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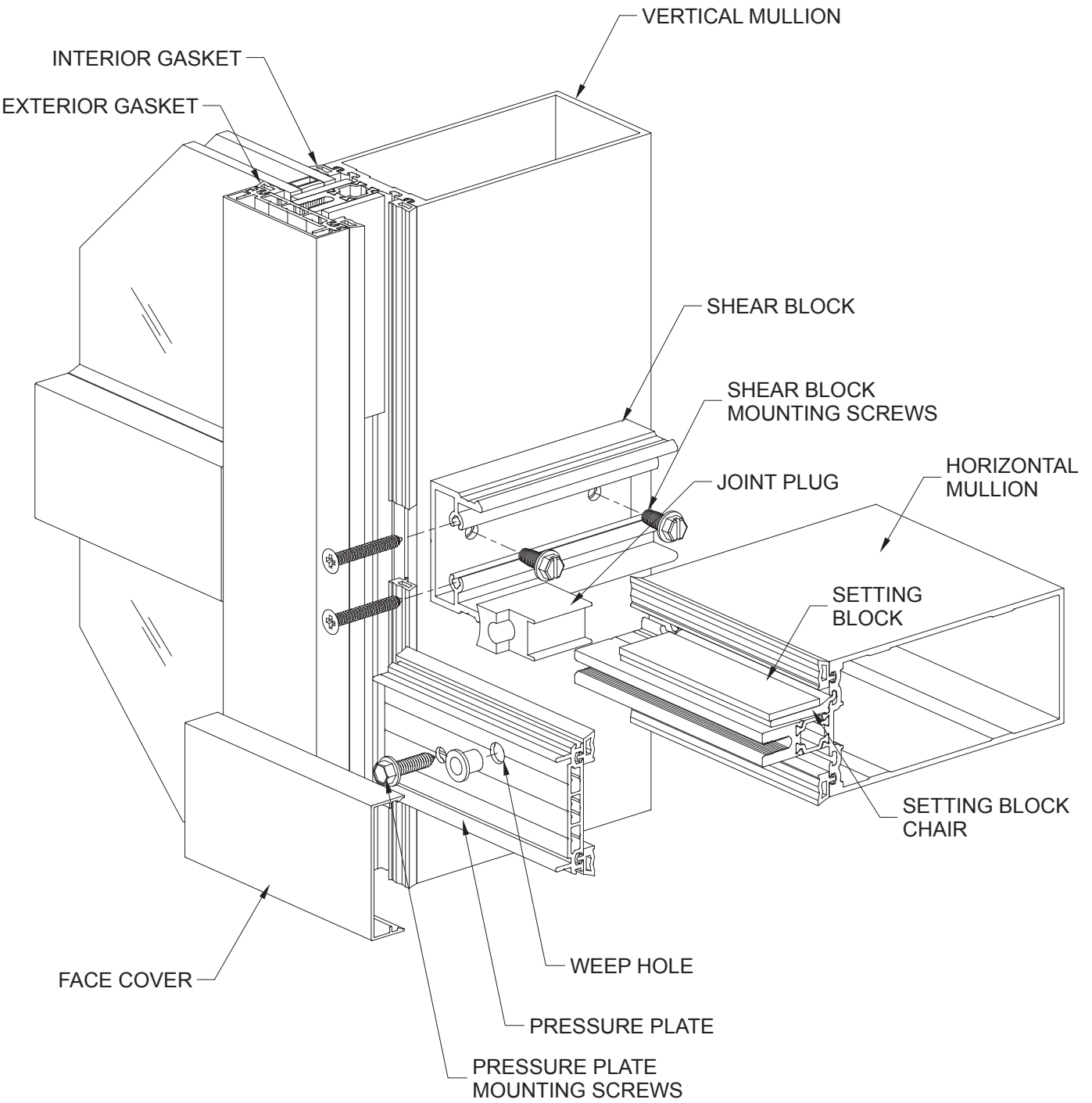
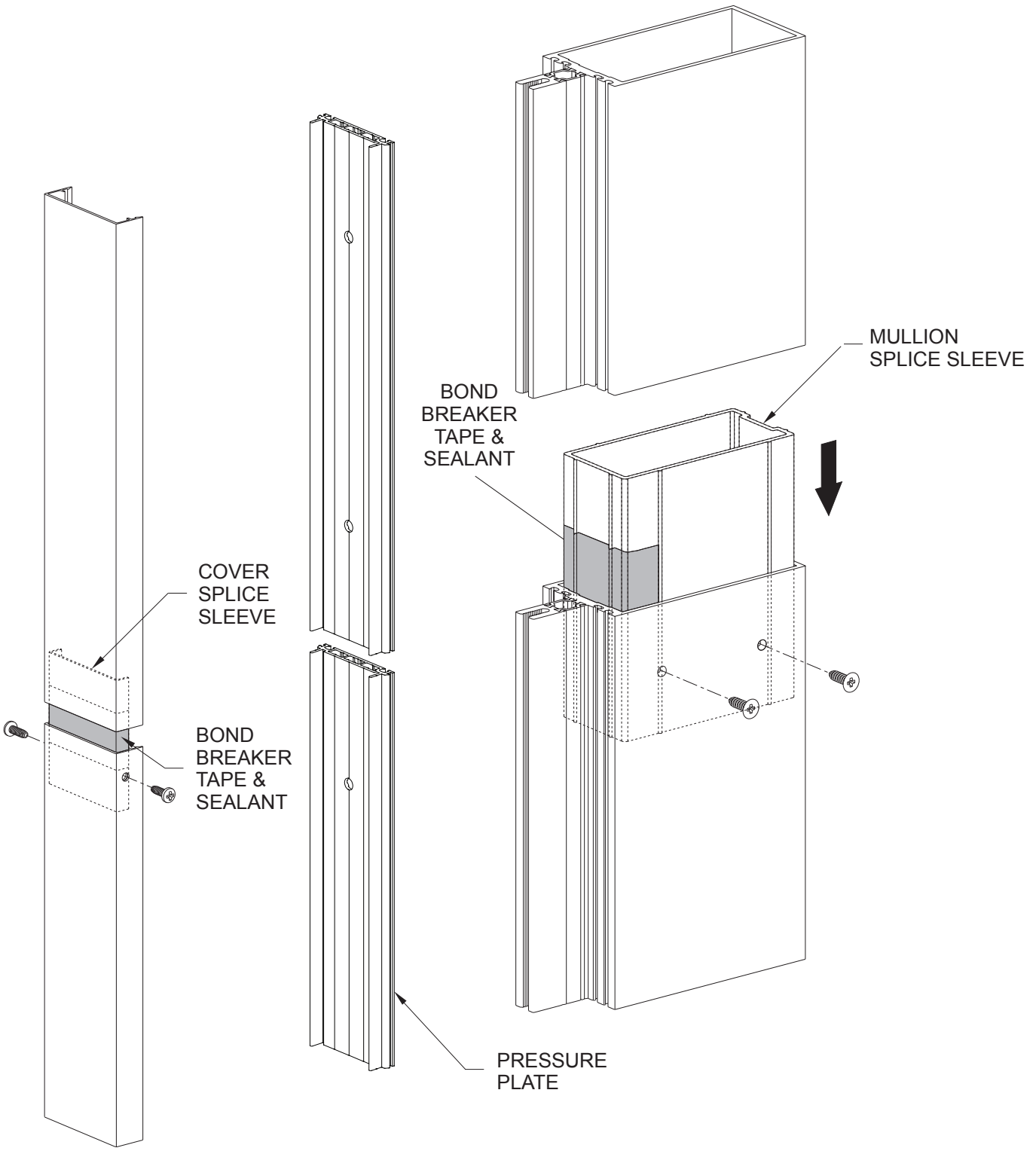
YCW 750 XTP HIGH PERFORMANCE CURTAIN WALL SYSTEM FOR 1” GLAZING W/ POLYAMIDE PRESSURE PLATE

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

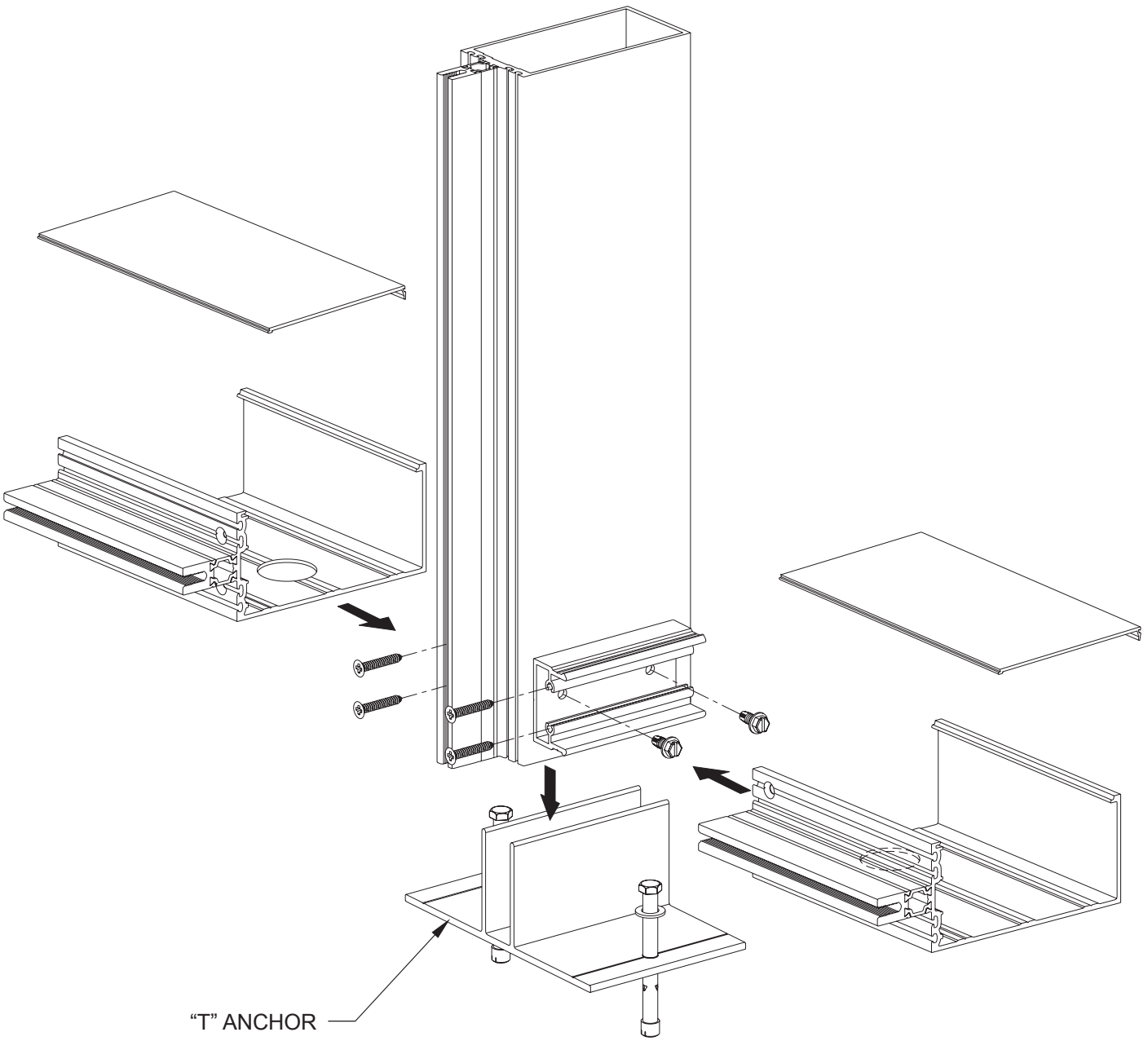
OUTSIDE GLAZED CURTAIN WALL SYSTEM



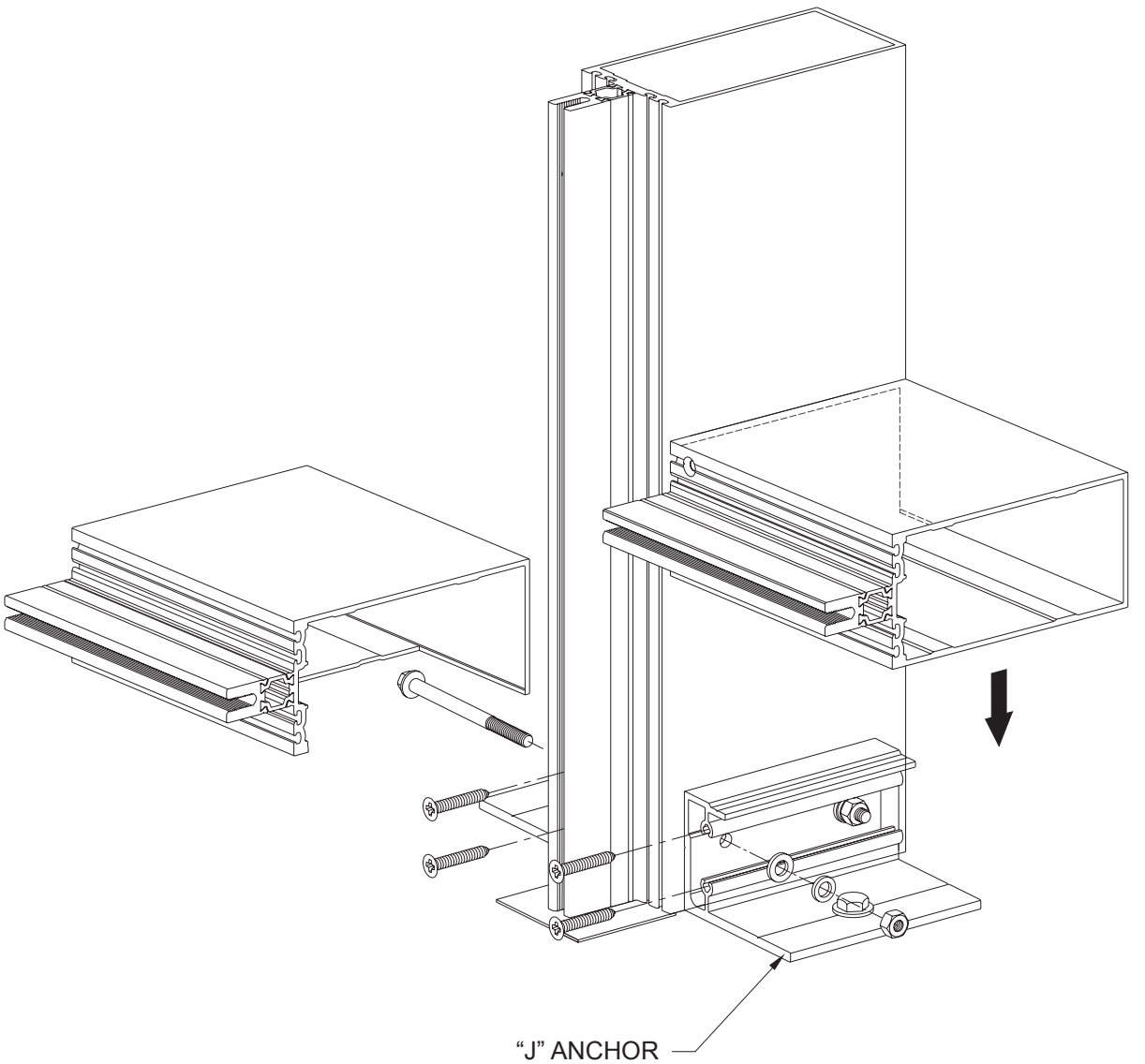
TYPICAL SPLICE CONDITION



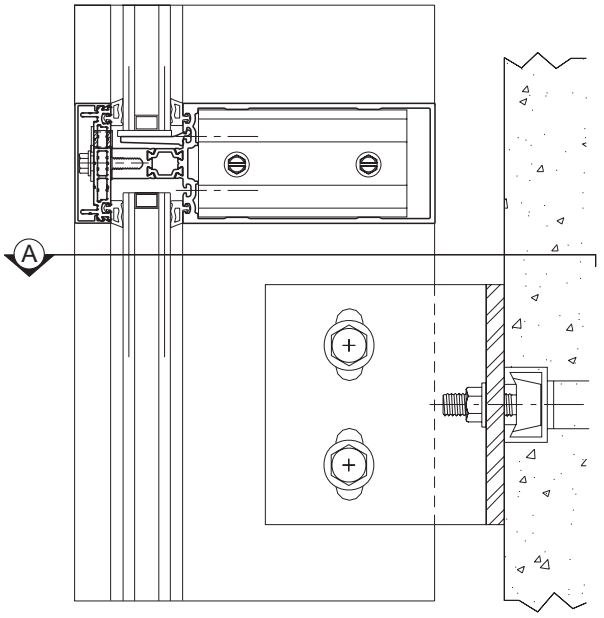
VERTICAL MULLION WITH “T” END ANCHOR



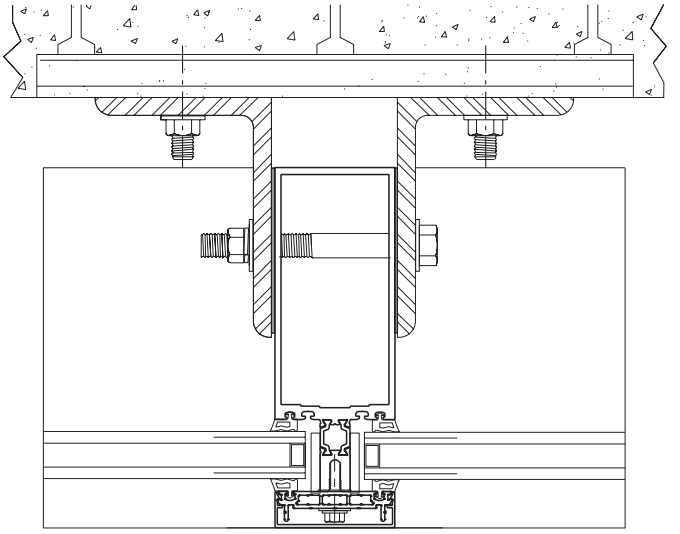
VERTICAL MULLION WITH “J” END ANCHOR



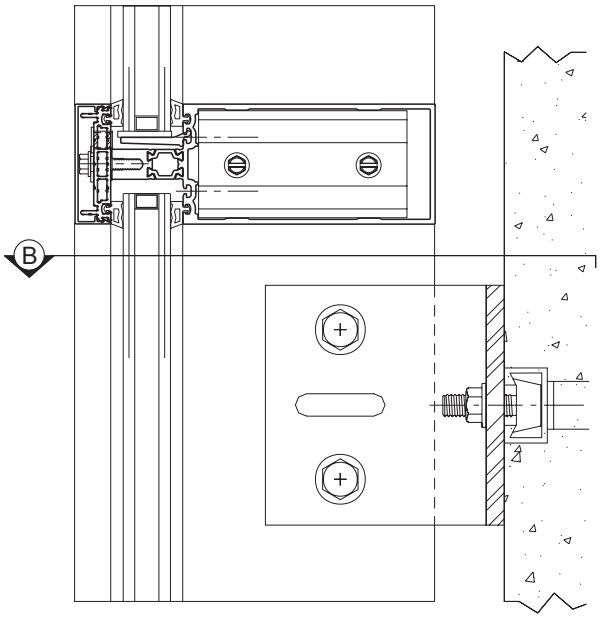
TYPICAL MID ANCHORS FOR WIND LOAD & DEAD LOAD



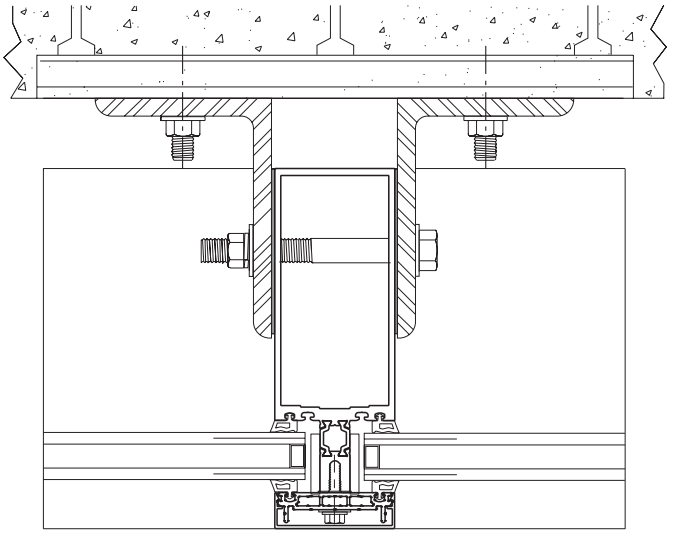
TYPICAL WIND LOAD ANCHOR



SECTION A

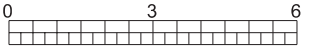


TYPICAL DEAD LOAD ANCHOR

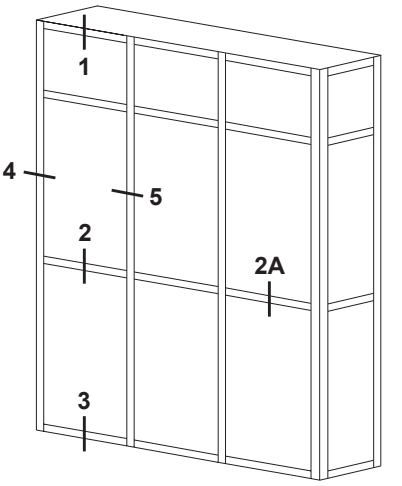


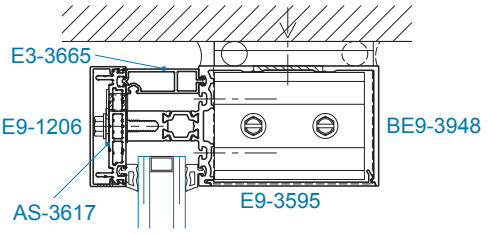
SECTION B

SCALE: 1/4 SIZE

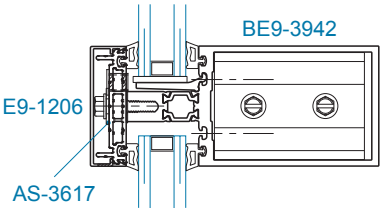


STANDARD FRAMING MEMBERS FOR 1" GLAZING

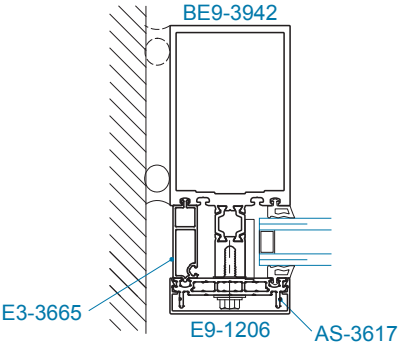




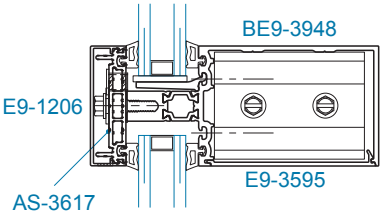
SECTION 1
OPEN BACK HEAD



SECTION 2
HORIZONTAL



SECTION 4
JAMB



SECTION 2A
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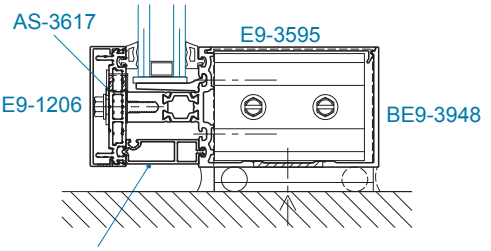
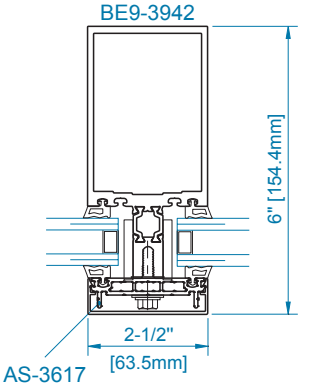


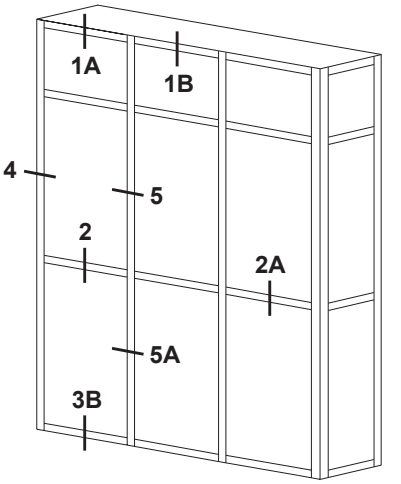
SECTION 3
OPEN BACK SILL

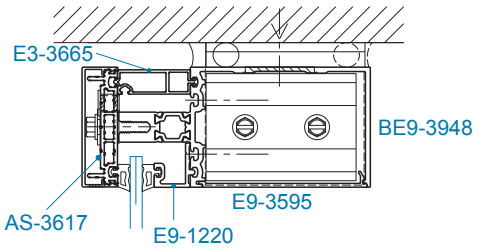


SECTION 5
VERTICAL

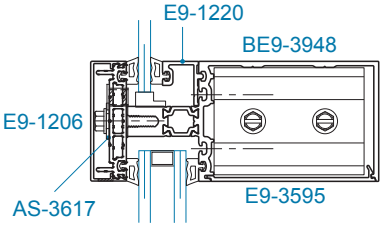
SCALE: 1/4 SIZE
0 3 6

OPTIONAL FRAMING MEMBERS FOR 1" GLAZING

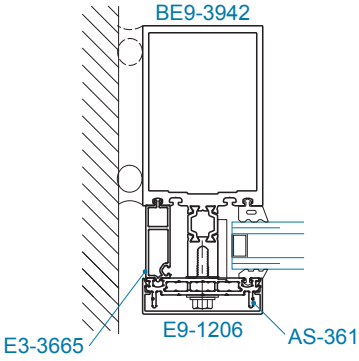




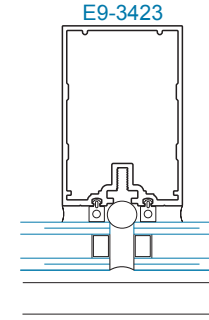
SECTION 1B
OPTIONAL HEAD
(1/4" GI.)



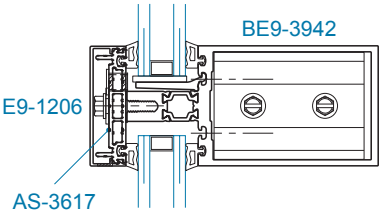
SECTION 2
OPEN BACK HORIZONTAL
(1/4" GI./1"GI.)



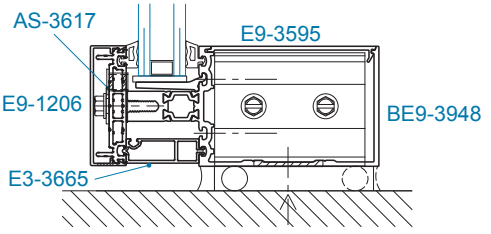
SECTION 4
JAMB



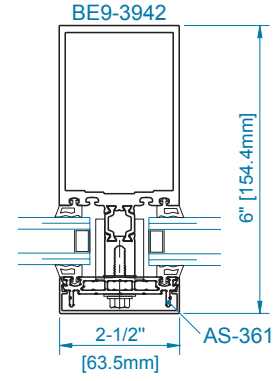
SECTION 5A
SSG VERTICAL



SECTION 2A
HORIZONTAL



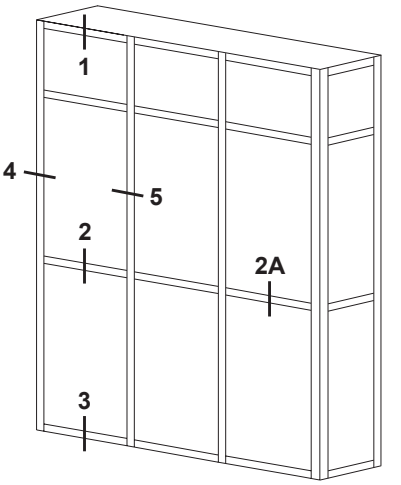
SECTION 3B
OPTIONAL SILL
w/ "J" ANCHOR

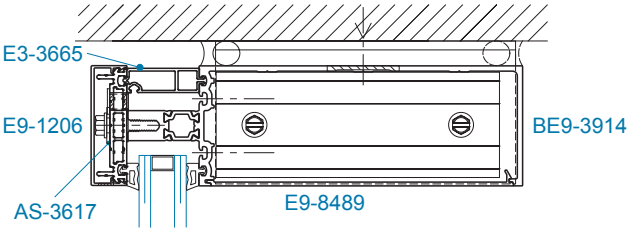


SECTION 5
VERTICAL

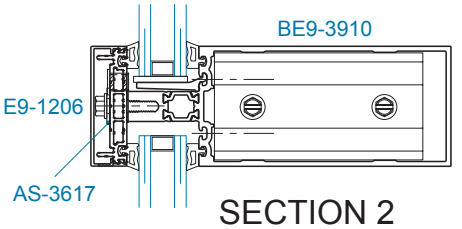
SCALE: 1/4 SIZE
0 3 6

STANDARD FRAMING MEMBERS FOR 1" GLAZING

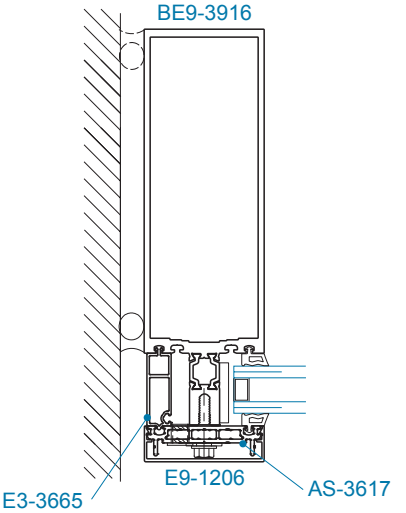




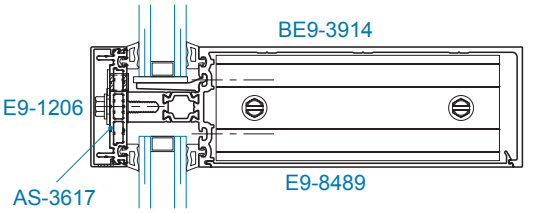
SECTION 1
OPEN BACK HEAD



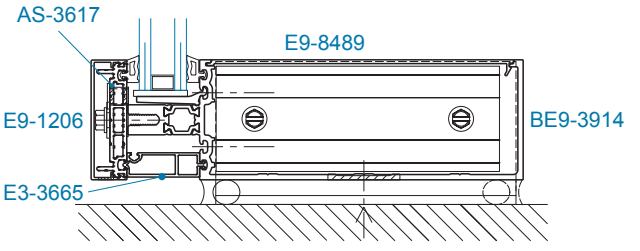
SECTION 2
HORIZONTAL



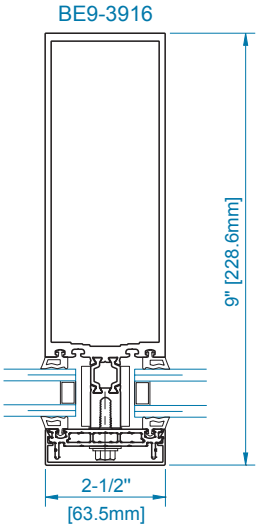
SECTION 4
JAMB



SECTION 2A
OPEN BACK HORIZONTAL



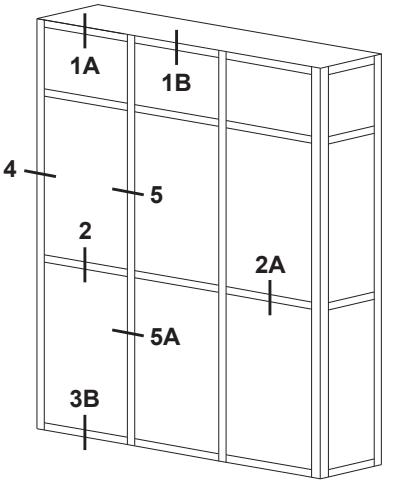
SECTION 3
OPEN BACK SILL

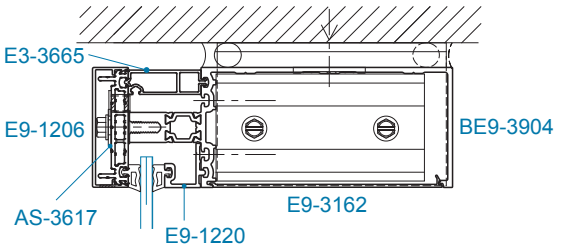


SECTION 5
VERTICAL

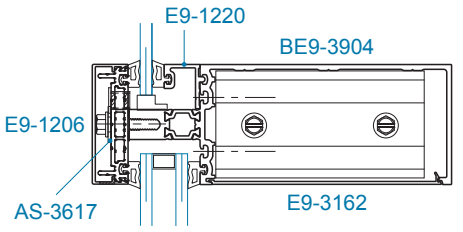
SCALE: 1/4 SIZE
0 3 6

OPTIONAL FRAMING MEMBERS FOR 1" GLAZING

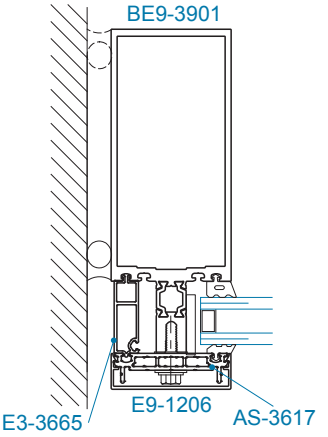




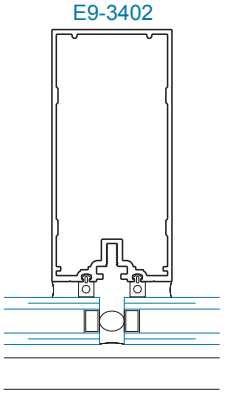
SECTION 1B
OPEN BACK HEAD
(1/4" GI.)



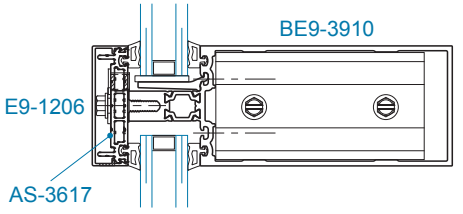
SECTION 2
OPEN BACK HORIZONTAL
(1/4" GI./1" GI.)



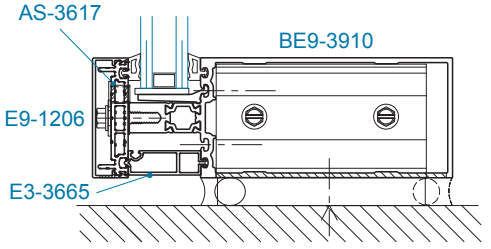
SECTION 4
JAMB



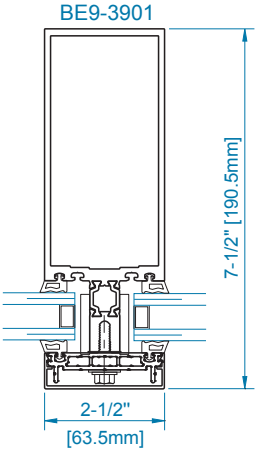
SECTION 5A
SSG VERTICAL



SECTION 2A
HORIZONTAL



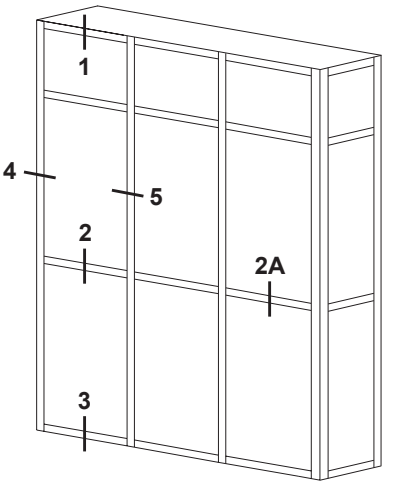
SECTION 3B
OPTIONAL SILL
w/ "J" ANCHOR

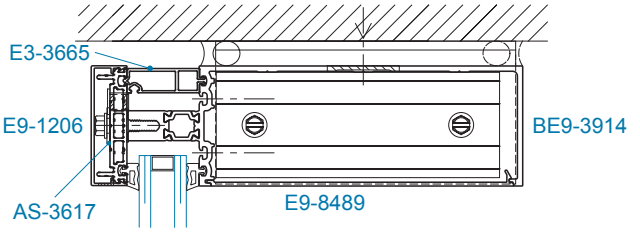


SECTION 5
VERTICAL

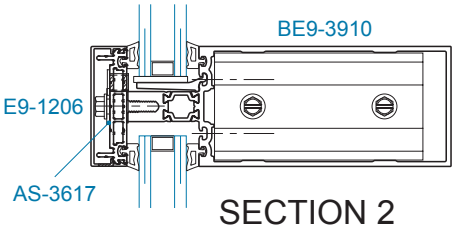
SCALE: 1/4 SIZE
0 3 6

STANDARD FRAMING MEMBERS FOR 1" GLAZING

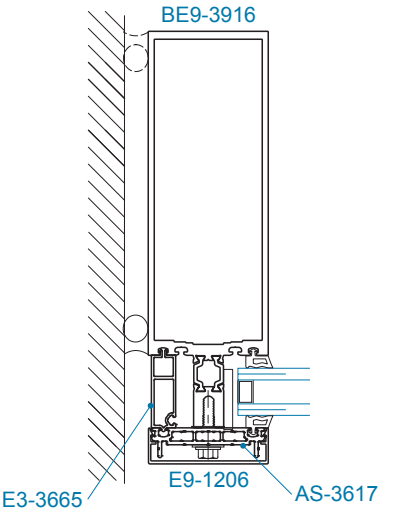




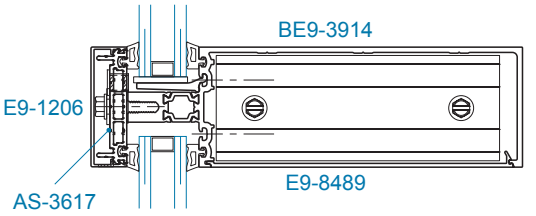
SECTION 1
OPEN BACK HEAD



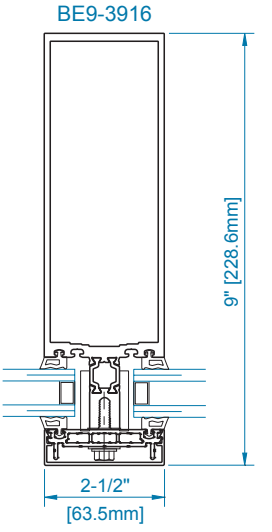
SECTION 2
HORIZONTAL

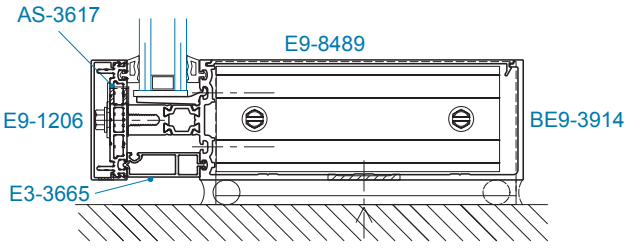


SECTION 4
JAMB



SECTION 2A
OPEN BACK HORIZONTAL



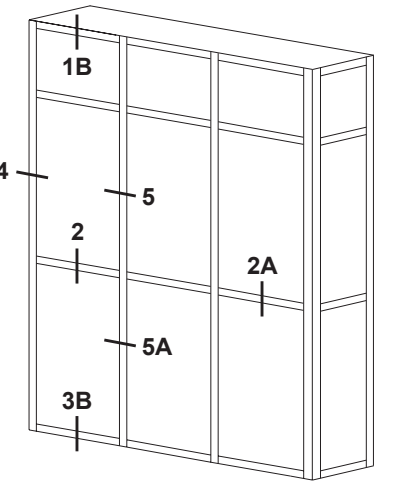


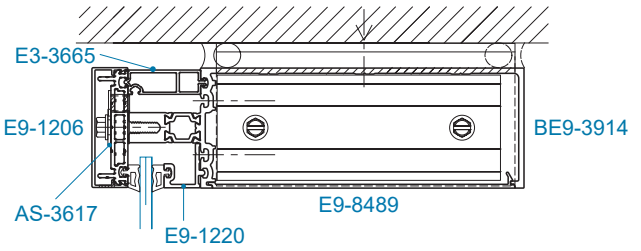
SECTION 3
OPEN BACK SILL

SECTION 5
VERTICAL

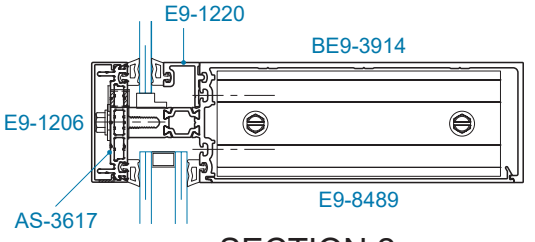
SCALE: 1/4 SIZE
0 3 6

OPTIONAL FRAMING MEMBERS FOR 1" GLAZING

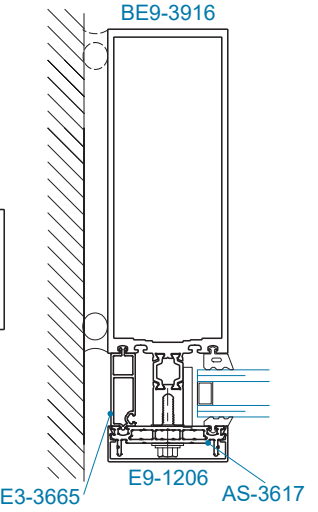




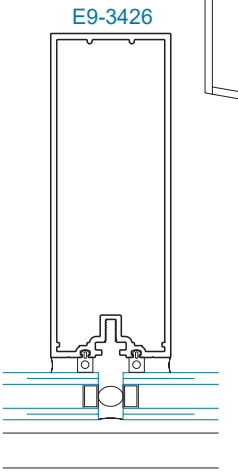
SECTION 1B
OPEN BACK HEAD
(1/4" GI.)



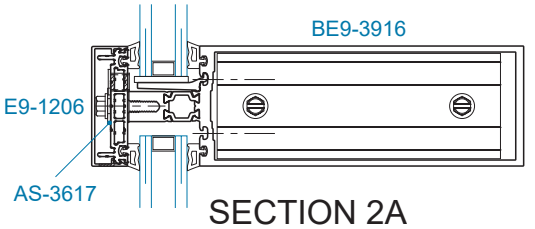
SECTION 2
OPEN BACK HORIZONTAL
(1/4" GI./1" GI.)



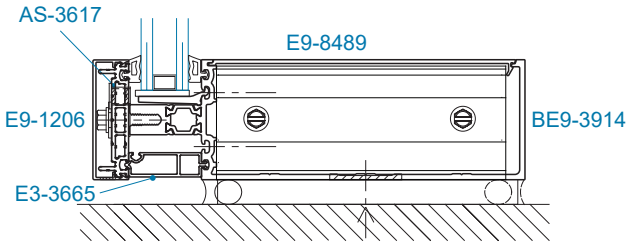
SECTION 4
JAMB



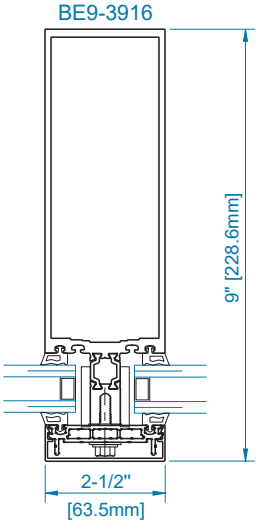
SECTION 5A
SSG VERTICAL



SECTION 2A
HORIZONTAL



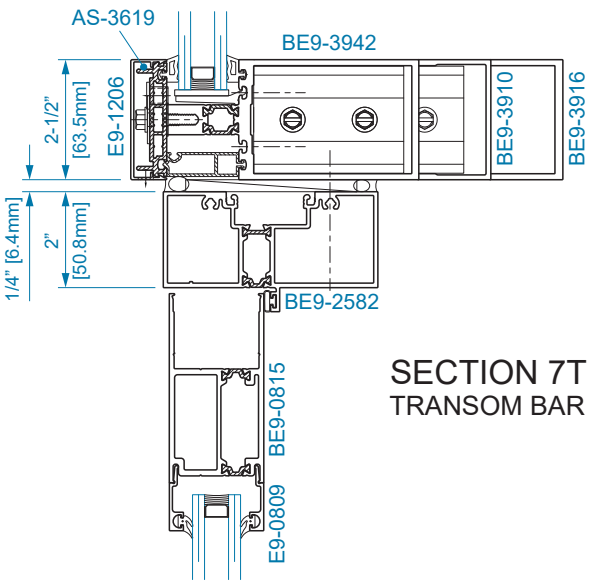
SECTION 3B
OPTIONAL SILL
w/ "J" ANCHOR



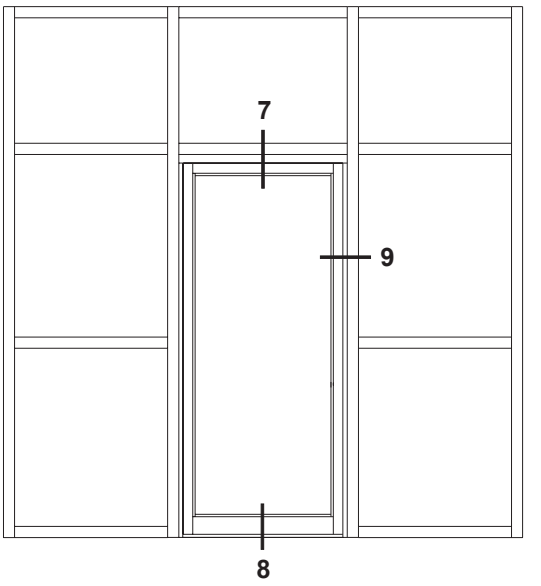
SECTION 5
VERTICAL

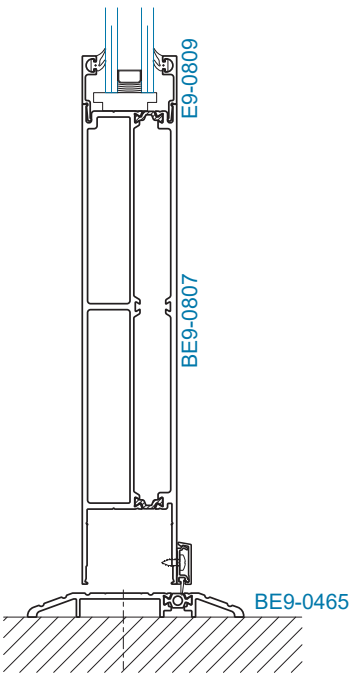
SCALE: 1/4 SIZE
0 3 6

35T DOOR FRAMING MEMBERS FOR 1" GLAZING

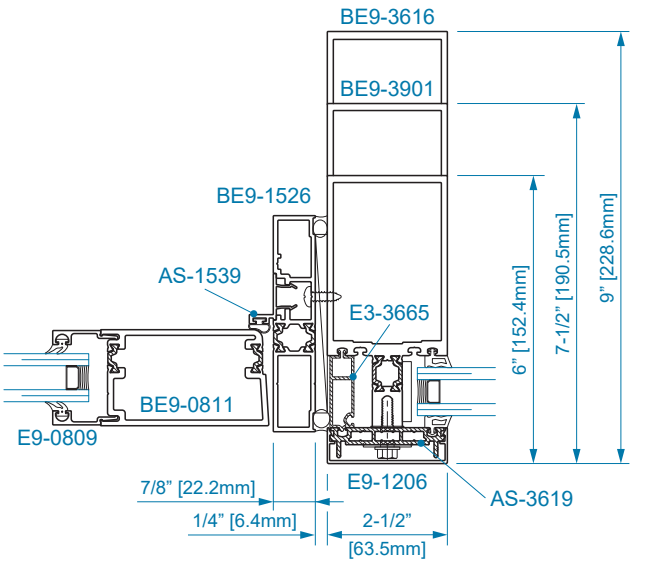


SECTION 7T
TRANSOM BAR



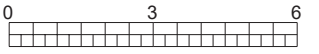


SECTION 8T



SECTION 9T
DOOR JAMB

SCALE: 1/4 SIZE



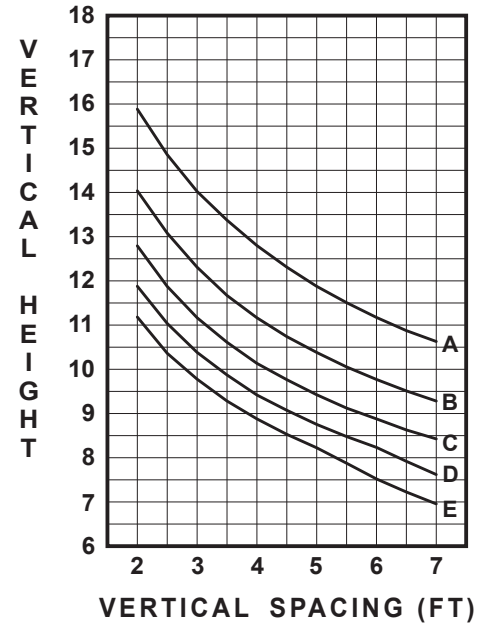
WIND LOAD CHARTS FOR SINGLE SPAN APPLICATIONS

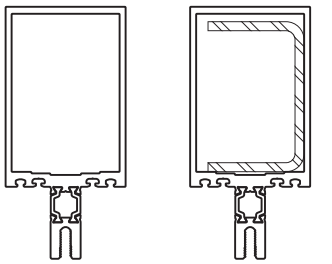
DEFLECTION CRITERIA AAMA TIR-A11 - L/175 or L/240 + 1/4" (6.4mm) - FOR SPANS GREATER THAN 13'-6" (4.1m) BUT LESS THAN 40'-0" (12.2m)
CODES AND SPECIFICATIONS MAY VARY, NO SINGLE LITE OF GLASS SHALL DEFLECT MORE THAN 3/4" (19.1mm)

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.

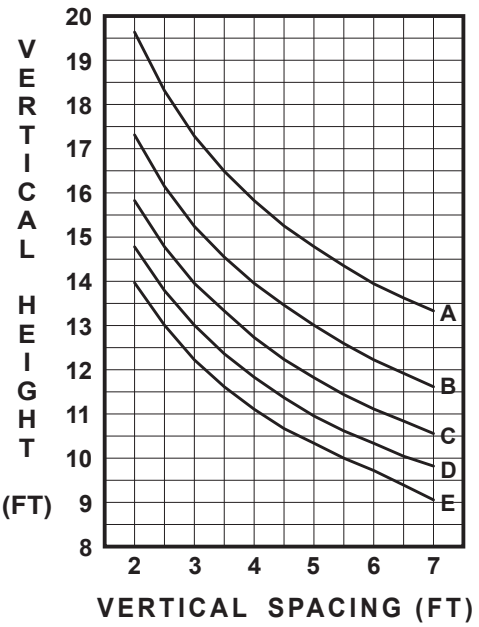
BE9-3942



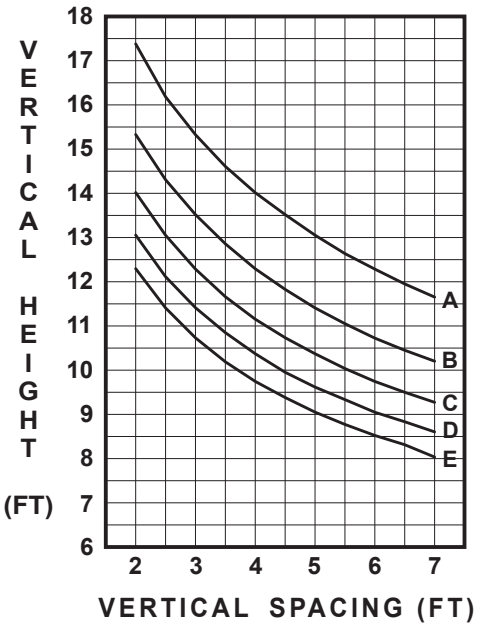


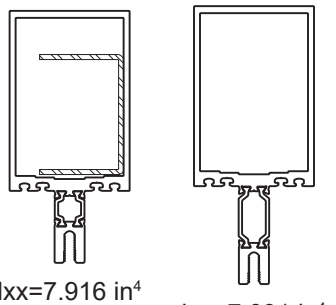
A=20 PSF (960 Pa)
B=30 PSF (1440 Pa)
C=40 PSF (1920 Pa)
D=50 PSF (2390 Pa)
E=60 PSF (2870 Pa)

BE9-3942 / E1-0196

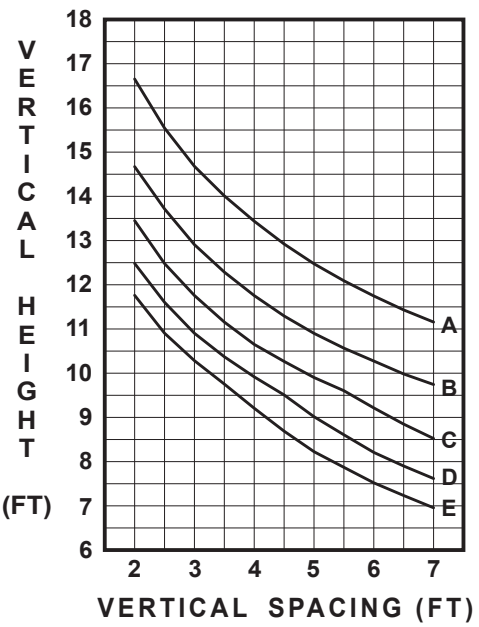


BE9-3942 / E1-0163



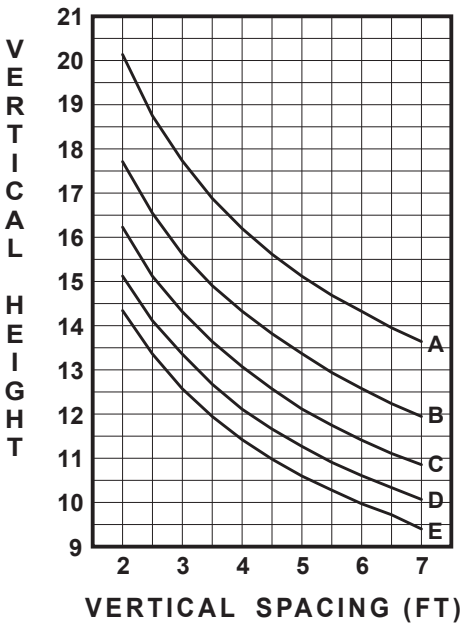


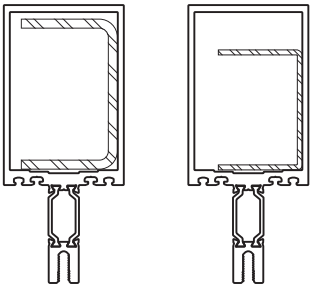
BE9-3916



WIND LOAD CHARTS FOR SINGLE SPAN APPLICATIONS

BE9-3949 / E1-0196

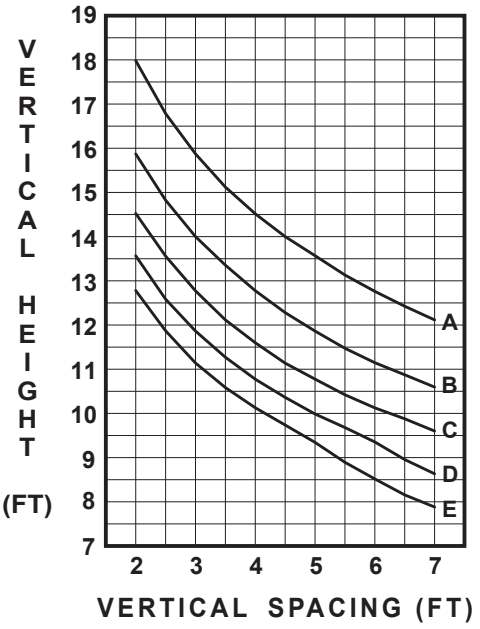




Ixx=11.715 in⁴ (487.61 cm⁴)

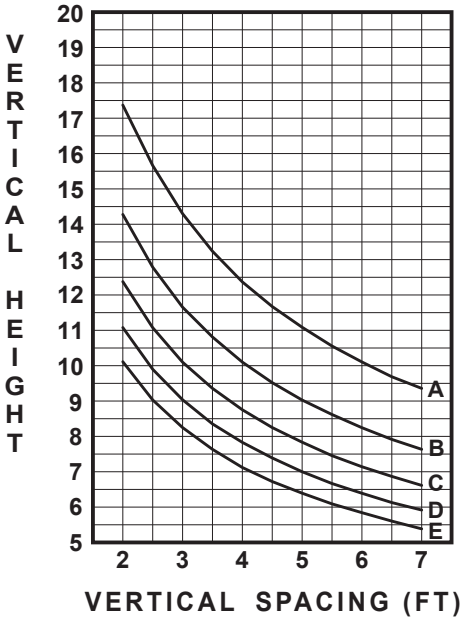
Ixx=6.382 in⁴ (265.64 cm⁴)

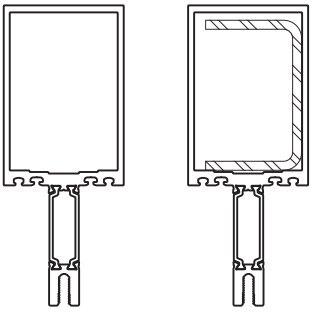
BE9-3949 / E1-0163



A=20 PSF (960 Pa)
B=30 PSF (1440 Pa)
C=40 PSF (1920 Pa)
D=50 PSF (2390 Pa)
E=60 PSF (2870 Pa)

BE9-3943

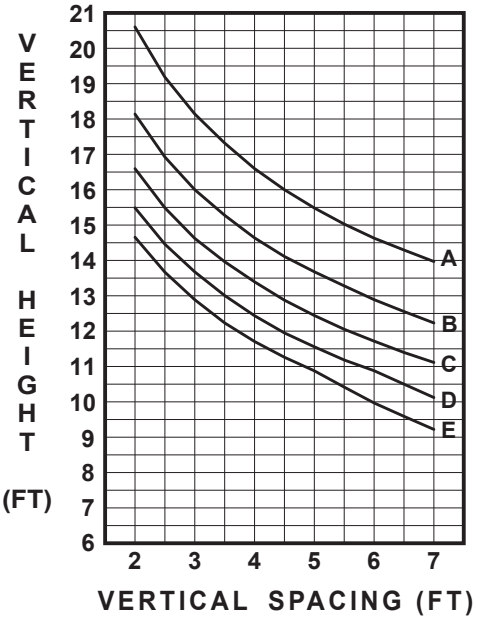




Ixx=8.118 in⁴ (337.90 cm⁴)

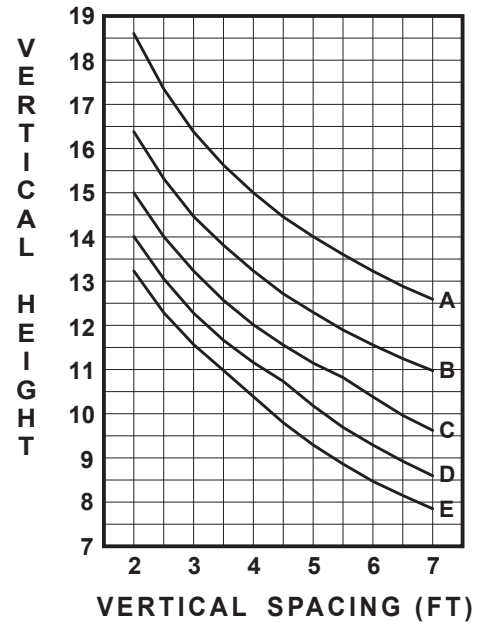
Ixx=13.454 in⁴ (560.00 cm⁴)

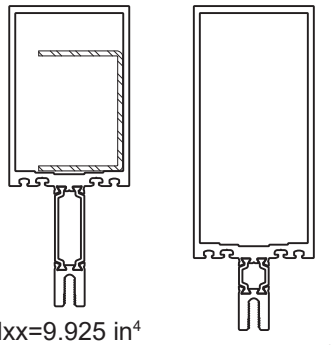
BE9-3943 / E1-0196



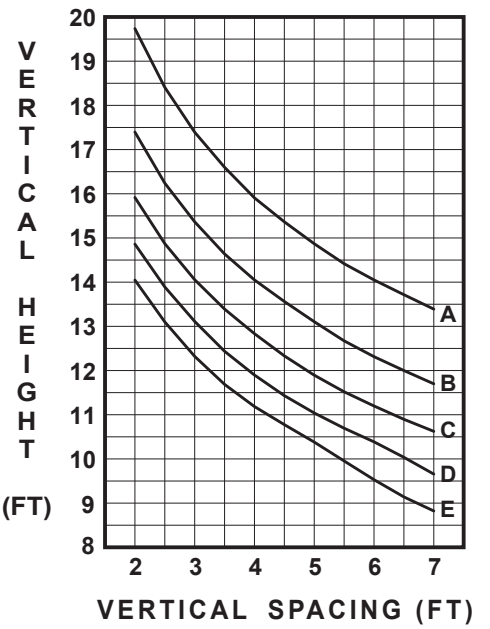
WIND LOAD CHARTS FOR SINGLE SPAN APPLICATIONS

BE9-3943 / E1-0163



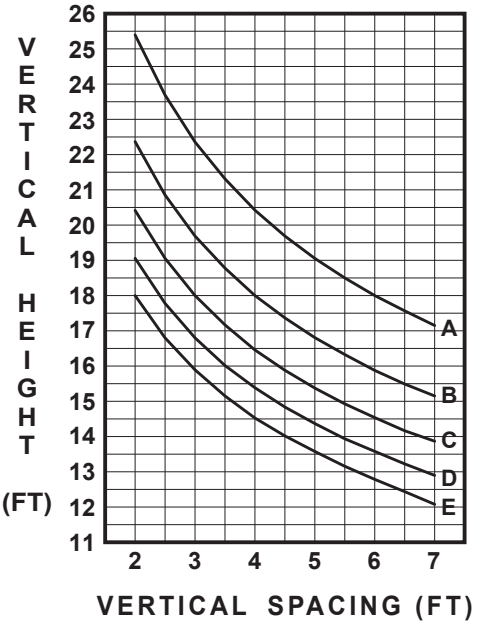


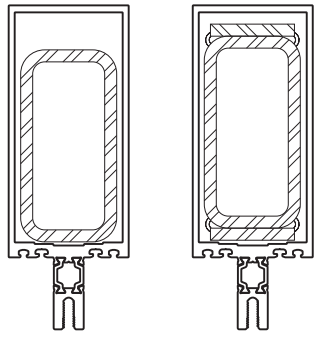
BE9-3901



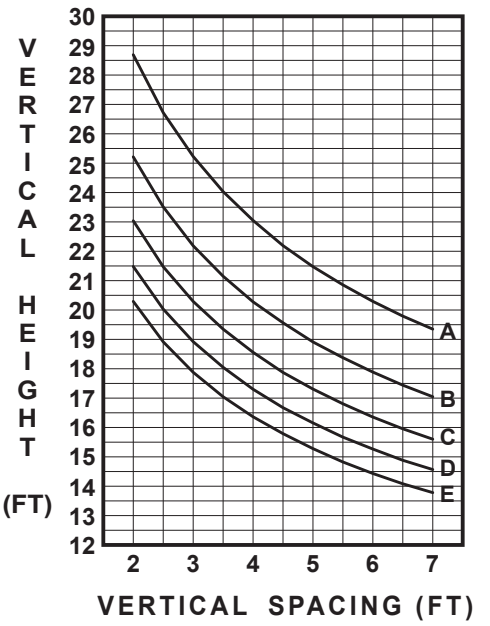
A=20 PSF (960 Pa)
B=30 PSF (1440 Pa)
C=40 PSF (1920 Pa)
D=50 PSF (2390 Pa)
E=60 PSF (2870 Pa)

BE9-3901 / E1-0162



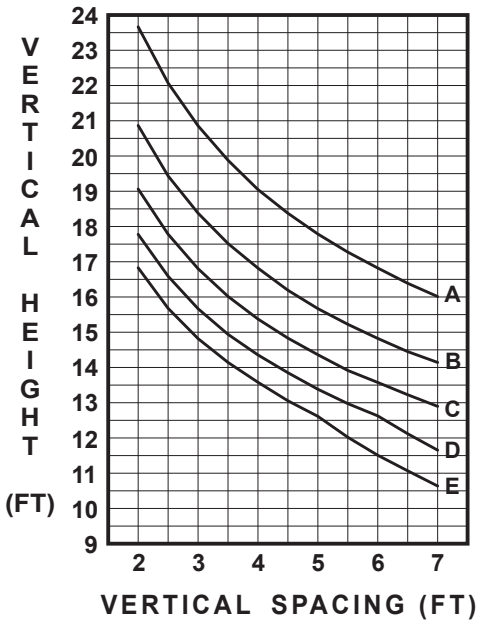


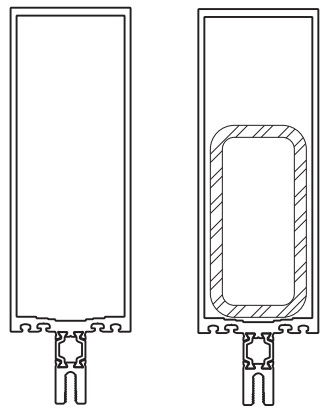
BE9-3901 / E1-0154



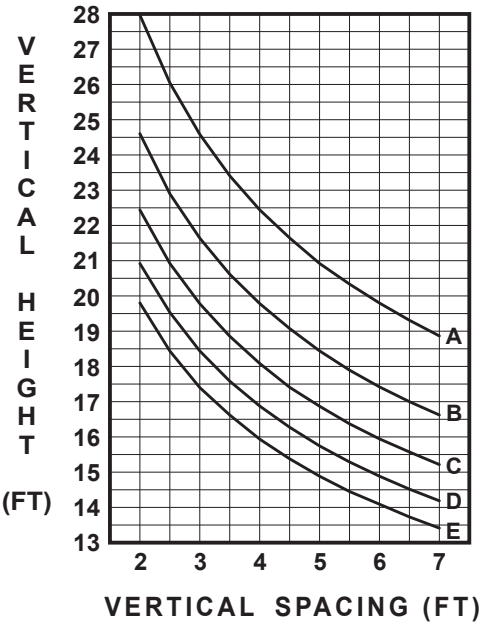
WIND LOAD CHARTS FOR SINGLE SPAN APPLICATIONS

BE9-3916



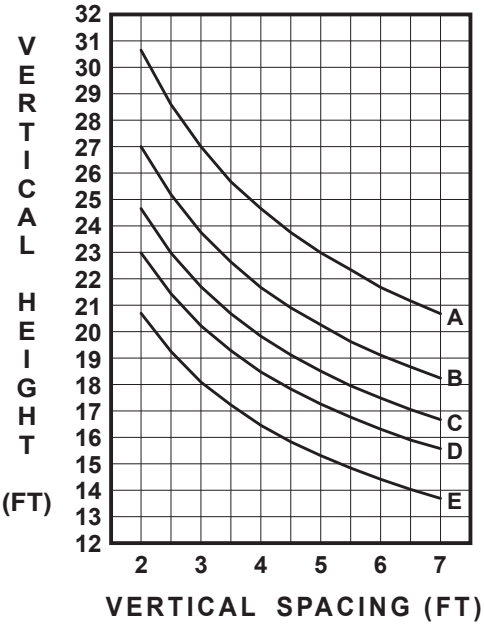


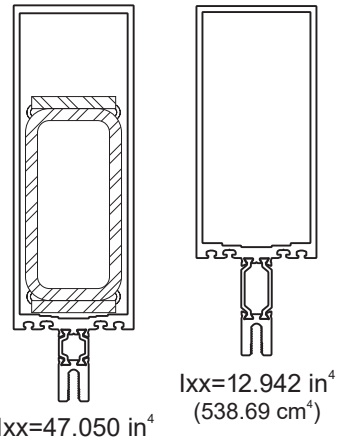
BE9-3916 / E1-0162



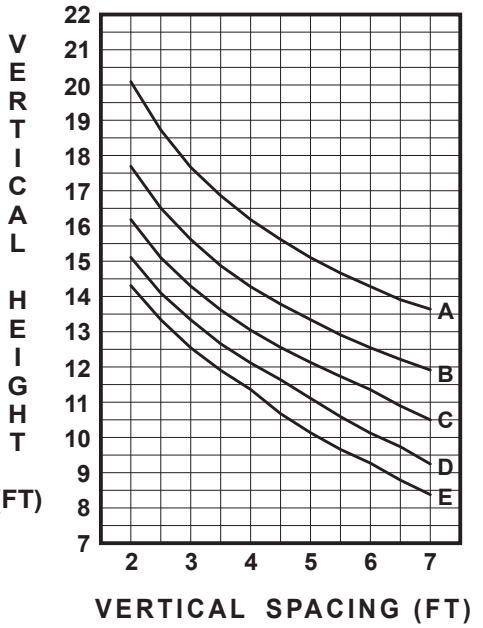
A=20 PSF (960 Pa)
B=30 PSF (1440 Pa)
C=40 PSF (1920 Pa)
D=50 PSF (2390 Pa)
E=60 PSF (2870 Pa)

BE9-3916 / E1-0154



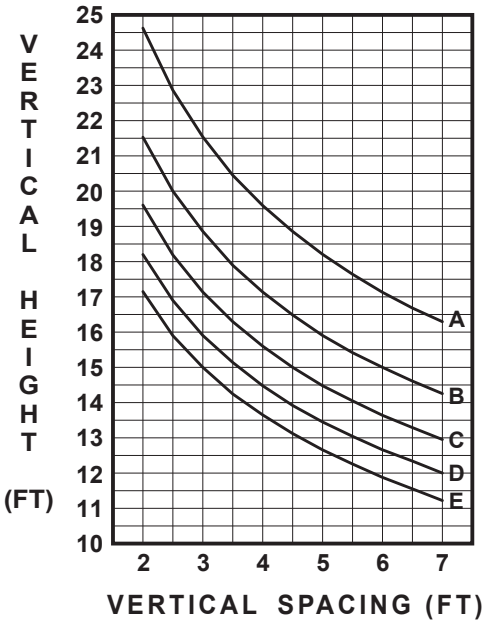


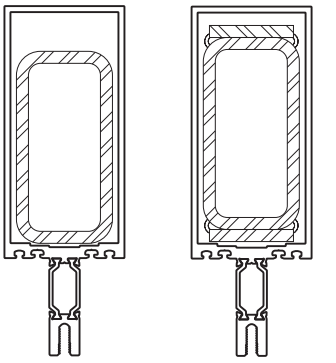
BE9-3922



WIND LOAD CHARTS FOR SINGLE SPAN APPLICATIONS

BE9-3922 / E1-0162

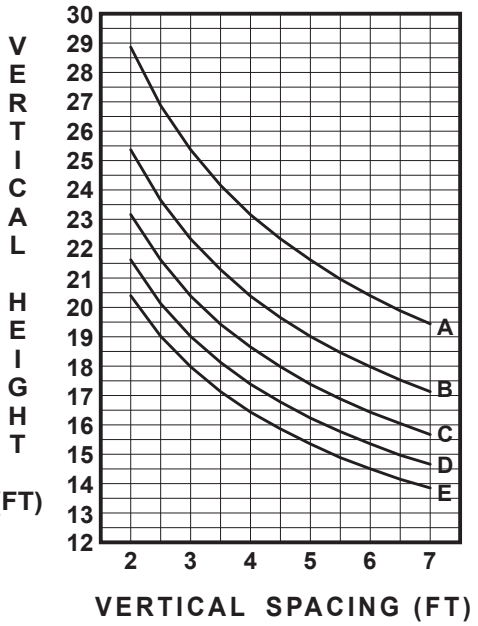




Ixx=26.555 in^4 (1105.29 cm^4)

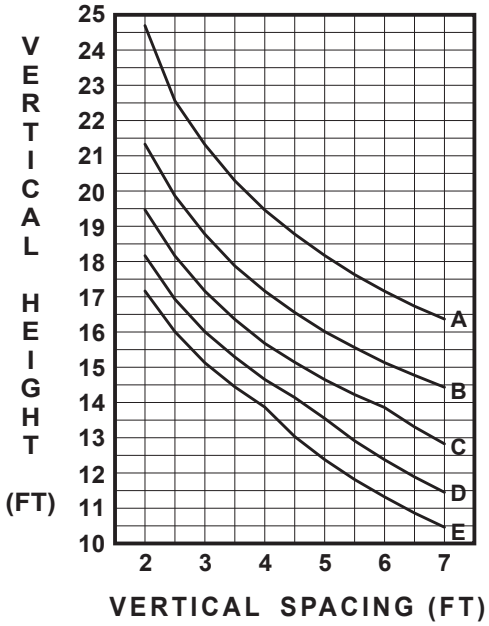
Ixx=38.079 in^4 (1584.98 cm^4)

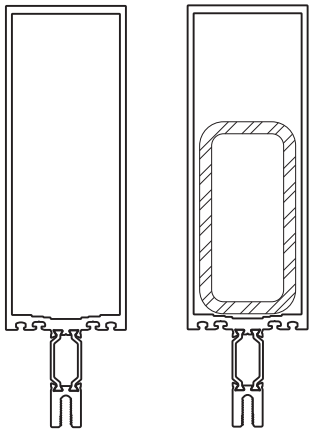
BE9-3922 / E1-0154



A=20 PSF (960 Pa)
B=30 PSF (1440 Pa)
C=40 PSF (1920 Pa)
D=50 PSF (2390 Pa)
E=60 PSF (2870 Pa)

BE9-3933

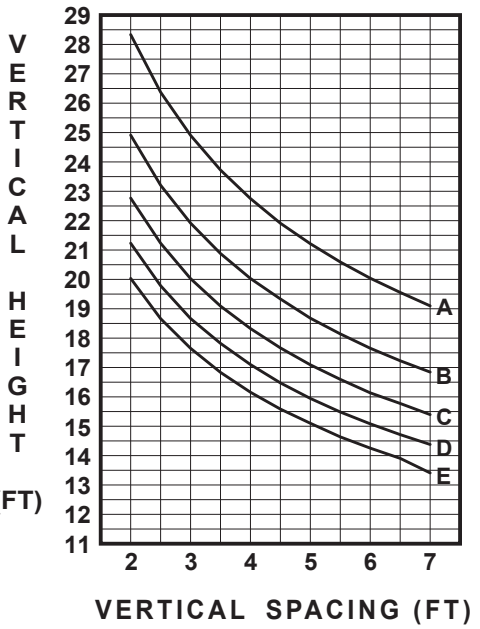




Ixx=23.471 in^4 (976.94 cm^4)

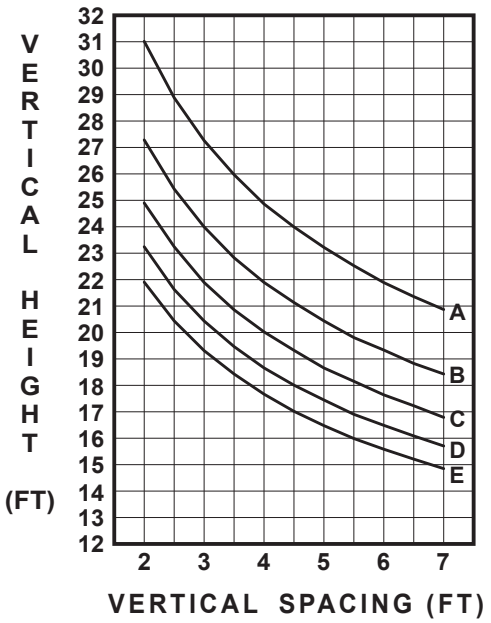
Ixx=37.084 in^4 (1543.54 cm^4)

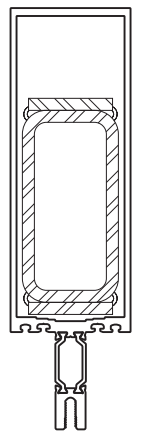
BE9-3933 / E1-0162



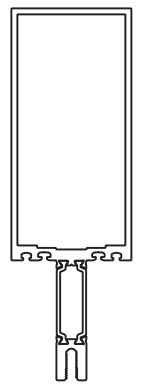
WIND LOAD CHARTS FOR SINGLE SPAN APPLICATIONS

BE9-3933 / E1-0154



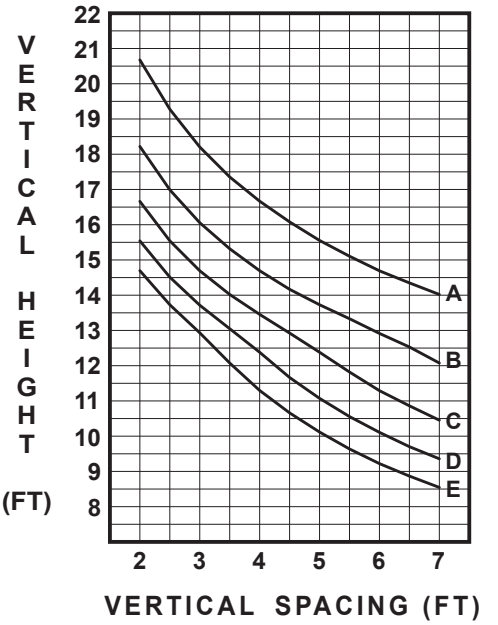


Ixx=48.608 in^4
(2023.23 cm^4)



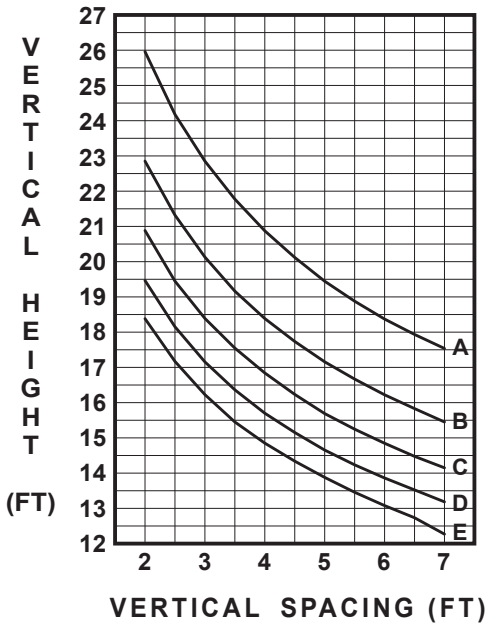
Ixx=14.199 in^4
(591.01 cm^4)

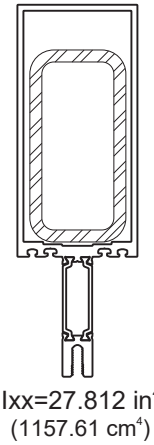
BE9-3925



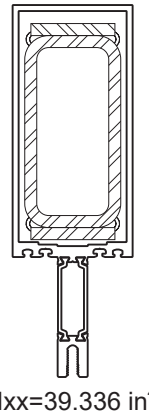
A=20 PSF (960 Pa)
B=30 PSF (1440 Pa)
C=40 PSF (1920 Pa)
D=50 PSF (2390 Pa)
E=60 PSF (2870 Pa)

BE9-3925 / E1-0162



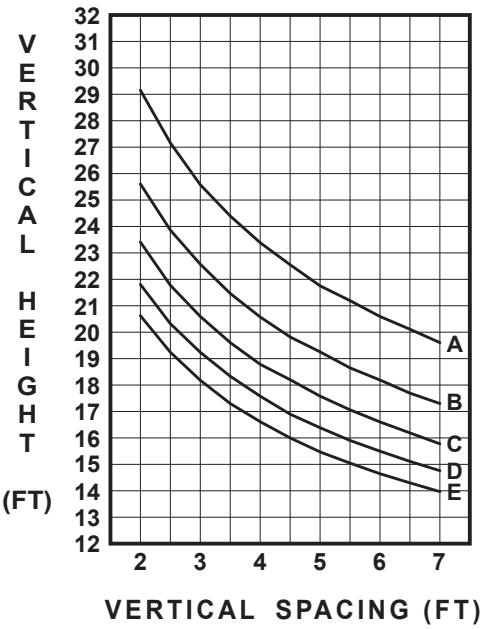


Ixx=27.812 in^4
(1157.61 cm^4)



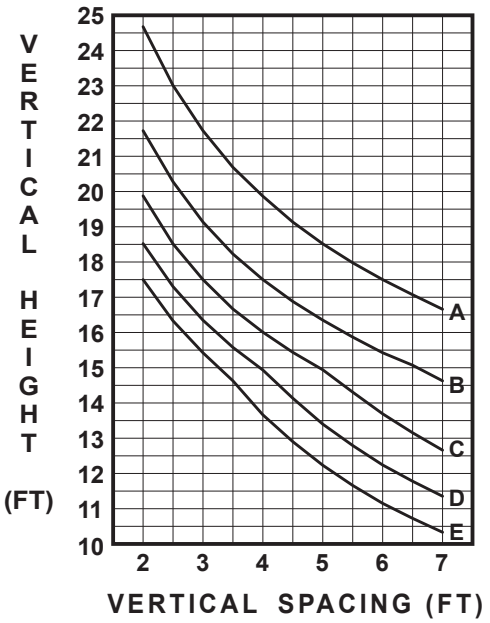
Ixx=39.336 in^4
(1637.30 cm^4)

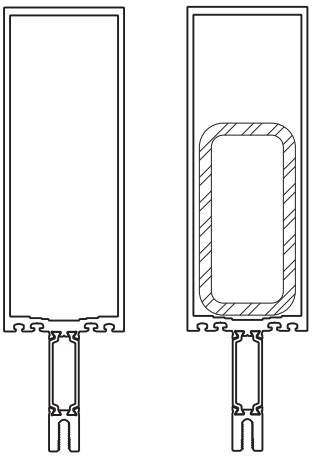
BE9-3925 / E1-0154



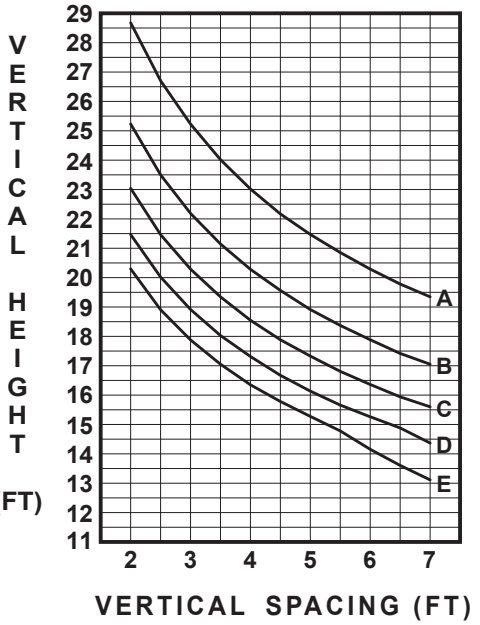
WIND LOAD CHARTS FOR SINGLE SPAN APPLICATIONS

BE9-3928





BE9-3928 / E1-0162



A=20 PSF (960 Pa)
B=30 PSF (1440 Pa)
C=40 PSF (1920 Pa)
D=50 PSF (2390 Pa)
E=60 PSF (2870 Pa)

BE9-3928 / E1-0154