

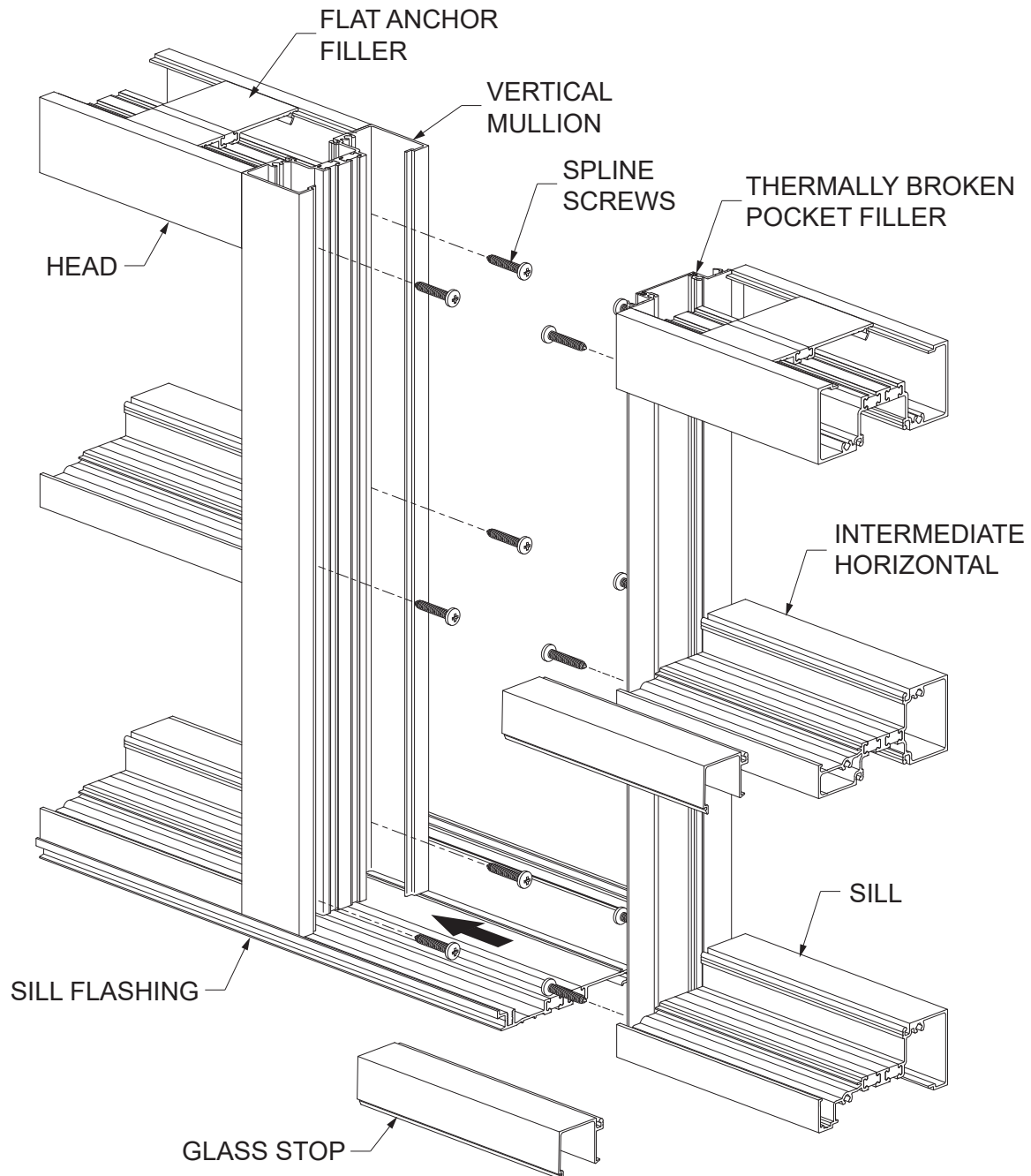
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**YES 45 XT THERMAL STOREFRONT SYSTEM FOR 1" GLAZING
2" x 4-1/2"**

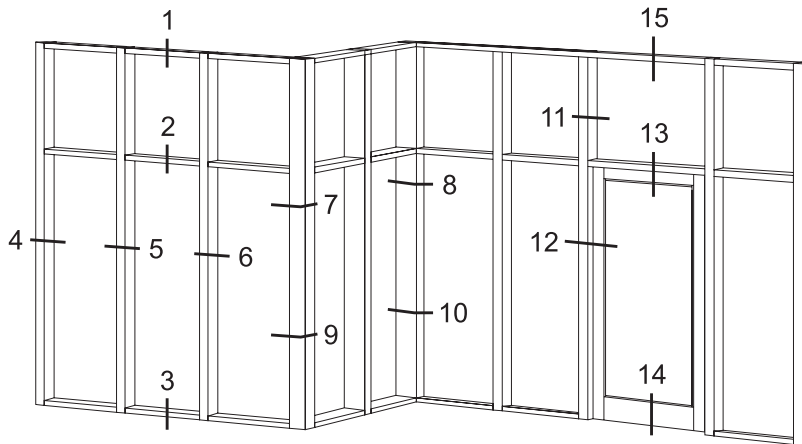
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*The latest installation instructions for this product are available at www.ykkap.com.

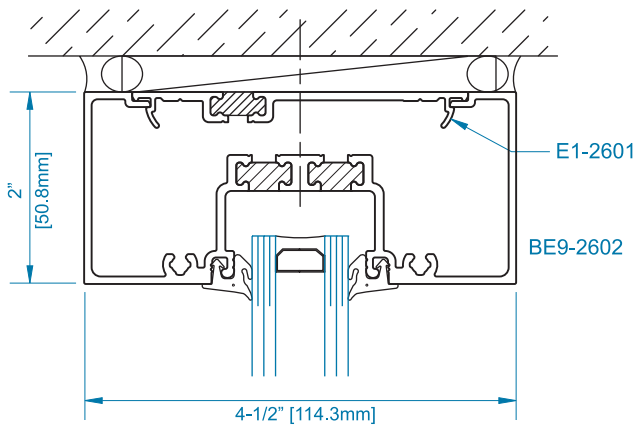
SCREW SPLINE ASSEMBLY



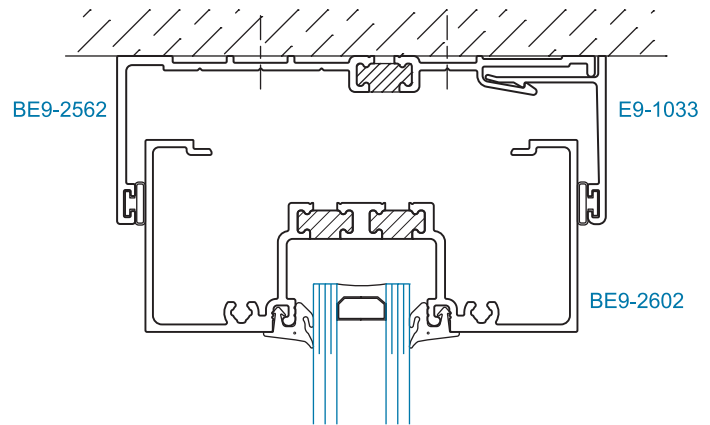
HORIZONTAL MEMBERS FOR OUTSIDE GLAZING



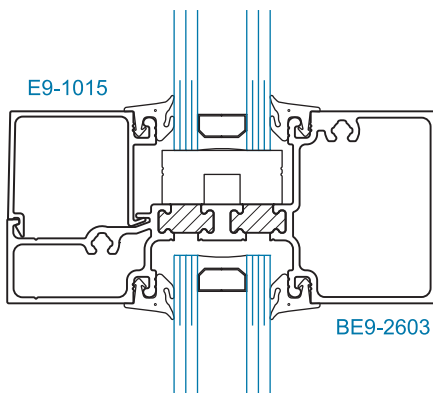
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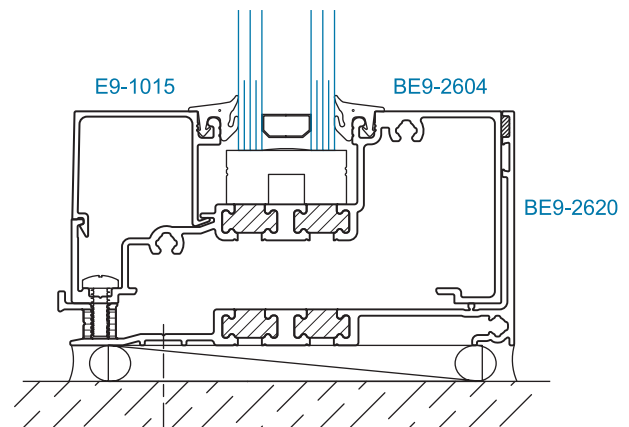
SECTION 1
HEAD



SECTION 1A
HEAD RECEPTOR

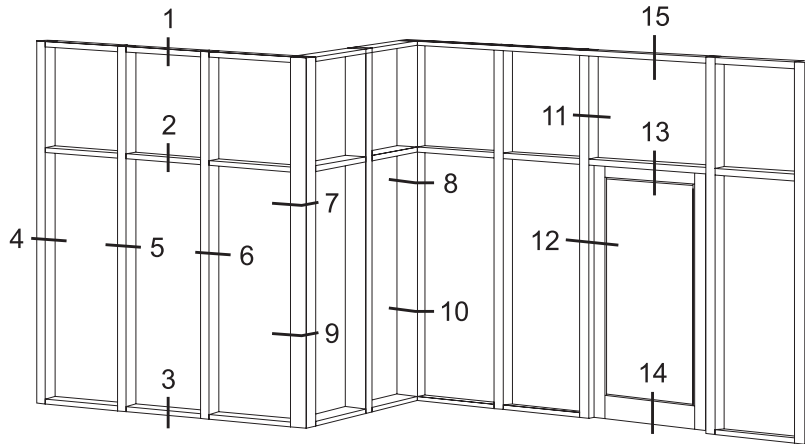


SECTION 2
HORIZONTAL

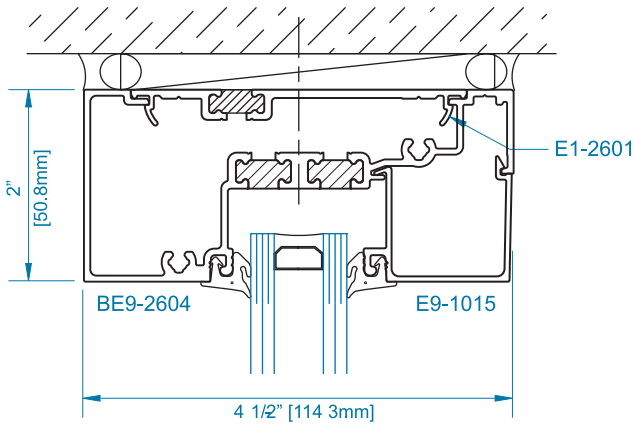


SECTION 3
SILL

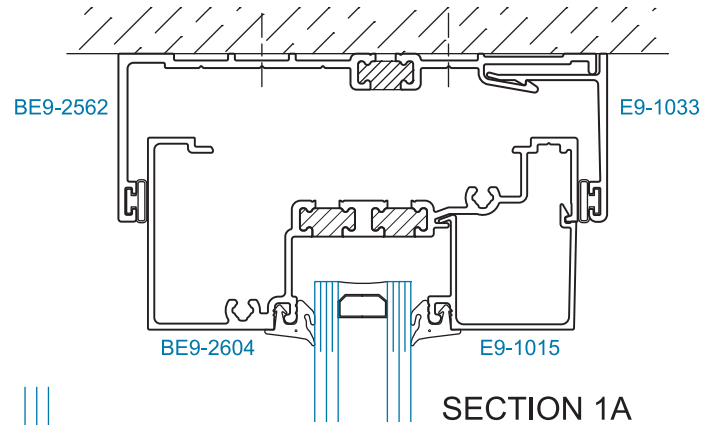
HORIZONTAL MEMBERS FOR INSIDE GLAZING



SCALE: 1/2 SIZE
0 1 2

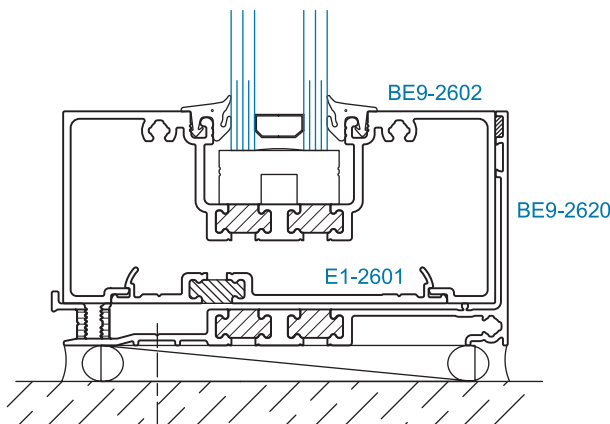
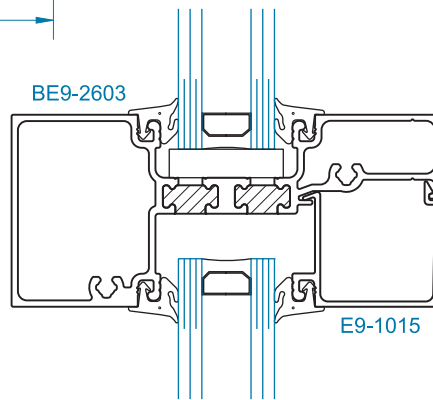


**SECTION 1
HEAD**



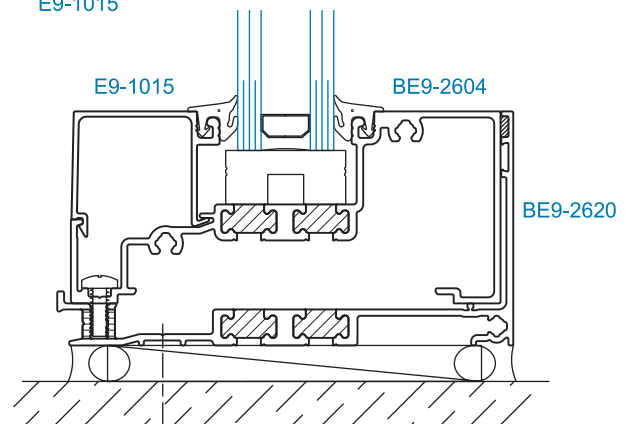
**SECTION 1A
HEAD RECEPTOR**

**SECTION 2
HORIZONTAL**



**SECTION 3
SILL**

For End Reactions < 500 LBS

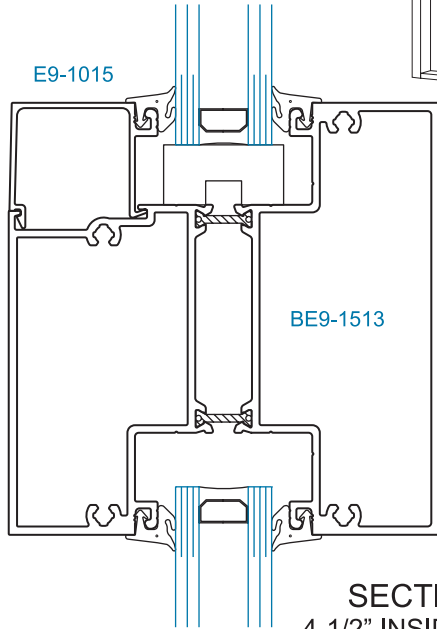
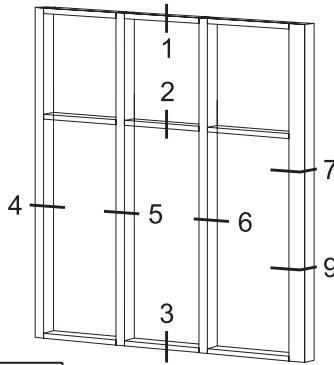


**SECTION 3A
SILL**

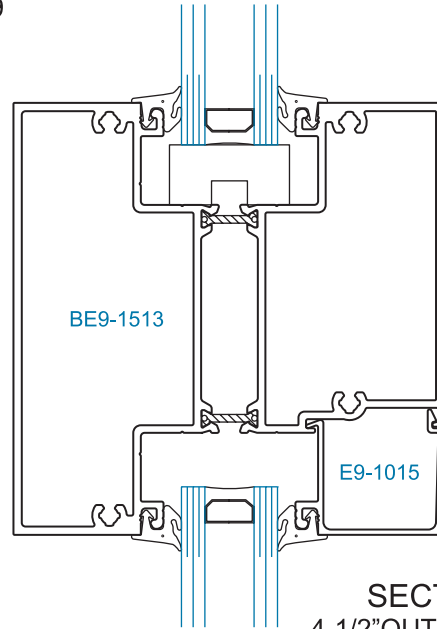
For End Reactions > 500 LBS

OPTIONAL HORIZONTAL MEMBERS

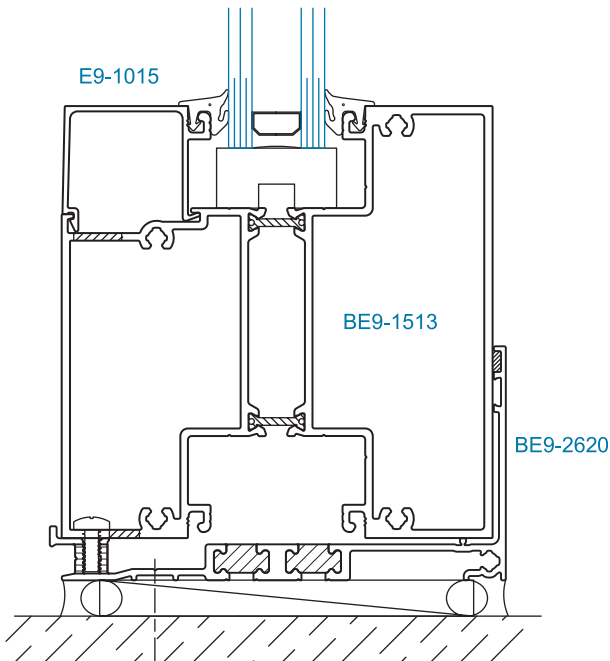
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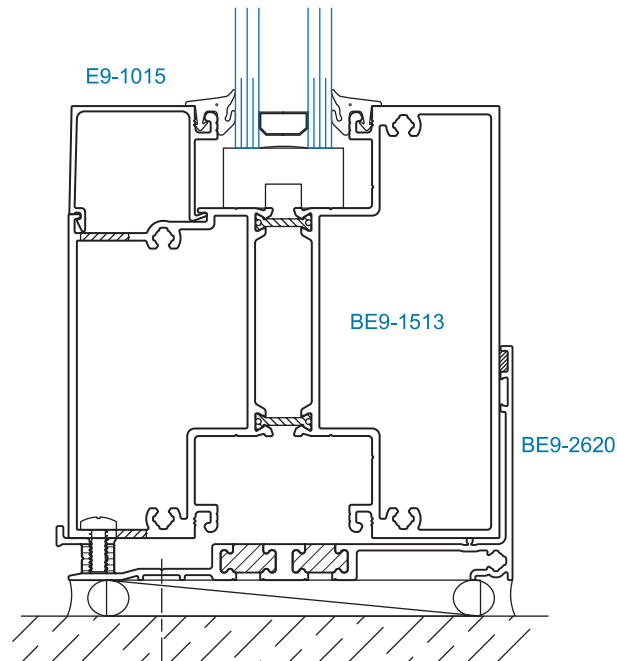
SECTION 2A
4-1/2" INSIDE GLAZED
HORIZONTAL



SECTION 2A
4-1/2" OUTSIDE GLAZED
HORIZONTAL

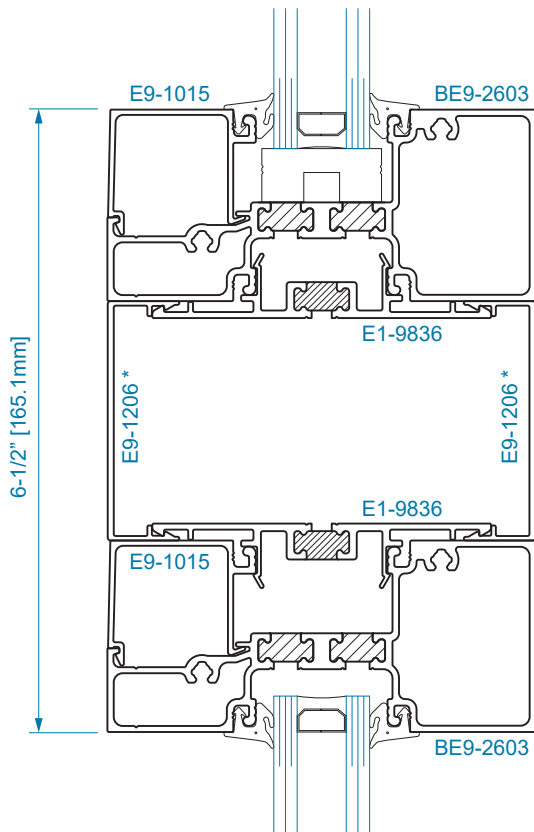
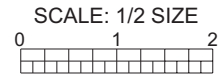
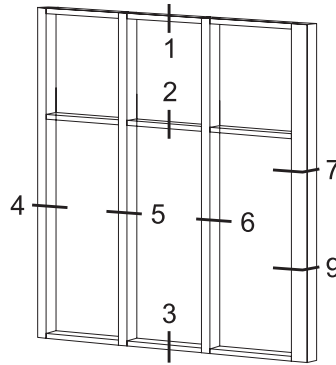


SECTION 3A
4-1/2" SILL

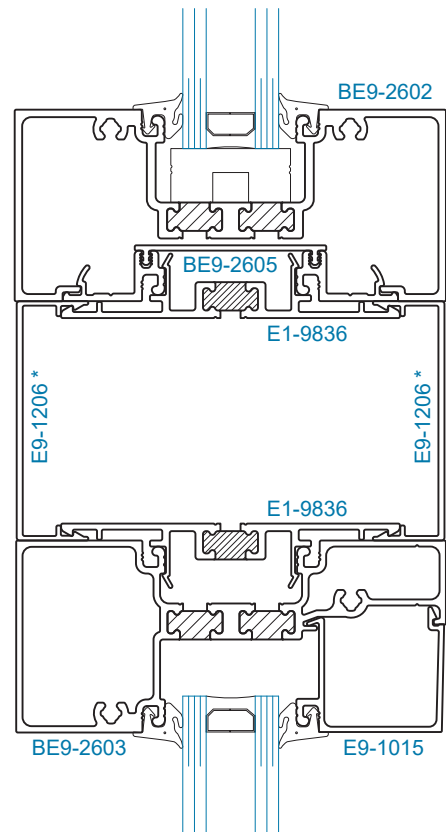


SECTION 3A
4-1/2" SILL

OPTIONAL HORIZONTAL MEMBERS



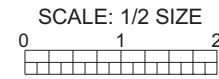
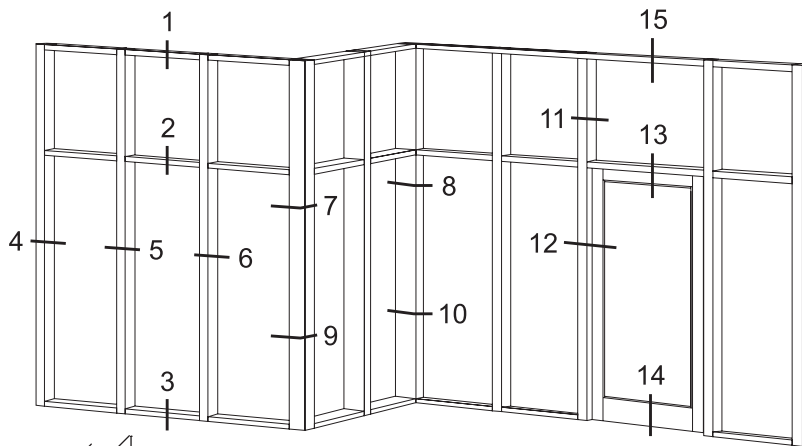
SECTION 2B
OUTSIDE GLAZED
COMPOUND HORIZONTAL



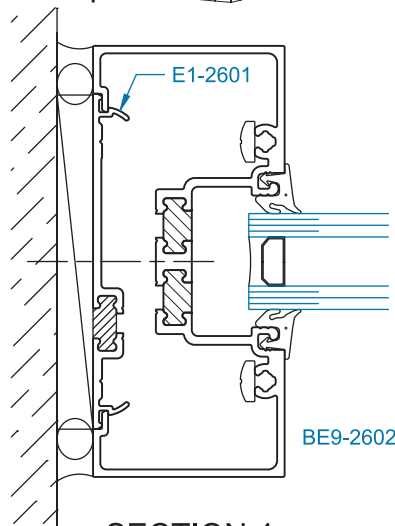
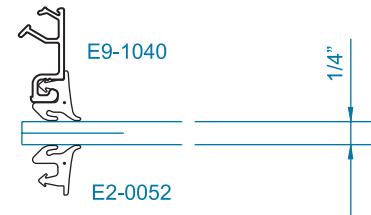
SECTION 2B
INSIDE GLAZED
COMPOUND HORIZONTAL

* Other face cover options available. Contact YKK AP for more information.

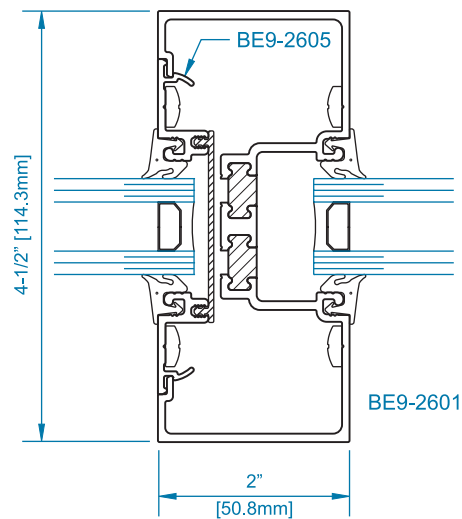
VERTICAL MEMBERS



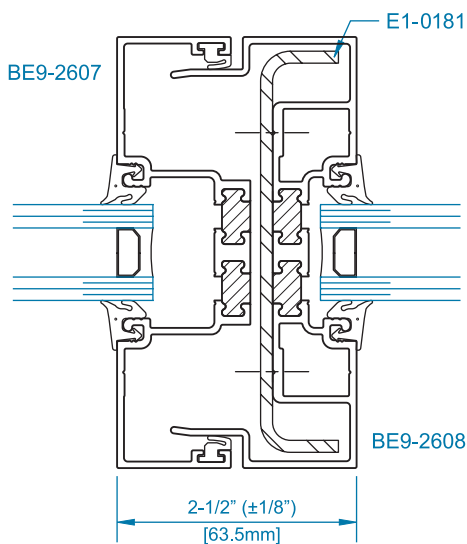
GLAZING OPTION



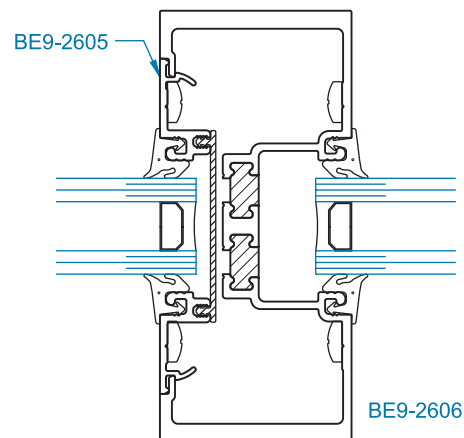
SECTION 4
JAMB



SECTION 5
VERTICAL

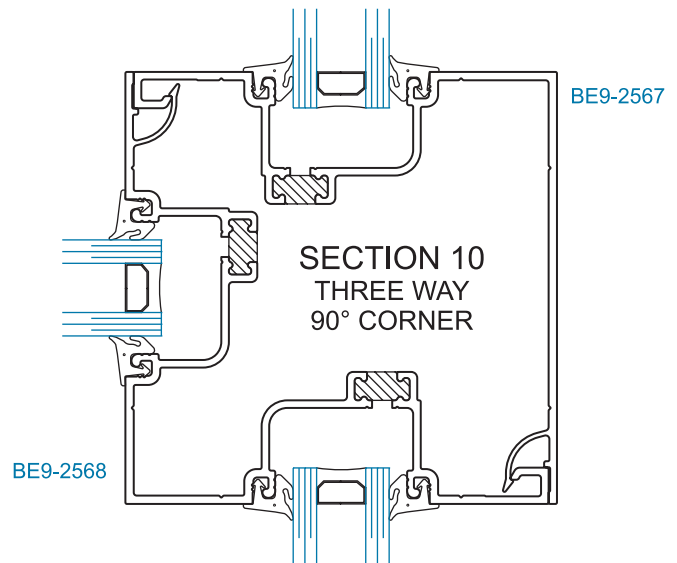
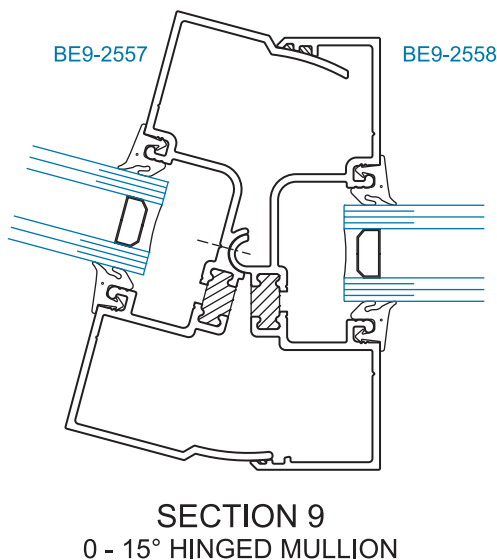
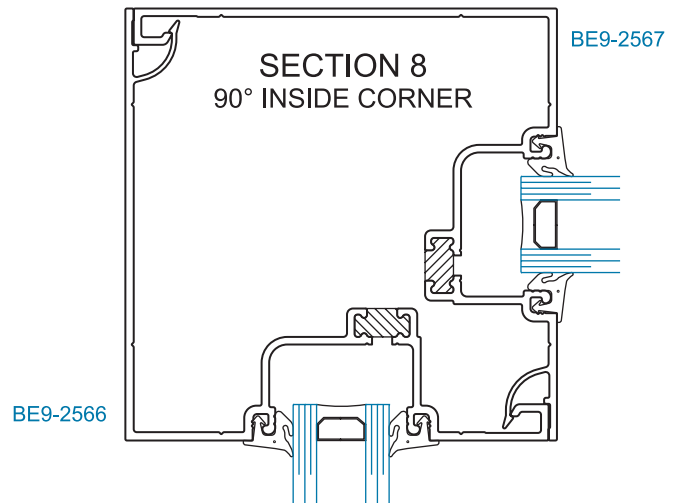
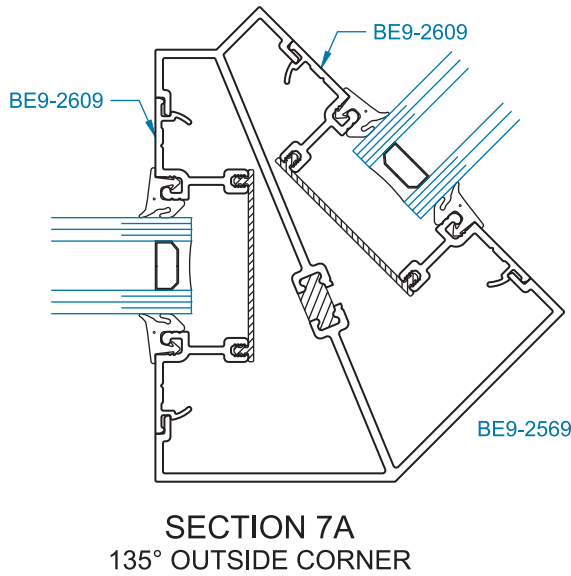
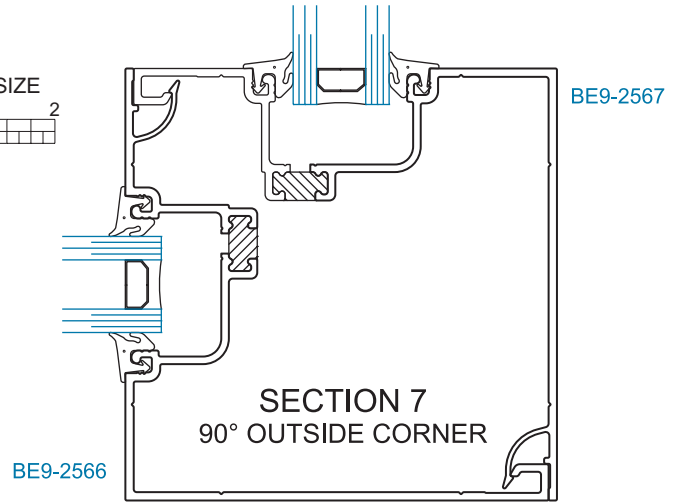
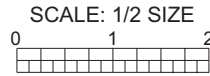
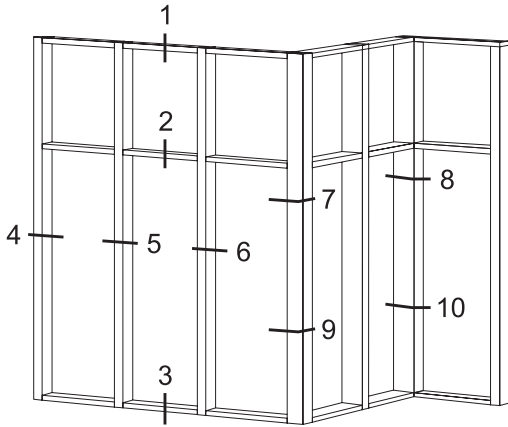


SECTION 6
EXPANSION MULLION
w/ OPTIONAL STEEL REINFORCING

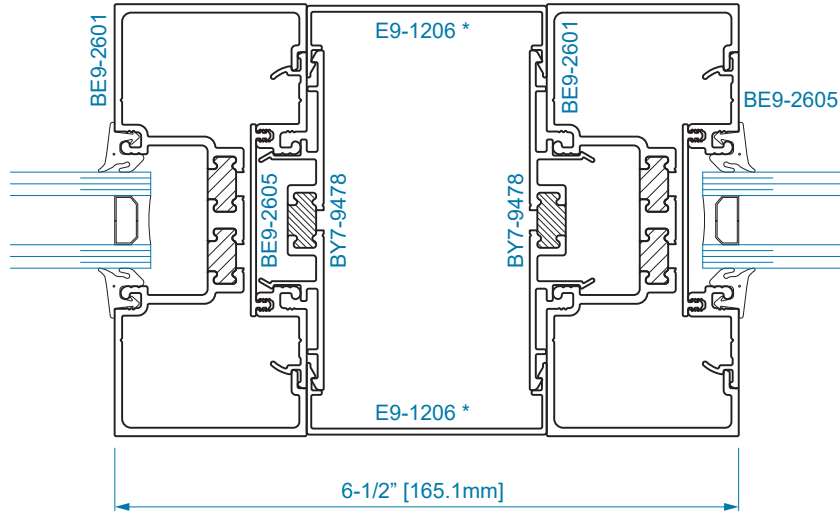
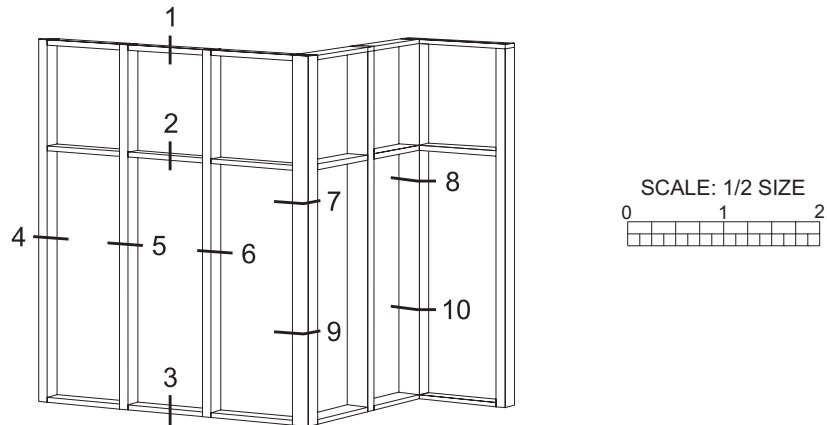


SECTION 5A
HEAVY DUTY VERTICAL

OPTIONAL VERTICAL AND CORNER MEMBERS



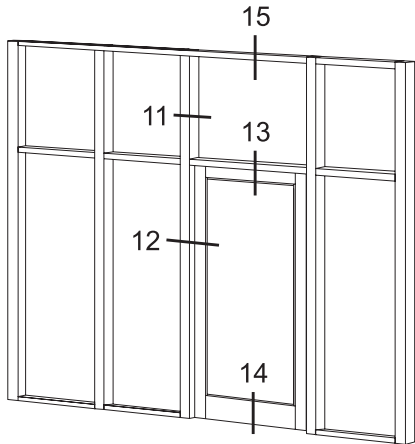
OPTIONAL VERTICAL AND CORNER MEMBERS



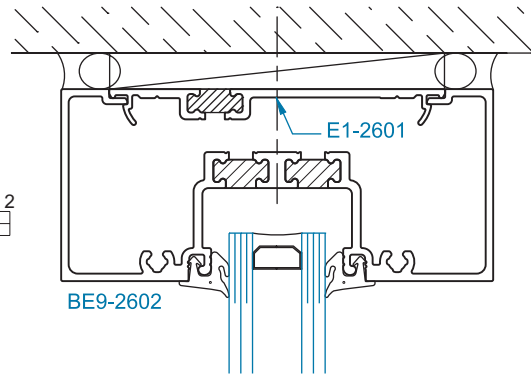
SECTION 5B
COMPOUND MULLION

* Other face cover options available. Contact YKK AP for more information.

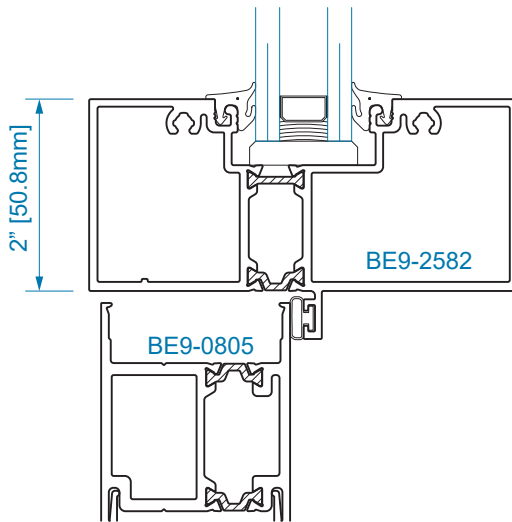
T DOOR FRAMING MEMBERS



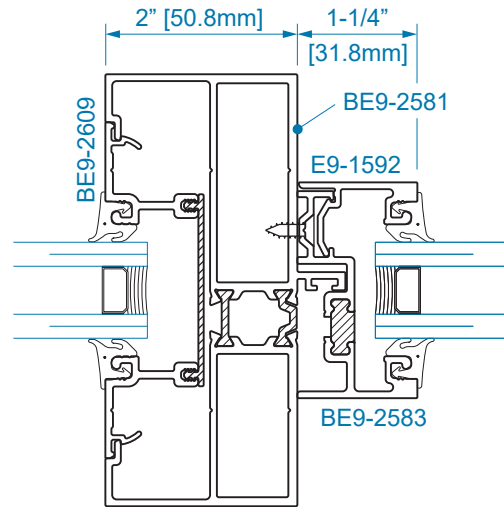
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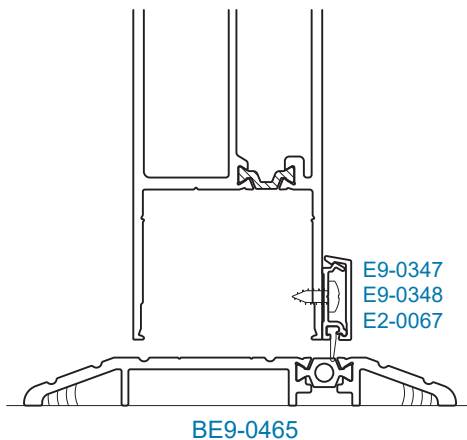
**SECTION 15
TRANSOM HEADER**



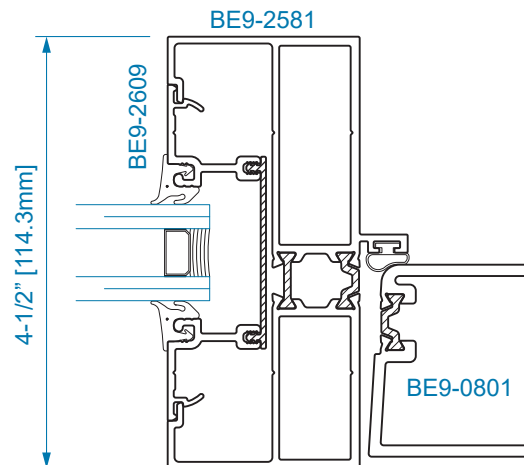
**SECTION 13
TRANSOM BAR**



**SECTION 11
DOOR JAMB @ TRANSOM**

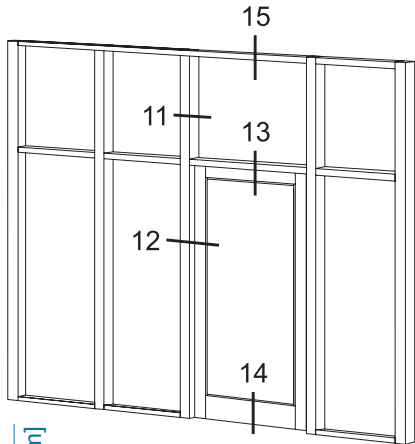


**SECTION 14
DOOR SILL**

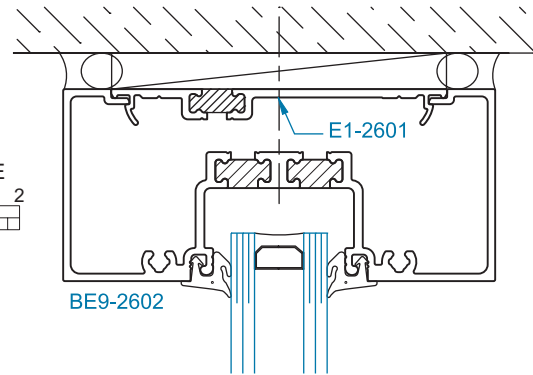


**SECTION 12
DOOR JAMB**

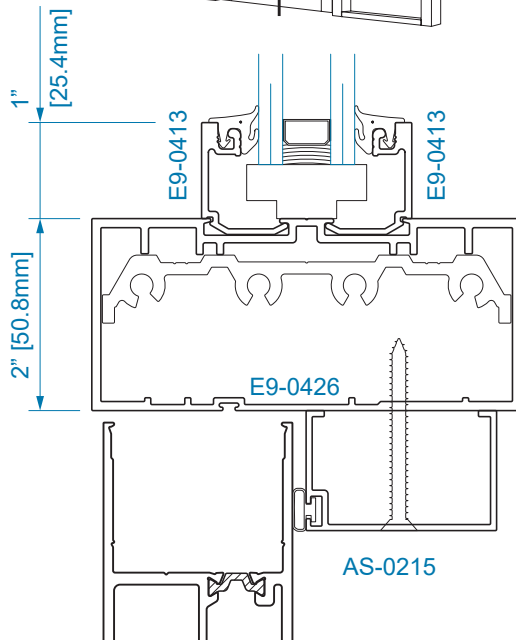
T DOOR FRAMING MEMBERS (OHCC)



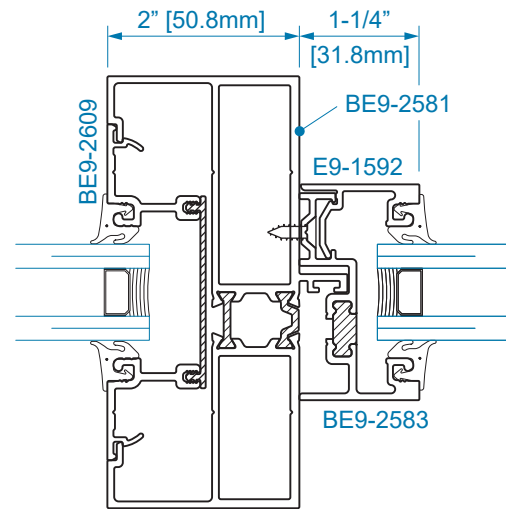
SCALE: 1/2 SIZE



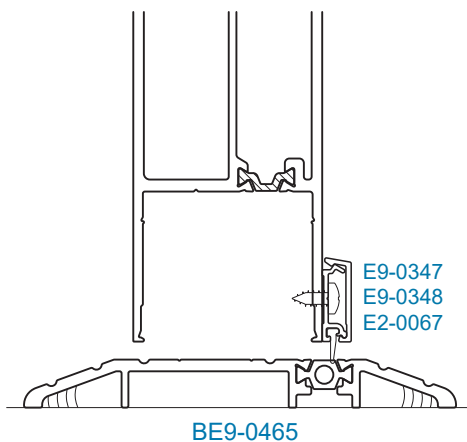
SECTION 15
TRANSOM HEADER



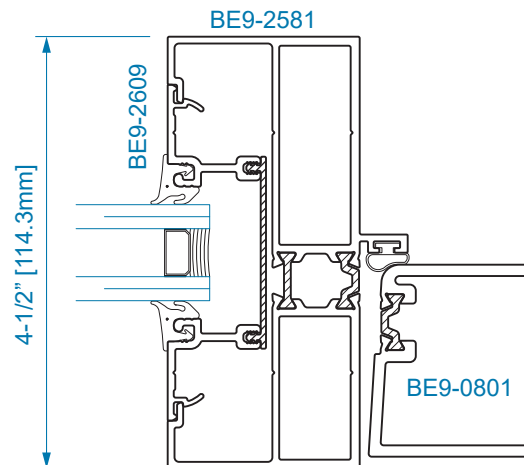
SECTION 13
TRANSOM BAR



SECTION 11
DOOR JAMB @ TRANSOM



SECTION 14
DOOR SILL



SECTION 12
DOOR JAMB

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)

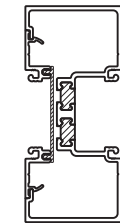
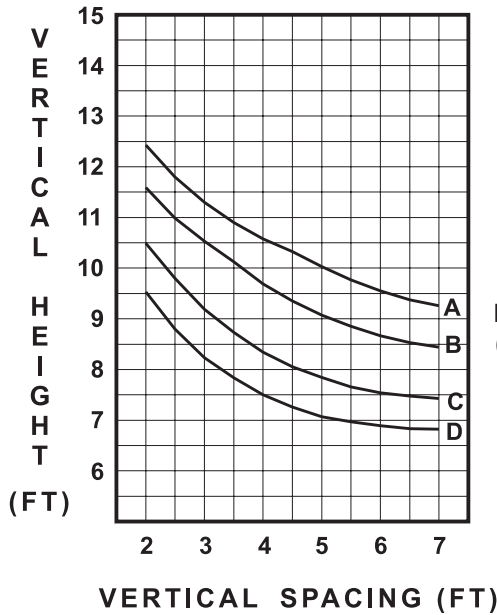
CODES AND SPECIFICATIONS MAY VARY, NO SINGLE LITE OF GLASS SHALL DEFLECT MORE THAN 3/4" (19.1mm)

ALLOWABLE WIND LOAD STRESS

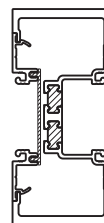
YKK AP tested standard. Contact YKK AP for more information.

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.

BE9-2601 w/ BE9-2605

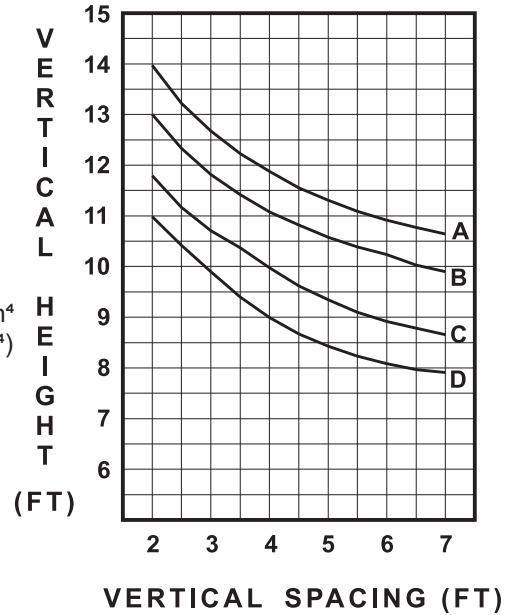


$I_{xx}=2.805 \text{ in}^4$
(116.75 cm^4)

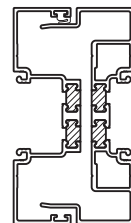
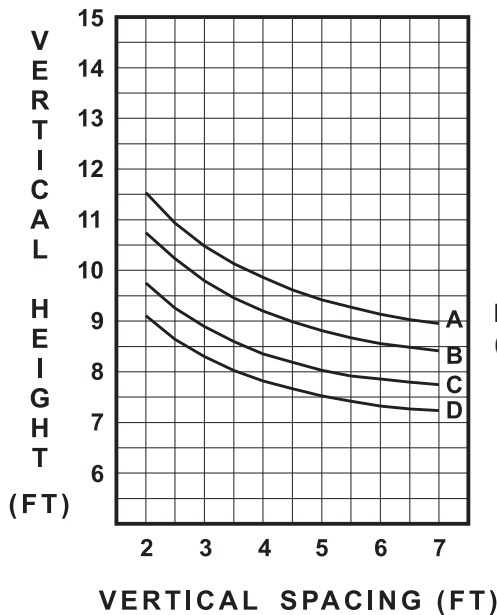


$I_{xx}=4.587 \text{ in}^4$
(190.93 cm^4)

BE9-2606 w/ BE9-2605

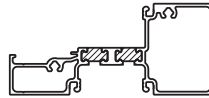


BE9-2607 / BE9-2608

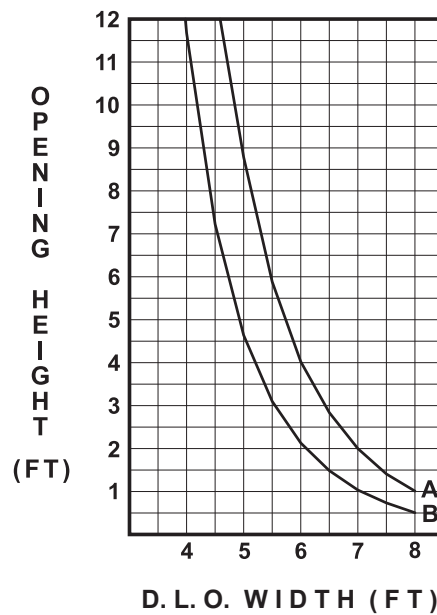


$I_{xx}=4.049 \text{ in}^4$
(168.53 cm^4)

DEAD LOAD CHART



BE9-2603



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.