

TECHNICAL DATA

DESCRIPTION:

THERMALLY BROKEN OPERABLE WINDOW SYSTEM. THE 225 SERIES IS AVAILABLE IN OPEN OUT CASEMENT WITH EXPOSED BUTT HINGES AND PROJECTED OUT VENT WITH CONCEALED 4 BAR HINGES.

COMPATIBILITY:

GLAZED INTO PUNCHED OPENINGS, COMMDOOR ALUMINUM'S CURTAIN SYSTEM WALL AND WINDOWS FRAMING SYSTEMS.
SPECIFY OPENING TYPE WHEN ORDER TO DETERMINE THE TYPE FRAME AND THE DRAINAGE SYSTEM.

FINISH:

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

PRODUCT:

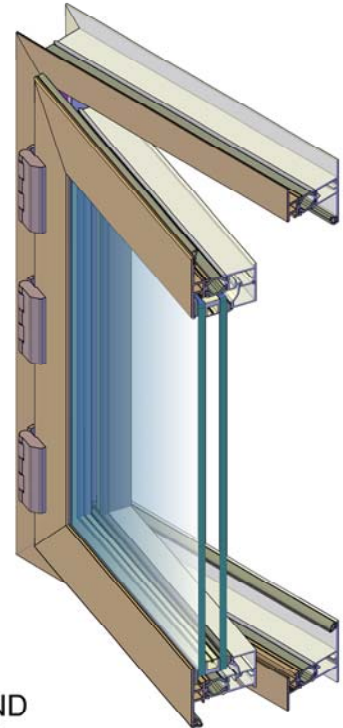
FABRICATED PRODUCT ONLY

SIZE LIMITATION: SEE SIZE LIMITATION CHART P02~P05.**PERFORMANCE:**

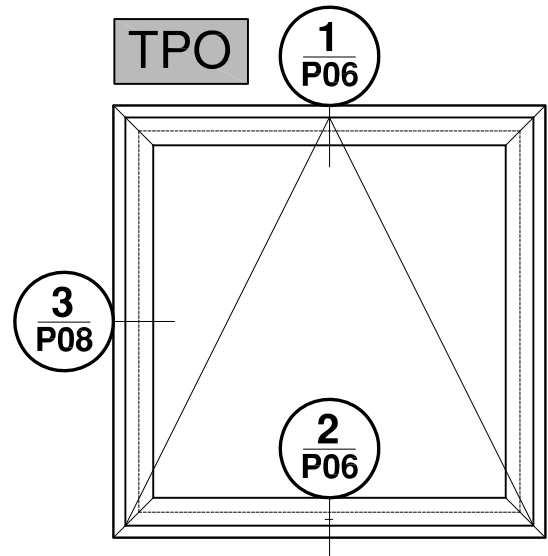
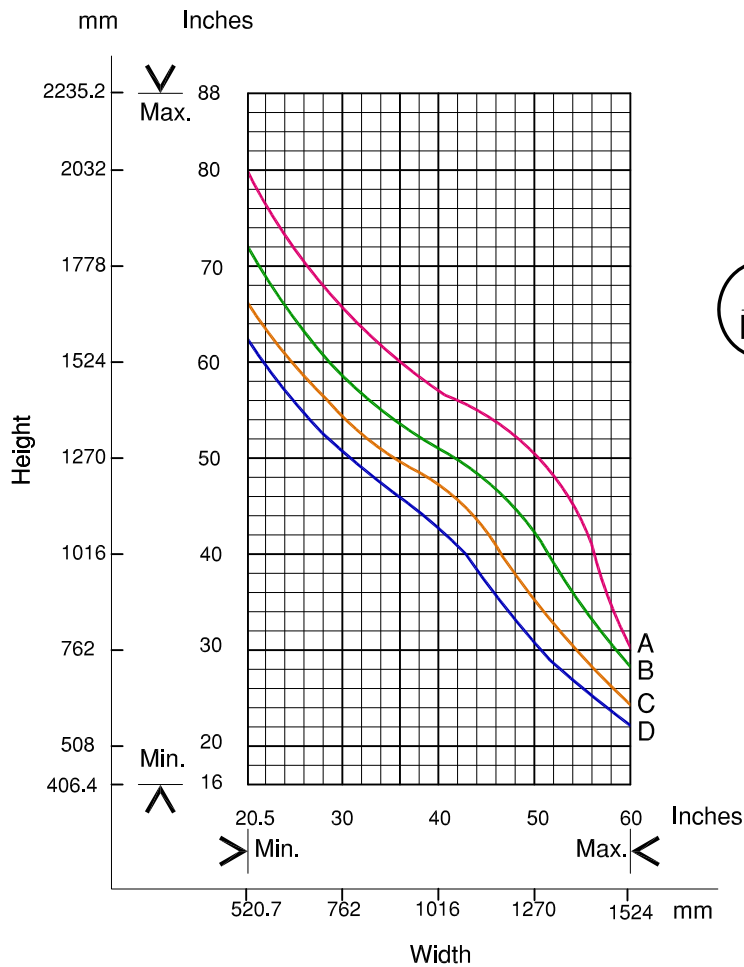
TEST REPORT ARE AVAILABLE UPON REQUEST

GLAZING:

225 SERIES IS AN INTERIOR GLAZED SYSTEM AND WILL ACCEPT 1" (25mm) SEALED UNIT GLASS AND 1-5/8" (41mm) TRIPLE GLAZED UNIT.
SEE PAGE 12 FOR SILICONE HEEL BEAD RECOMMENDATIONS.



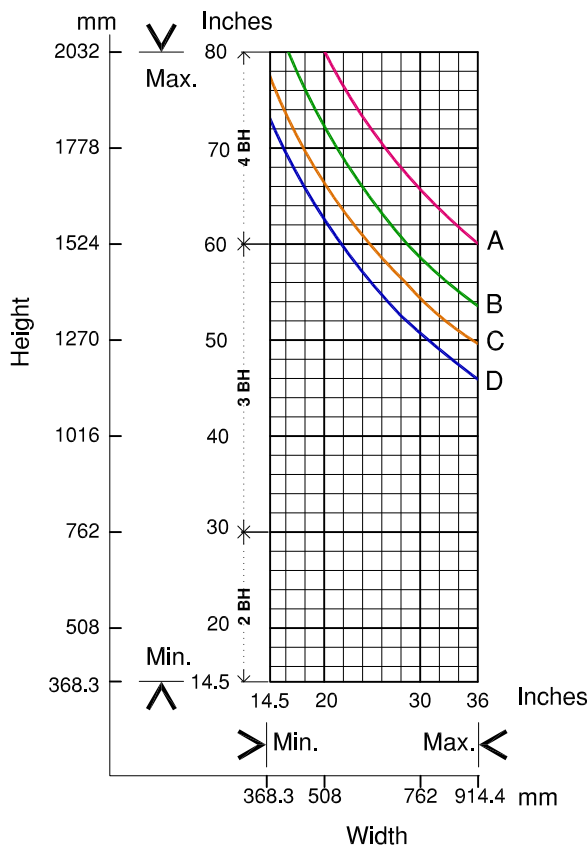
WIND LOAD



A = 25 psf (1.2 KPa)
B = 30 psf (1.4 KPa)
C = 35 psf (1.7 KPa)
D = 40 psf (1.9 KPa)

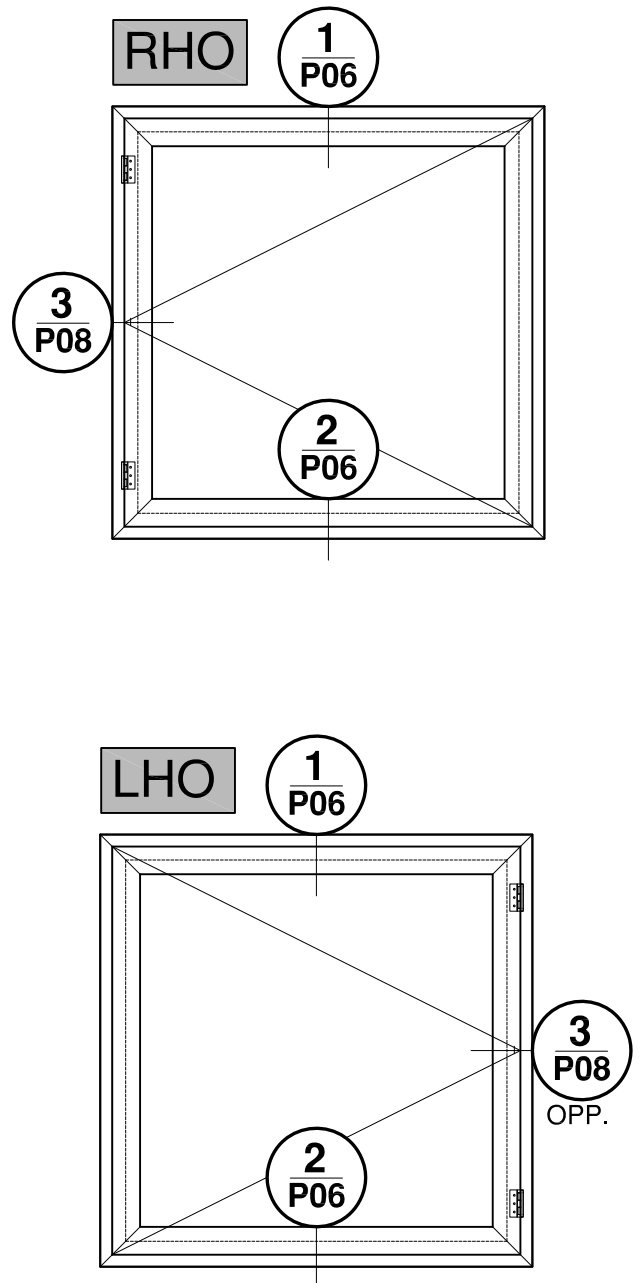
Note: When the size out side the Chart, contact Customer Service

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B = 30 psf (1.4 KPa)
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D = 40 psf (1.9 KPa)

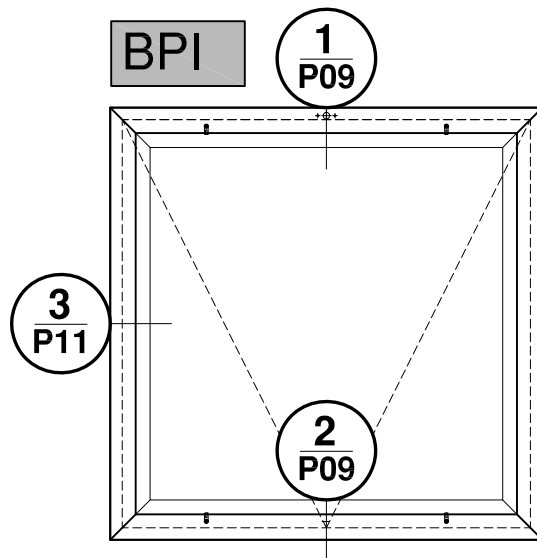
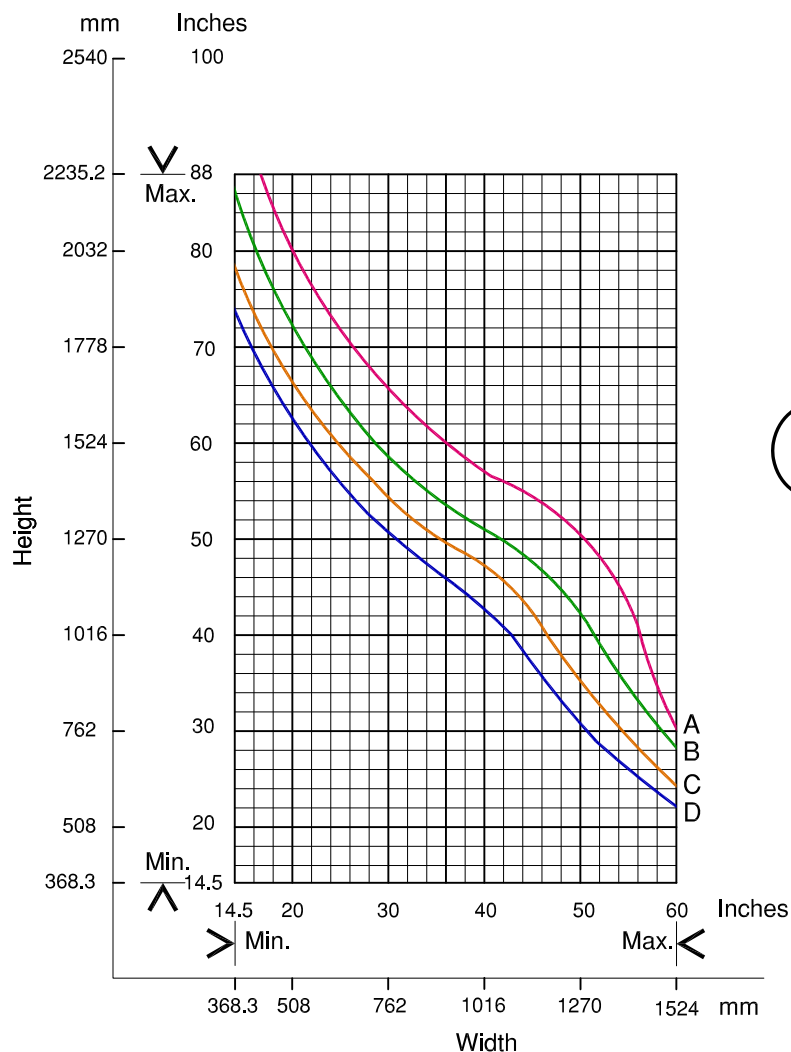
Note: When the size out side the Chart, contact Customer Service
BH= BUTT HINGES



OPERABLE SYSTEM-OPEN OUT

P03

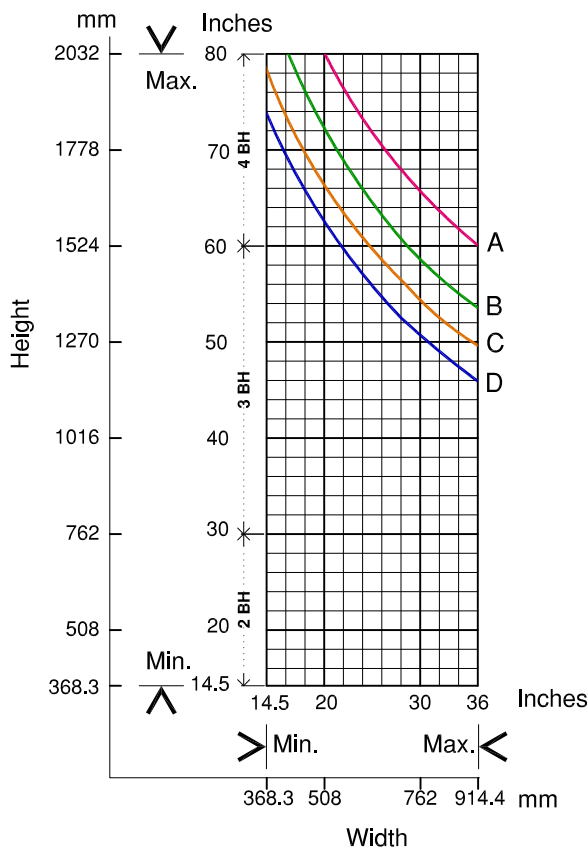
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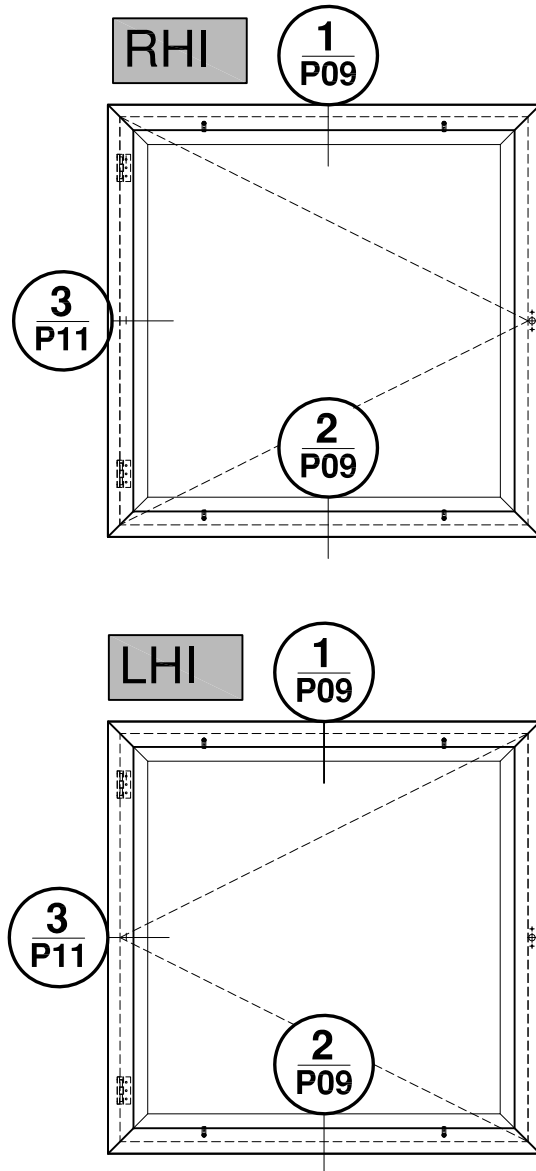
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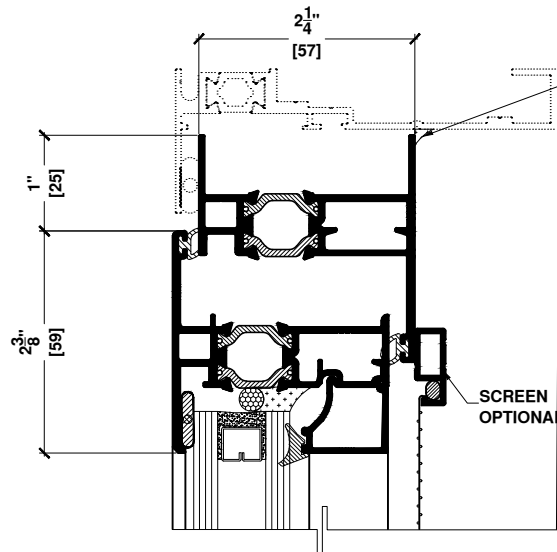
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D = 40 psf (1.9 KPa)

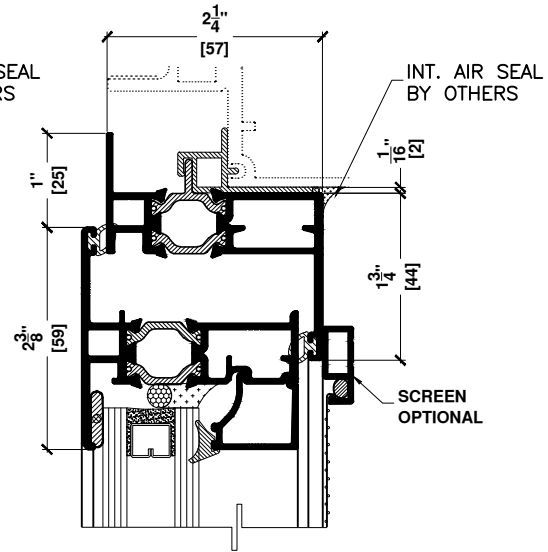
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BH= BUTT HINGES





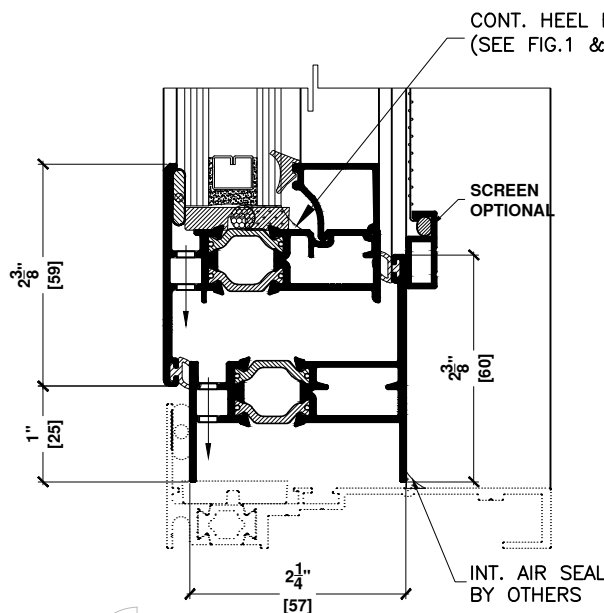
1

**2 1/4" OPERABLE
WINDOW-HEAD COND.
FOR FIXED WINDOW**



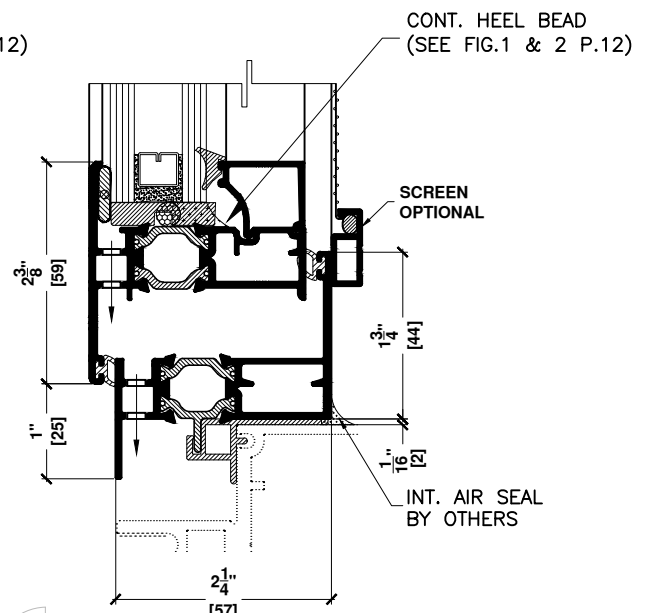
1a

**2 1/4" OPERABLE
WINDOW-HEADER CONDITION
FOR CURTAIN WALL S8000**



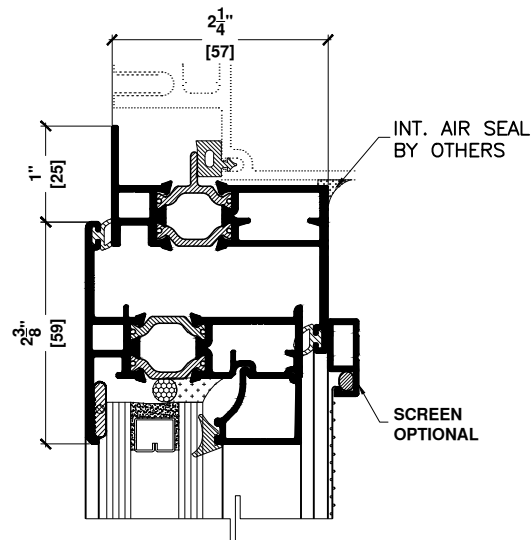
2

**2 1/4" OPERABLE
WINDOW-SILL COND.
FOR FIXED WINDOW**



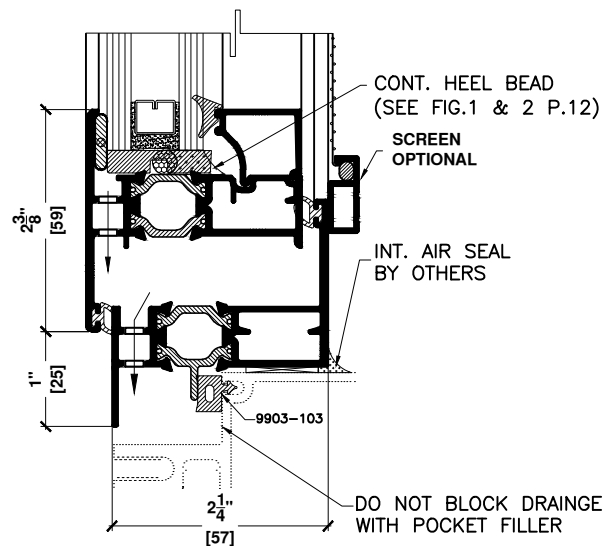
2a

**2 1/4" OPERABLE
WINDOW-SILL CONDITION
FOR CURTAIN WALL S8000**



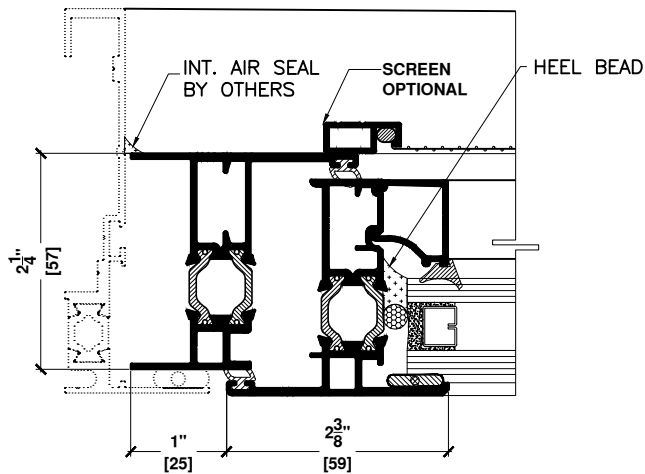
1b

**2 1/4" OPERABLE
WINDOW-HEADER CONDITION
FOR CURTAIN WALL S5000**

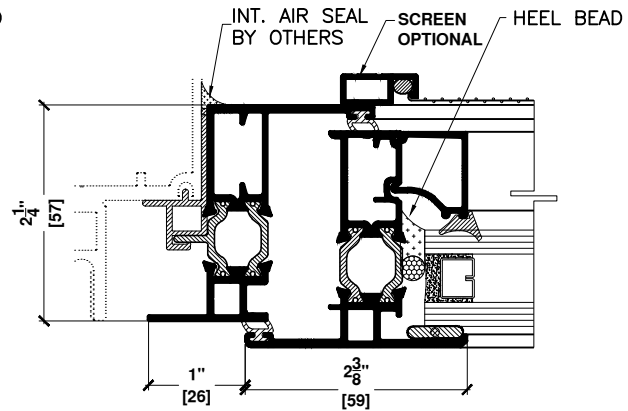


2b

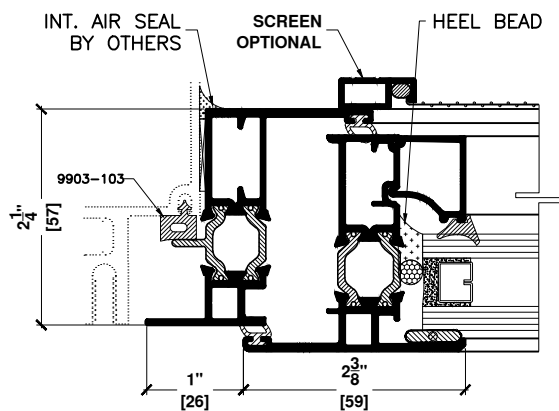
**2 1/4" OPERABLE
WINDOW-SILL CONDITION
FOR CURTAIN WALL S5000**



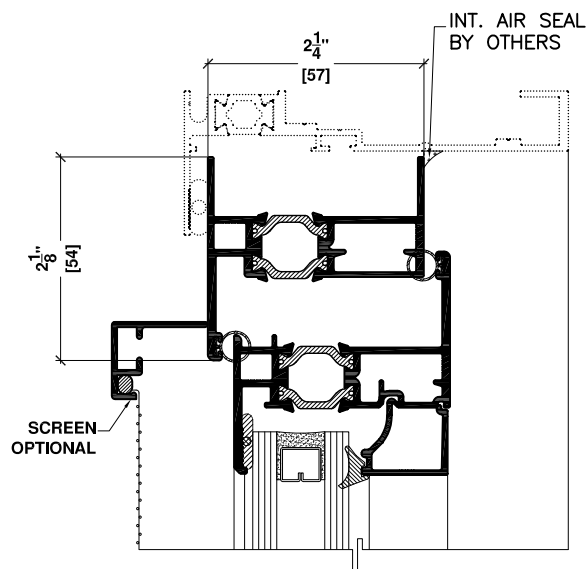
3 2 1/4" OPERABLE
WINDOW-JAMB COND.
FOR FIXED WINDOW



3a 2 1/4" OPERABLE
WINDOW-JAMB CONDITION
FOR CURTAIN WALL S8000

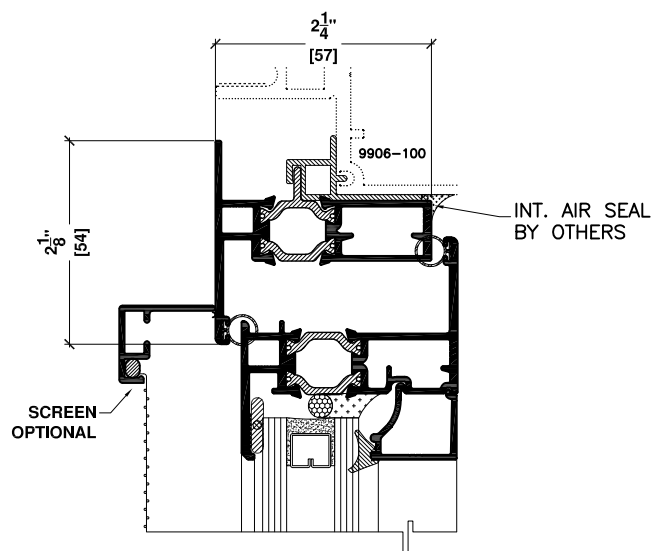


3b 2 1/4" OPERABLE
WINDOW-JAMB CONDITION
FOR CURTAIN WALL S5000



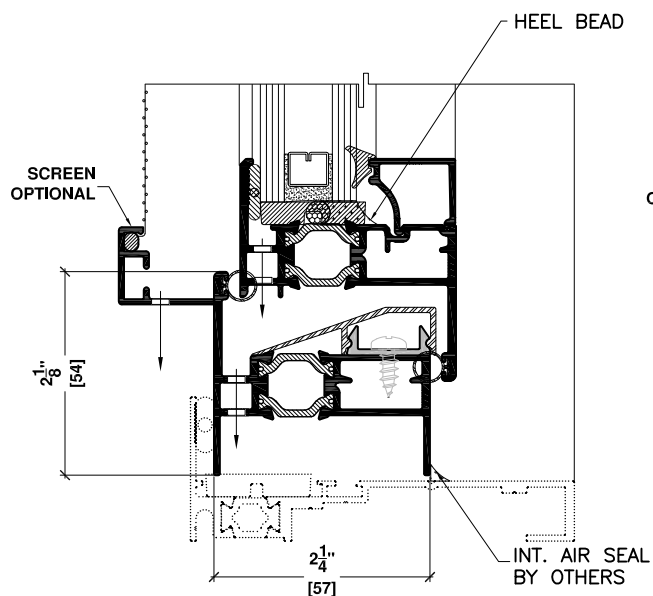
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**2 1/4" OPERABLE
WINDOW-HEAD COND.
FOR FIXED WINDOW**



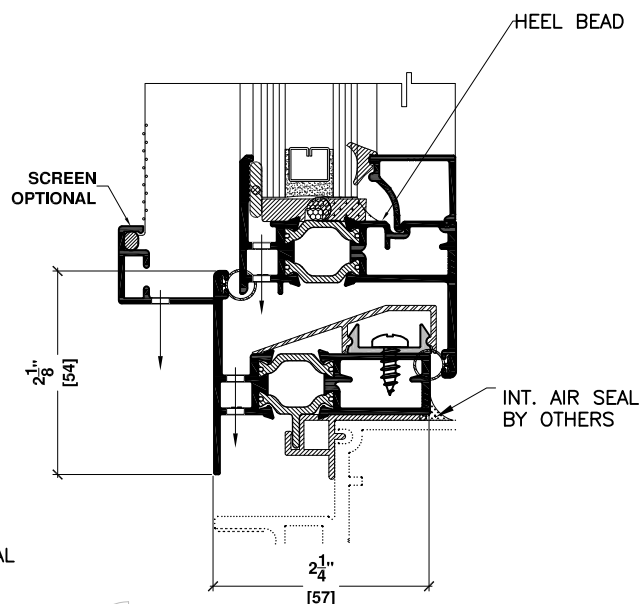
1a

**2 1/4" OPERABLE
WINDOW-HEADER CONDITION
FOR CURTAIN WALL S8000**



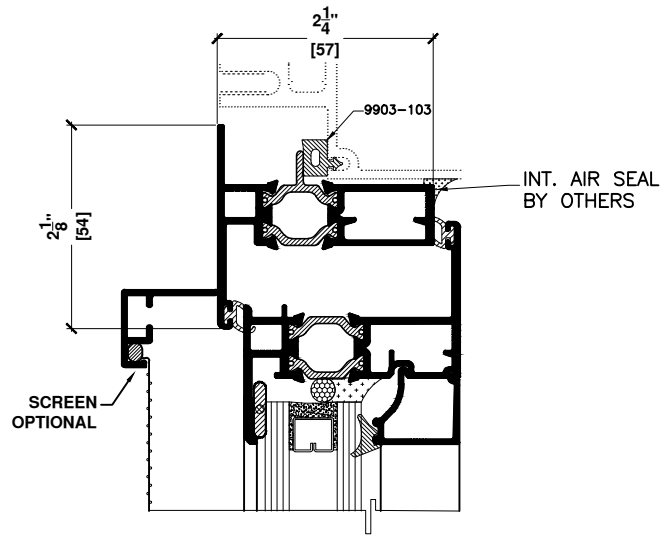
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**2 1/4" OPERABLE
WINDOW-SILL COND.
FOR FIXED WINDOW**



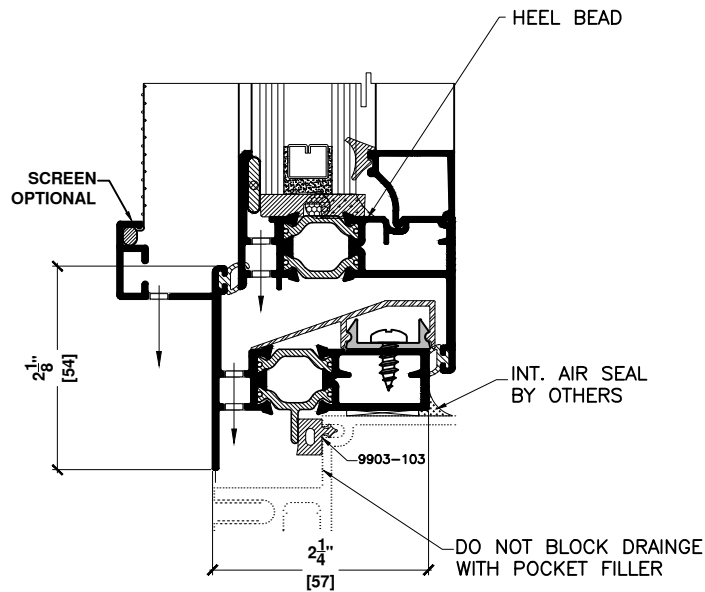
2a

**2 1/4" OPERABLE
WINDOW-SILL CONDITION
FOR CURTAIN WALL S8000**



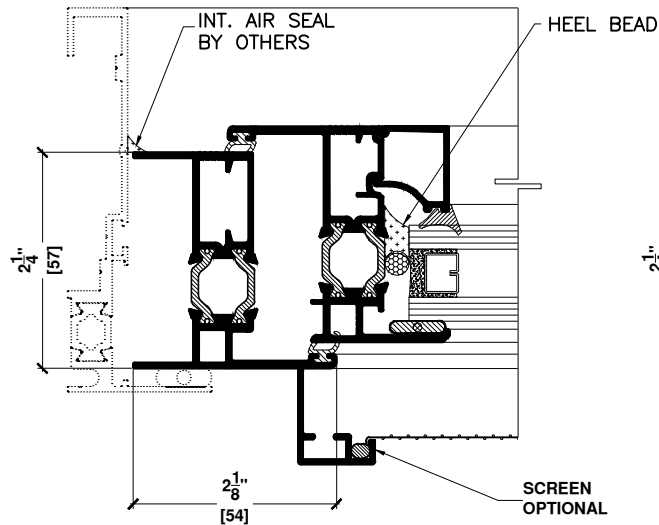
1b

**2 1/4" OPERABLE
WINDOW-HEADER CONDITION
FOR CURTAIN WALL S5000**

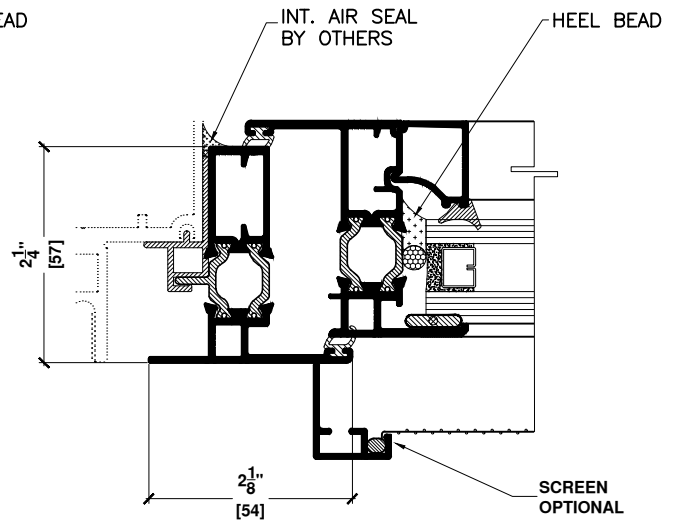


2b

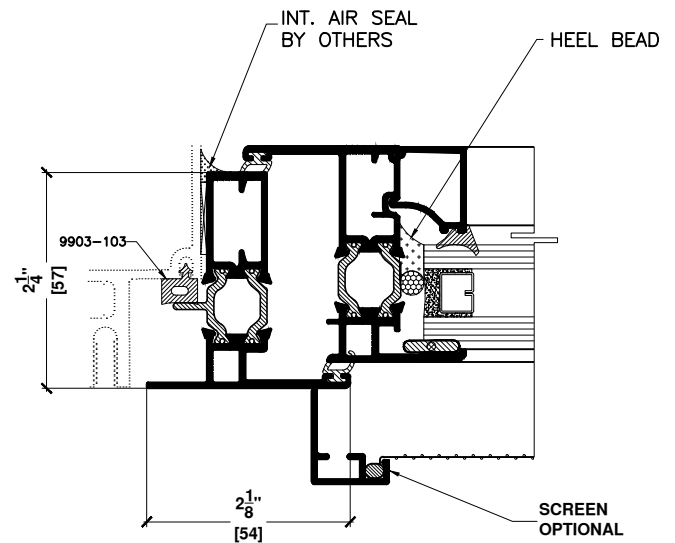
**2 1/4" OPERABLE
WINDOW-SILL CONDITION
FOR CURTAIN WALL S5000**



3 2 1/4" OPERABLE
WINDOW-JAMB COND.
FOR FIXED WINDOW

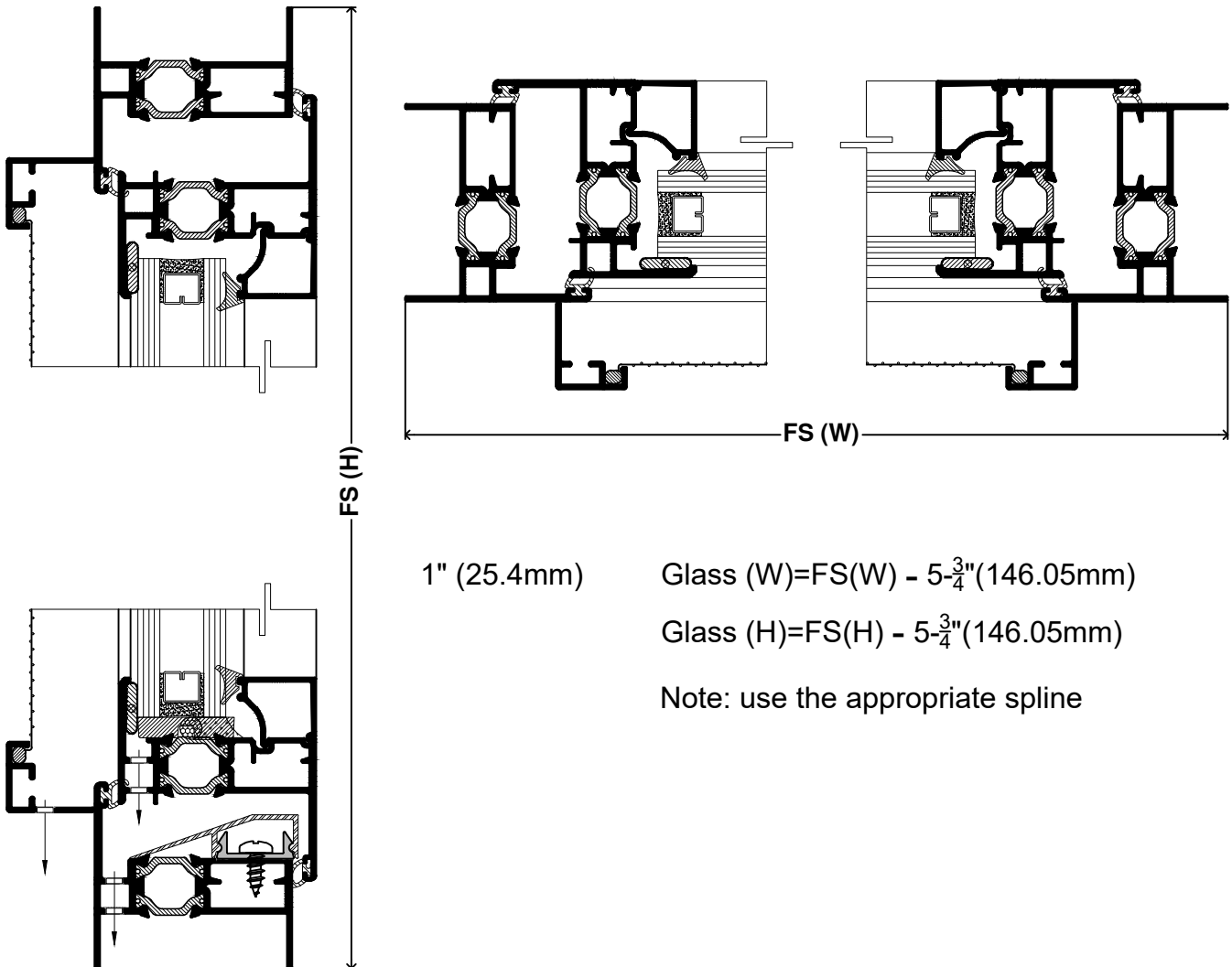


3a 2 1/4" OPERABLE
WINDOW-JAMB CONDITION
FOR CURTAIN WALL S8000



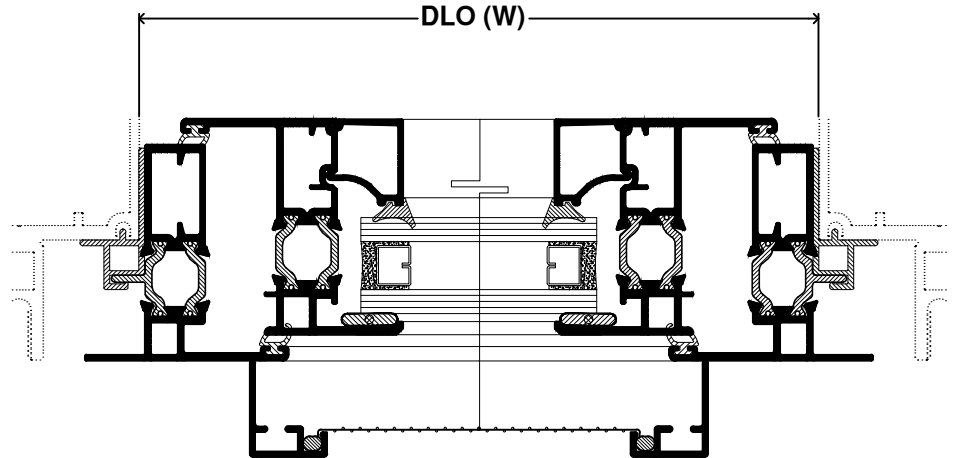
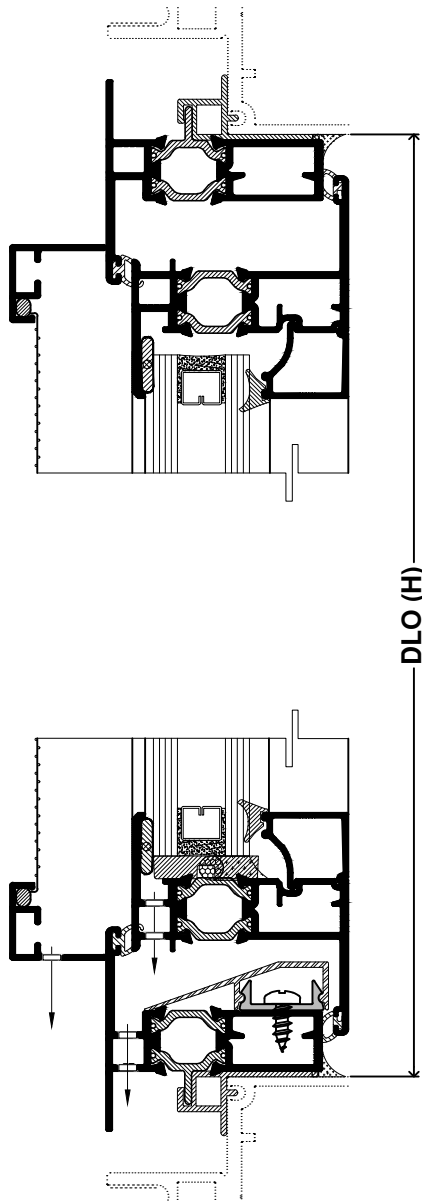
3b 2 1/4" OPERABLE
WINDOW-JAMB CONDITION
FOR CURTAIN WALL S5000

GLASS CALCULATION



GLASS CALCULATION

FOR OPEN IN & OPEN OUT WINDOW
ON CURTAIN WALL

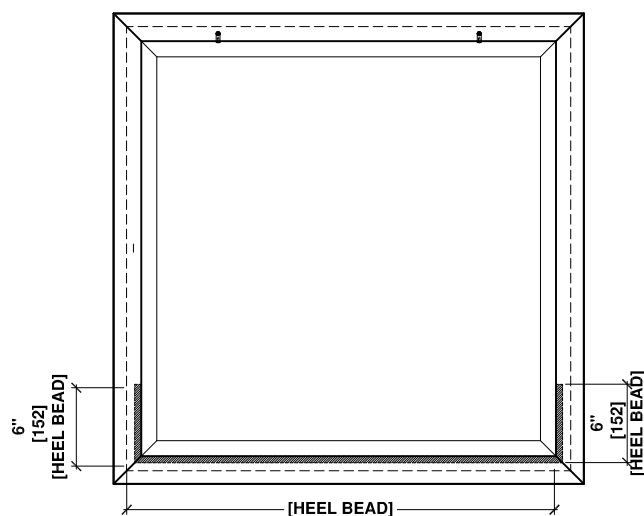
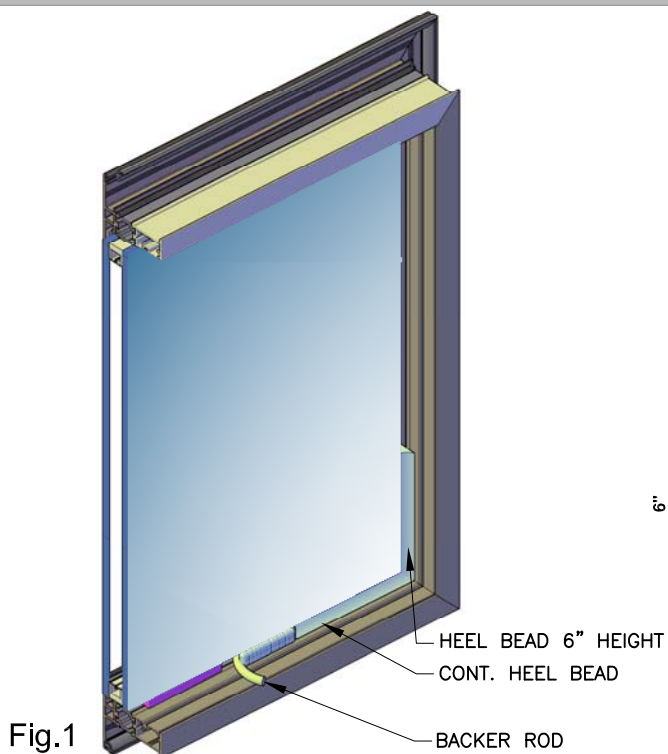


1" (25.4mm)

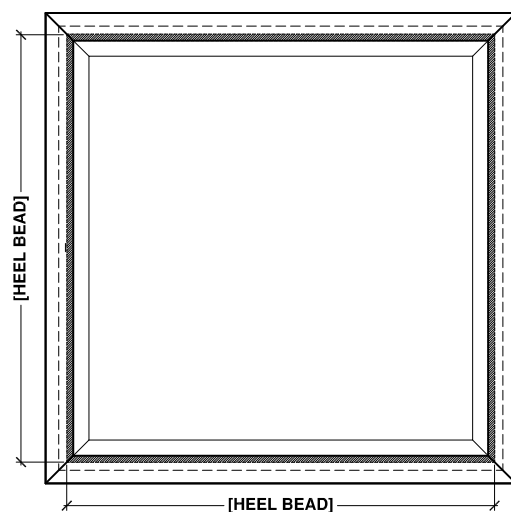
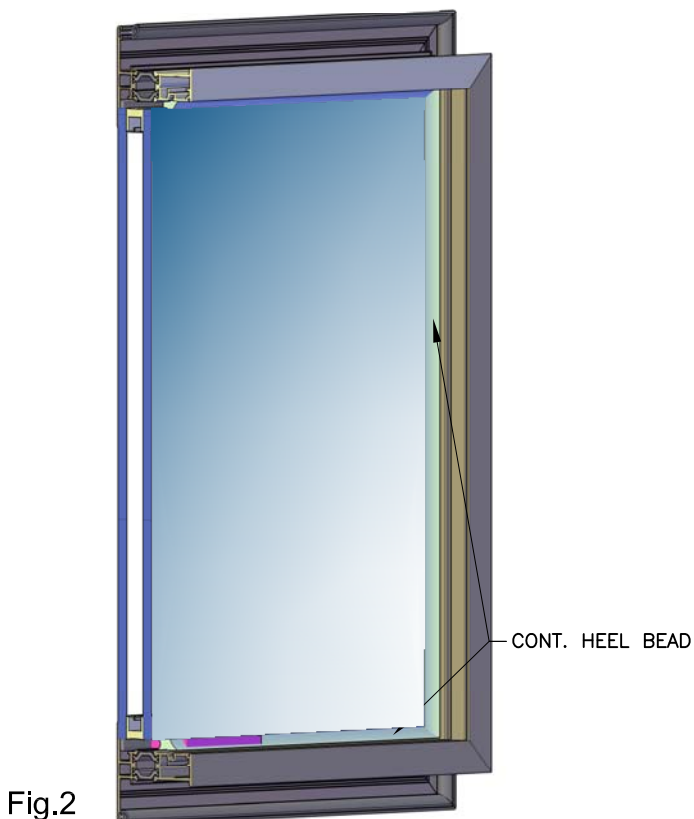
Glass (W)=DLO(W) - 4 $\frac{1}{2}$ "(114.30mm)

Glass (H)=DLO(H) - 4 $\frac{1}{2}$ "(114.30mm)

Note: use the appropriate spline



Operable windows ≤ 15 sq. ft. heel bead should be continuous at the sill and 6" up the jambs.



Operable windows > 15 sq. ft. heel bead should be continuous around sash.