

COMPLIANCE SUMMARY

- BLDG CODE:** 2010 FLORIDA BUILDING CODE
- HVHZ:** NON-HVHZ ONLY
- MATERIALS:** ALUM SHEET: 3105-H14 or 3105-H28 MATERIALS CONFORM TO ASTM B209
- PERFORMANCE:** SITE WIND PRESSURES & STRUCTURAL PERFORMANCE OF THESE PRODUCTS SHALL BE DETERMINED BY A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE ALUMINUM DESIGN MANUAL (2005 ED) OR OTHER CODE-APPROVED REFERENCE STANDARD (E.G. AAF-10).
- LIMITS OF USE:** FOR USE WITH CARPORTS, PATIO COVERS, SUNROOMS, SCREEN ENCLOSURES, CANOPIES, & SIMILAR MINOR STRUCTURES.

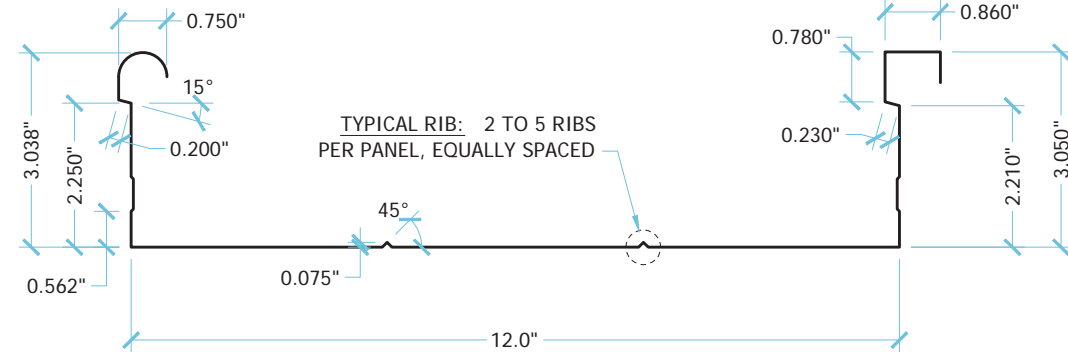
GENERAL NOTES

- THIS PRODUCT EVALUATION DOCUMENT IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A LICENSED PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE-SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS APPROVAL.

SPAN SCHEDULE

WIND SPEED	EXPOSURE CATEGORY	SCREEN ROOMS		ENCLOSED STRUCTURES			OPEN STRUCTURES			
		DESIGN PRESSURE	3" RISER x 0.024"	3" RISER x 0.030"	DESIGN PRESSURE	3" RISER x 0.024"	3" RISER x 0.030"	DESIGN PRESSURE	3" RISER x 0.024"	3" RISER x 0.030"
130 mph	Exp "B"	12.0 PSF	117" (2)	158" (3)	30.6 PSF	117" (2)	158" (3)	36.8 PSF	117" (2)	158" (3)
	Exp "C"	16.2 PSF	101" (2)	136" (3)	37.0 PSF	101" (2)	136" (3)	54.3 PSF	101" (2)	136" (3)
140 mph	Exp "B"	13.8 PSF	109" (2)	147" (3)	35.5 PSF	109" (2)	147" (3)	42.7 PSF	109" (2)	147" (3)
	Exp "C"	19.2 PSF	93" (2)	125" (3)	43.0 PSF	93" (2)	125" (3)	63.0 PSF	93" (2)	125" (3)
150 mph	Exp "B"	15.0 PSF	105" (2)	141" (3)	40.7 PSF	105" (2)	141" (3)	49.0 PSF	105" (2)	141" (3)
	Exp "C"	21.6 PSF	87" (3)	118" (3)	49.3 PSF	87" (3)	118" (3)	72.3 PSF	87" (3)	118" (3)
160 mph	Exp "B"	18.0 PSF	96" (2)	129" (3)	46.4 PSF	96" (2)	129" (3)	55.7 PSF	96" (2)	129" (3)
	Exp "C"	24.6 PSF	82" (3)	110" (4)	56.1 PSF	82" (3)	110" (4)	82.3 PSF	82" (3)	110" (4)

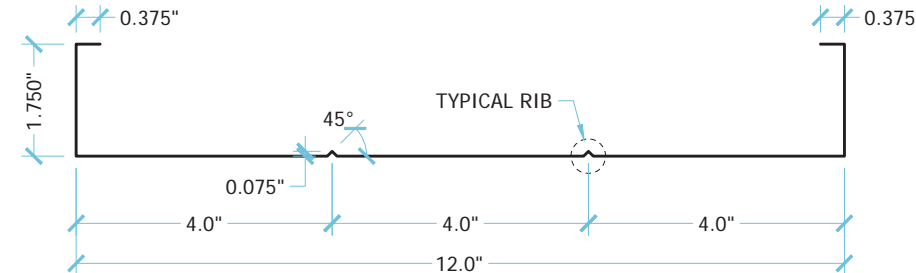
- SPAN SCHEDULE GIVES MAXIMUM ROOF PANEL SPAN BETWEEN SUPPORTS.
- NUMBERS IN PARENTHESES "()" INDICATE MINIMUM NUMBER OF #12 SMS AT EACH END SUPPORT. ENSURE MIN 1/8" 6063-T6 ALUMINUM SUPPORT STRUCTURE
- DESIGN PRESSURES ARE BASED ON FBC TABLE 2002.4 USING ALLOWABLE STRESS DESIGN (SCREEN ROOMS), ASCE 7-10 CHAPTER 30 FOR ROOF COMPONENTS AND CLADDING (ENCLOSED AND OPEN STRUCTURES).
- ROOF HEIGHT SHALL NOT EXCEED 15 FT ABOVE GRADE.
- SCHEDULE APPLICABLE FOR ROOF SLOPES FROM 0° TO 27°.
- BASED ON DEFLECTION LIMIT L/60.
- DESIGN CRITERIA (WIND SPEEDS, EXPOSURE CATEGORIES, ETC.) AND ROOF PANELS OTHER THAN THOSE SHOWN IN SPAN SCHEDULE SHALL BE DETERMINED PER SEPARATE ENGINEERING CERTIFICATION.



1 3" RISER ROOF PANELS
SCALE: 4" = 1'-0" TYPICAL SECTION

ALUMINUM ROOF PANELS:

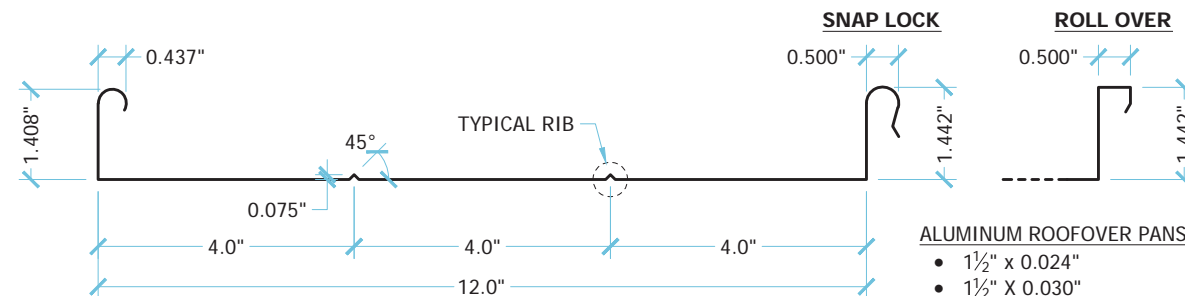
- 3" x 0.024"
 - 3" x 0.030"
 - 3" x 0.040"
 - 3" x 0.050"
- ...ALL VARIATIONS MAY BE BOXED/SQUARE CUT OR SQUARE/SQUARE CUT



2 1 3/4" RISER ROOF PANELS
SCALE: 4" = 1'-0" TYPICAL SECTION

ALUMINUM ROOFOVER PANS:

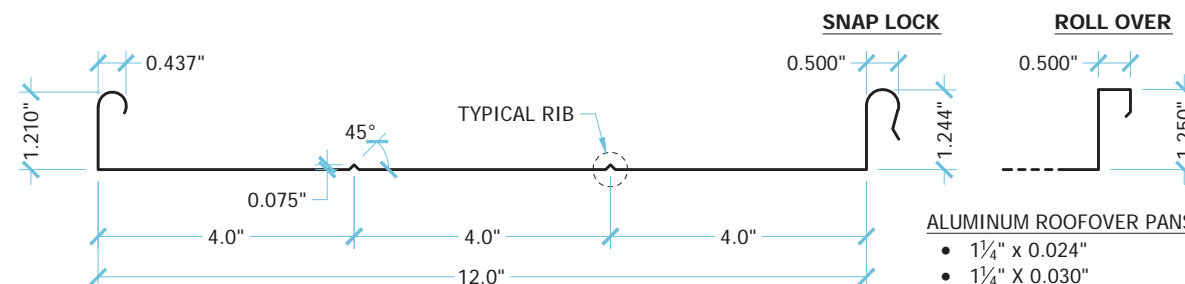
- 1 3/4" x 0.024"
- 1 3/4" x 0.030"
- 1 3/4" x 0.040"
- 1 3/4" x 0.050"



3 1 1/2" RISER ROOF PANELS
SCALE: 4" = 1'-0" TYPICAL SECTION

ALUMINUM ROOFOVER PANS:

- 1 1/2" x 0.024"
- 1 1/2" x 0.030"
- 1 1/2" x 0.040"
- 1 1/2" x 0.050"



4 1 1/4" RISER ROOF PANELS
SCALE: 4" = 1'-0" TYPICAL SECTION

ALUMINUM ROOFOVER PANS:

- 1 1/4" x 0.024"
- 1 1/4" x 0.030"
- 1 1/4" x 0.040"
- 1 1/4" x 0.050"

DATE	DESCRIPTION	BY
4/18/12	INITIAL SUBMITTAL	CL

ALUMINUM ROOF PANELS
FOR USE WITH
CARPORTS & PATIO COVERS
FLORIDA PRODUCT APPROVAL

TOWN & COUNTRY INDUSTRIES
400 WEST MCNAB ROAD
FT. LAUDERDALE, FL 33309

DRAWING NUMBER:
TCI.12001

SHEET
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