

# Oldcastle BuildingEnvelope®

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## RELIANCE™-LT CURTAIN WALL 2" X 7-1/2" / POLYAMIDE PRESSURE PLATE / 1" GLAZING

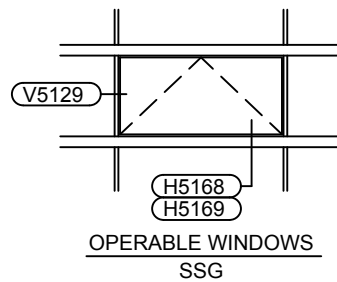
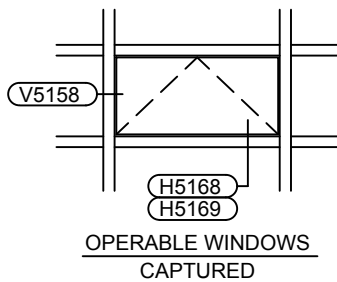
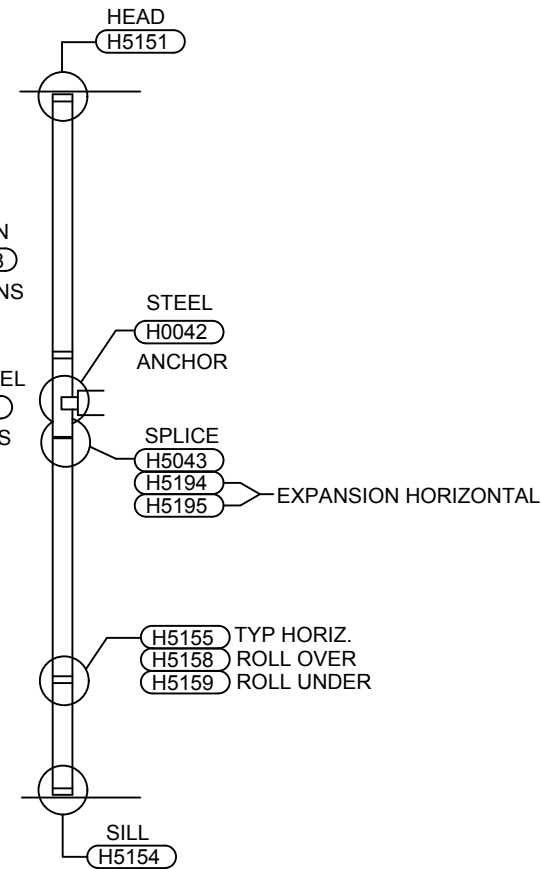
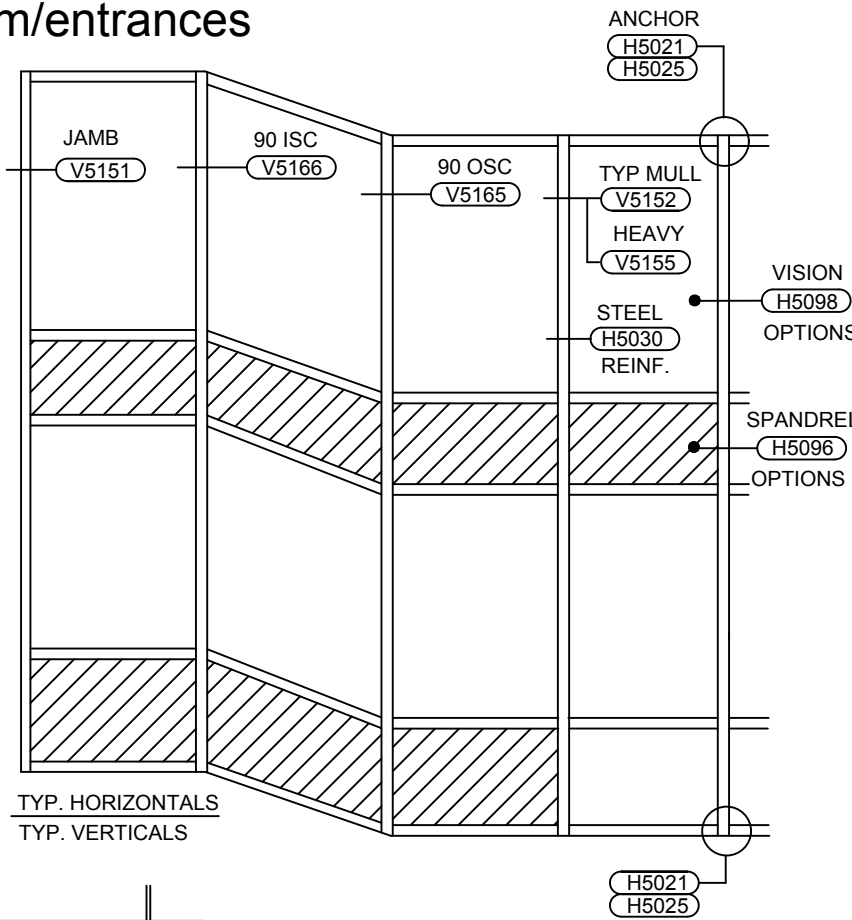
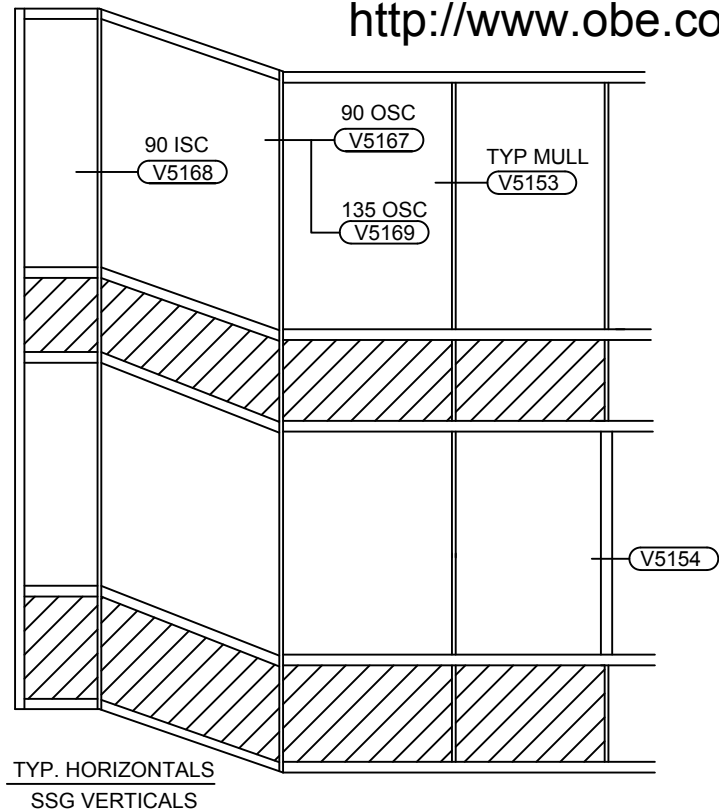
### Elev-Reliance-LT-750-PolyPP

H0042-Steel-Anchor  
H5021-ShrBlk-Anchors  
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V5152-Vertical-Mullion-at-Vision  
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V5158-Vertical-OpWin  
V5165-90-Outside-Corner-at-Vision-2mull  
V5166-90-Inside-Corner-at-Vision-2mull  
V5167-SSG-90-Outside-Corner-at-Vision  
V5168-SSG-90-Inside-Corner-at-Vision  
V5169-SSG-135-Outside-Corner-at-Vision

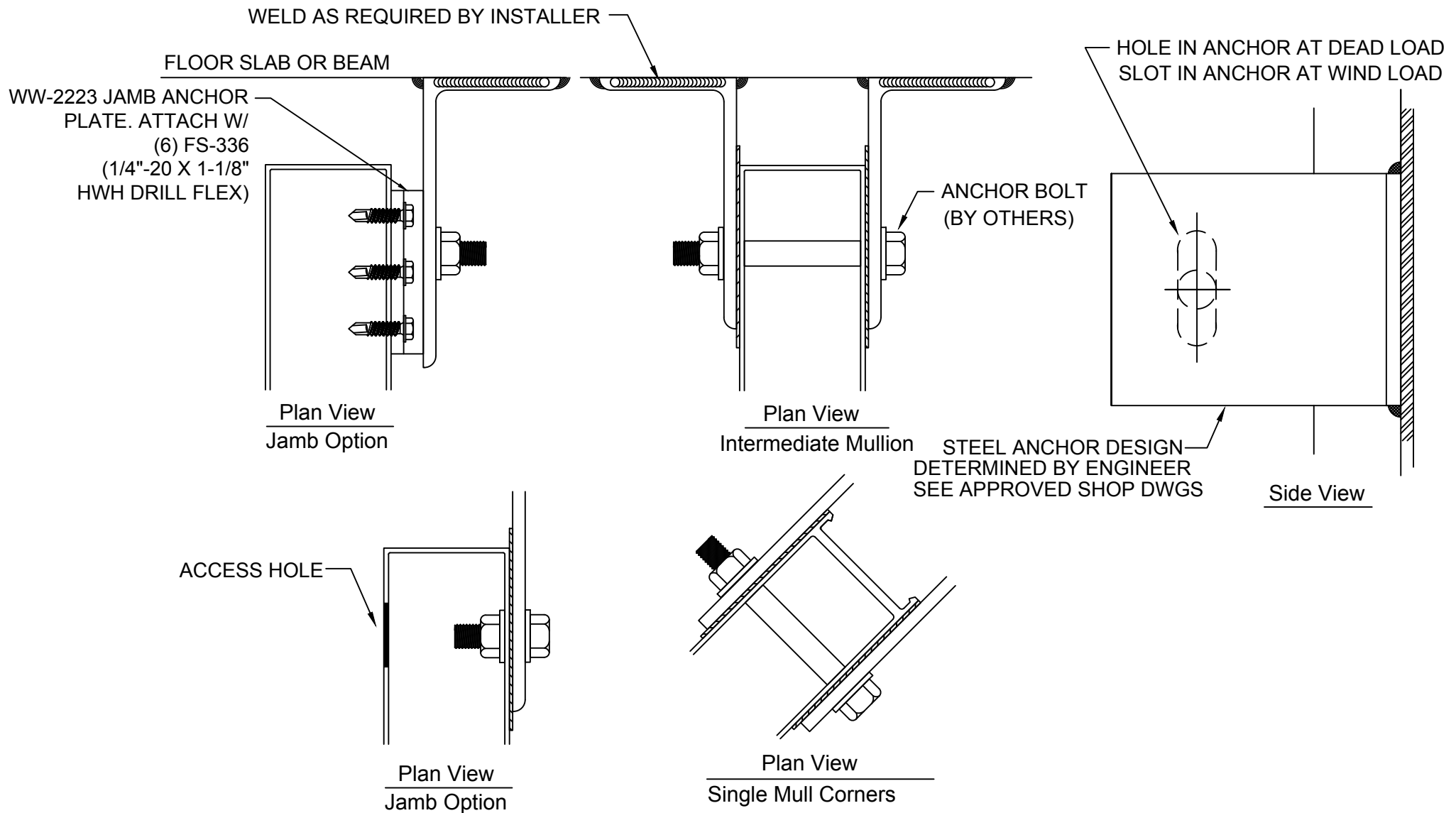
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Note: For Door Models visit :  
<http://www.obe.com/entrances>

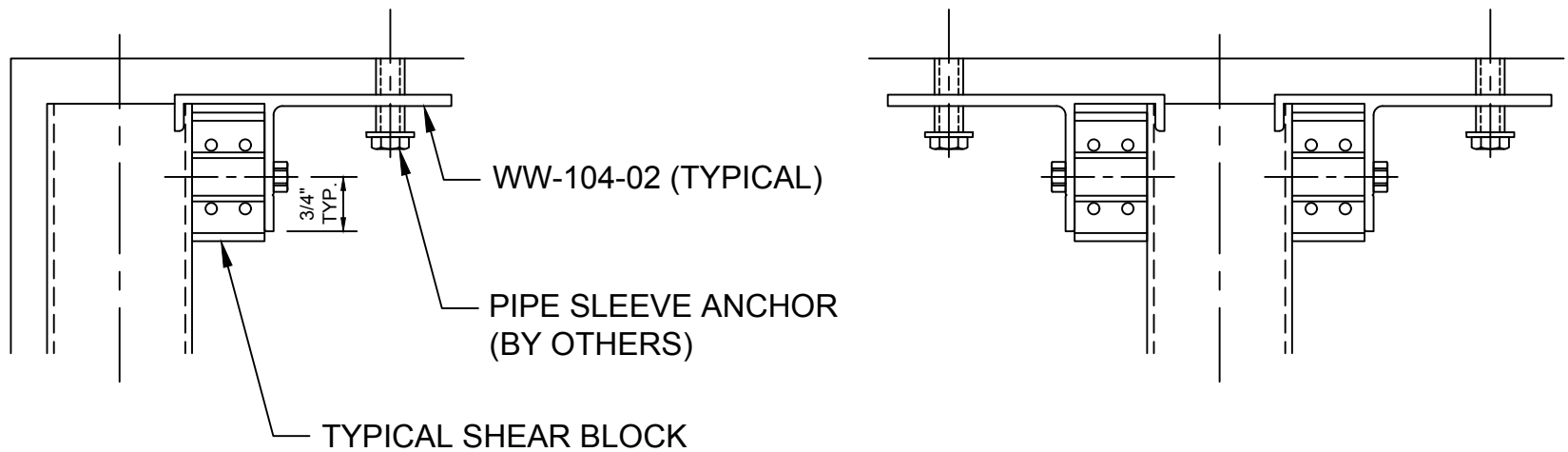


## MODEL: Elev-Reliance-LT-750-PolyPP

RELiance-LT CURTAIN WALL 2" X 7-1/2" -  
 POLYAMIDE PRESSURE PLATE - 1" GLASS

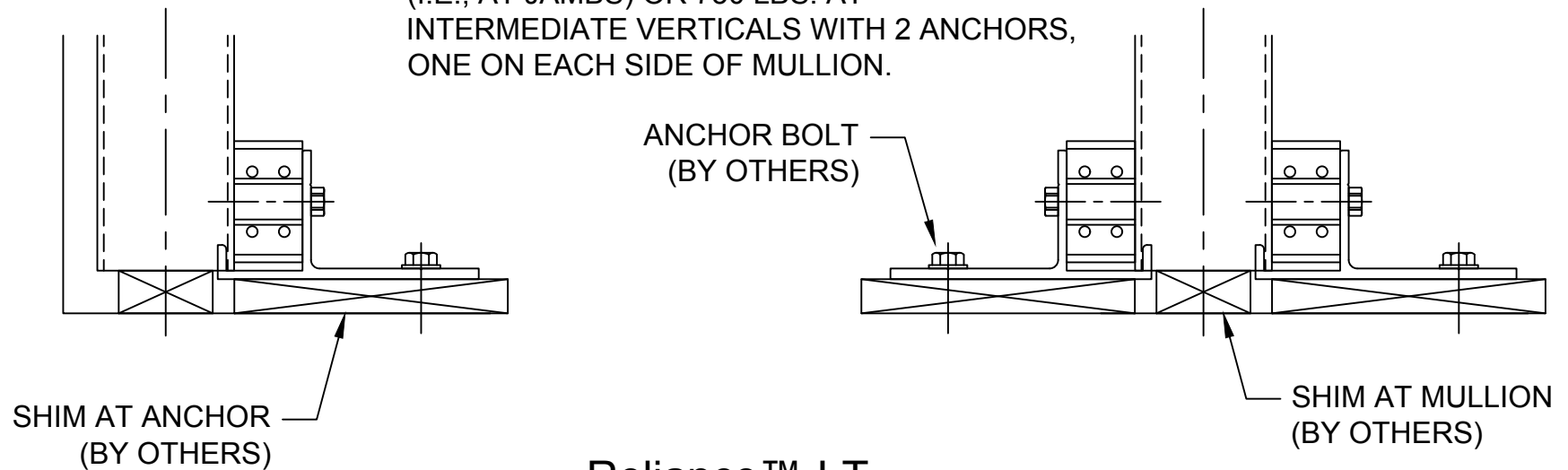


## Standard Curtain Wall Steel Anchor - H0042



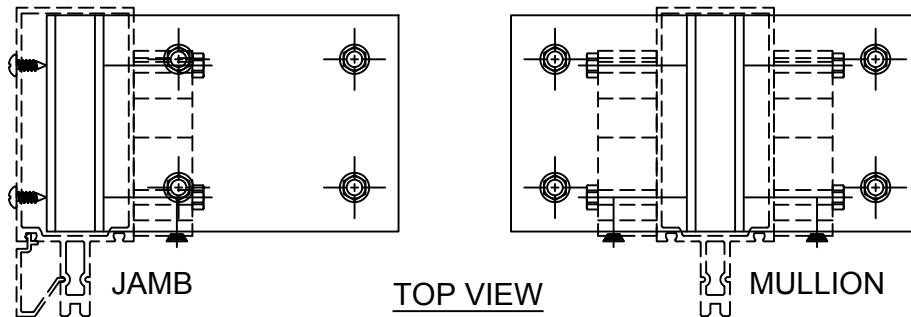
**NOTE:**

1. ANCHOR BOLT DESIGN DETERMINED BY STRUCTURAL ENGINEER
2. WW-104-02 ALUM. ANCHOR MAXIMUM END REACTION IS 375 LBS. FOR SINGLE ANCHOR (I.E., AT JAMBS) OR 750 LBS. AT INTERMEDIATE VERTICALS WITH 2 ANCHORS, ONE ON EACH SIDE OF MULLION.



**Reliance™-LT**  
**Shear Block Anchors - H5021**

## ALL STANDARD RELIANCE-LT JAMBS / MULLS

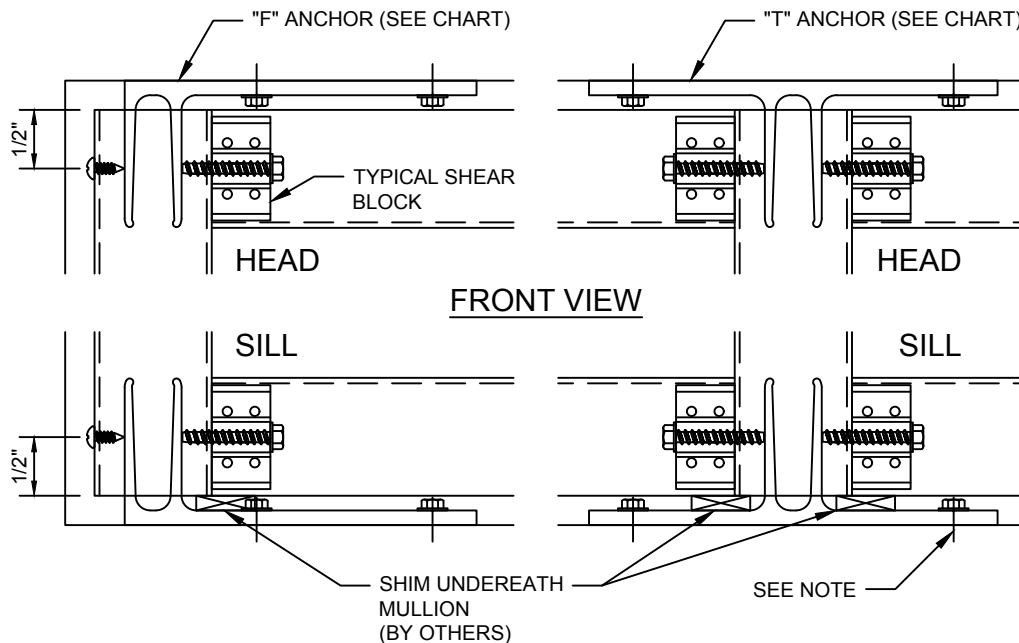


## "T" ANCHOR CHART

PART NO.	MULLION
RL-102-01	RL-400
RL-102-02	RL-500
RL-102-03	RL-404 - RL-410
RL-102-04	RL-504 - RL510

## "F" ANCHOR CHART

PART NO.	MULLION
RL-103-01	RL-400
RL-103-02	RL-500
RL-103-03	RL-404 - RL-410
RL-103-04	RL-504 - RL-510



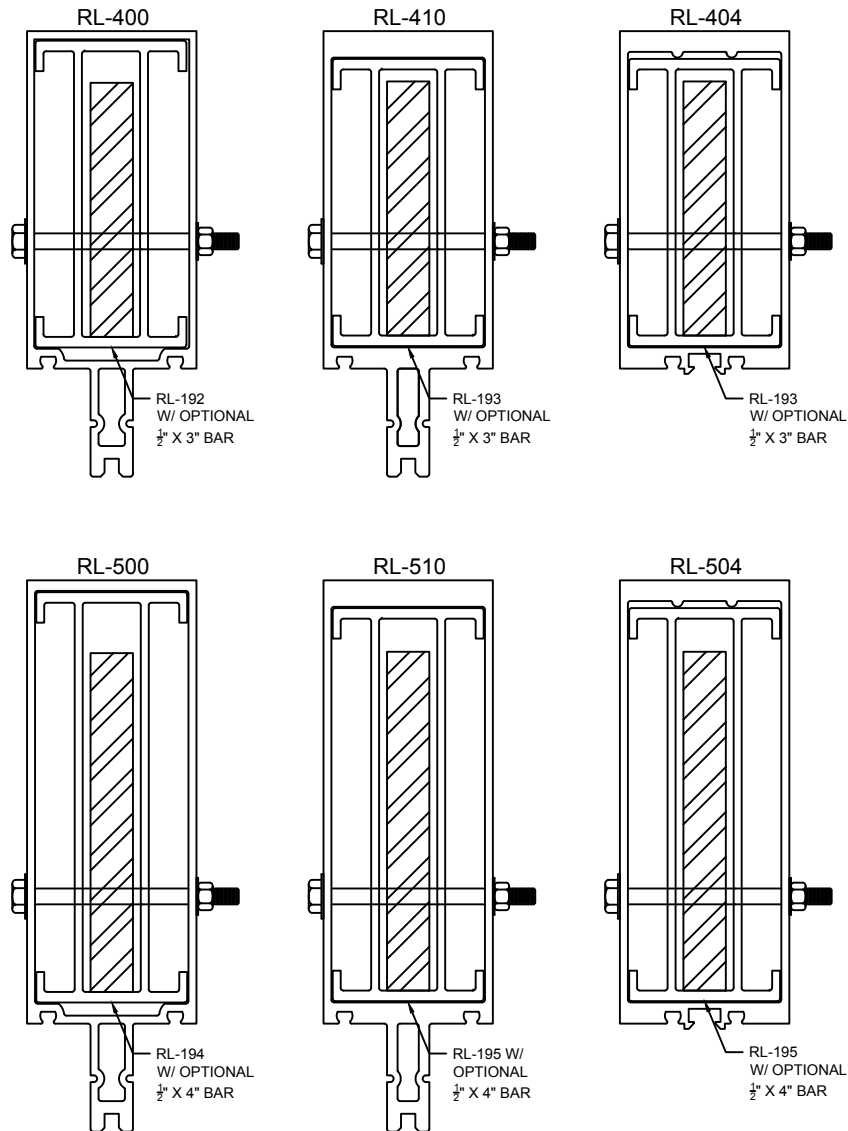
### NOTES:

1. ANCHOR BOLT SIZE, QUANTITY AND LOCATION DETERMINED BY STRUCTURAL ENGINEER
2. SCALE = 1/2 SIZE

## Reliance™-LT "F" & "T" Mullion Anchors - H5025

See approved shop dwg's for specific requirements.

Ref. installation manual for additional info.

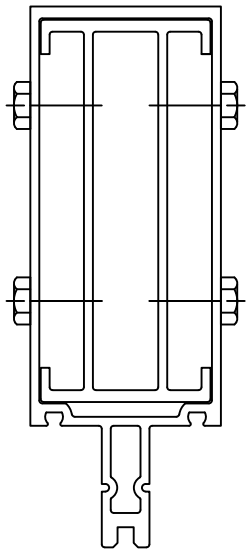


STEEL REINFORCING CHART

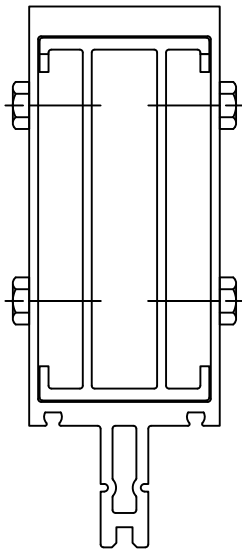
A	RL-192 Aluminum Reinforcement
B	RL-193 Aluminum Reinforcement
C	RL-194 Aluminum Reinforcement
D	RL-195 Aluminum Reinforcement
E	RL-192 w/ 1/2" x 3" Steel Bar
F	RL-193 w/ 1/2" x 3" Steel Bar
G	RL-194 w/ 1/2" x 4" Steel Bar
H	RL-195 w/ 1/2" x 4" Steel Bar

## Reliance™-LT Steel Reinforcement - H5030

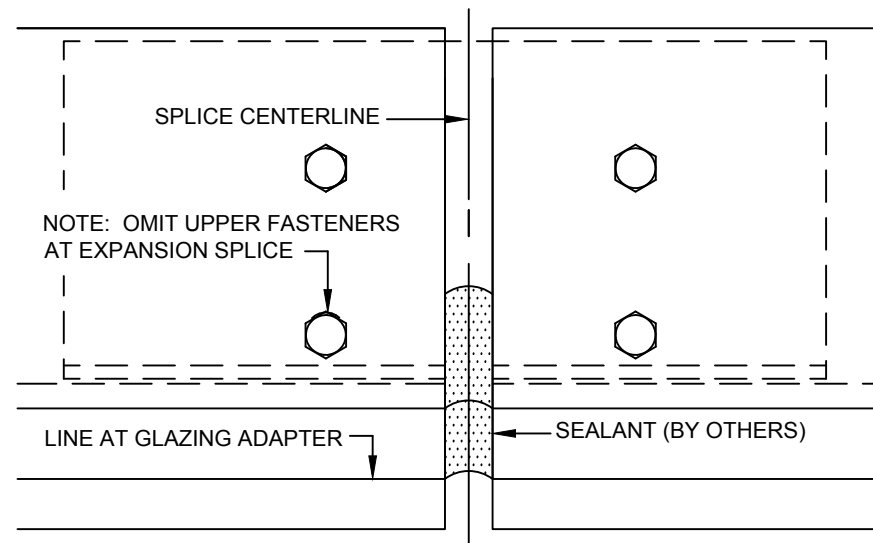
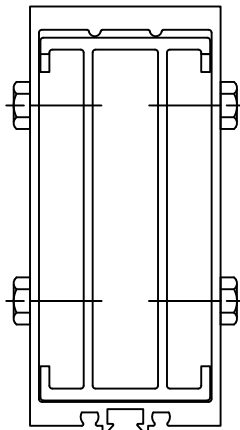
RL-400/RL-500



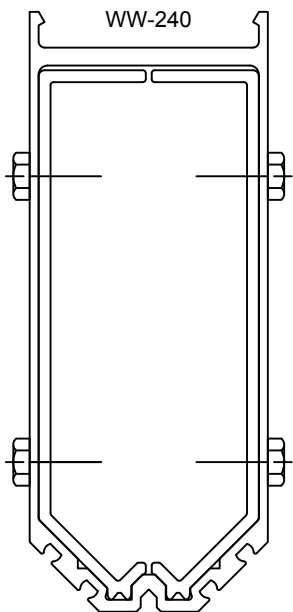
RL-410/RL-510



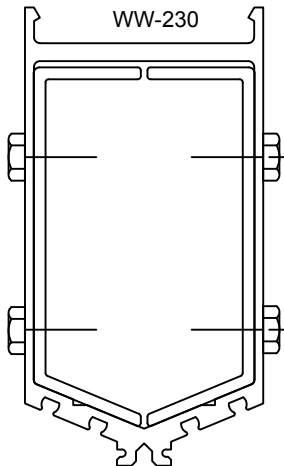
RL-404/RL-504



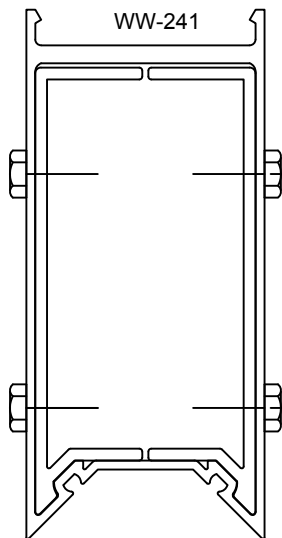
WW-240



WW-230



WW-241



6" SYSTEM DEPTH

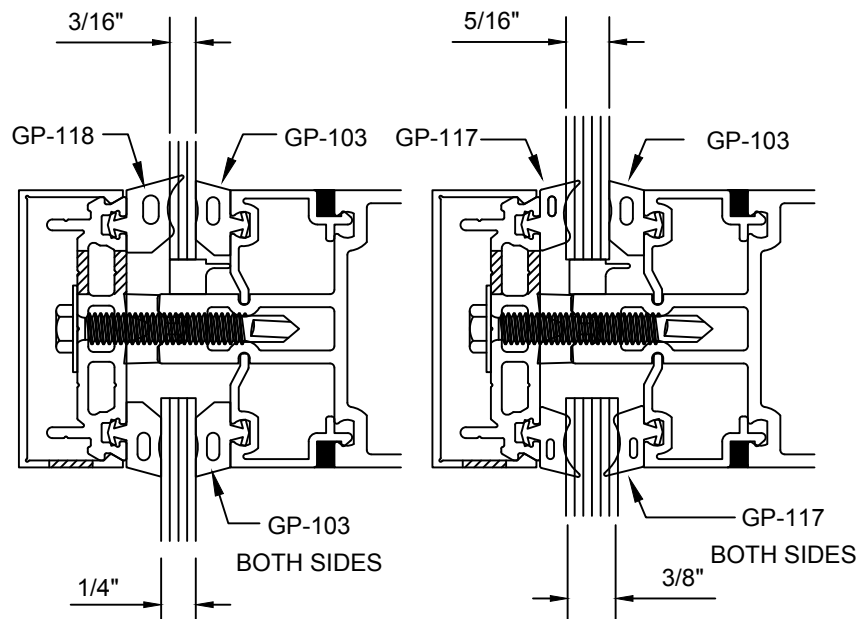
MULLION	SPLICE
RL-400	RL-192-01
RL-404	RL-193-01
RL-410	RL-193-01
WW-230	WW-190-01
WW-240	WW-191-01
WW-241	WW-202-01

7-1/4" SYSTEM DEPTH

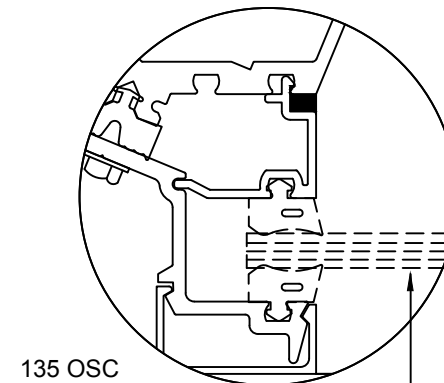
MULLION	SPLICE
RL-500	RL-194-01
RL-504	RL-195-01
RL-510	RL-195-01
WW-230	WW-190-01
WW-240	WW-191-01
WW-241	WW-202-01

REFERENCE INSTALLATION MANUAL FOR ADDITIONAL SPLICE INFO.

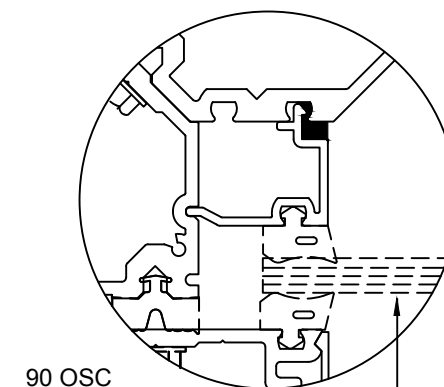
## Reliance™-LT Mullion Splices - H5043



Glass Chart			
Glass	Gasket Exterior	Gasket Interior	Glazing Adapter
0.1875"	GP-118	GP-103	RL-130
0.250"	GP-103	GP-103	RL-130
0.3125"	GP-117	GP-103	RL-130
0.375"	GP-117	GP-117	RL-130



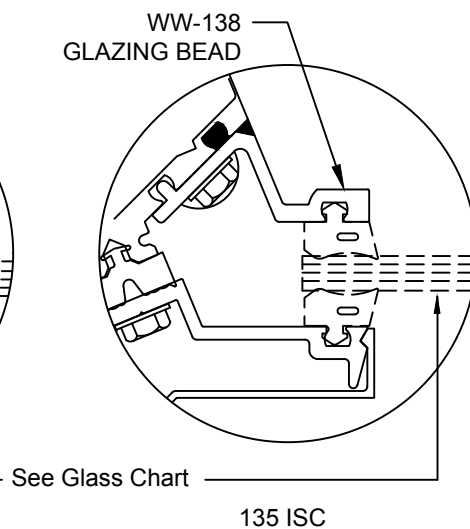
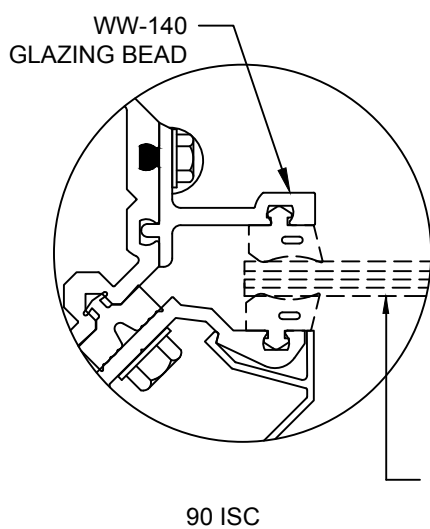
See Glass Chart



See Glass Chart

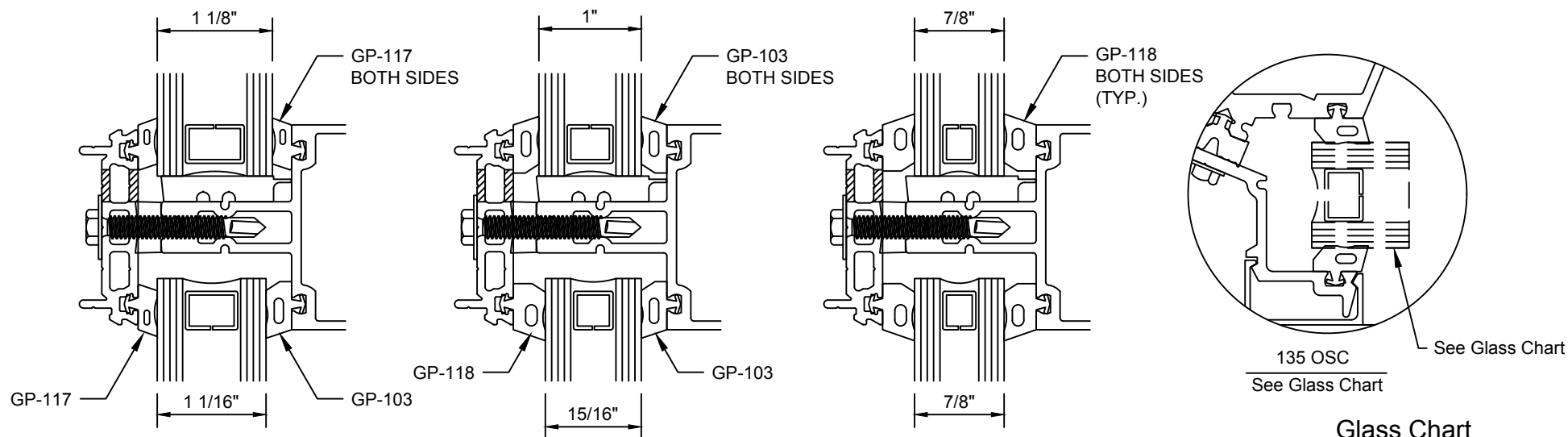
#### NOTE:

1. GP-101 (modified) Setting Block (Typical)
2. Glass Pocket with adapter = 3/4"
3. Adaptors/Glazing Beads set in Sealant (Sealant by Others)
4. Single mullion corners available with aluminum pressure plate only.



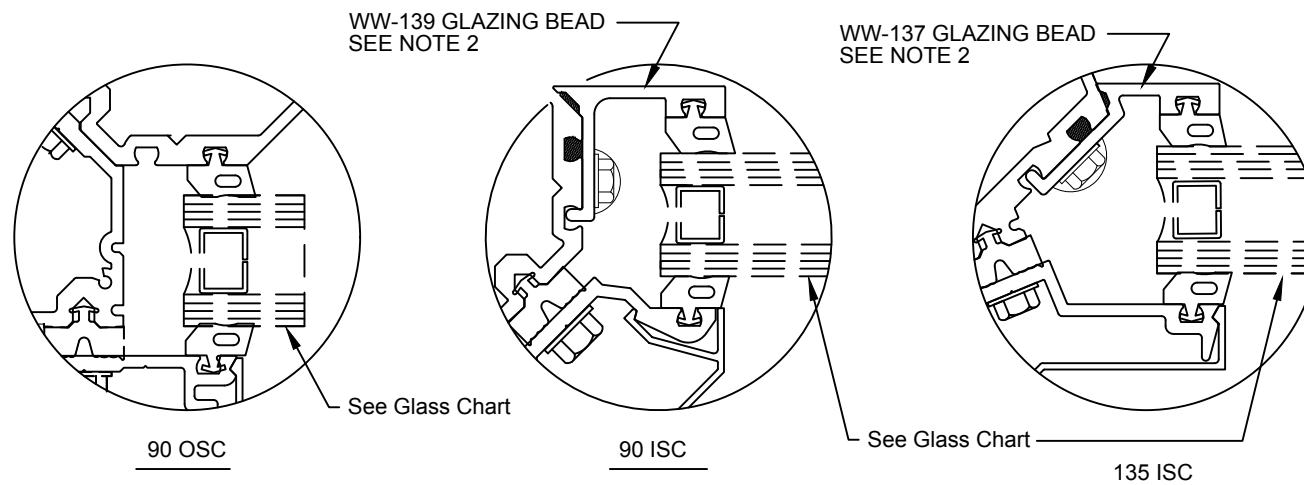
## Reliance™-LT Glazing Adaptors and Spandrel Glass Options - H5096





Glass Chart

Glass Size	Gasket Exterior	Gasket Interior
0.875"	GP-118	GP-118
0.9375"	GP-118	GP-103
1.00"	GP-103	GP-103
1.0625"	GP-117	GP-103
1.125"	GP-117	GP-117



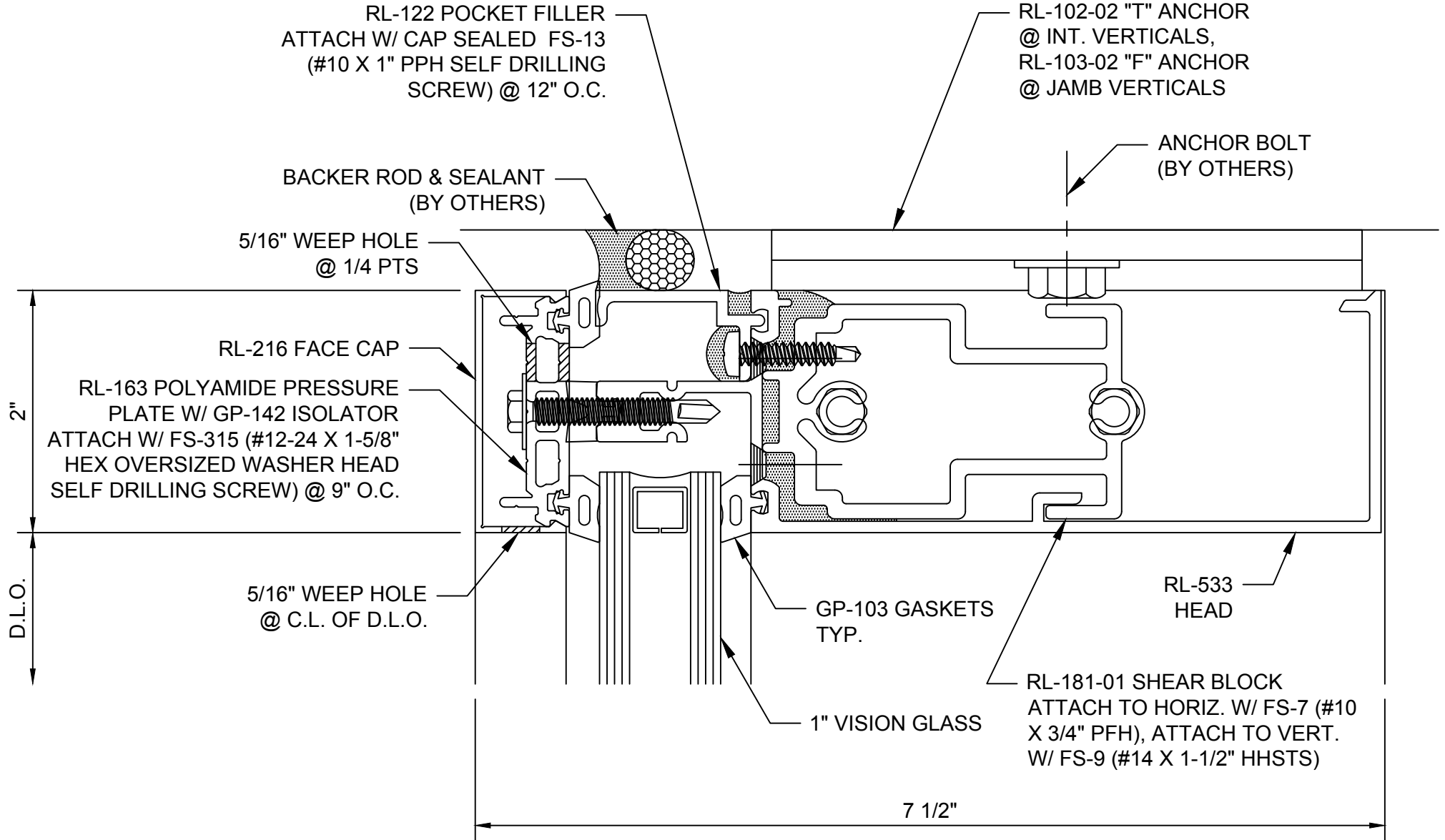
NOTE:

1. Glass Pocket = 1-1/2" (Typical)
2. Glazing beads set in sealant (Sealant by others)

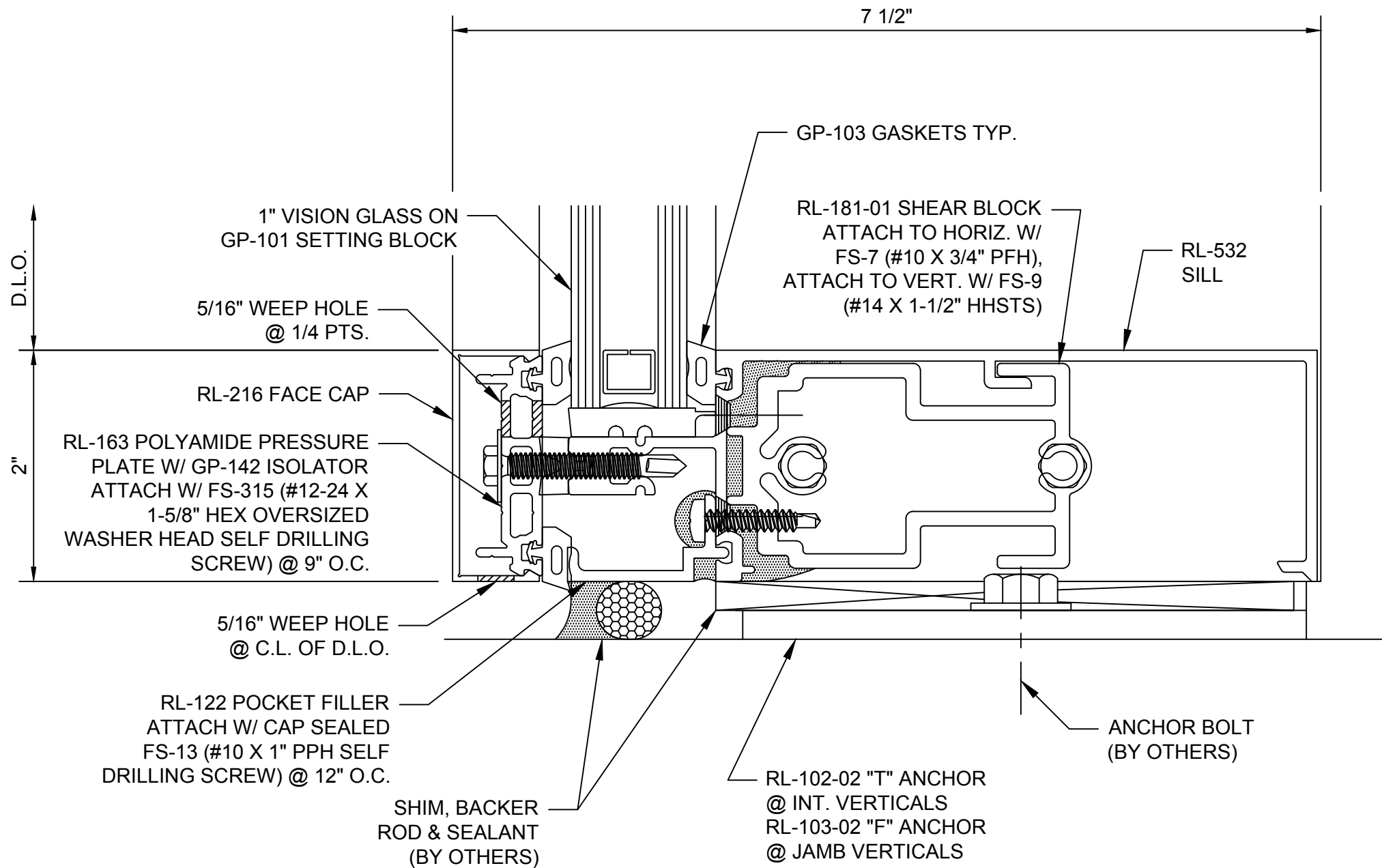
135° SINGLE MULL CORNERS NOT AVAILABLE AT 10" SYSTEMS

## Reliance™-LT

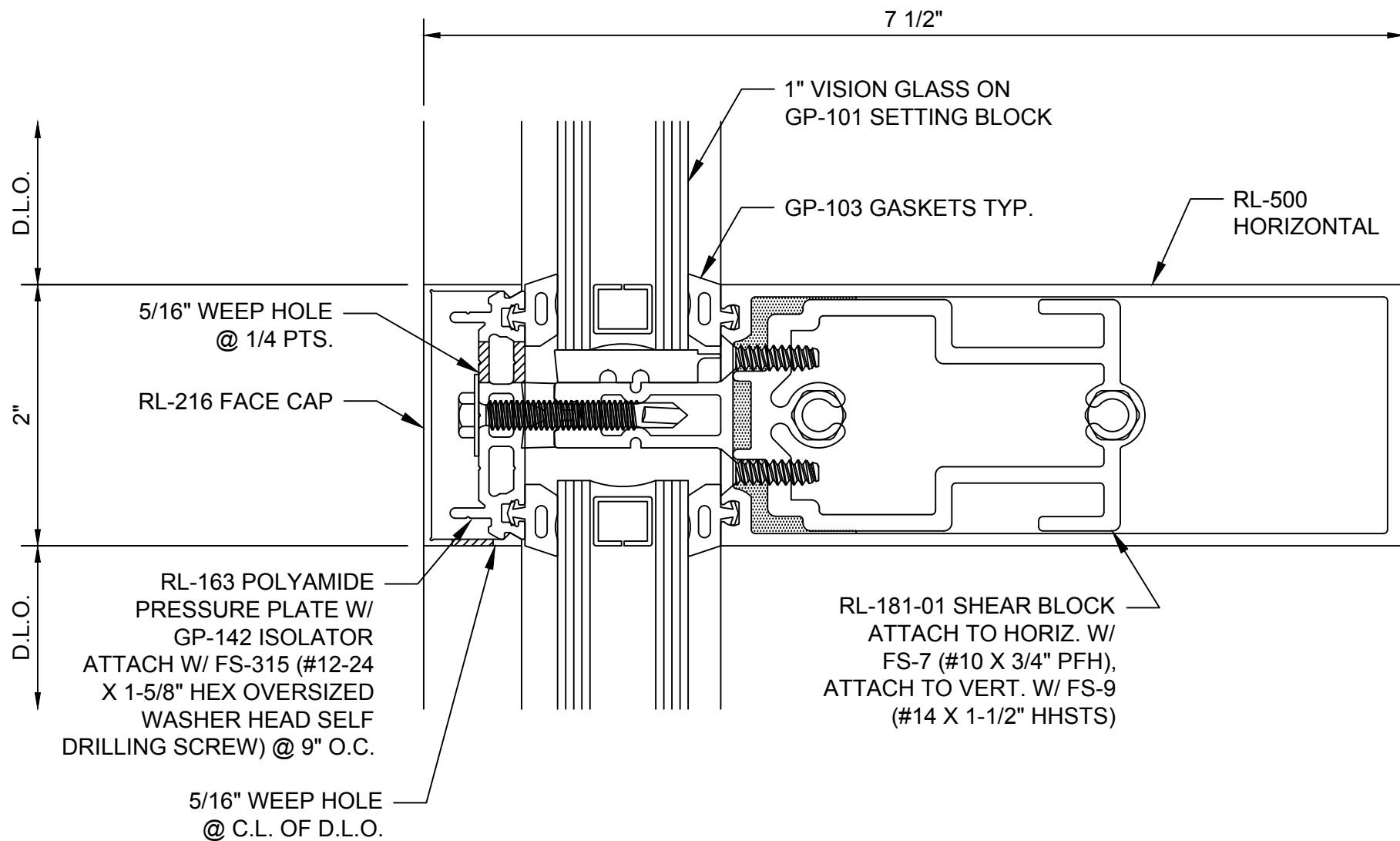
### Glazing Adaptors and Vision Glass Options - H5098



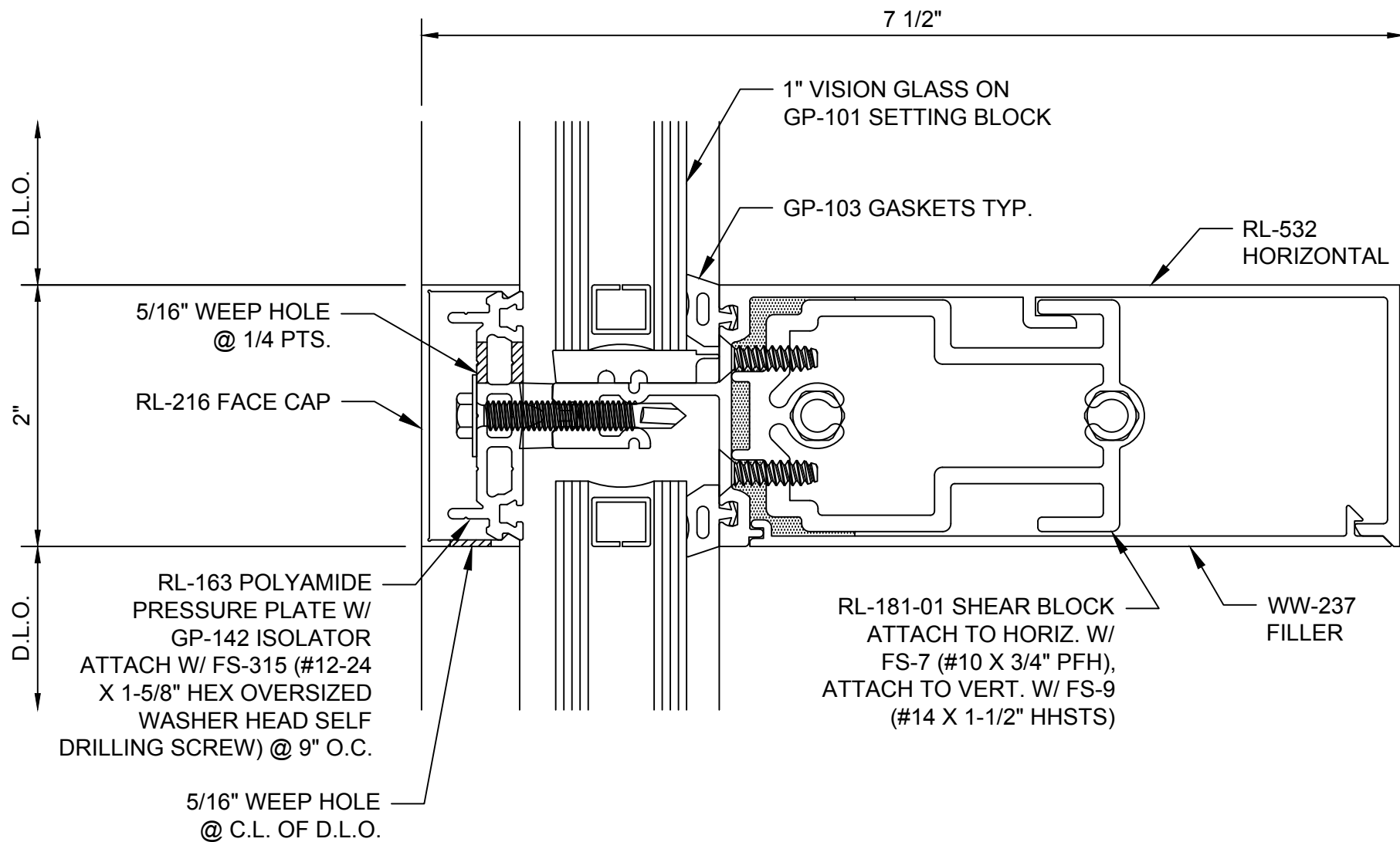
## Reliance™-LT Head at Vision - H5151



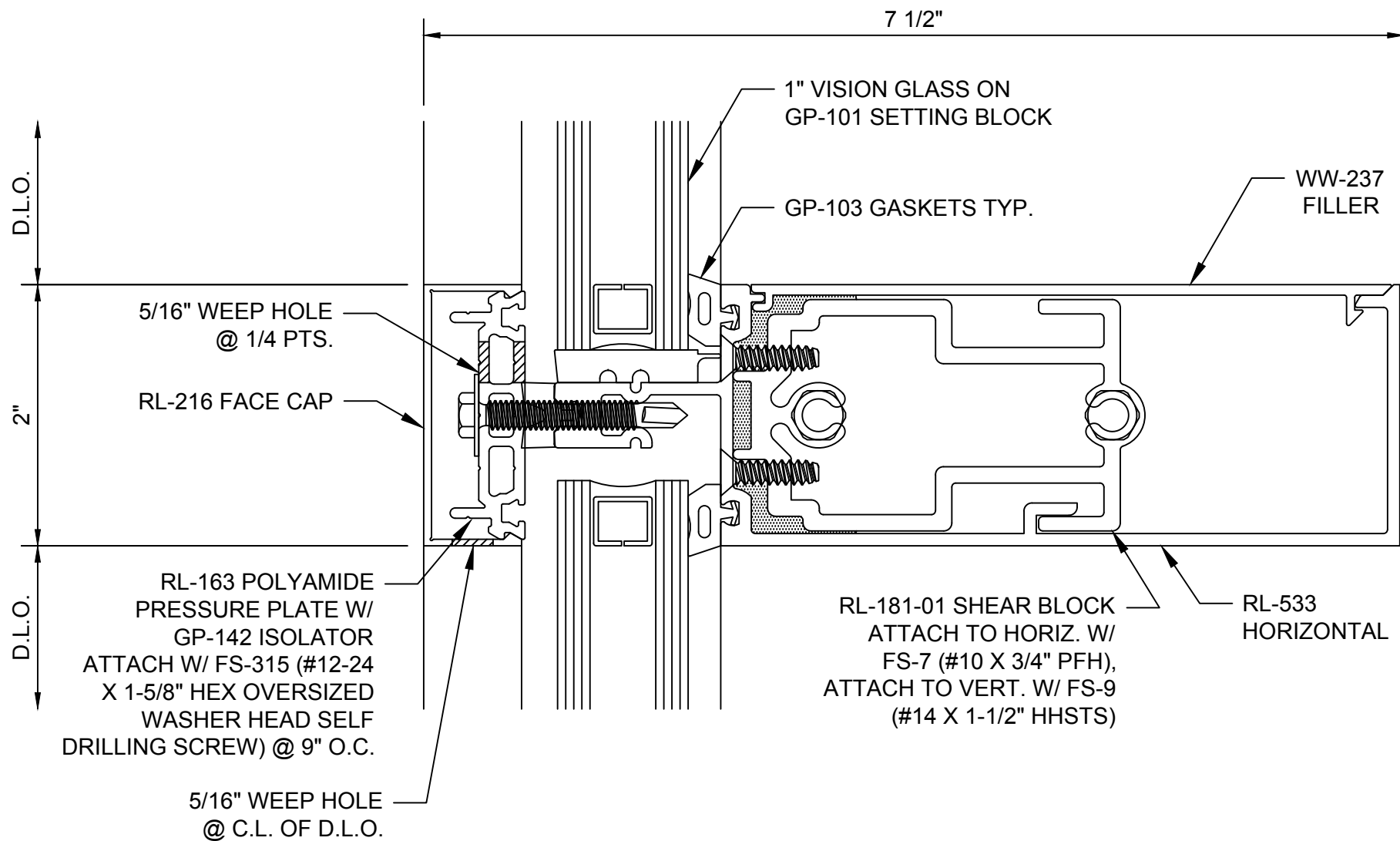
**Reliance™-LT**  
**Sill at Vision - H5154**



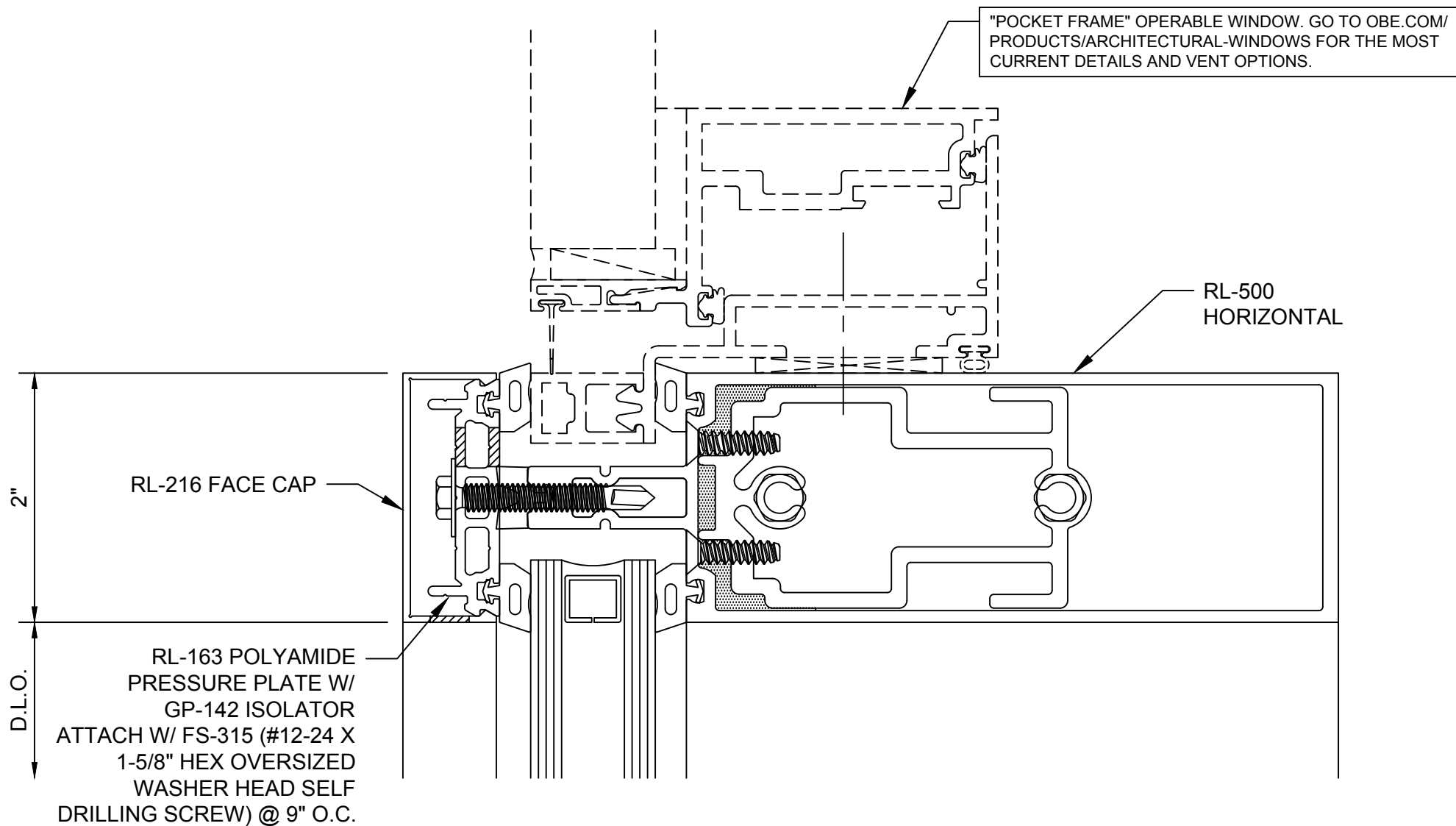
**Reliance™-LT**  
**Intermediate Horizontal at Vision - H5155**



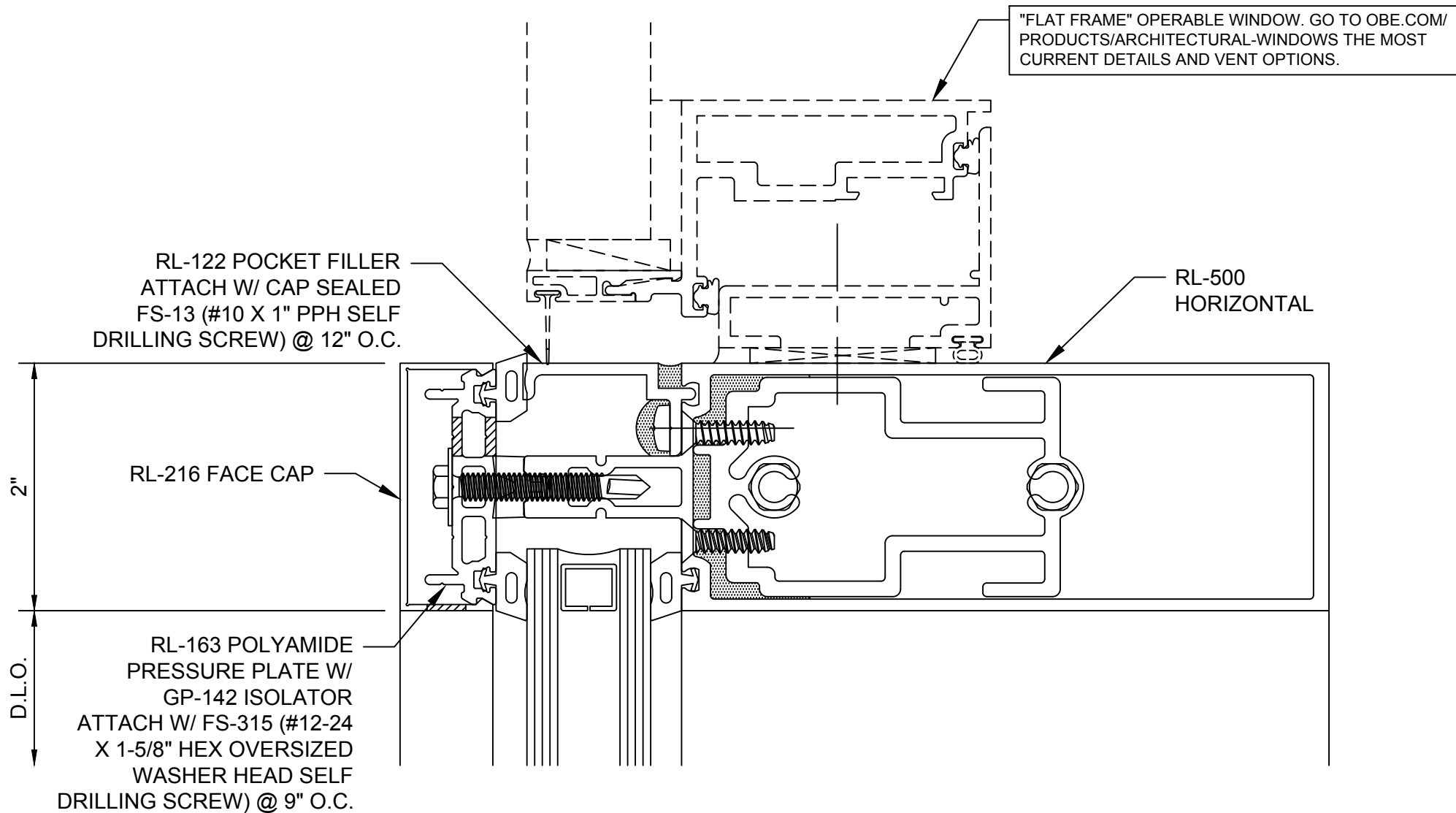
**Reliance™-LT**  
**Roll-over Horizontal at Vision - H5158**



**Reliance™-LT**  
**Roll-under Horizontal at Vision - H5159**



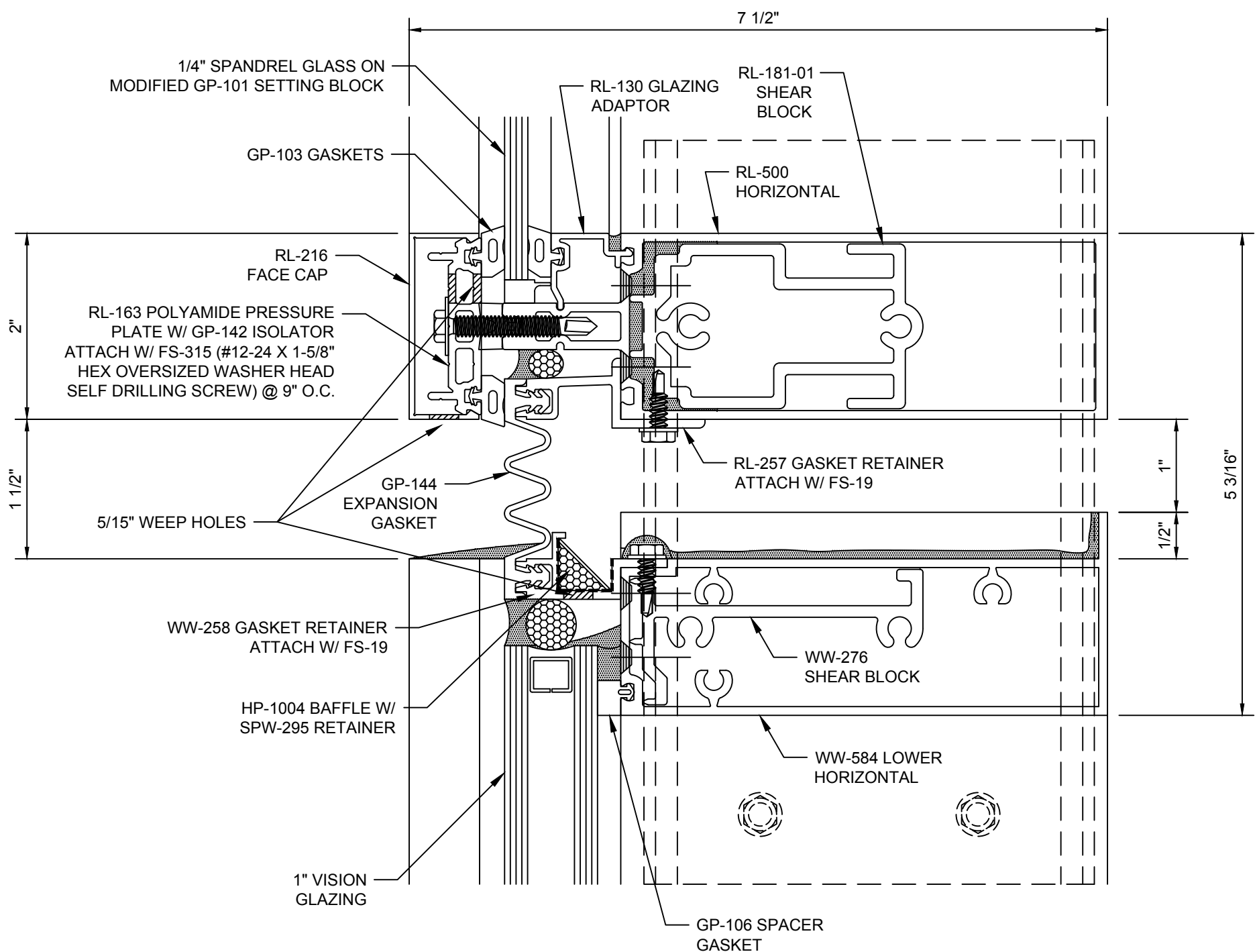
**Reliance™-LT**  
**Horizontal at Operable Window - H5168**



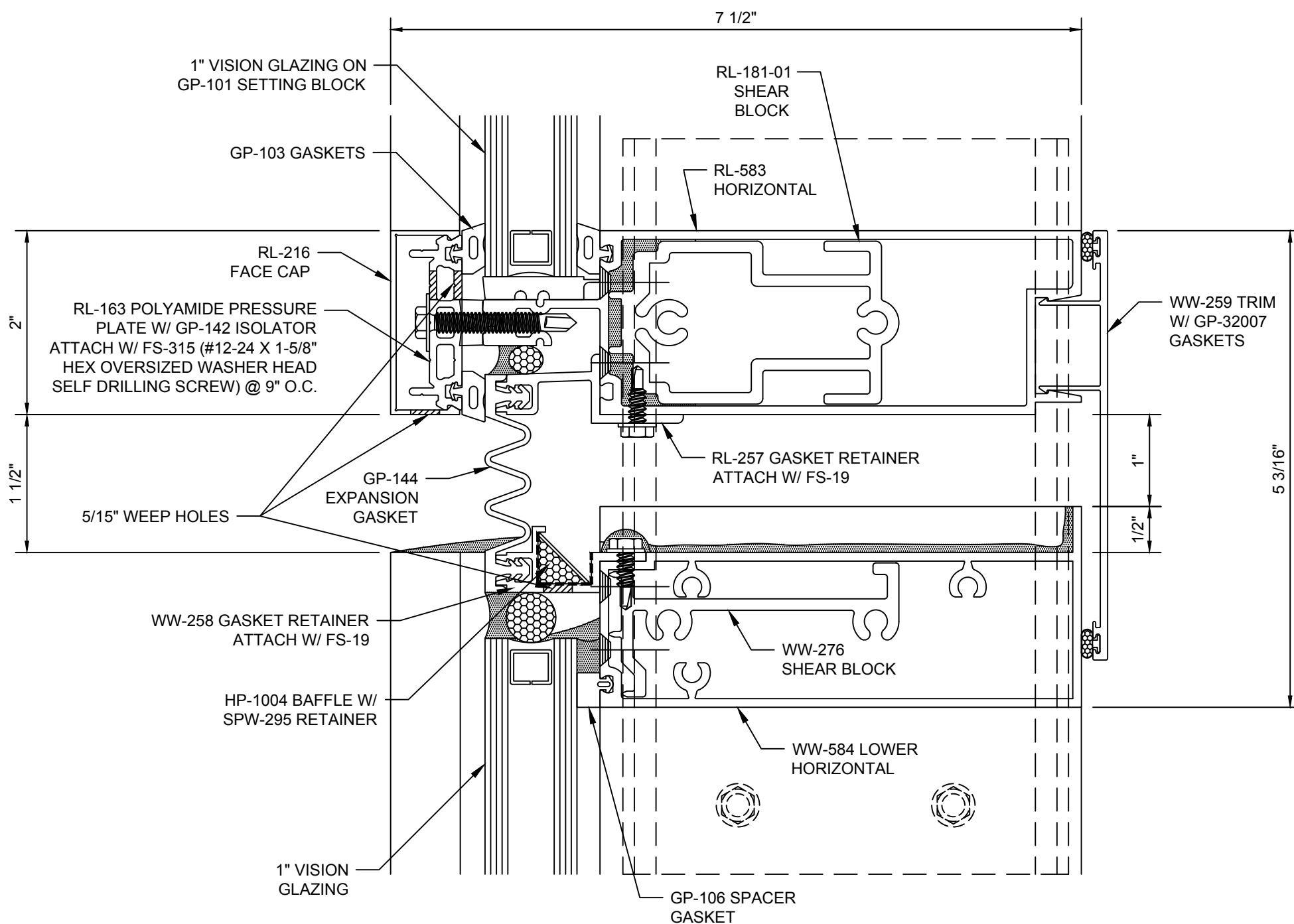
## Reliance™-LT

### Horizontal at Operable Window - H5169



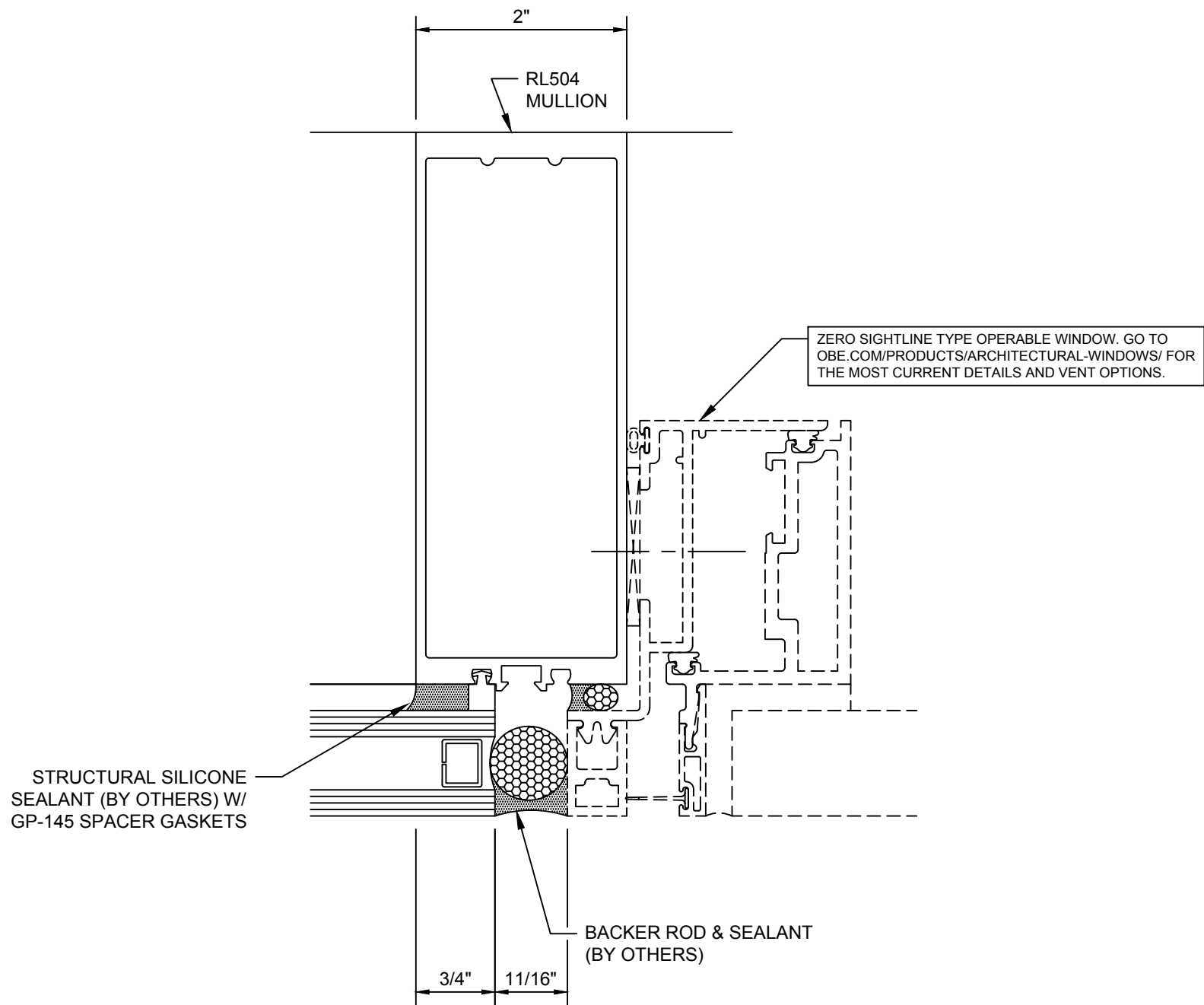


**Reliance™-LT**  
**Expansion Horizontal - H5194**

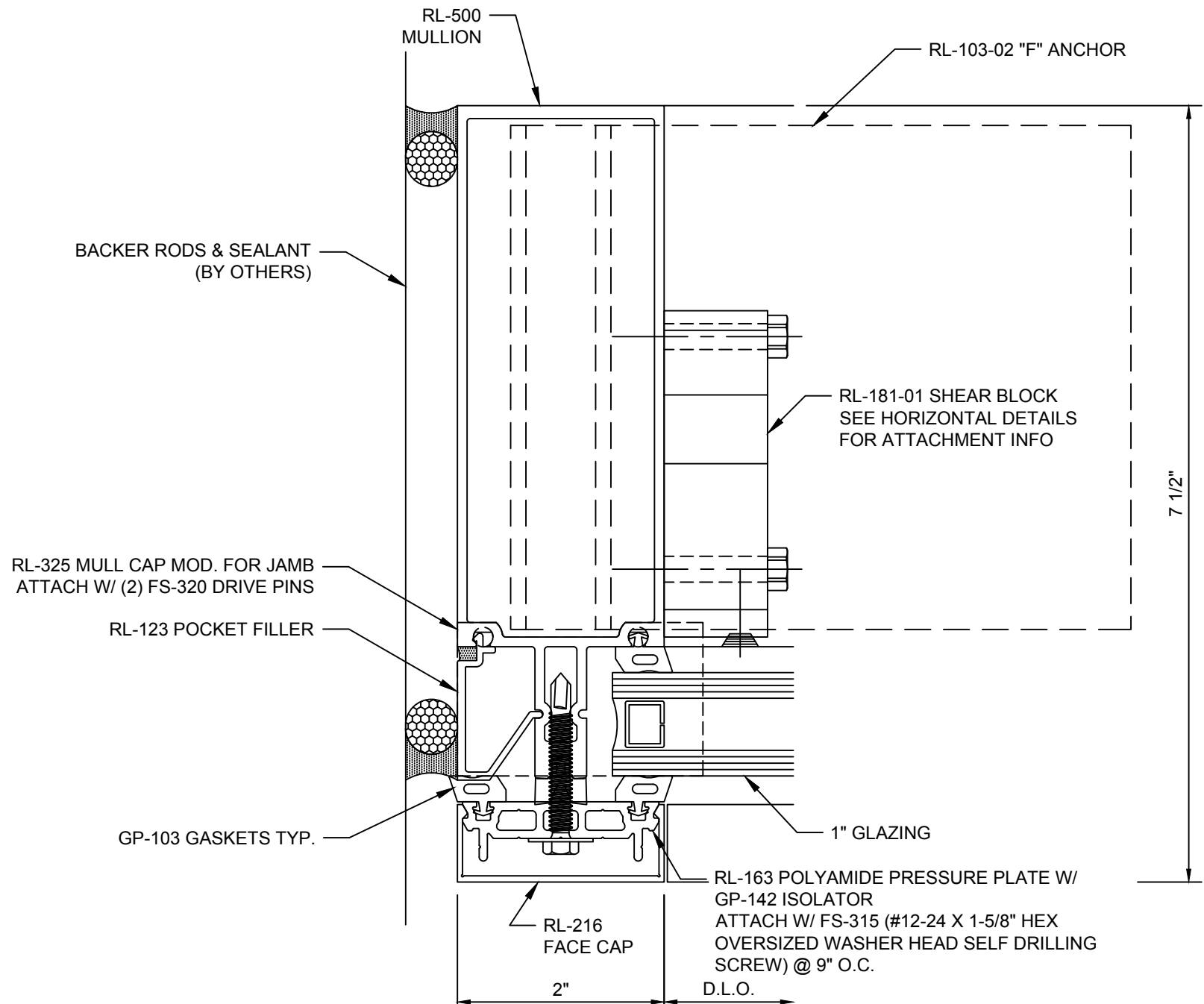


## Reliance™-LT

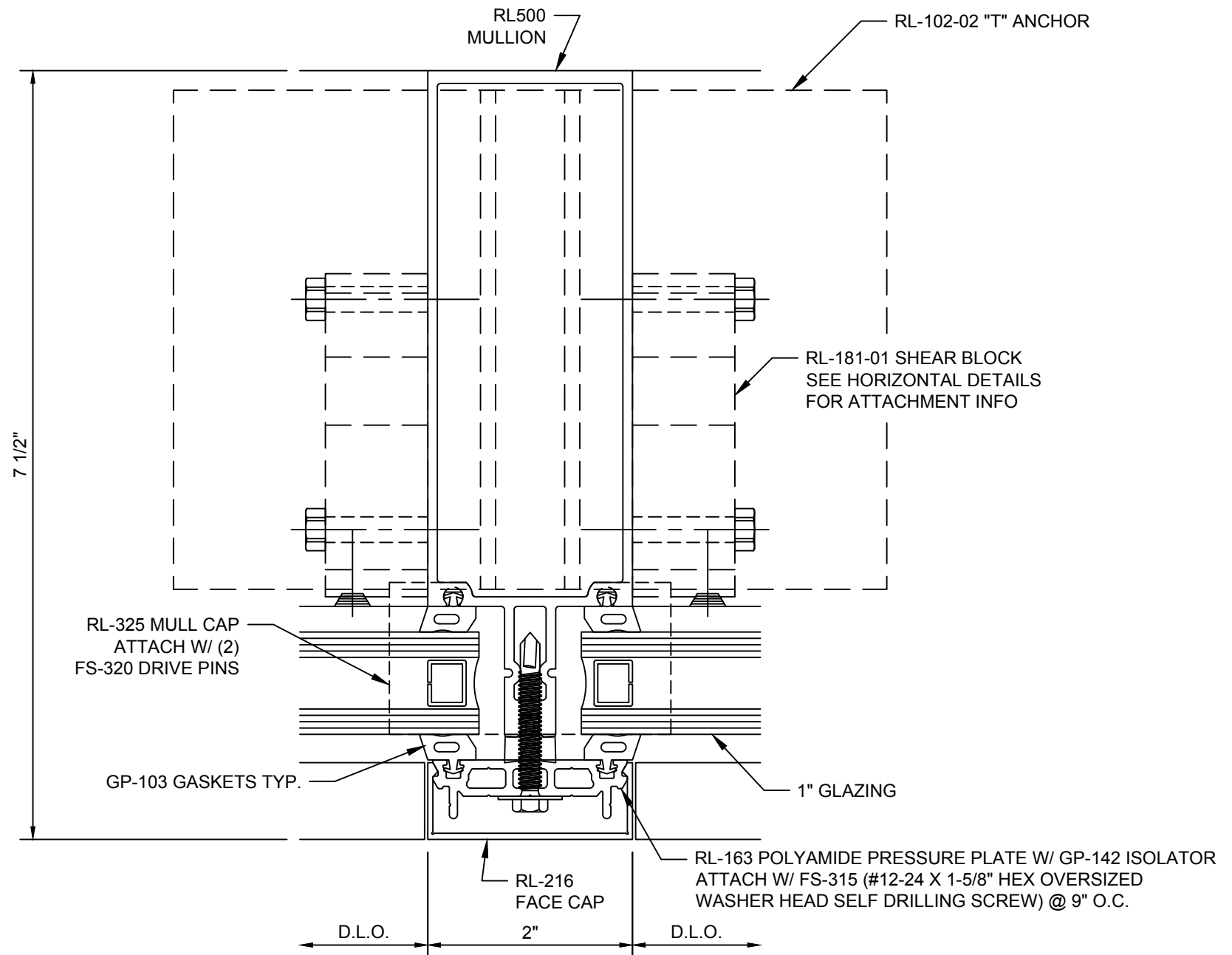
### Expansion Horizontal - H5195



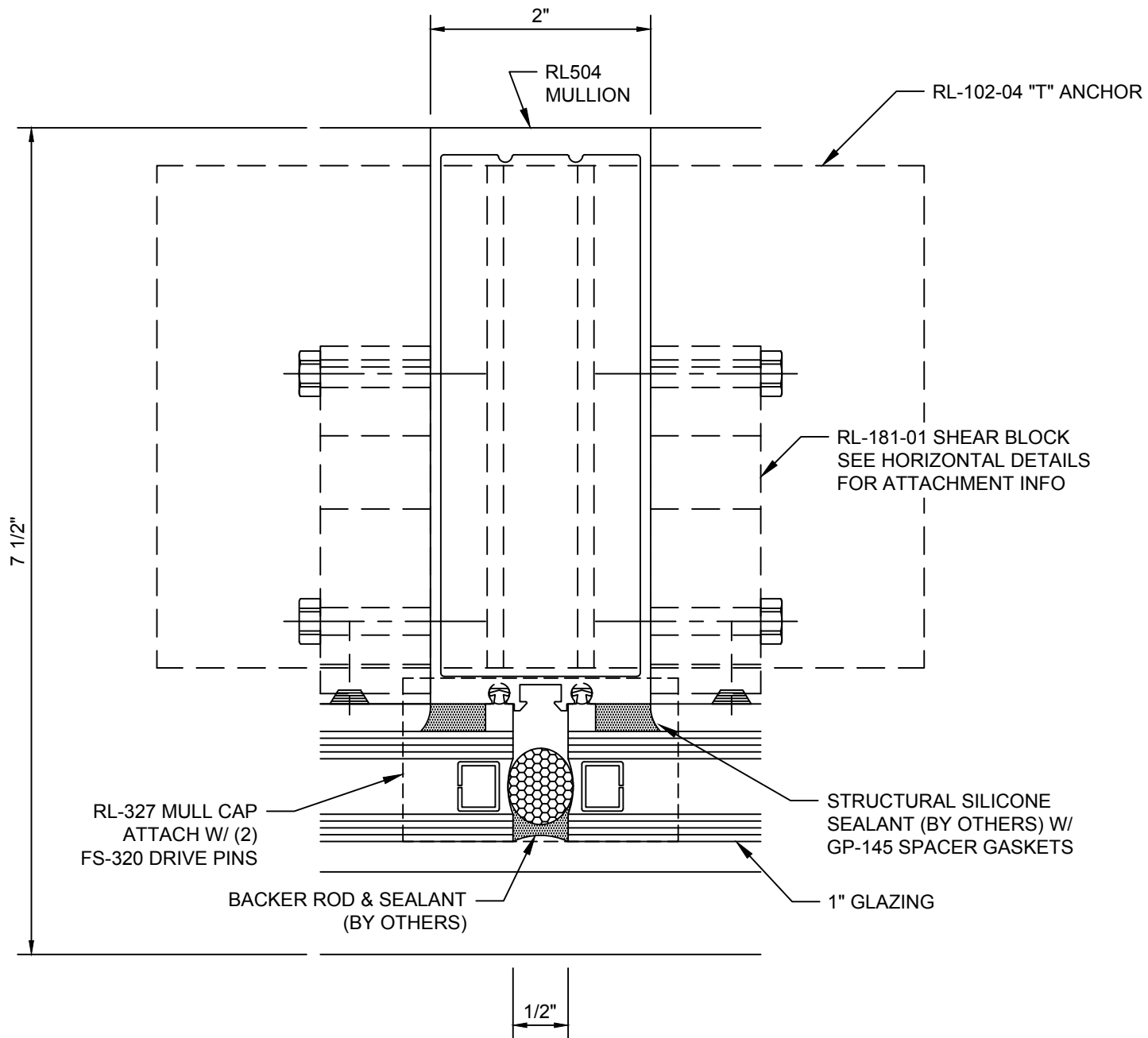
## Reliance™-LT SSG Vertical Mullion at Operable Window - V5129



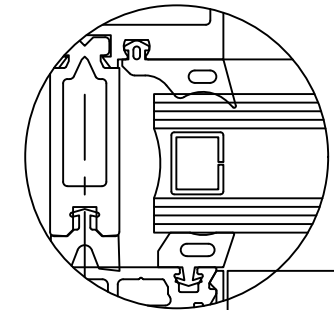
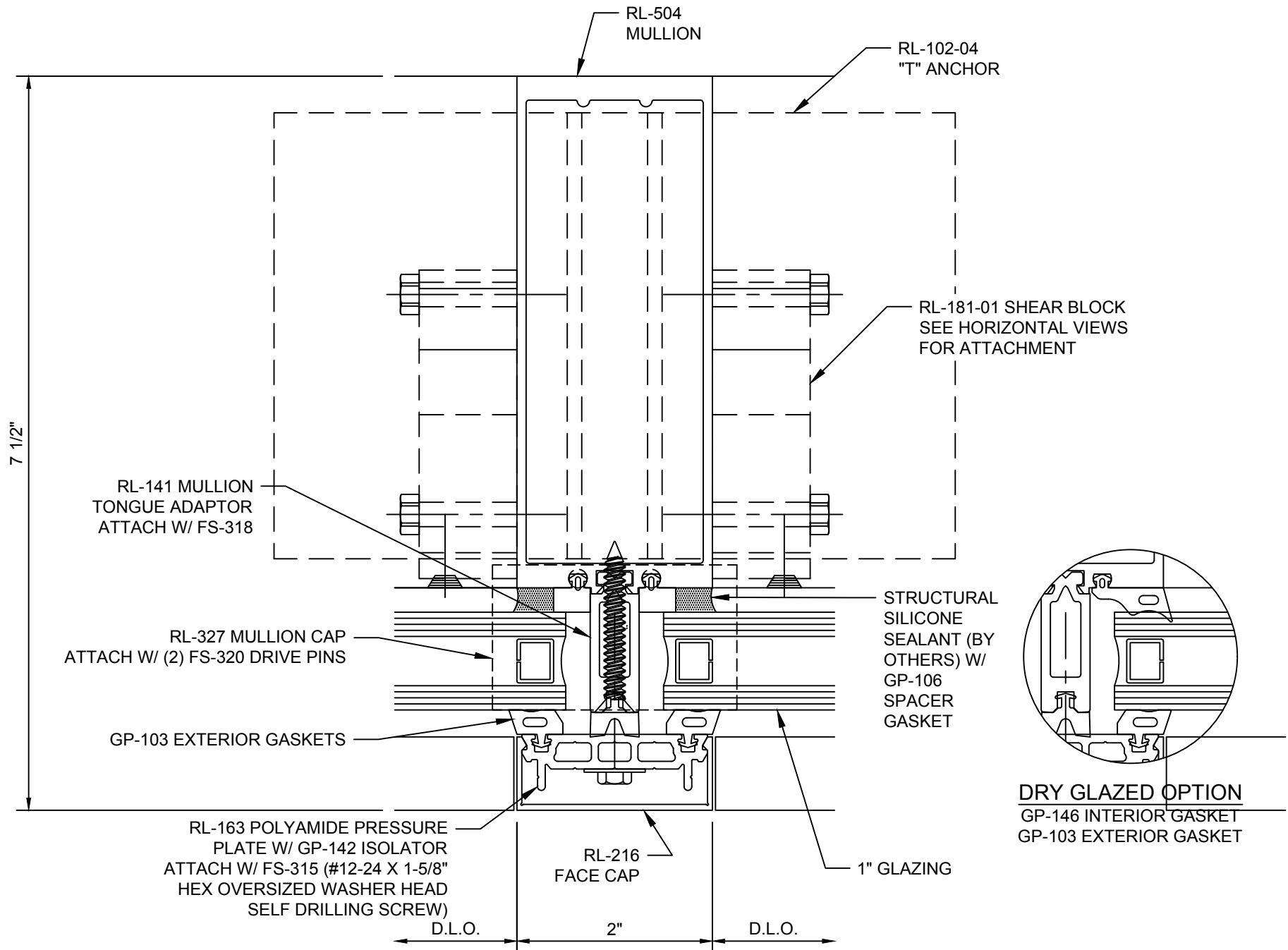
**Reliance™-LT**  
**Jamb Vertical - V5151**



## Reliance™-LT Vertical Mullion - V5152

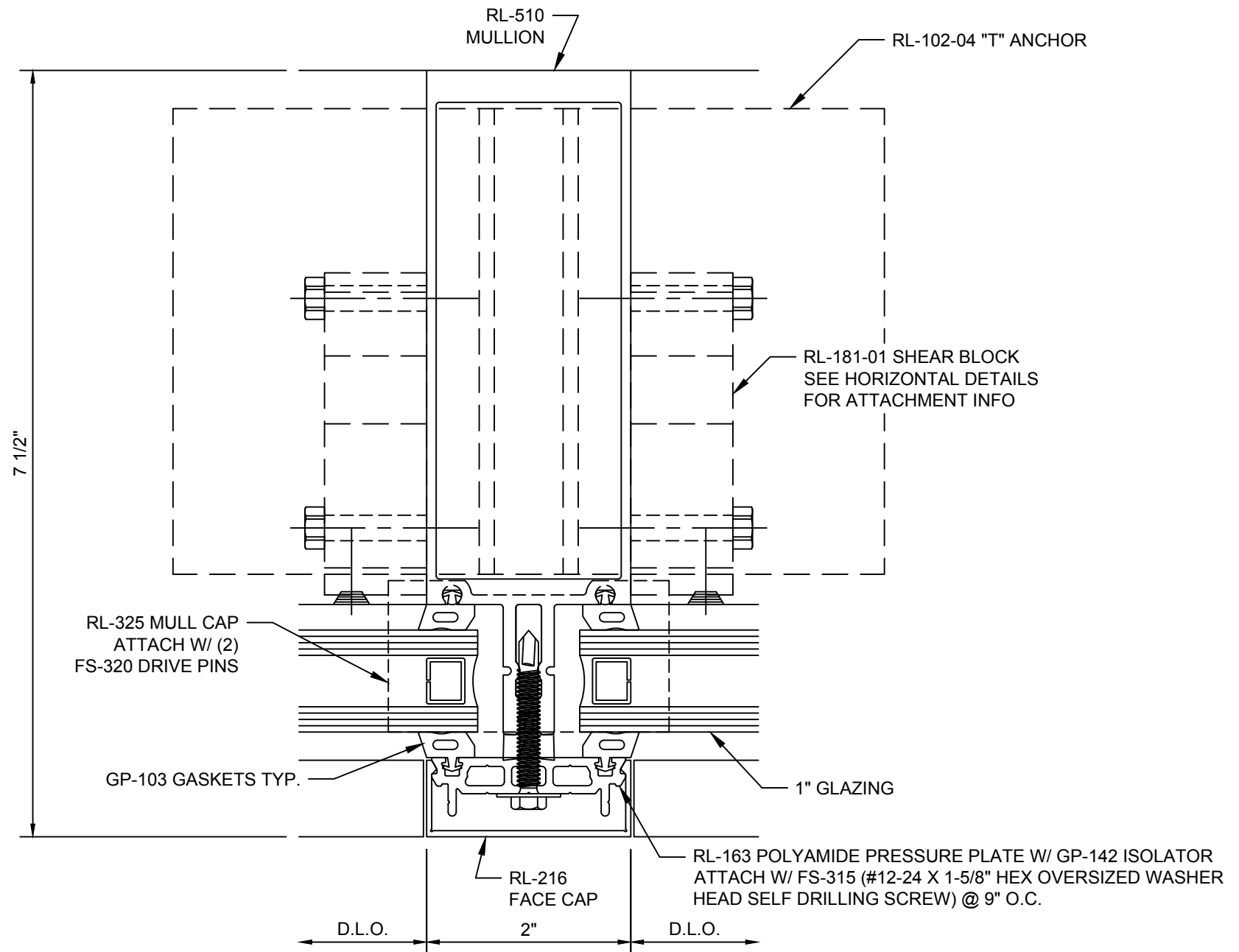


**Reliance™-LT**  
**SSG Vertical Mullion - V5153**



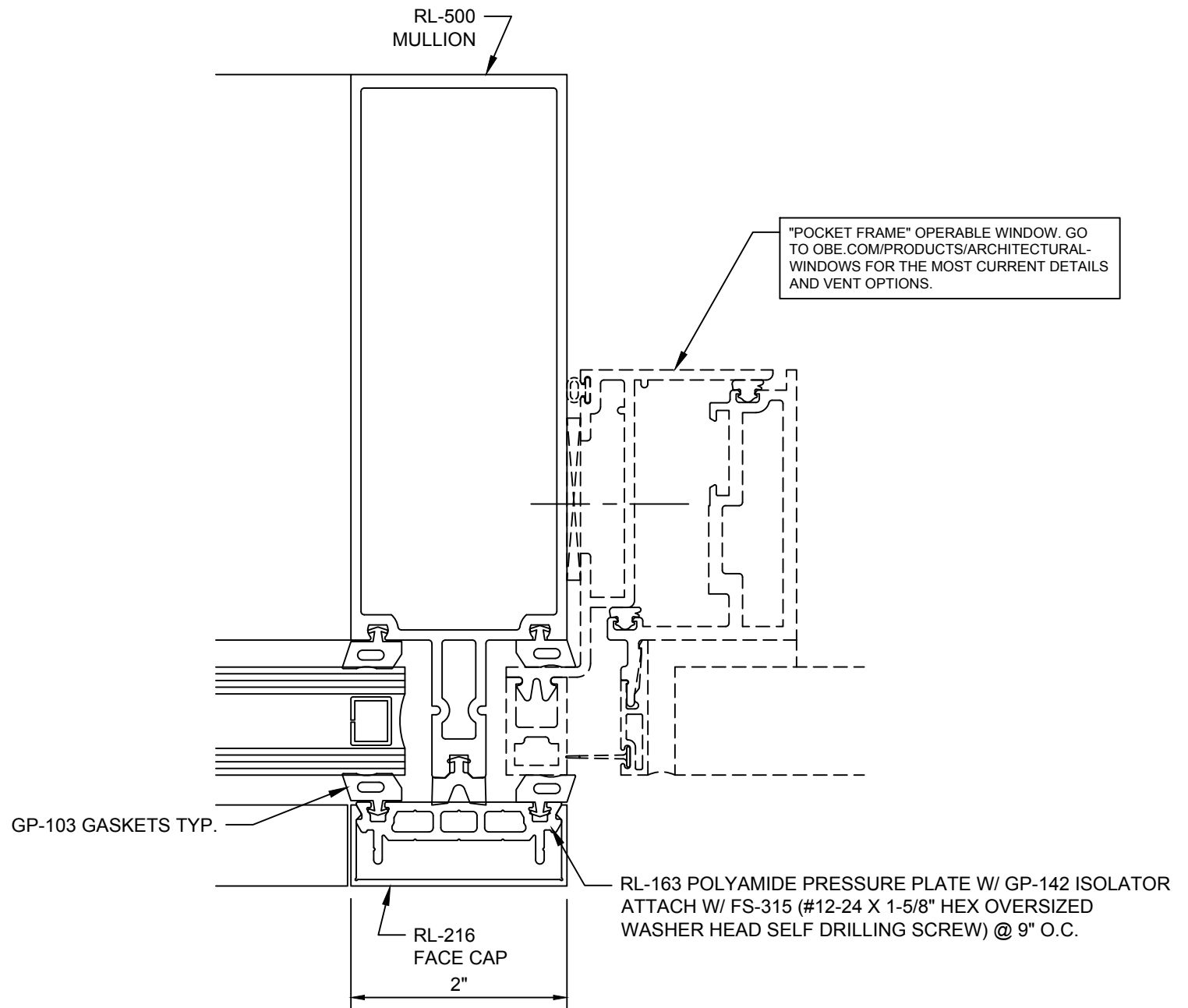
**DRY GLAZED OPTION**  
 GP-146 INTERIOR GASKET  
 GP-103 EXTERIOR GASKET

**Reliance™-LT**  
**SSG Vertical Mullion - V5154**

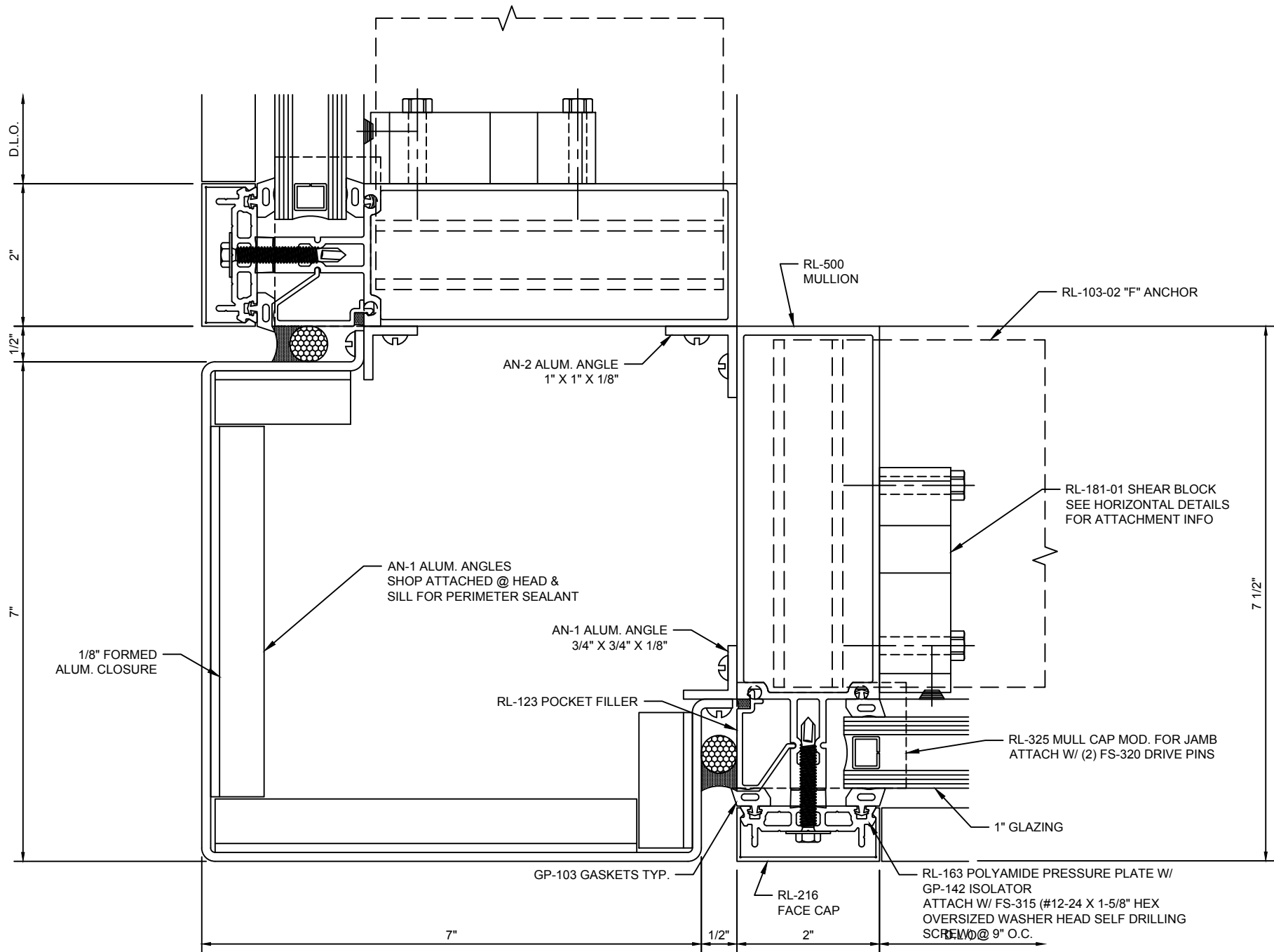


**Reliance™-LT**  
**Heavy Mullion - V5155**



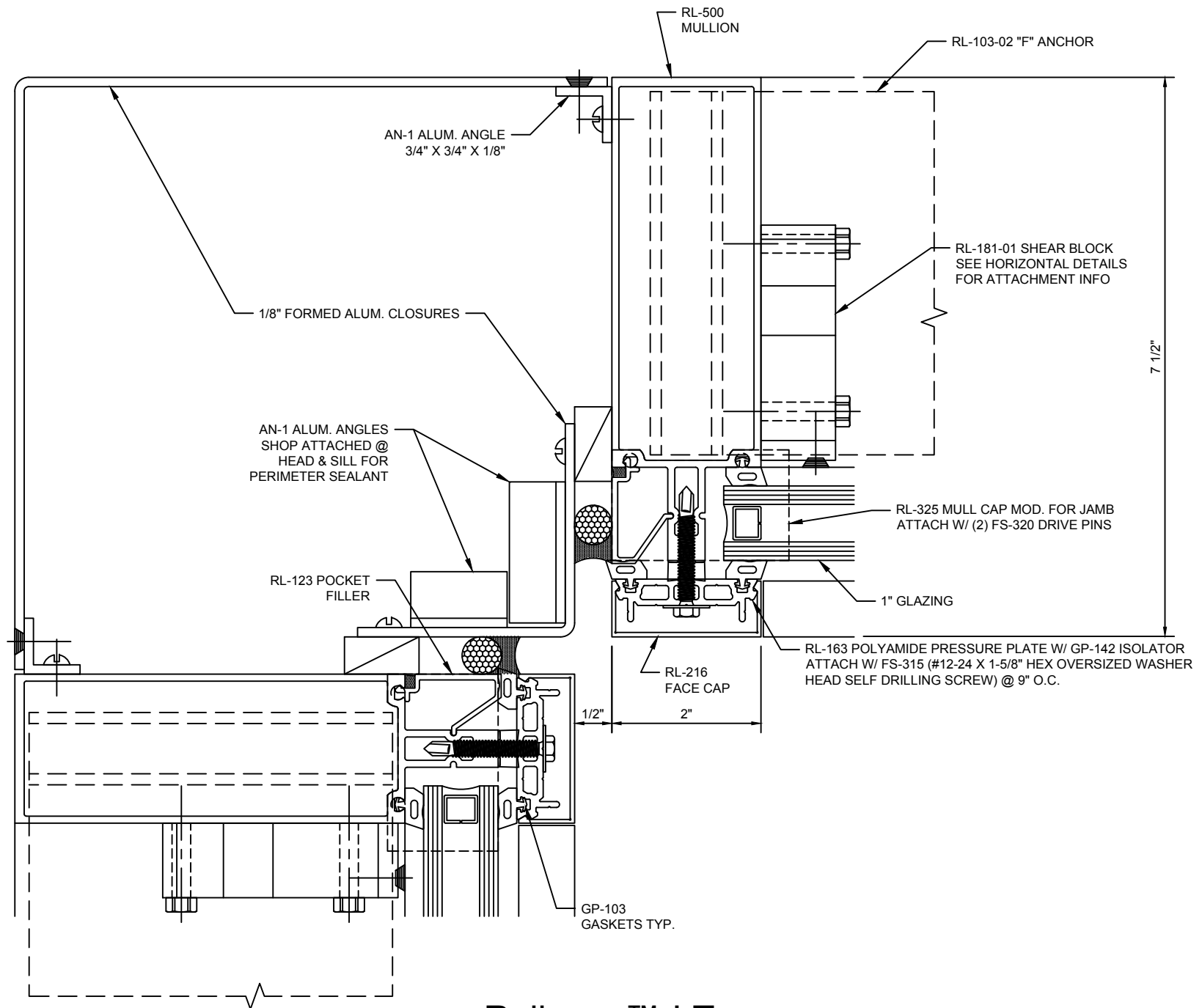


## Reliance™-LT Mullion at Operable Window - V5158

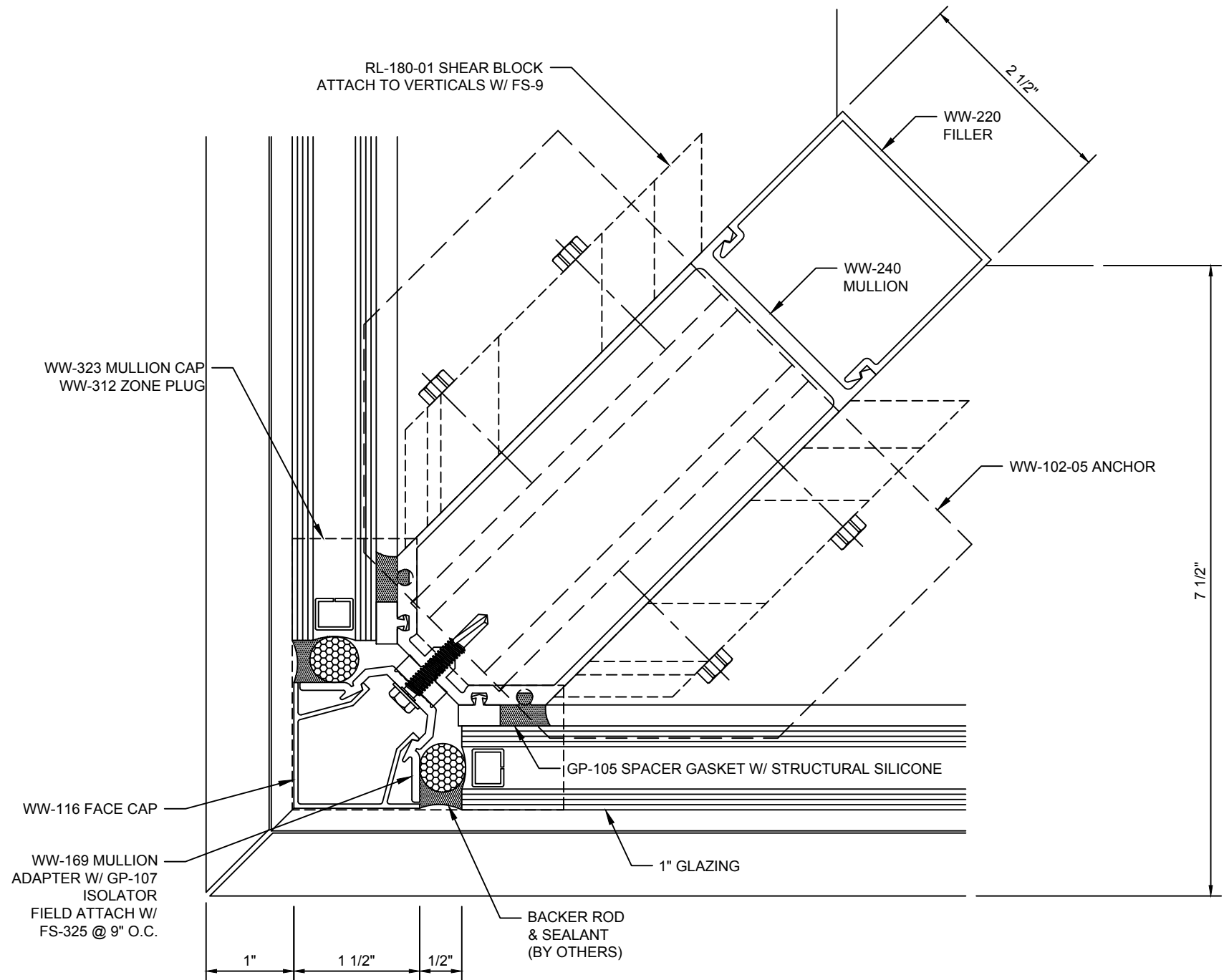


## Reliance™-LT

### 90° Outside Corner at Vision - V5165

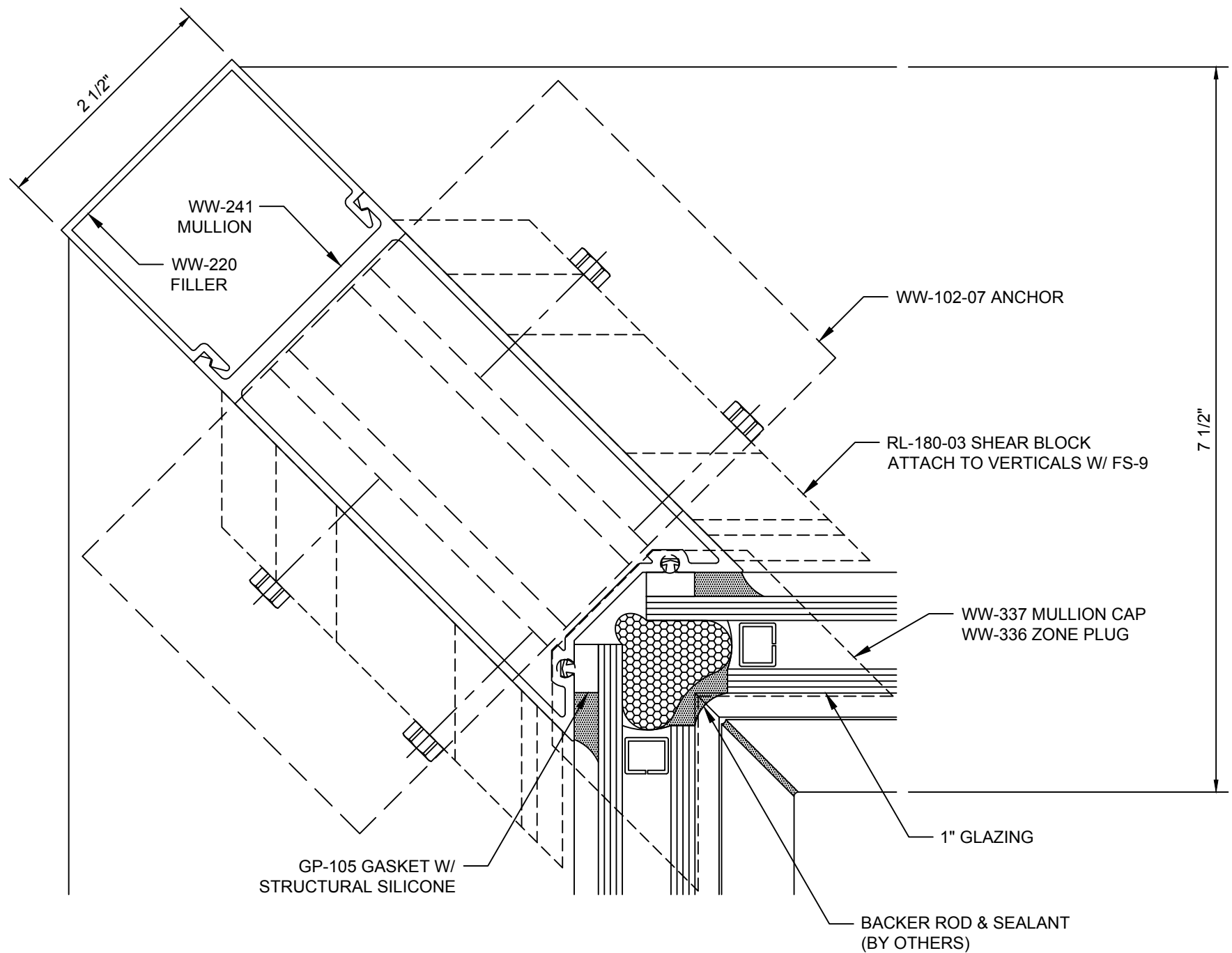


**Reliance™-LT**  
**90° Inside Corner at Vision - V5166**

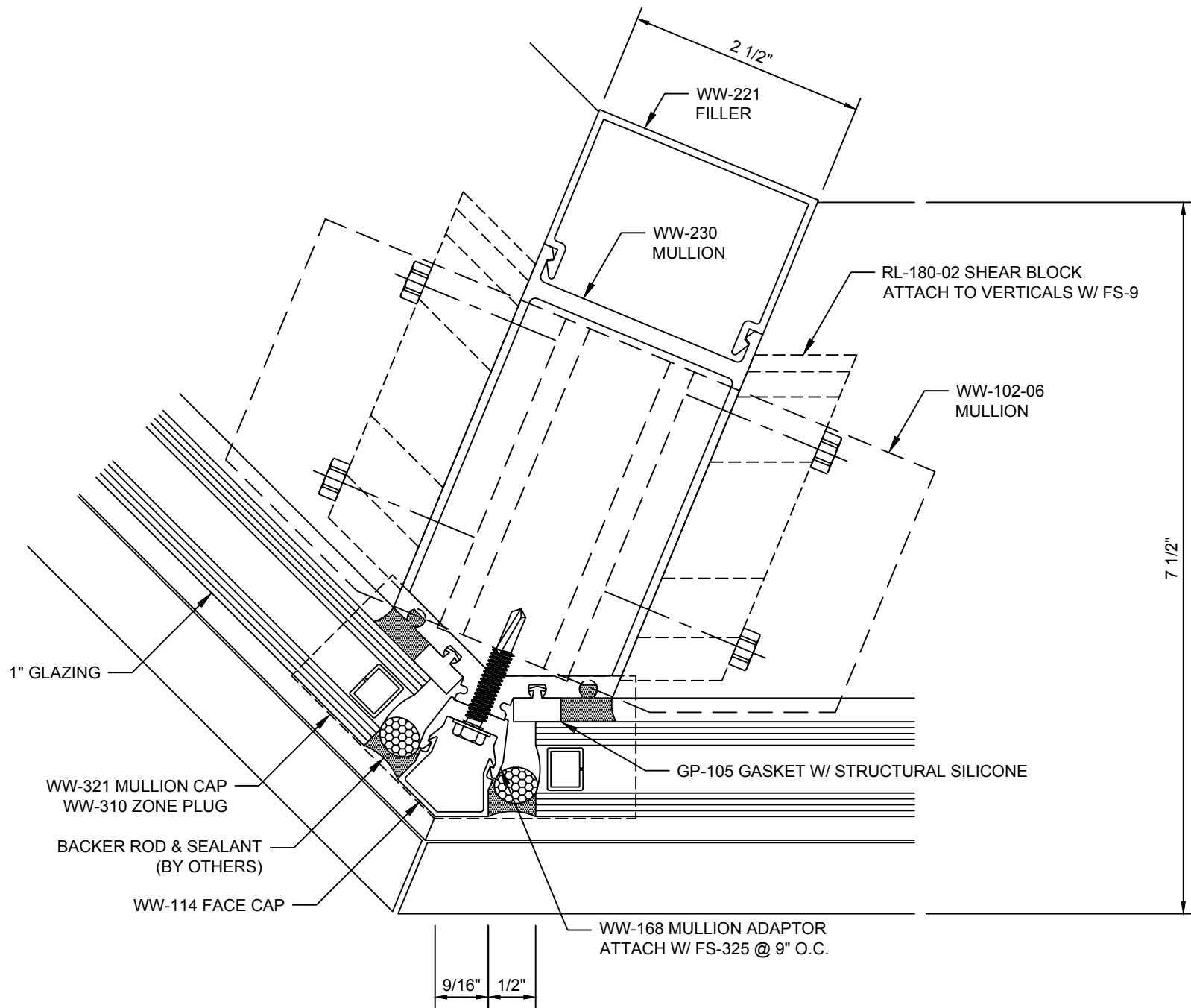


## Reliance™-LT

### 90° SSG Corner at Vision - V5167



**Reliance™-LT**  
**90° SSG Inside Corner at Vision - V5168**



**Reliance™-LT**  
**135° SSG Outside Corner at Vision - V5169**