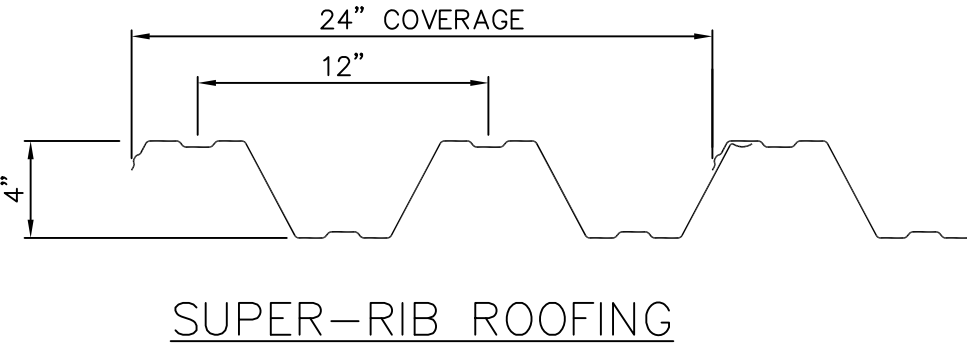
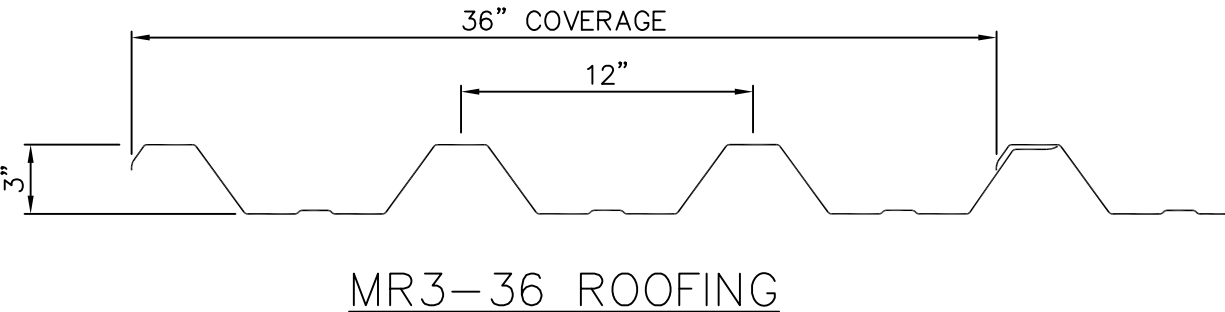
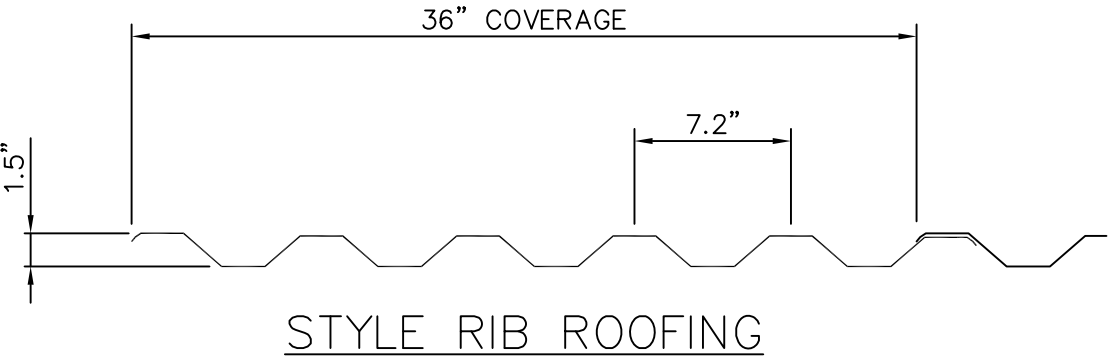
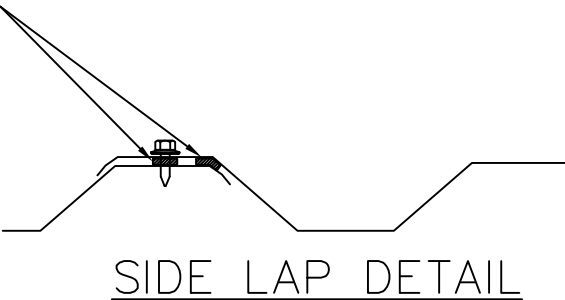


STYLE RIB, MR3-36, AND SUPER-RIB 20 GA. METAL ROOF PANELS ARE MADE FROM STEEL SHEET METAL 0.036" (MIN.) NOMINAL THICKNESS CONFORMING TO ASTM A653 WITH MINIMUM YIELD STRENGTH OF 50 KSI. THE PROTECTIVE METAL COATING COMPLIES WITH ASTM A924 WITH A GALVANIZED COATING DESIGNATION OF G90.



2 LINES OF SEALANT TAPE
(ADD BUTYL SEALANT BETWEEN
BEADS ON SEALANT TAPE 1"
UPHILL AND 12" DOWN HILL FROM
SUPPORT @ PANEL END LAPS.)

20 GA. Galvanized Steel Roof Panels - HVHZ
Style-Rib Roofing Panels
MR3-36 Roofing Panels
Super-Rib Roofing Panels



- THE 20. GA. METAL ROOF PANELS MAY BE USED AS STRUCTURAL ROOFING ON A BUILDING PER THE FOLLOWING CRITERIA:

SPAN	ALLOWABLE LOAD (PSF)	
	2 SPAN	3 SPANS or MORE
3'-4" TO 6'-8"	± 53	± 61
3'-4"	± 117	

- THIS CRITERIA IS BASED ON 1 FT. PANEL WIDTH.
 - THIS CRITERIA VALID FOR BOTH FIELD AND CORNER AREAS.
 - THIS CRITERIA VALID FOR BOTH WIND AND LIVE LOAD. USE 30 PSF MAXIMUM LIVE LOAD.
 - APPLICATION OF THE 20 GA. GALVANIZED STEEL ROOF PANELS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE 8th EDITION (2023) FLORIDA BUILDING CODE.
 - DESIGN WIND LOAD SHALL COMPLY WITH ASCE 7-22.
 - THIS GALVANIZED STEEL ROOF PANEL SHALL BE USED IN ROOF CONSTRUCTION, INSTALLED AS INDICATED ON THESE APPROVED DRAWINGS WHICH INCLUDE:
- DETAILS OF ALL PANEL MATERIAL PROPERTIES AND PANEL CROSS SECTIONS WITH DIMENSIONS.
 - ASSEMBLY DETAILS THAT INDICATE ALL FASTENER TYPES, SIZES, AND SPACINGS.
 - MAXIMUM PANEL SPAN AND DESIGN PRESSURE BASED ON THE PANEL'S MAXIMUM DESIGN ALLOWABLES SHOWN ON THESE APPROVED DRAWINGS.

ROOF PANELS TO BE INSTALLED ON STEEL SUPPORTS NOT LESS THAN 1/4" THICK.

FASTENER SCHEDULE		
	FASTENER TYPE	SPACING
SIDE LAP	A	12" o/c
FLASHING PARALLEL WITH PANEL	A	12" o/c
STYLE-RIB FLASHING PERPENDICULAR TO PANEL MR3-36 AND SUPER RIB PERPENDICULAR TO PANEL	A	7.2" o/c
	A	12" o/c
PANEL TO SUPPORTS (STYLE-RIB)	B	7.2" o/c
PANEL TO SUPPORTS (MR3 AND SUPER RIB)	B	12" o/c

NOTES:

- A. #14-10 300 SS HEX HEAD TYPE "A" w/15mm BONDED WASHER
- B. 1/4-14 300 SS HEX HEAD TYPE "B" w/15mm BONDED WASHER
- C. FASTENERS BY ATLAS BOLT AND SCREW, ASHLAND, OHIO.

This item has been digitally signed and sealed by Robert J. Amoruso, PE on the date adjacent to the seal. Signature must be verified on any electronic copies.

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RJAENGPE@GMAIL.COM

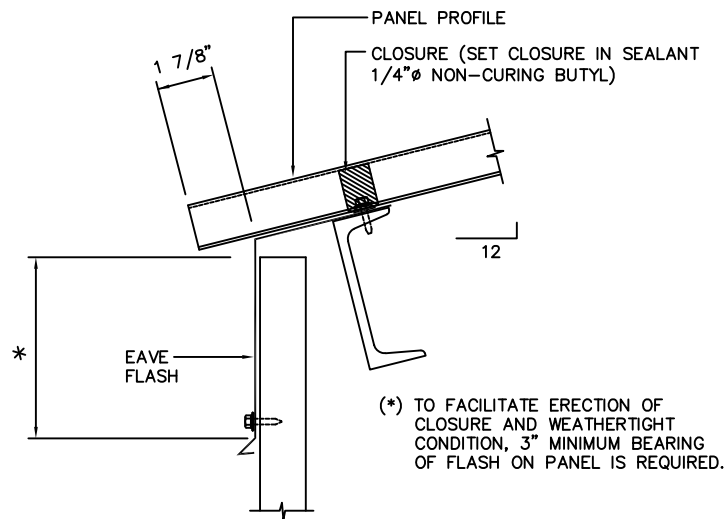


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Robert J Amoruso
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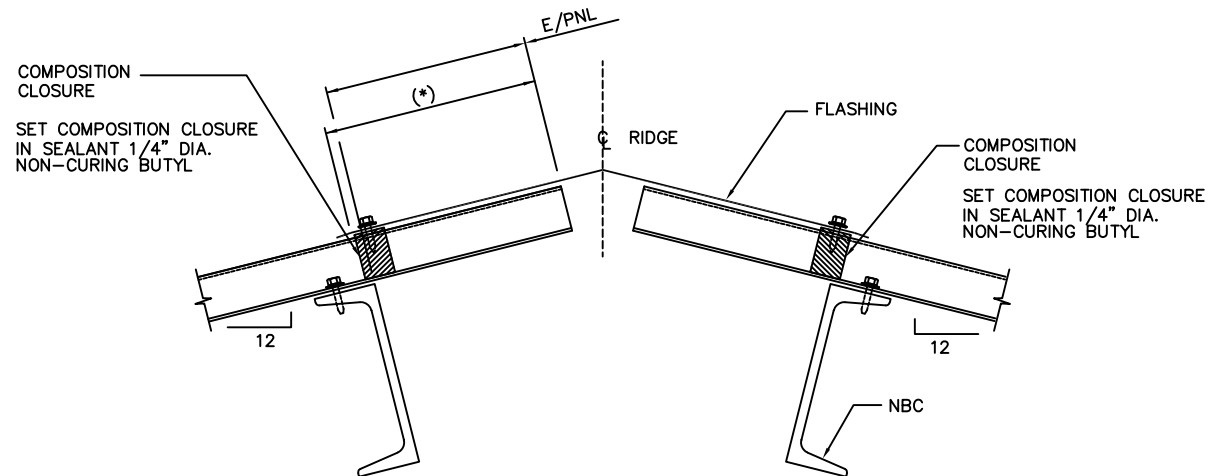


700 State Highway 121 Bypass, Suite 200, Lewisville, TX 75067
PHONE: 800-759-7474

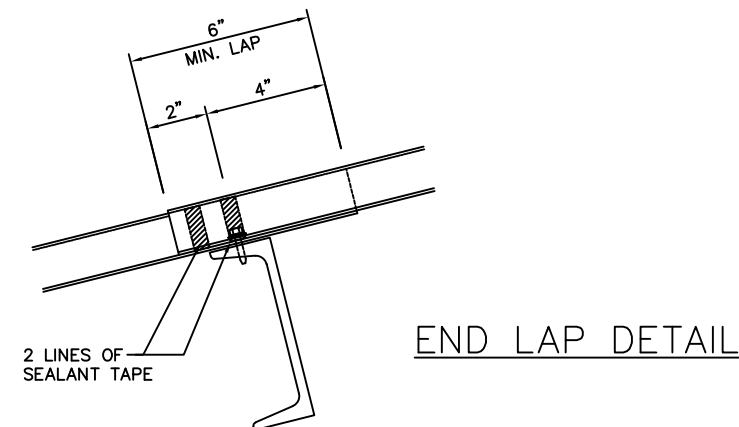
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					DRAWN	T.Z	2/24/14			
8	Update to 2023 FBC	RJA	2/7/26		CHECKED			DRAWING No. 1 of 2		ISSUE 8
7	Update to 2020 FBC	RJA	5/7/21		SECTION MANAGER					
6	Update to 2017 FBC	RJA	2/15/19							
ISSUE	DESCRIPTION	BY	DATE							



EAVE DETAIL

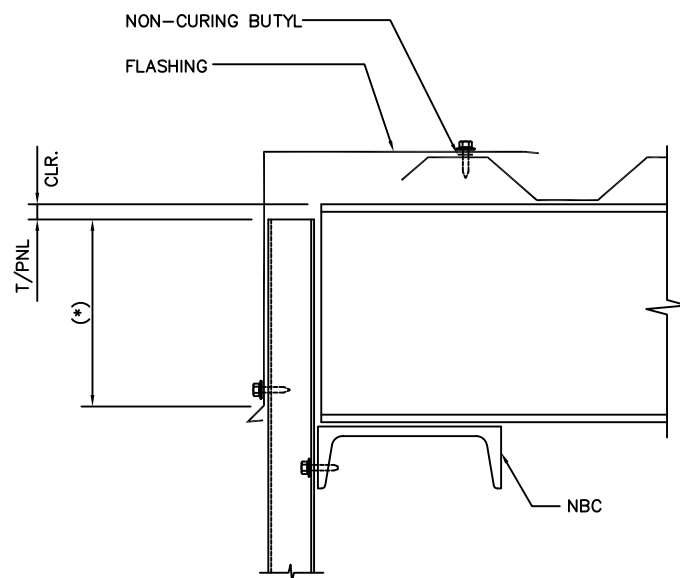


RIDGE DETAIL

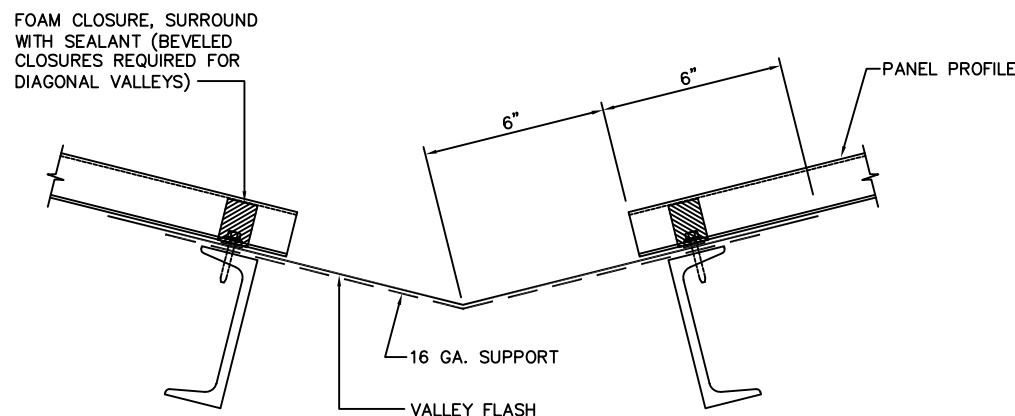


END LAP DETAIL

20 GA. Galvanized Steel Roof Panels - HVHZ
Style-Rib Roofing Panels
MR3-36 Roofing Panels
Super-Rib Roofing Panels



RAKE DETAIL



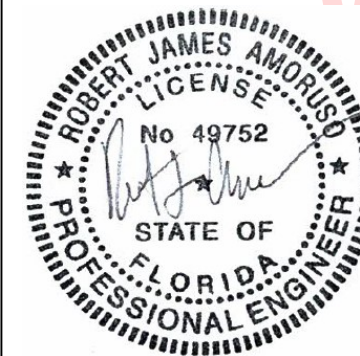
VALLEY DETAIL

This item has been digitally signed and sealed by Robert J. Amoruso, PE on the date adjacent to the seal. Signature must be verified on any electronic copies.



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Robert J
Amoruso
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THE ROOFING PRODUCTS DEPICTED ARE IN
CONFORMANCE WITH THE 8TH EDITION (2023)
FLORIDA BUILDING CODE AND ASCE 7-22.

ISSUE	DESCRIPTION	BY	DATE
6	Update to 2023 FBC	RJA	2/7/26
5	Update to 2020 FBC	RJA	5/7/21
4	Update to 2017 FB	RJA	2/15/19

DRAWN	CHECKED	SECTION MANAGER	BY	DATE	CONTRACT No.	DRAWING No.	ISSUE
			T.Z	2/24/14	N/A	2 of 2	6