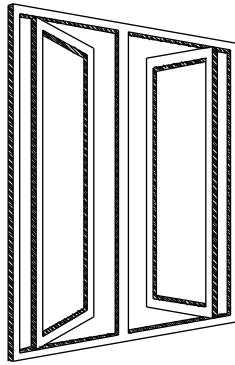
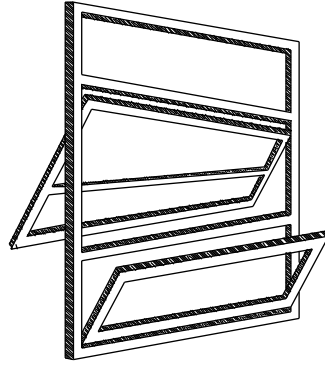


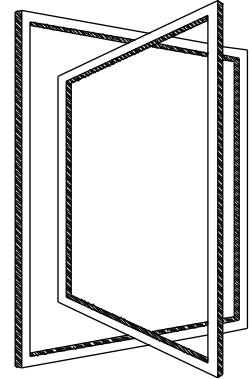
FIXED



CASEMENT



PROJECTED



**VERTICALLY
PIVOTED**

PAC series 4000 is a professionally designed, pressure equalized, precision manufactured window system for energy conserving and high performance requirements. This includes 180° pivoted vented system. The aluminum extrusions are designed such that they will accept poured-in polyurethane thermal break materials when specified. Our polyurethane poured-in material offers a complete thermal break separation using monumental class "V" cavity which reduces thermal conductance through the frame. Inside or outside glazing with single or double glass is available. An extensive selection of framing, compensating channels, sub-sills and hardware are available. In order to achieve high performance the interior face of all windows is fully weather-stripped around the perimeter.



SERIES 4000 (non thermal) and 4000T (thermal break)WINDOWS
VENETIAN BLINDS OPTIONAL

1. General Description.

Work included: The glazing contractor shall furnish all necessary labor, materials and equipment for the complete installation of aluminum windows called for in the contract documents.

Drawings and Specifications are based on Pacific Aluminum Series 4000 non –thermal or Series 4000T thermally broken window (Architect specify), project in or project out (Architect specify), inside or outside glazed (Architect specify), with or without internal Venetian blinds (Architect specify), with or without sub-frame (Architect specify), for _" or 1" glass (Architect specify).

2. Materials.

Extrusions shall be 6063-T5 alloy and temper. The combined depth of frame and ventilator shall be no less than 2 1/8". Fasteners shall be aluminum, stainless steel or other non-corrosive material. Perimeter anchors shall be cadmium plated steel. Weather stripping shall be EPDM or closed cell neoprene in conformance with ASTM C-509. Glazing gaskets shall be E.P.D.M. extrusion. Thermal break, if required, shall be two part, chemically cured high density polyurethane.

3. Performance Requirements: Windows shall meet or exceed AAMA HC-65 rating.

Air Infiltration: System shall be tested in accordance with ASTM E283-91. Infiltration shall not exceed .10 CFM per square foot of fixed area when tested at 6.24 P.S.F.

Water Infiltration: System shall be tested in accordance with ASTM E331-96. No water penteration shall occur at a test pressure of 10 P.S.F.

Structural Performance: System shall be tested in accordance with ASTM E330-90. Maximum deflection shall be 1/175 of span at a wind load of _____P.S.F. (Architect specify wind load)

Thermal Performance: System shall be tested in accordance with AAMA 1503.1-88.

5. Finish:

All exposed surfaces shall be free of scratches and other serious blemishes. Finish shall be manufacturers standard _____ (Clear anodized or Bronze anodized) or custom painted _____ (select one)

(Architect to provide color and specification)



6. Hardware:

All operating handles shall be die cast metal alloy with baked enamel finish or _____ (Architect specify other finish if desired).

Hinges shall be one pair of Andenberg 4 bar heavy duty hinges or butt hinges with "roto" operators (Architect specify)

7. Fabrication:

Frame members shall be one continuous piece joined at the corners mechanically. Vent corners shall be joined mechanically and welded. Windows shall be glazed with glazing tape and EPDM or sponge gaskets. Glass shall be held in place by .062 extruded aluminum glazing beads fit flush with the glazing leg sightline. All corners and internal intersections shall be factory sealed and water entering the system shall drain to the exterior.

8. Installation:

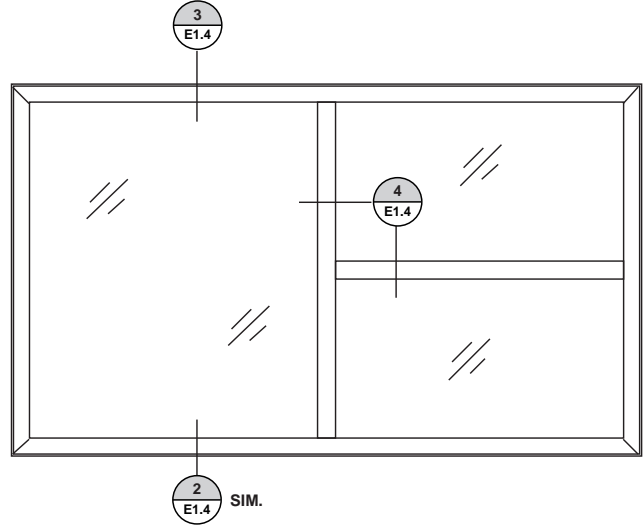
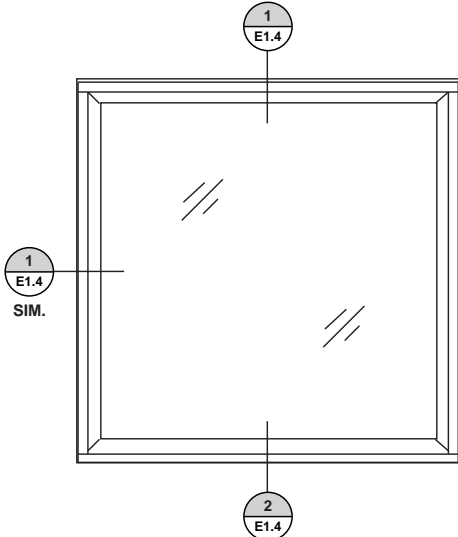
Windows shall be installed in their correct locations and set level, square and plumb in alignment with other work and substrates, in accordance with the manufacturers installation instructions, approved shop drawings and accepted industry standards. All joints between framing and substrates shall be sealed per sealant manufacturers recommendations to insure a weather tight installation.

9. Protection and cleaning.

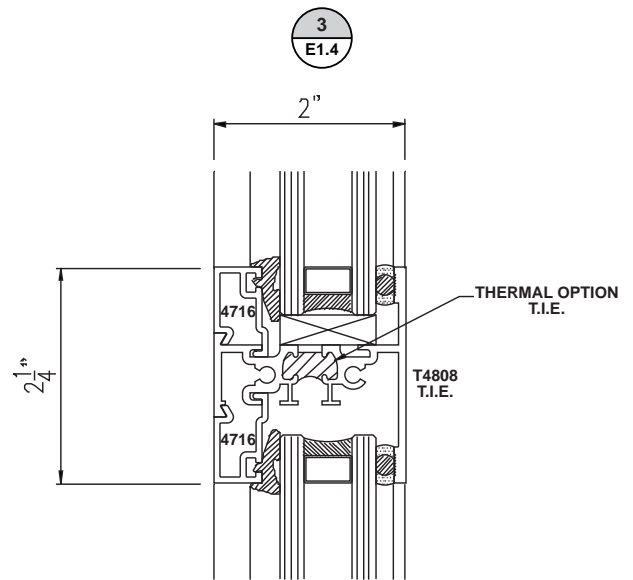
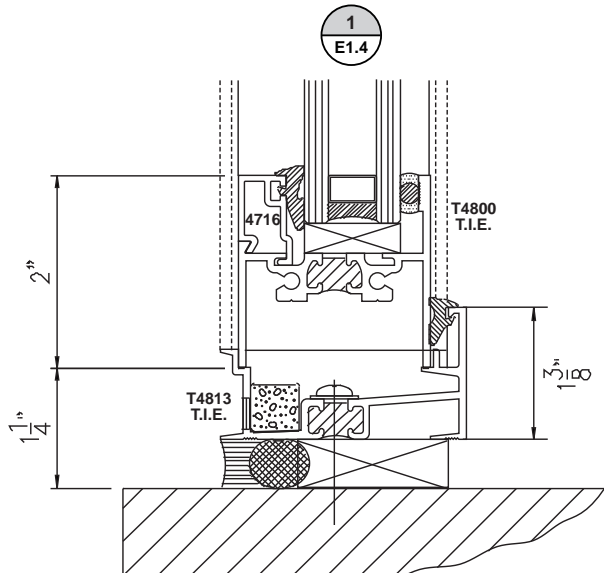
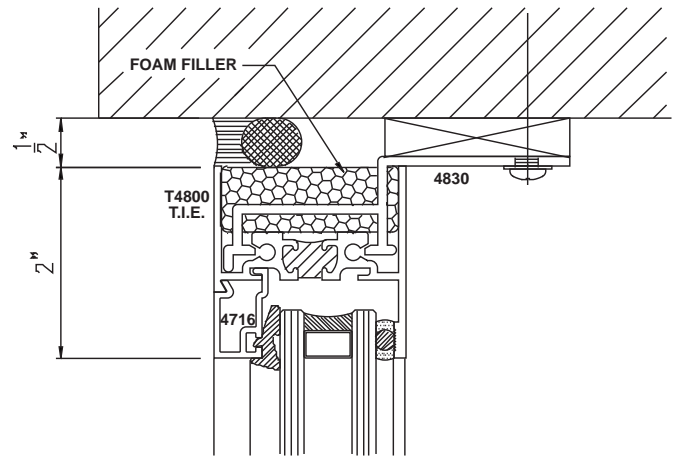
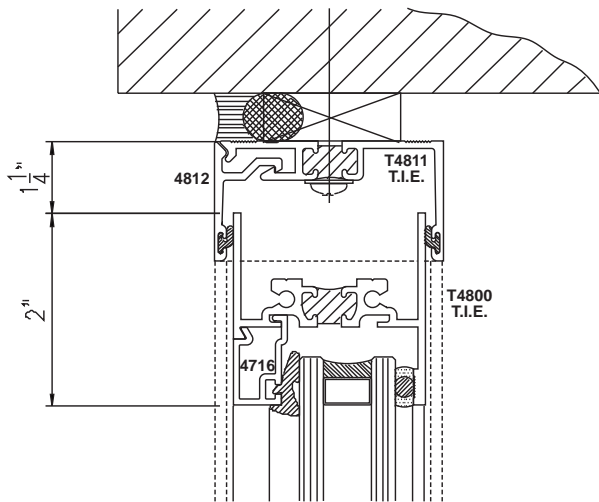
After installation the General Contractor shall protect exposed aluminum surfaces from damage. The General Contractor shall be responsible for final cleaning.

10. Venetian Blinds (if required):

Windows with integral Venetian blinds system shall have an access frame that is factory glazed with a wrap vinyl gasket. Access frame shall have key operated security lock.



FIXED WINDOW WITH COMPENSATING CHANNEL



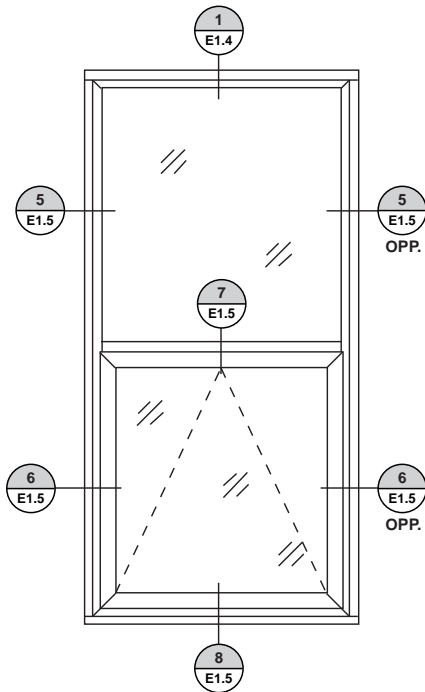
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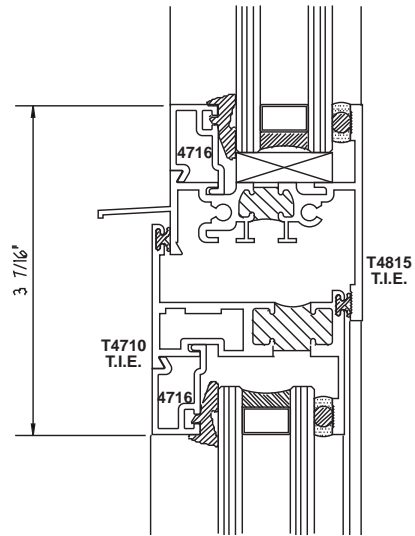
7533 WEST BOSTIAN ROAD WOODINVILLE, WASHINGTON 98072

DETAILS

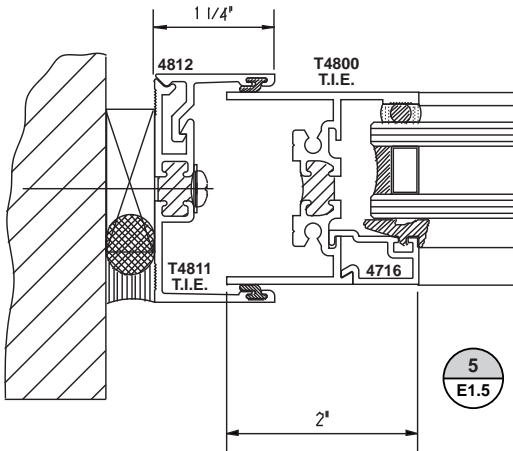
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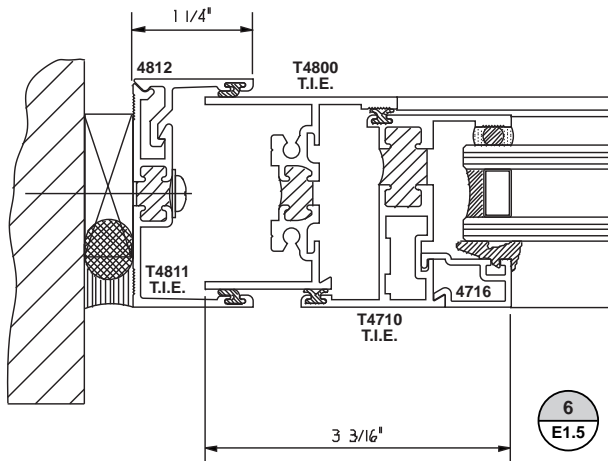
FIXED AND PROJECT OUT WINDOW WITH COMPENSATING CHANNEL



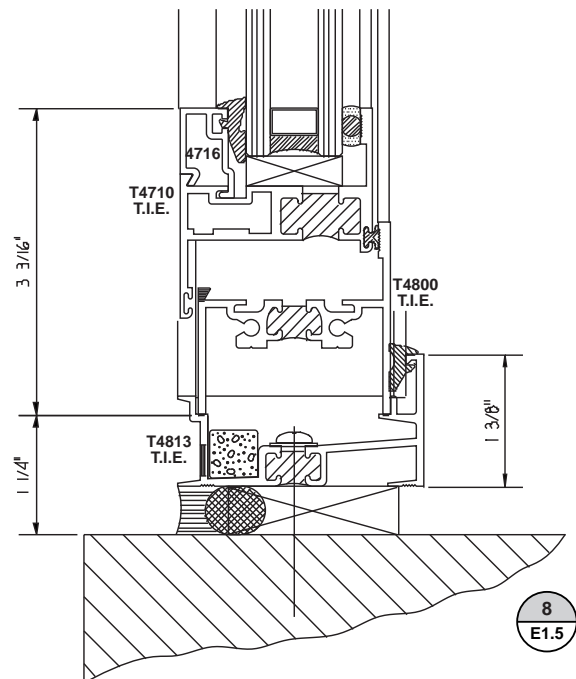
7
E1.5



5
E1.5



6
E1.5



8
E1.5

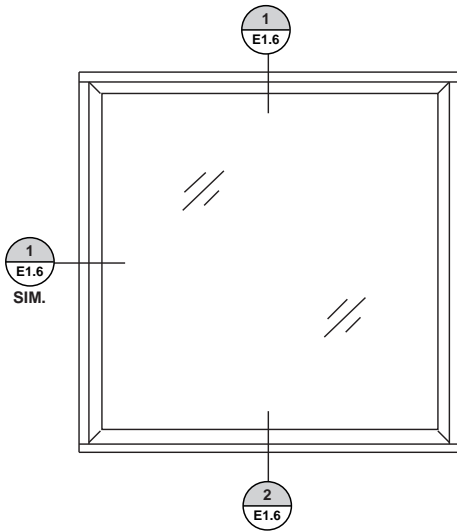
REV. 1.1

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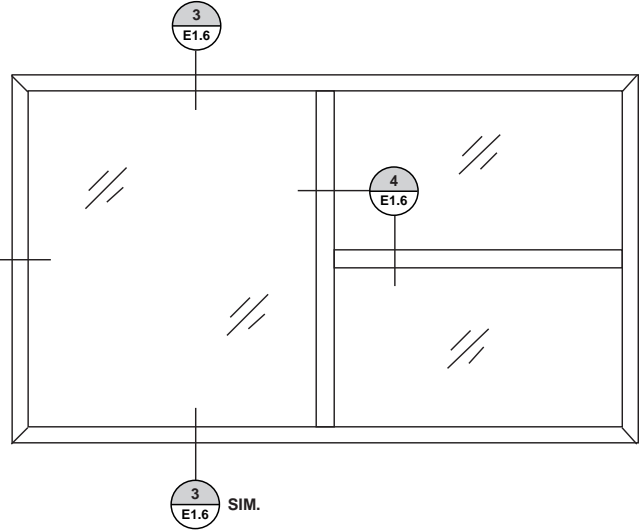
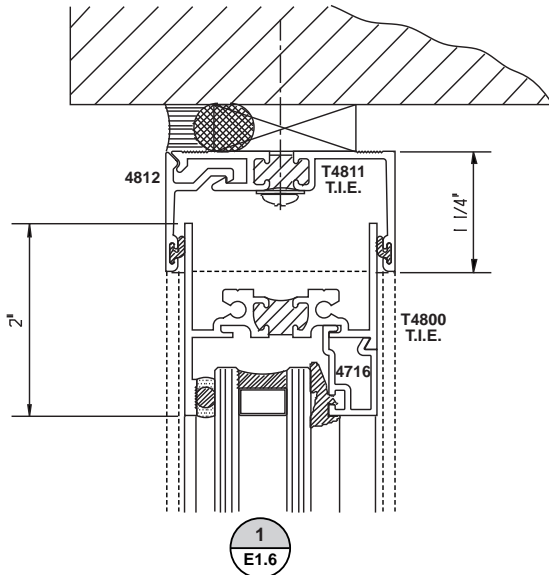
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DETAILS

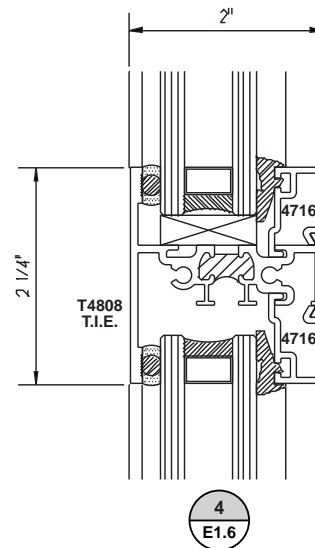
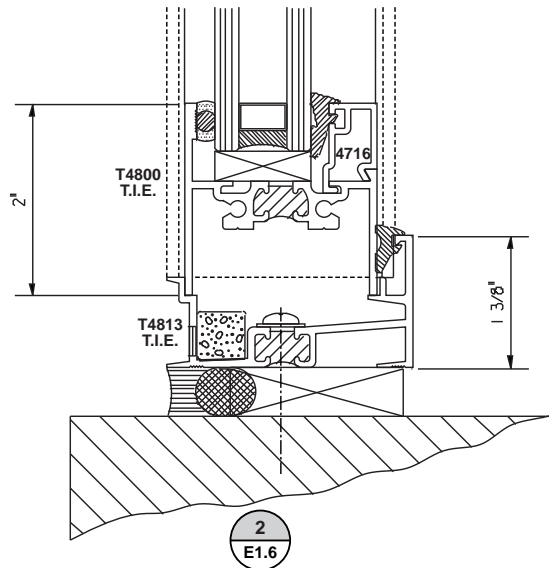
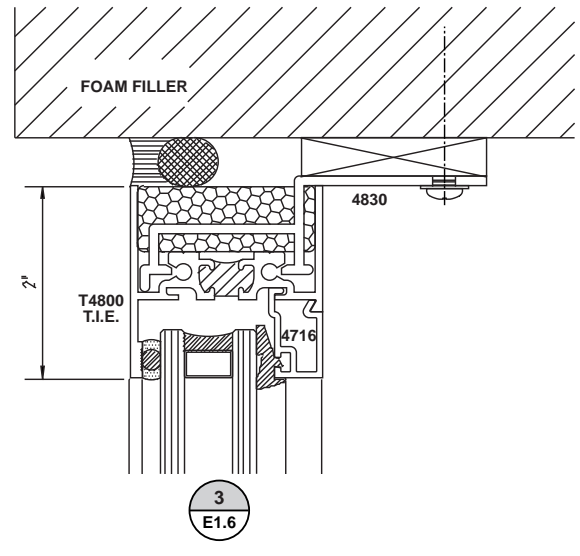
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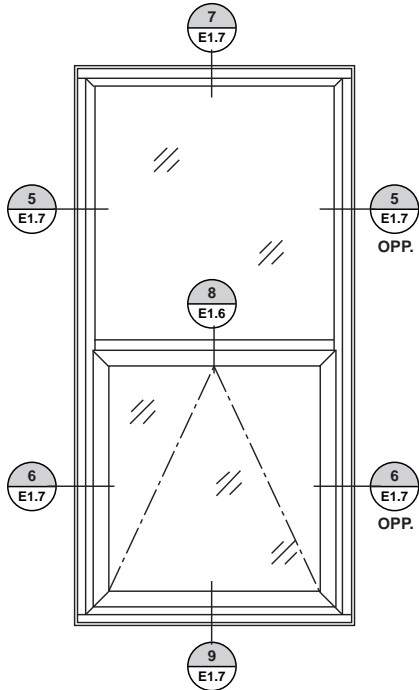
FIXED WINDOW WITH COMPENSATING CHANNEL



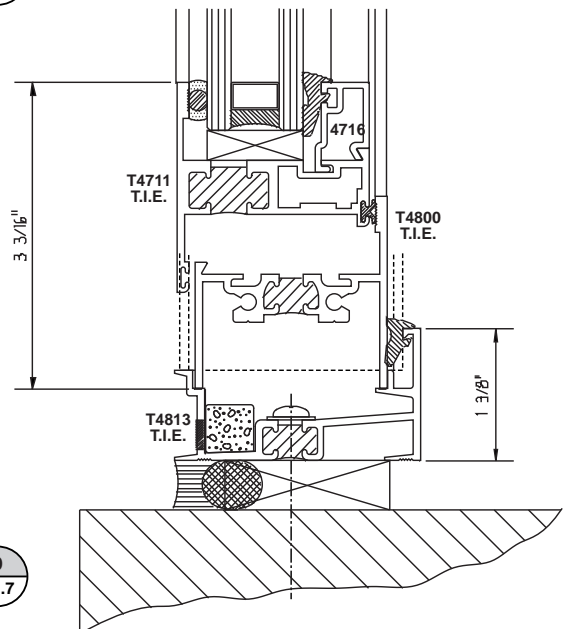
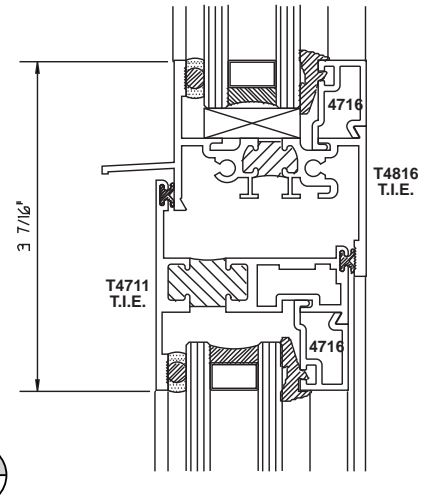
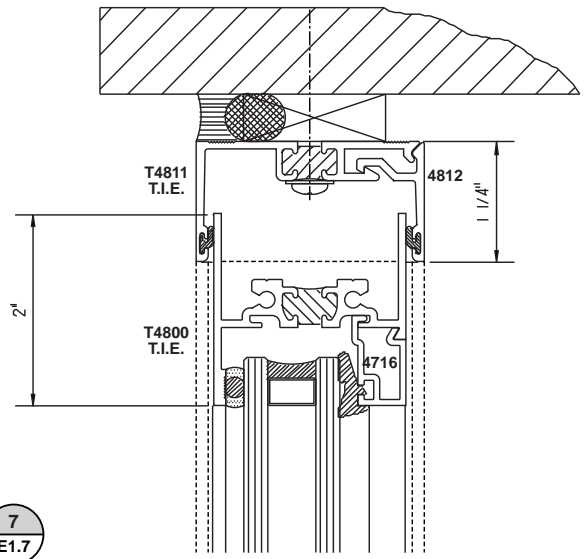
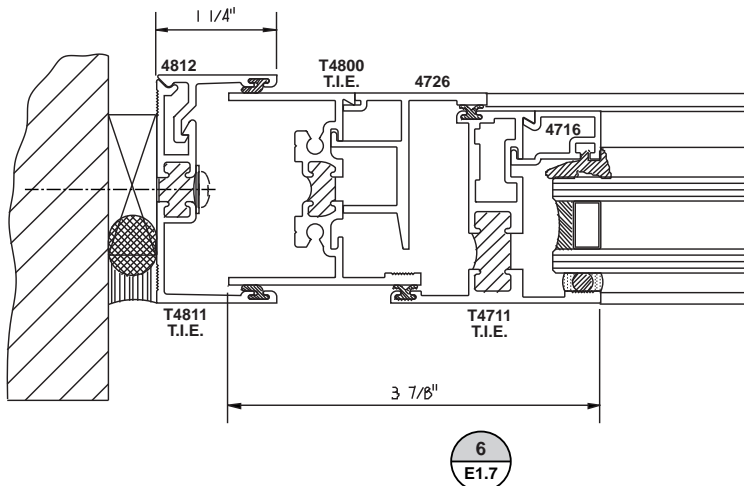
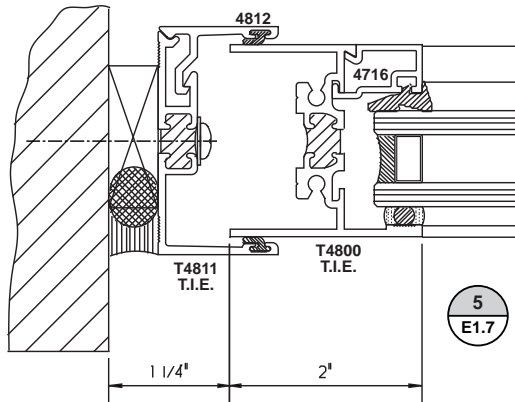
FIXED WINDOW WITH ANCHOR CLIPS AND INTERNAL DIVISION BARS



REV. 1.1



FIXED AND PROJECT OUT WINDOW WITH COMPENSATING CHANNEL



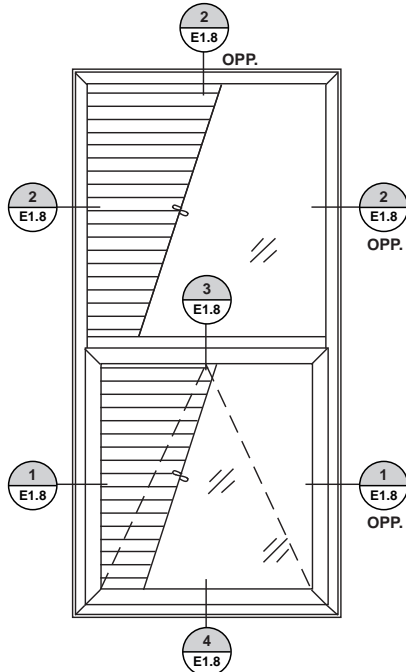
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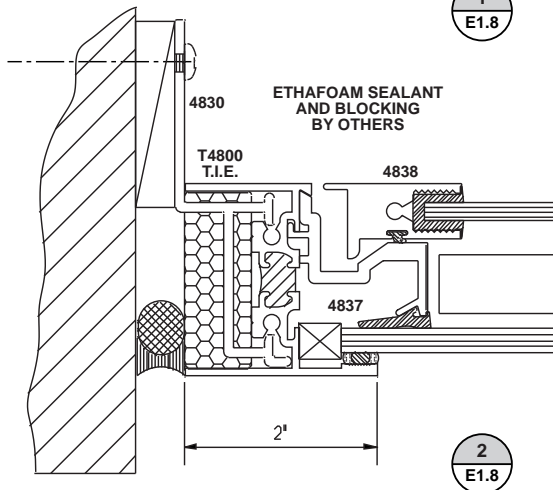
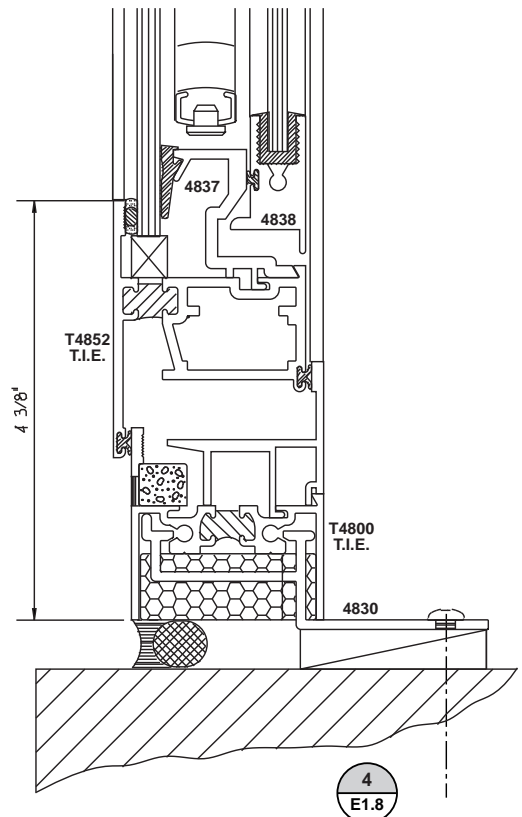
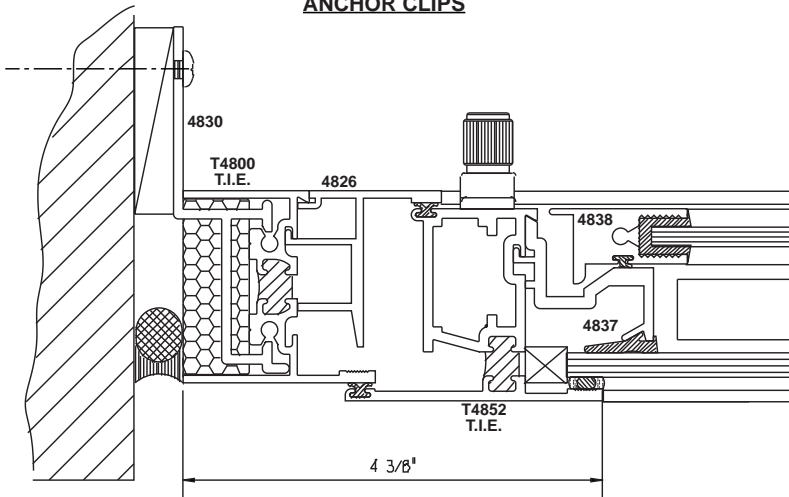
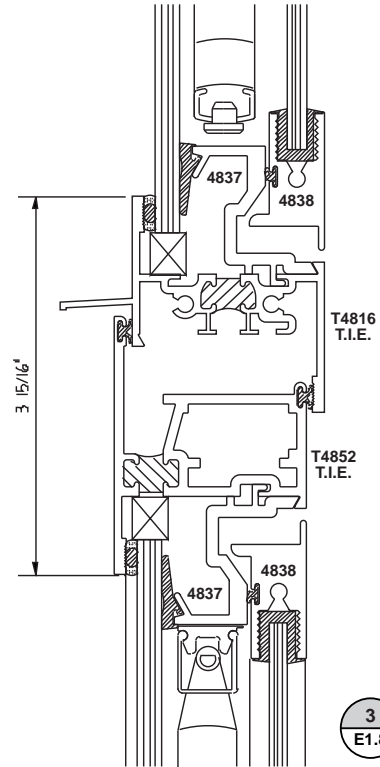
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DETAILS

E1.7



FIXED AND PROJECT OUT WINDOW WITH ANCHOR CLIPS



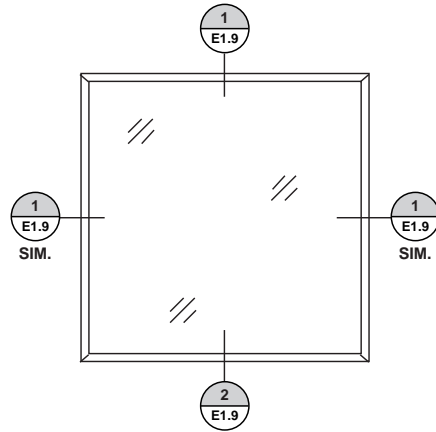
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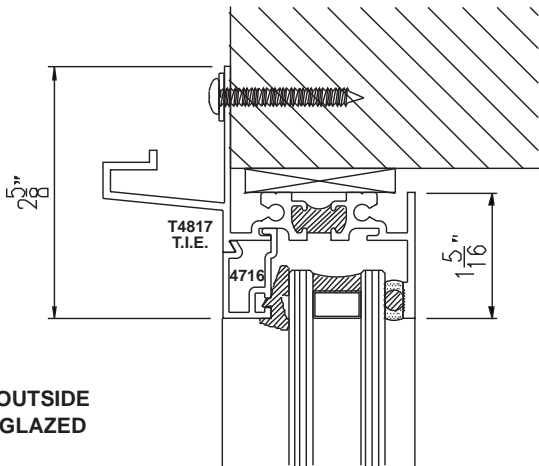
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DETAILS

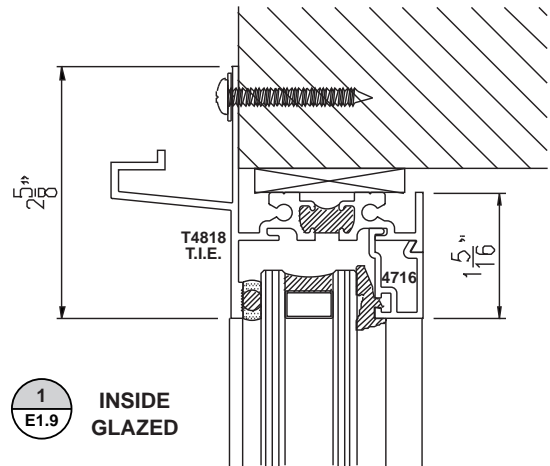
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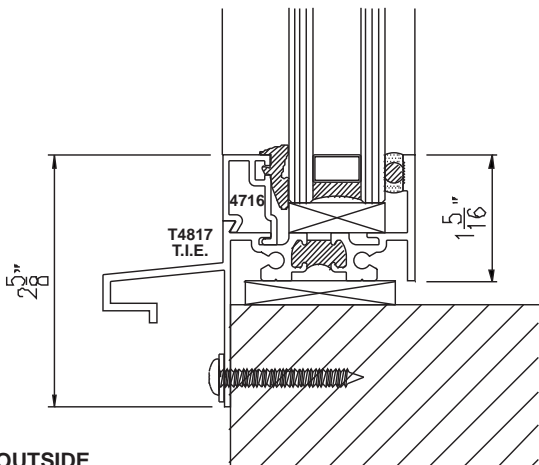
FIXED NAIL-IN FLANGE WINDOW



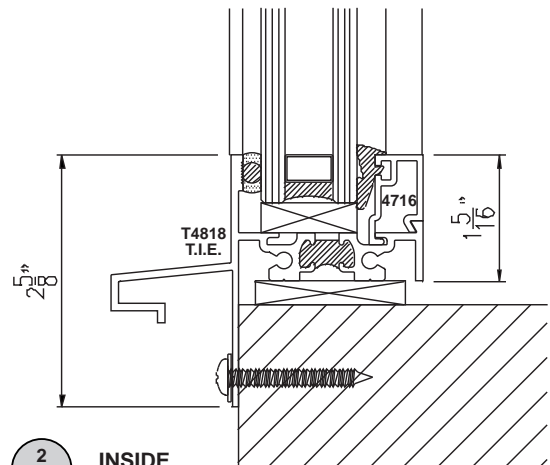
1 OUTSIDE GLAZED



1 INSIDE GLAZED

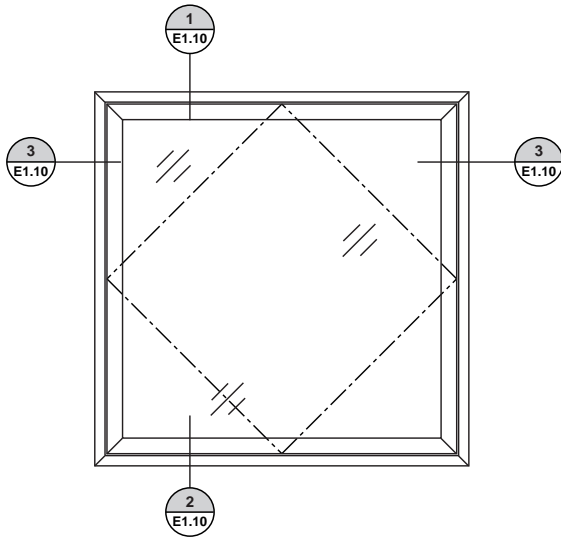


2 OUTSIDE GLAZED

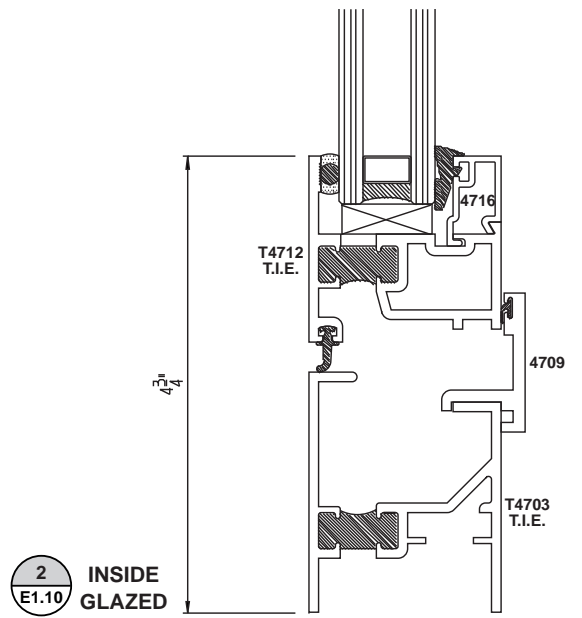
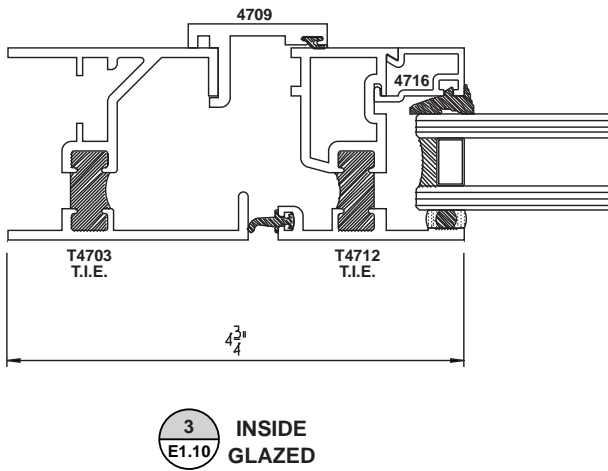
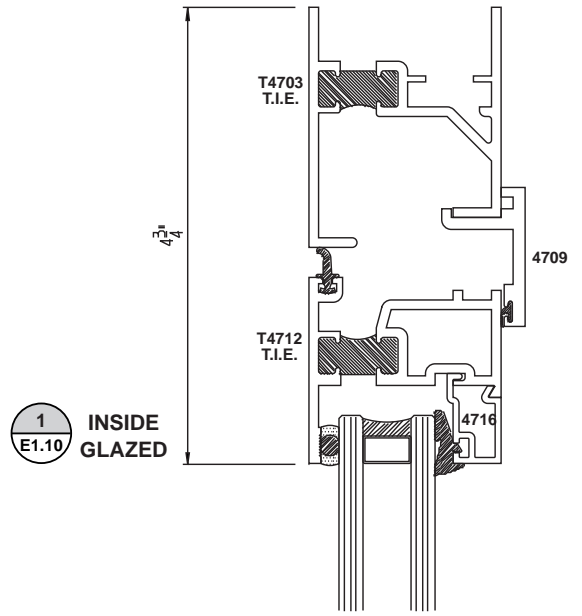


2 INSIDE GLAZED

REV. 1.1



180° PIVOTED WINDOWS



REV. 1.1

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DETAILS

E1.10