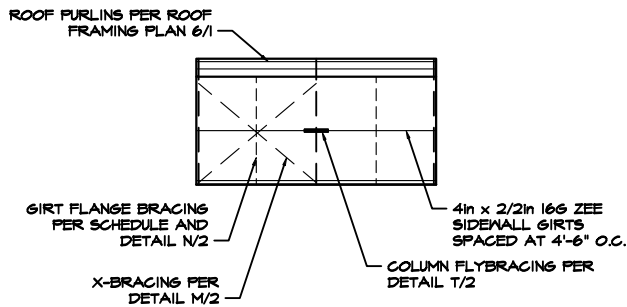
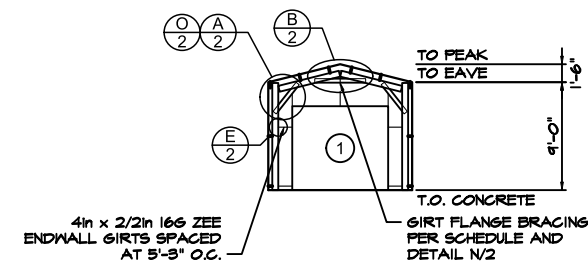


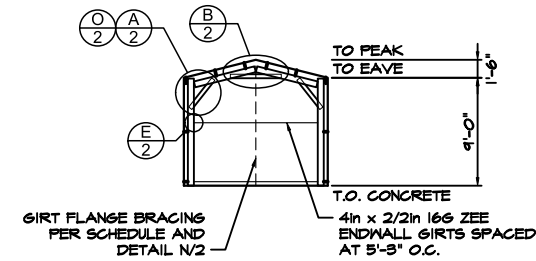
2 SIDEWALL 'A' EXTERIOR ELEVATION
1 SCALE: 1/8" = 1'-0"



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



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



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

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

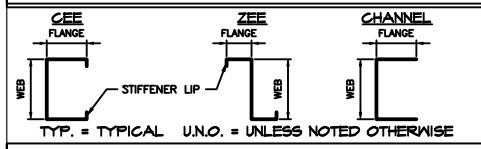
ROOF DEAD LOAD: 3 psf
 ROOF COLLATERAL LOAD: 0 psf
 GROUND SNOW LOAD: 35 psf Ct = 1.0
 ROOF SNOW LOAD: 24.5 psf
 ROOF LIVE LOAD: 20 psf
 WIND SPEED: 115 mph
 WIND EXPOSURE: C
 Ss: 0.070 Sds: 0.075
 S1: 0.043 Sd1: 0.069
 SEISMIC DESIGN CATEGORY: A (for both periods)
 R transverse: 3.0 R longitudinal: 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 - 12.13)
 -- 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



WALL OPENING SCHEDULE

DOOR	WIDTH	HEIGHT	OPENING TYPE	HEADER GIRTS	OPENING JAMBS
1	8'-0"	7'-0"	SECTIONAL DOOR	SEE NOTE #4	C4X2.5 X16
2	3'-0"	7'-0"	PERSONNEL DOOR	SEE NOTE #4	CHN4X 2X16

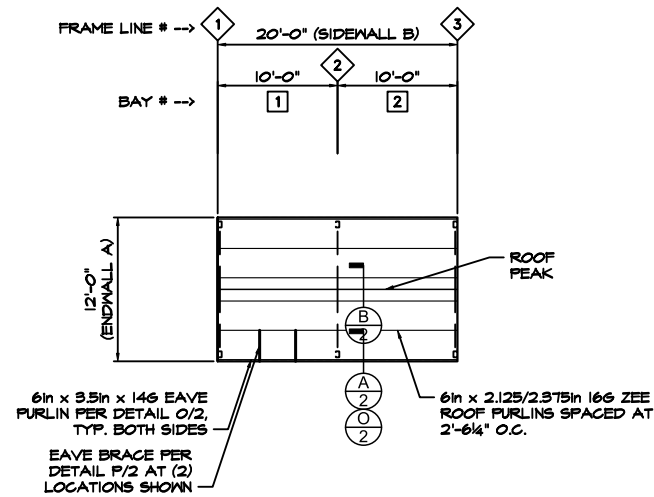
NOTES:
 1) JAMB MEMBERS SHOWN AS 'CHN' ARE CHANNEL MEMBERS (WITHOUT STIFFENER LIPS) AND THOSE SHOWN AS 'C' ARE CEE MEMBERS. FIRST NUMBER IS WEB DEPTH IN INCHES, SECOND NUMBER IS FLANGE WIDTH IN INCHES, AND THIRD NUMBER IS MATERIAL THICKNESS (GAUGE).
 2) SEE DETAILS J/2 AND K/2 FOR OPENING FRAMING INFORMATION.
 3) SIZE OF HEADER GIRTS MEMBER TO BE SAME AS SIDEWALL OR ENDWALL GIRTS, AS APPROPRIATE, PER ELEVATIONS. AT WINDOWS, INSTALL HEADER GIRTS SPECIFIED ABOVE AND BELOW WINDOWS, U.N.O.
 4) AT OPENINGS NOTED ATTACH DOOR JAMBS TO UNDERSIDE OF KNEE BRACE PER DETAIL L1/2, EAVE FURLIN 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

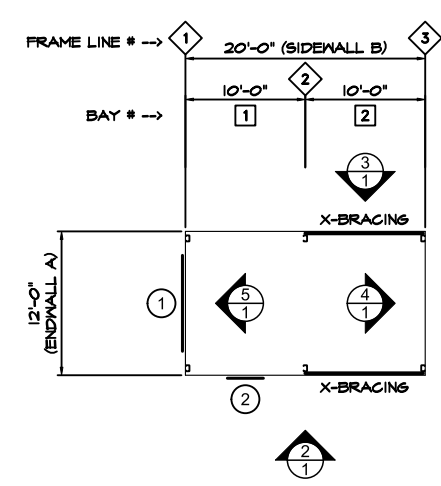
FURLINS:	L/150 (STD)
GIRTS:	L/90 (STD)
EW WIND COLUMNS:	L/120 (STD)
WALL PANEL:	L/60 (STD)

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



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



1 BUILDING LAYOUT PLAN
1 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.

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ACTBUILDING
SYSTEMS®

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

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 JOB NO.: VNUJ97233012
 SHEET: 1 OF 1