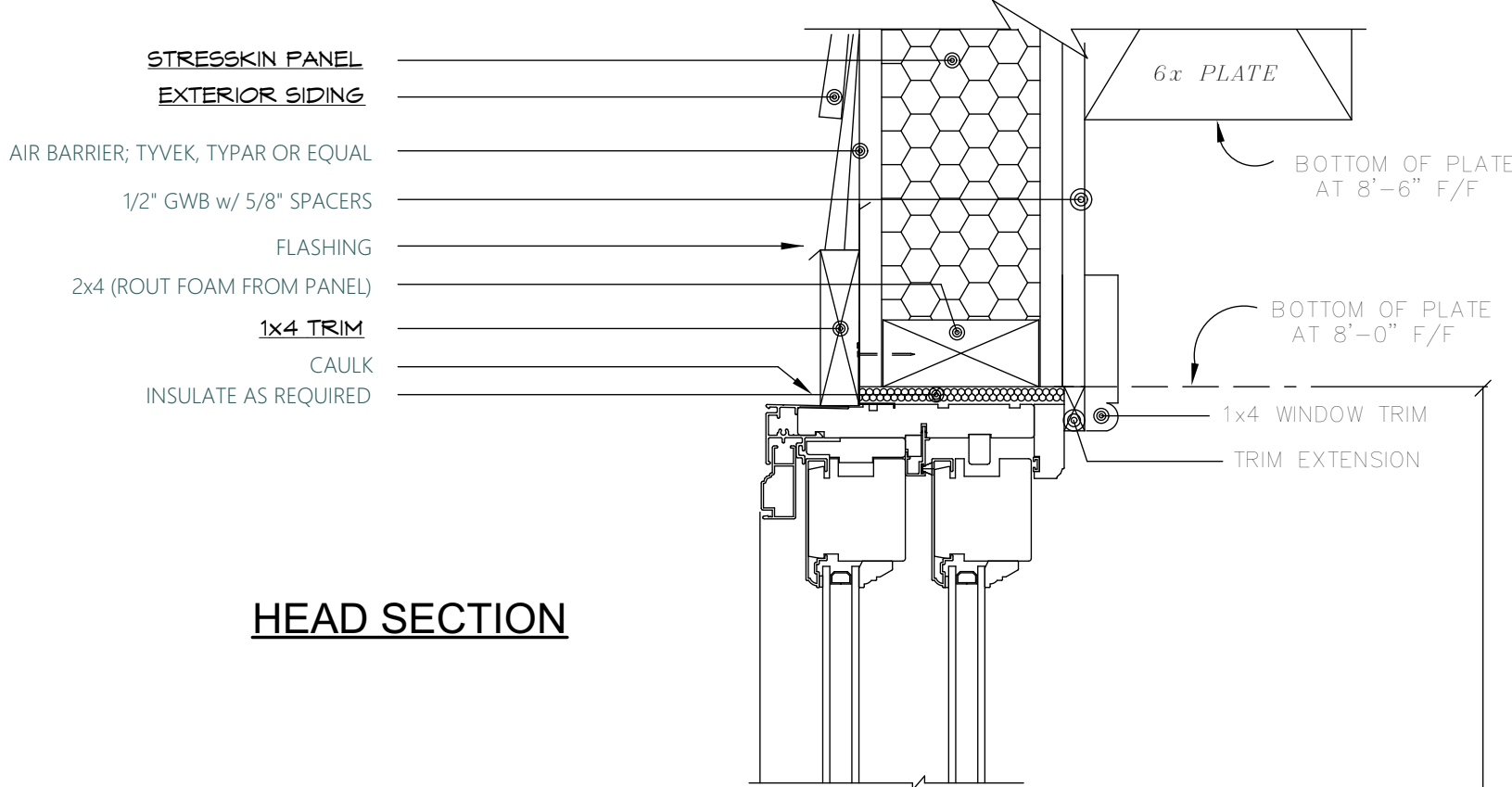
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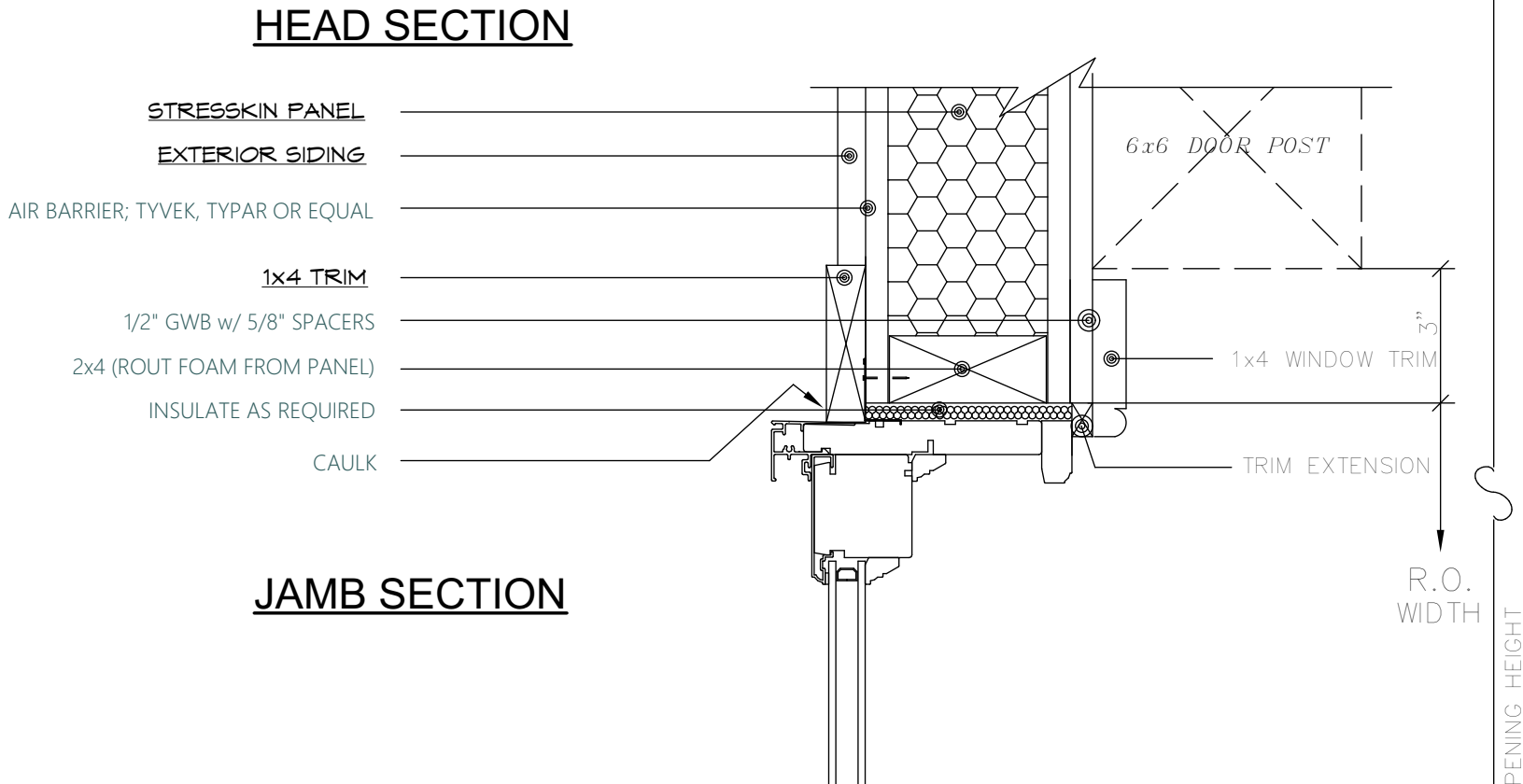
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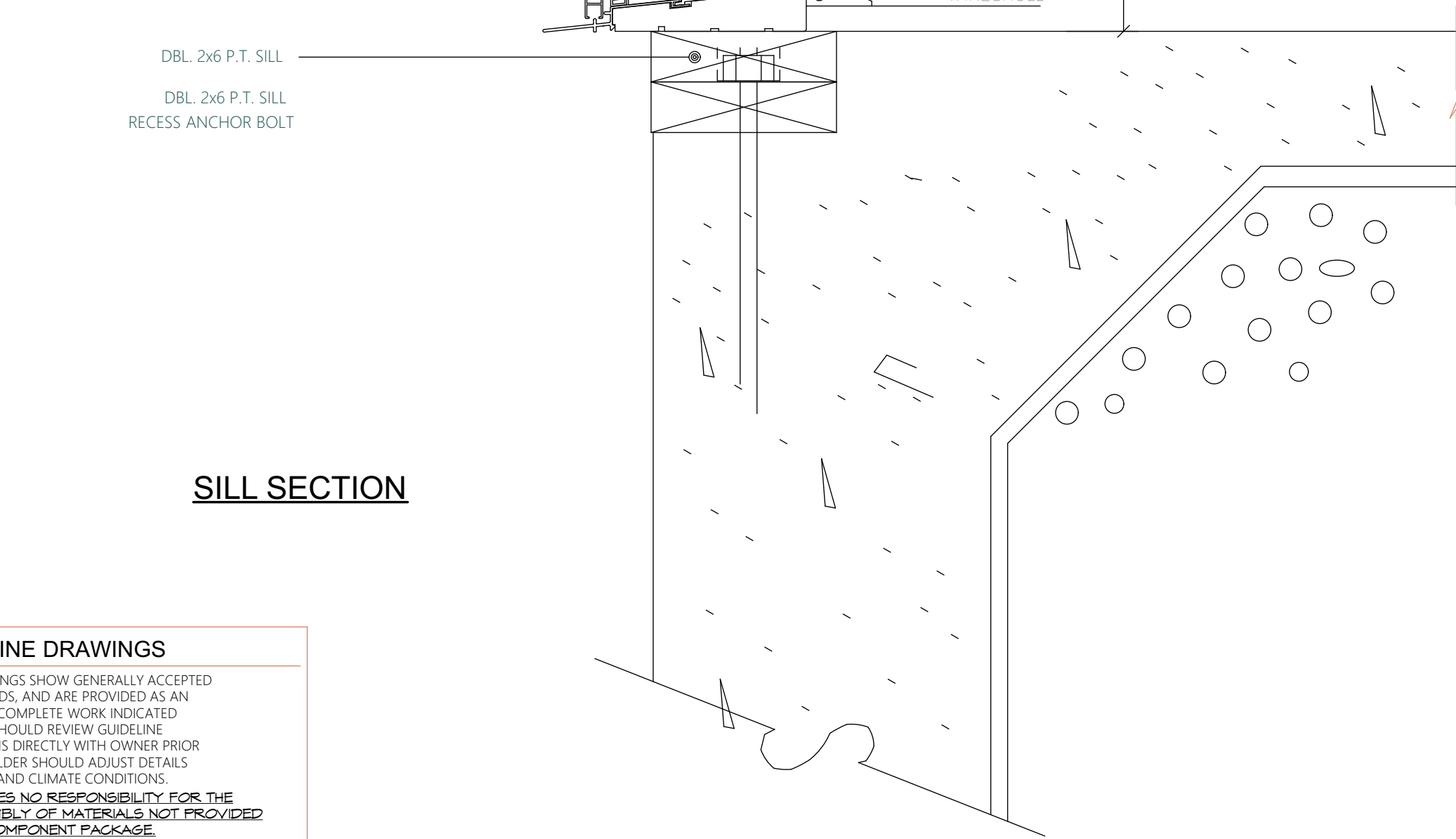
SILL SECTION



HEAD SECTION



JAMB SECTION



SILL SECTION

GUIDELINE DRAWINGS

GUIDELINE DRAWINGS SHOW GENERALLY ACCEPTED CONSTRUCTION METHODS, AND ARE PROVIDED AS AN AID TO THE BUILDER TO COMPLETE WORK INDICATED "BY OTHERS". BUILDER SHOULD REVIEW GUIDELINE DRAWINGS AND OPTIONS DIRECTLY WITH OWNER PRIOR TO STARTING WORK. BUILDER SHOULD ADJUST DETAILS TO MEET LOCAL CODES AND CLIMATE CONDITIONS.

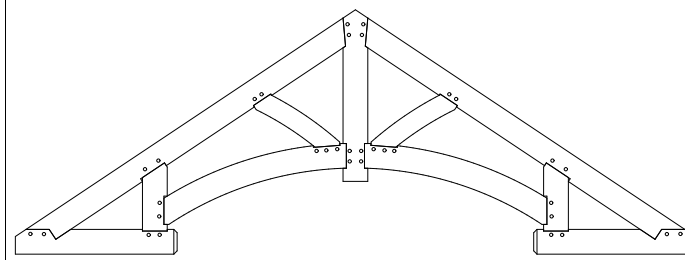
TIMBERPEG ASSUMES NO RESPONSIBILITY FOR THE DETAILING OR ASSEMBLY OF MATERIALS NOT PROVIDED IN THE TIMBERPEG COMPONENT PACKAGE.

CARE OF DOORS PLEASE READ THESE RECOMMENDATIONS

1. DOORS SHOULD BE STORED IN CLEAN, DRY, WELL-VENTILATED BUILDINGS.
2. DOORS SHOULD NOT BE SUBJECTED TO ABNORMAL HEAT, DRYNESS OR HUMIDITY FOR PROLONGED PERIODS.
3. DOORS SHOULD NOT BE INSTALLED IN NEW BUILDINGS UNTIL CEMENT BASEMENT FLOOR AND FOUNDATION ARE THOROUGHLY DRY. ALSO, BE SURE THAT PLASTER WALLS ARE THOROUGHLY DRY.
4. DOORS SHOULD NOT BE CUT DOWN IN SIZE MORE THAN 1/2" IN WIDTH AND NO MORE THAN 2" IN HEIGHT (1/2" FROM TOP OF DOOR, UP TO 1 1/2" FROM BOTTOM). TO DO SO MAY RUIN CONSTRUCTION BALANCE. WHEN FITTING DOORS IN WIDTH TRIM EQUALLY FROM BOTH EDGES.
5. BE SURE THAT JAMBS AND STOPS ARE SET PERFECTLY SQUARE AND PLUMB.
6. USE THREE HINGES ON EACH DOOR. SET FLUSH WITH EDGE SURFACE. BE SURE THAT HINGES ARE PLACED IN TRUE ALIGNMENT.
7. IMMEDIATELY AFTER INSTALLATION OF DOOR UNIT OR DOOR ONLY, THE DOOR SHOULD BE FINISHED. IF NOT, THE DOOR SHOULD BE REMOVED FROM THE OPENING AND STORED AS IN STEP 1.
8. IN COLDER CLIMATES, USE A COMBINATION DOOR ON EXTERIOR DOORWAYS.

FINISHING RECOMMENDATIONS

1. SURFACES MUST BE CLEAN AND DRY.
 2. SAND LIGHTLY AND CLEAN BEFORE FIRST COAT OF FINISH AND BETWEEN ADDITIONAL COATS.
 3. MAKE CERTAIN THAT SURFACES ARE DRY BEFORE APPLYING NEXT COAT.
 4. USE ONLY HIGH GRADE MATERIALS AND FOLLOW INSTRUCTIONS CAREFULLY.
- FOR INTERIOR DOORS-** IMMEDIATELY AFTER DOOR IS HUNG, THE ENTIRE DOOR, INCLUDING TOP AND BOTTOM EDGES, SHOULD BE FINISHED WITH AT LEAST TWO COATS OF OIL BASE PAINT, OR OIL BASE PRIMER IF WATER BASE PAINT IS USED. VARNISH, URETHANE, SHELLAC OR LACQUER.
- EXTERIOR DOORS** SHOULD BE FINISHED WITH AT LEAST TWO COATS OF A QUALITY OIL BASE TRIM PAINT, EXTERIOR GRADE VARNISH OR URETHANE, INCLUDING TOP AND BOTTOM EDGES.
- IF A STAIN EFFECT IS DESIRED, THE STAIN MUST BE COMPATIBLE WITH TWO SUCCEEDING COATS OF THE ABOVE MENTIONED CLEAR FINISHES.
5. FINISHING DONE UNDER THE SUPERVISION OF A RELIABLE PAINTING CONTRACTOR IS THE MOST SATISFACTORY.
 6. DARK COLOR FINISHES SHOULD BE AVOIDED ON EXTERIOR SURFACES OF EXTERIOR DOORS.



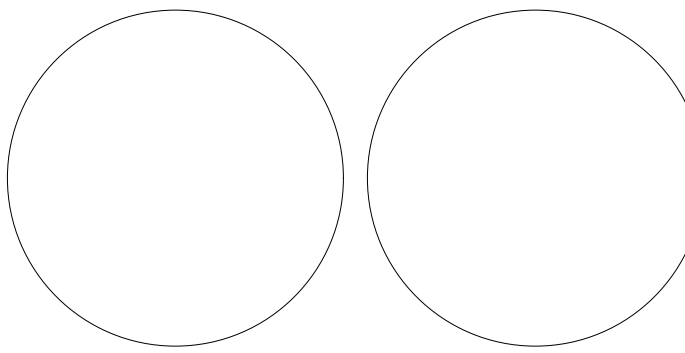
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PROJECT NO: T-01564

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DEALER/RM: Marty Borges/Mike Pollari

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SHEET TITLE:

Door Details

A-505



Timber Frame

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



Timber Frame

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



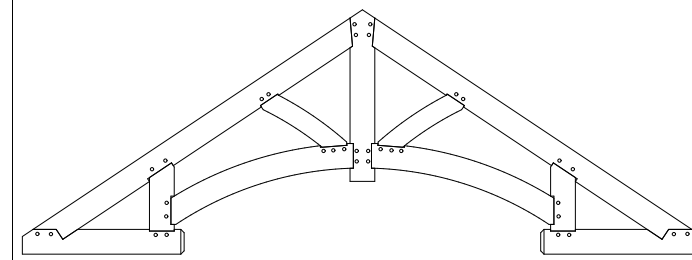
T&G Coverage

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



T&G Coverage

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



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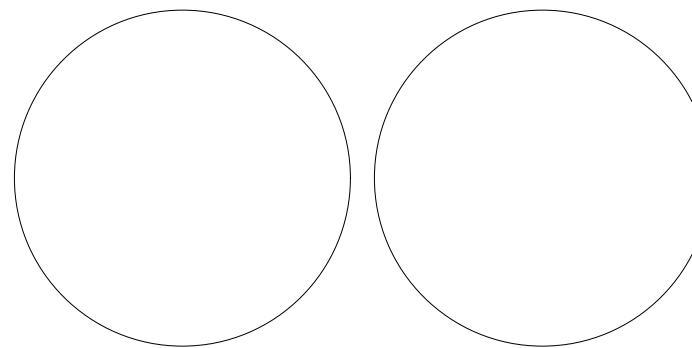
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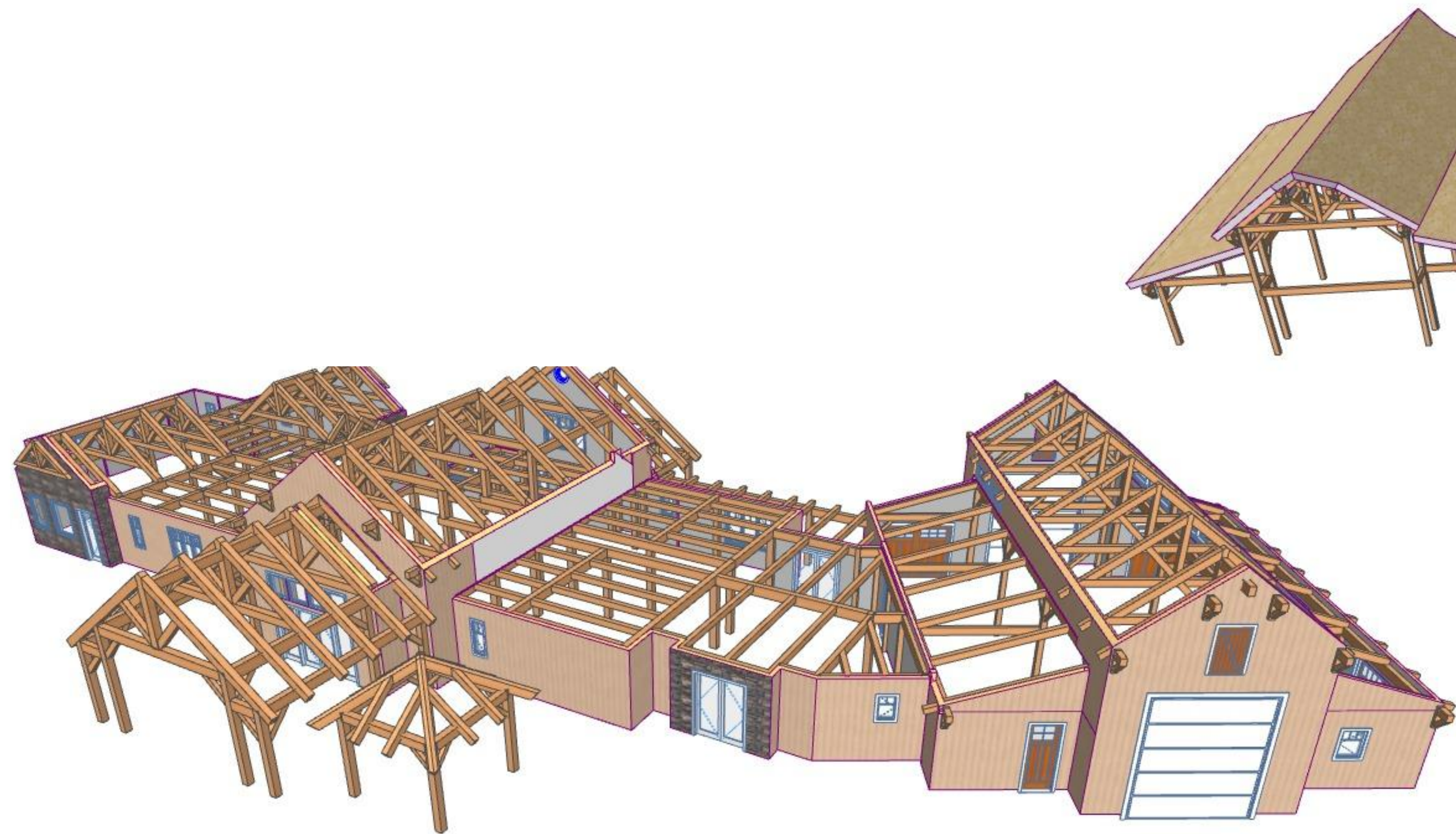
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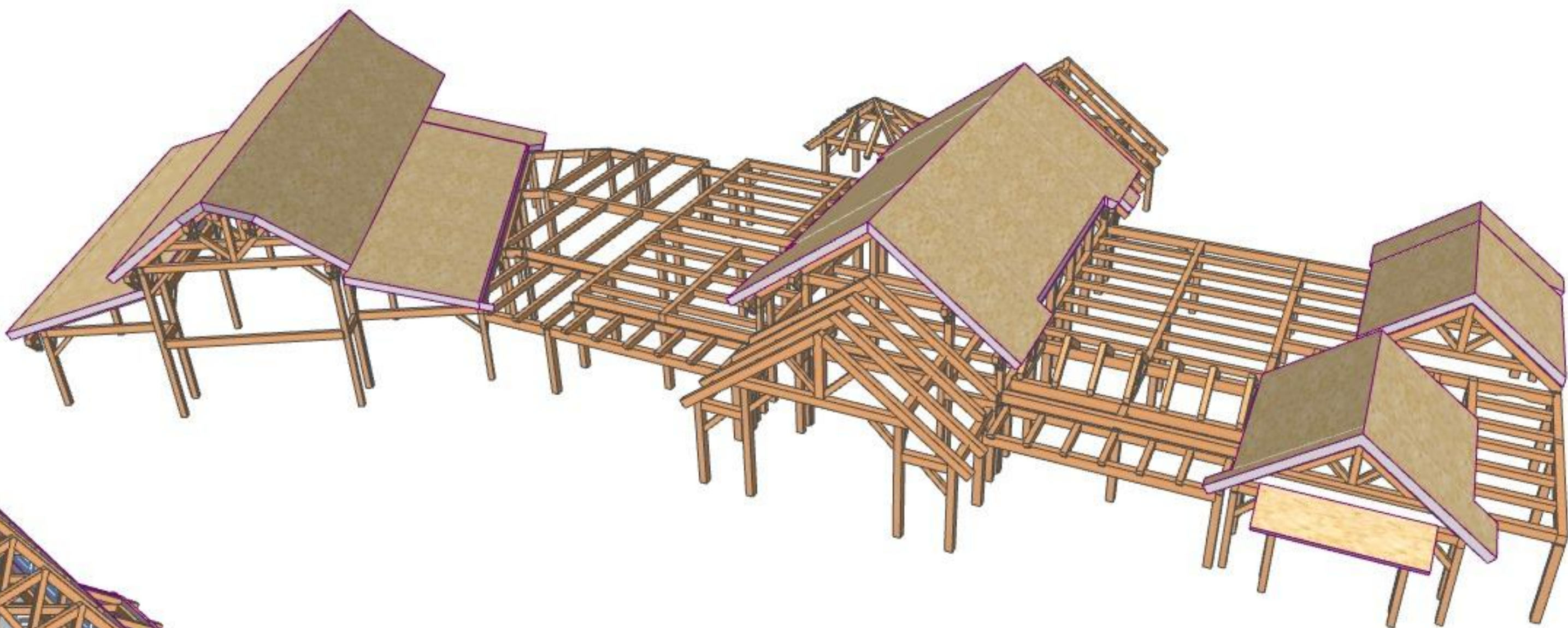
Frame & T&G
Coverage

A-701



Wall Package Coverage

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



Roof Package Coverage

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



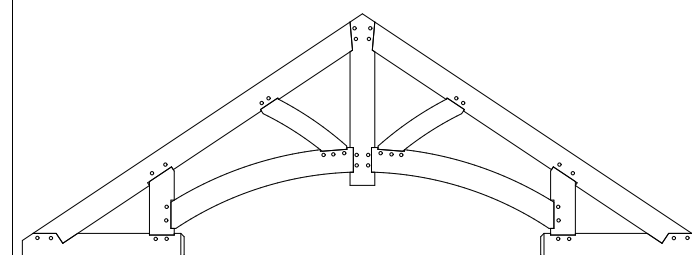
Roof Package Coverage

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



Wall Package Coverage

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



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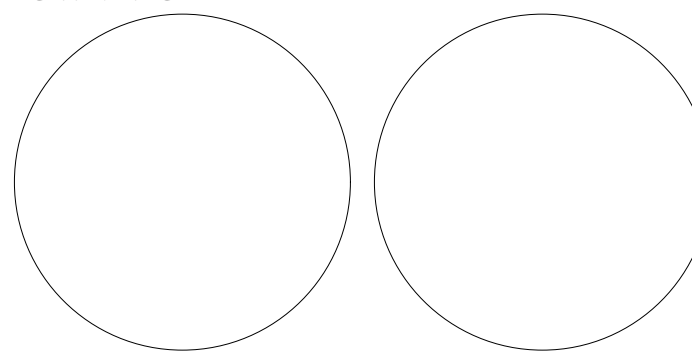
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SHEET TITLE:

Wall & Roof
Package

A-702



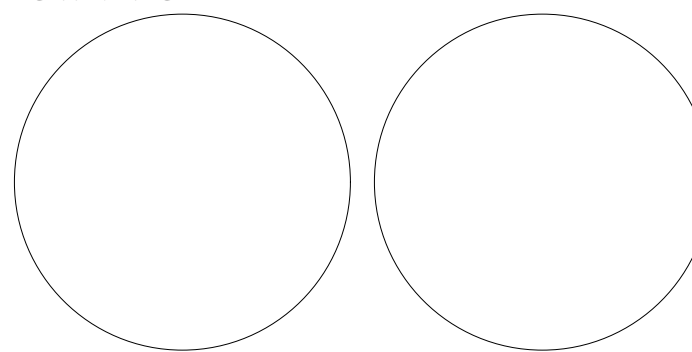
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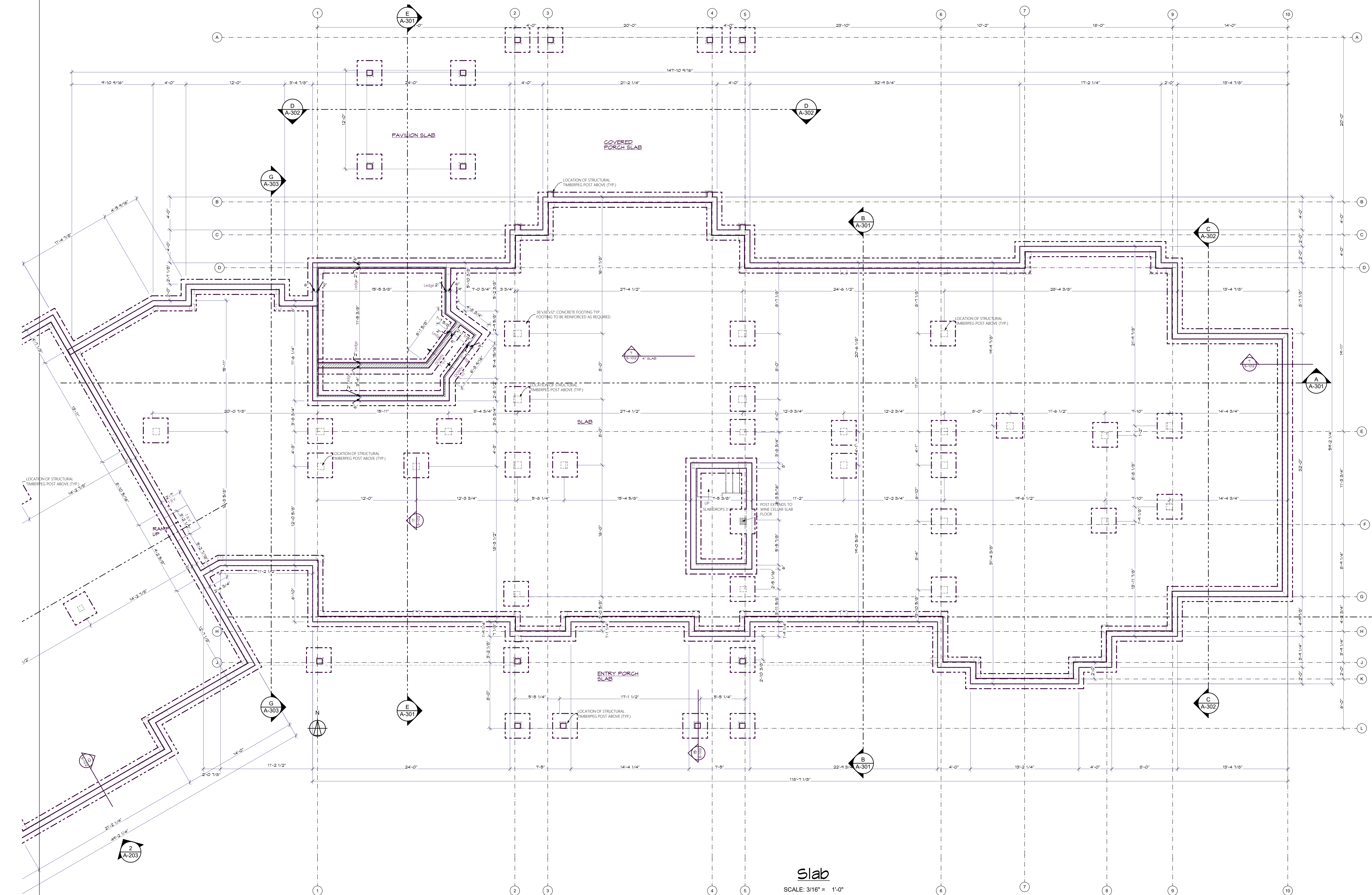
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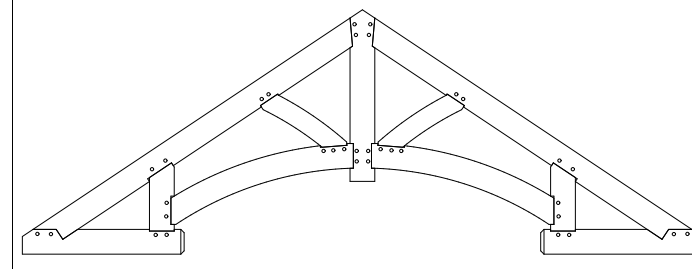
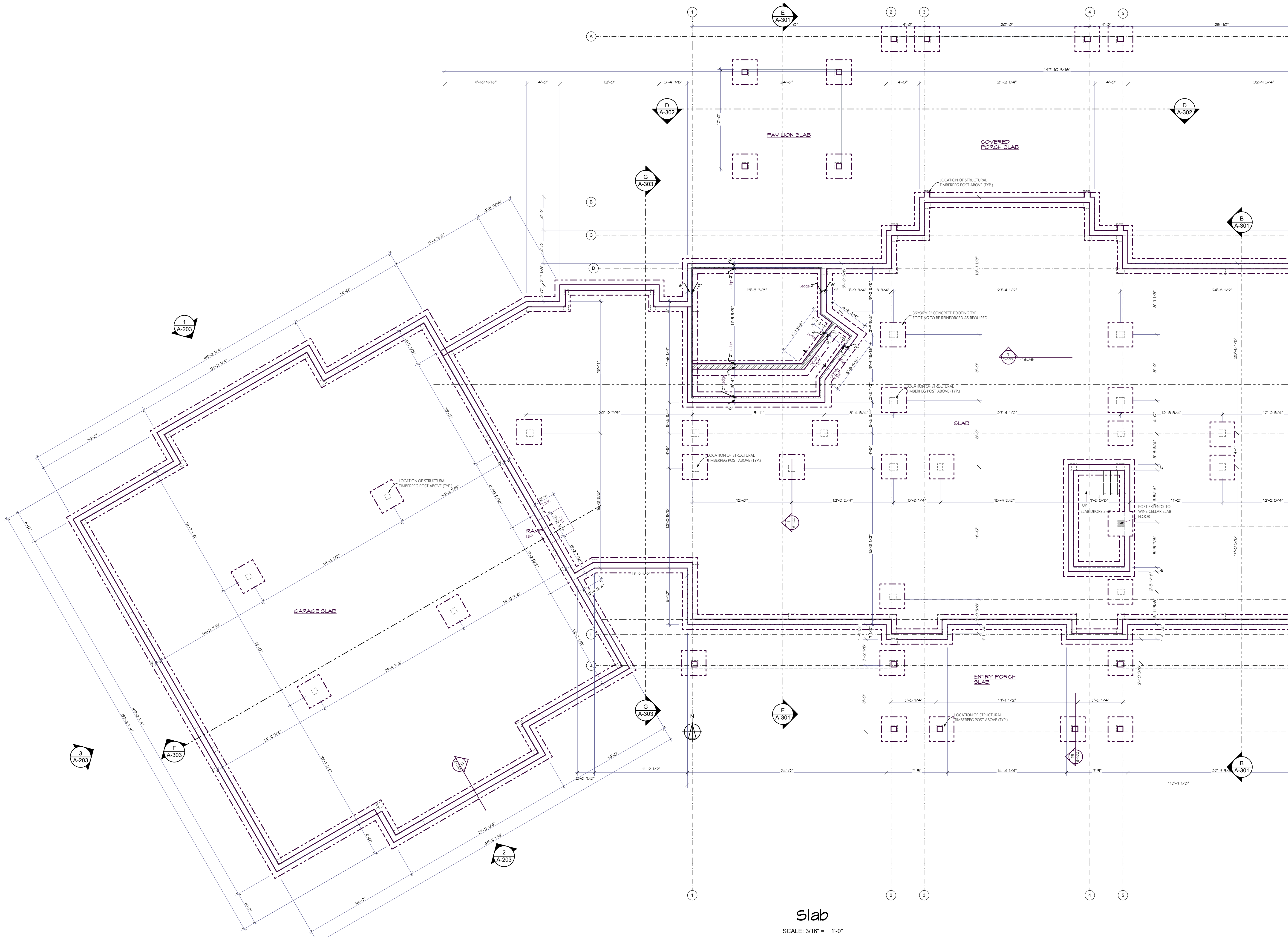
Foundation Plan

S-101



Slab

SCALE: 3/16" = 1'-0"



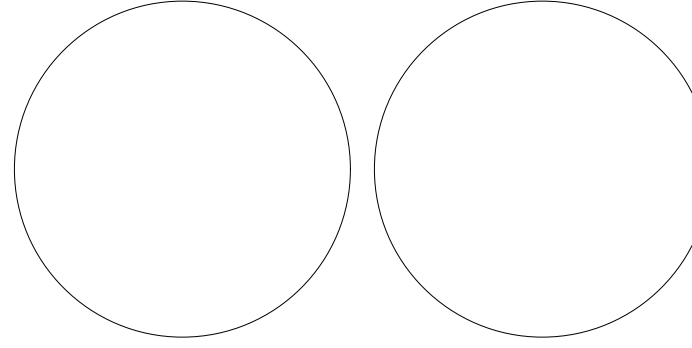
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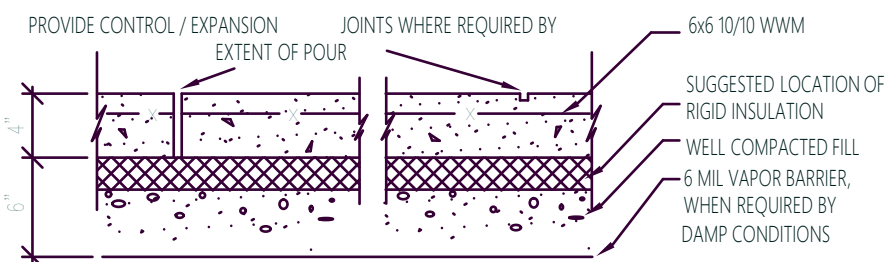
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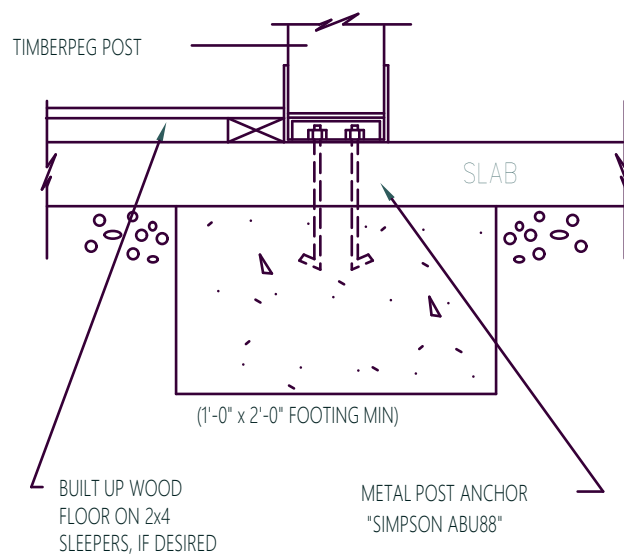
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Foundation Plan
2

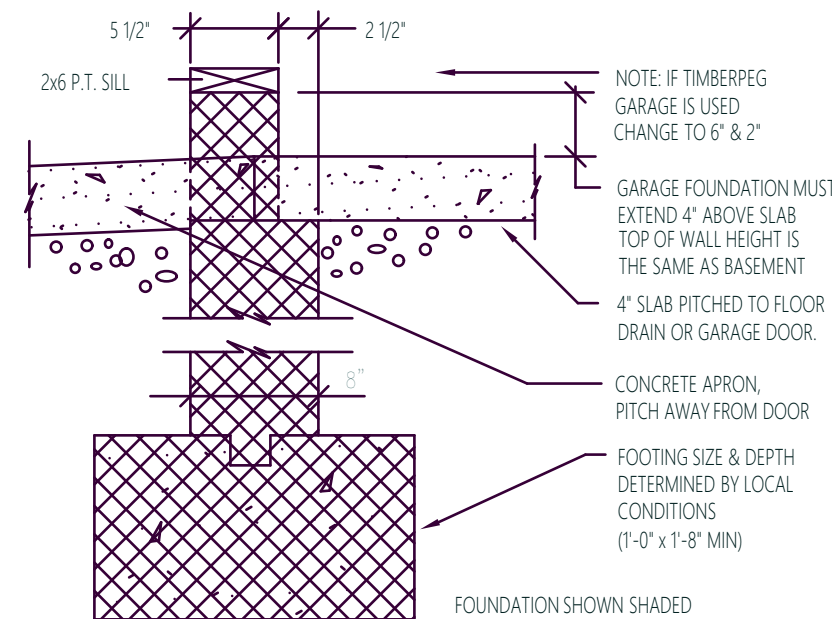
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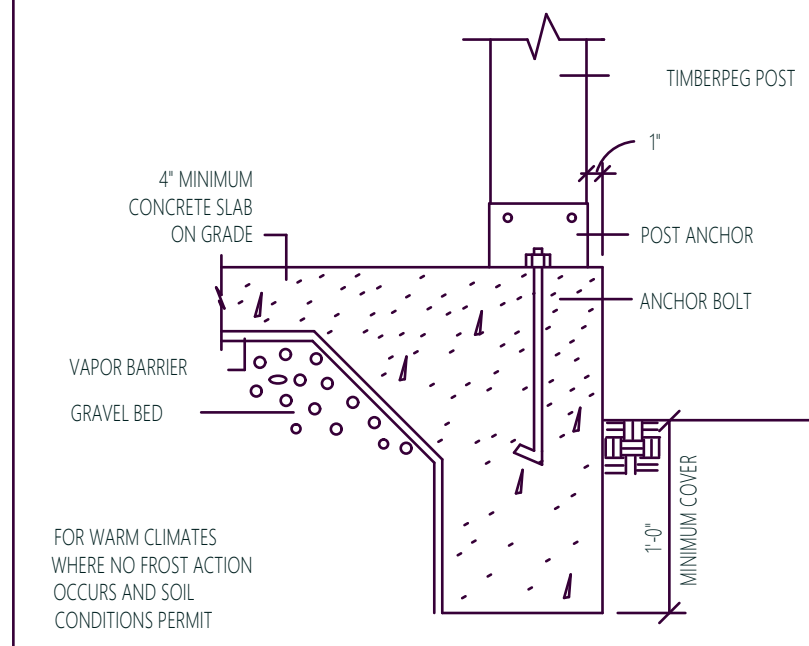
7 TYPICAL SLAB
SCALE 1" = 1'-0"



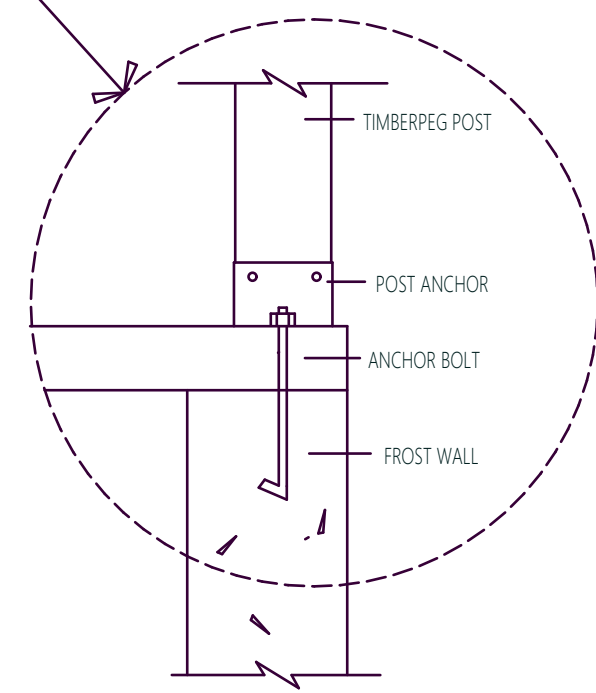
11 INTERIOR POST AT SLAB DETAIL
SCALE 1" = 1'-0"



12 GARAGE DROP WALL 8" AT GARAGE DOORS AS SHOWN
SCALE 1" = 1'-0"



ALTERNATE PORCH WALL



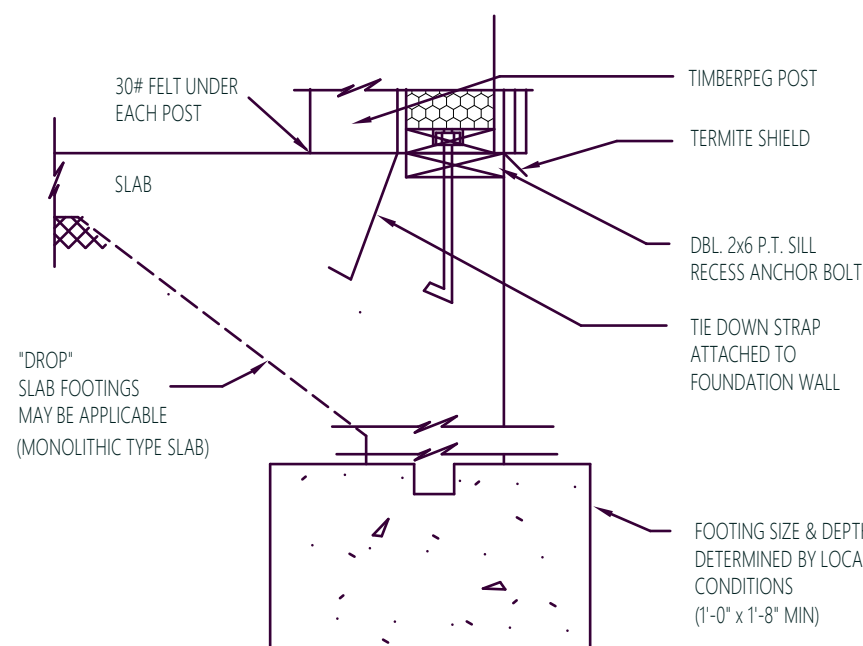
15 PORCH SLAB DETAIL
SCALE 1" = 1'-0"

GENERAL NOTES:
ALL DETAILS TO BE VERIFIED BY OTHERS
REFER TO FOUNDATION PLAN "S-101" FOR USE OF THESE DETAILS

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THIS DRAWING IS PROVIDED AS AN AID TO THE BUILDER TO COMPLETE THE FOUNDATION WORK. BUILDER SHOULD REVIEW DETAILS WITH OWNER AND ADJUST DETAILS TO MEET LOCAL CODES AND CLIMATE CONDITIONS.
- ULTIMATE COMPRESSIVE STRENGTH FOR WALLS - 2500 PSI @ 28 DAYS
ULTIMATE COMPRESSIVE STRENGTH FOR SLABS - 3000 PSI @ 28 DAYS
- FOOTINGS OF ADEQUATE SIZE SHALL BE PROVIDED WHEN NECESSARY TO PROPERLY DISTRIBUTE THE LOAD WITHIN THE ALLOWABLE BEARING PRESSURE OF THE SOIL.
- SOIL BEARING CAPACITY FOR FOOTINGS SHOWN, SHALL NOT BE LESS THAN 2500 PSF.
- THESE DETAILS APPLY TO SINGLE FAMILY RESIDENCES ONLY.
- ADDITIONAL ENGINEERING WILL BE REQUIRED FOR "UNSTABLE SOIL" CONDITIONS AND ESPECIALLY IF GROUND WATER IS HIGH ENOUGH TO RESULT IN WATER PRESSURE ON THE WALL AND UNDER THE SLAB.

RECOMMENDED PROCEDURES:

- INITIATE RADON SUB-SOIL INVESTIGATION PRIOR TO EXCAVATION. FOOTING AND DRAIN INSTALLATION IF RADON LEVELS ARE HIGH, REFER TO THE EPA'S RADON REDUCTION METHOD OF WALL VENTILATION. (EPA-86-005)
- FRAME FIRST FLOOR PRIOR TO BACKFILL.
- BACKFILL AT WALLS AND BELOW SLABS WITH CLEAN, GRADED AND PROCESSED MATERIALS. SAND, STONE AND GRAVEL DO NOT BACKFILL WITH SITE EXCAVATED MATERIALS.
- PRIOR TO CONSTRUCTION OF TIMBER FRAME, ALL 1st FLOOR FRAMING MUST BE IN PLACE AND LEVEL AND ALL INTERIOR STEEL COLUMNS SHOULD BE PERMANENTLY SET.



10 TYPICAL SLAB TO WALL DETAIL
SCALE 1" = 1'-0"

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INTERNATIONAL CODE COUNCIL®

CONSULTANTS:

STAMPS:



WS RANCH
Johnson Canyon Rd
Kanab UT 84741

NO	DATE	DESCRIPTION	BY	APP
4	07.27.21	Construction-Rev D	Cbr	
3	06.26.21	Rev C	Cbr	
2	06.21.21	Rev B	Cbr	
1	05.25.21	Rev A	Cbr	
0	05.16.21	Preliminary	Cbr	

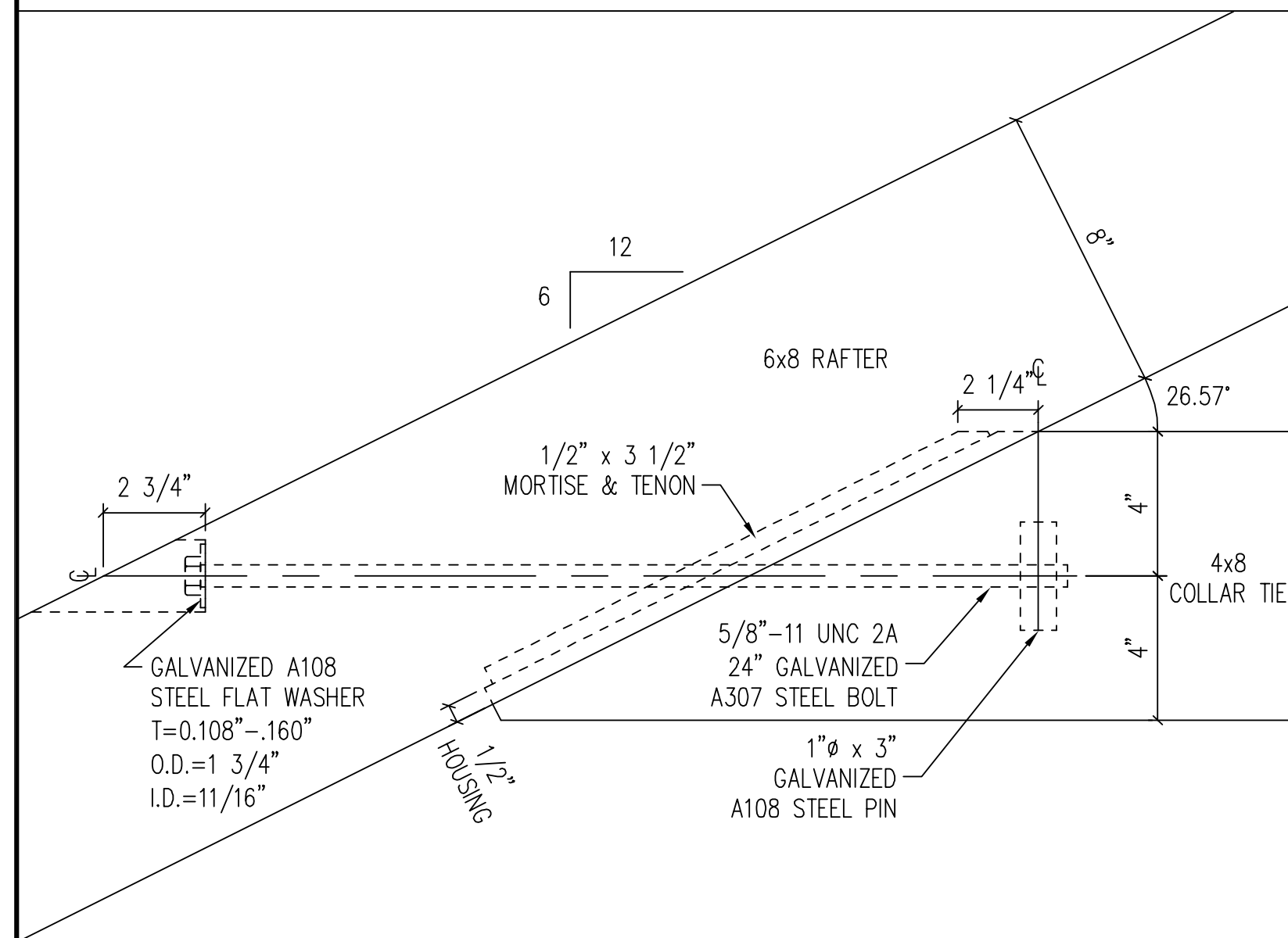
PROJECT NO: T-01564
PROJECT NAME: WS RANCH
DEALER/RM: Marty Borges/Mike Pollari
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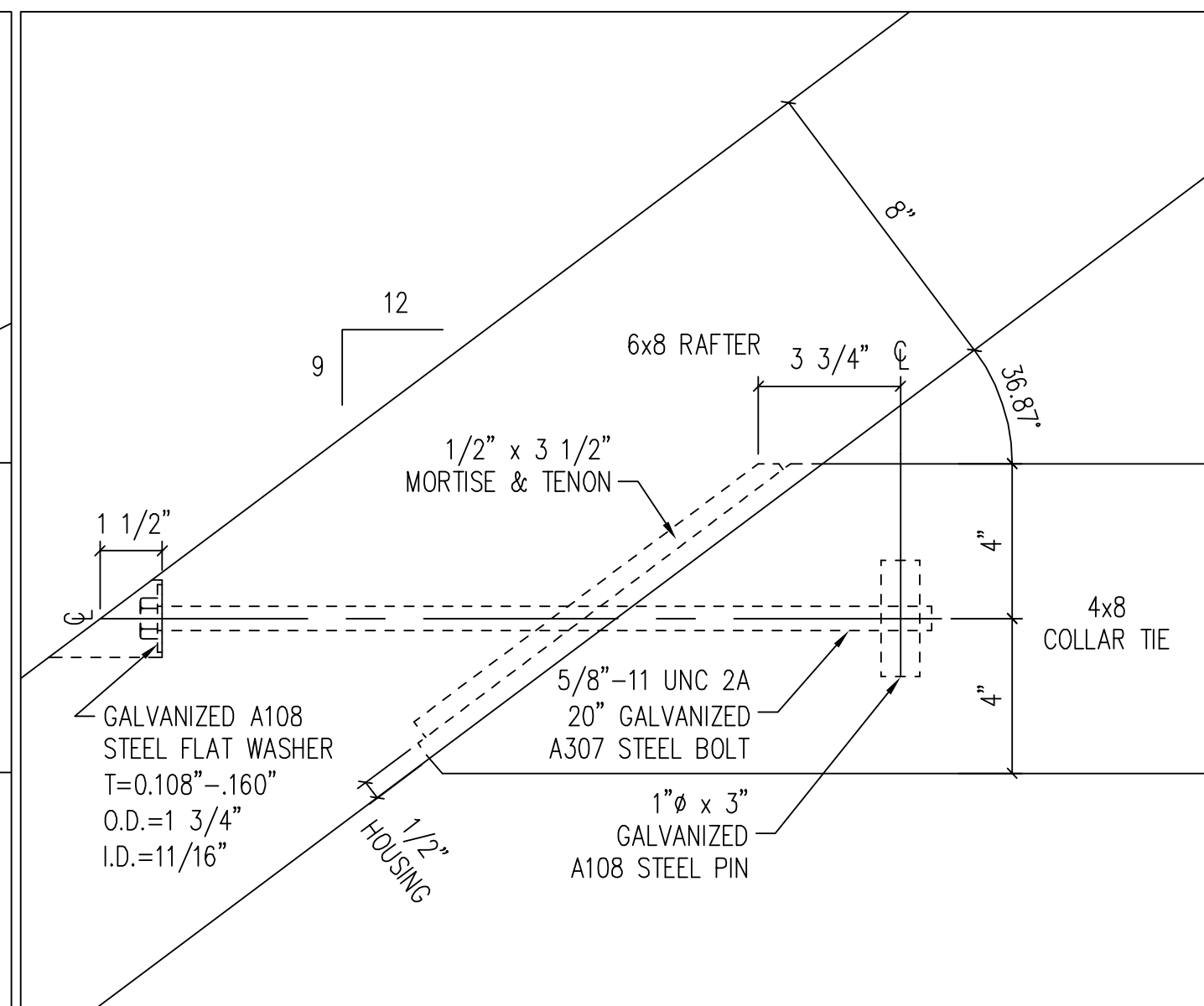
SHEET TITLE:
Foundation Details

S-102

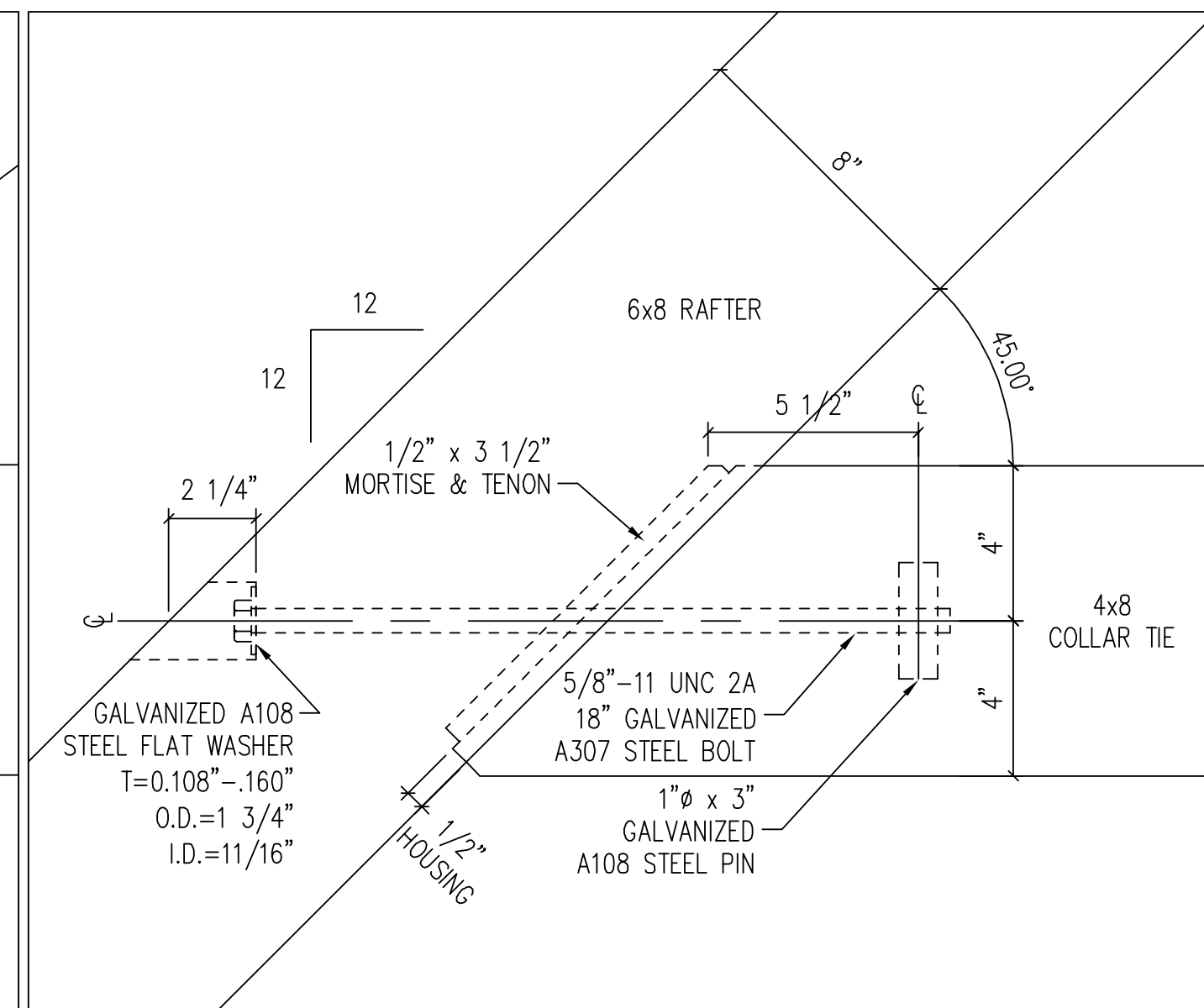
TYPICAL BOLTED TIMBER CONNECTIONS



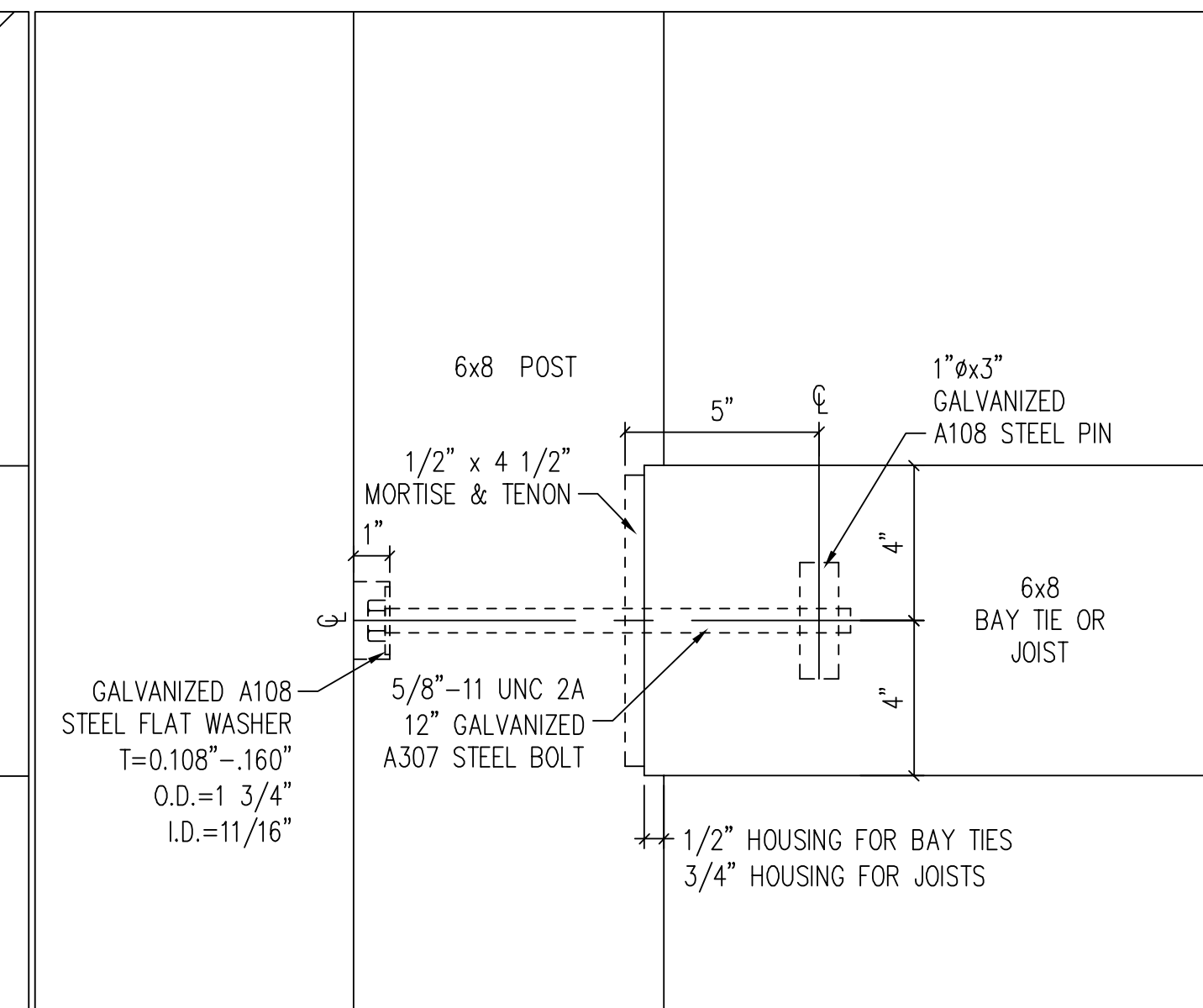
4x8 COLLAR TIE TO 6x8 RAFTER, 6:12, EASTERN WHITE PINE NO.2
3'-1'-0"



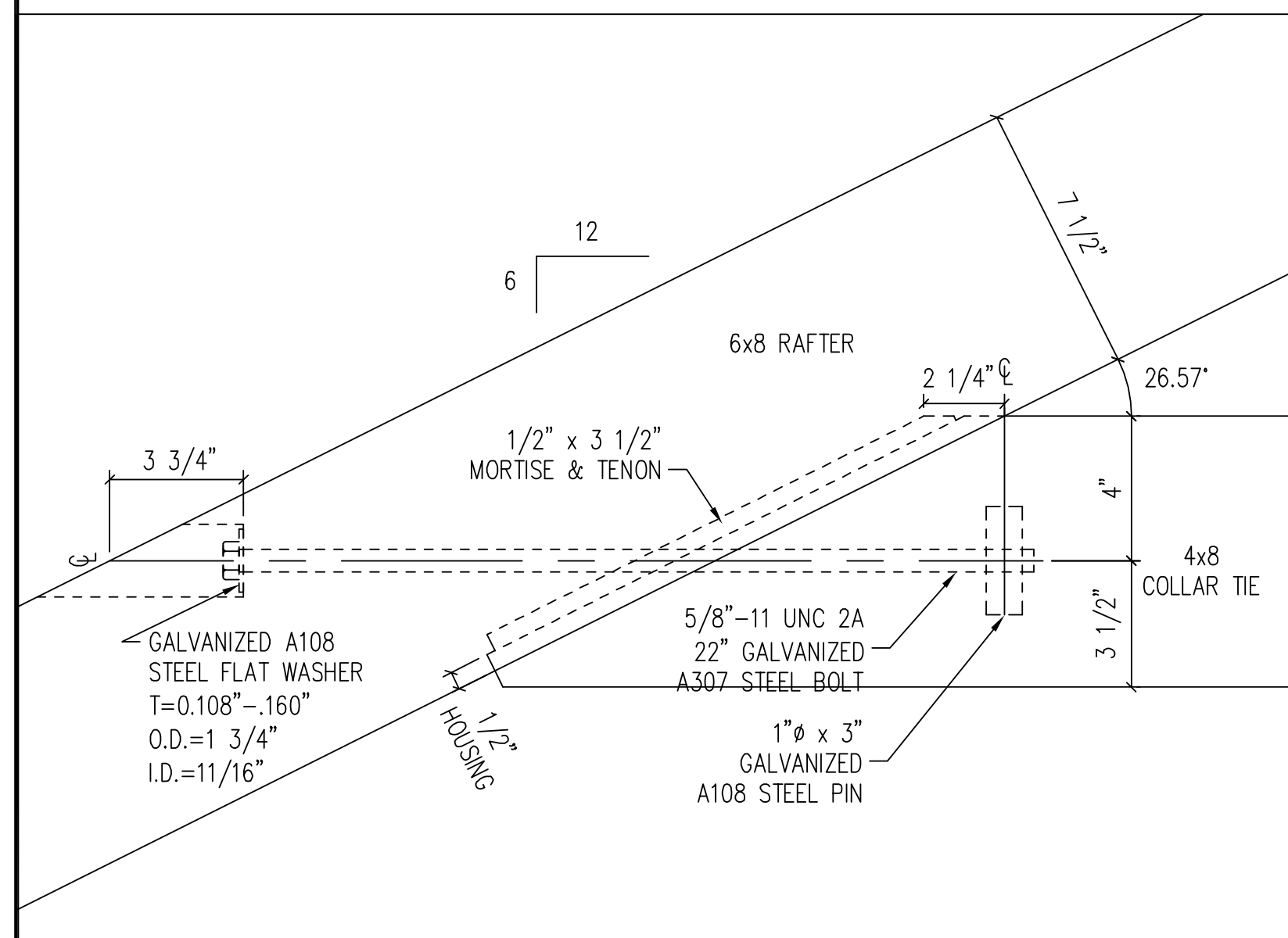
4x8 COLLAR TIE TO 6x8 RAFTER, 9:12, EASTERN WHITE PINE NO.2
3'-1'-0"



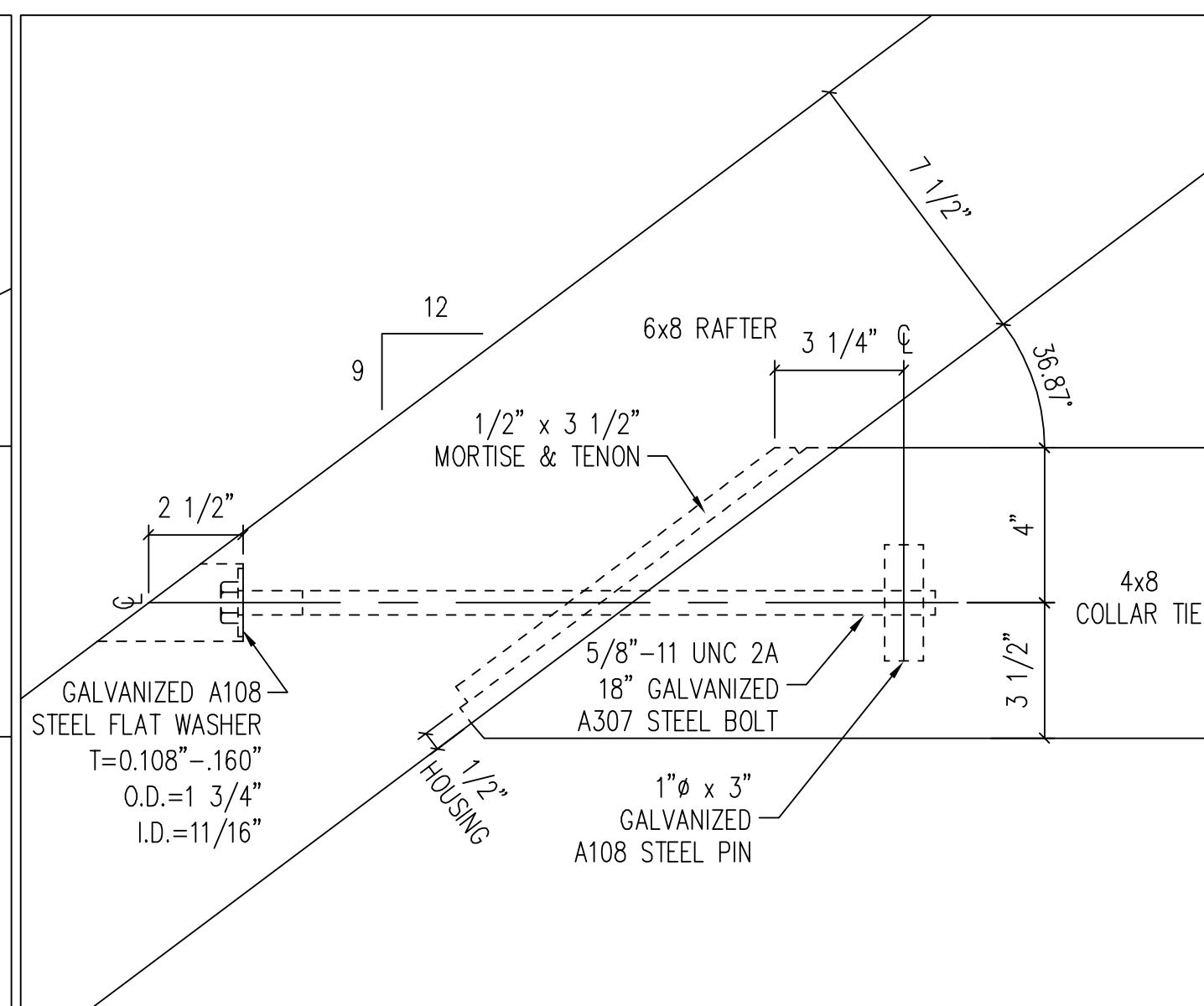
4x8 COLLAR TIE TO 6x8 RAFTER, 12:12, EASTERN WHITE PINE NO.2
3' = 1'-0"



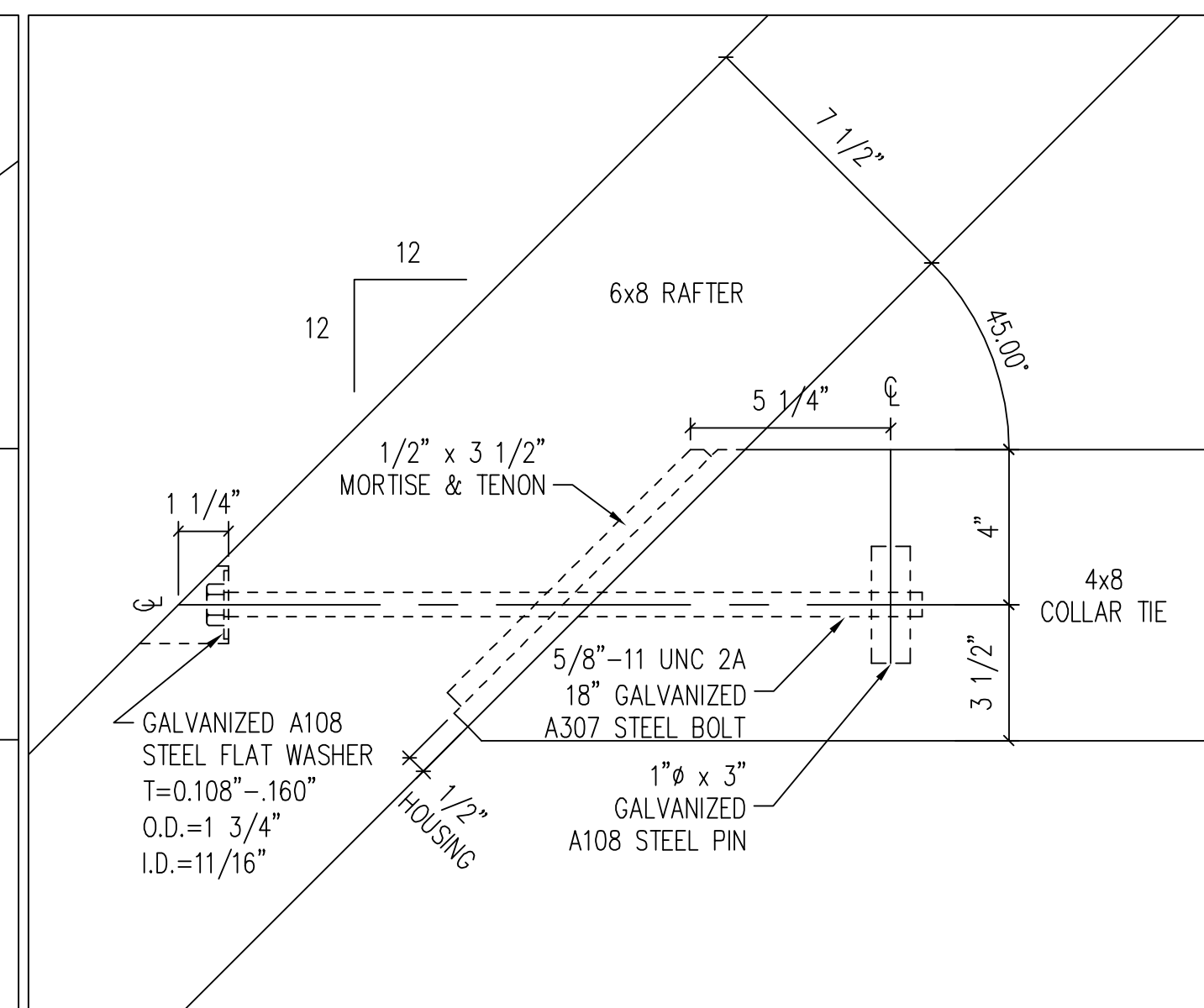
6x8 BAY TIE TO 6x8 POST, EASTERN WHITE PINE NO.2
3"=1'-0"



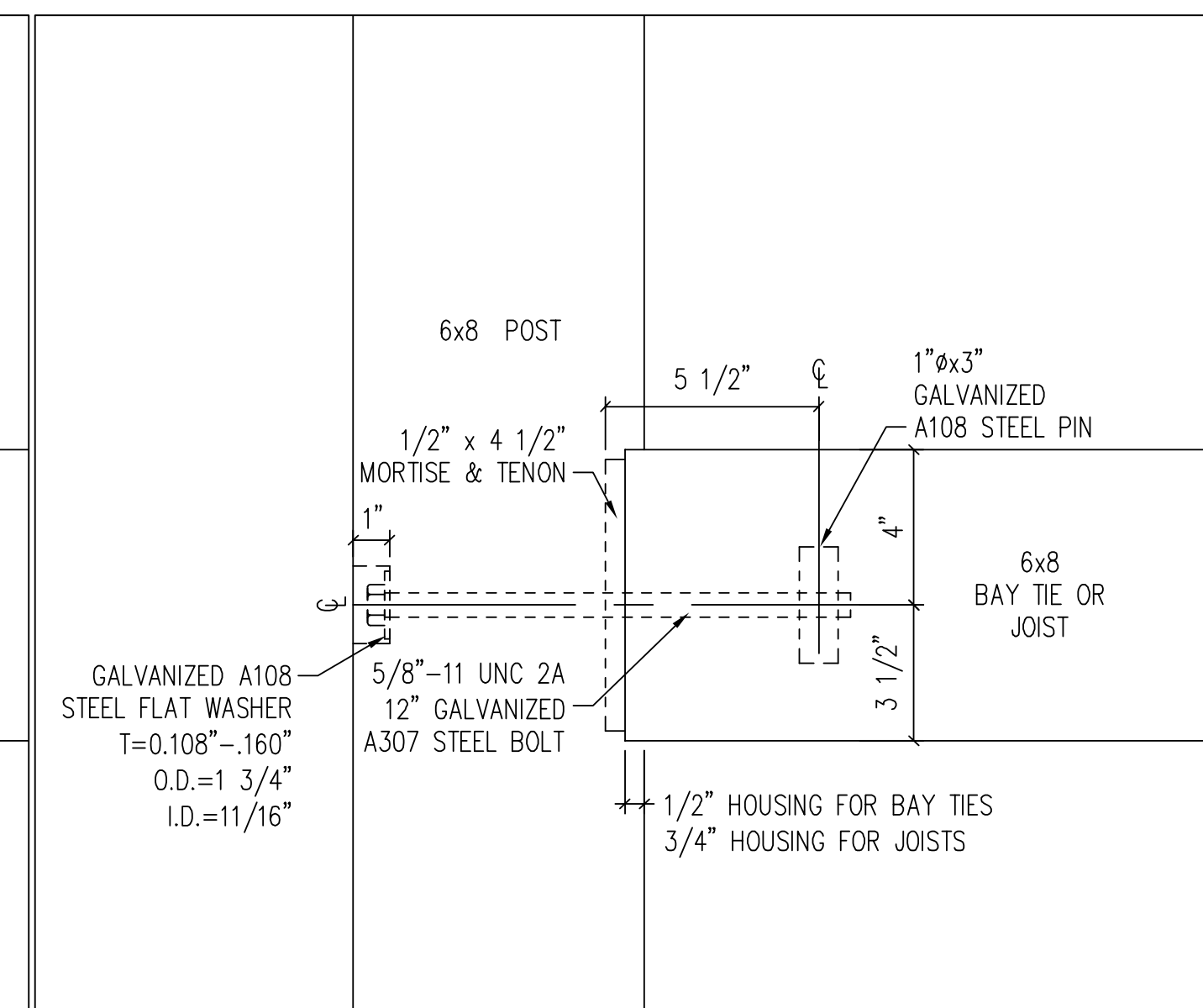
4x8 COLLAR TIE TO 6x8 RAFTER, 6:12, DOUGLAS FIR SELECT
3"=1'-0"



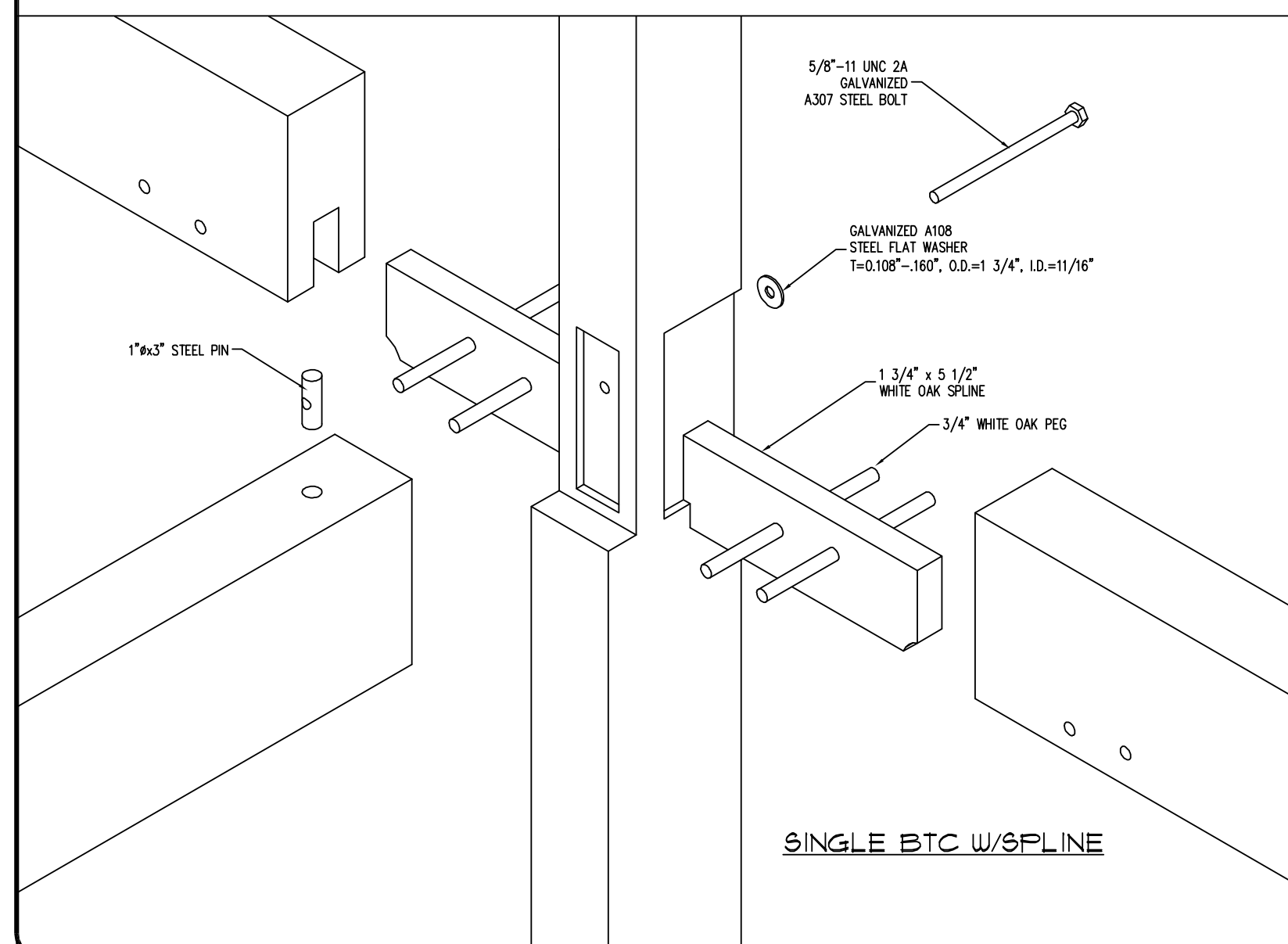
4x8 COLLAR TIE TO 6x8 RAFTER, 9:12, DOUGLAS FIR SELECT
3' = 1'-0"



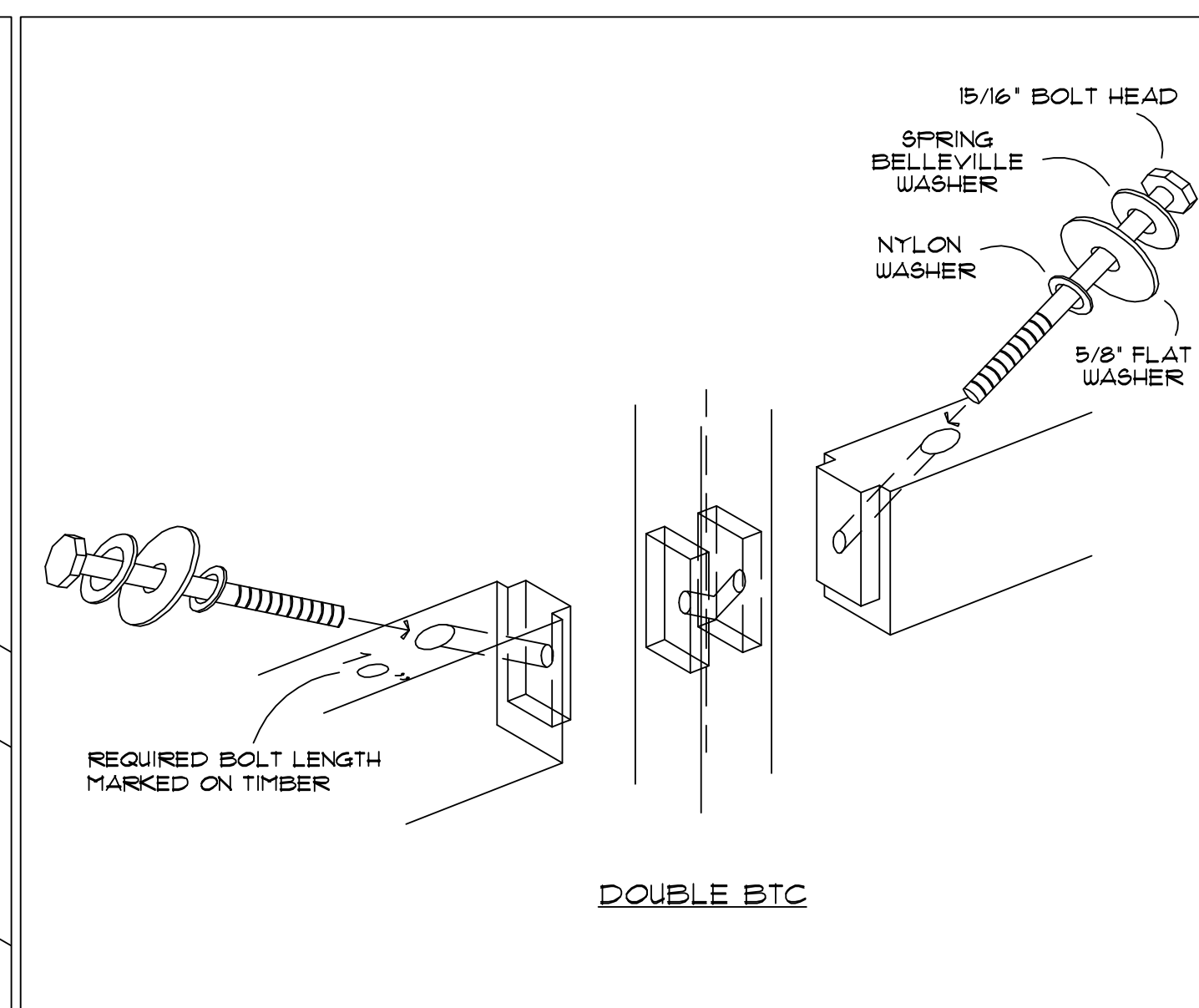
4x8 COLLAR TIE TO 6x8 RAFTER, 12:12, DOUGLAS FIR SELECT



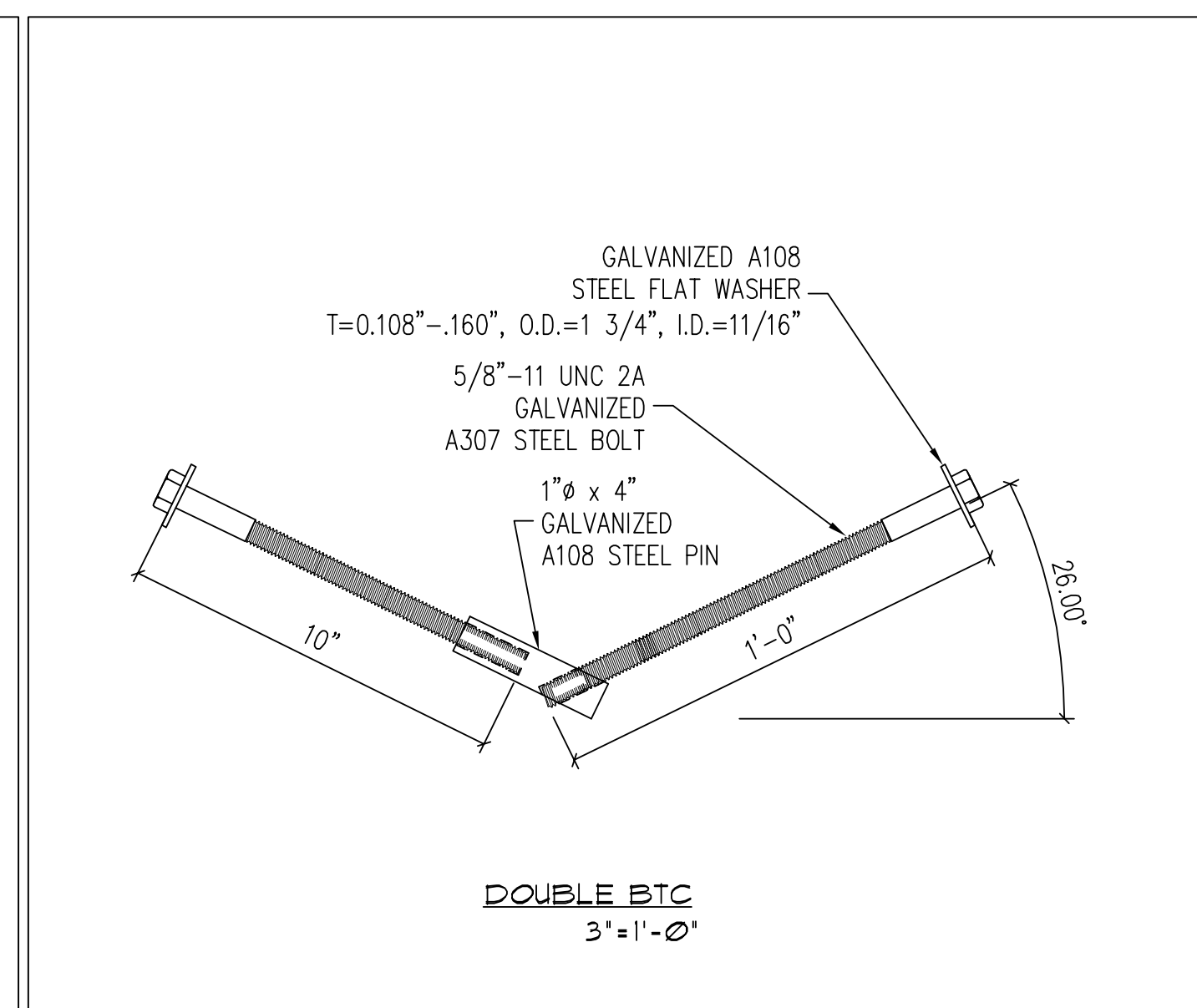
6x8 BAY TIE TO 6x8 POST, DOUGLAS FIR SELECT
3" = 1'-0"



SINGLE BTC W/SPLINE



DOUBLE BTC



DOUBLE BTC
3"=1'-0"

BOLT LENGTH: EACH BOLTED TIMBER CONNECTION IS MARKED FOR THE PROPER LENGTH BOLT ON THE TIMBER

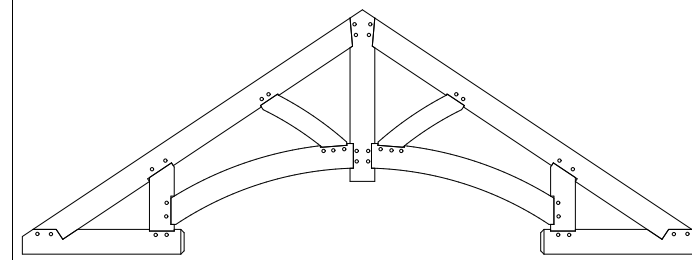
TOOLS REQUIRED: 15/16" SOCKET WITH 1/2" DRIVE, Mallet, HAND FLARE SAND PAPER

INSTRUCTIONS: MAKE SURE FRAME MEMBERS ARE IN CORRECT LOCATION AND ALIGNMENT BEFORE TIGHTENING BOLTS. AT DOUBLE BOLTED CONNECTIONS, BOTH BOLTS MUST BE TIGHTENED AT THE SAME TIME. TIGHTEN BOLTS UNTIL THE SPRING WASHERS ARE FLAT. AFTER THE END FRAME IS ERECTED, RE-TIGHTEN ALL THE BOLT CONNECTIONS.

TAPERED WOOD PLUGS ARE PROVIDED FOR EXPOSED CONNECTIONS. PLACE GLUE ON THE EDGE OF THE PLUG AND DRIVE INTO PLACE MAKING SURE THAT THE GRAIN OF THE PLUG MATCHES THAT OF THE MAIN TIMBER. SAND OR PLANE PLUG UNTIL SMOOTH AND FLUSH WITH THE TIMBER.

Angle of Load To Grain, degrees	BTC Capacity, lbs	
	EWP #2	Douglas Fir Select
26.57	802	2000
36.87	810	1876
45.00	817	1780
90.00	843	1505

CAPACITIES ARE BASED ON 2005 NDS SECTION 3.10 FOR WASHER BEARING, SECTION 11.3 FOR DOWEL BEARING, $C_p = 1.0$
INCREASED CAPACITIES MAY BE ACHIEVED USING LARGER WASHERS OR DOWELS IF SPECIFIED BY ENGINEER.



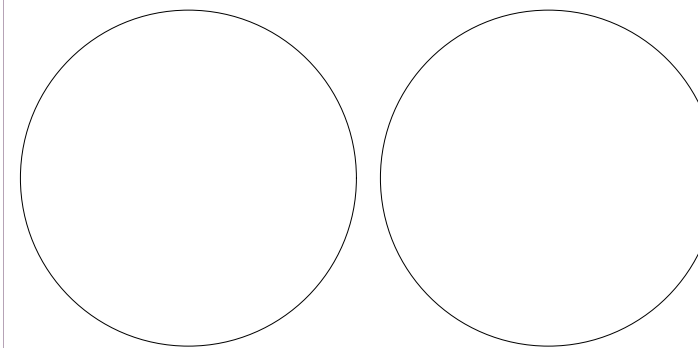
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STAMPS:



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4	07.27.21	Construction-Rev D	Cor	
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NO.	DATE	DESCRIPTION	BY	AI

PROJECT NO:	T-01564
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PROJECT NAME: WS RANCH
DEALER/RM: Marty Borges/Mike Pollari
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SHEET TITLE:

Bolted Timber Connection

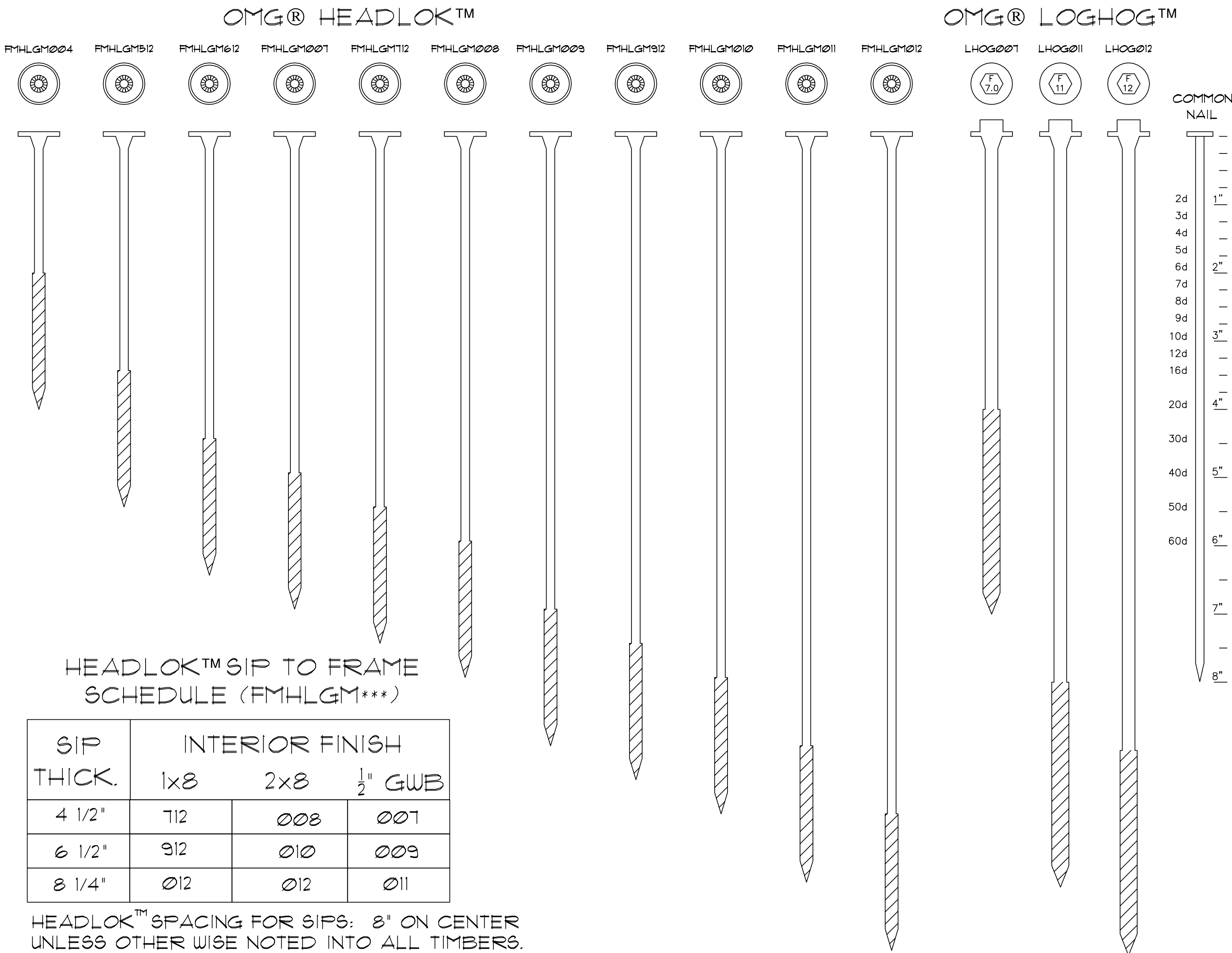
S-201

TIMBERPEG MATERIAL FASTENERS

OMG® HEADLOK™ (FMHLGM) AND LOGHOG™ (LHOG) FASTENERS SHALL BE MANUFACTURED AND INSTALLED IN ACCORDANCE WITH ICC EVALUATION SERVICE REPORT ESR-1018 UNO.

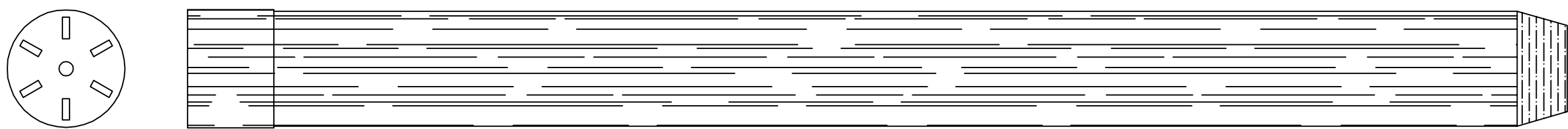
USP STRUCTURAL CONNECTORS™ KST224 STRAP TIES SHALL BE MANUFACTURED AND INSTALLED IN ACCORDANCE WITH NATIONAL EVALUATION SERVICE REPORT NER-530 UNO.

TIMBERPEG WHITE OAK PEGS: 1"Ø by 12" LONG FOR PINE FRAMES
3/4"Ø by 12" LONG FOR FIR FRAMES UNLESS NOTED OTHERWISE. SEE FRAME DRAWINGS FOR LOCATION & NUMBER OF PEGS.

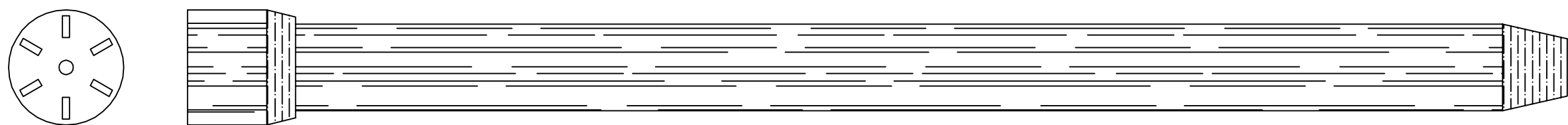


HEADLOK™ SPACING FOR SIPs: 8" ON CENTER UNLESS OTHER WISE NOTED INTO ALL TIMBERS. LONGER HEADLOCKS SUPPLIED FOR USE AT VALLEYS OR HIPs.

1"Ø OAK PEG



3/4"Ø OAK PEG



WALL FRAMING

CONNECTION	FASTENER	NOTE
POSTS TO SUBFLOOR	(2)–16d SPIRAL SHANK GAL. FINISH NAILS PER FACE	BLOCKING REQUIRED BELOW
POSTS TO HEADER OR PLATE	PEG	
GIRT TO POST	PEG, METAL STRAP TIE, OR (2)–16d GAL. COMMON NAILS	
BRACES TO POSTS & PLATES	PEG	
GIRT TO RAFTER (HALF LAP)	PEG	PER FRAME DRAWINGS
SECOND FLOOR POST TO PURLINS, PLATES AND RIDGE BEAMS	PEG	
PURLIN TIE TO PURLIN	BTC IF PROVIDED OR (2)–FMHLGM712 FASTENERS AT GABLES	
PLATE TO GABLE	METAL STRAP TIE	PER FRAME DRAWINGS

FLOOR FRAMING

CONNECTION	FASTENER	NOTE
MAIN GIRDER TO POST	PEG	
JOIST TO GIRDER	DOVETAIL TENON	
JOIST TO HEADER	DOVETAIL TENON	
JOIST TO POST	PEG OR DOVETAIL TENON	
WALL TIE TO POST	PEG OR DOVETAIL TENON	PER FRAME DRAWINGS
WALL TIE TO PLATE	BTC	

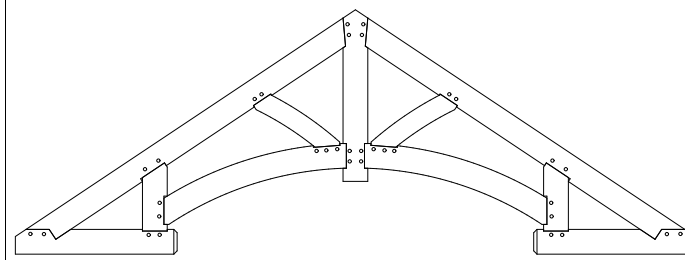
ROOF FRAMING

CONNECTION	FASTENER	NOTE
RAFTER TO PLATE	STD. SEAT CUT: LHOG012 FASTENER HOUSED BIRDSMOUTH: LHOG011 FASTENER	4" WIDTH RAFTER – 1 EA. 6" WIDTH RAFTER – 2 EA. 4" WIDTH RAFTER – 1 EA. 6" WIDTH RAFTER – 2 EA.
RAFTER TO RIDGE BEAM	LHOG012 FASTENER	4" WIDTH RAFTER – 1 EA. 6" WIDTH RAFTER – 2 EA.
RAFTER TO PURLIN	LHOG012 FASTENER	4" WIDTH RAFTER – 1 EA. 6" WIDTH RAFTER – 2 EA.
HIP RAFTER TO PLATE	LHOG012 FASTENER	2 INTO PLATE
VALLEY RAFTERS OVER PURLIN	LHOG007 FASTENER	2 EA. THRU TO PURLIN & RAFTER
VALLEY RAFTER TO HEADER	LHOG007 FASTENER	2 EA. THRU TO HEADER
JACK RAFTERS TO VALLEY OR HIP	LHOG007 FASTENER	2 EA.

PACKAGE MATERIALS

REFER TO DRAWINGS 'A-501' - 'A-505' FOR ACTUAL PACKAGE MATERIAL FASTENING SCHEDULE

MATERIAL	FASTENER	NOTE
2x8 TONGUE & GROOVE DECKING	16d HOT DIP GAL. COMMON NAILS (B.O.) NAIL AT TONGUE & FACE NAIL 2 PER TIMBER U.N.O. AND FACE NAIL AT 4" O.C. TO VERTICAL TIMBERS U.N.O.	STAGGER JOINTS RANDOMLY OVER JOISTS (MIN. 1/2" PLYWOOD OVER FLOOR RECOMMENDED, SEE DWG. 'CS' FOR FASTENING)
1x8 TONGUE & GROOVE DECKING	8d HOT DIP GAL. COMMON NAILS (B.O.) – TOE NAIL AT TONGUE & FACE NAIL 2 PER TIMBER U.N.O.	
2x4 & 2x6 BLOCKING	FMHLGM004 or FMHLGM512 – 2 PER TIMBER CROSSING OR 24" O.C.	
JETBLOCK ASSEMBLY	8d or 16d HOT DIP GAL. COMMON NAILS (B.O.)–1x12 BOARD TO JETBLOCK THEN FMHLGM007 FOR 3" INSULATION FMHLGM008 FOR 4" INSULATION FMHLGM009 FOR 5" INSULATION THRU BOARD TO PLATE & RAFTERS	ASSEMBLE JETBLOCKS & 1x12 BOARDS THEN NAIL TO EAVE BLOCKING AND PLATE
ISOCYANURATE INSULATION	INSULATION HELD IN PLACE BY STRAPPING, TACK IN PLACE WITH CAP NAILS AS REQUIRED.	TACK TO HOLD IN PLACE, TAPE SEAMS & SEAL ALL GAPS WITH FOAM
1x4 STRAPPING FOR SIDING	8d HOT DIP GAL. COMMON NAILS TO BLOCKING FMHLGM612 FASTENERS AT 3" INSULATION THRU TO FRAME FMHLGM712 FASTENERS AT 4" INSULATION THRU TO FRAME FMHLGM008 FASTENERS AT 5" INSULATION THRU TO FRAME FMHLGM010 FASTENERS AT 5" INSULATION AND W/S THRU TO FRAME FMHLGM011 FASTENERS AT 6" INSULATION AND W/S THRU TO RAFTERS	
1x4 DOUBLE STRAPPING FOR ASPHALT OR METAL ROOFING	HORIZONTAL STRAPPING: FMHLGM712 FASTENERS AT 4" INSULATION FMHLGM008 FASTENERS AT 5" INSULATION FMHLGM009 FASTENERS AT 6" INSULATION FMHLGM008 FASTENERS AT 4" INSULATION AND W/S FMHLGM010 FASTENERS AT 5" INSULATION AND W/S FMHLGM011 FASTENERS AT 6" INSULATION AND W/S THRU TO RAFTERS VERTICAL STRAPPING: (2) 6d GALVANIZED NAILS (B.O.) 2-PER HORIZONTAL STRAPPING VERTICAL STRAPPING (SIPS): (2) #8x1 3/4" GALVANIZED WOOD SCREWS (B.O.) @ 12" O.C.	REFER TO SHINGLE ROOF APPLICATION DETAIL
1x6 STRAPPING FOR SHAKE ROOF	HORIZONTAL STRAPPING: FMHLGM712 FASTENERS AT 4" INSULATION FMHLGM008 FASTENERS AT 5" INSULATION FMHLGM009 FASTENERS AT 6" INSULATION FMHLGM008 FASTENERS AT 4" INSULATION AND W/S FMHLGM010 FASTENERS AT 5" INSULATION AND W/S FMHLGM011 FASTENERS AT 6" INSULATION AND W/S THRU TO RAFTERS	
RED CEDAR SHAKES	6d HOT DIP GAL. BOX NAIL – 2 PER SHAKE	REFER TO SHAKE ROOF APPLICATION DETAIL
CEDAR SHINGLES (WHITE or RED)	4d HOT DIP GAL. (B.O.) – 2 PER SHINGLE – BY OTHERS	REFER TO SHINGLE ROOF APPLICATION DETAIL
1/2"x 6" CLAPBOARDS (4 1/2" EXP.)	6d STAINLESS STEEL RING SHANK NAILS (FACE NAIL AT VERTICAL STRAPPING) 2 PER SQ. FT. OF SIDING NAIL 1 1/8" FROM BOTTOM (JUST MISSING CLAP BELOW) NAIL 1 1/4" FROM BOTTOM	NAIL HEADS FLUSH TO SURFACE
1/2"x 8" CLAPBOARDS (6 1/4" EXP.)		
BOARD & BATTEN	8d STAINLESS STEEL RING SHANK NAILS FOR 1x12 BOARDS – 2 PER SQ. FT. OF SIDING 10d STAINLESS STEEL RING SHANK NAILS FOR 1x3 BATTENS – 2 PER SQ. FT. OF SIDING	
HARDPLANK®	6d STAINLESS STEEL RING SHANK NAILS – 2 PER SQ. FT. OF SIDING	REFER TO INSTALLATION GUIDELINES FOR JAMES HARDIE®SIDING PRODUCTS
VERTICAL EXTERIOR SIDING:		
1x6 TONGUE & GROOVE CEDAR	6d STAINLESS STEEL RING SHANK NAILS – TOE NAIL INTO TONGUE AT HORIZONTAL STRAPPING	
1x8 CHANNEL RUSTIC CEDAR	6d STAINLESS STEEL RING SHANK NAILS – FACE NAIL 2 AT HORIZONTAL STRAPPING	
1x8 VERTICAL CEDAR SHIPLAP	6d STAINLESS STEEL RING SHANK NAILS – 2 PER SQ. FT. OF SIDING	
STRUCTURAL INSULATED PANELS	OMG HEADLOK (SEE SCHEDULE FOR LENGTH) @ 8" O.C. UNLESS NOTED OTHERWISE	
WINDOWS	1 3/4" ROOFING NAILS (B.O.)	
TRIM (PINE & CEDAR)	8d STAINLESS STEEL COMMON NAILS	



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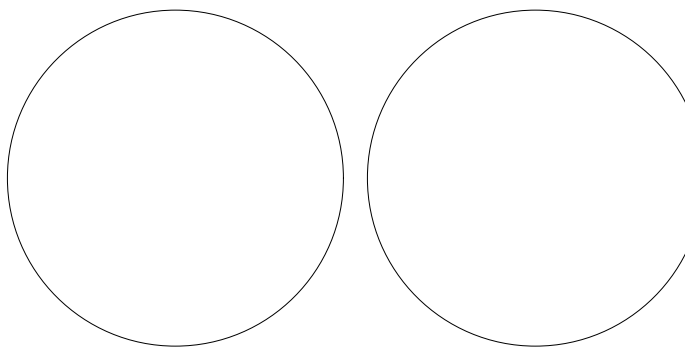
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STAMPS:



WS RANCH

Johnson Canyon Rd
Kanab UT 84741

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PROJECT NO: T-01564

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DEALER/RM: Marty Borges/Mike Pollari

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SHEET TITLE:

Fasteners
Schedule

S-202

THERMAL PROPERTIES OF TIMBERPEG COMPONENTS

WALL SECTION

COMPONENT R-VALUES

COMPONENT	W/ 2" ISO.	W/ 3" ISO.	W/ 4" ISO.	W/ 5" ISO.	W/ 6" ISO.
INSIDE SURFACE (STILL AIR)	0.68	0.68	0.68	0.68	0.68
1/8" TAG GFF (7/8" • 125)	1.09	1.09	1.09	1.09	1.09
ISOCTANURATE (1" • 6.5)	32.00	32.00	32.00	32.00	32.00
1" AIR SPACE	1.00	1.00	1.00	1.00	1.00
OUTSIDE SURFACE	0.17	0.17	0.17	0.17	0.17
TOTAL R-VALUE (EXTERIOR SIDING NOT INCLUDED)	15.94	22.44	28.94	35.44	41.94
NOTE: 1/2" GUS (45) • 1/2" PLYWOOD (.63) • 1.08					
TOTAL ASSEMBLY W/ EXTERIOR SIDING	R total	U total	R total	U total	R total
1/8" CHANNEL RUSTIC, BOARD • BATTEN, 1/8" TAG CEDAR (3/4" • 125)	0.94	16.88	0.059	23.38	0.043
WHITE CEDAR SHINGLES (R .51) W/ 1/2" PLYWOOD (R .63)	15.0	17.44	0.051	23.94	0.042
1/2" x 6" BEVEL RED CEDAR CLAPBOARDS (4 1/2" EXPOSURE) (1/2" • 125)	0.68	16.62	0.060	23.12	0.043

WALL SECTION

COMPONENT R-VALUES

COMPONENT	W/ 2" ISO.	W/ 3" ISO.	W/ 4" ISO.	W/ 5" ISO.	W/ 6" ISO.
INSIDE SURFACE (STILL AIR)	0.68	0.68	0.68	0.68	0.68
2x8 TAG GFF (1 1/2" • 125)	1.88	1.88	1.88	1.88	1.88
1/2" PLYWOOD BACKER (1/2" • 125)	0.63	0.63	0.63	0.63	0.63
ISOCTANURATE (1" • 6.5)	32.00	32.00	32.00	32.00	32.00
1" AIR SPACE	1.00	1.00	1.00	1.00	1.00
OUTSIDE SURFACE	0.17	0.17	0.17	0.17	0.17
TOTAL R-VALUE (EXTERIOR SIDING NOT INCLUDED)	17.36	23.86	30.36	36.86	43.36
TOTAL ASSEMBLY W/ EXTERIOR SIDING	R total	U total	R total	U total	R total
1/8" CHANNEL RUSTIC, BOARD • BATTEN, 1/8" TAG CEDAR (3/4" • 125)	0.94	18.30	0.055	24.80	0.040
WHITE CEDAR SHINGLES (R .51) W/ 1/2" PLYWOOD (R .63)	15.0	18.86	0.053	25.36	0.039
1/2" x 6" BEVEL RED CEDAR CLAPBOARDS (4 1/2" EXPOSURE) (1/2" • 125)	0.68	18.04	0.055	24.54	0.041

STRUCTURAL INSULATED PANELS (SIP)

FOAM CORE - EPS (EXPANDED POLYSTYRENE)

WALL SECTION

COMPONENT R-VALUES

COMPONENT	4 1/2" PANEL	6 1/2" PANEL	8 1/4" PANEL	10 1/4" PANEL			
INSIDE SURFACE (STILL AIR)	0.68	0.68	0.68	0.68			
1/8" TAG GFF (7/8" • 125)	1.09	1.09	1.09	1.09			
STRUCTURAL INSULATED PANEL (SIP)	16.00	23.00	30.00	38.00			
OUTSIDE SURFACE	0.17	0.17	0.17	0.17			
TOTAL R-VALUE (EXTERIOR SIDING NOT INCLUDED)	17.94	24.94	31.94	39.94			
NOTE: 1/2" GUS (45)							
TOTAL ASSEMBLY W/ EXTERIOR SIDING	R total	U total	R total	U total			
1/8" CHANNEL RUSTIC, BOARD + BATTEN, 1/8" TAG CEDAR (3/4" • 125)	0.94	18.88	0.053	32.88	0.030	40.88	0.024
WHITE CEDAR SHINGLES (R .51)	0.51	18.81	0.053	32.81	0.030	40.81	0.025
1/2" x 6" BEVEL RED CEDAR CLAPBOARDS (4 1/2" EXPOSURE) (1/2" • 125)	0.68	18.62	0.054	32.62	0.031	40.62	0.025

STRUCTURAL INSULATED PANELS (SIP)

FOAM CORE - XPS (EXTRUDED POLYSTYRENE)

WALL SECTION

COMPONENT R-VALUES

COMPONENT	4 1/2" PANEL	6 1/2" PANEL	8 1/4" PANEL
INSIDE SURFACE (STILL AIR)	0.68	0.68	0.68
1/8" TAG GFF (7/8" • 125)	1.09	1.09	1.09
STRUCTURAL INSULATED PANEL (SIP)	36.00	30.00	39.00
OUTSIDE SURFACE	0.17	0.17	0.17
TOTAL R-VALUE (EXTERIOR SIDING NOT INCLUDED)	21.94	31.94	40.94
NOTE: 1/2" GUS (45)			
TOTAL ASSEMBLY W/ EXTERIOR SIDING	R total	U total	R total
1/8" CHANNEL RUSTIC, BOARD • BATTEN, 1/8" TAG CEDAR (3/4" • 125)	0.94	22.88	0.044
WHITE CEDAR SHINGLES (R .51)	0.51	22.81	0.044
1/2" x 6" BEVEL RED CEDAR CLAPBOARDS (4 1/2" EXPOSURE) (1/2" • 125)	0.68	22.62	0.044

STRUCTURAL INSULATED PANELS (SIP)

FOAM CORE - POLYISO (URETHANE)

WALL SECTION

COMPONENT R-VALUES

COMPONENT	4 1/2" PANEL	6 1/2" PANEL	8 1/4" PANEL
INSIDE SURFACE (STILL AIR)	0.68	0.68	0.68
1/8" TAG GFF (7/8" • 125)	1.09	1.09	1.09
STRUCTURAL INSULATED PANEL (SIP)	24.00	24.00	24.00
OUTSIDE SURFACE	0.17	0.17	0.17
TOTAL R-VALUE (EXTERIOR SIDING NOT INCLUDED)	25.94	31.94	41.94
NOTE: 1/2" GUS (45)			
TOTAL ASSEMBLY W/ EXTERIOR SIDING	R total	U total	R total
1/8" CHANNEL RUSTIC, BOARD • BATTEN, 1/8" TAG CEDAR (3/4" • 125)	0.94	26.88	0.037
WHITE CEDAR SHINGLES (R .51)	0.51	26.81	0.037
1/2" x 6" BEVEL RED CEDAR CLAPBOARDS (4 1/2" EXPOSURE) (1/2" • 125)	0.68	26.62	0.038

ROOF SECTION

COMPONENT R-VALUES

COMPONENTS FOR A VENTED ROOF CEDAR SHINGLES AND OTHER ROOFS	W/ 2" ISO.	W/ 3" ISO.	W/ 4" ISO.	W/ 5" ISO.	W/ 6" ISO.
INSIDE SURFACE (STILL AIR)	0.68	0.68	0.68	0.68	0.68
1/8" TAG GFF (7/8" • 125)	1.09	1.09	1.09	1.09	1.09
ISOCTANURATE (1" • 6.5)	32.00	32.00	32.00	32.00	32.00
OUTSIDE SURFACE	0.17	0.17	0.17	0.17	0.17
TOTAL ASSEMBLY	R total	U total	R total	U total	R total
(SAME AS SHINGLE ROOF)	14.94	0.067	21.44	0.041	27.94
1" AIR SPACE	1.00	1.00	1.00	1.00	1.00
CEDAR SHAKES, 10" EXPOSURE (1" • 125)	1.25	1.25	1.25	1.25	1.25
TOTAL ASSEMBLY	R total	U total	R total	U total	R total
	17.19	0.058	23.69	0.042	30.19

ROOF SECTION

COMPONENT R-VALUES

COMPONENTS FOR A VENTED ROOF CEDAR SHINGLES AND OTHER ROOFS	W/ 2" ISO.	W/ 3" ISO.	W/ 4" ISO.	W/ 5" ISO.	W/ 6" ISO.
INSIDE SURFACE (STILL AIR)	0.68	0.68	0.68	0.68	0.68
2x8 TAG GFF (1 1/2" • 125)	1.88	1.88	1.88	1.88	1.88
1/2" PLYWOOD BACKER (1/2" • 125)	0.63	0.63	0.63	0.63	0.63
ISOCTANURATE (1" • 6.5)	32.00	32.00	32.00	32.00	32.00
OUTSIDE SURFACE	0.17	0.17	0.17	0.17	0.17
TOTAL ASSEMBLY	R total	U total	R total	U total	R total
	16.36	0.061	22.86	0.044	29.36
COMPONENTS FOR SHAKE ROOF	W/ 2" ISO.	W/ 3" ISO.	W/ 4" ISO.	W/ 5" ISO.	W/ 6" ISO.
(SAME AS SHINGLE ROOF)	16.36	22.86	29.36	35.86	42.36
1" AIR SPACE	1.00	1.00	1.00	1.00	1.00
CEDAR SHAKES, 10" EXPOSURE (1" • 125)	1.25	1.25	1.25	1.25	1.25
TOTAL ASSEMBLY	R total	U total	R total	U total	R total
	18.61	0.054	25.11	0.040	31.61

ROOF SECTION

COMPONENT R-VALUES

COMPONENTS FOR A VENTED ROOF CEDAR SHINGLES AND OTHER ROOFS	4 1/2" PANEL	6 1/2" PANEL	8 1/4" PANEL	10 1/4" PANEL
INSIDE SURFACE (STILL AIR)	0.68	0.68	0.68	0.68
1/8" TAG GFF (7/8" • 125)	1.09	1.09	1.09	1.09
STRUCTURAL INSULATED PANEL (SIP)	36.00	23.00	30.00	38.00
OUTSIDE SURFACE	0.17	0.17	0.17	0.17
TOTAL ASSEMBLY	R total	U total	R total	U total
	17.94	0.056	24.94	0.040
COMPONENTS FOR SHAKE ROOF	4 1/2" PANEL	6 1/2" PANEL	8 1/4" PANEL	10 5/16" PANEL
(SAME AS SHINGLE ROOF)	17.94	24.94	31.94	39.94
1" AIR SPACE	1.00	1.00	1.00	1.00
CEDAR SHAKES, 10" EXPOSURE (1" • 125)	1.25	1.25	1.25	1.25
TOTAL ASSEMBLY	R total	U total	R total	U total
	20.19	0.050	27.19	0.037

ROOF SECTION

COMPONENT R-VALUES

COMPONENTS FOR A VENTED ROOF CEDAR SHINGLES AND OTHER ROOFS	4 1/2" PANEL	6 1/2" PANEL	8 1/4" PANEL
INSIDE SURFACE (STILL AIR)	0.68	0.68	0.68
1/8" TAG GFF (7/8" • 125)	1.09	1.09	1.09
STRUCTURAL INSULATED PANEL (SIP)	36.00	30.00	39.00
OUTSIDE SURFACE	0.17	0.17	0.17
TOTAL ASSEMBLY	R total	U total	R total
	21.94	0.046	31.94
COMPONENTS FOR SHAKE ROOF	4 1/2" PANEL	6 1/2" PANEL	8 1/4" PANEL
(SAME AS SHINGLE ROOF)	21.94	31.94	40.94
1" AIR SPACE	1.00	1.00	1.00
CEDAR SHAKES, 10" EXPOSURE (1" • 125)	1.25	1.25	1.25
TOTAL ASSEMBLY	R total	U total	R total
	24.19	0.041	34.19

ROOF SECTION

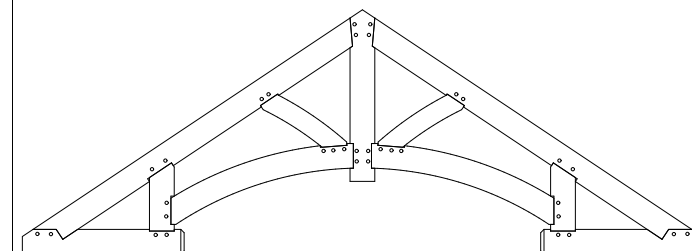
COMPONENT R-VALUES

COMPONENTS FOR A VENTED ROOF CEDAR SHINGLES AND OTHER ROOFS	4 1/2" PANEL	6 1/2" PANEL	8 1/4" PANEL
INSIDE SURFACE (STILL AIR)	0.68	0.68	0.68
1/8" TAG GFF (7/8" • 125)	1.09	1.09	1.09
STRUCTURAL INSULATED PANEL (SIP)	24.00	24.00	24.00
OUTSIDE SURFACE	0.17	0.17	0.17
TOTAL ASSEMBLY	R total	U total	R total
	25.94	0.039	37.94
COMPONENTS FOR SHAKE ROOF	4 1/2" PANEL	6 1/2" PANEL	8 1/4" PANEL
(SAME AS SHINGLE ROOF)	25.94	37.94	47.94
1" AIR SPACE	1.00	1.00	1.00
CEDAR SHAKES, 10" EXPOSURE (1" • 125)	1.25	1.25	1.25
TOTAL ASSEMBLY	R total	U total	R total
	28.19	0.035	40.19

NOTE:

REFER TO WINDOW AND DOOR MANUFACTURERS
PRODUCT GUIDES FOR THERMAL PERFORMANCE VALUES

ISOCTANURATE BASED ON - "TUFF R" BY CELOTEX
AGED R-VALUE AT 75° MEAN
R 6.5 @ 1" THICKNESS



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CLAREMONT, NH 03743

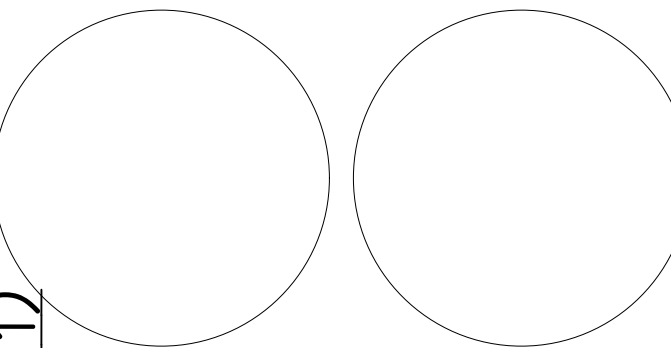
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1-800-448-0660

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CONSULTANTS:

STAMPS:



STD-DTL-2014 THERMAL (1)

SCALE: 1" = 1'-0"

WS RANCH

Johnson Canyon Rd
Kanab UT 84741

NO.	DATE	DESCRIPTION	BY
4	07.27.21	Construction-Rev D	Cbr
3	06.26.21	Rev C	Cbr
2	06.21.21	Rev B	Cbr
1	05.25.21	Rev A	Cbr
0	05.16.21	Preliminary	Cbr

PROJECT NO: T-01564

PROJECT NAME: WS RANCH

DEALER/RM: Marty Borges/Mike Pollari

CUSTOM:

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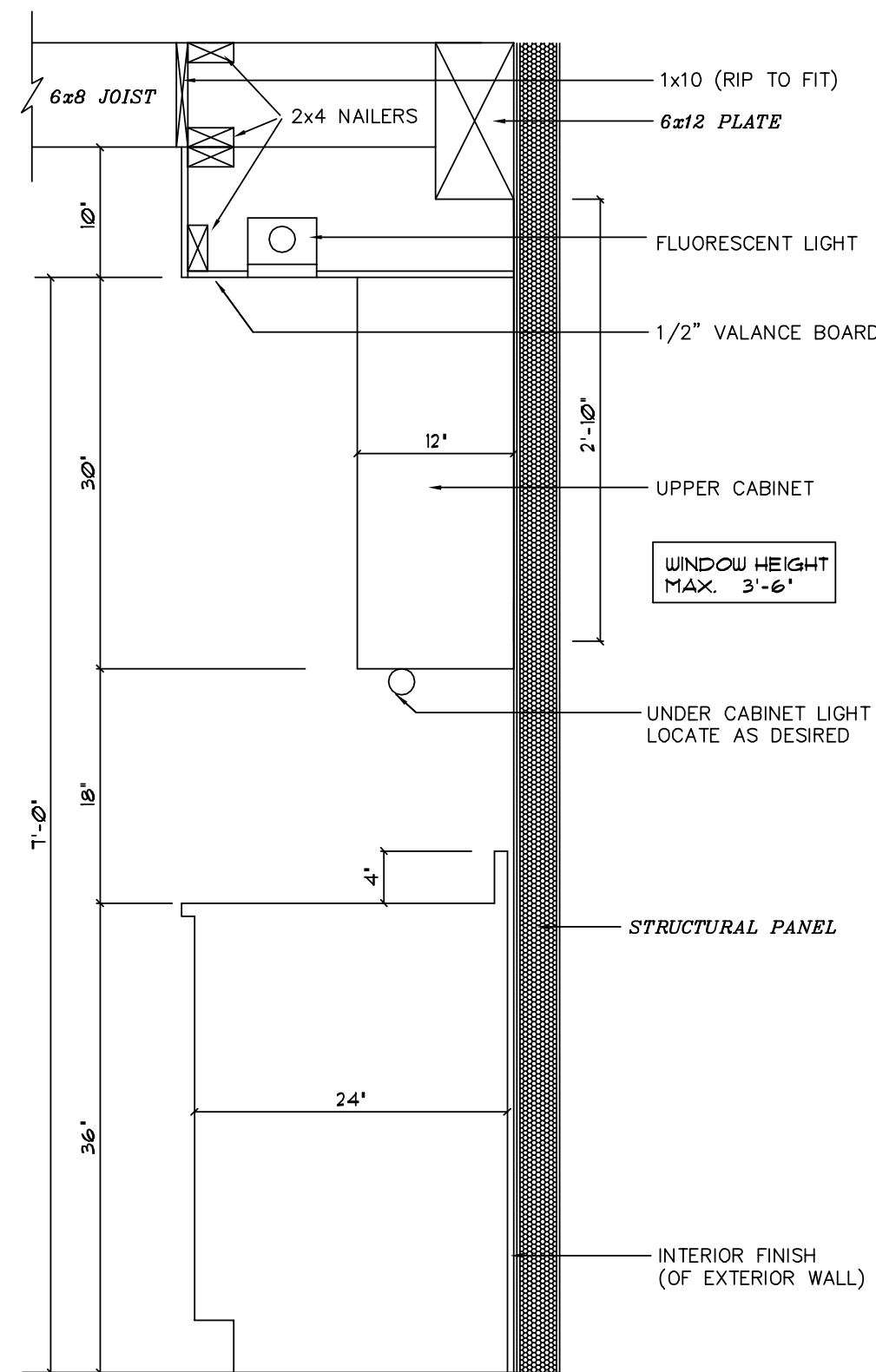
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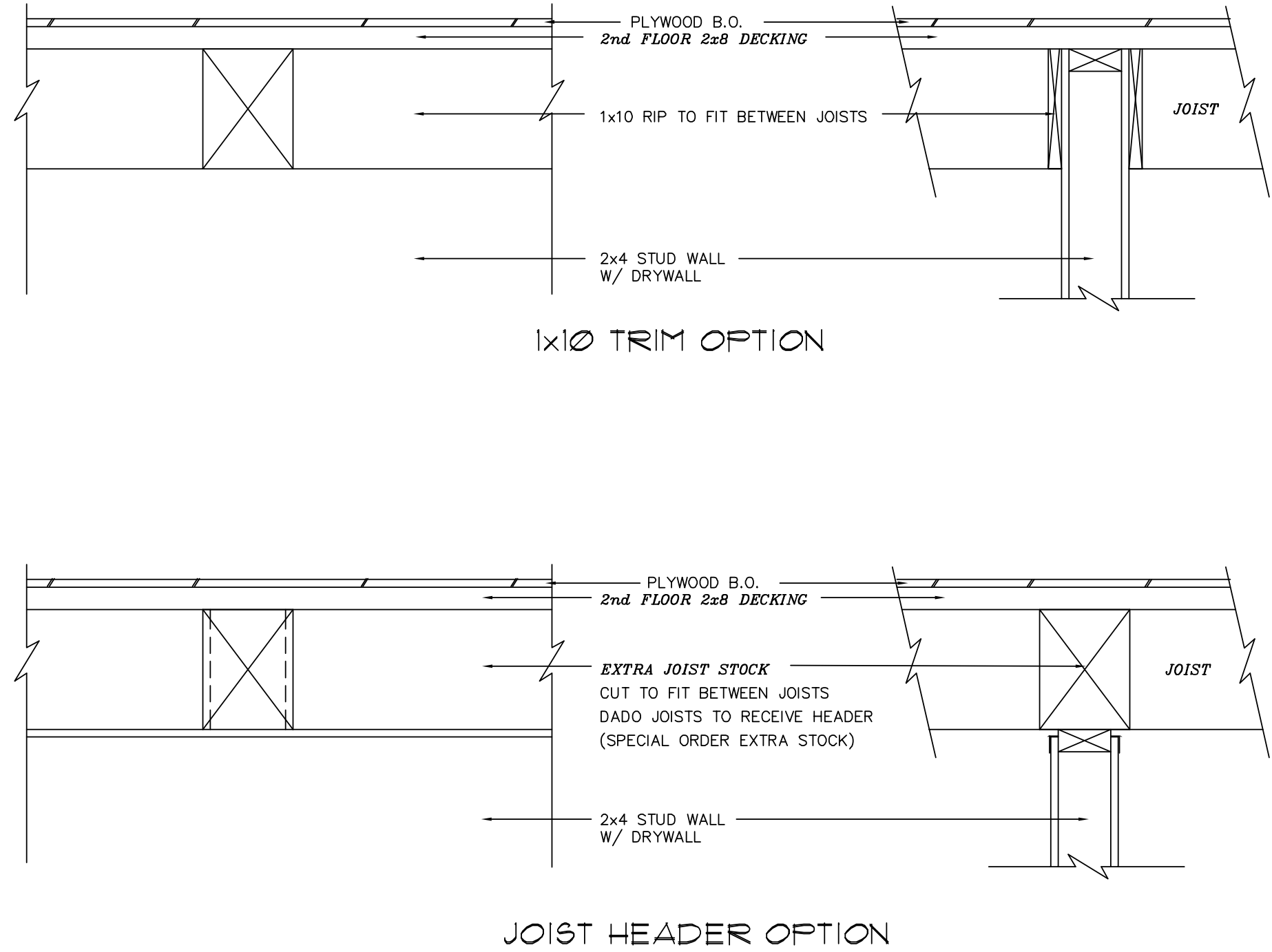
Thermal
Properties

S-203

1 KITCHEN CABINET DETAILS
SCALE: 1"=1'-0"

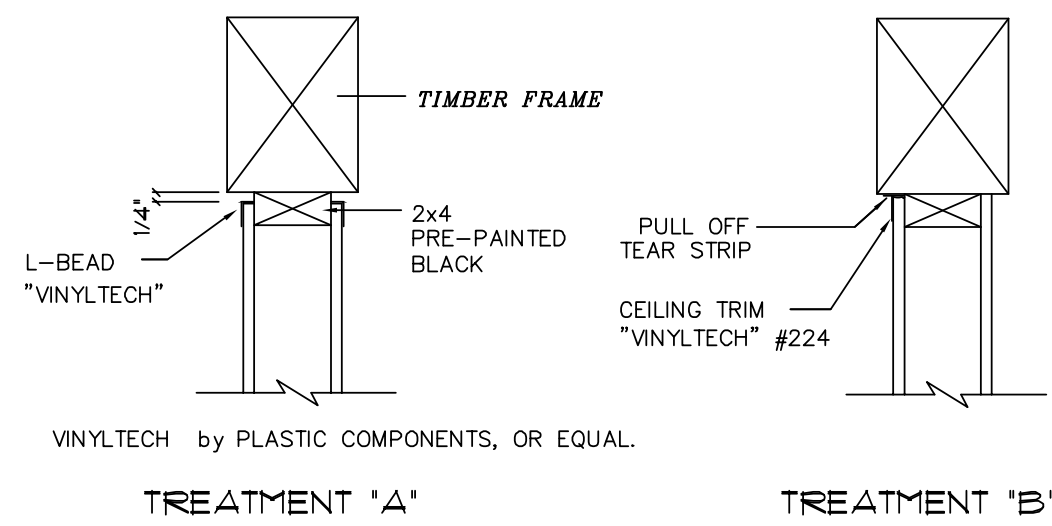


3 PARTITION WALL PERPENDICULAR TO JOISTS
SCALE: 1"=1'-0"

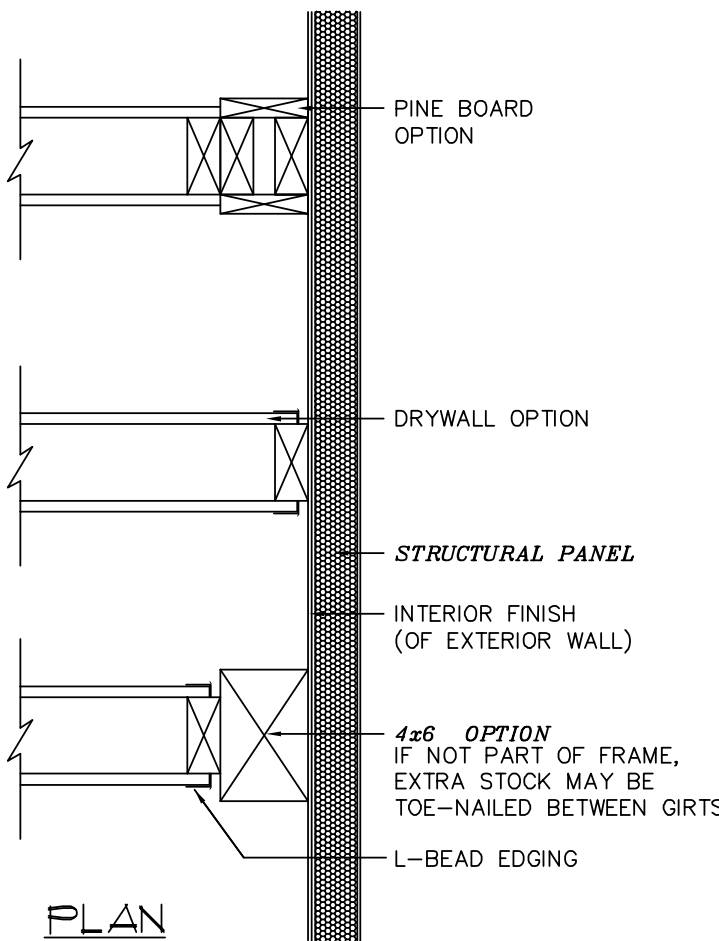


2 PARTITION WALLS
SCALE: 1"=1'-0"

RECOMMENDATION IS TO ALIGN WALLS UNDER JOISTS, GIRDERS OR RAFTERS

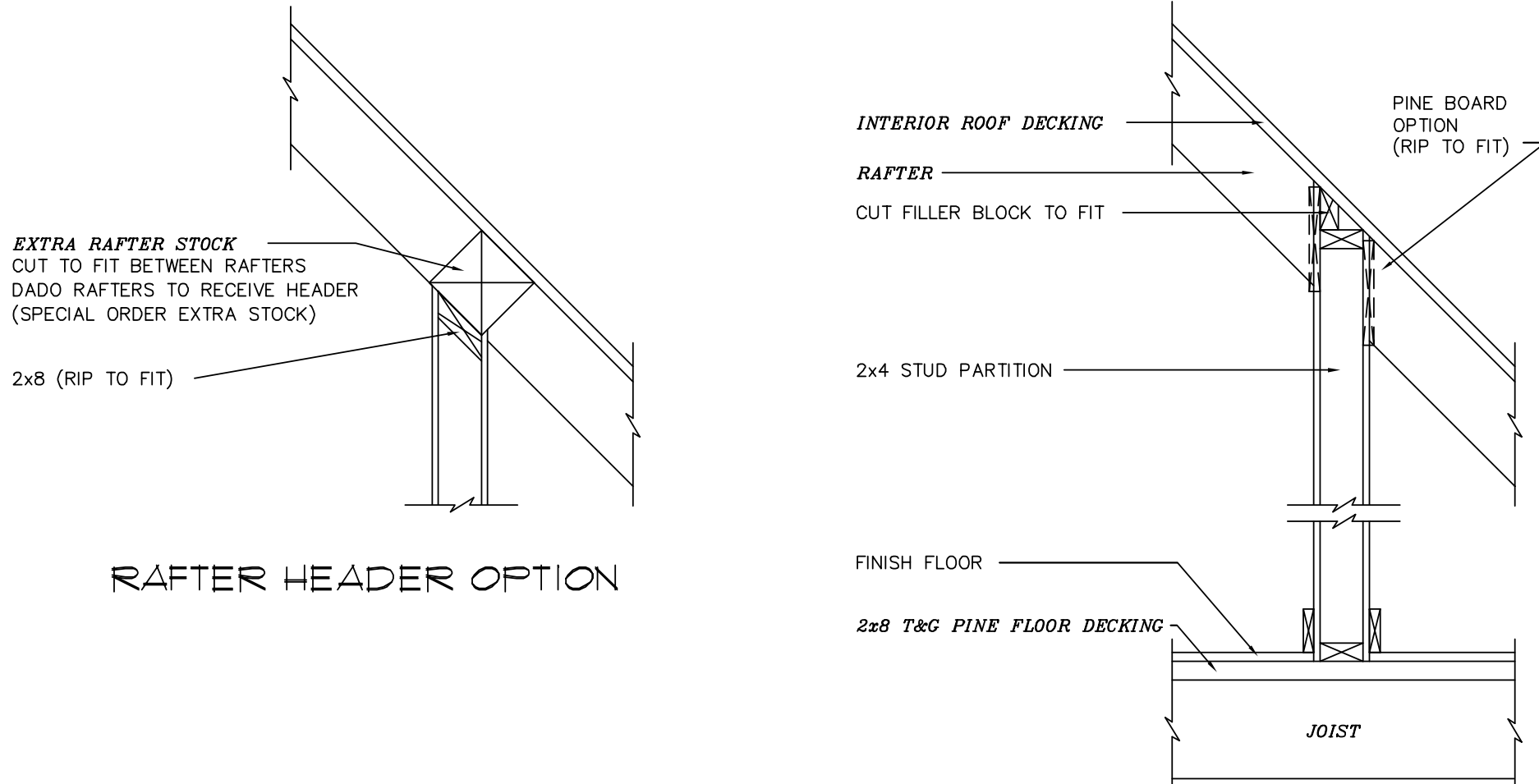


PARTITION UNDER BEAM



PARTITION TO EXTERIOR WALL

4 PARTITION WALL PERPENDICULAR TO RAFTERS
SCALE: 1"=1'-0"



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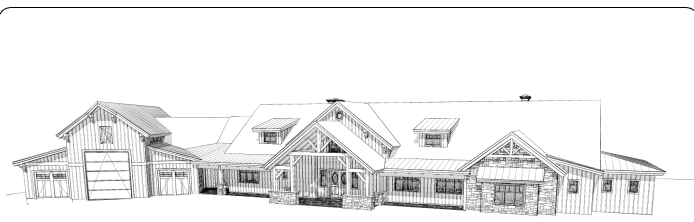
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CONSULTANTS:

STAMPS:



WS RANCH
Johnson Canyon Rd
Kanab UT 84741

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2	06.21.21	Rev B	Cbr
1	05.25.21	Rev A	Cbr
0	05.16.21	Preliminary	Cbr

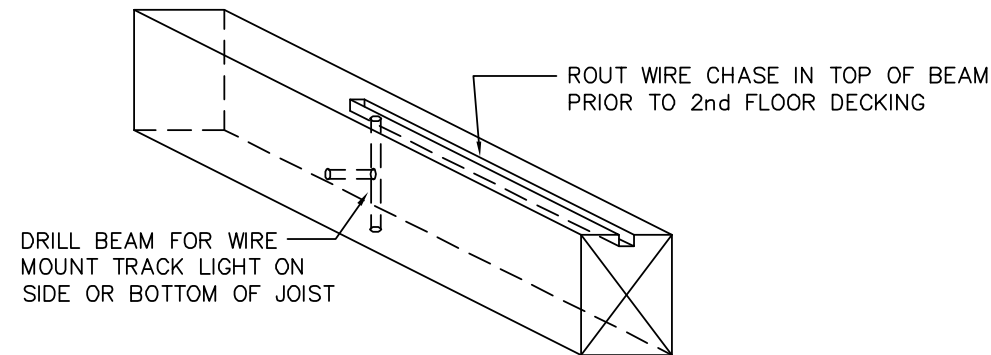
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DEALER/RM: Marty Borges/Mike Pollari
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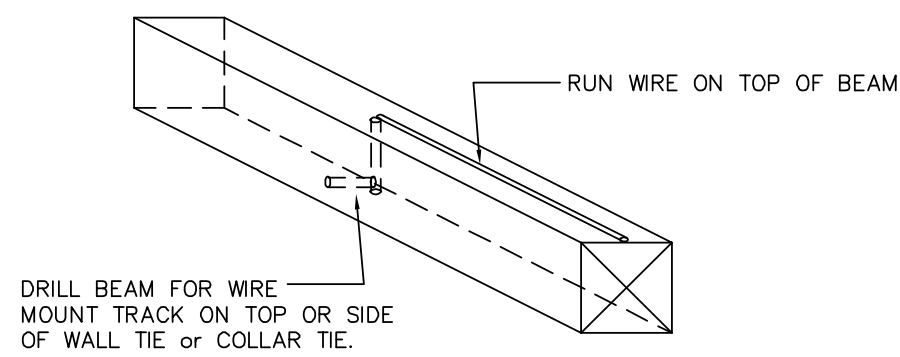
SHEET TITLE:
**Kitchen /
Interior
Partition**

S-204

WIRING AT INTERIOR BEAMS
CAUTION: REMOVE AS LITTLE OF THE TIMBER AS POSSIBLE.
USE FIXTURES WHICH REQUIRE NO OUTLET BOXES
COVER ENTIRE CHASE WITH 16 GA. (1/16" MIN) METAL PLATE
OR USE CONDUIT TO PROTECT WIRE FROM NAILING

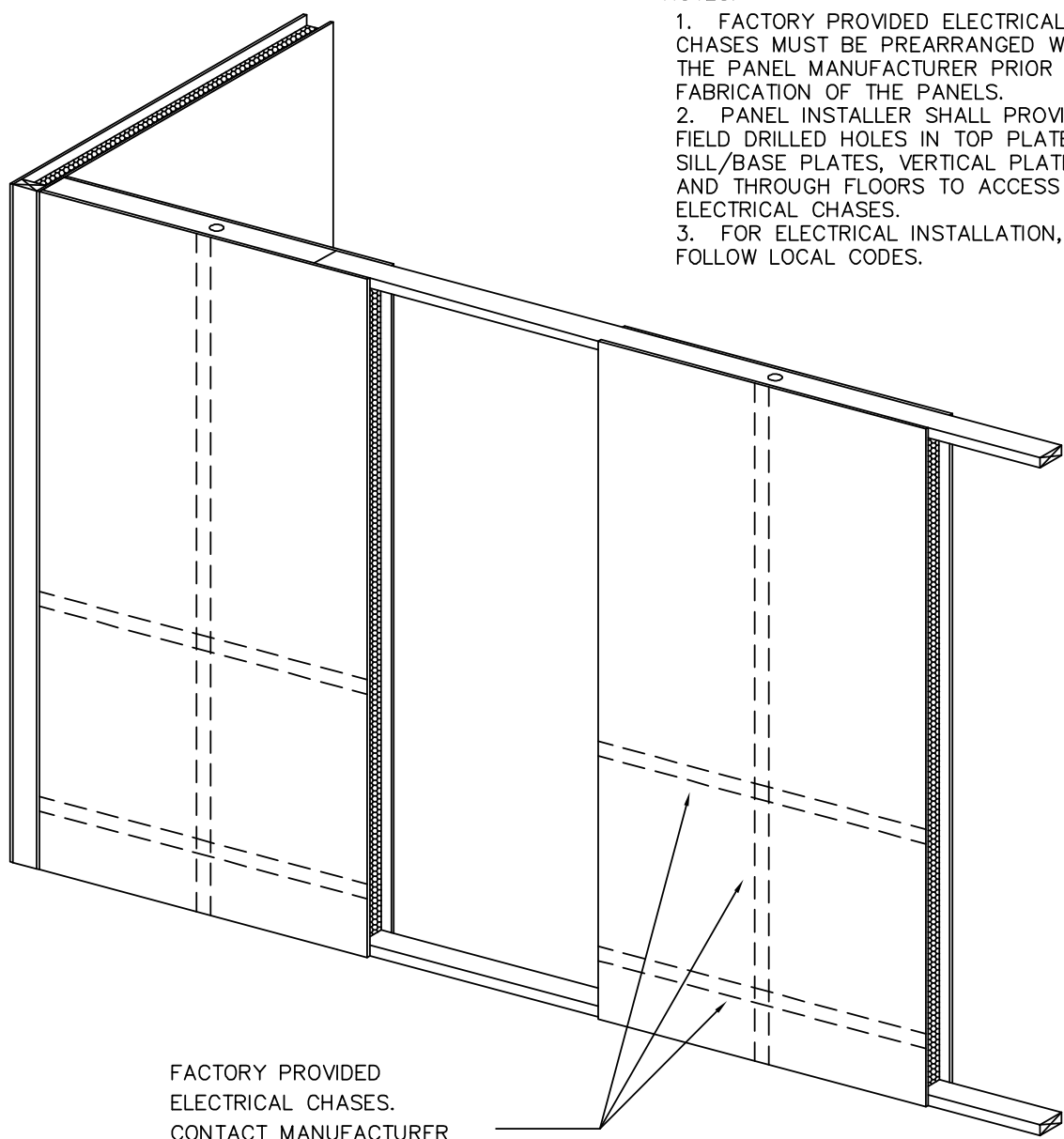


JOIST OR MAIN GIRDER



WALL TIE OR COLLAR TIE

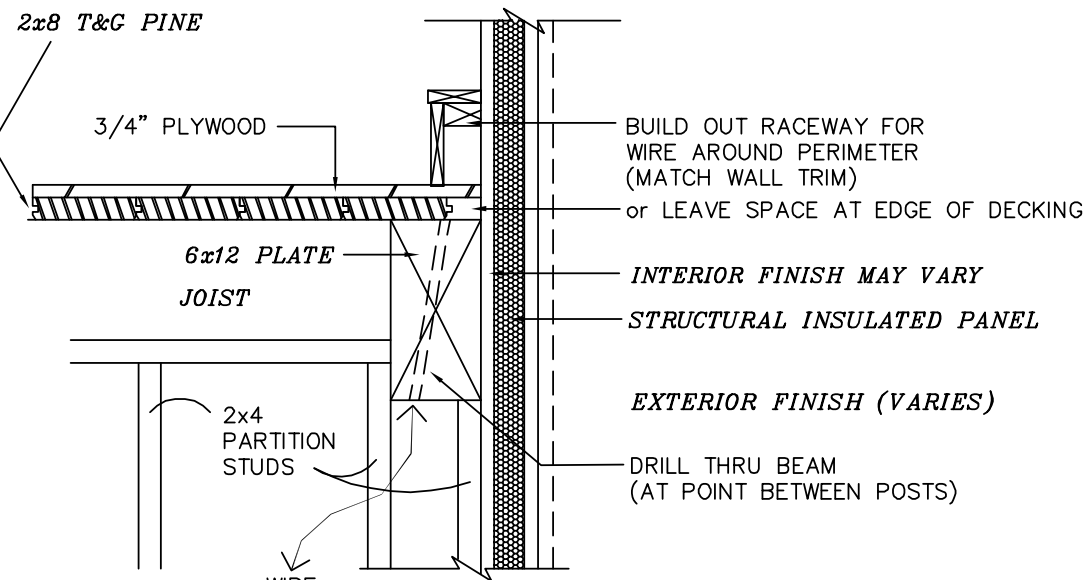
NOTES:
1. FACTORY PROVIDED ELECTRICAL CHASES MUST BE PREARRANGED WITH THE PANEL MANUFACTURER PRIOR TO FABRICATION OF THE PANELS.
2. PANEL INSTALLER SHALL PROVIDE FIELD DRILLED HOLES IN TOP PLATES, SILL/BASE PLATES, VERTICAL PLATES AND THROUGH FLOORS TO ACCESS ELECTRICAL CHASES.
3. FOR ELECTRICAL INSTALLATION, FOLLOW LOCAL CODES.



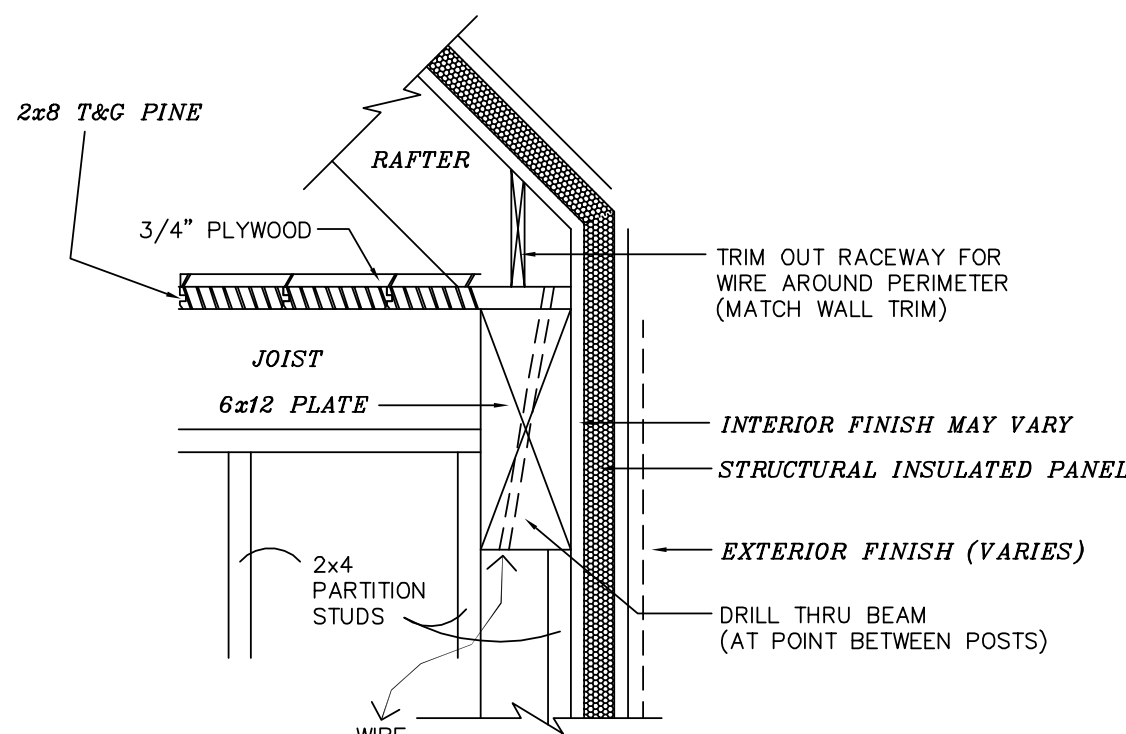
ELECTRICAL CHASES IN PANELS

WIRING TO SECOND AND THIRD FLOORS THRU INTERIOR PARTITIONS RECOMMENDED

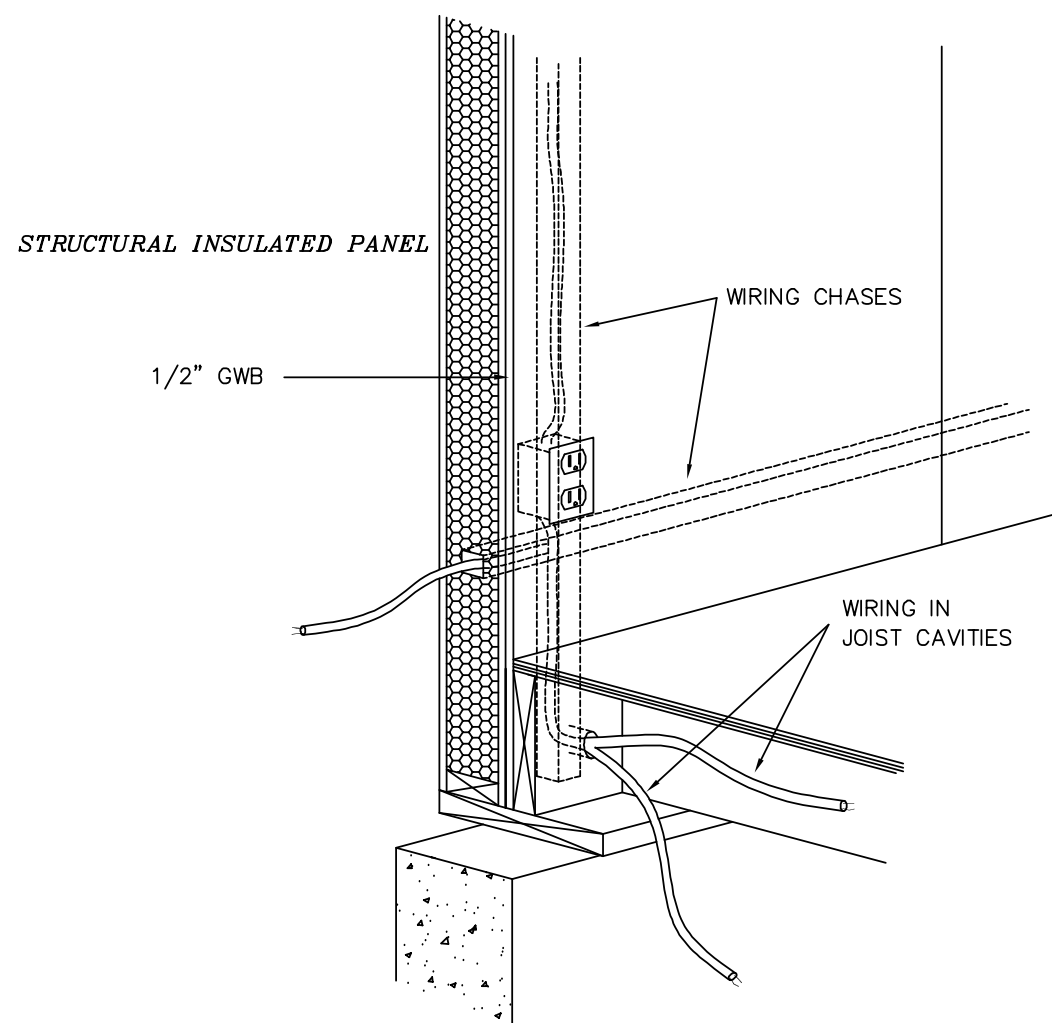
NOTE: GENERALLY TAKE VERTICAL WIRE RUNS UP THRU INTERIOR PARTITIONS WITH HORIZONTAL RUNS IN CONCEALED WIRING CHASE



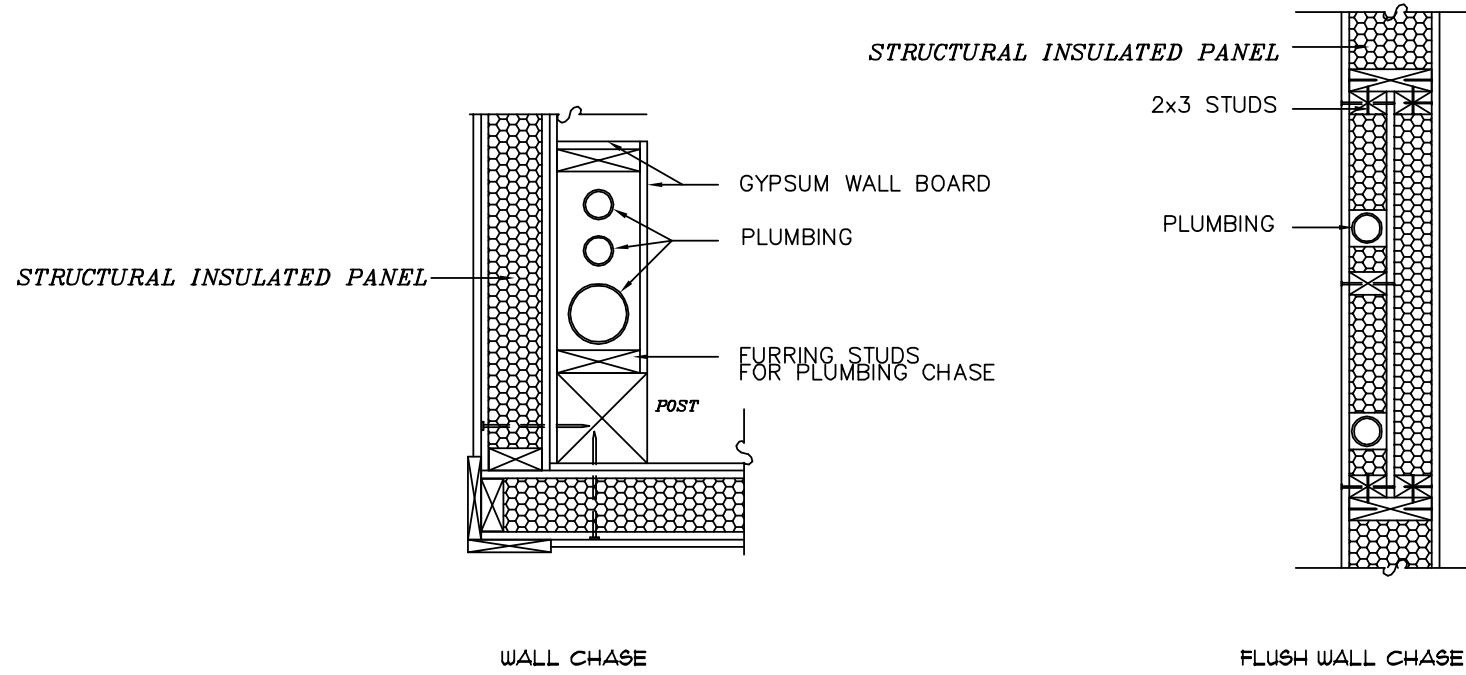
WIRING TO 2nd FLOOR



WIRING TO 3rd FLOOR or LOFT



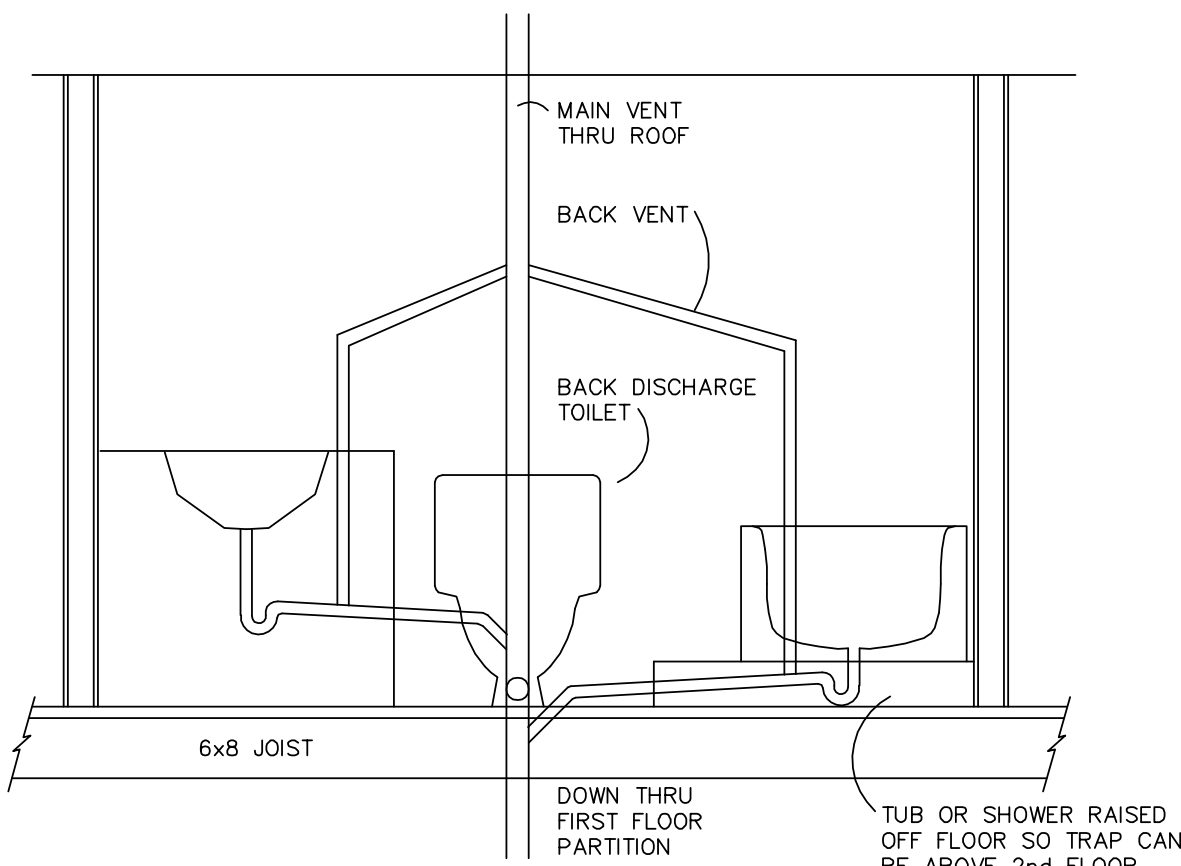
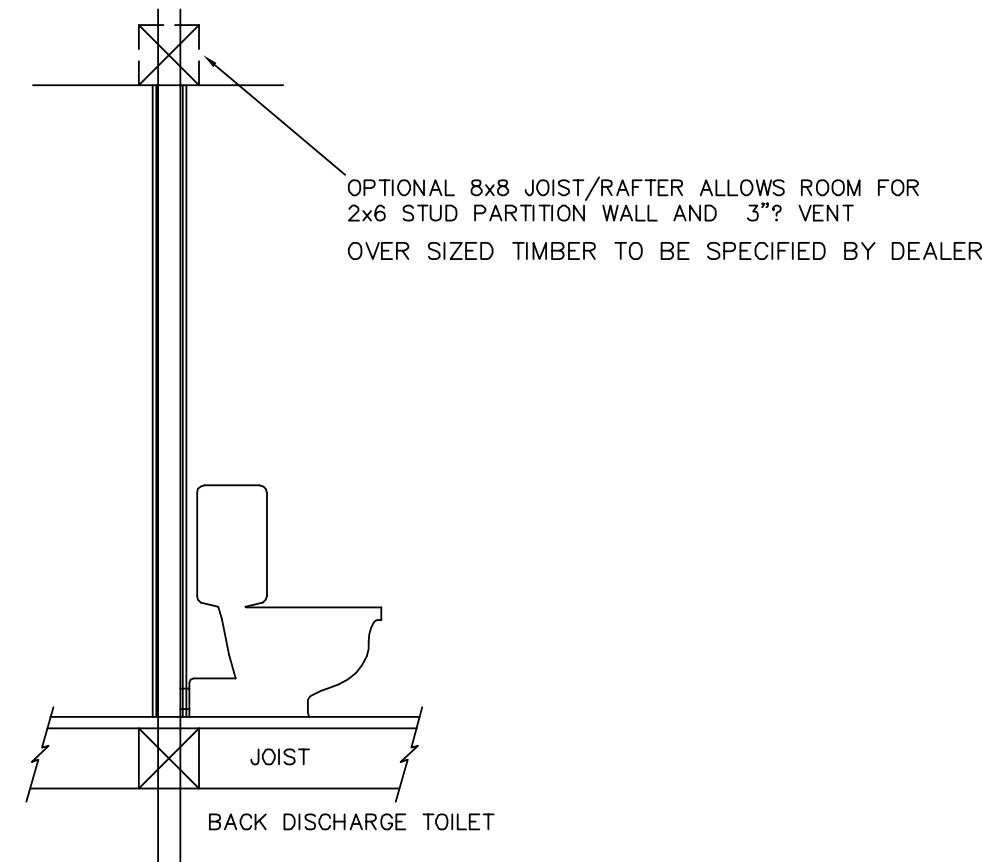
ELECTRICAL CHASES IN PANELS



WALL CHASE FOR PANELS

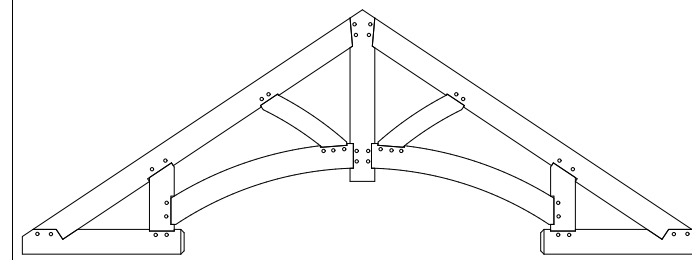
BATHROOM PLUMBING

NOTE:
ABOVE FLOOR PLUMBING IS USED WHERE 2nd FLOOR BATH IS LOCATED OVER AN AREA THAT HAS EXPOSED FLOOR JOISTS THAT CANNOT BE CONCEALED IN A DROPPED CEILING.
TO ACCOMPLISH THIS, THE TUB OR SHOWER STALL TRAP HAS TO BE RAISED ABOVE THE FINISHED 2nd FLOOR. VERIFY CLEARANCES WITH PLUMBER BEFORE BUILDING RAISED FLOOR. A FLOOR MOUNTED "BACK DISCHARGE" TOILET IS USED. TO MAKE THE BEST USE OF PLUMBING LAYOUT, IT IS RECOMMENDED THAT ALL PLUMBING DRAINS ARE ON A COMMON WALL AND ARE LOCATED OVER FIRST FLOOR PARTITION, CLOSET OR CHASE SO LEAST NUMBER OF DIRECTION CHANGES ARE MADE.
IF BATH IS LOCATED OVER FIRST FLOOR BATH OR AN AREA WHERE FIRST FLOOR CEILING CAN BE COVERED ON BOTTOM SIDE OF JOISTS, STANDARD "THRU FLOOR" TOILETS AND TRAPS CAN BE USED. LOCATE PLUMBING ABOVE AN ACCESSIBLE VERTICAL PLUMBING CHASE.



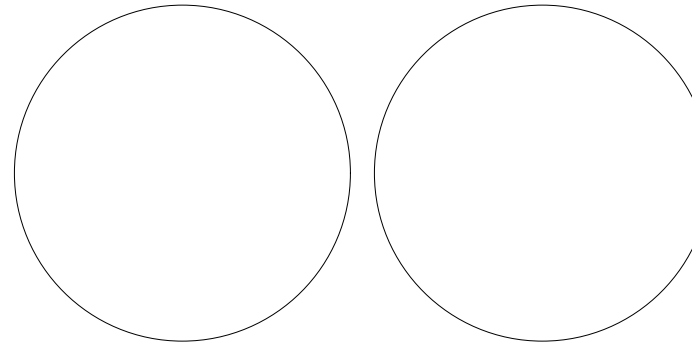
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PROJECT NO: T-01564

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SHEET TITLE:

Plumbing /
Wiring

S-205