



BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Roof System Services, Inc.
2251 Hammondville Road # 300
Chico ,FL 33069

Your application for Notice of Acceptance (NOA) of:

"RSS16-2MS" Standing Seam Structural Galvalume Steel Roof Panel

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

ACCEPTANCE NO.: 00-0830.04
EXPIRES: 09/06/2004

Raul Rodriguez
Chief Product Control Division

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL
CONDITIONS
BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 09/06/2001

Roof System Services, Inc.

ACCEPTANCE No. : 00-0830.04

APPROVED : 09/06/2001

EXPIRES : 09/06/2004

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

This approves a 0.0299" (min.) Structural Galvalume Coated Standing Seam Steel Roof Panel, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code, 1994 Edition for Miami-Dade County, for the locations where the load requirements, as determined by SFBC Chapter 23, do not exceed the design load values indicated in the approved drawings.

2. PRODUCT DESCRIPTION

This 0.0299" (min.) Structural Galvalume Coated Standing Seam Steel Roof Panel and its components shall be constructed in strict compliance with the following documents: Drawing No. 1016, titled "RSS16-2MS Standing Seam Structural Metal Roof Panels", dated August 15, 2000, sheets 1 through 3 of 3, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E. on April 19, 2001, bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division. These documents shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

All permanent set components must be protected against corrosion, contamination and damage at all times.

4. INSTALLATION

This 0.0299" (min.) Structural Galvalume Coated Standing Seam Steel Roof Panel and its components shall be installed in strict compliance with the approved drawings.

5. LABELING

Each panel shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved".

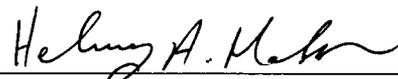
6. BUILDING PERMIT REQUIREMENTS

6.1 Application for building permit shall be accompanied by copies of the following:

6.1.1 This Notice of Acceptance.

6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.

6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.



Helmy A. Makar, P.E.- Product Control Examiner
Product Control Division

Roof System Services, Inc.

ACCEPTANCE No. : 00-0830.04

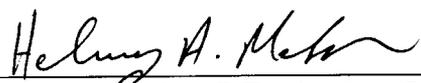
APPROVED : 09/06/2001

EXPIRES : 09/06/2004

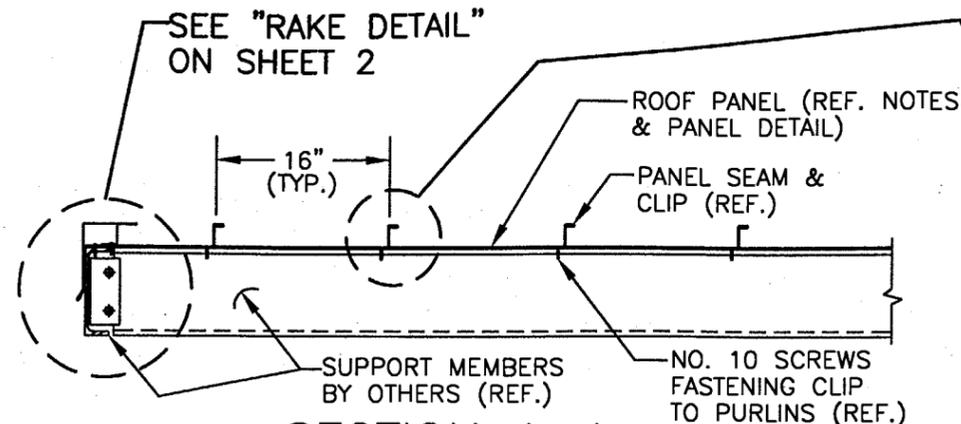
NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documents, including test-supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
 - a. There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes.
 - b. The product is no longer the same product (identical) as the one originally approved.
 - c. If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product.
 - d. The engineer, who originally prepared, signed and sealed the required documentation initially submitted, is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
 - a. Unsatisfactory performance of this product or process.
 - b. Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purposes.
6. The Notice of Acceptance number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer needs not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

END OF THIS ACCEPTANCE

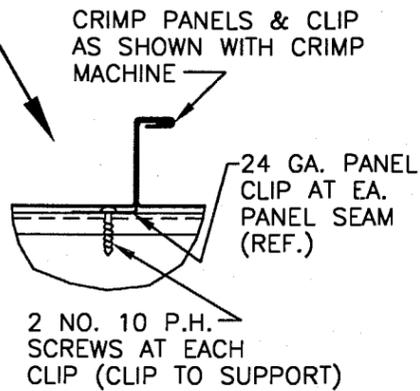


Helmy A. Makar, P.E.- Product Control Examiner
Product Control Division



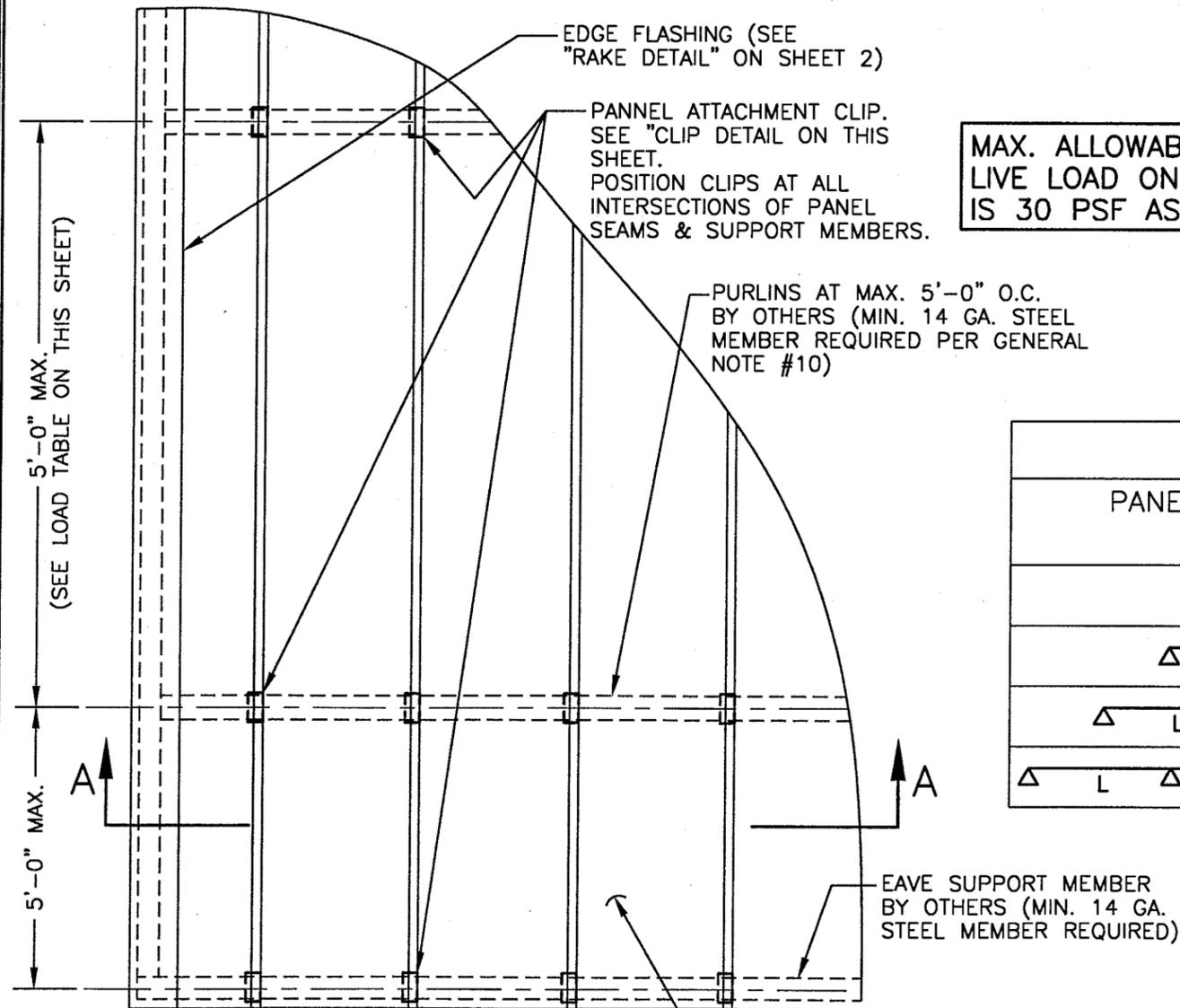
SECTION A-A

SCALE: 3/4"=1'-0"



CLIP DETAIL

SCALE: 3"=1'-0"



TYP. PLAN VIEW

SCALE: 3/4"=1'-0"

GENERAL NOTES:

- STRUCTURAL ROOF PANEL HAS BEEN DESIGNED IN ACCORDANCE WITH THE 1994 SOUTH FLORIDA BUILDING CODE MIAMI-DADE COUNTY EDITION.
- ALL ROOF PANELS ARE FABRICATED FROM A 22" WIDE COIL AND SHALL BE 22 GA. (t = 0.0299" MIN.) ASTM A792-796 GRADE D 50 KSI GALVALUME STEEL WITH AN EFFECTIVE COVERING WIDTH OF 16".
- THE ROOF PANELS SHALL BE INSTALLED OVER ROOF STRUCTURE AS SPECIFIED ON THESE DRAWINGS.
- THE ROOF PANELS ARE INTENDED TO BE INSTALLED CONTINUOUS WITH HORIZONTAL JOINTS OCCURRING WHERE REQUIRED AT ROOF PENETRATIONS. ALTHOUGH THIS ROOF PANEL IS APPROVED WITH HORIZONTAL LAPPING JOINTS, THOSE JOINTS ARE ONLY RECOMMENDED WHERE REQUIRED FOR ROOF PENETRATIONS.
- REQUIRED DESIGN WIND LOADS SHALL BE DETERMINED FOR EACH PROJECT. THIS PANEL SYSTEM MAY NOT BE INSTALLED WHEN THE REQUIRED DESIGN WIND LOADS ARE GREATER THAN THE ALLOWABLE WIND LOADS SPECIFIED ON THIS DRAWING.
- THIS ROOFING PANEL SYSTEM HAS BEEN TESTED IN ACCORDANCE WITH DADE COUNTY
 - * ACCELERATED TESTING OF COATING PER ASTM G23
 - * SALT SPRAY TESTING PER ASTM B117
 - * UPLIFT RESISTANCE TEST PER UL 580
 - * WIND DRIVEN RAIN TESTS PER PA-100 & PA-114
 DUE TO PANEL THICKNESS BEING 22 GA., NO IMPACT TESTING IS REQUIRED.
- ROOF PANEL MANUFACTURER'S LABEL SHALL BE PLACED AT THE END OF EACH PANEL AND SHALL READ: ROOF SYSTEM SERVICES, INC. POMPANO BEACH, FLORIDA DADE COUNTY PRODUCT CONTROL APPROVED
- ALL SCREWS SHALL BE CORROSION RESISTANT SELF TAPPING SCREWS.
- THE SUPPORTING STRUCTURE, OVER WHICH THE PANELS ARE TO BE INSTALLED, MUST BE MINIMUM 14 GAGE (MIN. 0.0747" W/ GALVANIC COATING) STEEL WITH MINIMUM Fy = 33 KSI.
- MINIMUM ALLOWABLE ROOF SLOPE SHALL BE 1" PER 12".
- THESE ROOF PANELS SHALL NOT BE CONSIDERED TO OR BE USED FOR TRANSFER OF DIAPHRAM ACTION OF ROOF TO SHEAR WALLS.

MAX. ALLOWABLE POSITIVE LIVE LOAD ON PANELS IS 30 PSF AS TESTED

PANEL SUPPORT CONDITION	MAXIMUM ALLOWABLE UPLIFT PRESSURE (PSF)						
	L=24"	L=30"	L=36"	L=42"	L=48"	L=54"	L=60"
	130.9	83.8	58.2	42.8	32.7	24.1	15.8
	85.3	68.2	56.8	48.7	42.0	33.2	26.9
	96.8	77.4	64.5	55.3	48.4	40.4	29.7
	93.2	74.6	62.1	53.3	46.6	38.8	31.4

PRODUCT APPROVAL IS LIMITED TO THE ROOF METAL PANEL & ITS CONNECTING CLIPS. THE STRUCTURAL ADEQUACY OF ALL OTHER STRUCTURAL ITEMS (BEAMS, COLUMNS, PURLINS, FACIA SUPPORTS, CONNECTIONS OF STRUCTURE, ETC.) SHALL BE VERIFIED BY THE STRUCTURAL PLANS EXAMINER OF THE CORRESPONDING BUILDING DEPARTMENT. THE METAL ROOF PANELS SHALL NOT BE DESIGNED TO ACT AS A DIAPHRAGM.

SEE SHEET 2 FOR VALLEY DETAILS

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE: 09/06/2001
 BY: *Warren W. Schaefer*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 00-0830-04

DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1-16	DATE: 08/15/00
DATE	
BY	
REVISION DESCRIPTION	
NO.	

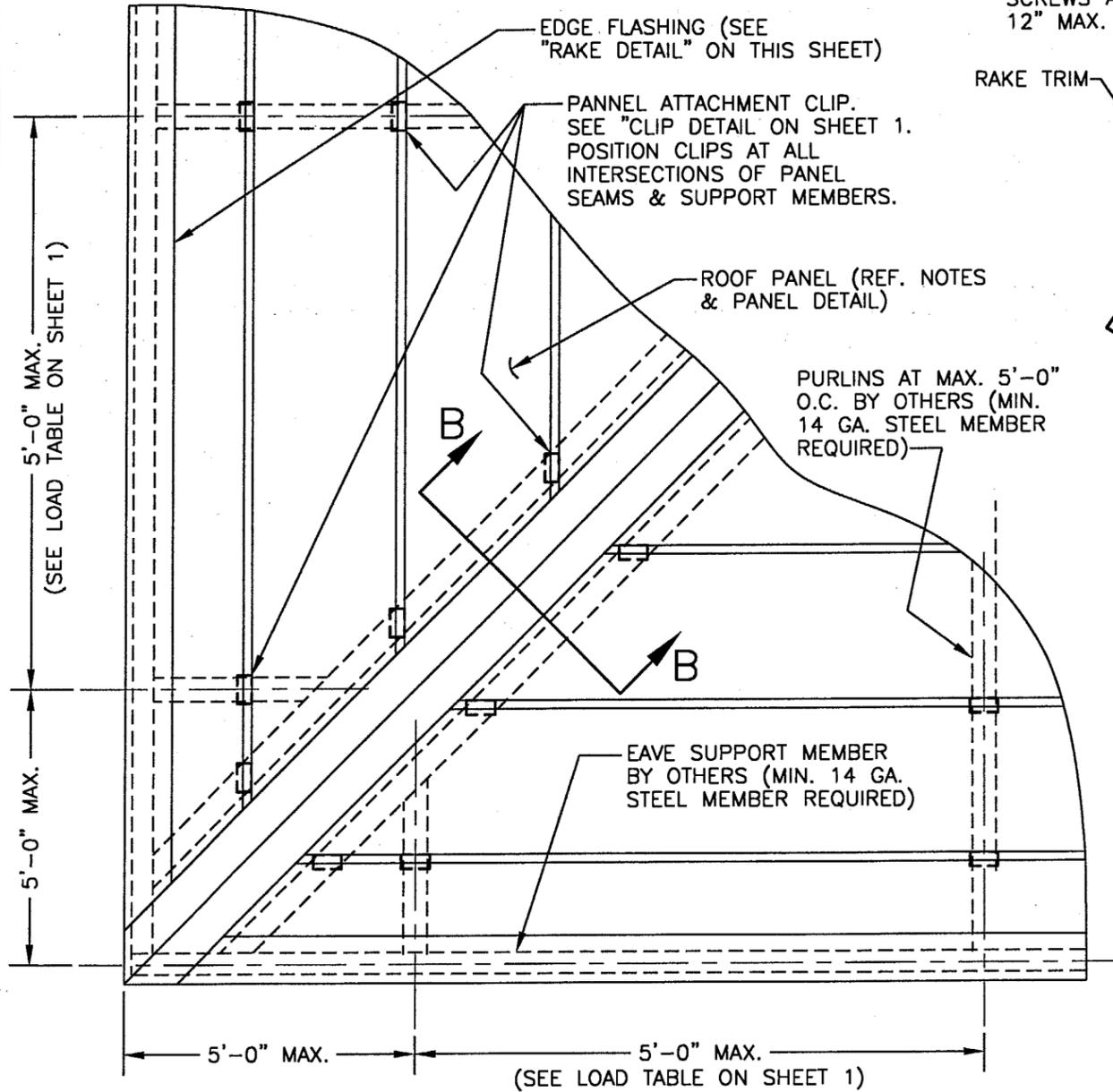
DRAWING TITLE: **RSS16-2MS STANDING SEAM STRUCTURAL METAL ROOF PANELS**

CONSULTANTS: **W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.**
 600 SANDTREE DRIVE, SUITE 203B
 PALM BEACH GARDENS, FL 33403
 PHONE: 561-775-4902 FAX: 561-775-4903

MANUFACTURER: **ROOF SYSTEM SERVICES, INC.**
 2251 HAMMONDVILLE ROAD #300
 POMPANO BEACH, FL 33069
 954-972-3710

CERTIFICATION: **APR 19 2001**
 WARREN W. SCHAEFER, P.E.
 P.E. NO. 44135

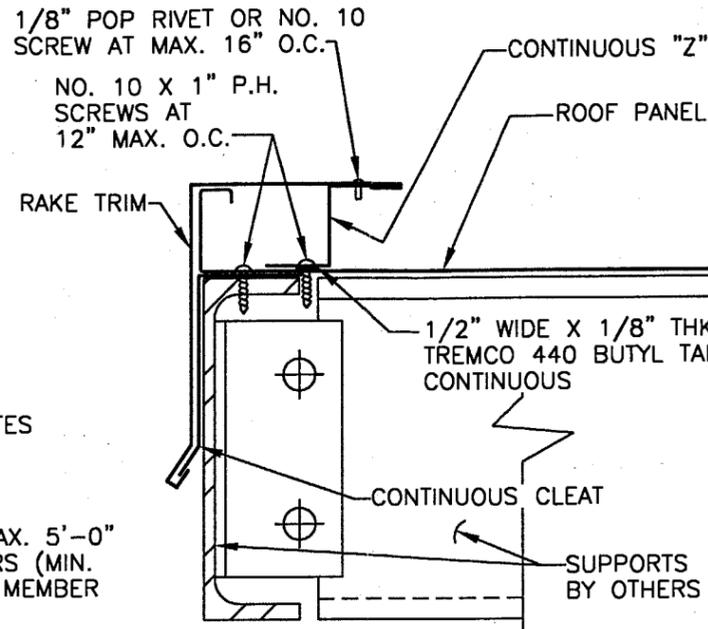
DRAWING NO. **1016** REV. **1**
 SHEET NO. **1** OF **3**



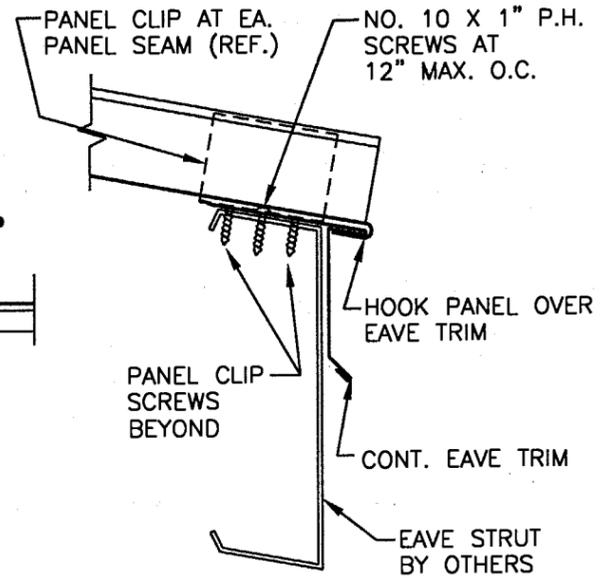
TYP. VALLEY PLAN VIEW

SCALE: 3/4"=1'-0"

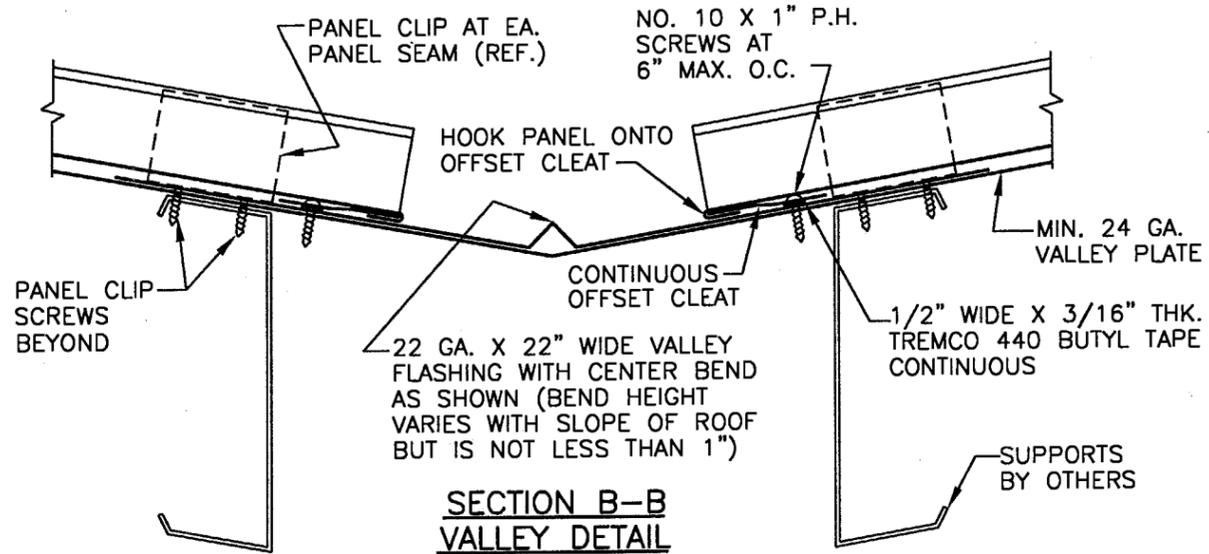
NOTE: ALL FLASHING MATERIAL NOT CALLED OUT WITH A SPECIFIC GAGE THICKNESS SHALL BE MIN. 24 GAGE.



RAKE DETAIL
SCALE: 3"=1'-0"

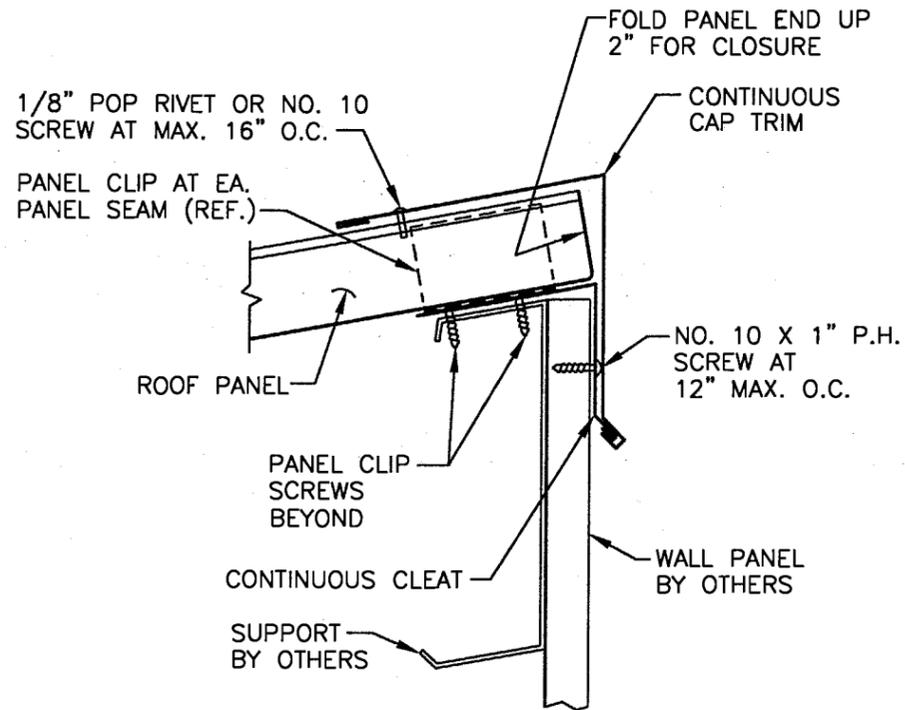


EAVE DETAIL
SCALE: 3"=1'-0"

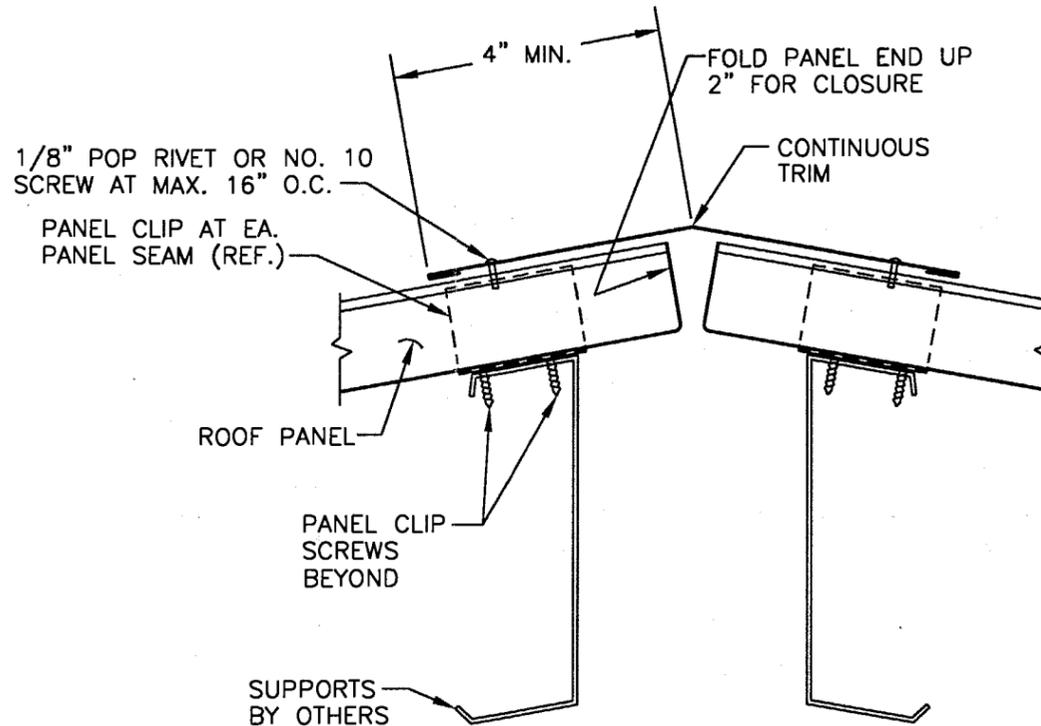


SECTION B-B VALLEY DETAIL
SCALE: 3"=1'-0"

DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1-16		DATE: 08/15/00	
NO.	DATE	BY	REVISION DESCRIPTION
DRAWING TITLE: RSS16-2MS STANDING SEAM STRUCTURAL METAL ROOF PANELS			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.		MANUFACTURER: ROOF SYSTEM SERVICES, INC.	
600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4902 FAX: 561-775-4903		2251 HAMMONDVILLE ROAD #300 POMPANO BEACH, FL 33069 954-972-3710	
CERTIFICATION: APR 19 2001		APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE DATE: 09/06/2001 BY: <i>Warren W. Schaefer</i> PRODUCT CONTROL DIVISION BUILDING CODE COMPLIANCE OFFICE ACCEPTANCE NO. 00-0830.04	
DRAWING NO. 1016		REV.	
SHEET NO. 2		OF 3	

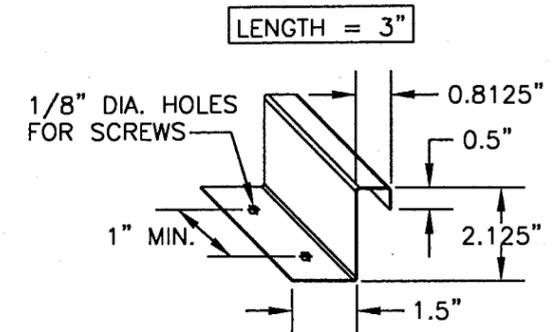


CAP DETAIL
SCALE: 3"=1'-0"

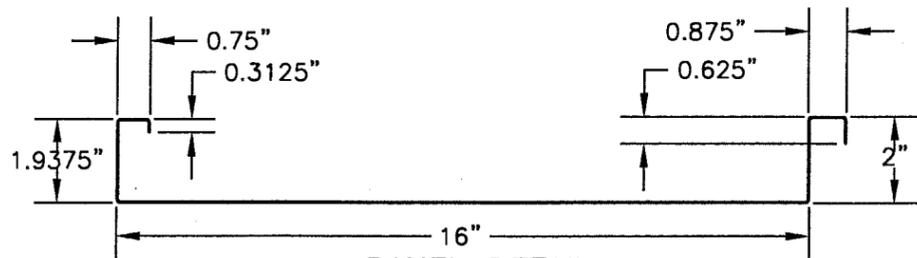


HIP & RIDGE DETAIL
SCALE: 3"=1'-0"
RIGHT SIDE MIRRORS THE LEFT

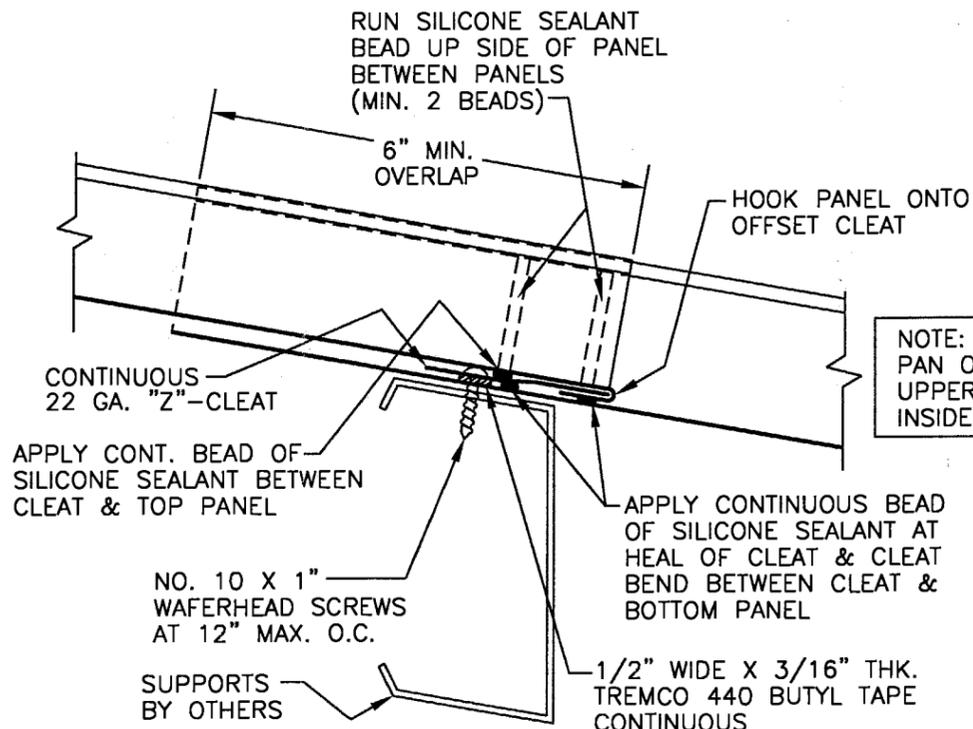
NOTE: ALL FLASHING MATERIAL NOT CALLED OUT WITH A SPECIFIC GAGE THICKNESS SHALL BE MIN. 24 GAGE.



PANEL CLIP DETAIL
24 GA. (MIN. 0.0225" THICK) METAL CLIP
ASTM A653, GRADE 50 STEEL
SCALE: 3"=1'-0"



PANEL DETAIL
22 GA. (MIN. 0.0299" THICK W/ GALVANIC COATING) METAL PANEL
SCALE: 3"=1'-0"



PANEL OVERLAP DETAIL
SCALE: NTS
(PANEL CLIP NOT SHOWN FOR CLARITY; CLIP MAY SIT ON TOP OF CLEAT OR CLEAT MAY BE ROUTED TO ALLOW FOR CLIP PLACEMENT.)

NOTE: PROVIDE RELIEF BEAD IN PAN OF UPPER PANEL TO ALLOW UPPER PANEL TO NEST PROPERLY INSIDE LOWER PANEL.

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE 09/06/2001
BY *Warren W. Schaefer*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0830.04

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PLOT: 1=16	DATE: 08/15/00
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REVISION DESCRIPTION	
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DRAWING TITLE RSS16-2MS STANDING SEAM STRUCTURAL METAL ROOF PANELS	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4902 FAX: 561-775-4903	MANUFACTURER ROOF SYSTEM SERVICES, INC. 2251 HAMMONDVILLE ROAD #300 POMPANO BEACH, FL 33069 954-972-3710
CERTIFICATION APR 19 2001 <i>Warren W. Schaefer</i> WARREN W. SCHAEFER, P.E. P.E. NO. 44135	DRAWING NO. 1016
	REV. SHEET NO. 3 OF 3