

TECHNICAL DATA

DESCRIPTION:

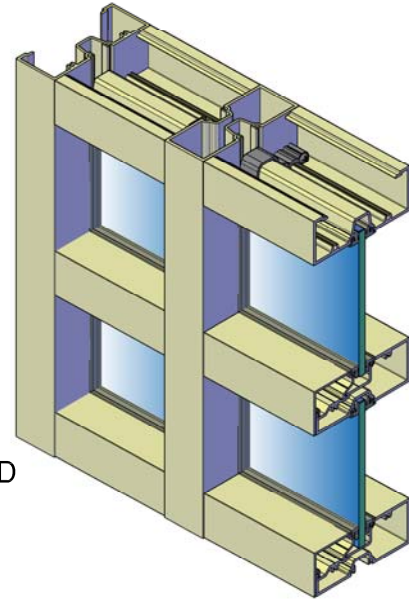
NON-THERMALLY BROKEN FLUSH
GLAZED SYSTEM. PROFILE DIM.
1-3/4" x 4-1/2" (44.5 x 114.3mm).

COMPATIBILITY:

DESIGNED TO SUIT ALL
STANDARD DOORS AND DOOR
HARDWARE.

FINISH:

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

**STOCK LENGTH:**

24'-2" (7.37 METERS).

ASSEMBLY:

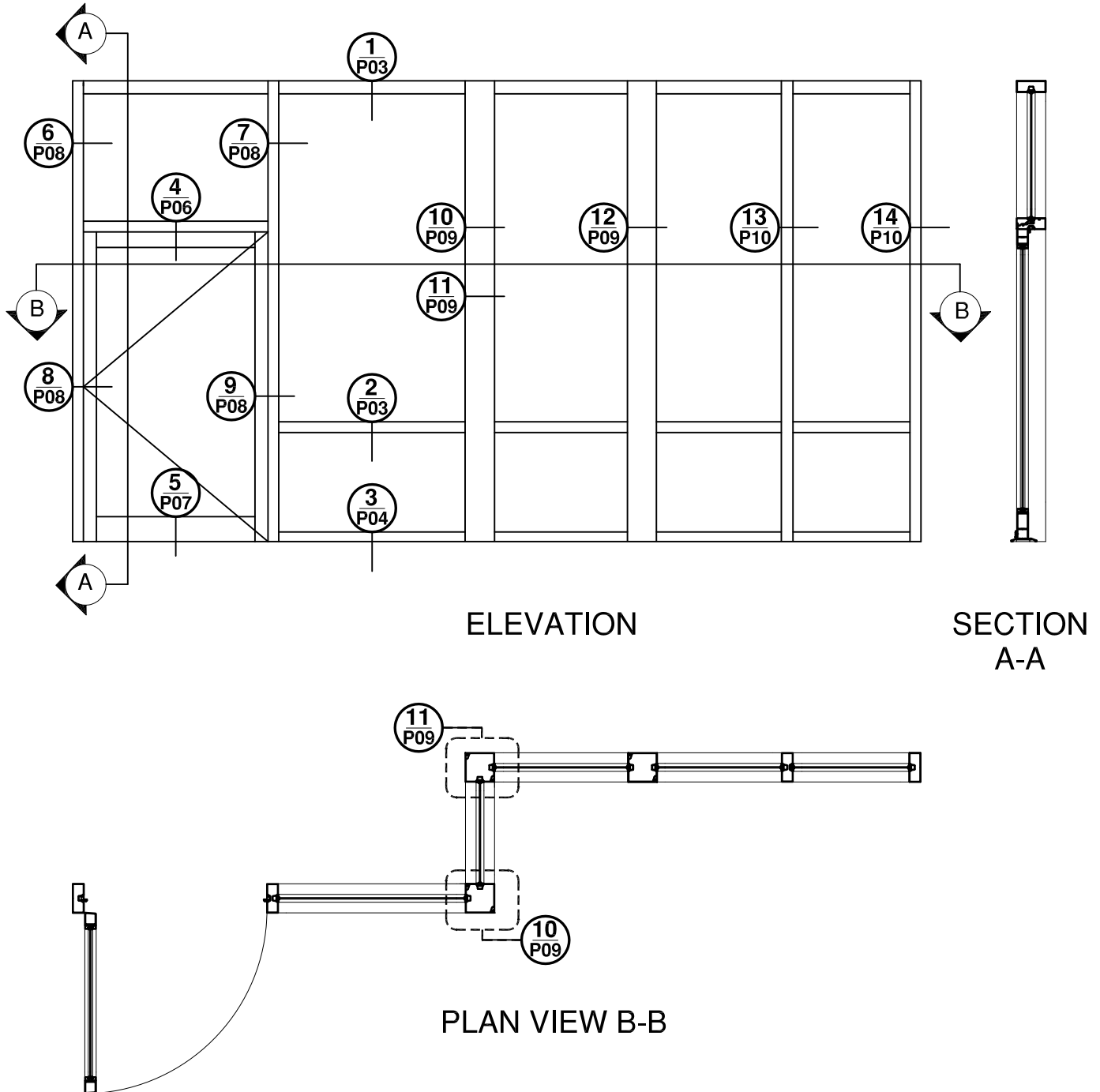
DESIGNED FOR SCREW PORT AND/OR BRACKET ASSEMBLY.

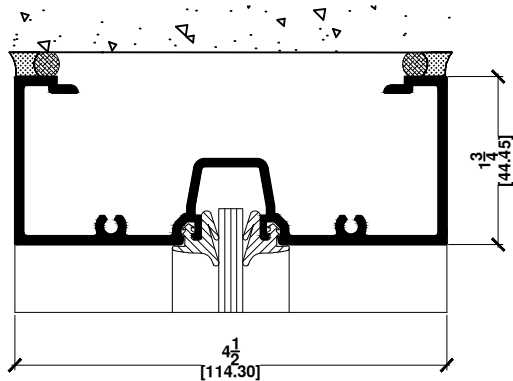
STRENGTH:

REFER TO WIND LOAD CHARTS FOR MAXIMUM ALLOWABLE
SPANS.

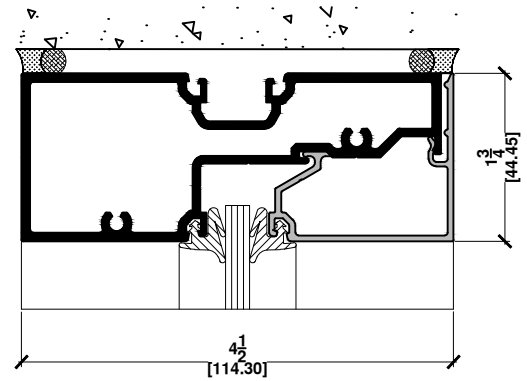
GLAZING:

1450 SERIES ACCEPTS SINGLE GLASS, REFER TO PAGE
P12, & P19 FOR DETAILS. THIS SYSTEM IS TYPICALLY
GLAZED FROM THE EXTERIOR, BUT CAN BE GLAZED
FROM THE INTERIOR, REFER TO APPLICABLE DETAILS.

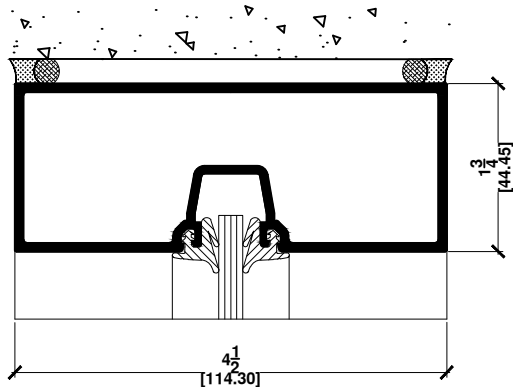




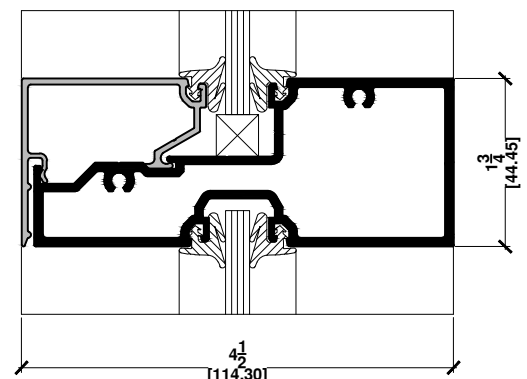
1 HEAD
FIXED GLASS
ONE POCKET MULL. O/B



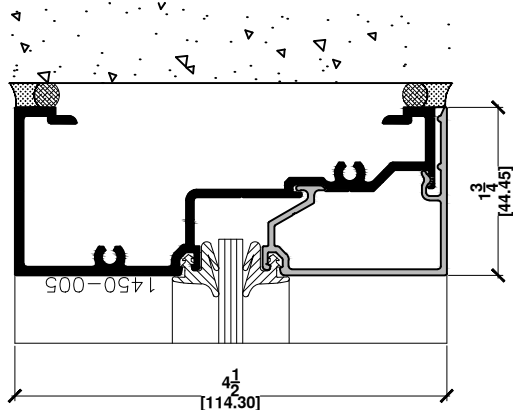
1c HEAD
FIXED GLASS
HOR. MULLION



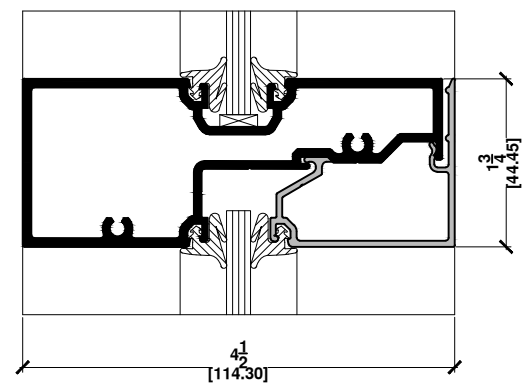
1a HEAD
FIXED GLASS
ONE POCKET MULL. C/B



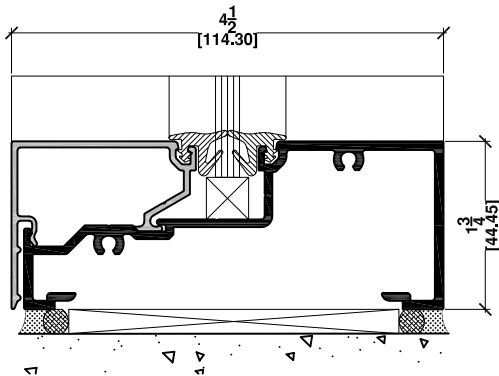
2 HOR. MULLION
FIXED GLASS/FIXED GLASS



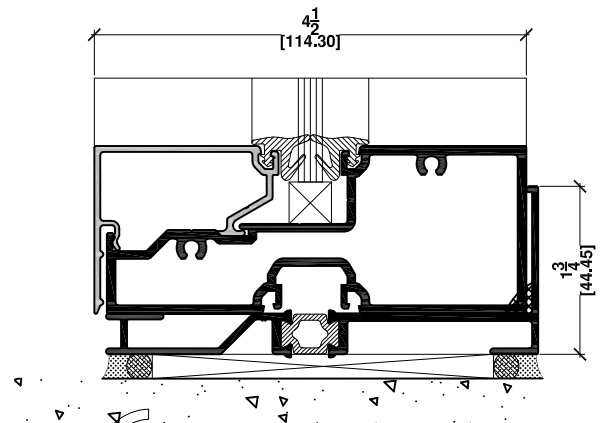
1b HEAD
FIXED GLASS



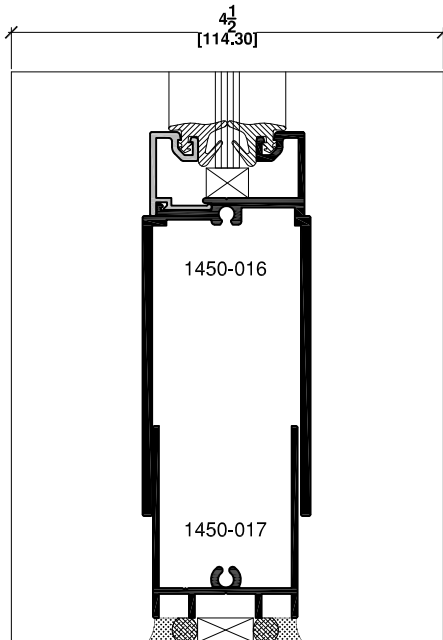
2a HOR. MULLION
FIXED GLASS/FIXED GLASS



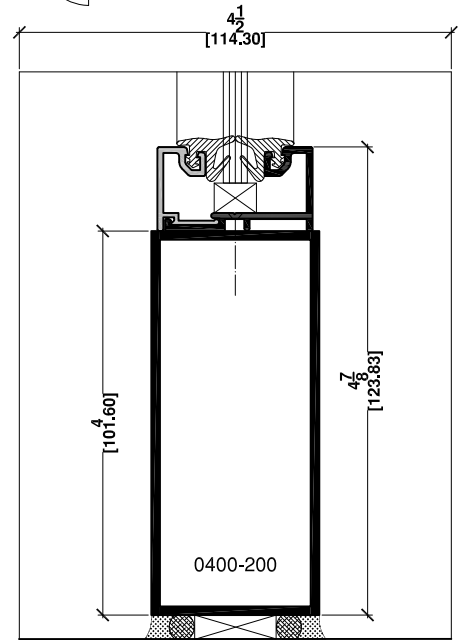
3 SILL
FIXED GLASS
SILL O/B



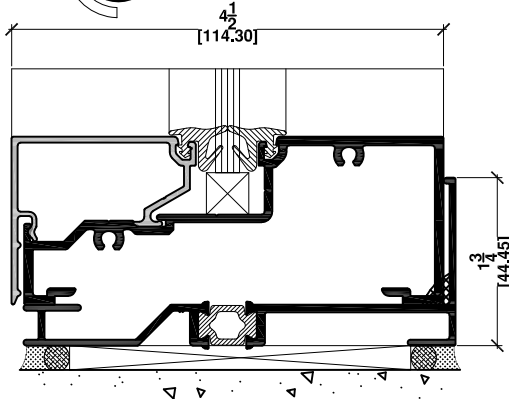
3a SILL
FIXED GLASS/HOR. MULL.
W/ SILL BASE C/B



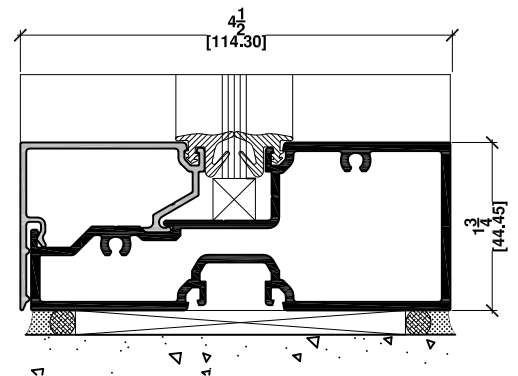
3b SILL
FIXED GLASS
ADJUST. SIDELITE MULL.



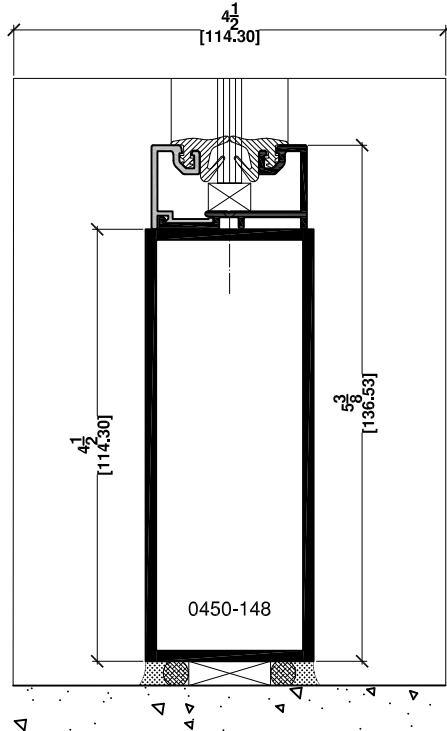
3c SILL
FIXED GLASS
4" PLAIN TUBE



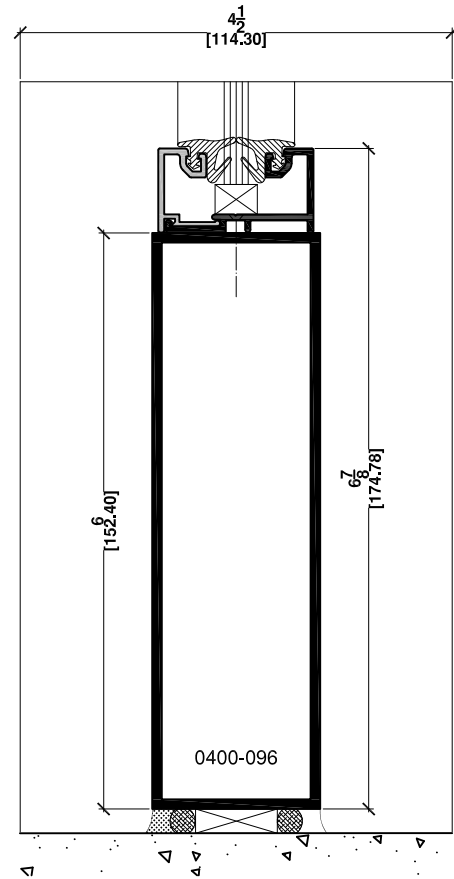
3d SILL
FIXED GLASS/HOR. MULL.
W/ SILL BASE O/B



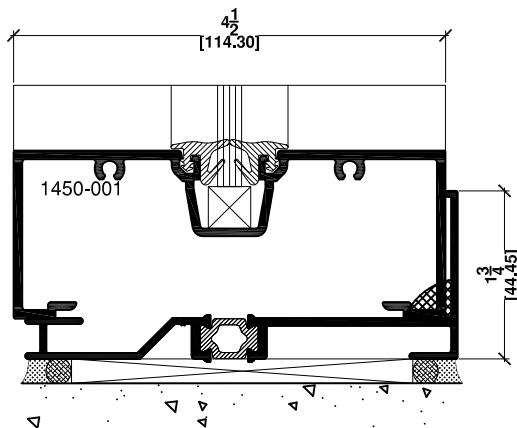
3e SILL
FIXED GLASS
HOR. MULLION



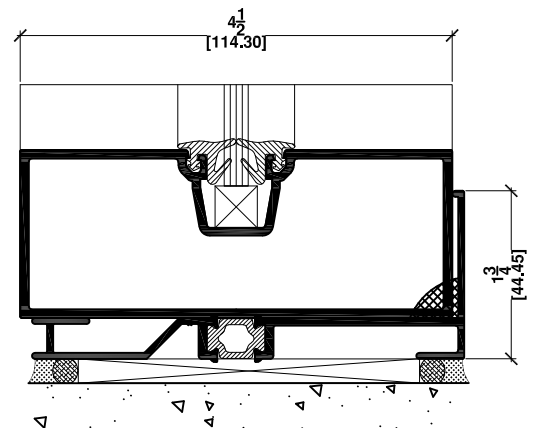
3f SILL
FIXED GLASS
4 1/2" PLAIN TUBE



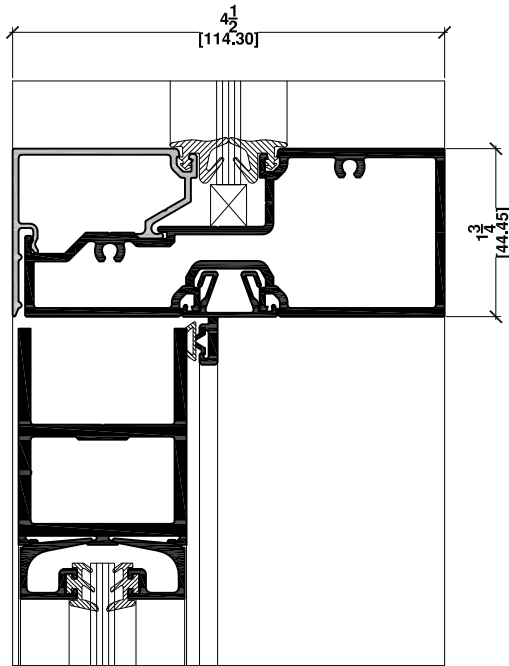
3g SILL
FIXED GLASS
6" PLAIN TUBE



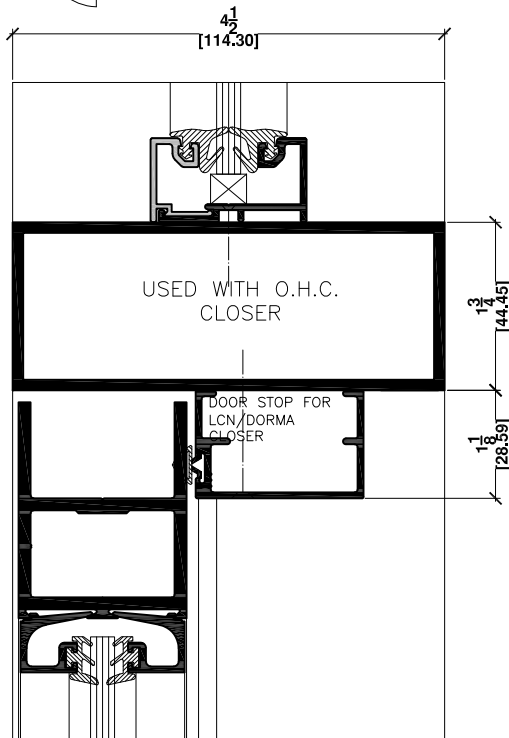
3h SILL W/ SILL BASE
FIXED GLASS/HOR. MULL.
ONE POCKET MULL. C/B



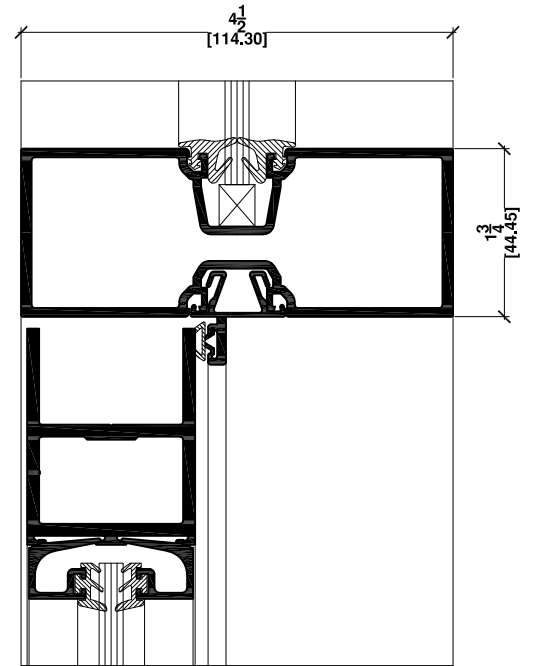
3i SILL W/ SILL BASE
FIXED GLASS/HOR. MULL.
ONE POCKET MULL. O/B



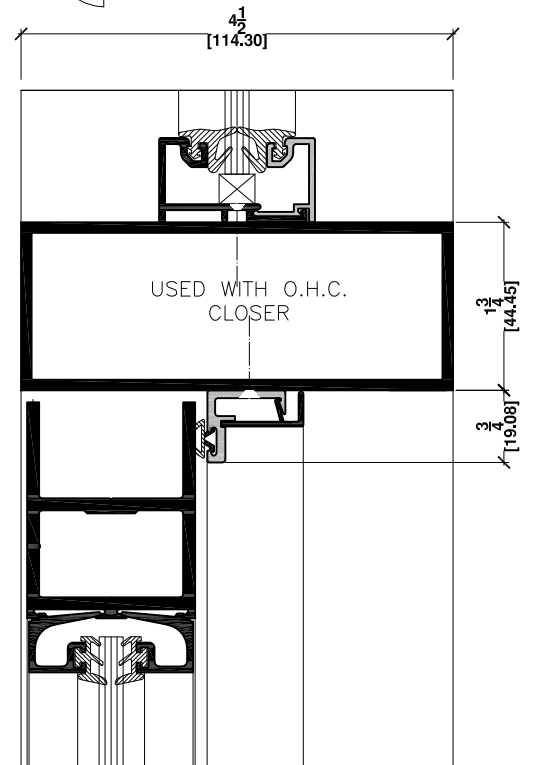
4 HOR. MULLION
FIXED GLASS/
SERIES 175 DOOR



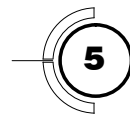
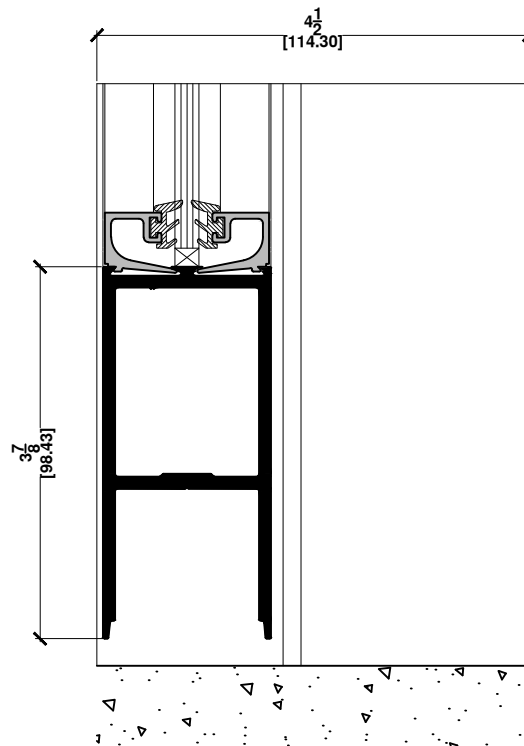
4a HOR. TUBE
FIXED GLASS/
SERIES 175 DOOR



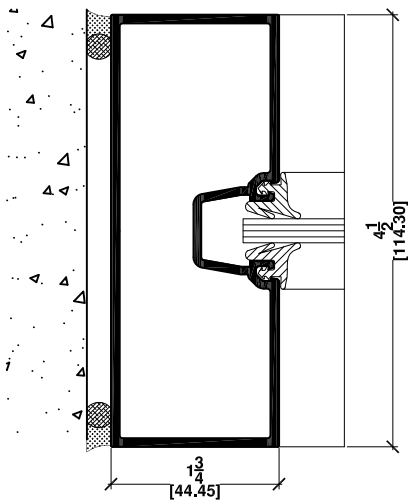
4b HOR. MULLION
FIXED GLASS/S175 DOOR
TWO POCKET MULL.



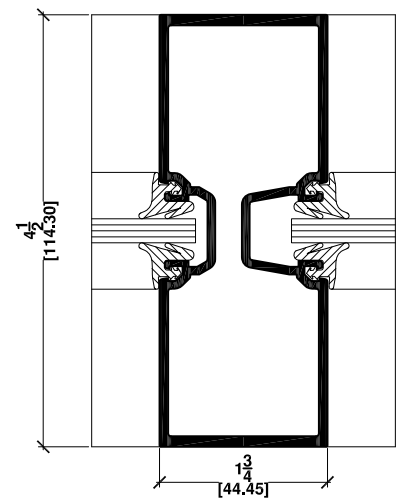
4c HOR. TUBE
FIXED GLASS/
SERIES 175 DOOR



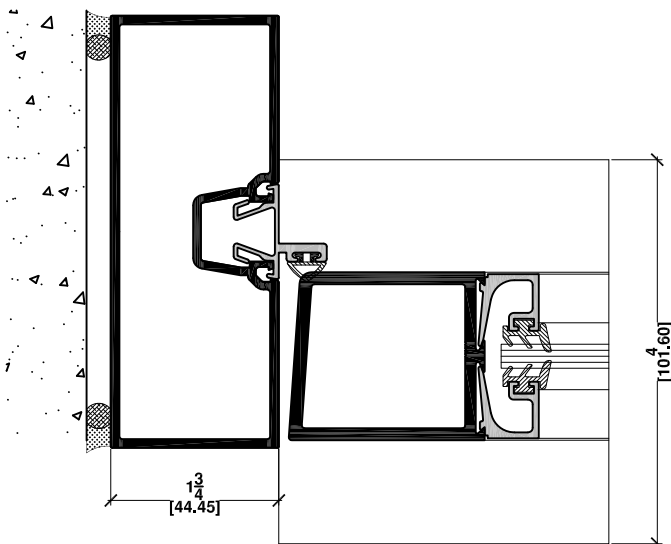
**SERIES 175 DOOR
W/O THRESHOLD**



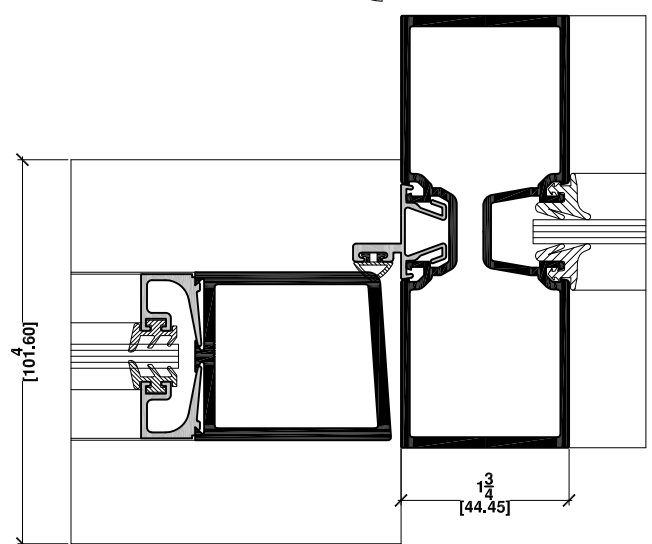
6 JAMB
FIXED GLASS
ONE POCKET MULL. C/B



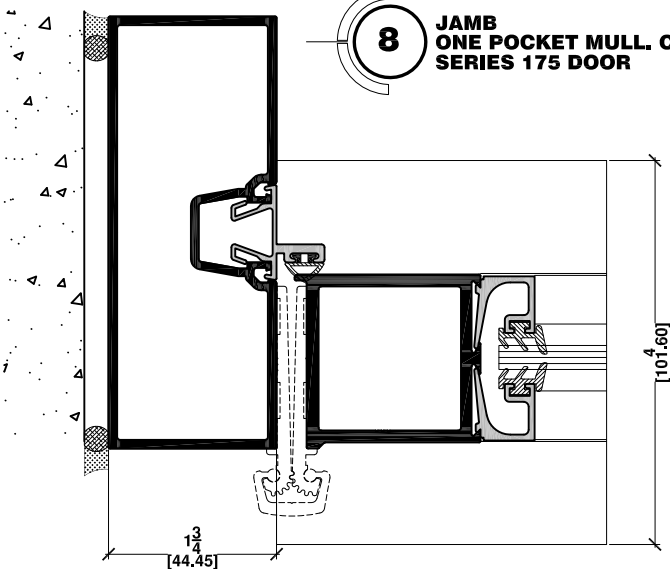
7 VERT. MULLION
FIXED GLASS
TWO POCKET MULL.



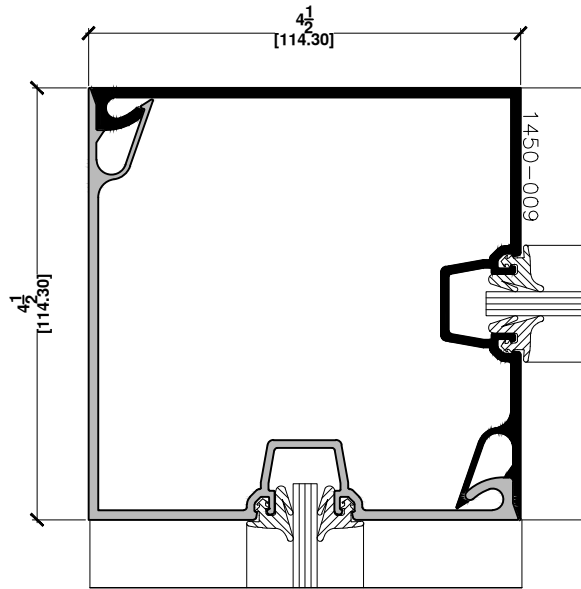
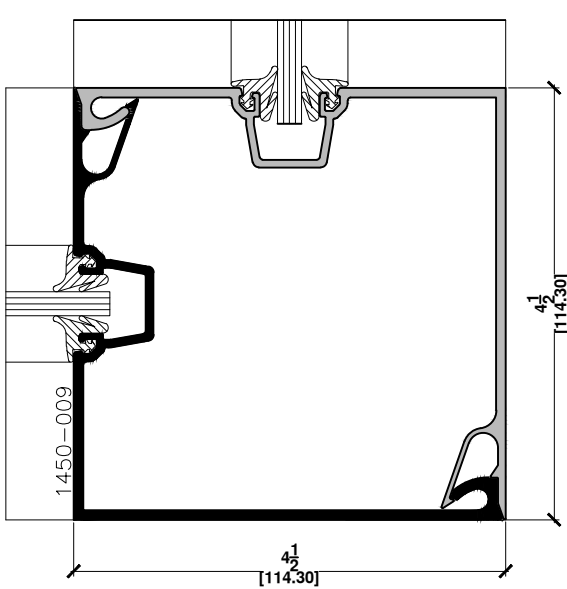
8 JAMB
ONE POCKET MULL. C/B -
SERIES 175 DOOR



9 VERT. MULLION
SERIES 175 DOOR -
TWO POCKET MULL.

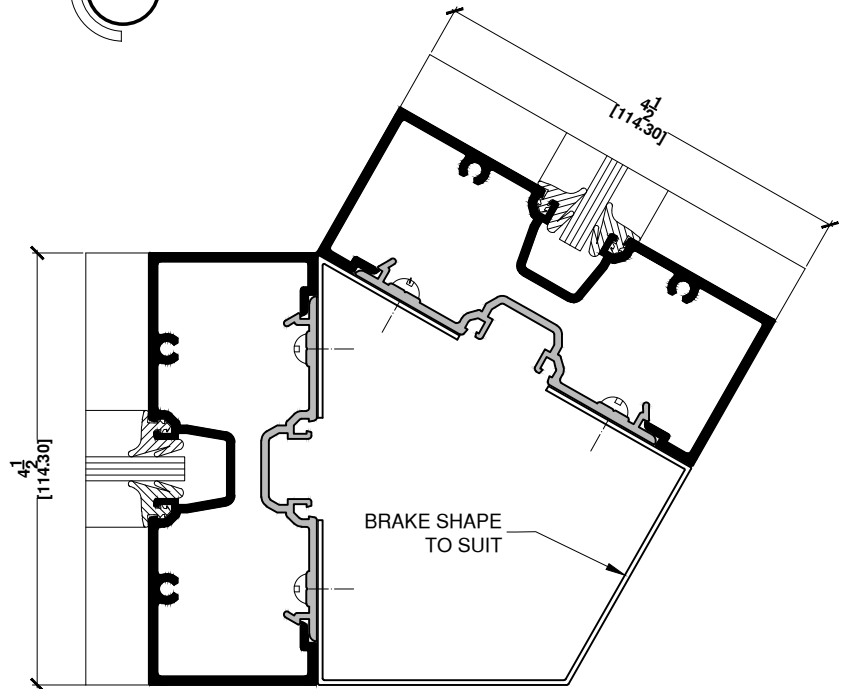
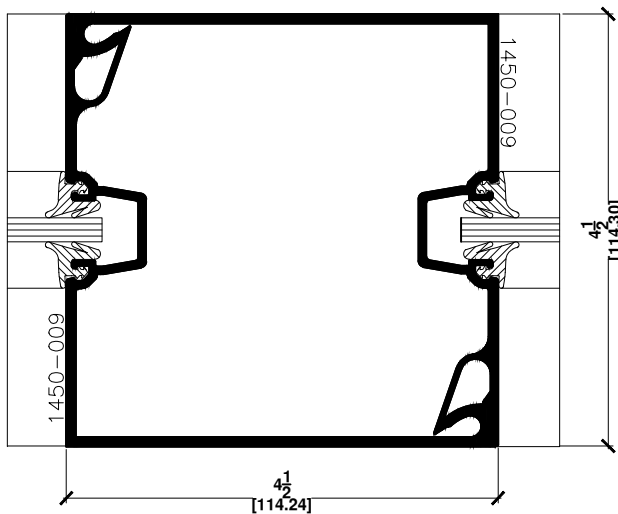


8a JAMB
ONE POCKET MULL. C/B -
SERIES 175 DOOR



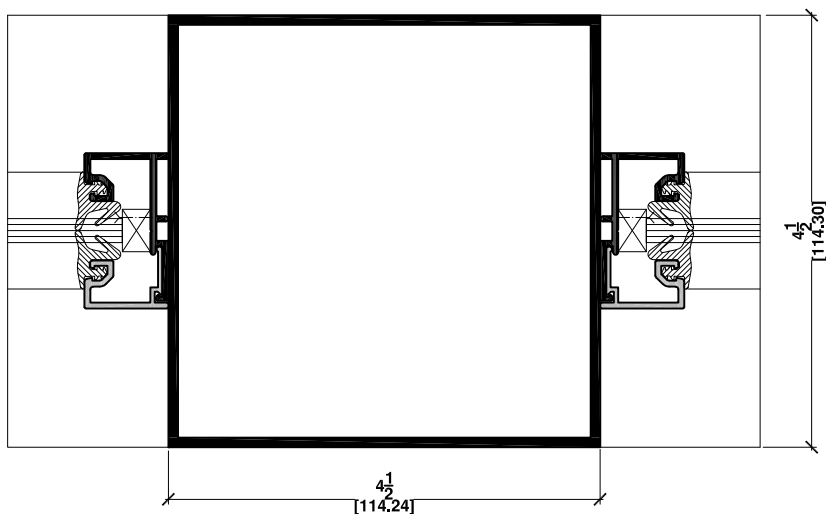
10 90° OUTSIDE CORNER
FIXED GLASS - FIXED GLASS

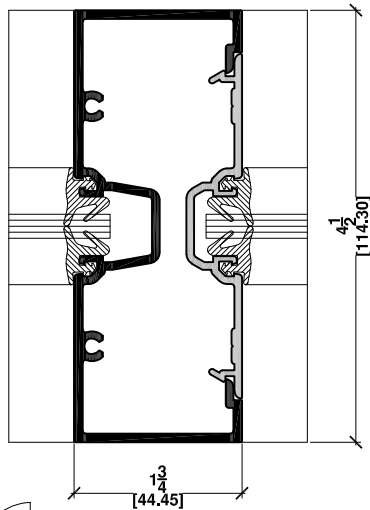
11 90° INSIDE CORNER
FIXED GLASS - FIXED GLASS



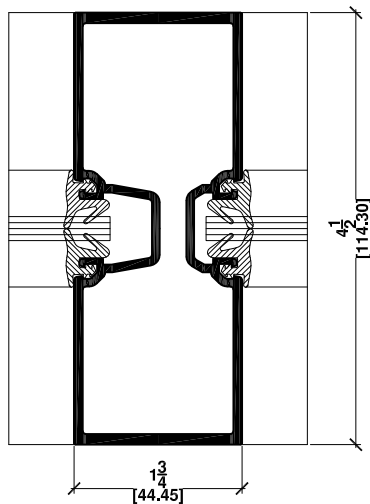
12 MALE & FEMALE MULL.
FIXED GLASS - FIXED GLASS

12a VERT. MULLION
FIXED GLASS - FIXED GLASS
120° OUTSIDE CORNER



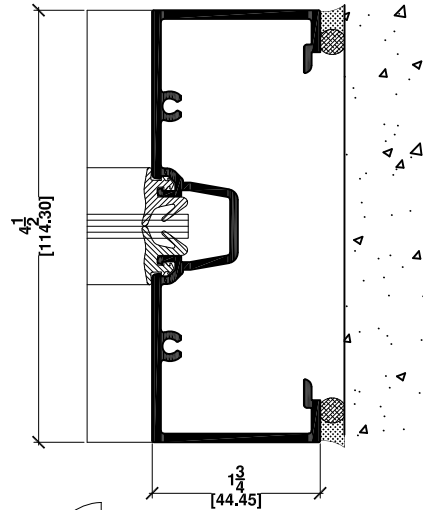


13 VERT. MULLION
FIXED GLASS - FIXED GLASS
O/B MULL. W/ADAPTOR

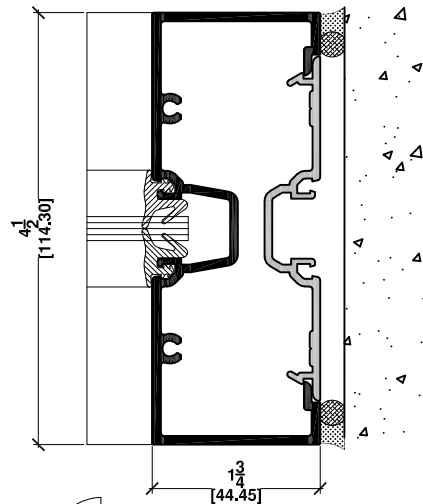


13a VERT. MULLION
FIXED GLASS - FIXED GLASS
TWO POCKET MULL.

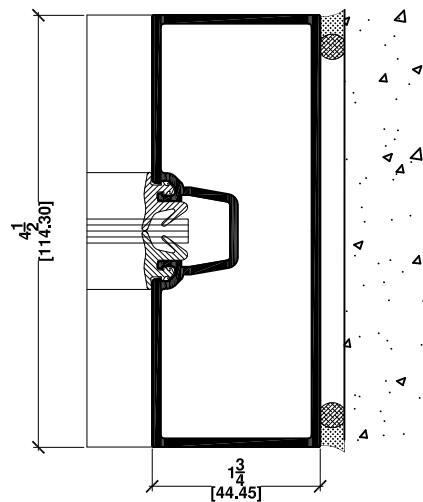
14b JAMB
FIXED GLASS
ONE POCKET MULL. C/B



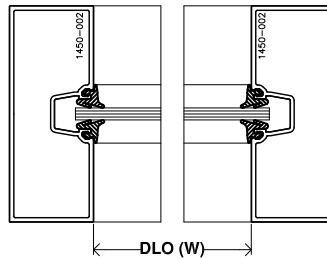
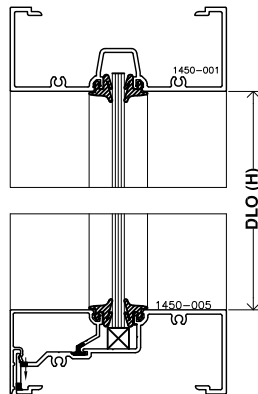
14 JAMB
FIXED GLASS
ONE POCKET MULL. O/B



14a JAMB
FIXED GLASS
O/B MULL. W/ADAPTOR



GLASS CALCULATION



1/8" (3 & 4mm)

3/16" (5.0mm)

1/4" (6.0mm)

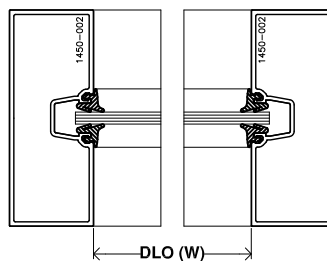
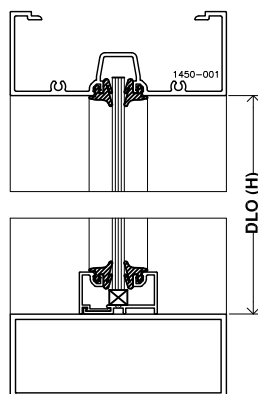
5/16" (8.0mm)

3/8" (10mm)

Glass (W)= DLO(W) + 5/8"(15.9mm)

Glass (H)=DLO(H) + 5/8"(15.9mm)

Note: use the appropriate spline



1/8" (3 & 4mm)

3/16" (5.0mm)

1/4" (6.0mm)

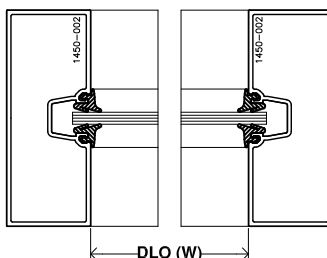
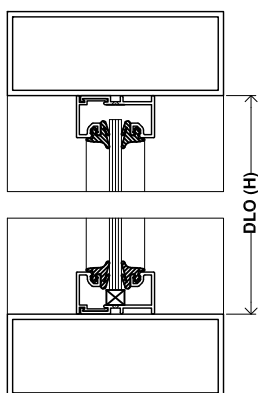
5/16" (8.0mm)

3/8" (10mm)

Glass (W)= DLO(W) + 5/8"(15.9mm)

Glass (H)=DLO(H) - 5/16"(8.0mm)

Note: use the appropriate spline



1/8" (3 & 4mm)

3/16" (5.0mm)

1/4" (6.0mm)

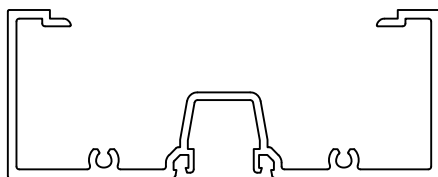
5/16" (8.0mm)

3/8" (10mm)

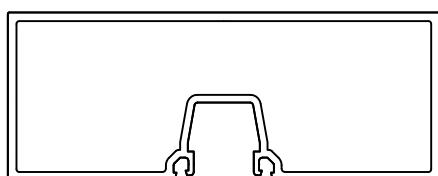
Glass (W)= DLO(W) + 5/8"(15.9mm)

Glass (H)=DLO(H) - 1¹/₈"(28.6mm)

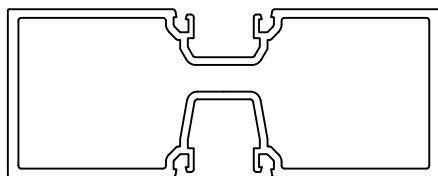
Note: use the appropriate spline



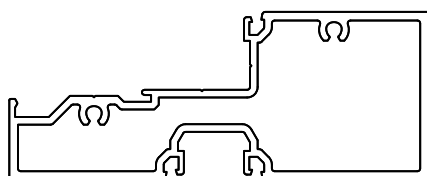
PART #: 1450-001
OPEN BACK ONE POCKET
1-3/4" X 4-1/2"
(44.5mm X 114.3mm)



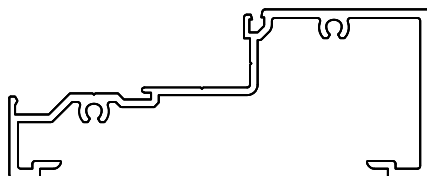
PART #: 1450-002
CLOSED BACK ONE POCKET
1-3/4" X 4-1/2"
(44.5mm X 114.3mm)



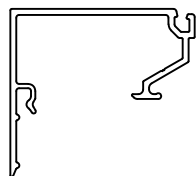
PART #: 1450-003
MULLION TWO POCKET
1-3/4" X 4-1/2"
(44.5mm X 114.3mm)



PART #: 1450-004
CLOSED BACK SILL
1-3/4" X 4-1/2"
(44.5mm X 114.3mm)



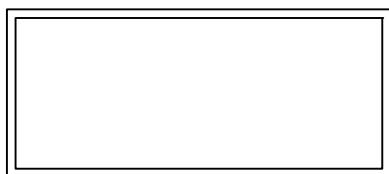
PART #: 1450-005
OPEN BACK SILL
1-3/4" X 4-1/2"
(44.5mm X 114.3mm)



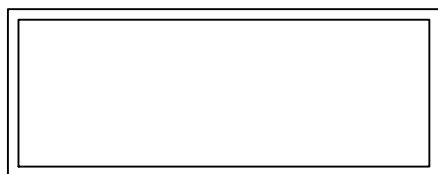
PART #: 1450-006
GLASS STOP
FOR PART #:
1450-004 & 1450-005



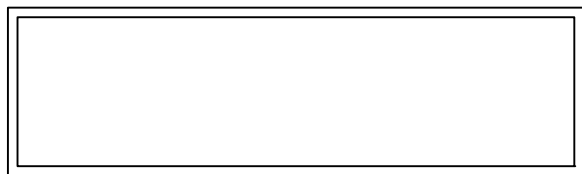
PART #: 1450-007
GLAZING ADAPTOR
FOR PART #:
1450-001 & 1450-005



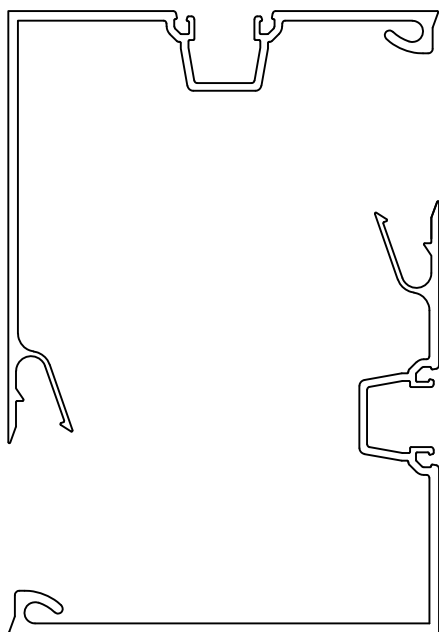
PART #: 400-200
PLAIN TUBE
1-3/4" X 4"
(44.5mm X 101.6mm)



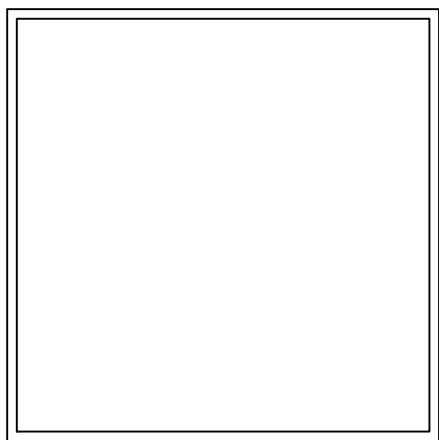
PART #: 450-148
PLAIN TUBE
1-3/4" X 4-1/2"
44.5mm X 114.3mm



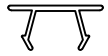
PART #: 400-096
PLAIN TUBE
1-3/4" X 6"
(44.5mm X 152.4mm)



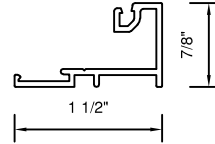
PART #: 1450-008
MULLION CORNER HALF
(MALE) 4-1/2" X 4-1/2"
(114.3mm X 114.3mm)



PART #: 450-119
SQUARE TUBE
4-1/2" X 4-1/2"
(114.3mm X 114.3mm)



PART #: 1450-013
POCKET FILLER



PART #: 1450-020
GLASS STOP BASE
FOR 1/4" (6mm) GLASS



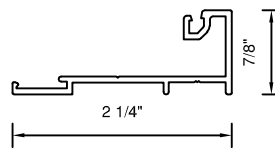
PART #: 1450-014
DOOR STOP
FOR 1-3/4" (44.5mm)
THICK DOOR



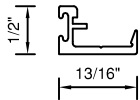
PART #: 1450-021
SNAP ON GLASS STOP
FOR PART #: 1450-016,
1450-020 & 1450-022



PART #: 1450-015
DOOR STOP
FOR 2" (50.8mm)
THICK DOOR



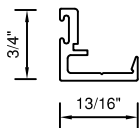
PART #: 1450-022
GLASS STOP BASE
FOR 1" (25mm)
SEALED UNIT



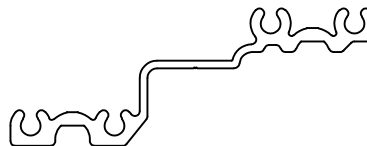
PART #: 450-234
DOOR STOP
BASE
1/2" (12.7mm)



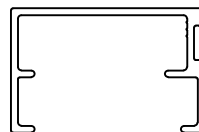
PART #: 1450-901
MULLION BRACKET
TO CONNECT PART #:
1450-002 & 1450-003
TO VERTICAL



PART #: 450-235
DOOR STOP BASE
USE FOR GEAR
CONTINUOUS HINGE



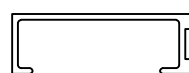
PART #: 1450-902
MULLION BRACKET
TO CONNECT PART #:
1450-004 & 1450-005
TO VERTICAL



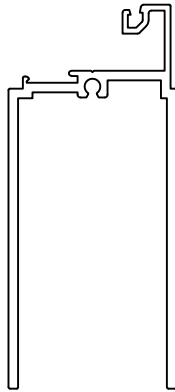
PART #: 450-237
DOOR STOP FOR
LCN/DORMA



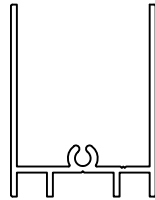
PART #: 450-236
SNAP ON GLASS STOP
USE FOR
PART # 450-234, 235



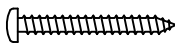
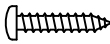
PART #: 450-233
DOOR STOP
USE FOR LCN
CLOSERS



PART #: 1450-016
UPPER SIDELIGHT
BASE
USE GLASS STOP
PART # 1450-021

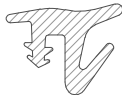


PART #: 1450-017
LOWER SIDELIGHT
BASE

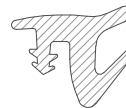
DRAWING	DESCRIPTION	APPLICATION	QTY/ JOINT
	PART #: 9902-505 # 10 X 2" QRH TAP SCREW	TO FASTEN MULLION BRACKET TO VERTICAL	3
	PART #: 9902-503 # 10 X 1" QRH TAP SCREW	USE FOR SCREW PORT ASSEMBLY	2
	PART #: 9902-513 # 10 X 1" QFH TAP SCREW	TO FASTEN HORIZONTAL TO BRACKET	2



9903-140



9903-141



9903-142

FOR APPLICATION USE THE FOLLOWING TABLE:

GLASS THICKNESS	INTERIOR SPLINE	EXTERIOR SPLINE
1/8" (3 & 4mm)	9903-142	9903-142
3/16" (5mm)	9903-141	9903-141
1/4" (6mm)	9903-141	9903-141
5/16" (8mm)	9903-141	9903-140
3/8" (10mm)	9903-140	9903-140



PART # 9903-138
BULB SEAL FOR DOOR STOP

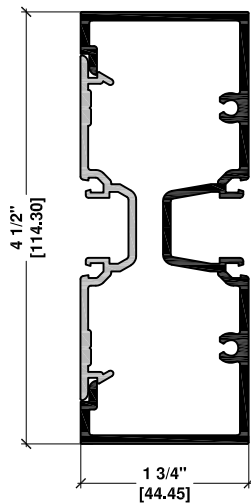


PART #: 9903-143-00
BULB-SEAL FOR DOOR
STOP

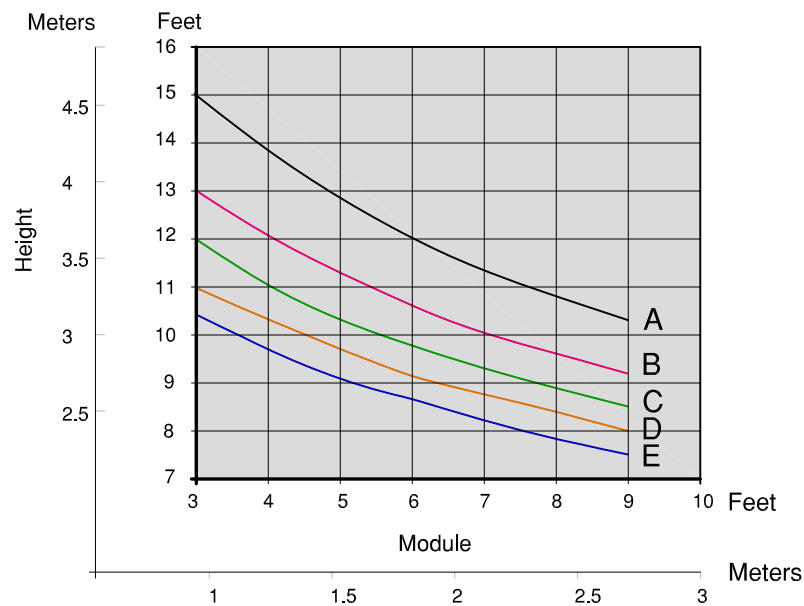


PART # 9903-145
BULB SEAL

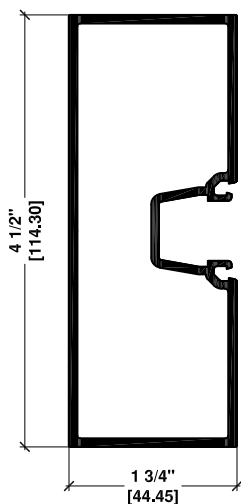
1450-001
OPEN BACK ONE POCKET
1-3/4" x 4-1/2" (44.5mm x 114.3mm)
1450-007
GLAZING ADAPTOR



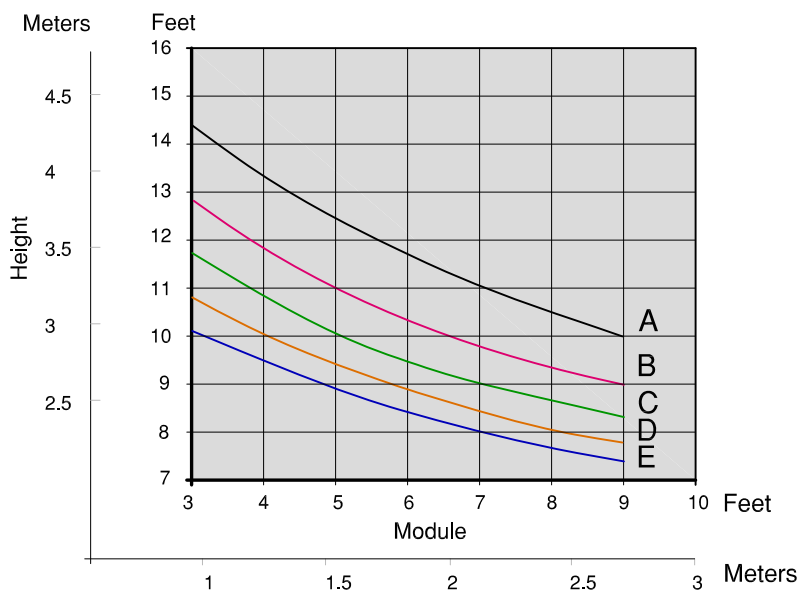
A = 10 psf (0.479 KPa)
B = 15 psf (0.718 KPa)
C = 20 psf (0.958 KPa)
D = 25 psf (1.200 KPa)
E = 30 psf (1.437 KPa)



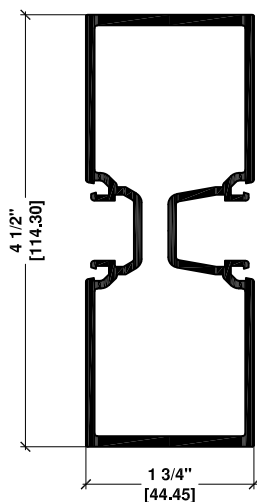
1450-002
CLOSED BACK ONE POCKET
1-3/4" x 4-1/2" (44.5mm x 114.3mm)



A = 10 psf (0.479 KPa)
B = 15 psf (0.718 KPa)
C = 20 psf (0.958 KPa)
D = 25 psf (1.200 KPa)
E = 30 psf (1.437 KPa)



1450-003
MULLION TWO POCKET
1-3/4" x 4-1/2" (44.5mm x 114.3mm)



A = 10 psf (0.479 KPa)
B = 15 psf (0.718 KPa)
C = 20 psf (0.958 KPa)
D = 25 psf (1.200 KPa)
E = 30 psf (1.437 KPa)

