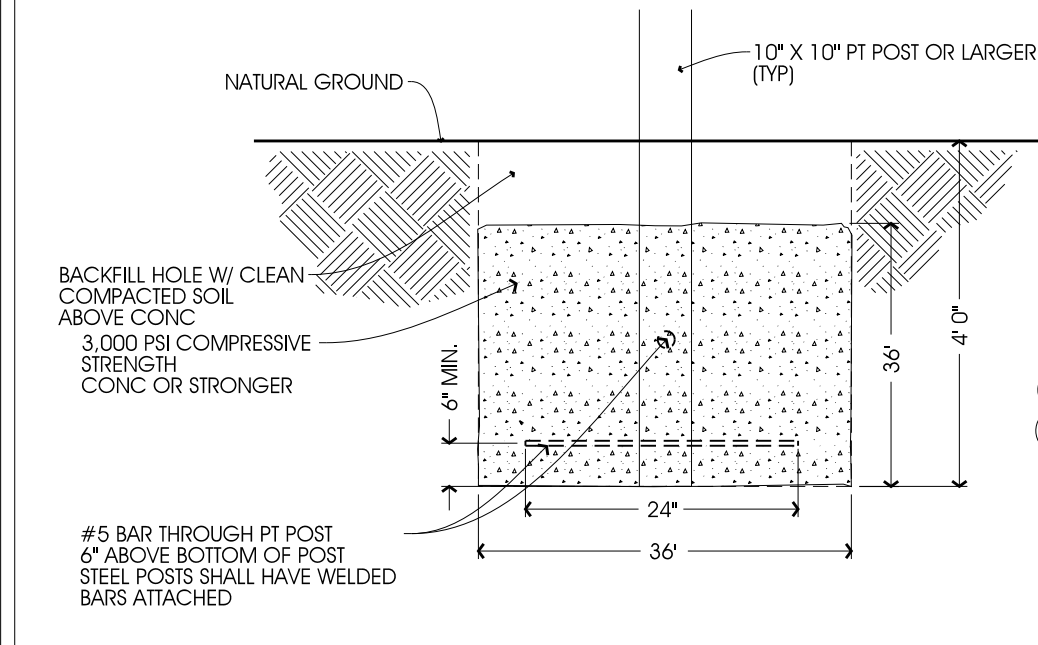
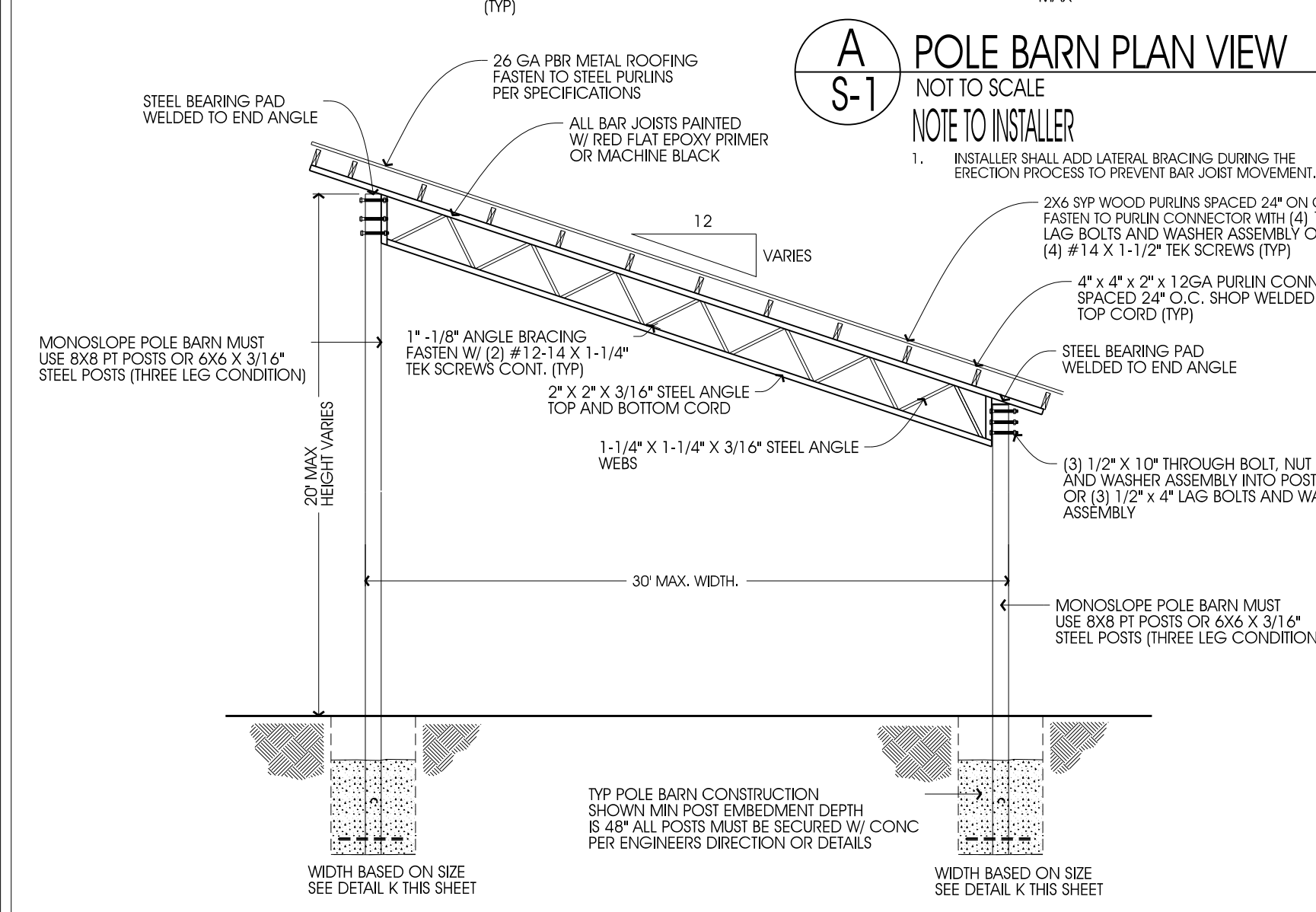
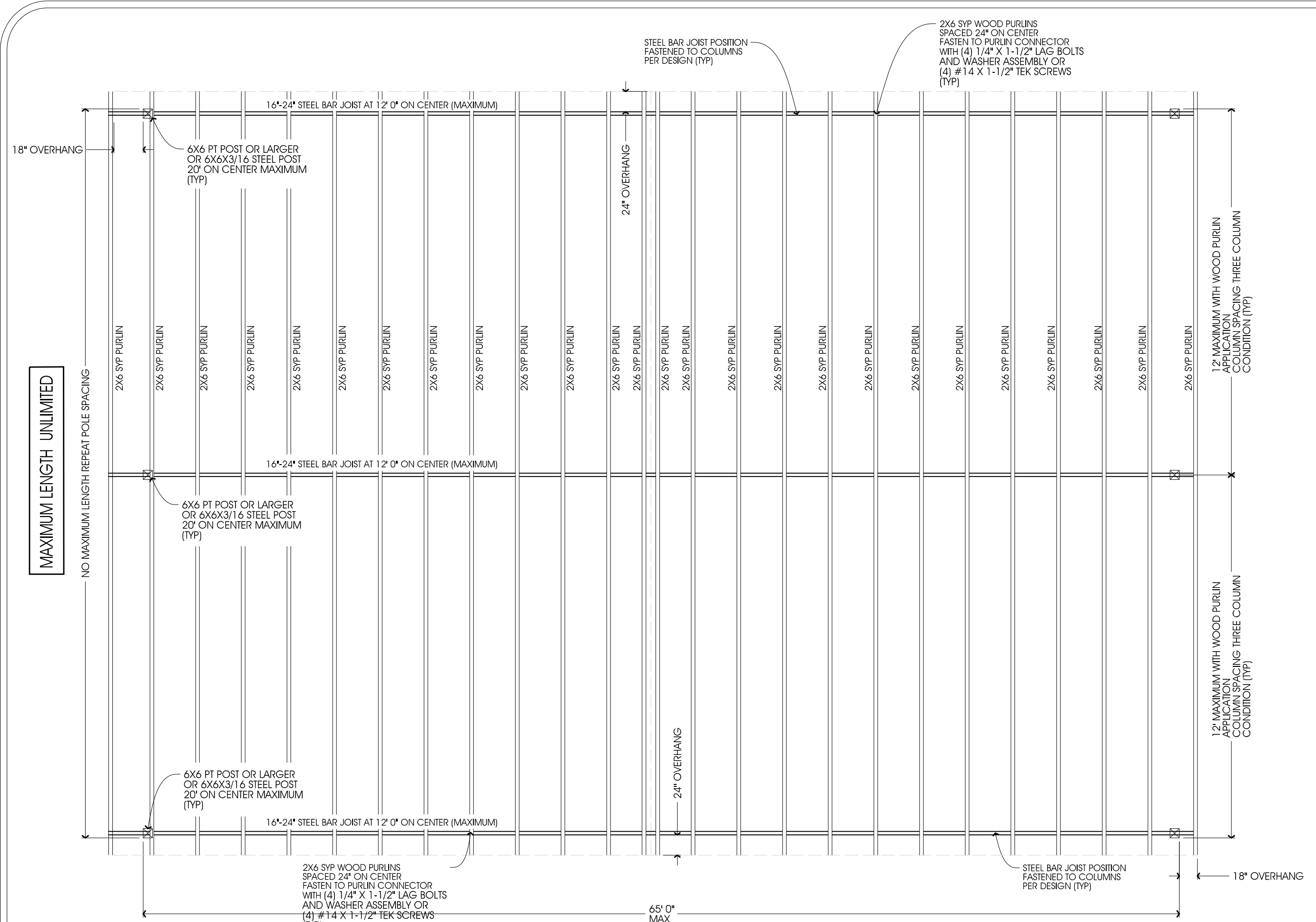


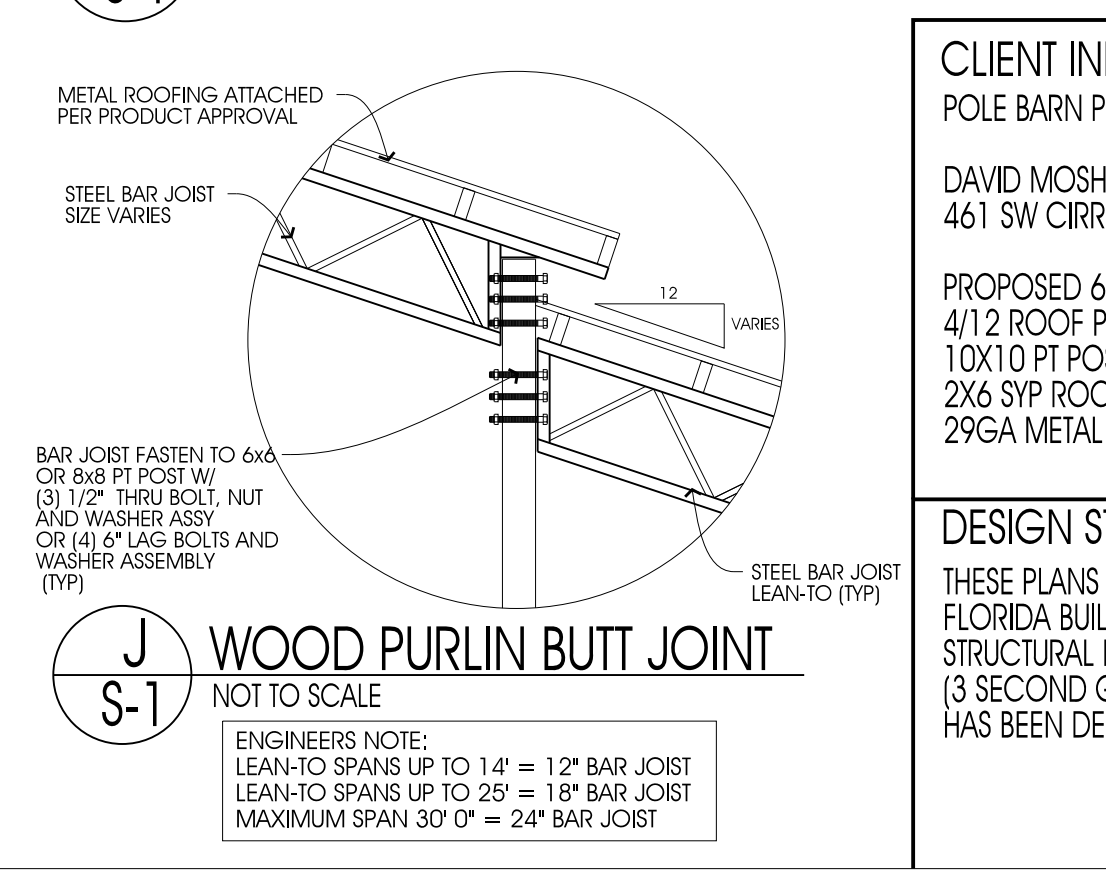
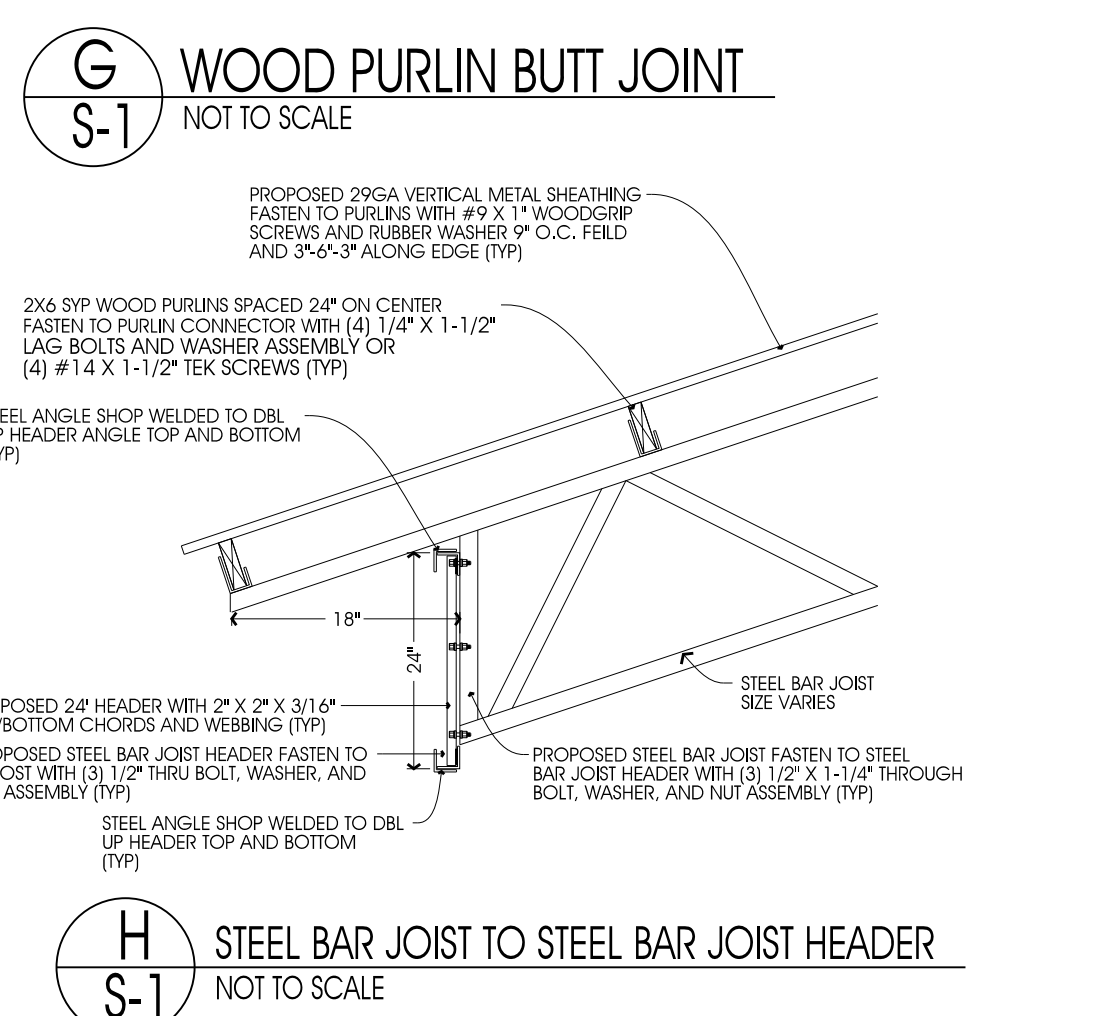
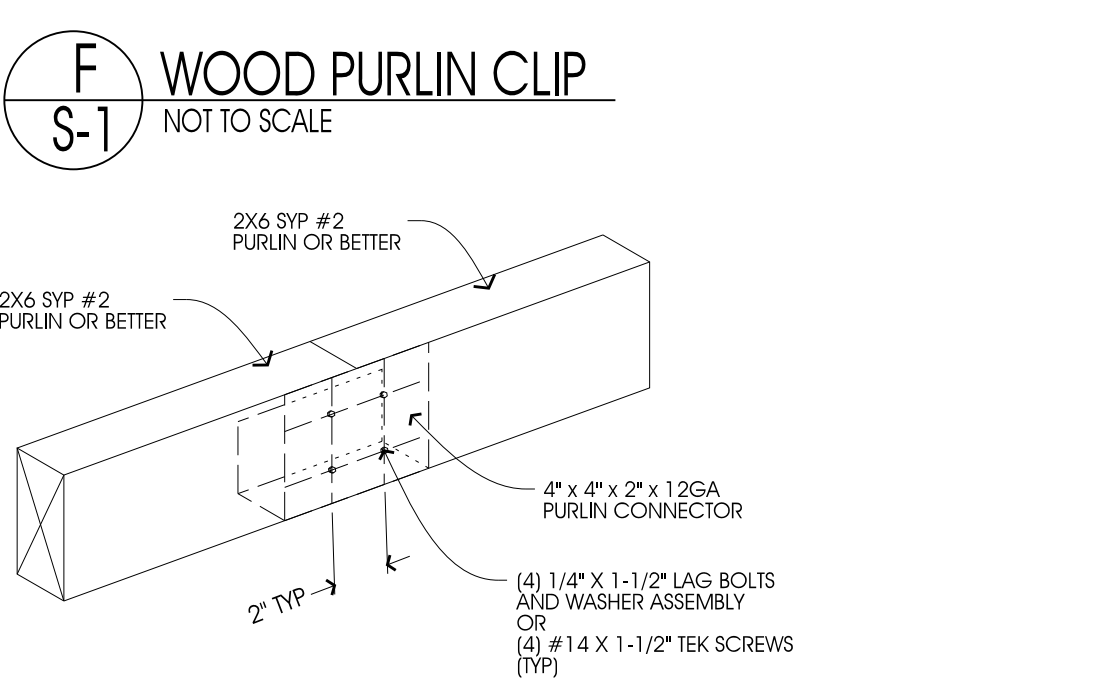
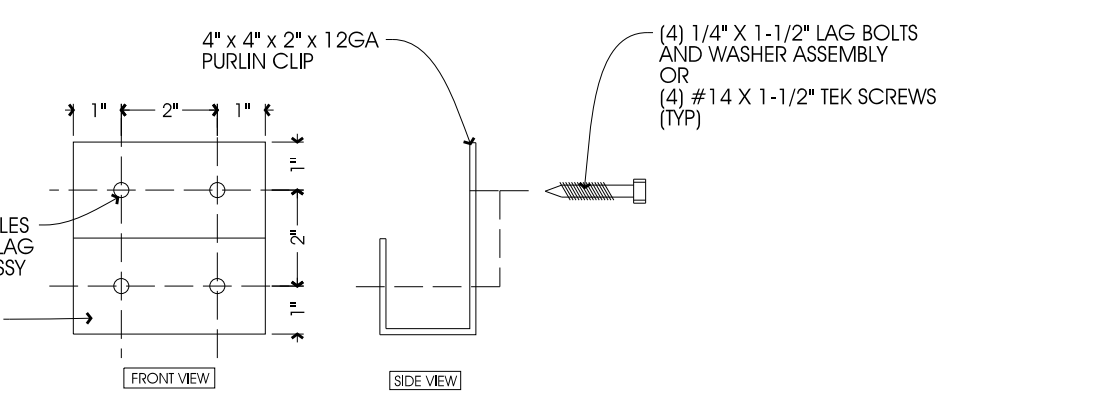
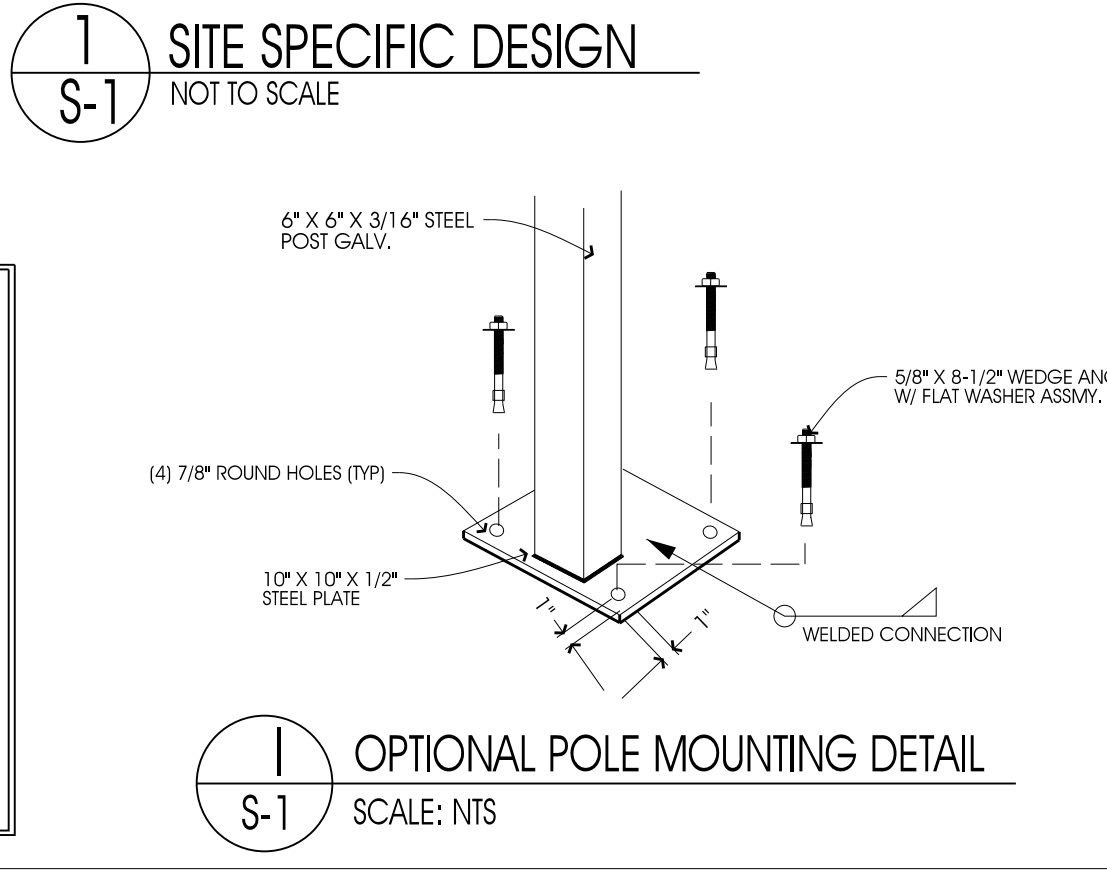
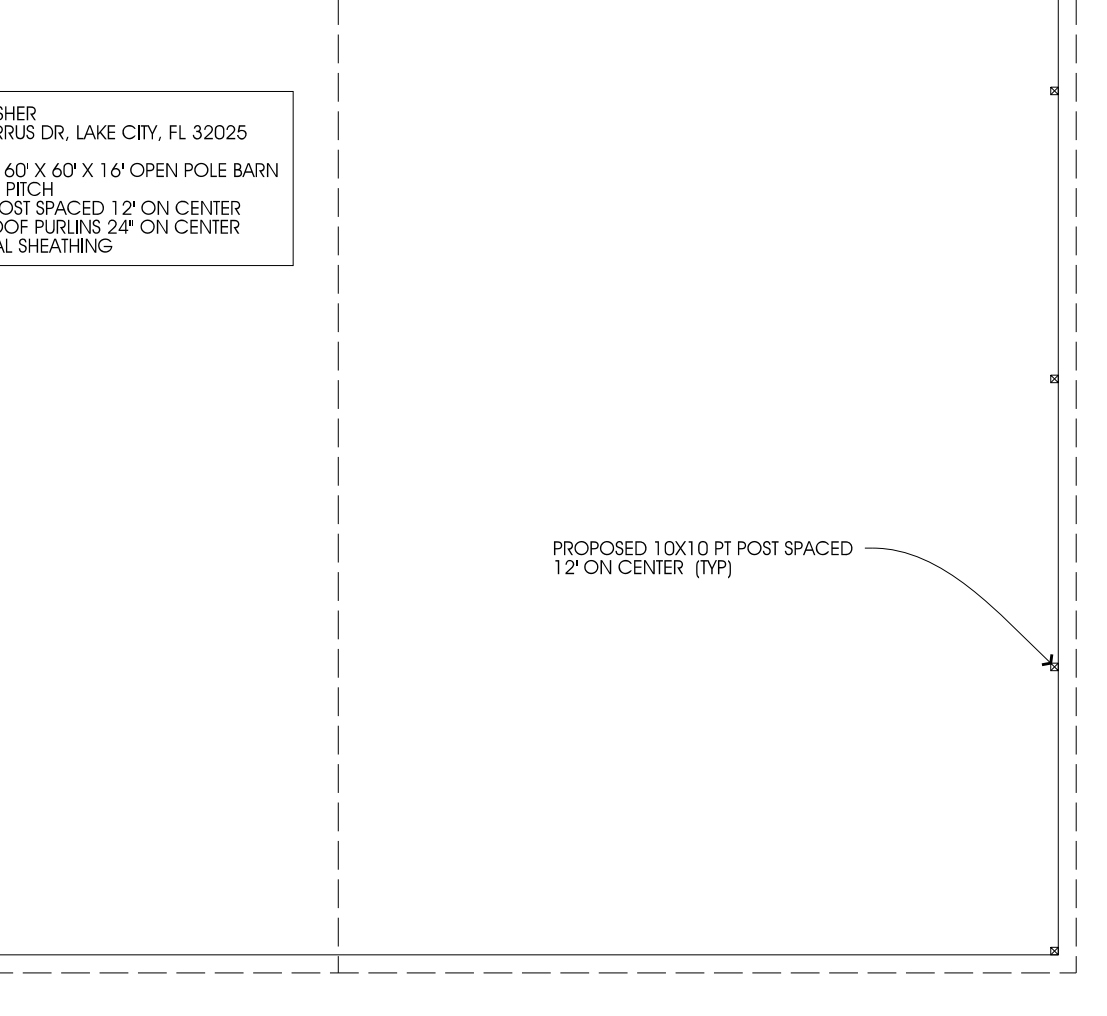
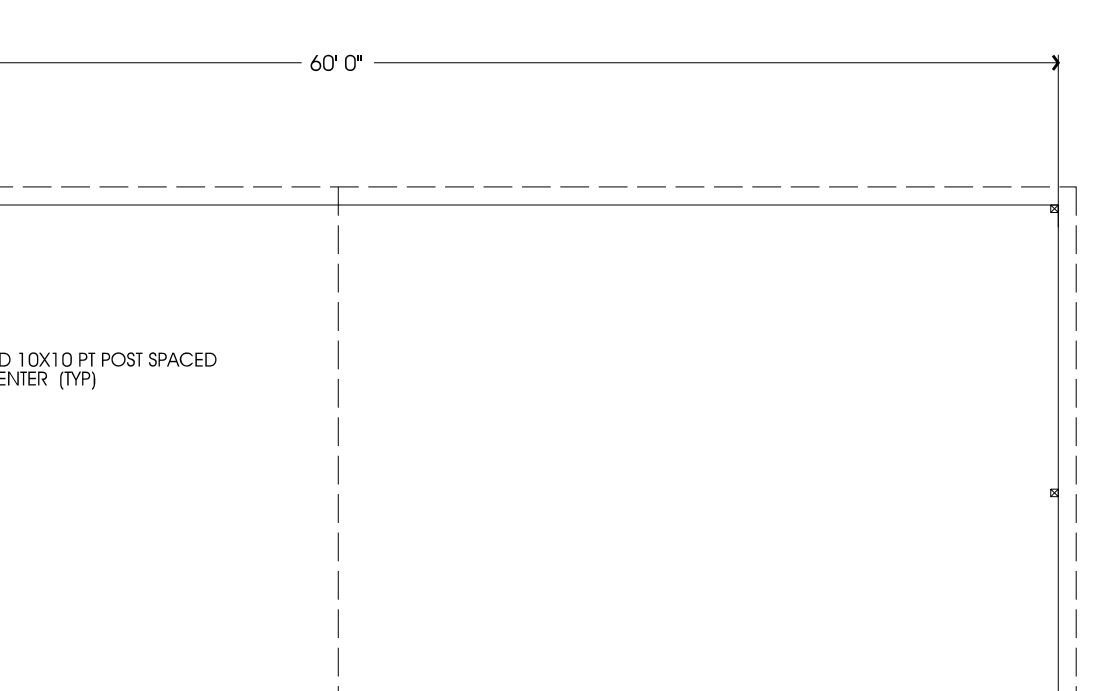
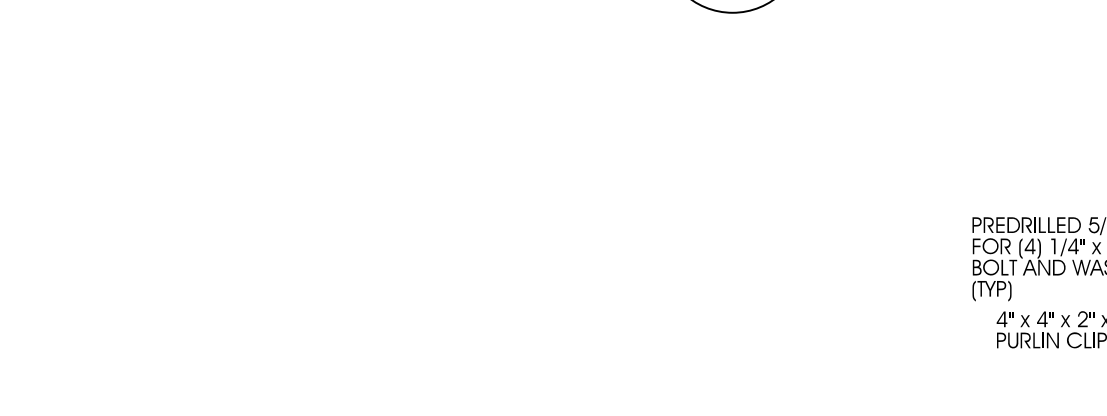
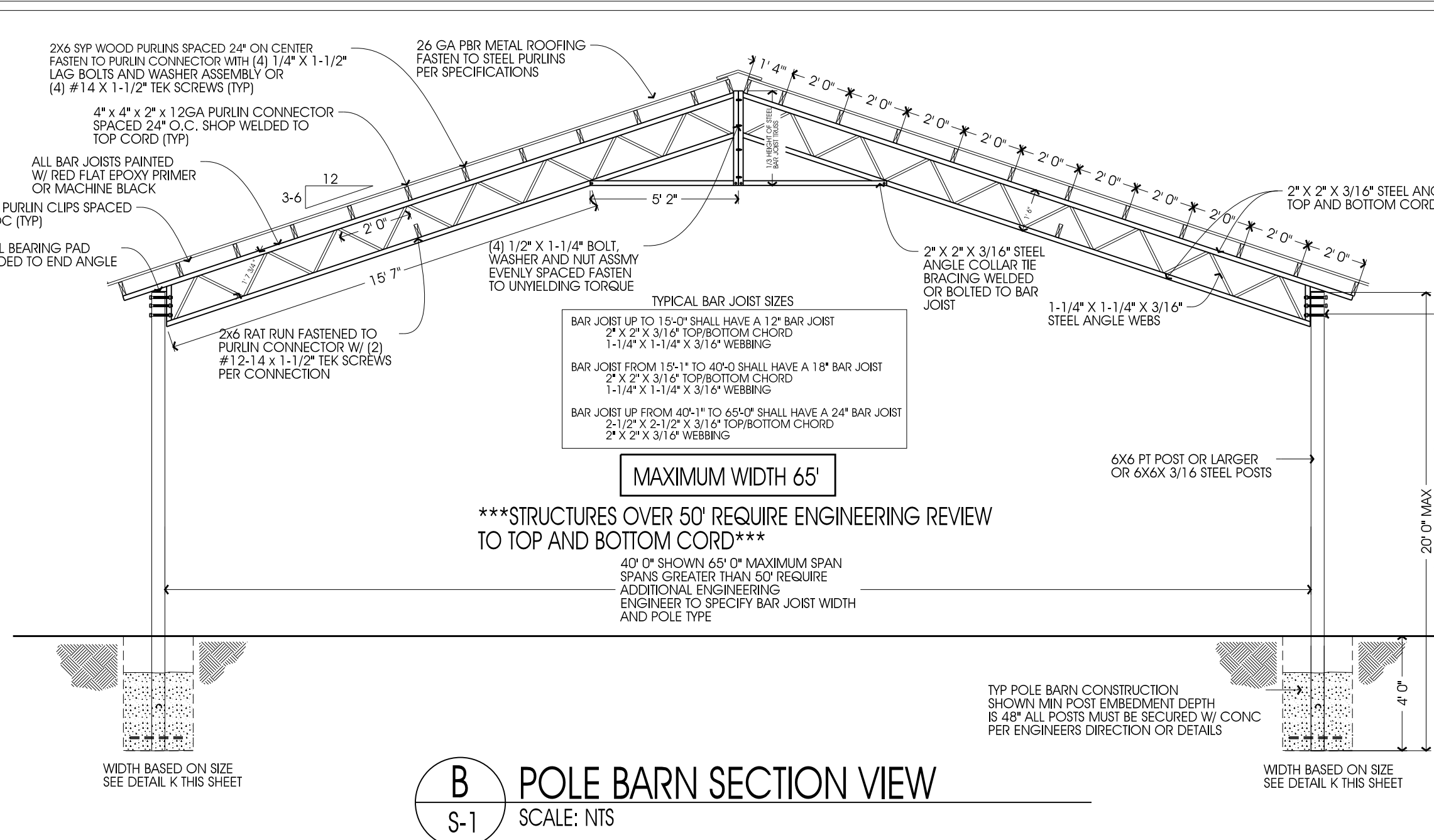
ENGINEERS NOTE ON FLORIDA BUILDING CODE COMPLIANCE:

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.

1) STRUCTURES USED AS CATEGORY II STRUCTURES (SINGLE FAMILY RESIDENCE OR OCCUPIED STRUCTURES) REQUIRE ADDITIONAL CODE COMPLIANCE BY A LICENSED DESIGN PROFESSIONAL.

2) 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.



CONCRETE AND CLADDING (per Table 1, ASCE 7-16)		ROOF		WALLS	
VELOCITY	ULTIMATE	ROOF	WALLS	ROOF	WALLS
140 MPH	-17.4	-17.4	-17.4	-17.4	-17.4
150 MPH	-19.9	-19.9	-19.9	-19.9	-19.9
160 MPH	-22.7	-22.7	-22.7	-22.7	-22.7

CONCRETE AND CLADDING (per Table 1, ASCE 7-16)		ROOF		WALLS	
VELOCITY	ULTIMATE	ROOF	WALLS	ROOF	WALLS
140 MPH	-21.3	-21.3	-21.3	-21.3	-21.3
150 MPH	-24.4	-24.4	-24.4	-24.4	-24.4
160 MPH	-27.9	-27.9	-27.9	-27.9	-27.9

CONCRETE AND CLADDING (per Table 1, ASCE 7-16)		ROOF		WALLS	
VELOCITY	ULTIMATE	ROOF	WALLS	ROOF	WALLS
140 MPH	-29.3	-29.3	-29.3	-29.3	-29.3
150 MPH	-33.7	-33.7	-33.7	-33.7	-33.7
160 MPH	-38.1	-38.1	-38.1	-38.1	-38.1

GENERAL NOTES

1. ALL CONCRETE WORK SHALL BE 3,000 P.S.I. AT 28 DAYS.

2. MINIMUM SOIL BEARING SHALL BE ASSUMED AT 2,000 P.S.F.

3. ALL CONSTRUCTION SHALL BE PROVIDED IN ACCORDANCE WITH THE FLA. BLDG. CODE 2023 8TH EDITION, AND ASCE 7-22. WIND CODES FOR AN ULTIMATE WIND SPEED OF 140 MPH AND GREATER.

4. THESE PLANS INCLUDE DESIGN FOR ALL WIND SPEEDS UP TO AND INCLUDING 160 MPH ULTIMATE WIND SPEED.

5. ALL BRACING AND ROOFING TO MINIMUM OF 27 GAUGE ATTACHED TO THE COLUMNS AS SHOWN AND CONSIDERED TO BE A MIN. OF 3/8\"/>

STRUCTURAL NOTES:

1. MATERIALS SHALL CONFORM TO STEEL ASTM 513

2. ALL STEEL SHALL BE SO DESIGNED IN ACCORDANCE WITH CURRENT ALSO MANUAL.

3. WELDING ELECTRODES TYPE E70XX

4. ALL WELDING SHALL BE IN ACCORDANCE WITH CURRENT AWWA REQUIREMENTS

5. ALL WELDING SHALL BE DONE BY A CERTIFIED WELDER

6. BOLTS SHALL BE ASTM A325 W/ WASHERS AND NUTS (TYP)

7. WELD STRENGTH 70 KSI MIN.

8. ALL POST SHALL BE PRESSURE TREATED GROUND CONTACT

9. PRIMING & PAINTING SHALL BE DONE BY TRUSS MANUFACTURER

10. MIN. EXPOSED DISTANCE FOR BOLTS SHALL BE 3/4\"/>

STEEL NOTE

THE DESIGN, FABRICATION, AND CREATION OF STRUCTURAL STEEL ELEMENTS SHALL BE IN ACCORDANCE WITH AISC 360 AND AISC CODE OF STANDARD PRACTICE, 2023.

CLIENT INFORMATION:

POLE BARN PLAN PREPARED FOR:

DAVID MOSHER
461 SW CIRROS 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\"/>

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.

OVERALL REVISION DATE
January 16, 2026

ENGINEERING • PLANNING • PERMITTING

REVISIONS:

NO.	DATE	BY	DESCRIPTION
1	8-12-2026	SW	CONCRETE SLAB UPDATED

EPI

ENGINEERED PERMITS, INC.
311 SOUTH WOODLAND BLVD.
SUITE 1
DELAND, FL 32720
PHONE: 386-734-0830
FAX: 386-734-8226
COST: \$250 PER SET
EMAIL: ep@epieng.net

PROJECT:

BACKWOOD BARNS LLC

SHEET TITLE:

STEEL BAR JOIST
OPEN BUILDING
(WOOD PURLIN)

Michael J
Wojtuniak

Digitally signed by
Michael J
Wojtuniak
Date: 2026.08.12
09:45:18 -04'00'

8-12-2026

STATE OF
FLORIDA
PROFESSIONAL ENGINEER

MICHAEL WOJTUNIAK, P.E.
E-MAIL: mwojtuniak@gmail.com

SHEET NO.

S-1

DATE: 8/12/2026