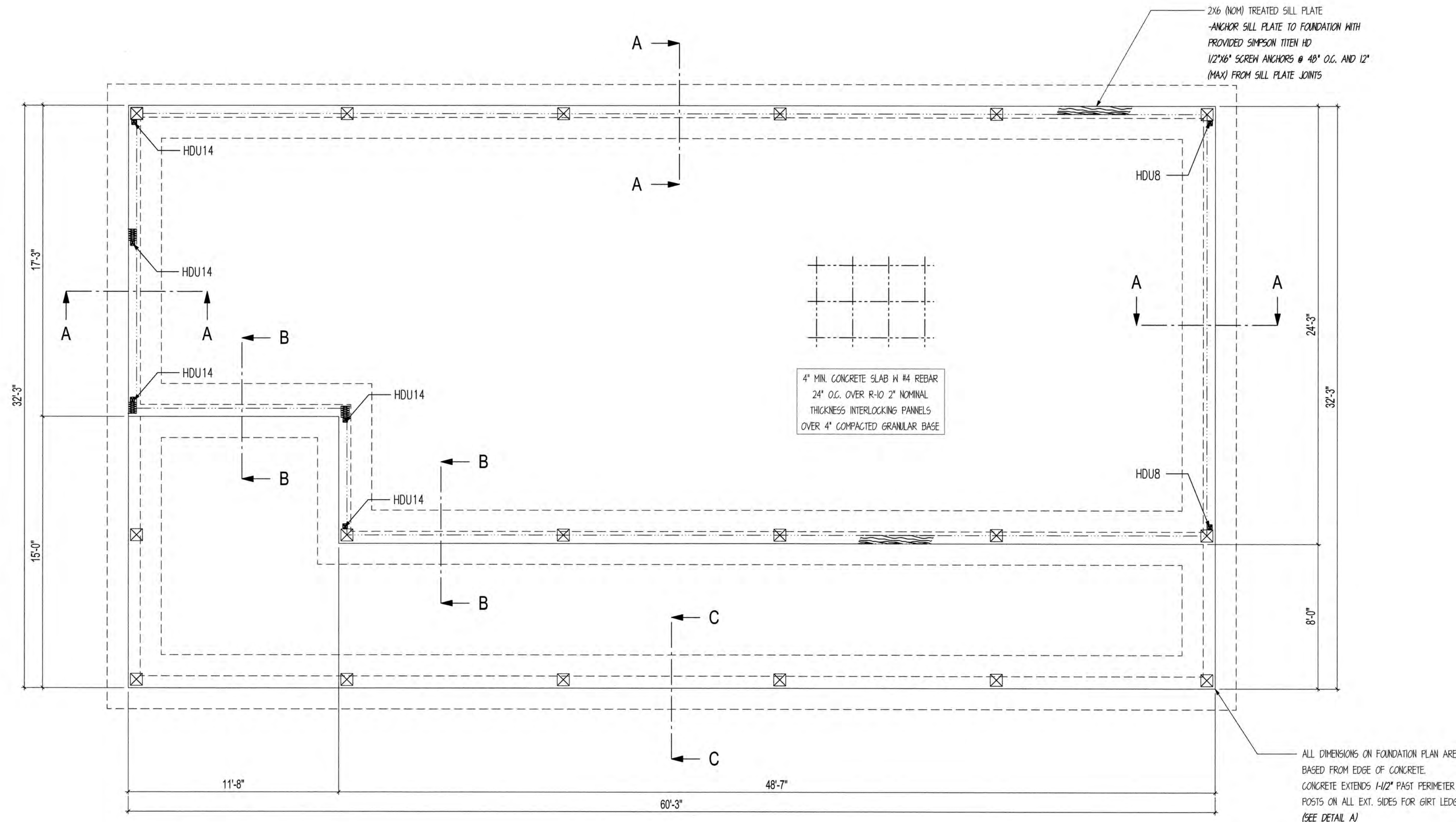
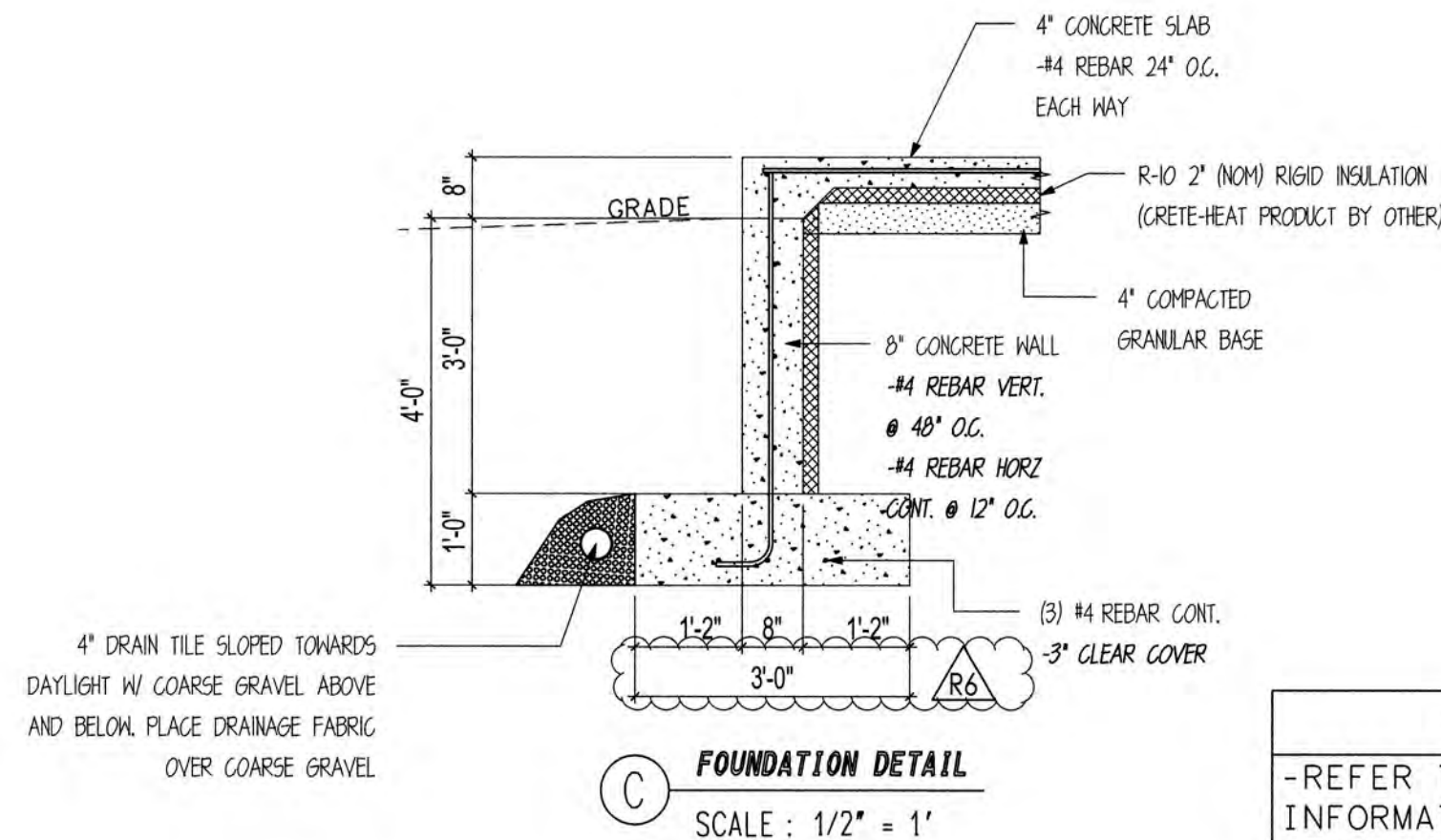
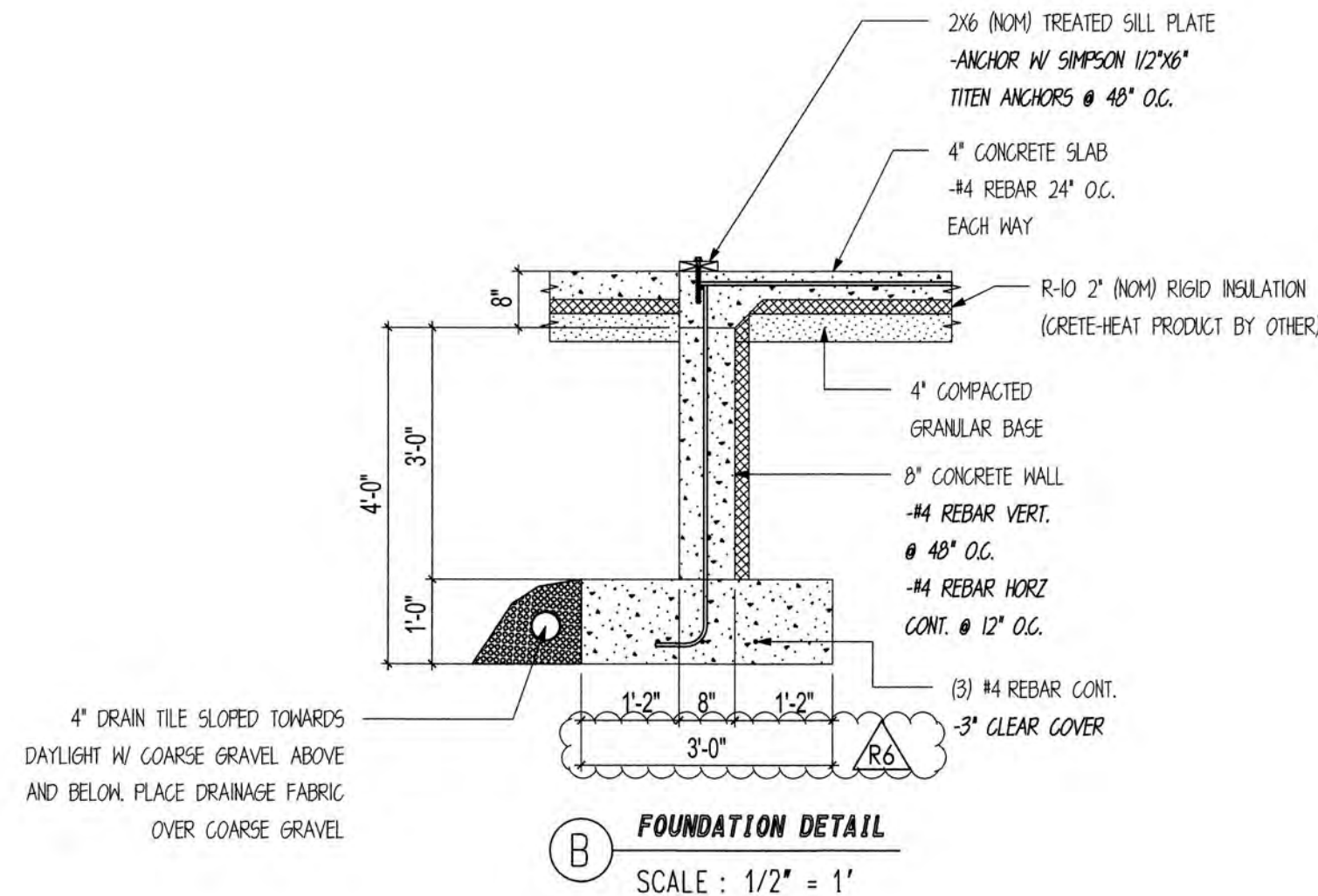
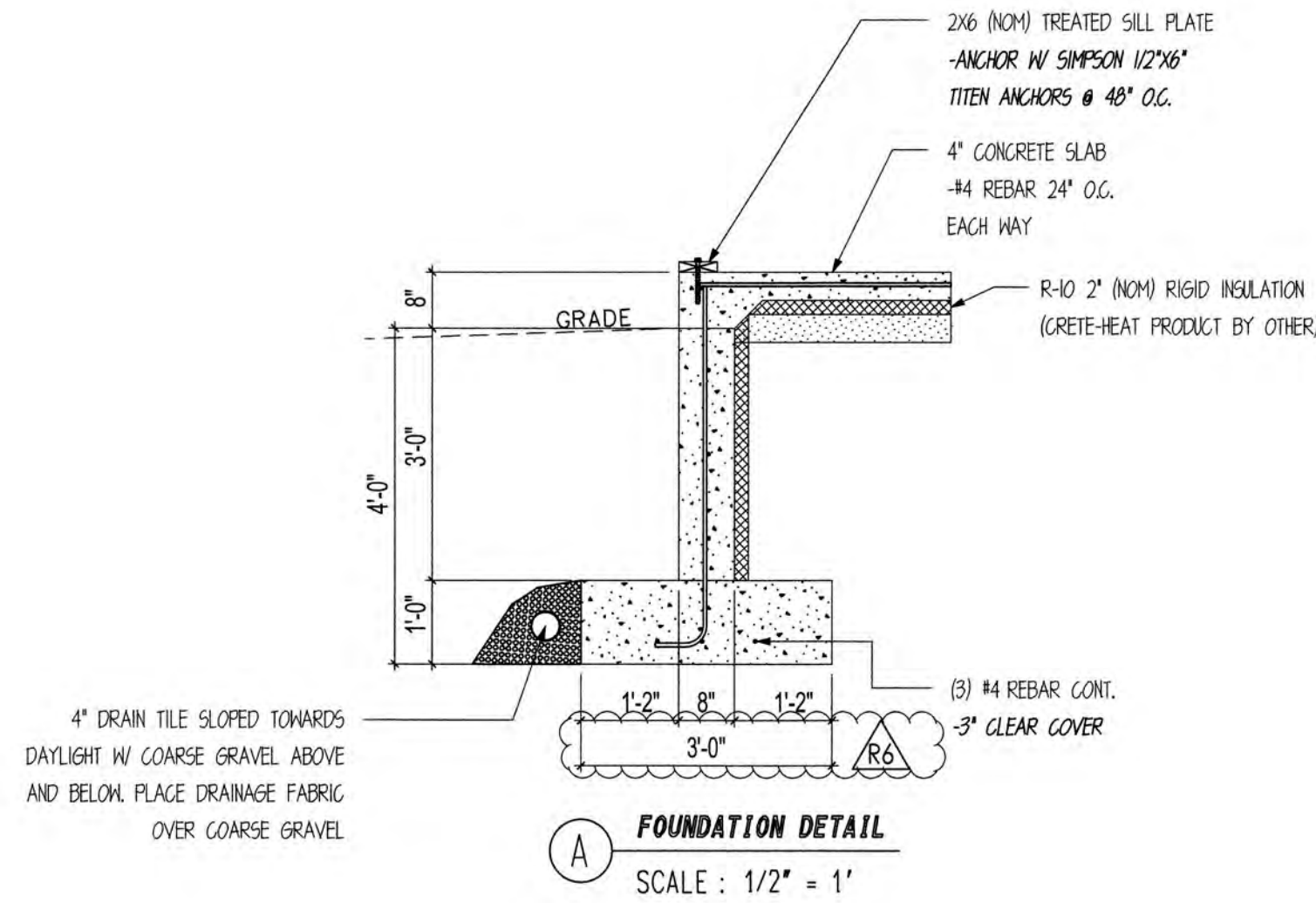


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Code Compliance

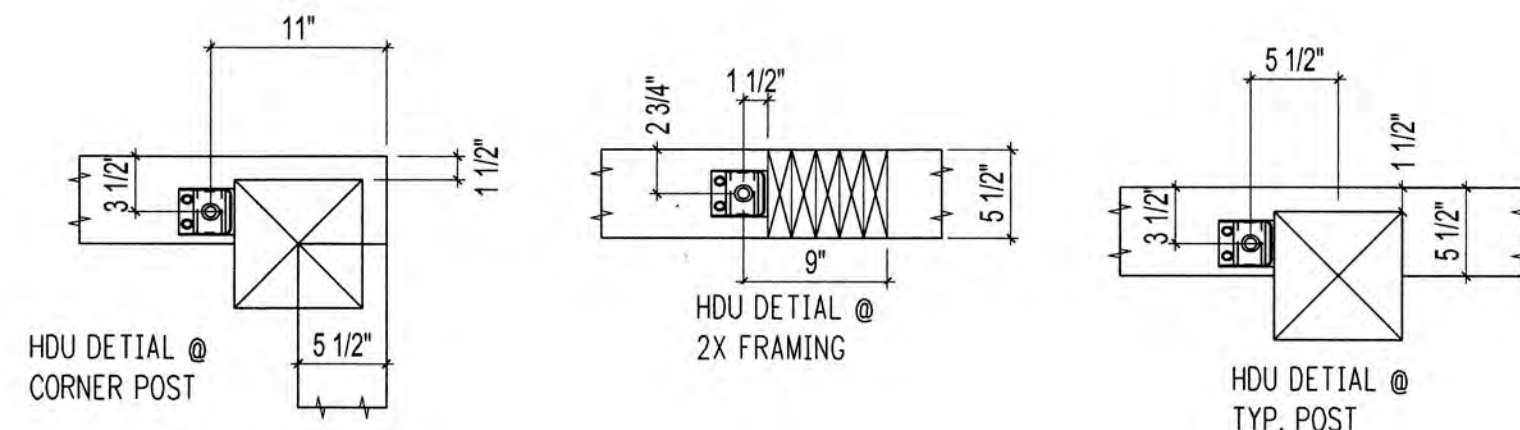
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FOUNDATION PLAN

SCALE: 1/4" = 1'

HOLDOWN DESCRIPTIONS	
-REFER TO MANUF. SPECS FOR FURTHER INFORMATION ABOUT PRODUCT AND ATTACHMENTS	
-USE SIMPSON SET EPOXY OR EQUIV.	
-HOLDOWNS ARE NOT SUPPLIED W/ SAND CREEK POST & BEAM BARN KIT	
-GENERAL CONTRACTOR TO SUPPLY	
	SIMPSON HDU8-SDS2.5 ATTACH INTO MIN. 3" FRAMING W/ 20 SDS 1/4"x2-1/2" SCREWS. ANCHOR INTO FOUNDATION W/ 7/8" DIA. THREADED ROD (EPOXY SET) MIN. 12" EMBEDMENT.
	SIMPSON HDU14-SDS2.5 ATTACH INTO MIN. 7-1/4" FRAMING W/ 36 SDS 1/4"x2-1/2" SCREWS. ANCHOR INTO FOUNDATION W/ 1" DIA. THREADED ROD (EPOXY SET) MIN. 12" EMBEDMENT.



HDU LOCATION DETAILS

SCALE: 1" = 1'

SHEET NOTES:
1. FOUNDATION DIMENSIONS TO BE VERIFIED BY GENERAL CONTRACTOR BEFORE ERECTION OF FRAME.
2. CHECK LOCAL CODE FOR MINIMUM FOOTING DEPTH.
3. REFER TO COVER SHEET FOR FURTHER INFORMATION ON FOUNDATION AND REBAR.

SCREW ANCHOR INFORMATION

SIMPSON TITEN HD 1/2x6" SCREW ANCHOR BOLT

NOTES:
1. USED FOR POST ATTACHMENT.
2. USED TO ATTACH CEDAR SILL TO CONCRETE.
3. USE 1/2" DIA. MASONRY BIT TO PRE-DRILL.



STRUCTURAL DETAILS ONLY
DESIGNED BY
ENGINEERING & TECHNICAL SERVICES

SAND CREEK
Post & Beam

CUSTOMER: KEELIN REGAN-REED

STYLE: PONDROSA COUNTRY BARN

DRAWN BY: CV

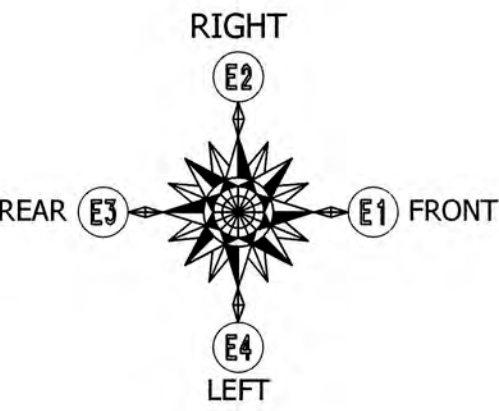
JOB CODE: KREI21-I

REVISION: 6 (07/08/2022)

DRAWING STATUS: FINAL PLAN SET

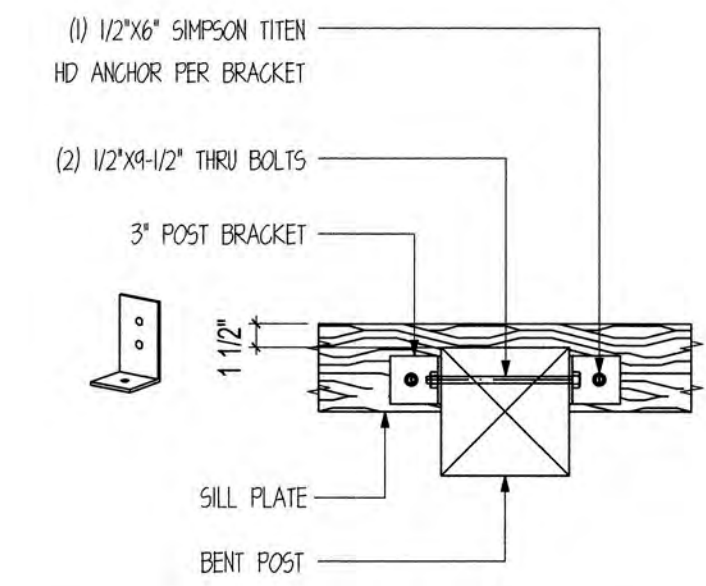
SAND CREEK POST & BEAM
116 W. 1st St
WAYNE, NE 68787

PH: (402) 833-5600
FAX: (402) 833-5602
Toll-free: 1 888-489-1680

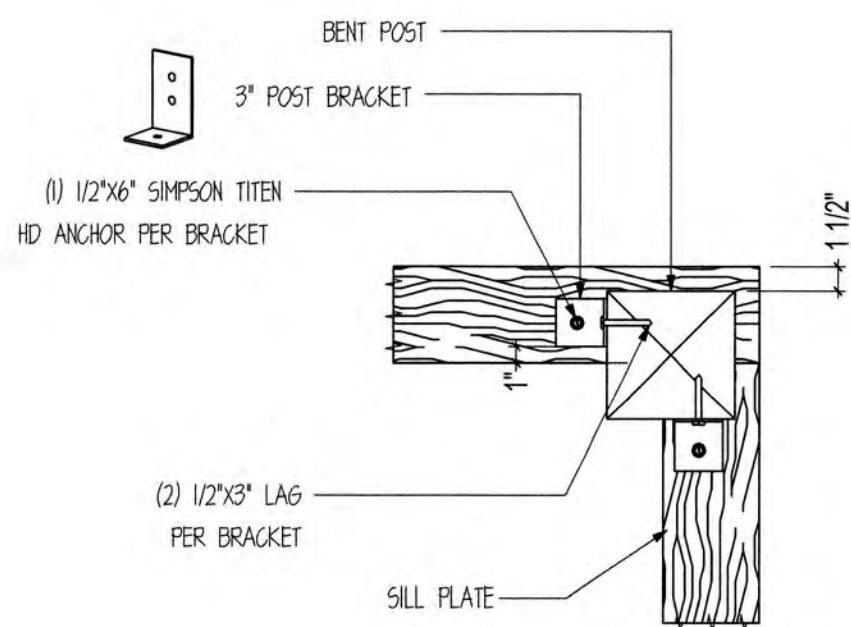


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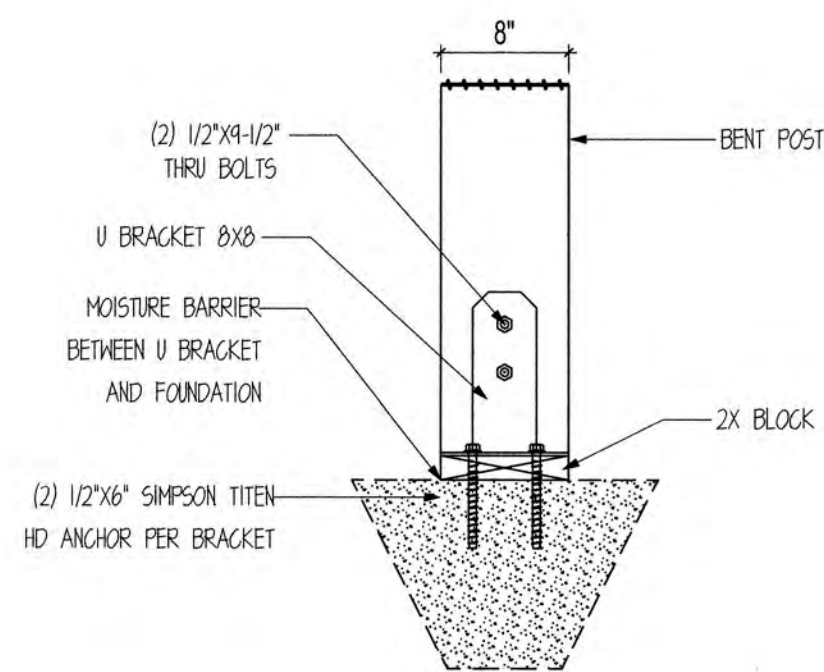


1 POST CONNECTION DETAIL
SCALE : 1" = 1'-0"

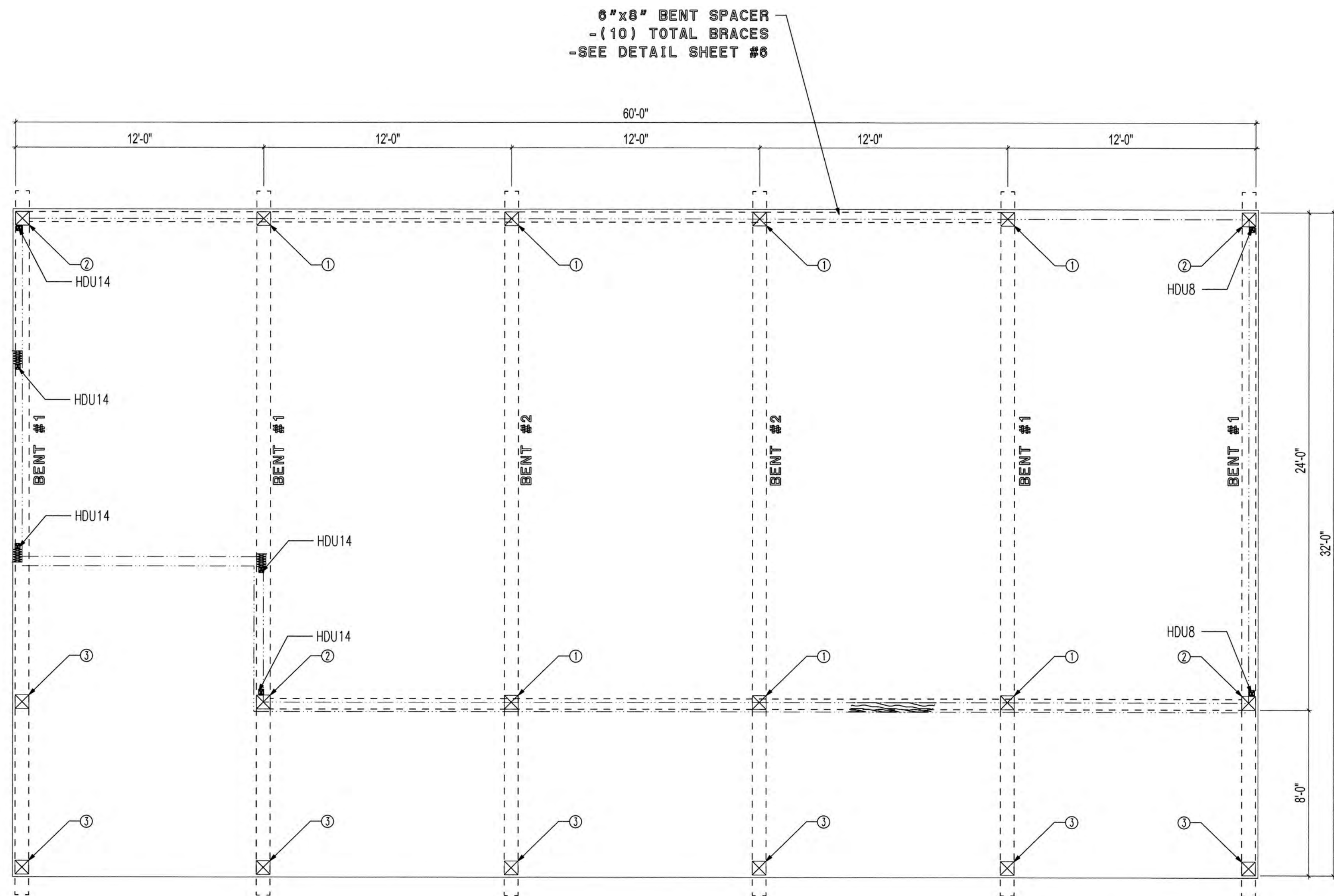


2 POST CONNECTION DETAIL
SCALE : 1" = 1'-0"

POST CONNECTION NOTES:
1. BRACKET DESIGNED TO BE BURIED IN VERT. FRAMED WALL.
2. PRE-DRILL HOLES INTO POST.



1 POST CONNECTION DETAIL
SCALE : 1" = 1'-0"



BENT LAYOUT

SCALE: 1/4" = 1'

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ENGINEERING & TECHNICAL SERVICES



SHEET NOTES:
1. BASE OF MAIN FRAME POST CUT TO FIT IN FIELD
BY GENERAL CONTRACTOR ACCORDING TO SPECS ON
CUT LISTS. CUT BOTTOM OF POST ONLY.

SAND CREEK
Post & Beam

CUSTOMER: KEELIN REGAN-REED

JOB CODE: KREI21-I

STYLE: PONDROSA COUNTRY BARN

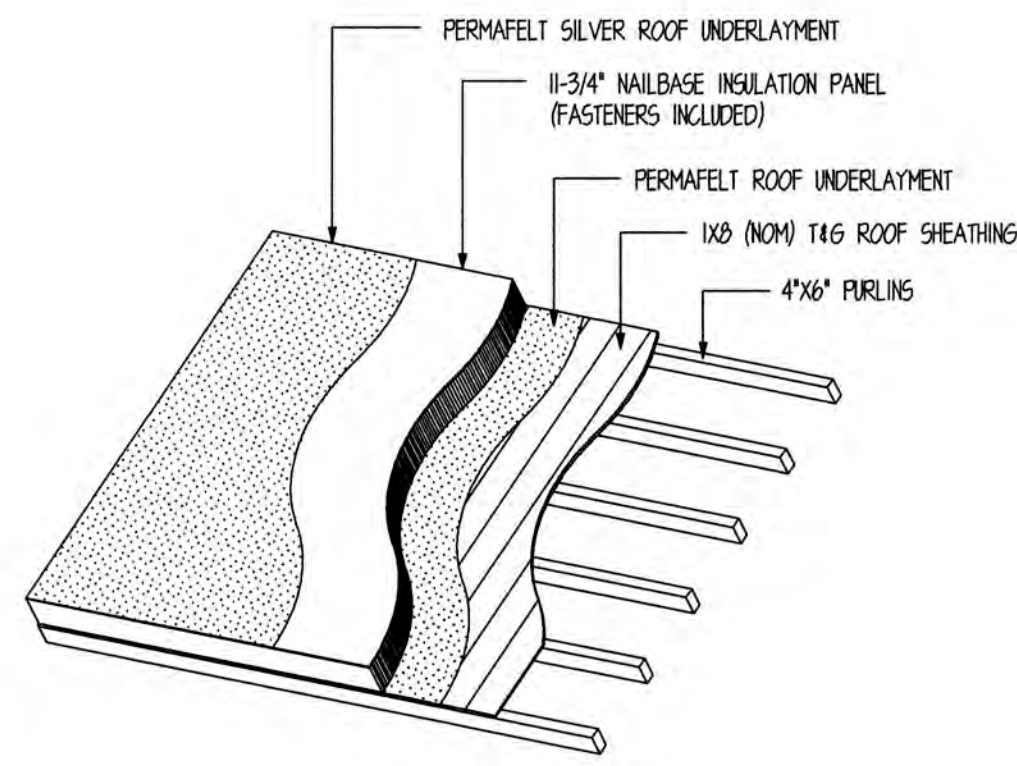
REVISION: 6 (01/08/2022)

DRAWN BY: CV

DRAWING STATUS: FINAL PLAN SET

SAND CREEK POST & BEAM
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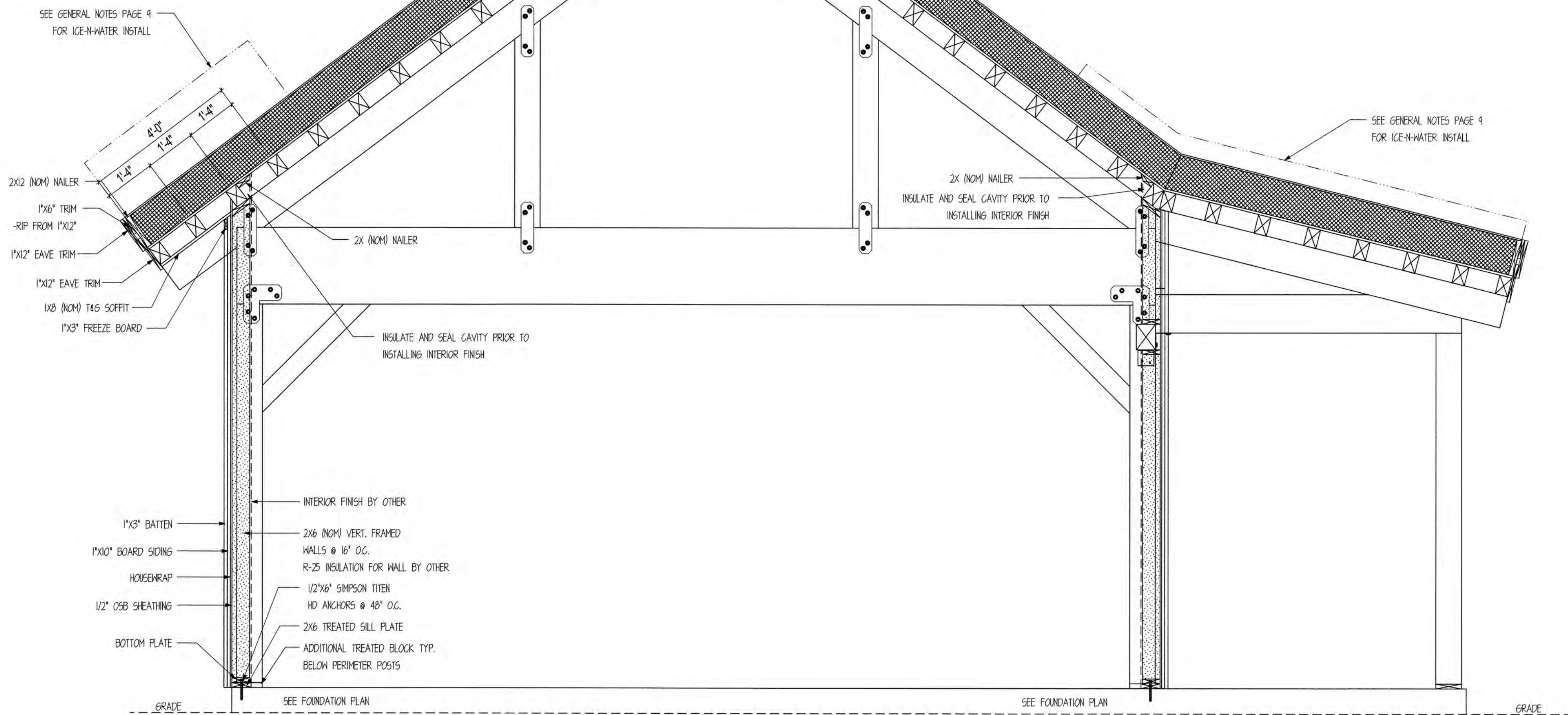


R-1
TYP. R-50 ROOF INSULATION SYSTEM =
PERMAFELT ROOF UNDERLAYMENT O/
11-3/4\"/>

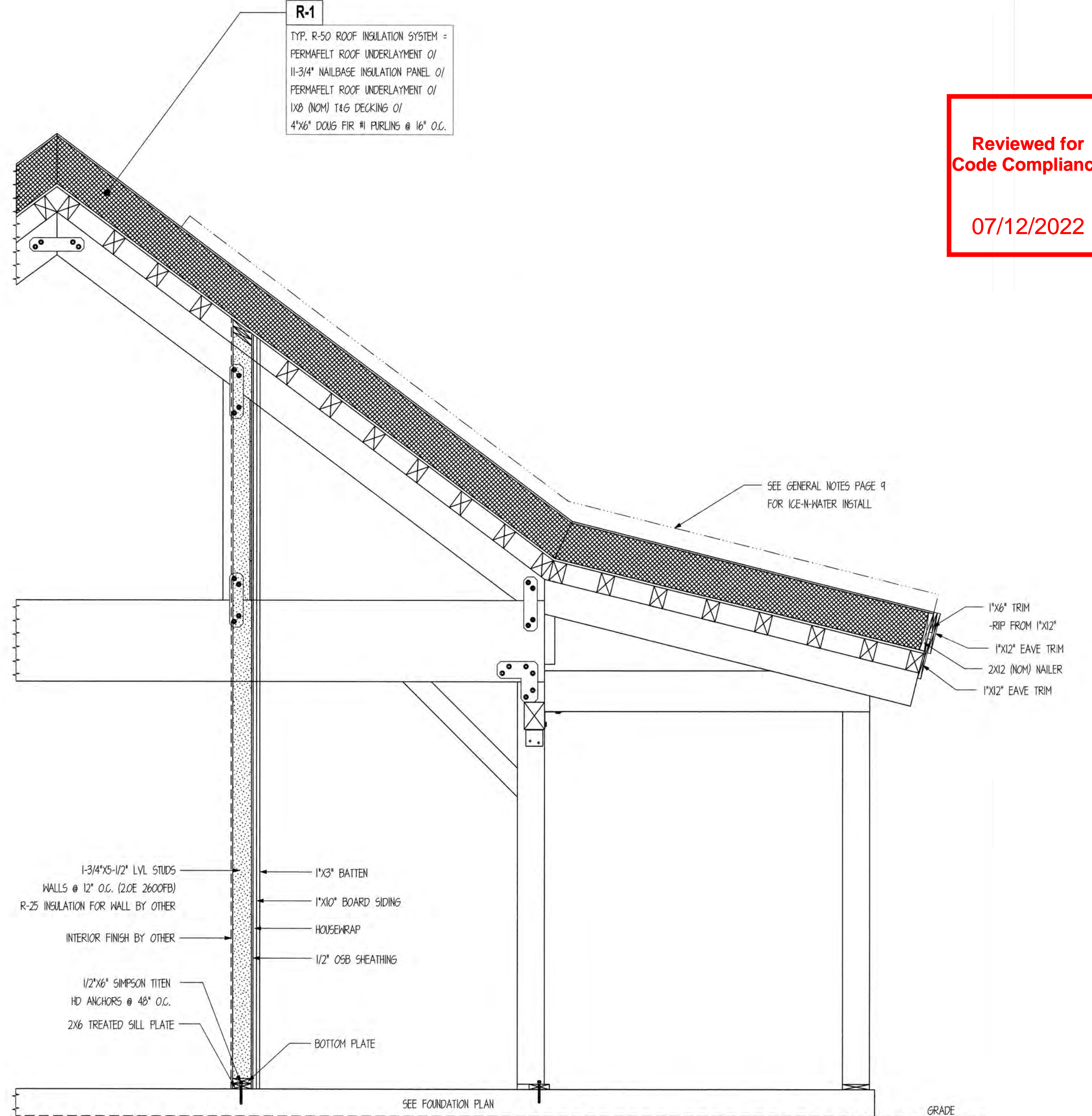
R-1
TYP. R-50 ROOF INSULATION SYSTEM =
PERMAFELT ROOF UNDERLAYMENT O/
11-3/4\"/>

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07/12/2022



A FULL BUILDING SECTION
SCALE : 1/2" = 1'



B FULL BUILDING SECTION
SCALE : 1/2" = 1'

GENERAL NOTES:
INTERIOR WALL AND CEILING FINISHES
-COMBINATION OF 1/2" DRYWALL AND NATIVE PINE SHIPLAP
(BY CUSTOMER)

-INSTALL ICE-N-WATER FROM EAVE TO A POINT NO LESS THAN
24" INSIDE THE EXTERIOR WALL

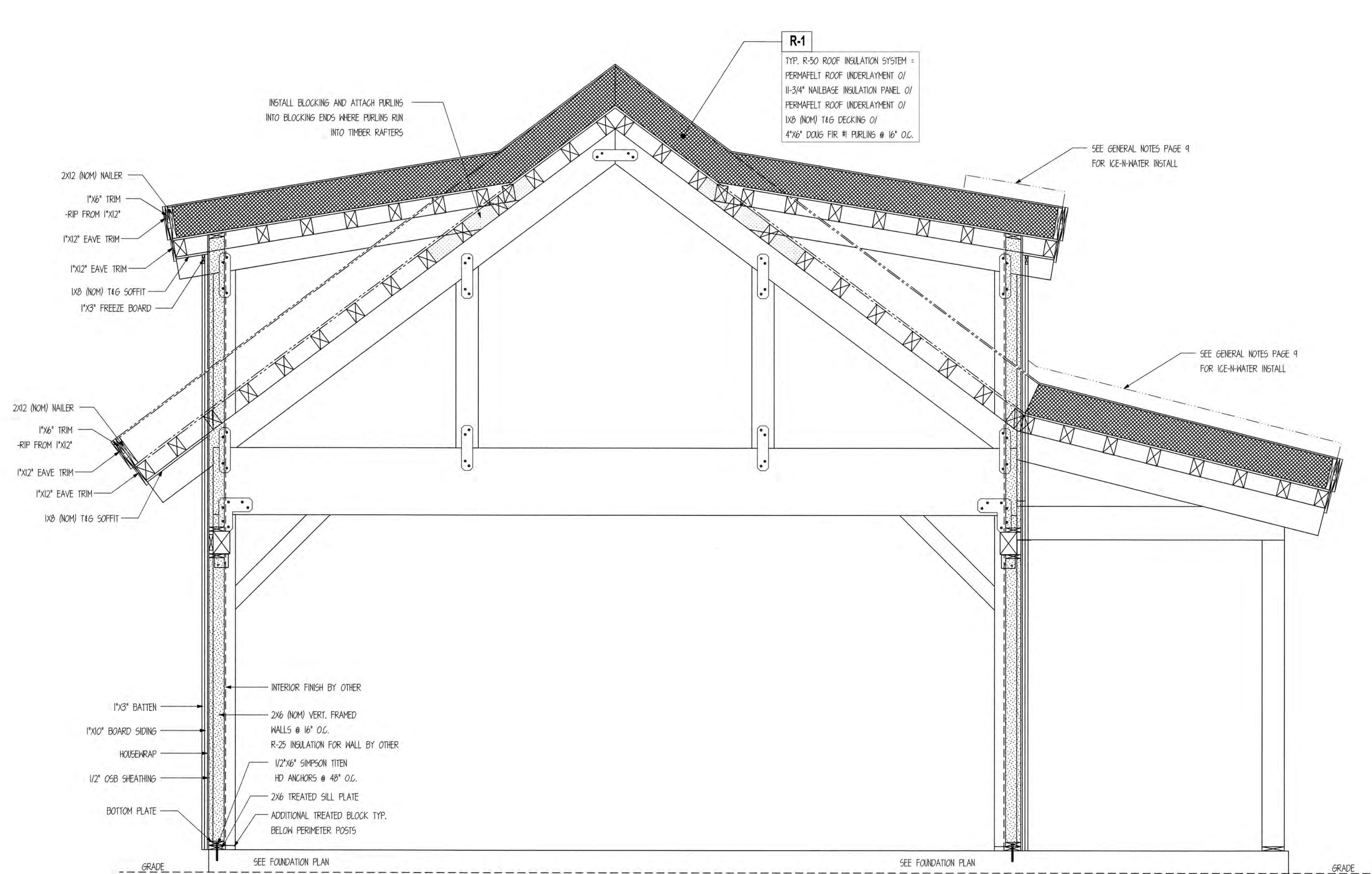
-ROOF SYSTEM IS A CLOSED SYSTEM AND THUS DOES NOT NEED
ROOF VENTILATION



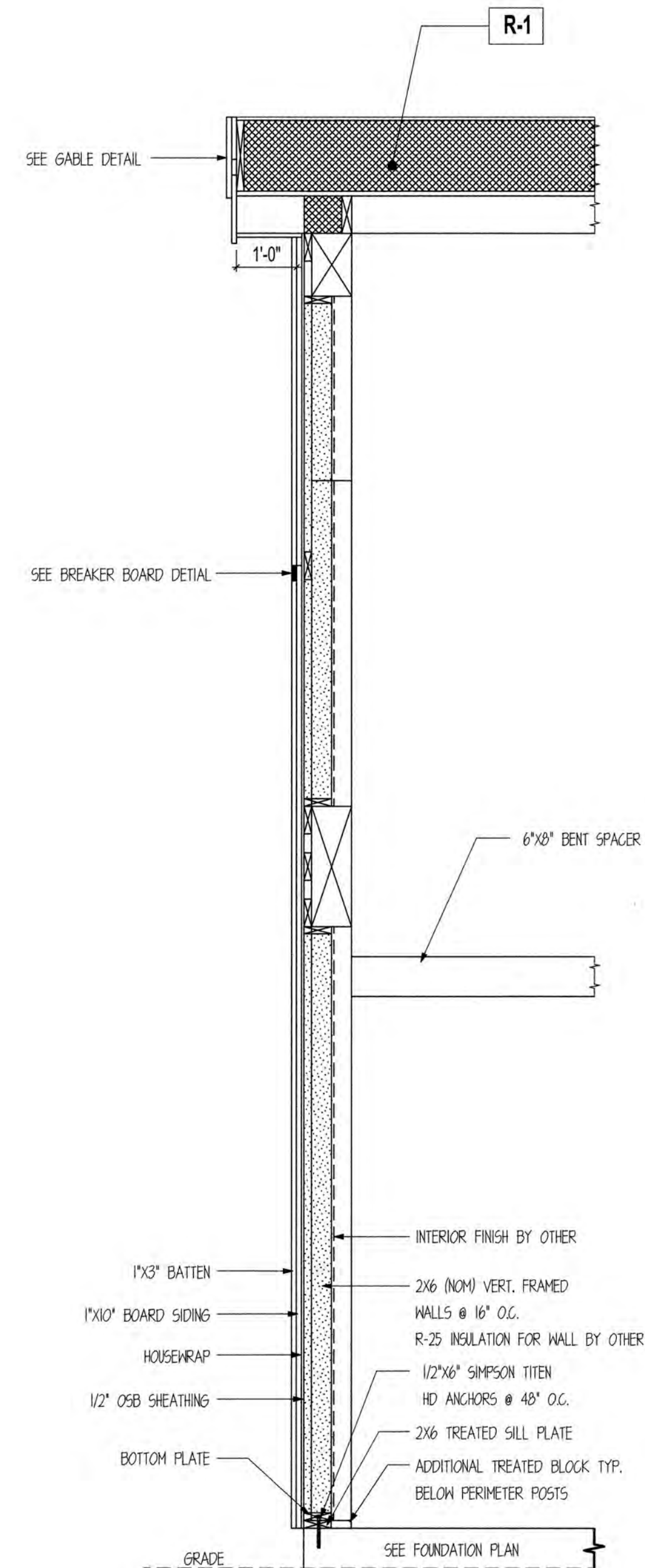
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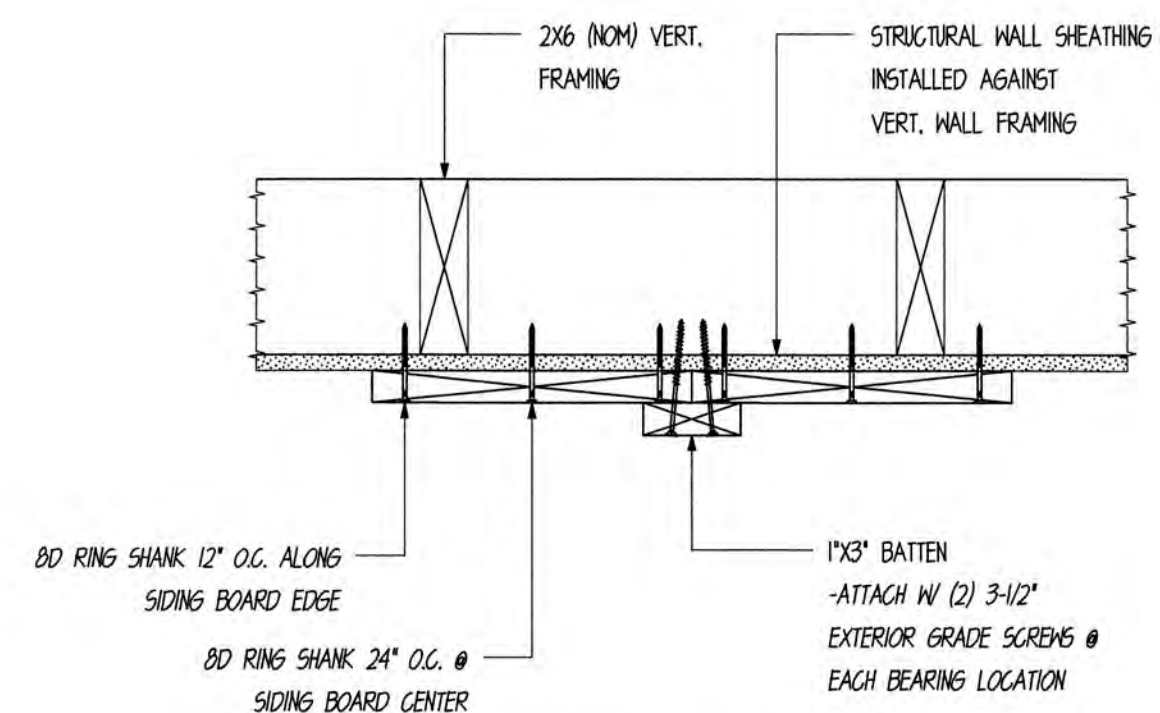
C FULL BUILDING SECTION
SCALE : 1/2" = 1'



D EXTERIOR WALL SECTION
SCALE : 1/2" = 1'



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TYP. DOOR AND WINDOW
FRAMING DETAIL

*** CONTRACTOR TO VERIFY OPENING
SIZE PRIOR TO FRAMING ***

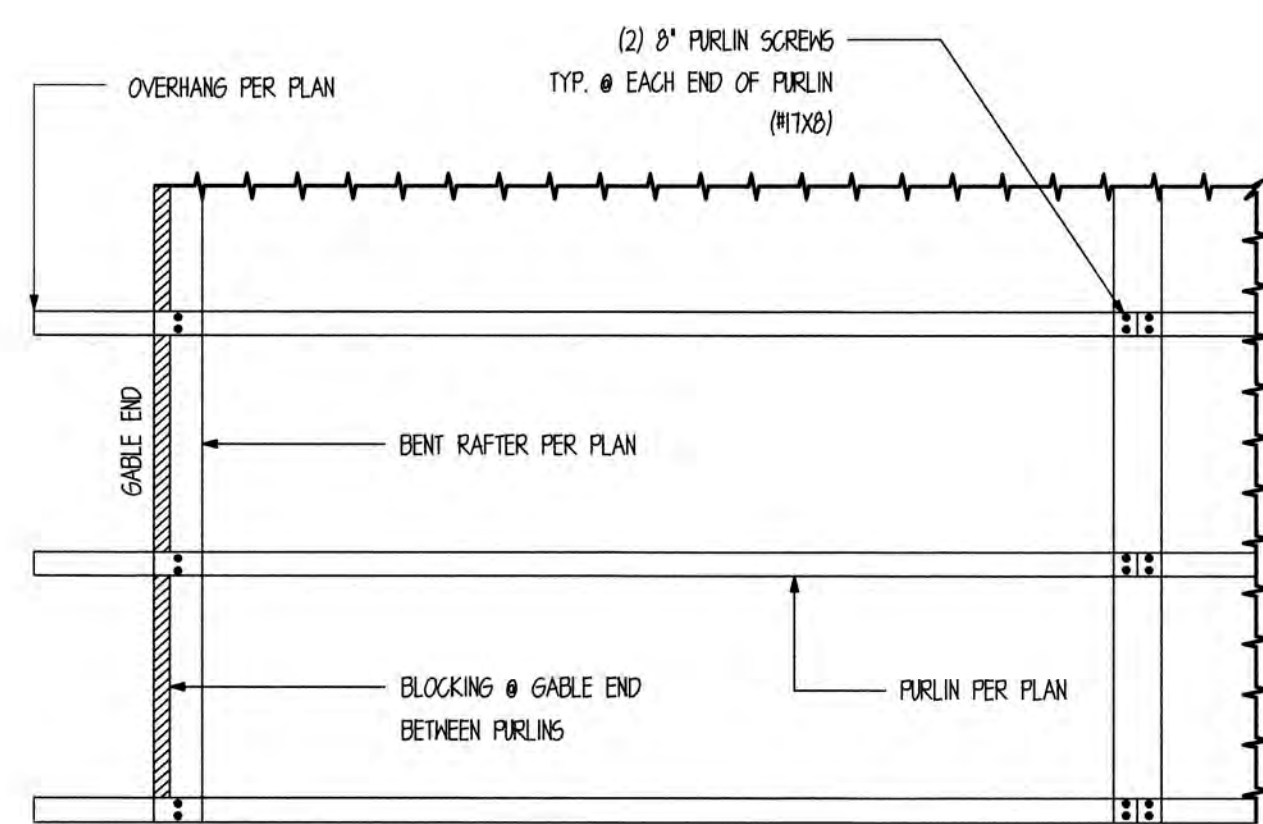
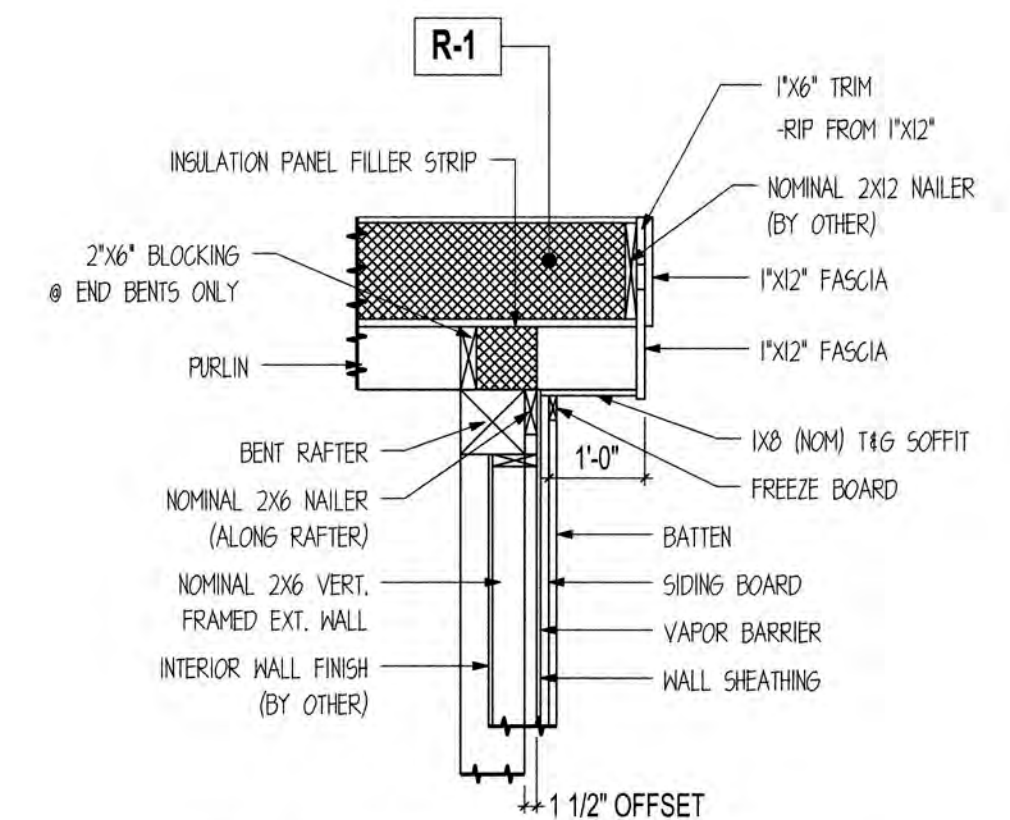
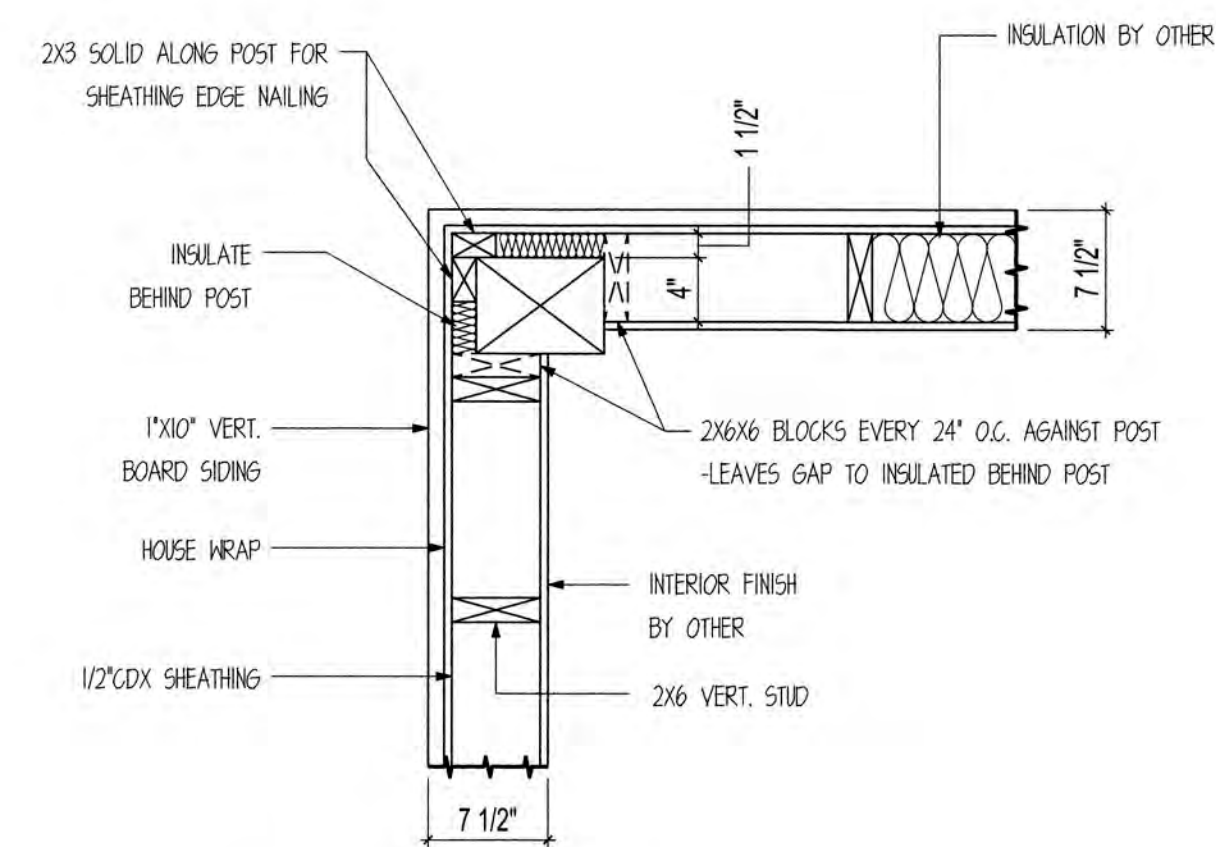


Diagram 3 is an elevation view of a roof assembly. It shows a horizontal section with a dashed line representing the sheathing splice. Above the splice, there are two vertical sections representing the bent rafter per plan. The diagram is labeled with the following components:

- (3) 2-3/8" BD RING SHANK NAILS PER BEARING LOCATION
- SHEATHING SPLICE
- BENT RAFTER PER PLAN
- FURLIN PER PLAN
- SHEATHING BOARD PER PLAN

NOTE: FASTENERS NOT SUPPLIED IN
SAND CREEK POST & BEAM BARN KIT



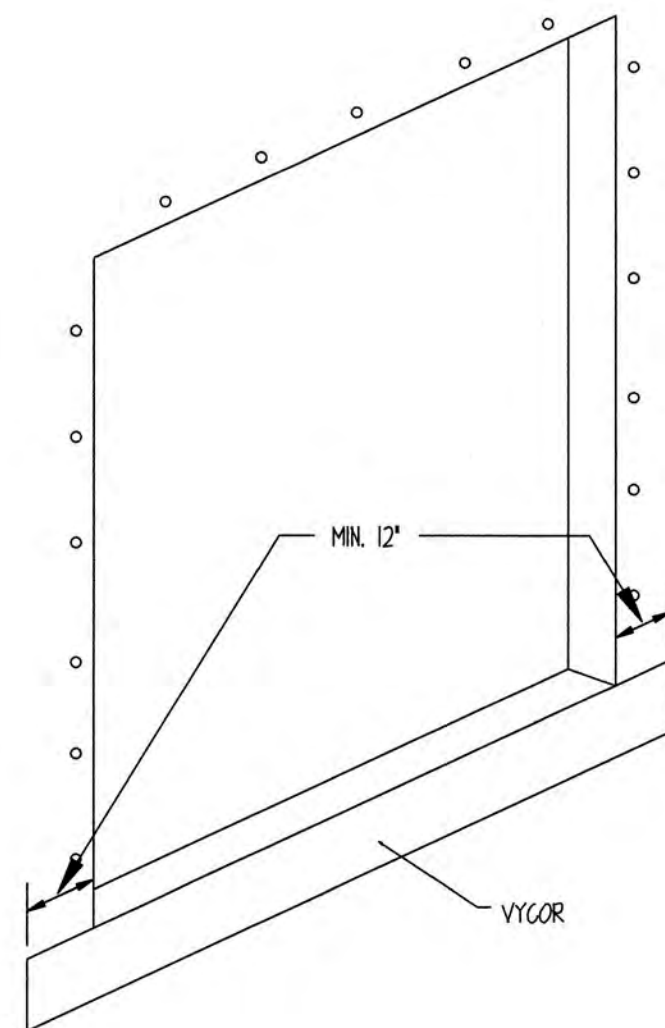
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SAND CREEK Post & Beam

11

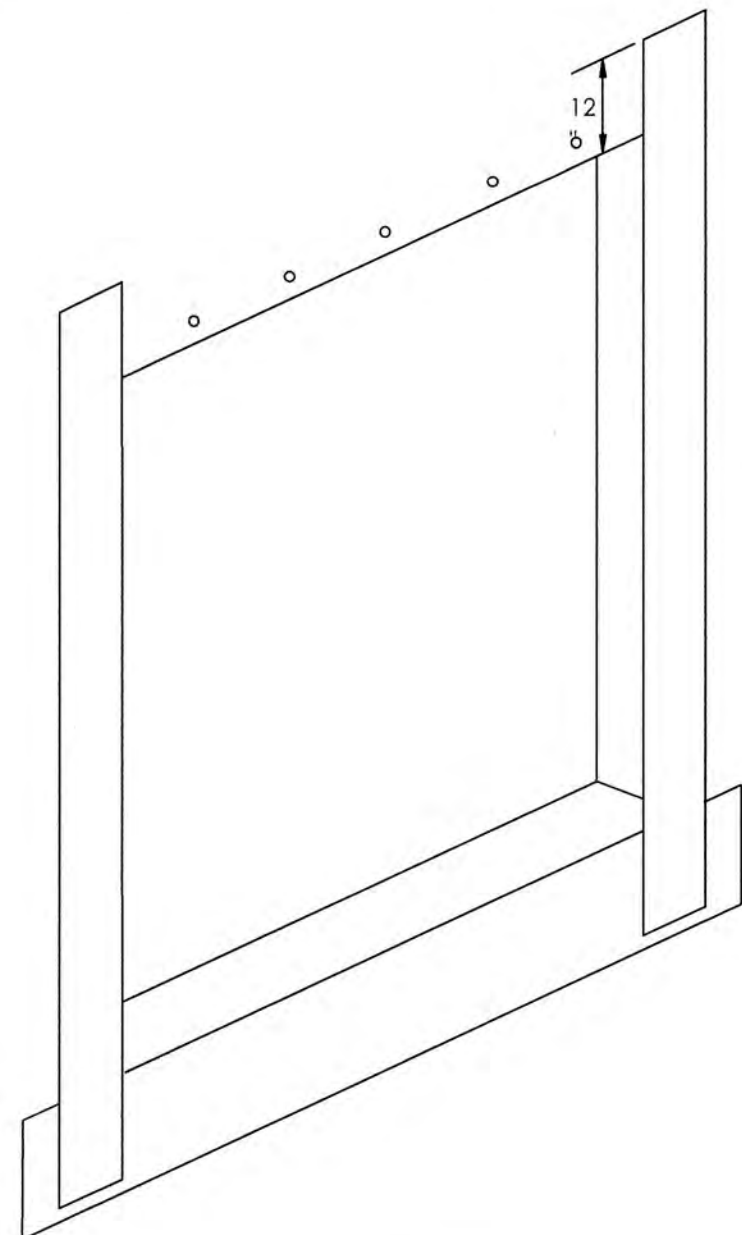
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STEP 1

INSTALL 12" WIDE MOISTOP PER DIAGRAM, LEAVING RELEASE PAPER ON BACKSIDE, PLACE PAPER SIDE AGAINST SHEATHING AND ATTACH BY STAPLING OR NAILING ALONG TOP EDGE.

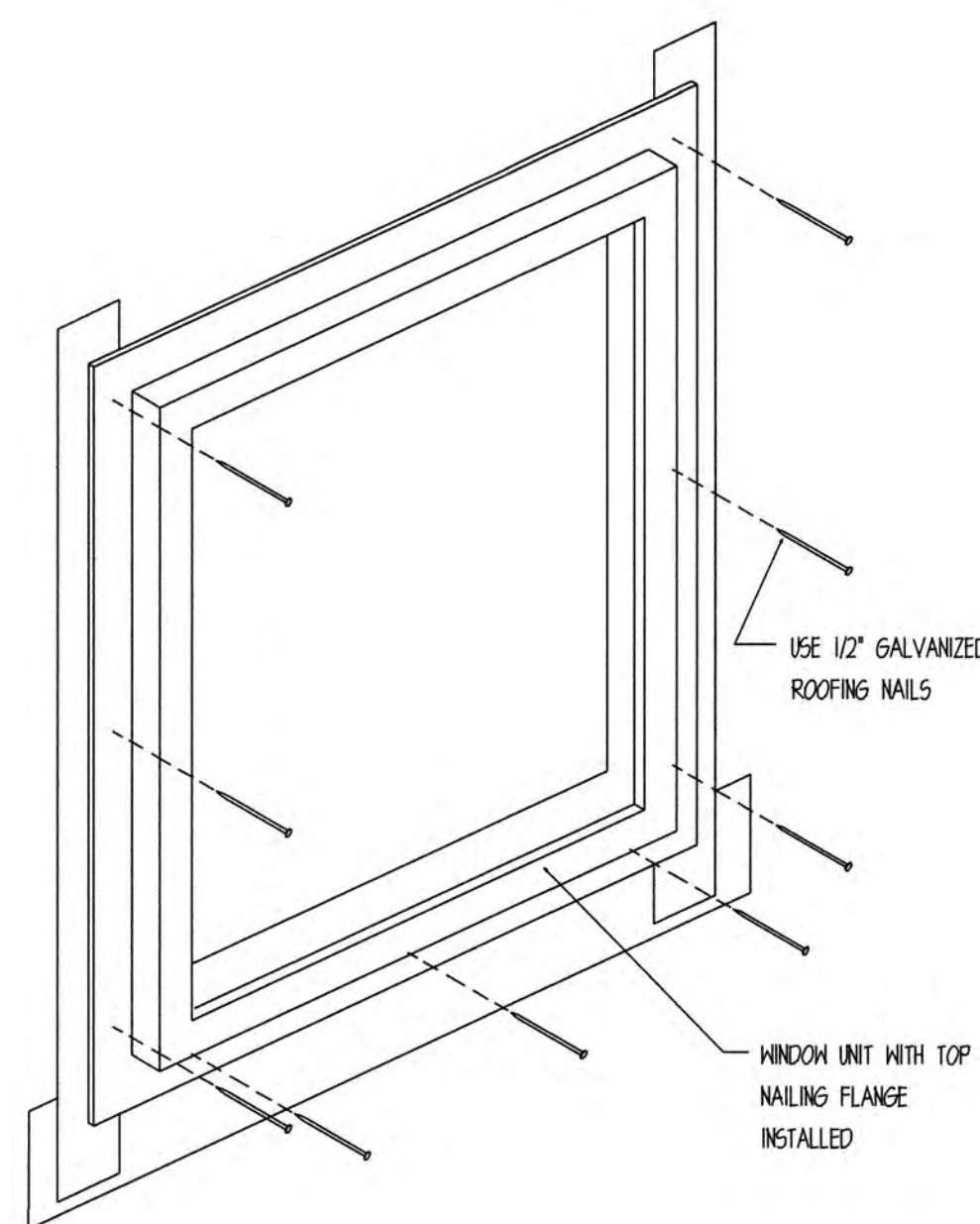


STEP 2

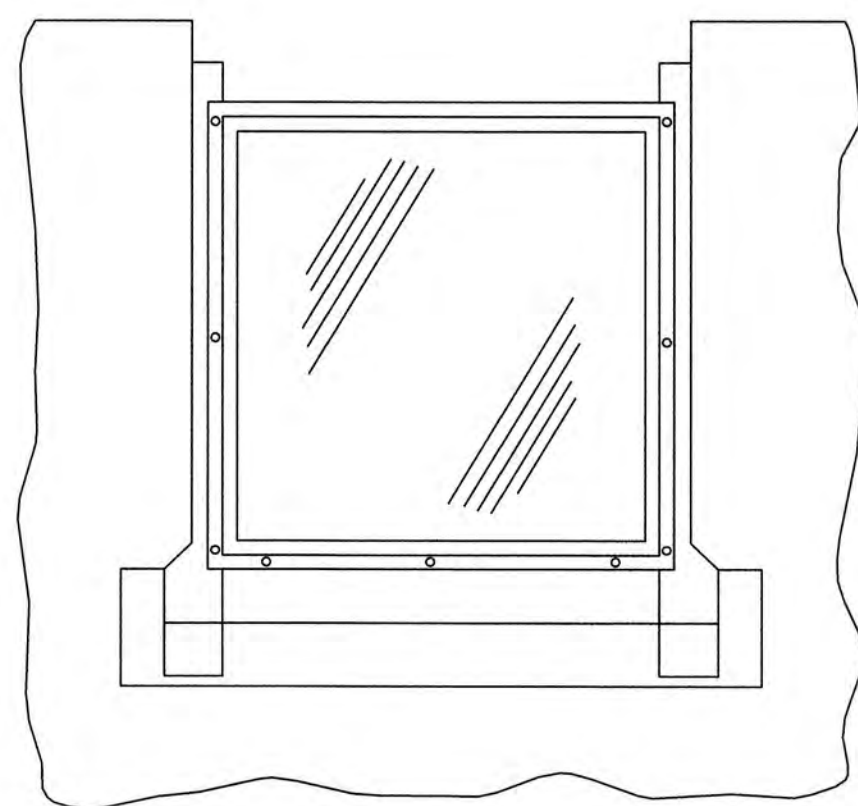
INSTALL 12" MOISTOP JAMB PIECES PER DIAGRAM, ADHERING TO SHEATHING AND FRAMING.

FOR ADDITIONAL ATTACHMENT, STAPLE PERIMETER EDGES ABOVE SILL AREA.

UPON COMPLETION OF STEPS (1 THRU 4) USING A J-ROLLER, APPLY PRESSURE AND ROLL ENTIRE SURFACE OF MOISTOP TO REMOVE WRINKLES & AIR POCKETS.

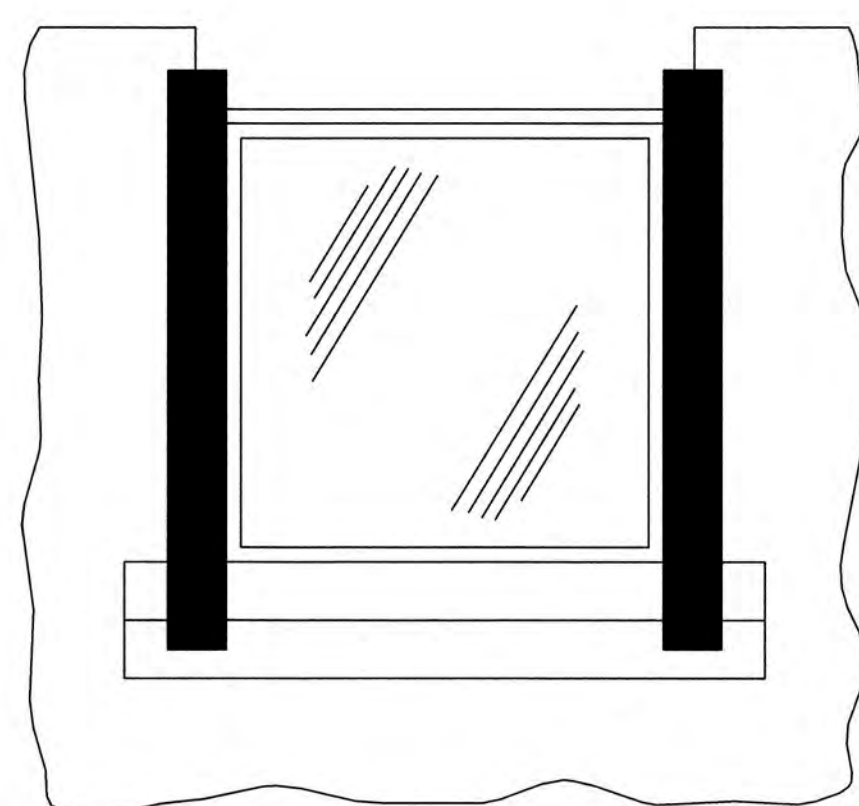


STEP 3



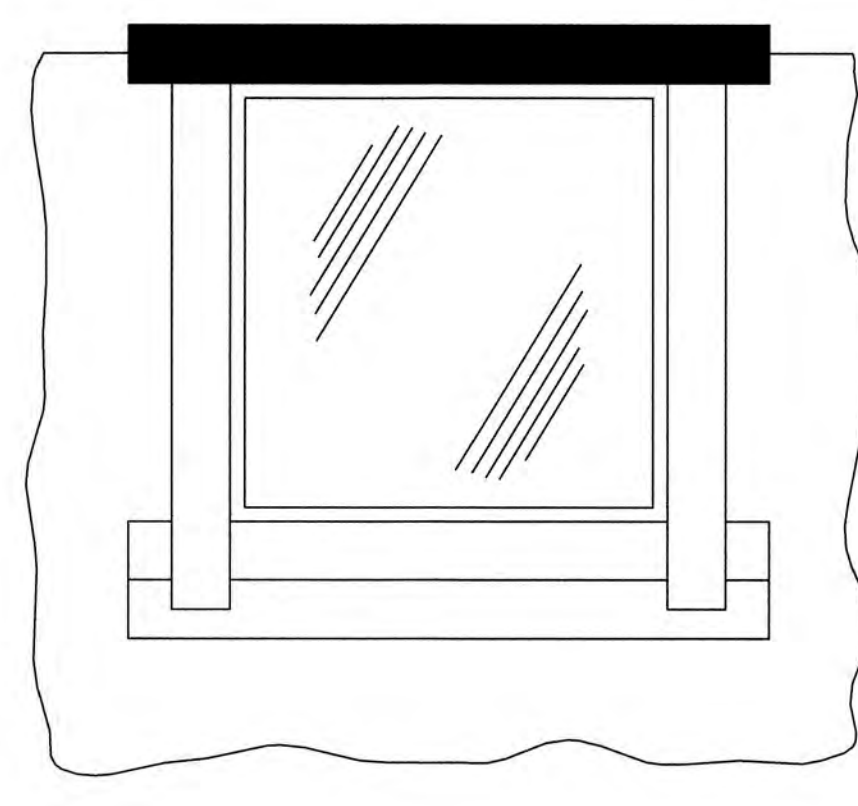
STEP 4

PLACE 60 MIL BUILDING PAPER AROUND WINDOWS AS SHOWN CONTINUOUS AROUND STRUCTURE - REMOVE BACKING FROM MOISTOP SILL PIECE AND ADHERE TO BUILDING WRAP



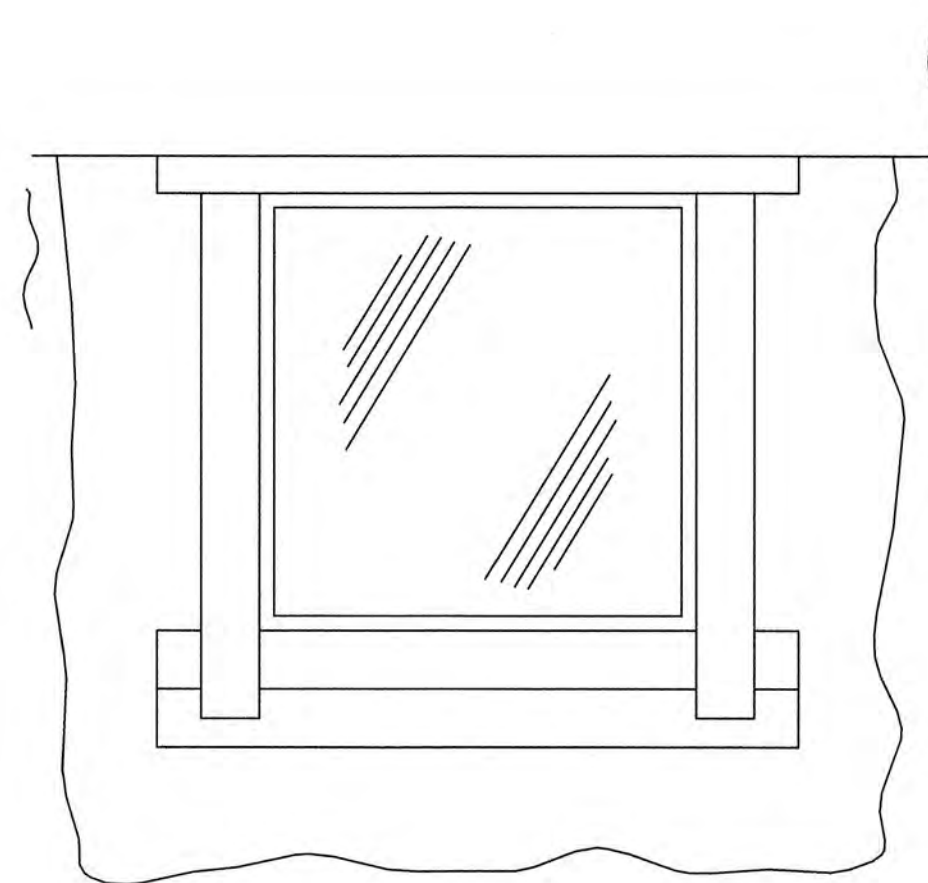
STEP 5

INSTALL 20 MIL VYCOR TAPE PER DIAGRAM ADHERING TO THE WINDOW SILL NAILING FLANGE.



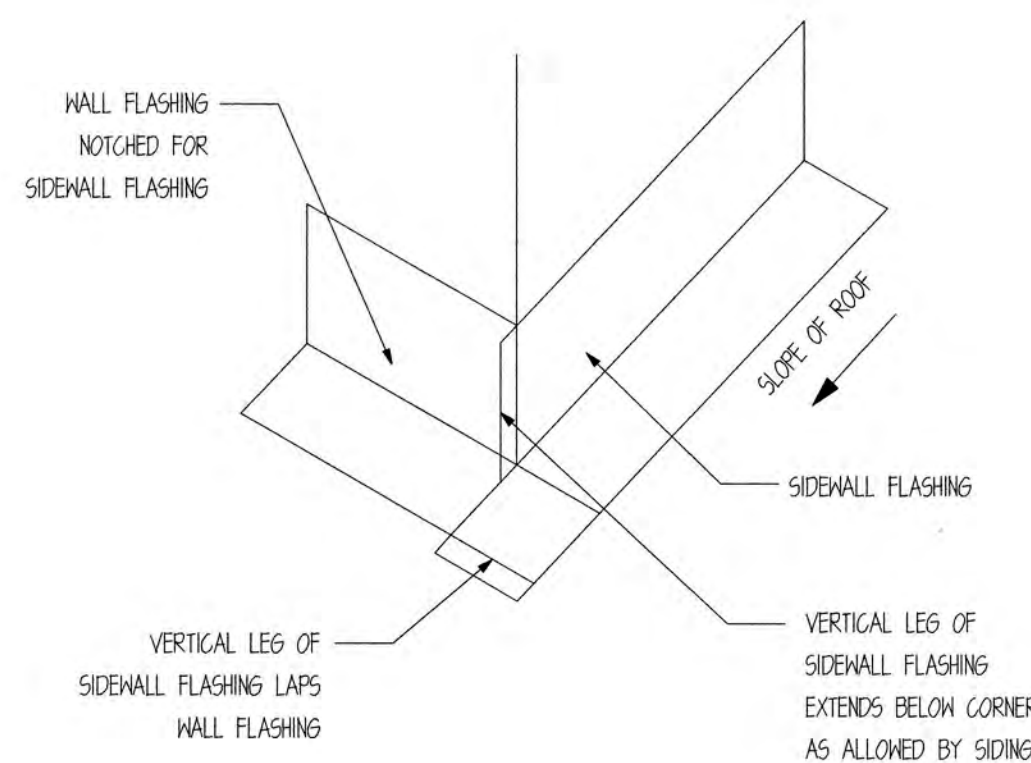
STEP 6

INSTALL 20 MIL VYCOR PER DIAGRAM, ADHERING TO THE WINDOW HEAD FLANGE AND SHEATHING. UPON COMPLETION OF STEPS, USING A J-ROLLER, APPLY PRESSURE AND ROLL ENTIRE SURFACE OF VYCOR TO REMOVE WRINKLES AND AIR POCKETS.



STEP 7

INSTALL 60 MIL BUILDING PAPER AS SHOWN CONTINUOUS AROUND STRUCTURE

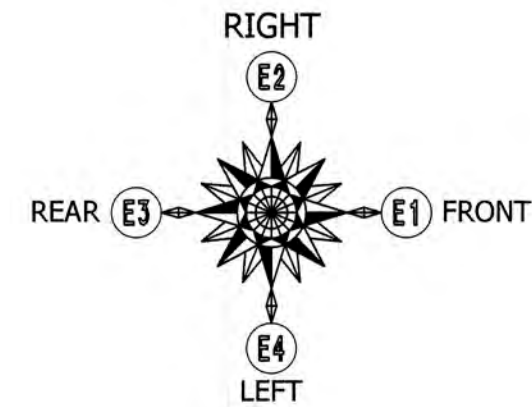


KICK-OUT FLASHING

SCALE: N.T.S.



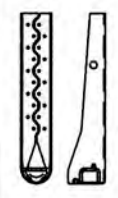
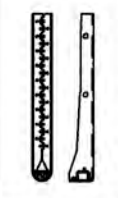
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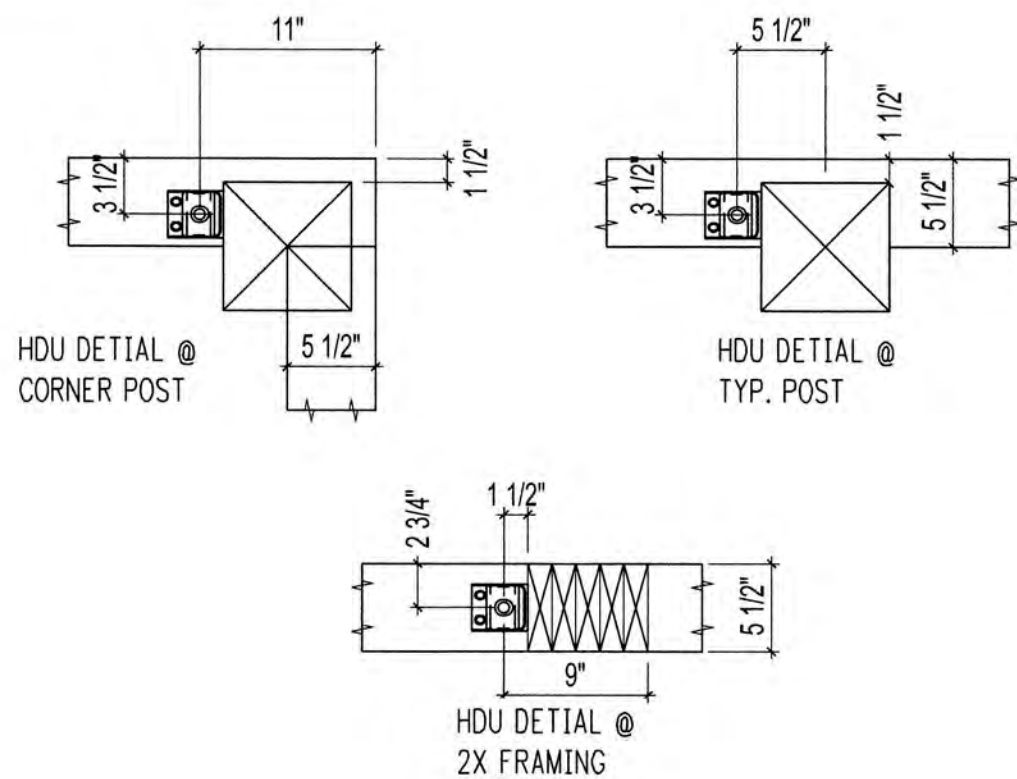


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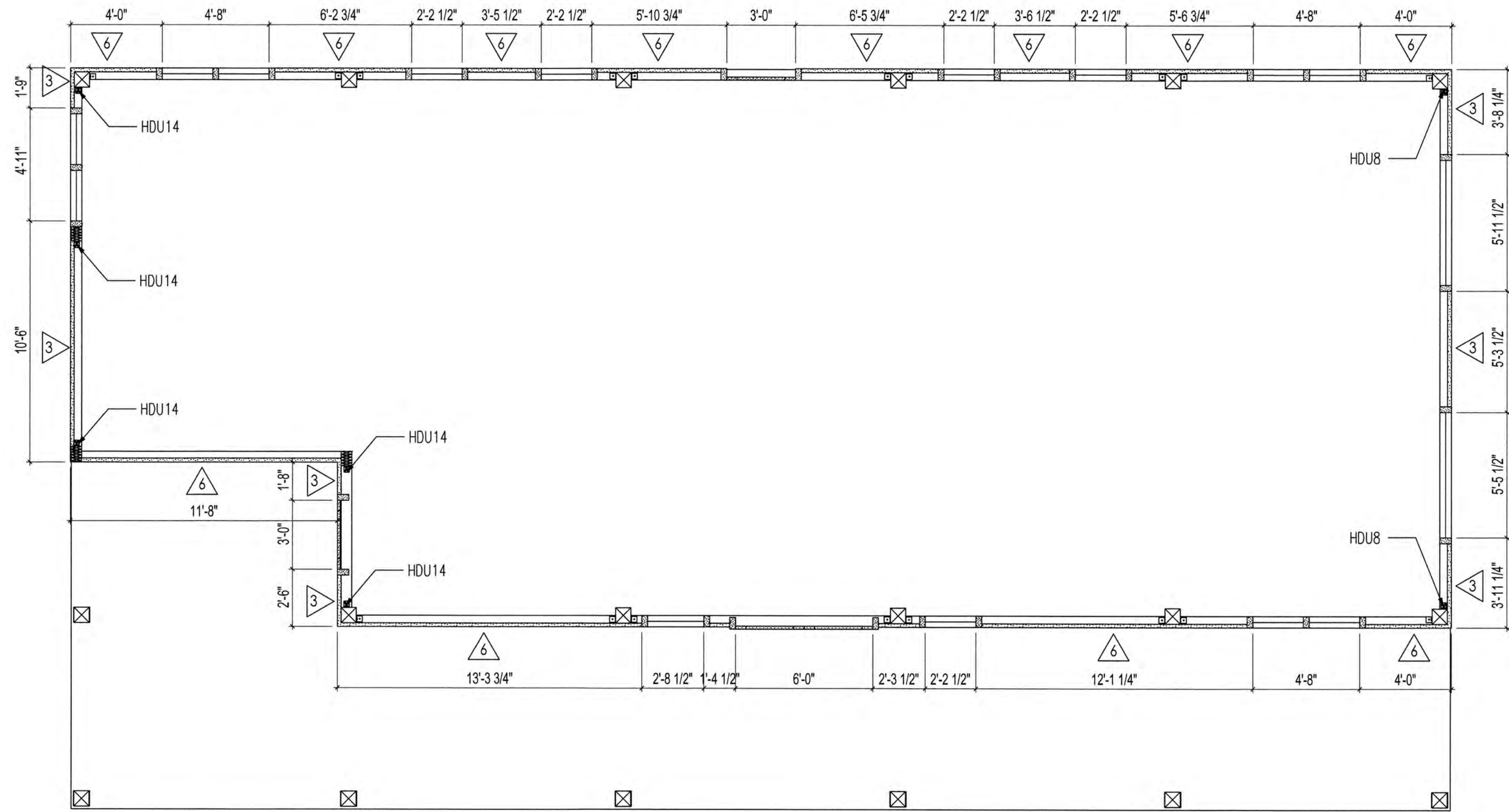
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SHEAR WALL SCHEDULE				
MARK	WALL SHEATHING	NAIL SIZE	EDGE NAIL SPACING	FIELD NAIL SPACING
3	1/2" OSB SHEATHING	8D NAILS	3" O.C.	12" O.C.
6	1/2" OSB SHEATHING	8D NAILS	6" O.C.	12" O.C.
SHEARWALL NOTES:				
1. VERT. 2X6 (NOM) STUDS @ 16" O.C. MAX. 2. ALL FIELD NAILING TO BE 12" O.C. AND ALL UNSUPPORTED PANEL EDGS ARE TO BE BLOCKED. 3. ALL SHEAR WALLS HAVE 2X6 (NOM) TREATED SILL PLATE. 4. ALL SILL PLATE ANCHORED TO FOUNDATION W/ 5/8" DIA. ANCHOR BOLTS W/ 3"x3"x0.229" PLATE WASHERS. 5. ANCHOR BOLTS SHALL BE PLACED @ ALL JAMBS, CORNERS, AND INTERSECTIONS. 6. FIELD VERIFY ALL DOOR AND WINDOW OPENINGS ON SITE PRIOR TO FRAMING OPENINGS.				

HOLDOWN DESCRIPTIONS	
-REFER TO MANUF. SPECS FOR FURTHER INFORMATION ABOUT PRODUCT AND ATTACHMENTS -USE SIMPSON SET EPOXY OR EQUIV. -HOLDOWNS ARE NOT SUPPLIED W/ SAND CREEK POST & BEAM BARN KIT -GENERAL CONTRACTOR TO SUPPLY	
	SIMPSON HDU8-SDS2.5 ATTACH INTO MIN. 4-1/2" FRAMING W/ 20 SDS 1/4"x2-1/2" SCREWS. ANCHOR INTO FOUNDATION W/ 7/8" DIA. THREADED ROD (EPOXY SET) MIN. 12" EMBEDMENT.
	SIMPSON HDU14-SDS2.5 ATTACH INTO MIN. 7-1/4" FRAMING W/ 36 SDS 1/4"x2-1/2" SCREWS. ANCHOR INTO FOUNDATION W/ 1" DIA. THREADED ROD (EPOXY SET) MIN. 12" EMBEDMENT.



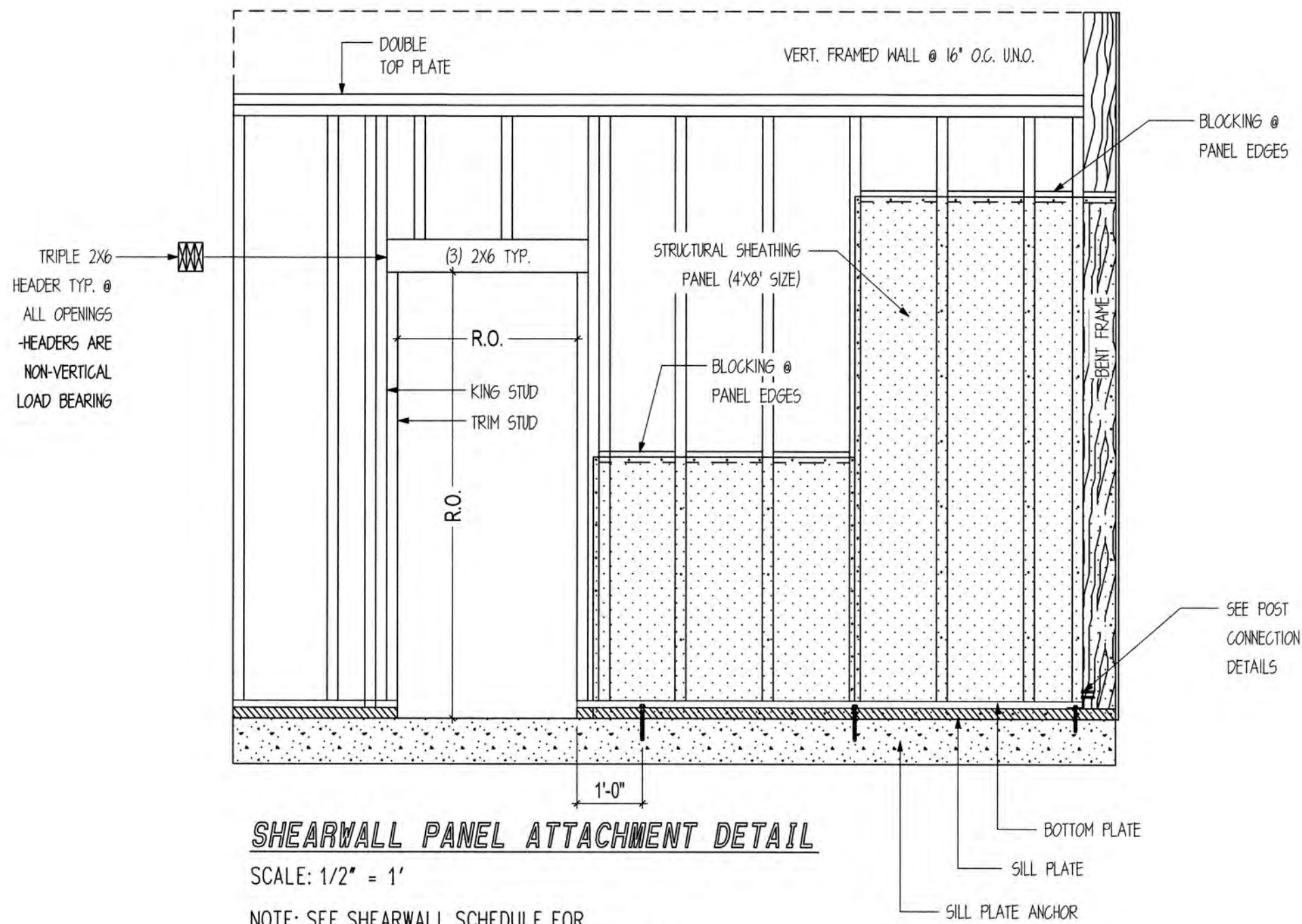
HDU LOCATION DETAILS
SCALE: 1" = 1'



MAIN FLOOR SHEAR WALL LAYOUT

SCALE: 1/4" = 1'

NOTE: SEE SHEET #4 FOR DOOR/WINDOW SIZES AND LOCATIONS. CONTRACTOR TO FIELD VERIFY OPENING SIZES PRIOR TO FRAMING.



SHEARWALL PANEL ATTACHMENT DETAIL

SCALE: 1/2" = 1'

NOTE: SEE SHEARWALL SCHEDULE FOR ALL PANEL ATTACHMENTS AT PANEL EDGES AND IN THE FIELD OF THE PANEL.



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