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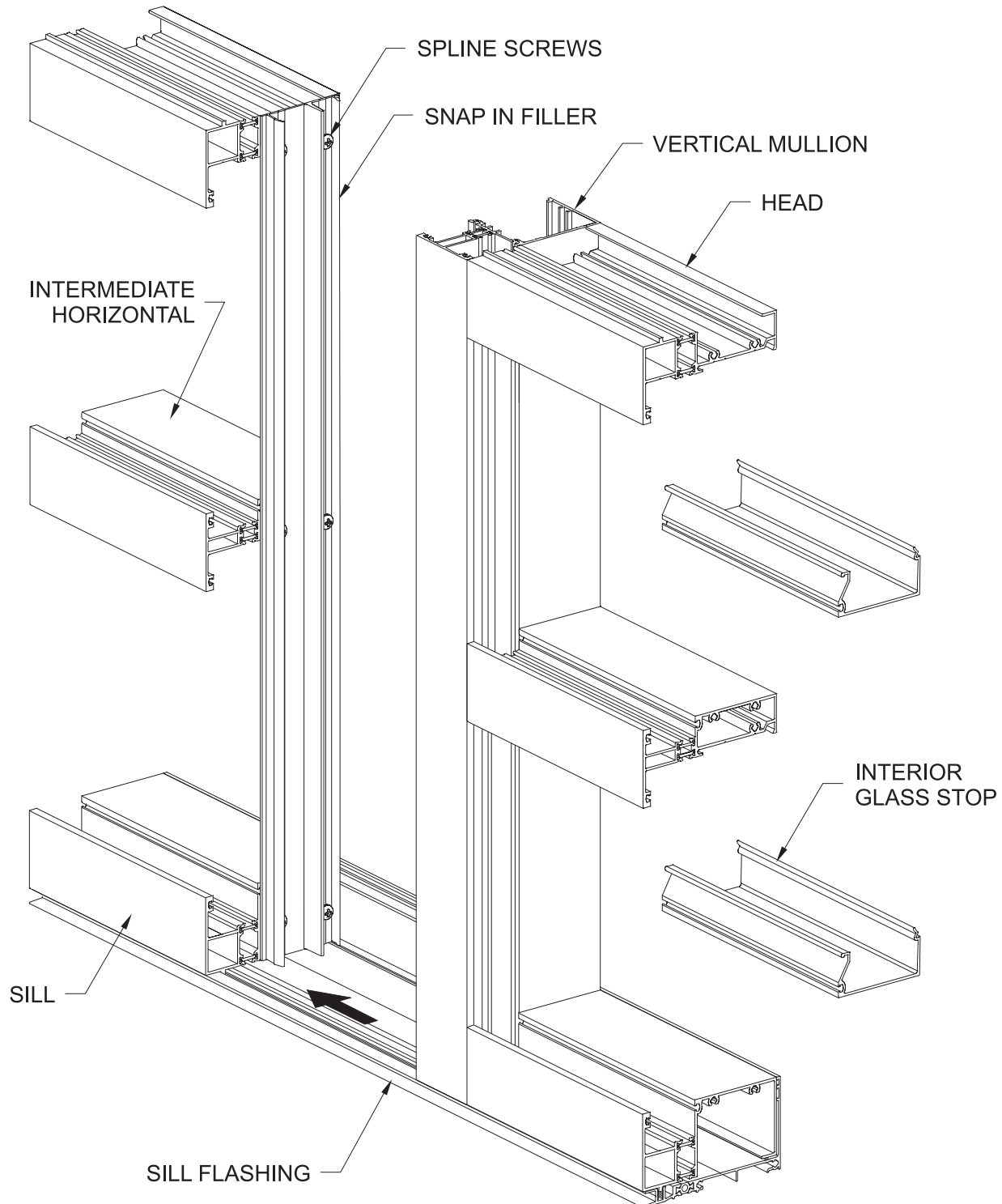
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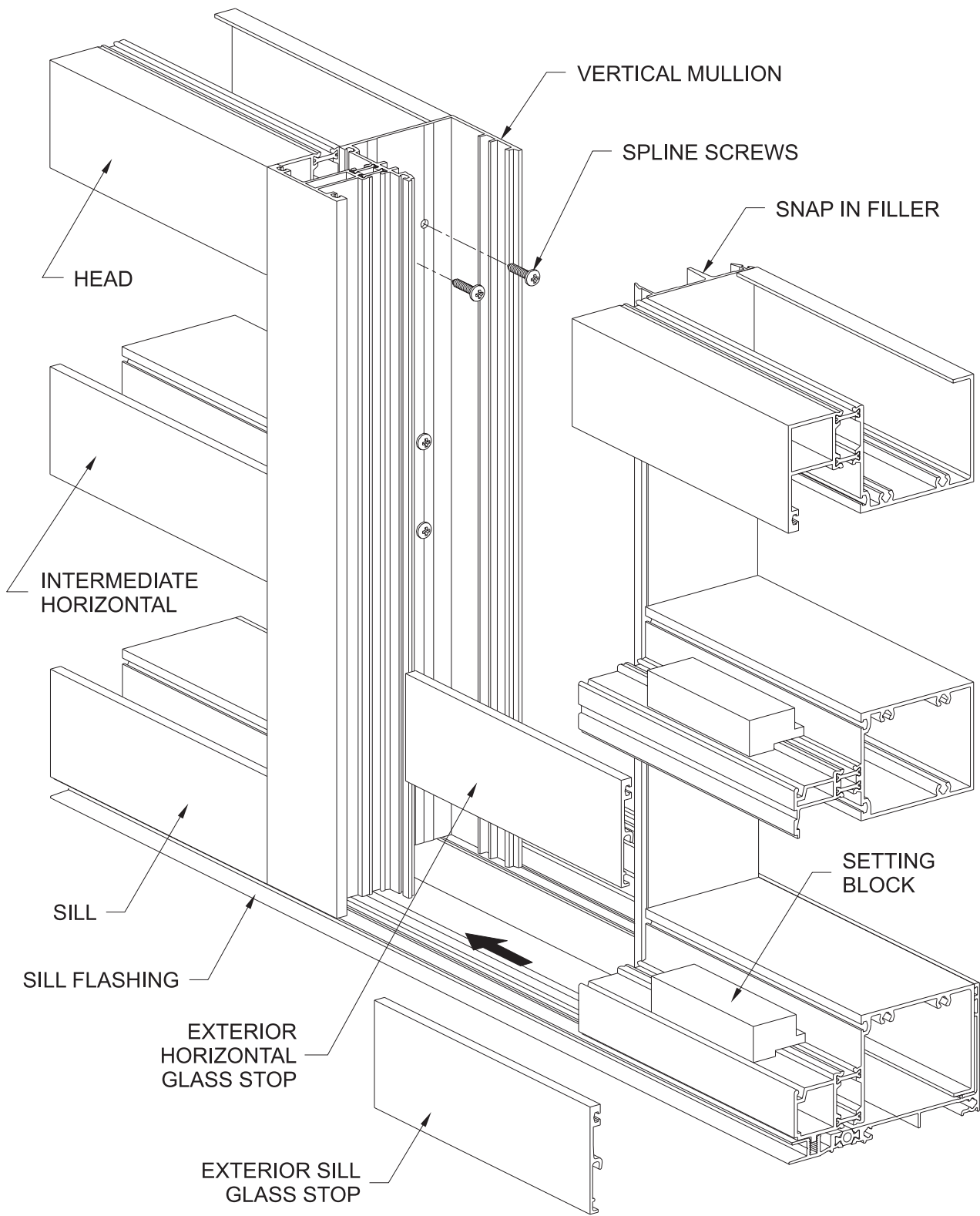
*The latest installation instructions for this product are available at www.ykkap.com.

INTERIOR GLAZING SYSTEM

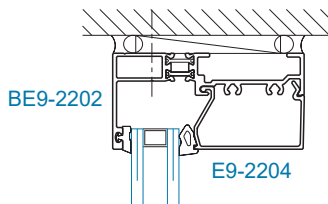
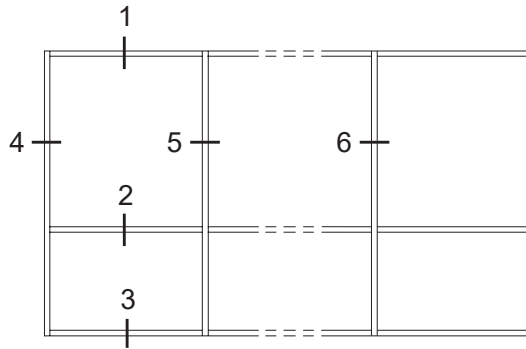


YWW 45 T Shown, YWW 40 T Similar

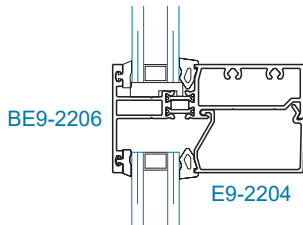
EXTERIOR GLAZING SYSTEM



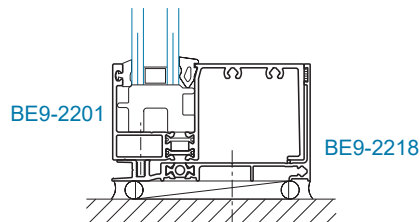
YWW 40 T FRAMING MEMBERS FOR INTERIOR GLAZING



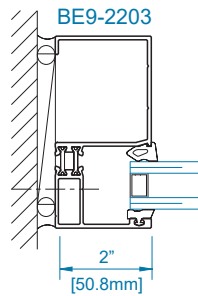
SECTION 1
HEAD



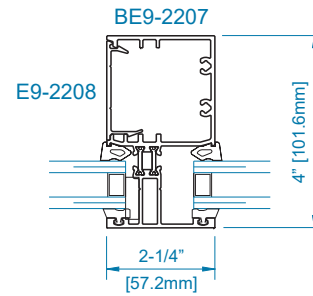
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HORIZONTAL



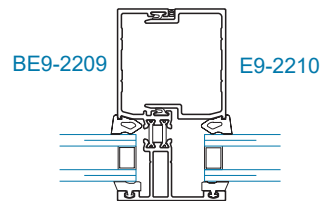
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SILL



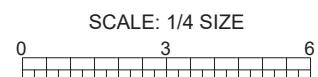
SECTION 4
JAMB



SECTION 5
VERTICAL



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EXPANSION MULLION

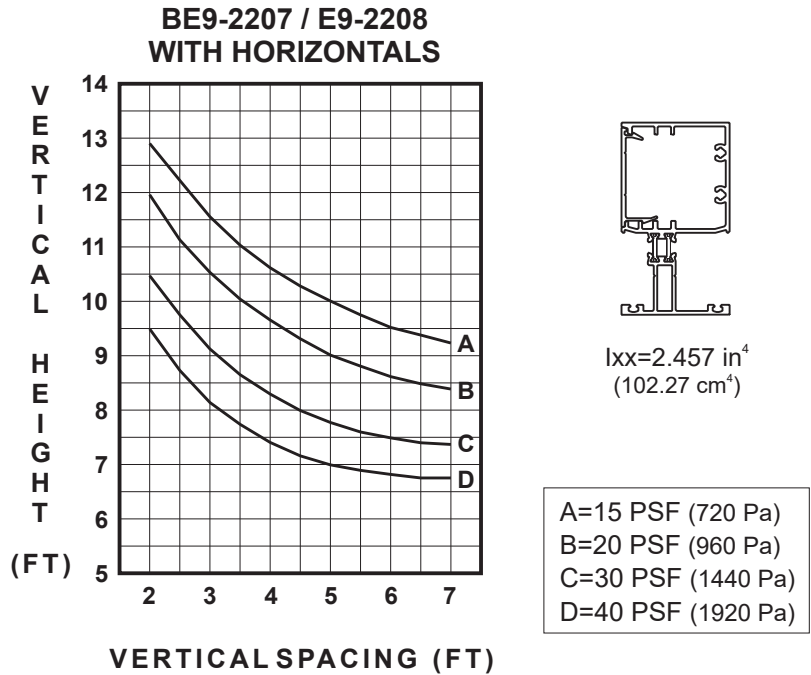


WIND LOAD CHARTS

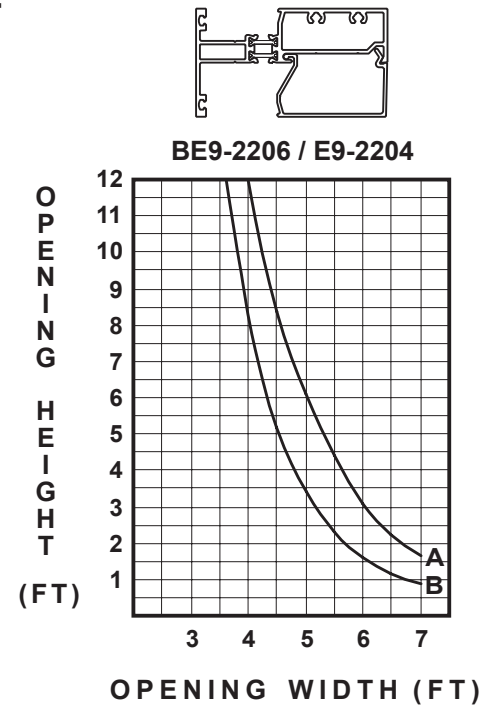
DEFLECTION CRITERIA: AAMA TIR-A11 - L/175 or
L/240 + 1/4" (6.4mm) - FOR SPANS GREATER THAN 13'-6" (4.1m) BUT LESS THAN 40'-0" (12.2m)
CODES AND SPECIFICATIONS MAY VARY, NO SINGLE LITE OF GLASS SHALL DEFLECT MORE THAN 3/4" (19.1mm)

ALLOWABLE WIND LOAD STRESS
YKK AP tested standard. Contact YKK AP for more information.

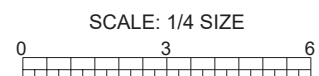
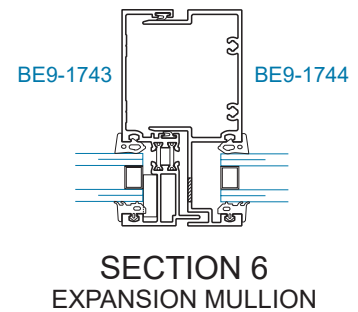
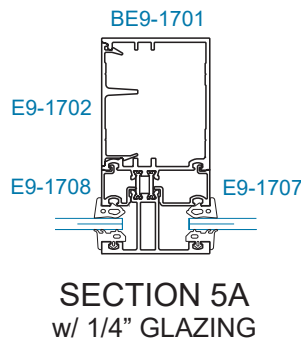
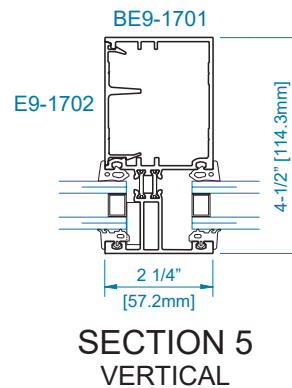
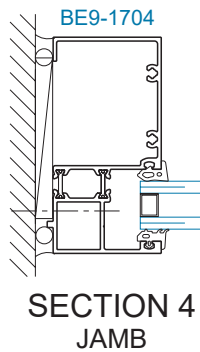
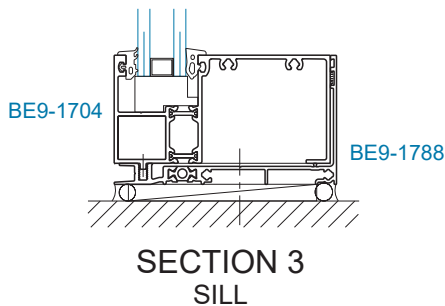
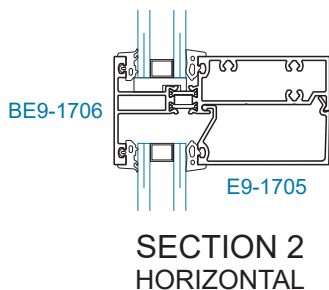
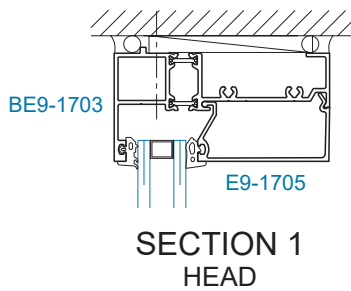
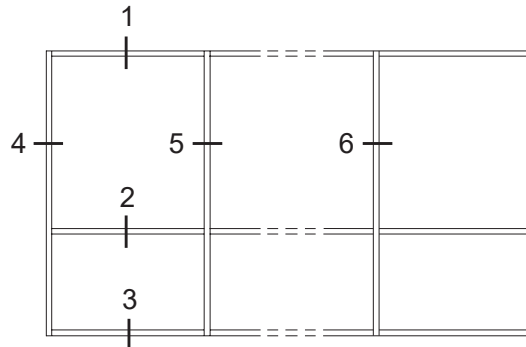
These charts include unbraced length analysis and are based off at least one horizontal being placed at the midpoint of the span. For other applications, please contact YKK AP engineers at 1-866-955-2732.



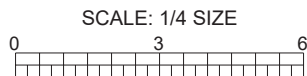
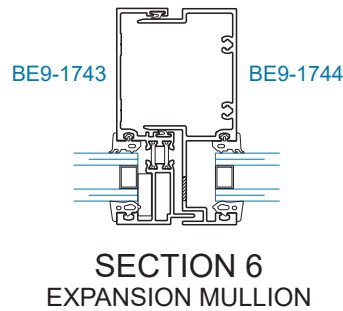
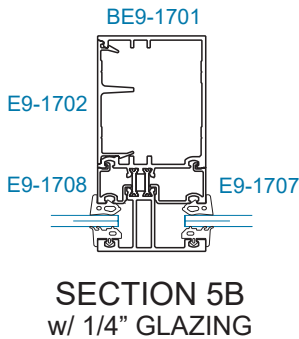
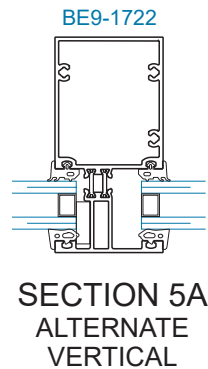
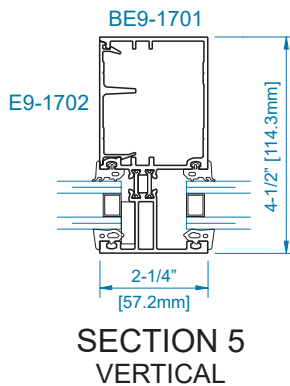
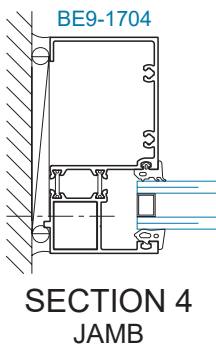
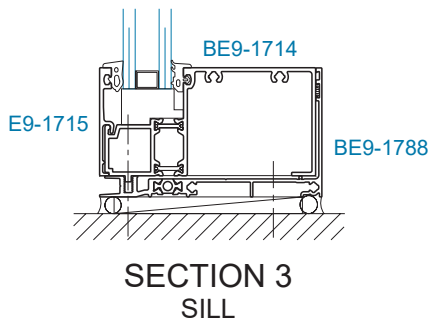
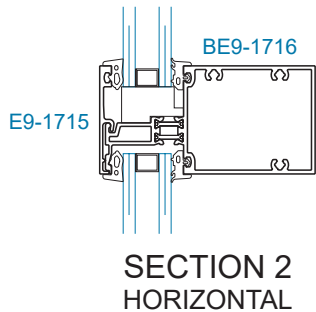
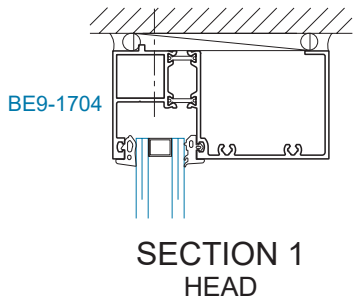
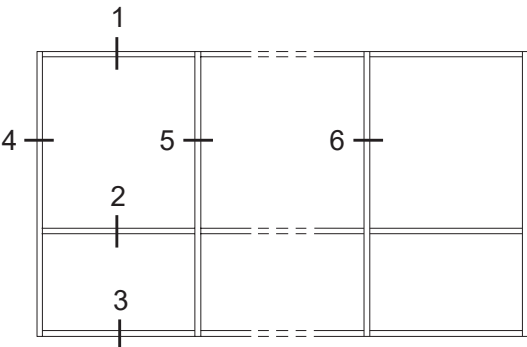
DEAD LOAD CHART



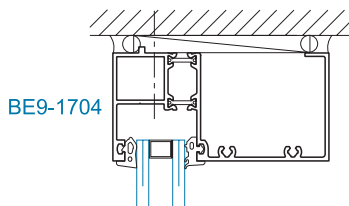
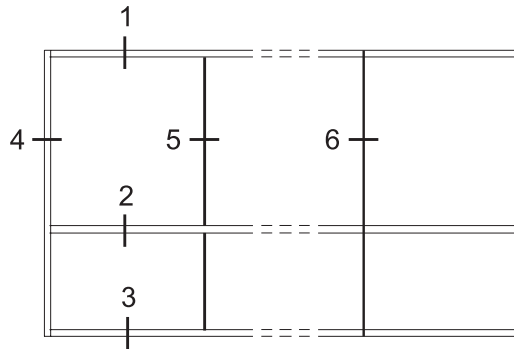
YWW 45 T FRAMING MEMBERS FOR INTERIOR GLAZING



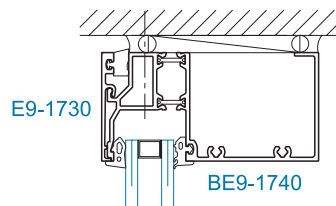
YWW 45 T FRAMING MEMBERS FOR EXTERIOR GLAZING



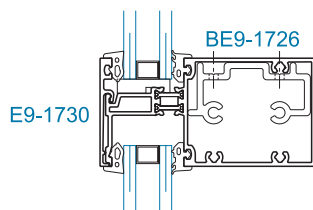
YWW 45 T SSG FRAMING MEMBERS



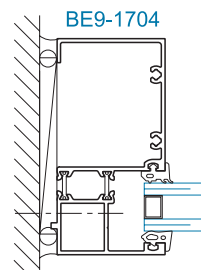
SECTION 1
HEAD



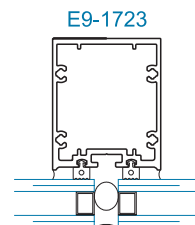
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ALTERNATE HEAD
(For runs longer than 24'-0")



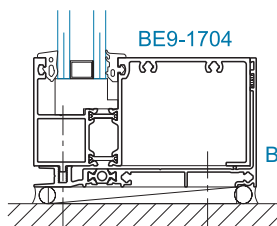
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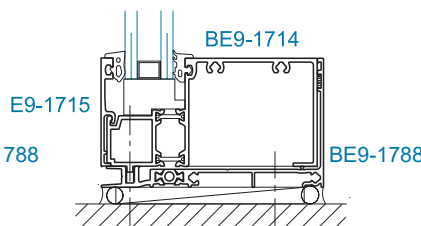
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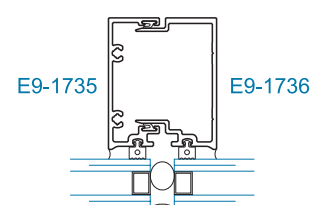
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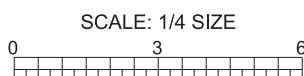
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SILL



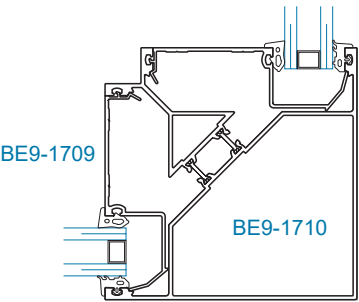
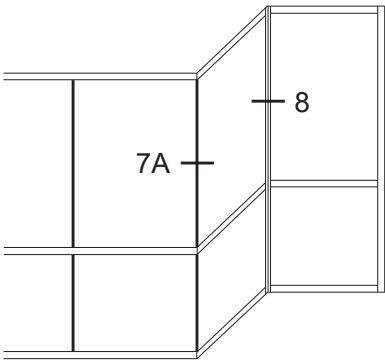
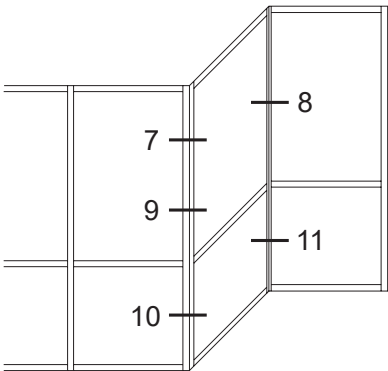
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ALTERNATE SILL
(For runs longer than 24'-0")



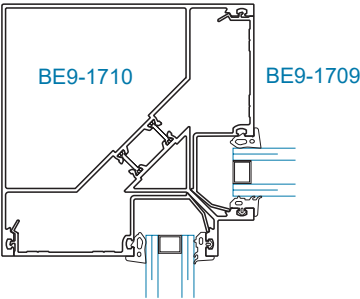
SECTION 6
EXPANSION MULLION



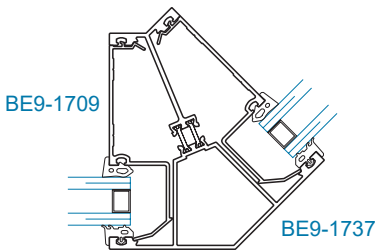
YWW 45 T CORNER FRAMING MEMBERS



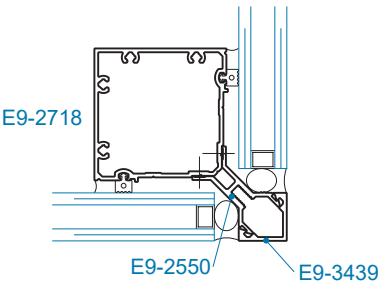
SECTION 7
90° OUTSIDE CORNER



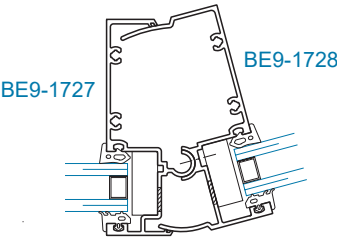
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90° INSIDE CORNER



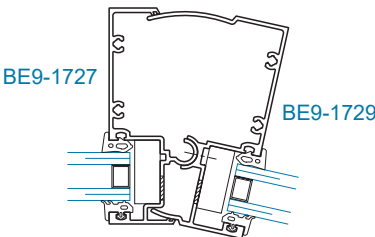
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135° OUTSIDE CORNER



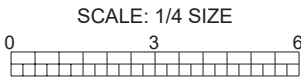
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90° OUTSIDE SSG CORNER



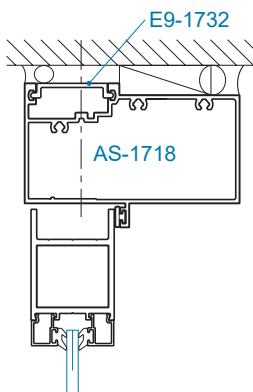
SECTION 10
3°-20° OUTSIDE
HINGED MULLION



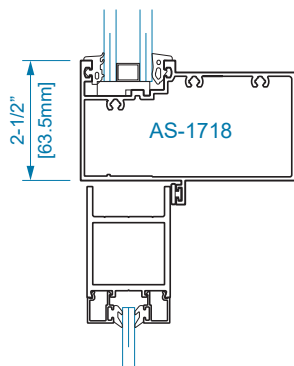
SECTION 11
0°-15° INSIDE
HINGED MULLION



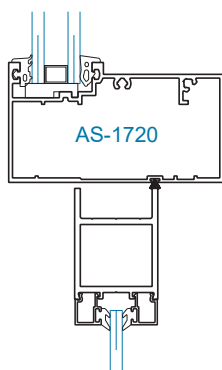
YWW 45 T DOOR FRAMING MEMBERS



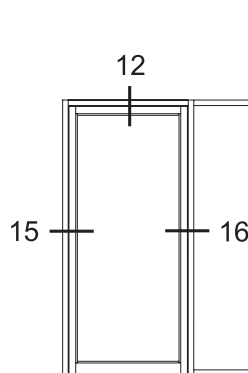
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DOOR HEAD



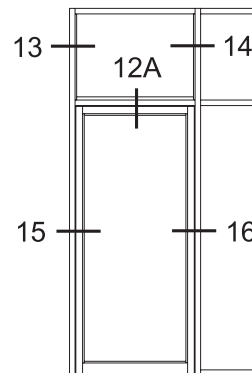
SECTION 12A
SINGLE ACTING
TRANSOM BAR



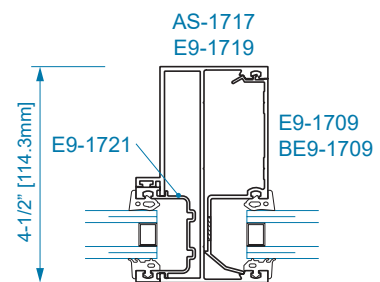
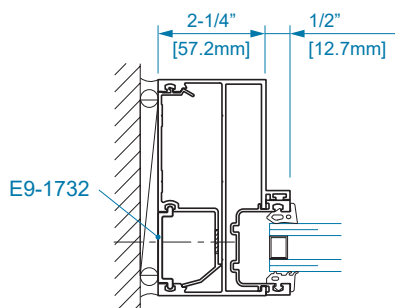
SECTION 12A
DOUBLE ACTING
TRANSOM BAR



SECTION 13
JAMB @ TRANSOM
w/o SIDELITE

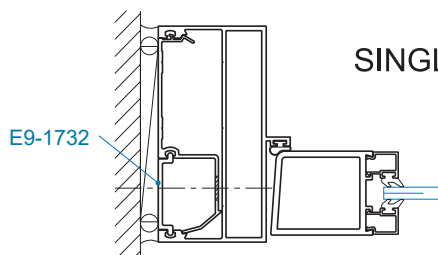


SECTION 14
JAMB @ TRANSOM
w/ SIDELITE

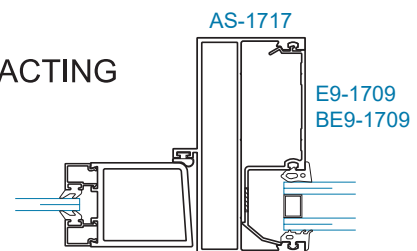


SECTION 13
JAMB @ TRANSOM
w/o SIDELITE

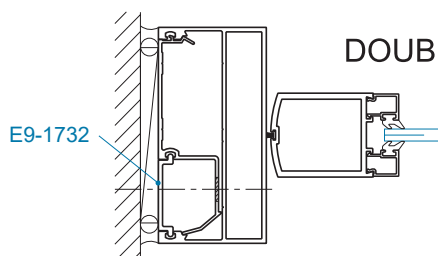
SECTION 14
JAMB @ TRANSOM
w/ SIDELITE



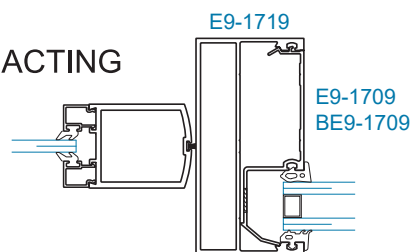
SECTION 15
DOOR JAMB
w/o SIDELITE



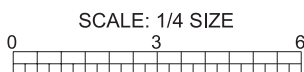
SECTION 16
DOOR JAMB
w/ SIDELITE



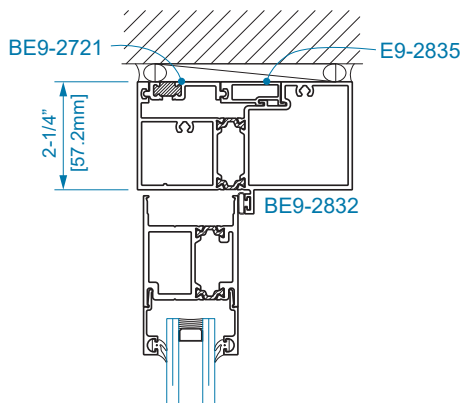
SECTION 15
DOOR JAMB
w/o SIDELITE



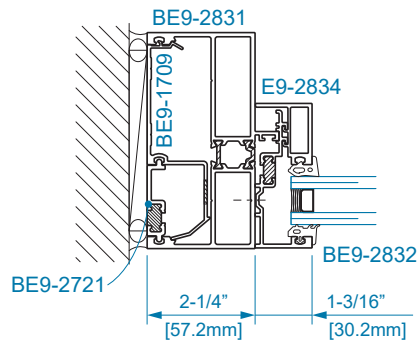
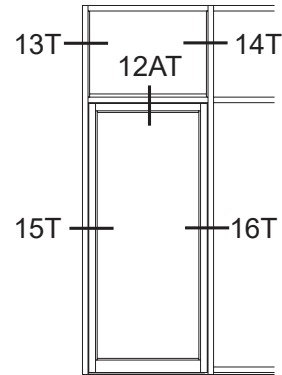
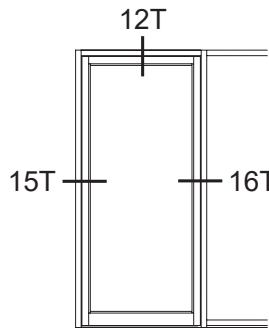
SECTION 16
DOOR JAMB
w/ SIDELITE



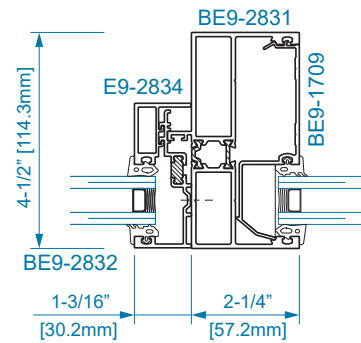
YWW 45 T THERMAL DOOR FRAMING MEMBERS



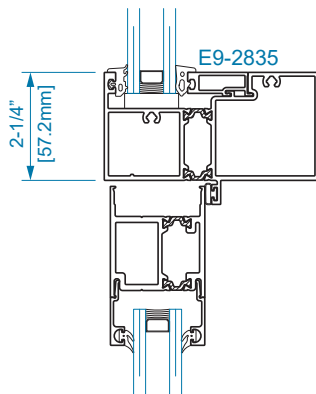
SECTION 12T
DOOR HEAD



SECTION 13T
JAMB @ TRANSOM
w/o SIDELITE

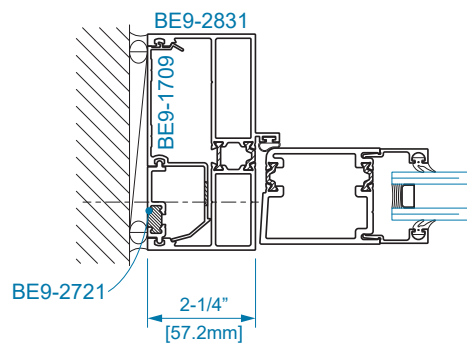


SECTION 14T
JAMB @ TRANSOM
w/ SIDELITE

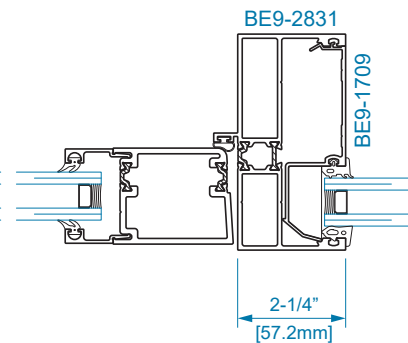


SECTION 12AT
SINGLE ACTING
TRANSOM BAR

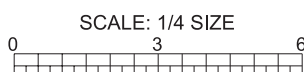
SINGLE ACTING



SECTION 15T
DOOR JAMB
w/o SIDELITE



SECTION 16T
DOOR JAMB
w/ SIDELITE



YWW 45 T WIND LOAD CHARTS

DEFLECTION CRITERIA: AAMA TIR-A11 - L/175 or

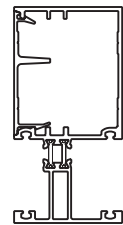
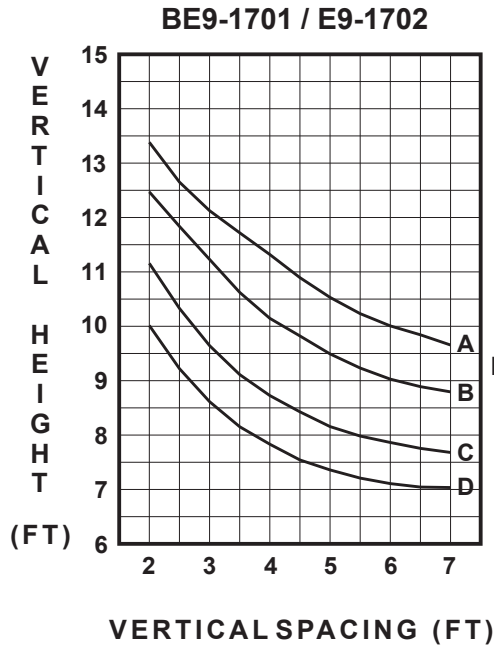
L/240 + 1/4" (6.4mm) - FOR SPANS GREATER THAN 13'-6" (4.1m) BUT LESS THAN 40'-0" (12.2m)

CODES AND SPECIFICATIONS MAY VARY, NO SINGLE LITE OF GLASS SHALL DEFLECT MORE THAN 3/4" (19.1mm)

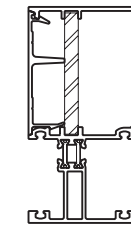
ALLOWABLE WIND LOAD STRESS

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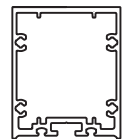
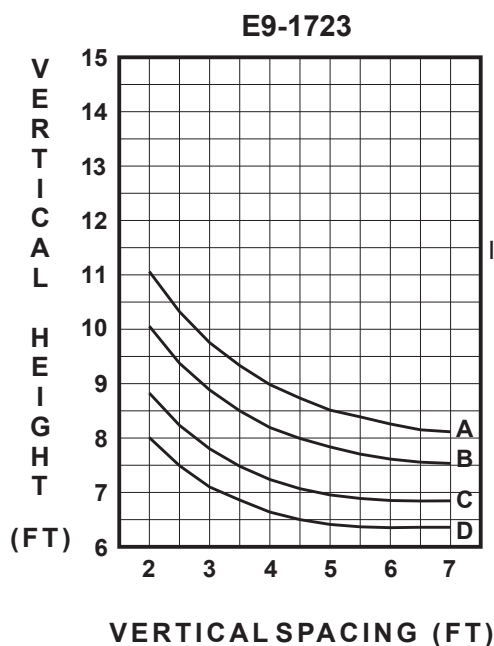
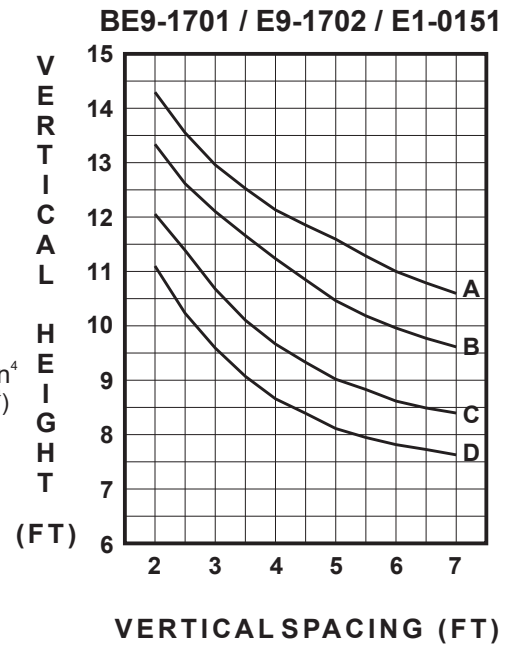


$I_{xx}=3.345 \text{ in}^4$
(139.23 cm^4)

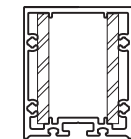


$I_{xx}=4.290 \text{ in}^4$
(178.58 cm^4)

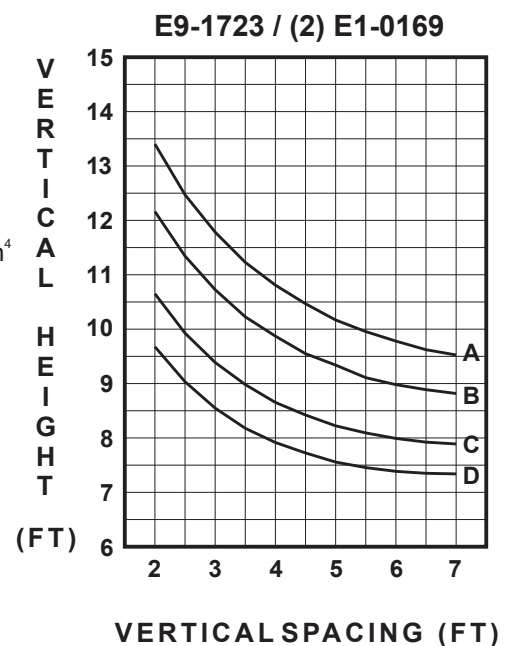
A=15 PSF (720 Pa)
B=20 PSF (960 Pa)
C=30 PSF (1440 Pa)
D=40 PSF (1920 Pa)



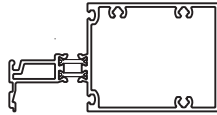
$I_{xx}=1.315 \text{ in}^4$
(54.73 cm^4)



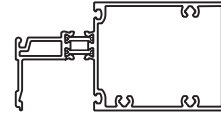
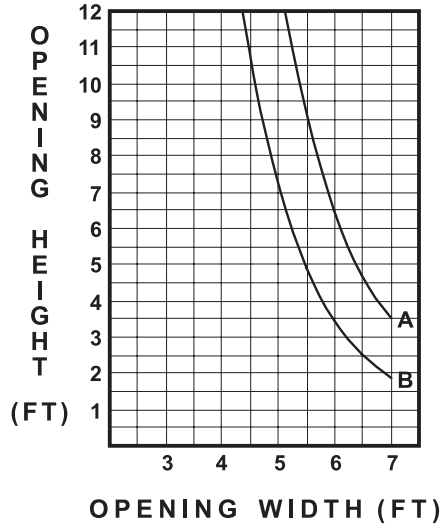
$I_{xx}=2.374 \text{ in}^4$
(97.71 cm^4)



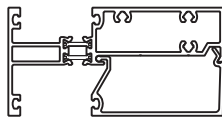
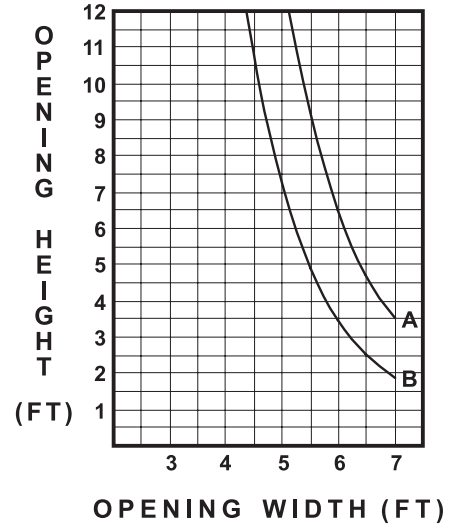
YWW 45 T DEAD LOAD CHARTS



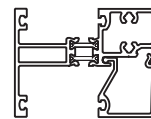
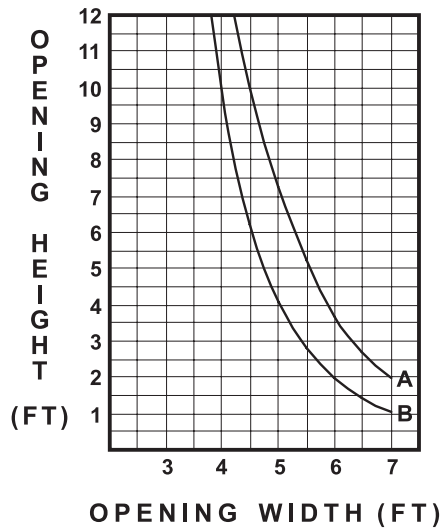
BE9-1716



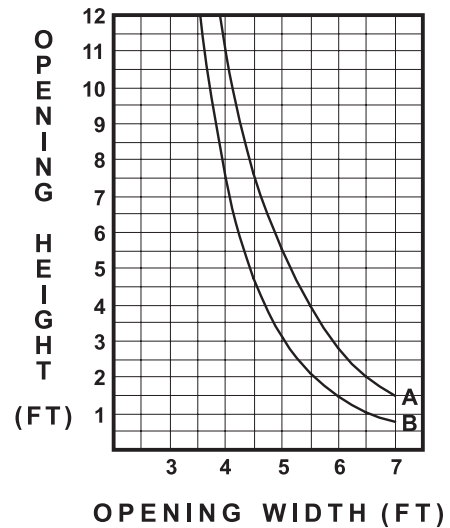
BE9-1726



BE9-1706 / E9-1705



BE9-1733 / E9-1734



A = SETTING BLOCKS AT 1/8 POINT LOCATIONS
 B = SETTING BLOCKS AT 1/4 POINT LOCATIONS

Note: Dead Load requirements are based upon a maximum deflection of 1/8" (3.2mm) at the center of the horizontal.