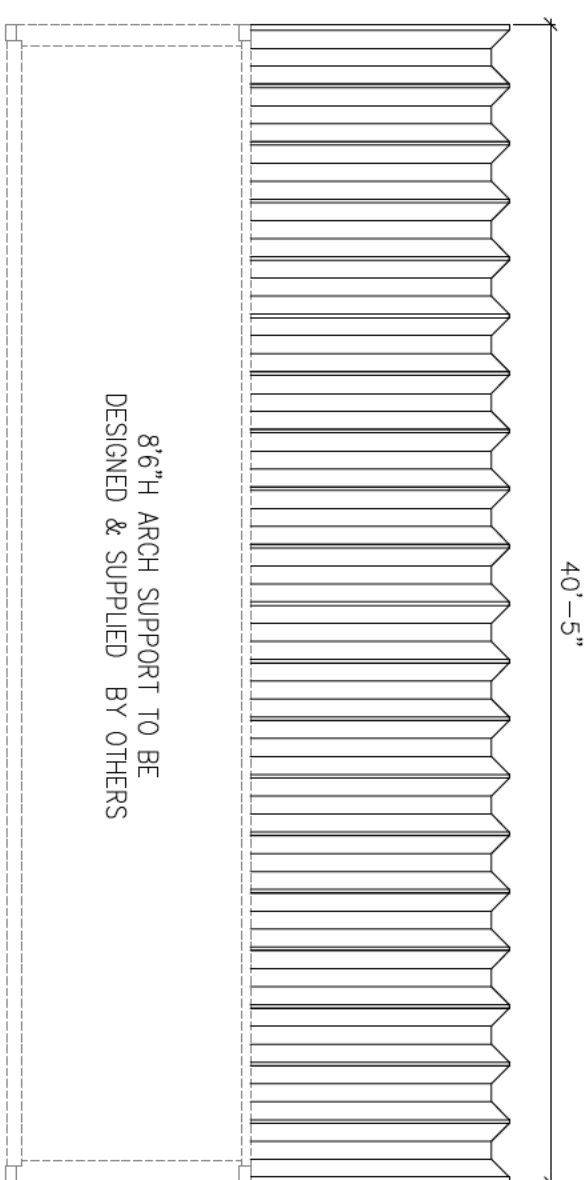
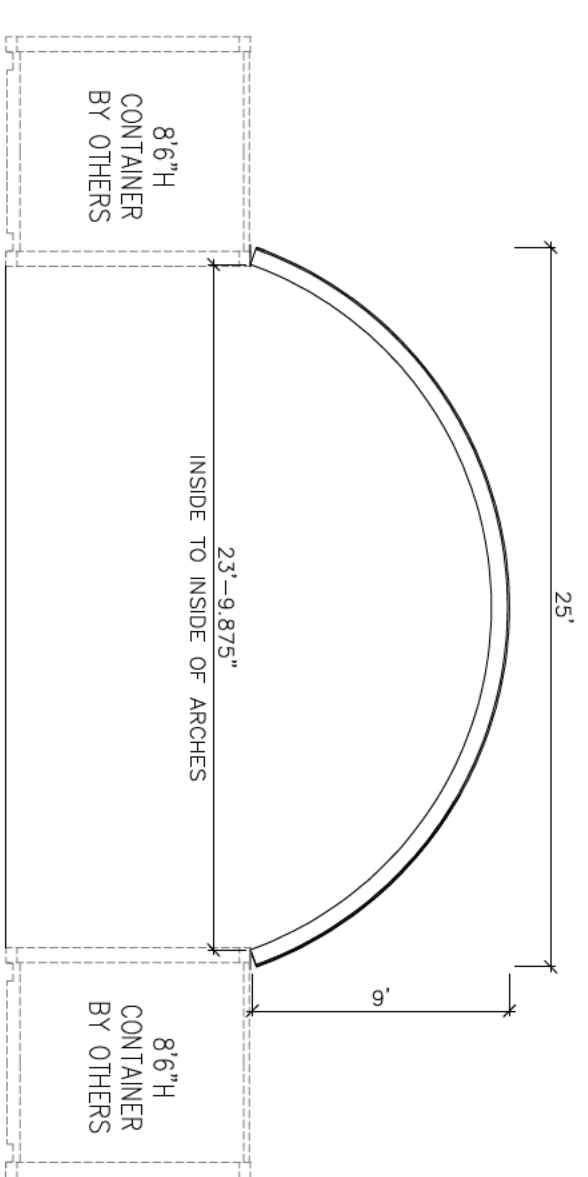


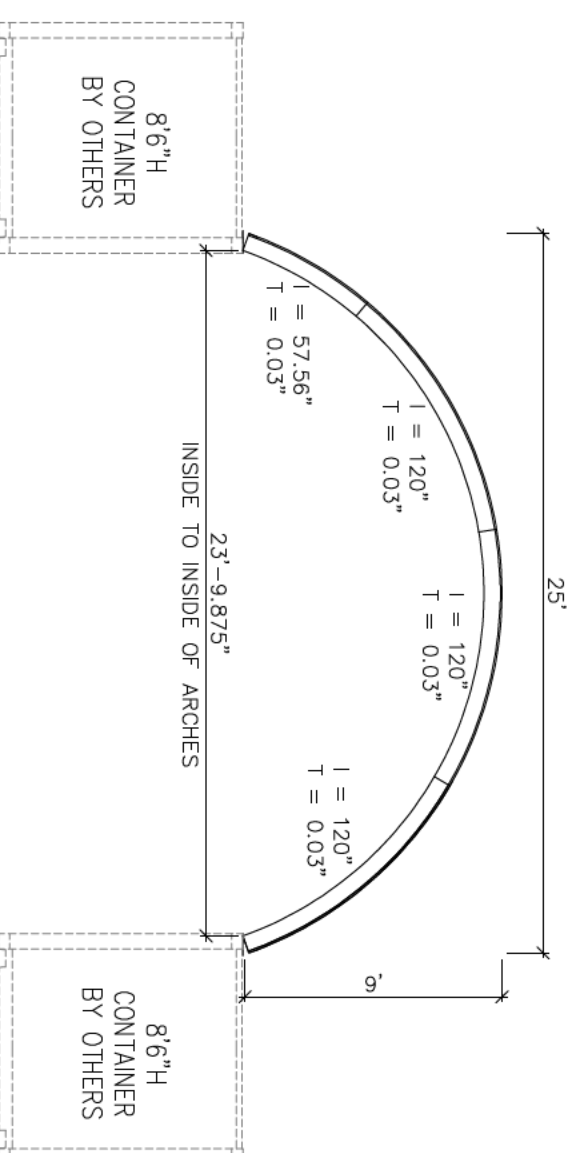
1 REAR ELEVATION



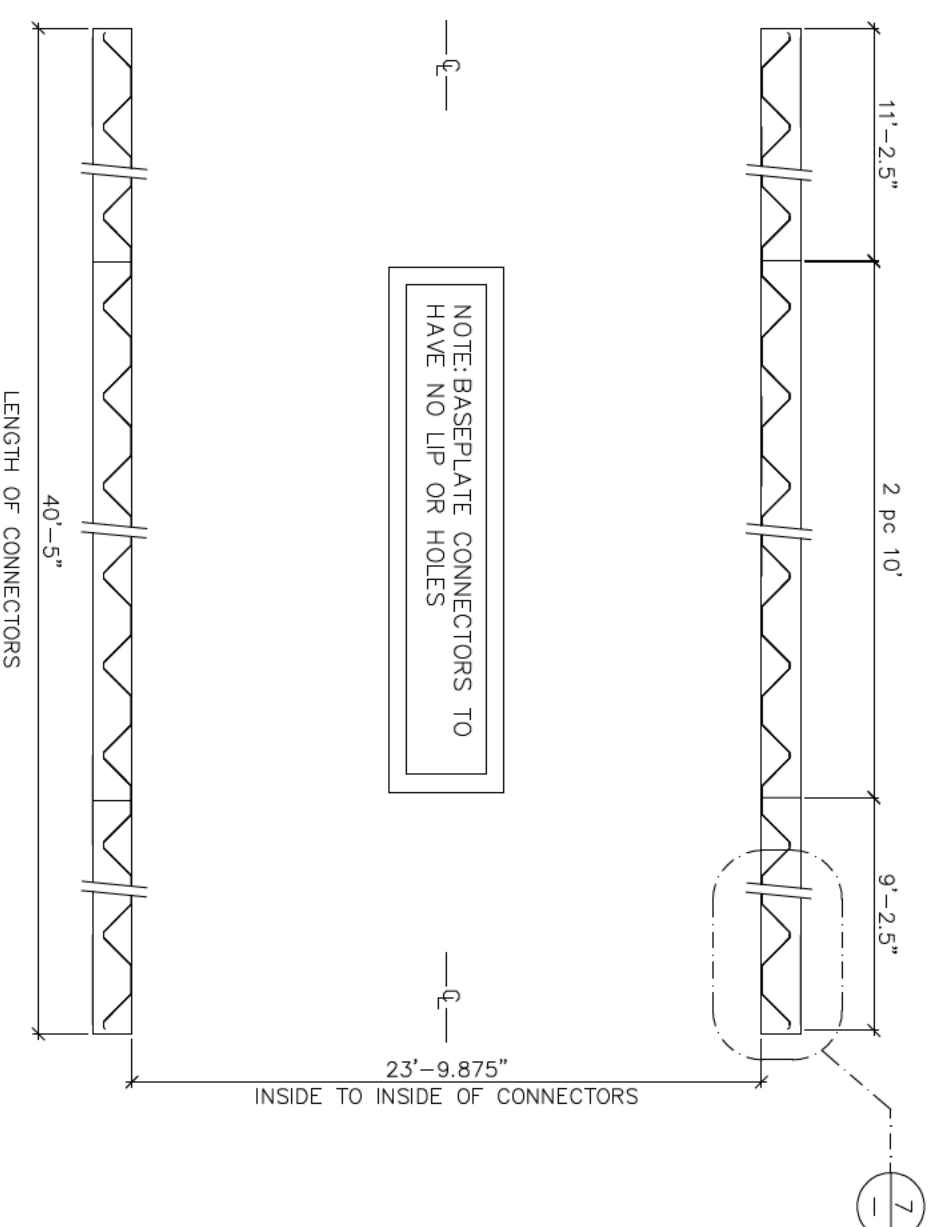
2 SIDE ELEVATION



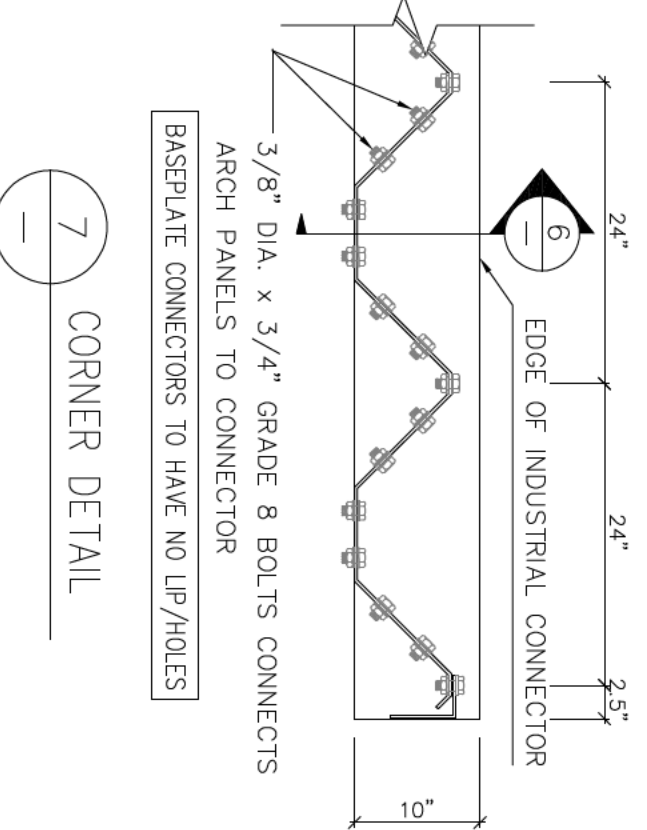
3 FRONT ELEVATION



4 ARCH PROFILE



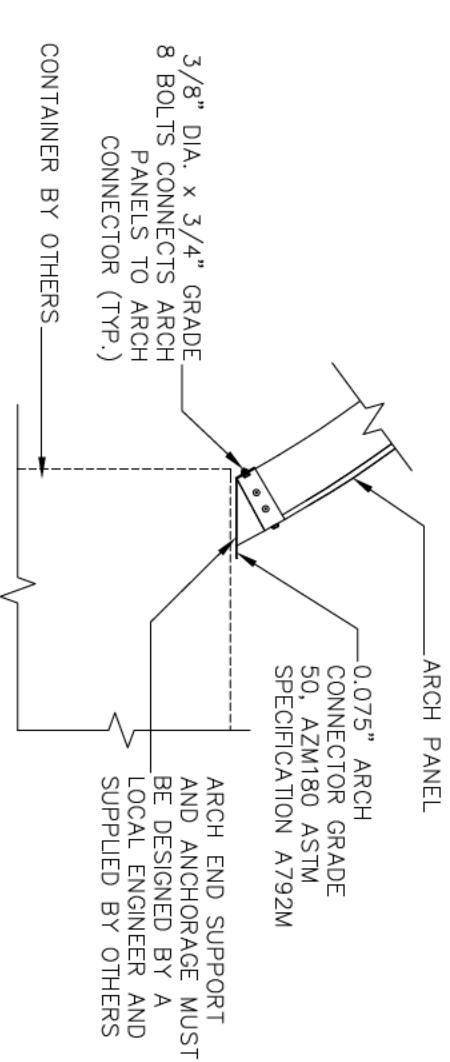
5 INDUSTRIAL CONNECTOR LAYOUT



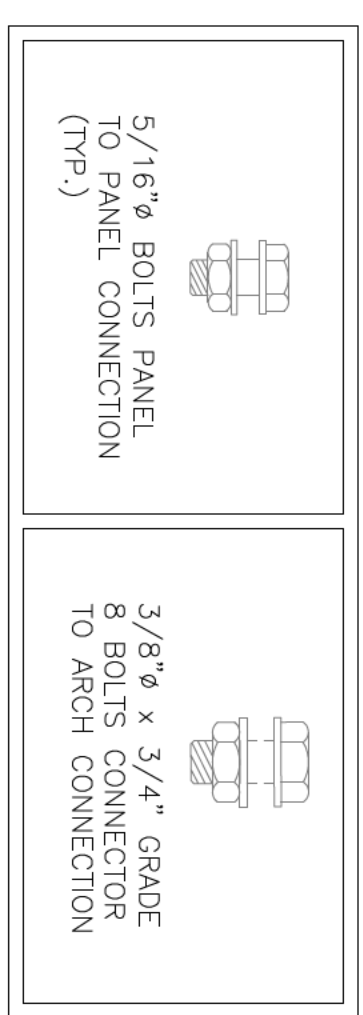
6 ARCH PROFILE

UNFACTORED ARCH REACTIONS PER ARCH END	
LOAD TYPE	Rh (lbs./ft.)
DEAD LOAD	
LIVE LOAD	
SNOW LOAD	
EXTERNAL WIND	
INTERNAL WIND PRESSURE	

7 CORNER DETAIL



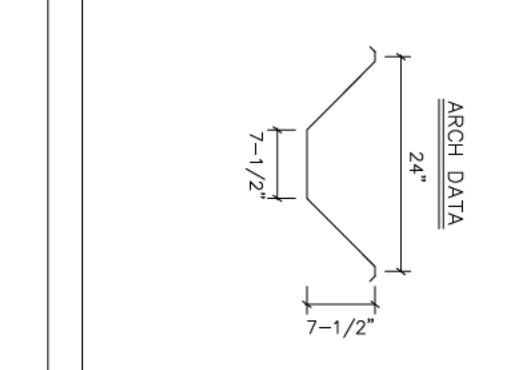
8 ARCH BASE / CONNECTOR DETAIL



9 BOLT DATA

GENERAL NOTES

- ALL MATERIAL AND WORKMANSHIP SHALL CONFORM WITH THE REQUIREMENTS OF THE LATEST REVISION OF THE NATIONAL BUILDING CODE 2010, DESIGN ACCORDING TO CSA STANDARD S136-07 (INCLUDING SUPPLEMENT CAN/CSA S13651-10) NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS (APPENDIX B)
- NO LOADS OTHER THAN THOSE GIVEN UNDER DESIGN DATA, BEHOLD SHALL BE IMPOSED ON THE STRUCTURE.
- SPECIFIC NOTES AND DETAILS SHOWN ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER THE BUILDING MANUAL SUPPLIED.
- THE BUILDING, INCLUDING THE FOUNDATION, MUST BE CONSTRUCTED IN STRICT ACCORDANCE WITH THE DESIGN AND SPECIFICATIONS OF THE ARCH PANELS, UNLESS APPROVED BY US IN WRITING. SHALL NULLIFY OUR CERTIFICATE AND SEAL AND SHALL BE THE SOLE RESPONSIBILITY OF THE ERECTOR.
- A PROFESSIONAL ENGINEER SHOULD BE RETAINED WHERE SITE INSPECTIONS ARE WARRANTED.
- NO ARCH PANEL MAY BE CUT OR MODIFIED UNLESS IT IS TO ACCOMMODATE AN ACCESSORY PROVIDED BY THE MANUFACTURER IN ACCORDANCE WITH ITS INSTRUCTIONS AND/OR THIS DRAWING.
- MINIMUM SEPARATION FROM THIS BUILDING TO ANY TALLER BUILDING MUST BE THE SMALLER OF 20 FEET AND 8 TIMES THE HEIGHT DIFFERENCE.
- THE ANCHORAGE & STRUCTURAL SUPPORT FOR OUR ROOF SYSTEM, THE ANCHORAGE OF THE ARCH PANELS TO THE ARCH PANELS, THE UNFACTORED ARCH REACTIONS, SITE CONDITIONS AND BUILDING CODE REQUIREMENTS & SUPPLIED BY OTHERS.
- OUR DESIGN IS LIMITED TO OUR ROOF SYSTEM ITSELF ONLY AND ASSUMES PROPER LEVEL SUPPORT & ANCHORAGE BY OTHERS.



BOLTS: SAE GRADE 2 OR ASTM A307
ARCH STEEL THICKNESS - SEE ARCH PROFILE

GAVALUINE SHEET STEEL:
STRUCTURAL QUALITY ASTM SPECIFICATION A792M
55% ALUMINUM-ZINC ALLOY (HOT DIP COATING)
345 MPa MINIMUM YIELD
450 MPa MINIMUM TENSILE
OTHER SECTIONS SHALL CONFORM TO:
ASTM A56 (fy = 250 MPa)

ARCH DESIGN DATA IN ACCORDANCE WITH AISC 308E

L: LIVE LOAD
S: SNOW LOAD
C: CEILING
O: OTHER
W: WIND
P: WIND EXPOSURE
V: VELOCITY
G: GUST
S: SLOPE

ENGINEERS SEAL

5/16" Ø BOLTS PANEL TO PANEL CONNECTION (TYP.)

3/8" Ø x 3/4" GRADE 8 BOLTS CONNECTOR TO ARCH CONNECTION

LEGAL NOTE

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