

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

NOTE: USE 1/2" X 3" DEWALT SCREW-BOLT-ANCHOR IN 3/4" DEEP HOLES AT ANCHOR LOCATIONS PER BASE DETAIL F/4, INSTALLED PER ICG REPORT ESR-3089, SECTION 4.3.

NOTE: SEE "TYP. FRAME CROSS-SECTION" DETAIL ON SHEET 4 FOR SPECIFIC FRAME DETAIL INFORMATION.

NOTE: EXCEPT AT DOOR OPENINGS, INSTALL L4x2x1/8 ANGLE TO FOUNDATION (FOR ATTACHMENT OF BOTTOM OF WALL SIDING) WITH 1/4in X 1/4in NAIL DRIVE MASONRY ANCHOR 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**

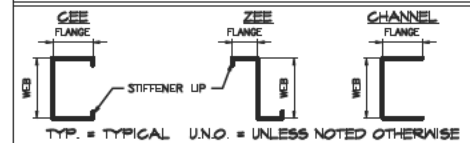


WIND DESIGN OF LATERAL FORCE-RESISTING SYSTEMS IS BASED ON THE DIRECTIONAL DESIGN PROCEDURE OF ASCE 7-16, CHAPTER 27.

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 - 12.9)  
 - 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/4 FOR TOP CONNECTION AND 6/4 FOR BASE CONNECTION)

**WALL OPENING SCHEDULE**

DOOR	WIDTH	HEIGHT	OPENING TYPE	HEADER GIRT	OPENING JAMBS
(1-2)	12'-0"	14'-0"	SECTIONAL DOOR	DOUBLE	C6X8.5 X12
(3)	3'-0"	7'-0"	PERSONNEL DOOR	SINGLE	CHN6X 2X14

- 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/4 AND K/4 AND L/4 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) 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:  
**Toro Steel Buildings**  
 JOB NAME:  
**Toro Steel Buildings**  
 JOB ADDRESS:  
 801 Broadway Avenue NW  
 Grand Rapids, MI 49504

DRAWN

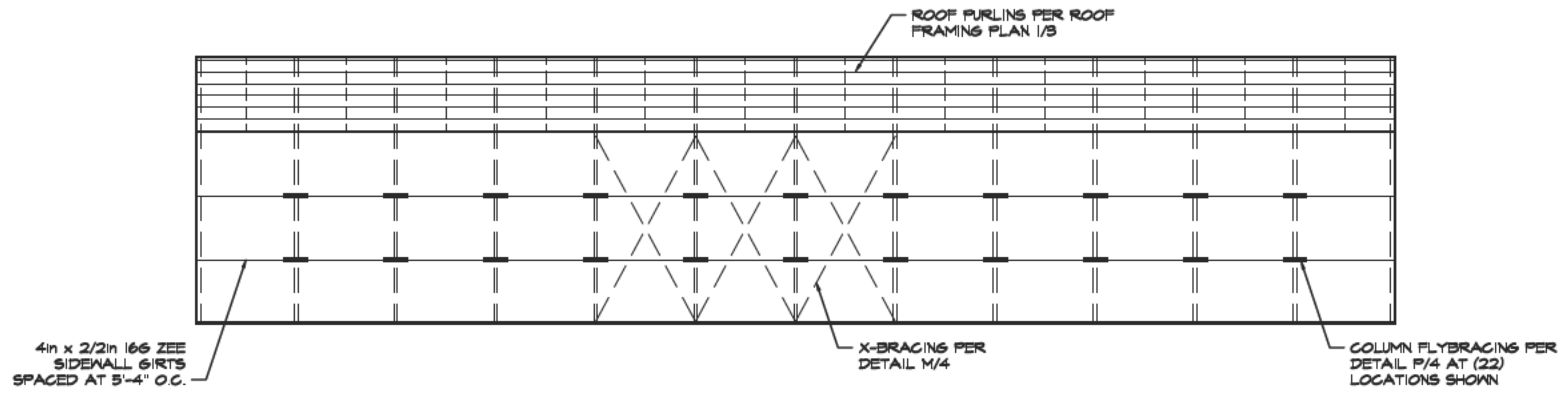
CHECKED

DATE  
10/29/2024

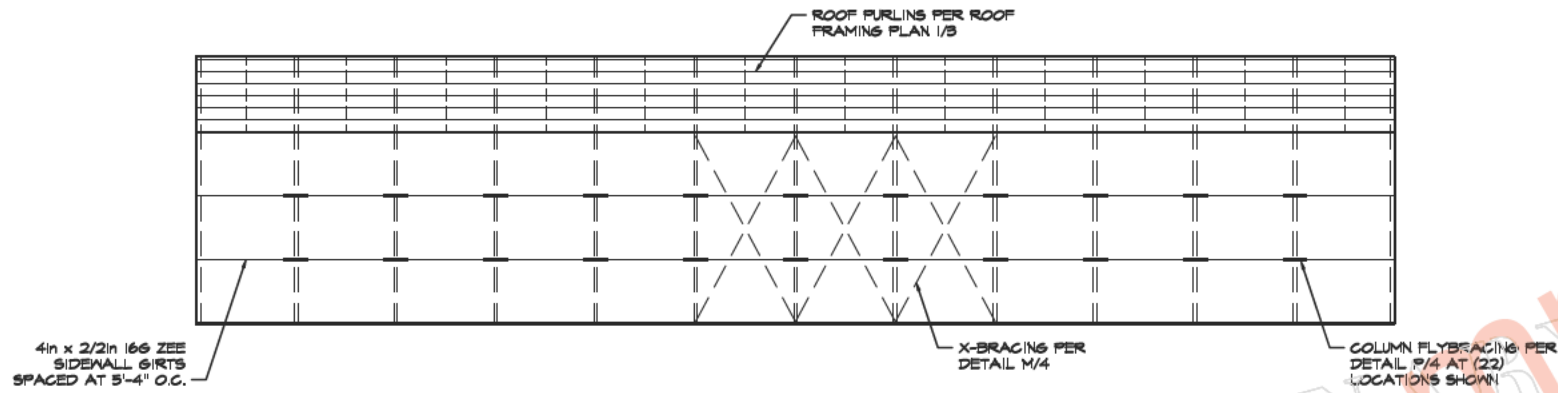
JOB NO.  
VNUJ98563015

SHEET

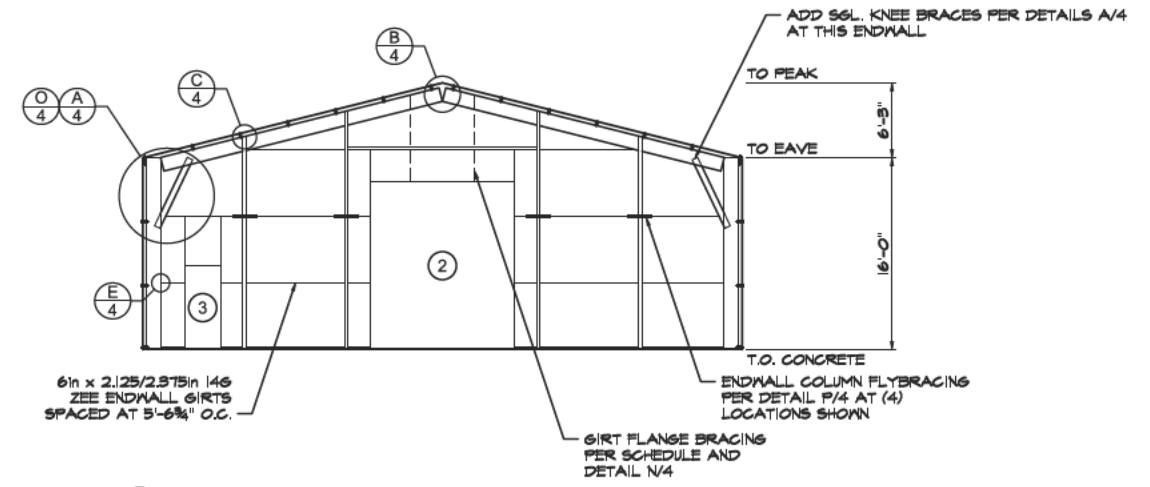
1  
OF  
3



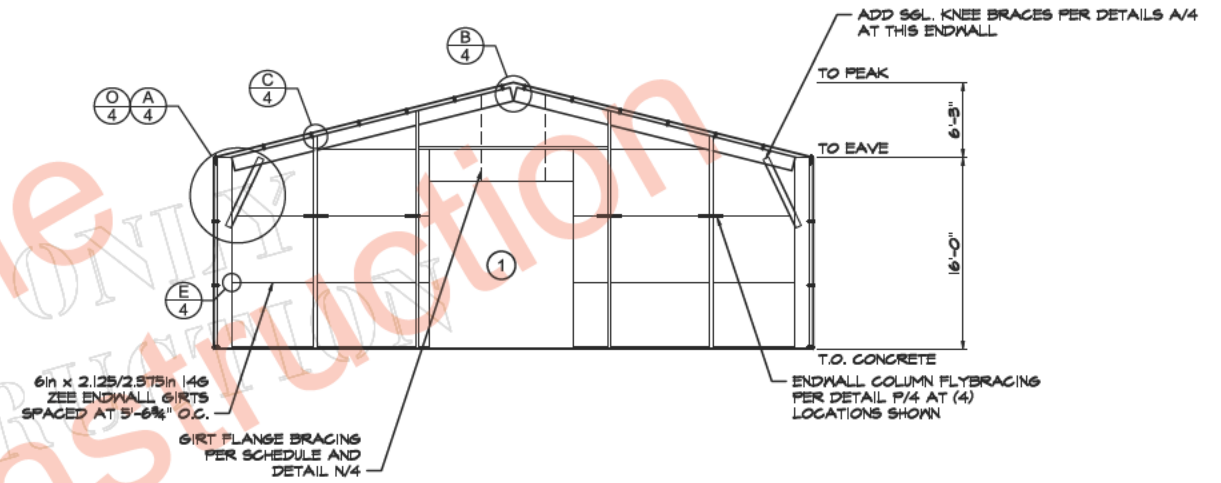
1 **SIDEWALL 'A' EXTERIOR ELEVATION**  
 2 SCALE: 1/8" = 1'-0"



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



4 **ENDWALL 'A' INTERIOR ELEVATION**  
 2 SCALE: 1/8" = 1'-0" FRAME #1



3 **ENDWALL 'B' INTERIOR ELEVATION**  
 2 SCALE: 1/8" = 1'-0" FRAME #1B

PRELIMINARY ONLY  
 NOT FOR CONSTRUCTION  
 Not For Construction

PRELIMINARY  
 ONLY NOT FOR  
 CONSTRUCTION

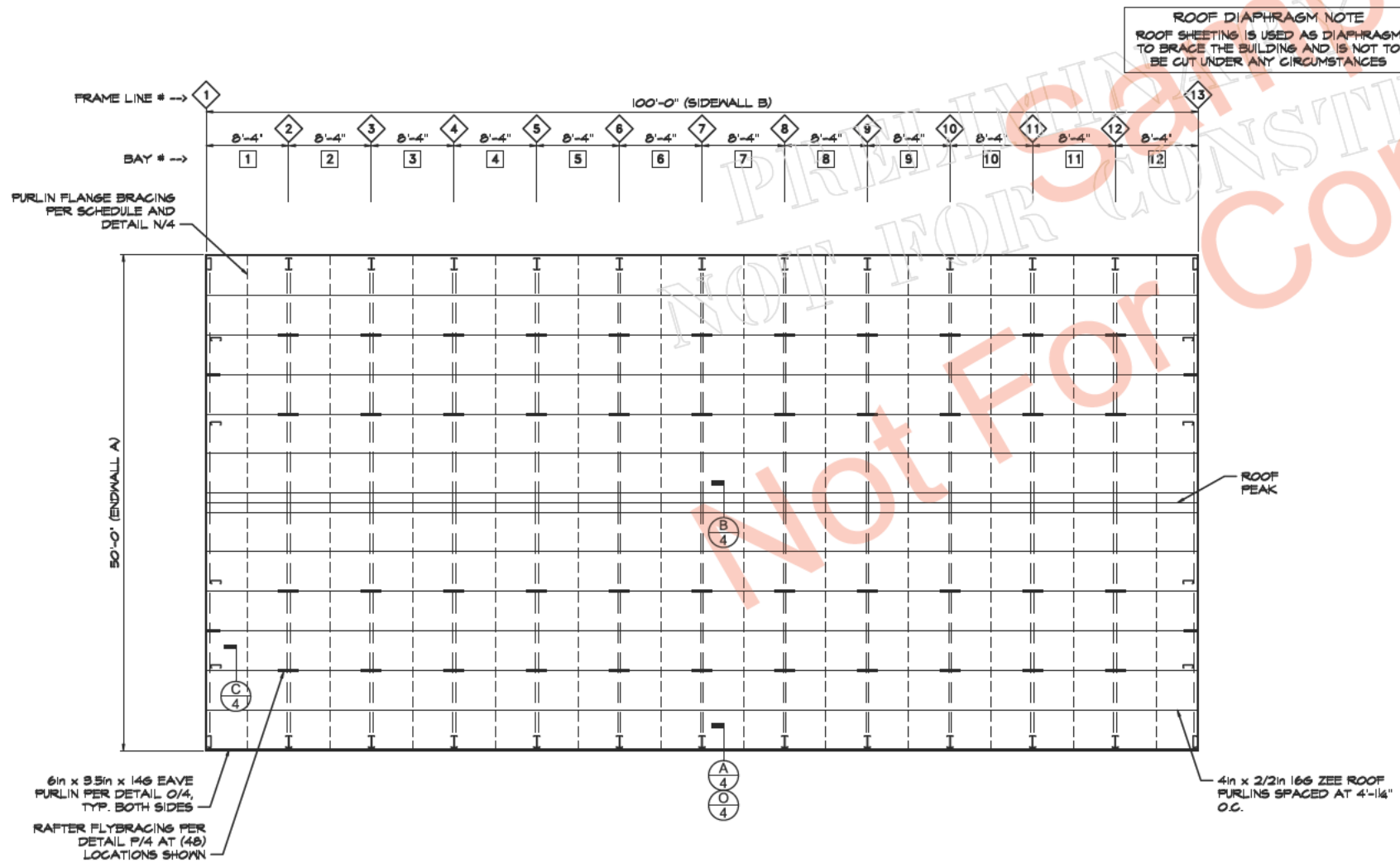


**ACTBUILDING**  
 SYSTEMS®

DISTRIBUTOR: Toro Steel Buildings  
 JOB NAME: Toro Steel Buildings  
 JOB ADDRESS: 801 Broadway Avenue NW  
 Grand Rapids, MI 49504

DRAWN  
 CHECKED  
 DATE 10/29/2024  
 JOB NO. VNUJ98563015

SHEET  
 2  
 OF  
 3



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

PRELIMINARY  
 ONLY NOT FOR  
 CONSTRUCTION



ACTBUILDING  
 SYSTEMS®

DISTRIBUTOR: Toro Steel Buildings  
 JOB NAME: Toro Steel Buildings  
 JOB ADDRESS: 801 Broadway Avenue NW  
 Grand Rapids, MI 49504

DRAWN

CHECKED

DATE 10/29/2024

JOB NO. VNUJ98563015

SHEET

3 OF 3