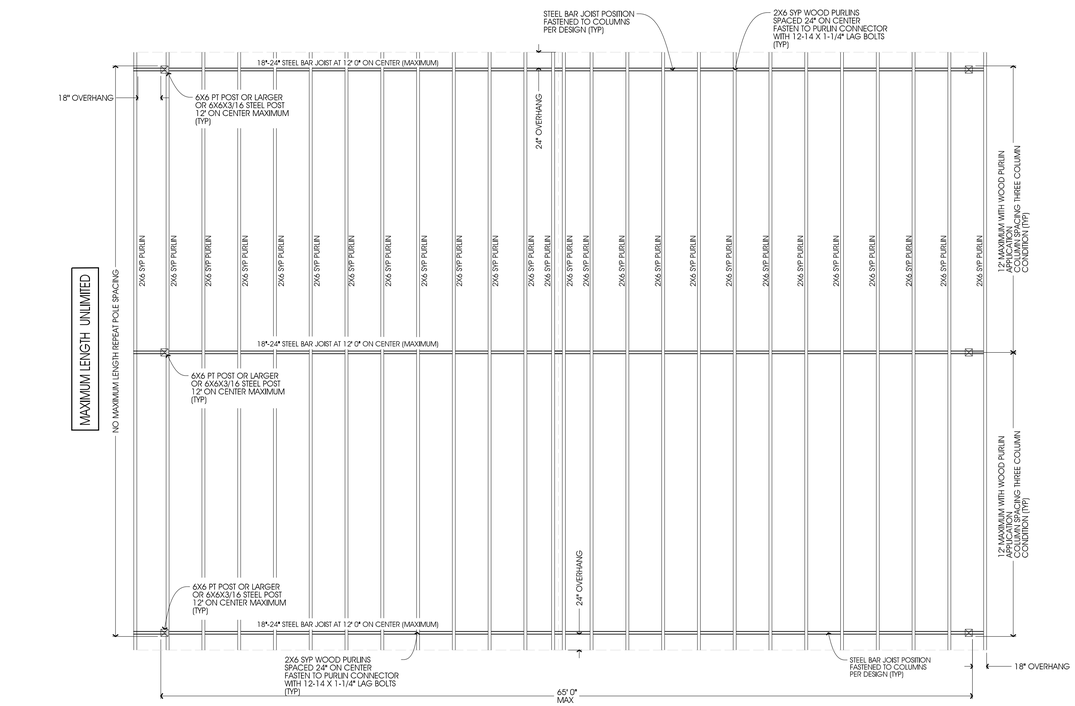
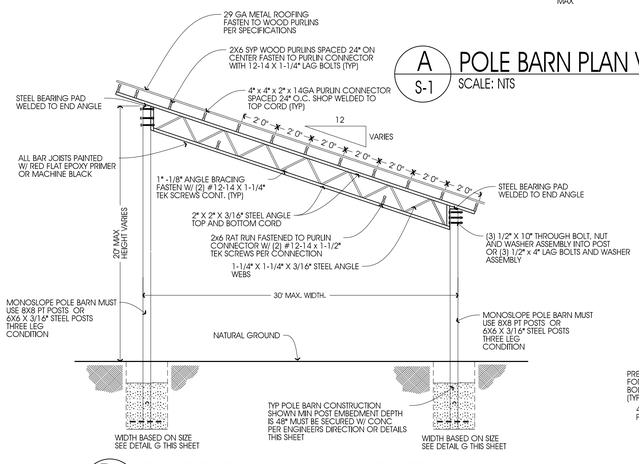
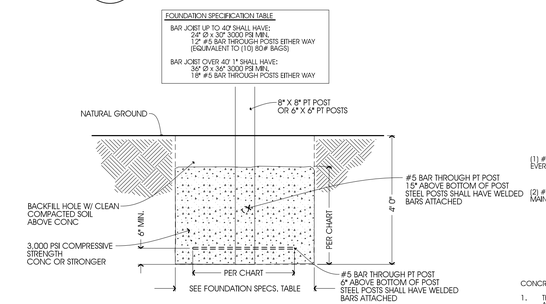
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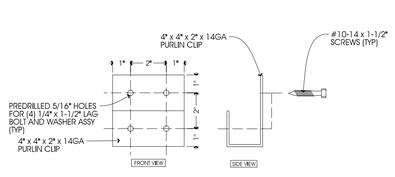
A S-1 POLE BARN PLAN VIEW
SCALE: NTS



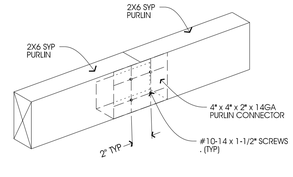
D S-1 POLE BARN MONOSLOPE OPTION
SCALE: NTS



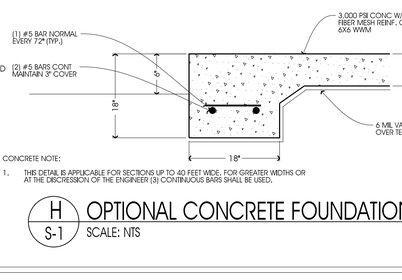
G S-1 ALL POLE MOUNTING DETAIL
SCALE: NTS



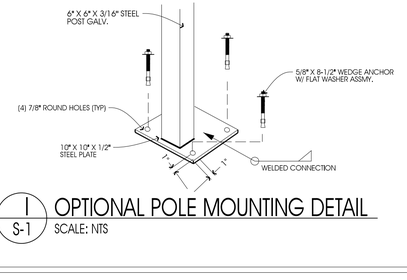
E S-1 WOOD PURLIN CLIP
NOT TO SCALE



F S-1 WOOD PURLIN BUTT JOINT
NOT TO SCALE



H S-1 OPTIONAL CONCRETE FOUNDATION
SCALE: NTS



I S-1 OPTIONAL POLE MOUNTING DETAIL
SCALE: NTS

ENGINEERS NOTE ON FLORIDA BUILDING CODE COMPLIANCE:

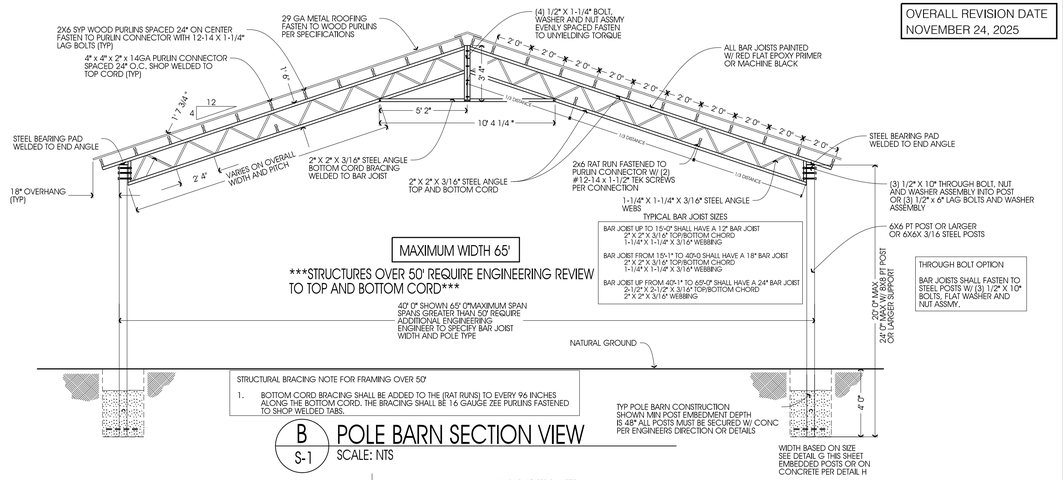
THIS PLAN HAS BEEN ENGINEERED FOR A RISK CATEGORY II BUILDING WITHOUT A SITE PLAN/SURVEY. THIS BUILDING IS FOR AGRICULTURAL USE AND HAS NOT BEEN ENGINEERED FOR A RESIDENCE.

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

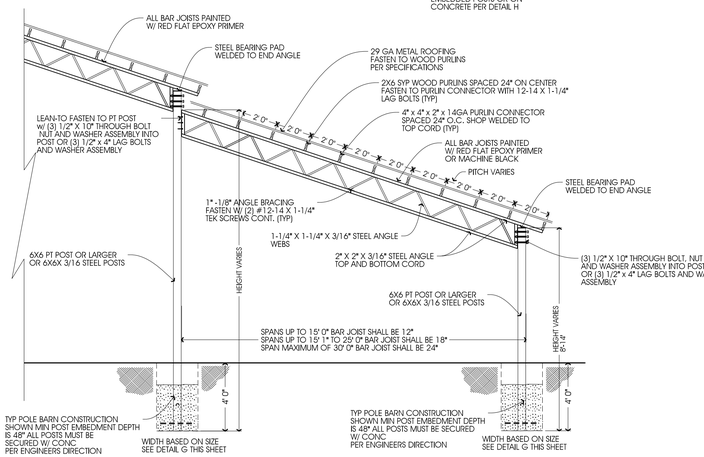
2) THE SUBSEQUENT DESIGN PROFESSIONAL IS RESPONSIBLE FOR MAKING THE BUILDING COMPLIANT TO THE FLORIDA BUILDING CODE.

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

OVERALL REVISION DATE
NOVEMBER 24, 2025



B S-1 POLE BARN SECTION VIEW
SCALE: NTS



C S-1 OPTIONAL LEAN TO
SCALE: NTS

NOTE TO INSTALLER
1. INSTALLER SHALL ADD LATERAL BRACING DURING THE ERECTION PROCESS TO PREVENT BAR JOIST MOVEMENT.

STEEL NOTE:

THE DESIGN, FABRICATION, AND CREATION OF STRUCTURAL STEEL ELEMENTS SHALL BE IN ACCORDANCE WITH AISC 360 AND AISC CODE OF STANDARD PRACTICE, 2020.

ENGINEERS NOTE:
THIS PLAN HAS BEEN PREPARED WITHOUT THE BENEFIT OF A SPECIFIC SITE PLAN FOR LOCATION CONSTRAINTS OR CONDITIONS. CONTRACTOR / BUILDING ERECTOR SHALL CONTACT ENGINEER IF SITE CONDITIONS EXISTING THAT PREVENT A TYPICAL CONTRUCTION PER PLAN.

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.
4. ALL SIDING AND ROOFING TO MINIMUM OF 29 GAUGE ATTACHED TO THE COLUMNS AS SHOWN AND CONSIDERED TO BE A MIN. OF 3 SPAN.
5. FOR ZONE LOCATIONS SEE ASCE 7-22. THE VALUE OF "a" SHALL BE A MINIMUM OF 3'-0". FOR ZONE LOADING SEE COMPONENTS AND CLADDING LOADING CHARTS THIS SHEET.
6. DESIGN LOADINGS:
 DEAD LOAD = 5 PSF
 ROOF LIVE LOAD = 20 PSF
 WIND LOAD = PER TABLE
7. DOOR AND WINDOW DATA: SEE TABLE THIS SHEET.
8. ALL WINDOWS AND MAN DOORS MAY USE 1/4"X1" LONG TEK SCREWS IN LIEU OF THE WOOD SCREWS WHEN CONNECTING THE UNITS TO METAL FRAME. FOLLOW THE MANUFACTURERS SPECIFICATIONS FOR LOCATING CONNECTORS.
9. TYPE OF CONSTRUCTION TYPE II-B
 BUILDING CATEGORY II
10. ADDITIONAL BRACES REQUIRED ONLY REQUIRED WITH WIND SPEEDS GREATER THAN OR EQUAL TO 150 MPH OR AS CALLED OUT ON PLANS.
11. ALL WELDS ARE CONTINUOUS WELDS DONE AT THE FACTORY.
12. MISSION METALS MANUFACTURING IS NOT RESPONSIBLE FOR FAILURES OF OR INDUCED BY MATERIALS NOT PROVIDED BY MISSION METALS MANUFACTURING; FRAMEWORK, METAL SIDING, METAL ROOFING, FASTENERS, DOORS, WINDOWS, SEALANTS, CLOSURES AND OTHER METAL BUILDING ACCESSORIES. THE LIMITED WARRANTY ALSO DOES NOT COVER USING THE MATERIALS IN A MANNER THAT THEY ARE NOT DESIGNED OR ENGINEERED FOR. ADDITIONALLY UNCONTROLLABLE EVENTS "ACT OF GOD" SUCH AS TORNADOES, FLOODS OR HURRICANES ARE OUTSIDE THE DESIGN PARAMETERS OF THE LIMITED WARRANTY.

COMPONENTS AND CLADDING (exp=B, gcpi=0.00 (Open))							
VELOCITY ULTIMATE	PRESSURE (PSF) ZONE						
	ROOF			WALLS			
	1	2	3	4/5 AVG NORMAL		4/5 AVG PARALLEL	
140 MPH	-16.6	-28.7	-48.2	+28.7	-31.2	+28.7	-38.5

CLIENT INFORMATION:
POLE BARN PLAN PREPARED FOR:

1168 SW CUMORAH HILL ST, FORT WHITE, FL 32038

PROPOSED 28' X 48' X 12' OPEN POLE BARN
4/12 ROOF PITCH
8" X 8" PT POST SPACED 12' ON CENTER
2X6 SYP ROOF PURLINS SPACED 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. THIS STRUCTURE HAS BEEN DESIGNED WITH AN MINIMUM ULTIMATE WIND SPEED OF 140 MPH, (3 SECOND GUST) IN WIND EXPOSURE CATEGORY "B". THIS STRUCTURE HAS BEEN DESIGNED AS RISK CATEGORY I. THE COMPONENTS AND CLADDING WERE DESIGNED BASED THE INCLUDED TABLE DESIGN PRESSURES.

ENGINEERING • PLANNING • PERMITTING

REVISIONS:

DESCRIPTION	DATE	BY

EPI
ENGINEERED PERMITS, INC.
311 SOUTH WOODLAND BLVD.
SUITE A
DELAND, FL 32720
PHONE: 386-734-0830
FAX: 386-734-8226
CERT NO. 29298
EMAIL: ep@epileng.net

PROJECT: MISSION METALS MANUFACTURING

SHEET TITLE: STEEL BAR JOIST OPEN STORAGE BUILDING (WOOD PURLIN)

Michael J Wojtuniak
Digitally signed by Michael J Wojtuniak
Date: 2026.07.23 11:43:00 -04'00'

MICHAEL J. WOJTUNIAK LICENSE No. 60984 STATE OF FLORIDA PROFESSIONAL ENGINEER
7-23-2026
MICHAEL WOJTUNIAK, P.E. NO. 60984 EMAIL: mwojtuniak@epileng.net

MISSION METALS MFG

SHEET NO. S-1
DATE: 7/23/2026

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