



Product Selection Guide

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Replacement Bay

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Double-Hung Bay

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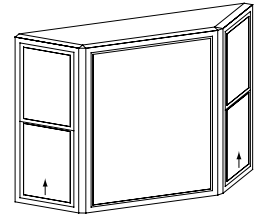
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The information published in this document is believed to be accurate at the time of publication. However, because we are constantly working to improve our products, specifications are subject to change without notice. Consult your local Pella representative for up-to-date product information.



Size and Performance Data

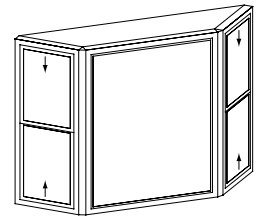
	Replacement Frame	New Construction Frame
<b>Sizes</b>		
Standard and Special Sizes	●	●
<b>Product Type</b>		
Double-Hung Bay-45 degrees	●	●
Single-Hung Bay-45 degrees	●	●
Casement Bay-45 degrees	●	●
Casement Bow-3 wide (LFR)	●	●
Casement Bow-4 wide (LFFR)	●	●
Casement Bow-5 wide (LFFFR)	●	●



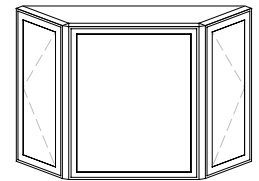
Single-Hung Bay

Features and Options

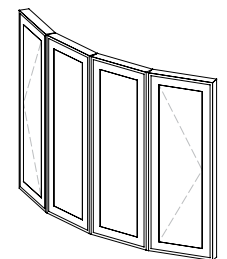
Feature	Availability
<b>Glazing (insulating glass)</b>	
<b>Glazing Type</b>	
Dual-pane insulating glass	S
Triple-pane insulating glass	O
<b>Insulated Glass Options / Low-E Types</b>	
Advanced Low-E	S
NaturalSun Low-E	O
SunDefense™ Low-E <sub>1</sub>	O
Bronze-tinted Advanced Low-E <sub>1</sub>	O
<b>Additional Glazing Options</b>	
Annealed glass	S
Tempered glass	O
Obscure glass <sub>2</sub>	O
<b>Gas Fill / High Altitude</b>	
Argon	S
High altitude	O
High altitude with argon <sub>1</sub>	O
<b>Interior / Exterior Color</b>	
White Interior/White Exterior	S
Almond Interior/Almond Exterior	O
<b>Interior options</b>	
Unfinished birch seatboard	S
Unfinished birch headboard	S
<b>Grilles</b>	
<b>Grilles-Between-the-Glass<sub>3</sub></b>	
3/4" Contour	O
5/8" flat	O
1" Contour	O
Grille Patterns: Traditional, Prairie, Top Row, Custom - Equally Divided	O
<b>Simulated-Divided-Light Grilles<sub>1</sub> (without spacer)</b>	
7/8" contour profile	O
Grille Patterns: Traditional, Prairie, Top Row, Custom - Equally Divided	O



Double-Hung Bay



Casement Bay



Casement Bow

S = Standard; O = Optional

(1) Not available with triple-pane glazing.

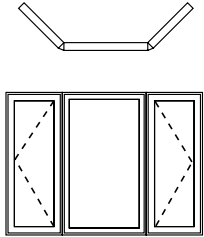
(2) Contact your local Pella sales representative for current offering.

Refer to the Double-Hung and Single-Hung Sections for complete window unit features.



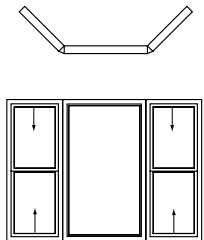
## 250 Series Bay - Bow

### Size Tables - Replacement Bay

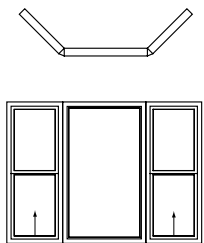


East and West Regions

45° Bay- Casement Flankers – 47" center unit			
Flanker Frame Width Inches (mm)	Rough Opening Width Inches (mm)	Overall Projection Inches (mm)	Overall Unit Width Inches (mm)
18" (457)	76-1/8" (1 934)	15-5/8 (397)	75-5/8" (1 921)
24" (610)	84" (2 134)	19-7/8" (505)	83-1/2" (2 121)
Casement		Minimum	Maximum
<b>Bay Frame Height</b>		35-1/2" (901)	59-1/2" (1 511)
<b>Bay Frame Width</b>		59-1/2" (1 816)	95-1/2" (2 426)



45° Bay- Double-Hung Flankers – 47" center unit			
Flanker Frame Width Inches (mm)	Rough Opening Width Inches (mm)	Overall Projection Inches (mm)	Overall Unit Width Inches (mm)
24" (610)	84" (2 134)	19-3/4" (502)	83-1/2" (2 121)
Double-hung		Minimum	Maximum
<b>Bay Frame Height</b>		35-1/2" (901)	59-1/2" (1 511)
<b>Bay Frame Width</b>		71-1/2" (1 816)	95-1/2" (2 426)



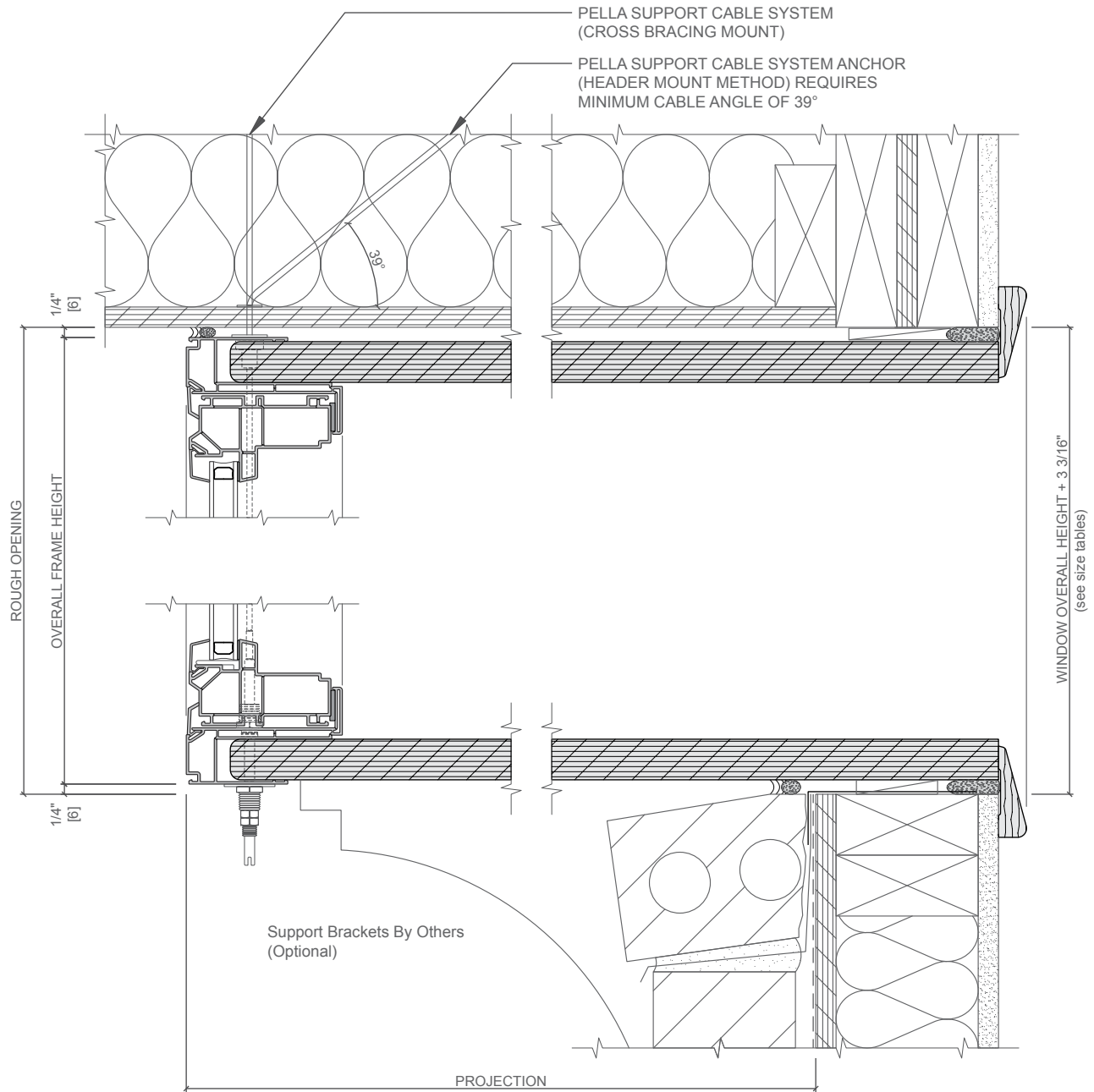
45° Bay- single-Hung Flankers – 47" center unit			
Flanker Frame Width Inches (mm)	Rough Opening Width Inches (mm)	Overall Projection Inches (mm)	Overall Unit Width Inches (mm)
24" (610)	84" (2 134)	19-3/4" (502)	83-1/2" (2 121)
Single-hung		Minimum	Maximum
<b>Bay Frame Height</b>		35-1/2" (901)	59-1/2" (1 511)
<b>Bay Frame Width</b>		71-1/2" (1 816)	95-1/2" (2 426)

- Bay window combinations are not AAMA/WDMA performance rated.
- For center unit frame width other than those shown:
  - > 47": Add difference between 47" and greater frame width to overall width and rough opening width dimensions.
  - < 47": Subtract difference between 47" and smaller frame width overall width and rough opening width from dimensions.
- Dimensioning points are shown in details on following pages.
- Overall projection is sheathing to face of bay.
- Specify height of window units to be used in bay.



# 250 Series Bay - Bow

## Unit Sections - Replacement Bay

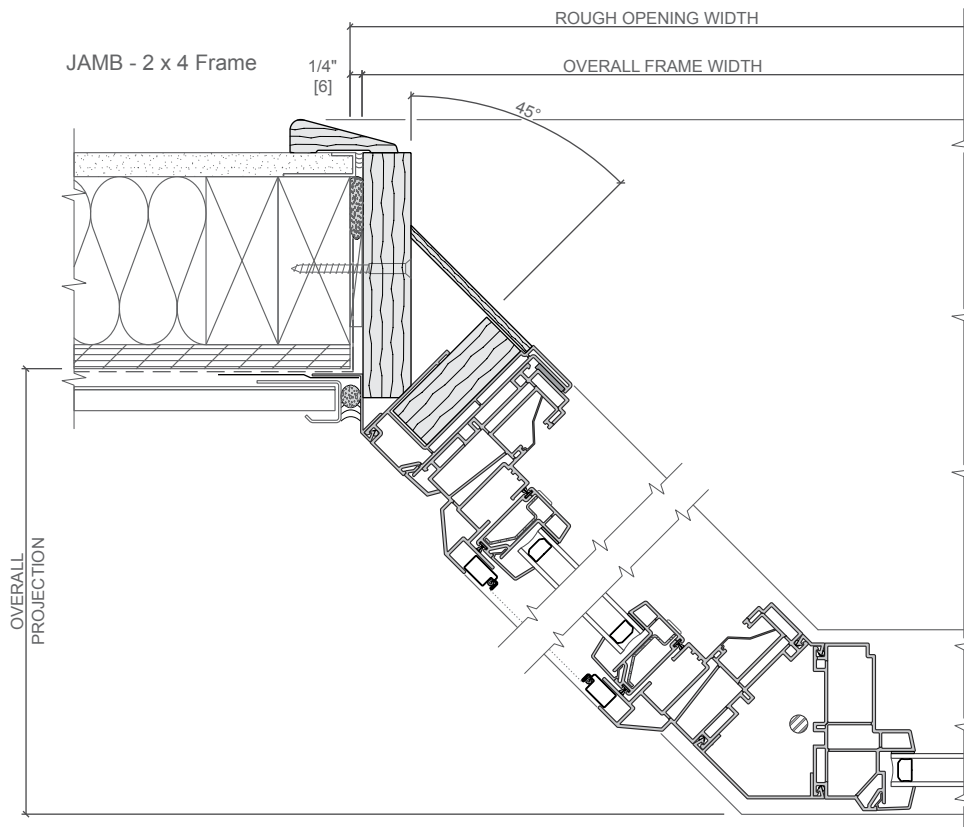
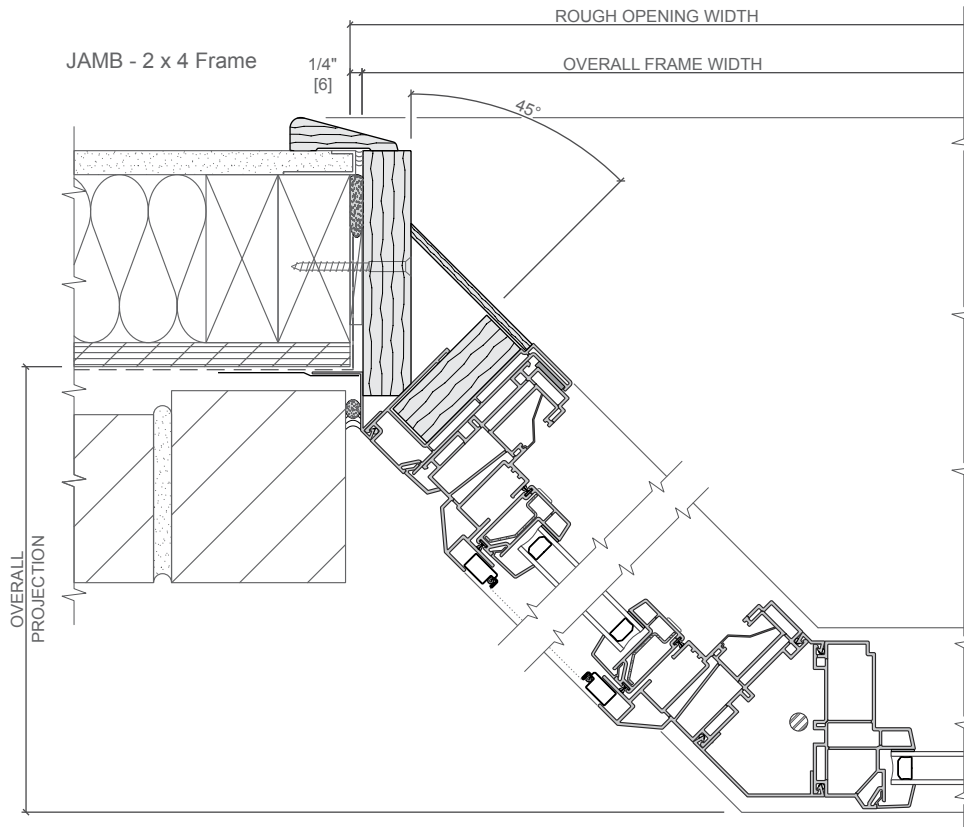


Scale 3" = 1' 0"  
All dimensions are approximate.



# 250 Series Bay - Bow

## Unit Sections - Replacement Bay

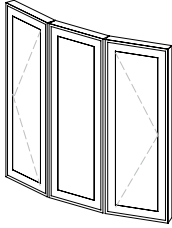


Scale 3" = 1' 0"  
All dimensions are approximate.



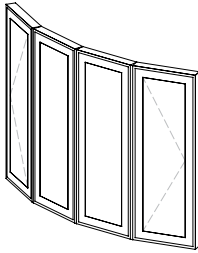
# 250 Series Bay - Bow

## Size Tables - Casement Bow



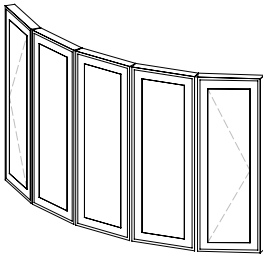
3-Wide Bow	Minimum	Maximum
<b>Bay Frame Height</b>	47-1/2" (1 206)	59-1/2" (1 511)
<b>Bay Frame Width</b>	47-1/2" (1 206)	83-1/2" (2 120)

Projection: (Overall Unit Width x 0.089) + 1.368



4-Wide Bow	Minimum	Maximum
<b>Bay Frame Height</b>	47-1/2" (1 206)	59-1/2" (1 511)
<b>Bay Frame Width</b>	71-1/2" (1 816)	95-1/2" (2 426)

Projection: (Overall Unit Width x 0.134) + 1.404



5-Wide Bow	Minimum	Maximum
<b>Bay Frame Height</b>	47-1/2" (1 206)	59-1/2" (1 511)
<b>Bay Frame Width</b>	83-1/2" (2 120)	107-1/2" (2 730)

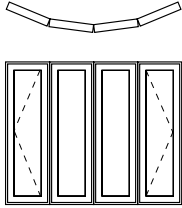
Projection: (Overall Unit Width x 0.163) + 1.565

Scale 3" = 1' 0"  
All dimensions are approximate.



## 250 Series Bay - Bow

### Size Tables - Casement Bow

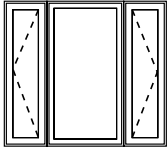
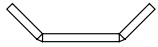


15° Bow– Left-Fix-Fix-Right Configuration (4 Unit Casement Bow)					
Call Out	Rough Opening		Projection	Center Unit Frame Size	
	Width (Inches)	Height (Inches)		Width (Inches)	Height (Inches)
6-0/3-0	72	38-15/16	19-7/8	34-11/16	35-1/2
7-0/3-0	84	38-15/16	19-7/8	46-11/16	35-1/2
8-0/3-0	96	38-15/16	19-7/8	58-11/16	35-1/2
6-0/4-0	72	50-15/16	19-7/8	34-11/16	47-1/2
7-0/4-0	84	50-15/16	19-7/8	46-11/16	47-1/2
8-0/4-0	96	50-15/16	19-7/8	58-11/16	47-1/2
6-0/5-0	72	62-15/16	19-7/8	34-11/16	59-1/2
7-0/5-0	84	62-15/16	19-7/8	46-11/16	59-1/2
8-0/5-0	96	62-15/16	19-7/8	58-11/16	59-1/2



# 250 Series Bay - Bow

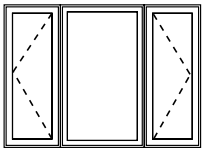
## Size Tables - New Construction Bay



East and West Regions

### 45° Bay- 18" Casement Flankers

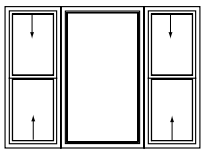
Call Out	Rough Opening		Projection	Center Unit Frame Size	
	Width (Inches)	Height (Inches)		Width (Inches)	Height (Inches)
5-0/3-0	60	38-15/16	15-5/8	30-15/16	35-1/2
6-0/3-0	72	38-15/16	15-5/8	42-15/16	35-1/2
7-0/3-0	84	38-15/16	15-5/8	54-15/16	35-1/2
5-0/4-0	60	50-15/16	15-5/8	30-15/16	47-1/2
6-0/4-0	72	50-15/16	15-5/8	42-15/16	47-1/2
7-0/4-0	84	50-15/16	15-5/8	54-15/16	47-1/2
5-0/5-0	60	62-15/16	15-5/8	30-15/16	59-1/2
6-0/5-0	72	62-15/16	15-5/8	42-15/16	59-1/2
7-0/5-0	84	62-15/16	15-5/8	54-15/16	59-1/2



East and West Regions

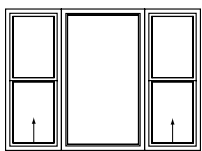
### 45° Bay- 24" Casement Flankers

Call Out	Rough Opening		Projection	Center Unit Frame Size	
	Width (Inches)	Height (Inches)		Width (Inches)	Height (Inches)
6-0/3-0	72	38-15/16	19-7/8	34-11/16	35-1/2
7-0/3-0	84	38-15/16	19-7/8	46-11/16	35-1/2
8-0/3-0	96	38-15/16	19-7/8	58-11/16	35-1/2
6-0/4-0	72	50-15/16	19-7/8	34-11/16	47-1/2
7-0/4-0	84	50-15/16	19-7/8	46-11/16	47-1/2
8-0/4-0	96	50-15/16	19-7/8	58-11/16	47-1/2
6-0/5-0	72	62-15/16	19-7/8	34-11/16	59-1/2
7-0/5-0	84	62-15/16	19-7/8	46-11/16	59-1/2
8-0/5-0	96	62-15/16	19-7/8	58-11/16	59-1/2



### 45° Bay- 24" double-Hung Flankers

Call Out	Rough Opening		Projection	Center Unit Frame Size	
	Width (Inches)	Height (Inches)		Width (Inches)	Height (Inches)
6-0/3-0	72	38-15/16	19-7/8	34-11/16	35-1/2
7-0/3-0	84	38-15/16	19-7/8	46-11/16	35-1/2
8-0/3-0	96	38-15/16	19-7/8	58-11/16	35-1/2
6-0/4-0	72	50-15/16	19-7/8	34-11/16	47-1/2
7-0/4-0	84	50-15/16	19-7/8	46-11/16	47-1/2
8-0/4-0	96	50-15/16	19-7/8	58-11/16	47-1/2
6-0/5-0	72	62-15/16	19-7/8	34-11/16	59-1/2
7-0/5-0	84	62-15/16	19-7/8	46-11/16	59-1/2
8-0/5-0	96	62-15/16	19-7/8	58-11/16	59-1/2



### 45° Bay- 24" Single-Hung Flankers

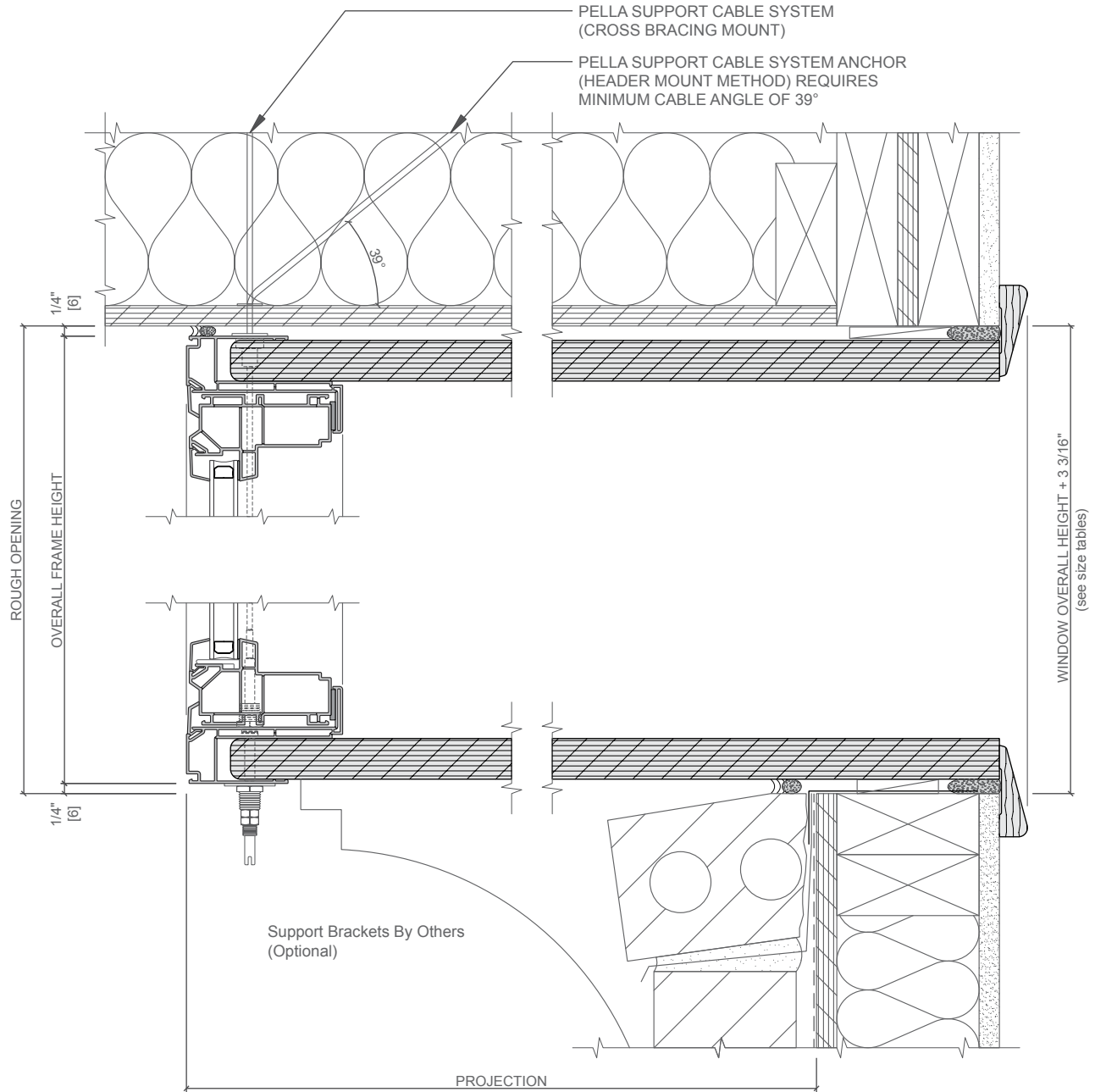
Call Out	Rough Opening		Projection	Center Unit Frame Size	
	Width (Inches)	Height (Inches)		Width (Inches)	Height (Inches)
6-0/3-0	72	38-15/16	19-7/8	34-11/16	35-1/2
7-0/3-0	84	38-15/16	19-7/8	46-11/16	35-1/2
8-0/3-0	96	38-15/16	19-7/8	58-11/16	35-1/2
6-0/4-0	72	50-15/16	19-7/8	34-11/16	47-1/2
7-0/4-0	84	50-15/16	19-7/8	46-11/16	47-1/2
8-0/4-0	96	50-15/16	19-7/8	58-11/16	47-1/2
6-0/5-0	72	62-15/16	19-7/8	34-11/16	59-1/2
7-0/5-0	84	62-15/16	19-7/8	46-11/16	59-1/2
8-0/5-0	96	62-15/16	19-7/8	58-11/16	59-1/2





# 250 Series Bay - Bow

## Unit Sections - New Construction Bay

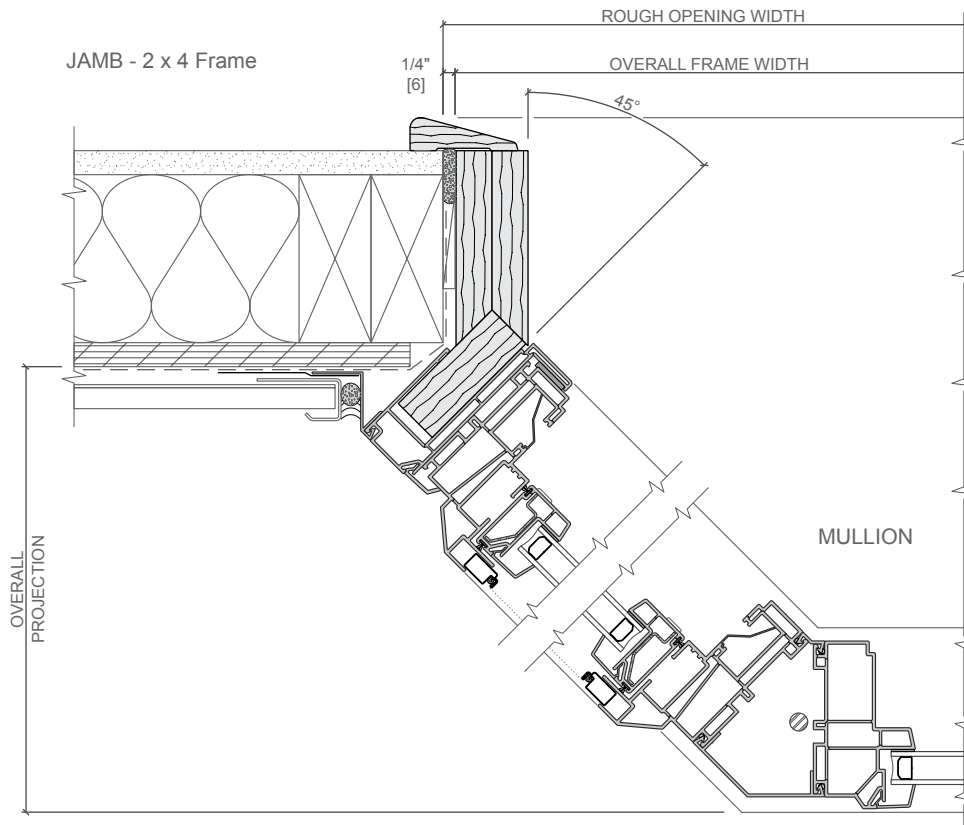
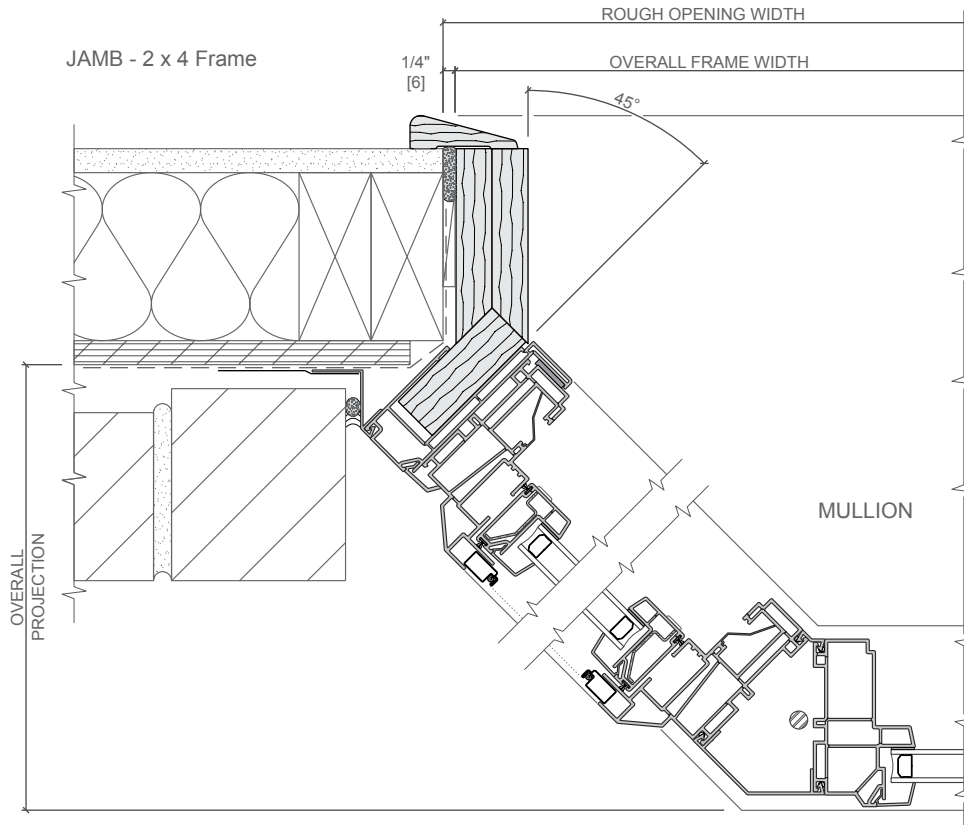


Scale 3" = 1' 0"  
All dimensions are approximate.



# 250 Series Bay - Bow

## Unit Sections - New Construction Bay



Scale 3" = 1' 0"  
All dimensions are approximate.