

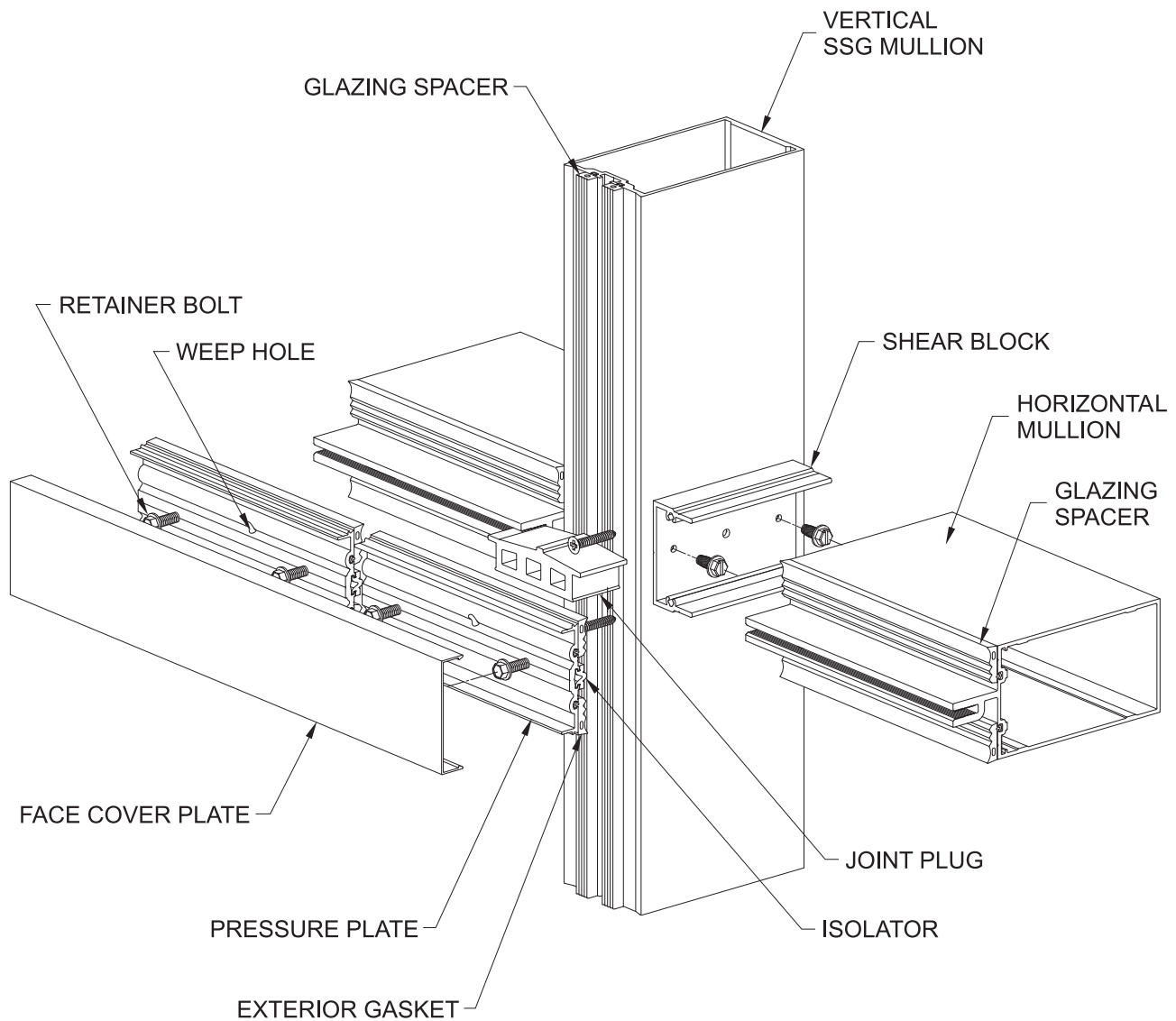
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HURRICANE RESISTANT & BLAST MITIGATING
CURTAIN WALL SYSTEM**

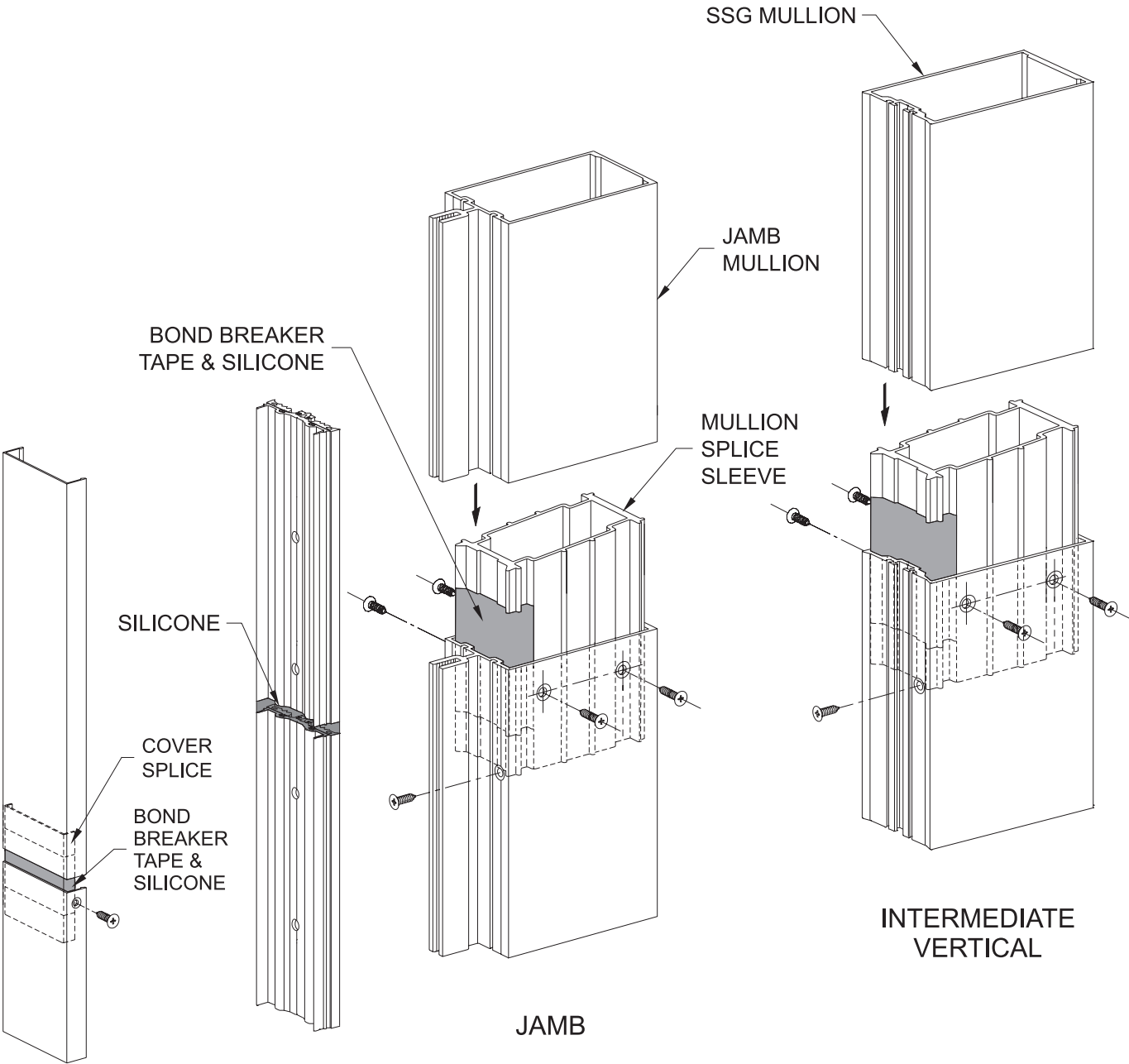
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*The latest installation instructions for this product are available at www.ykkap.com.

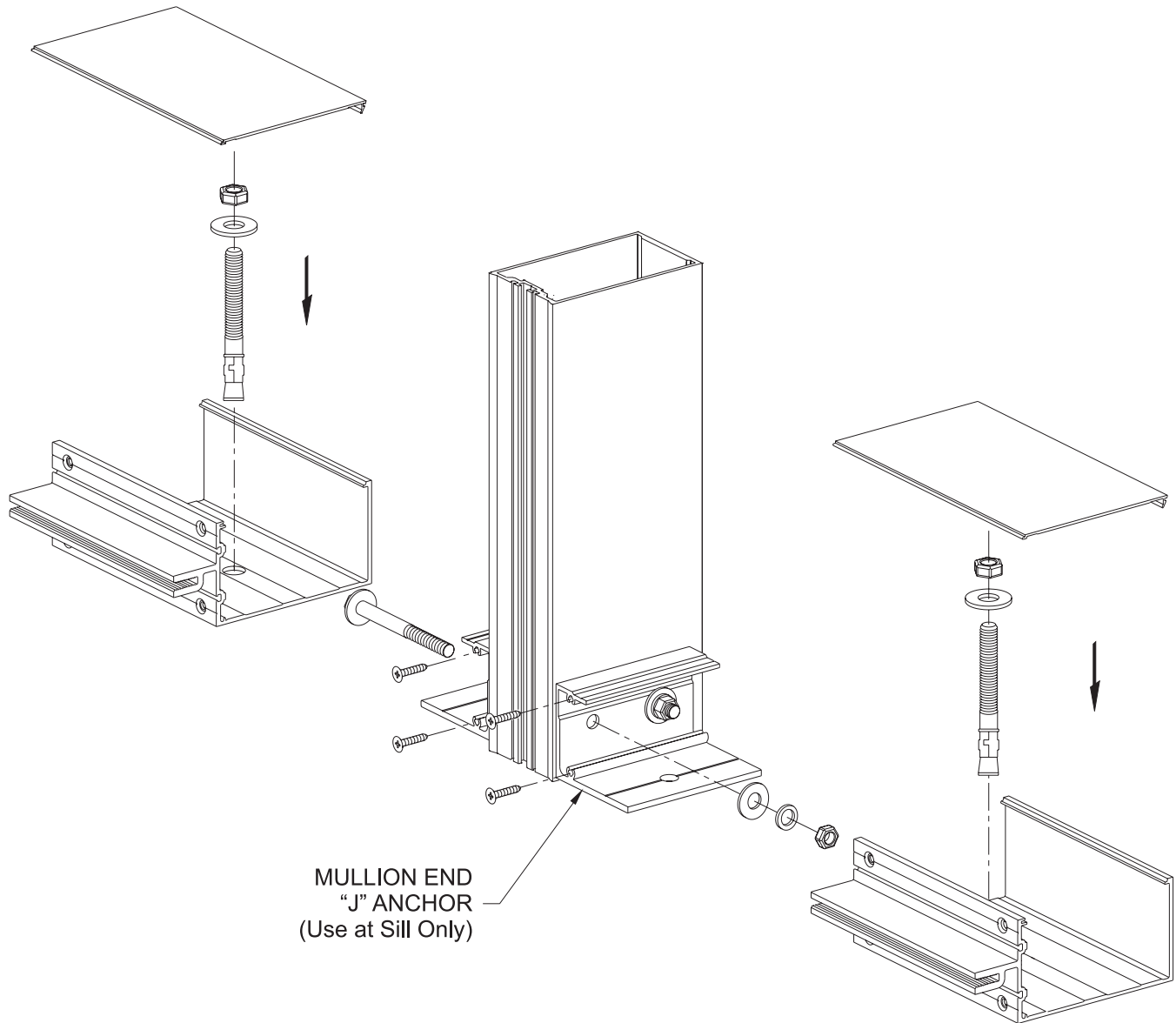
**YHC 300 SSG STRUCTURAL SILICONE GLAZED
HURRICANE RESISTANT CURTAIN WALL SYSTEM**



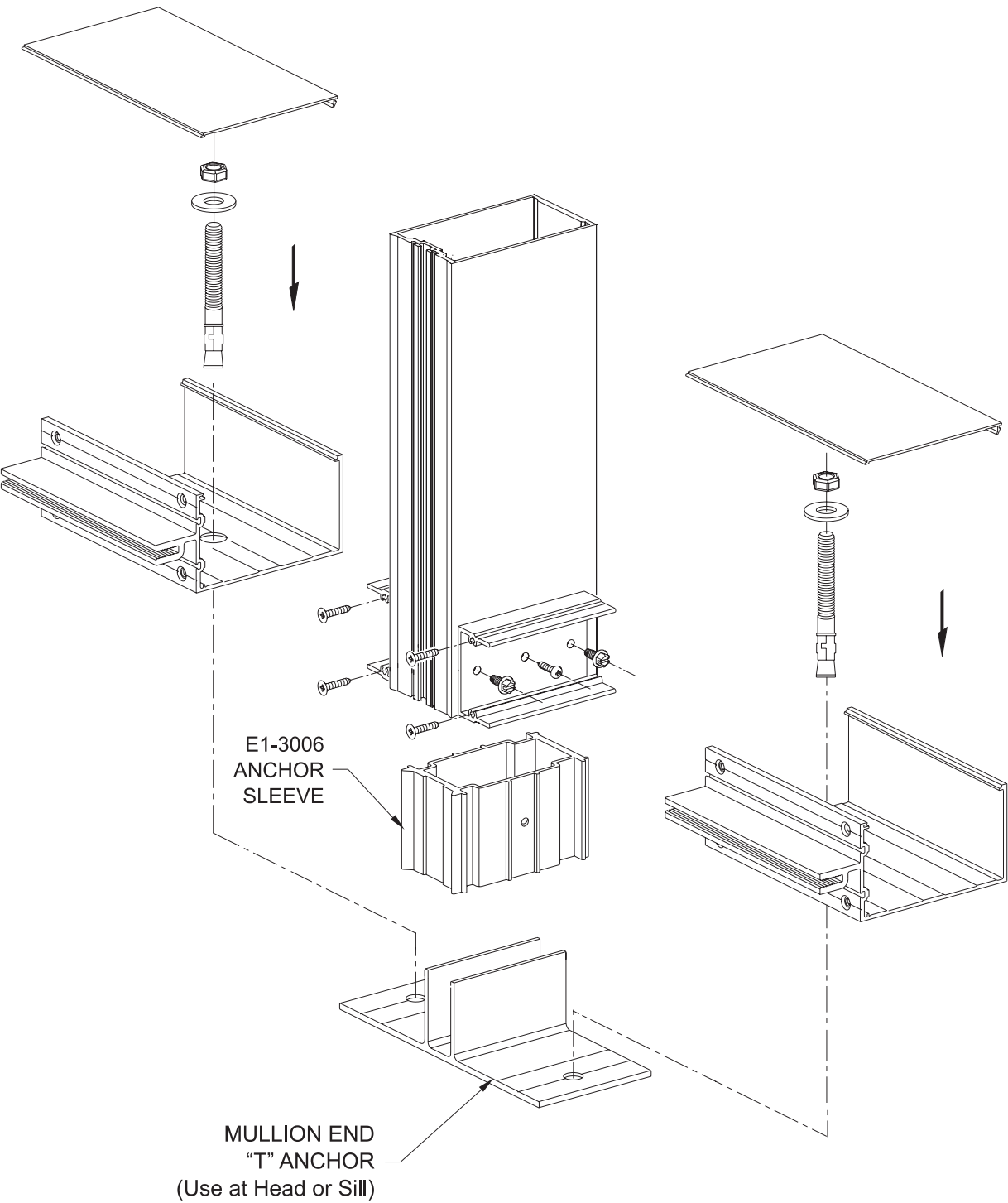
TYPICAL SPLICE CONDITION



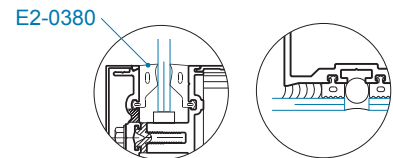
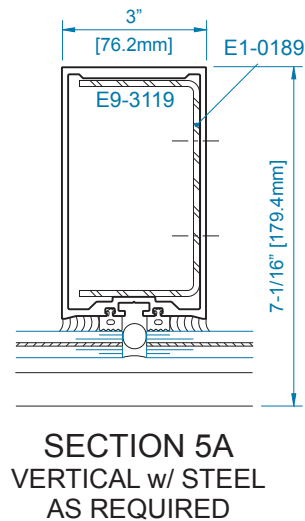
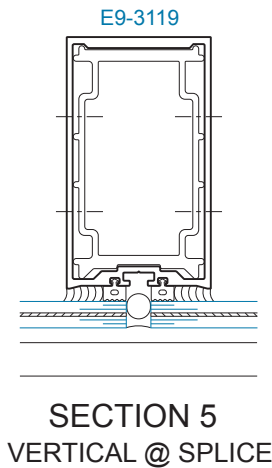
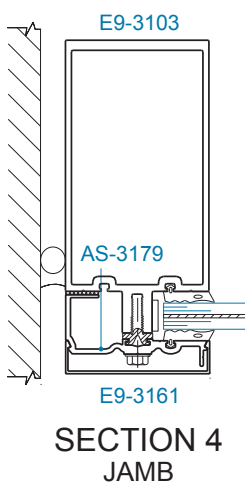
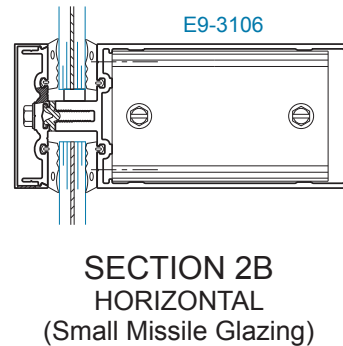
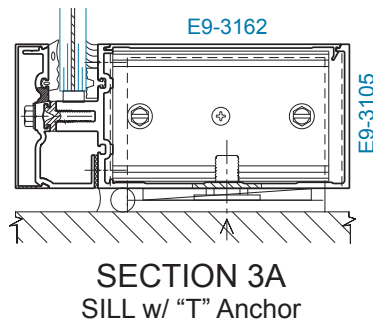
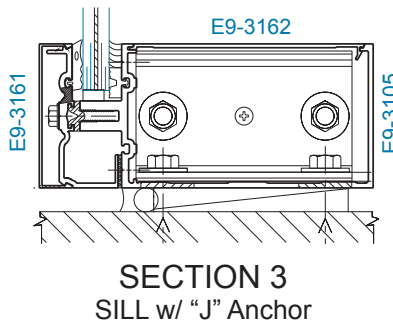
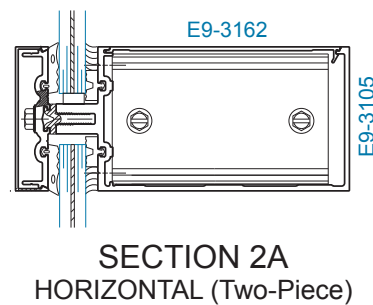
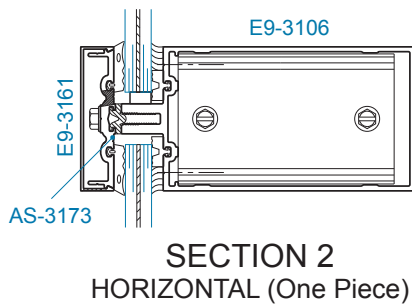
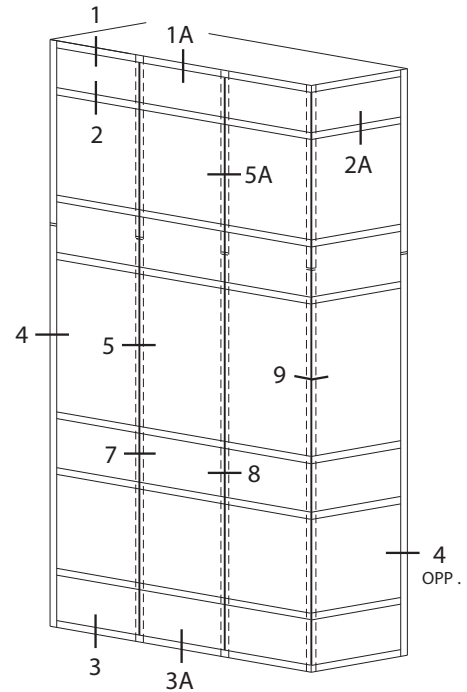
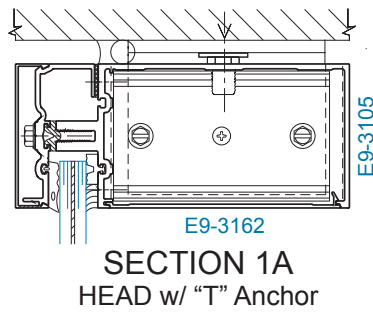
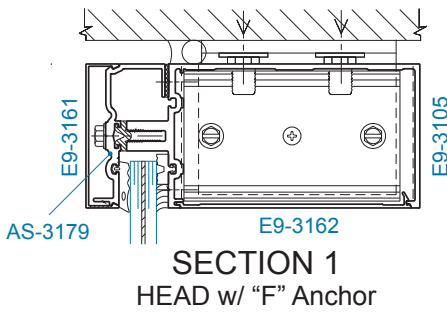
MULLION END “J” ANCHOR



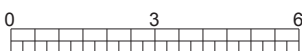
MULLION END “T” ANCHOR



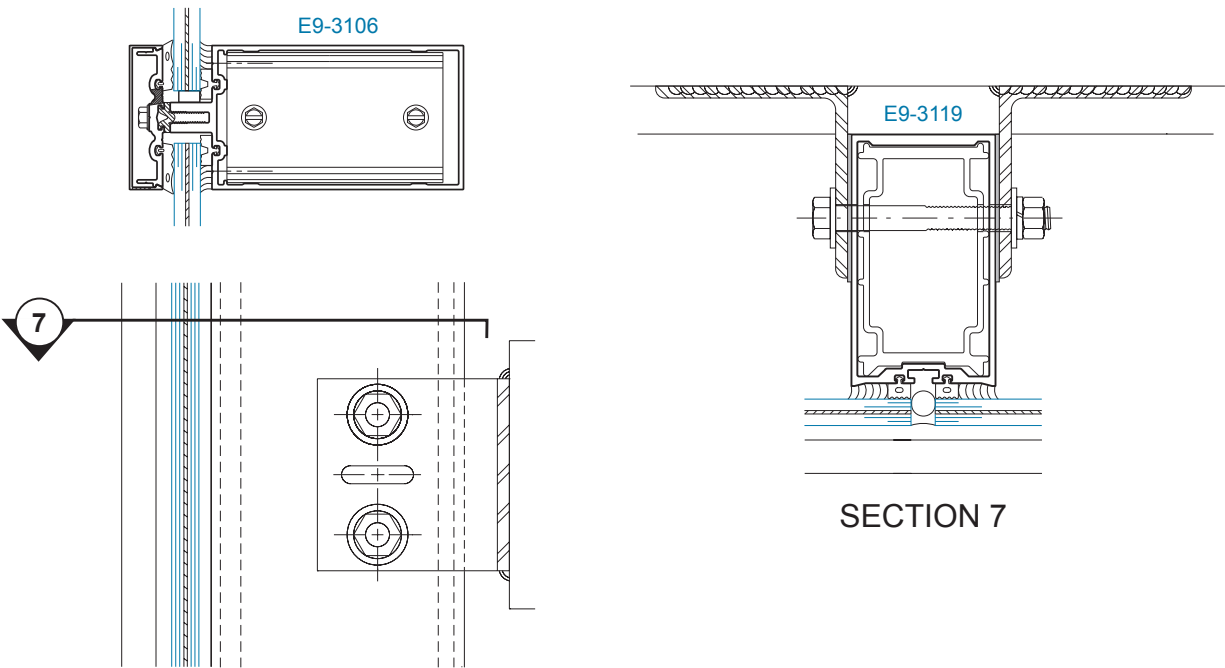
FRAMING MEMBERS FOR SINGLE GLAZING



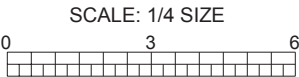
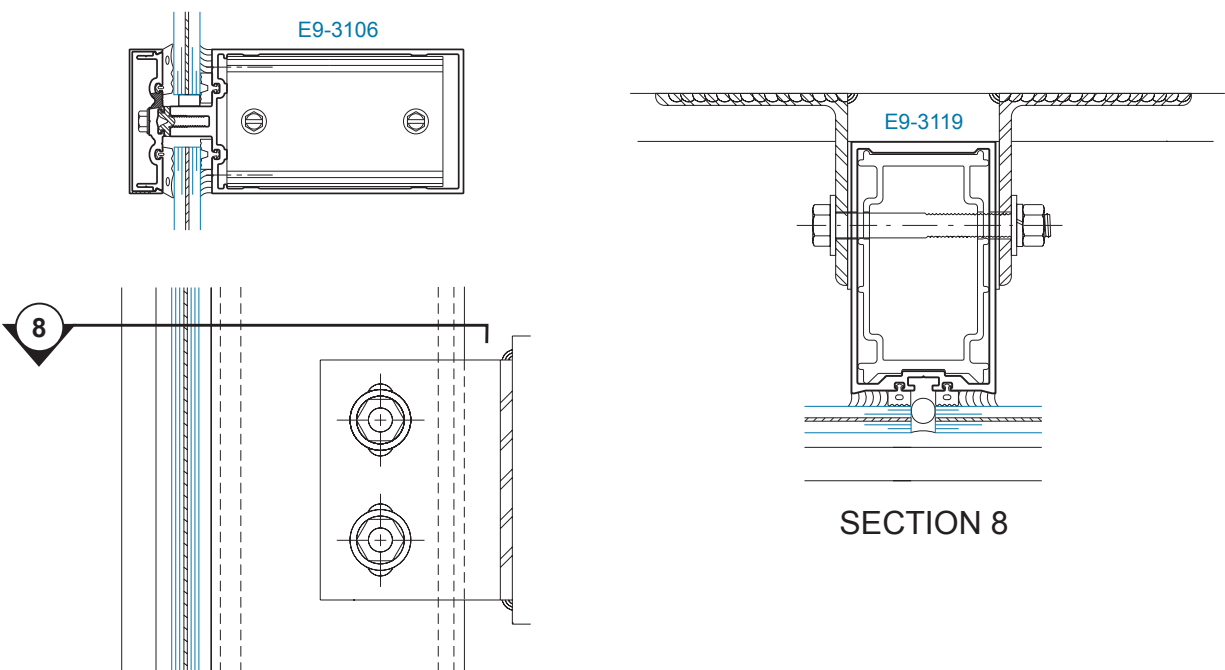
SCALE: 1/4 SIZE



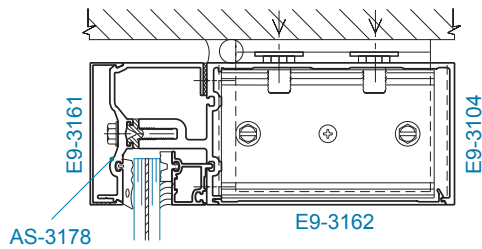
TYPICAL DEADLOAD ANCHOR



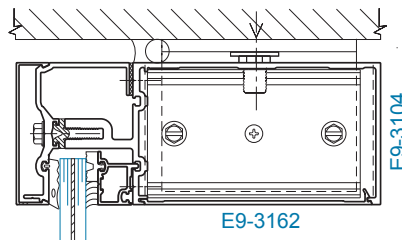
TYPICAL WINDLOAD ANCHOR



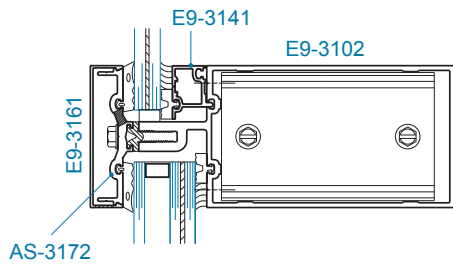
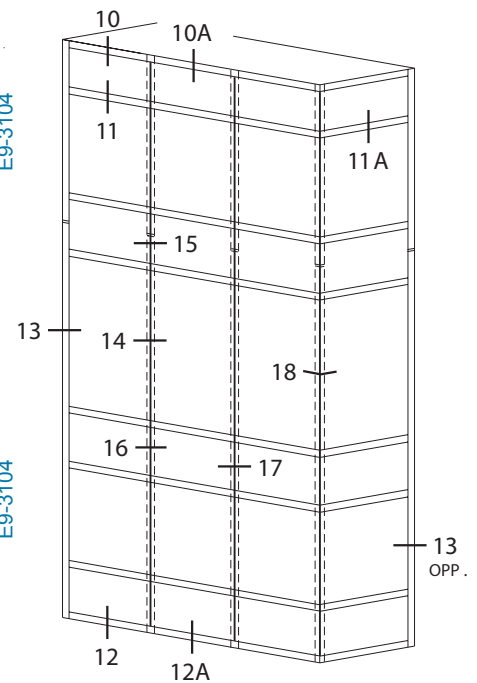
FRAMING MEMBERS FOR INSULATING GLAZING



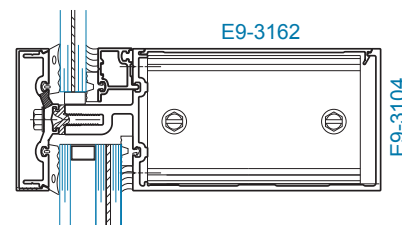
SECTION 10
HEAD w/ "F" Anchor



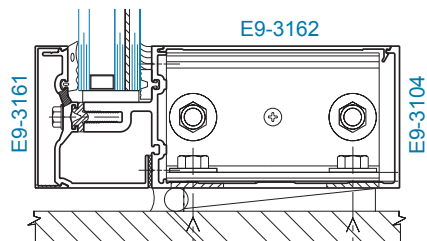
SECTION 10A
HEAD w/ "T" Anchor



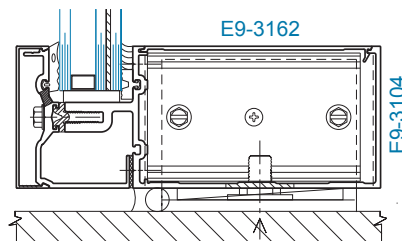
SECTION 11
HORIZONTAL (One Piece)



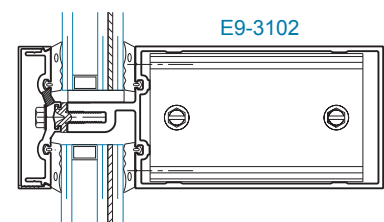
SECTION 11A
HORIZONTAL (Two-Piece)



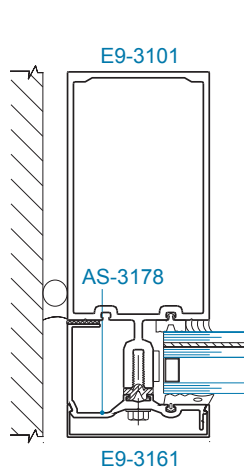
SECTION 12
SILL w/ "J" Anchor



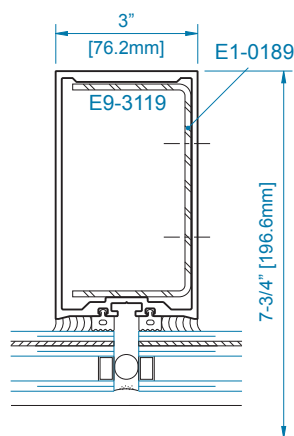
SECTION 12A
SILL w/ "T" Anchor



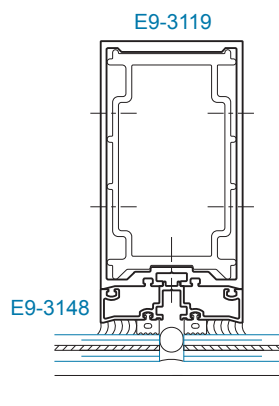
SECTION 11B
HORIZONTAL
(Small Missile Glazing)



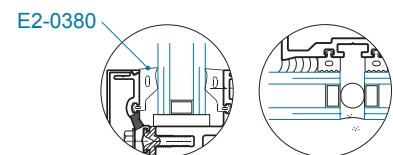
SECTION 13
JAMB



SECTION 14
VERTICAL w/ STEEL
AS REQUIRED

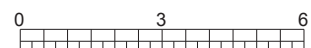


SECTION 15
VERTICAL @ SPLICE

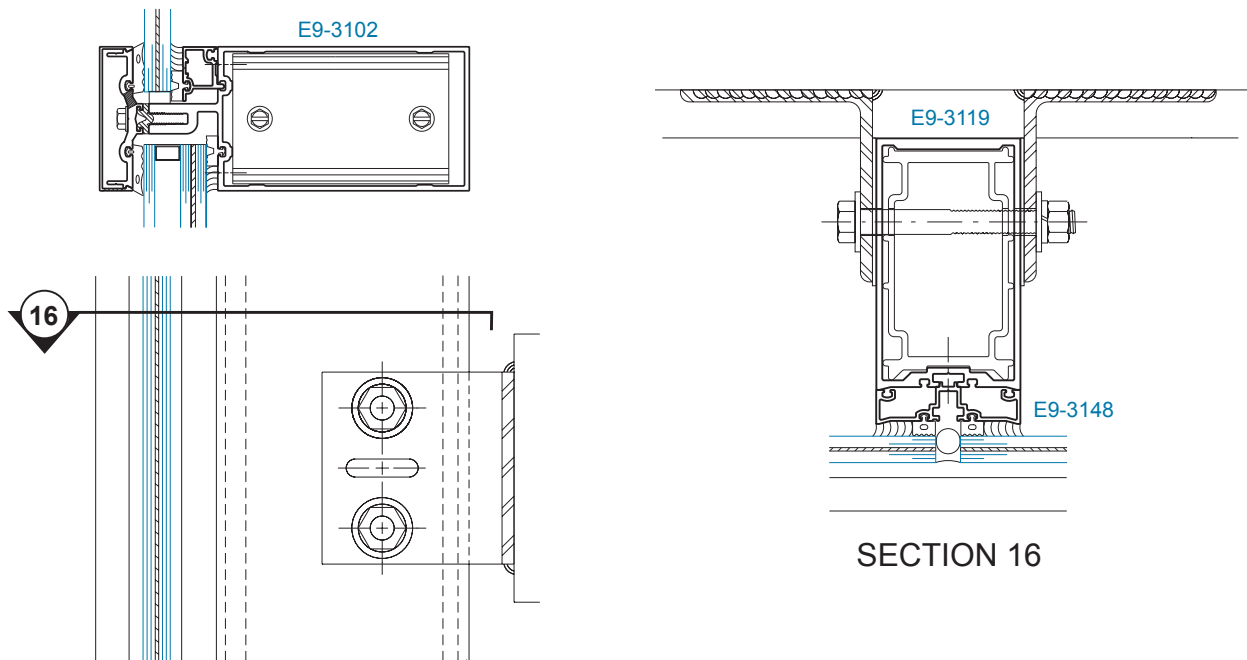


OPTIONAL 1" GLAZING
(For Non-Impact Conditions)

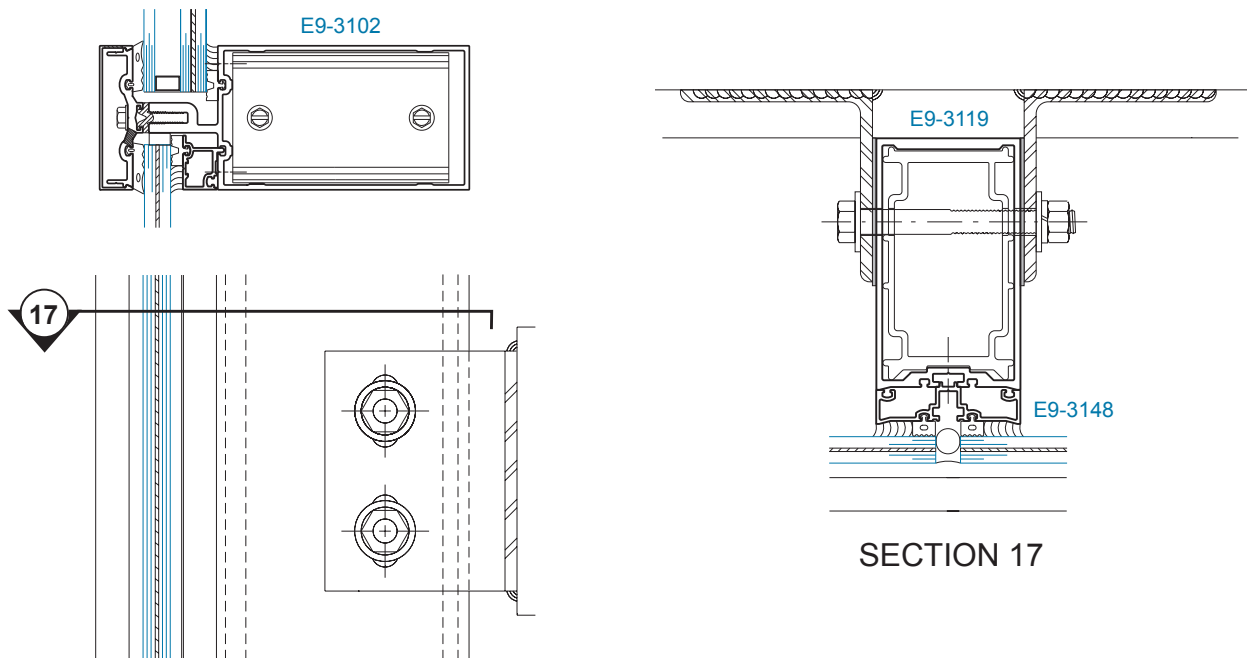
SCALE: 1/4 SIZE



TYPICAL DEADLOAD ANCHOR



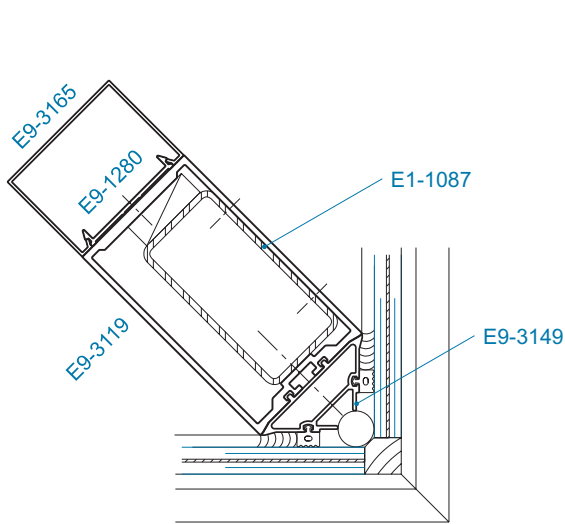
TYPICAL WINDLOAD ANCHOR



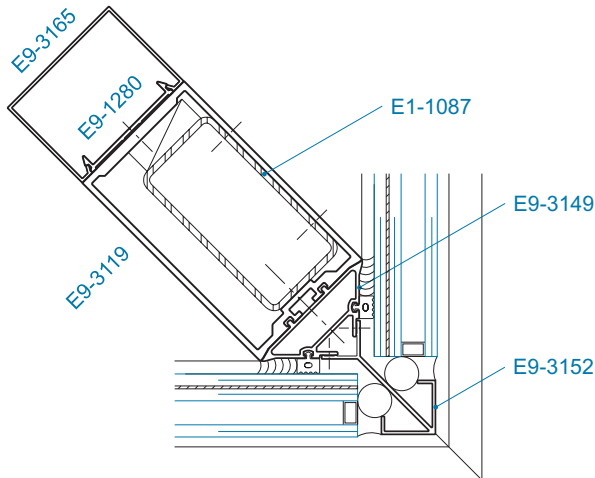
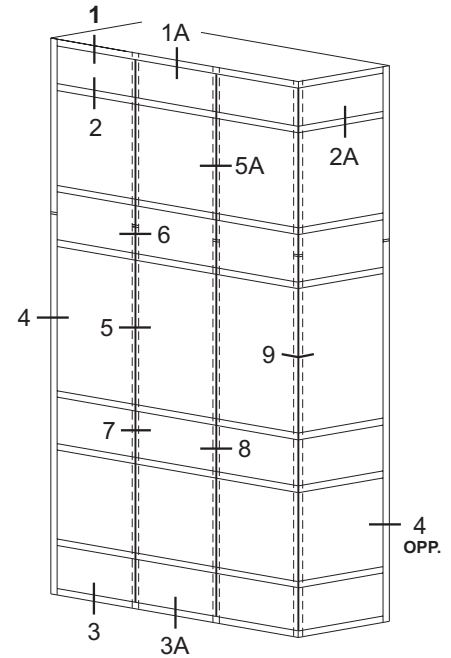
SCALE: 1/4 SIZE



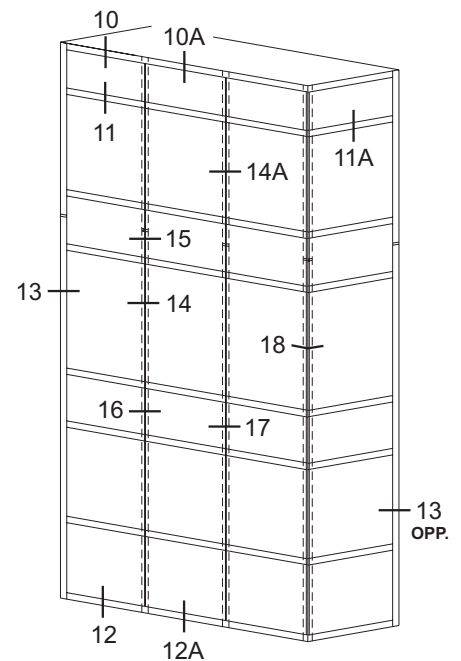
CORNER FRAMING MEMBERS



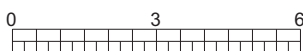
SECTION 9
90° OUTSIDE CORNER
SINGLE GLAZING
(w/ Steel As Required)



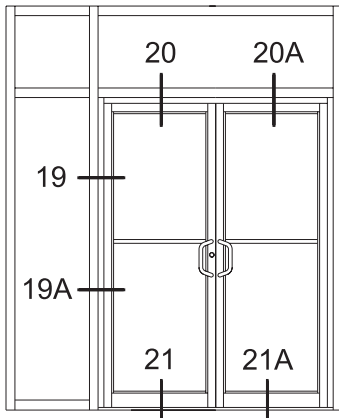
SECTION 18
90° OUTSIDE CORNER
INSULATED GLAZING
(w/ Steel As Required)



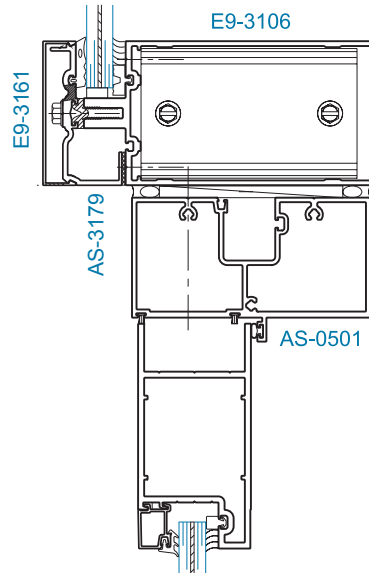
SCALE: 1/4 SIZE



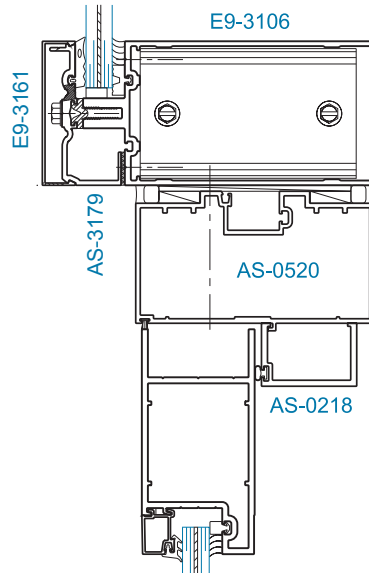
DOOR FRAMING MEMBERS FOR SINGLE GLAZING



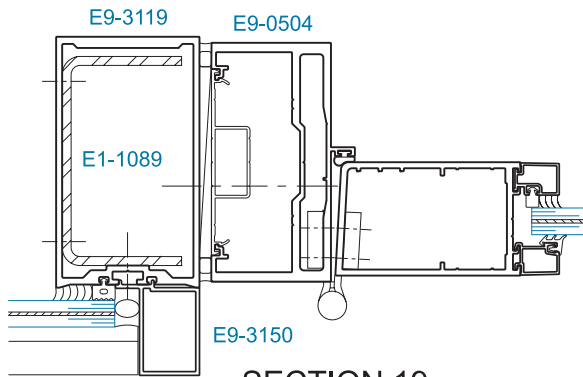
35H PAIR DOORS SHOWN



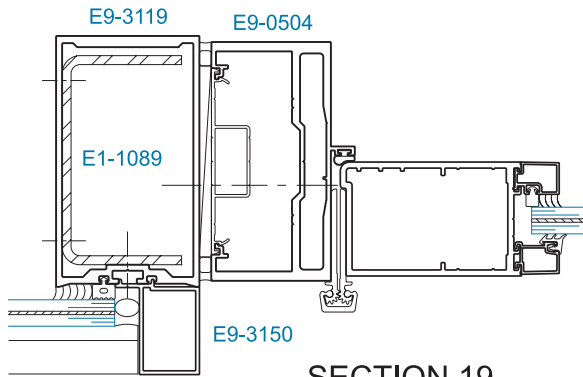
SECTION 20
STANDARD
TRANSOM BAR



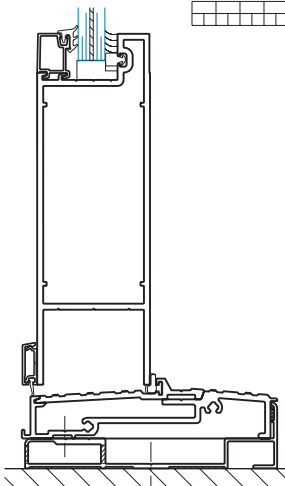
SECTION 20A
OHCC
TRANSOM BAR



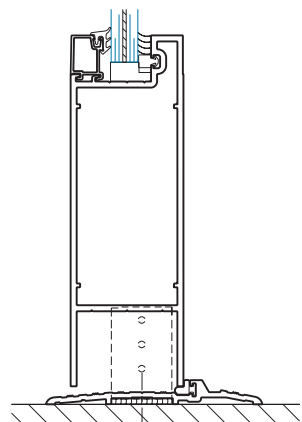
SECTION 19
DOOR JAMB
w/ BUTT HINGE



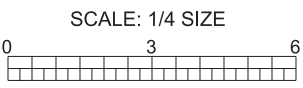
SECTION 19
DOOR JAMB
w/ CONTINUOUS HINGE



SECTION 21*
WATER RESISTANT
THRESHOLD

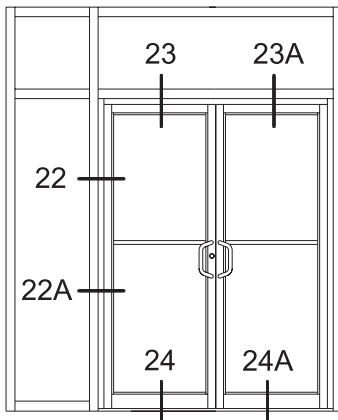


SECTION 21A**
AIR TIGHT THRESHOLD
** NOT APPROVED
FOR DADE COUNTY

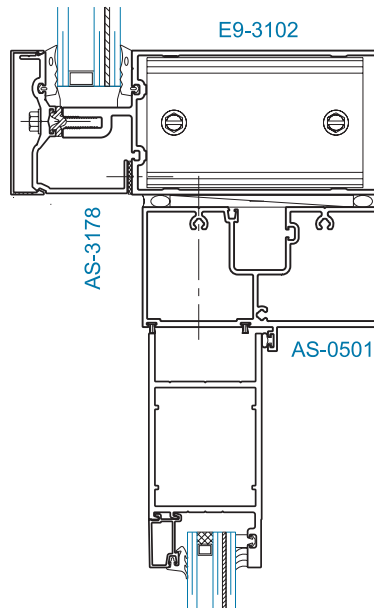


* Frames that employ the water resistant threshold, E9-0502, and are designated as ADA entrances, require a 1:12 slope ramp. For information contact YKK AP or ADA.

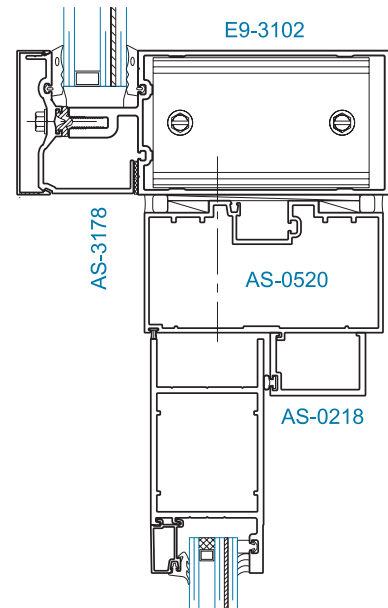
DOOR FRAMING MEMBERS FOR INSULATING GLAZING



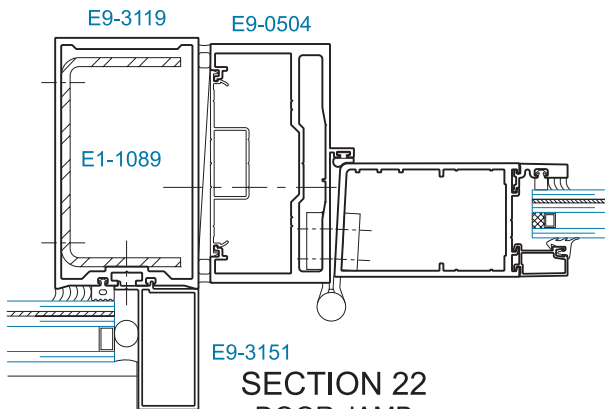
35H PAIR DOORS SHOWN



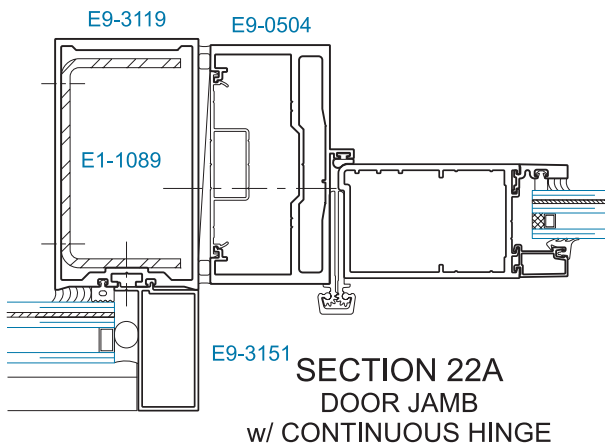
SECTION 23
STANDARD
TRANSOM BAR



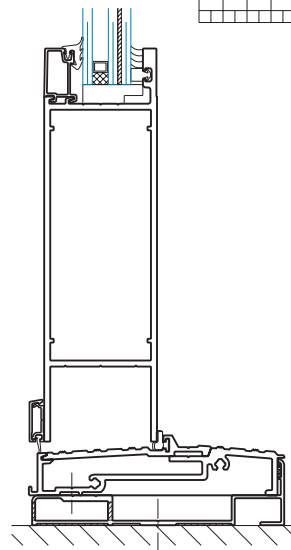
SECTION 23A
OHCC
TRANSOM BAR



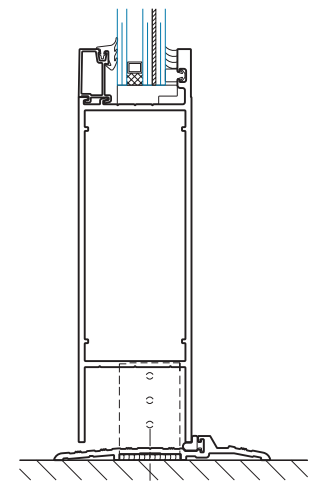
SECTION 22
DOOR JAMB
w/ BUTT HINGE



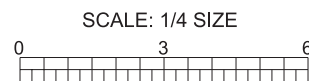
SECTION 22A
DOOR JAMB
w/ CONTINUOUS HINGE



SECTION 24*
WATER RESISTANT
THRESHOLD



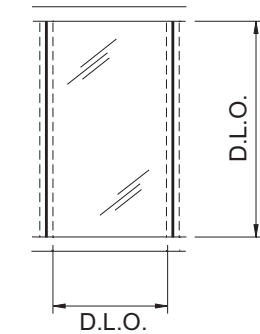
SECTION 24A**
AIR TIGHT THRESHOLD
** NOT APPROVED
FOR DADE COUNTY



* Frames that employ the water resistant threshold, E9-0502, and are designated as ADA entrances, require a 1:12 slope ramp. For information contact YKK AP or ADA.

SIZE LIMITATIONS

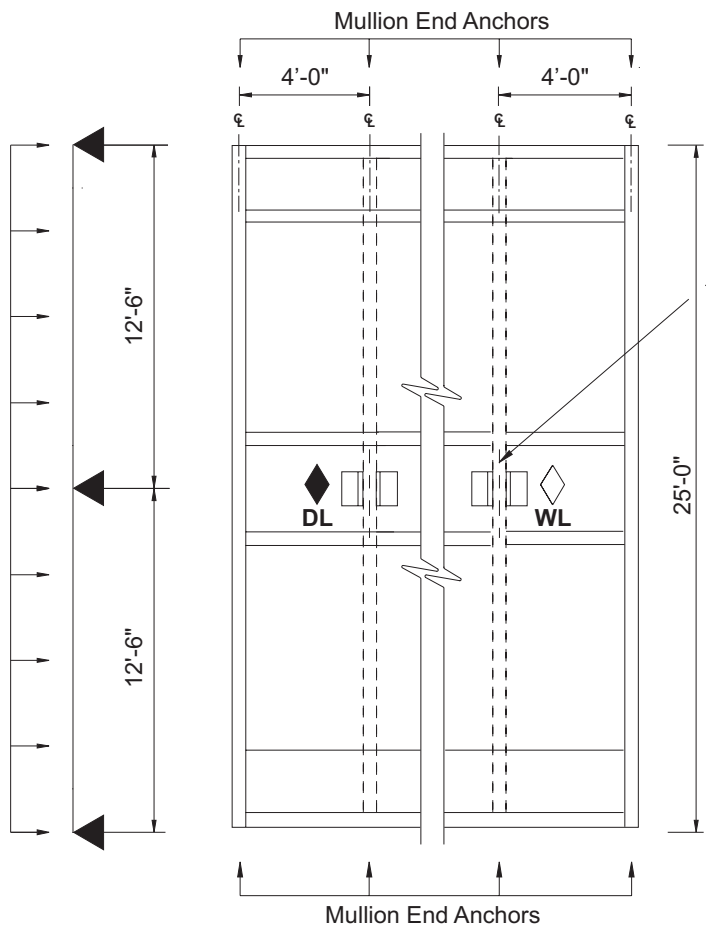
Dade County Applications:



See Dade County NOA or Florida Product Approval for maximum daylight opening.

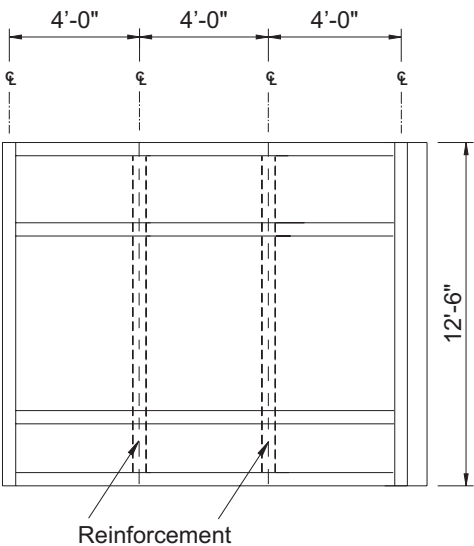
The maximum* twin span of 25'-0" has a reinforcement sleeve, E1-3007, attached at midpoint. Reinforcement is anchored with wind load or dead load anchors midway.

* Maximum anodized length is 24'-0".



TWIN SPAN

Midspan
reinforcement



SINGLE SPAN

For continuous mullions with either twin spans or unequal spans with uniformly distributed load on multiple anchors, consult YKK AP.

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)

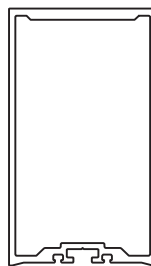
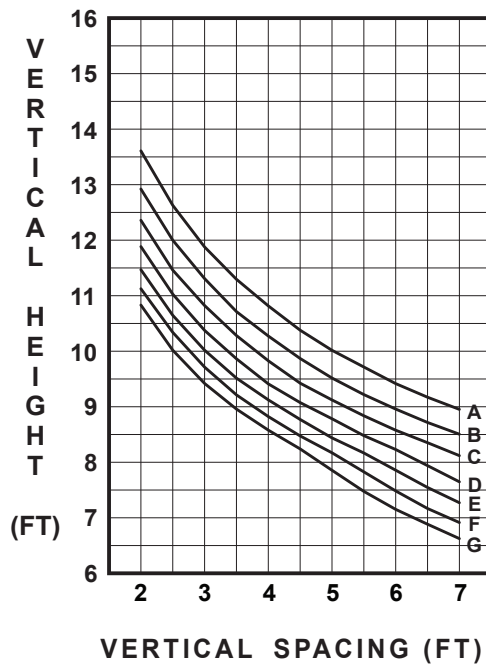
CODES AND SPECIFICATIONS MAY VARY, NO SINGLE LITE OF GLASS SHALL DEFLECT MORE THAN 3/4" (19.1mm)

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.

E9-3119



$I_{xx} = 9.913 \text{ in}^4$
(412.6 cm^4)

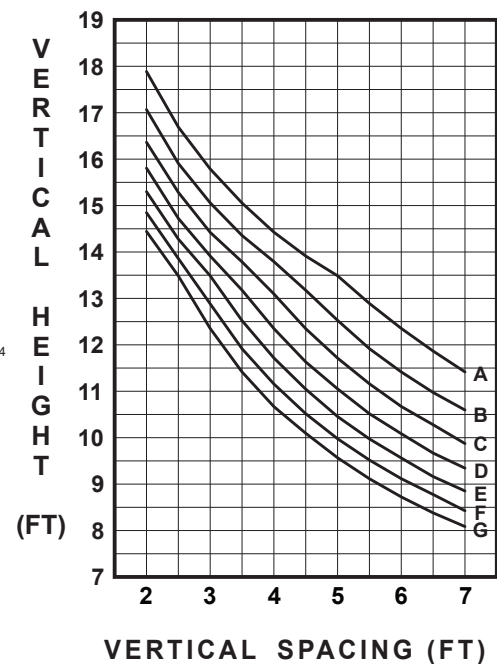


$I_{xx} = 24.158 \text{ in}^4$
(1005.5 cm^4)

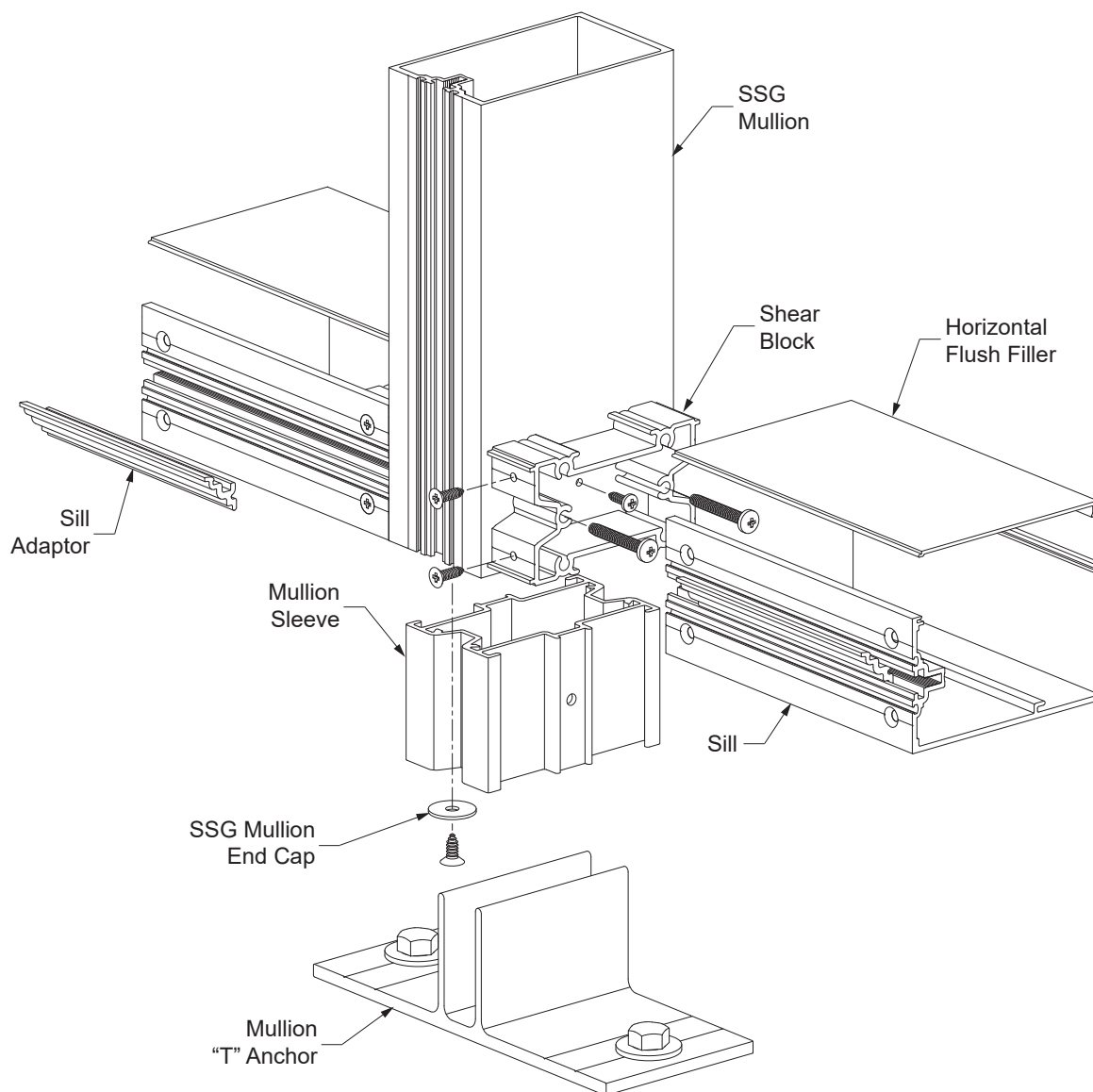
A = 60 PSF (2870 Pa)
B = 70 PSF (3350 Pa)
C = 80 PSF (3830 Pa)
D = 90 PSF (4310 Pa)
E = 100 PSF (4790 Pa)
F = 110 PSF (5270 Pa)
G = 120 PSF (5750 Pa)

REFER TO FLORIDA PRODUCT APPROVALS FOR FRAME SIZE LIMITATIONS

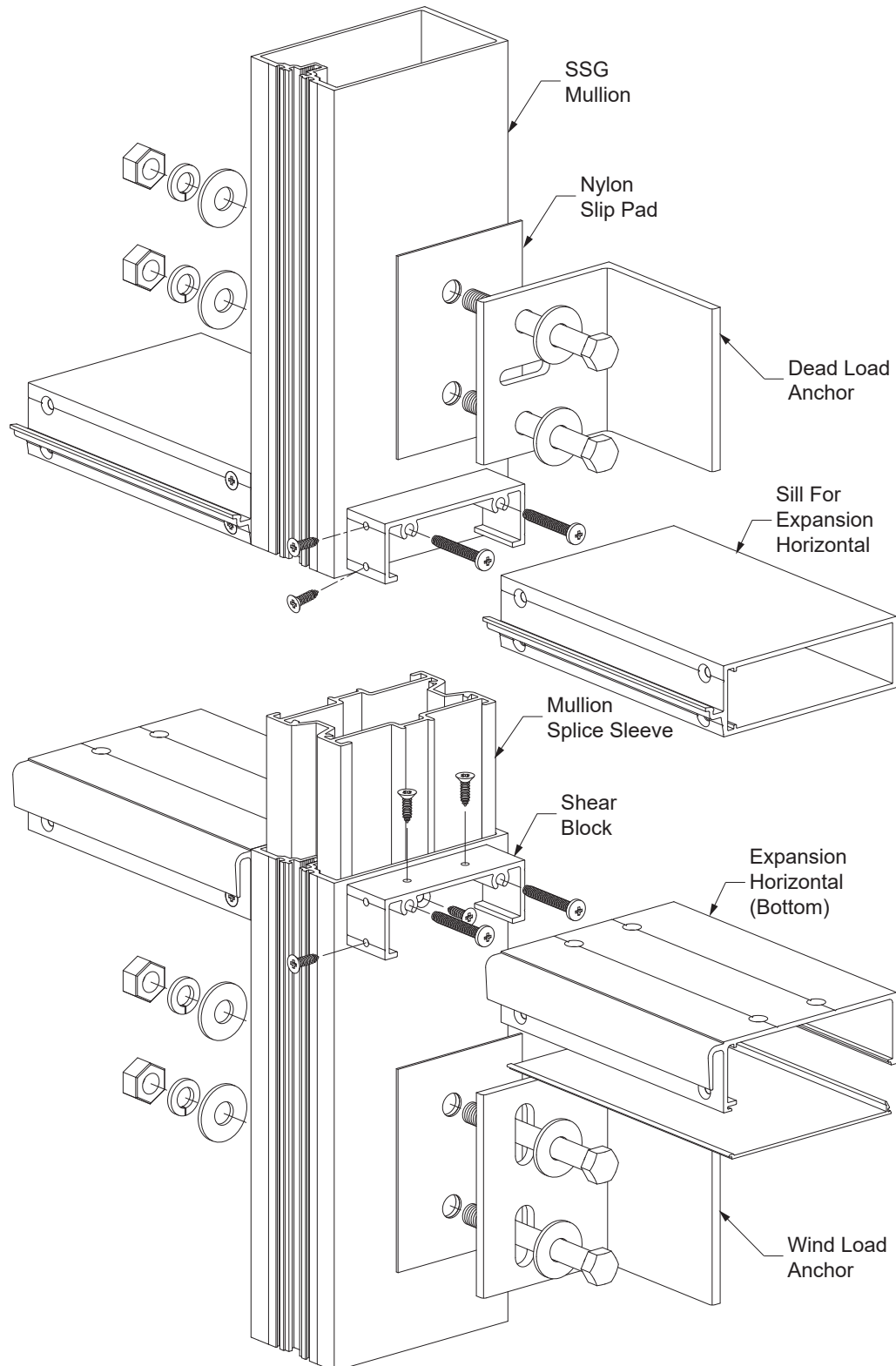
E9-3119 / E1-0189



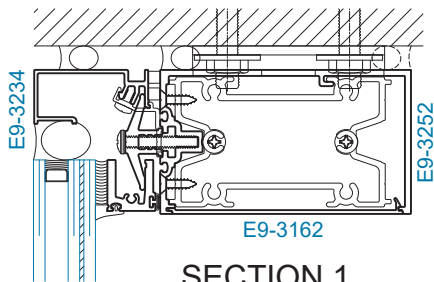
YHC 300 SSG STRUCTURAL SILICONE GLAZED HURRICANE RESISTANT CURTAIN WALL SYSTEM 4-SIDED SSG SILL ANCHOR PICTORIAL



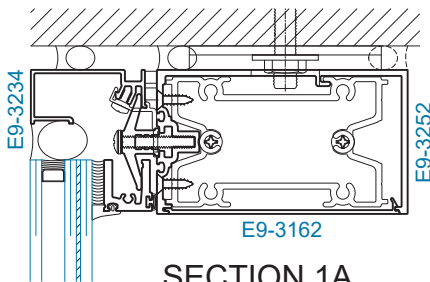
**YHC 300 SSG STRUCTURAL SILICONE GLAZED
HURRICANE RESISTANT CURTAIN WALL SYSTEM
4-SIDED SSG EXPANSION HORIZONTAL PICTORIAL**



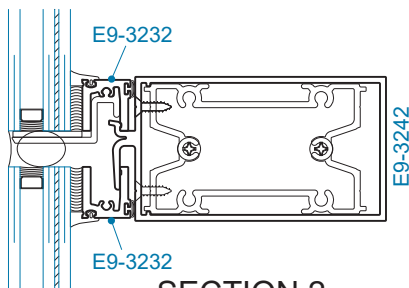
FRAMING MEMBERS FOR 4-SIDED SSG GASKETED
CASSETTE GLAZING



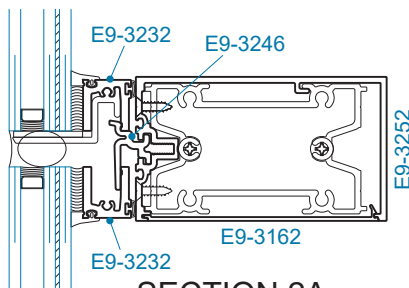
SECTION 1
HEAD w/ "F" Anchor



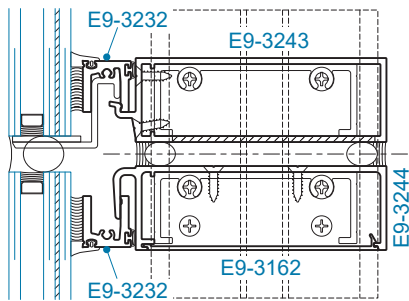
SECTION 1A
HEAD w/ "T" Anchor



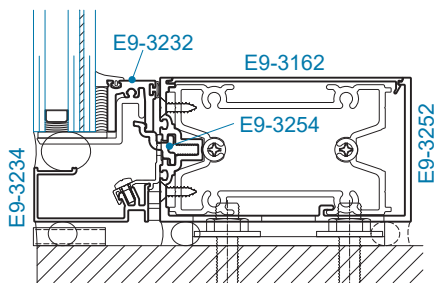
SECTION 2
HORIZONTAL (One Piece)



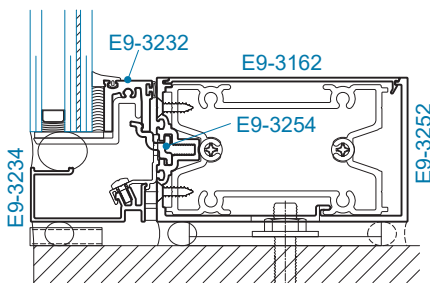
SECTION 2A
HORIZONTAL (Two-Piece)



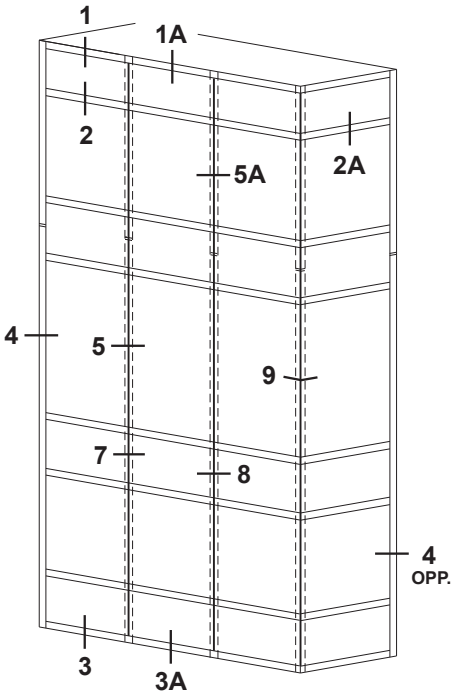
SECTION 2B
EXPANSION HORIZONTAL



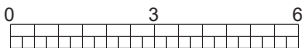
SECTION 3
SILL w/ "F" Anchor



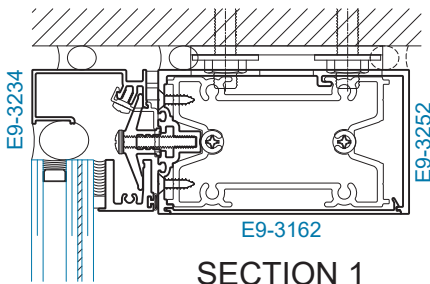
SECTION 3A
SILL w/ "T" Anchor



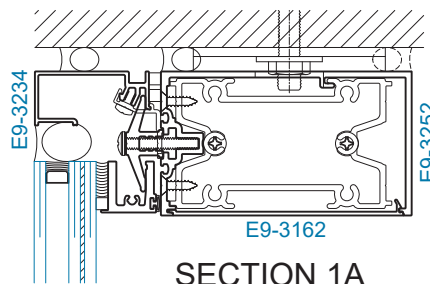
SCALE: 1/4 SIZE



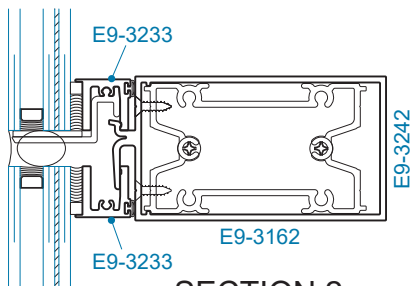
FRAMING MEMBERS FOR 4-SIDED SSG TAPED CASSETTE GLAZING



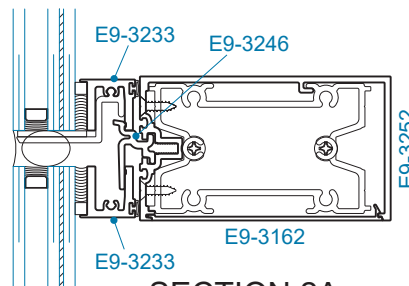
SECTION 1
HEAD w/ "F" Anchor



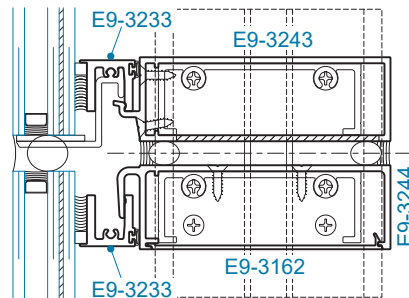
SECTION 1A
HEAD w/ "T" Anchor



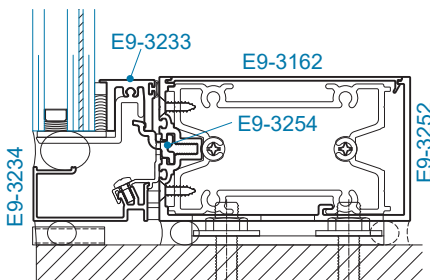
SECTION 2
HORIZONTAL (One Piece)



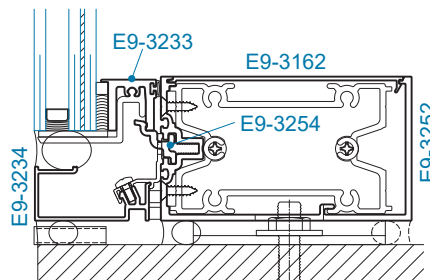
SECTION 2A
HORIZONTAL (Two-Piece)



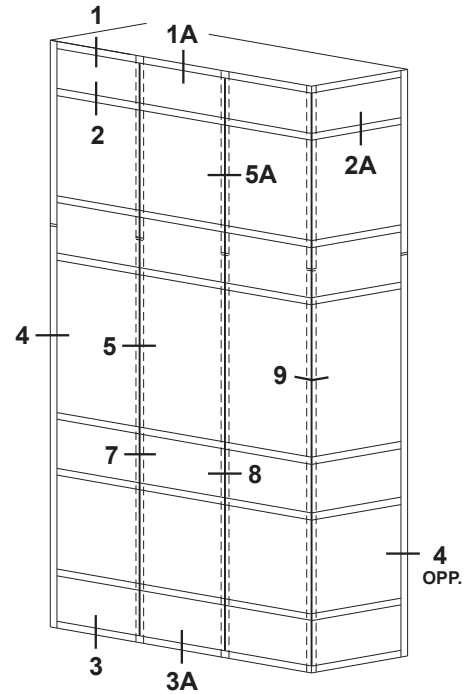
SECTION 2B
EXPANSION HORIZONTAL



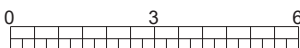
SECTION 3
SILL w/ "F" Anchor



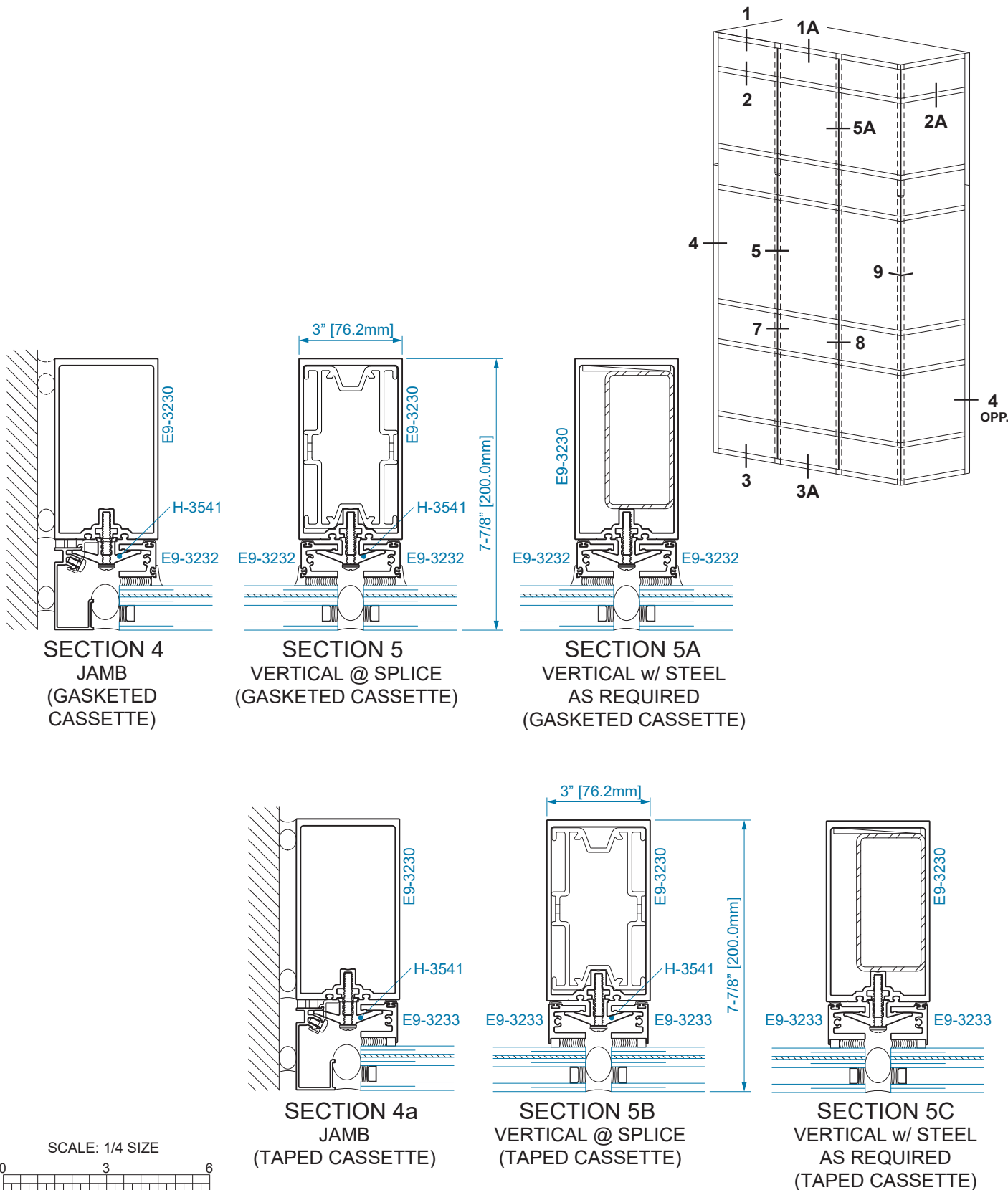
SECTION 3A
SILL w/ "T" Anchor



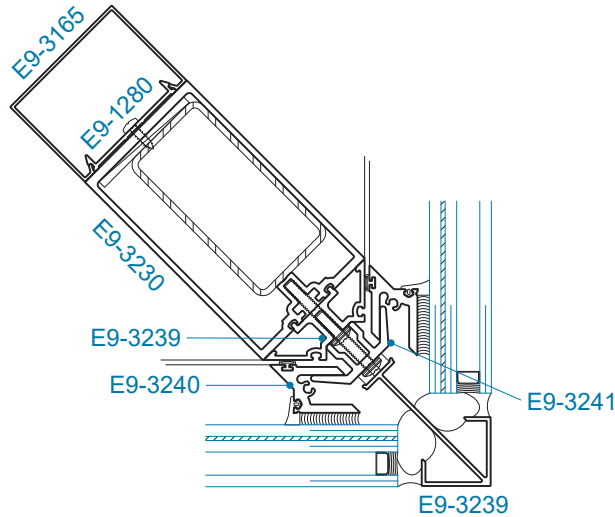
SCALE: 1/4 SIZE



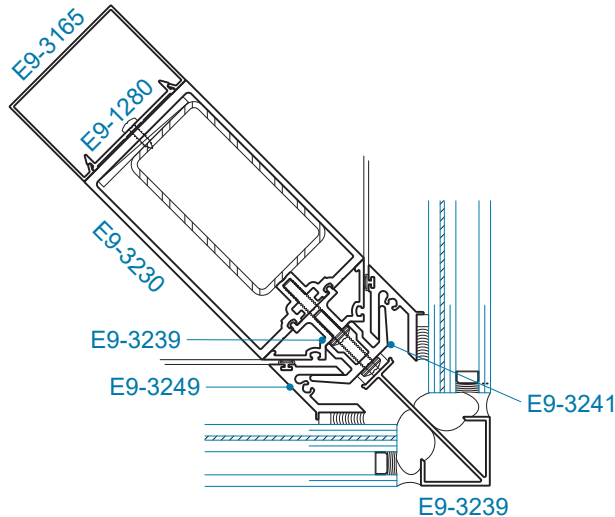
VERTICAL FRAMING MEMBERS FOR 4-SIDED SSG TAPED AND GASKETED CASSETTE GLAZING



**90° OUTSIDE CORNER FRAMING MEMBERS FOR
4-SIDED SSG CASSETTE GLAZING**

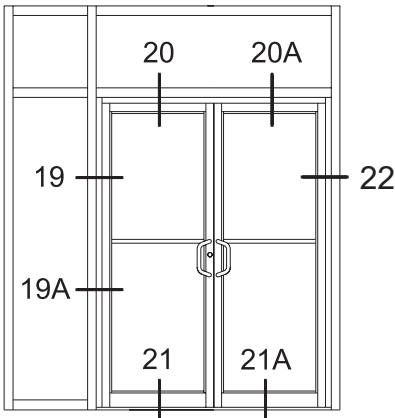


SECTION 9
90° OUTSIDE GASKETED CORNER
(w/ Steel As Required)

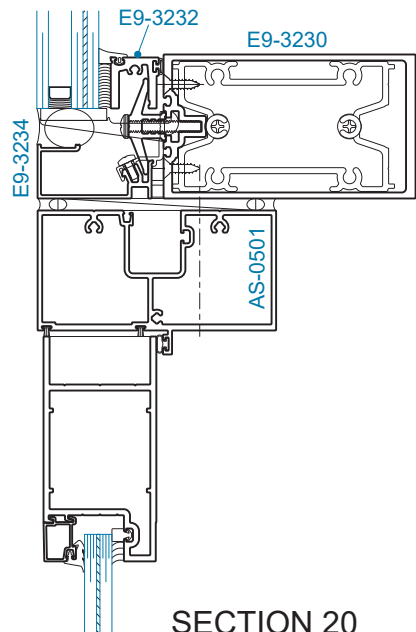


SECTION 9A
90° OUTSIDE TAPED CORNER
(w/ Steel As Required)

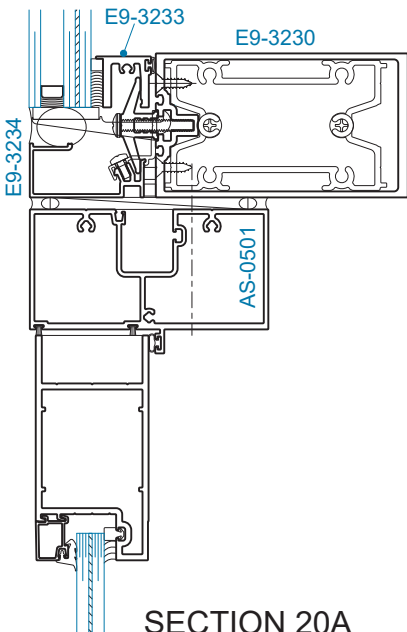
DOOR FRAMING MEMBERS FOR 4-SIDED SSG CASSETTE GLAZING



35H PAIR DOORS SHOWN

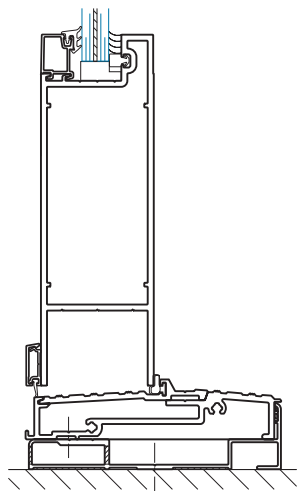
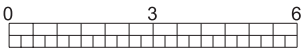


SECTION 20
STANDARD TRANSOM
BAR (GASKETED)

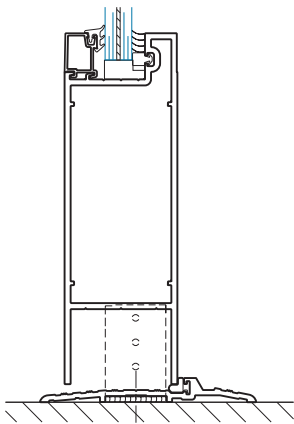


SECTION 20A
STANDARD TRANSOM
BAR (TAPED)

SCALE: 1/4 SIZE



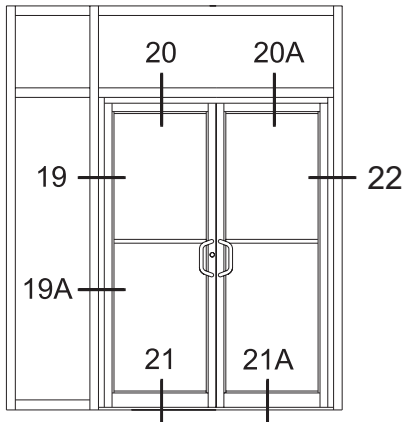
SECTION 21*
WATER RESISTANT
THRESHOLD



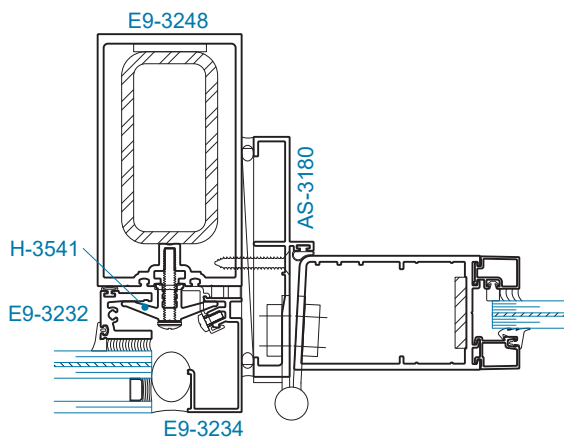
SECTION 21A**
AIR TIGHT THRESHOLD
**NOT APPROVED
FOR FLORIDA

* Frames that employ the water resistant threshold, E9-0502, and are designated as ADA entrances, require a 1:12 slope ramp. For information contact YKK AP or ADA.

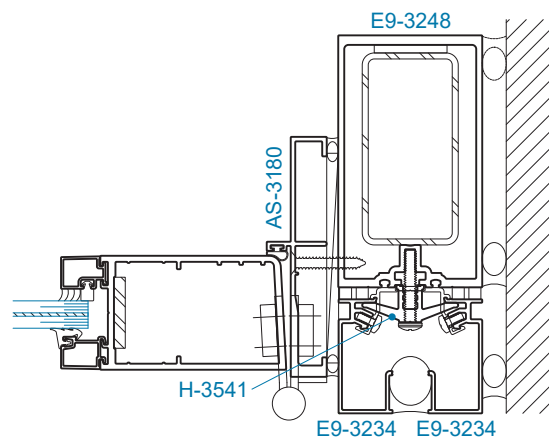
DOOR FRAMING MEMBERS FOR 4-SIDED SSG CASSETTE GLAZING



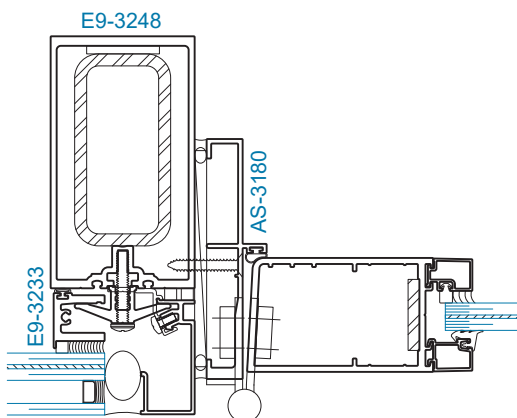
35H PAIR DOORS SHOWN



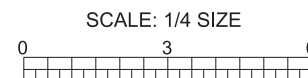
**SECTION 19
DOOR JAMB
(TAPED)**



**SECTION 22
DOOR JAMB
@ JAMB**



**SECTION 19A
DOOR JAMB
(GASKETED)**



* Frames that employ the water resistant threshold, E9-0502, and are designated as ADA entrances, require a 1:12 slope ramp. For information contact YKK AP or ADA.

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)

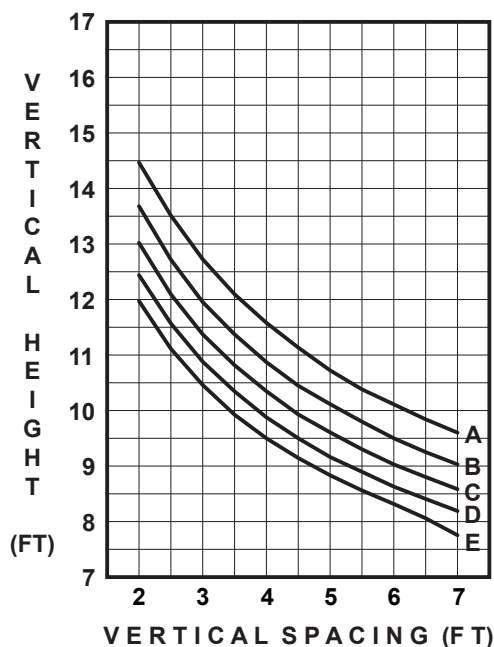
CODES AND SPECIFICATIONS MAY VARY, NO SINGLE LITE OF GLASS SHALL DEFLECT MORE THAN 3/4" (19.1mm)

ALLOWABLE WIND LOAD STRESS

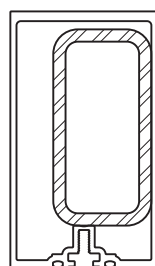
YKK AP tested standard. Contact YKK AP for more information.

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.

E9-3230



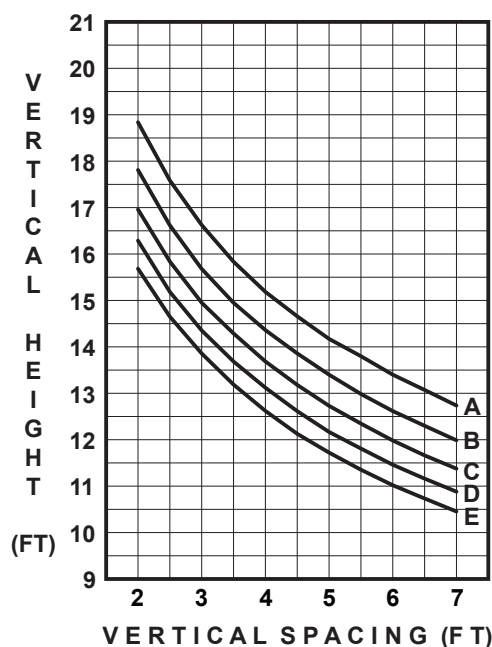
$I_{xx}=10.128 \text{ in}^4$
(421.6 cm⁴)



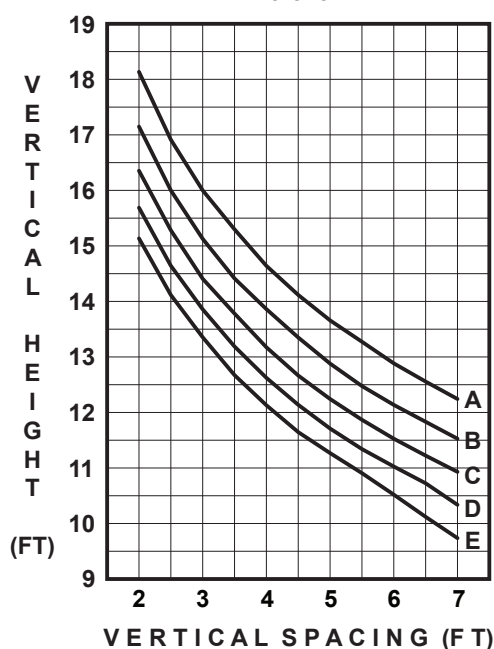
$I_{xx}=23.741 \text{ in}^4$
(988.2 cm⁴)

A = 50 PSF (2390 Pa)
B = 60 PSF (2870 Pa)
C = 70 PSF (3350 Pa)
D = 80 PSF (3830 Pa)
E = 90 PSF (4310 Pa)

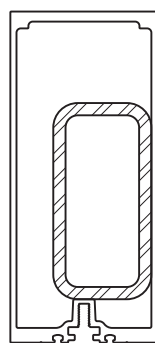
E9-3230 w/ E1-0162



E9-3251



$I_{xx}=21.072 \text{ in}^4$
(877.08 cm⁴)



$I_{xx}=34.685 \text{ in}^4$
(1443.7 cm⁴)

E9-3251 w/ E1-0162

