

TECHNICAL DATA

DESCRIPTION:

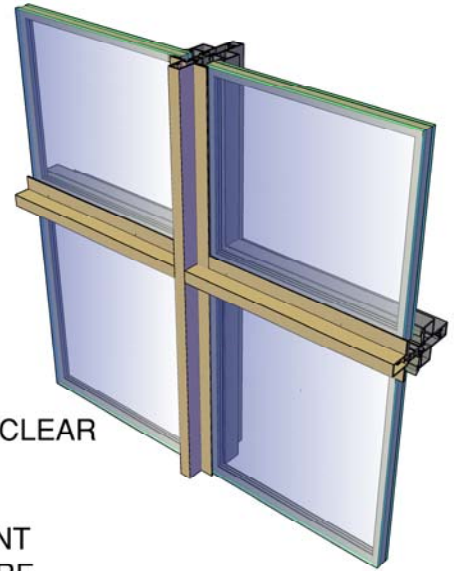
THERMALLY BROKEN FIXED WINDOW SYSTEM WITH 1" NOSE. OVERALL DEPTH 5" (127 mm), 6" (152.4mm) & 7" (177.8mm) FRAME SECTION.

COMPATIBILITY:

ACCEPTS 225 SERIES VENTS & CASEMENTS. NOT SUITABLE FOR ENTRANCE APPLICATIONS.

FINISH:

MOST PROFILES ARE STOCKED IN #17 CLEAR AND #40 BRONZE ANODIZED. OTHER ANODIZED AND PAINT FINISHES ARE AVAILABLE UPON REQUEST. DIFFERENT FINISHES EXTERIOR AND INTERIOR ARE AVAILABLE.



STOCK LENGTH: 24'-2" (7.37 METERS).

ASSEMBLY:

DESIGNED FOR SCREW PORT ASSEMBLY WITH FLUSH CORNER JOINTS.

STRENGTH:

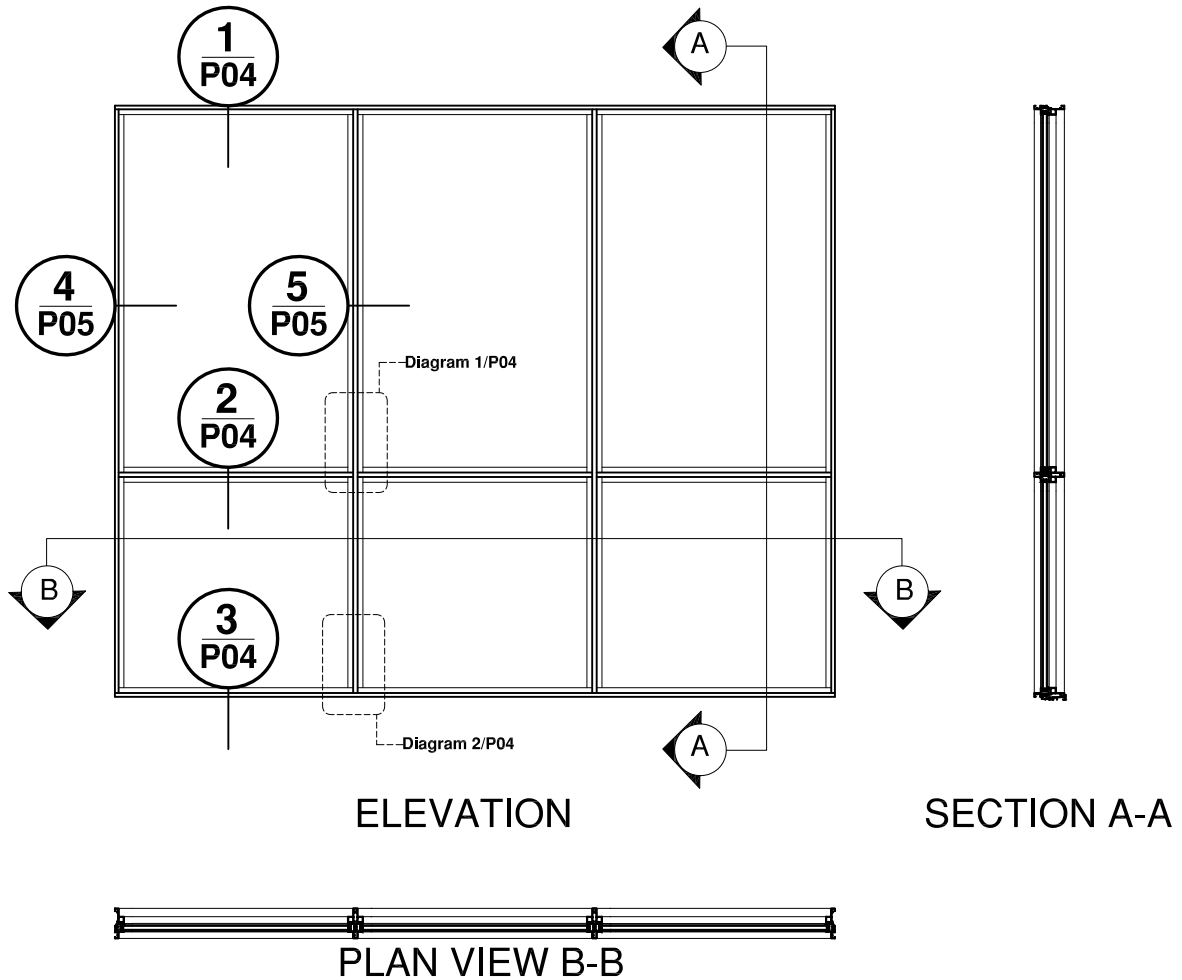
REFER TO WIND LOAD CHARTS FOR MAXIMUM ALLOWABLE SPANS.

ANCHORING:

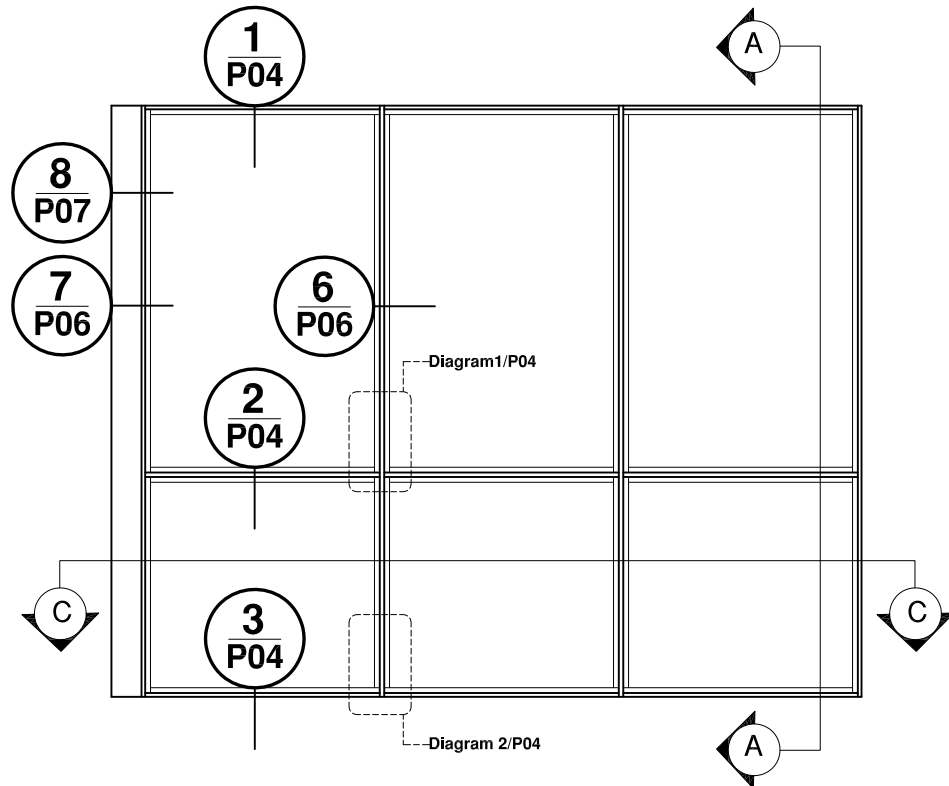
REFER TO FABRICATION AND INSTALLATION MANUAL.

GLAZING:

525 SERIES IS AN INTERIOR GLAZED SYSTEM AND WILL ACCEPT 1" (25mm) SEALED UNIT GLASS AND 1-3/4" (44mm) TRIPLE GLASS UNIT.

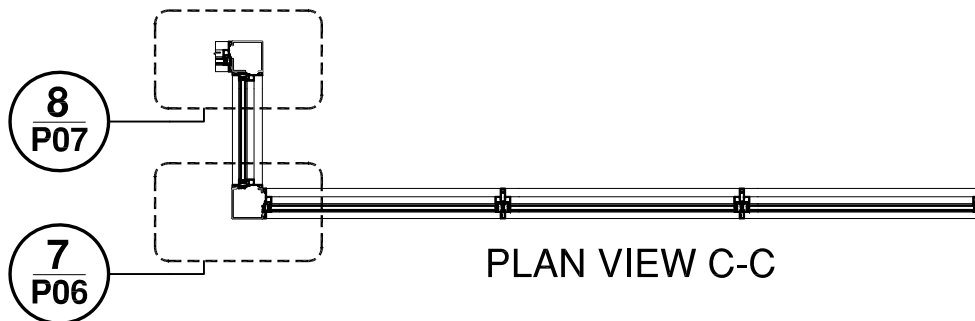


HORIZONTAL RUN THROUGH-FIXED WINDOW



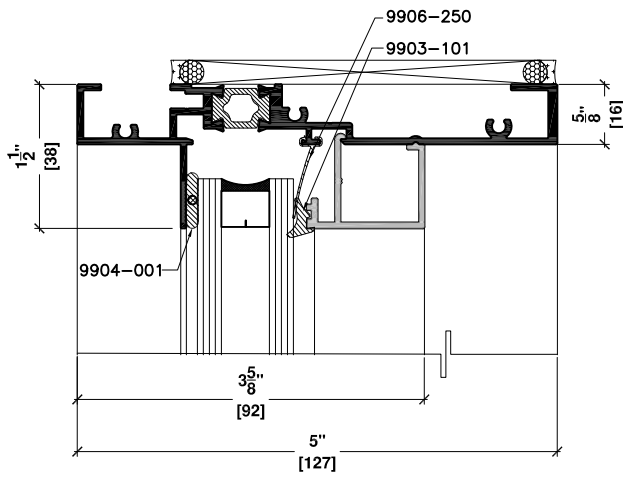
ELEVATION

SECTION A-A

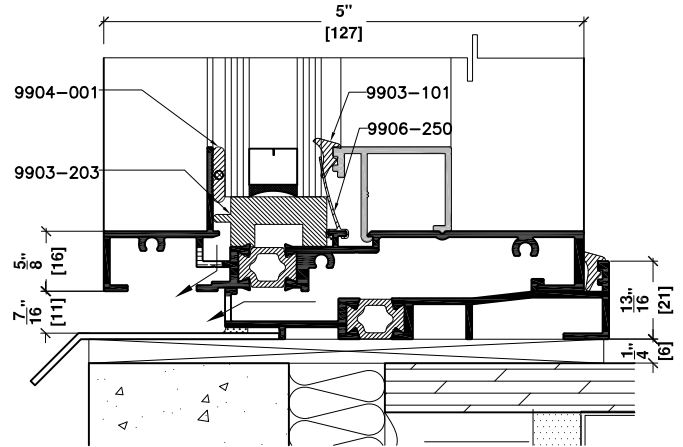


PLAN VIEW C-C

VERTICAL RUN THROUGH-FIXED WINDOW

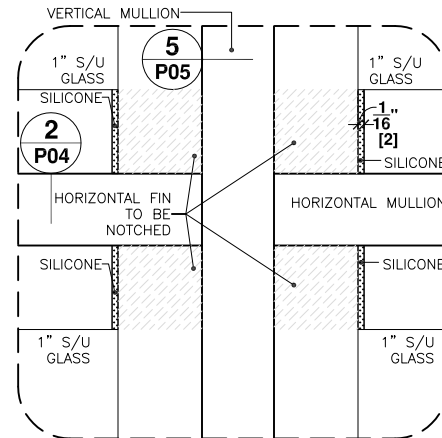


1 5' HORIZONTAL
FIXED WINDOW
HEAD CONDITION



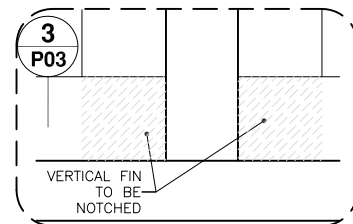
3 5' HORIZONTAL
FIXED WINDOW
SILL CONDITION

DIAGRAM 1

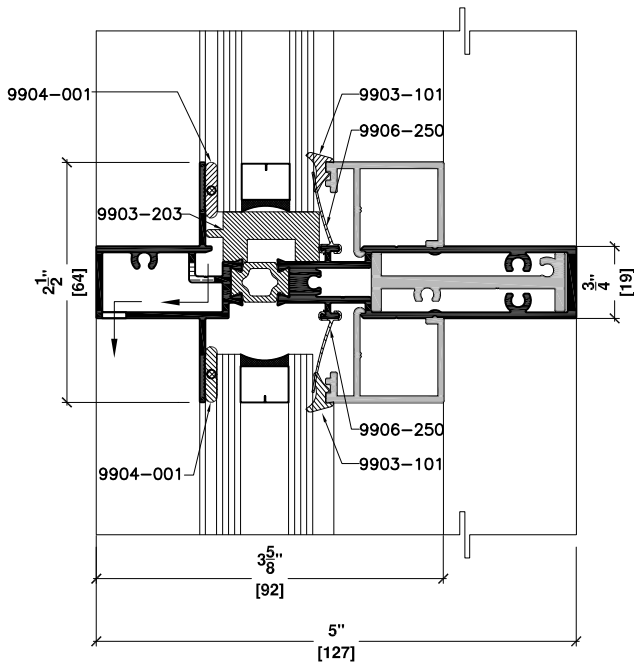


**FRONT DETAIL
HOR. MULLION &
VERT. MULLION**

DIAGRAM 2



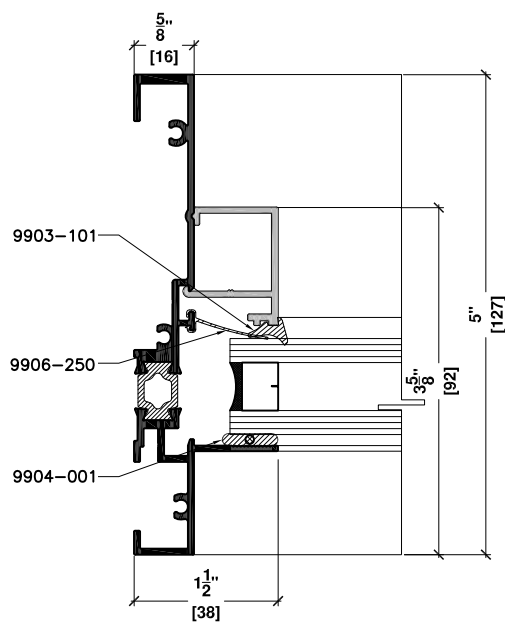
**FRONT DETAIL @ SILL
CONDITION WHEN HOR.
RUN THROUGH**



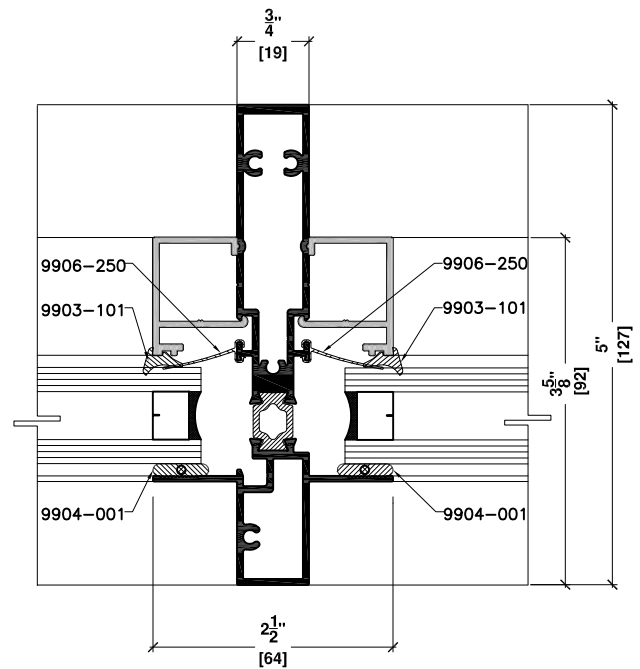
2 5' HORIZONTAL
FIXED WINDOW/
FIXED WINDOW

Scale 1:2

Sep. 19, 2013



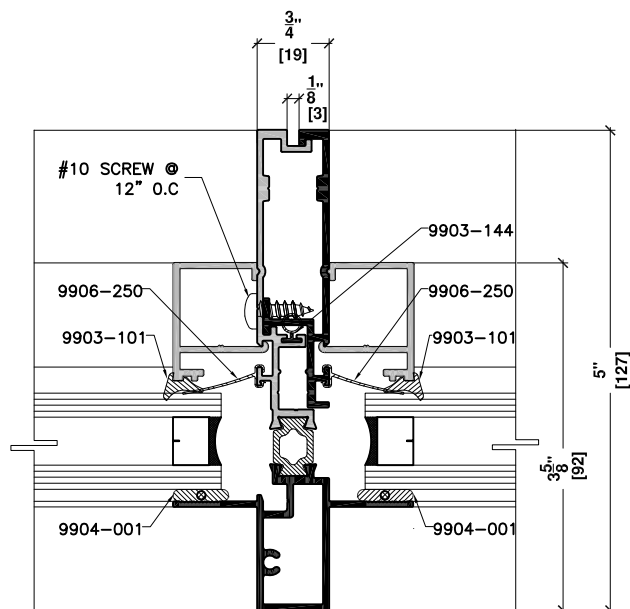
4 5" VERTICAL
FIXED WINDOW
JAMB CONDITION



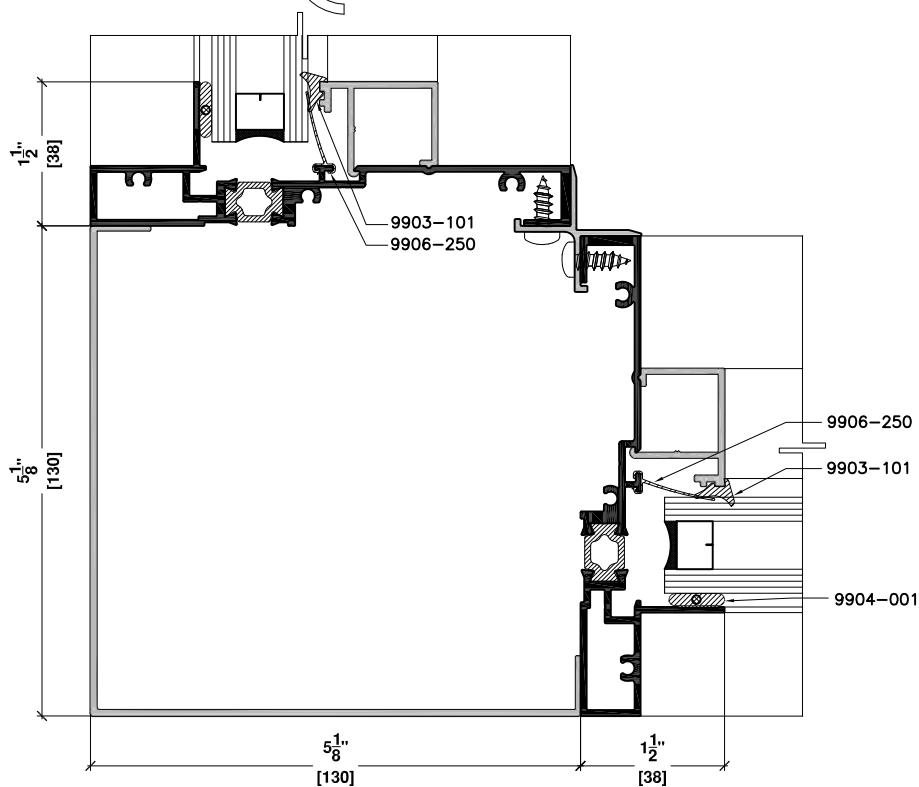
5 5" VERTICAL
FIXED WINDOW-
FIXED WINDOW

Scale 1:2

Sep. 19, 2013



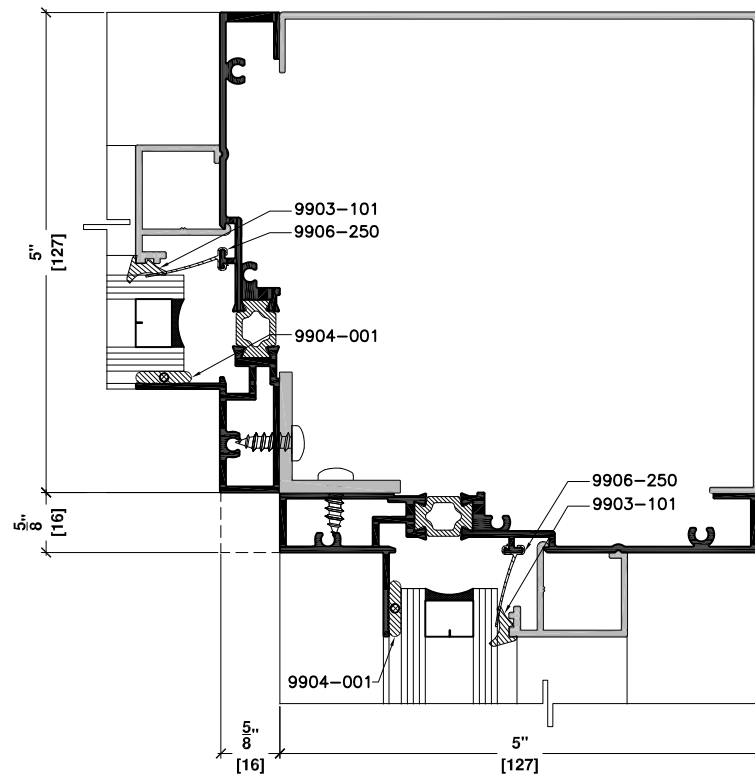
6 5" SPLIT MULLION
FIXED WINDOW-
FIXED WINDOW

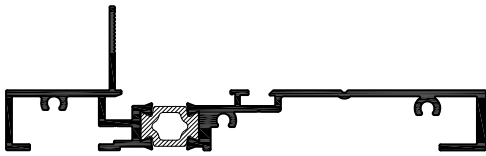


7 FIXED WINDOW
90° OUTSIDE CORNER
JAMB CONDITION

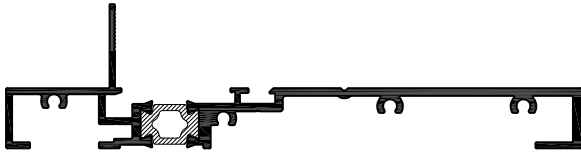
Scale 1:2

May. 10, 2016

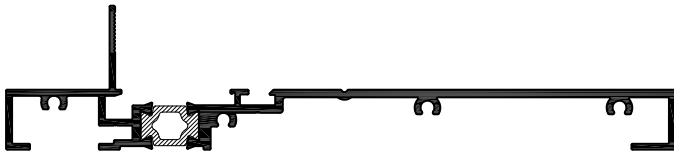




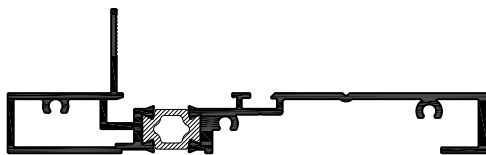
PART #: 525-701
FRAME PERIMETER
5" (127.00mm)
USE 1/8" GLAZING TAPE



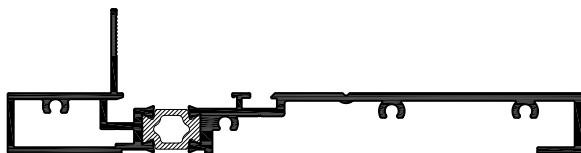
PART #: 525-702
FRAME PERIMETER
6" (152.4mm)
USE 1/8" GLAZING TAPE



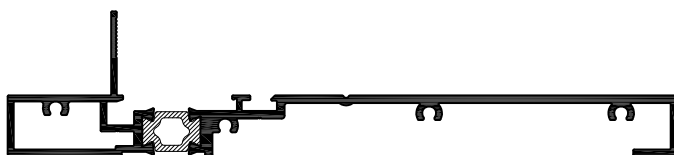
PART #: 525-703
FRAME PERIMETER
7" (177.8mm)
USE 1/8" GLAZING TAPE



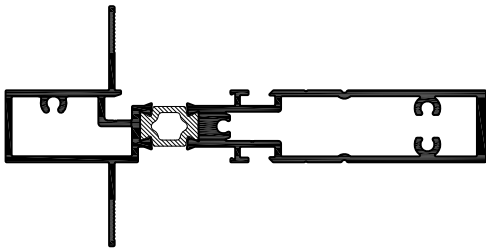
PART #: 525-705
FRAME PERIMETER WITH
CLOSED BACK FACE
5" (127.00mm)
USE 1/8" GLAZING TAPE



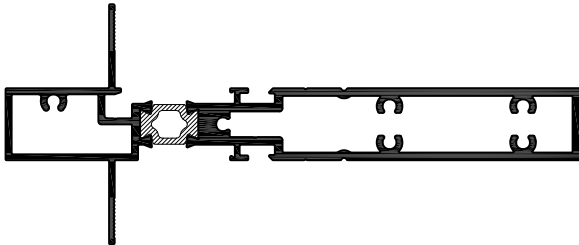
PART #: 525-706
FRAME PERIMETER WITH
CLOSED BACK FACE
6" (152.4mm)
USE 1/8" GLAZING TAPE



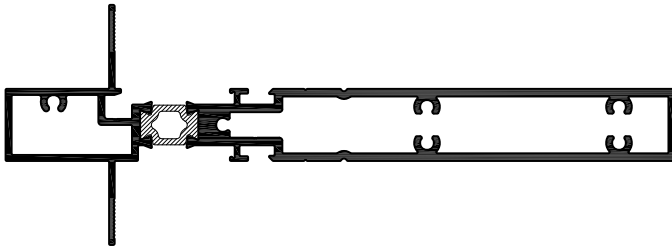
PART #: 525-707
FRAME PERIMETER WITH
CLOSED BACK FACE
7" (177.8mm)
USE 1/8" GLAZING TAPE



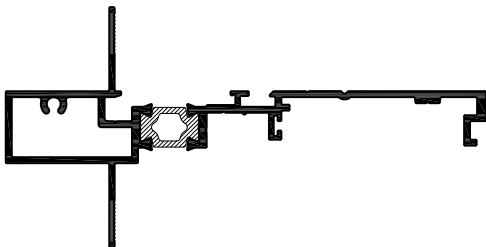
PART #: 525-710
VERTICAL/HORIZONTAL
MULLION 5" (127.6mm)
USE 1/8" GLAZING TAPE



PART #: 525-711
VERTICAL/HORIZONTAL
MULLION 6" (152.4mm)
USE 1/8" GLAZING TAPE



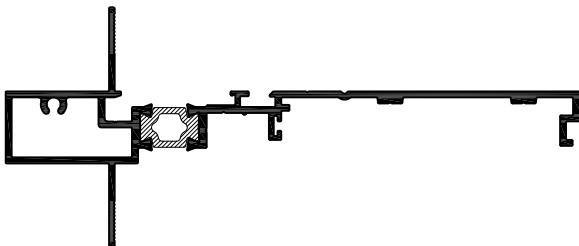
PART #: 525-712
VERTICAL/HORIZONTAL
MULLION 7" (177.8mm)
USE 1/8" GLAZING TAPE



PART #: 525-715
SPLIT MULLION FEMALE 5"
(127.00mm)
USE 1/8" GLAZING TAPE



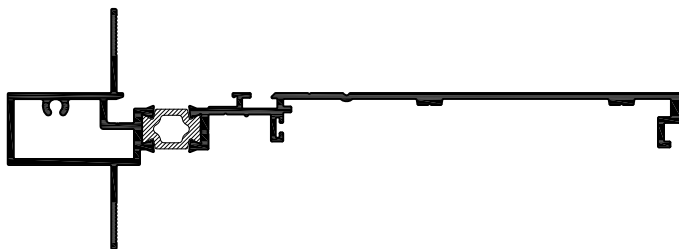
PART #: 525-040
SPLIT MULLION MALE
2-7/8" (73.02mm)
USE WITH PART (525-715)



PART #: 525-716
SPLIT MULLION FEMALE 6"
(152.4mm)
USE 1/8" GLAZING TAPE



PART #: 525-042
SPLIT MULLION MALE
3-7/8" (98.42mm)
USE WITH PART (525-716)



PART #: 525-717
SPLIT MULLION FEMALE 7"
(177.8mm)
USE 1/8" GLAZING TAPE



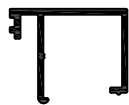
PART #: 525-044
SPLIT MULLION MALE
4-7/8" (123.82mm)
USE WITH PART (525-717)



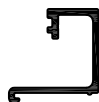
PART #: 425-900
BRACKET REVERSIBLE
MULLION USE WITH:
[PART# 525-710](#)



PART #: 425-901
BRACKET REVERSIBLE
MULLION USE WITH:
[PART# 525-711 & 525-712](#)



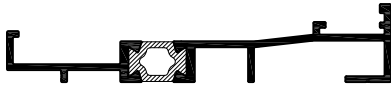
PART #: 425-030
STOP GLASS
FOR 1" (25mm)
SEALED UNIT



PART #: 425-031
GLASS STOP
FOR 1.75" (44.45mm)
SEALED UNIT



PART #: 425-071
90° CORNER INTERIOR



PART #: 425-730
SILL RECEPTOR
FOR 5" (127mm)
SECTION



PART #: 425-731
SILL RECEPTOR
FOR 6" (152.4mm)
SECTION



PART #: 425-732
SILL RECEPTOR
FOR 7" (177.8mm)
SECTION



PART #:9906-250
AIR SEAL 525 INSTALLED
ALONG THE INSIDE
GLASS UNIT.



SOLD SEPARATELY
NOT INCLUDED IN
FABRICATED FRAMES

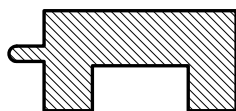
PART #:9904-001
1/8" POLYSHIM TAPE



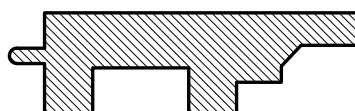
PART #:9903.-144
BULB SEAL FOR SPLIT
MULLION



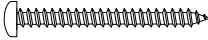
PART #:9903-101
GLAZING WEDGE



PART #:9903-203
SETTING BLOCK TO
SUPPORT GLASS UNIT
2 PER DAYLIGHT OPENIN



PART #:9903-204
SETTING BLOCK TO
SUPPORT TRIPLE GLASS
UNIT 2 PER DAYLIGHT
OPENING

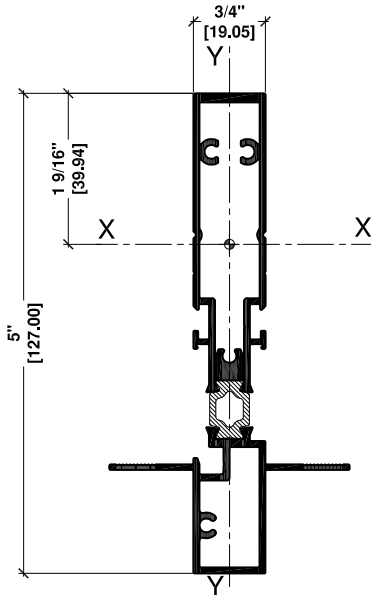
DRAWING	DESCRIPTION	APPLICATION	QTY/ JOINT
	PART #:9902-303 #8 X 1" P.H. SCREW	TO FASTEN PLAIN SECTION TO SCREW PORT	AS REQUIRED
	PART #:9902-309 #8 X 2" P.H. SCREW	TO FASTEN BRACKET TO VERTICAL MULLION	2
	PART #:9902-400 #10 X 1/2" P.H. SCREW	TO FASTEN HORIZONTAL MULLION TO BRACKET	2
	PART #:9902-400 #10 X 1/2" P.H. SCREW	TO FASTEN 90° CORNER INTERIOR TO JAMB	AS REQUIRED

5" MULLION

0525-710

5" (127mm)

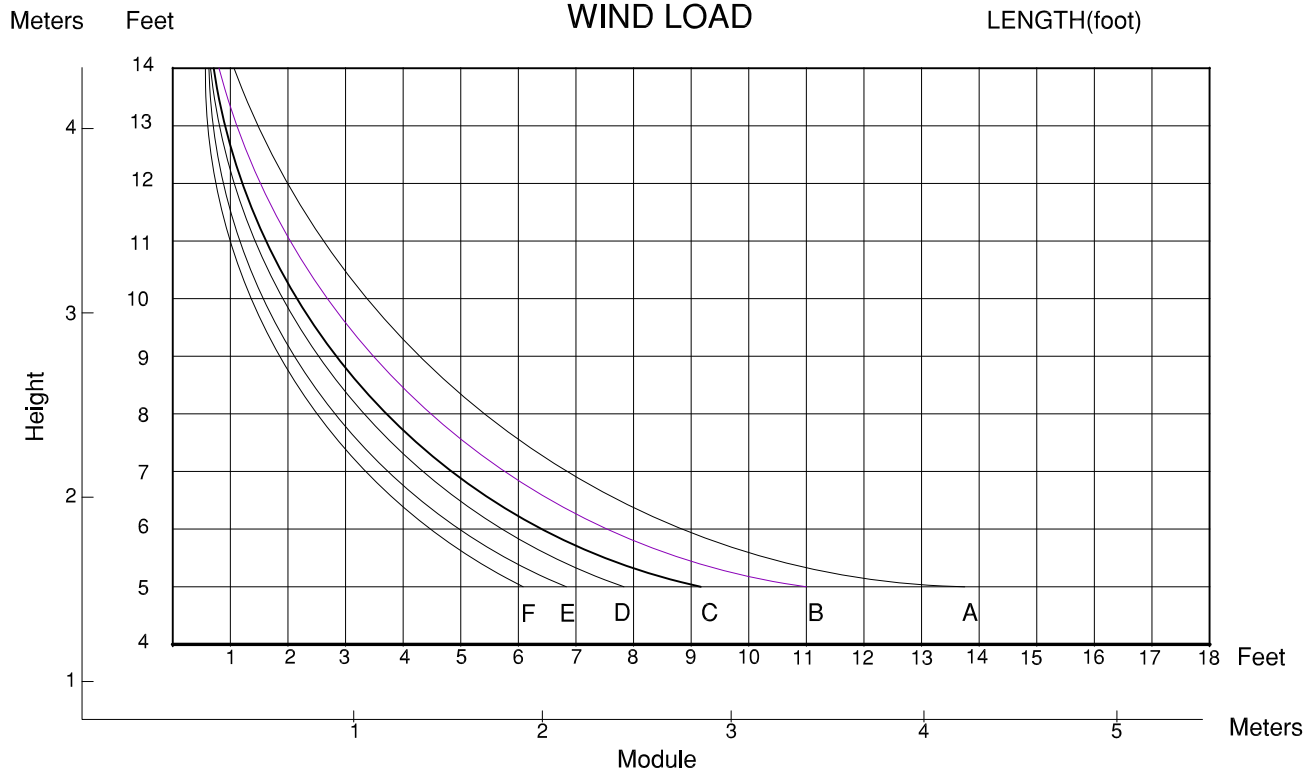
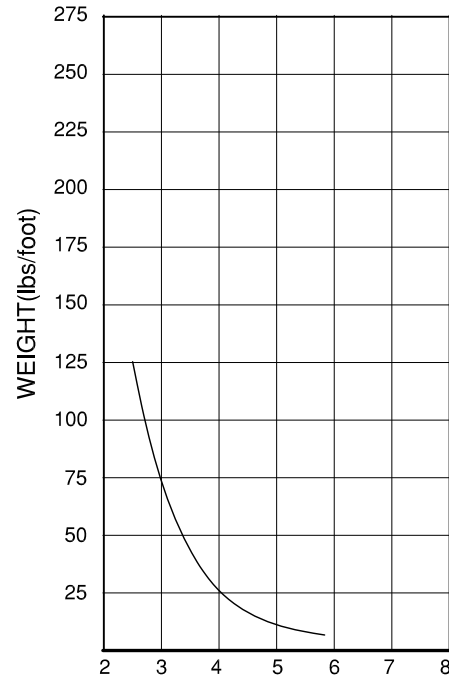
DEAD LOAD



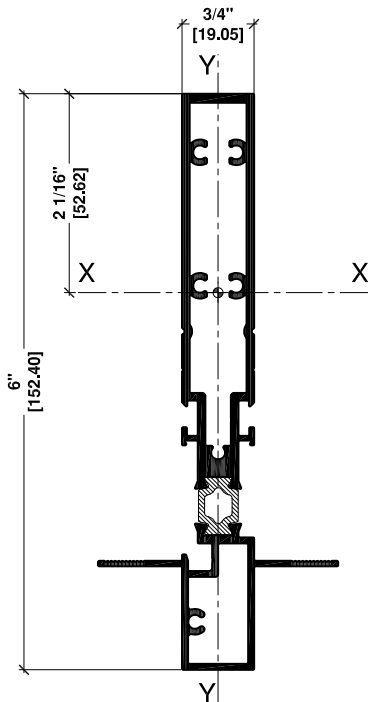
I = Moment of Inertia
S = Section Modulus
 $I_{xx} = 0.047 \text{ IN}^4$
 $I_{yy} = 0.684 \text{ IN}^4$
 $S_{xx} = -0.125 \text{ IN}^3$
 $S_{yy} = 0.435 \text{ IN}^3$

A = 20 psf (0.95 KPa)
B = 25 psf (1.2 KPa)
C = 30 psf (1.4 KPa)
D = 35 psf (1.7 KPa)
E = 40 psf (1.9 KPa)
F = 45 psf (2.1 KPa)

" For information purposes only "
Not for design.



6" MULLION
0525-711
6" (152.4mm)

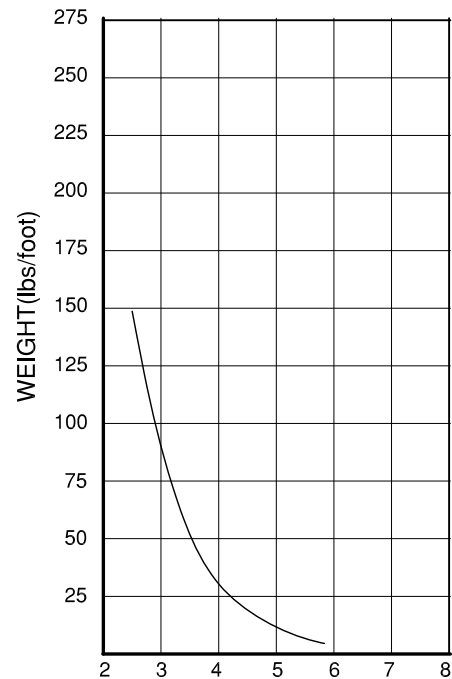


I= Moment of Inertia
S= Section Modulus
 $I_{xx} = 0.074 \text{ IN}^4$
 $I_{yy} = 1.598 \text{ IN}^4$
 $S_{xx} = 0.197 \text{ IN}^3$
 $S_{yy} = 0.772 \text{ IN}^3$

A = 20 psf (0.95 KPa)
B = 25 psf (1.2 KPa)
C = 30 psf (1.4 KPa)
D = 35 psf (1.7 KPa)
E = 40 psf (1.9 KPa)
F = 45 psf (2.1 KPa)

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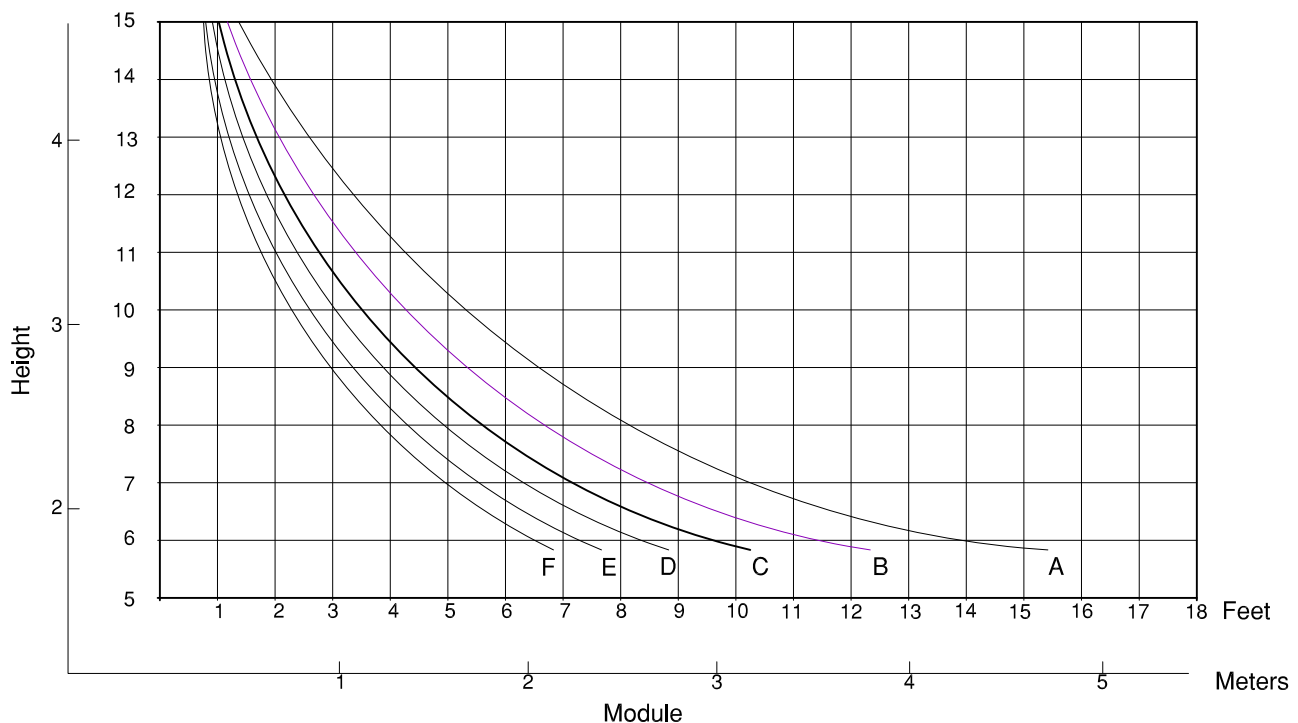
DEAD LOAD

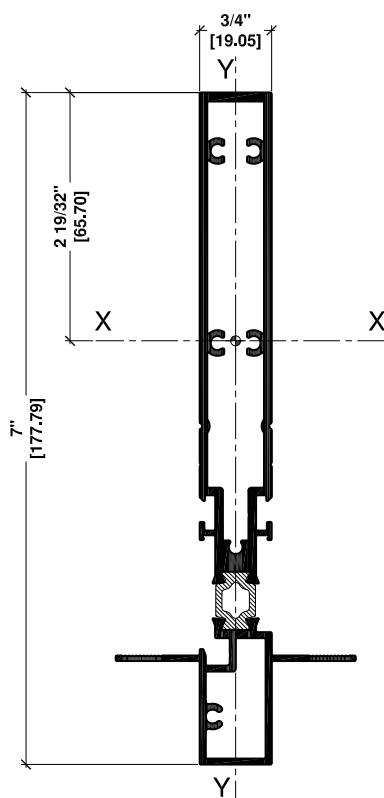


Meters Feet

WIND LOAD

LENGTH(feet)





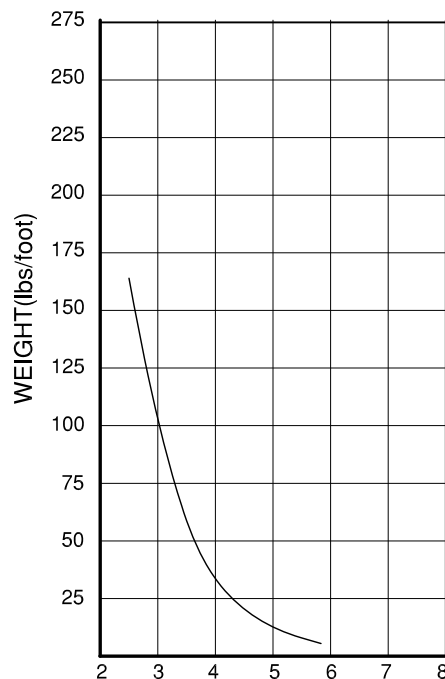
7" MULLION
0525-712
7" (177.8mm)

I= Moment of Inertia
S= Section Modulus
 $I_{xx} = 0.092 \text{ IN}^4$
 $I_{yy} = 2.906 \text{ IN}^4$
 $S_{xx} = 0.245 \text{ IN}^3$
 $S_{yy} = 1.124 \text{ IN}^3$

A = 20 psf (0.95 KPa)
B = 25 psf (1.2 KPa)
C = 30 psf (1.4 KPa)
D = 35 psf (1.7 KPa)
E = 40 psf (1.9 KPa)
F = 45 psf (2.1 KPa)

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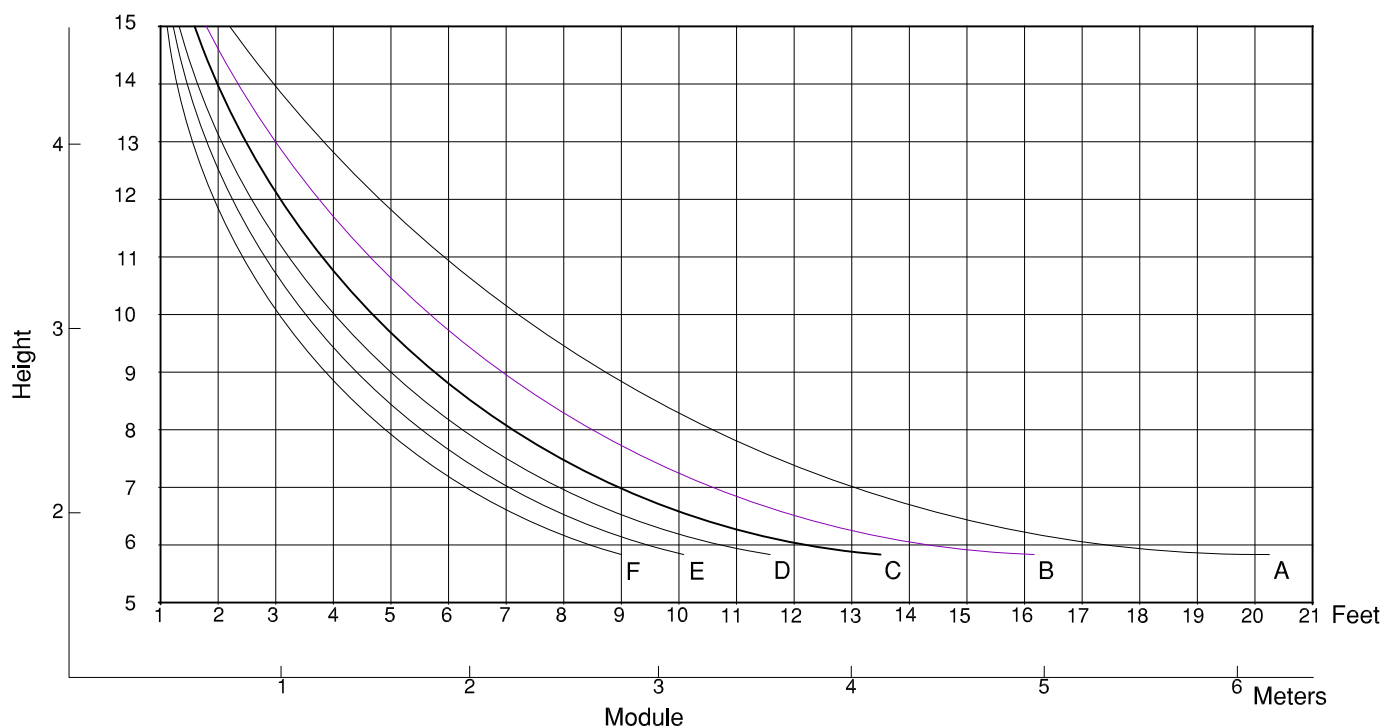
DEAD LOAD



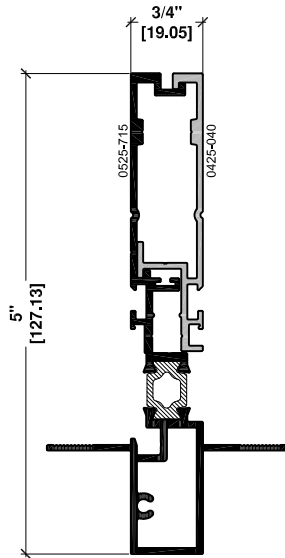
Meters Feet

WIND LOAD

LENGTH(feet)

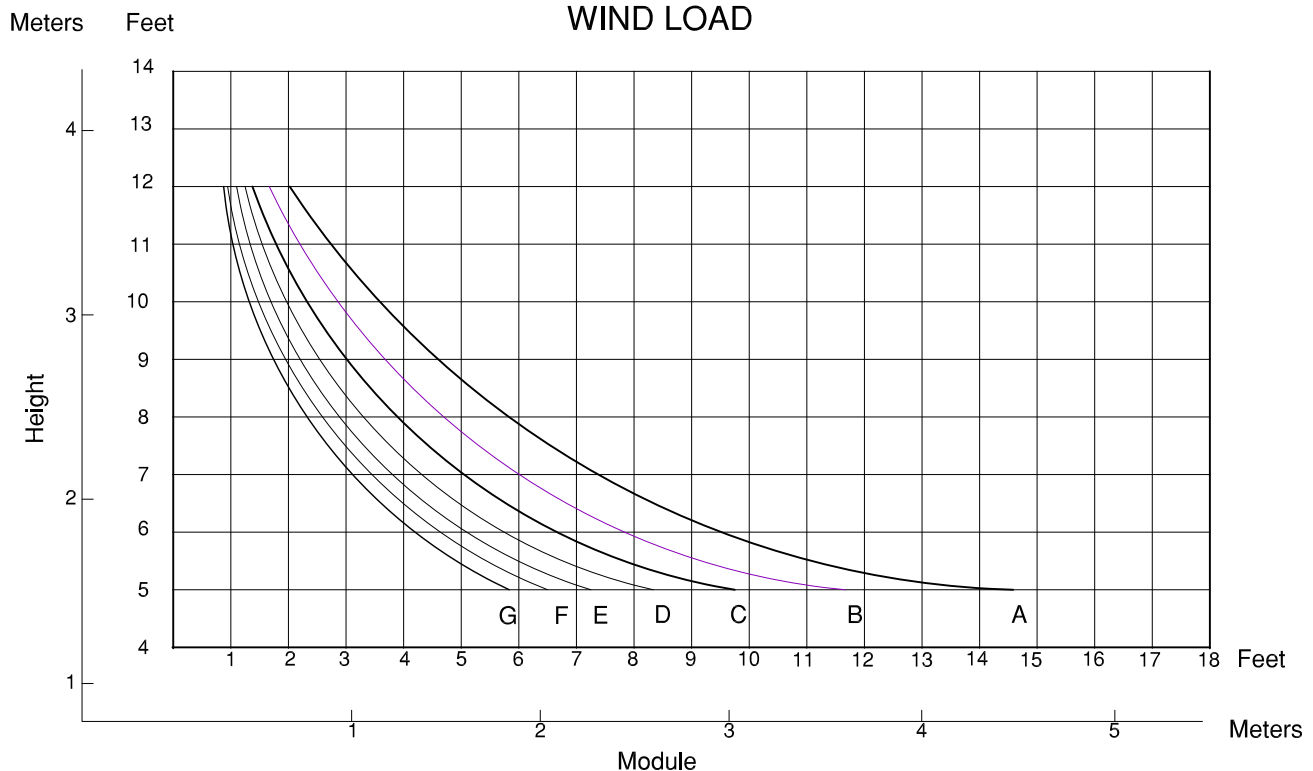


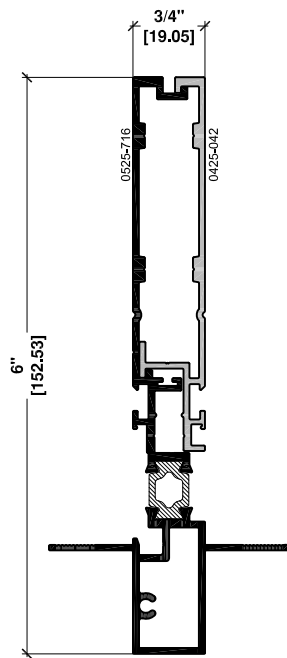
5" SPLIT MULLION
0525-715 Split Mullion Female
0425-040 Split Mullion Male
5" (127mm)



A = 20 psf (0.95 KPa)
B = 25 psf (1.2 KPa)
C = 30 psf (1.4 KPa)
D = 35 psf (1.7 KPa)
E = 40 psf (1.9 KPa)
F = 45 psf (2.1 KPa)
G = 50 psf (2.4 KPa)

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Not for design.

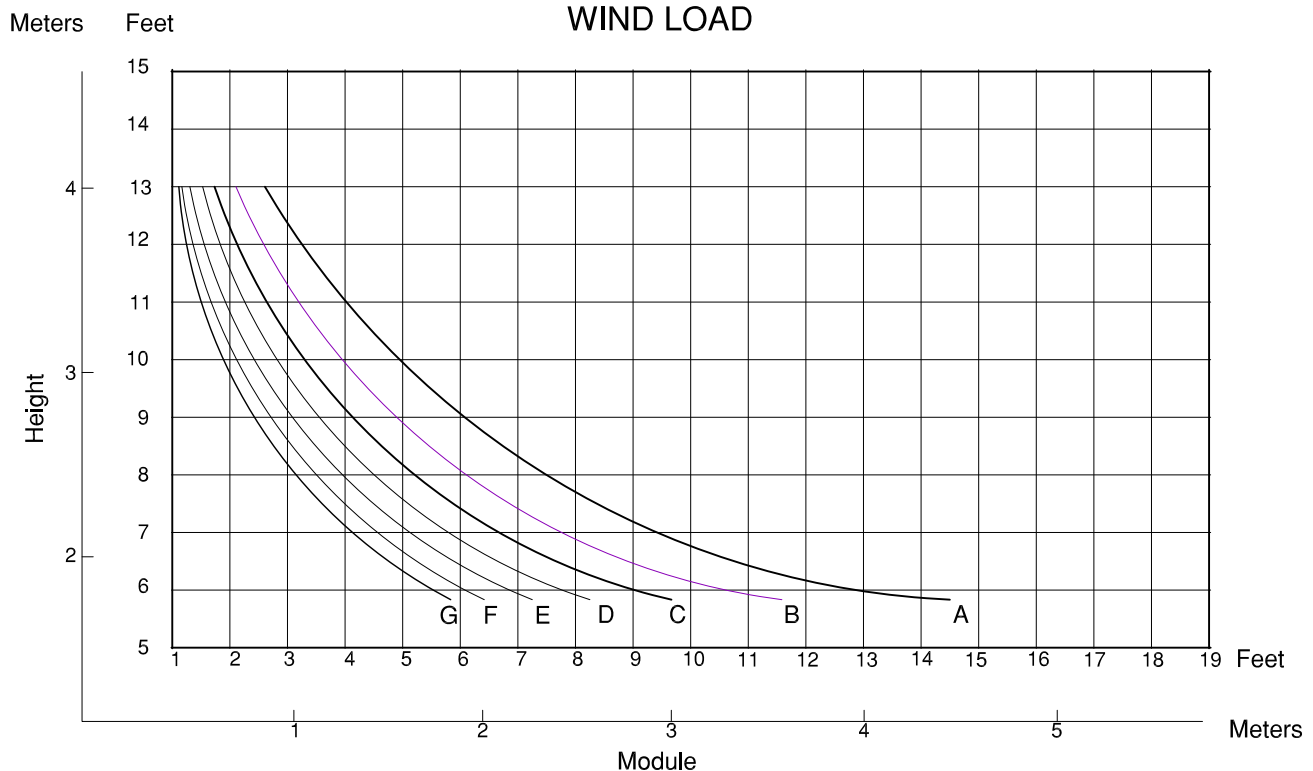


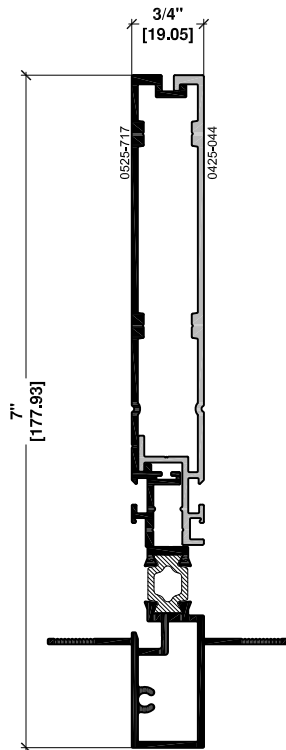


6" SPLIT MULLION
0525-716 Split Female Mullion
0425-042 Split Male Mullion
6" (152.4mm)

A = 20 psf (0.95 KPa)
B = 25 psf (1.2 KPa)
C = 30 psf (1.4 KPa)
D = 35 psf (1.7 KPa)
E = 40 psf (1.9 KPa)
F = 45 psf (2.1 KPa)
G = 50 psf (2.4 KPa)

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7" SPLIT MULLION
0525-717 Split Female Mullion
0425-044 Split Male Mullion
7" (177.8mm)

A = 20 psf (0.95 KPa)
B = 25 psf (1.2 KPa)
C = 30 psf (1.4 KPa)
D = 35 psf (1.7 KPa)
E = 40 psf (1.9 KPa)
F = 45 psf (2.1 KPa)
G = 50 psf (2.4 KPa)

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