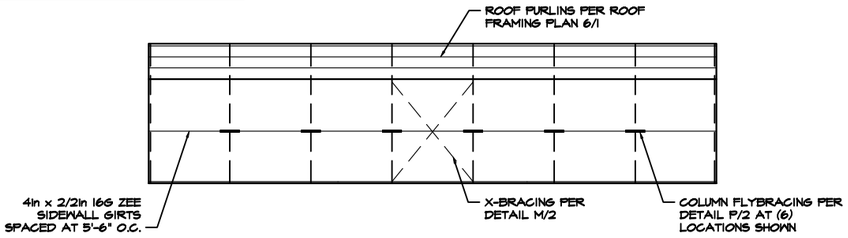
DIAPHRAGM SCHEDULE

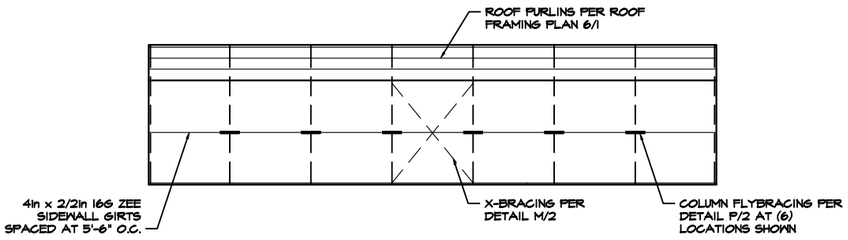
SHEETING IN DIAPHRAGM SECTIONS (SHOWN AS HATCHED AREA ON ELEVATIONS) NOT TO BE CUT UNDER ANY CIRCUMSTANCES

WALL	DISTANCE FROM WALL EDGE
Endwall 'A'	6.7'-10.0'
Endwall 'B'	0.0'-30.0'



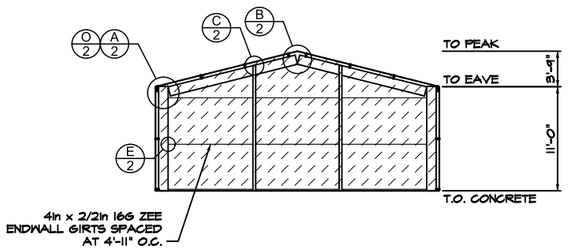
3/1 SIDEWALL 'B' EXTERIOR ELEVATION

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



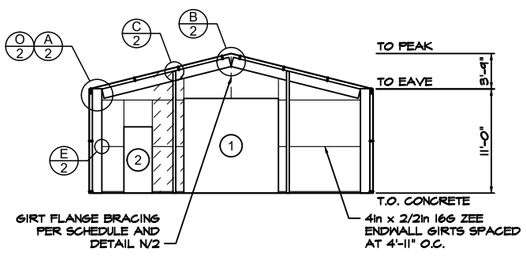
2/1 SIDEWALL 'A' EXTERIOR ELEVATION

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



4/1 ENDWALL 'B' INTERIOR ELEVATION

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

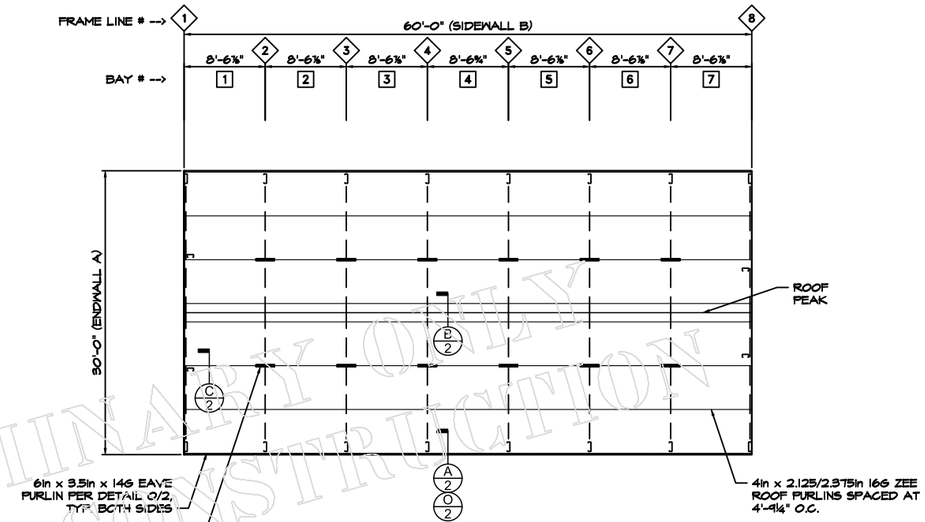


5/1 ENDWALL 'A' INTERIOR ELEVATION

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

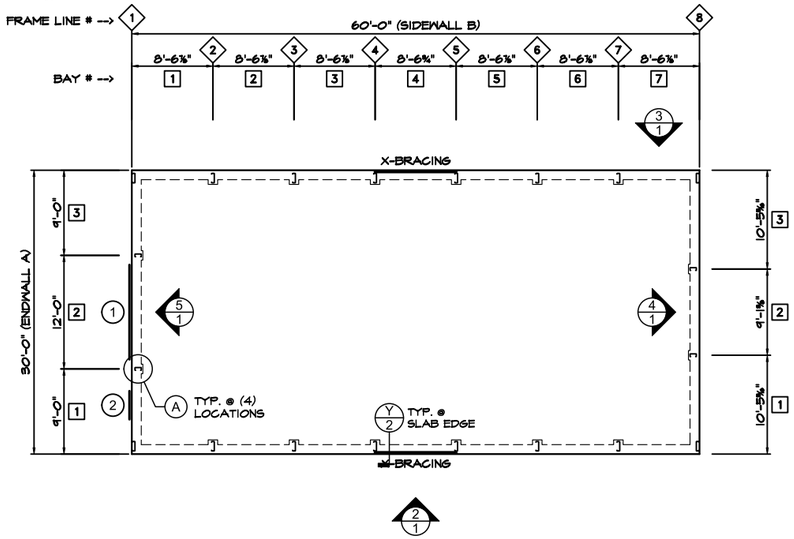
ROOF DIAPHRAGM NOTE

ROOF SHEETING IS USED AS DIAPHRAGM TO BRACE THE BUILDING AND IS NOT TO BE CUT UNDER ANY CIRCUMSTANCES



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

NOTE: EXCEPT AT DOOR OPENINGS, INSTALL L4x2x16G ANGLE TO FOUNDATION (FOR ATTACHMENT OF BOTTOM OF WALL SIDING) WITH 1/4in X 1 1/4in NAIL DRIVE MASONRY ANCHOR ANCHORS AT 18.0T" O.C. (6" MAX. FROM ANY END).

1/1 FOUNDATION PLAN

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

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

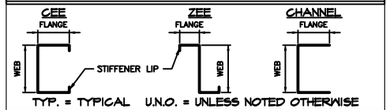
ROOF DEAD LOAD: 3 psf
ROOF COLLATERAL LOAD: 0 psf
GROUND SNOW LOAD: 50 psf Ct = 1.0
ROOF SNOW LOAD: 35 psf
ROOF LIVE LOAD: 20 psf
WIND SPEED: 106 mph
WIND EXPOSURE: C
Ss: 0.083 Sds: 0.089
S1: 0.046 Sd1: 0.074
SEISMIC DESIGN CATEGORY: A (for both periods)
R transverse: 3.0 R longitudinal: 3.0
RISK CATEGORY: II
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 - 12.18)
-- LONGITUDINAL: ORDINARY STEEL BRACED FRAME. (SEISMIC DESIGN IS PERFORMED USING THE SIMPLIFIED DESIGN PROCEDURE (ASCE 07-16, SECTION 12.14).

DESIGN BASE SHEAR: IS SHOWN ON CALCULATION SHEET M2.

COMPONENT DIAGRAM



FOUNDATION DETAIL KEYS

(A) ENDWALL COLUMN (SEE DETAIL C/2 FOR TOP CONNECTION AND G1/2 FOR BASE CONNECTION)

WALL OPENING SCHEDULE

DOOR	WIDTH	HEIGHT	OPENING TYPE	HEADER GIRT	OPENING JAMBS
1	10'-0"	10'-0"	SECTIONAL DOOR	SEE NOTE #4	C4X2.5 X16
2	3'-0"	7'-0"	PERSONNEL DOOR	SINGLE	CHN4X 2X16

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, INSTEAD OF ATTACHING DOOR JAMBS TO HEADER GIRT PER DETAIL L1/2 ATTACH DOOR JAMBS TO UNDERSIDE OF 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

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

ACT BUILDING SYSTEMS®

DISTRIBUTOR:
JOB NAME: Toro Steel Buildings
JOB ADDRESS: Toro Steel Buildings 801 Broadway ave nw Grand Rapids, MI 49504

DRAWN

CHECKED

DATE 6/18/2024

JOB NO. VNUJ97237062

SHEET 1 OF 1