

PRIME
Window Systems

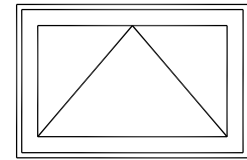
Series 720 Vinyl Awning

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List of Architectural Drawings

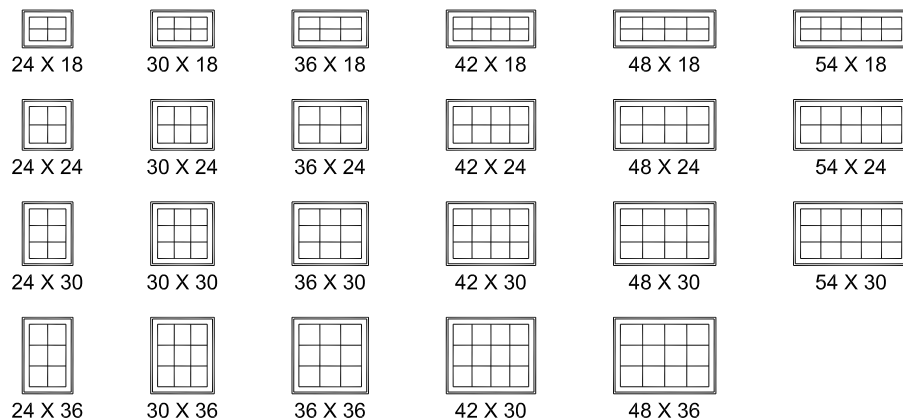
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Available Sizes - Awning

Local: (509) 248-4462 U.S., Alaska, Hawaii: (800) 322-8050 FAX: (509) 453-6143								Awning Windows
	Rough Opening Width							
		24	30	36	42	48	54	
Rough Opening Height	18	24 x 18	30 x 18	36 x 18	42 x 18	48 x 18	54 x 18	
	24	24 x 24	30 x 24	36 x 24	42 x 24	48 x 24	54 x 24	
	30	24 x 30	30 x 30	36 x 30	42 x 30	48 x 30	54 x 30	
	36	24 x 36	30 x 36	36 x 36	42 x 36	48 x 36		

Elevations - Awning



Elevations - Double Awning



48 X 18



60 X 18



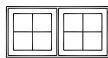
72 X 18



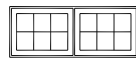
84 X 18



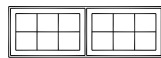
96 X 18



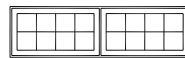
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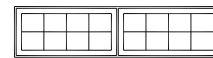
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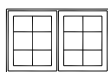
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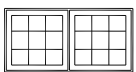
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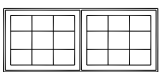
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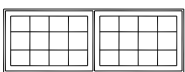
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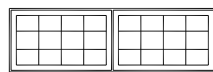
60 X 30



72 X 30



84 X 30



96 X 30



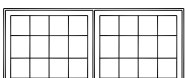
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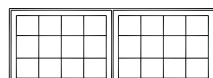
60 X 36



72 X 36



84 X 36

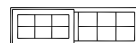


96 X 36

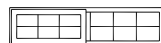
Elevations - Awning/Fixed



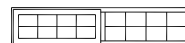
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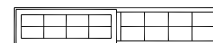
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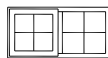
72 X 18



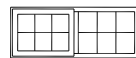
84 X 18



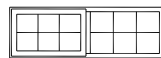
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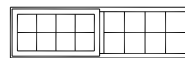
48 X 24



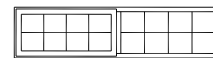
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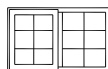
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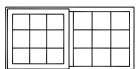
84 X 24



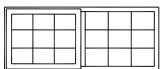
96 X 24



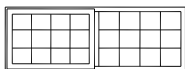
48 X 30



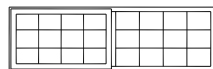
60 X 30



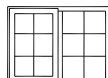
72 X 30



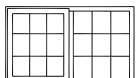
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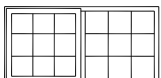
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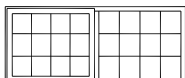
48 X 36



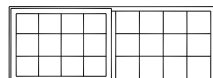
60 X 36



72 X 36



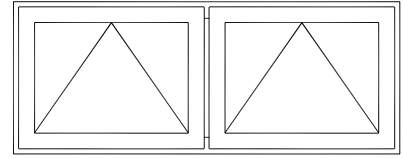
84 X 36



96 X 36

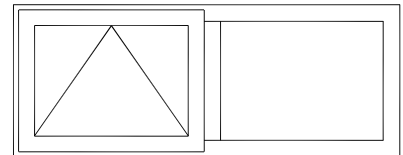
Awning Series 720

Available Sizes - Double Awning

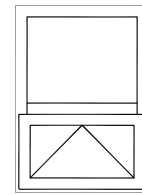


Local: (509) 248-4462 U.S., Alaska, Hawaii: (800) 322-8050 FAX: (509) 453-6143						Double Awning Windows
	Rough Opening Width					
		48	60	72	84	96
Rough Opening Height	18	48 x 18	60 x 18	72 x 18	84 x 18	96 x 18
	24	48 x 24	60 x 24	72 x 24	84 x 24	96 x 24
	30	48 x 30	60 x 30	72 x 30	84 x 30	96 x 30
	36	48 x 36	60 x 36	72 x 36	84 x 36	96 x 36































Available Sizes - Awning/Fixed

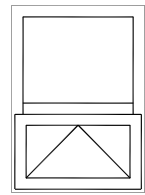


Local: (509) 248-4462 U.S., Alaska, Hawaii: (800) 322-8050 FAX: (509) 453-6143						Awning/Fixed Windows
	Rough Opening Width					
		48	60	72	84	96
Rough Opening Height	18	48 x 18	60 x 18	72 x 18	84 x 18	96 x 18
	24	48 x 24	60 x 24	72 x 24	84 x 24	96 x 24
	30	48 x 30	60 x 30	72 x 30	84 x 30	96 x 30
	36	48 x 36	60 x 36	72 x 36	84 x 36	96 x 36



Elevations - Bottom Awning

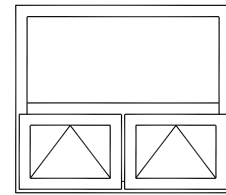
 24 x 36	 30 X 36	 36 X 36	 42 X 36	 48 X 36
 24 x 42	 30 X 42	 36 X 42	 42 X 42	 48 X 42
 24 X 48	 30 X 48	 36 X 48	 42 X 48	 48 X 48
 24 X 60	 30 X 60	 36 X 60	 42 X 60	 48 X 60
 24 X 72	 30 X 72	 36 X 72	 42 X 72	 48 X 72
 24 X 84	 30 X 84	 36 X 84	 42 X 84	 48 X 84



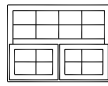
Available Sizes - Bottom Awning

		Local: (509) 248-4462 U.S., Alaska, Hawaii: (800) 322-8050 FAX: (509) 453-6143				Bottom Awning Windows	
		Rough Opening Width					
Rough Opening Height		24	30	36	42	48	
	36	24 x 36 ¹	30 x 36 ¹	36 x 36 ¹	42 x 36 ¹	48 x 36 ¹	
	42	24 x 42 ¹	30 x 42 ¹	36 x 42 ¹	42 x 42 ¹	48 x 42 ¹	
	48	24 x 48 ²	30 x 48 ²	36 x 48 ²	42 x 48 ²	48 x 48 ²	
	60	24 x 60 ²	30 x 60 ²	36 x 60 ²	42 x 60 ²	48 x 60 ²	
	72	24 x 72 ³	30 x 72 ³	36 x 72 ³	42 x 72 ³	48 x 72 ³	
	84	24 x 84 ³	30 x 84 ³	36 x 84 ³	42 x 84 ³	48 x 84 ³	

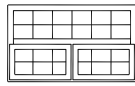
1. 18" vent; 2. 24" vent; 3. 30" vent.



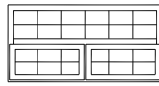
Elevations - Bottom Double Awning



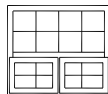
48 X 36



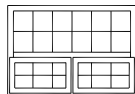
60 X 36



72 X 36



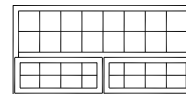
48 X 42



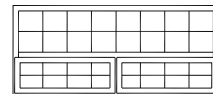
60 X 42



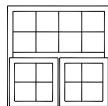
72 X 42



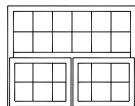
84 X 42



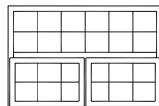
96 X 42



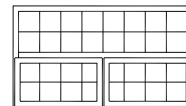
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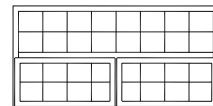
60 X 48



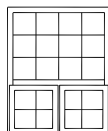
72 X 48



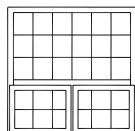
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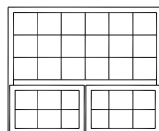
96 X 48



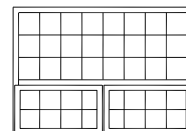
48 X 60



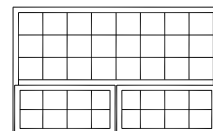
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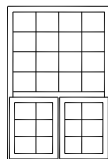
72 X 60



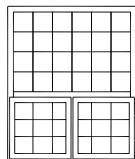
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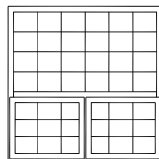
96 X 60



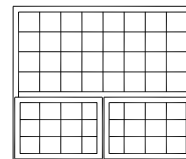
48 X 72



60 X 72



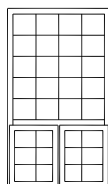
72 X 72



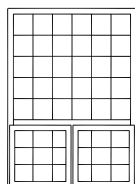
84 X 72



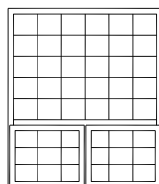
96 X 72



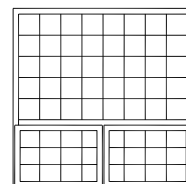
48 X 84



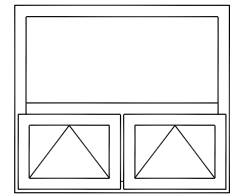
60 X 84



72 X 84



84 X 84



Available Sizes - Bottom Double Awning

Local: (509) 248-4462 U.S., Alaska, Hawaii: (800) 322-8050 FAX: (509) 453-6143				Bottom Double Awning Windows		
	Rough Opening Width					
Rough Opening Height		48	60	72	84	96
	36	48 x 36 ¹	60 x 36 ¹	72 x 36 ¹		
	42	48 x 42 ¹	60 x 42 ¹	72 x 42 ¹	84 x 84 ¹	96 x 42 ¹
	48	48 x 48 ²	60 x 48 ²	72 x 48 ²	84 x 48 ²	96 x 96 ²
	60	48 x 60 ²	60 x 60 ²	72 x 60 ²	84 x 60 ²	96 x 60 ²
	72	48 x 72 ³	60 x 72 ³	72 x 72 ³	84 x 72 ³	96 x 72 ³
	84	48 x 84 ³	60 x 84 ³	72 x 84 ³	84 x 84 ³	

1. 18" vent; 2. 24" vent; 3. 30" vent.

I. GENERAL REQUIREMENTS

- A. Provide **Series 720 Awning** windows where shown on the drawings, according to the following specifications.
- B. Work Included:
 - 1. Shop fabricated rigid polyvinyl chloride (PVC) windows.
 - 2. Shop glazing.
 - 3. Operating hardware and weatherstripping, and screens.
- C. Quality Assurance:
 - 1. Manufacturer must have been in production of vinyl windows for at least five years.
 - 2. Products must be individually labeled with NFRC Thermal Certification, and AAMA Structural Certification labels, indicating the specified performance level.
 - 3. All extrusions used must be listed in the AAMA Certified PVC Extrusions Directory for conformance to AAMA 109 procedures.
 - 4. Windows must be installed plumb and true into prepared openings in accordance with approved shop drawings or the latest version of AAMA 2400 or ASTM E2112.
- D. Delivery, Storage, and Handling:
 - 1. Deliver windows to jobsite.
 - 2. Identify each window with series type, U-factor, and work order number.
 - 3. Store off ground, on a flat surface in a near vertical position, under cover and protected from weather.
- E. Warranty:
 - 1. Residential - Limited lifetime warranty coverage shall be provided for as long as the original owner owns the home. Warranty coverage shall include defects in materials and/or workmanship in vinyl material products manufactured by Prime Window Systems, Washington.
 - 2. Multi-Family - If Prime Window Systems products are installed in non-owner multi-family occupied dwellings then this warranty is limited to 10-Years on parts and 1 year on labor from the date of delivery.
 - 3. Commercial - Limited warranty coverage shall be extended for a 2 year period on commercial applications, excluding parts and labor.
 - 4. Terms of the warranty, limitations, and conditions of the warranty coverage shall be available by contacting Prime Window Systems.

Series 720 Awning Specification

- F. System Performance: AAMA/WDMA/CSA 101/I.S. 2/A440-2005 Performance Class AP-C45 (52 x 36); AAMA/WDMA/CSA 101/I.S. 2/A440-2008 Performance Class LC-PG45 (52 x 36)-Type AP.
1. Air Infiltration: Not to exceed 0.1 CFM at 1.57 PSF in accordance with ASTM E283. ^{*note 1}
 2. Water Resistance: No leakage when subjected to 9 PSF for four, five minute cycles and one, fifteen minute cycle per ASTM E547.
 3. Structural: No damage after structural loading of 67.5 PSF per ASTM E330.
 4. Thermal: U-factor not to exceed 0. ^{*note 2} when tested in accordance with NFRC 100-2010 procedures. Each unit shall bear a NFRC certification label.

II. PRODUCTS

- A. **Series 720 Awning Windows** as manufactured by:
Prime Window Systems, 3400 Tacoma Street, Union Gap, WA 98903
1-800-322-8050
- B. Materials:
1. Frames, sash, mullions, and snap-in dry glazing bead members: High impact rigid polyvinyl chloride (PVC), compounded specifically for windows and doors. Material must meet ASTM Standard D 4726 and shall be lead-free. Frame width shall be 3 1/4" minimum with an integrally extruded nailing flange.
 2. Available colors: standard colors are white, almond (beige) and adobe; premium exterior color is dark brown exterior with white interior.
 3. Hardware: All hardware to be Truth®. Windows shall be roto-gear operated by means of a scissor arm. Each unit shall include a sash lock at each lower corner. All locks and operators must be accessible without removal or opening of the insect screen. Hardware shall be color matched to the interior surface of the frame. Exposed surfaces of operating hardware shall be powder coated, E-GARD®, or stainless steel.
 4. Fasteners: Stainless steel, or corrosion resistant finish.
 5. Weatherstrips: Factory installed triple weatherstrip consisting of two (2) compression seals and one (1) fin-pile seal to effectively seal against the intrusion of air, water, and dust.
 6. Insulating glass: Hermetically sealed units, 3/4" overall thickness. Glazing shall be a minimum of float quality and of adequate strength for the size and

use intended.

7. Screens: Charcoal fiberglass 18x16 mesh screen cloth set in painted roll formed aluminum frame fitted to the window with the necessary hardware.

C. Fabrication & Construction:

1. Windows must be constructed in a neat and workmanlike manner. All frame and sash corner joints shall be miter cut and fusion welded. Welds are to be dressed and finished to match the surrounding surfaces.
2. PVC window members shall have an integral white, almond, or adobe color throughout the profile. Exposed surfaces shall be smooth and uniform in appearance.
3. Brown exterior finish (when specified) shall utilize solar reflective acrylic/polyurethane coatings, applied by the profile extruder. To prevent deformation and separation, solid brown extrusions and multi-layer co-extrusions will not be allowed.
4. An internal drainage shall be incorporated into the glazing channel to allow drainage of moisture.
5. Glass units shall be held in place by an AAMA approved internal glazing tape and an externally mounted glazing bead. Glazing tape positioned on the exterior glazing surfaces shall not be permitted. Glass units must be supported by load bearing setting blocks.

CI. Installation:

1. Windows shall be installed by experienced workmen in accordance with architect's instructions and architect's drawings.
2. Proper window installation methods are the responsibility of the architect and/or builder. Recommended installation methods are not the responsibility of Prime Window Systems, Yakima, Washington. Please refer to the latest version of AAMA 2400 or ASTM E2112 for installation procedures.

CII. Cleaning

1. All vinyl and glass must be cleaned inside and out. Temporary labels shall be removed, leaving the NFRC and AAMA labels for final inspection. Under no circumstances should solvents be used for cleaning.

END OF SECTION

(See Architect's notes on next page)

Series 720 Awning Specification

ARCHITECT'S NOTES:

Note 1 Product surpasses AAMA requirement of 0.3 cfm per square foot.

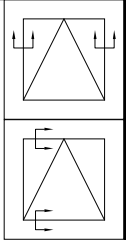
Note 2: To specify a U-factor, select from the chart below. A complete chart of NFRC tested U-factors is found in the test data section.

NFRC CERTIFIED U - FACTORS

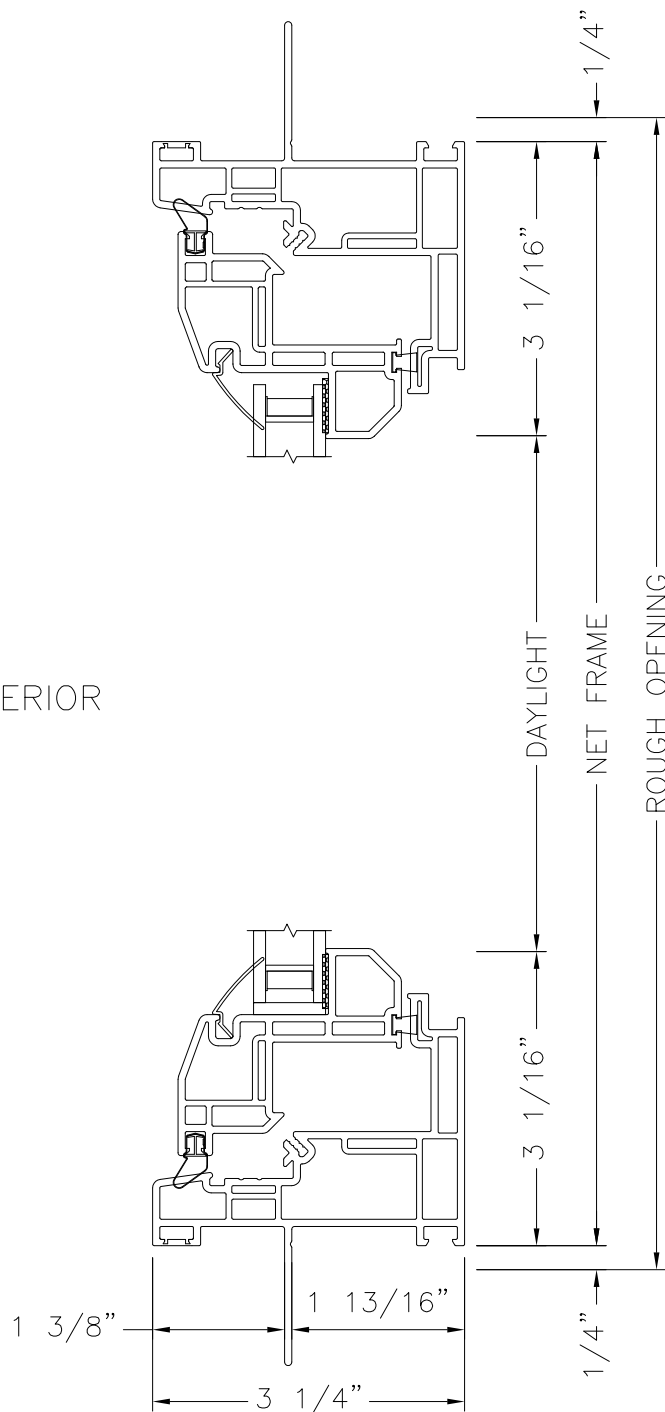
<i>3/4" O.A. glazing</i>	<i>Low E Glass* and Argon</i>	<i>U-value = 0.27</i>
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<i>1" O.A. glazing</i>	<i>Triple pane, Low E* and Argon</i>	<i>U-value = 0.20</i>
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** Standard - Cardinal LoE²-272 (.04 emissivity)*



EXTERIOR



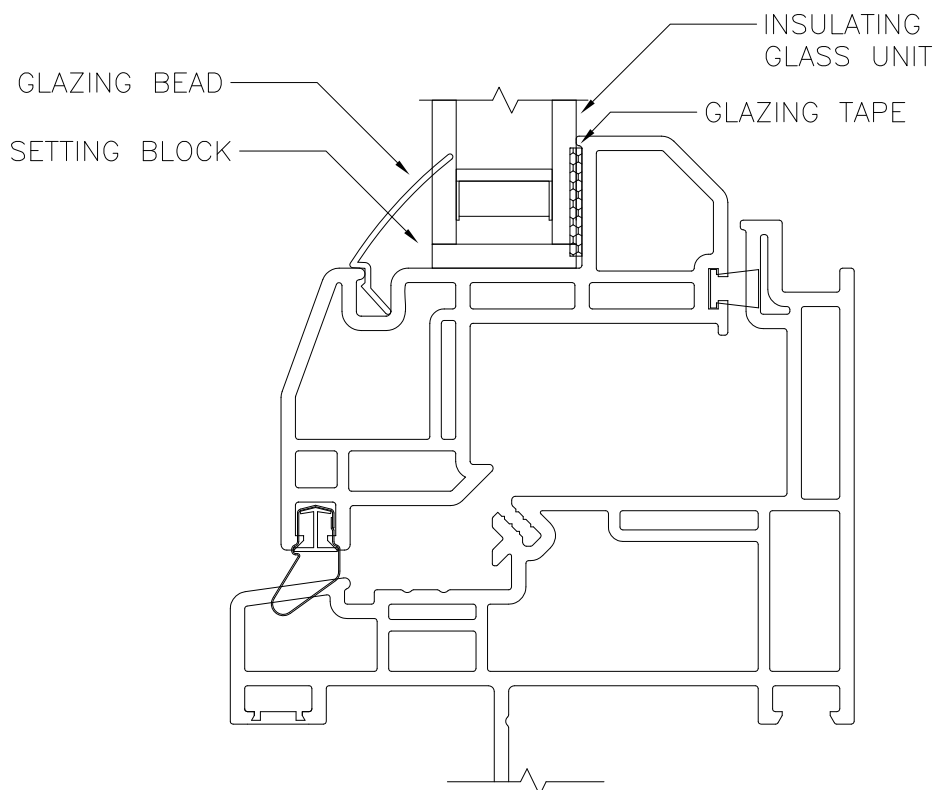
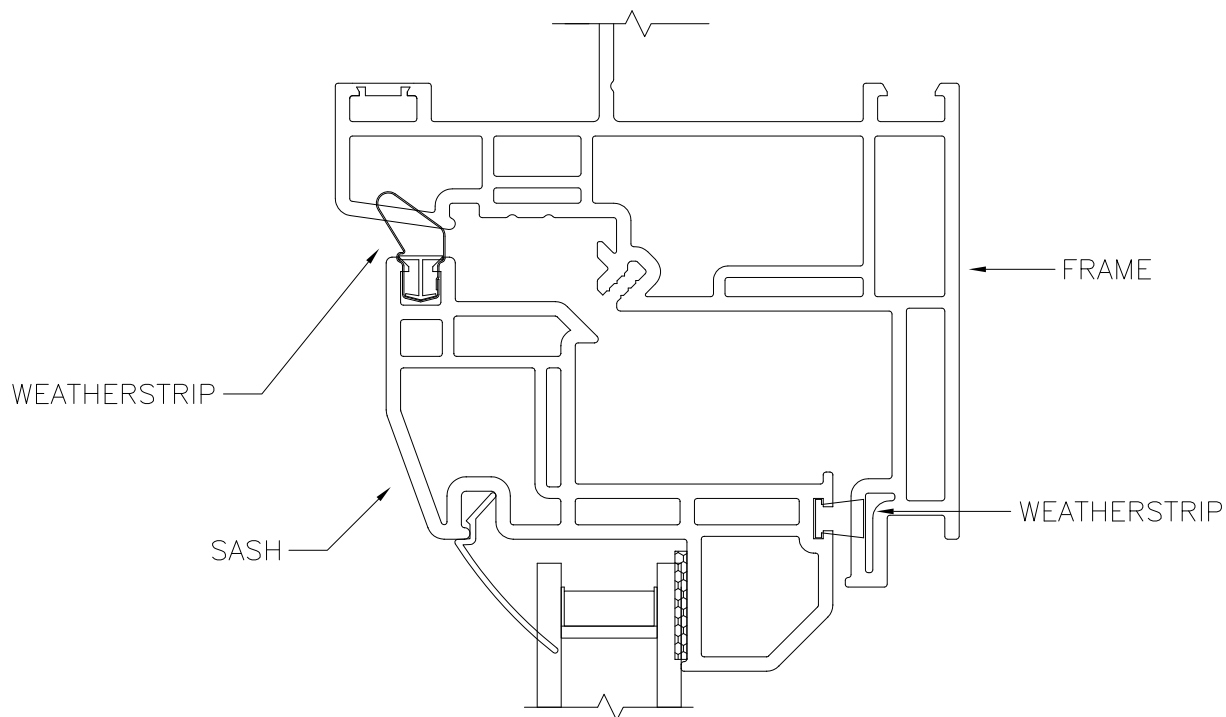
NOT TO BE REPRODUCED WITHOUT EXPRESS PERMISSION OF PRIME WINDOW SYSTEMS

720 Series, Awning Window
Horizontal, Vertical Section
Scale: 1/2 Scale



Drawing name: 9000AW_1.dwg
Date: 2/21/13
Drafted by: CDY

Prime Window Systems, 3400 Tacoma Street, Union Gap, Washington, 98903.



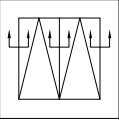
NOT TO BE REPRODUCED WITHOUT EXPRESS PERMISSION OF PRIME WINDOW SYSTEMS

760 Series, Awning Window
Horizontal, Vertical Detail
Scale: Full Scale

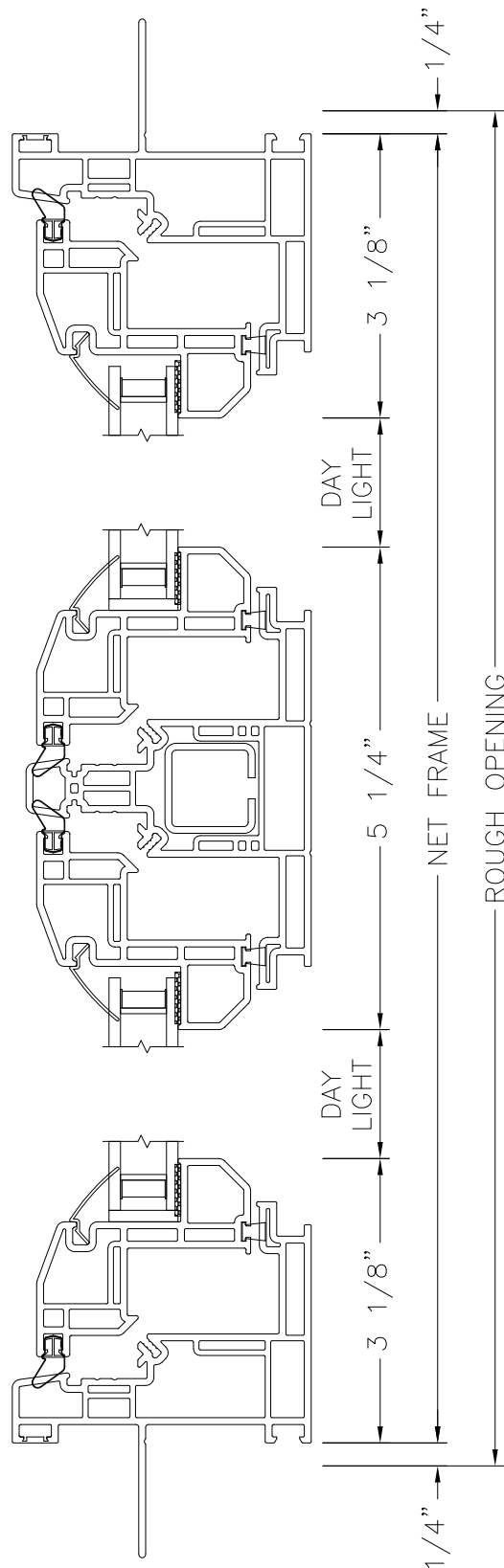


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Drafted by: CDY

Prime Window Systems, 3400 Tacoma Street, Union Gap, Washington, 98903.



EXTERIOR



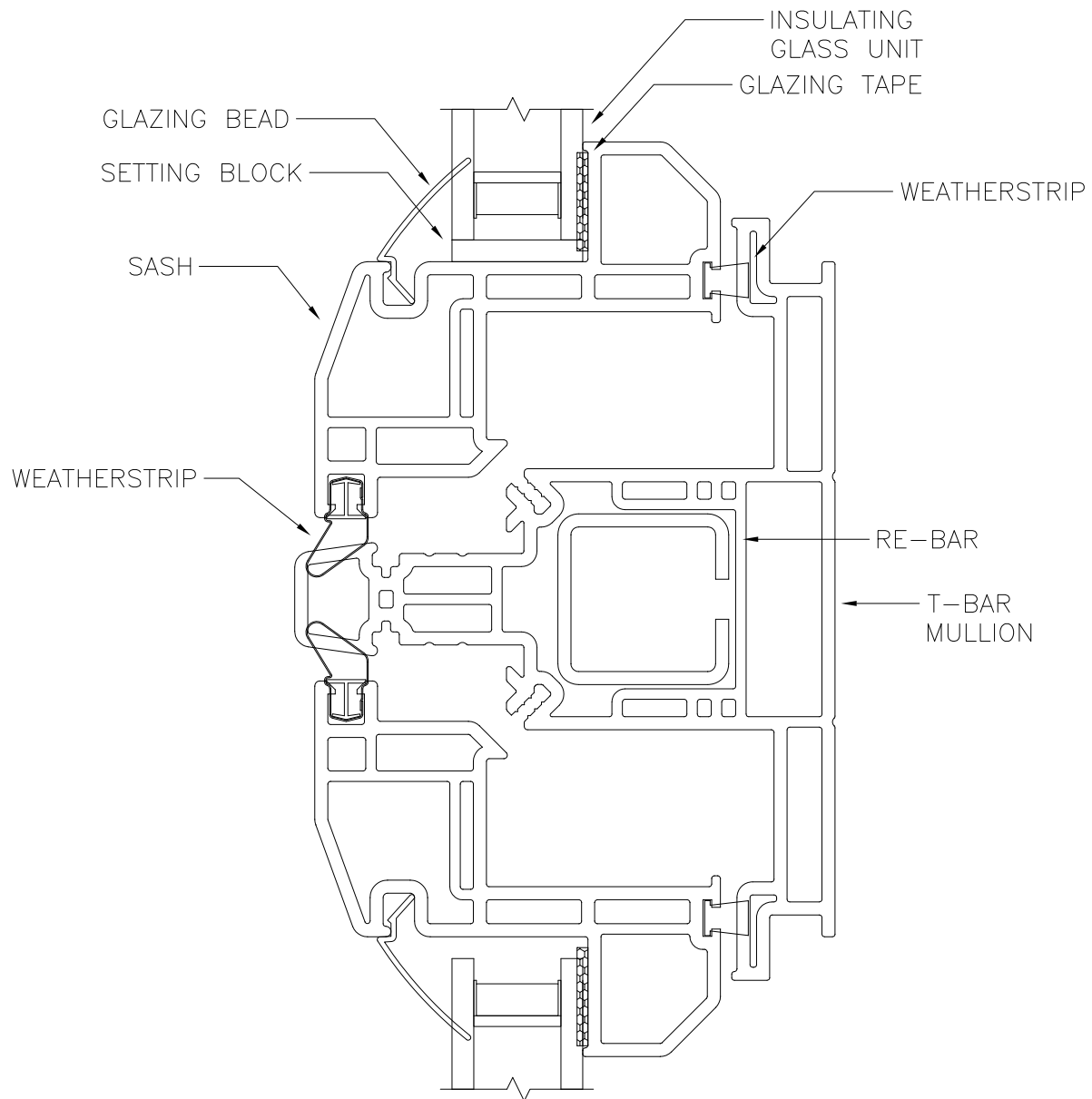
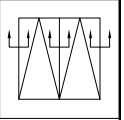
NOT TO BE REPRODUCED WITHOUT EXPRESS PERMISSION OF PRIME WINDOW SYSTEMS

720 Series, Awning, Integral Mullion
Horizontal, Vertical Section
Scale: 1/2 Scale



Drawing name: 9000AW_3.dwg
Date: 2/21/13
Drafted by: CDY

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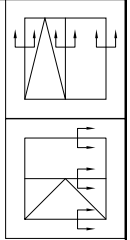
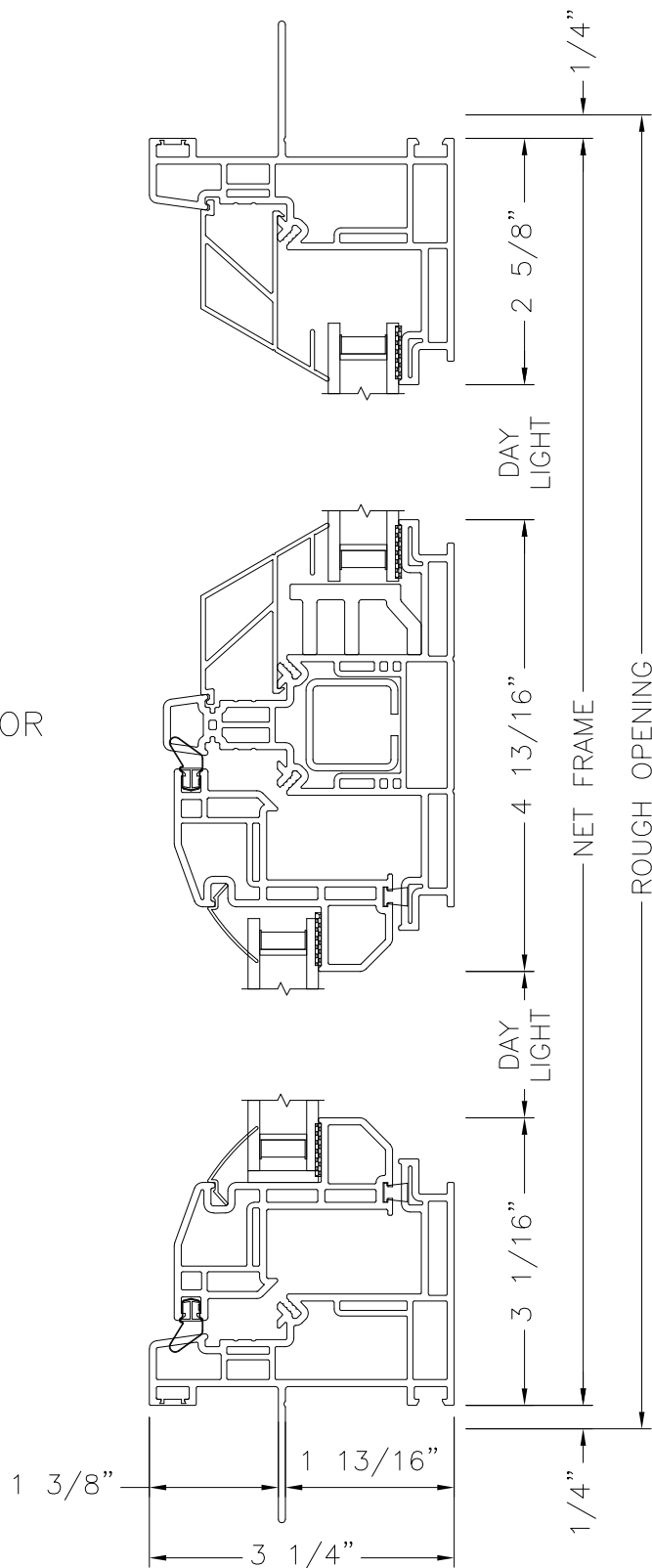
720 Series, Awning, Integral Mullion
Horizontal, Vertical Detail
Scale: Full Scale



Drawing name: 9000AW_3d.dwg
Date: 2/21/13
Drafted by: CDY

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EXTERIOR



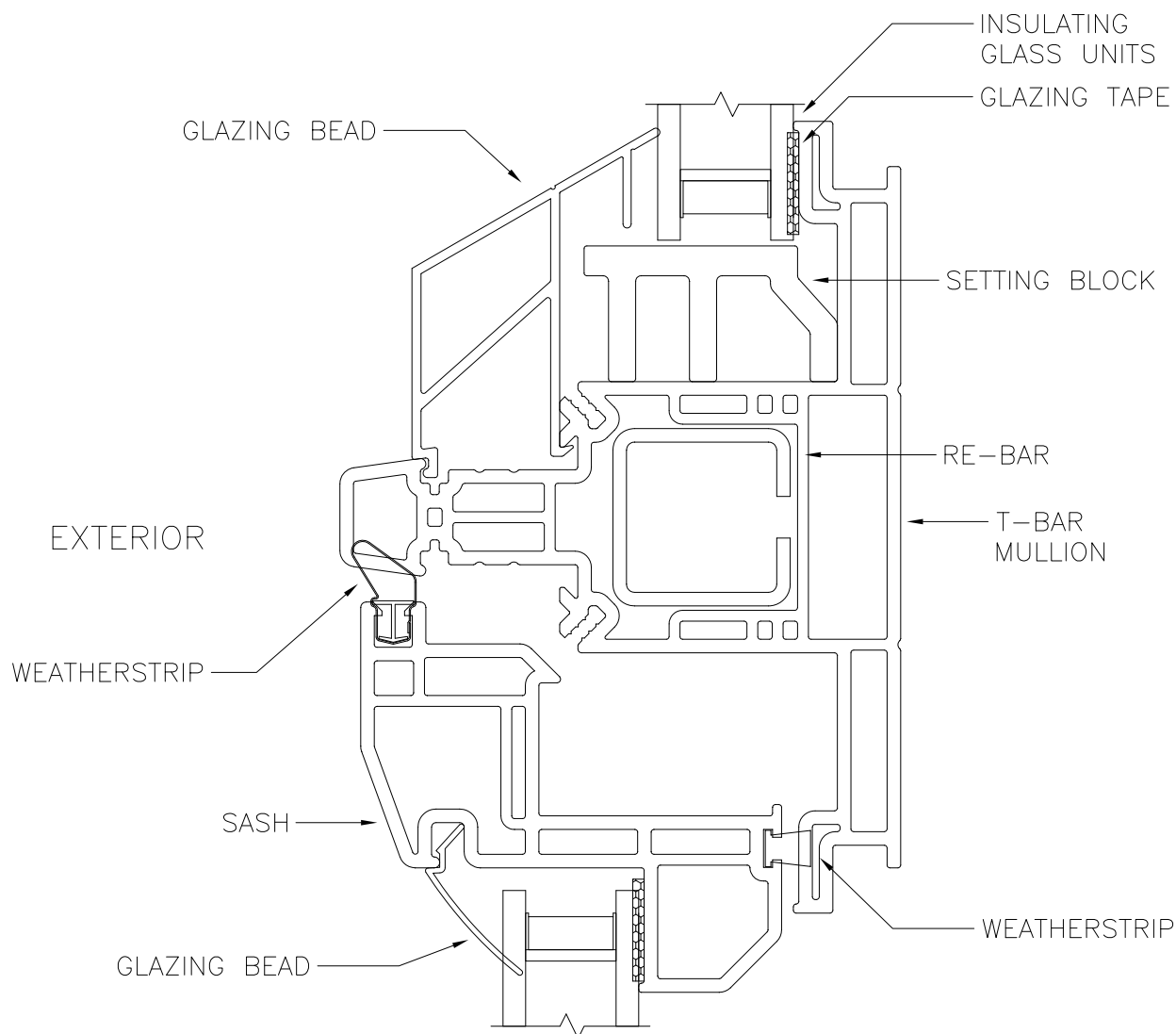
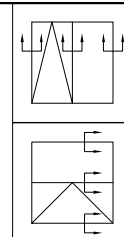
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720 Series, Awn/ Fixed, Integral Mullion
Horizontal, Vertical Section
Scale: 1/2 Scale



Drawing name: 9000AW_4.dwg
Date: 2/21/13
Drafted by: CDY

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720 Series, Awn/ Fixed, Integral Mullion
Horizontal, Vertical Detail
Scale: Full Scale



Drawing name: 9000AW_4d.dwg
Date: 2/21/13
Drafted by: CDY

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