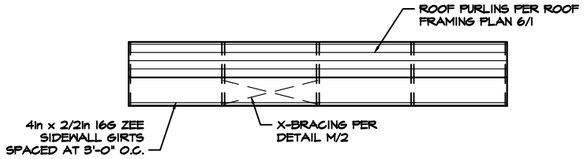
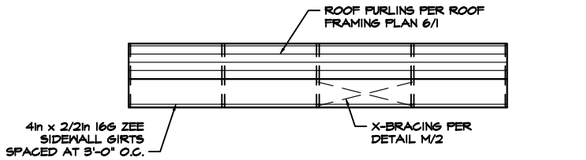


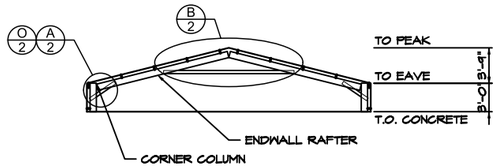
2/1 SIDEWALL 'A' EXTERIOR ELEVATION

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



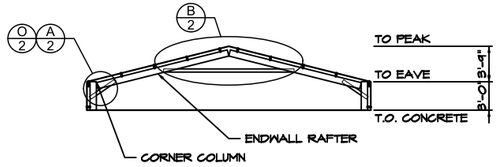
3/1 SIDEWALL 'B' EXTERIOR ELEVATION

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

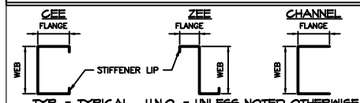
ROOF DEAD LOAD: 3 psf
ROOF COLLATERAL LOAD: 0 psf
GROUND SNOW LOAD: 50 psf Ct = 1.2
ROOF SNOW LOAD: 42 psf
ROOF LIVE LOAD: 20 psf
WIND SPEED: 115 mph
WIND EXPOSURE: C
Ss: 0.070 Sds: 0.075
S1: 0.043 Sd1: 0.069
SEISMIC DESIGN CATEGORY: A (for both periods)
R transverse: 3.0 R longitudinal: 3.0
RISK CATEGORY: II

WIND DESIGN OF LATERAL FORCE-RESISTING SYSTEMS IS BASED ON THE DIRECTIONAL DESIGN PROCEDURE OF ASCE 7-10, CHAPTER 27.

SEISMIC DESIGN OF LATERAL FORCE-RESISTING SYSTEMS ARE AS FOLLOWS:
-- TRANSVERSE: ORDINARY STEEL MOMENT FRAME (SEISMIC DESIGN IS BASED ON ASCE 07-10, SECTIONS 12.1 - 12.18)
-- LONGITUDINAL: ORDINARY STEEL BRACED FRAME. (SEISMIC DESIGN IS PERFORMED USING THE SIMPLIFIED DESIGN PROCEDURE (ASCE 07-10, SECTION 12.14).

DESIGN BASE SHEAR: IS SHOWN ON CALCULATION SHEET M2.

COMPONENT DIAGRAM

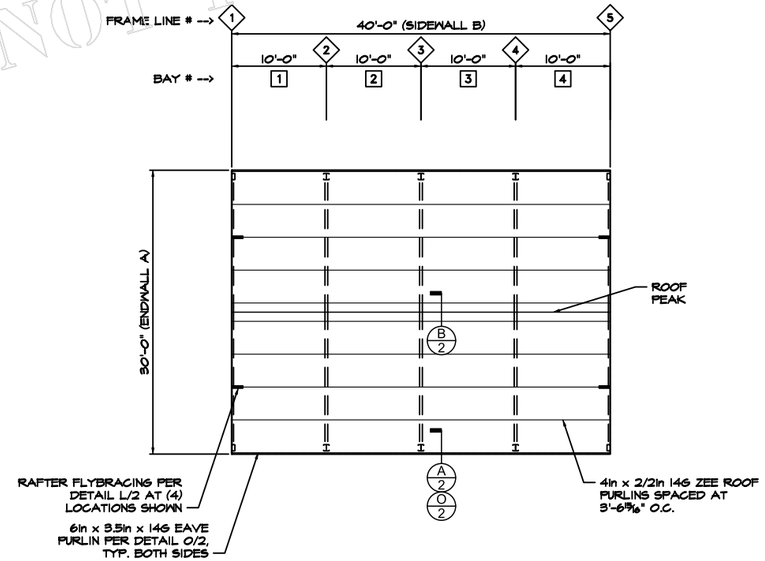


TYP. = TYPICAL U.N.O. = UNLESS NOTED OTHERWISE

DEFLECTION LIMITS

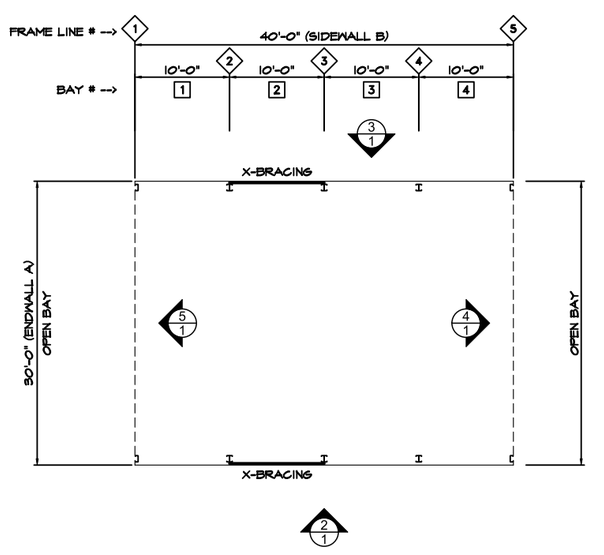
PURLINS:	L/150 (STD)
GIRTS:	L/90 (STD)
EW WIND COLUMNS:	L/120 (STD)
WALL PANEL:	L/60 (STD)

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"



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

DRAWN
CHECKED
DATE 6/18/2024
JOB NO. VNUJ97231670
SHEET 1 OF 1