

GENERAL NOTES

- ALL MATERIAL AND WORKMANSHIP SHALL CONFORM WITH THE REQUIREMENTS OF THE LATEST REVISION OF THE IBC 2015 DESIGN ACCORDING TO AISI-S100-12, NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS, AND WITH ANSI/ASCE 7-10
- NO LOADS OTHER THAN THOSE GIVEN UNDER "ARCH DESIGN DATA" BESIDE SHALL BE IMPOSED ON THE "STRUCTURE"
- SPECIFIC NOTES AND DETAILS SHOWN ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER THE BUILDING MANUAL SUPPLIED

4. THE STRUCTURAL DESIGN OF THIS BUILDING IS BASED ON ASSEMBLY IN EXACT ACCORDANCE WITH THESE PLANS. FAILURE TO FOLLOW THESE PLANS SHALL BE THE SOLE RESPONSIBILITY OF THE ERECTOR.

5. A PROFESSIONAL ENGINEER SHOULD BE RETAINED WHERE SITE INSPECTIONS ARE WARRANTED.

6. NO COMPONENTS MAY BE CUT OR MODIFIED UNLESS IT IS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND/OR THIS DRAWING.

7. MINIMUM SEPARATION FROM THIS BUILDING TO ANY TALLER BUILDING MUST BE THE SMALLER OF 20FT OR 6 TIMES THE HEIGHT DIFFERENCE.

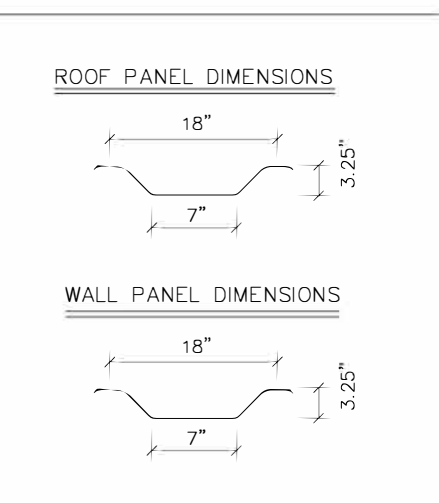
FOUNDATION NOTES

NOTE: THE FOUNDATION ON THE DRAWING SPECIFIES THE MINIMUM REQUIREMENTS. LOCAL BUILDING CODE AND SITE CONDITIONS MAY REQUIRE A STRONGER FOUNDATION, WHICH MUST BE DESIGNED BY A LOCAL ENGINEER.

- THE FOUNDATION SHALL BE FOUNDED ON NATURAL UNDISTURBED SOIL CAPABLE OF SAFELY SUSTAINING 1500 psf. THIS SHALL BE DESIGNED TO FULLY RESIST ALL ROTATION AT THE BASE OF THE ARCH.
- SLAB ON GRADE SHALL BE PLACED ON WELL COMPACTED SOIL CAPABLE OF SUSTAINING 1500 psf WITHOUT APPRECIABLE SETTLEMENT.

DESIGN DATA (MATERIALS)

- CONCRETE F_c = 2500 PSI @ 28 DAYS ACI
- REINFORCING STEEL GRADE 40, F_y = 40 KSI, ASTM A615
- W.W.R. F_y = 65 KSI, ASTM A185.
- W.W.R. 6 x 6 - W1.4 x W1.4



BOLTS: SAE GRADE 2 OR ASTM A307
 ENDWALL STEEL THICKNESS = 1.02 mm
 ROOF STEEL THICKNESS = 1.02 mm
 SIDEWALL STEEL THICKNESS = 1.02 mm

GALVALUME SHEET STEEL:
 STRUCTURAL QUALITY ASTM SPECIFICATION A792-06 @ 55% ALUMINUM-ZINC ALLOY (HOT DIP COATING)
 ASTM A792 GRADE 50A
 50 KSI MINIMUM YIELD
 65 KSI MINIMUM TENSILE

OTHER SECTIONS SHALL CONFORM TO:
 ASTM 36 (F_y=36 KSI)

ARCH DESIGN DATA IN ACCORDANCE WITH ANSI/ASCE 7-10:
 Lr: ROOF LIVE LOAD (PSF) = 40
 Pg: GROUND SNOW LOAD (PSF) = 65
 Ce: EXPOSURE FACTOR = 1.0
 Ct: THERMAL FACTOR = 1.0
 I: IMPORTANCE FACTOR (SNOW) = 0.8
 CATEGORY 1 BUILDING

P_{net}: COMPONENT WIND PRESSURE (PSF) = +/- 67
 V: BASIC WIND SPEED (MPH) = 190
 K_t: VELOCITY PRESSURE EXPOSURE = 0.85
 WIND EXPOSURE FACTOR = C
 SEISMIC DESIGN CATEGORY = B

ENGINEER'S SEAL:

LEGAL NOTE

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SCALE: N.T.S. APPROVED BY: P.G. CHECKED BY: A.G. DATE: JAN. 23 2018

PROJECT: NAME ADDRESS

MODEL: E20-12-24 DWG: 18-0000