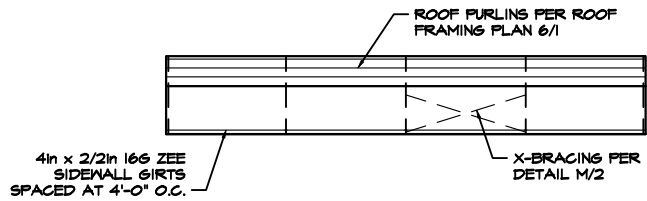
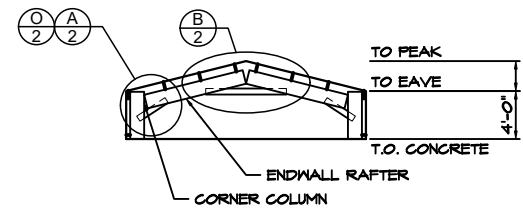


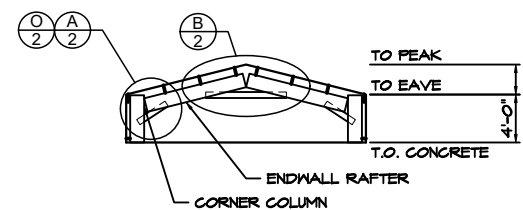
2
1 **SIDEWALL 'A' EXTERIOR ELEVATION**
SCALE: 1/8" = 1'-0"



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 #5

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.

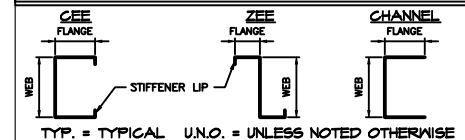
PROJECT DESIGN CRITERIA

GOVERNING CODE: IBC 2021
RISK CATEGORY: II
ROOF DEAD LOAD: 3 psf
ROOF COLLATERAL LOAD: 2 psf
GROUND SNOW LOAD: 60 psf $C_t = 1.2$
ROOF SNOW LOAD: 50.4 psf
ROOF LIVE LOAD: 20 psf (REDUCIBLE)
WIND ENCLOSURE: ENCLOSED
WIND SPEED: 106 mph
WIND EXPOSURE: C
Ss: 0.086 Sds: 0.042
Sl: 0.047 Sdl: 0.075
SEISMIC DESIGN CATEGORY: B
R transverse: 3 R longitudinal: 3

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

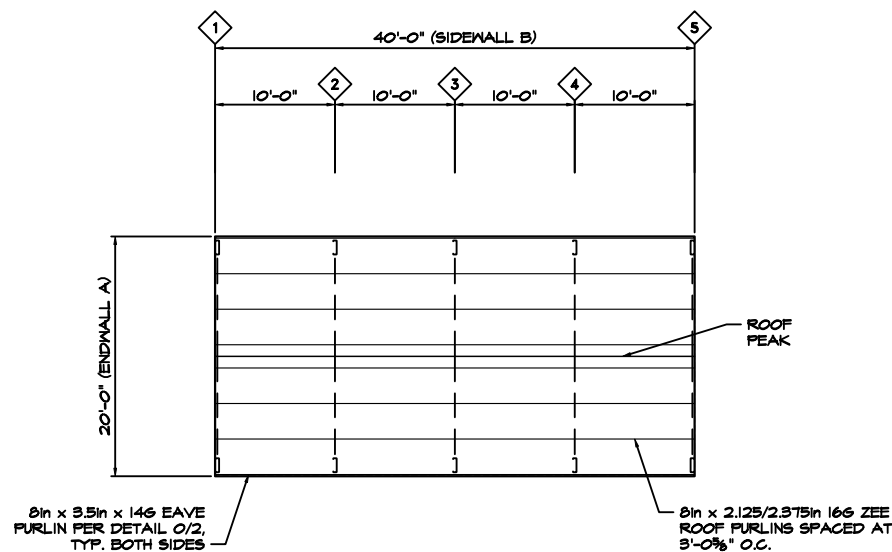
SEISMIC DESIGN OF LATERAL FORCE-RESISTING SYSTEMS ARE AS FOLLOWS:
-- TRANSVERSE: ORDINARY STEEL MOMENT FRAME (SEISMIC DESIGN IS BASED ON ASCE 07-16, SECTIONS 12.1 - 12.13)
-- LONGITUDINAL: ORDINARY STEEL BRACED FRAME. (SEISMIC DESIGN IS PERFORMED USING THE SIMPLIFIED DESIGN PROCEDURE (ASCE 07-16, SECTION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

COMPONENT DIAGRAM

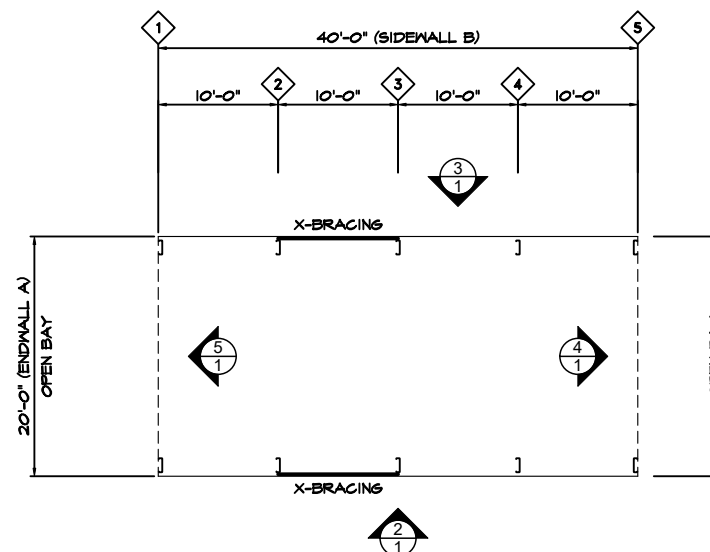


DEFLECTION LIMITS

FURLINS:	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"



1
1 **BUILDING LAYOUT PLAN**
SCALE: 1/8" = 1'-0"

NOTE: DESIGN OF CONCRETE FOUNDATION TO SUPPORT BUILDING SHOWN IS TO BE PROVIDED BY OTHERS.
BRAND, TYPE, AND EMBEDMENT OF ANCHORAGE OF BUILDING COMPONENTS TO CONCRETE REFER TO COLUMN BASE DETAILS FOR ANCHOR LOCATIONS AND DIAMETER

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

PRELIMINARY
ONLY NOT FOR
CONSTRUCTION



ACTBUILDING
SYSTEMS®

DISTRIBUTOR:
Toro Steel Buildings
JOB NAME:
20x40 Container Cover
JOB ADDRESS:
801 Broadway avenue
Grand Rapids, MI 49504

DRAWN

CHECKED

DATE
11/19/2025

JOB NO.
VNUJ1022888411

SHEET

1
OF
1