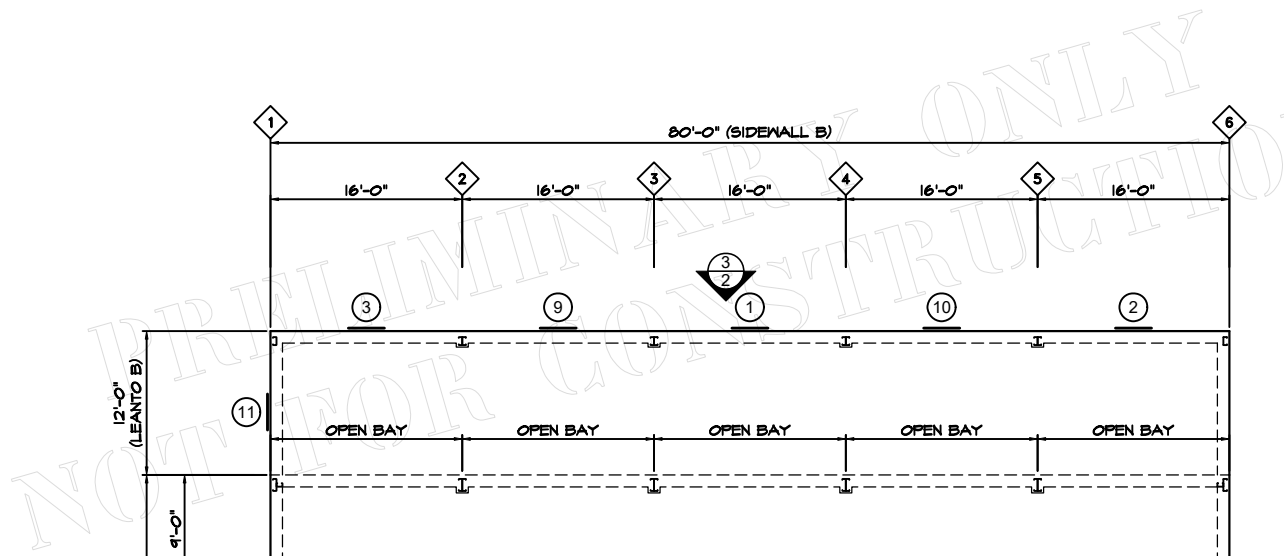




NOTE: USE 1/2" X 3" DEWALT 'SCREW-BOLT+' ANCHOR IN 3 1/2" DEEP HOLES AT ANCHOR LOCATIONS PER BASE DETAILS F/3 AND S/3, INSTALLED PER ICC REPORT ESR-3084, SECTION 4.3.

NOTE: SEE "TYP. FRAME CROSS-SECTION" DETAIL ON SHEET 3 FOR SPECIFIC FRAME DETAIL INFORMATION.

NOTE: EXCEPT AT DOOR OPENINGS, INSTALL L4x2x1/4s ANGLE TO FOUNDATION (FOR ATTACHMENT OF BOTTOM OF WALL SIDING) WITH 1/4in X 1 1/4in HAMMER DRIVE ANCHORS AT 34.85" O.C. (6" MAX. FROM ANY END).

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

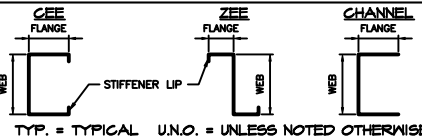
GOVERNING CODE: IBC 2021
RISK CATEGORY: II
ROOF DEAD LOAD: 3 psf
ROOF COLLATERAL LOAD: 5 psf
GROUND SNOW LOAD: 5 psf $C_t = 1.2$
ROOF SNOW LOAD: 4.2 psf
ROOF LIVE LOAD: 20 psf (REDUCIBLE)
WIND ENCLOSURE: PARTIALLY ENCLOSED
WIND SPEED: 105 mph
WIND EXPOSURE: C
 $S_s: 0.097$ $S_{ds}: 0.103$
 $S_1: 0.054$ $S_{d1}: 0.086$
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



WALL OPENING SCHEDULE

DOOR	WIDTH	HEIGHT	TYPE	HEADER GIRT	JAMBS
1-10	3'-0"	3'-0"	WINDOW	SEE NOTE #4	CHN6X 3X14
11-12	3'-0"	3'-0"	WINDOW	SINGLE	CHN6X 3X14
13	16'-0"	14'-0"	PERMANENT FRAMED OPENING	SEE NOTE #4	C6X9.5 X12

NOTES:

- JAMB MEMBERS SHOWN AS "CHN" ARE CHANNEL MEMBERS (WITHOUT STIFFENER LIPS) AND THOSE SHOWN AS "C" ARE CEE MEMBERS. FIRST NUMBER IS WEB DEPTH IN INCHES, SECOND NUMBER IS FLANGE WIDTH IN INCHES, AND THIRD NUMBER IS MATERIAL THICKNESS (GAUGE).
- SEE DETAILS J/3 AND K/3 FOR OPENING FRAMING INFORMATION.
- SIZE OF HEADER GIRT MEMBER TO BE SAME AS SIDENALL OR ENDWALL GIRT, AS APPROPRIATE, PER ELEVATIONS. AT WINDOWS, INSTALL HEADER GIRT SPECIFIED ABOVE AND BELOW WINDOWS, U.N.O.
- AT OPENINGS NOTED, INSTEAD OF ATTACHING DOOR JAMBS TO HEADER GIRT PER DETAIL L1/3 ATTACH DOOR JAMBS TO UNDERSIDE OF ENDWALL RAFTER OR EAVE FURLIN PER DETAIL L2/3.
- ALL OPENINGS AND ACCESSORIES SHALL BE CAPABLE OF SUPPORTING ALL WIND PRESSURES PERPENDICULAR TO THE SURFACE (GENERATED BY WINDS AT THE SPEED AND EXPOSURE INDICATED ABOVE) BY SPANNING BETWEEN THE JAMBS.

DEFLECTION LIMITS

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

PRELIMINARY
ONLY NOT FOR
CONSTRUCTION



ACTBUILDING
SYSTEMS®

DISTRIBUTOR:
ForgeFab Metal Buildings LLC
JOB NAME:
U600 AMBARN
JOB ADDRESS:
1248 Market Center Drive
DALLAS, TX 75247

DRAWN

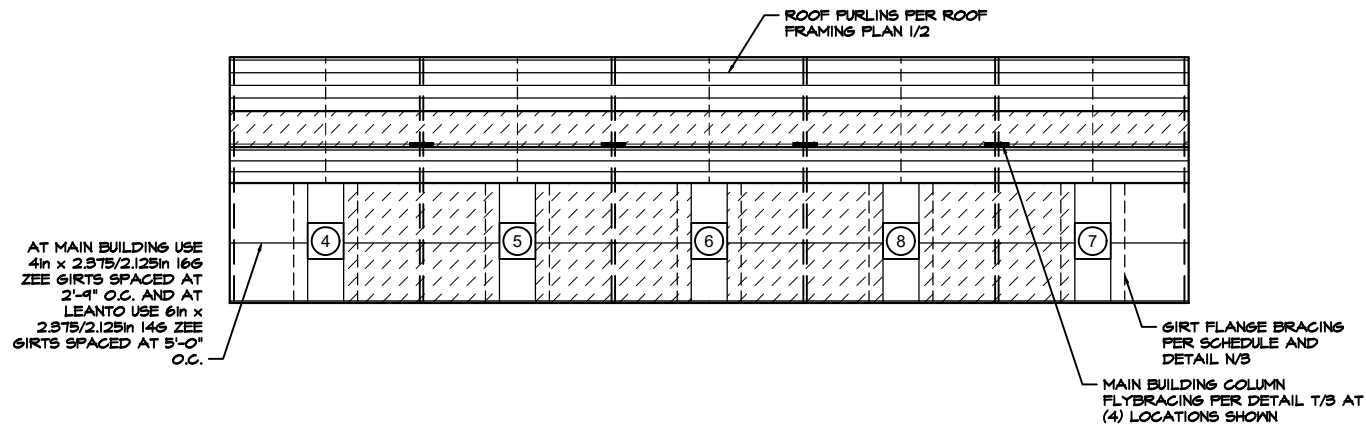
CHECKED

DATE
11/29/2025

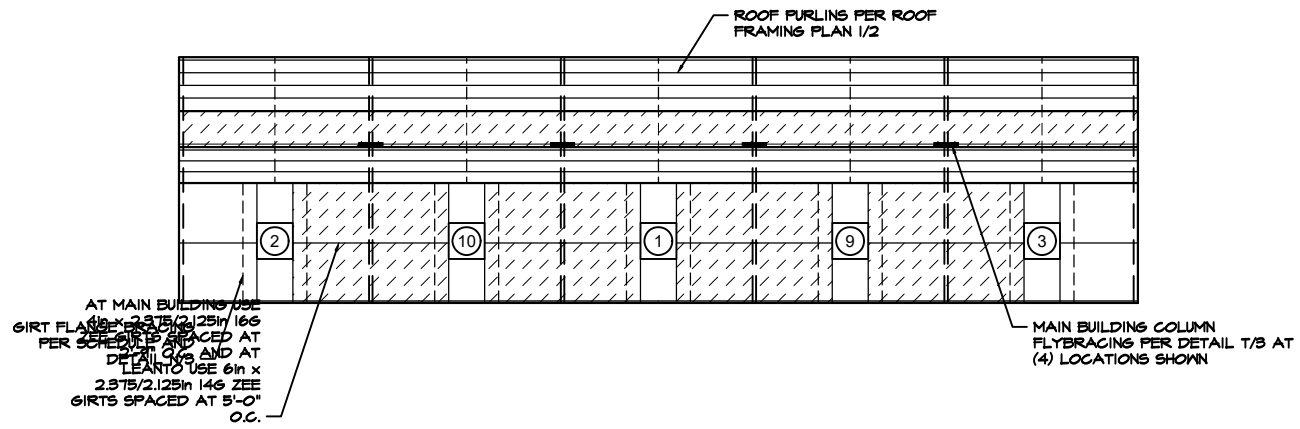
JOB NO.
GRRQ1025015398

SHEET

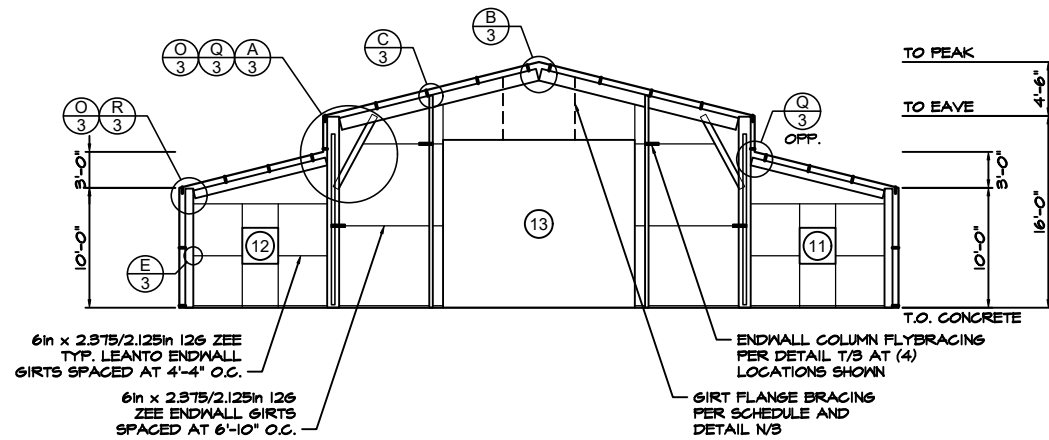
1
OF
2



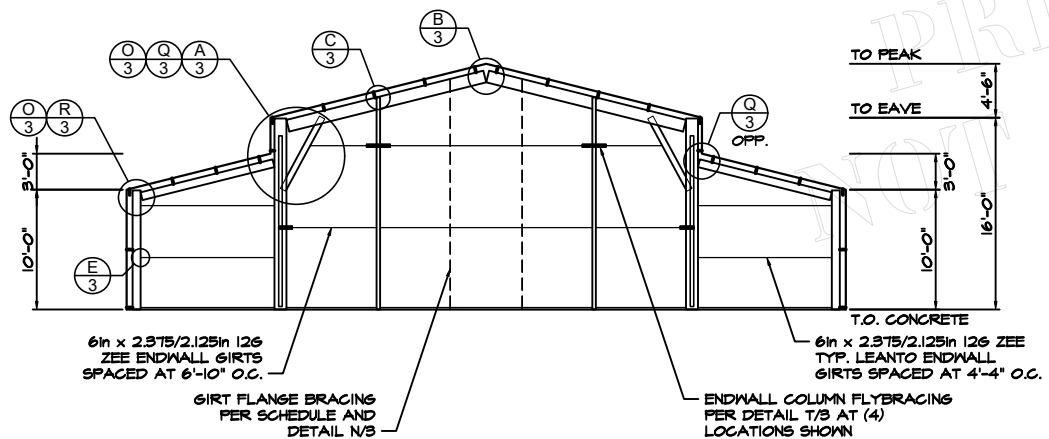
2 SIDEWALL 'A' EXTERIOR ELEVATION
2 SCALE: 1/8" = 1'-0"



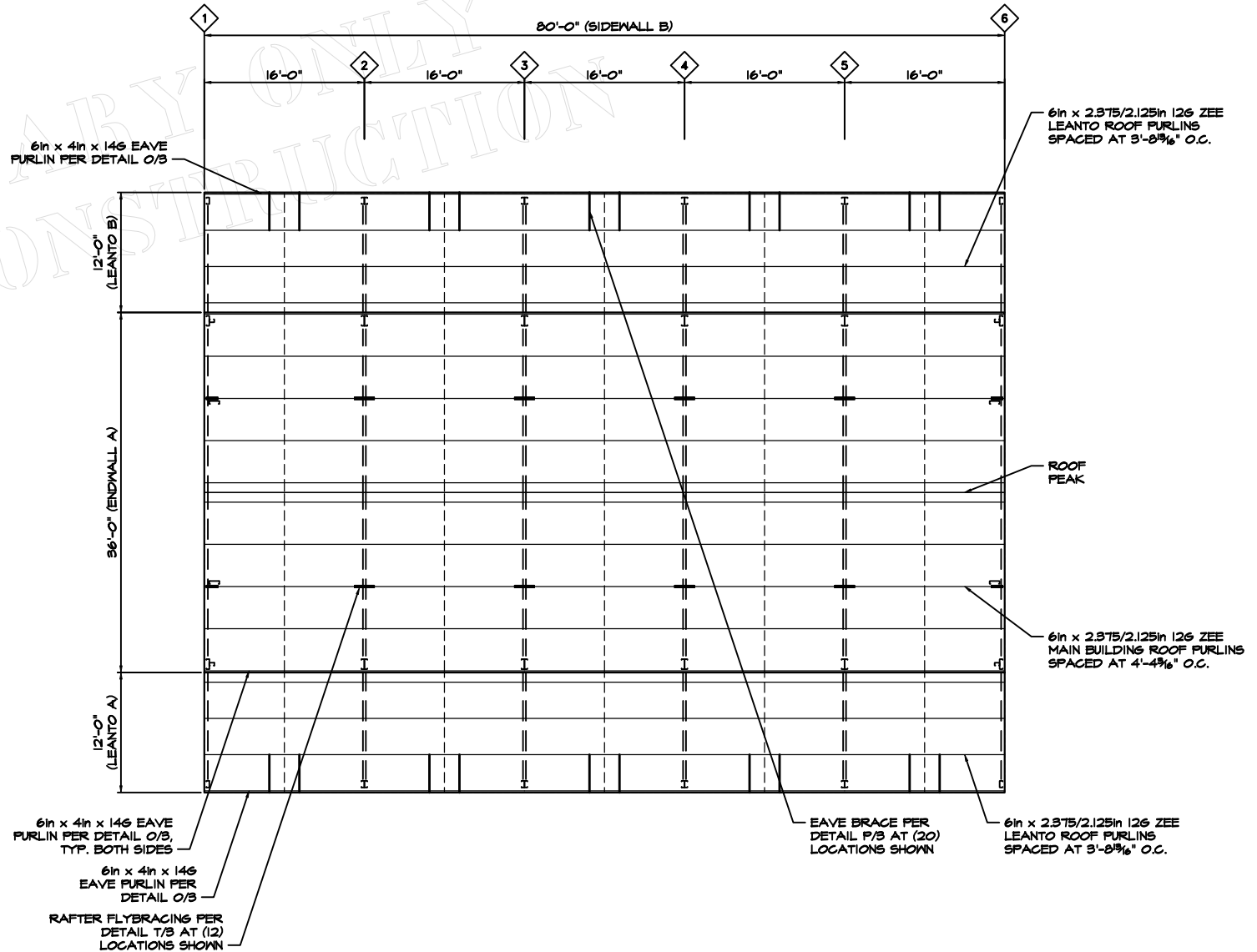
3 SIDEWALL 'B' EXTERIOR ELEVATION
2 SCALE: 1/8" = 1'-0"



5 ENDWALL 'A' INTERIOR ELEVATION
2 SCALE: 1/8" = 1'-0" FRAME #1



4 ENDWALL 'B' INTERIOR ELEVATION
2 SCALE: 1/8" = 1'-0" FRAME #6



1 ROOF FRAMING PLAN
2 SCALE: 1/8" = 1'-0"

PRELIMINARY
ONLY NOT FOR
CONSTRUCTION



ACTBUILDING
SYSTEMS

DISTRIBUTOR:
ForgeFab Metal Buildings LLC
JOB NAME:
U600 AMBARN
JOB ADDRESS:
1248 Market Center Drive
DALLAS, TX 75247

DRAWN

CHECKED

DATE

11/29/2025

JOB NO.

GRRQ1025015398

SHEET

2
OF
2