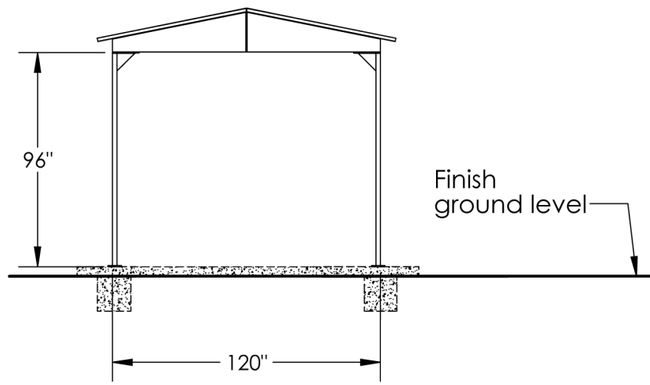
ARIZONA CORRECTIONAL INDUSTRIES™

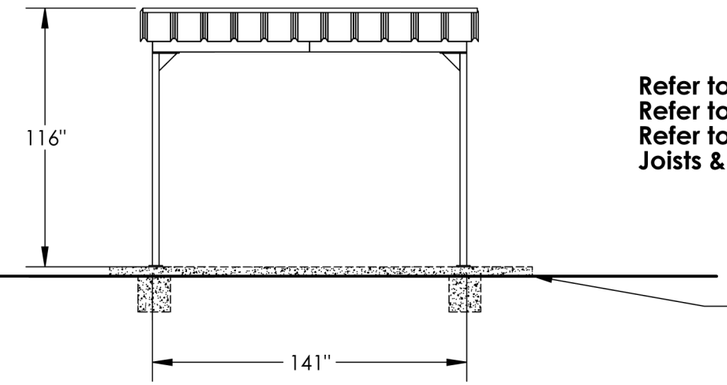
Outdoor Furnishings

Innovative Solutions ↔ Productive Lives™

MP4800 Standard Ramada (Shade Structure)

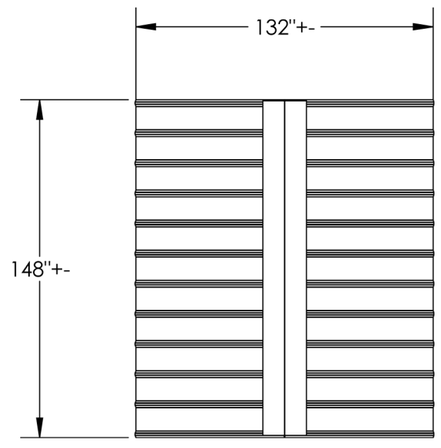


End Elevation

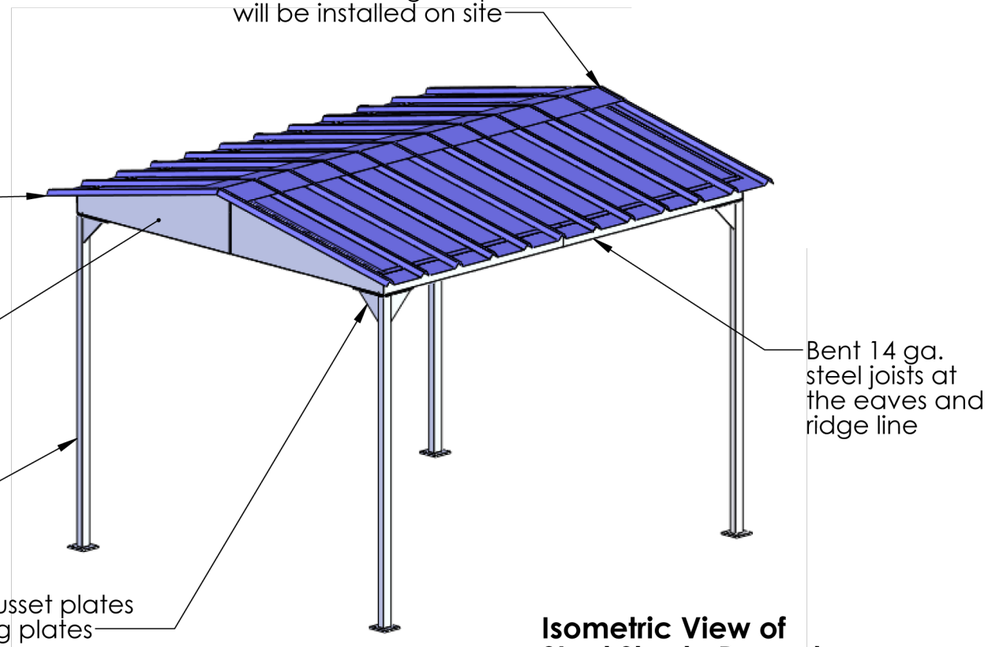


Front Elevation

Refer to page 2 for Exploded View
Refer to page 3 for Column Details
Refer to page 4 for Details of Joists & End Panels



Roof Plan



Isometric View of Steel Shade Ramada

General Notes:

1. Material: 14 ga. sheet steel, 1/4" & 1/2" steel plate, 2" x 3" rect. steel tube
2. Finish: Powdercoat color as selected from mfgr. standards
3. Quality: Flatness, Straightness, Square, Flush alignment of surfaces, NO visible imperfections.

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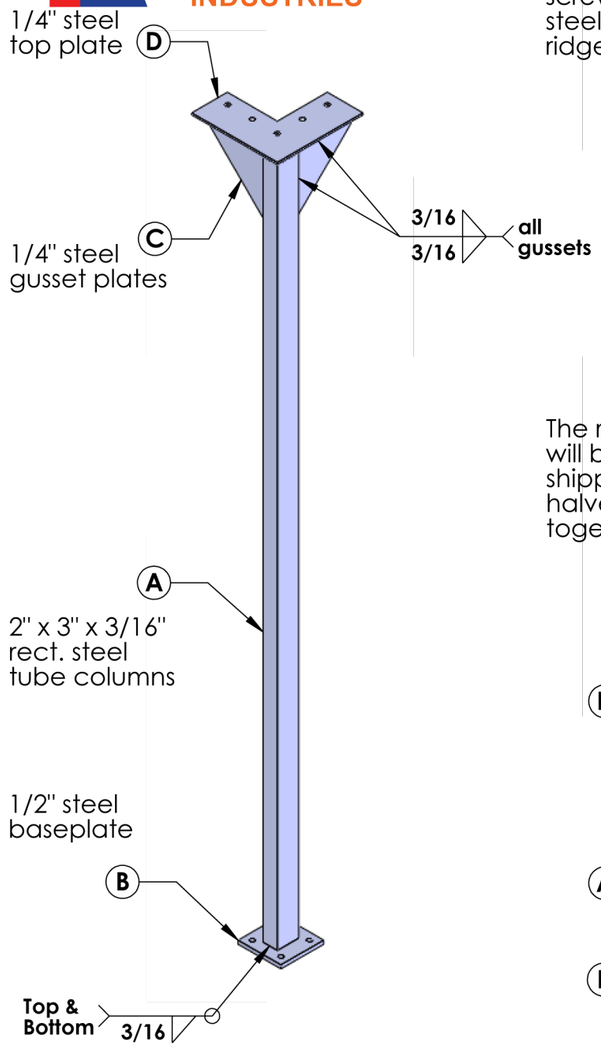
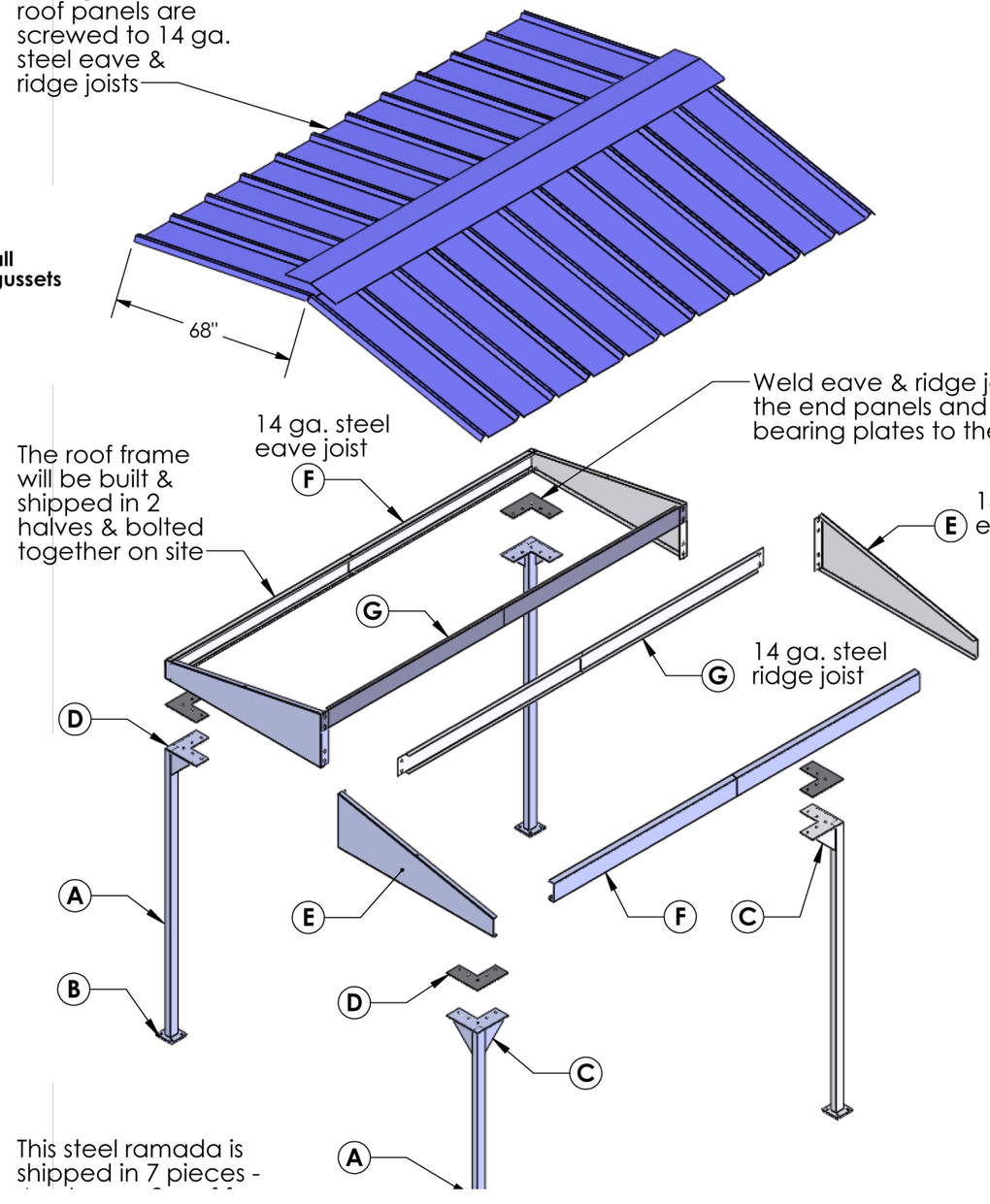
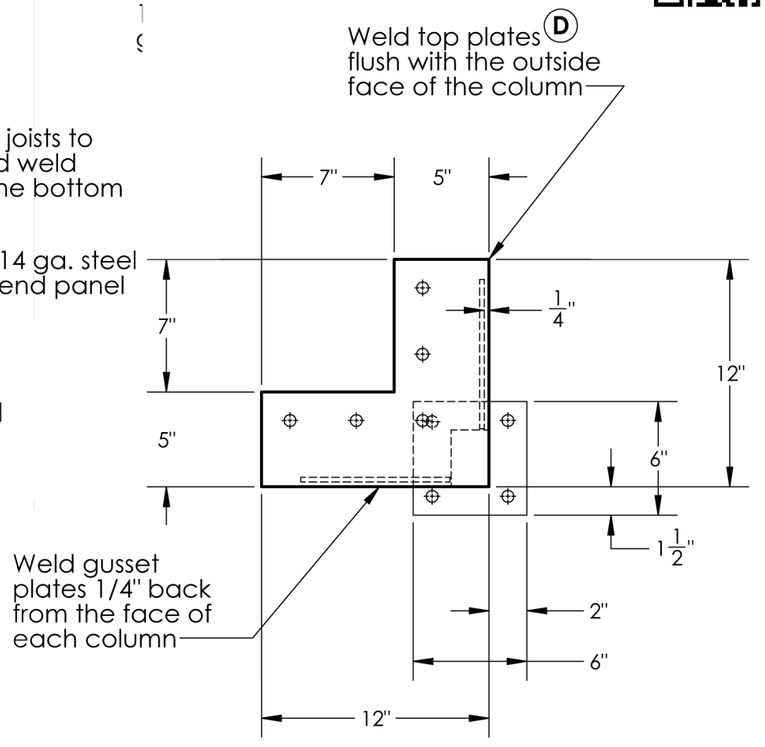


Isometric View of Steel Column





Top View of Steel Column

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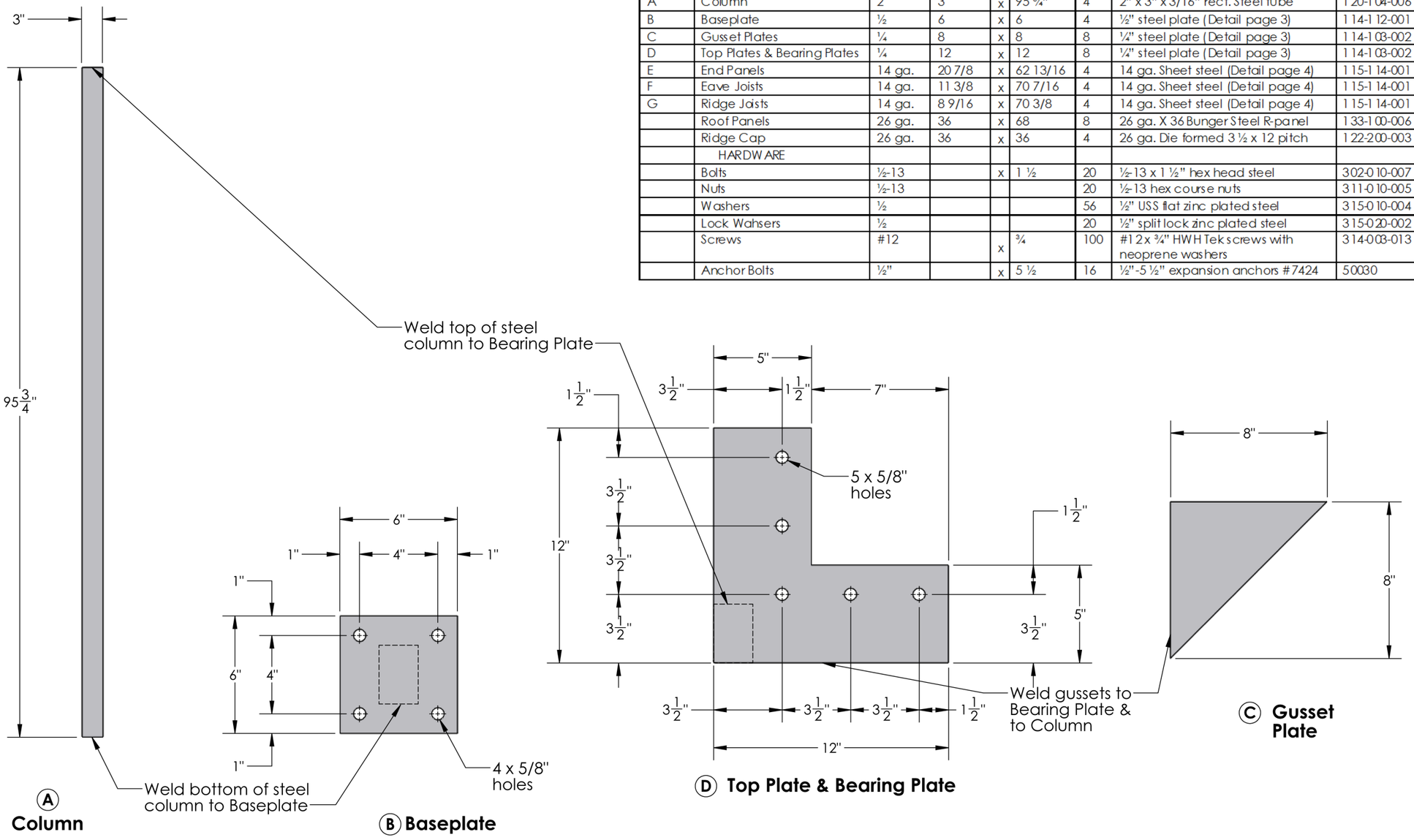
PC. MARK	DESCRIPTION	SIZE				No.	MATERIAL	ACI Part No.
		Thick	Width	x	Length			
A	Column	2	3	x	95 ¾"	4	2" x 3" x 3/16" rect. Steel tube	120-104-006
B	Baseplate	½	6	x	6	4	½" steel plate (Detail page 3)	114-112-001
C	Gusset Plates	¼	8	x	8	8	¼" steel plate (Detail page 3)	114-103-002
D	Top Plates & Bearing Plates	¼	12	x	12	8	¼" steel plate (Detail page 3)	114-103-002
E	End Panels	14 ga.	20 7/8	x	62 13/16	4	14 ga. Sheet steel (Detail page 4)	115-114-001
F	Eave Joists	14 ga.	11 3/8	x	70 7/16	4	14 ga. Sheet steel (Detail page 4)	115-114-001
G	Ridge Joists	14 ga.	8 9/16	x	70 3/8	4	14 ga. Sheet steel (Detail page 4)	115-114-001
	Roof Panels	26 ga.	36	x	68	8	26 ga. X 36 Bunger Steel R-panel	133-100-006
	Ridge Cap	26 ga.	36	x	36	4	26 ga. Die formed 3 ½ x 12 pitch	122-200-003
	HARDWARE							
	Bolts	½-13		x	1 ½	20	½-13 x 1 ½" hex head steel	302-010-007
	Nuts	½-13				20	½-13 hex course nuts	311-010-005
	Washers	½				56	½" USS flat zinc plated steel	315-010-004
	Lock Wahsers	½				20	½" split lock zinc plated steel	315-020-002
	Screws	#12		x	¾	100	#12 x ¾" HWH Tek screws with neoprene washers	314-003-013
	Anchor Bolts	½"		x	5 ½	16	½"-5 ½" expansion anchors #7424	50030



Ⓐ **Column**

Ⓑ **Baseplate**

Ⓓ **Top Plate & Bearing Plate**

Ⓒ **Gusset Plate**

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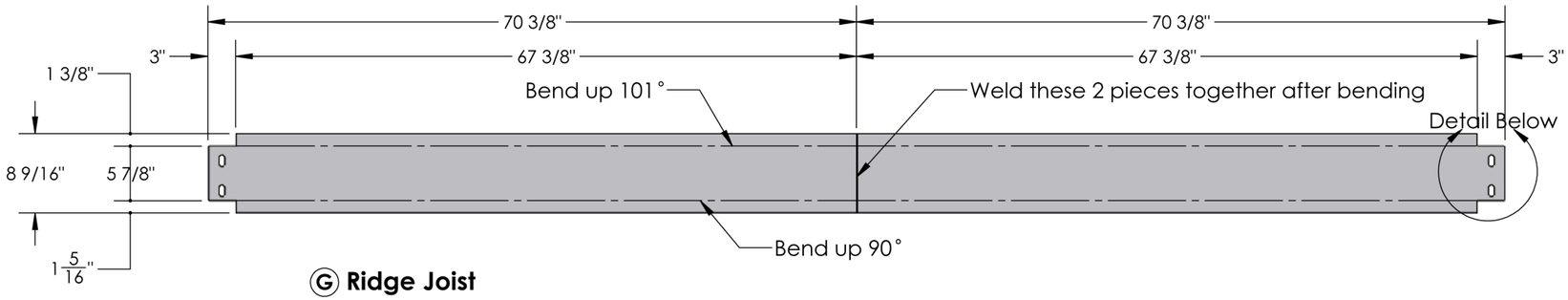
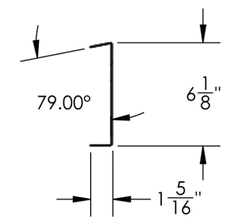
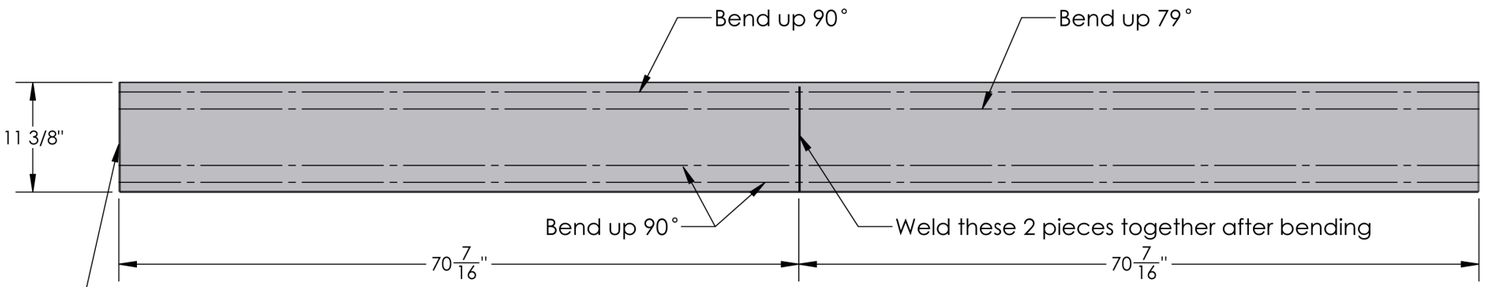


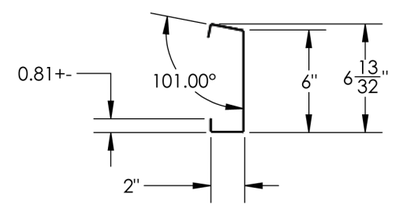
Ⓖ **Ridge Joist**

Profile of Ridge Joist after bending

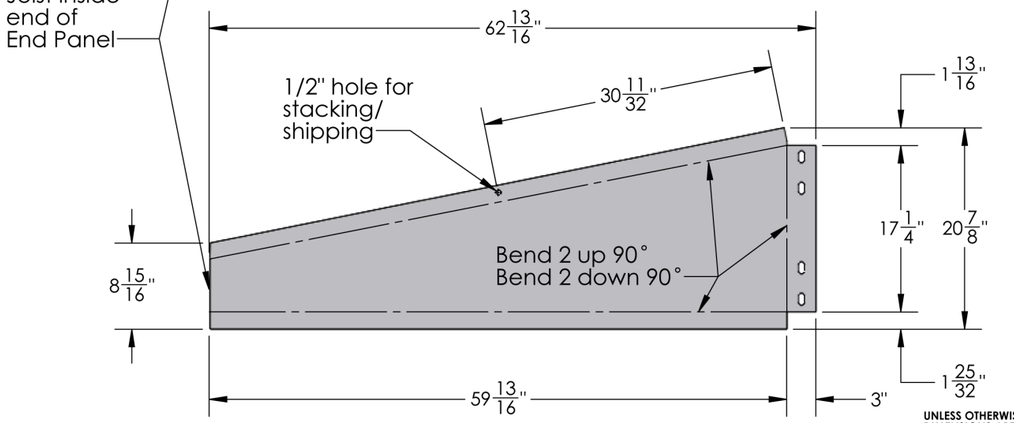




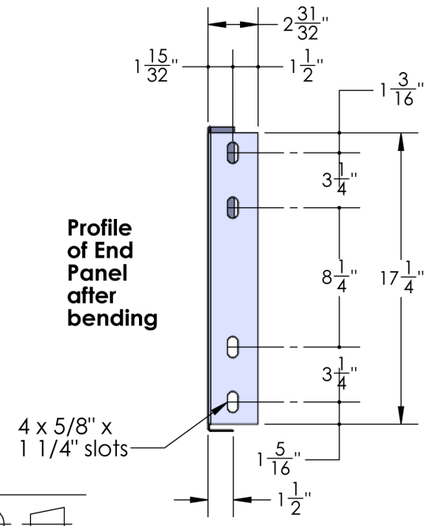
Ⓕ **Eave Joist**



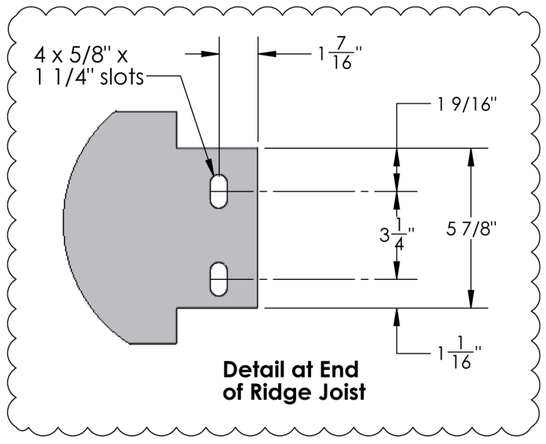
Profile of Eave Joist after bending



Ⓔ **End Panel**



Profile of End Panel after bending



Detail at End of Ridge Joist

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES - TOLERANCES ARE:

DIMENSIONAL TOLERANCES
3 PLACE DECIMAL +/- .010
2 PLACE DECIMAL +/- .03
1 PLACE DECIMAL +-.1
FRACTIONAL +/- 1/32"
ANGLES +/- 1°

Third Angle Projection

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