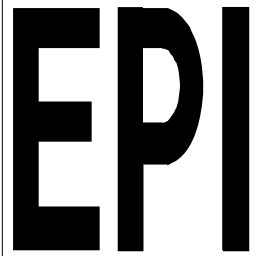


OVERALL REVISION DATE  
January 16, 2026



REVISIONS:	DATE	DESCRIPTION



ENGINEERED PERMITS, INC.  
311 SOUTH WOODLAND BLVD.  
SUITE 4  
DELAND, FL 32720  
PHONE: 386-734-0800  
FAX: 386-734-8226  
CERT. NO. 26298  
EMAIL: epi@epieng.net

PROJECT: BACKWOOD BARNS LLC  
SHEET TITLE: STEEL BAR JOIST OPEN BUILDING (WOOD PURLIN)

PERMITTING

PLANNING

ENGINEERING

DATE: 6/12/2026

STATE OF FLORIDA

PROFESSIONAL ENGINEER

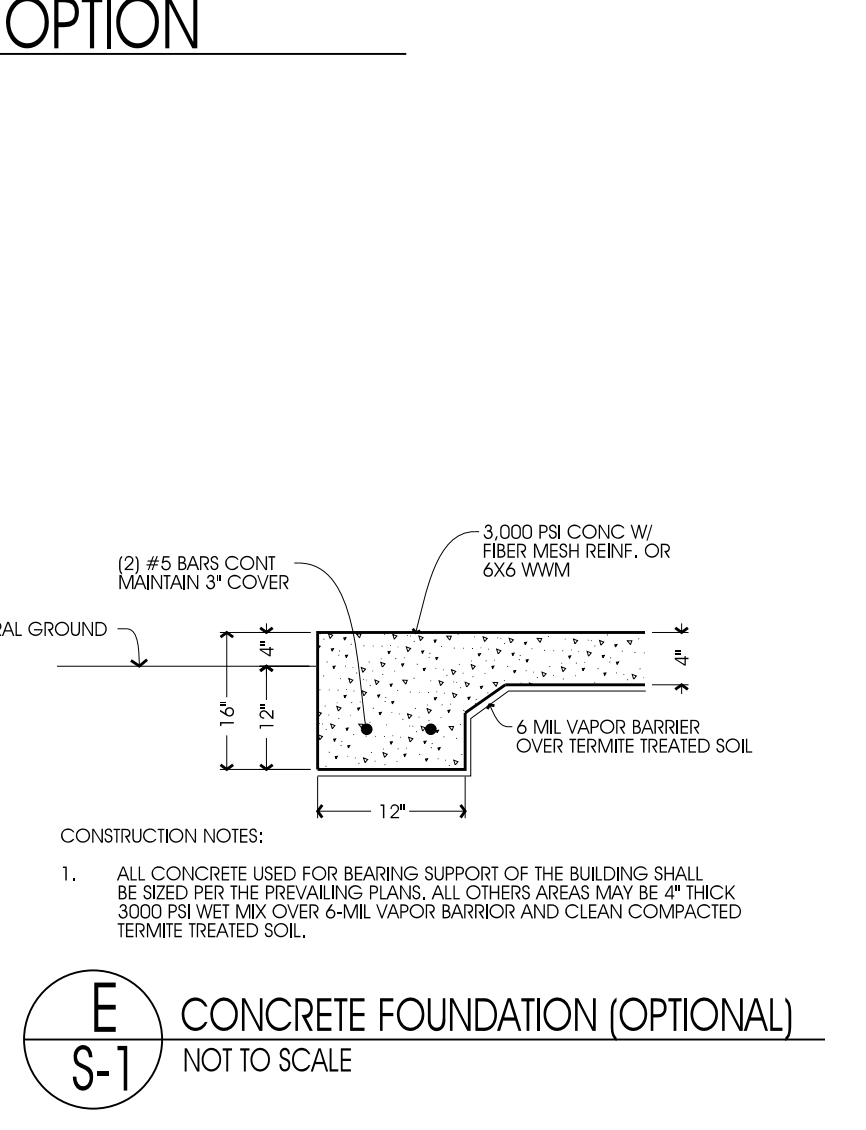
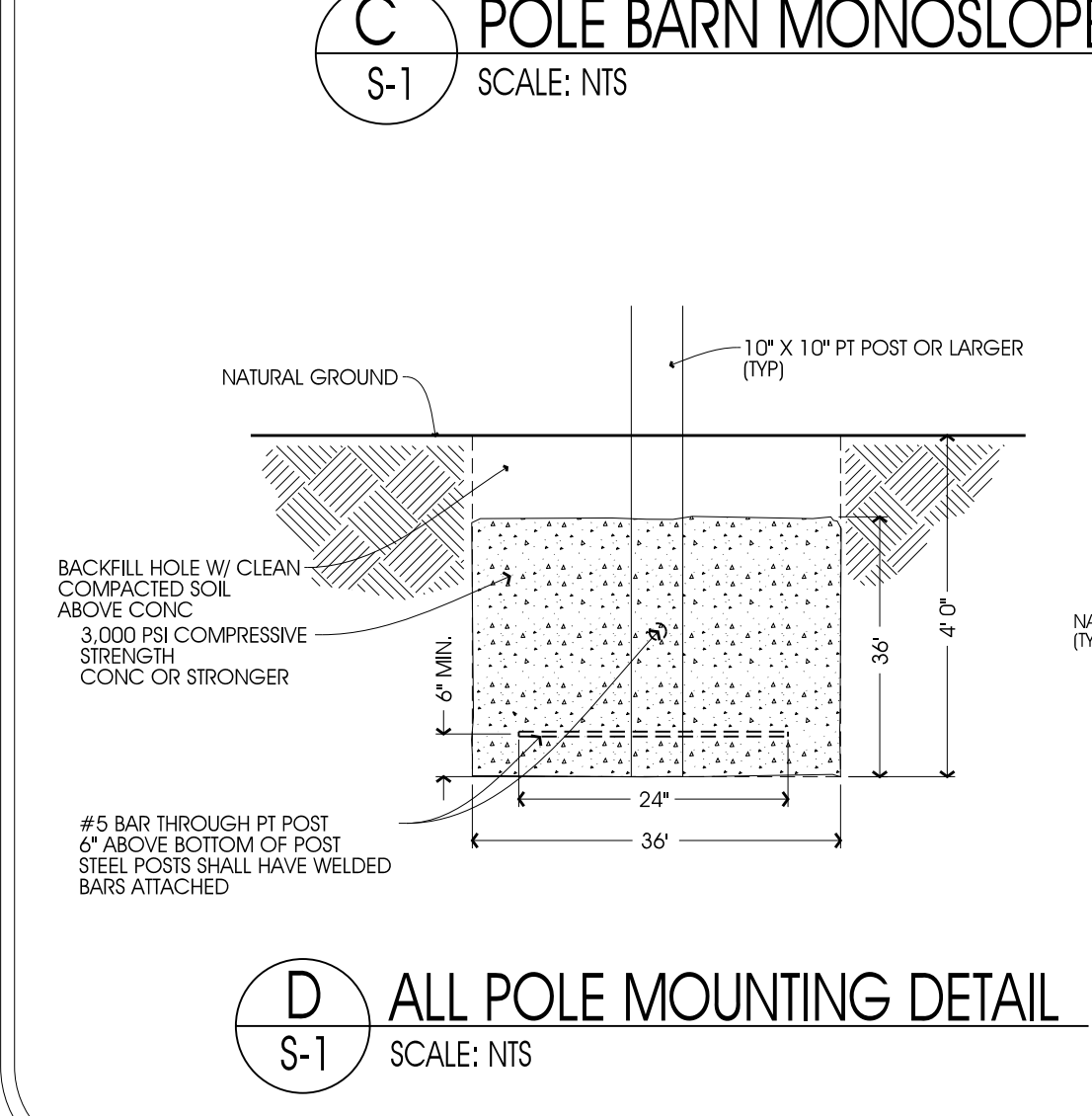
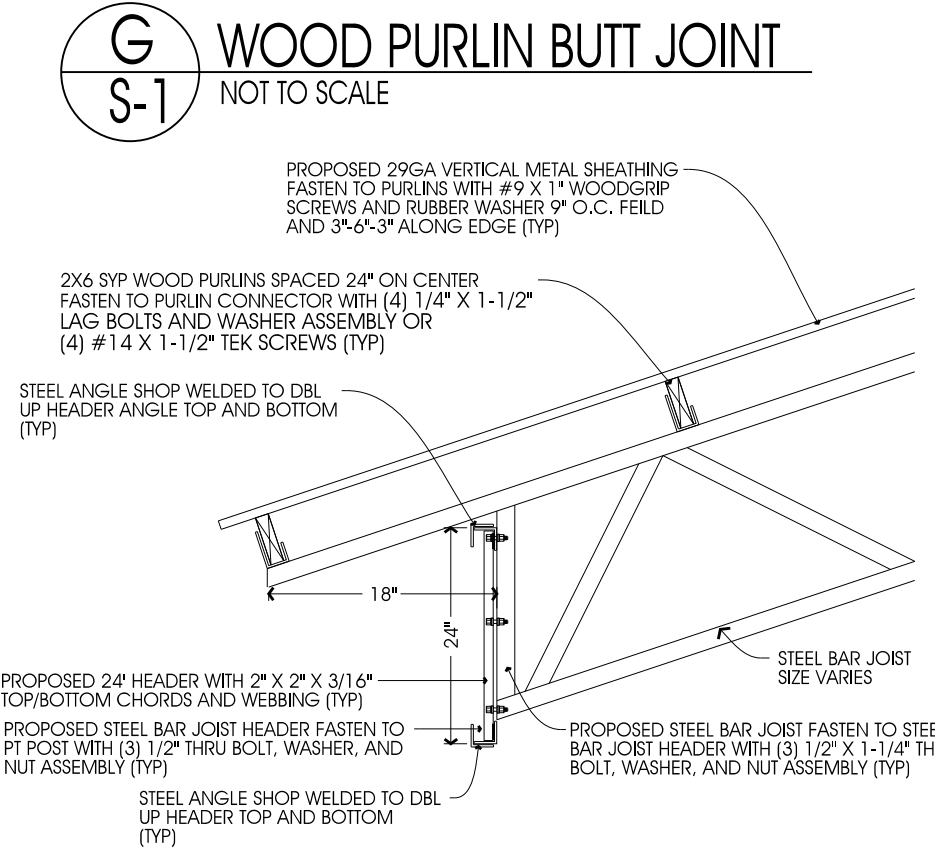
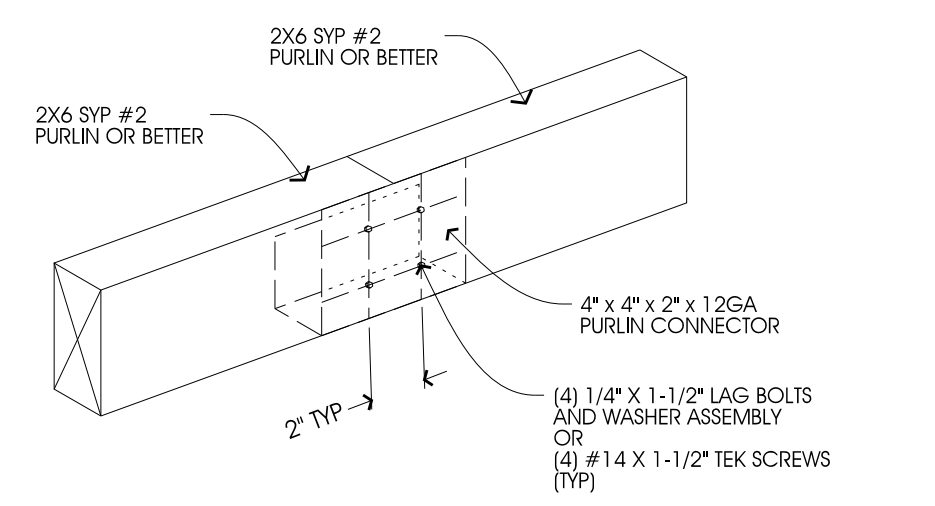
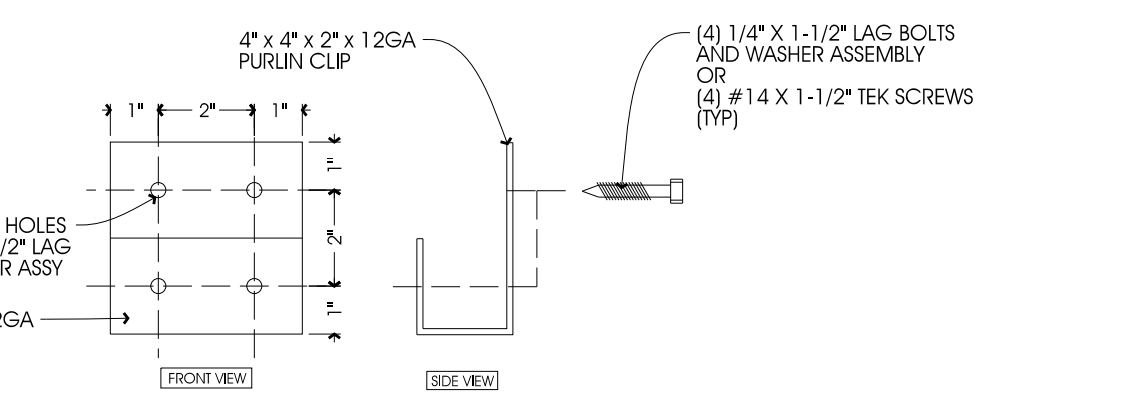
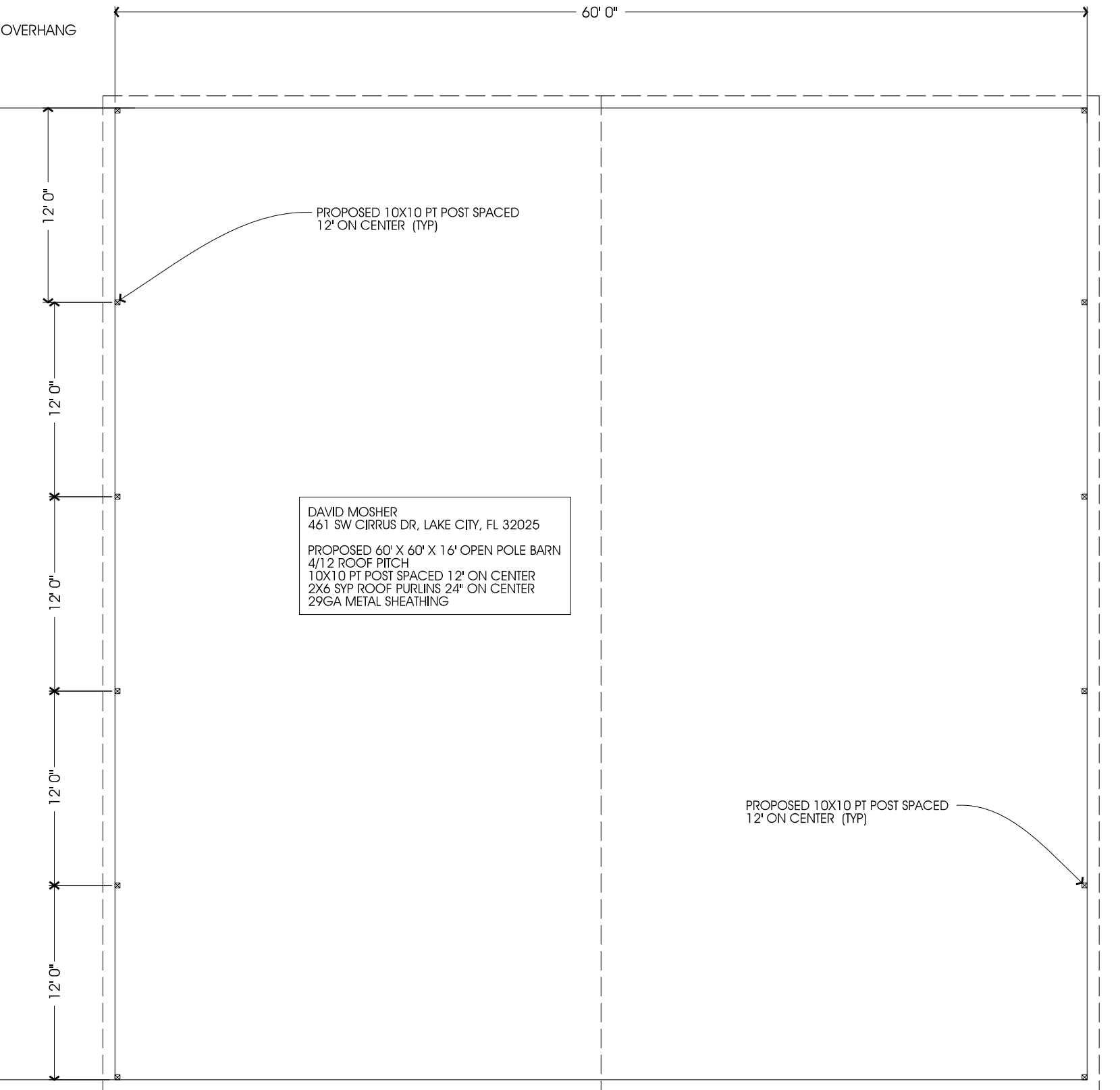
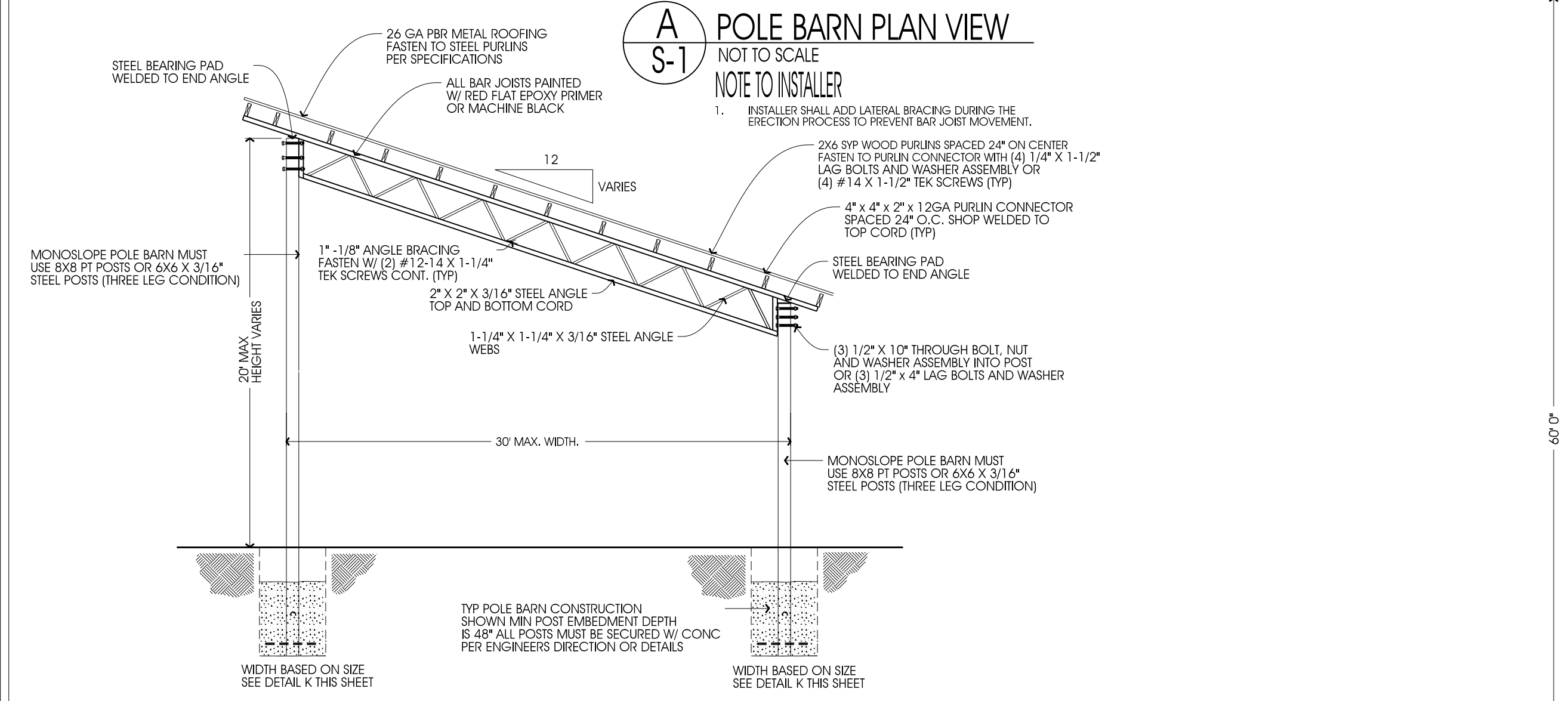
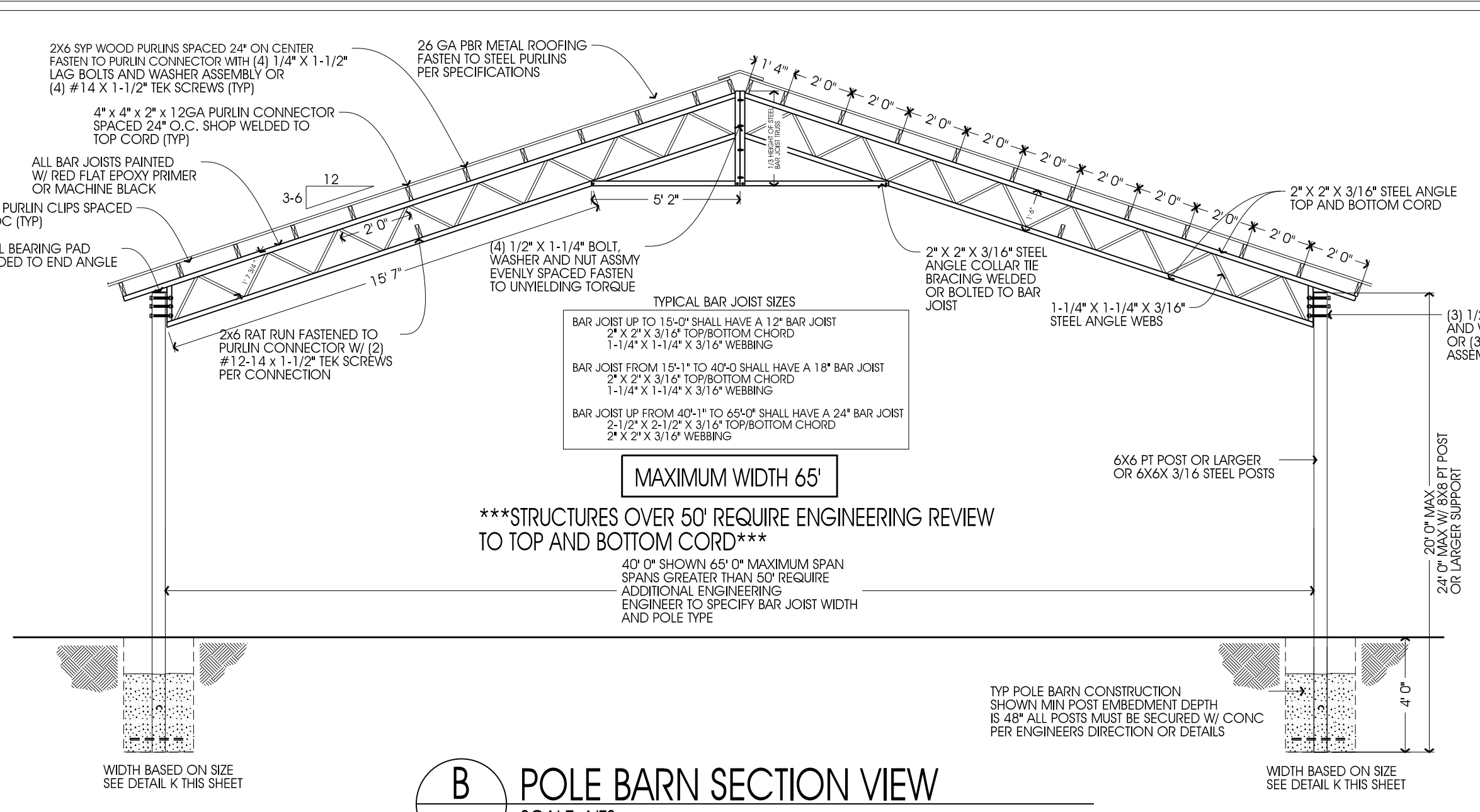
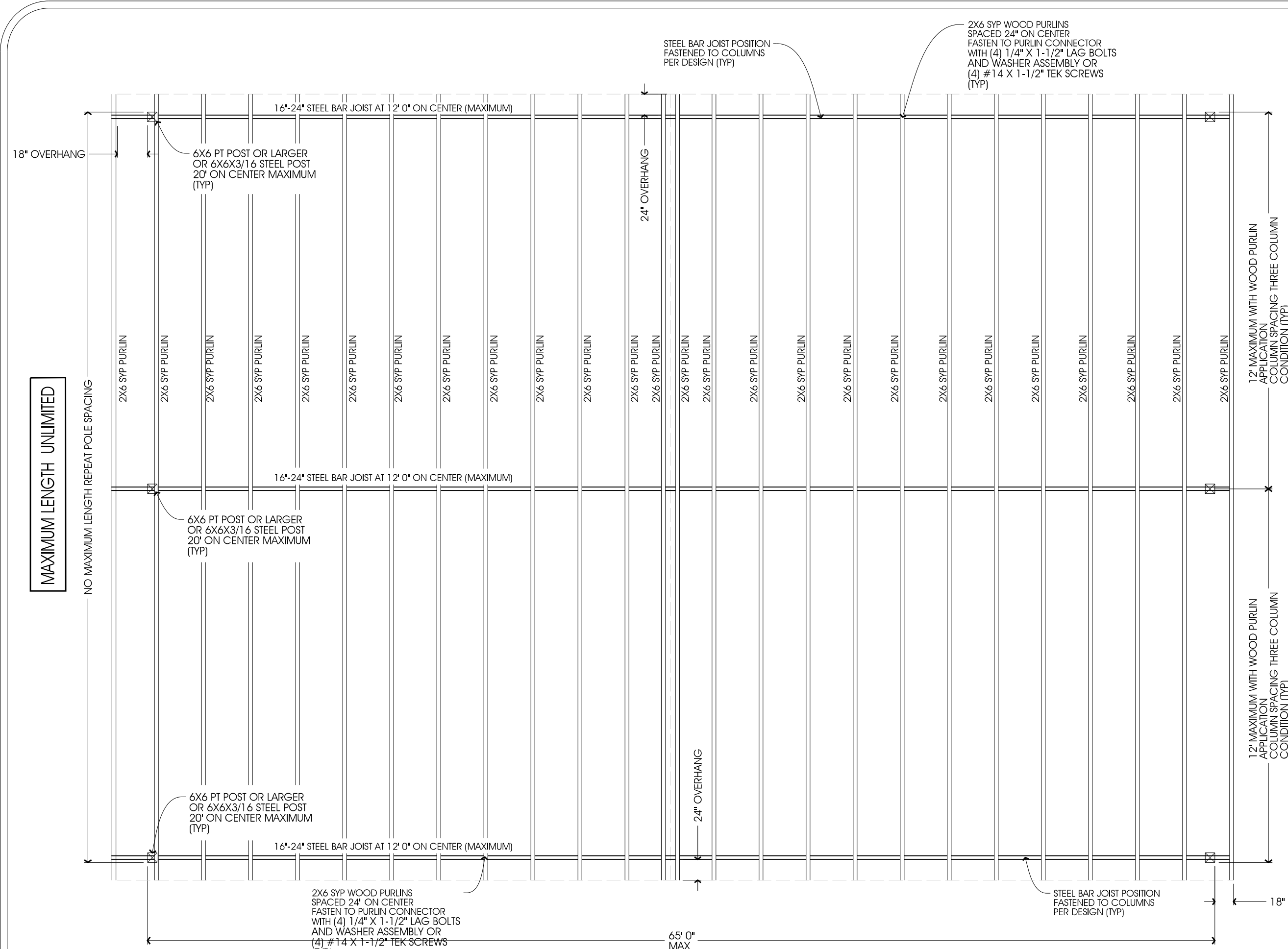
MICHAEL J. WOLTUNJAK, P.E.

6-12-2026

DATE: 6/12/2026

SHEET NO. S-1

DATE: 6/12/2026

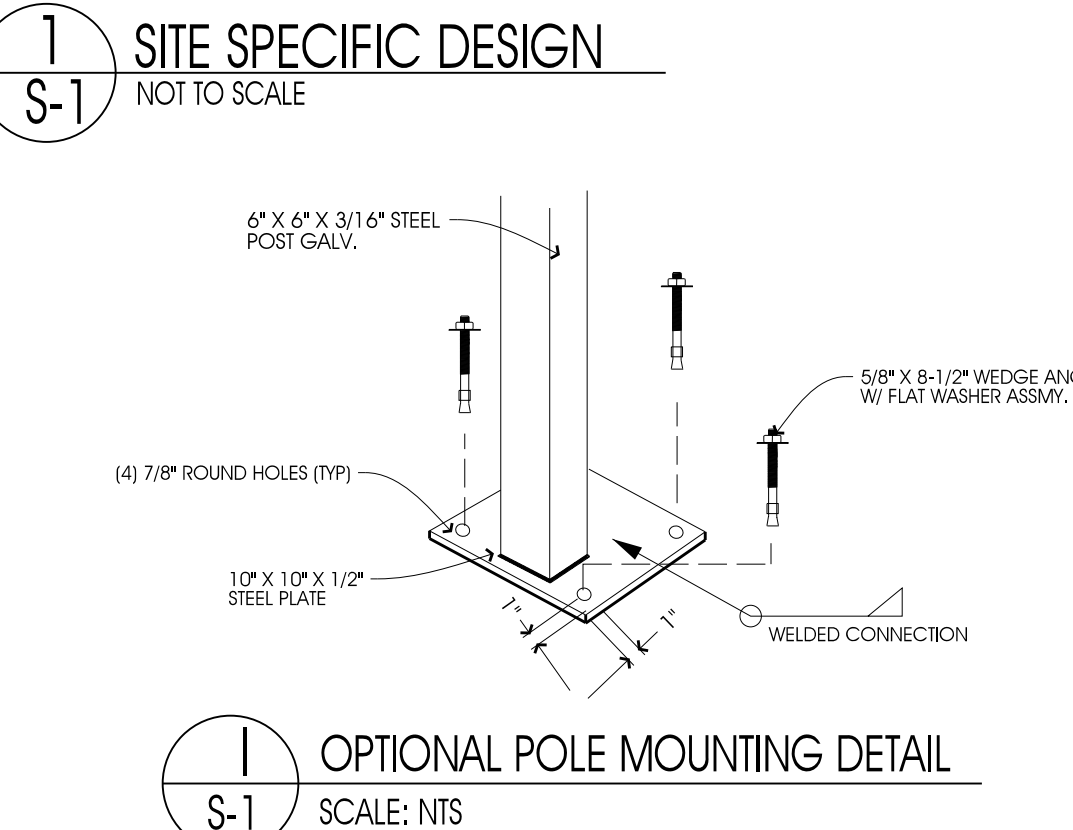


**ENGINEERS NOTE ON FLORIDA BUILDING CODE COMPLIANCE:**

THIS PLAN HAS BEEN ENGINEERED FOR A RISK CATEGORY II BUILDING WITHOUT A SITE PLAN/SURVEY. THIS BUILDING IS FOR AGRICULTURAL USE AND HAS NOT BEEN ENGINEERED FOR A RESIDENCE.

- STRUCTURES USED AS CATEGORY II STRUCTURES (SINGLE FAMILY RESIDENCE OR OCCUPIED STRUCTURES) REQUIRE ADDITIONAL CODE COMPLIANCE BY A LICENSED DESIGN PROFESSIONAL.
- THE SUBSEQUENT DESIGN PROFESSIONAL IS RESPONSIBLE FOR MAKING THE BUILDING COMPLIANT TO THE FLORIDA BUILDING CODE.

a. SPECIAL ATTENTION SHALL BE MADE TO FBC-R 703.2 WATER RESISTIVE BARRIER.



VELOCITY ULTIMATE	ROOF		WALLS	
	3	5	3	5
140 MPH	-17.4	-17.8	-5.3	-1.8
150 MPH	-19.9	-20.3	-6.3	-2.3
160 MPH	-22.7	-23.1	-7.4	-2.8

**GENERAL NOTES**

- ALL CONCRETE WORK SHALL BE 3,000 P.S.I. AT 28 DAYS.
- MINIMUM SOIL BEARING SHALL BE ASSUMED AT 2,000 P.S.F.
- ALL CONSTRUCTION SHALL BE PROVIDED IN ACCORDANCE WITH THE F.A. BLDG. CODE 2023 WITH EDITION, AND ASCE 7-22 WIND CODES FOR AN ULTIMATE WIND SPEED OF 140 MPH AND GREATER.
- ALL DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE F.A. BLDG. CODE 2023 WITH EDITION, AND ASCE 7-22 WIND CODES FOR AN ULTIMATE WIND SPEED OF 140 MPH AND GREATER.
- ALL DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE F.A. BLDG. CODE 2023 WITH EDITION, AND ASCE 7-22 WIND CODES FOR AN ULTIMATE WIND SPEED OF 140 MPH AND GREATER.
- FOR ZONE LOCATIONS SEE ASCE 7-22. THE VALUE OF S SHALL BE A MINIMUM OF 5.0. FOR ZONE LOCATIONS SEE COMPONENTS AND CLADDING LOADING CHARTS THIS SHEET.
- DEAD LOAD = 5 PSF
- WIND LOAD = PER TABLE
- DOOR AND WINDOW DETAILS SEE TABLE THIS SHEET.
- ALL WINDOWS AND MAIN DOORS MAY USE 1 1/4\"/>

**STRUCTURAL NOTES:**

- MATERIALS SHALL CONFORM TO STEEL ASTM 613
- ALL STEEL SHALL BE SO FABRICATION ACCORDANCE WITH CURRENT AISC MANUAL.
- WELDING ELECTRODES TYPE E70XX
- ALL WELDING SHALL BE IN ACCORDANCE WITH CURRENT AISC REQUIREMENTS
- BOLTS SHALL BE ASTM A500 W/ WASHERS AND NUTS (TYP)
- WELD STRENGTH 70 KSI MIN.
- ALL POST SHALL BE PRESSURE TREATED GROUND CONTACT
- PRIMING & PAINTING SHALL BE DONE BY TRUSS MANUFACTURER
- MIN. TRUSS SPACING SHALL NOT EXCEED 12\"/>



**CLIENT INFORMATION:**  
POLE BARN PLAN PREPARED FOR:  
DAVID MOSHER  
461 SW CIRCUS DR. LAKE CITY, FL 32025

PROPOSED 60' X 60' X 16' OPEN PEOPLE BARN  
4/12 ROOF PITCH  
10X10 PT POST SPACED 12' ON CENTER  
2X6 SYP ROOF PURLINS 24' ON CENTER  
29GA METAL SHEATHING

**DESIGN STATEMENT:**  
THESE PLANS WERE DESIGNED FOLLOWING THE 2023 8TH EDITION FLORIDA BUILDING CODE AND ASCE 7-22, INCLUDING CHAPTER 16 ON STRUCTURAL DESIGN. AN ULTIMATE WIND SPEED OF 140 MPH, (3 SECOND GUST) IN WIND EXPOSURE CATEGORY "B". THIS STRUCTURE HAS BEEN DESIGNED AS RISK CATEGORY II.

\*\*\*THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY MICHAEL J. WOLTUNJAK, P.E. ON 6/12/2026 USING A SHA AUTHENTICATION CODE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SHA AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPIES. UNLESS THE RAISED SEAL HAS BEEN UTILIZED.\*\*\*