

POLE BUILDING PLANS

BUILDING OWNER: RICHARD ATWOOD
 BUILDING LOCATION: 800 S SPRINGBROOK RD
 NEWBERG, OR 97132
 COUNTY: YAMHILL
 MAIN BUILDING DIMENSIONS: 45'W X 60'L X 16'H
 LEAN TO DIMENSIONS:
 ROOF PITCH: 4 IN 12
 BUILDING AREA/CONST. TYPE: 2700 SF / TYPE V-B
 ROOF FRAMING SYSTEM: PRE-ENGINEERED TRUSSES BY OTHERS
 ROOF ASSEMBLY: 1/2 COMP
 WALL ASSEMBLY: EXTERIOR PANEL SHEATHING
 BUILDING USE: PRIVATE SHOP
 CONTRACTOR / BUILDER: PACIFIC POLE BUILDINGS
 ADDRESS:

BUILDING DESIGN CRITERIA

GROUND SNOW LOAD = 8 PSF
 ROOF DEAD LOAD = 8 PSF
 WIND SPEED = 100 MPH (3 SEC. GUST)
 WIND EXPOSURE = C

SEISMIC DESIGN PARAMETERS:

$S_s = 0.85$ $S_1 = 0.41$

SEISMIC DESIGN CATEGORY = D
 RISK CATEGORY = I
 SOIL BEARING CAPACITY = 1,500 PSF

BUILDING CODES & REFERENCES

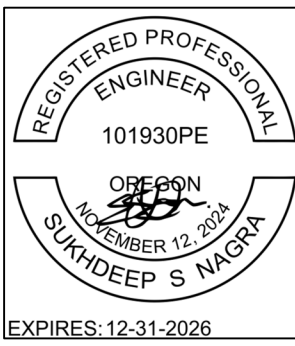

- 2022 OSSC
- ASCE 7-16
- NDS 2018

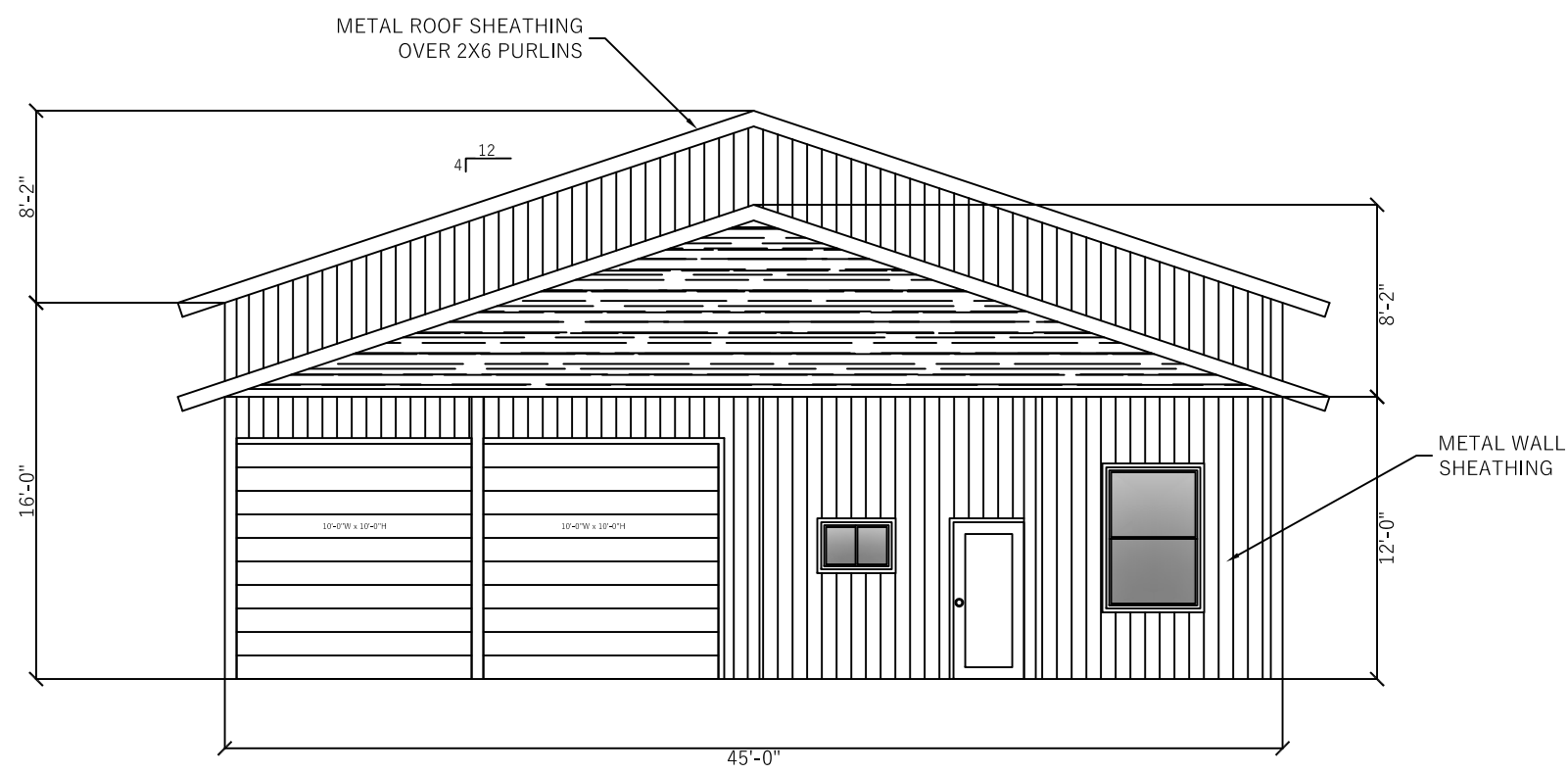
CONSTRUCTION NOTES

1. ALL DRAWINGS SHALL BE REVIEWED AND APPROVED BY OWNER AND/OR CONTRACTOR PRIOR TO BEGINNING OF SITE WORK OR BUILDING CONSTRUCTION. ALL DIMENSIONS AND SPECIFICATIONS SHALL BE VERIFIED AND ANY DISCREPANCIES, ERRORS AND/OR OMISSIONS SHALL BE REPORTED TO RELIANCE ENGINEERING PRIOR TO MATERIAL PURCHASE AND BEGINNING OF CONSTRUCTION. RELIANCE ENGINEERING SHALL NOT BE HELD LIABLE FOR ANY COSTS OR DAMAGES INCURRED DUE TO DISCREPANCIES, ERRORS AND/OR OMISSIONS DISCOVERED AFTER CONSTRUCTION HAS BEGUN.
2. THE BUILDING OWNER AND OR CONTRACTOR ACCEPTS FULL RESPONSIBILITY FOR ANY WORK DONE THAT IS NOT SHOWN ON OR DOES NOT COMPLY WITH THESE PLANS. REQUESTS FOR ANY CHANGES SHALL BE MADE TO THE ENGINEER IN WRITING, AND SHALL BE RECEIVED FROM THE ENGINEER IN WRITING PRIOR TO IMPLEMENTATION.
3. STRUCTURAL CONCRETE FOR SLABS AND FOUNDATIONS SHALL BE A MINIMUM OF 2,500 PSI COMPRESSIVE STRENGTH AT 28 DAYS WITH NO SPECIAL INSPECTION REQUIRED. FOOTINGS AND FOUNDATIONS SHALL BE CAST AGAINST UNDISTURBED NATIVE SOIL UNLESS OTHERWISE NOTED ON THE PLANS.
4. ALL DIMENSIONAL LUMBER SHALL BE #2 DF OR BETTER UNLESS OTHERWISE NOTED ON THE PLANS. HIGHER GRADE LUMBER OF SAME SPECIES MAY BE SUBSTITUTED FOR SPECIFIED GRADE.
5. ALL WOOD IN CONTACT WITH CONCRETE ABOVE GROUND SHALL BE PRESSURE TREATED FOR ABOVE GROUND CONTACT. ALL WOOD EMBEDDED IN GROUND SHALL BE PRESSURE TREATED FOR BURIAL.
6. ROOF & WALL WOOD SHEATHING (IF USED)-UNLESS OTHERWISE NOTED ON THE PLANS:
 ALL ROOF AND WALL WOOD SHEATHING SHALL BE AN APPROVED APA RATED SHEATHING, EXPOSURE 1, GRADE C-D, EXTERIOR GLUE, 7/16" THICK (MINIMUM). EXTERIOR GRADE SHEATHING SHALL BE RATED FOR EXTERIOR USE. WOOD ROOF SHEATHING SHALL BE NAILED WITH 8d NAILS AT 6" O.C. EDGES AND 12" O.C. FIELD. 2X BLOCKING IS NOT REQUIRED FOR ROOF SHEATHING. WALL SHEATHING SHALL BE NAILED WITH 8d NAILS AT 6" O.C. EDGES AND 12" O.C. FIELD OR AS SPECIFIED ON THE PLANS. 2X BLOCKING SHALL BE INSTALLED AT ALL PANEL EDGES ON ALL WALLS.
7. ALL FASTENERS EXPOSED TO THE ELEMENTS SHALL BE GALVANIZED OR CORROSION RESISTANT. ALL FASTENERS IN PRESSURE TREATED WOOD SHALL BE HOT-DIPPED GALVANIZED OR STAINLESS STEEL.
8. IF PLANS SPECIFY GRANULAR BACKFILL IN POSTHOLE, BACKFILL WITH ¾" MINUS CLEAN CRUSHED GRAVEL TO SPECIFIED EMBEDMENT DEPTH. BACKFILL IN 6" LIFTS AND SATURATE AND COMPACT EACH LIFT.
9. INSTALL ALL TRUSS BRACING PER TRUSS ENGINEERING. INSTALL TEMPORARY TRUSS BRACING DURING CONSTRUCTION PER BCSI-B10 GUIDELINES FOR POST FRAME TRUSS INSTALLATION, RESTRAINT & BRACING DURING CONSTRUCTION.
10. IF SOLID ROCK IS ENCOUNTERED AND THE POSTHOLE DEPTH CANNOT BE DRILLED TO THE DEPTH AS SPECIFIED, THE FOLLOWING CRITERIA MAY BE USED:
 - A. ALL POSTHOLES MUST BE A MINIMUM OF 30" DEEP AND
 - B. THE SOLID ROCK PORTION OF THE POSTHOLE DEPTH MUST BE A MINIMUM OF 18" DEEP AND
 - C. ALL POSTHOLES MUST BE BACKFILLED WITH CONCRETE BACKFILL FULL DEPTH
 - D. THE 6" CONCRETE FOOTING AT THE BOTTOM OF THE HOLE MAY BE OMITTED FOR POSTS BEARING ON SOLID ROCK

STRUCTURAL DRAWING INDEX

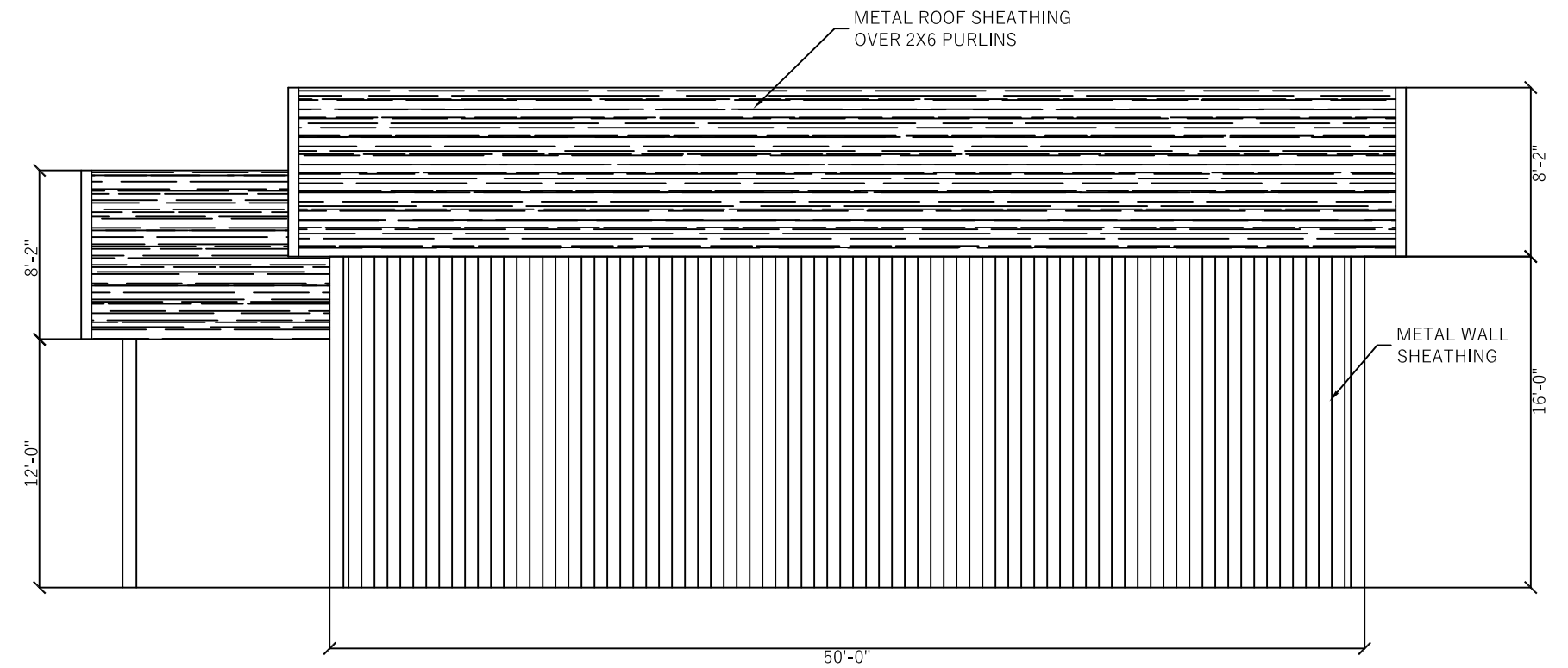
CODE	CONTENT
S-1	COVER SHEET
S-2	ELEVATION VIEWS
S-3	FOUNDATION PLAN
S-4	FRAMING PLAN
S-5	DETAILS
S-6	DETAILS

SEAL BELOW  SIGNED: - 11/20/2025 THE ENGINEERING SEAL COVERS STRUCTURAL DESIGN ELEMENTS PRESENTED IN THIS SET OF PLANS. IT DOES NOT PROVIDE ANY ARCHITECTURAL, SITE, ZONING, HVAC, ELEC, MECH DESIGN OR REQUIREMENTS. THESE ITEMS MUST BE ADDRESSED BY THEIR RESPECTIVE PROFESSIONALS IN CHARGE.	TITLE SHEET		OWNER	LOCATION
	COVER SHEET		RICHARD ATWOOD	800 S SPRINGBROOK RD NEWBERG OR 97132
	DATE	NUMBER SHEET		
	NOV 2025	S-1		
				



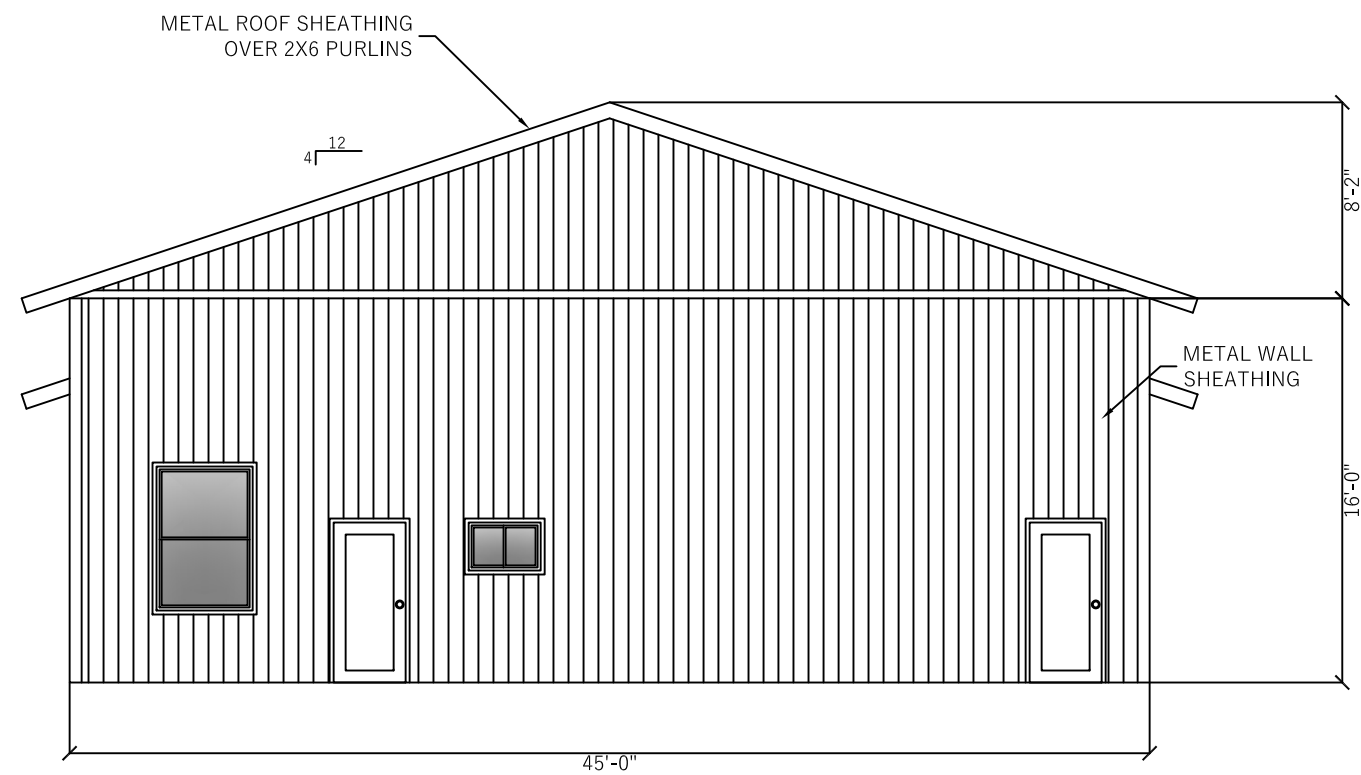
FRONT ELEVATION

SCALE: 1/8" : 1'



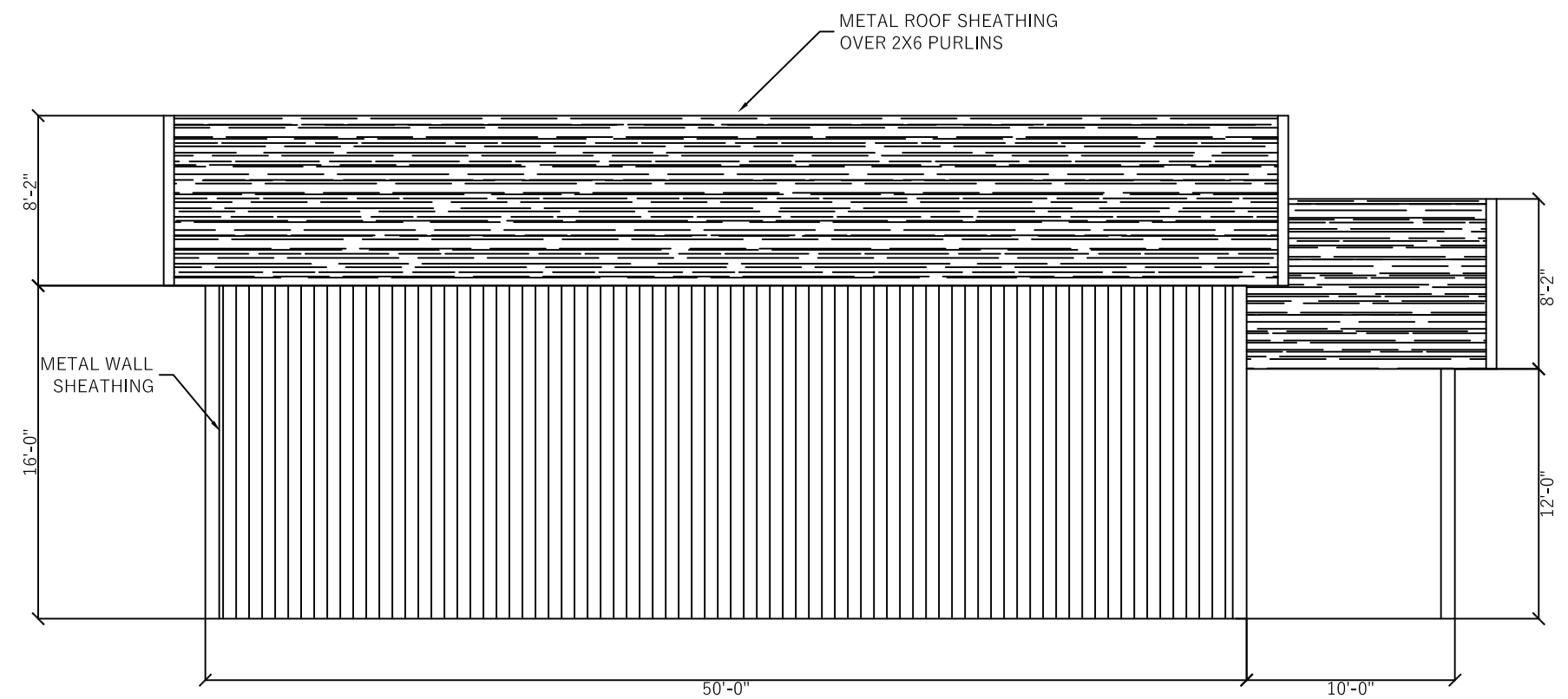
LEFT ELEVATION

SCALE: 1/8" : 1'



REAR ELEVATION

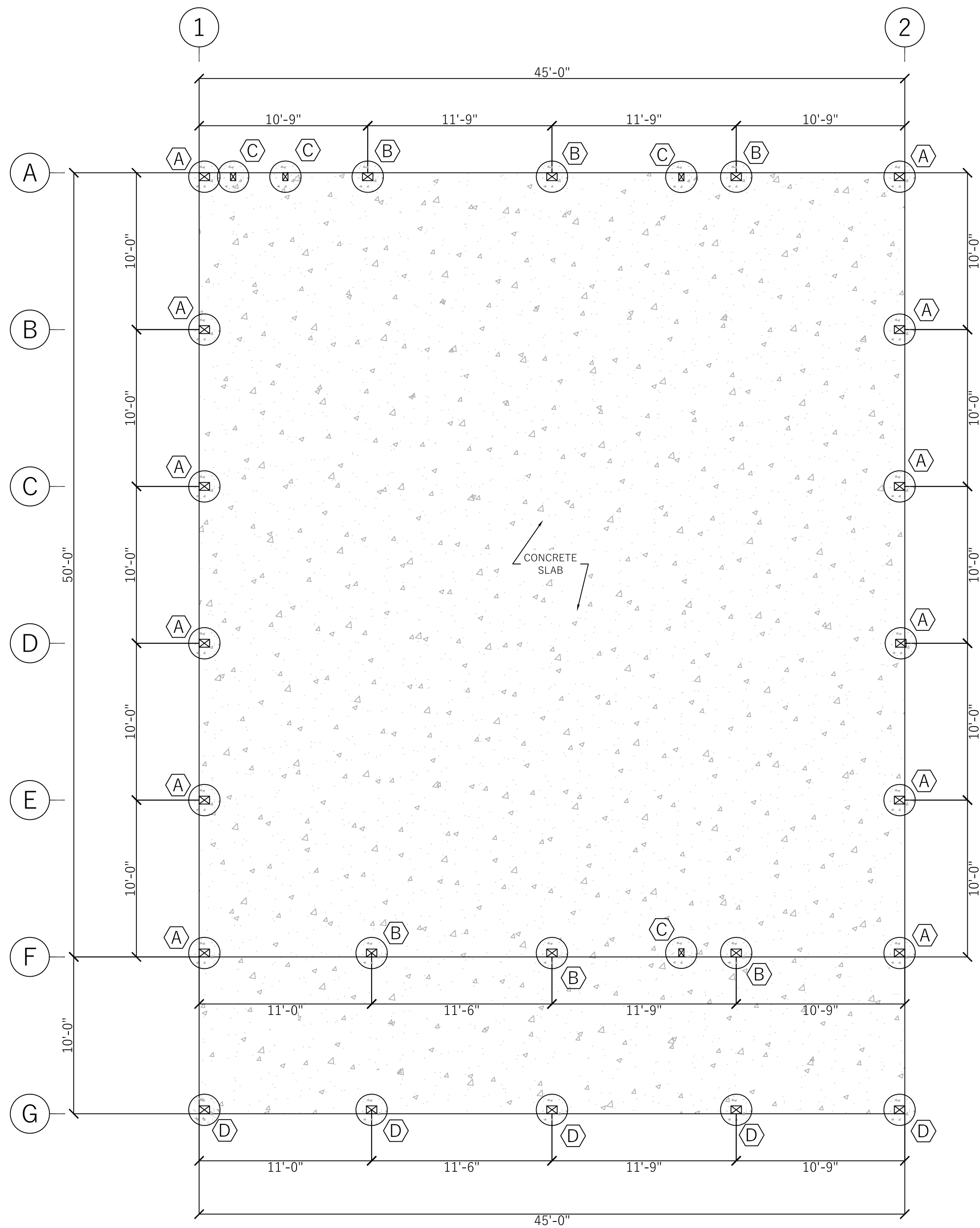
SCALE: 1/8" : 1'



RIGHT ELEVATION

SCALE: 1/8" : 1'

<p>SEAL BELOW</p> <p>REGISTERED PROFESSIONAL ENGINEER 101930PE OREGON NOVEMBER 12, 2024 SUKHDEEP S. NAGRA EXPIRES: 12-31-2026 SIGNED: - 11/20/2025</p> <p>THE ENGINEERING SEAL COVERS STRUCTURAL DESIGN ELEMENTS PRESENTED IN THIS SET OF PLANS. IT DOES NOT PROVIDE ANY ARCHITECTURAL, SITE, ZONING, HVAC, ELEC, MECH DESIGN OR REQUIREMENTS. THESE ITEMS MUST BE ADDRESSED BY THEIR RESPECTIVE PROFESSIONALS IN CHARGE.</p>	<p>TITLE SHEET</p> <p>ELEVATION VIEWS</p>		<p>OWNER</p> <p>RICHARD ATWOOD</p>	<p>LOCATION</p> <p>800 S SPRINGBROOK RD NEWBERG OR 97132</p>
	<p>DATE</p> <p>NOV 2025</p>	<p>NUMBER SHEET</p> <p>S-2</p>		



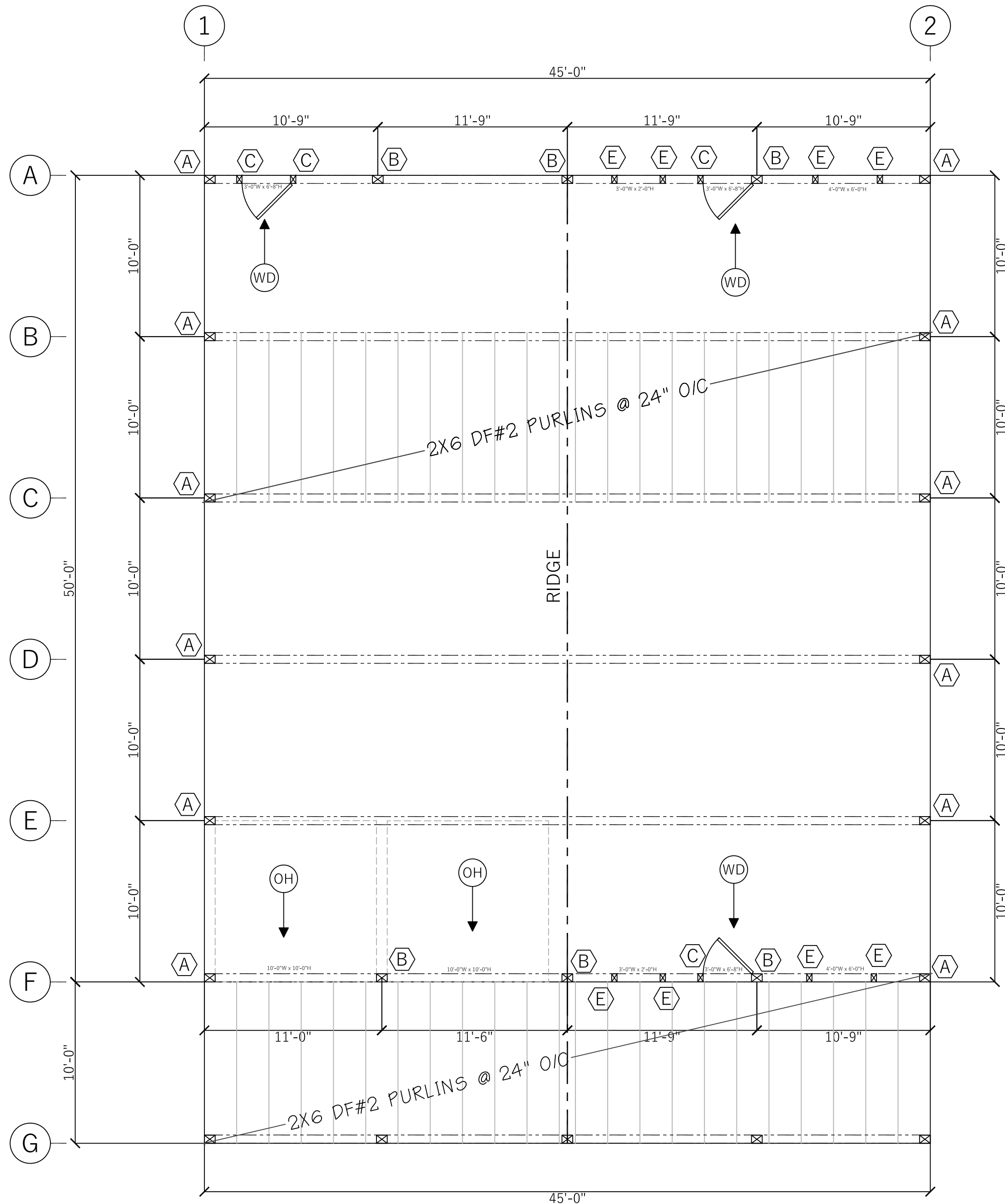
GENERAL NOTES:

1. ALL POSTS TO BE HF#2 PRESSURE TREATED FOR BURIAL AND ORIENTED AS SHOWN UNLESS OTHERWISE NOTED
2. UNLESS OTHERWISE DIMENSIONED, ALL WINDOWS AND WALK DOORS MAY BE LOCATED BY THE OWNER/CONTRACTOR IN THE WALLS SHOWN
3. EMBED POSTS AND BACKFILL PER DWG S5
4. CONTRACTOR TO VERIFY OVERHEAD DOOR DIMENSIONS AND CLEARANCES PRIOR TO BUILDING CONSTRUCTION AND OVERHEAD DOOR INSTALLATION

POST	SIZE	HOLE DIMENSIONS		BACKFILL	NOTES
		DIAMETER	DEPTH		
A	6X8 HF#2	24" \varnothing	5'-10"	CONCRETE	-
B	6X8 HF#2	24" \varnothing	5'-10"	CONCRETE	-
C	4X6 HF#2	24" \varnothing	3'-0"	CONCRETE	INSTALL PER CONSTRUCTION NOTES
D	6X8 HF#2	24" \varnothing	4'-9"	CONCRETE	-
E	4X6 HF#2	-	-	CONCRETE	INSTALL PER CONSTRUCTION NOTES

FOUNDATION PLAN
SCALE: 3/16" : 1'

	TITLE SHEET		OWNER	LOCATION	
	FOUNDATION PLAN				DATE
		NOV 2025	S-3	RICHARD ATWOOD	800 S SPRINGBROOK RD NEWBERG OR 97132
<small>THE ENGINEERING SEAL COVERS STRUCTURAL DESIGN ELEMENTS PRESENTED IN THIS SET OF PLANS. IT DOES NOT PROVIDE ANY ARCHITECTURAL, SITE, ZONING, HVAC, ELEC, MECH DESIGN OR REQUIREMENTS. THESE ITEMS MUST BE ADDRESSED BY THEIR RESPECTIVE PROFESSIONALS IN CHARGE.</small>					



PLAN VIEW
SCALE: 3/16" : 1'

LEGEND

(WD) WALK-IN DOORS (REF. DOOR MFG)

(OH) OVERHEAD DOOR

NOTE: ANY DOOR OR WINDOW DESIGN INFORMATION IS NOT COVERED IN THIS PLAN SET AND SHALL BE ADDRESSED BY OTHERS.

GENERAL NOTES:

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2. UNLESS OTHERWISE DIMENSIONED, ALL WINDOWS AND WALK DOORS MAY BE LOCATED BY THE OWNER/CONTRACTOR IN THE WALLS SHOWN
3. EMBED POSTS AND BACKFILL PER DWG S5
4. CONTRACTOR TO VERIFY OVERHEAD DOOR DIMENSIONS AND CLEARANCES PRIOR TO BUILDING CONSTRUCTION AND OVERHEAD DOOR INSTALLATION

POST	SIZE	HOLE DIMENSIONS		BACKFILL	NOTES
		DIAMETER	DEPTH		
(A)	6X8 HF#2	24" Ø	5'-10"	CONCRETE	-
(B)	6X8 HF#2	24" Ø	5'-10"	CONCRETE	-
(C)	4X6 HF#2	24" Ø	3'-0"	CONCRETE	INSTALL PER CONSTRUCTION NOTES
(D)	6X8 HF#2	24" Ø	4'-9"	CONCRETE	-
(E)	4X6 HF#2	-	-	CONCRETE	INSTALL PER CONSTRUCTION NOTES

SEAL BELOW

SIGNED: - 11/20/2025

THE ENGINEERING SEAL COVERS STRUCTURAL DESIGN ELEMENTS PRESENTED IN THIS SET OF PLANS. IT DOES NOT PROVIDE ANY ARCHITECTURAL, SITE, ZONING, HVAC, ELEC, MECH DESIGN OR REQUIREMENTS. THESE ITEMS MUST BE ADDRESSED BY THEIR RESPECTIVE PROFESSIONALS IN CHARGE.

TITLE SHEET

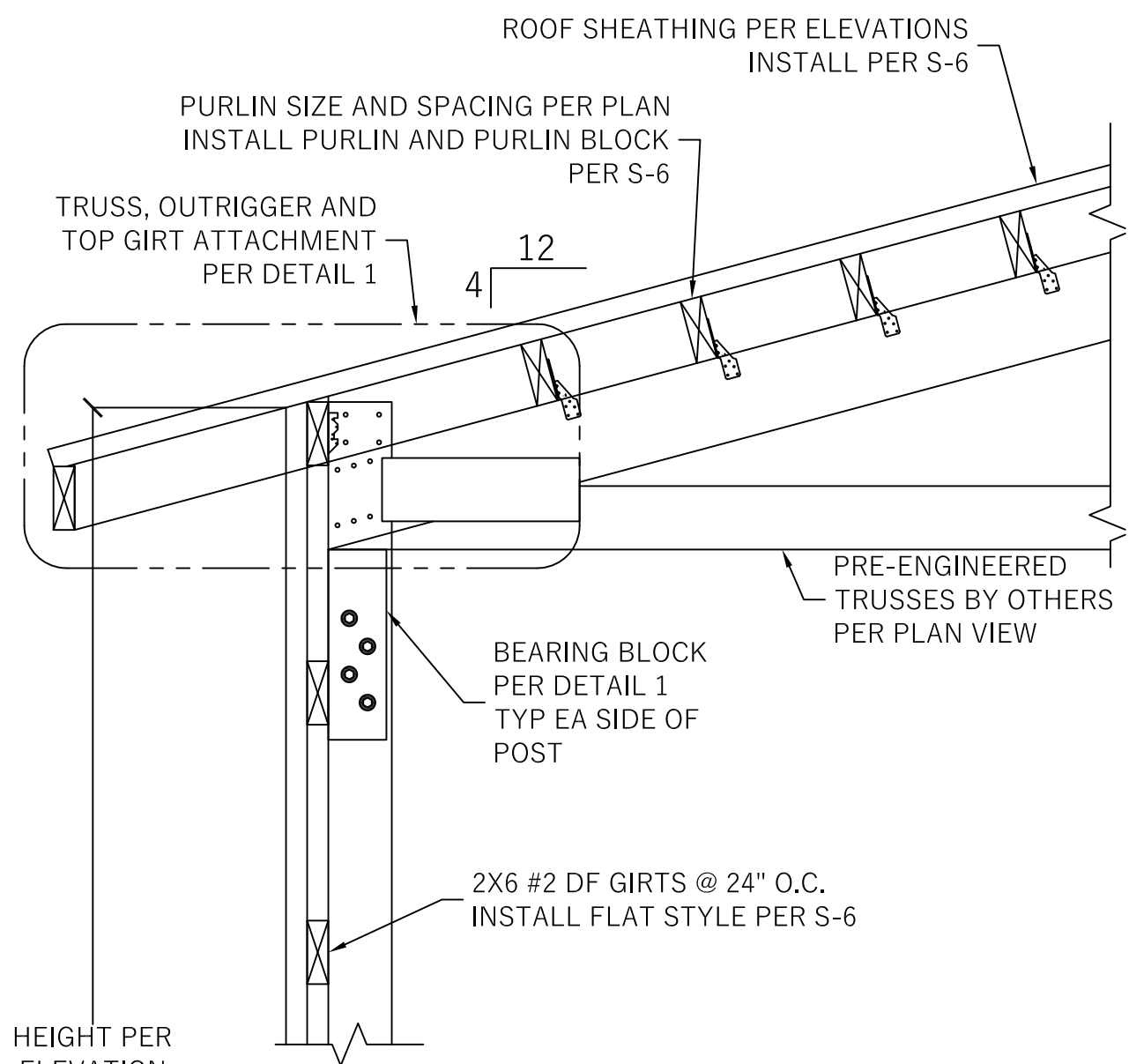
ROOF FRAMING PLAN

DATE: NOV 2025

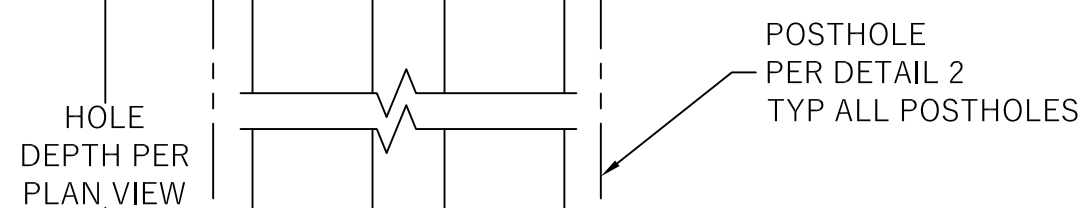
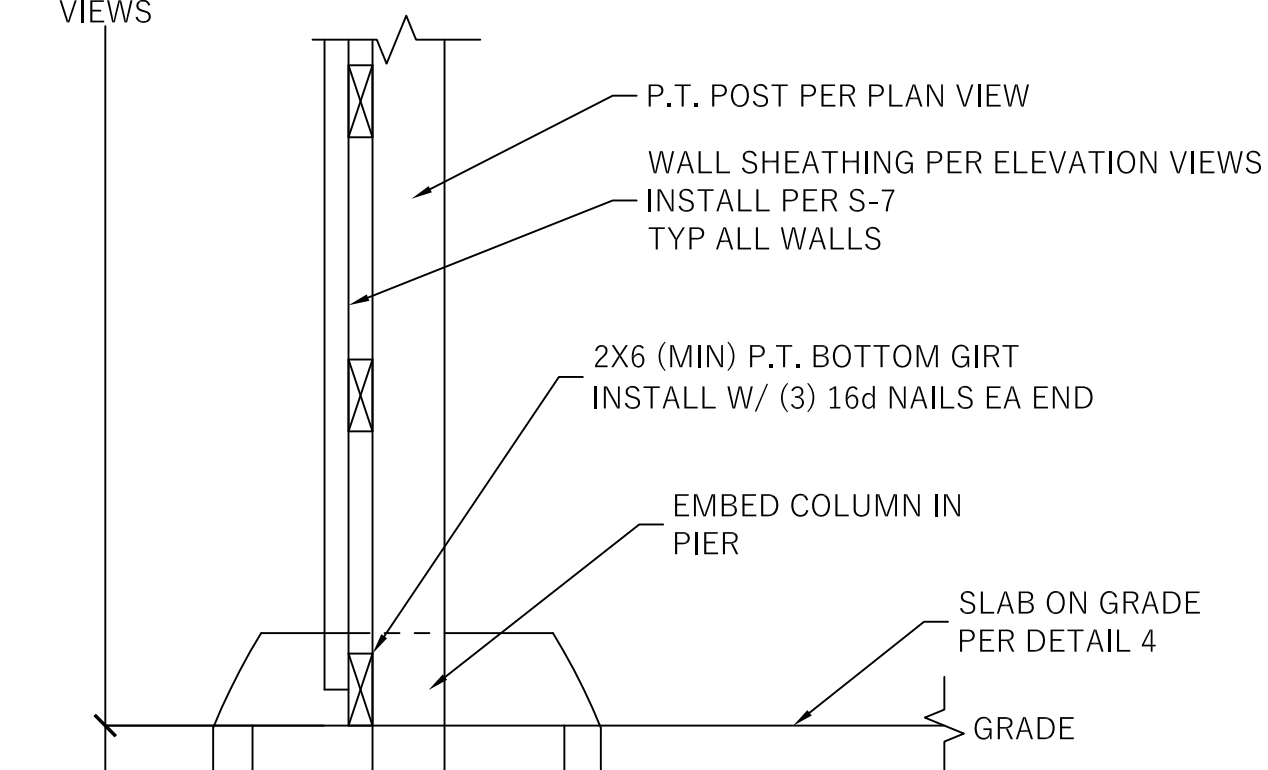
NUMBER SHEET: S-4

OWNER: RICHARD ATWOOD

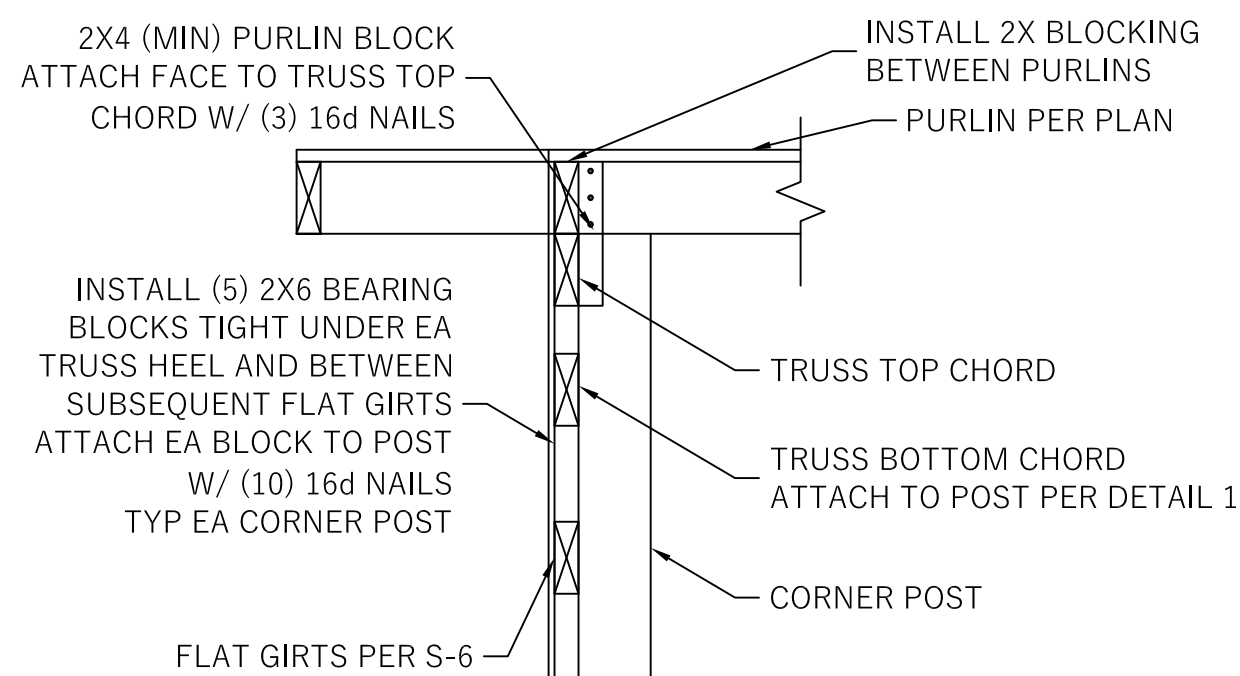
LOCATION: 800 S SPRINGBROOK RD
NEWBERG OR 97132



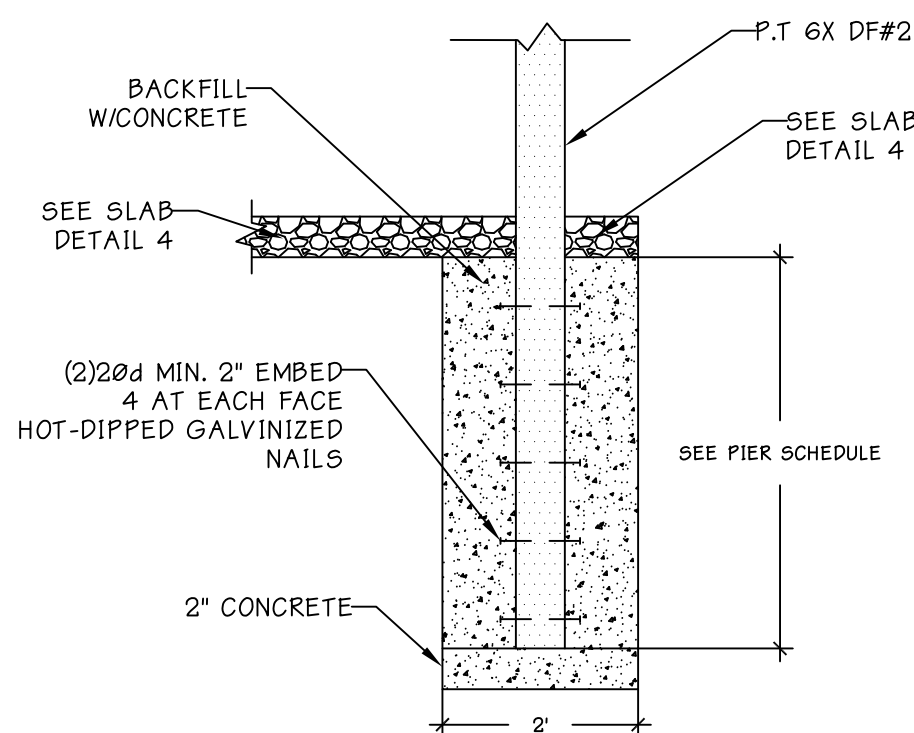
HEIGHT PER ELEVATION VIEWS



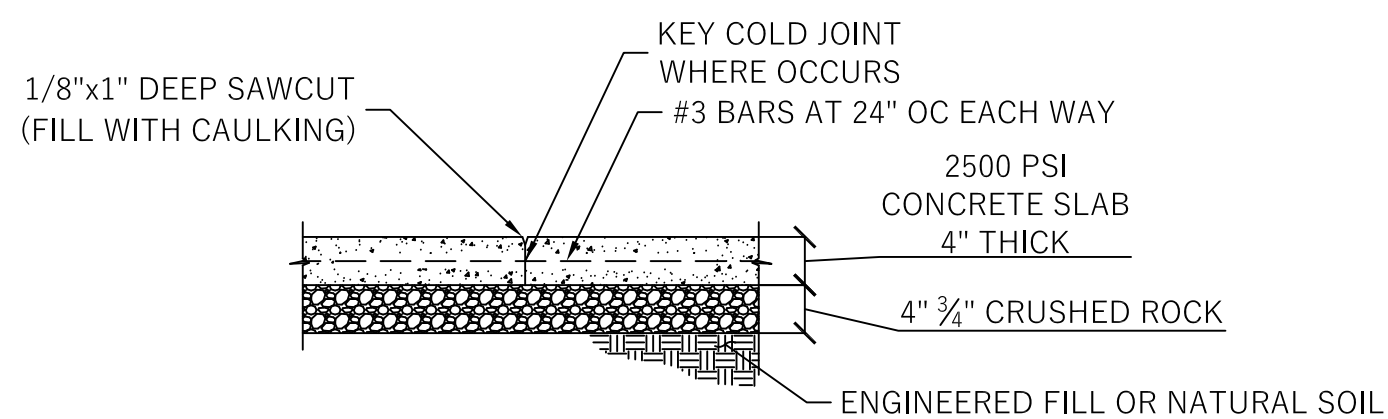
SECTION A
POST SECTION
SCALE: NTS



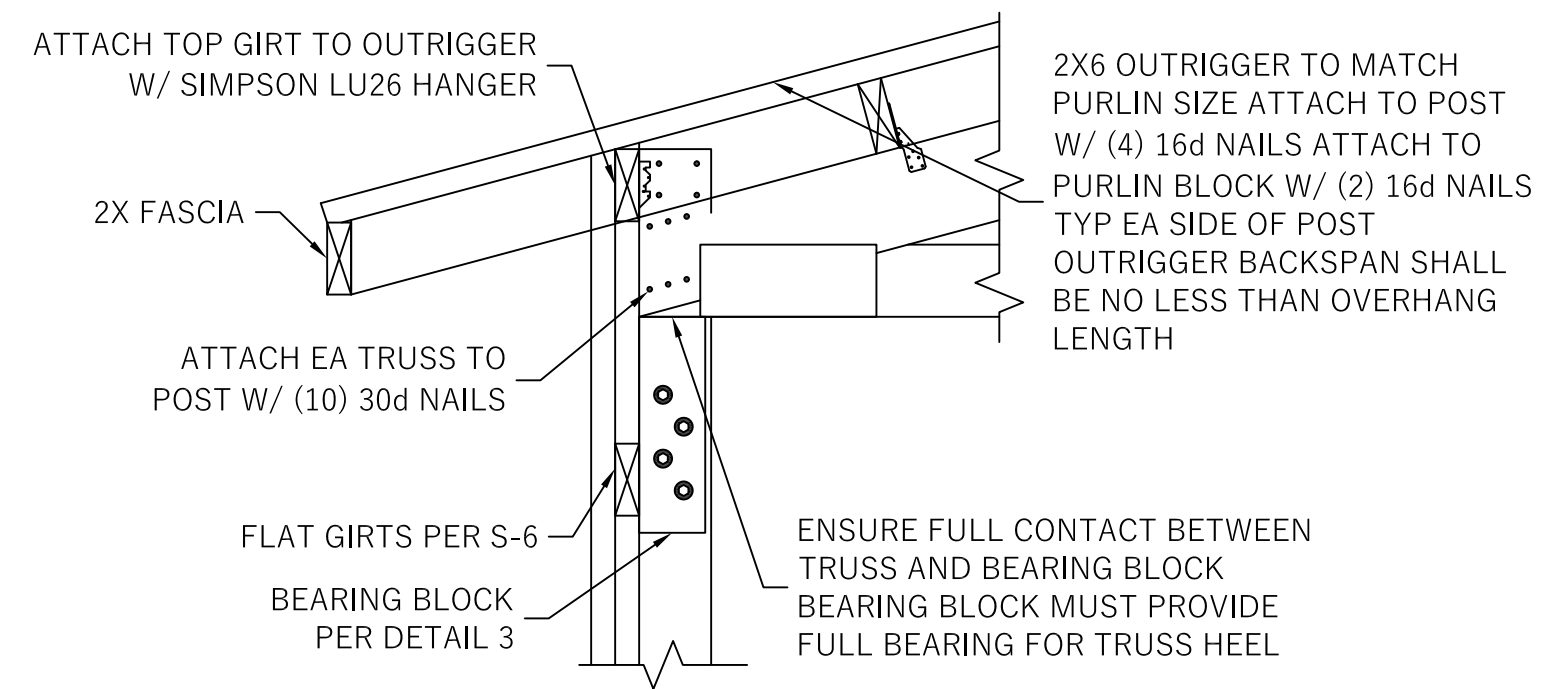
SECTION B
GABLE TRUSS CONNECTION W/FLAT GIRTS
SCALE: NTS



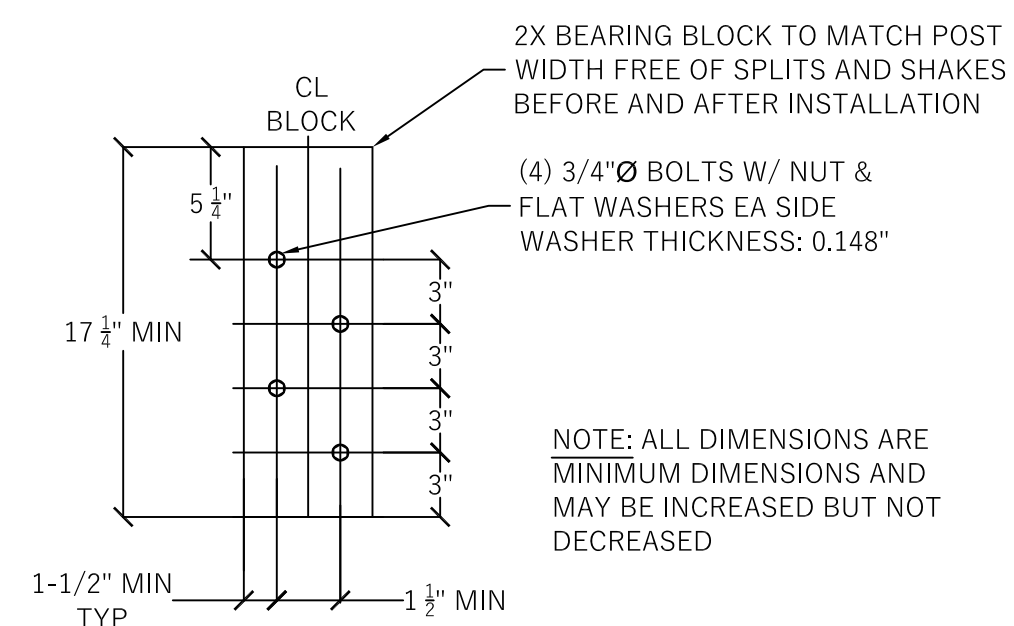
2 POST CONNECTION DETAIL
CONCRETE BACKFILL
SCALE: NTS



4 SLAB ON GRADE
SCALE: NTS

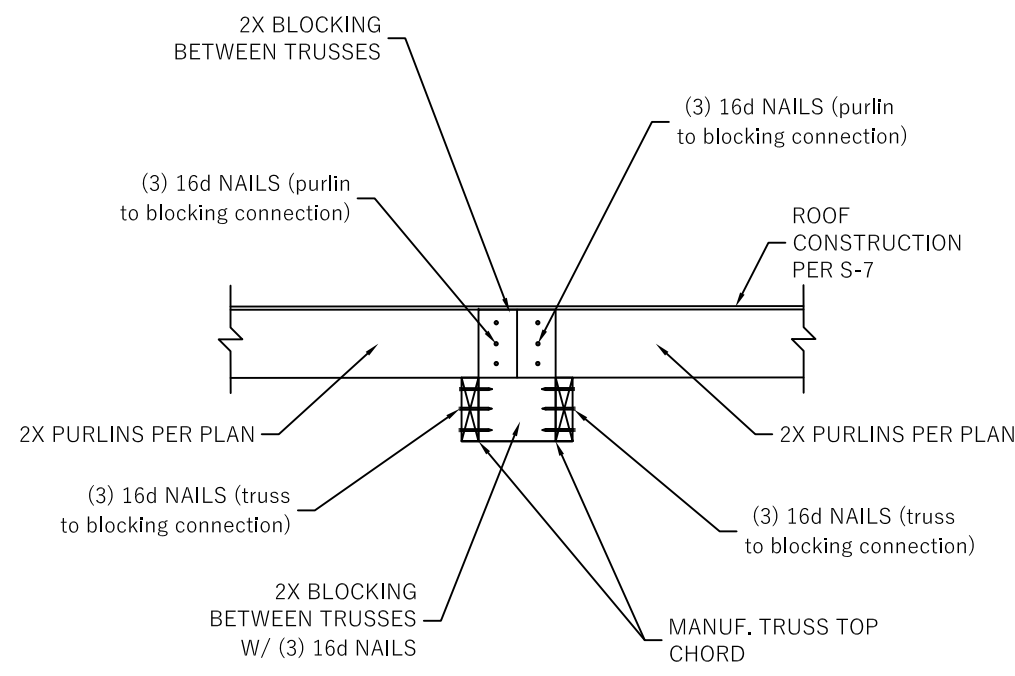


1 TRUSS ATTACHMENT WITH FLAT GIRTS
SCALE: NTS

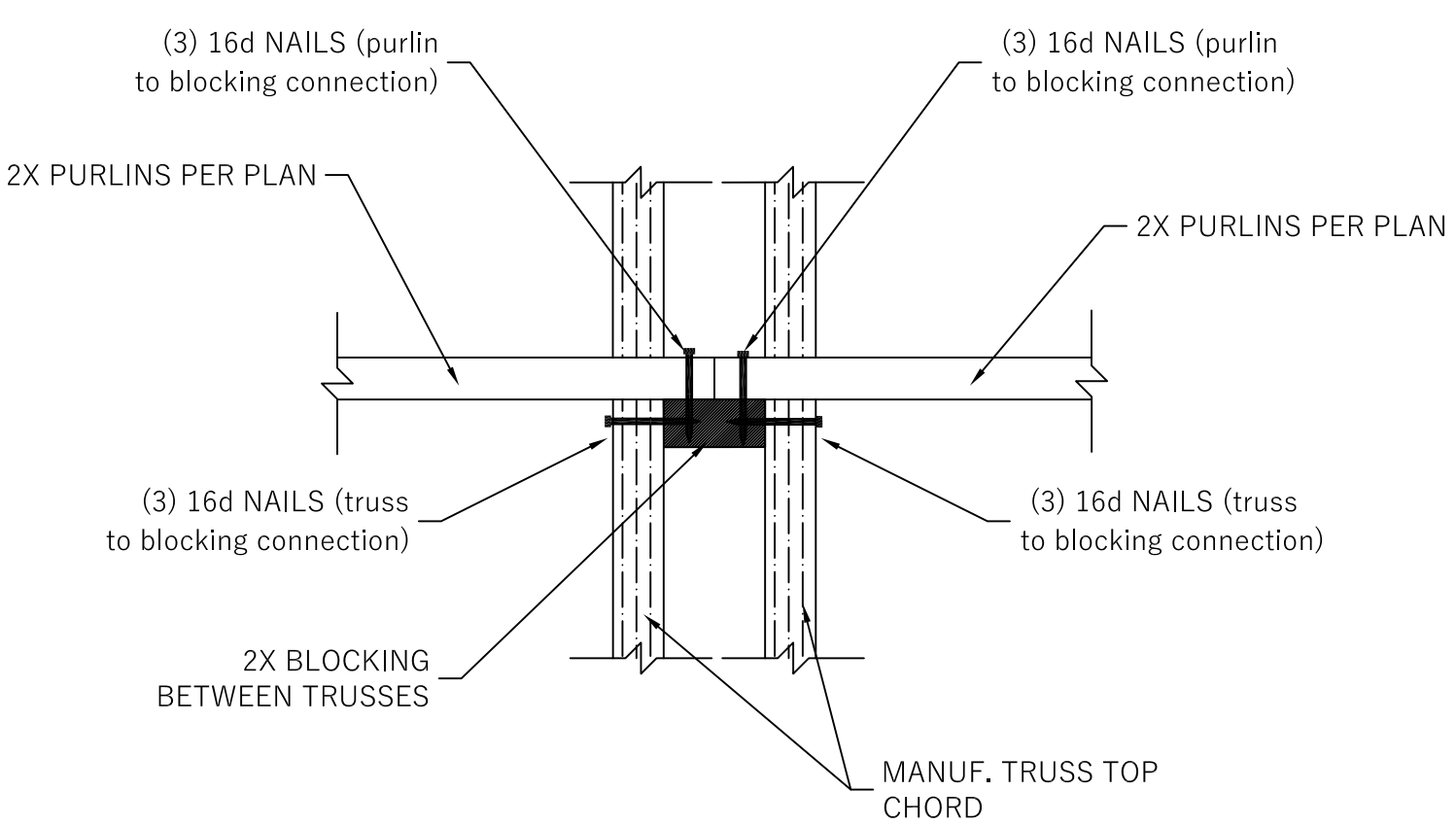
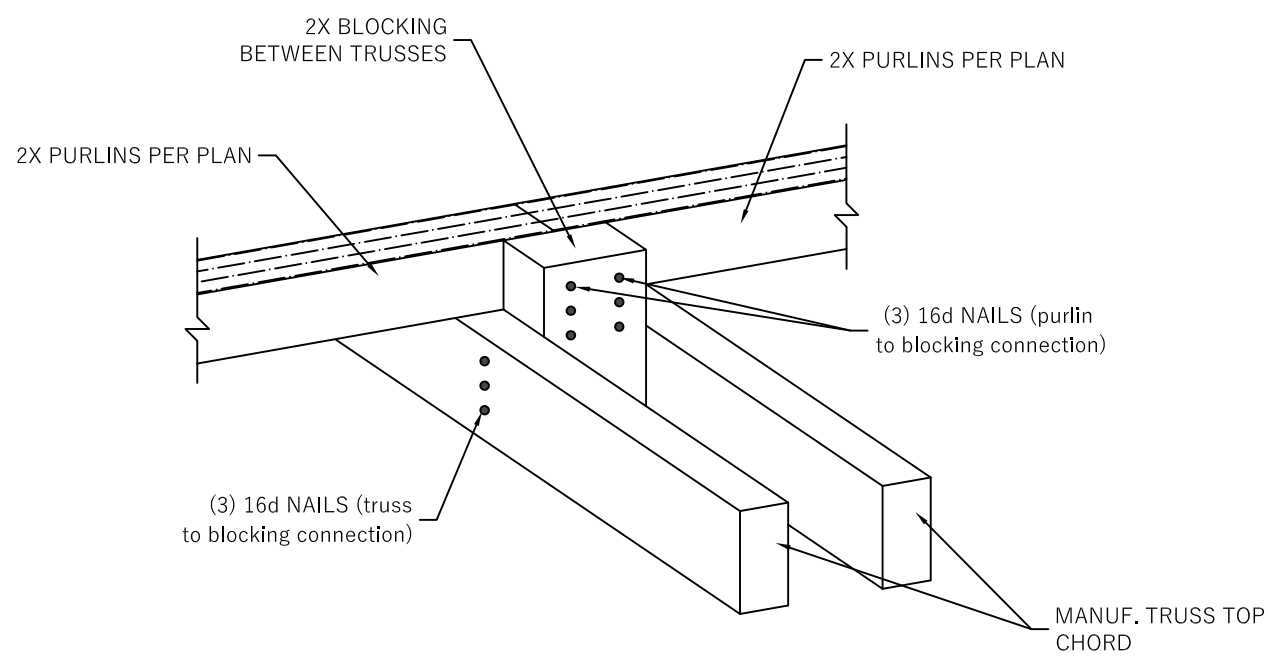


3 BEARING BLOCK DIMENSIONS & BOLT SPACING
SCALE: NTS

	TITLE SHEET		OWNER	LOCATION
	DETAILS		RICHARD ATWOOD	800 S SPRINGBROOK RD NEWBERG OR 97132
DATE		NUMBER SHEET		
NOV 2025		S-5		

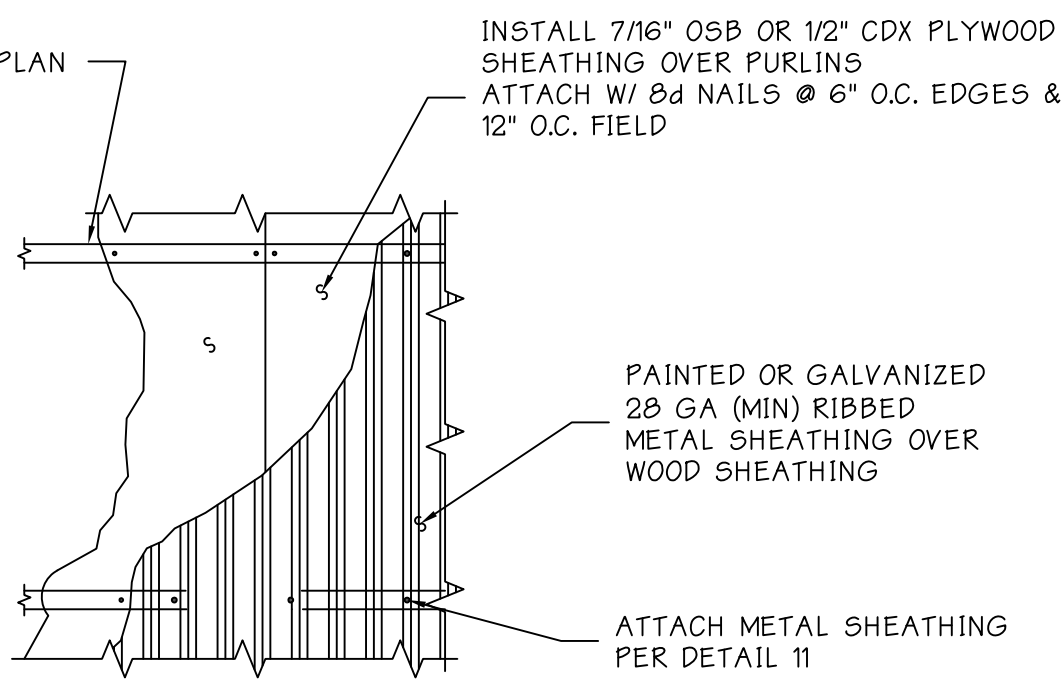


5 PURLIN TO TRUSS TOP CHORD CONNECTION
PURLIN SECTION VIEW
SCALE: NTS

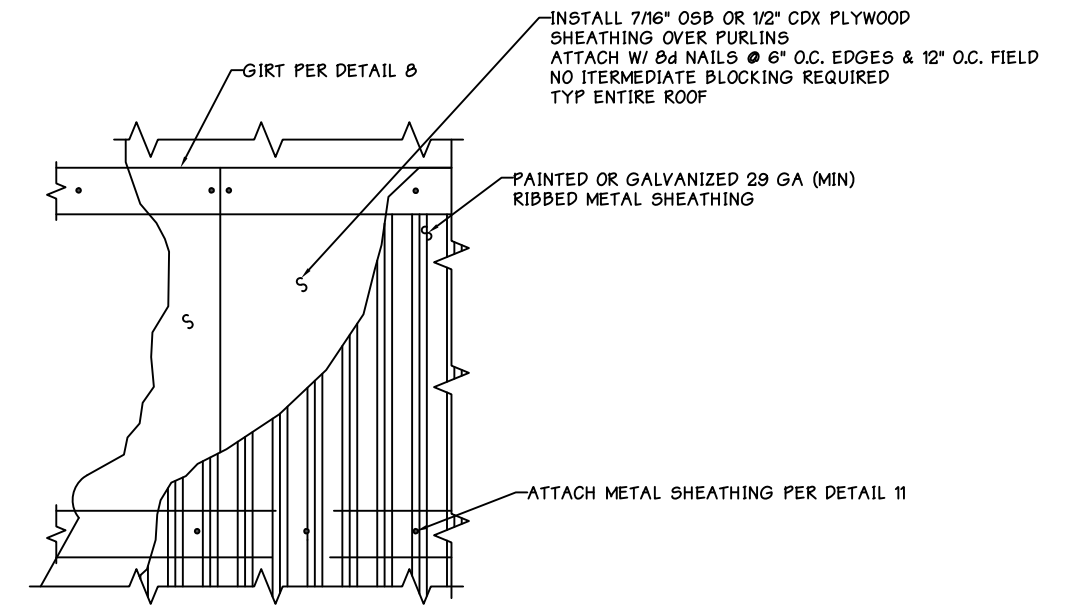


8 FLAT GIRT INSTALATION
SCALE: NTS

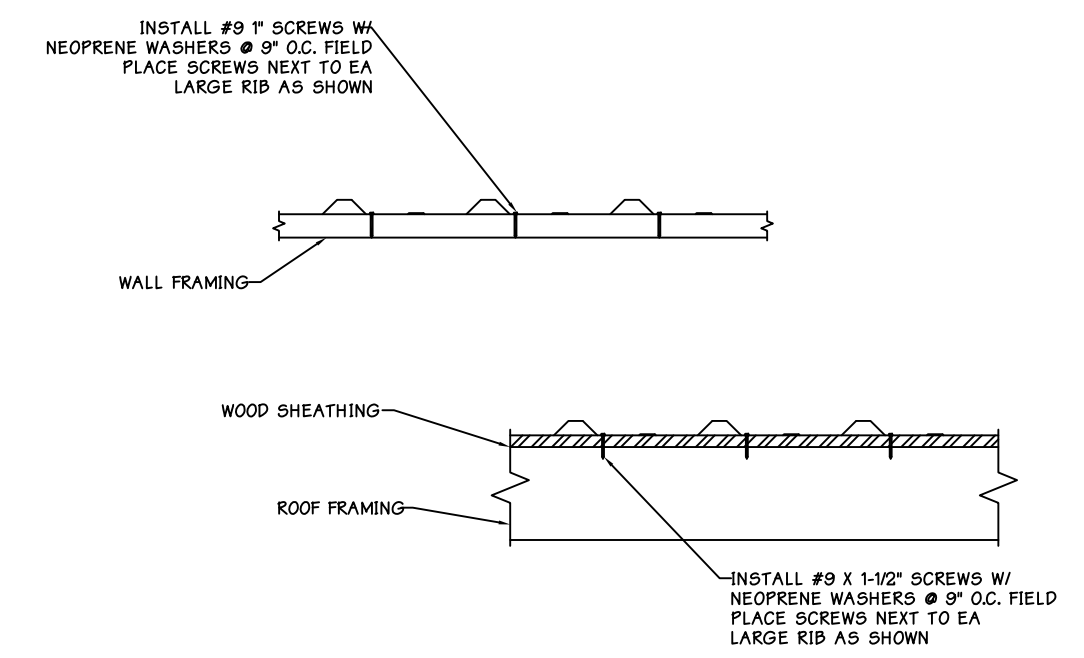
6 PURLIN TO TRUSS TOP CHORD CONNECTION
TRUSS SECTION VIEW
SCALE: NTS



9 ROOF SHEATHING
SCALE: NTS



10 WALL SHEATHING
SCALE: NTS



11 METAL SHEATHING ATTACHMENT
STANDARD SCREW SCHEDULE
SCALE: NTS

GENERAL NOTES:

1. ALL NAILS INTO PRESSURE TREATED LUMBER SHALL BE HOT-DIPPED GALVANIZED
2. IF PURLIN DEPTH EXCEEDS TRUSS TOP CHORD DEPTH, USE SIMPSON JB TOP FLANGE HANGER OR EQUAL

SEAL BELOW SIGNED: - 11/20/2025	TITLE SHEET		OWNER	LOCATION
	DETAILS			
	NOV 2025		S-6	
		RICHARD ATWOOD 800 S SPRINGBROOK RD NEWBERG OR 97132		