

# TABLE OF CONTENTS

# **GENERAL DETAILS**

EA6000 - ROOF PANEL HAND TOOLS

EA6010 - SS360 GENERAL NOTES

EA6010 - SSII GENERAL NOTES

EA6011 - SS360 BASIC PANEL INSTALLATION

EA6011 - SSII BASIC PANEL INSTALLATION

EA6012 - SS360 MODULARITY GUIDANCE

EA6016 - SS360 ROOF CLIP PLAN

EA6018 - SS360 REINFORCED PANEL CLIP

EA6019 - SSII REINFORCED PANEL CLIP

EA6020 - SS360 PANEL ENDLAP

EA6020 - SSII PANEL ENDLAP

EA6029 - SSII REINFORCED SEAM CLAMP

EA6035 - SS360 START / FINISH PANEL WIDTH DETAIL

EA6035 - SSII START PANEL CUT DIMENSION DETAIL

EA6076 - TRIM LAP COMPRESSION FASTENER

EA6200 - PIPE BOOT



TRAPEZOIDAL SEAM ROOF PANELS

EA6000 - ROOF PANEL HAND TOOLS / INSTALLATION VIDEOS

Download the DWG file by clicking here.

# **IMPORTANT!**

ROOF PANEL HAND TOOLS ARE NO LONGER PURCHASED THROUGH eQuote OR STEEL STORE. ROOF PANEL HAND TOOLS CAN BE PURCHASED THROUGH D.I. ROOF SEAMERS

SCAN THE QR CODE DIRECTLY BELOW FOR TOOL PURCHASE AND SEAMER RENTAL OR VISIT HTTP://DIROOFSEAMERS.COM/NBG OR CALL 1(888) 343-0456.



INSTALLATION VIDEOS ARE NOW AVAILABLE TO ACCOMPANY ERECTION DETAILS. SCAN THE QR CODE ADJACENT TO THE TOPIC TO VIEW.

https://vimeo.com/showcase/11423087





**RAKE SUPPORT** ANGLE



**ROOF START PANEL** 



**CLOSURE** 



**ON-SLOPE GUTTER** 



**SCULPTURED RAKE TRIM** 

FA6000

### **Detailer Notes:**

1) DETAIL TO BE INSERTED INTO EVERY JOB THAT HAS BEEN ORDERED AFTER 10/12/2023.

2) IF HAND TOOLS HAVE BEEN ORDERED IN BOX 6 OF THE ORDER DOCUMENT, TURN OFF CORRESPONDING LAYER.

: 11.05.24 (MR2024.11) **CERTIFIED ERECTION DETAILS** Detail Size (W x H): 4 X 3 Issued



TRAPEZOIDAL SEAM ROOF PANELS

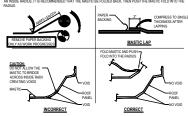
# EA6010 - SS360 GENERAL NOTES

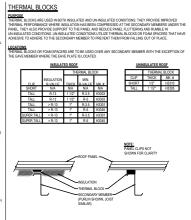
Download the DWG file by clicking here.

### DESIGN AND PERFORMANCE CRITERIA

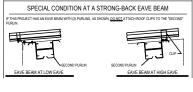
PAINTED ROOF
PAINTED STANDING SEAM ROOF PAINELS ARE OFTEN PROVIDED BY MBS. IN THIS CASE, GUTTER
OUTSIDE CLOSURES WILL BE PAINTED TO MATCH THE ROOF COLOR AS A STANDARD.

### MASTIC APPLICATION

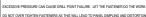








# FASTENER INSTALLATION











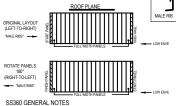












EA6010

### **Detailer Notes:**

1) THIS DETAIL REQUIRED ON EVERY TRAPEZOIDAL ROOF PROJECT.

: 12.20.24 (2024-015) **CERTIFIED ERECTION DETAILS** Detail Size (W x H): 4 x 3 Issued



TRAPEZOIDAL SEAM ROOF PANELS

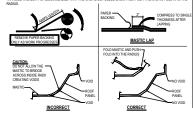
# EA6010 - SSII GENERAL NOTES

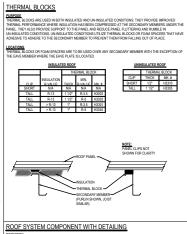
Download the DWG file by clicking here.

### DESIGN AND PERFORMANCE CRITERIA

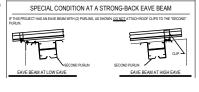
PAINTED ROOF
PAINTED STANDING SEAM ROOF PAINELS ARE OFTEN PROVIDED BY MBS. IN THIS CASE, GUTTER
OUTSIDE CLOSURES WILL BE PAINTED TO MATCH THE ROOF COLOR AS A STANDARD.

### MASTIC APPLICATION

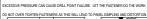








# FASTENER INSTALLATION







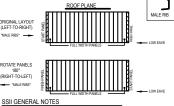








# ROOF SHEETING DIRECTION



EA6010

### **Detailer Notes:**

1) THIS DETAIL REQUIRED ON EVERY TRAPEZOIDAL ROOF PROJECT.

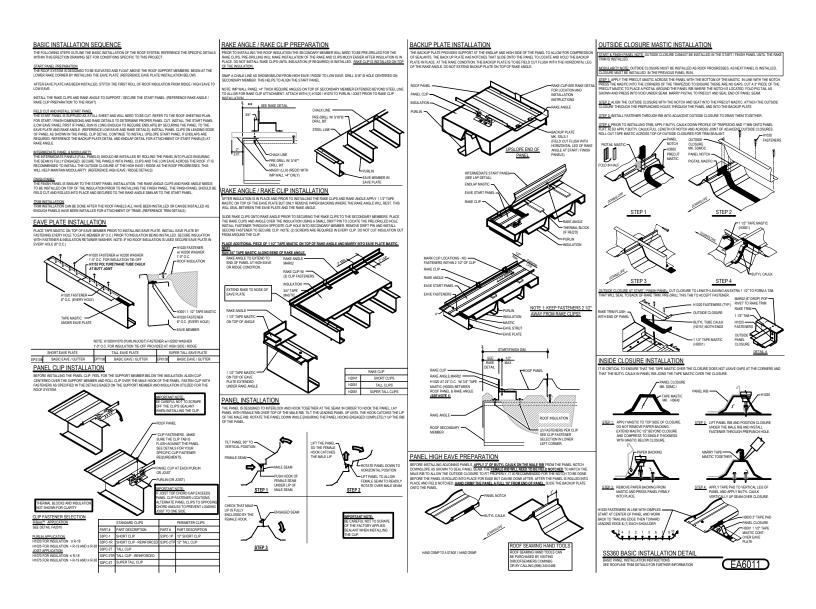
: 12.20.24 (2024-015) **CERTIFIED ERECTION DETAILS** Detail Size (W x H): 4 x 3 Issued



TRAPEZOIDAL SEAM ROOF PANELS

# EA6011 - SS360 BASIC PANEL INSTALLATION

Download the DWG file by clicking here.



### **Detailer Notes:**

- 1) THIS DETAIL REQUIRED ON EVERY TRAPEZOIDAL ROOF PROJECT.
- 2) TURN ON THE CORRECT LAYER BASED ON THE SPECIFIC TRAPEZOIDAL PANEL PROFILE AND TURN OFF THE PANEL PROFILES NOT USED.

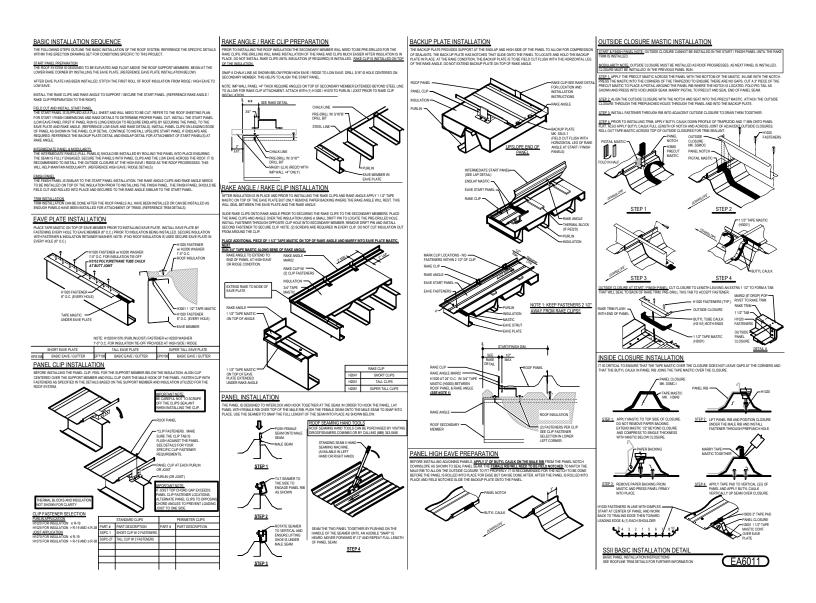
Issued : 01.14.25 (MR2025.01) CERTIFIED ERECTION DETAILS Detail Size (W x H) : 4 x 3



TRAPEZOIDAL SEAM ROOF PANELS

# EA6011 - SSII BASIC PANEL INSTALLATION

Download the DWG file by clicking here.



### **Detailer Notes:**

- 1) THIS DETAIL REQUIRED ON EVERY TRAPEZOIDAL ROOF PROJECT.
- 2) TURN ON THE CORRECT LAYER BASED ON THE SPECIFIC TRAPEZOIDAL PANEL PROFILE AND TURN OFF THE PANEL PROFILES NOT USED.

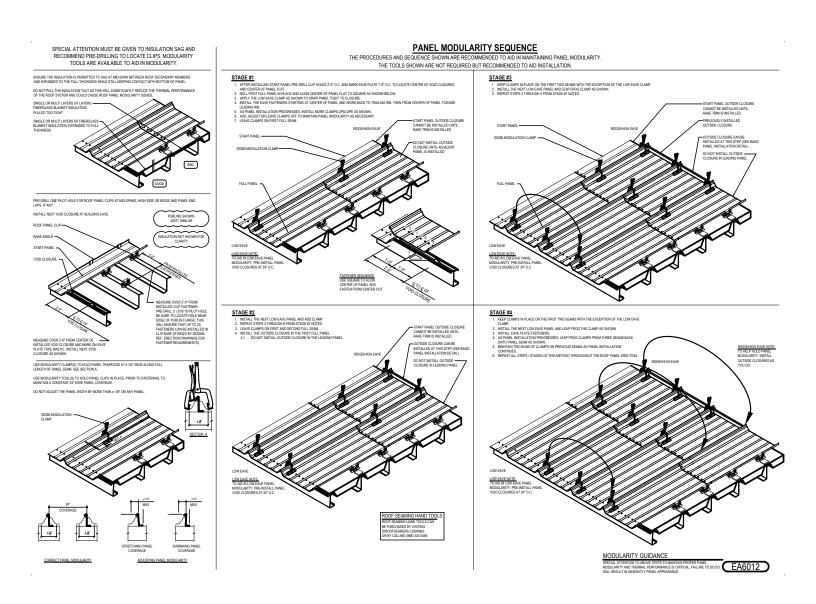
Issued : 01.14.25 (MR2025.01) CERTIFIED ERECTION DETAILS Detail Size (W x H) : 4 x 3



TRAPEZOIDAL SEAM ROOF PANELS

# EA6012 - SS360 MODULARITY GUIDANCE

Download the DWG file by clicking here.



### **Detailer Notes:**

1) THIS DETAIL REQUIRED ON EVERY TRAPEZOIDAL ROOF PROJECT.

Issued : 12.12.24 (MR2024.12) CERTIFIED ERECTION DETAILS Detail Size (W x H) : 4 x 3

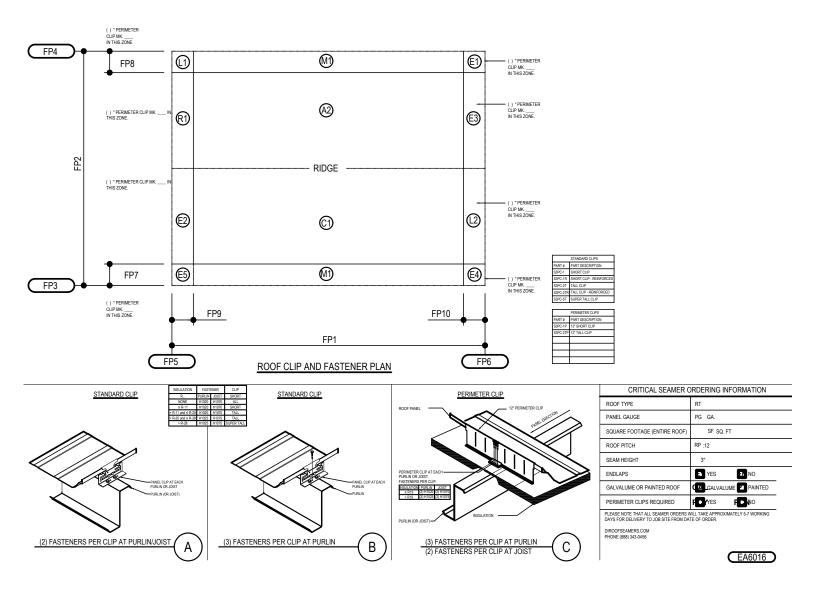
Issued By: DMB



TRAPEZOIDAL SEAM ROOF PANELS

# EA6016 - SS360 ROOF CLIP PLAN

Download the DWG file by clicking here.



# **Detailer Notes:**

1) THIS DETAIL IS REQUIRED ON EVERY TRAPEZOIDAL ROOF PROJECT.

2) DETAILER NOTE: ATTRIBUTES WITH "SP" TAG DO NOT NEED TO BE FILLED OUT.

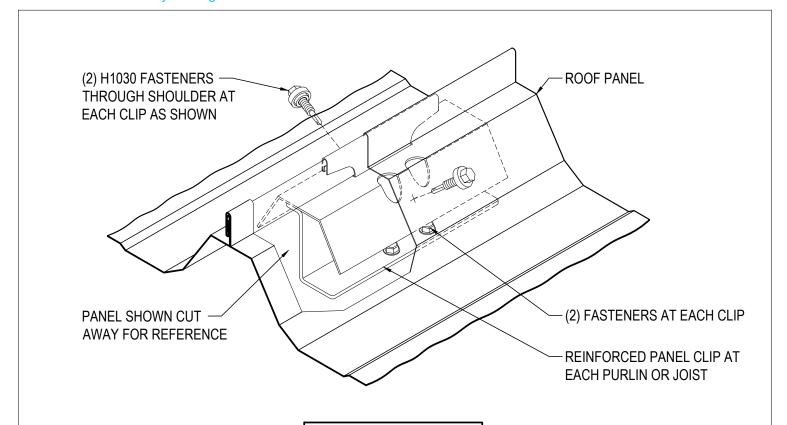
Issued: 12.20.24 (2024-011) CERTIFIED ERECTION DETAILS Detail Size (W x H): 4 x 3



TRAPEZOIDAL SEAM ROOF PANELS

### EA6018 - SS360 REINFORCED PANEL CLIP

Download the DWG file by clicking here.



# CLIP FASTENER SELECTION

PURLIN APPLICATION
H1020 FOR INSULATION ≤ R-20
H1025 FOR INSULATION > R-20 AND ≤ R-28
JOIST APPLICATION
H1070 FOR INSULATION ≤ R-20
H1075 FOR INSULATION > R-20 AND ≤ R-28

# **IMPORTANT NOTE:**

IF JOIST TOP CHORD GAP EXCEEDS PANEL CLIP FASTENER LOCATIONS, ALTERNATE PANEL CLIPS TO OPPOSING CHORD ANGLES TO PREVENT LOADING JOIST TO ONE SIDE.

THERMAL BLOCKS AND INSULATION NOT SHOWN FOR CLARITY

	REINFORCED CLIPS
PART#	PART DESCRIPTION
S3PC-1R	SHORT CLIP - REINFORCED
S3PC-2TR	TALL CLIP - REINFORCED

# SS360 REINFORCED PANEL CLIP

FACTORY MUTUAL APPROVED

EA6018

### **Detailer Notes:**

1) THIS DETAIL REQUIRED ONLY ON FM RATED PROJECTS WITH 24GA PANEL. IF 22GA PANEL IS USED THE REINFOCED CLIP IS NOT REQUIRED. REFERENCE THE PRAC MANUAL.

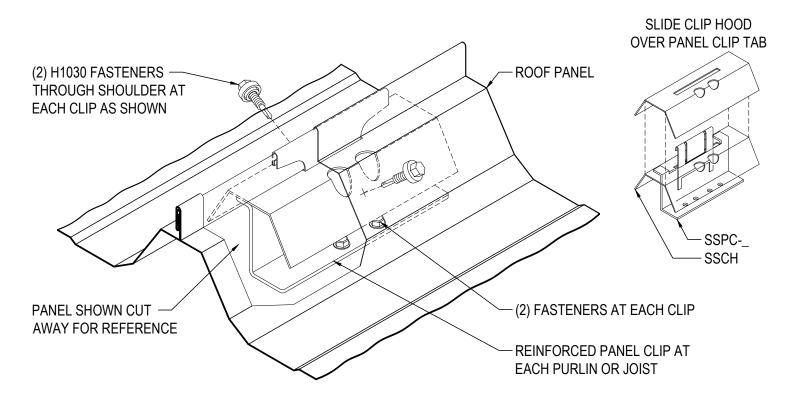
Issued: 01.14.25 (MR2025-01) CERTIFIED ERECTION DETAILS Detail Size (W x H): 1 x 1



TRAPEZOIDAL SEAM ROOF PANELS

### EA6019 - SSII REINFORCED PANEL CLIP

Download the DWG file by clicking here.



# **CLIP FASTENER SELECTION**

PURLIN APPLICATION
H1020 FOR INSULATION ≤ R-20
H1025 FOR INSULATION > R-20 AND ≤ R-28

 $\frac{\text{JOIST APPLICATION}}{\text{H1070 FOR INSULATION}}$  ≤ R-20 H1075 FOR INSULATION > R-20 AND ≤ R-28

# **IMPORTANT NOTE:**

IF JOIST TOP CHORD GAP EXCEEDS PANEL CLIP FASTENER LOCATIONS, ALTERNATE PANEL CLIPS TO OPPOSING CHORD ANGLES TO PREVENT LOADING JOIST TO ONE SIDE.

THERMAL BLOCKS AND INSULATION NOT SHOWN FOR CLARITY

STANDARD CLIPS	
PART#	PART DESCRIPTION
SSPC-1	SHORT CLIP
SSPC-2T	TALL CLIP

# SSII REINFORCED PANEL CLIP

REINFORCED CLIP REQUIRED AS SHOWN ON PLAN

EA6019

### **Detailer Notes:**

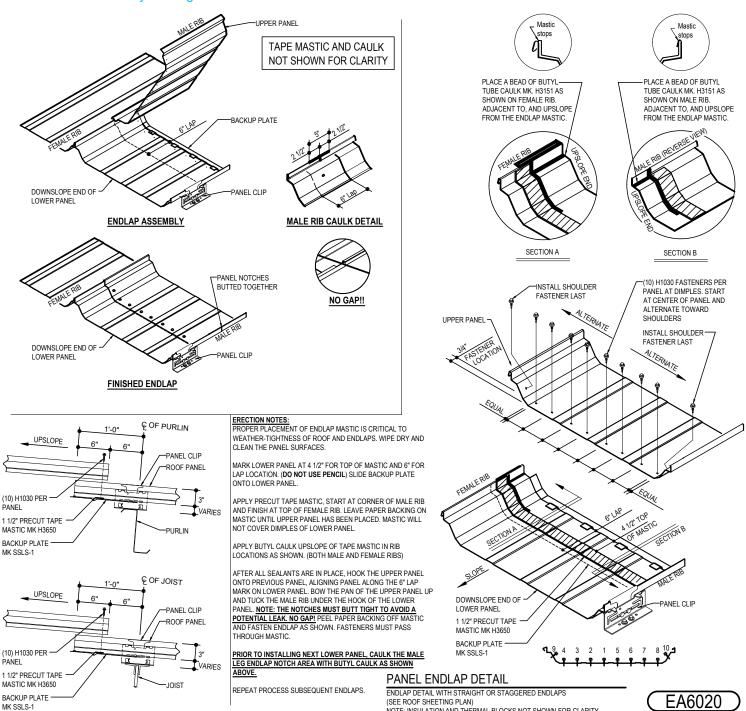
1) THIS DETAIL REQUIRED ONLY PER DESIGN.

Issued : 01.14.25 (MR2025-001) CERTIFIED ERECTION DETAILS Detail Size (W x H) : 1 x 1



### EA6020 - SS360 PANEL ENDLAP

Download the DWG file by clicking here.



### **Detailer Notes:**

- 1) THIS DETAIL IS REQUIRED ON EVERY PROJECT WITH TRAPEZOIDAL ROOF PANEL WITH ENDLAPS.
- 2) TURN ON THE CORRECT LAYER BASED ON THE SPECIFIC TRAPEZOIDAL PANEL PROFILE AND TURN OFF THE PANEL PROFILES NOT USED.

NOTE: INSULATION AND THERMAL BLOCKS NOT SHOWN FOR CLARITY

3) THIS STANDARD DETAIL IS APPROVED FOR MIAMI-DADE USE. ALTERATIONS TO THIS DETAIL MAY IMPACT APPROVAL.

: 08.06.24 (2024-001) **CERTIFIED ERECTION DETAILS** Detail Size (W x H): 2 x 2 Issued

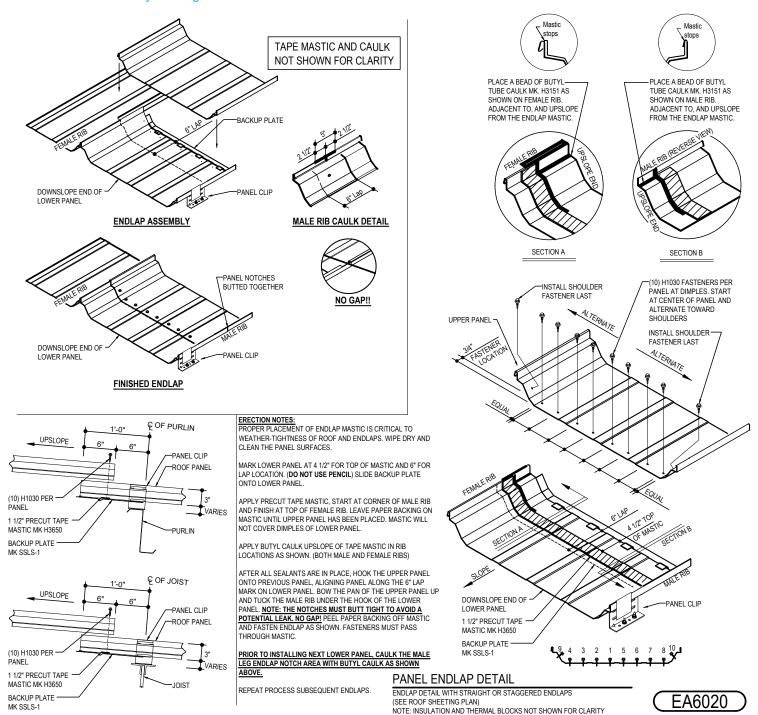






# EA6020 - SSII PANEL ENDLAP

Download the DWG file by clicking here.



### **Detailer Notes:**

- 1) THIS DETAIL IS REQUIRED ON EVERY PROJECT WITH TRAPEZOIDAL ROOF PANEL WITH ENDLAPS.
- 2) TURN ON THE CORRECT LAYER BASED ON THE SPECIFIC TRAPEZOIDAL PANEL PROFILE AND TURN OFF THE PANEL PROFILES NOT USED.

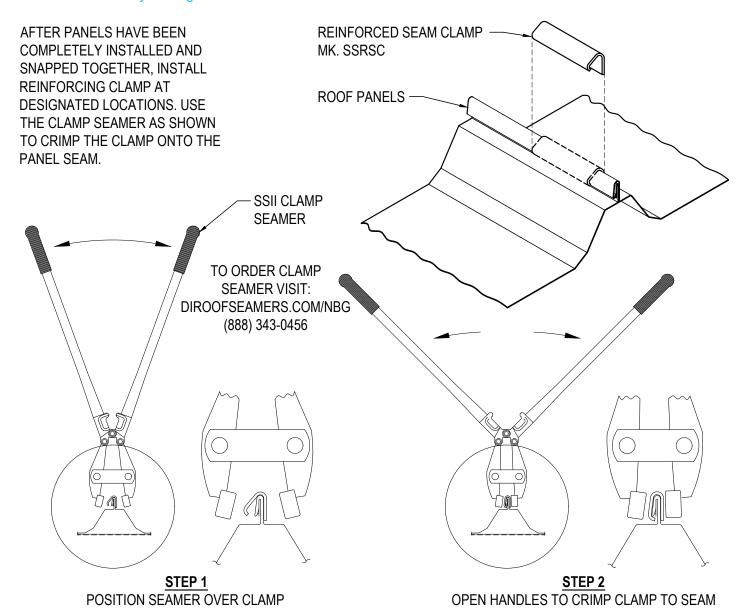
Issued : 08.06.24 (2024-001) **CERTIFIED ERECTION DETAILS** Detail Size (W x H) : 2 x 2



TRAPEZOIDAL SEAM ROOF PANELS

# EA6029 - SSII REINFORCED SEAM CLAMP

Download the DWG file by clicking here.



# SSII REINFORCED SEAM CLAMP

REINFORCED SEAM CLAMP REQUIRED AS SHOWN ON PLAN

EA6029

Detail Size (W x H): 1 x 1

### **Detailer Notes:**

1) THIS DETAIL REQUIRED ONLY PER DESIGN.

: 12.12.24 (MR2024.12) Issued By: DMB

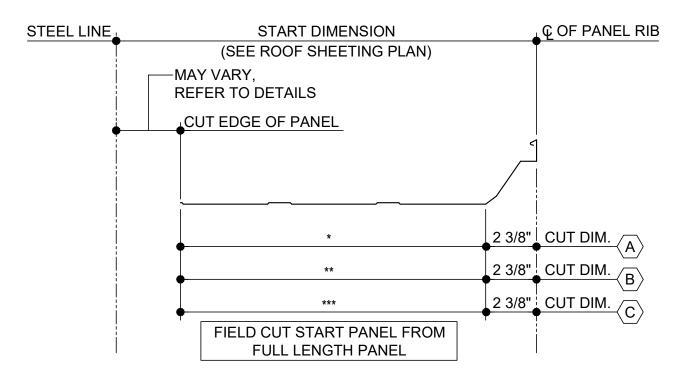
Issued



TRAPEZOIDAL SEAM ROOF PANELS

EA6035 - SS360 START PANEL CUT DIMENSION DETAIL

Download the DWG file by clicking here.



# START PANEL CUT DIMENSION DETAIL

- WHEN FIELD CUTTING OR MITERING ROOF PANELS, NON-ABRASIVE CUTTING TOOLS SUCH AS NIBBLERS OR TIN-SNIPS SHALL BE USED.
- ABRASIVE CUTTING TOOLS SUCH AS MECHANICAL GRINDERS, SAWS, SHEARS OR SCISSORS CAN DAMAGE THE PANEL FINISH AND CREATE EXCESS METAL SHAVINGS THAT CAN CORRODE THE PANELS.
- THE USE OF NON-APPROVED CUTTING DEVICES MAY VOID YOUR FACTORY WARRANTY.

EA6035

Detail Size (W x H): 1 x 1

### **Detailer Notes:**

1) THIS DETAIL REQUIRED ON EVERY TRAPEZOIDAL ROOF PROJECT

2) THIS DETAIL SHOULD BE PLACED ON THE ROOF SHEETING PLAN

Issued : 08.20.24 (MR2024.09) **CERTIFIED ERECTION DETAILS** 

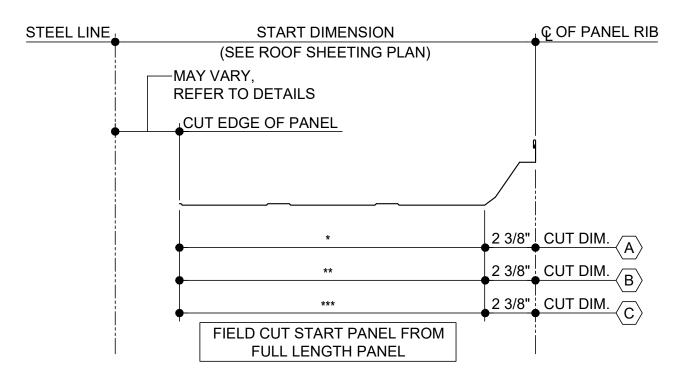
Issued By: WME



TRAPEZOIDAL SEAM ROOF PANELS

### EA6035 - SSII START PANEL CUT DIMENSION DETAIL

Download the DWG file by clicking here.



# START PANEL CUT DIMENSION DETAIL

- WHEN FIELD CUTTING OR MITERING ROOF PANELS, NON-ABRASIVE CUTTING TOOLS SUCH AS NIBBLERS OR TIN-SNIPS SHALL BE USED.
- ABRASIVE CUTTING TOOLS SUCH AS MECHANICAL GRINDERS, SAWS, SHEARS OR SCISSORS CAN DAMAGE THE PANEL FINISH AND CREATE EXCESS METAL SHAVINGS THAT CAN CORRODE THE PANELS.
- THE USE OF NON-APPROVED CUTTING DEVICES MAY VOID YOUR FACTORY WARRANTY.

EA6035

### **Detailer Notes:**

1) THIS DETAIL REQUIRED ON EVERY TRAPEZOIDAL ROOF PROJECT

2) THIS DETAIL SHOULD BE PLACED ON THE ROOF SHEETING PLAN

Issued : 08.20.24 (MR2024.09) **CERTIFIED ERECTION DETAILS** Detail Size (W x H): 1 x 1

Issued By: WME



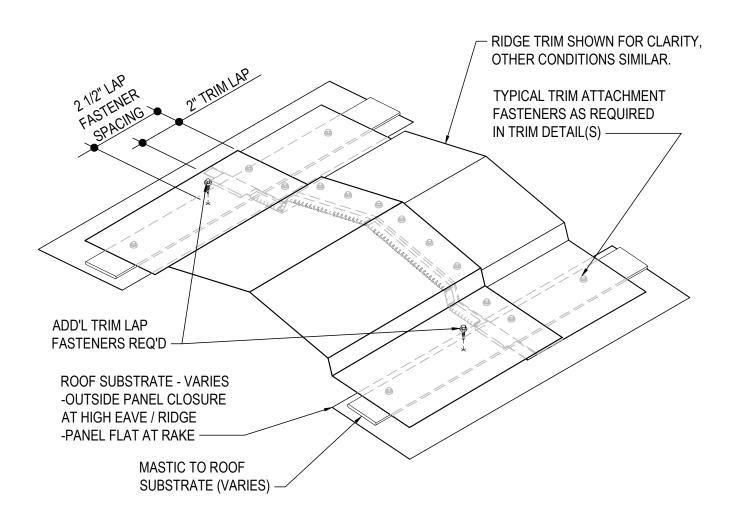
**INSULATED WALL SHEETING** 

### EA6076 - TRIM LAP COMPRESSION FASTENER

Download the DWG file by clicking here.

### NOTE:

REFERENCE TRIM CONDITION DETAIL FOR REQUIRED SEALANT AND FASTENERS



# TRIM LAP COMPRESSION FASTENER

THE ADDITIONAL FASTENER IS REQUIRED AT TRIM LAPS TO AID IN ELIMINATING GAPS AND COMPRESSING SEALANTS WHERE THE MULTIPLE LAYERS OF FLASHING COME TOGETHER.

EA6076

### **Detailer Notes:**

- 1) THIS DETAIL IS TO BE PROVIDED ON ALL PROJECTS WHERE THERE IS LAPPED ROOF LINE TRIM.
- 2) THIS DETAIL IS DUPLICATE OF DA0076, EA3076, EA8076 AND FA2076. DUPLICATE DETAILS ARE TO ENSURE THAT THEY ARE PLACED IN ORDER IN ERECTION DRAWINGS.

Issued : 08.06.24 (2024-001) **CERTIFIED ERECTION DETAILS** Detail Size (W x H) : 1 x 1



TRAPEZOIDAL SEAM ROOF PANELS

PIPE MATERIAL (BY OTHERS). FIELD

### EA6200 - PIPE BOOT

Download the DWG file by clicking here.

# NOTES: 1.) IF PIPE BOOT FITS BETWEEN THE MAJOR RIBS, IT IS RECOMMENDED TO ROTATE THE PIPE BOOT 45° FROM WHAT IS SHOWN.

2.) IF PIPE BOOT FITS <u>OVER</u> THE PANEL RIB, THE PANEL SEAM IN THAT AREA MUST BE HAND CRIMPED TO A <u>FULL 360</u> CONDITION BEFORE INSTALLING THE PIPE BOOT.

CUT THE PIPE BOOT TO FIT SNUG.

TRAPEZOIDAL SEAM ROOF

PLACE 3/4" TAPE MASTIC (MK. H3000) UNDER THE FULL PERIMETER OF THE PIPE BOOT. CAULK AROUND THE PERIMETER WITH TUBE CAULK (MK. H3152) TO CREATE A WEATHERTIGHT SEAL.

PIPE BOOT . PLACE AN H1050 FASTENER AROUND THE PERIMETER WITH A MAX SPACING OF 2". THE FASTENERS MUST PENETRATE THE TAPE MASTIC TO CREATE AN EFFECTIVE SEAL. (PIPE BOOT BASE MAY BE SQUARE AS SHOWN OR ROUND).

# PIPE BOOT DETAIL

# PIPE BOOT PART NUMBERS

(#3) H3500 1/4"-5" DIAMETER

(#5) H3510 4 1/4"-7 1/2" DIAMETER

(#8) H3520 7"-13" DIAMETER

EA6200

**Detailer Notes:** 

1) N/A

Issued: 06.08.23 (MR2023.06) CERTIFIED ERECTION DETAILS Detail Size (W x H): 1 x 1