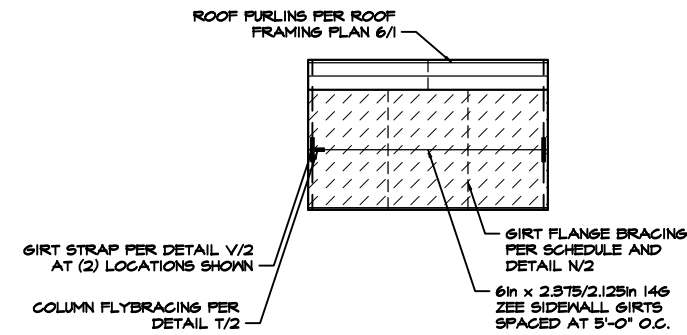
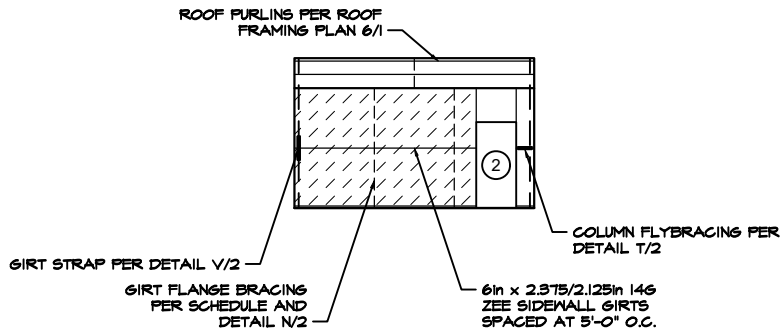
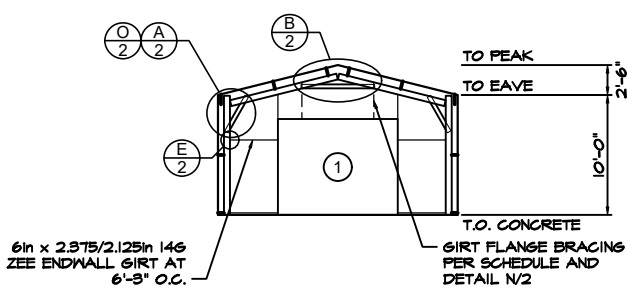




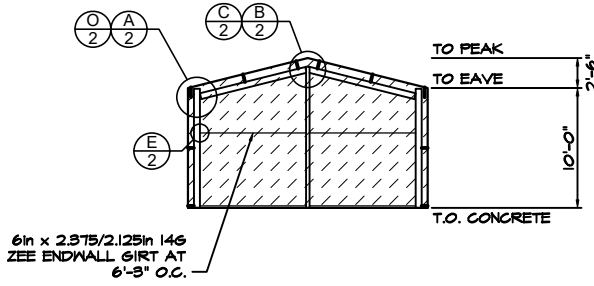
2
1
SIDEWALL 'A' EXTERIOR ELEVATION
SCALE: 1/8" = 1'-0"



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

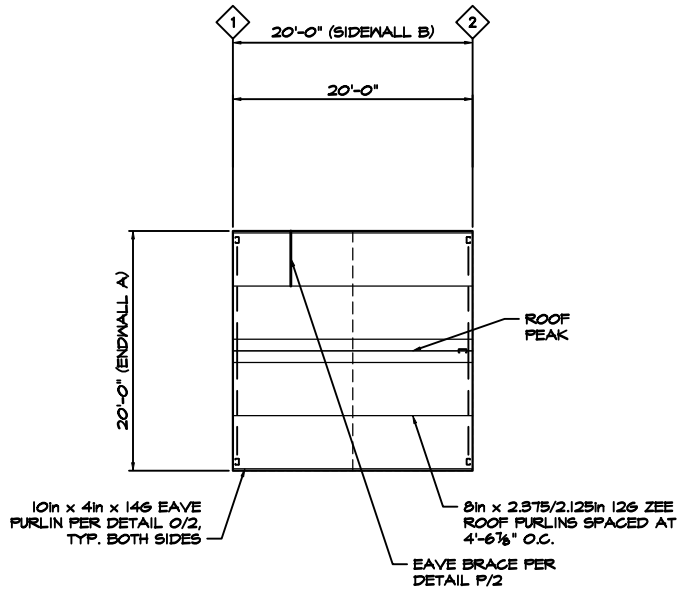


5
1
ENDWALL 'A' INTERIOR ELEVATION
SCALE: 1/8" = 1'-0"

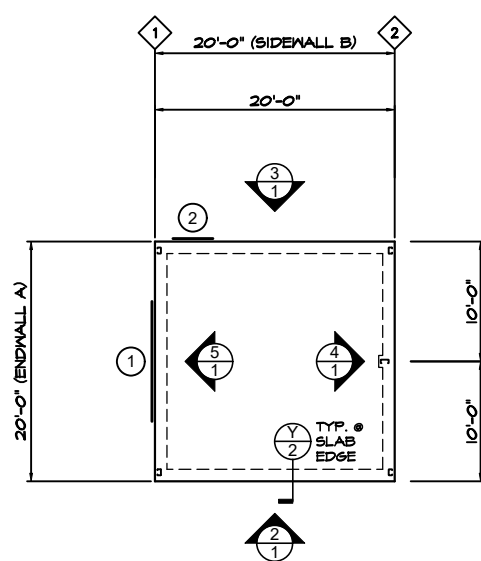


4
1
ENDWALL 'B' INTERIOR ELEVATION
SCALE: 1/8" = 1'-0"

PRELIMINARY ONLY
NOT FOR CONSTRUCTION



6
1
ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"



1
1
FOUNDATION PLAN
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: 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 47.65" 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:

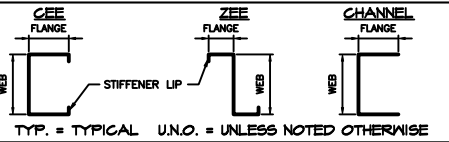
- CONSTRUCTION PACKAGE
- INSTALLATION MANUALS
- CONSTRUCTION VIDEOS

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: 3
R longitudinal: 3
SOIL BEARING PRESSURE: 1500 psf
Ct = 1.2
Sds: 0.103
Sdi: 0.086
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'-0"	8'-0"	ROLL UP DOOR	SEE NOTE #4	C6X2.5 X16
2	3'-4"	7'-2"	PERSONNEL DOOR	SEE NOTE #4	CHN6X 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 GIRT MEMBER TO BE SAME AS SIDEWALL OR ENDWALL GIRT, AS APPROPRIATE, PER ELEVATIONS. AT WINDOWS, INSTALL HEADER GIRT SPECIFIED ABOVE AND BELOW WINDOWS, U.N.O.
4) AT OPENINGS NOTED ATTACH DOOR JAMBS TO UNDERSIDE OF ENDWALL RAFTER OR EAVE PURLIN PER DETAIL L/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:
U400 SWITCHSHELL
JOB ADDRESS:
1248 Market Center Drive
DALLAS, TX 75247

DRAWN
CHECKED
DATE
11/23/2025
JOB NO.
GRRQ1024636316
SHEET
1
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1