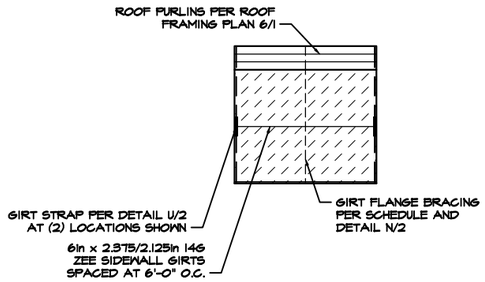
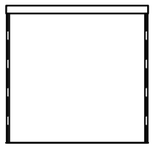


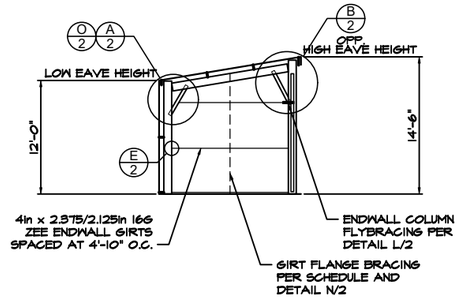
2/1 **SIDEWALL 'A' EXTERIOR ELEVATION**

SCALE: 1/8" = 1'-0"



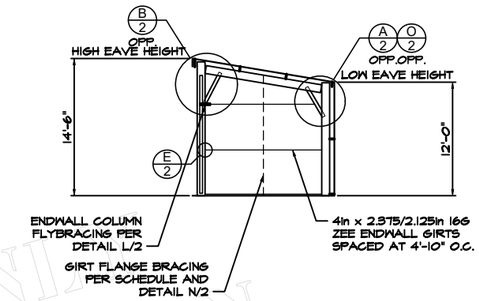
3/1 **SIDEWALL 'B' EXTERIOR ELEVATION**

SCALE: 1/8" = 1'-0"



5/1 **ENDWALL 'A' INTERIOR ELEVATION**

SCALE: 1/8" = 1'-0" FRAME #1



4/1 **ENDWALL 'B' INTERIOR ELEVATION**

SCALE: 1/8" = 1'-0" FRAME #2

IMPORTANT: IN ADDITION TO THESE PLANS (WHICH ALWAYS TAKE PRECEDENCE), YOU SHOULD HAVE THE FOLLOWING FROM ACT BUILDING SYSTEMS:

- **CONSTRUCTION PACKAGE**
- **INSTALLATION MANUALS**
- **CONSTRUCTION VIDEOS**

PLEASE CONTACT YOUR SALES REP IF YOU HAVE NOT RECEIVED THESE PRIOR TO STARTING CONSTRUCTION.

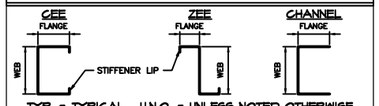
PROJECT DESIGN CRITERIA

GOVERNING CODE: IBC 2021
RISK CATEGORY: II
ROOF DEAD LOAD: 3 psf
ROOF COLLATERAL LOAD: 5 psf
GROUND SNOW LOAD: 5 psf Ct = 1.2
ROOF SNOW LOAD: 4.2 psf
ROOF LIVE LOAD: 20 psf (REDUCIBLE)
WIND ENCLOSURE: PARTIALLY ENCLOSED
WIND SPEED: 105 mph
WIND EXPOSURE: C
Ss: 0.097 Sds: 0.103
S1: 0.054 Sd1: 0.086
SEISMIC DESIGN CATEGORY: B
R transverse: 3 R longitudinal: 3
SOIL BEARING PRESSURE: 1500 psf

WIND DESIGN OF LATERAL FORCE-RESISTING SYSTEMS IS BASED ON THE DIRECTIONAL DESIGN PROCEDURE OF ASCE 7-16, CHAPTER 27

SEISMIC DESIGN OF LATERAL FORCE-RESISTING SYSTEMS ARE AS FOLLOWS:
-- TRANSVERSE: ORDINARY STEEL MOMENT FRAME (SEISMIC DESIGN IS BASED ON ASCE 07-16, SECTIONS 12.1 - 12.13)
-- LONGITUDINAL: ORDINARY STEEL BRACED FRAME. (SEISMIC DESIGN IS PERFORMED USING THE SIMPLIFIED DESIGN PROCEDURE (ASCE 07-16, SECTION 12.14).

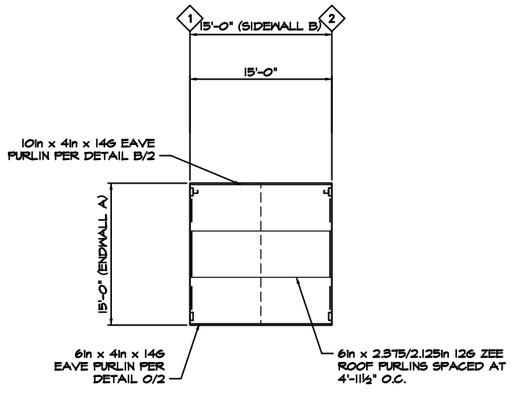
COMPONENT DIAGRAM



TYP. = TYPICAL U.N.O. = UNLESS NOTED OTHERWISE

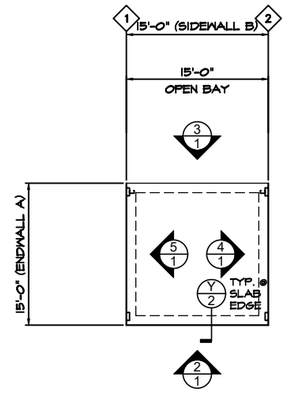
DEFLECTION LIMITS

PURLINS:	L/150 (STD)
GIRTS:	L/90 (STD)
EW WIND COLUMNS:	L/120 (STD)
WALL PANEL:	L/60 (STD)



6/1 **ROOF FRAMING PLAN**

SCALE: 1/8" = 1'-0"



NOTE: USE ½" X 3" DEWALT 'SCREW-BOLT+' ANCHOR IN 3½" DEEP HOLES AT ANCHOR LOCATIONS PER BASE DETAIL F/2, INSTALLED PER ICC REPORT ESR-3889, SECTION 4.3.

NOTE: EXCEPT AT DOOR OPENINGS, INSTALL L4x2x14G ANGLE TO FOUNDATION (FOR ATTACHMENT OF BOTTOM OF WALL SIDING) WITH 1/4in X 1 1/4in HAMMER DRIVE ANCHORS AT 26.68" O.C. (6" MAX. FROM ANY END).

1/1 **FOUNDATION PLAN**

SCALE: 1/8" = 1'-0"

PRELIMINARY ONLY NOT FOR CONSTRUCTION

ACTBUILDING SYSTEMS®

DISTRIBUTOR: ForgeFab Metal Buildings LLC
JOB NAME: U500 CANOPYPRO
JOB ADDRESS: 1248 Market Center Drive DALLAS, TX 75247

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DATE 11/23/2025
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SHEET 1 OF 1