

Oldcastle BuildingEnvelope®

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Reliance™ Curtain Wall 2-1/2" x 7-3/4" w/ 1-1/4" Typical Infill and FRP Pressure Plate

(Drawing numbers---i.e., H4401---used as CAD detail reference only)

Elevation

V4457 SSG Vertical - Spandrel
V4359 SSG Vertical at Operable Window

Horizontal Details

H4401 Head
H4404 Sill
H4405 Intermediate Horizontal
H4408 Roll-over Horizontal
H4409 Roll-under Horizontal
H4418 Horizontal at Operable Window - Pocket Frame
H4419 Horizontal at Operable Window - Flat Frame

Vertical Details

V4401 Jamb - Open Back
V4402 Vertical - Typical
V4405 Vertical - Heavy
V4408 Jamb - Tubular
V4452 SSG Vertical
V4453 Vertical at SSG to Captured Transition

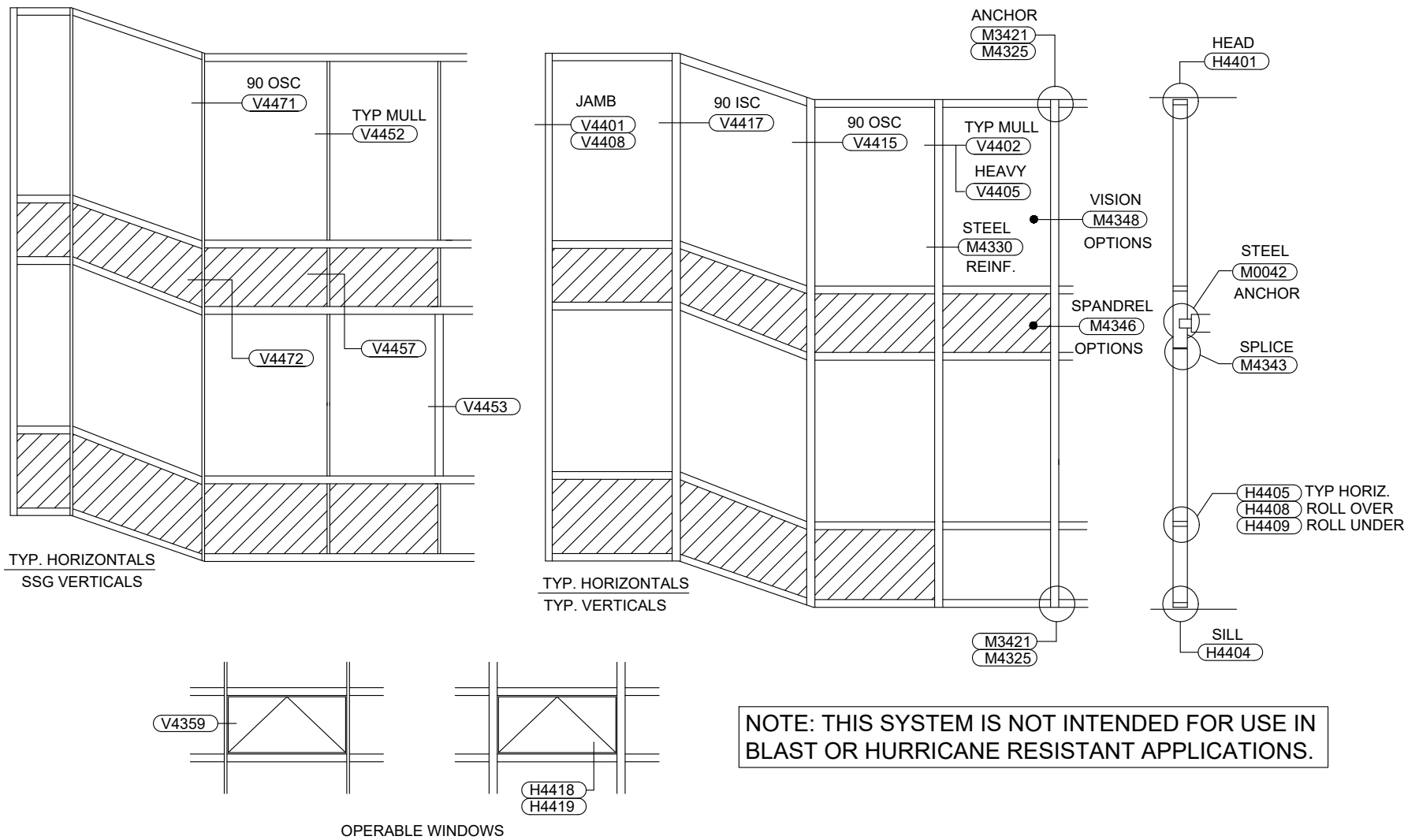
Corner Details

V4415 90° Outside Corner - 2 Mullion
V4417 90° Inside Corner - 2 Mullion
V4471 SSG 90° Outside Corner
V4472 SSG 90° Outside Corner - Spandrel

Misc. Details

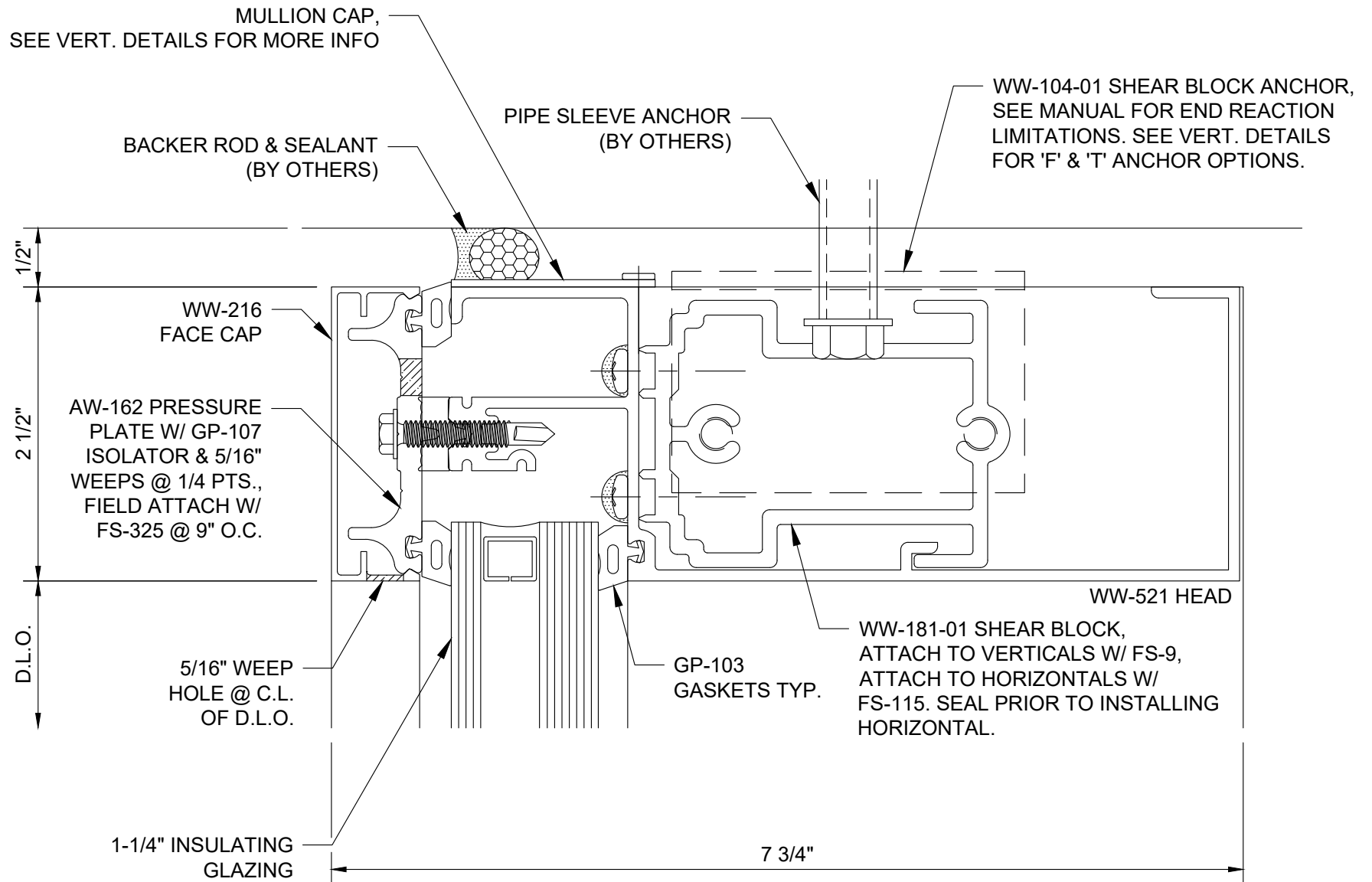
M0042 Steel Anchoring
M3421 Shear Block Anchoring
M4325 'F' & 'T' Mullion Anchoring
M4330 Steel Reinforcement
M4343 Mullion Splicing
M4346 Spandrel Glazing Options
M4348 Vision Glazing Options

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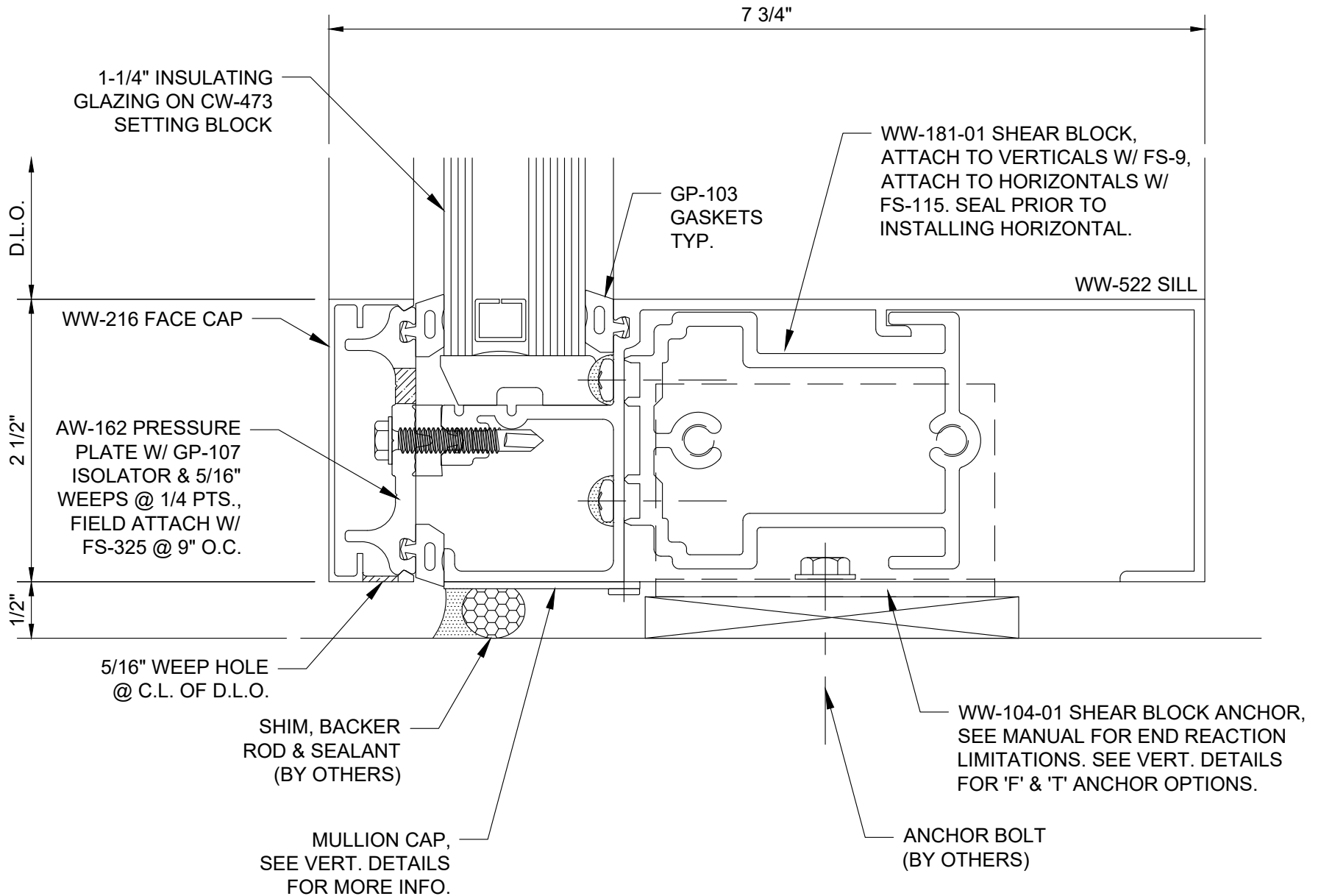


Reliance™ Curtain Wall

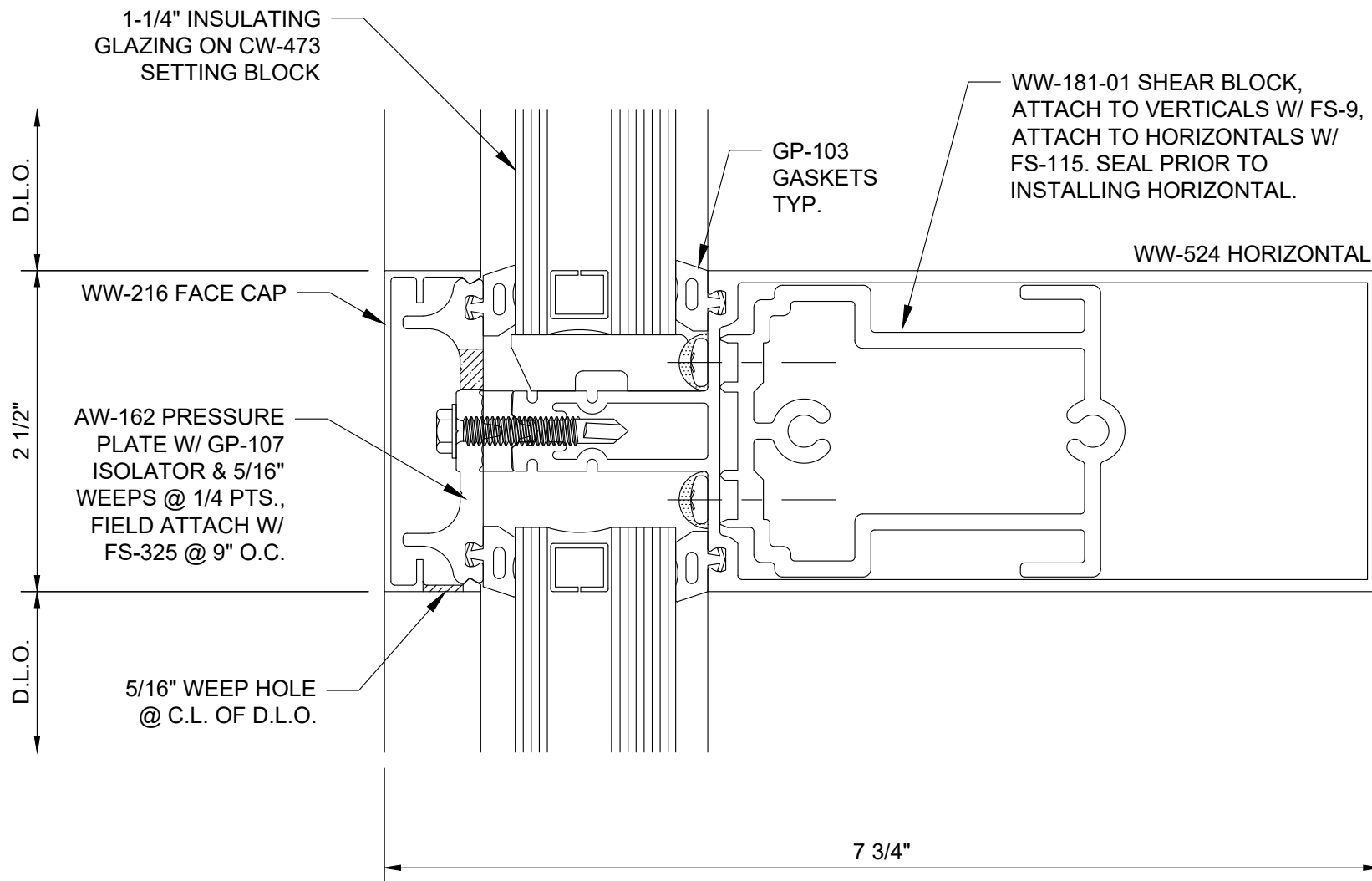
2-1/2" x 7-3/4" w/ 1-1/4" Typ. Infill & FRP Pressure Plate - Elevation



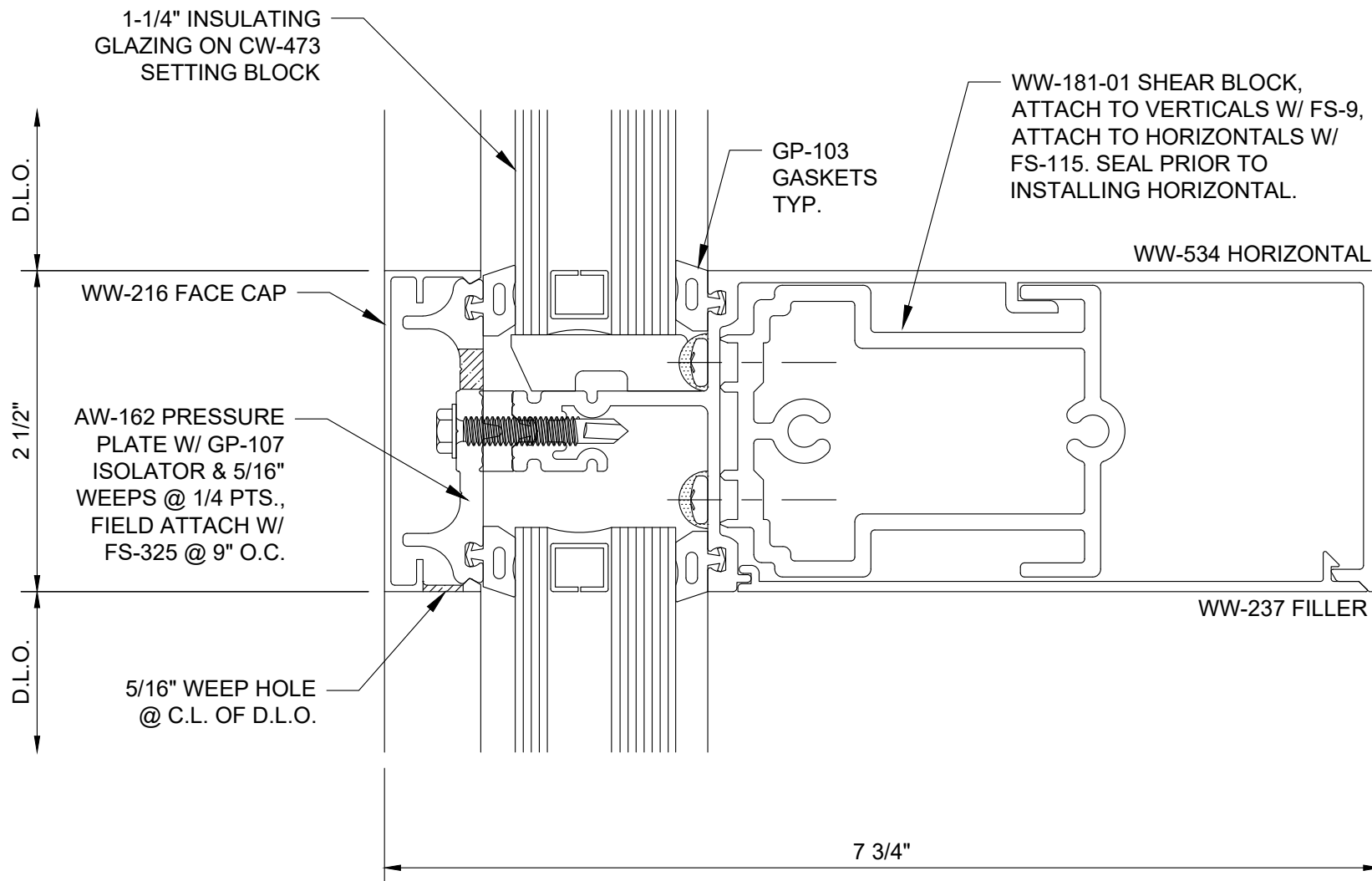
Reliance™ Curtain Wall Head - H4401



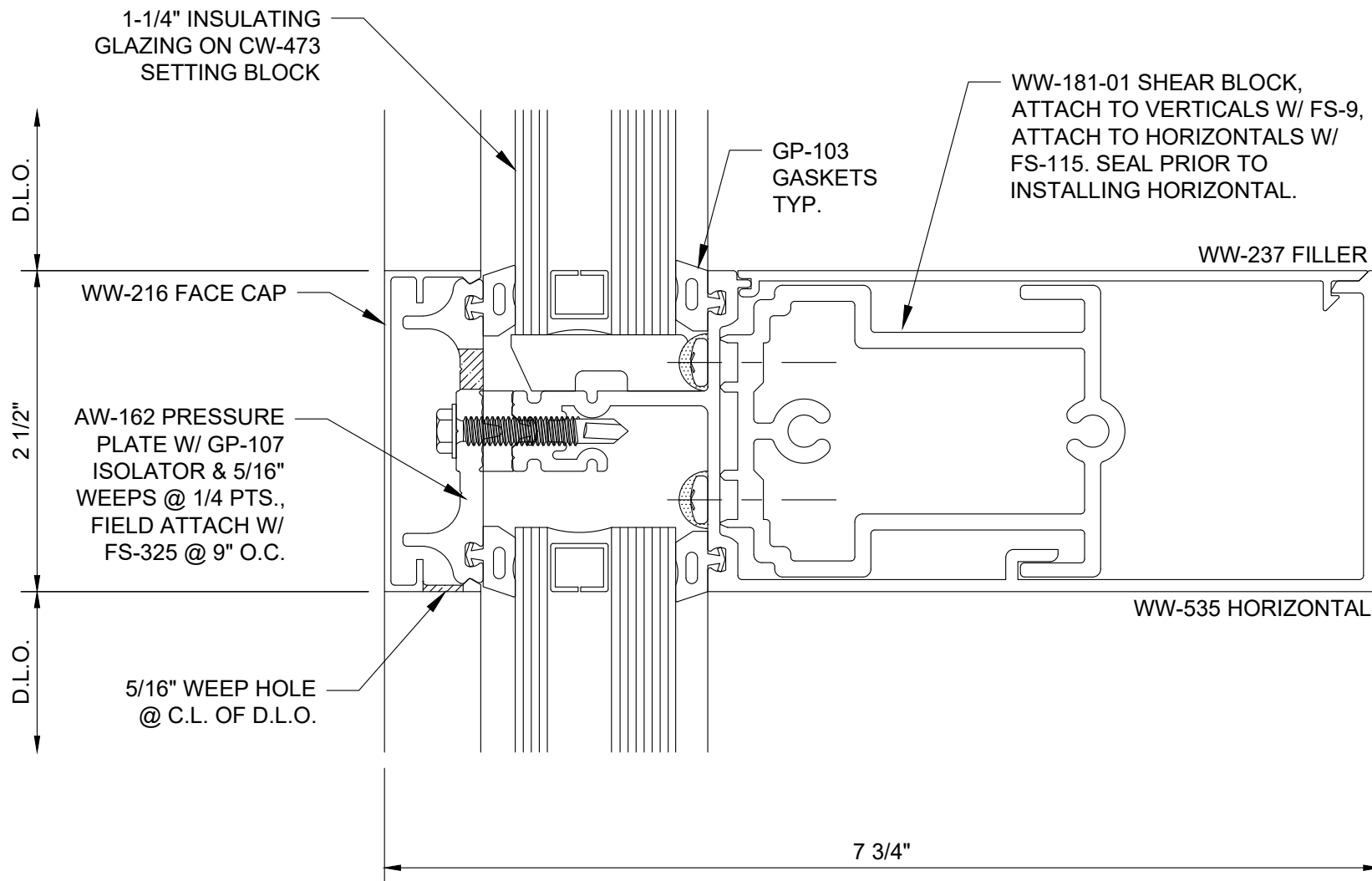
Reliance™ Curtain Wall Sill - 4404



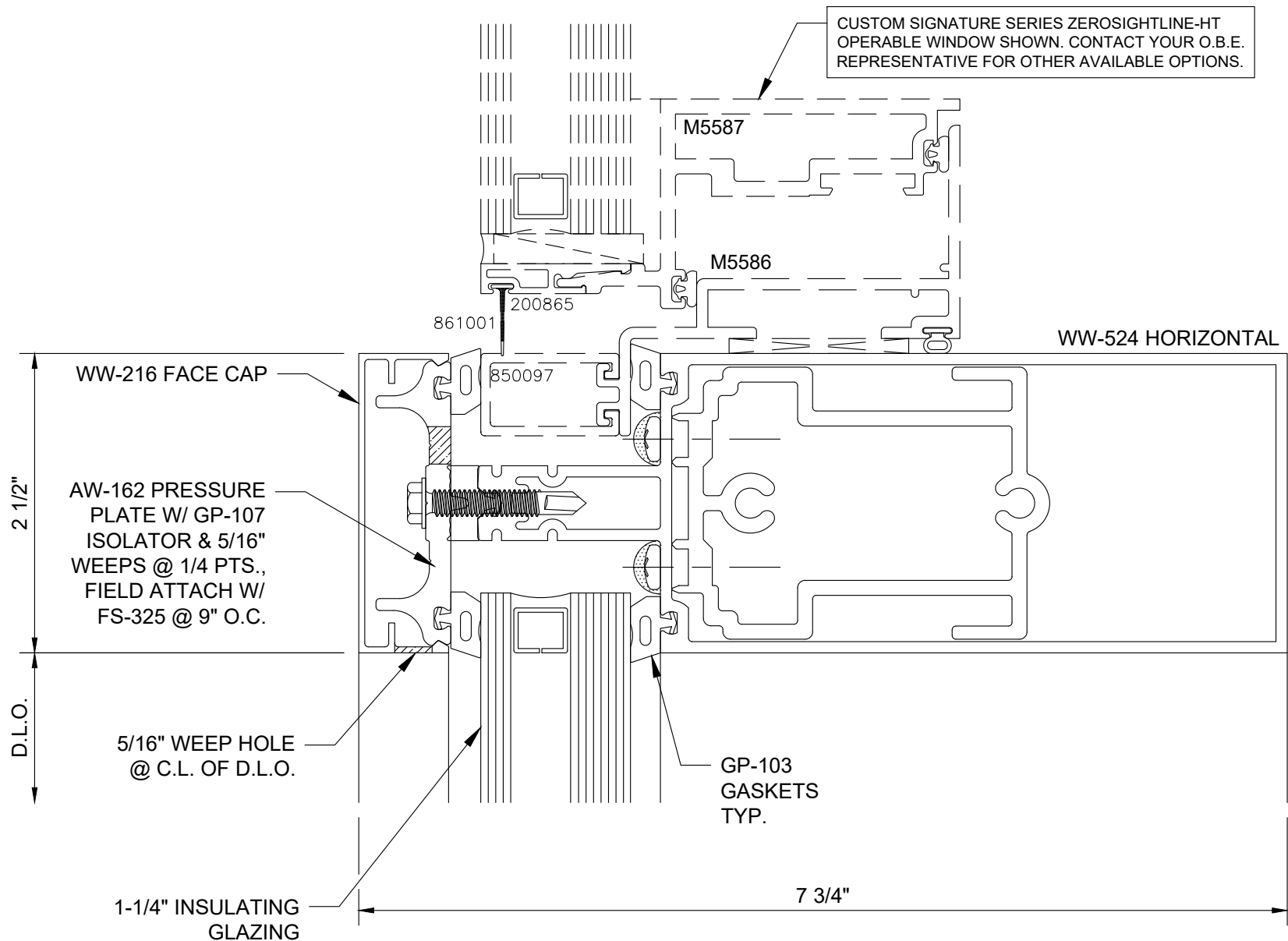
Reliance™ Curtain Wall Intermediate Horizontal - H4405



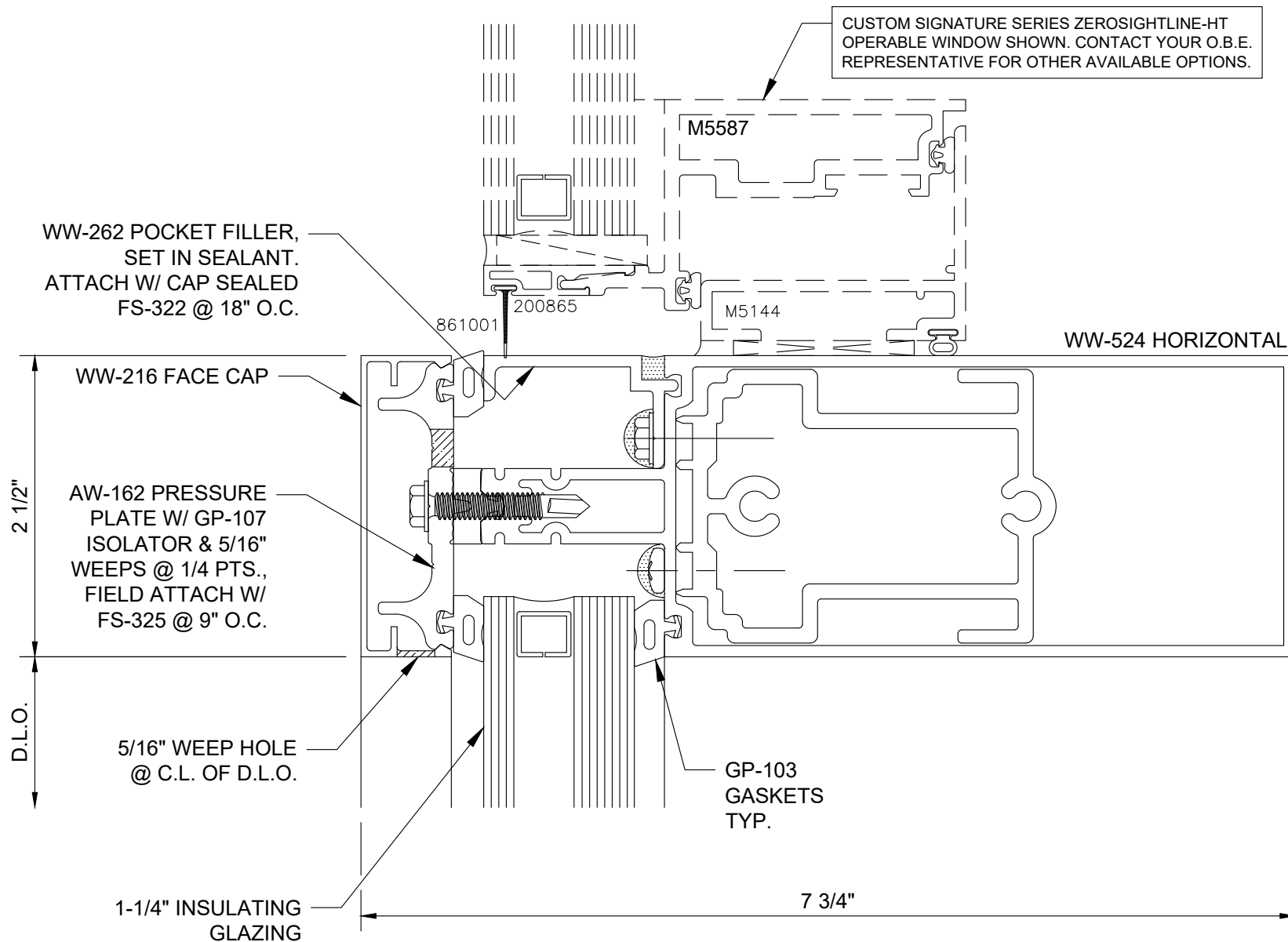
Reliance™ Curtain Wall Roll-over Horizontal - H4408



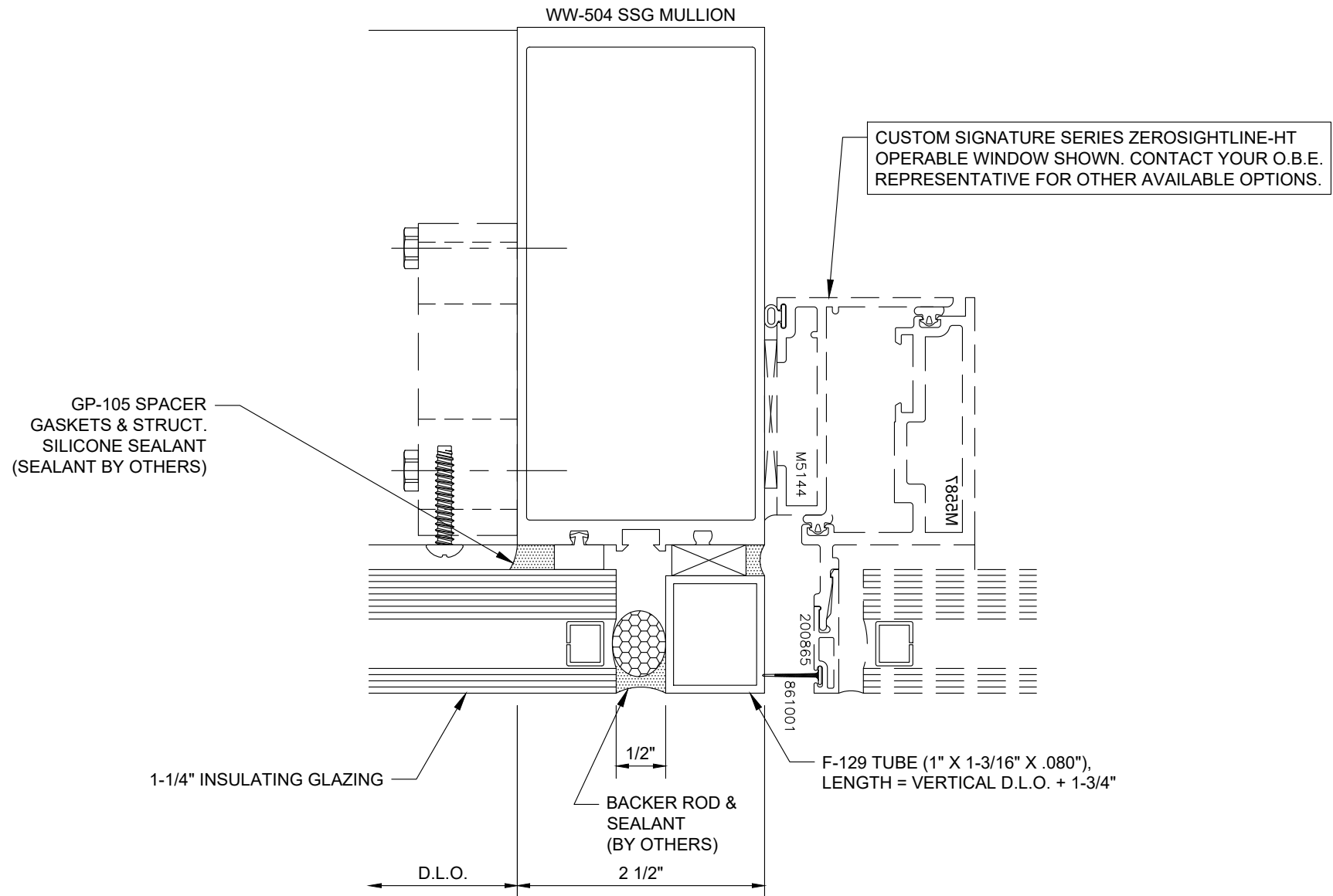
Reliance™ Curtain Wall Roll-under Horizontal - H4409



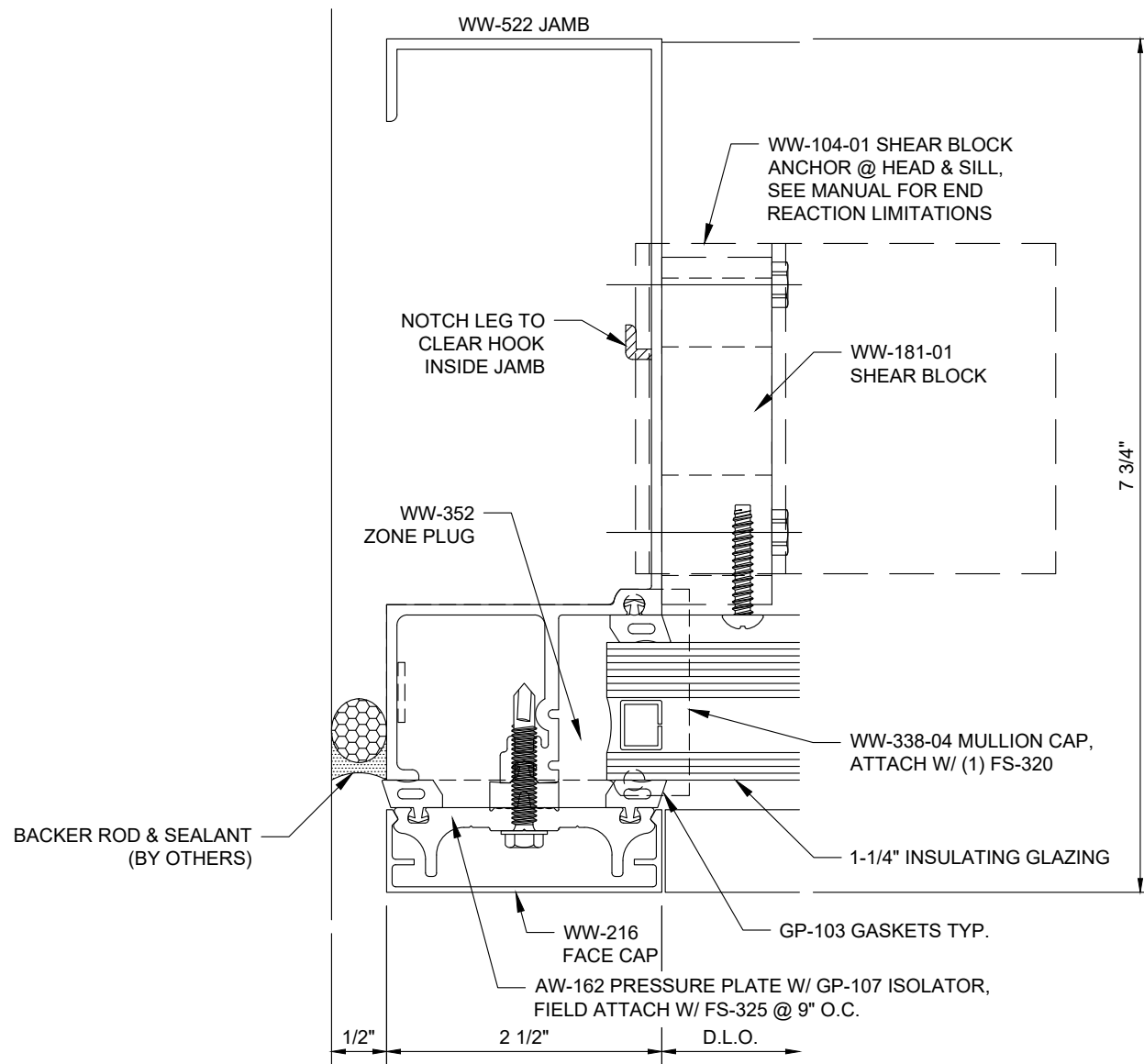
Reliance™ Curtain Wall Horizontal at Operable Window - Pocket Frame - H4418



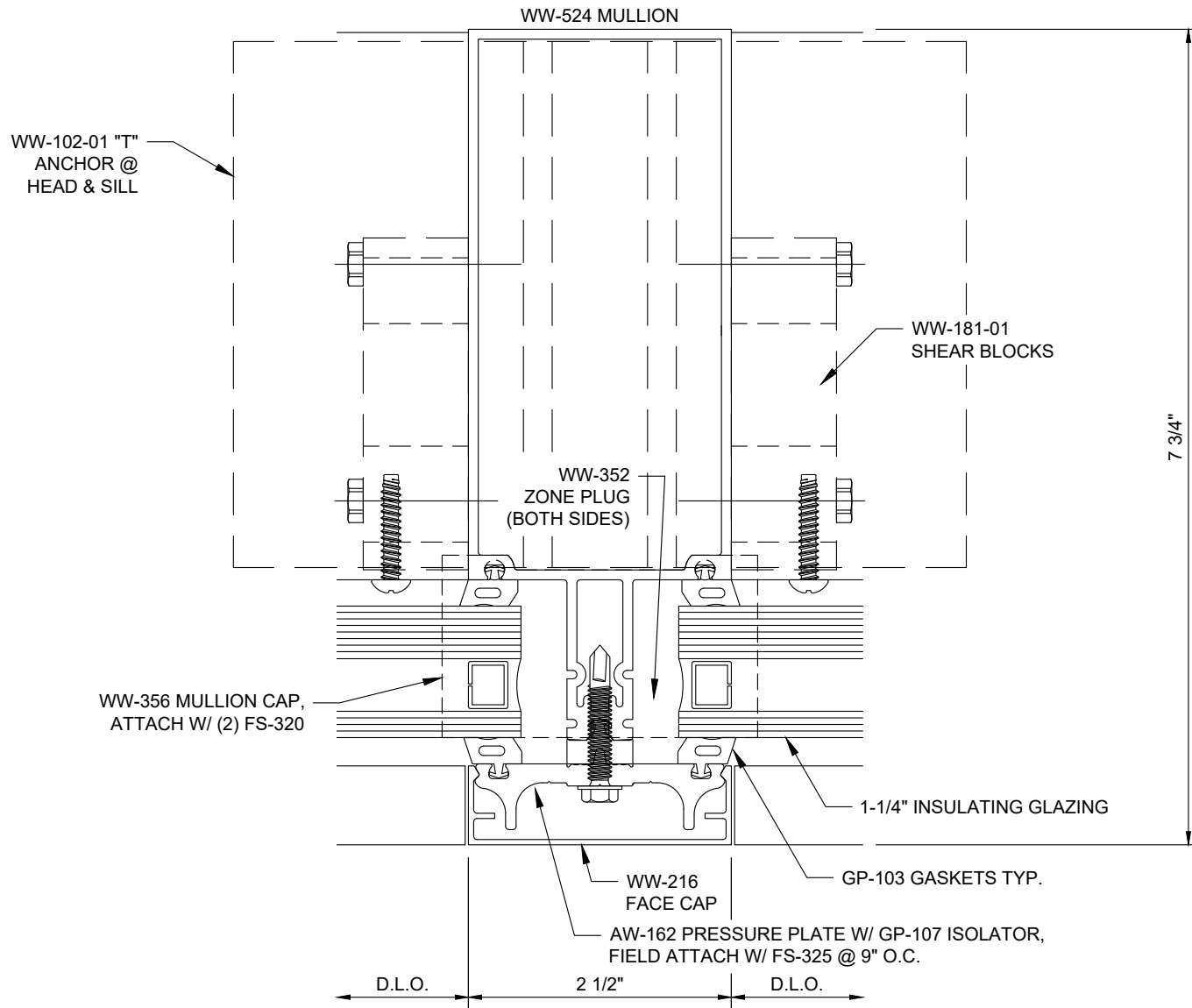
Reliance™ Curtain Wall Horizontal at Operable Window - Flat Frame - H4419



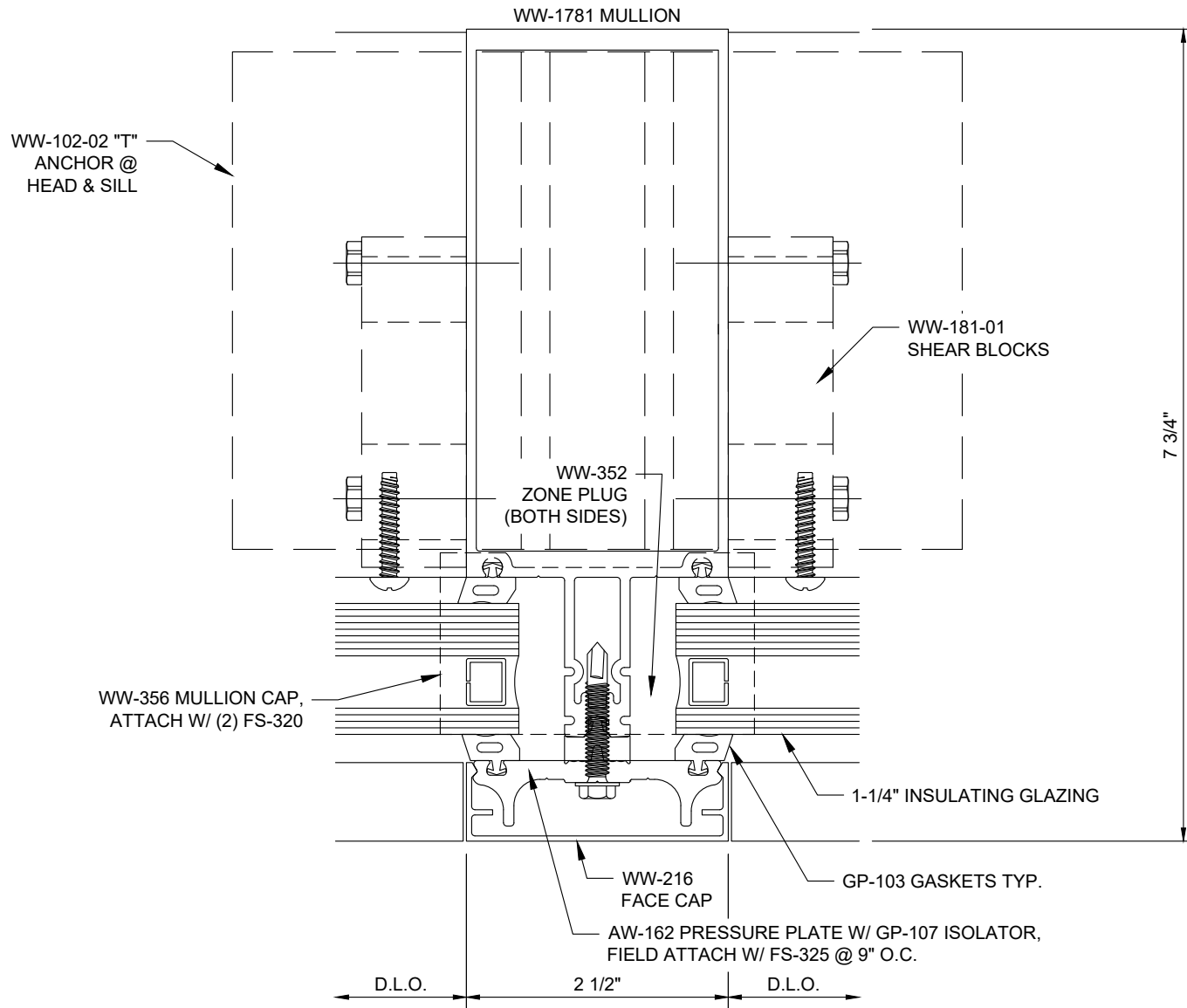
Reliance™ Curtain Wall SSG Vertical at Operable Window - V4359



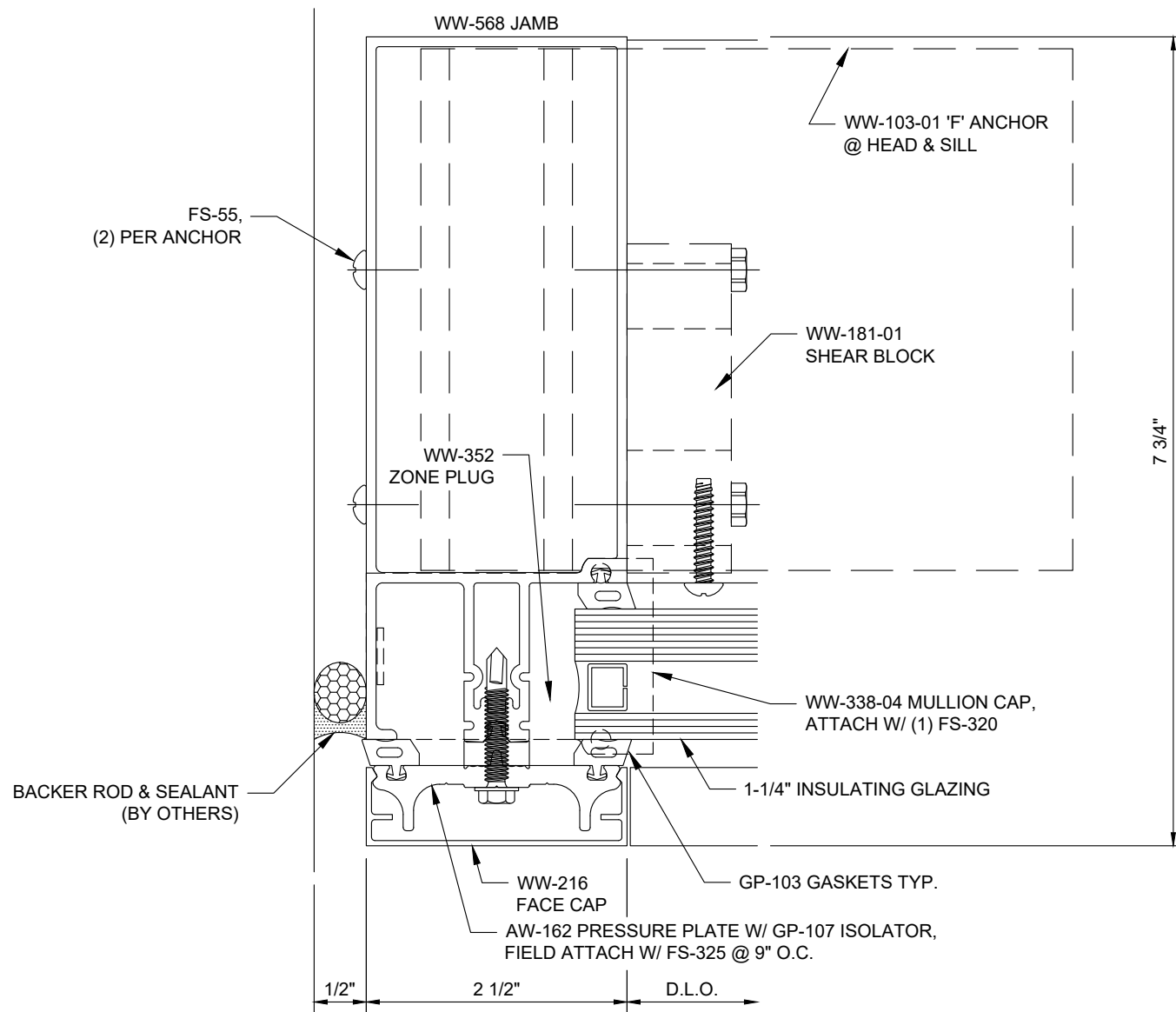
Reliance™ Curtain Wall Jamb (Open Back) - V4401



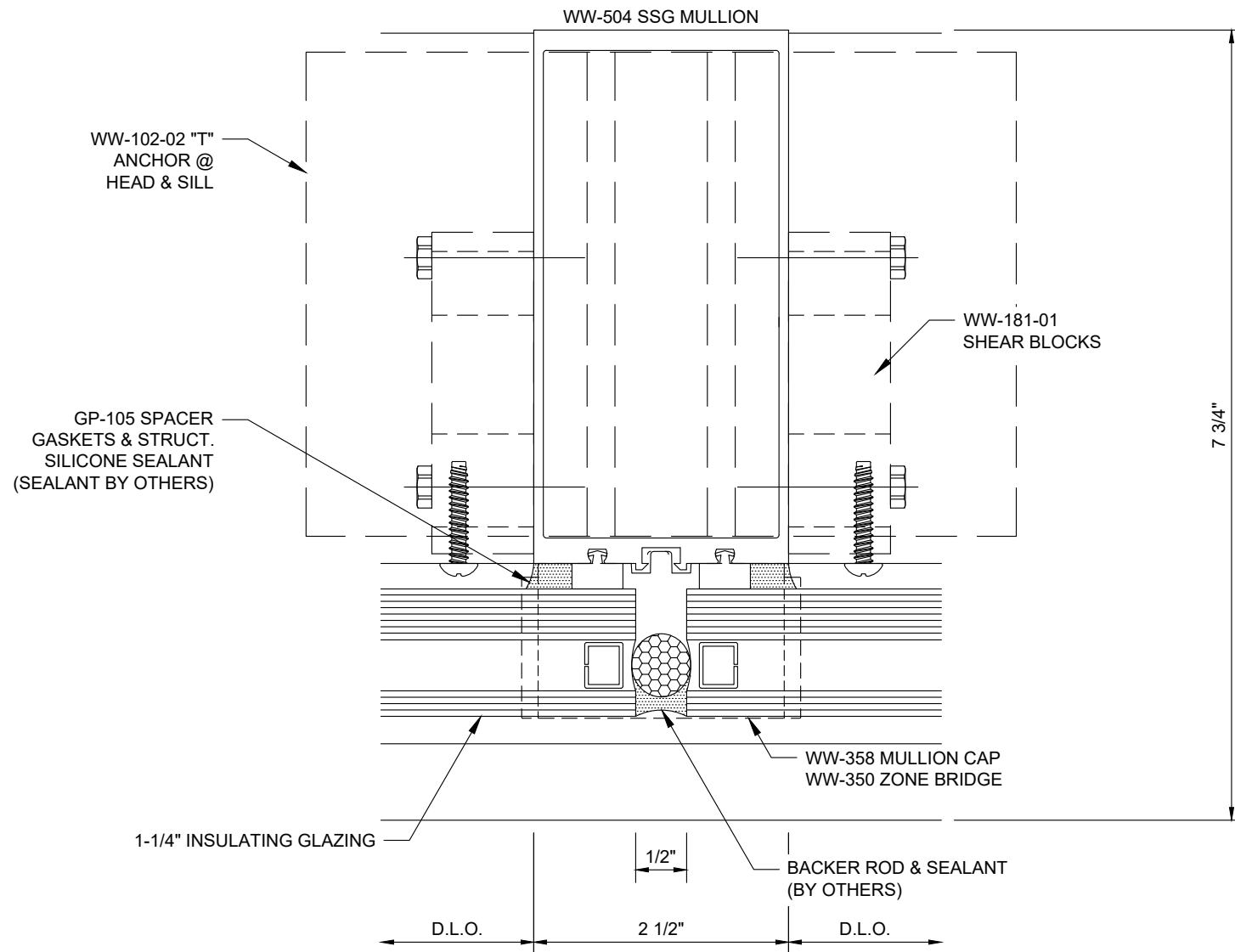
Reliance™ Curtain Wall Typical Vertical - V4402



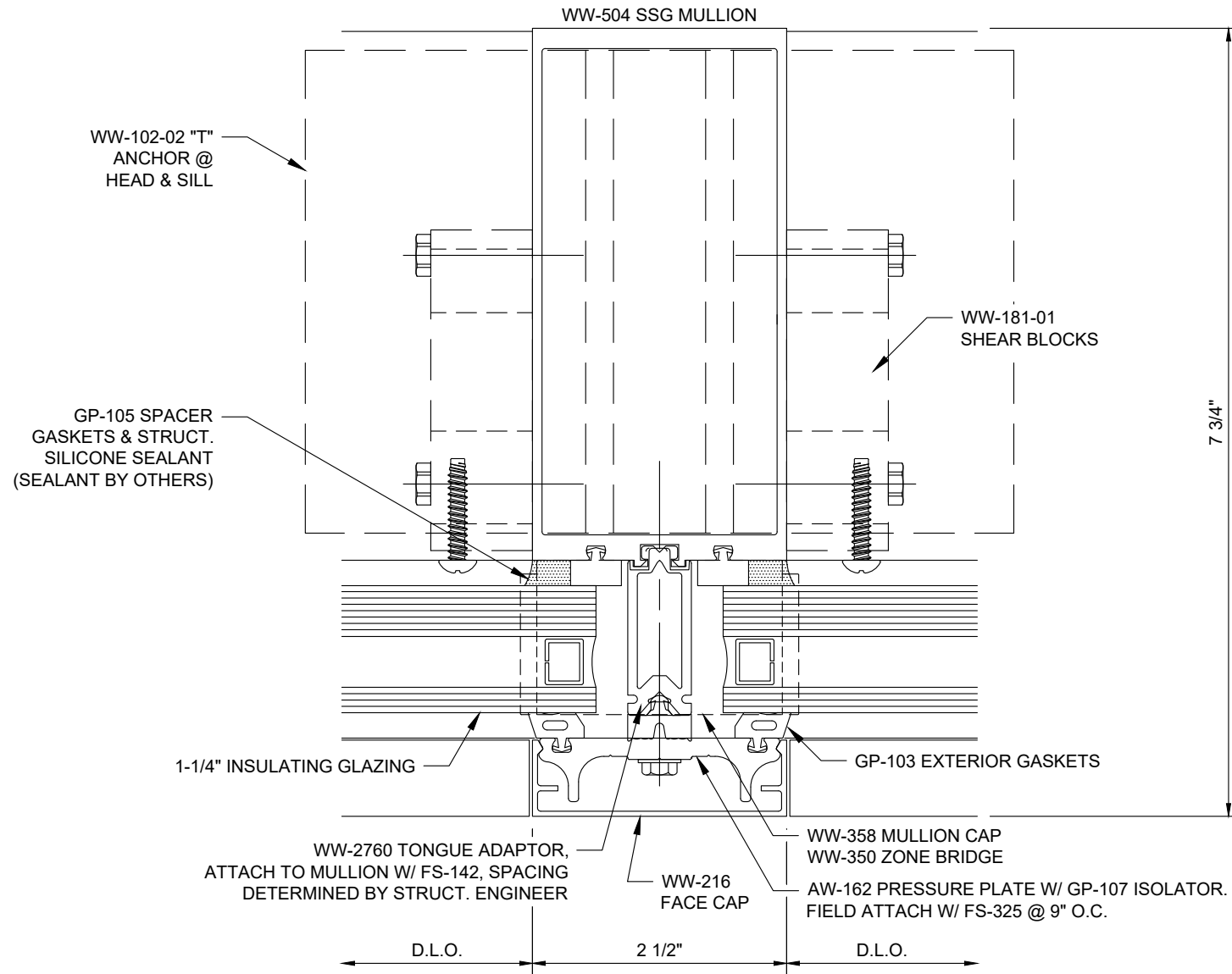
Reliance™ Curtain Wall Heavy Vertical - V4405



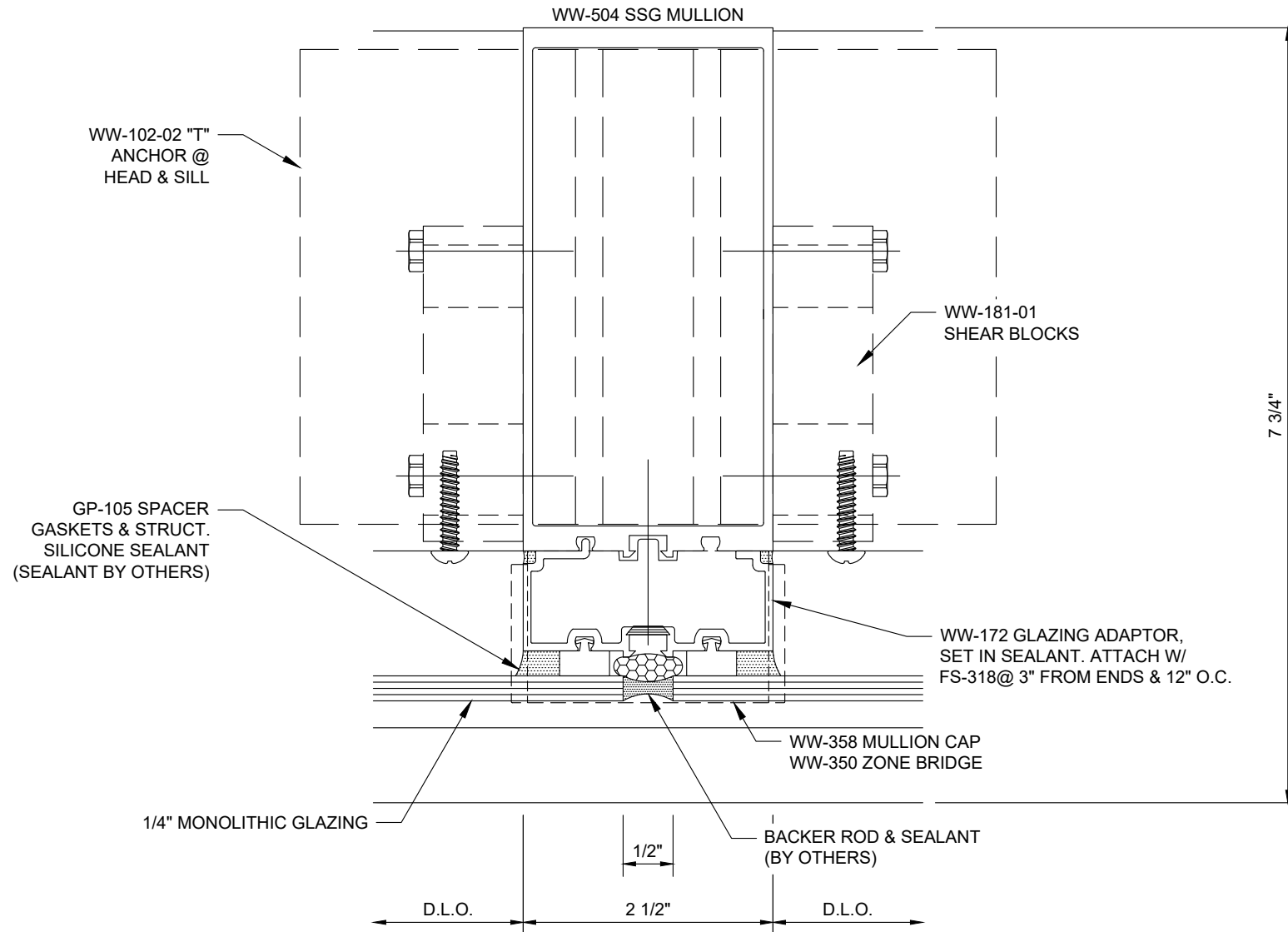
Reliance™ Curtain Wall Jamb Tubular - V4408



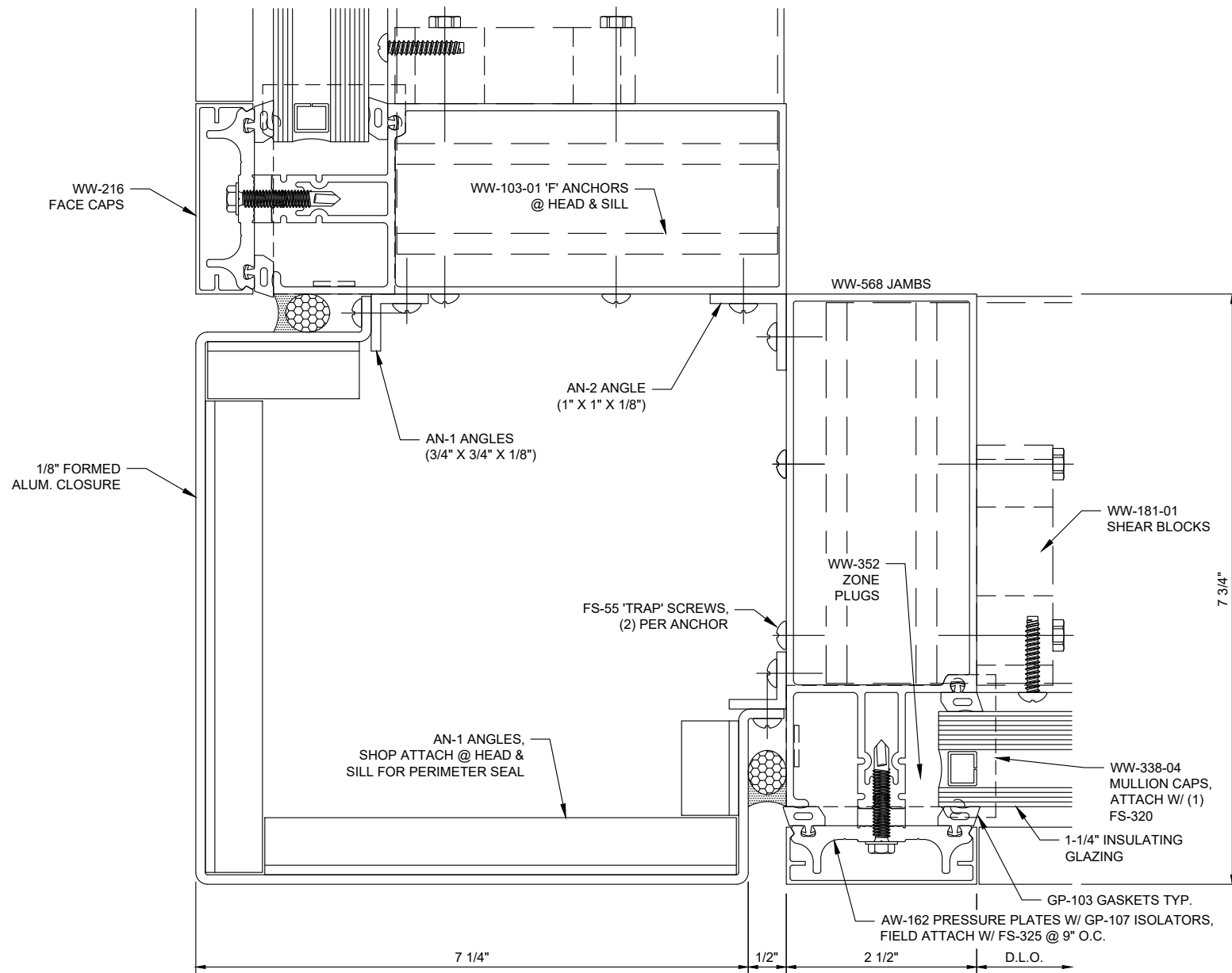
Reliance™ Curtain Wall SSG Vertical - V4452



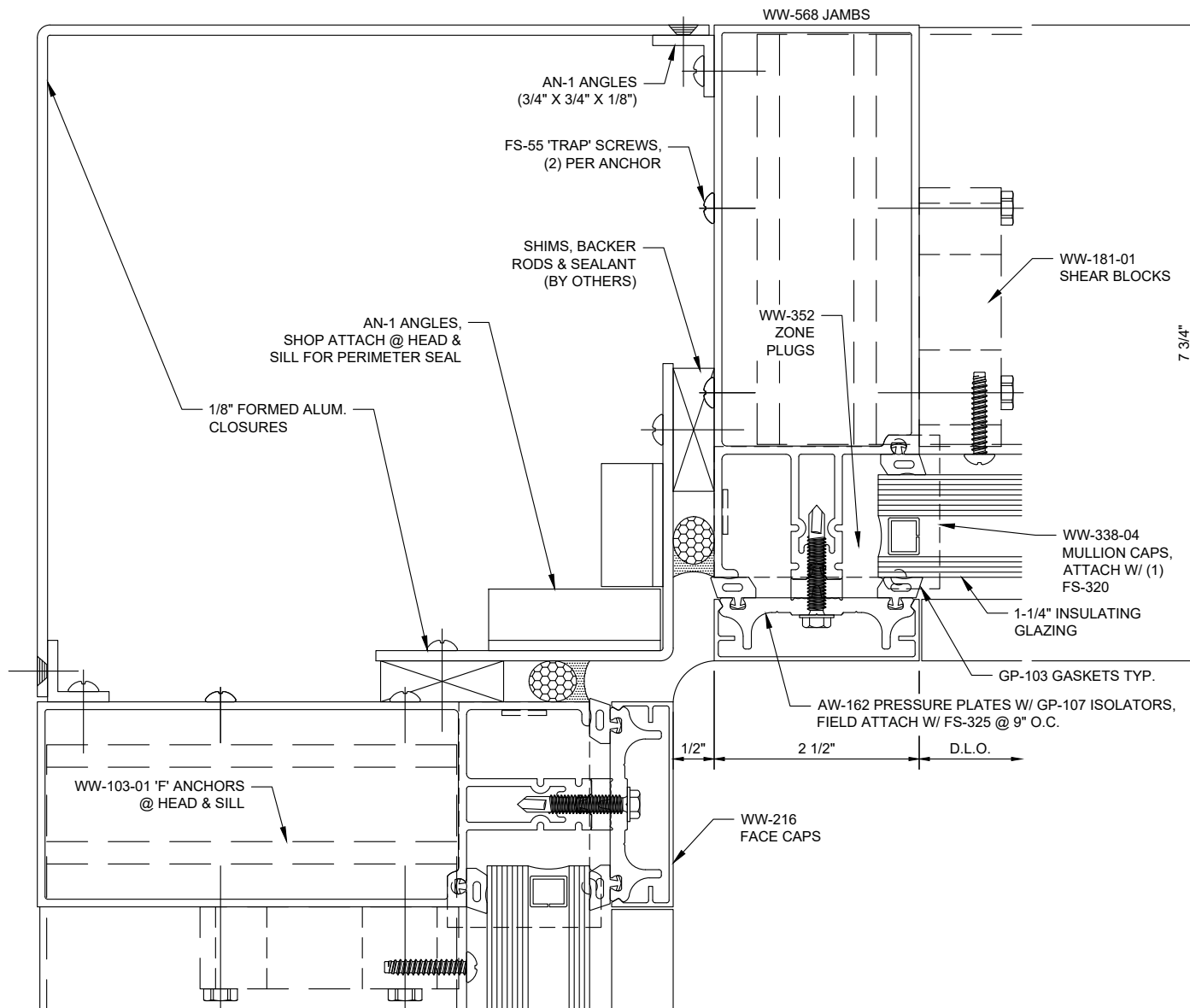
Reliance™ Curtain Wall Vertical at SSG to Captured Transition - V4453



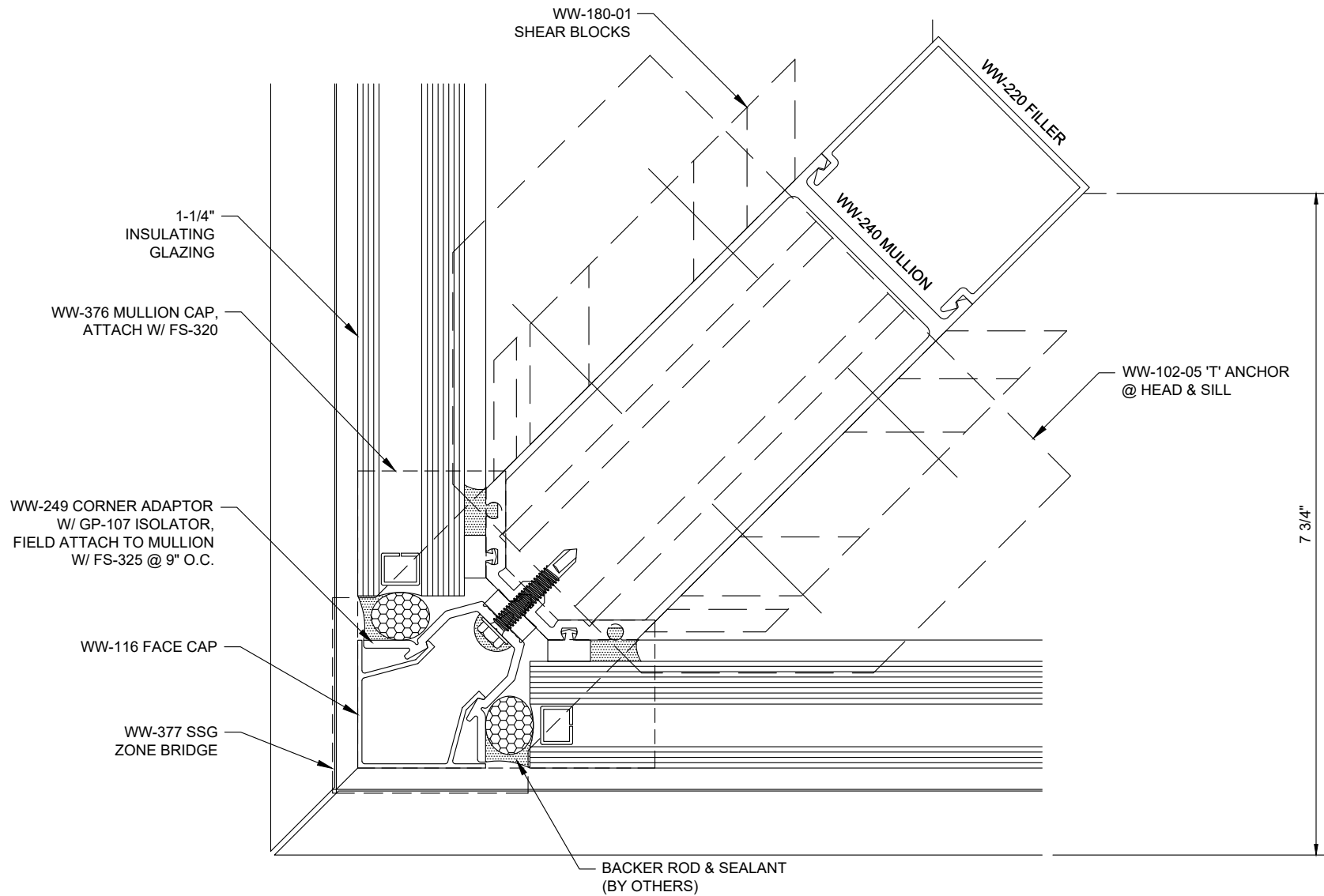
Reliance™ Curtain Wall SSG Vertical at Spandrel - V4457



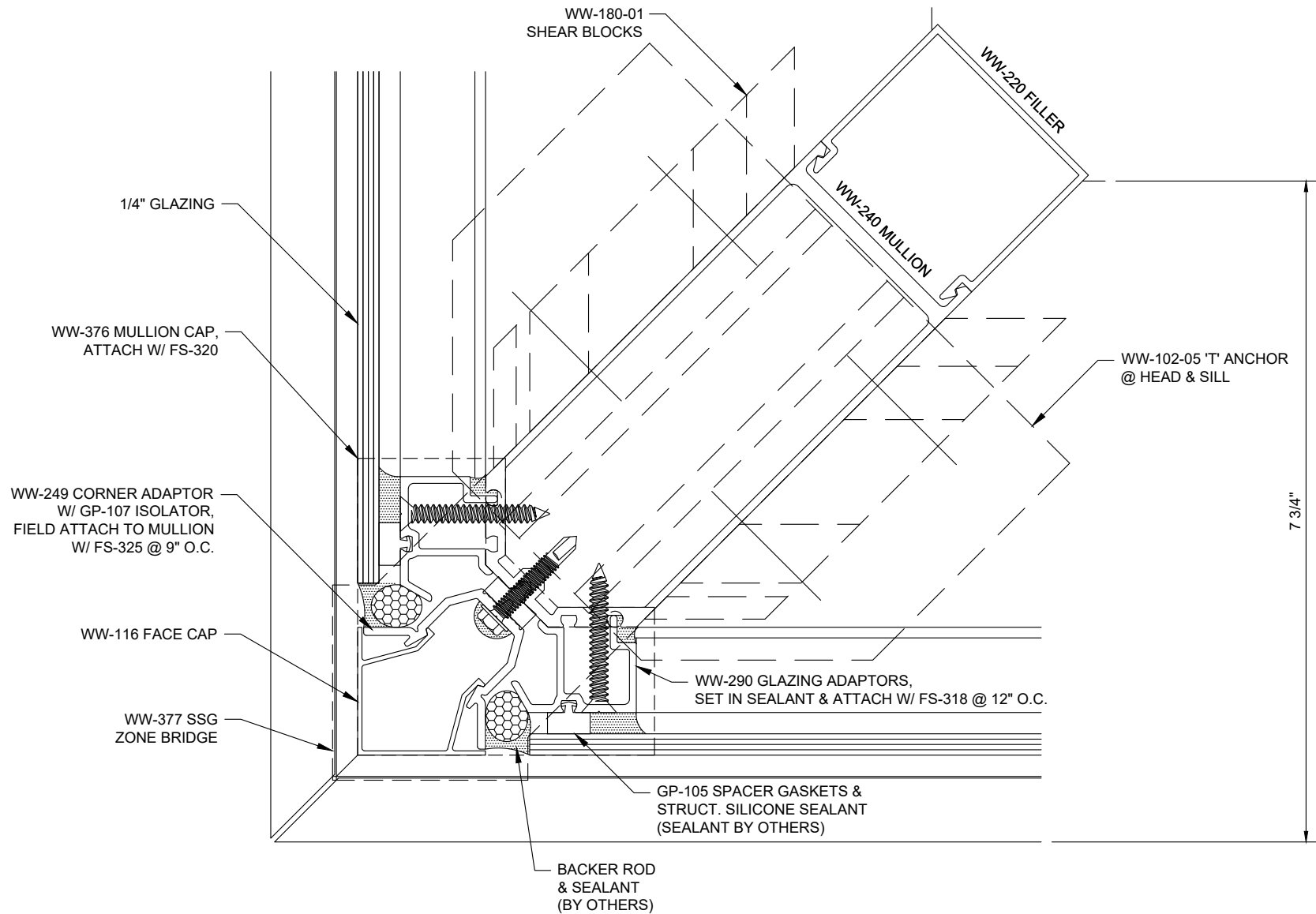
Reliance™ Curtain Wall 90° Outside Corner - 2 Mullion - V4415



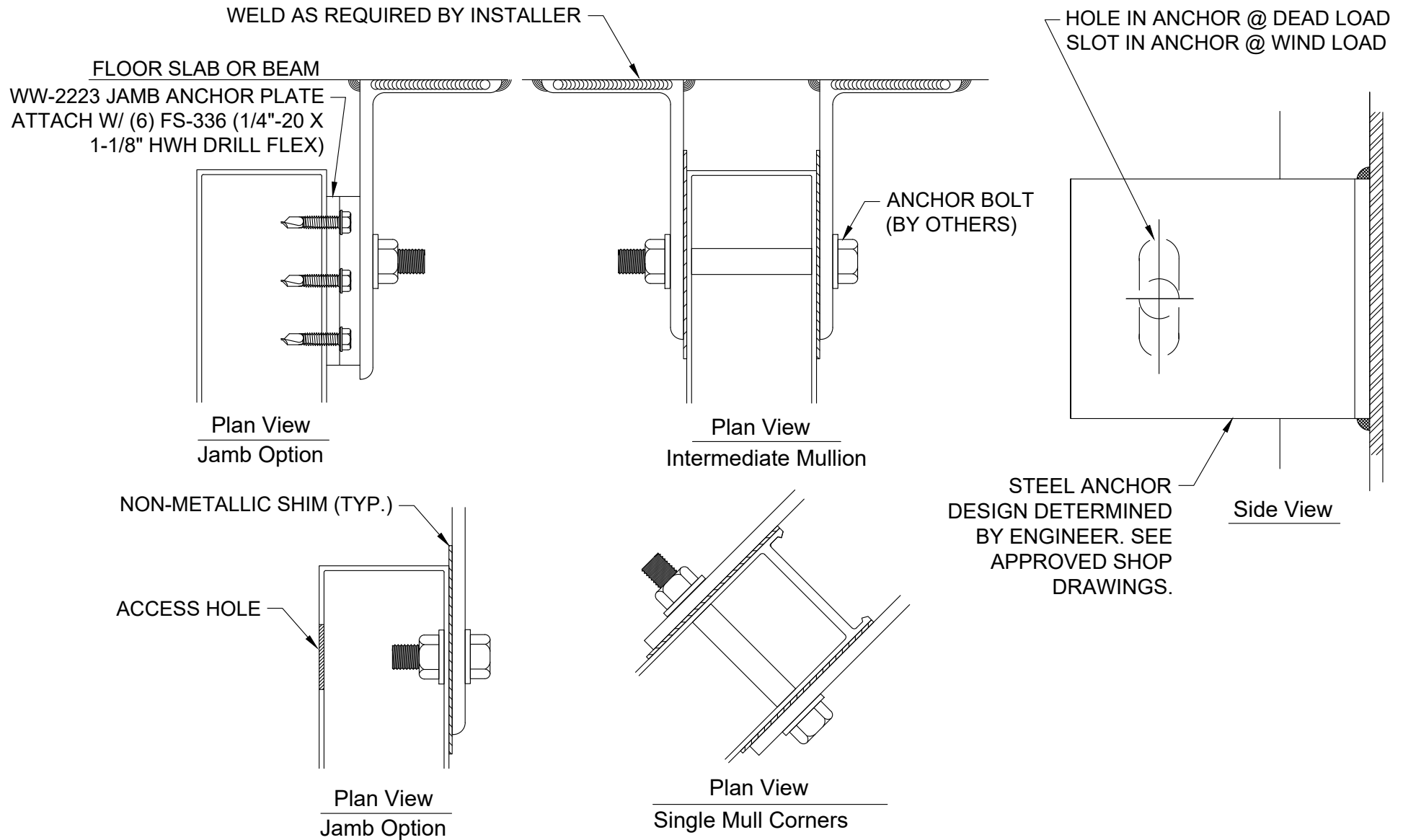
Reliance™ Curtain Wall 90° Inside Corner - 2 Mullion - V4417



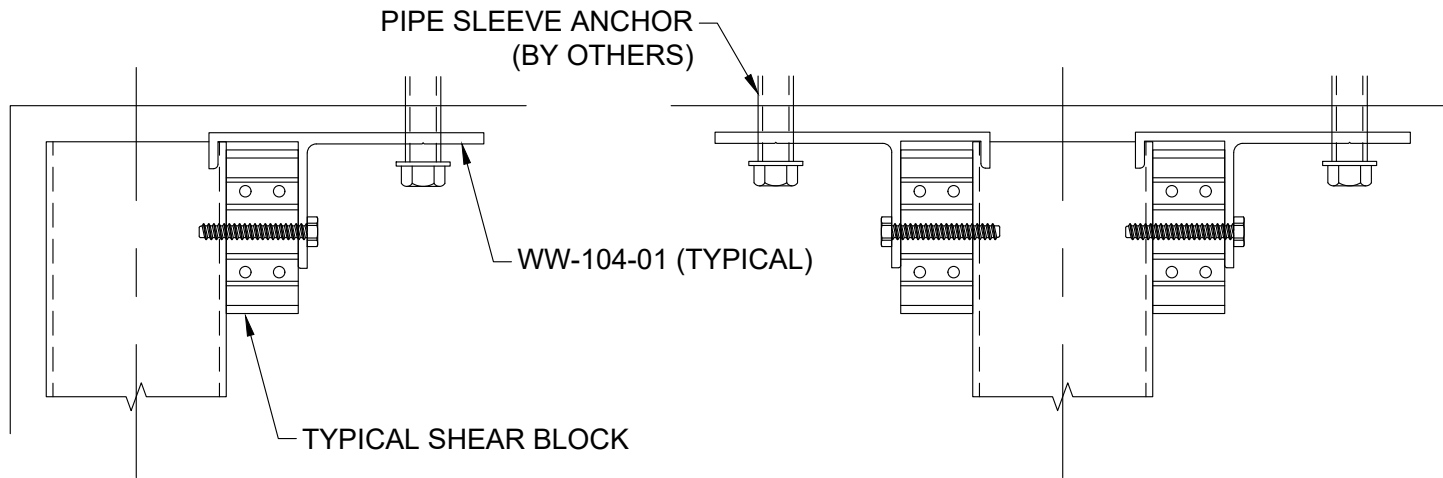
Reliance™ Curtain Wall SSG 90° Outside Corner - V4471



Reliance™ Curtain Wall SSG 90° Outside Corner at Spandrel - V4472

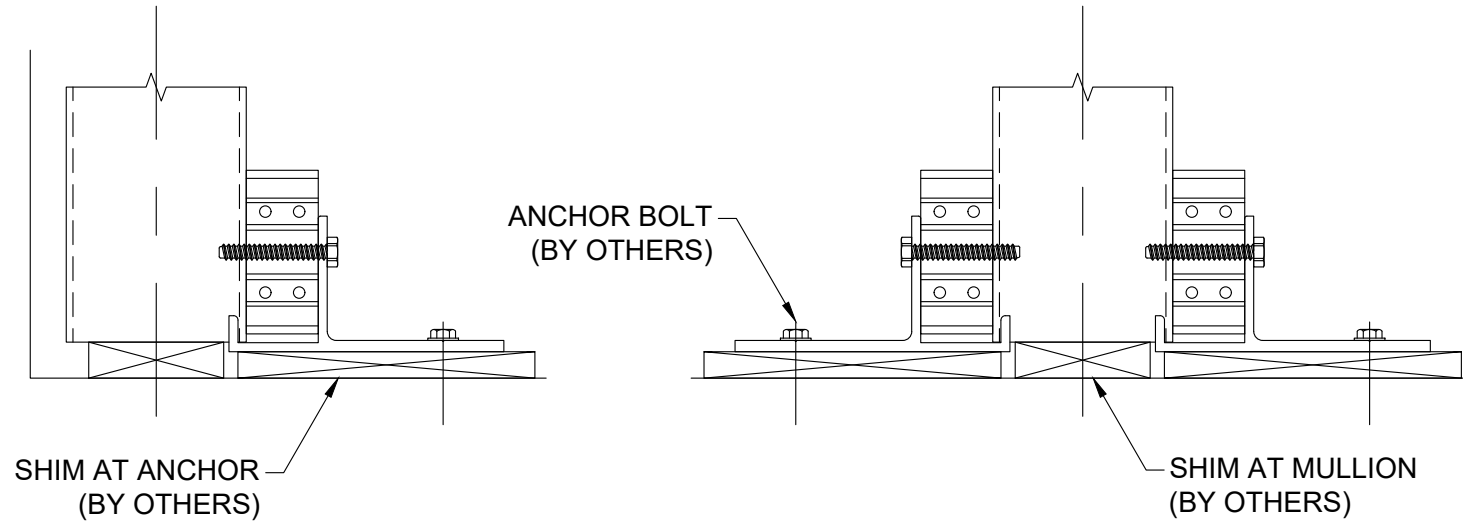


Standard Curtain Wall Steel Anchoring - M0042

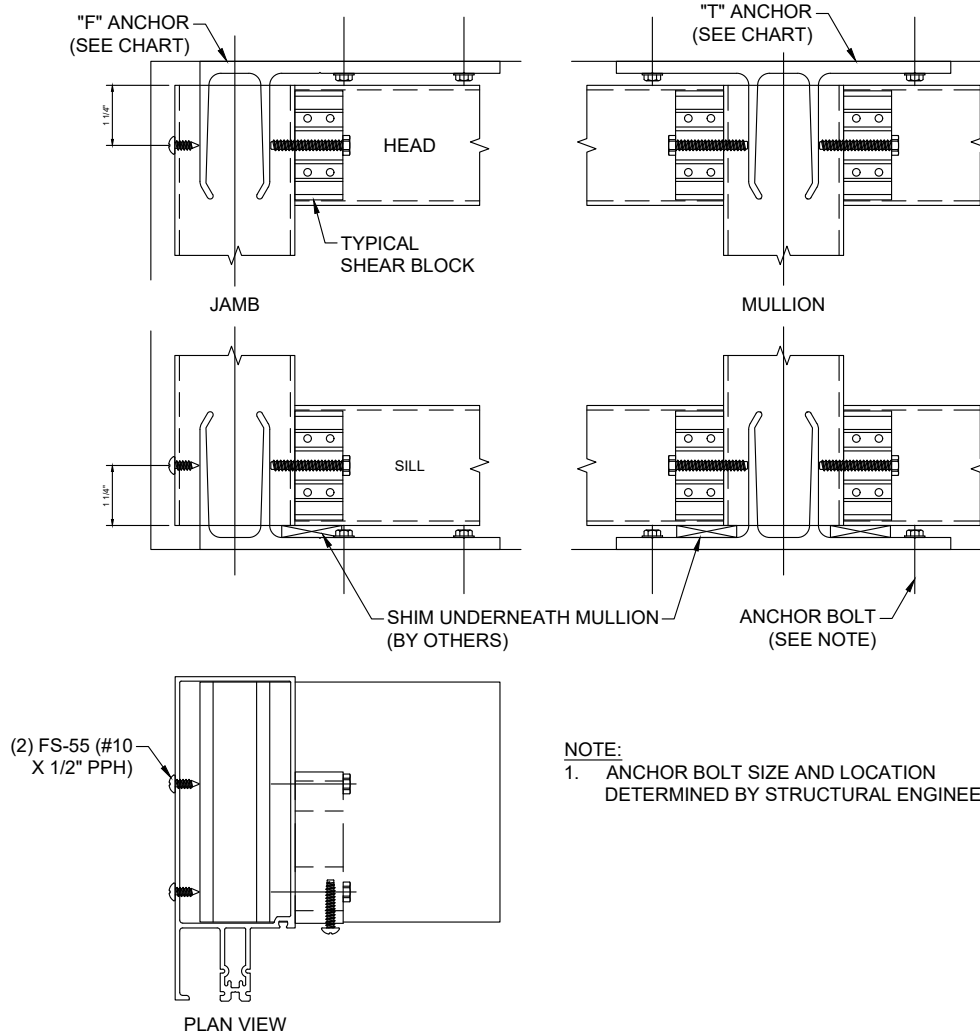


NOTE:

1. ANCHOR BOLT DESIGNED BY STRUCTURAL ENGINEER.
2. WWW-104-01 ALUM. ANCHOR MAXIMUM ALLOWABLE END REACTION IS 375 LBS. PER ANCHOR, I.E. 375 LBS. AT JAMB VERTICAL, 750 LBS. AT INTERMEDIATE VERTICAL.



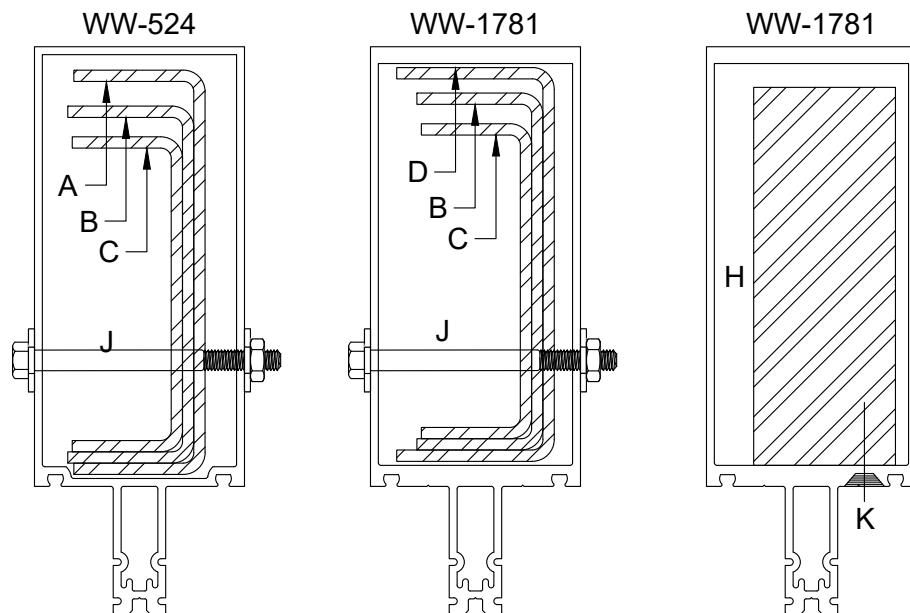
Reliance™ Curtain Wall Shear Block Anchoring Method - M3421



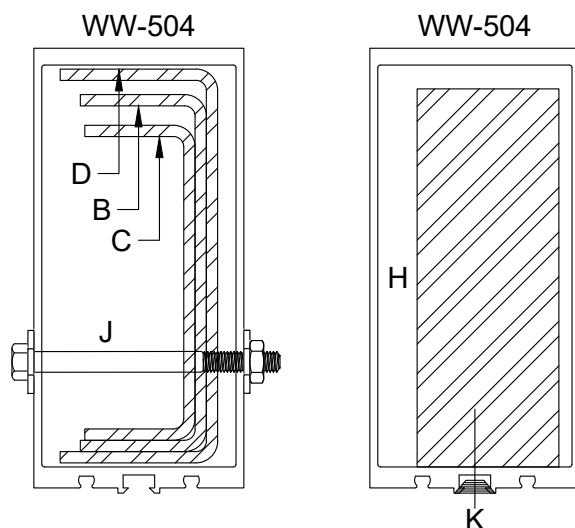
"F" ANCHOR CHART	
PART NO.	MULLION
WW-103-01	WW-524 / WW-568
WW-103-02	WW-504 / WW-1781

"T" ANCHOR CHART	
PART NO.	MULLION
WW-102-01	WW-524
WW-102-02	WW-504 / WW-1781
WW-102-05	WW-240 (90° CORNER)

Reliance™ Curtain Wall "F" & "T" Anchors - M4325



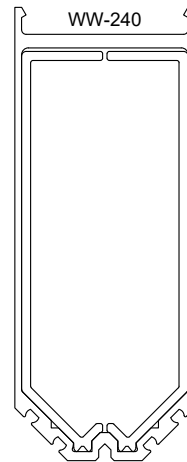
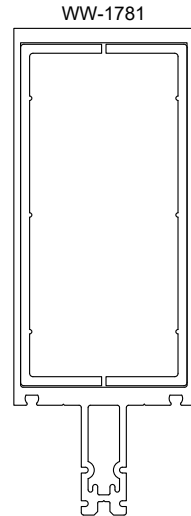
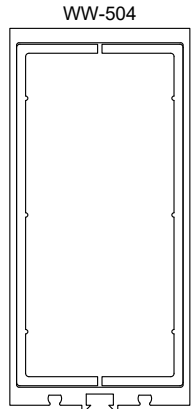
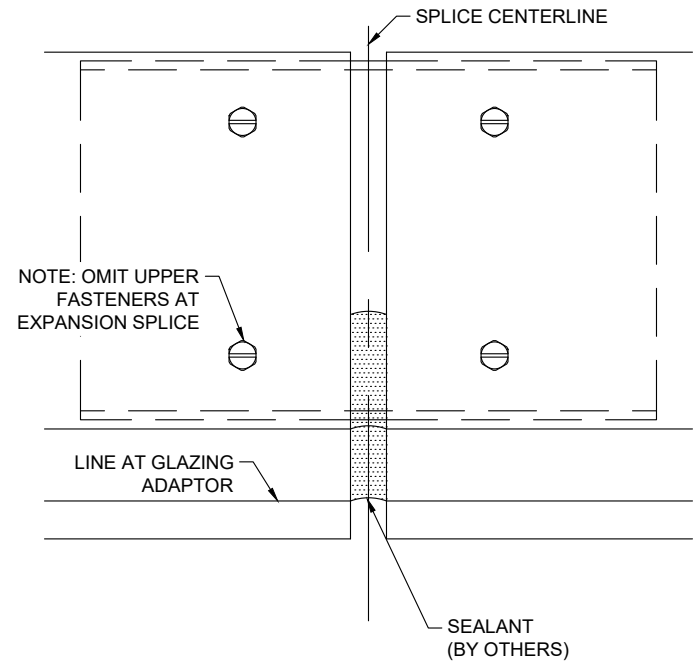
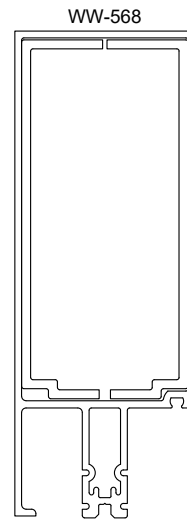
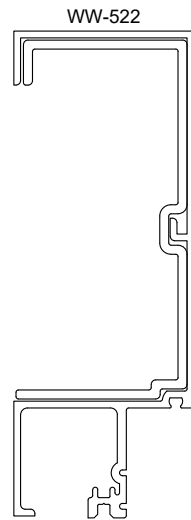
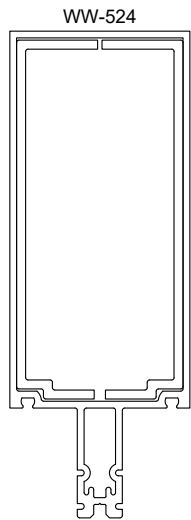
STEEL REINFORCING CHART	
A	RS-19 (1 9/16" X 4 13/16" 10 GA.)
B	PP-16 (1 1/2" X 4 1/4" 10 GA.)
C	PP-17 (1 5/16" X 3 3/4" 10 GA.)
D	RS-18 (1 7/8" X 4 11/16" 10 GA.)
E	RS-22 (1 9/16" X 3 9/16" 10 GA.)
F	RS-21 (1 1/2" X 3" 10 GA.)
G	RS-23 (1 7/8" X 3 7/16" 10 GA.)
H	STEEL BAR OPTION (BY OTHERS)
J	1/4"-20 X 3" HEX HEAD BOLT 1/4"-20 HEX NUT & WASHERS
K	FS-259 (1/4"-20 X 1" PFH)



SEE APPROVED SHOP DRAWINGS FOR SPECIFIC REQUIREMENTS.

REF. INSTALLATION MANUAL FOR ADDITIONAL INFO.

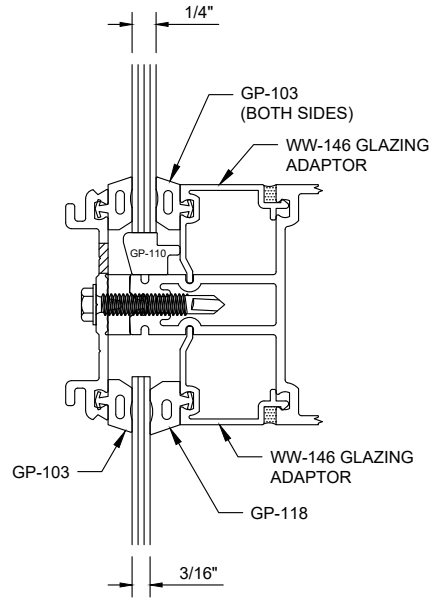
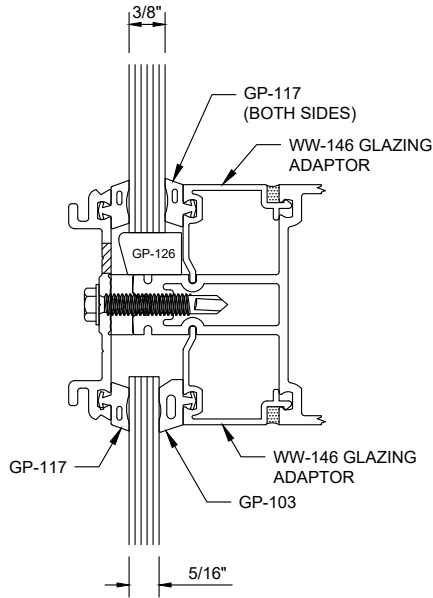
Reliance™ Curtain Wall Steel Reinforcement - M4330



7-1/2" SYSTEM DEPTH (1-1/4" GLAZING)	
MULLION	SPLICE
WW-504	CW-74
WW-522	WW-294-01
WW-524	WW-194-01
WW-568	WW-194-01
WW-240	WW-191-01
WW-1781	CW-74

REFERENCE INSTALLATION MANUAL
FOR ADDITIONAL SPLICE INFO.

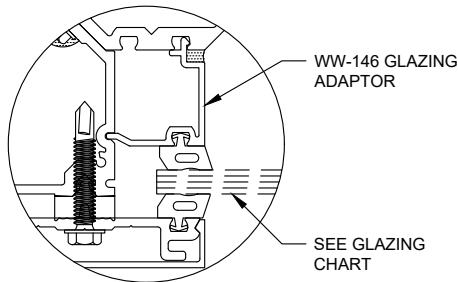
Reliance™ Curtain Wall Mullion Splice - M4343



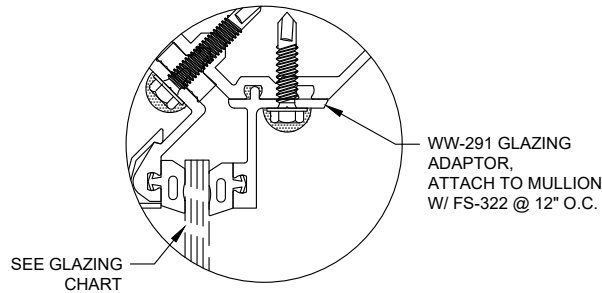
SPANDREL GLAZING CHART			
GLAZING THICKNESS	GASKET EXTERIOR	GASKET INTERIOR	GLAZING ADAPTOR
3/16" (0.188)	GP-103	GP-118	WW-146
1/4" (0.250)	GP-103	GP-103	WW-146
5/16" (0.313)	GP-117	GP-103	WW-146
3/8" (0.375)	GP-117	GP-117	WW-146

NOTES:

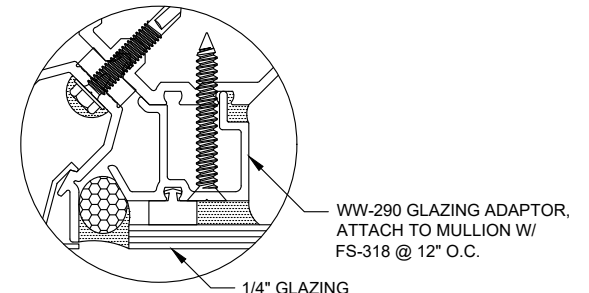
1. Glass pocket = 3/4" with glazing adaptors
2. Glazing adaptors set in sealant (sealant by others)
3. Single mullion captured corners unavailable w/ FRP pressure plate option



90° OUTSIDE CAPTURED CORNER

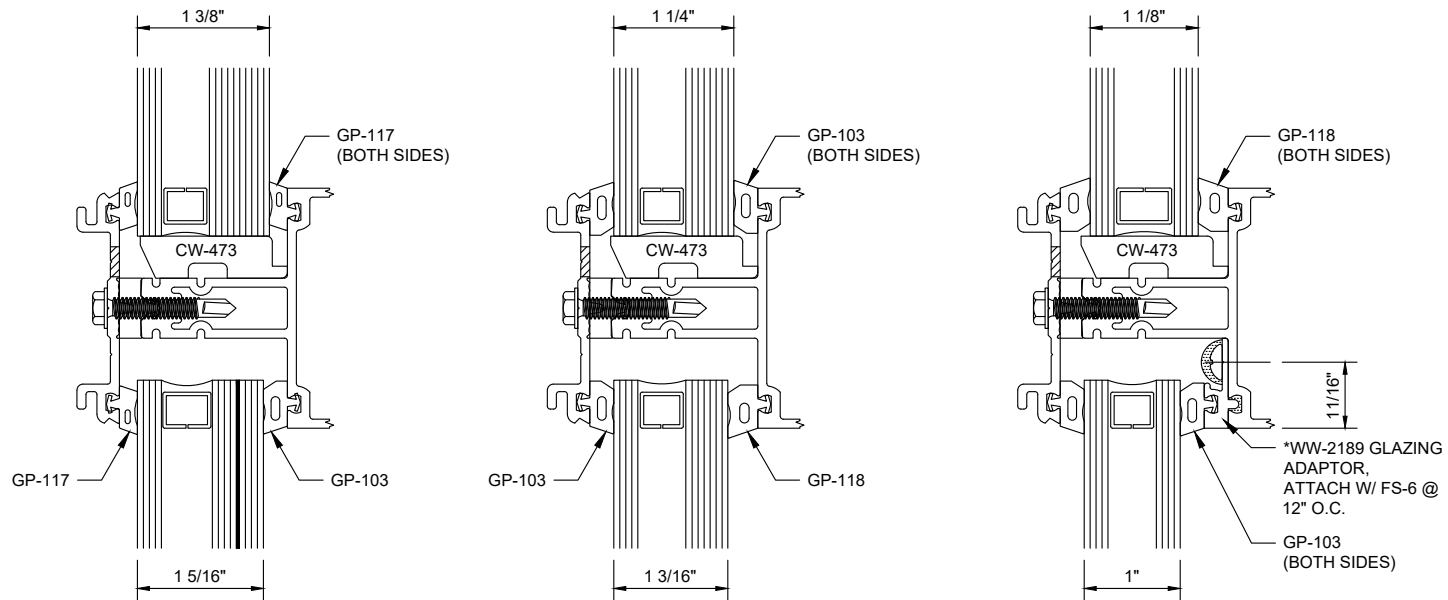


90° INSIDE CAPTURED CORNER



90° OUTSIDE SSG CORNER

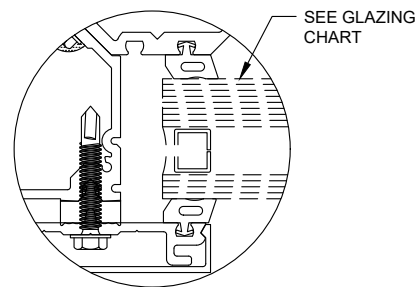
Reliance™ Curtain Wall Spandrel Glazing Options - M4346



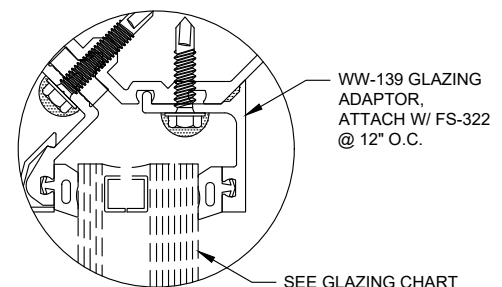
NOTES:

1. Glass pocket = 1-3/4" typical or 1-1/2" w/ WW-2189 glazing adaptor
2. Glazing adaptors set in sealant (sealant by others)
3. * denotes non-stock item
4. 1" glazing option unavailable w/ single mullion corners
5. Single mullion captured corners unavailable w/ FRP pressure plate option

VISION GLAZING CHART			
GLAZING THICKNESS	GASKET EXTERIOR	GASKET INTERIOR	GLAZING ADAPTOR
1" (1.0)	GP-103	GP-103	* WW-2189
1-1/8" (1.125)	GP-118	GP-118	
1-3/16" (1.188)	GP-103	GP-118	
1-1/4" (1.250)	GP-103	GP-103	
1-5/16" (1.313)	GP-103	GP-117	
1-3/8" (1.375)	GP-117	GP-117	



90° OUTSIDE CORNER



90° INSIDE CORNER

Reliance™ Curtain Wall Vision Glazing Options - M4348