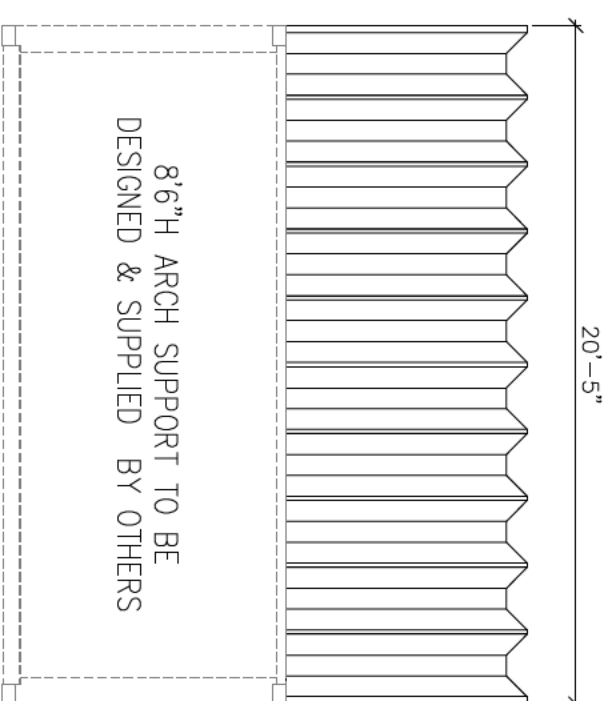
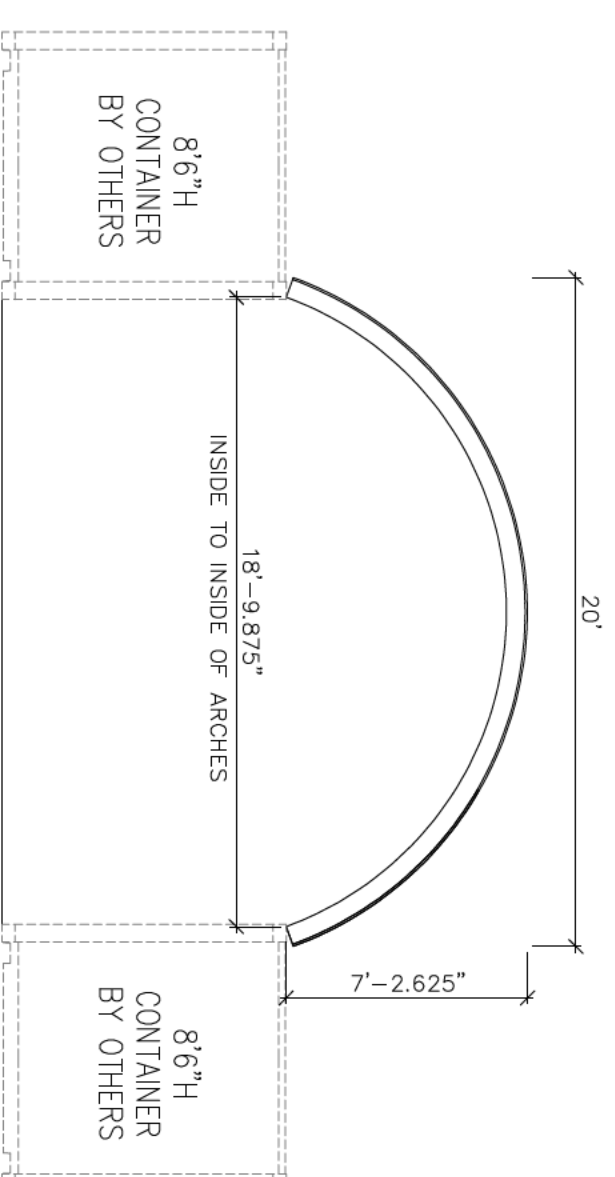


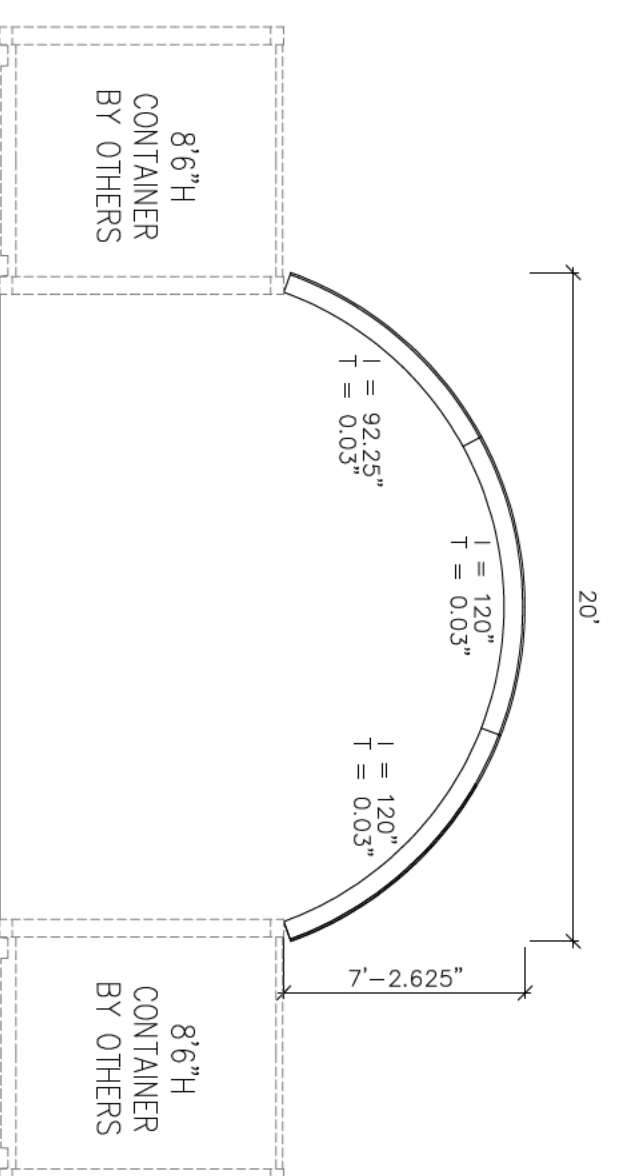
1 REAR ELEVATION



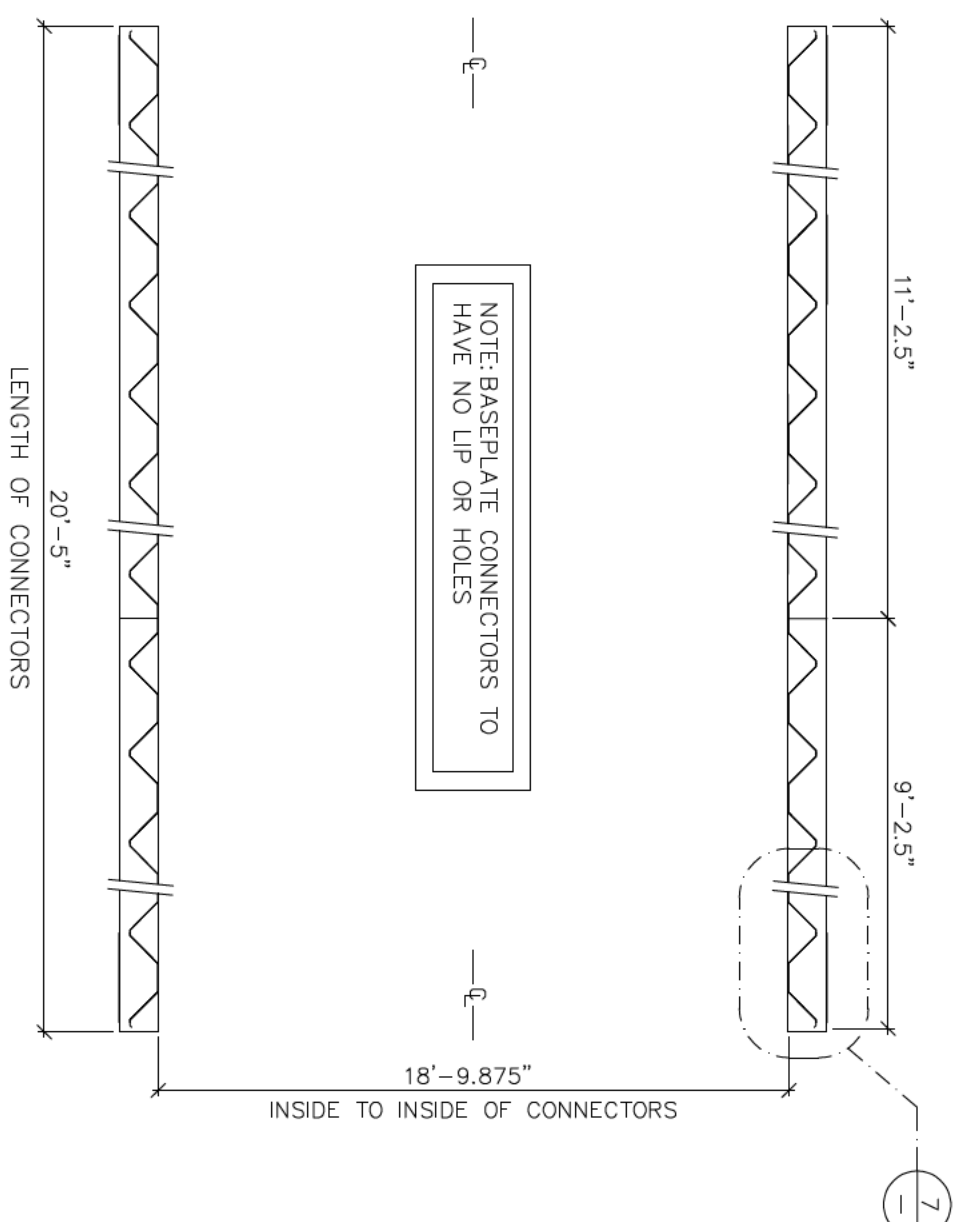
2 SIDE ELEVATION



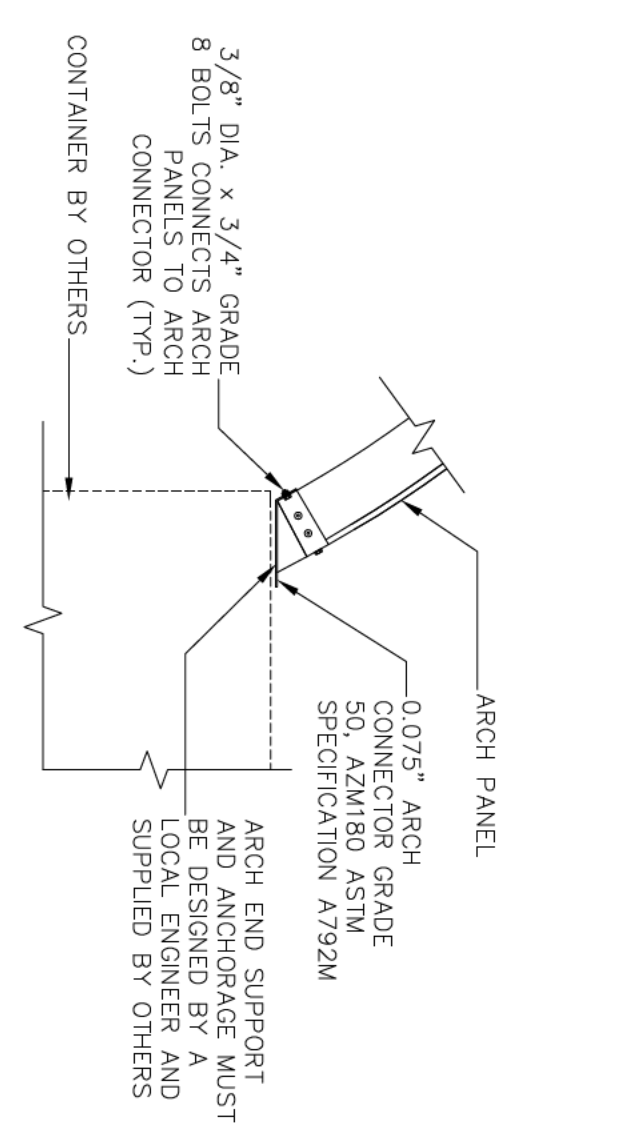
3 FRONT ELEVATION



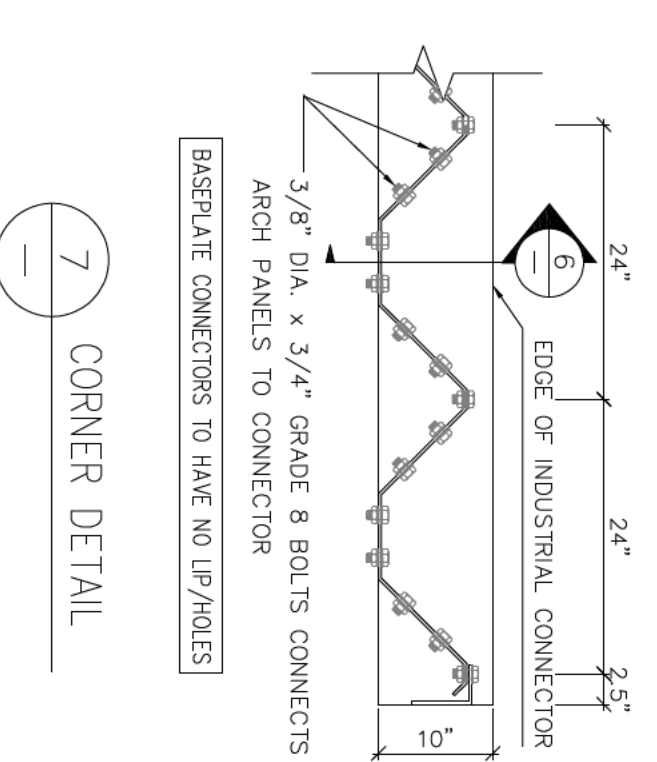
4 ARCH PROFILE



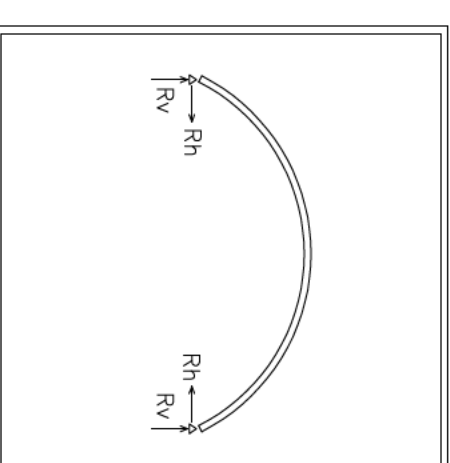
5 INDUSTRIAL CONNECTOR LAYOUT



6 ARCH BASE / CONNECTOR DETAIL

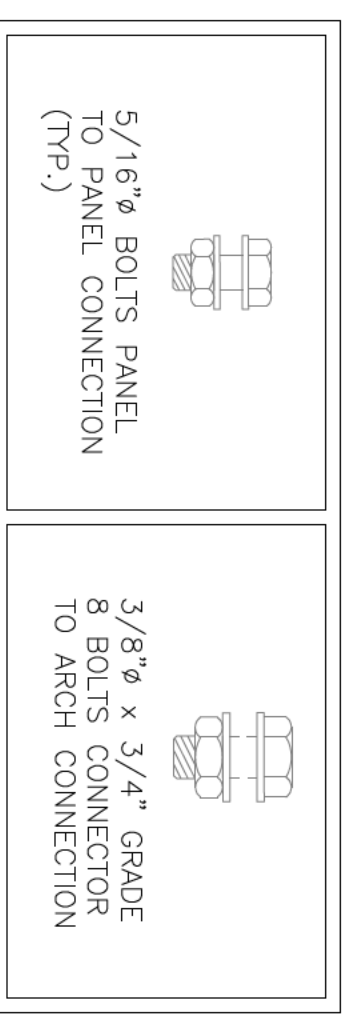


7 CORNER DETAIL



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

8 BOLT DATA



GENERAL NOTES

1. 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/SCS 7-10.

2. NO LOADS OTHER THAN THOSE GIVEN UNDER DESIGN DATA, BESIDE SHALL BE IMPOSED ON THE STRUCTURE.

3. SPECIFIC NOTES AND DETAILS SHOWN ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER THE BUILDING MANUAL SUPPLIED.

4. THE BUILDING, INCLUDING THE FOUNDATION, MUST BE CONSTRUCTED IN STRICT ACCORDANCE WITH THE DRAWING AND ERECTION INSTRUCTIONS, AND SHALL BE THE SOLE RESPONSIBILITY OF THE ERECTOR.

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

6. 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.

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

8. THE ANCHORAGE & STRUCTURAL SUPPORT FOR OUR ROOF SYSTEM, THE ANCHORAGE OF THE ARCH PANELS TO THE ARCH SUPPORTS, THE UNFACTORED ARCH REACTIONS, SITE CONDITIONS AND BUILDING CODE REQUIREMENTS & SUPPLIED BY OTHERS.

9. 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

GALVALUME SHEET STEEL: STRUCTURAL QUALITY ASTM SPECIFICATION A792-10 55% ALUMINIUM-ZINC ALLOY (HOT DIP COATING) ASTM A792 GRADE 50 CLASS 1 50 KSI MINIMUM YIELD 65 KSI MINIMUM TENSILE OTHER SECTIONS SHALL CONFORM TO ASTM A96 (F_y=36 KSI)

ARCH DESIGN WITH ANSI/ASCE L7: ROOF LIVE LOAD: EXPOSURE C: THERMAL IMPORTANCE CATEGORY 1/2: PREL: COMPO: V: BASIC WIND K: VELOCITY WIND EXPOSURE SEISMIC DESIGN

ENGINEERS SEAL:

LEGAL NOTE: This drawing is the property of Future Steel Buildings Int. Corp. Any duplication of this drawing in whole or in part is strictly forbidden. Anyone doing so will be prosecuted to the full extent of the law.

FUTURE STEEL BUILDINGS
220 CHRISTLER DR., BRANFORD, ONTARIO, CANADA (905) 790-8800