

Oldcastle BuildingEnvelope®

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RELIANCE™ CURTAIN WALL W/ FRP PRESSURE PLATES 2-1/2" X 10-3/8" / 1" GLAZING

Elev-RcwFRP-10.375

H3301-Head-Horizontal

H3304-Sill-Horizontal

H3305-Typical-Horizontal

H3318-Pocket-Frame-OperWin

H3319-Flat-Frame-OperWin

V3302-Vertical-Mullion

V3305-Heavy-Mullion-Reinf

V3308-Jamb-Mullion

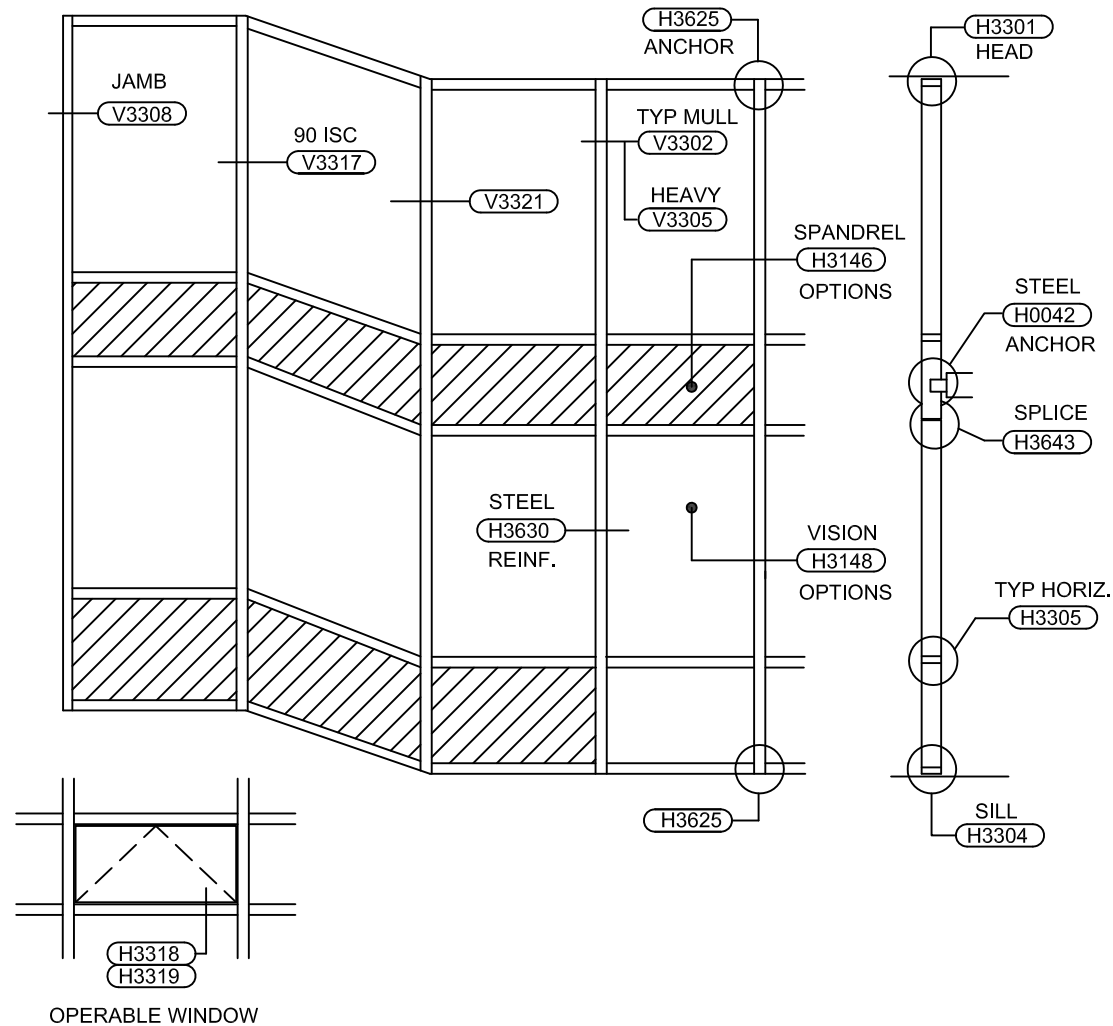
V3315-90-Outside-Corner

V3317-90-Inside-Corner

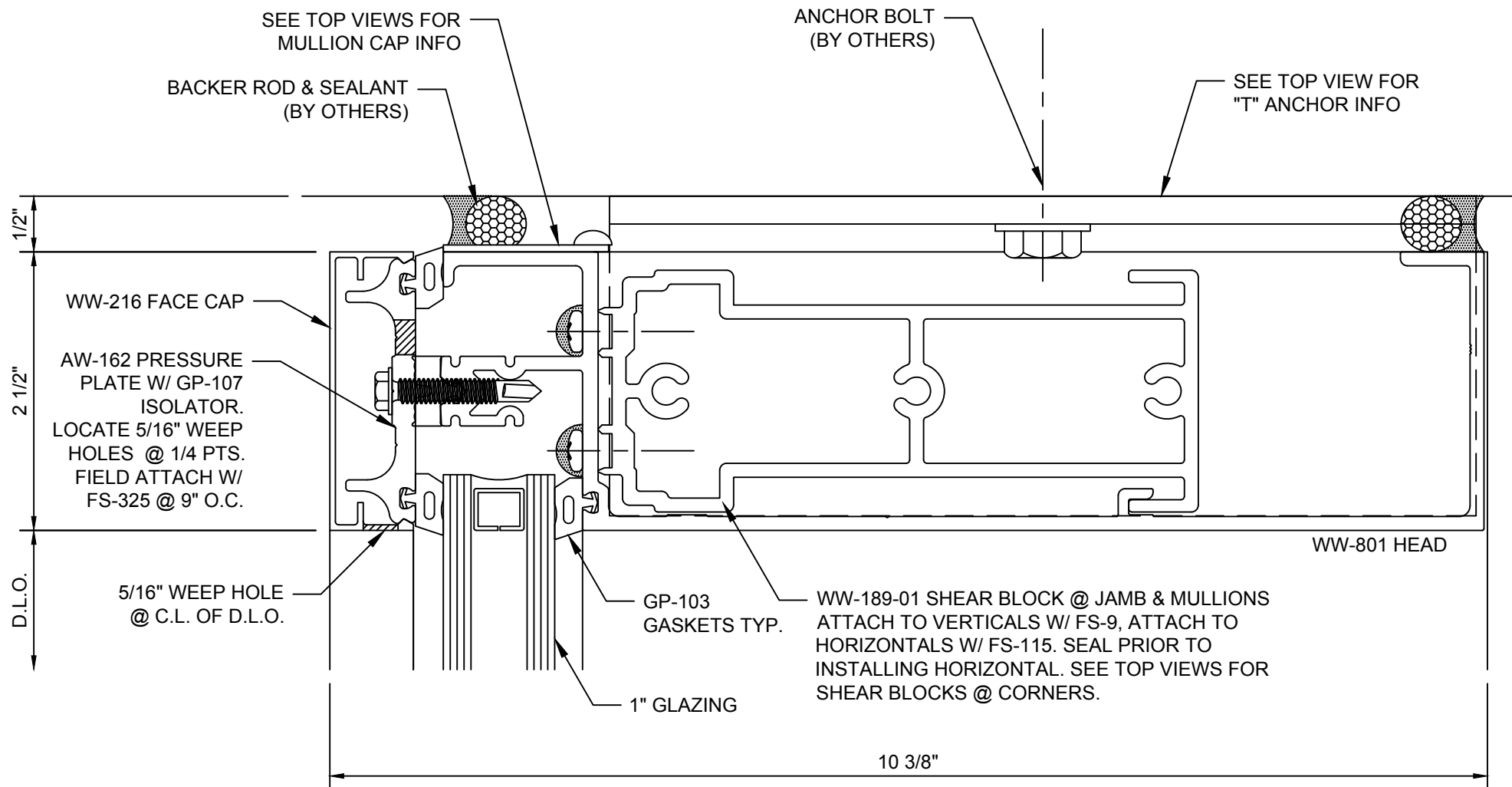
V3321-90-Outside-Corner

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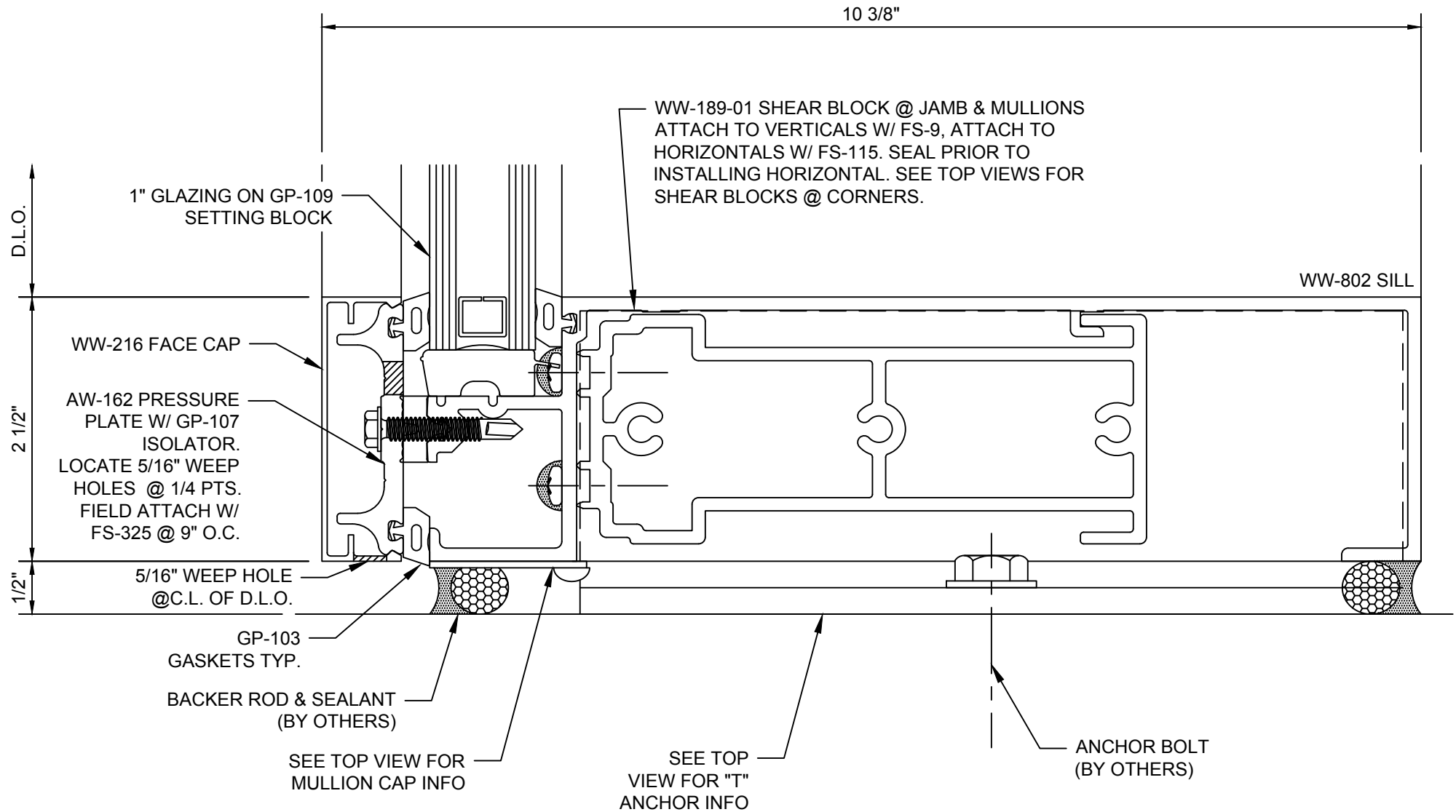
Note: For Door Models visit : <http://www.obe.com/products/entrances/swing-entrances/standard-ns-212ms-375ws-500-door-and-frame>



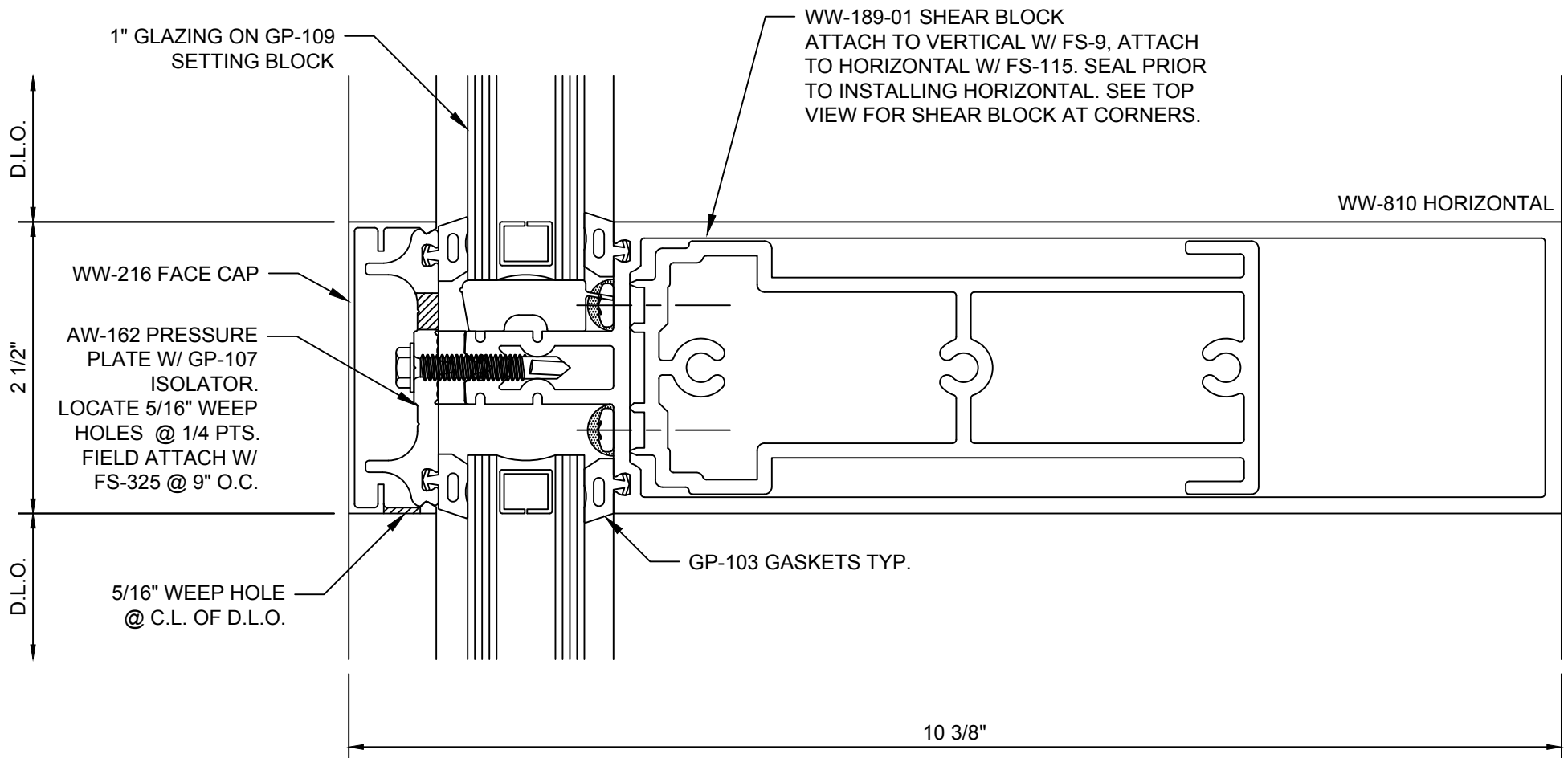
Reliance™ Curtain Wall w/ FRP Pressure Plate
2-1/2" x 10-3/8" w/ 1" Glazing - Elevation



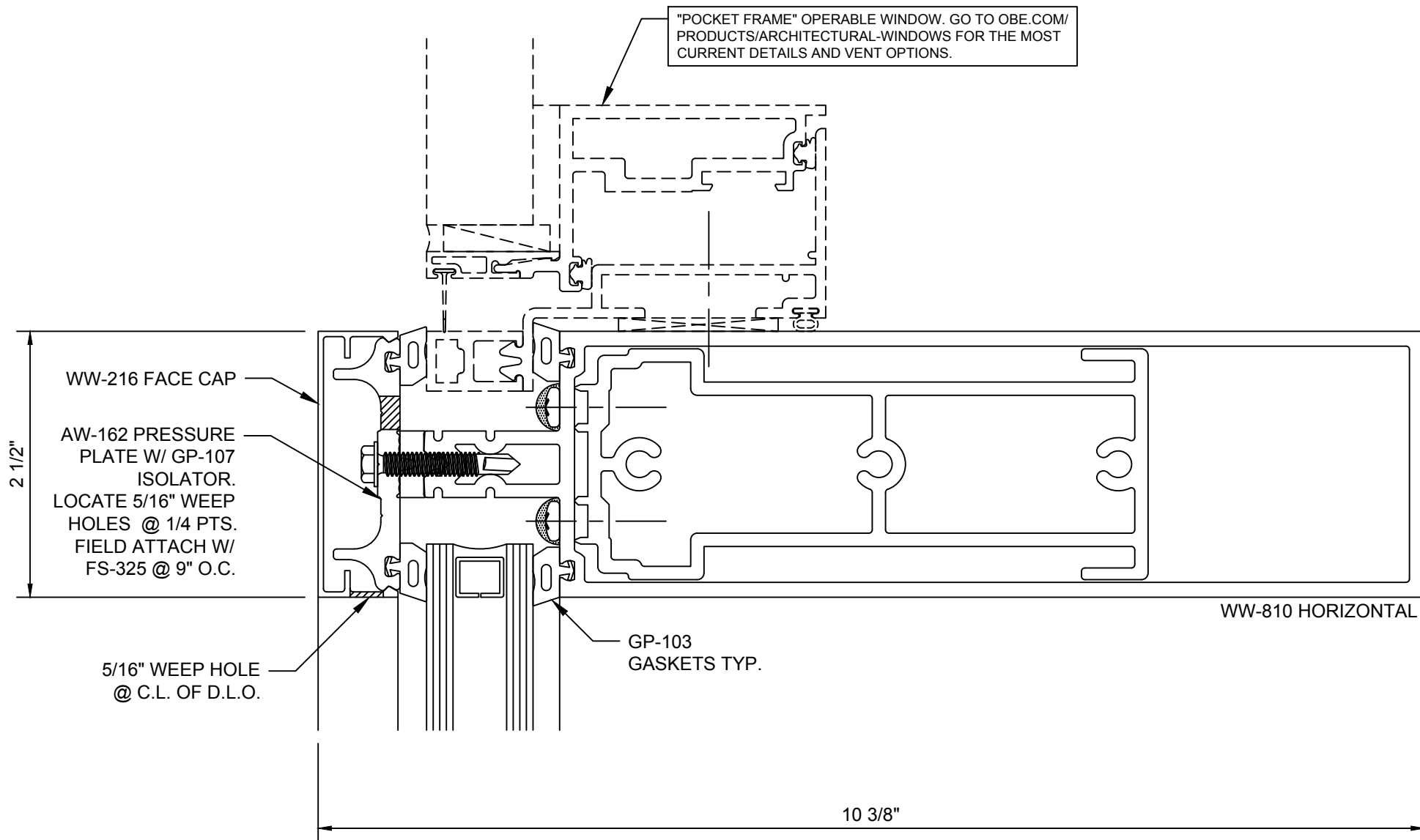
Reliance™ Curtain Wall w/ FRP Pressure Plate Head at Vision - H3301



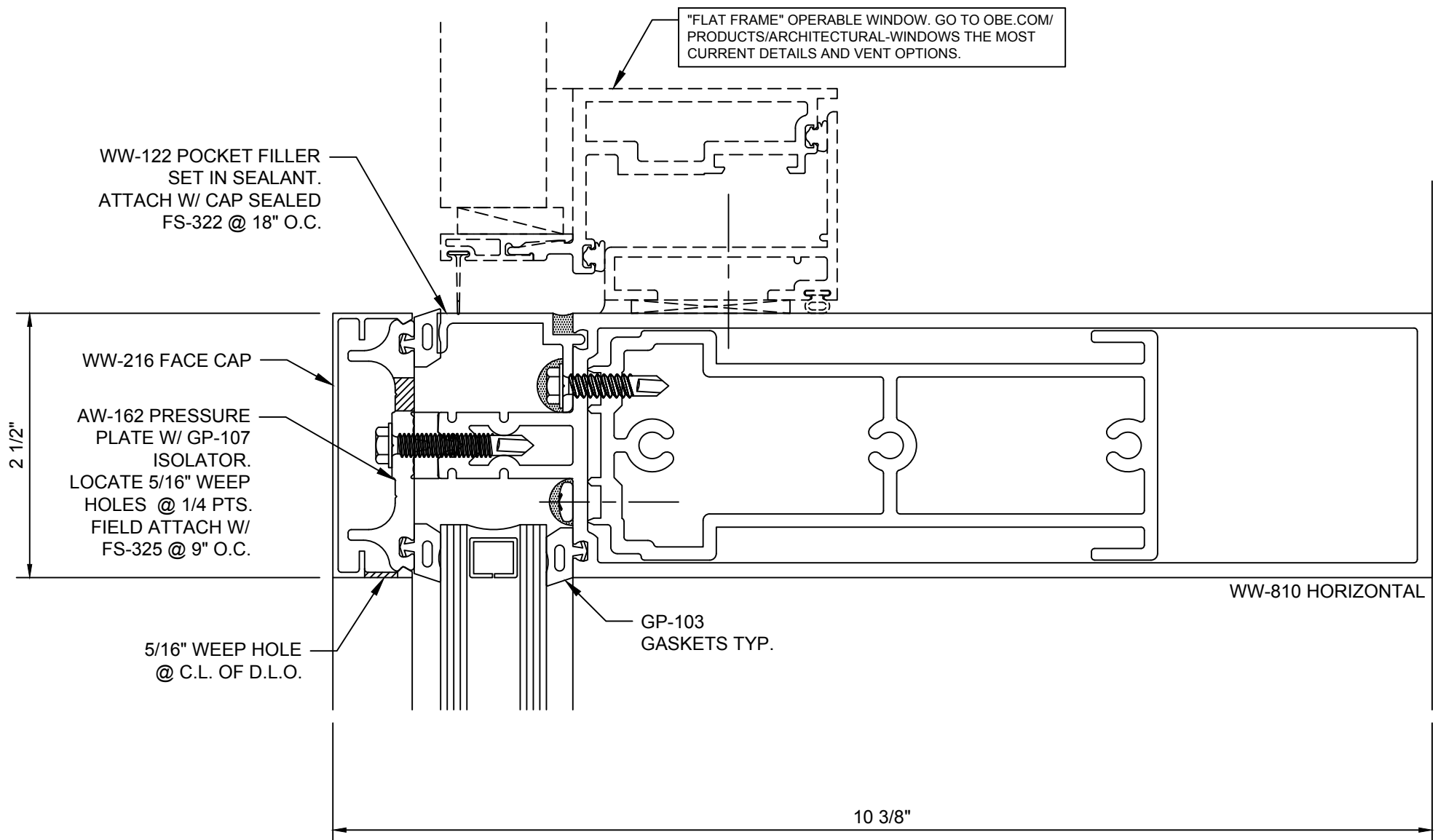
Reliance™ Curtain Wall w/ FRP Pressure Plate Sill at Vision - H3304



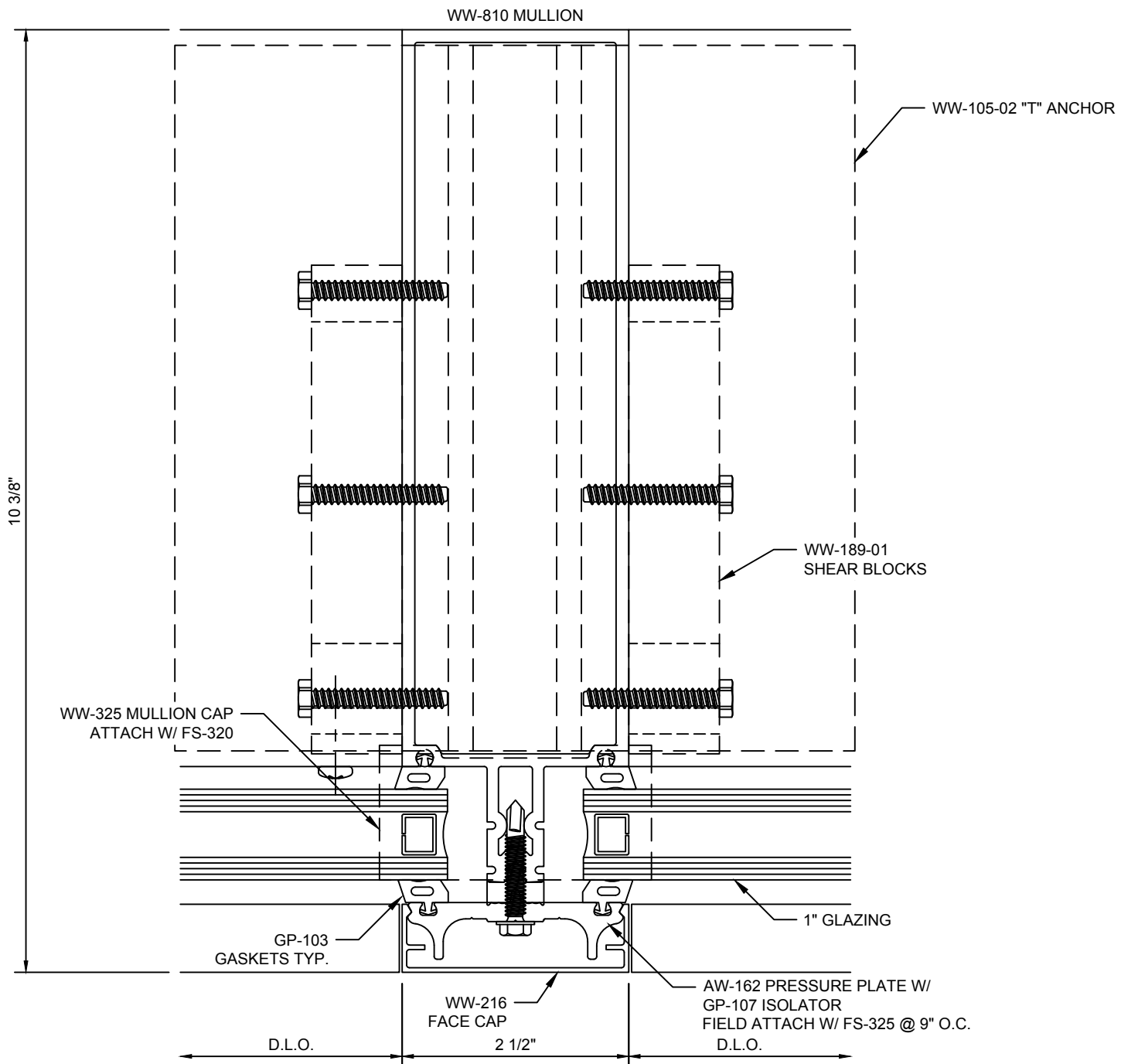
Reliance™ Curtain Wall w/ FRP Pressure Plate Intermediate Horizontal at Vision - H3305



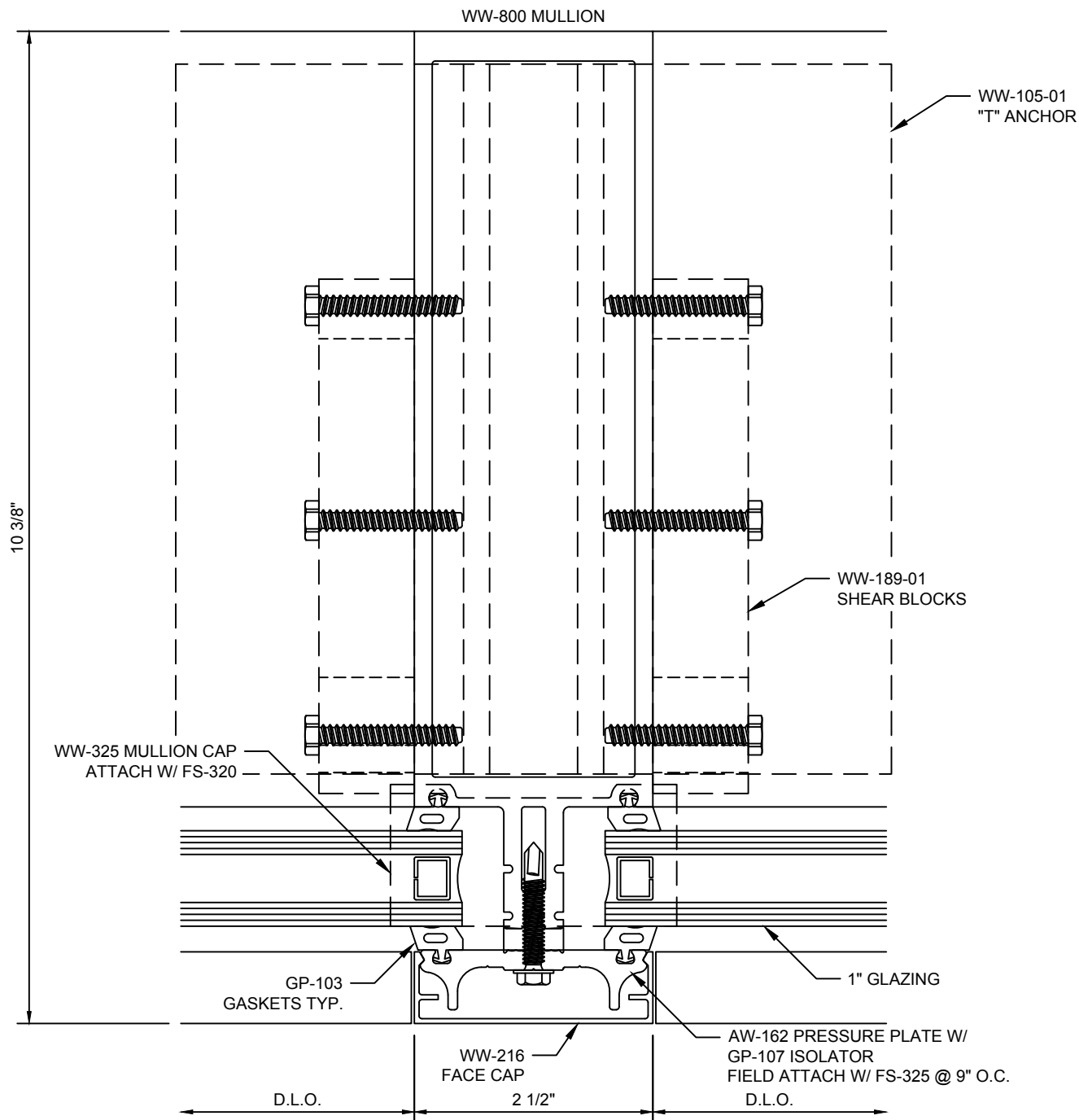
Reliance™ Curtain Wall w/ FRP Pressure Plate Horizontal at Operable Window - H3318



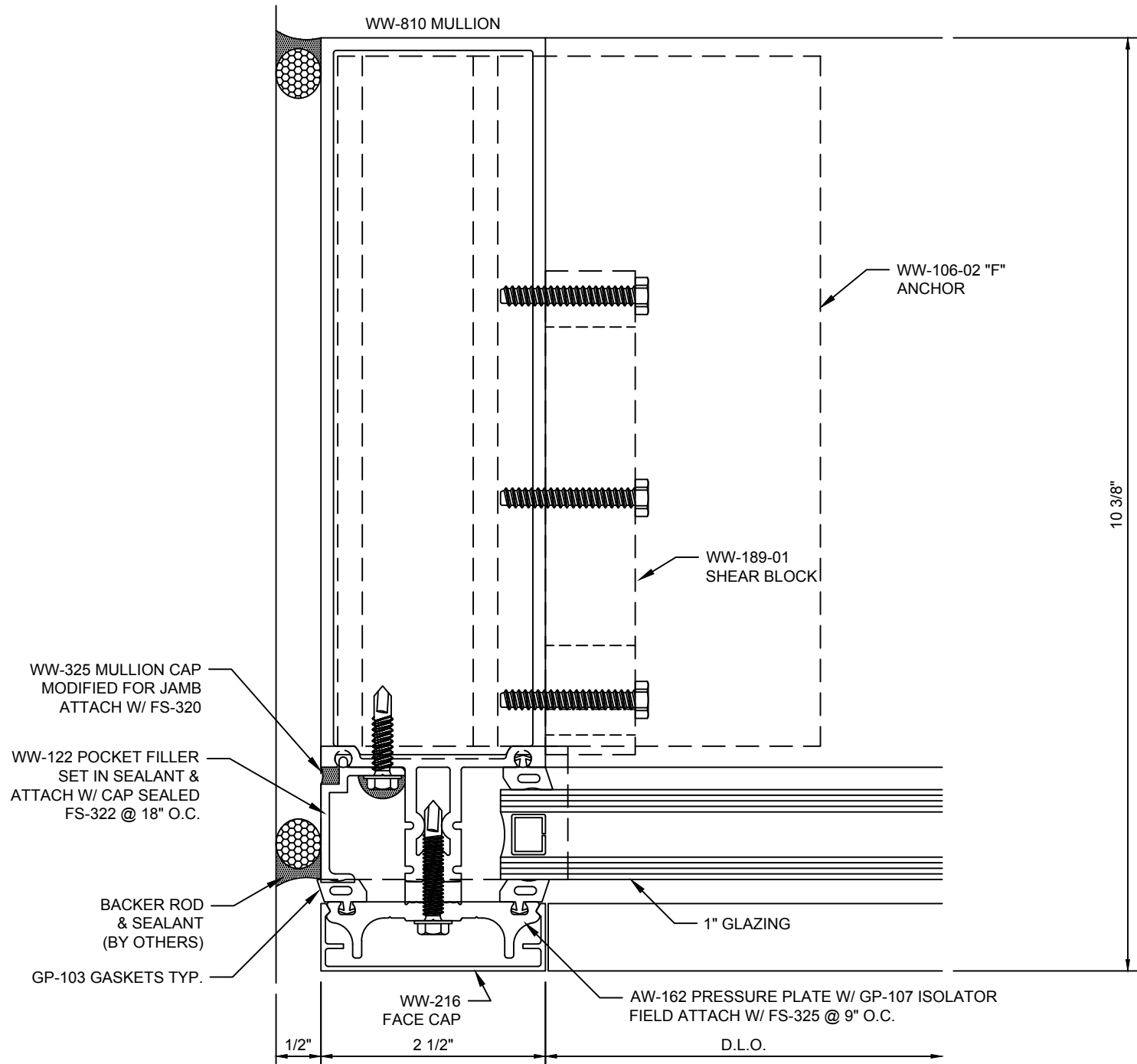
Reliance™ Curtain Wall w/ FRP Pressure Plate Horizontal at Operable Window - H3319



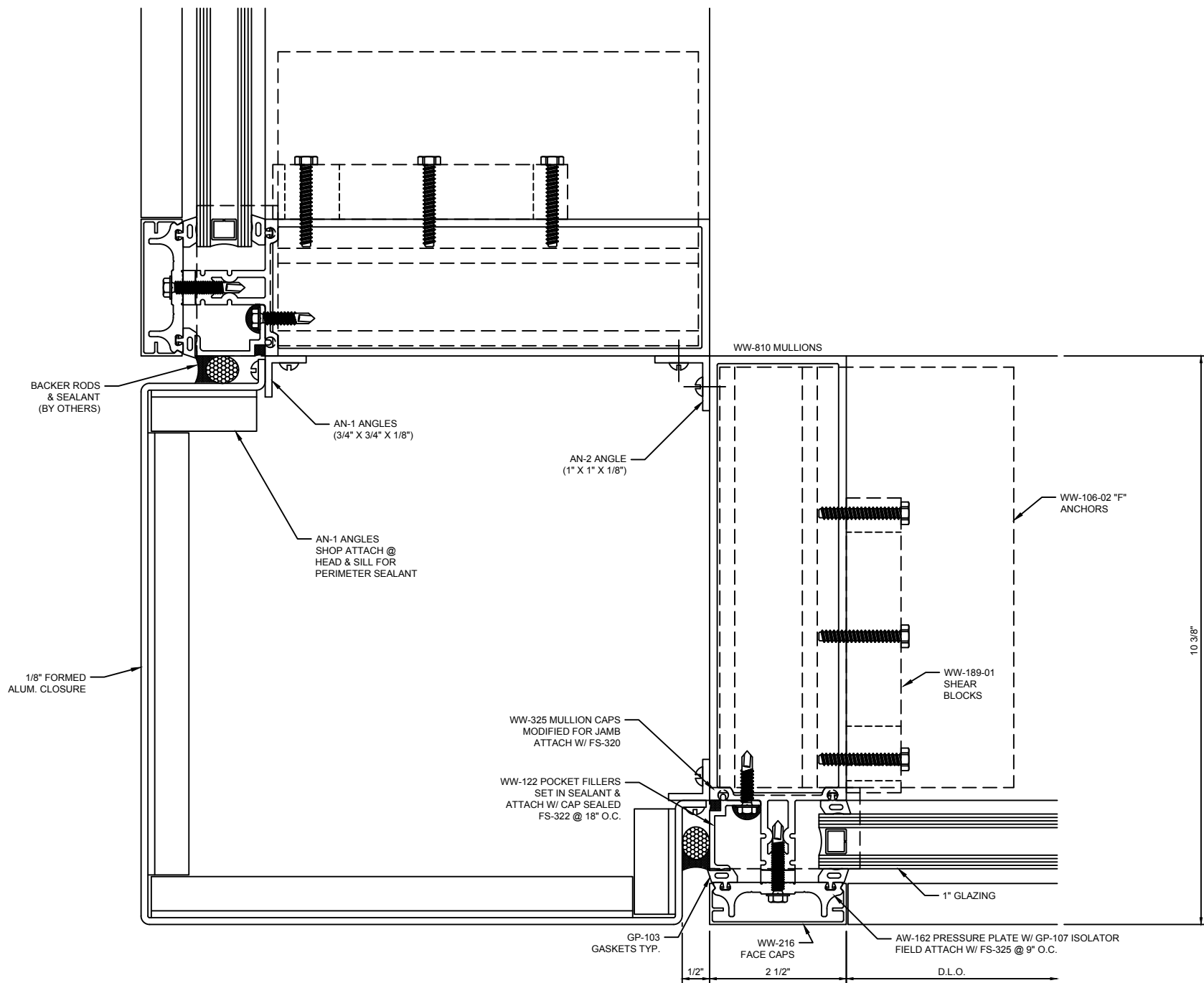
Reliance™ Curtain Wall w/ FRP Pressure Plate Typical Vertical Mullion - V3302



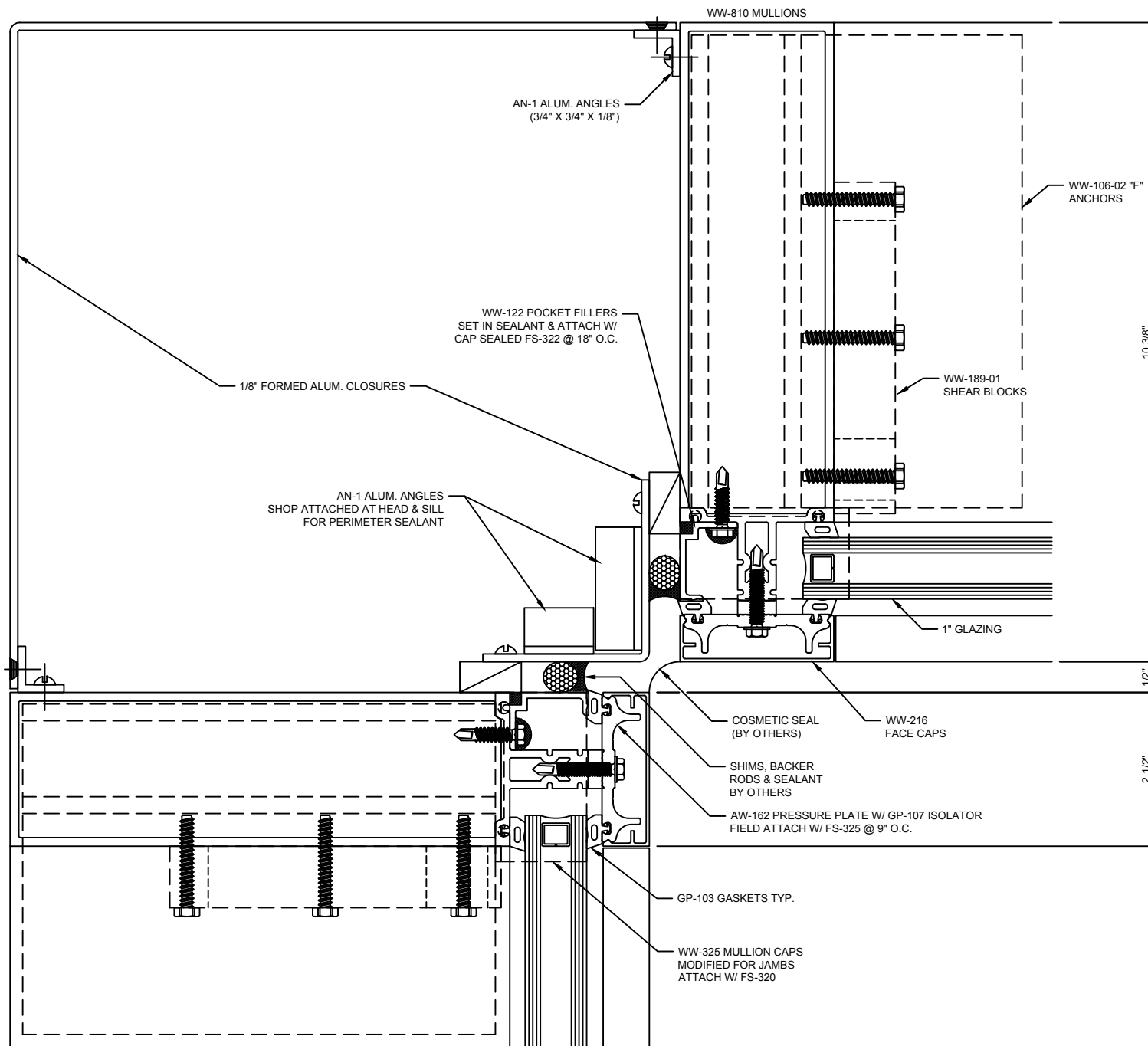
Reliance™ Curtain Wall w/ FRP Pressure Plate Heavy Vertical Mullion - V3305



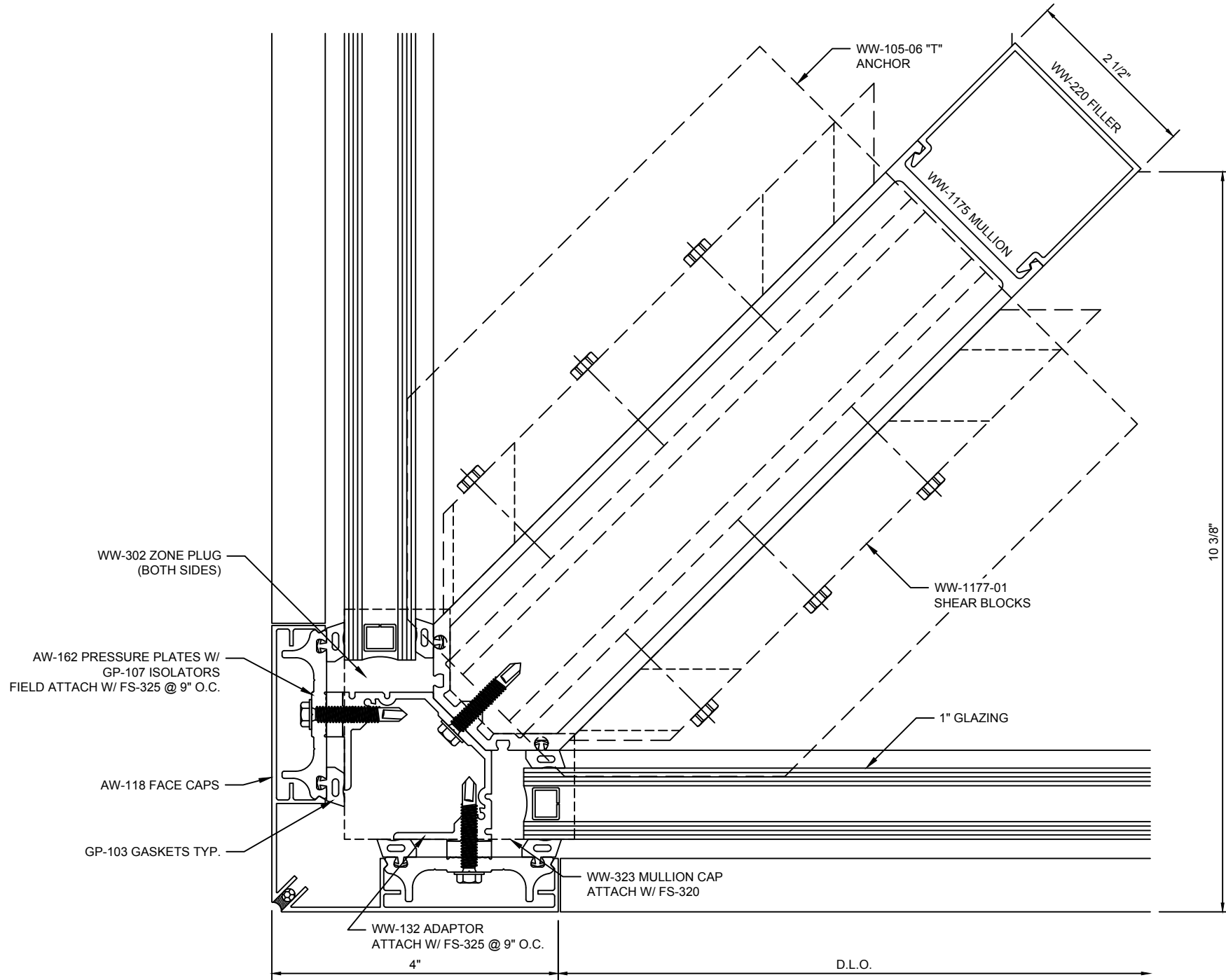
Reliance™ Curtain Wall w/ FRP Pressure Plate Jamb Vertical - V3308



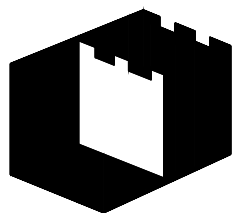
Reliance™ Curtain Wall w/ FRP Pressure Plate 90° Outside Corner - V3315



Reliance™ Curtain Wall w/ FRP Pressure Plate 90° Inside Corner - V3317



Reliance™ Curtain Wall w/ FRP Pressure Plate 90° Outside Corner at Vision - V3321



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RELIANCE™ CURTAIN WALL W/ FRP PRESSURE PLATE
2-1/2" X 10-3/8" MISCELLANEOUS DETAILS

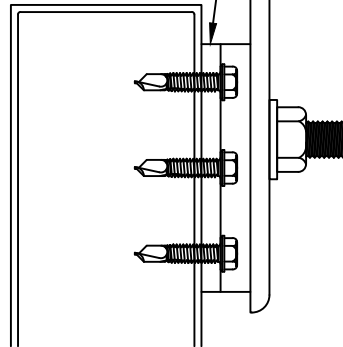
H0042-Steel-Anchor
H3146-Spandrel-Options
H3148-Vision-Options
H3625-F-T-Mull-Anchors
H3630-Steel-Reinf
H3643-Mullion-Splice

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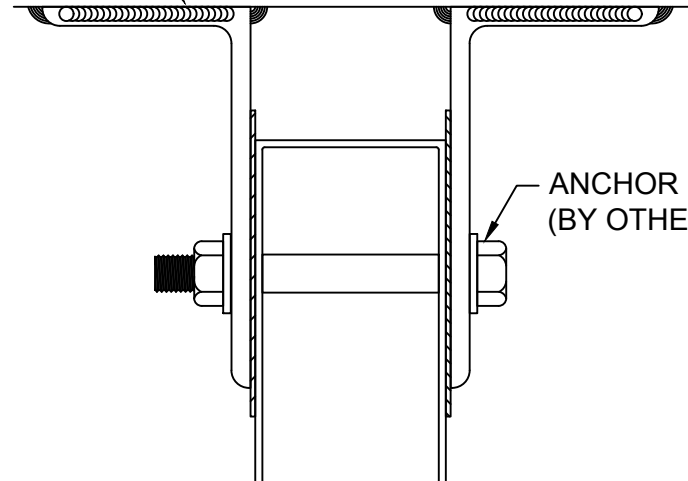
WELD AS REQUIRED BY INSTALLER

FLOOR SLAB OR BEAM

WW-2223 JAMB ANCHOR PLATE
ATTACH W/ (6) FS-336 (1/4"-20 X
1-1/8" HWH DRILL FLEX)



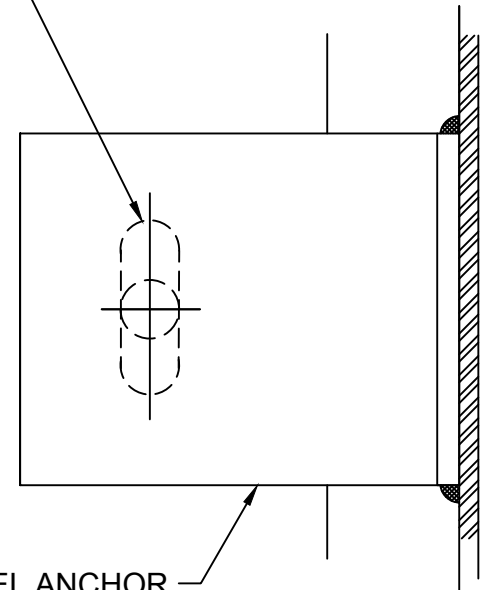
Plan View
Jamb Option



Plan View
Intermediate Mullion

ANCHOR BOLT
(BY OTHERS)

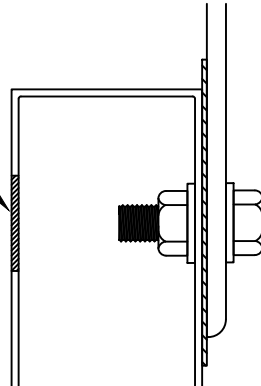
HOLE IN ANCHOR @ DEAD LOAD
SLOT IN ANCHOR @ WIND LOAD



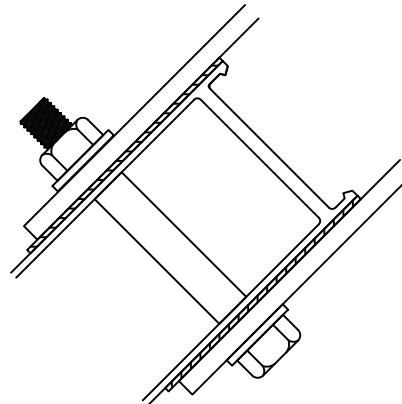
Side View

STEEL ANCHOR
DESIGN DETERMINED
BY ENGINEER. SEE
APPROVED SHOP
DRAWINGS.

ACCESS HOLE

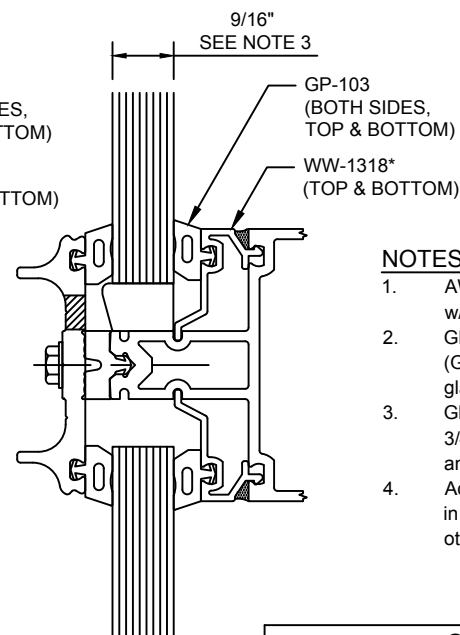
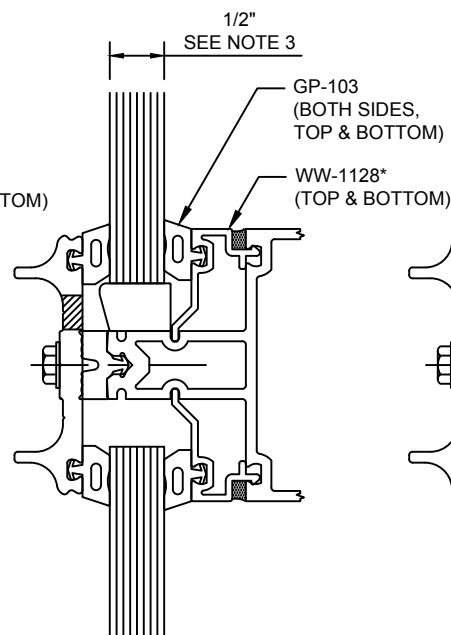
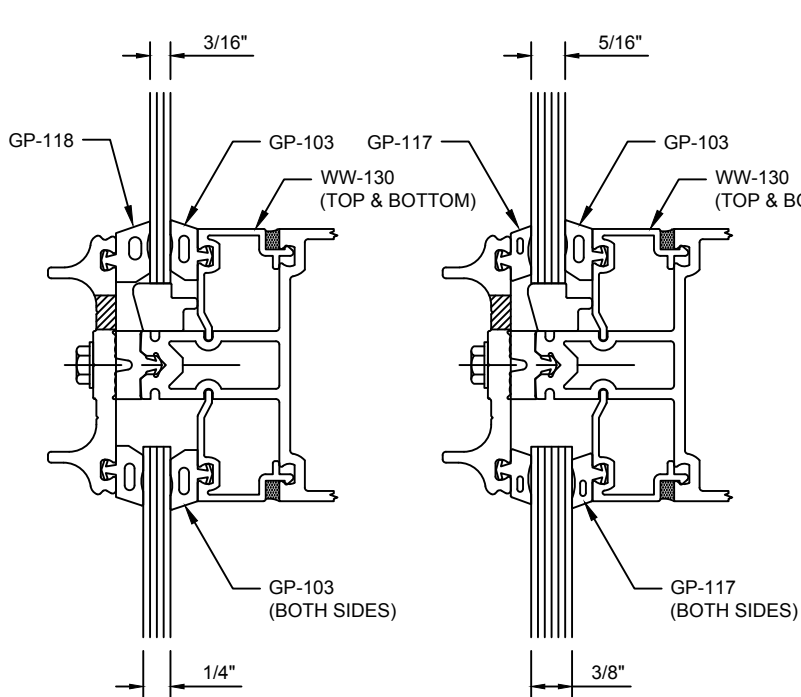


Plan View
Jamb Option



Plan View
Single Mull Corners

Standard Curtain Wall Steel Anchor - H0042

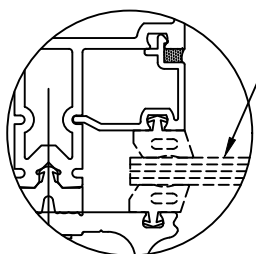


NOTES:

1. AW-162 FRP pressure plate w/ GP-107 isolator typical
2. GP-110 setting block typical, (GP-126 at 1/2" and 9/16" glazing)
3. Glass pocket with adaptor = 3/4" (1" glass pocket at 1/2" and 9/16" glazing)
4. Adaptors/glazing beads set in sealant (sealant by others).

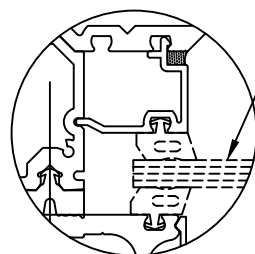
GLASS CHART			
GLAZING THICKNESS	GASKET EXTERIOR	GASKET INTERIOR	GLAZING ADAPTOR
3/16" (.1875)	GP-118	GP-103	WW-130
1/4" (.250)	GP-103	GP-103	WW-130
5/16" (.3125)	GP-117	GP-103	WW-130
3/8" (.375)	GP-117	GP-117	WW-130
1/2" (.500)	GP-103	GP-103	*WW-1128
9/16" (.5625)	GP-103	GP-103	*WW-1318

*Non-stock item



SEE GLASS CHART

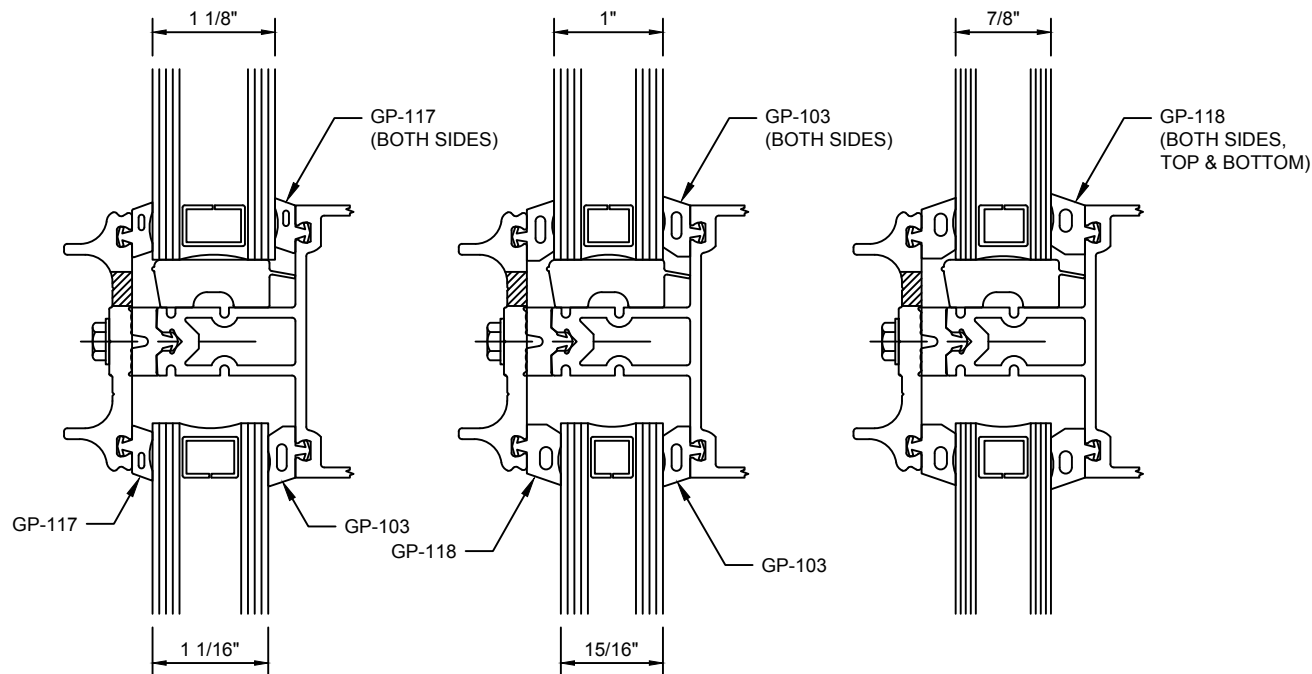
JAMB



SEE GLASS CHART

90° OUTSIDE CORNER

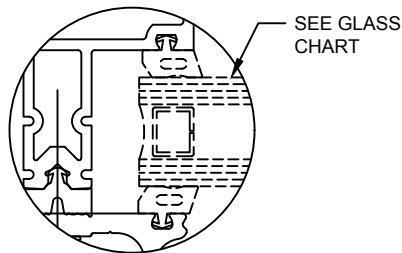
Reliance™ Curtain Wall w/ FRP Pressure Plate Glazing Adaptors & Spandrel Options - H3146



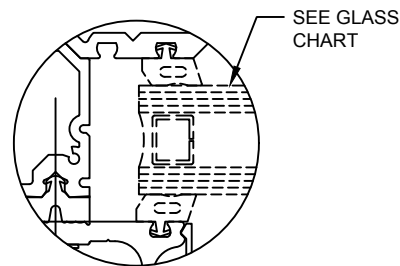
GLASS CHART		
GLAZING THICKNESS	GASKET EXTERIOR	GASKET INTERIOR
7/8" (0.875)	GP-118	GP-118
15/16" (0.9375)	GP-118	GP-103
1"	GP-103	GP-103
1-1/16" (1.0625)	GP-117	GP-103
1-1/8" (1.125)	GP-117	GP-117

NOTES:

1. AW-162 FRP pressure plate w/ GP-107 isolator typical
2. GP-109 setting block typical
3. Glass Pocket = 1-1/2" (typical)

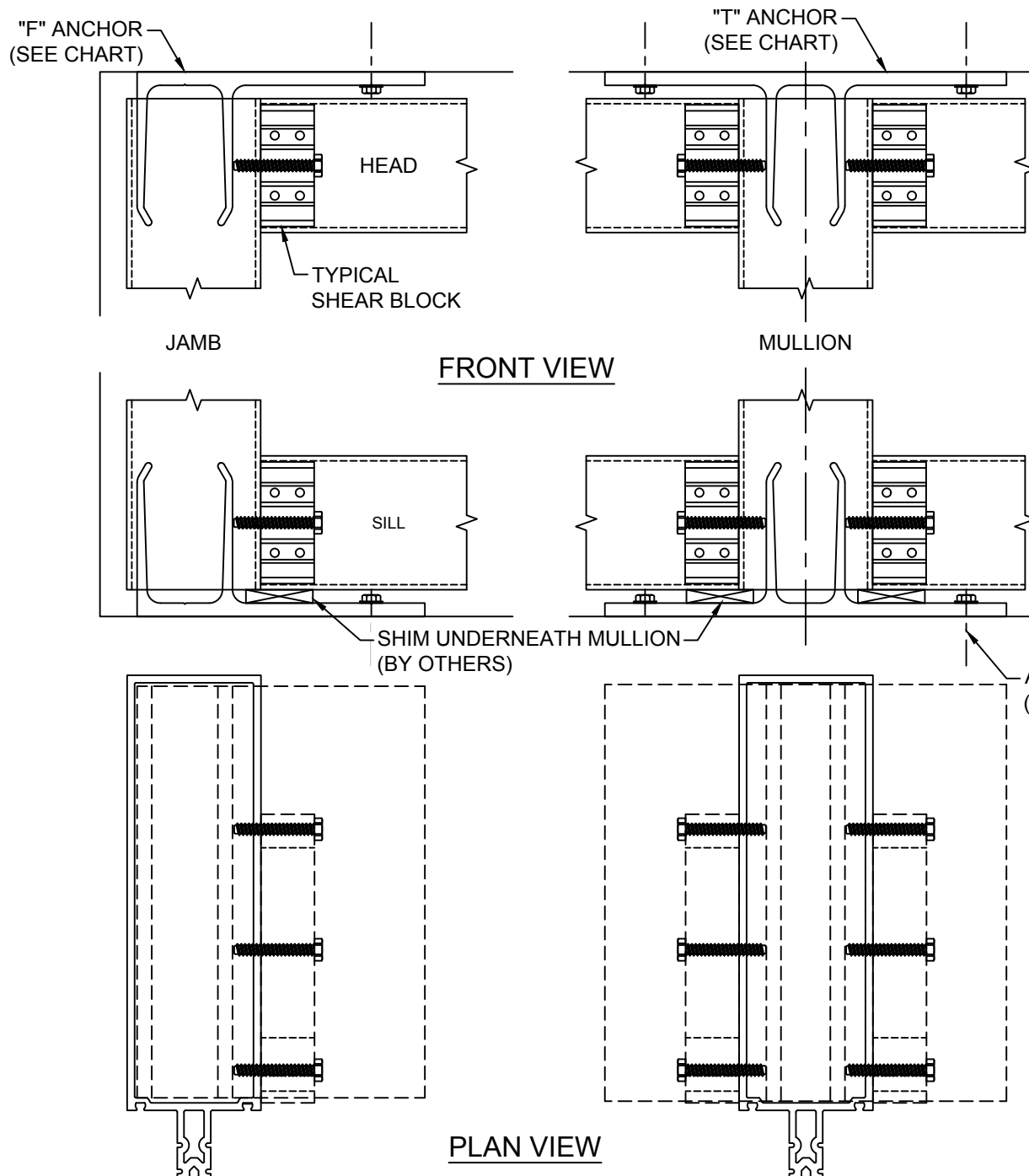


VERTICAL
MULLION



90° OUTSIDE
CORNER

Reliance™ Curtain Wall w/ FRP Pressure Plate Vision Glass Options - H3148



FRONT VIEW

PLAN VIEW

"F" ANCHOR CHART	
PART NO.	MULLION
WW-106-01	WW-800 / WW-804 / WW-850
WW-106-02	WW-810

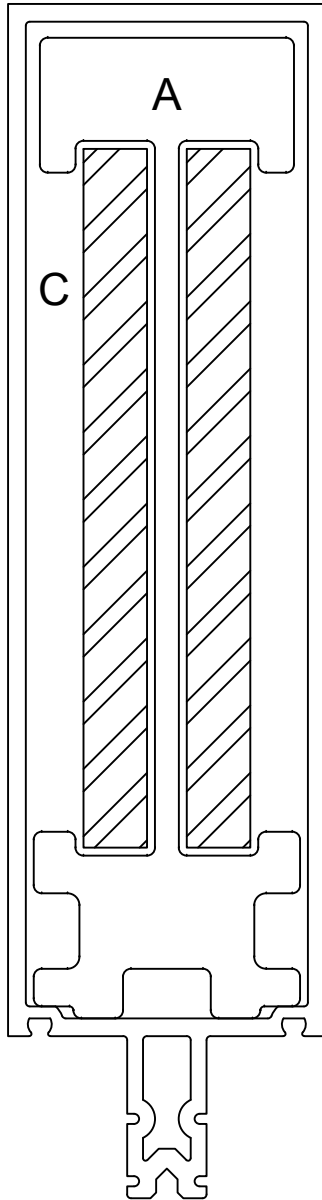
"T" ANCHOR CHART	
PART NO.	MULLION
WW-105-01	WW-800 / WW-804 / WW-850
WW-105-02	WW-810
WW-105-06	WW-1175 (90° OUTSIDE CORNER)

NOTE:

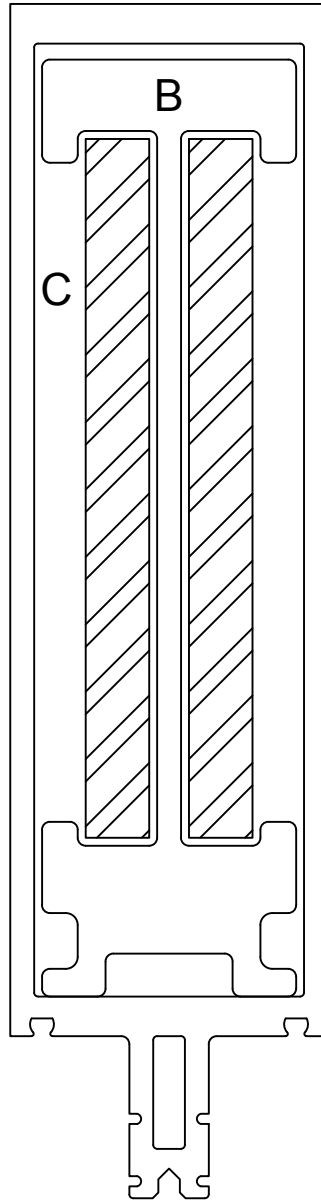
1. ANCHOR BOLT SIZE, QUANTITY AND LOCATION DETERMINED BY STRUCTURAL ENGINEER

Reliance™ Curtain Wall "F" & "T" Anchors - H3625

WW-810 MULLION



WW-800 / WW-804 MULLION



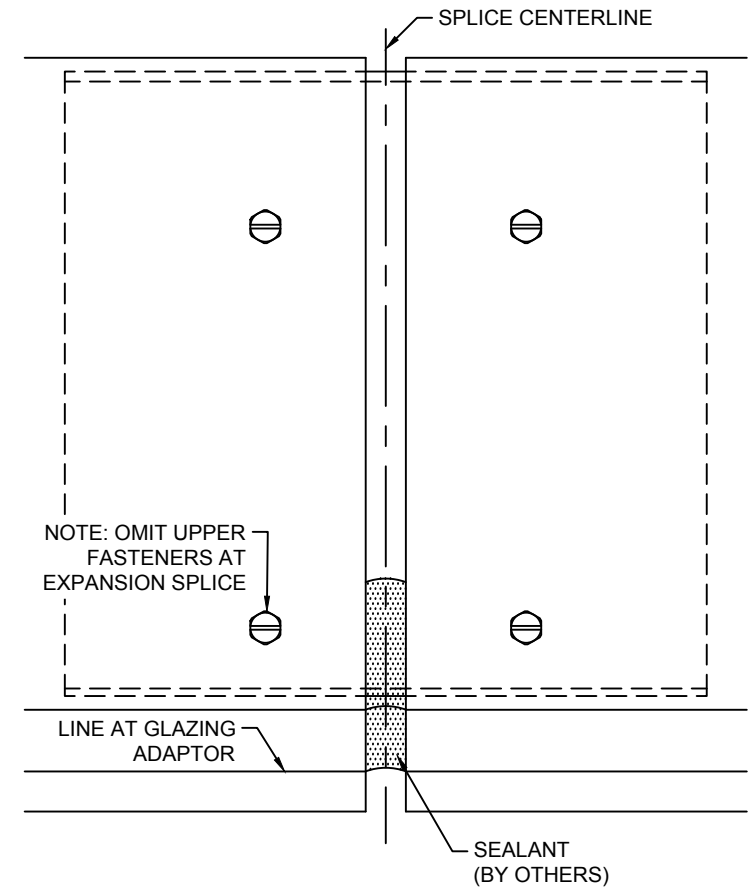
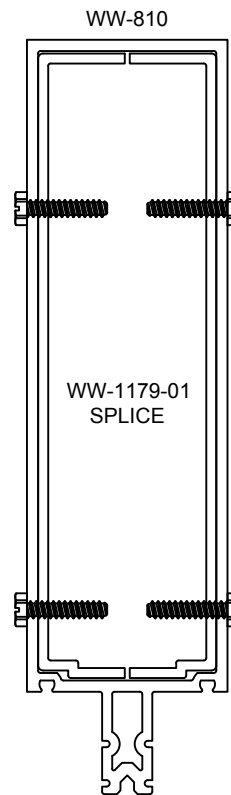
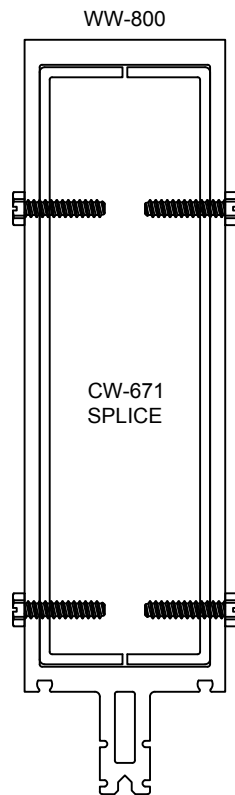
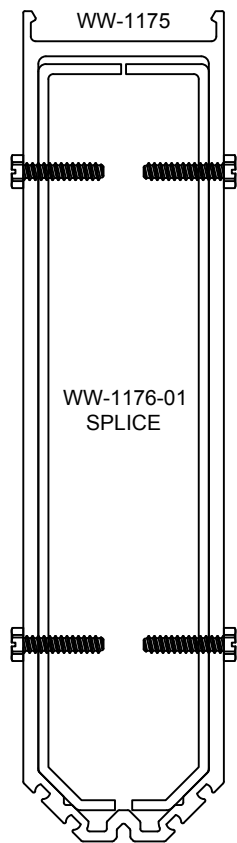
STEEL REINFORCING CHART

A	WW-209 ALUM. REINFORCING
B	WW-201 ALUM. REINFORCING
C	RS-20 (5-1/2" X 1/2" X 10' LG. STEEL BAR

SEE APPROVED SHOP DRAWINGS FOR SPECIFIC REQUIREMENTS.

REF. INSTALLATION MANUAL FOR ADDITIONAL INFO.

Reliance™ Curtain Wall Steel Reinforcement - H3630



10-1/8" SYSTEM DEPTH	
MULLION	SPLICE
WW-800	CW-671
WW-810	WW-1179-01
WW-1175	WW-1176-01

REFERENCE INSTALLATION MANUAL FOR ADDITIONAL SPLICE INFO.

Reliance™ Curtain Wall Mullion Splice - H3643