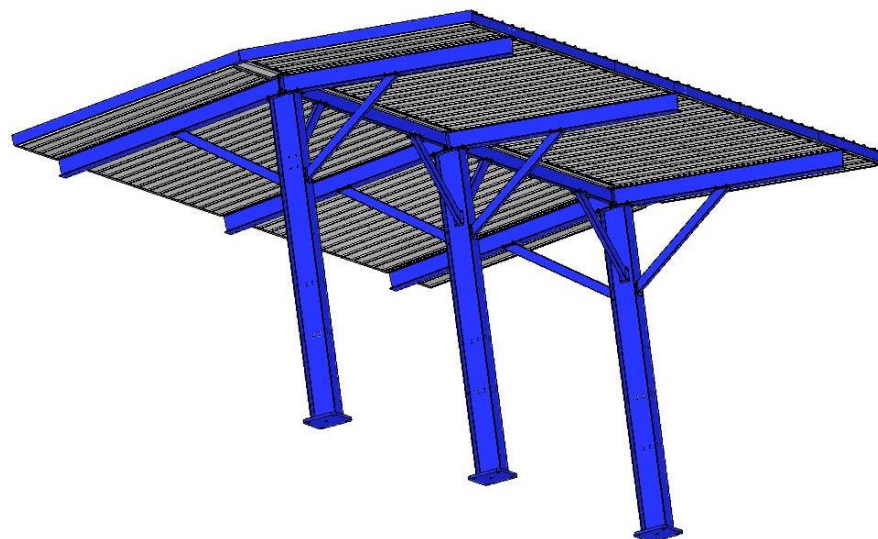




Models- **42000 HAVEN SOFFIT AND TRIM**

Page 2	Product Information
Page 3	Specifications, Color Decisions
Page 4	Product Dimensions
Page 5-6	Optional Trim Support Additions.
Page 7-15	Trim and Soffit Installation
Page 16	Maintenance
Page 21-25	Parts



# **PRODUCT INFORMATION**

Please take a moment to fill out the information below in order to aid us with any future sales or service inquiries. Model number and serial number information can be found on the serial tag located inside the control box and/or on the lower exterior of the can. Key number can be found on the tag that comes attached to the keys. There may be more than one key number depending on unit.

**Please keep this information with your records.**

**MODEL#:**\_\_\_\_\_

**SERIAL#:**\_\_\_\_\_

**KEY NUMBER(S):**\_\_\_\_\_

**DATE PURCHASED:**\_\_\_\_\_

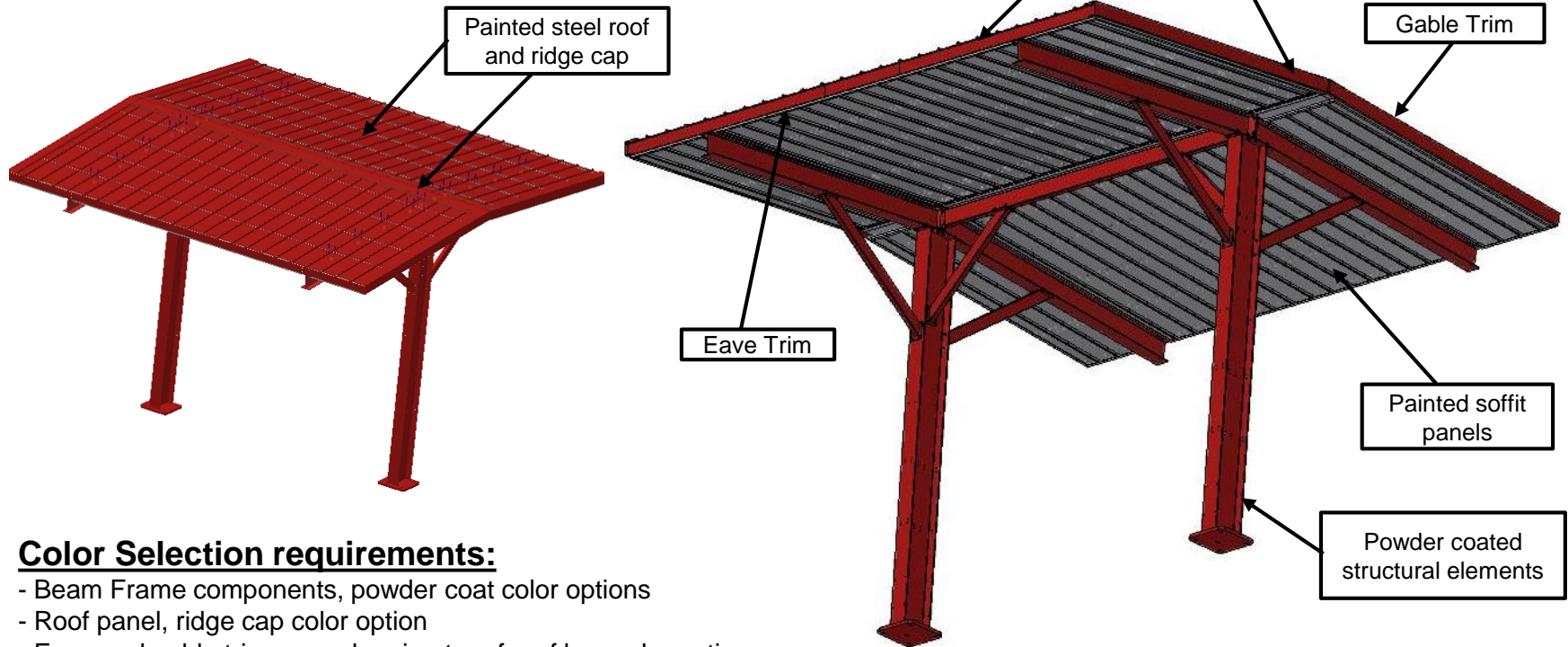
**DISTRIBUTOR:**\_\_\_\_\_

**J.E. Adams Industries  
1025 63rd Ave. S.W.  
Cedar Rapids, IA 52404  
1-800-553-8861  
[www.jeadams.com](http://www.jeadams.com)**

# Specifications

## Unit features:

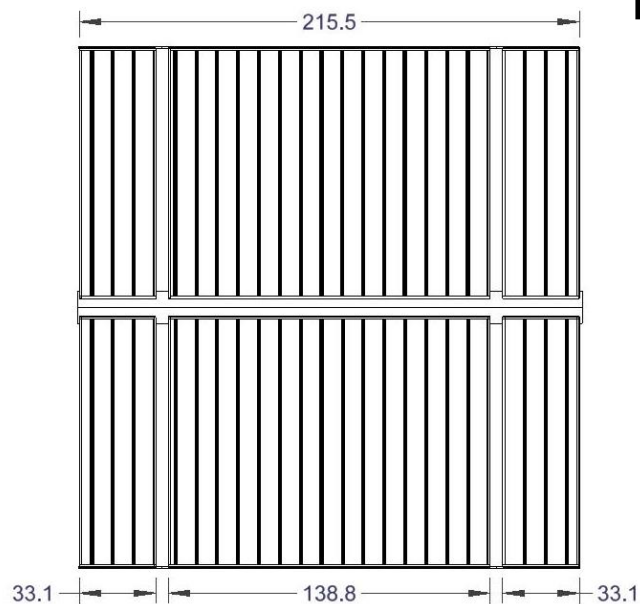
- Large selection of color options for soffit panels and trim pieces
- Trim can be installed without need of soffit to just finish out perimeter
- Soffit and trim options for stand alone and daisy chained shelters.



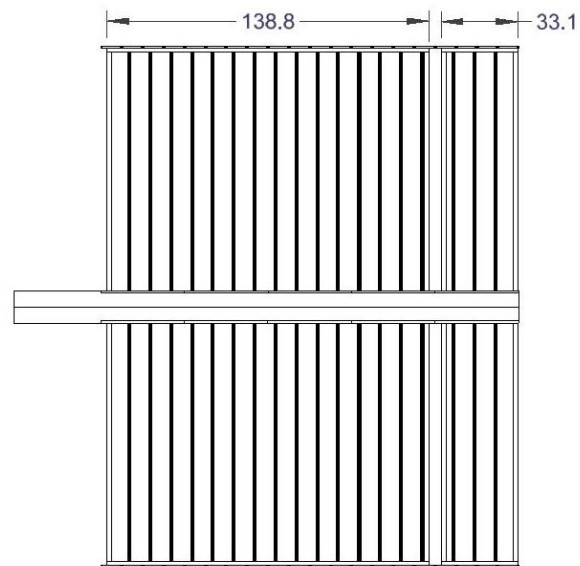
## Color Selection requirements:

- Beam Frame components, powder coat color options
- Roof panel, ridge cap color option
- Eave and gable trim around perimeter of roof has color option, typically same as roof.
- Soffit panel, J channel, center trim has color option, typically best to choose lighter color to help reflect light.

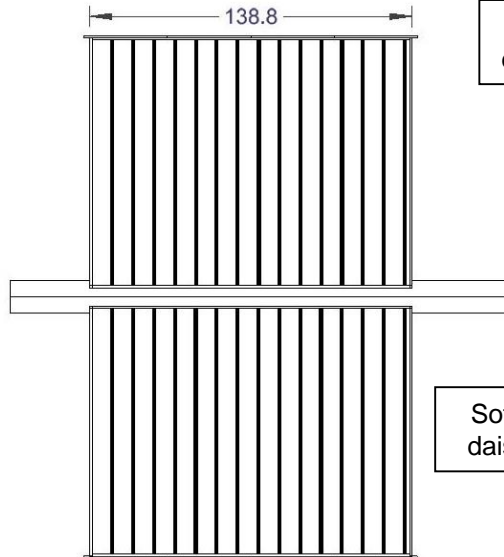
# Dimensions



Soffit and trim layout for stand alone shelter, 42000-1



Soffit and trim layout for end section of daisy chain (multi-bay) shelter, 42000-2

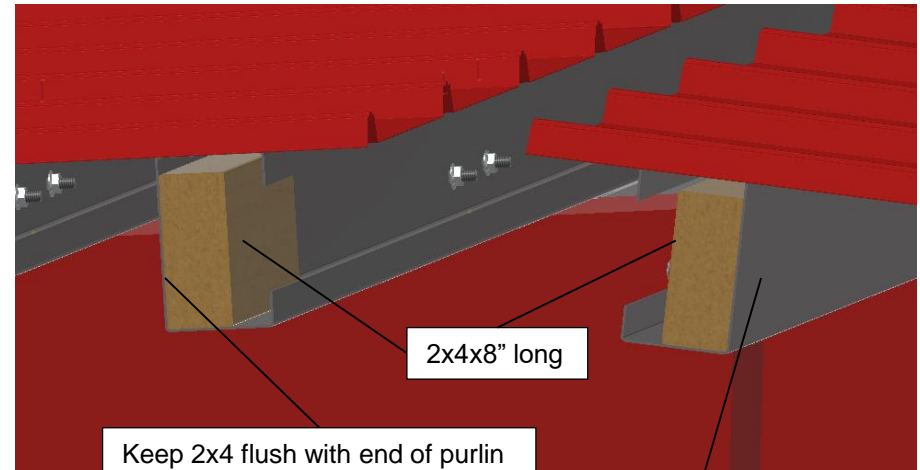
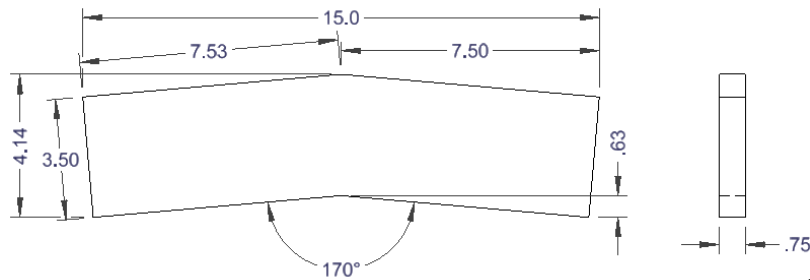


Soffit and trim layout for center section of daisy chain (multi-bay) shelter, 42000-2-1

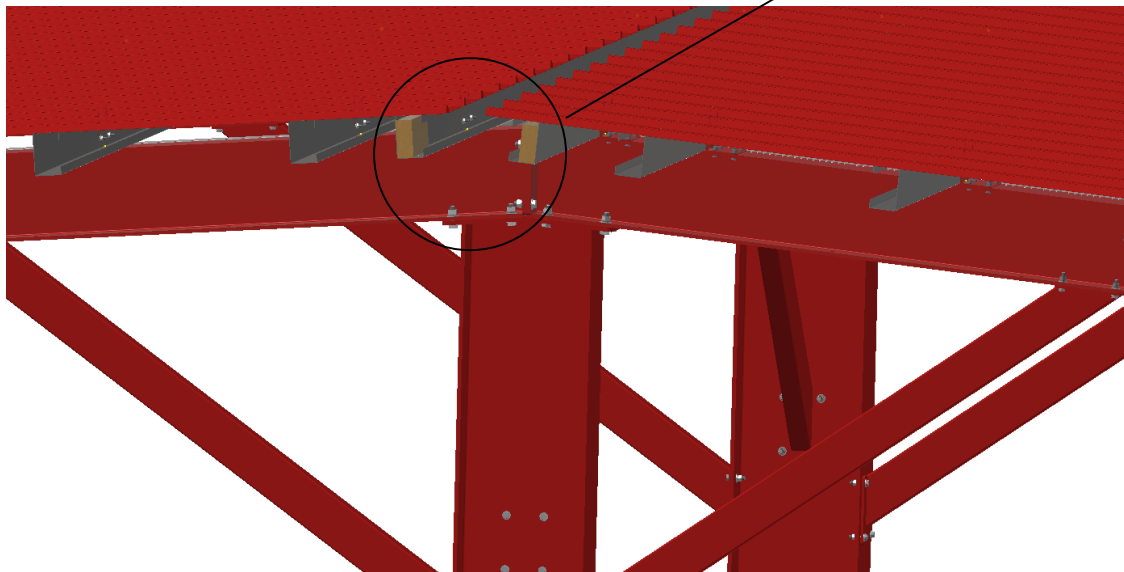
## Gable Trim Support

**These are suggested to aid assembly but are not required and wood pieces not included.**

1. (4) (two per gable end of shelter) 2x4x8" wood
2. (2) (one per gable end) 1x6 x 15" wood or  $\frac{3}{4}$ " plywood  
(drawing below)
3. Wood screws to attach  $\frac{3}{4}$ " thick wood to ends of 2x4



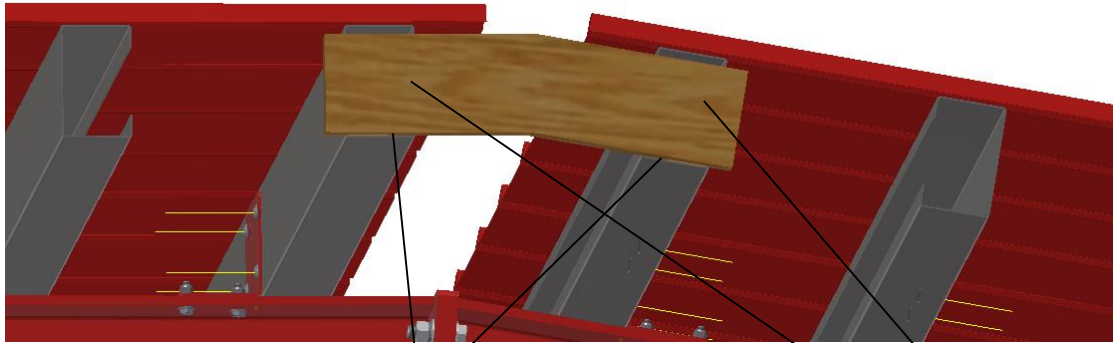
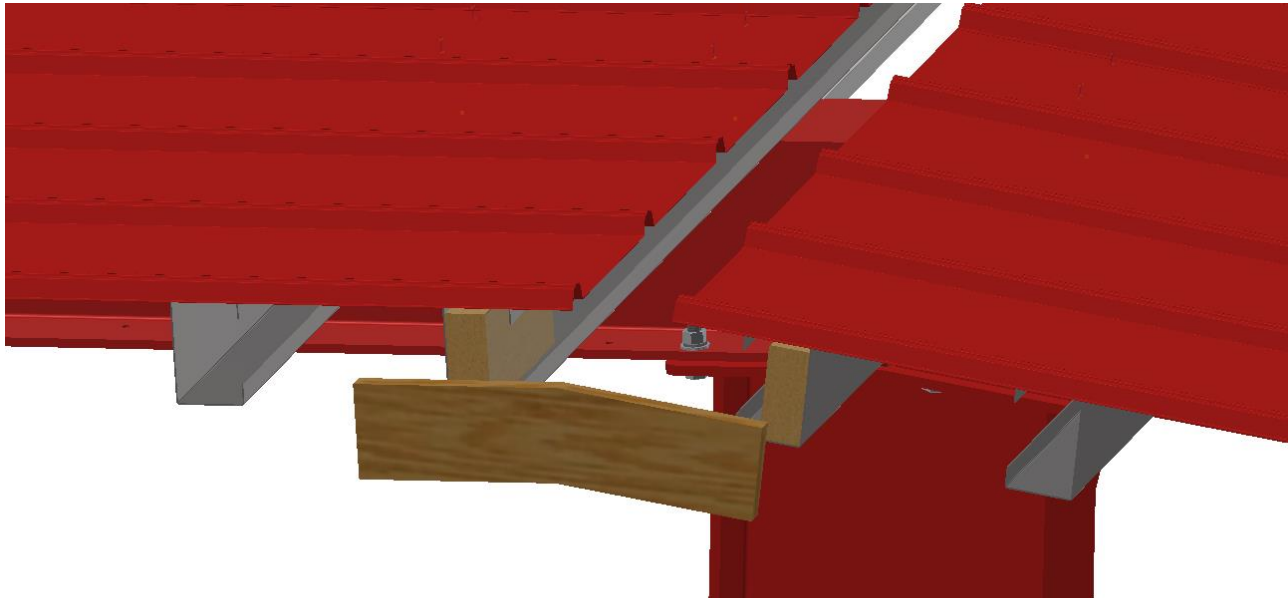
Step 1. Use self drilling roof screws through side of purlin to attach 2x4. Flush with end of purlin



Purpose of this addition is to help secure the gable end trim at the peak in future step. This wood addition will give something to screw gable trim to where the 2 gable end trim pieces come together at the peak.

## Gable Trim Support

These are suggested to aid assembly but are not included.



Keep  $\frac{3}{4}$ " thick board flush with bottom of 2x4

Step 2. Using flat head wood screws attach  $\frac{3}{4}$ " board to ends of 2x4



# Center Soffit Trim Piece Installation

Step 1. Place a temporary spacer, 1.25" thick, on top of 2x6 center horizontal support bar. Tape in place. This is to support trim piece in next steps.

DETAIL B  
SCALE .075

Step 3. Install last two purlins over top of trim piece essentially pinching it for temporary hold. End of trim piece should be left even with purlin on the gable end.

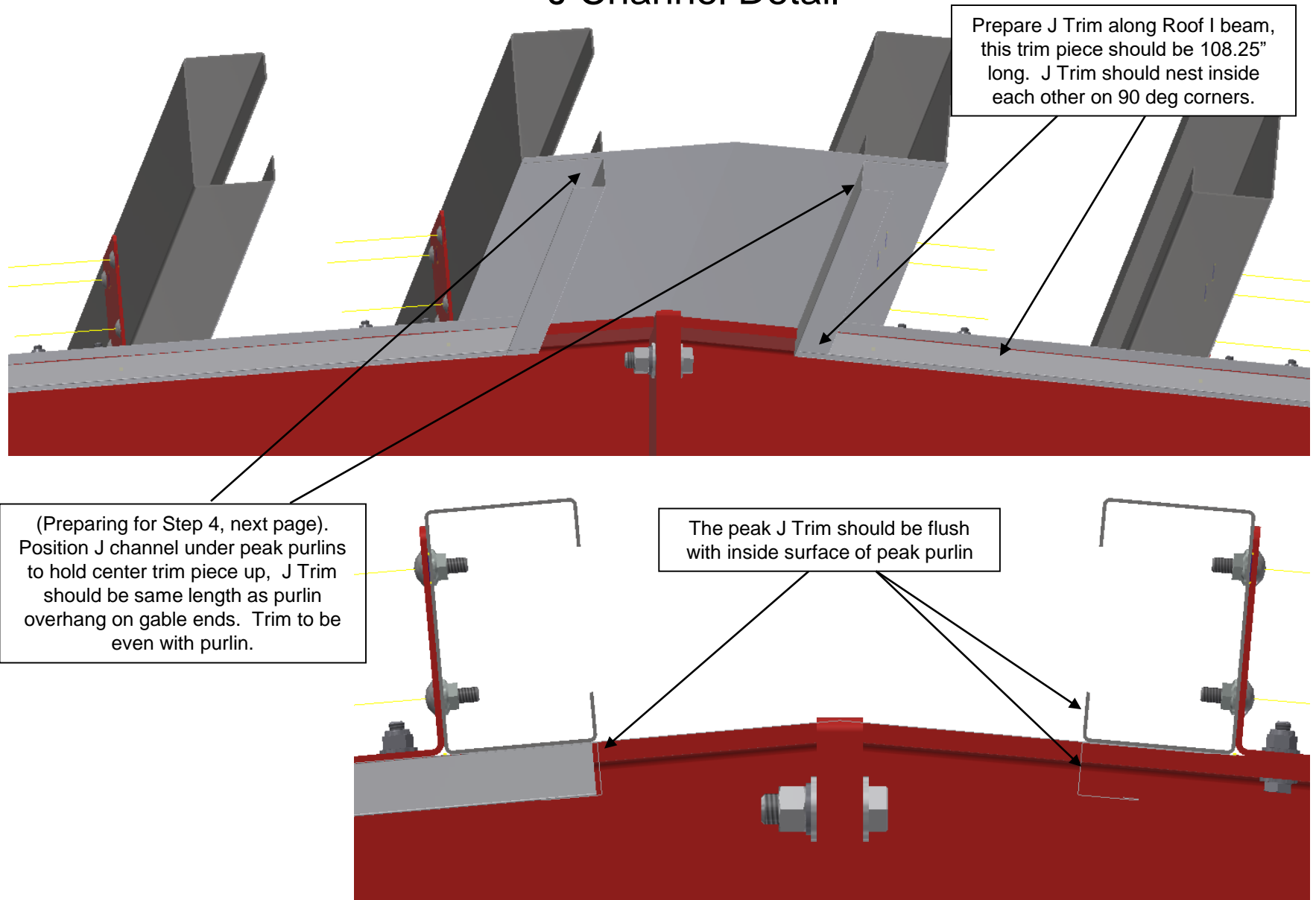
Center Trim 42000-19-4 sets under the top purlins

Tape edges of trim to purlin until J channels can be installed. Keep tape short on trim and J trim will cover it.

DETAIL A  
SCALE .1

Step 2. Before the last two peak purlins are installed roll out 42000-19-4 trim and lay across length of shelter, setting on top of roof I beams and 2x6 center support bar, painted side down.

## J Channel Detail





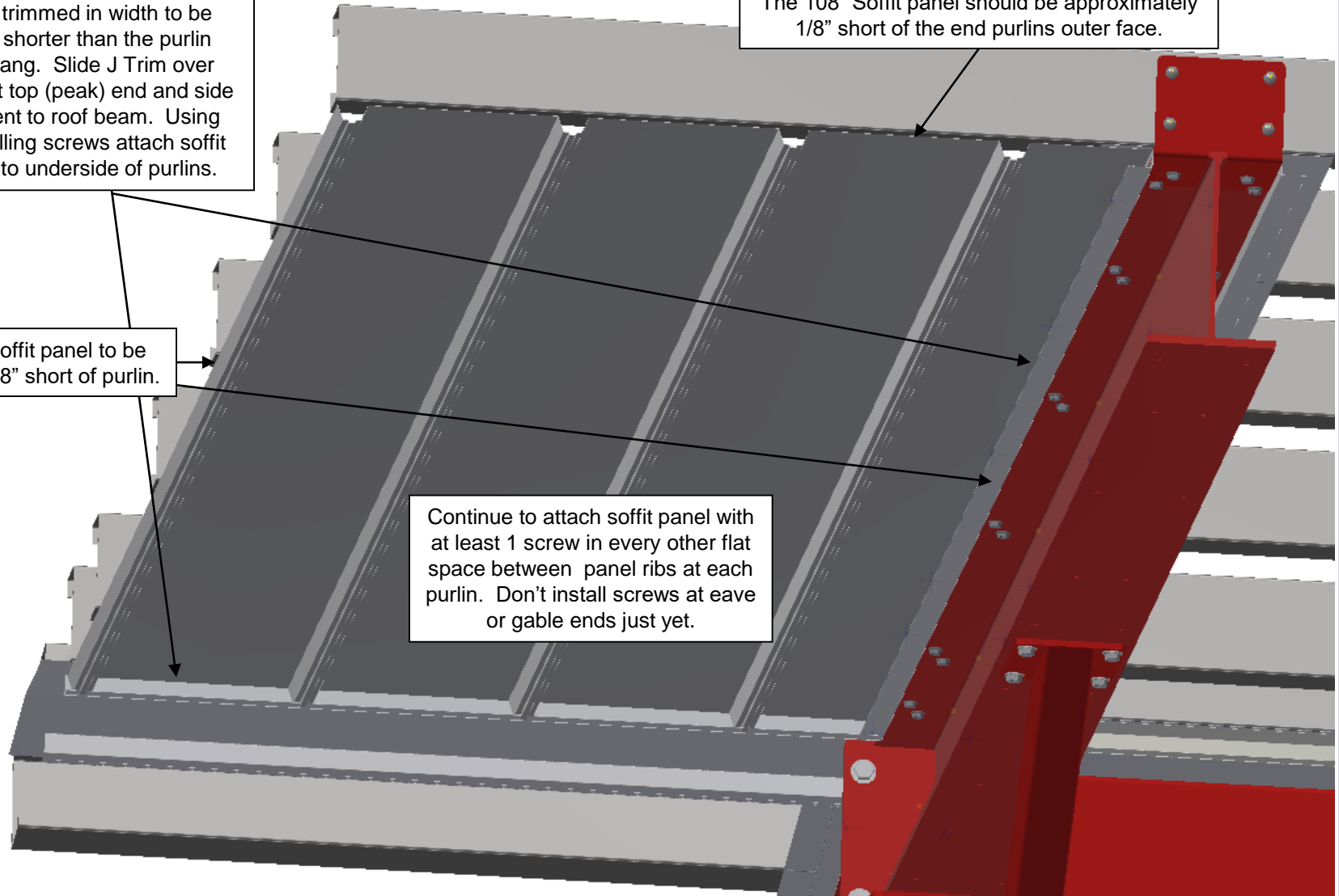
## J Channel 1<sup>st</sup> Soffit Panel Installation

Step 4. Install Soffit panel (108" long) trimmed in width to be .125" shorter than the purlin overhang. Slide J Trim over panel at top (peak) end and side adjacent to roof beam. Using self-drilling screws attach soffit panel to underside of purlins.

The 108" Soffit panel should be approximately 1/8" short of the end purlins outer face.

Trim Soffit panel to be about 1/8" short of purlin.

Continue to attach soffit panel with at least 1 screw in every other flat space between panel ribs at each purlin. Don't install screws at eave or gable ends just yet.

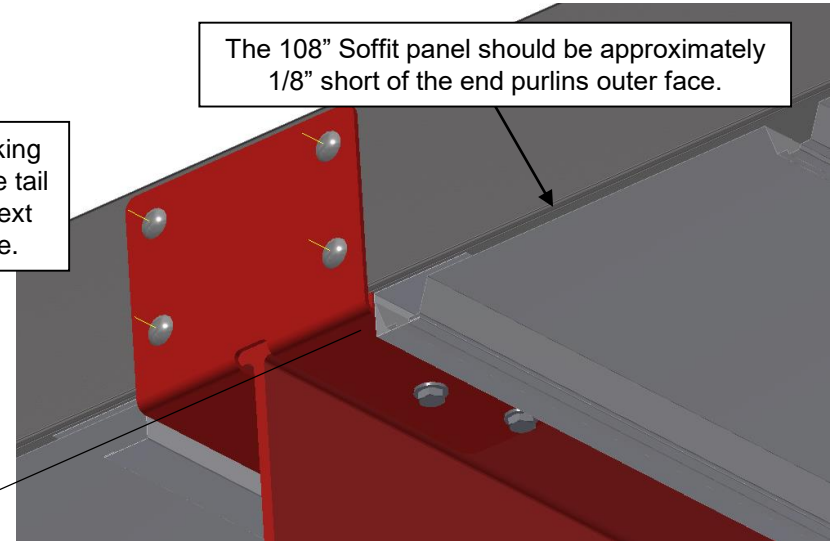
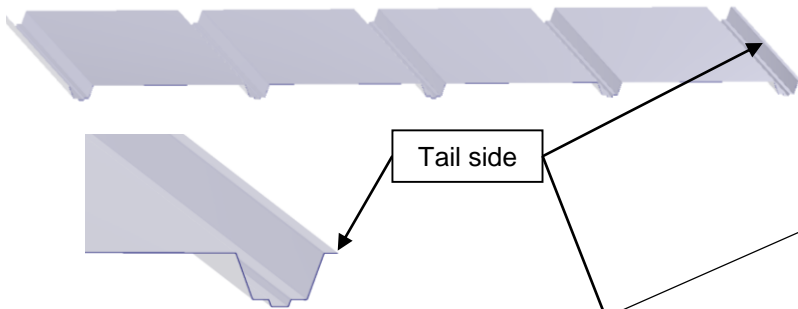


## Soffit Panel Installation Continued

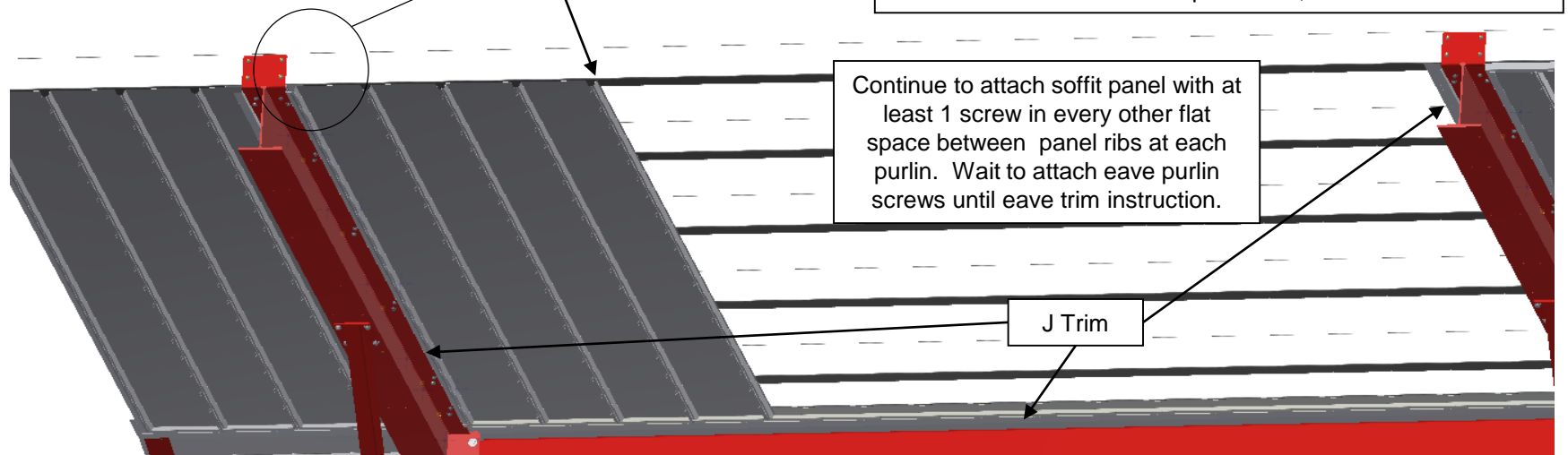
Step 5. (Center section) soffit between roof I beams is done in same fashion. J trim at center of shelter should be even with purlin as shown in page 8. the 108" soffit panel should be approximately 1/8" short of the eave purlin

Standard practice in stacking roof/soffit sheets is to have tail side of sheet at end so next sheet covers this feature.

The 108" Soffit panel should be approximately 1/8" short of the end purlins outer face.



The first sheet of soffit should be a full width sheet unless there is sensitivity to the roof and soffit ribs be aligned. Then first sheet would need trimmed. 42000-1 Haven Shelter manual shows where roof panels fall, refer to this manual.

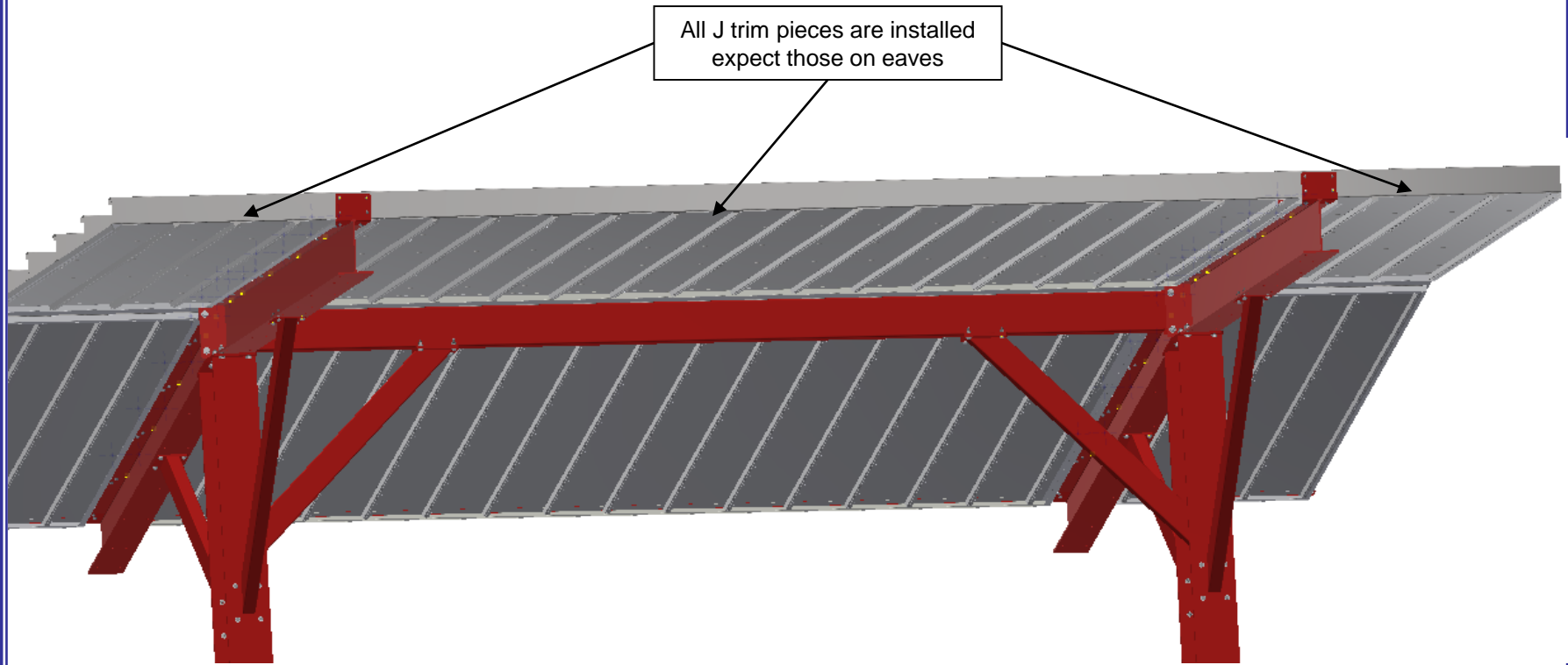


Continue to attach soffit panel with at least 1 screw in every other flat space between panel ribs at each purlin. Wait to attach eave purlin screws until eave trim instruction.

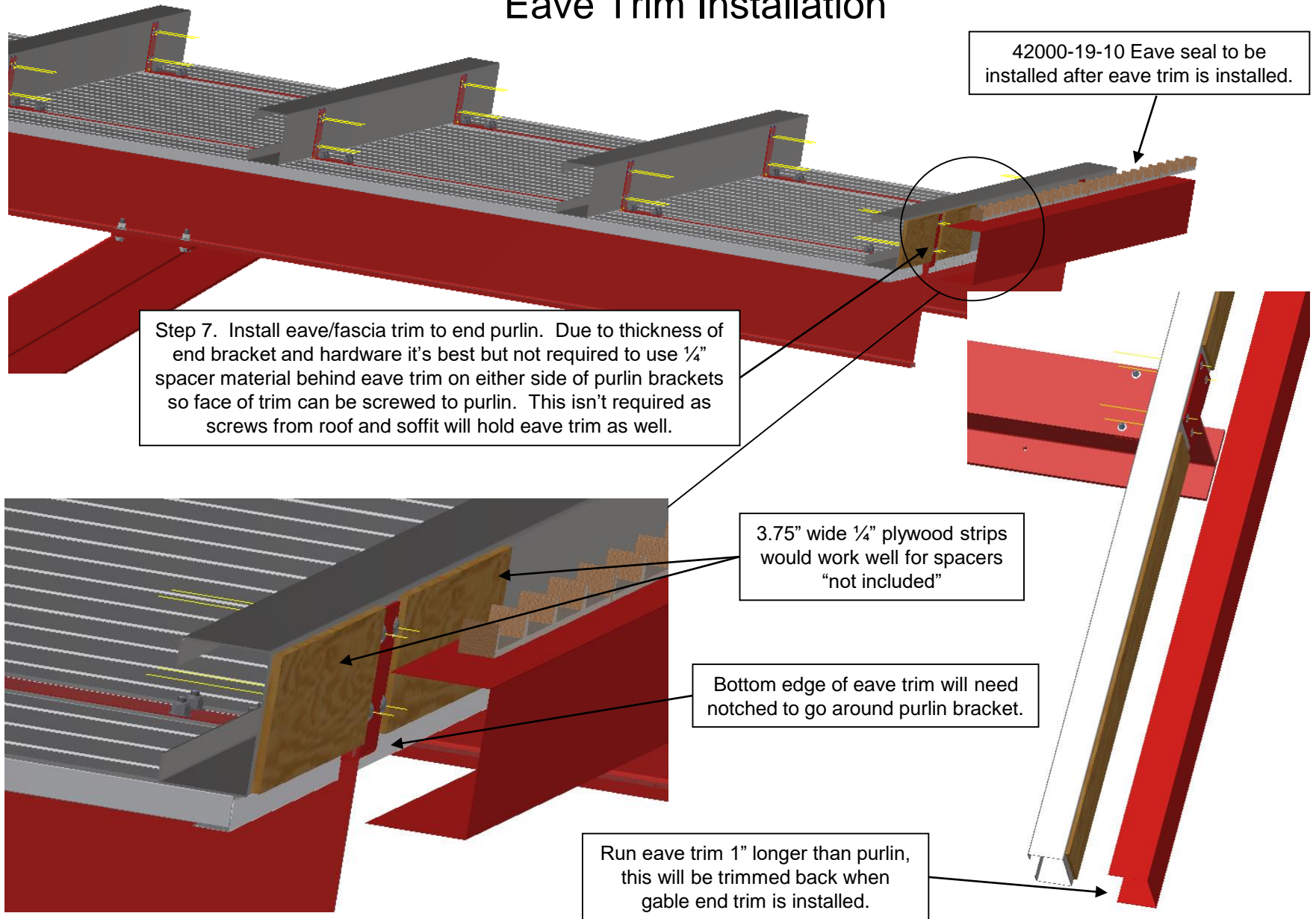
J Trim

## Soffit Panel Installation Continued

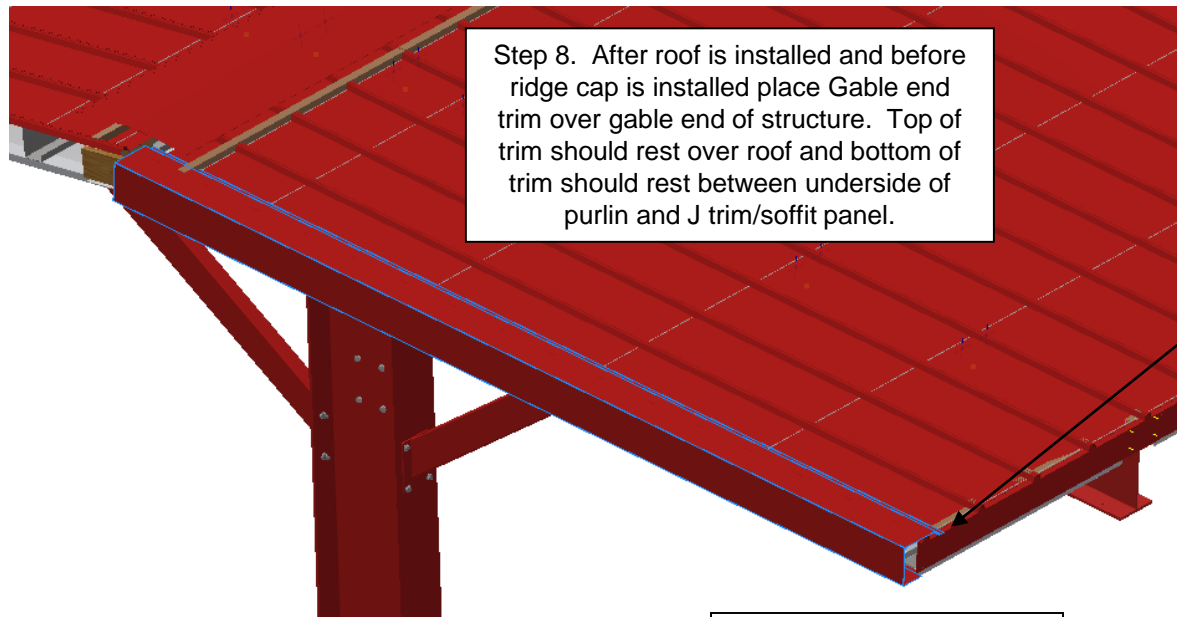
Step 6. Continue with rest of soffit, when all panels are up the only soffit pieces left to install will be the J Trim on eaves. Eave trim will need to be installed before these last J trim pieces, see next step.



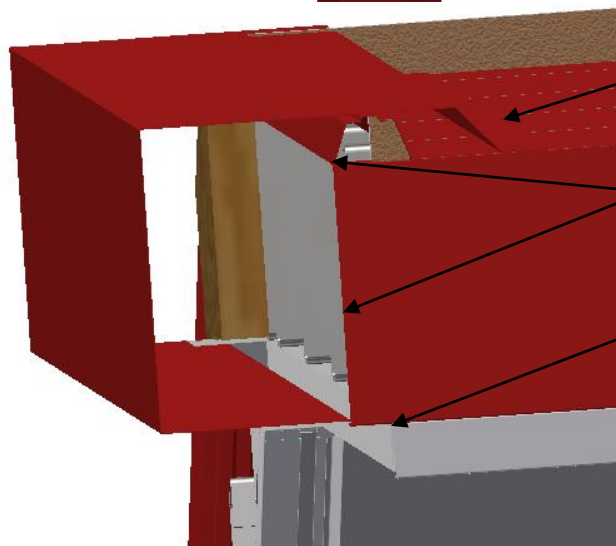
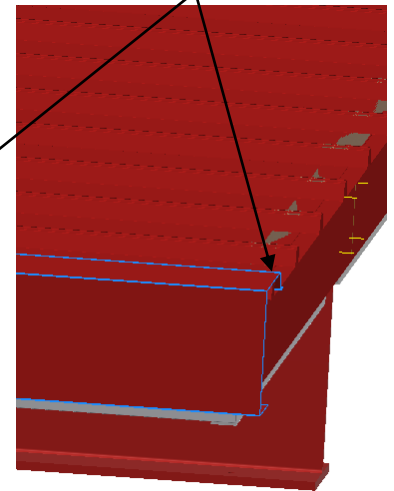
# Eave Trim Installation



# Gable Trim Installation



Gable end trim should be even with end of roof panel.

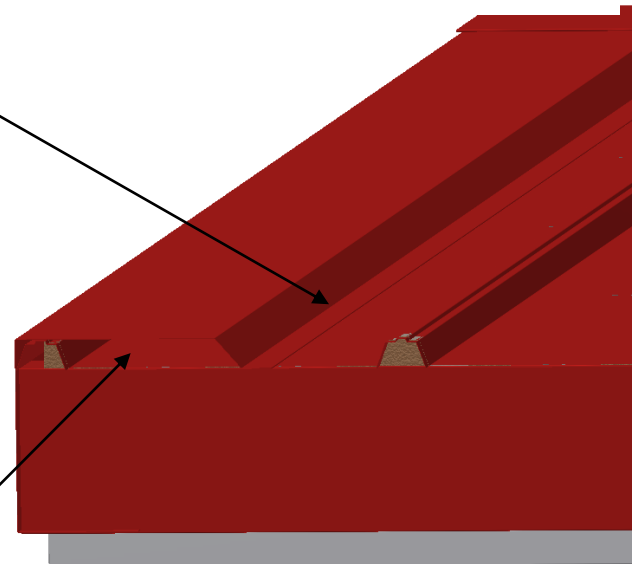


Screw through hemmed flange on top of gable trim at purlins to secure.

Trim Eave so it touches inside of Gable trim. End roof panel will gauge depth of Gable trim.

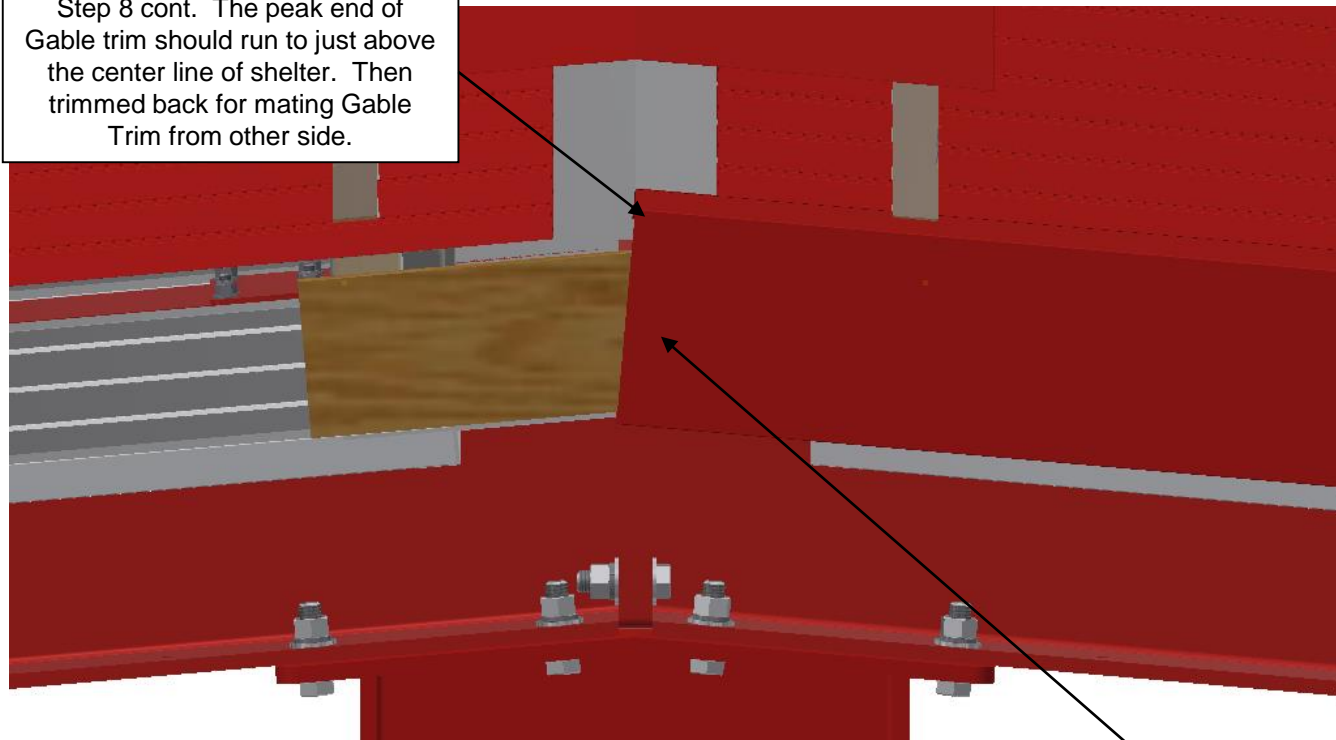
Screw up through soffit panel, J trim and gable trim into bottom of purlin to secure bottom of Gable Trim.

Plug ends of Gable trim with insulation or left over foam sealer from ridge cap installation.

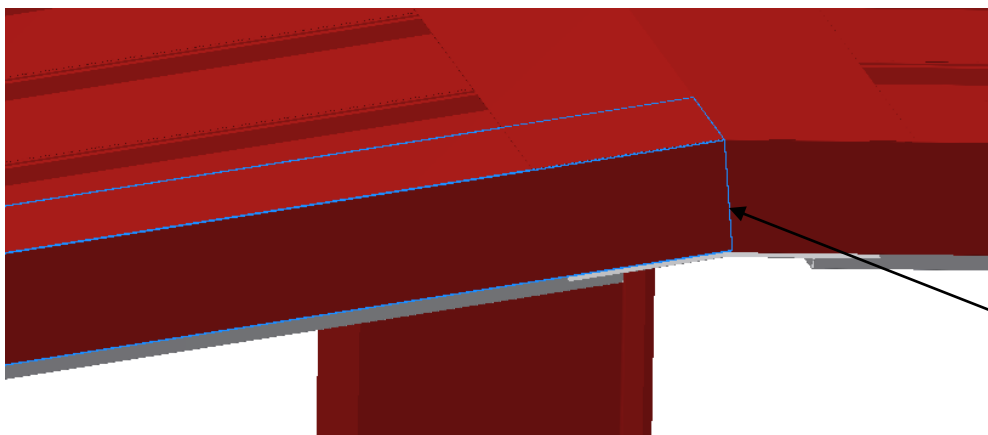


## Gable Trim Installation Continued

Step 8 cont. The peak end of Gable trim should run to just above the center line of shelter. Then trimmed back for mating Gable Trim from other side.



If support wood was used at the peak as shown in page 5&6, the peak two piece of Gable trim can be secured with screws in vertical face.

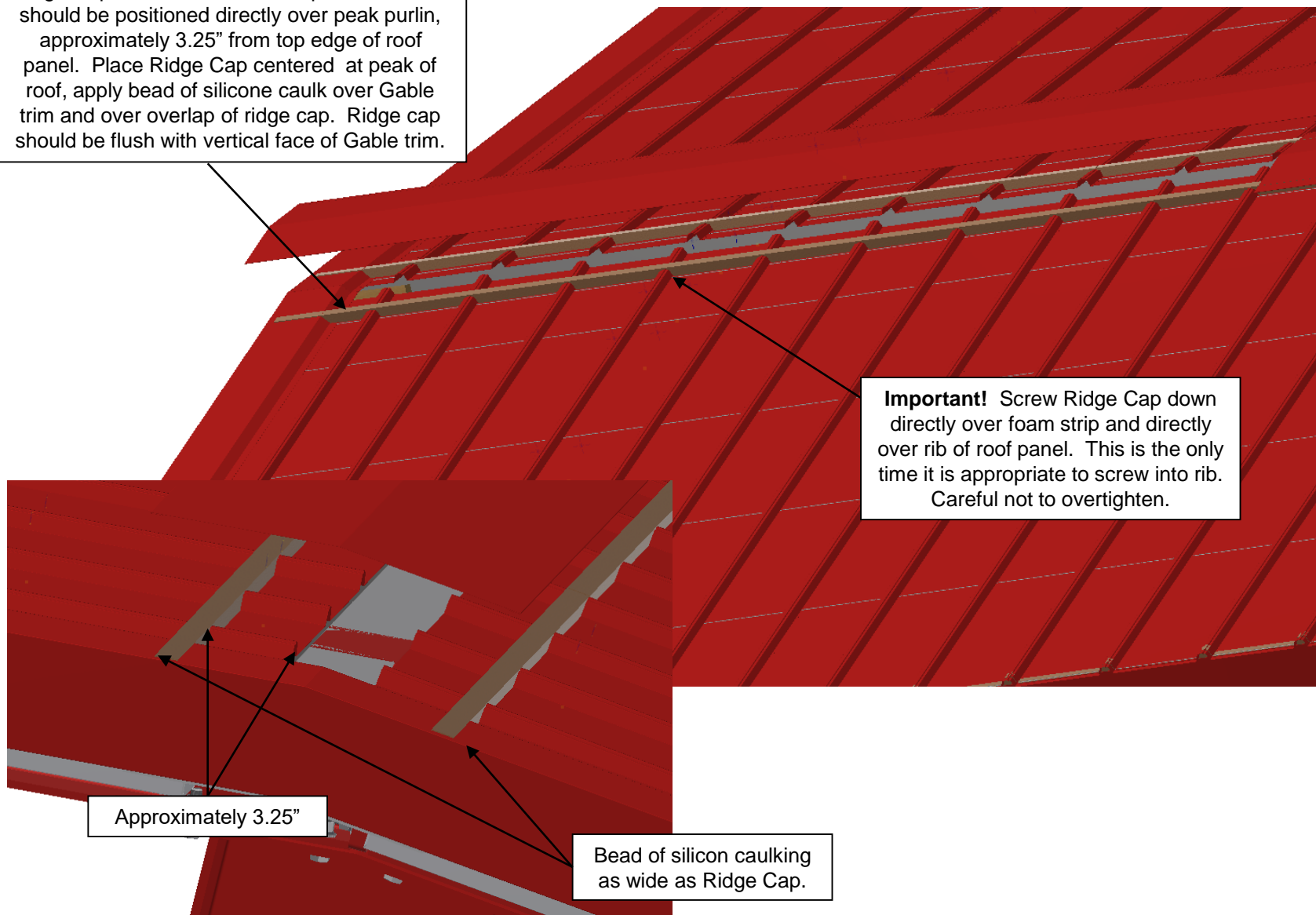


Second piece of Gable trim will set over the first and will need to be trimmed vertical, or 5 degrees.



## Ridge Cap Installation

Step 9 Place adhesive backed 42000-18-11 Ridge Cap Foam Seal over roof panels. These should be positioned directly over peak purlin, approximately 3.25" from top edge of roof panel. Place Ridge Cap centered at peak of roof, apply bead of silicone caulk over Gable trim and over overlap of ridge cap. Ridge cap should be flush with vertical face of Gable trim.



**Important!** Screw Ridge Cap down directly over foam strip and directly over rib of roof panel. This is the only time it is appropriate to screw into rib. Careful not to overtighten.

Approximately 3.25"

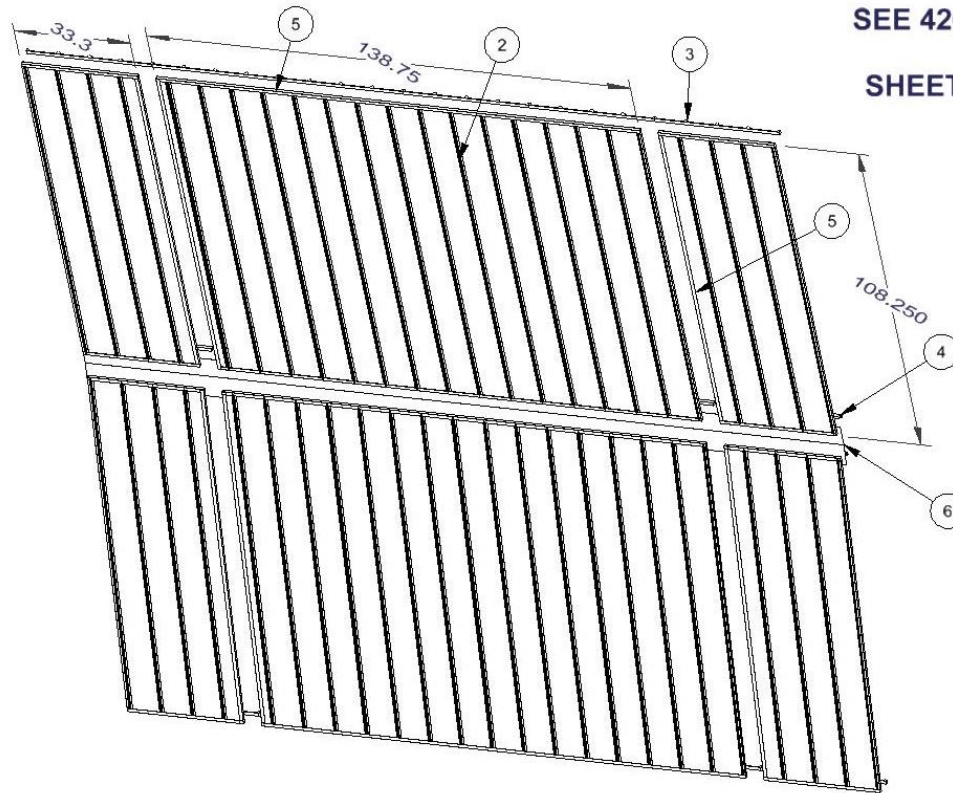
Bead of silicon caulking  
as wide as Ridge Cap.

## Maintenance:

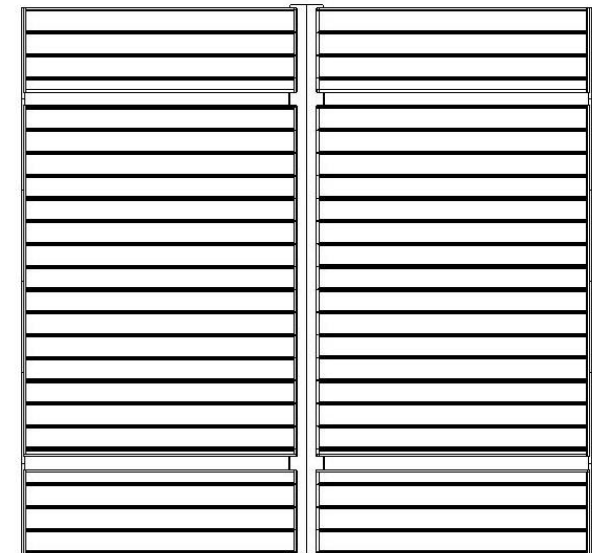
- Screws can loosen and sealing screws can leak. Apply sealant around suspect screws.
- Powder coated parts will eventually wear over time. JE Adams offers touch up paint to keep your parts looking great.
- Stainless steel parts should be wiped/ cleaned as needed.
- Check for loose trim piece periodically.

## NOTES:

1. COLORS FOR SOFFIT PANELS, J TRIM AND SCREW MUST BE CHOSEN; SEE <https://www.affordablemetalmfg.com/color-picker/>
2. GENERALLY THE J CHANNEL, SCREWS AND SOFFIT PANELS WILL BE SAME COLOR
3. SEE 42000 SOFFIT MANUAL FOR MORE DETAILS ON INSTALLATION.



**SEE 42000-1-SFT-T FOR JUST PERIMETER TRIM (GABLE AND EAVE TRIM)**  
**SHEET 2 SHOWS BOTH SOFFIT AND PERIMETER TRIM**  
**SHEET 3 SHOWS JUST PERIMETER TRIM**



TITLE			
42000-1 SHELTER SOFFIT			
UNSPECIFIED TOLERANCES	MATERIAL	CEDAR RAPIDS, IOWA	
1 PL ±.030	DRAWN BY	mws	
2 PL ±.020	DATE	12/2/2022	
3 PL ±.003	SCALE	SHEET	PART NO.
ANGLE ± 1°	.022	1 / 3	42000-1SFT
			REV.
			-

-	9031	RELEASED	6/22/23	MWS
REV	NO.	DESCRIPTION	DATE	BY

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## A 3D perspective rendering of a red metal roof structure. The roof is composed of parallel metal slats and is supported by four vertical legs. A single cross-brace runs diagonally across the roof's surface. The entire structure is shown against a plain white background.



REV	NO.	DESCRIPTION	DATE	BY	SCALE	SHEET	PART	REV.
THIS DOCUMENT SHALL NOT BE REPRODUCED NOR SHALL THE INFORMATION THEREIN BE USED BY OR DISCLOSED TO OTHERS EXCEPT AS AUTHORIZED BY J.E. ADAMS INDUSTRIES					3 PL ±.003	2 / 3	42000-1SFT	-






42000-1 SHELTER WITH ONLY EDGE TRIM  
42000-1SFT-T

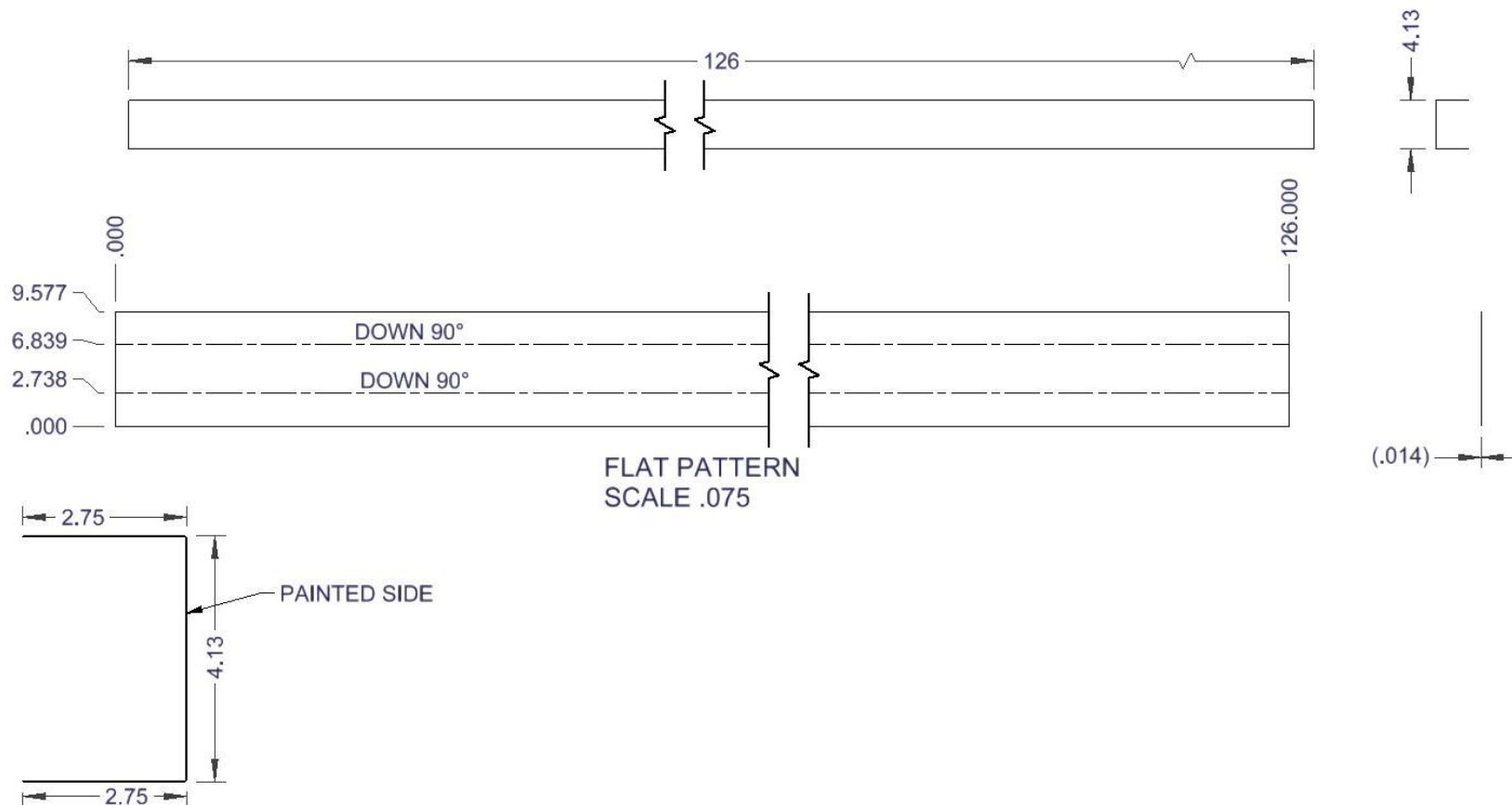


REV	NO.	DESCRIPTION	DATE	BY
THIS DOCUMENT SHALL NOT BE REPRODUCED NOR SHALL THE INFORMATION THEREIN BE USED BY OR DISCLOSED TO OTHERS EXCEPT AS AUTHORIZED BY J.E. ADAMS INDUSTRIES				

TITLE						42000-1 SHELTER SOFFIT		CEDAR RAPIDS, IOWA	
UNSPECIFIED TOLERANCES	MATERIAL								
	DRAWN		MWS						
	DATE		12/2/2022						
	SCALE		SHEET		PART NO		REV.		
	.022		3 / 3		42000-1SFT		-		
1 PL ± .030									
2 PL ± .020									
3 PL ± .003									
ANGLE ± 1°									

## NOTES:

1. LOCAL SOURCE: KINGDOM METAL MANUFACTURING  
DBA AFFORDABLE METAL MFG  
303 CLEVELAND STREET  
MUSCATINE, IA 52761  
563-264-8212
2. MATERIAL: 29 GA STEEL, GALVALUME COATED AND PAINTED ONE SIDE PER SUPPLIER STANDARD
3. MUST DEFINE COLOR, SEE AFFORDABLE METAL WEBSITE FOR COLOR OPTIONS <https://www.affordablemetalmfg.com/>



-	9026	RELEASED	6/14/23	MWS
REV	NO.	DESCRIPTION	DATE	BY

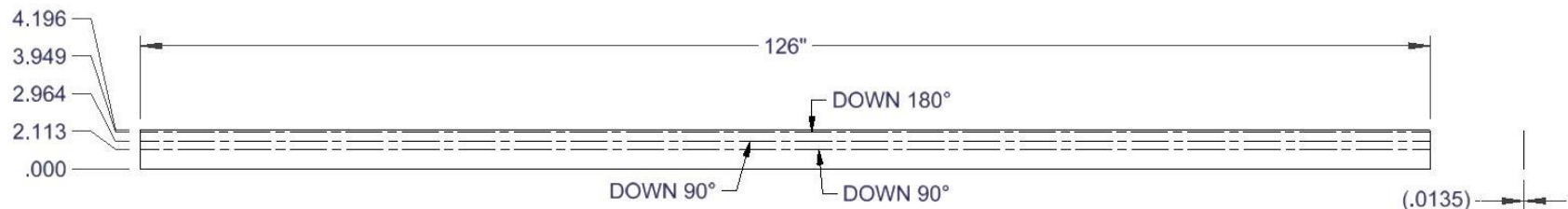
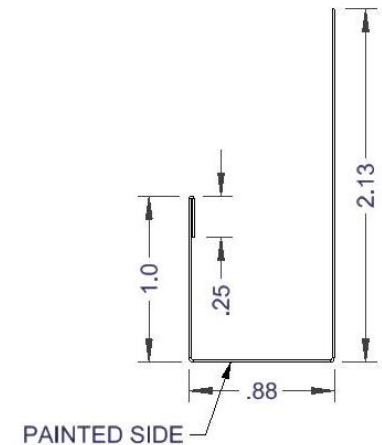
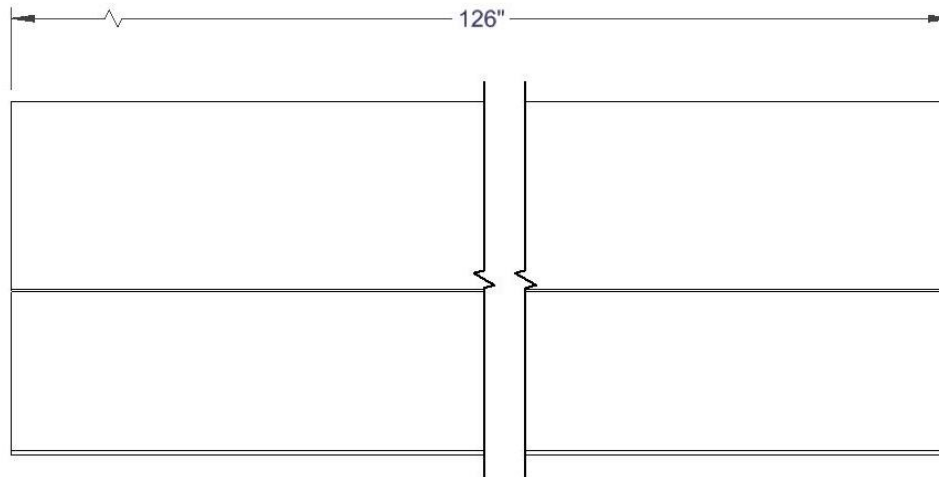
TITLE				
EDGE TRIM, 4" X 126"				
UNSPECIFIED TOLERANCES		MATERIAL Steel, Mild		
1 PL	± .030	DRAWN BY	mws	
2 PL	± .020	DATE	12/2/2022	
3 PL	± .003	SCALE	1 / 1	SHEET
ANGLE	± 1°	SCALE	.375	SHEET
PART NO.				REV.
42000-19-1				-

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## NOTES:

1. LOCAL SOURCE: KINGDOM METAL MANUFACTURING  
DBA AFFORDABLE METAL MFG  
303 CLEVELAND STREET  
MUSCATINE, IA 52761  
563-264-8212
2. MATERIAL: 29 GA STEEL, GALVALUME COATED AND PAINTED ONE SIDE PER SUPPLIER STANDARD (STANDARD "J" TRIM)
3. MUST DEFINE COLOR, SEE AFFORDABLE METAL WEBSITE FOR COLOR OPTIONS <https://www.affordablemetalmfg.com/>



REV	NO.	DESCRIPTION	DATE	BY
-	9026	RELEASED	6/14/23	MWS

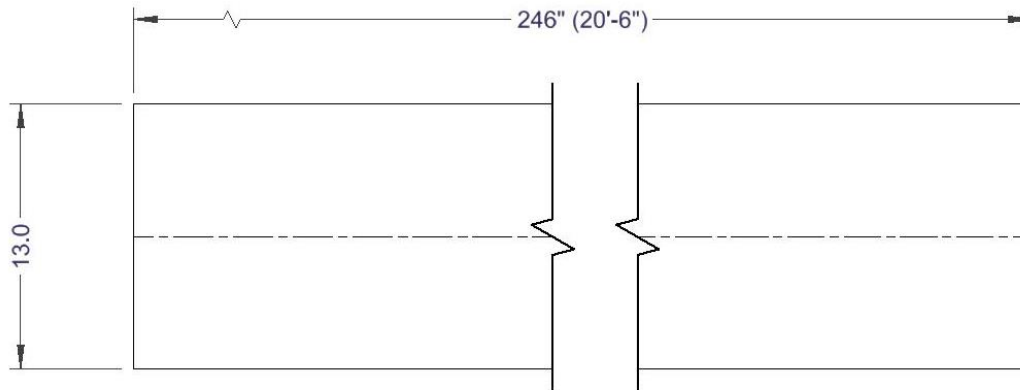
TITLE		TRIM, J, 126"	
UNSPECIFIED TOLERANCES		MATERIAL Steel, Mild	
1 PL ±.030		DRAWN BY mws	
2 PL ±.020		DATE 12/2/2022	
3 PL ±.003		SCALE .06	
ANGLE ± 1°		SHEET 1 / 1	
		PART NO. 42000-19-2	
		REV. -	

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## NOTES:

1. LOCAL SOURCE: KINGDOM METAL MANUFACTURING  
DBA AFFORDABLE METAL MFG  
303 CLEVELAND STREET  
MUSCATINE, IA 52761  
563-264-8212
2. MATERIAL: 29 GA STEEL, GALVALUME COATED AND PAINTED ONE SIDE PER SUPPLIER STANDARD
3. MUST DEFINE COLOR, SEE AFFORDABLE METAL WEBSITE FOR COLOR OPTIONS <https://www.affordablemetalmfg.com/>
4. ROLL MATERIAL, STRETCH WRAP OR BOX ROLL.



(.0135)

-	9026	RELEASED	6/14/23	MWS
REV	NO.	DESCRIPTION	DATE	BY

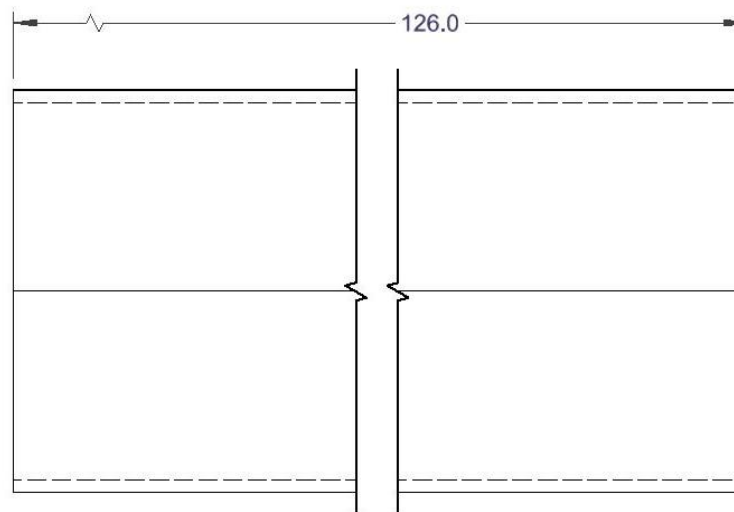
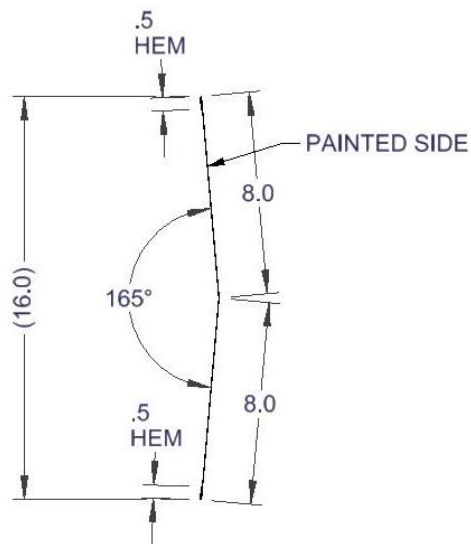
THIS DOCUMENT SHALL NOT BE REPRODUCED NOR SHALL THE INFORMATION THEREIN BE USED BY OR DISCLOSED TO OTHERS EXCEPT AS AUTHORIZED BY J.E. ADAMS INDUSTRIES

TITLE ROLLED METAL, PAINTED, 29GA, 20'-6"				
UNSPECIFIED TOLERANCES		MATERIAL Steel, Mild		
1 PL	±.030	DRAWN BY	MWS	
2 PL	±.020	DATE	12/5/2022	
3 PL	±.003	SCALE	SHEET	PART NO.
ANGLE ± 1°		.12	1 / 1	42000-19-4




## NOTES:

1. LOCAL SOURCE: KINGDOM METAL MANUFACTURING  
DBA AFFORDABLE METAL MFG  
303 CLEVELAND STREET  
MUSCATINE, IA 52761  
563-264-8212
2. MATERIAL: 29 GA STEEL, GALVALUME COATED AND PAINTED ONE SIDE PER SUPPLIER STANDARD (STANDARD RESIDENTIAL RIDGE CAP)
3. MUST DEFINE COLOR, SEE AFFORDABLE METAL WEBSITE FOR COLOR OPTIONS <https://www.affordablemetalmfg.com/>



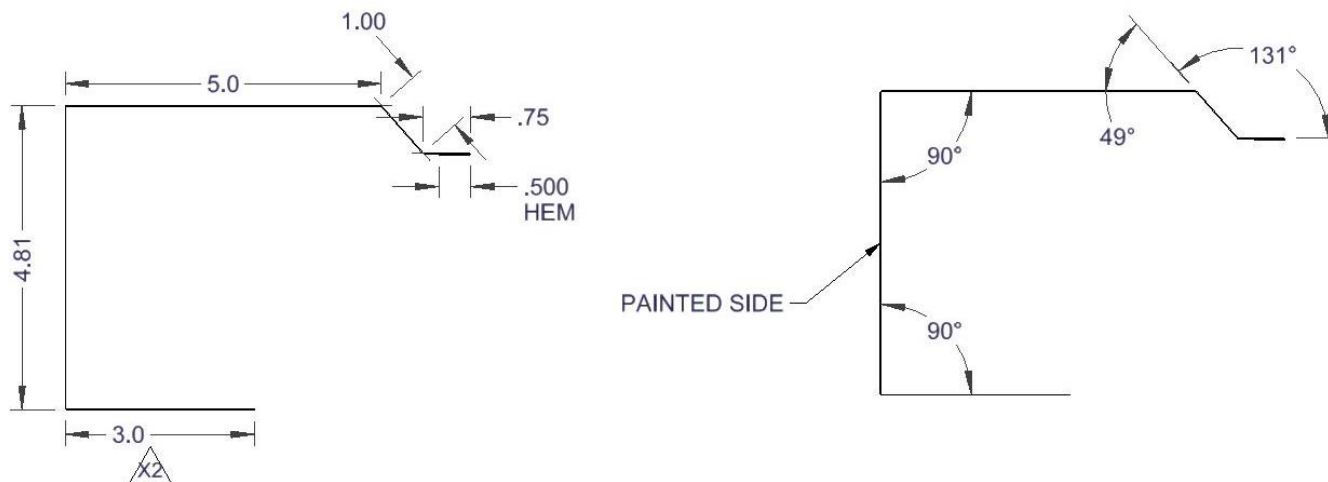
-	9026	RELEASED	6/14/23	MWS
REV	NO.	DESCRIPTION	DATE	BY

THIS DOCUMENT SHALL NOT BE REPRODUCED NOR SHALL THE INFORMATION THEREIN BE USED BY OR DISCLOSED TO OTHERS EXCEPT AS AUTHORIZED BY J.E. ADAMS INDUSTRIES

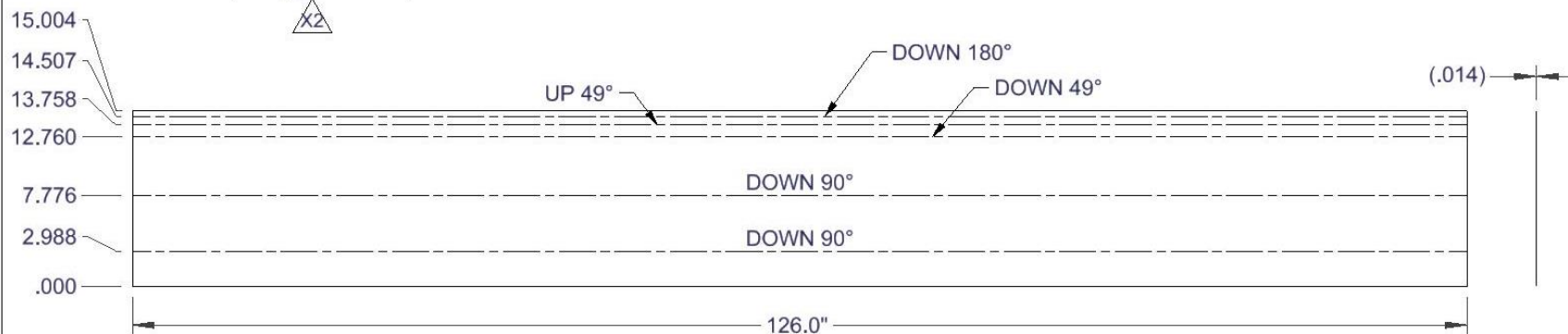
TITLE ROOF RIDGE CAP, 8 X 8 X 126"				
UNSPECIFIED TOLERANCES		MATERIAL Steel, Mild		
1 PL	± .030	DESIGNED BY	ITWS	
2 PL	± .020	DATE	1/31/2022	
3 PL	± .003	SCALE	.15	
ANGLE ± 1°		SHEET	1 / 1	PART NO. 42000-19-6
				REV. -

NOTES:

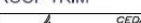
1. LOCAL SOURCE: KINGDOM METAL MANUFACTURING  
DBA AFFORDABLE METAL MFG  
303 CLEVELAND STREET  
MUSCATINE, IA 52761  
563-264-8212
2. MATERIAL: 29 GA STEEL, GALVALUME COATED AND PAINTED ONE SIDE PER SUPPLIER STANDARD
3. MUST DEFINE COLOR, SEE AFFORDABLE METAL WEBSITE FOR COLOR OPTIONS <https://www.affordablemetalmfg.com/>



PAINTED SIDE



-	9026	RELEASED	6/14/23	MWS
REV	NO.	DESCRIPTION	DATE	BY
THIS DOCUMENT SHALL NOT BE REPRODUCED NOR SHALL THE INFORMATION THEREIN BE USED BY OR DISCLOSED TO OTHERS EXCEPT AS AUTHORIZED BY J.E. ADAMS INDUSTRIES				

TITLE		GABLE END ROOF TRIM		CEDAR RAPIDS, IOWA	
UNSPECIFIED TOLERANCES  1 PL ± .030  2 PL ± .020  3 PL ± .003  ANGLE ± 1°		MATERIAL			
		Steel, Mild			
		DRAWN BY			
		TTWS			
		DATE			
		12/7/2022			
		SCALE		PART NO	
		.075		42000-19-7	
		SHEET		REV.	
		1 / 1		-	



42000-18-11

NOTES:  
 1. LOCAL SOURCE: KINGDOM METAL MANUFACTURING  
 DBA AFFORDABLE METAL MFG  
 303 CLEVELAND STREET  
 MUSCATINE, IA 52761  
 563-264-8212  
 2. MATERIAL: FOAM WITH ADHESIVE BACK  
 3. COMES IN PACK OF 4

ROOF PANEL, UNDERSIDE SEALING STRIP (4/PACK)

UNSPECIFIED TOLERANCES	1/16"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	6"	8"	12"	18"	24"	36"	48"	60"	72"	84"	96"	108"	120"
1/16"	±.003	±.003	±.003	±.003	±.003	±.003	±.003	±.003	±.003	±.003	±.003	±.003	±.003	±.003	±.003	±.003	±.003	±.003	±.003	±.003	±.003	±.003	±.003	±.003

REV	NO.	DESCRIPTION	DATE	BY
-	9031	RELEASED	6/26/23	MWS

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42000-18-10

NOTES:  
 1. LOCAL SOURCE: KINGDOM METAL MANUFACTURING  
 DBA AFFORDABLE METAL MFG  
 303 CLEVELAND STREET  
 MUSCATINE, IA 52761  
 563-264-8212  
 2. MATERIAL: FOAM WITH ADHESIVE BACK  
 3. COMES IN PACK OF 4

ROOF PANEL, UNDERSIDE SEALING STRIP (4/PACK)

UNSPECIFIED TOLERANCES	1/16"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	6"	8"	12"	18"	24"	36"	48"	60"	72"	84"	96"	108"	120"
1/16"	±.003	±.003	±.003	±.003	±.003	±.003	±.003	±.003	±.003	±.003	±.003	±.003	±.003	±.003	±.003	±.003	±.003	±.003	±.003	±.003	±.003	±.003	±.003	±.003

REV	NO.	DESCRIPTION	DATE	BY
-	9031	RELEASED	6/26/23	MWS

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