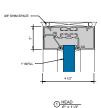


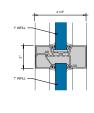
KAWNEER AN ARCONIC COMPANY

Technology Park/Atlanta Norcross, GA 30092 USA



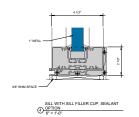
Trifab™ 451UT Framing System - Center Set - Outside Glazed - Typical Framing Details - 1" Infill

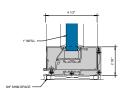




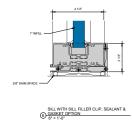
@ HORIZONTAL 6" = 1'-0"

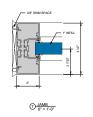






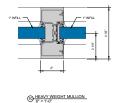
SILL WITH SEALANT & GASKET OPTION

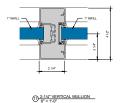


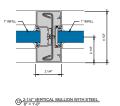




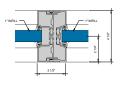




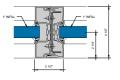




Trifab™ 451UT Framing System - Center Set - Outside Glazed - Typical Framing Details - 1" Infill



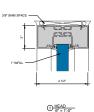
1 EXPANSION MULLION

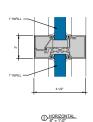


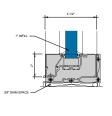
② EXPANSION MULLION WITH STEEL



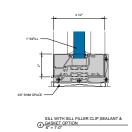
Trifab™ 451UT Framing System - Center Set - Outside Glazed - Optional Glass Stops "Up" - Typical Framing Details - 1" Infill

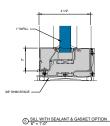


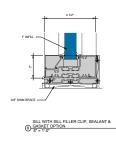


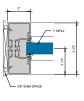


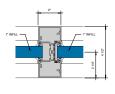
3 SILL WITH SEALANT OPTION



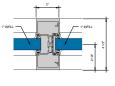


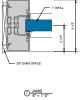






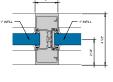


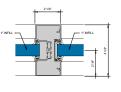


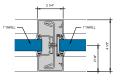












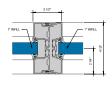
9 MEDIUM WEIGHT MULLION

HEAVY WEIGHT MULLION

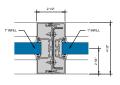
① 2-1/4" VERTICAL MULLION 6" = 1'-0"

(2-1/4" VERTICAL MULLION WITH STEEL

Trifab™ 451UT Framing System - Center Set - Outside Glazed - Optional Glass Stops "Up" - Typical Framing Details - 1" Infill







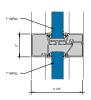
② EXPANSION MULLION WITH STEEL



Trifab™ 451UT Framing System - Center Set - Inside Glazed - Typical Framing Details - 1" Infill



① HEAD 6" = 1'-0"



2) HORIZONTAL



3 SILL WITH SEALANT OPTION 6" = 1'-0"



SILL WITH SILL FILLER CLIP, SEALANT & GASKET OPTION-3A-3



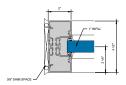
SILL WITH SEALANT & GASKET OPTION
\$\frac{3B-3}{6"} = 1'-0"



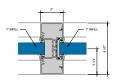
SILL WITH SILL FILLER CLIP, SEALANT

© OPTION-3C-3

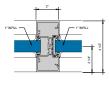
6" = 1'-0"



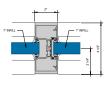
7 JAMB 6" = 1'-0"



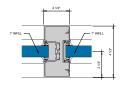
8 VERTICAL MULLION 6" = 1'-0"



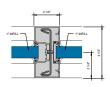
MEDIUM WEIGHT MULLION
 6" = 1'-0"



10 HEAVY WEIGHT MULLION



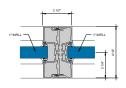
1) 2-1/4" VERTICAL MULLION 6" = 1'-0"



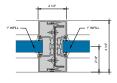
(2) 2-1/4" VERTICAL MULLION WITH STEEL



Trifab™ 451UT Framing System - Center Set - Inside Glazed - Typical Framing Details - 1" Infill

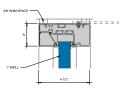


① EXPANSION MULLION 6" = 1'-0"

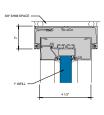


② EXPANSION MULLION WITH STEEL 6" = 1'-0"

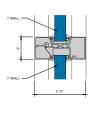




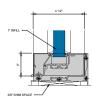
1 HEAD WISTRAP ANCHOR



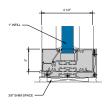
@ HEAD W/RECEPTOR.



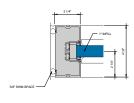
3 HORIZONTAL



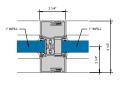
4 SILL WITH SCREW DOWN



SILL WITH SILL FILLER CLIP



6 FIRST BAY JAMB

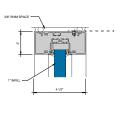


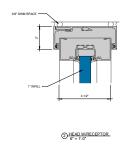
O VERTICAL MULLION

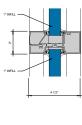


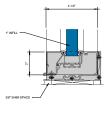
B LAST BAY JAMB









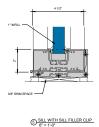


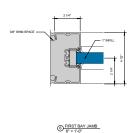


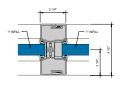
1 HEAD W/STRAP ANCHOR

3 HORIZONTAL 6" = 1'-0"

4 SILL WITH SCREW DOWN





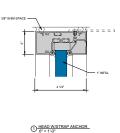


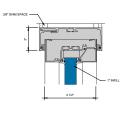
Terrical Mullion

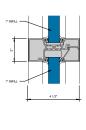
6° = 1'-0"

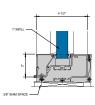


Trifab™ 451UT Framing System - Center Set - Inside Glazed - Pre-Glazed Option Details - 1" Infill



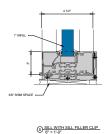


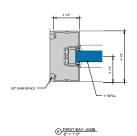


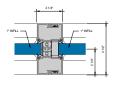


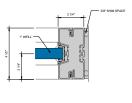
2 HEAD W/RECEPTOR

3 HORIZONTAL 6" = 1'-0" (4) SILL WITH SCREW DOWN





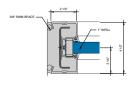




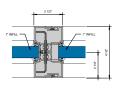
7 VERTICAL MULLION 6" = 1'-0"

8 LAST BAY JAMB 6" = 1'-0"

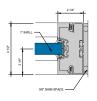




FIRST BAY JAMB WITH STEEL
REINFORCEMENT



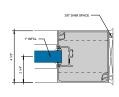
② VERTICAL WITH STEEL



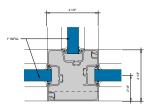
3 LAST BAY JAMB HW JAMB



Trifab™ VG 451UT Framing System - Center Set - Typical Corner Details - 1" Infill



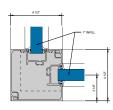




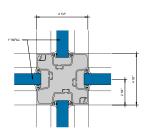
(5) CORNER POST THREE POCKETS.



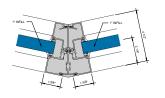
9 VARIABLE BRAKE METAL CORNER



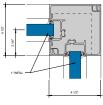
2 90° OUTSIDE CORNER TWO POCKETS 6° = 1'-0°



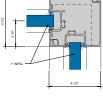
6 CORNER POS FOUR POCKETS

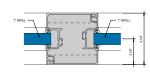


(D) ADJUSTABLE PIVOT OUTSIDE CORNER

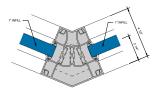


3 90° INSIDE CORNER TWO POCKETS 6° = 1'.0°

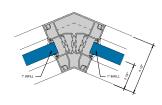




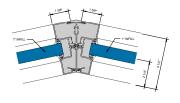
⊕ CORNER POST TWO POCKETS 6" = 1'-0"



135° OUTSIDE CORNER 6° = 1'-0"



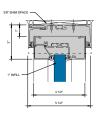
8 135" INSIDE CORNER 6" = 1'-0"



1 ADJUSTABLE PIVOT INSIDE CORNER



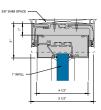
Trifab™ 451UT Framing System - Center Set - Outside Glazed - Head and Jamb Compensating Details - 1" Infill



COMPENSATING RECEPTOR FOR

OUTSIDE GLAZED HEAD

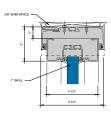
6" = 1'-0"



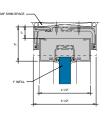
HW COMPENSATING RECEPTOR FOR

OUTSIDE GLAZED HEAD

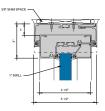
6" = 1'-0"



COMPENSATING RECEPTOR FOR OUTSIDE GLAZED HEADGLASS STOPS (3) "UP" (3) "B" - 1"-0"



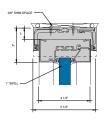
HW COMPENSATING RECEPTOR FOR OUTSIDE GLAZED HEAD GLASS STOPS



COMPENSATING RECEPTOR FOR

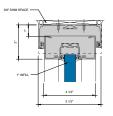
S INSIDE GLAZED HEAD

6" = 1'-0"



HW COMPENSATING RECEPTOR FOR

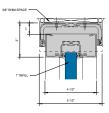
| INSIDE GLAZED HEAD |
| 6" = 1'-0"



ONE PIECE COMPENSATING RECEPTOR FOR OUTSIDE GLAZED HEAD GLASS

STOPS "UP"

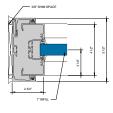
6" = 1"-0"



HW ONE PIECE COMPENSATING HE.
RECEPTOR FOR OUTSIDE GLAZED

B HEAD GLASS STOPS "UP"

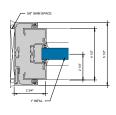
6" = 1'.0"



COMPENSATING RECEPTOR FOR

OUTSIDE GLAZED JAMB

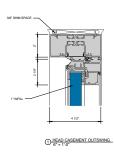
6" = 1'-0"

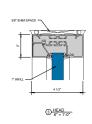


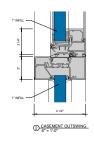
COMPENSATING RECEPTOR FOR OUTSIDE GLAZED JAMB

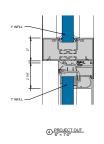


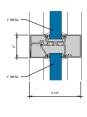
Trifab™ 451UT Framing System with Glassvent™ UT Windows Details - Center Set - Outside Glazed - 1" Infill

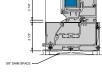




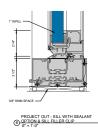








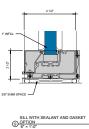


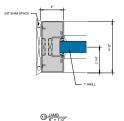


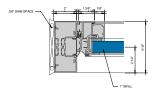




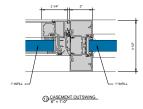






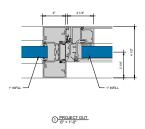


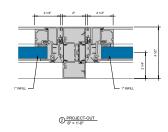
① CASEMENT OUTSWING 6" = 1'-0"

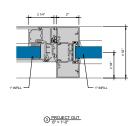


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Trifab™ 451UT Framing System with Glassvent™ UT Windows Details - Center Set - Outside Glazed - 1" Infill

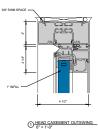




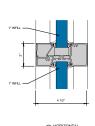




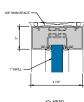
Trifab™ 451UT Framing System - GLASSvent UT Windows Details - Center Set - Outside Glazed - Optional Glass Stops "Up" - 1" Infill



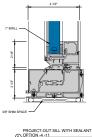




6 HORIZONTAL



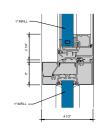
② HEAD 6* = 1'-0*



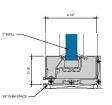
PROJECT-OUT SILL WITH SEALANT

OPTION -4 -11

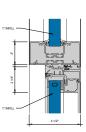
6* = 1'-0"



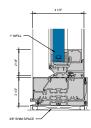
3 CASEMENT OUTSWING 6" = 1'-0"



7 SILL WITH SEALANT OPTION 6" = 1'-0"



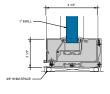
4 PROJECT-OUT 6" = 1'-0"



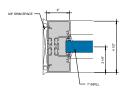
PROJECT-OUT SILL WITH SEALANT

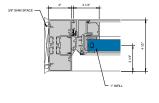
OPTION & SILL FILLER CLIP

6" = 1'-0"

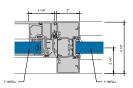


SILL WITH SEALANT & GASKET OPTION
 6" = 1"-0"



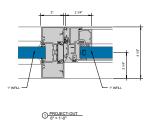


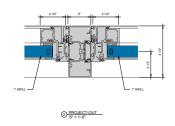
① CASEMENT OUTSWING 6" = 1'-0"

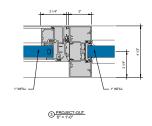


(2) CASEMENT OUTSWING 6" = 1'-0"

Trifab™ 451UT Framing System - GLASSvent UT Windows Details - Center Set - Outside Glazed - Optional Glass Stops "Up" - 1" Infill

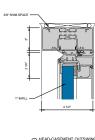




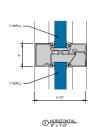




Trifab™ 451UT Framing System - GLASSvent UT Windows Details - Center Set - Inside Glazed - 1" Infill

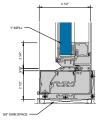








② HEAD 6" = 1'-0"

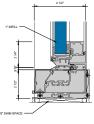


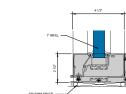
PROJECT-OUT -SILL WITH SEALANT

6 OPTION

6 "= 1'-0"





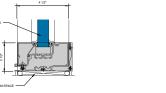


SILL WITH SEALANT OPTION

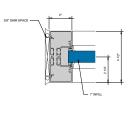


3 CASEMENT OUTSWING

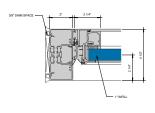




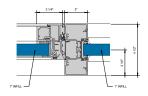
9 SILL WITH SEALANT & GASKET OPTION



① JAMB 6" = 1'-0"



① CASEMENT OUTSWING

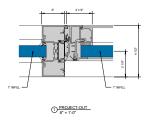


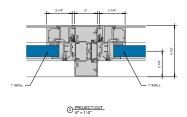
4 PROJECT-OUT

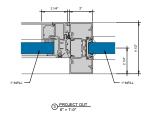
(2) CASEMENT OUTSWING



Trifab™ 451UT Framing System - GLASSvent UT Windows Details - Center Set - Inside Glazed - 1" Infill









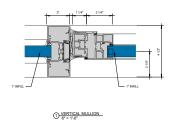
Trifab™ 451UT Framing System -8225TL Thermal Windows Details - Center Set - Outside Glazed - 1" Infill

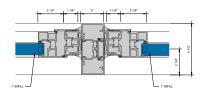


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Trifab™ 451UT Framing System -8225TL Thermal Windows Details - Center Set - Outside Glazed - 1" Infill

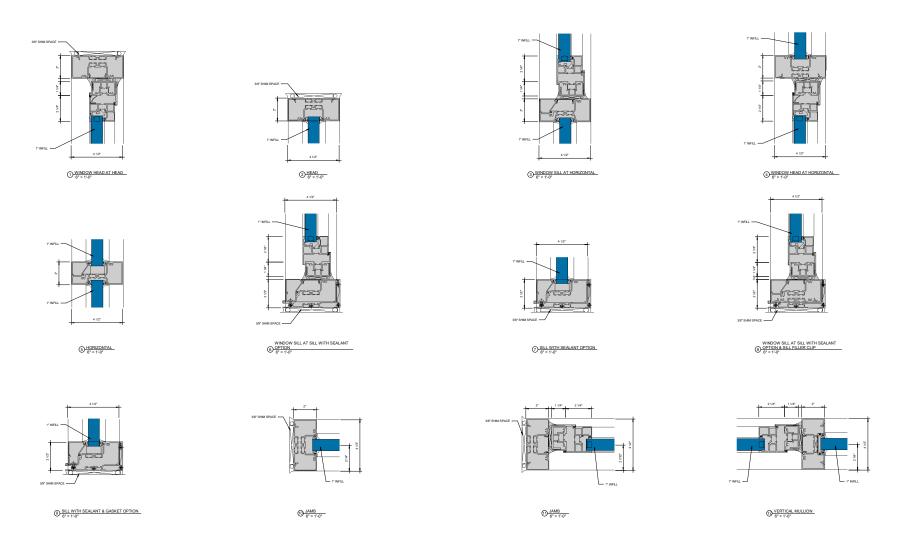




2 VERTICAL MULLION 6" = 1'-0"



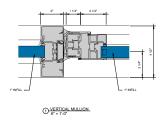
Trifab™ 451UT Framing System -8225TL Thermal Windows Details - Center Set - Outside Glazed - Optional Glass Stops "Up" - 1" Infill

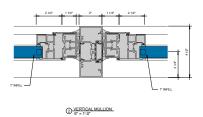


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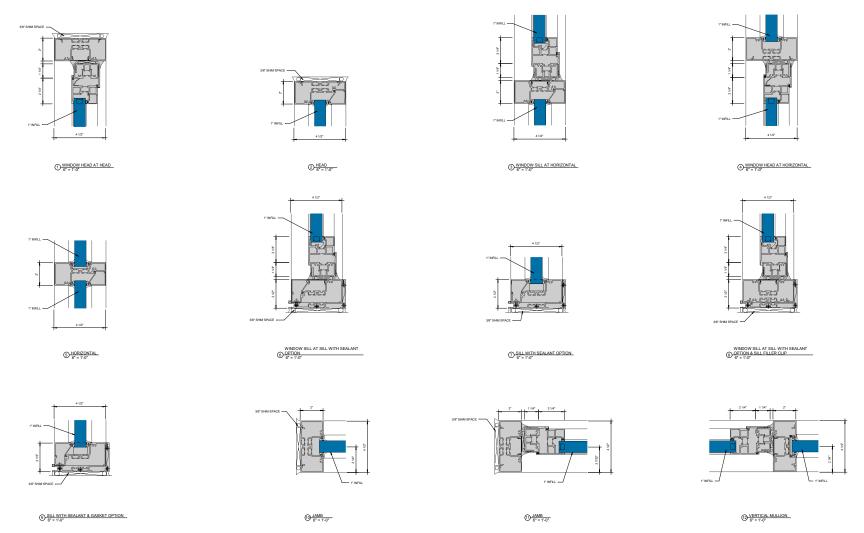
Trifab™ 451UT Framing System -8225TL Thermal Windows Details - Center Set - Outside Glazed - Optional Glass Stops "Up" - 1" Infill







Trifab™ 451UT Framing System -8225TL Thermal Windows Details - Center Set - Inside Glazed - 1" Infill

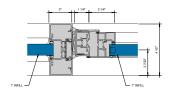


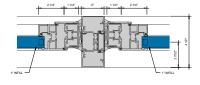
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Trifab™ 451UT Framing System -8225TL Thermal Windows Details - Center Set - Inside Glazed - 1" Infill



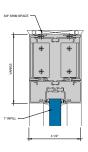


① VERTICAL MULLION 6" = 1'-0"

② VERTICAL MULLION



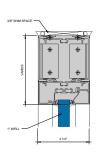
Trifab™ 451UT Framing System- Miscellaneous Details – Outside Glazed - Stool Trims, Brake Metal, Adapters and Splice Sleeve



BRAKE METAL ADAPTER OUTSIDE

O GLAZED HEAD

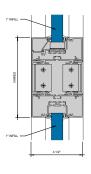
6" = 1'-0"



BRAKE METAL ADAPTER INSIDE

GLAZED HEAD

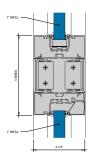
6" = 1'-0"



BRAKE METAL ADAPTER OUTSIDE

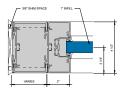
3 GLAZED HORIZONTAL

6" = 1'-0"

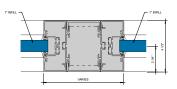


BRAKE METAL ADAPTER INSIDE

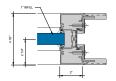
(4) GLAZED HORIZONTAL



BRAKE METAL ADAPTER JAMB
 6" = 1'-0"



6 BRAKE METAL ADAPTER VERTICAL 6" = 1'-0"



7 TOP VIEW BRAKE METAL ADAPTER

