Steel 801 Franc 010 010

IOB

VNUJ97238576

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

ROOF PURLINS PER ROOF FRAMING PLAN 6/1

COLUMN FLYBRACING PER

DETAIL T/2

GIRT FLANGE BRACING

MALL DISTANCE FROM MALL EDGE idemail 'A' 0.0'-16.5' | 4.5'-24.0' 0.0'-24.0'

SIDEWALL GIRTS PER SCHEDULE AND SPACED AT 5'-O" O.C.  $^{m{2}}$  sidemall 'a' exterior elevation

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

4in x 2/2in 166 ZEE

ROOF PURLINS PER ROOF

GIRT STRAP PER DETAIL V/2

AT (2) LOCATIONS SHOWN

GIRT EL ANGE BRACING - COLUMN FLYBRACING PER PER SCHEDULE AND DETAIL N/2 -4in x 2/2in 166 ZEE SIDEWALL GIRTS SPACED AT 5'-0" O.C.

SIDEMALL 'B' EXTERIOR ELEVATION

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

ENDWALL 'A' INTERIOR ELEVATION

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

6in x 2.125/2.375in 14G ZEE ENDWALL GIRT AT

TO PEAK

TO EAVE

T.O. CONCRETE

- GIRT FLANGE BRACING PER SCHEDULE AND

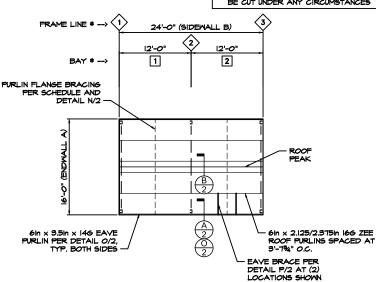
DETAIL N/2

TO PEAK TO EAVE T.O. CONCRETE 6in x 2.125/2.375in 146 ZEE ENDWALL GIRT AT GIRT FLANGE BRACING PER SCHEDULE AND

4 ENDWALL 'B' INTERIOR ELEVATION

PRIMITE CONSTRUCTOR

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



ROOF FRAMING PLAN

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

FRAME LINE # -> (1) 24'-0" (SIDEWALL B) BAY # ---1 2 (1) TYP. 6 SLAB EDGE

NOTE: USE 1/2" X 3" DEWALT 'SCREW-BOLT+' ANCHOR IN 31/2" DEEP HOLES AT ANCHOR LOCATIONS PER BASE DETAIL F/2, INSTALLED PER ICC REPORT ESR-3889,

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

NOTE: EXCEPT AT DOOR OPENINGS, INSTALL L4x2x16G ANGLE TO I/4in NAIL DRIVE MASONRY ANCHOR ANCHORS AT 48" O.C. (6" MAX. FROM ANY END).

FOUNDATION (FOR ATTACHMENT OF BOTTOM OF WALL SIDING) WITH 1/4in X I

FOUNDATION PLAN

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

## 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

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

IMPORTANT: IN ADDITION TO THESE

YOU SHOULD HAVE THE FOLLOWING FROM

- CONSTRUCTION PACKAGE

HAVE NOT RECEIVED THESE PRIOR TO

5ds: 0.075

Sdl: 0.069

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

- INSTALLATION MANUALS

- CONSTRUCTION VIDEOS

ACT BUILDING SYSTEMS:

STARTING CONSTRUCTION.

ROOF COLLATERAL LOAD: O psi

GROUND SNOW LOAD: 35 psf

ROOF SNOW LOAD: 24.5 pst ROOF LIVE LOAD: 20 ps

SEISMIC DESIGN CATEGORY: A (for both periods)

R transverse: 3.0 R longitudinal: 3.0

SOIL BEARING PRESSURE: 1500 psf

WIND SPEED: 115 mph WIND EXPOSURE: C

RISK CATEGORY: II

Ss: 0.070

SI: 0.043

ROOF DEAD LOAD: 3 psi

PLANS (WHICH ALWAYS TAKE PRECEDENCE),

## WALL OPENING SCHEDULE

DOOR	MIDTH	HEIGHT	OPENING TYPE	HEADER GIRT	OPENING JAMBS
1	8'-0"	8'-0"	SECTIONAL DOOR	SEE NOTE #4	C6X3.5 XI6
2	3'-0"	7'-0"	PERSONNEL DOOR	SEE NOTE #4	CHN4X 2XI6

) JAMB MEMBERS SHOWN AS "CHN" ARE CHANNEL MEMBERS (NITHOUT STIFFENER LIPS) AND THOSE SHOWN AS "C" ARE CEE MEMBERS, FIRST NUMBER IS WEB DEPTH IN INCHES, SECOND NUMBER IS FLANGE MIDTH IN INCHES, AND THIRD NUMBER IS MATERIAL THICKNESS (GAUGE).

2) SEE DETAILS  $\mbox{\it J/2}$  AND  $\mbox{\it K/2}$  FOR OPENING FRAMING INFORMATION.

3) SIZE OF HEADER GIRT MEMBER TO BE SAME AS SIDEMALL OR ENDWALL GIRT, AS APPROPRIATE, PER ELEVATIONS. AT WINDOWS, INSTALL HEADER GIRT SPECIFIED ABOVE AND BELOW WINDOWS, U.N.O. 4) AT OPENINGS NOTED ATTACH DOOR JAMBS TO UNDERSIDE OF ENDWALL RAFTER OR EAVE PURLIN PER DETAIL L/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

## **DEFLECTION LIMITS**

PURLINS:	L/150 (STD)
GIRTS:	L/90 (STD)
EM WIND COLUMNS:	L/I20 (STD)
WALL PANEL:	L/60 (STD)