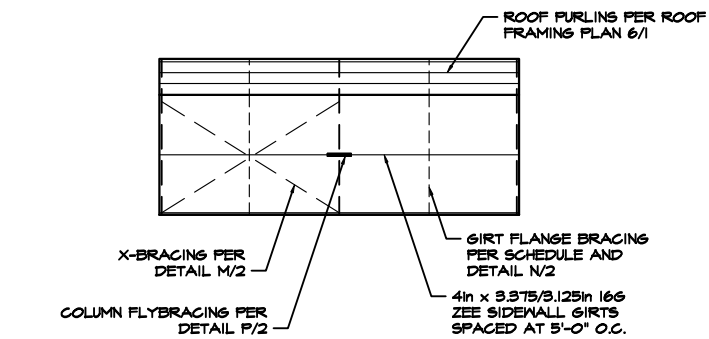
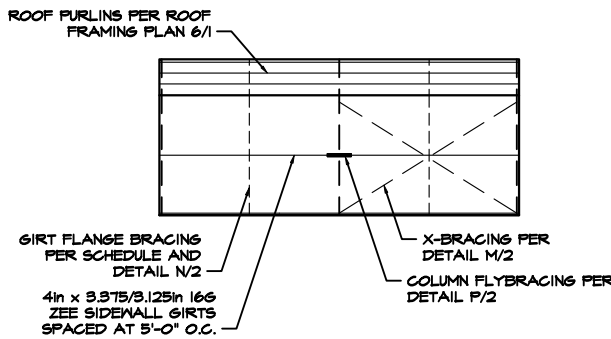




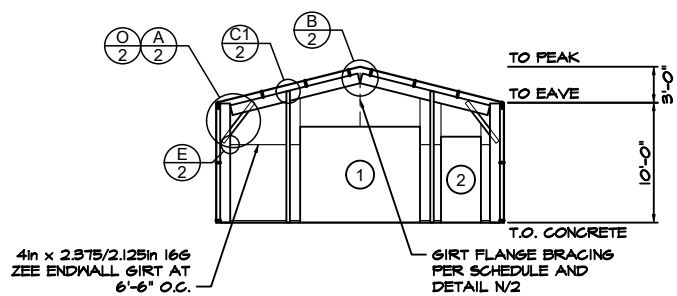
2 SIDEWALL 'A' EXTERIOR ELEVATION

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



3 SIDEWALL 'B' EXTERIOR ELEVATION

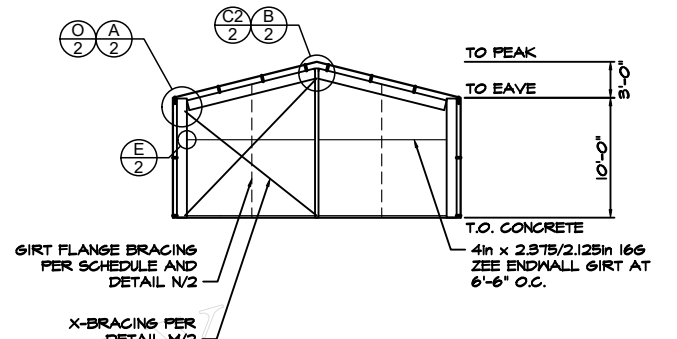
1 SCALE: 1/8" = 1'-0"



5 ENDWALL 'A' INTERIOR ELEVATION

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

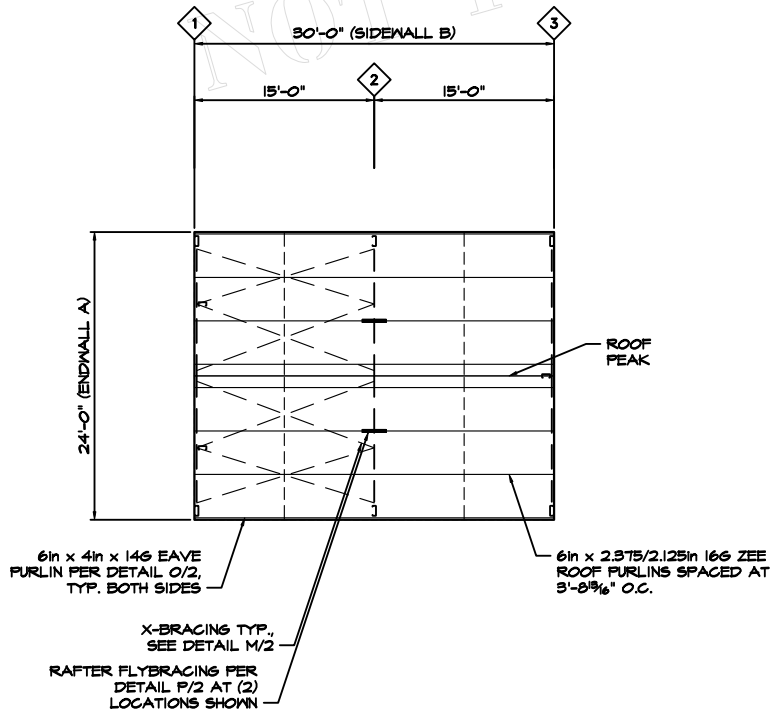
FRAME #1



4 ENDWALL 'B' INTERIOR ELEVATION

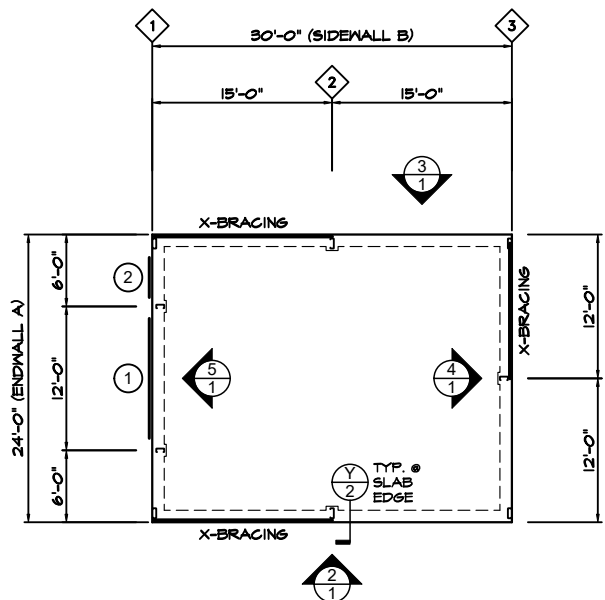
1 SCALE: 1/8" = 1'-0"

FRAME #3



6 ROOF FRAMING PLAN

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



1 FOUNDATION PLAN

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

NOTE: USE 1/2" X 3" DEWALT "SCREW-BOLT" ANCHOR IN 3 1/2" DEEP HOLES AT ANCHOR LOCATIONS PER BASE DETAIL F/2, INSTALLED PER ICC REPORT ESR-3889, SECTION 4.3.

NOTE: SEE "TYP. FRAME CROSS-SECTION" DETAIL ON SHEET 2 FOR SPECIFIC FRAME DETAIL INFORMATION.

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 48" 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.

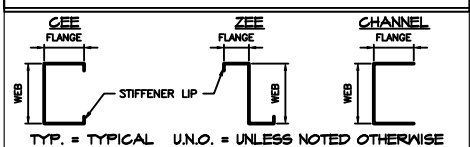
PROJECT DESIGN CRITERIA

GOVERNING CODE: IBC 2021
RISK CATEGORY: II
ROOF DEAD LOAD: 3 psf
ROOF COLLATERAL LOAD: 5 psf
GROUND SNOW LOAD: 5 psf
ROOF SNOW LOAD: 4.2 psf
ROOF LIVE LOAD: 20 psf (REDUCIBLE)
WIND ENCLOSURE: ENCLOSED
WIND SPEED: 105 mph
WIND EXPOSURE: C
Ss: 0.097
Sl: 0.054
SEISMIC DESIGN CATEGORY: B
R transverse: 4
R longitudinal: 4
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 & LONGITUDINAL: COLD-FORMED STEEL LIGHT FRAME STRAP BRACED WALL SYSTEMS (BASED ON AISI S400-20, SECTION E3)

COMPONENT DIAGRAM



WALL OPENING SCHEDULE

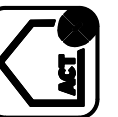
DOOR	WIDTH	HEIGHT	TYPE	HEADER GIRTS	JAMBS
1	10'-0"	8'-0"	ROLL UP DOOR	SEE NOTE #4	C4X2.5 X16
2	3'-4"	7'-2"	PERSONNEL DOOR	SEE NOTE #4	CHN4X 3X14

NOTES:
1) 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).
2) SEE DETAILS J/2 AND K/2 FOR OPENING FRAMING INFORMATION.
3) SIZE OF HEADER GIRTS TO BE SAME AS SIDEWALL OR ENDWALL GIRTS, AS APPROPRIATE, PER ELEVATIONS. AT WINDOWS, INSTALL HEADER GIRTS SPECIFIED ABOVE AND BELOW WINDOWS, U.N.O.
4) AT OPENINGS NOTED ATTACH DOOR JAMBS TO UNDERSIDE OF KNEE BRACE PER DETAIL L1/2, ENDWALL RAFTER PER DETAIL L2/2.
5) 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:
U100 DRIVE BAY

JOB ADDRESS:
1248 Market Center Drive
DALLAS, TX 75247

DRAWN

CHECKED

DATE

11/23/2025

JOB NO.

GRRQ1024689436

SHEET

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OF
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