SPECIFICATIONS: 9000 SERIES 1 3/4" x 4 1/2"

GENERAL DESCRIPTION

Work includes furnishing all necessary materials, labor and equipment for the installation of the aluminum framing system as specified herein.

NOT included: Structural support of the framing system.

PERFORMANCE REQUIREMENTS

Structural Performance-Deflection shall be tested in accordance with ASTM E330. Maximum deflection of a member shall not exceed L/175 of its span, and when the load is removed there shall be no evidence of permanent deformation or damage when tested under a load of (SPECIFY) PSF.

PRODUCTS/MATERIALS

Extrusions shall be AA-6063-T5 alloy and temper (ASTM B221 alloy G.S. 10A-T5) with a nominal wall thickness of .090". Fasteners shall be aluminum; stainless steel or zinc plated steel in accordance with ASTM A 164. Glazing gaskets shall be EPDM elastomeric extrusions or vinyl with a fiberglass reinforcement cord to prevent stretching.

FABRICATION

The framing system shall provide for flush glazing on all sides with no projecting stops. Vertical and horizontal framing members shall have a nominal face dimension of $1\frac{3}{4}$, with an overall depth of $4\frac{1}{2}$.

FINISHES

All exposed framing surfaces shall be free of scratches and other serious blemishes. Aluminum extrusions shall be given an acid etch, followed by an anodic oxide treatment conforming to the American Architectural Metal Association to obtain a color anodized finish AA-M12C2XA31 class II (clear anodized) or AA-M12C2XA44 class I (dark bronze anodized). Wood grain, black anodize, powder coat, and Kynar finishes are available upon request.

EXECUTION

The framing system shall be installed, glazed, and adjusted by experienced workers in accordance with the Ramco's installation instructions and the approved shop drawings.

CLEANING AND PROTECTION

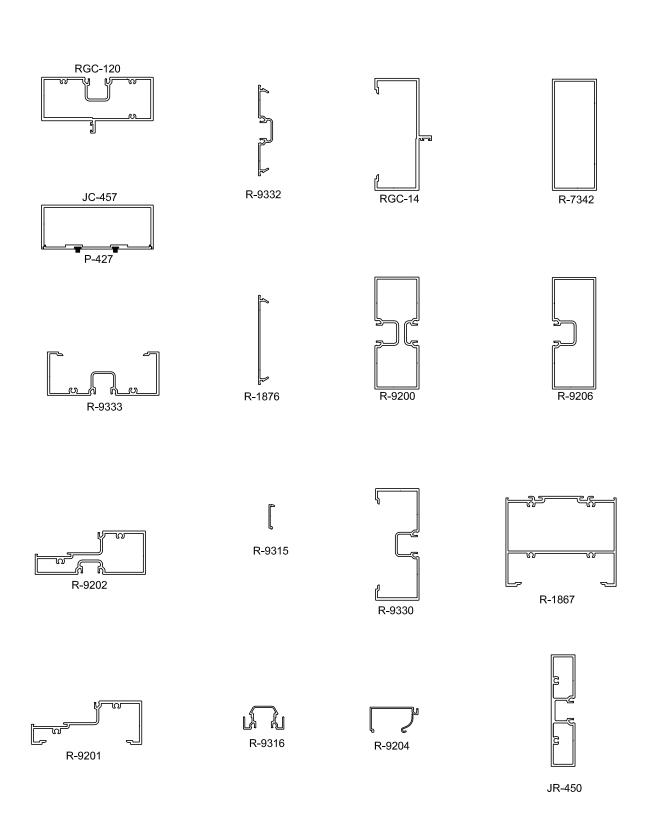
After installation all metal surfaces shall be cleaned to remove contaminants. All work shall be protected against damage until approved by the general contractor. Thereafter, it shall be the responsibility of the general contractor to provide protection and final cleaning.

NOTE: "Always Service All Ways" is our trade mark and to keep up with today's innovations Ramco reserves the right to change specifications without written notice.



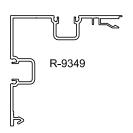
INDIVIDUAL EXTRUSIONS 1/4 SCALE

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INDIVIDUAL EXTRUSIONS
1/4 SCALE



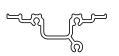




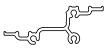




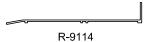




R-9300



R-9302



TAIL

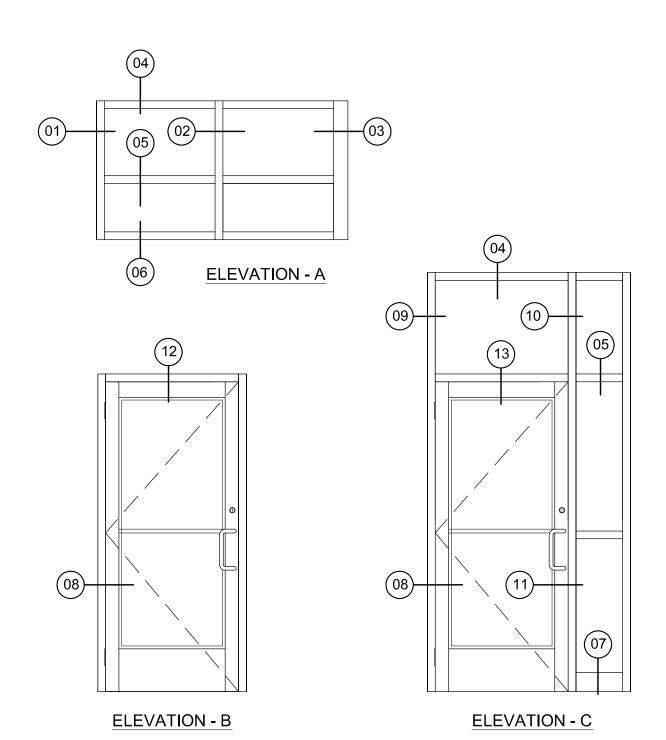
TR-5114 VINYL



9000 SERIES
STOREFRONT TYPICAL ELEVATIONS

STOREFRONT TYPICAL ELEVATIONS (1/4" GLAZING)

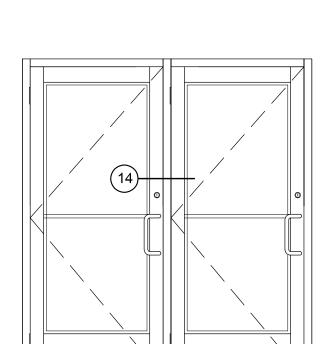
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STOREFRONT TYPICAL ELEVATIONS (1/4" GLAZING)



ELEVATION - D

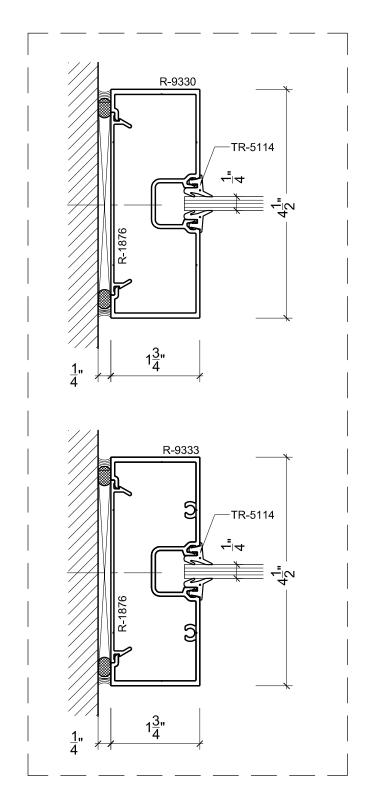


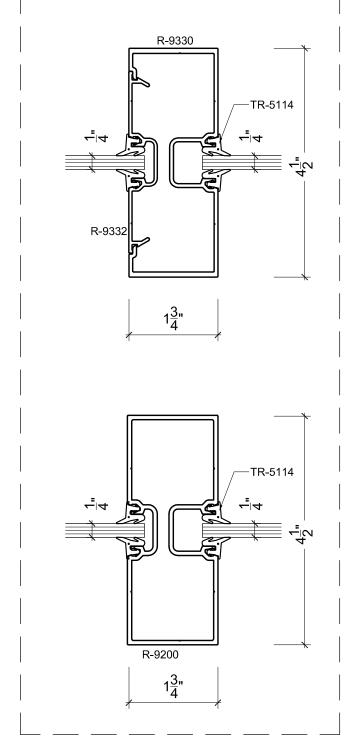
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9000 SERIES

DETAILS
1/2 SCALE



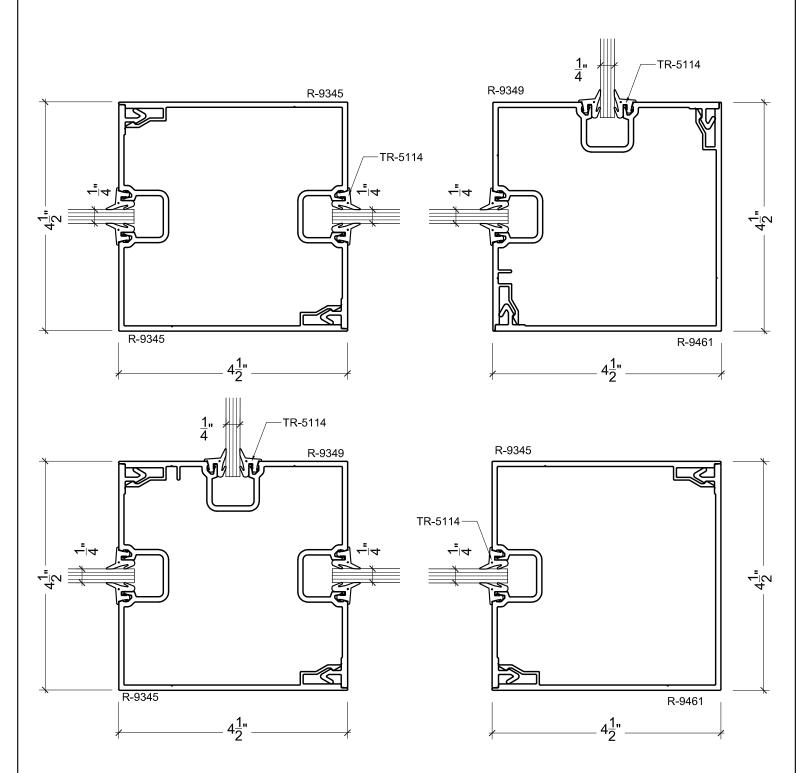


SECTION (1)

SECTION (2)



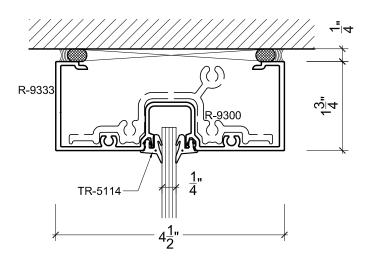
DETAILS
1/2 SCALE



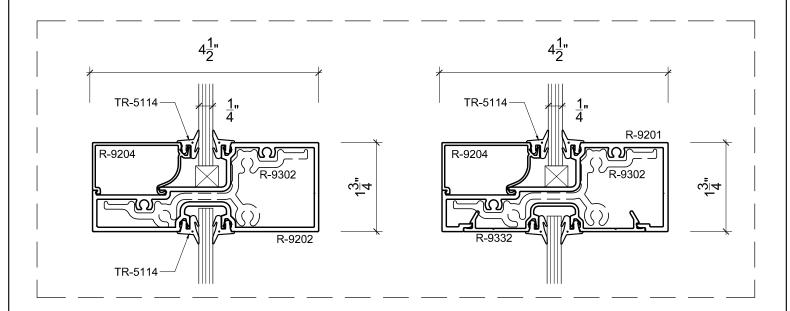
SECTION (3)



DETAILS
1/2 SCALE



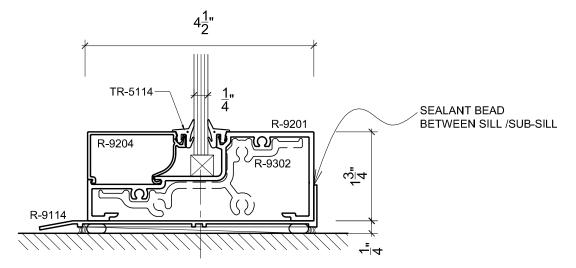
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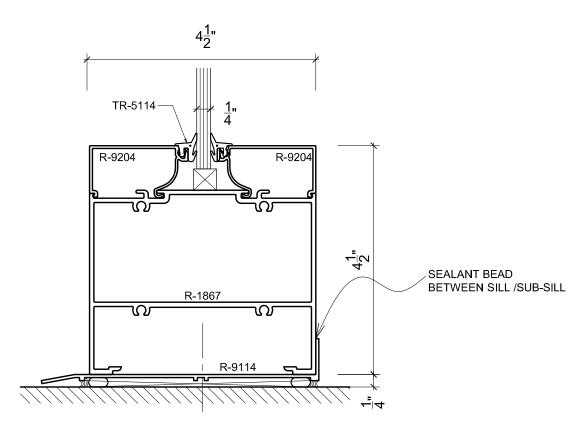
SECTION (5)



DETAILS
1/2 SCALE



SECTION (6)

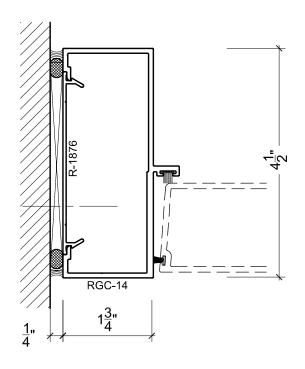


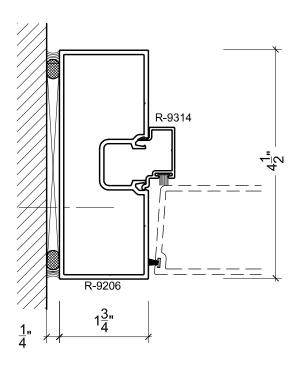
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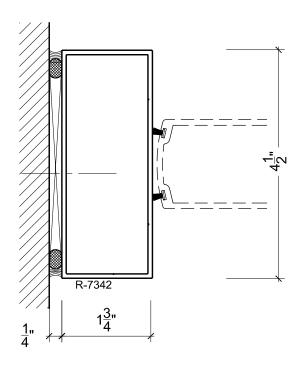


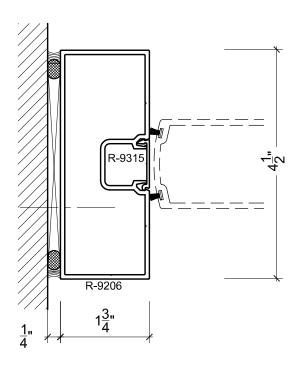
DETAILS 1/2 SCALE

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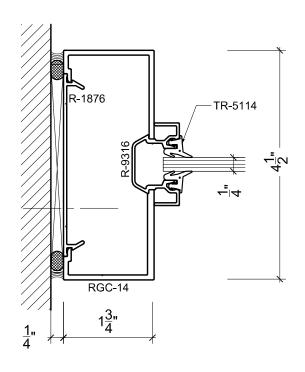


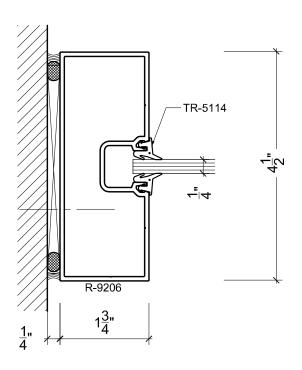


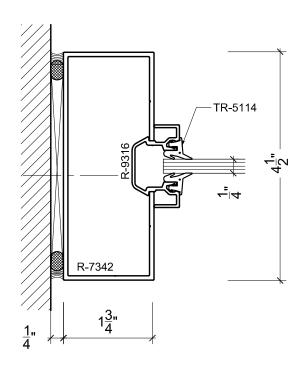
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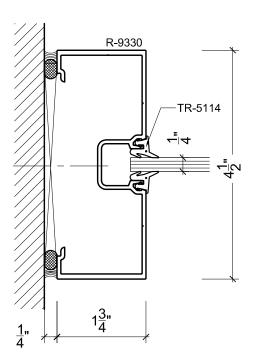


DETAILS
1/2 SCALE





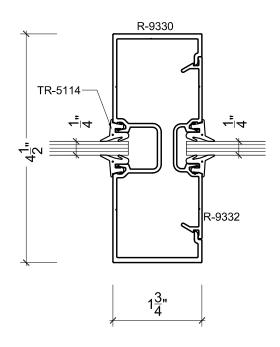


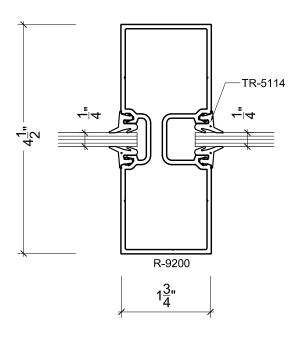


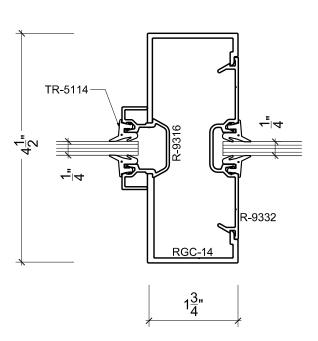
SECTION 9



DETAILS
1/2 SCALE



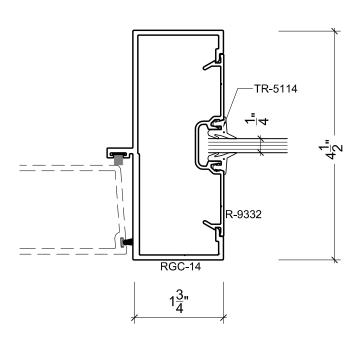


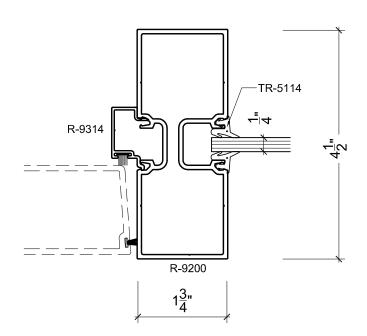


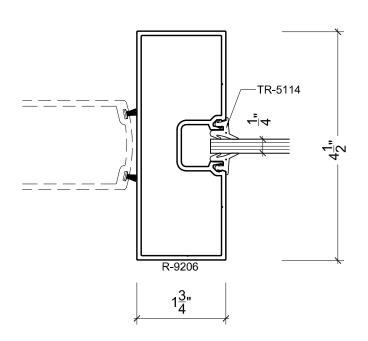


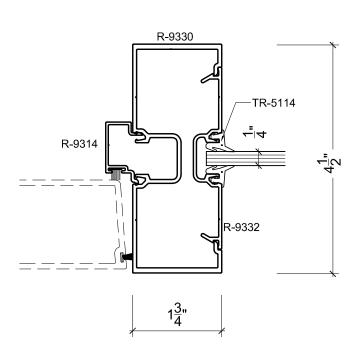


DETAILS
1/2 SCALE





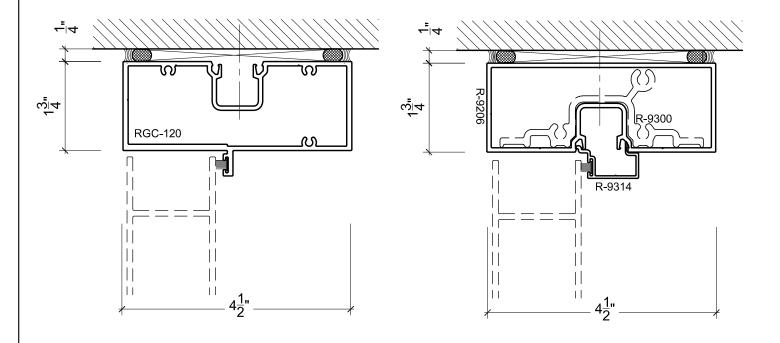


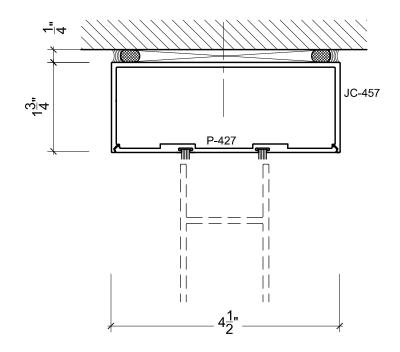


SECTION 11



DETAILS
1/2 SCALE

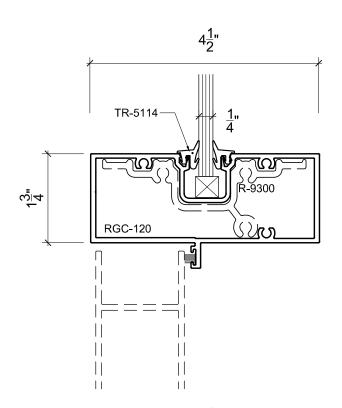


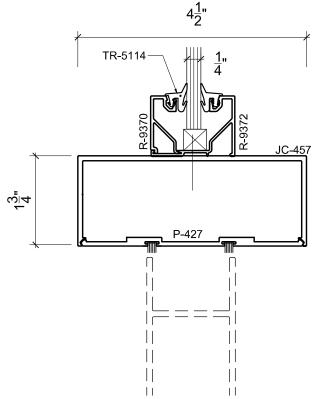


SECTION 12

RELIABLE ARCHITECTURAL METALS COMPANY

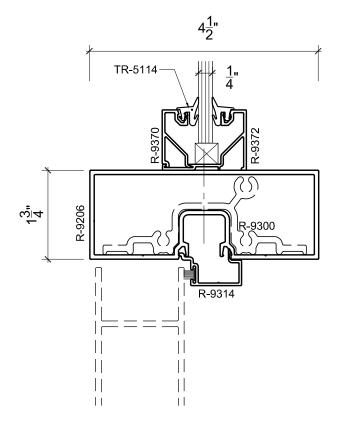
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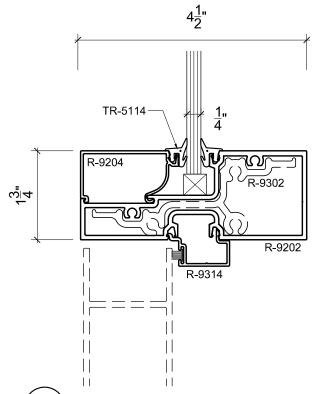




9000 SERIES

DETAILS 1/2 SCALE

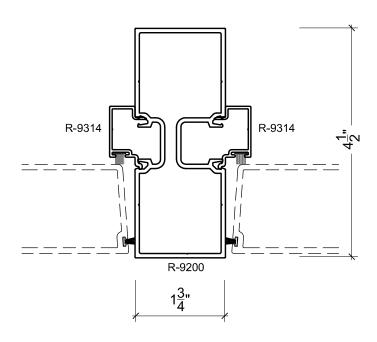


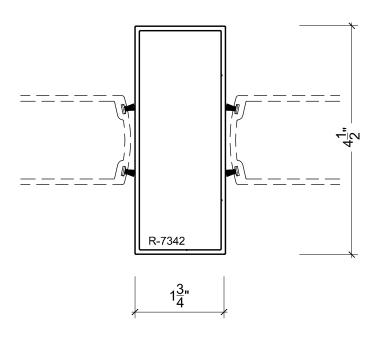


SECTION (13)



DETAILS
1/2 SCALE

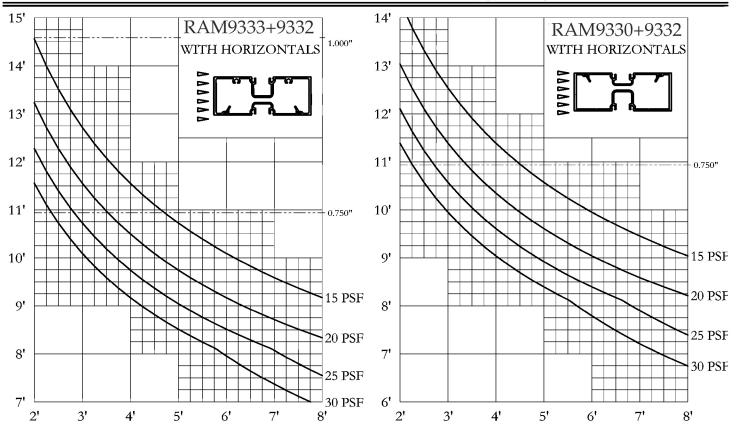








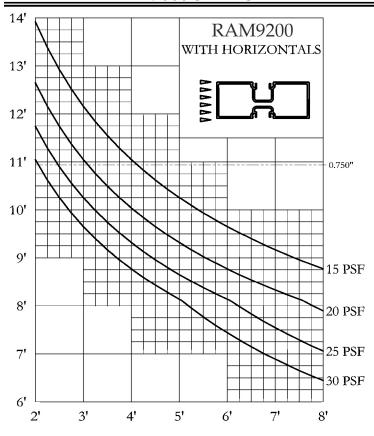
WINDLOAD CHARTS 1 3/4" x 4 1/2" FLUSH GLAZED RAM-9000 SERIES

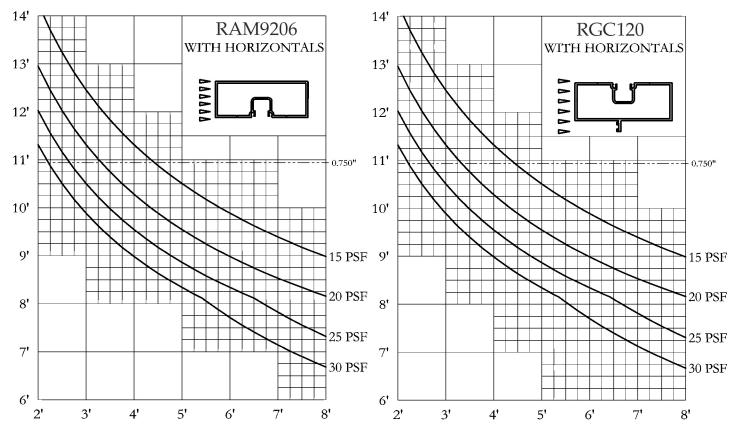


^{#1} THESE WINDLOAD CHARTS ARE BASED UPON THE LESSER OF DEFLECTION RATIO (L/175) OR STRESS (12667)

WINDLOAD CHARTS 1 3/4" x 4 1/2" FLUSH GLAZED RAM-9000 SERIES







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