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THERMAL STOREFRONT SYSTEM FOR 1" GLAZING
2" x 4-1/2"

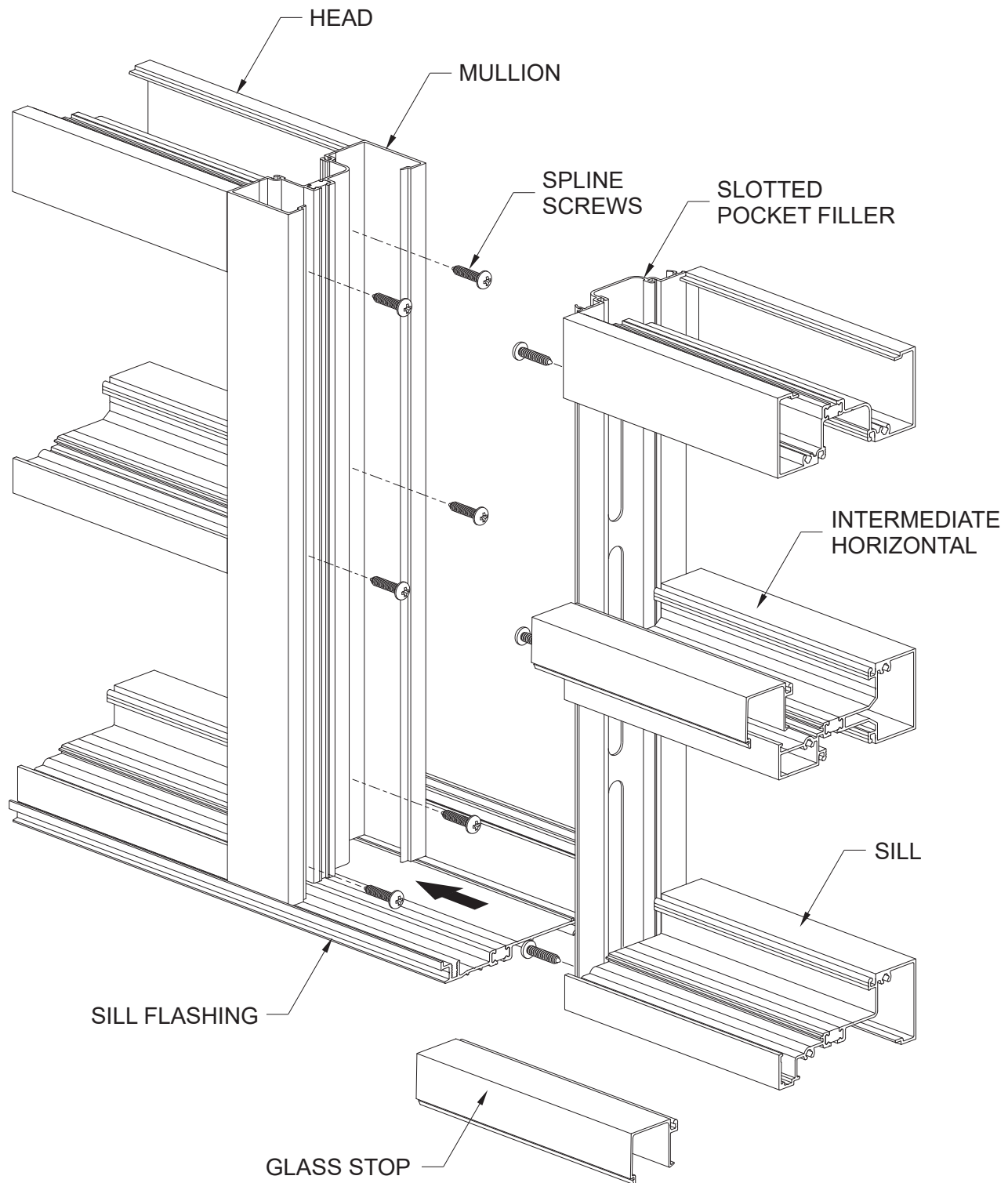
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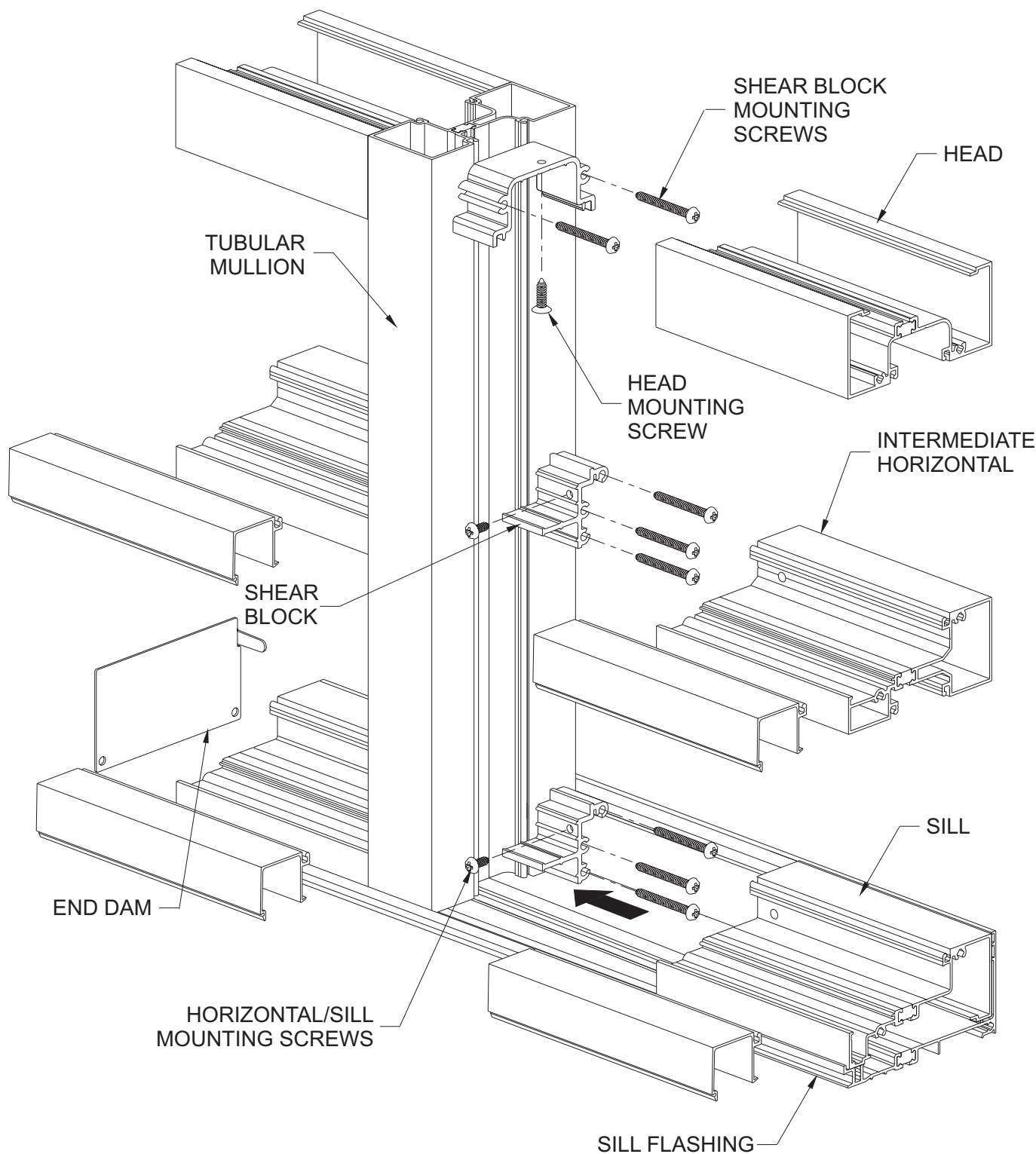
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*The latest installation instructions for this product are available at www.ykkap.com.

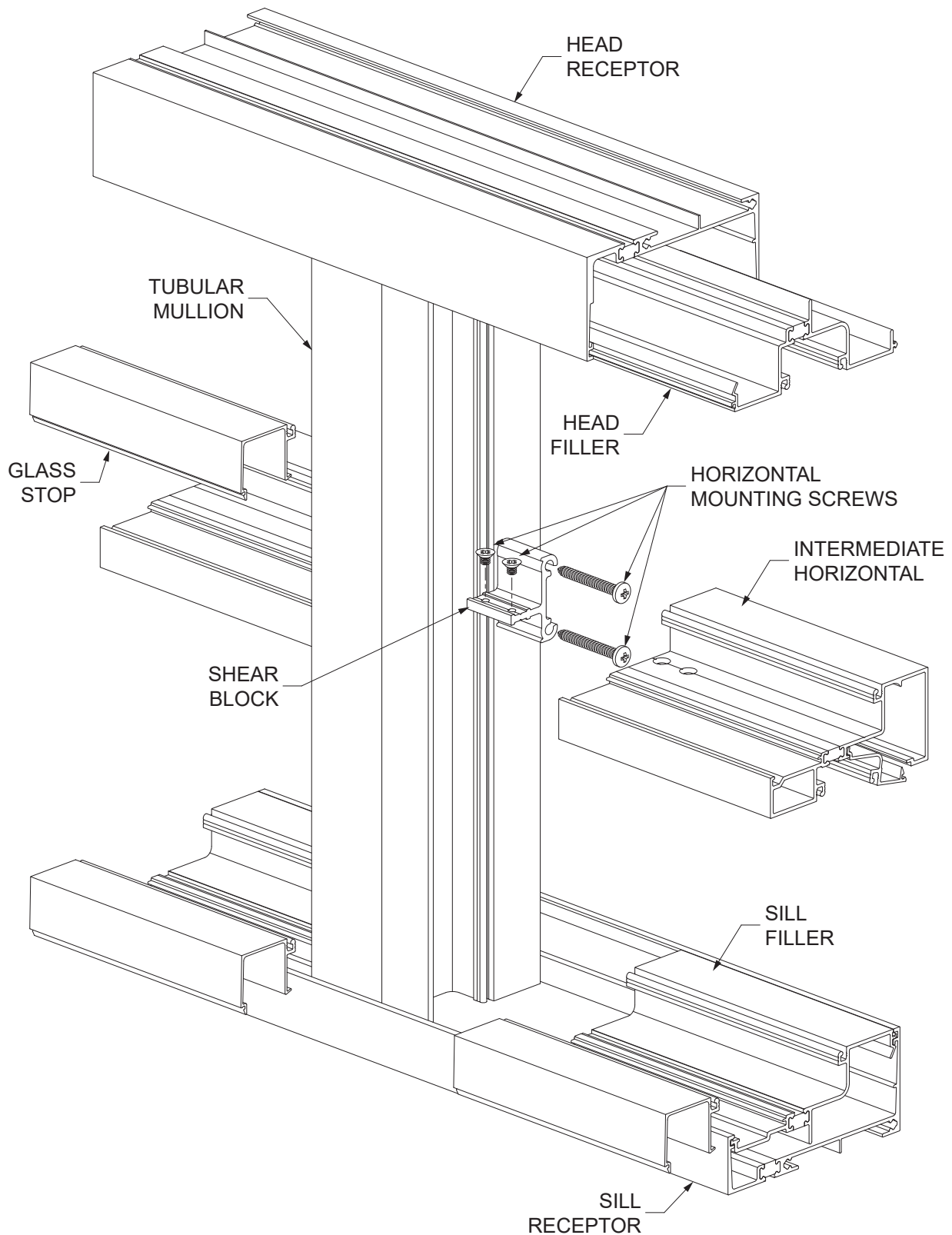
YES 45 TU SCREW SPLINE ASSEMBLY



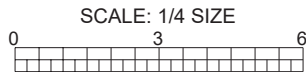
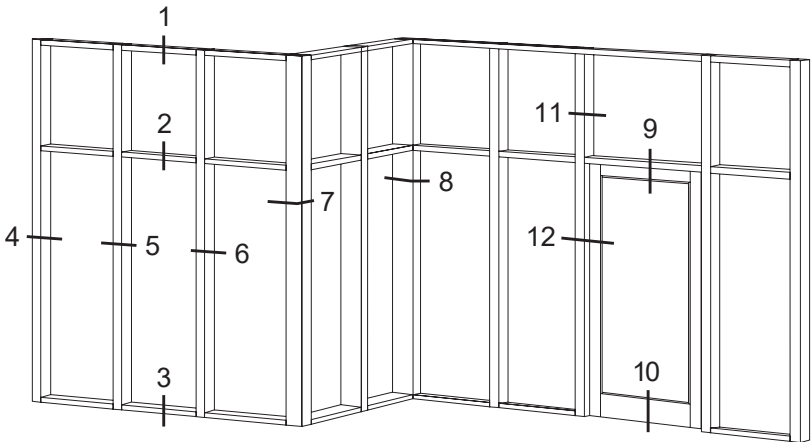
YES 45 TU SHEAR BLOCK ASSEMBLY



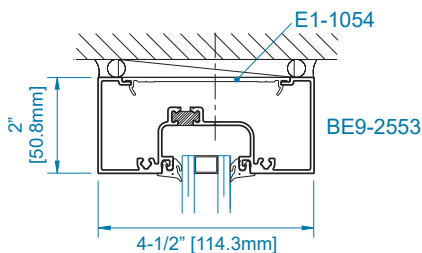
YES 45 TU CAN ASSEMBLY



YES 45 TU HORIZONTAL MEMBERS FOR OUTSIDE GLAZING

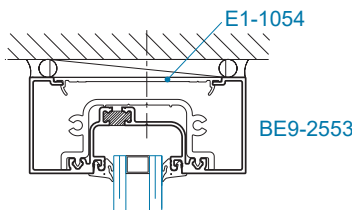


SCREW SPLINE

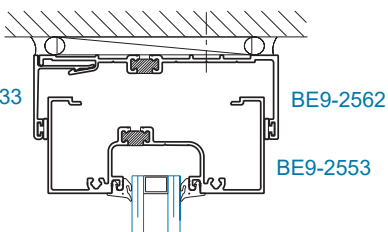


SECTION 1
HEAD

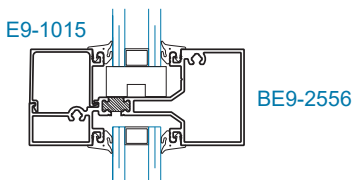
SHEAR BLOCK



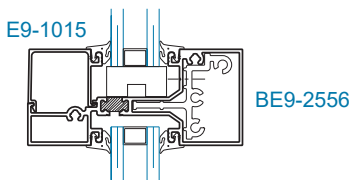
SECTION 1A
HEAD



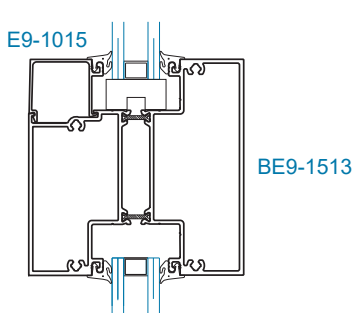
SECTION 1B
HEAD RECEPTOR



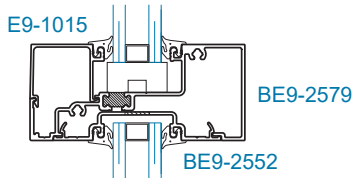
SECTION 2
HORIZONTAL



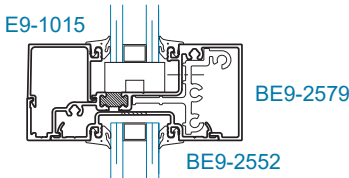
SECTION 2B
HORIZONTAL



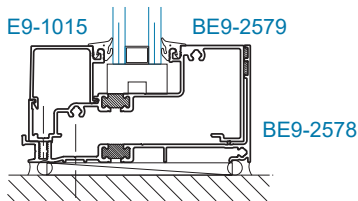
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4-1/2" HORIZONTAL



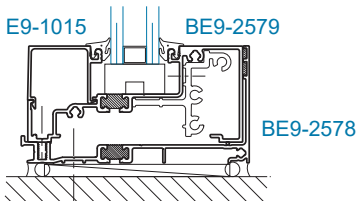
SECTION 2A
TWO PIECE HORIZONTAL



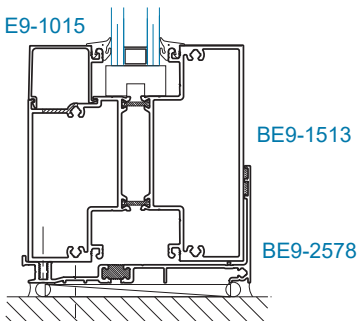
SECTION 2C
TWO PIECE HORIZONTAL



SECTION 3
SILL

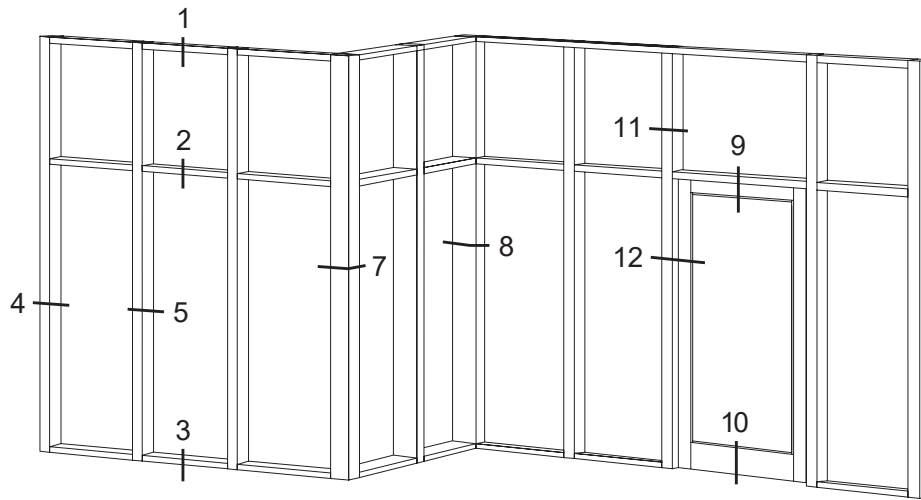


SECTION 3A
SILL

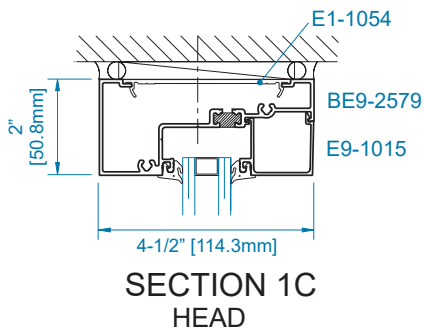


SECTION 3B
4-1/2" SILL

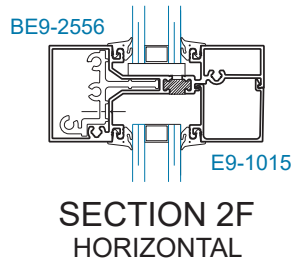
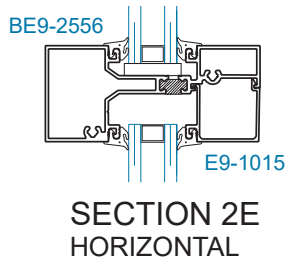
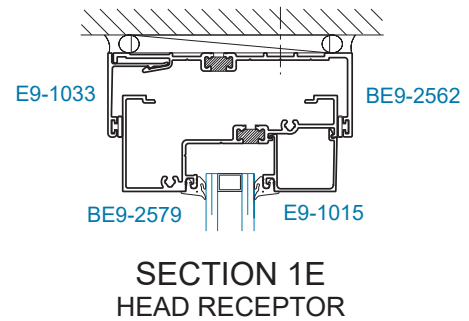
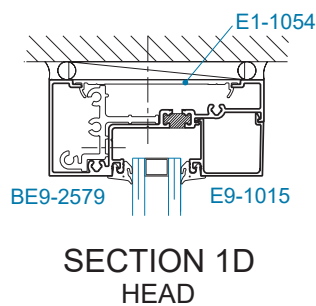
YES 45 TU HORIZONTAL MEMBERS FOR INSIDE GLAZING



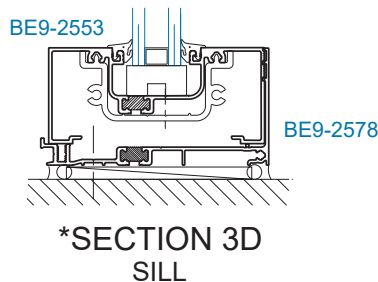
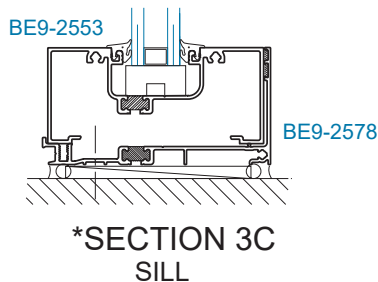
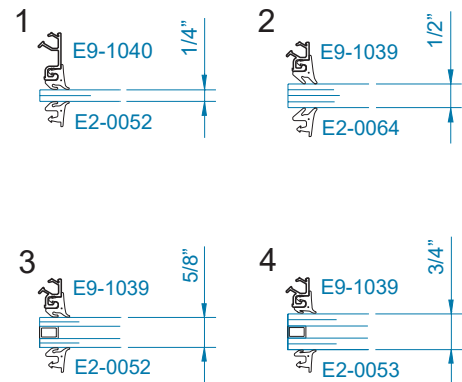
SCREW SPLINE



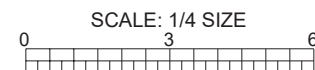
SHEAR BLOCK



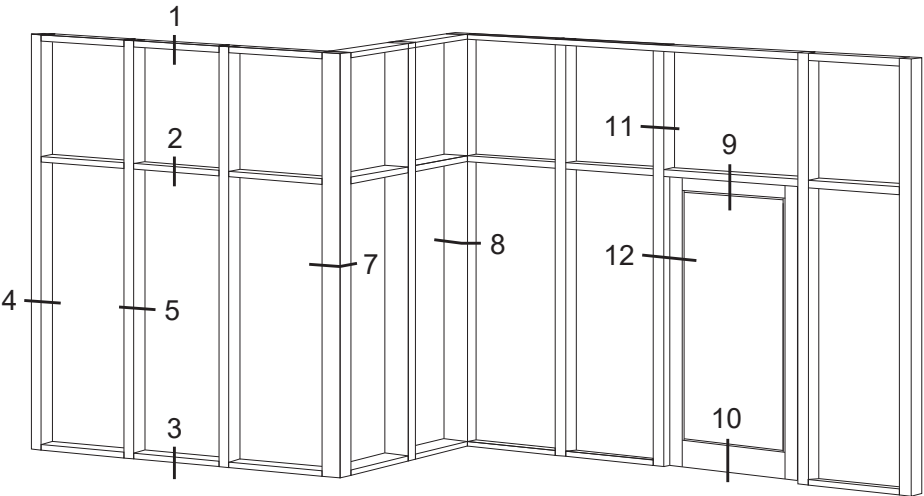
GLAZING OPTIONS



*For applications for end reactions over 500 lbs.,
See Details 3 & 3A on Page 5.

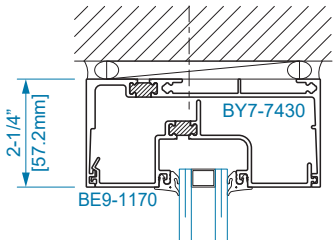


YES 45 TU HORIZONTAL MEMBERS FOR CAN ASSEMBLY

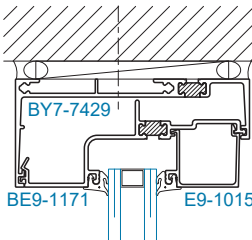


SCALE: 1/4 SIZE

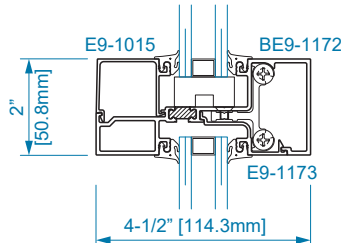
A horizontal scale bar with markings at 0, 3, and 6 units.



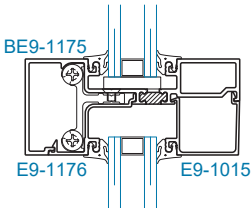
SECTION 1_CAN
O.G. HEAD
CAN ASSEMBLY



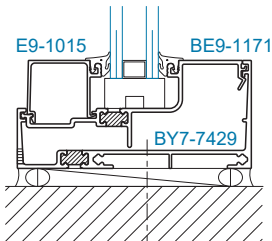
SECTION 1A_CAN
I.G. HEAD
CAN ASSEMBLY



SECTION 2_CAN
O.G. HORIZONTAL
CAN ASSEMBLY

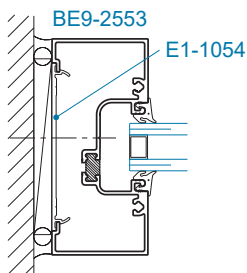
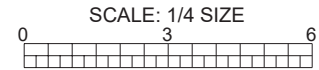
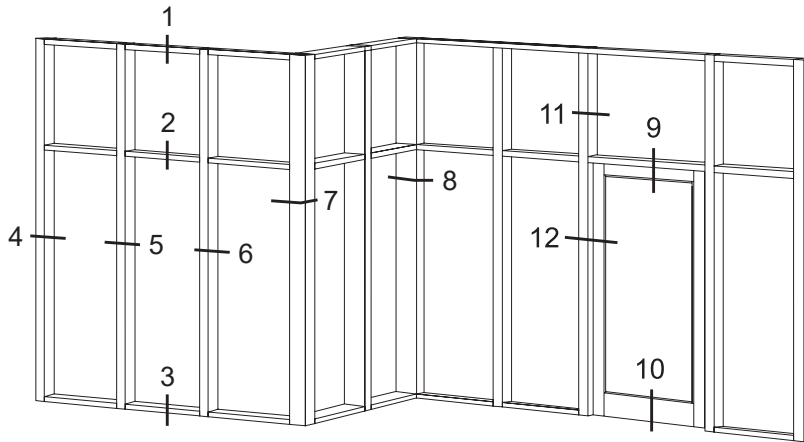


SECTION 2A_CAN
I.G. HORIZONTAL
CAN ASSEMBLY

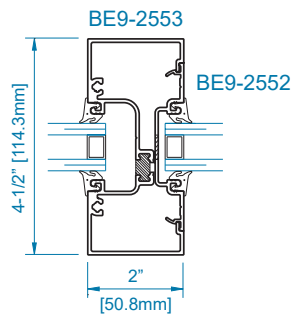


SECTION 3_CAN
O.G./I.G. SILL
CAN ASSEMBLY

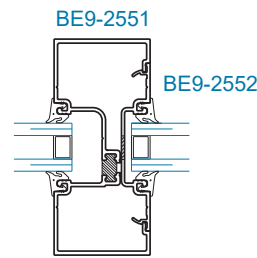
YES 45 TU VERTICAL & CORNER MEMBERS



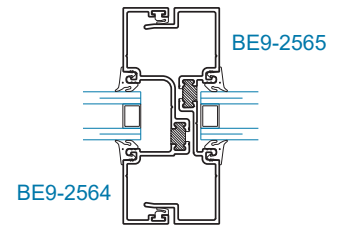
SECTION 4
JAMB



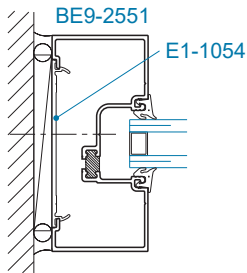
SECTION 5
MULLION



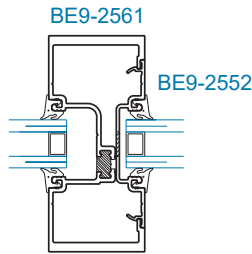
SECTION 5A
MULLION



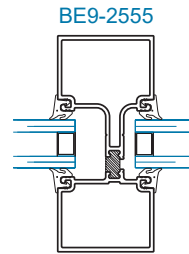
SECTION 6
EXPANSION
MULLION



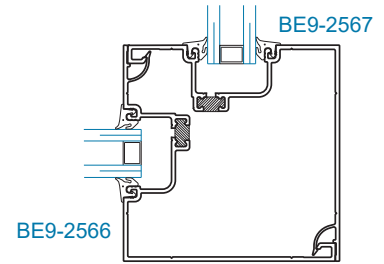
SECTION 4A
JAMB



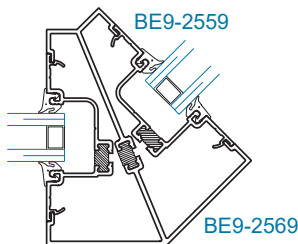
SECTION 5B
HEAVY DUTY
MULLION



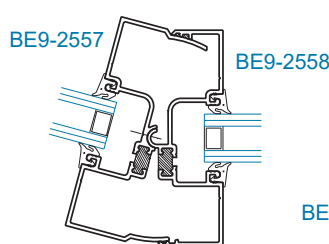
SECTION 5C
TUBULAR MULLION
FOR SHEAR BLOCK
& CAN ASSEMBLY



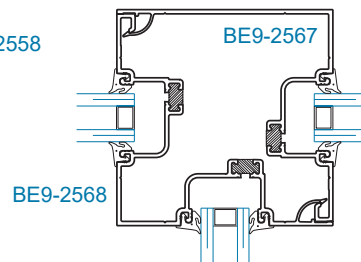
SECTION 7
90° OUTSIDE CORNER



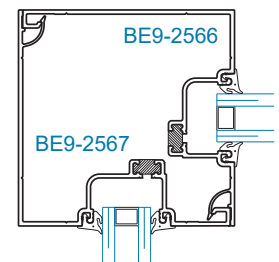
SECTION 7A
135° OUTSIDE CORNER



SECTION 7B
165°-180° HINGED
MULLION

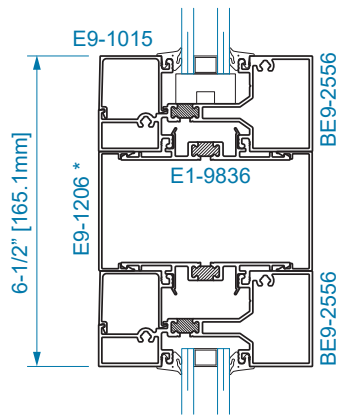
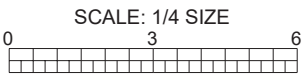
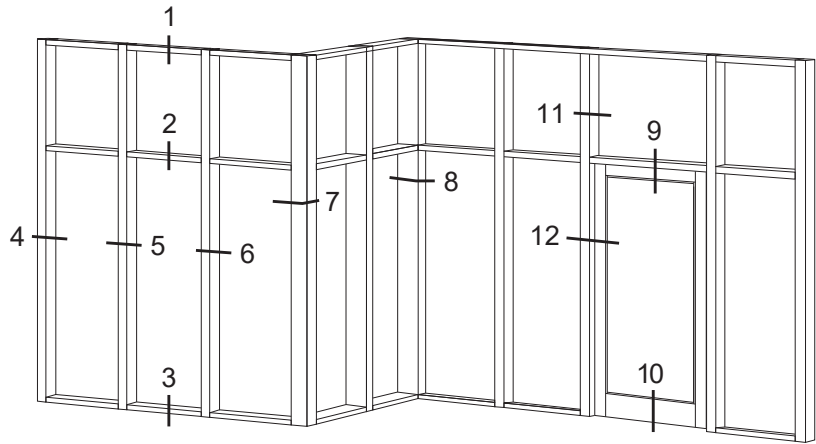


SECTION 7C
THREE WAY
CORNER

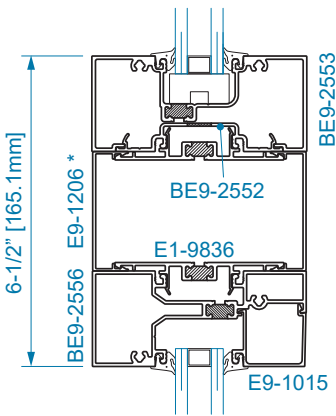


SECTION 8
90° INSIDE CORNER

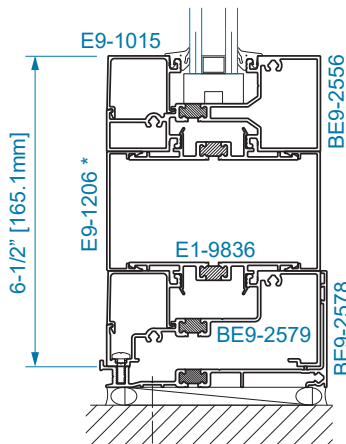
YES 45 TU COMPOUND HORIZONTALS & MULLIONS



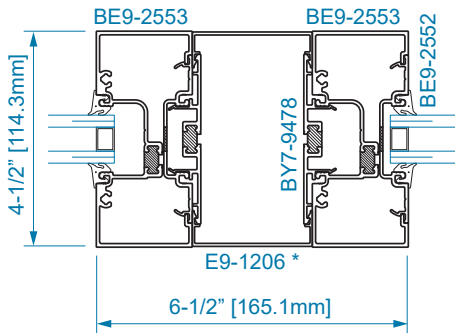
SECTION 2G
OUTSIDE GLAZED
COMPOUND HORIZONTAL



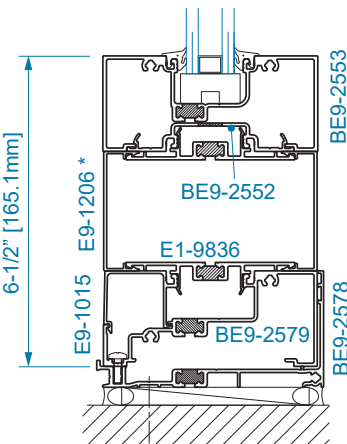
SECTION 2H
INSIDE GLAZED
COMPOUND HORIZONTAL



SECTION 3E
OUTSIDE GLAZED
COMPOUND SILL



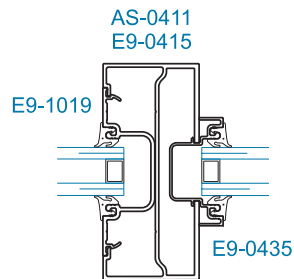
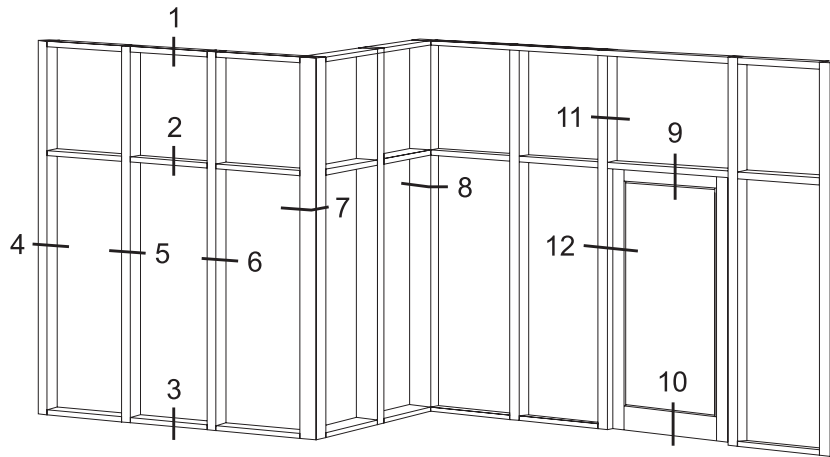
SECTION 5D
COMPOUND MULLION



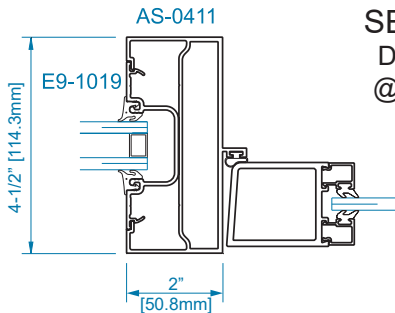
SECTION 3F
INSIDE GLAZED
COMPOUND SILL

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

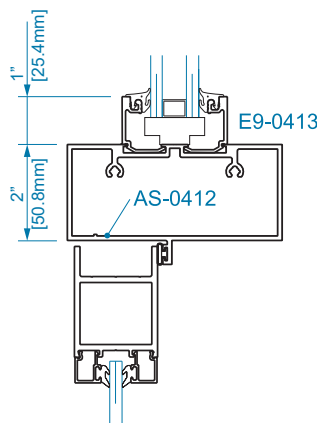
YES 45 TU DOOR FRAMING MEMBERS



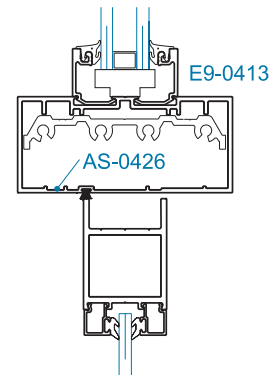
**SECTION 11
DOOR JAMB
@ TRANSOM**



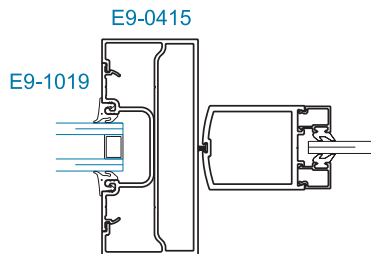
**SECTION 12
SINGLE ACTING
DOOR JAMB**



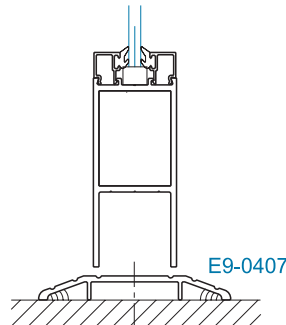
**SECTION 9
SINGLE ACTING
TRANSOM BAR**



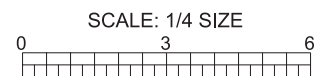
**SECTION 9A
DOUBLE ACTING
TRANSOM BAR**



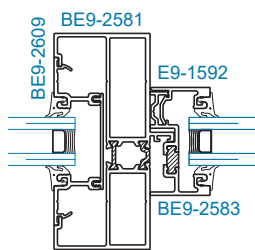
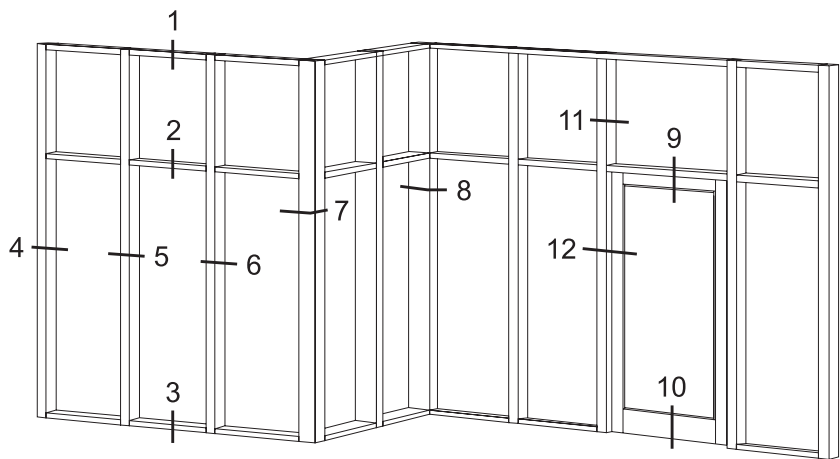
**SECTION 12A
DOUBLE ACTING
DOOR JAMB**



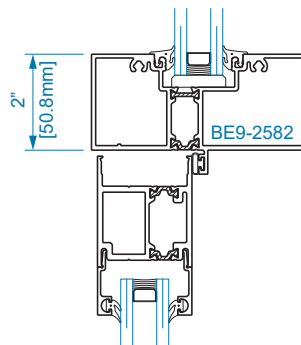
**SECTION 10
BOTTOM RAIL**



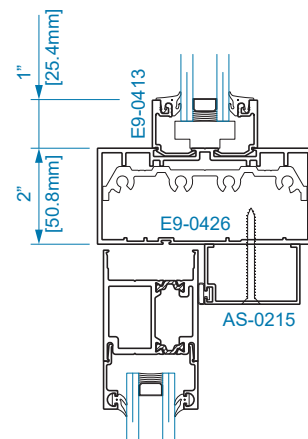
YES 45 TU THERMAL DOOR FRAMING MEMBERS
(FOR SCREW SPLINE & SHEAR BLOCK ASSEMBLY ONLY)



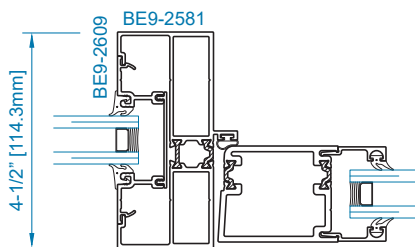
SECTION 11T
THERMAL
TRANSOM JAMB



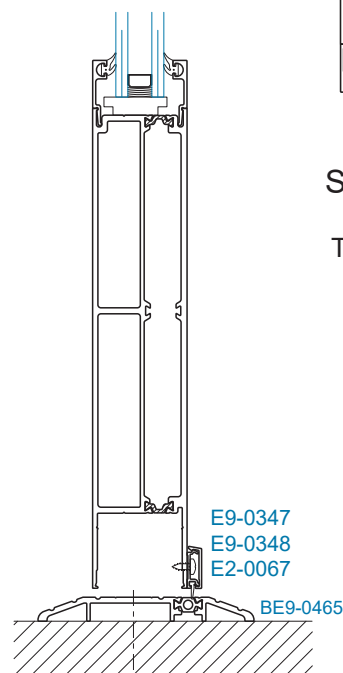
SECTION 9T
THERMAL
TRANSOM BAR



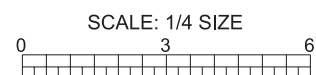
SECTION 9AT
OHCC
TRANSOM BAR



SECTION 12T
THERMAL
DOOR JAMB



SECTION 10T
THERMAL BOTTOM
RAIL



YES 45 TU WIND LOAD CHARTS

DEFLECTION CRITERIA: AAMA TIR-A11 - L/175 for $\leq 13'-6"$ span or

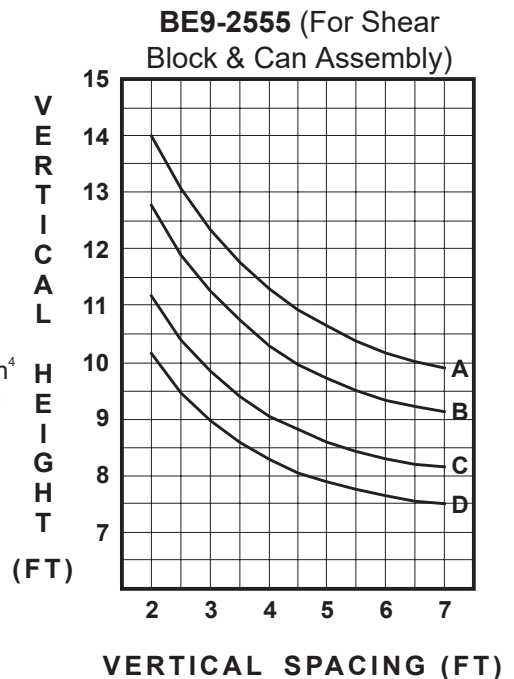
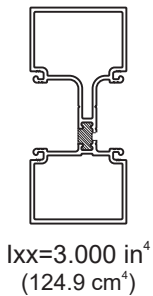
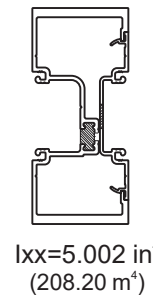
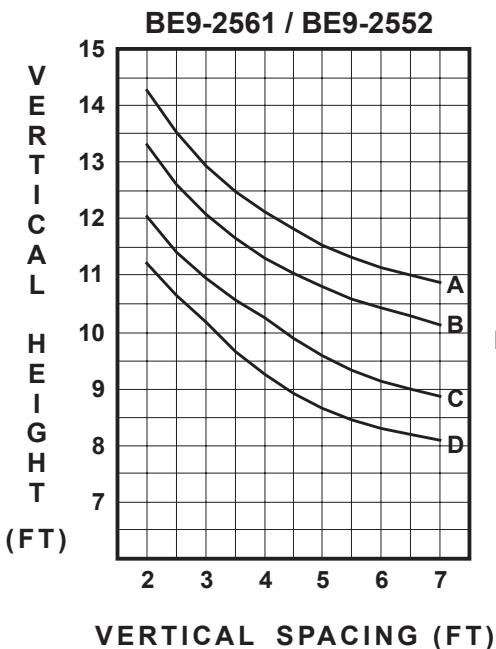
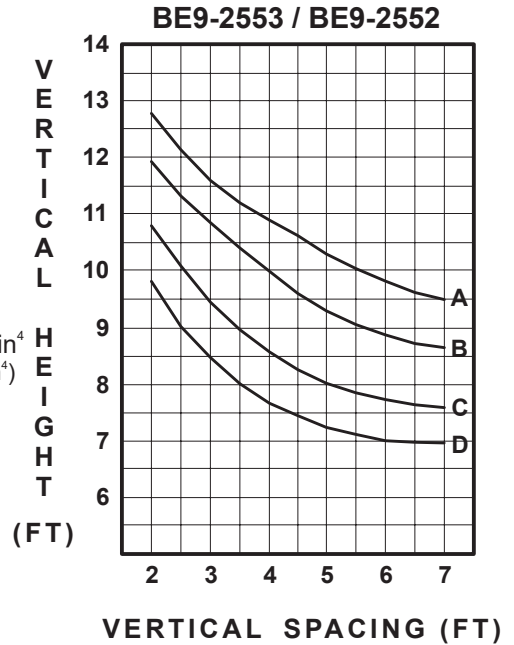
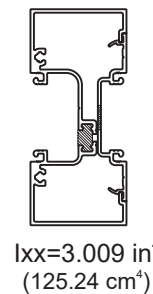
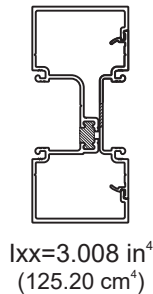
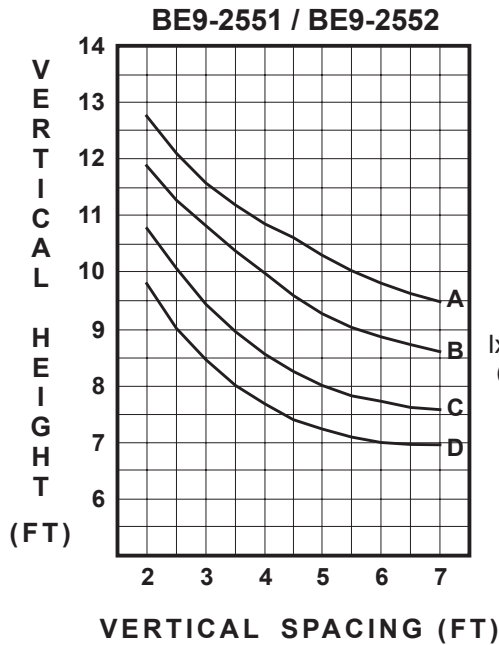
$L/240 + 1/4"$ (6.4mm) - FOR SPANS GREATER THAN $13'-6"$ (4.1m) BUT LESS THAN $40'-0"$ (12.2m)

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

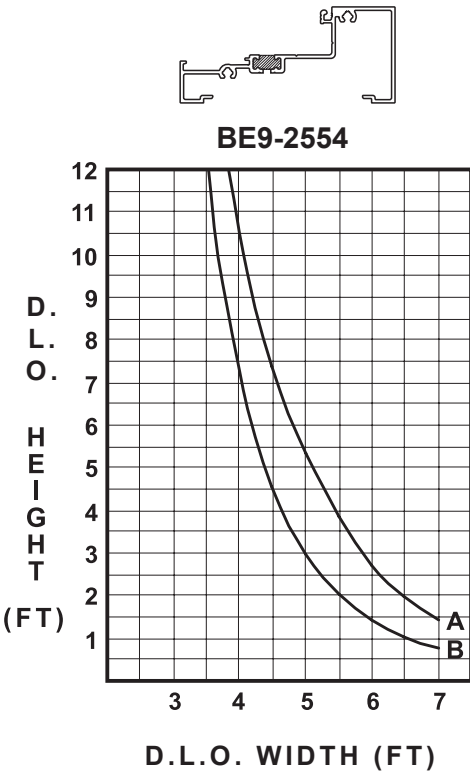
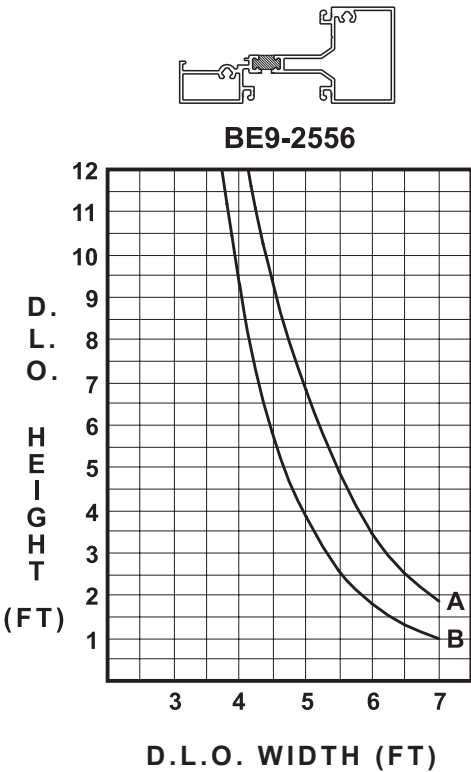
ALLOWABLE WIND LOAD CHARTS

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.



YES 45 TU DEAD LOAD CHARTS



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.

