

Oldcastle BuildingEnvelope®

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RELIANCE™-TC TYPE I (STD. HORIZONTALS & TC VERTICALS) 2-1/2" X 6" W/ 1" TYPICAL INFILL

(Drawing numbers---i.e., H3501---used as CAD detail reference only)

Elevation

Horizontal Details

H3501	Head
H3504	Sill
H3505	Intermediate Horizontal
H3508	Roll-Over Horizontal
H3509	Roll-Under Horizontal
H3518	Horizontal at Operable Window (Pocket Frame)
H3519	Horizontal at Operable Window (Flat Frame)

Vertical Details

V7501	Jamb
V7502	Typical Vertical
V7505	Heavy Vertical
V7509	Vertical at Operable Window
V7552	SSG Vertical

Corner Details

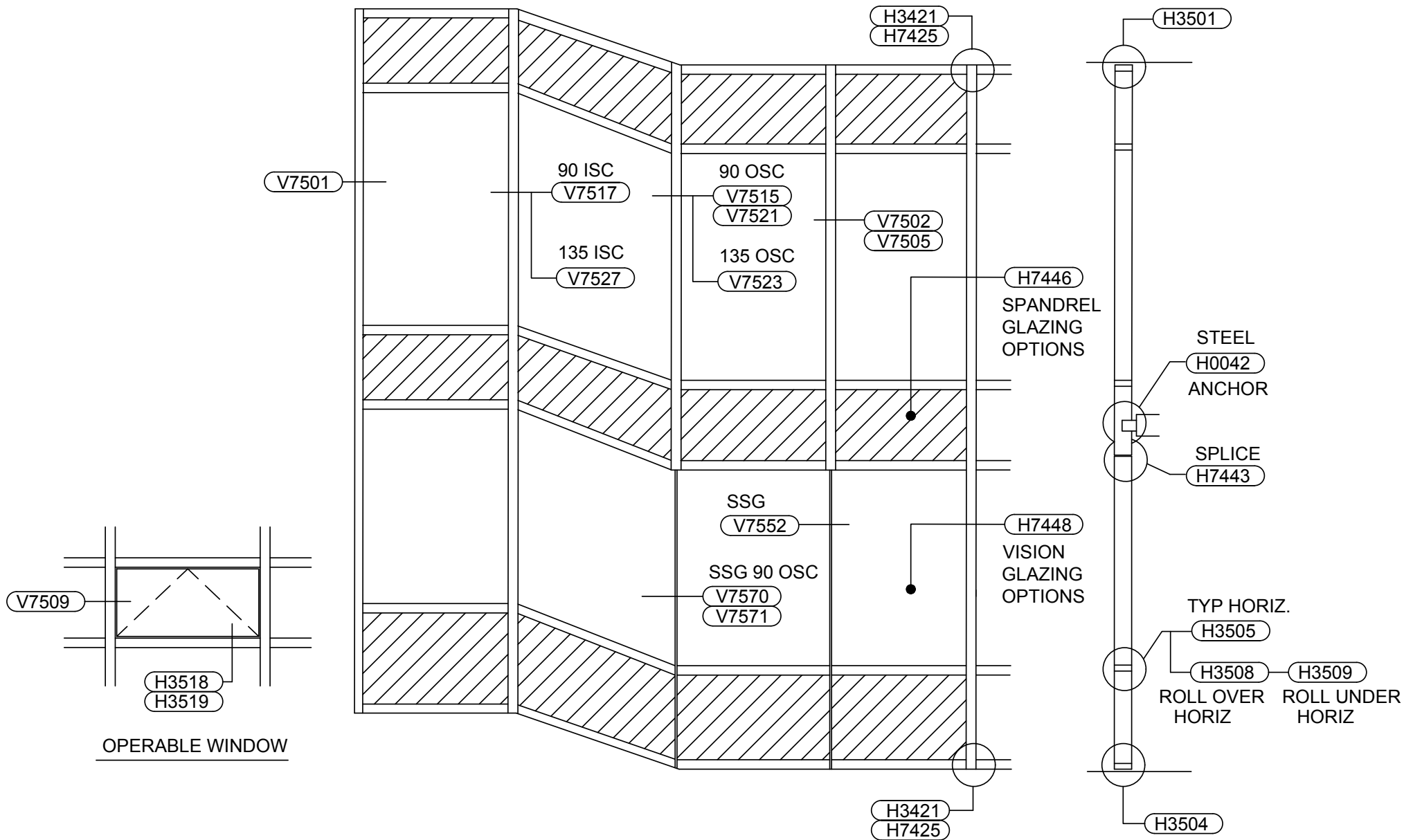
V7515	90° Outside Corner - 2 Mullion
V7517	90° Inside Corner - 2 Mullion
V7521	90° Outside Corner
V7523	135° Outside Corner
V7527	135° Inside Corner - 2 Mullion
V7570	SSG 90° Outside Corner Option 1
V7571	SSG 90° Outside Corner Option 2

Misc. Details

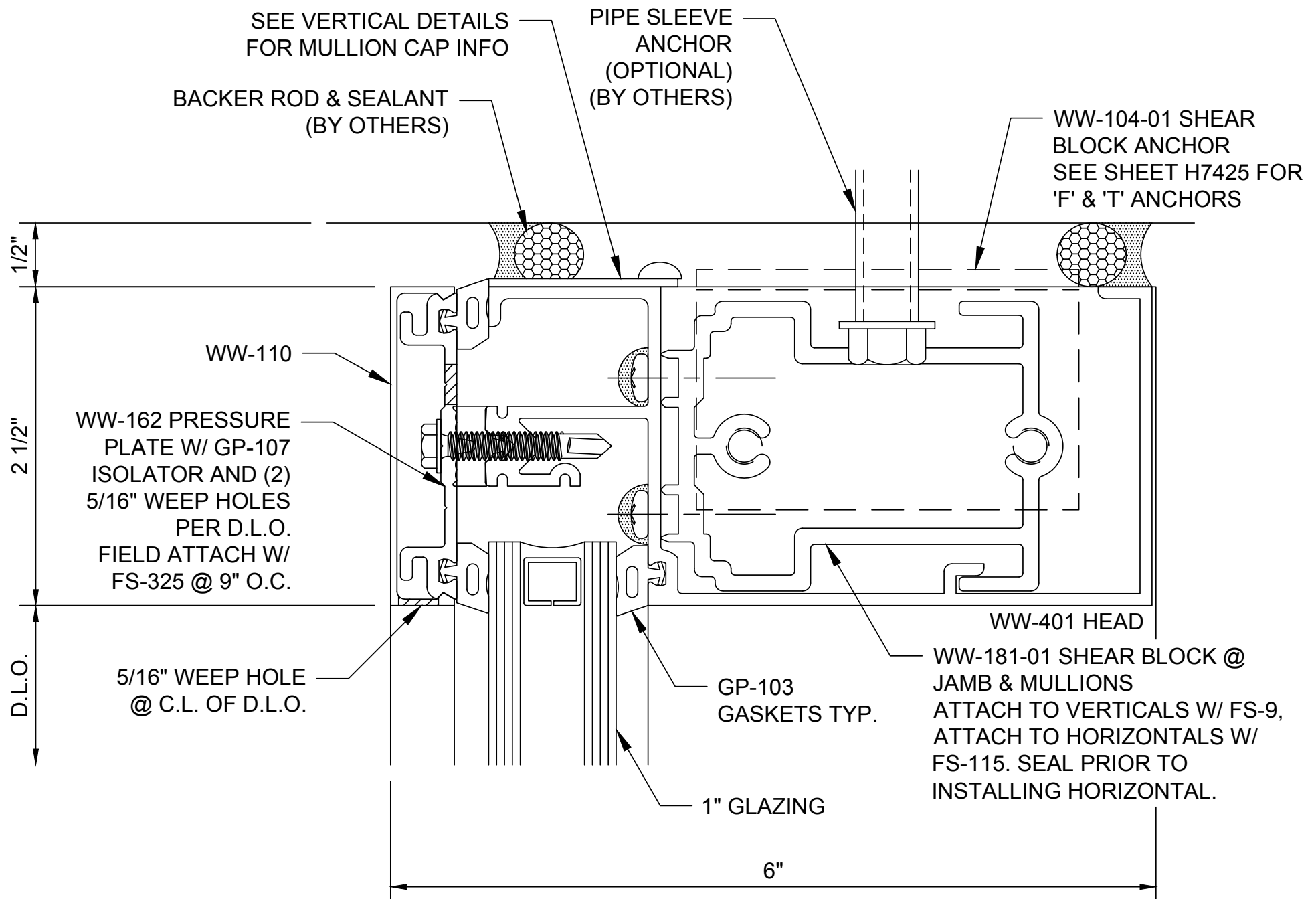
H0042	Steel Anchoring
H3421	Shear Block Anchoring
H7425	'F' & 'T' Anchoring
H7443	Mullion Splicing
H7446	Spandrel Glazing Options
H7448	Vision Glazing Options

Note: Type II horizontals may be used in lieu of standard Reliance horizontals for improved thermal performance.

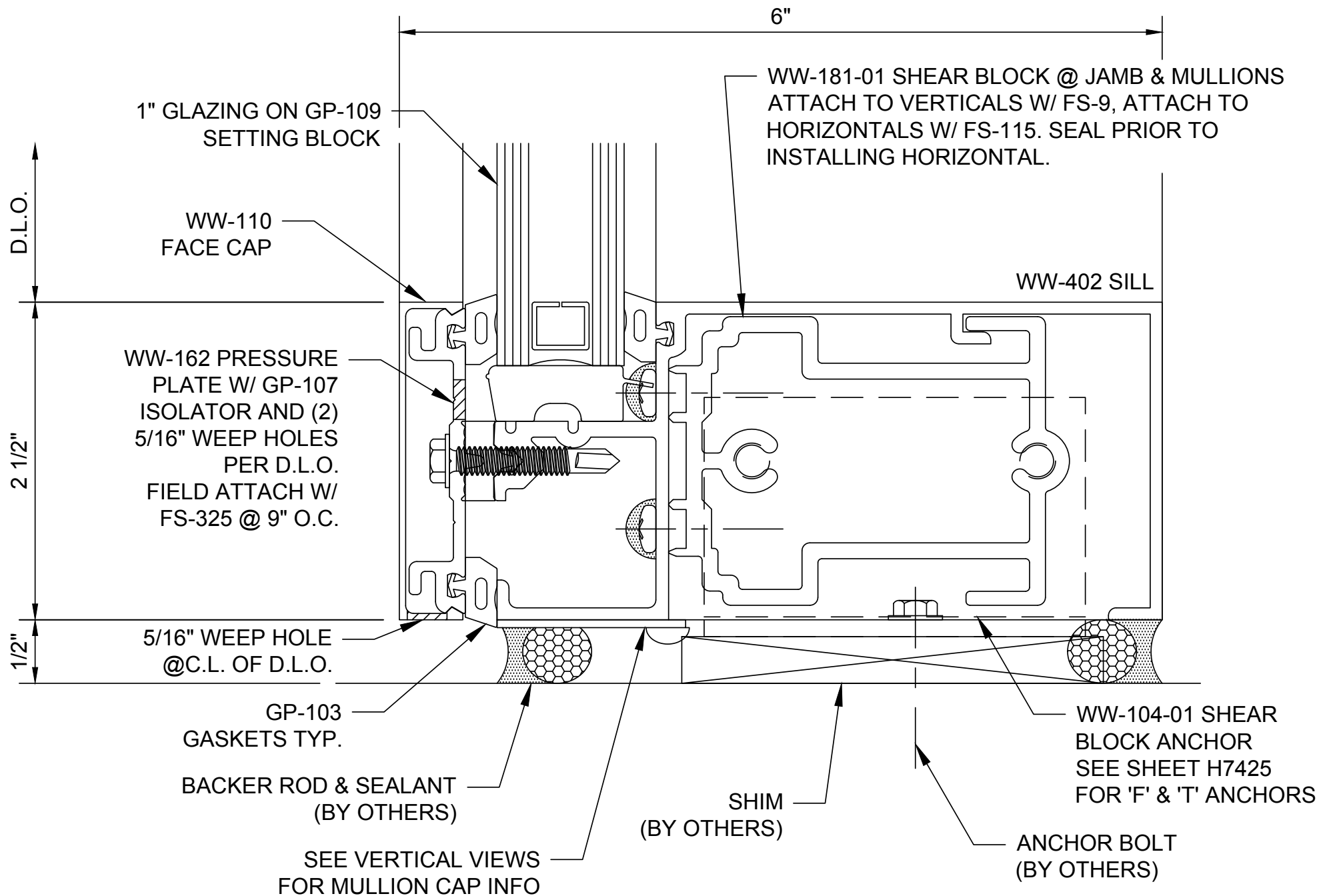
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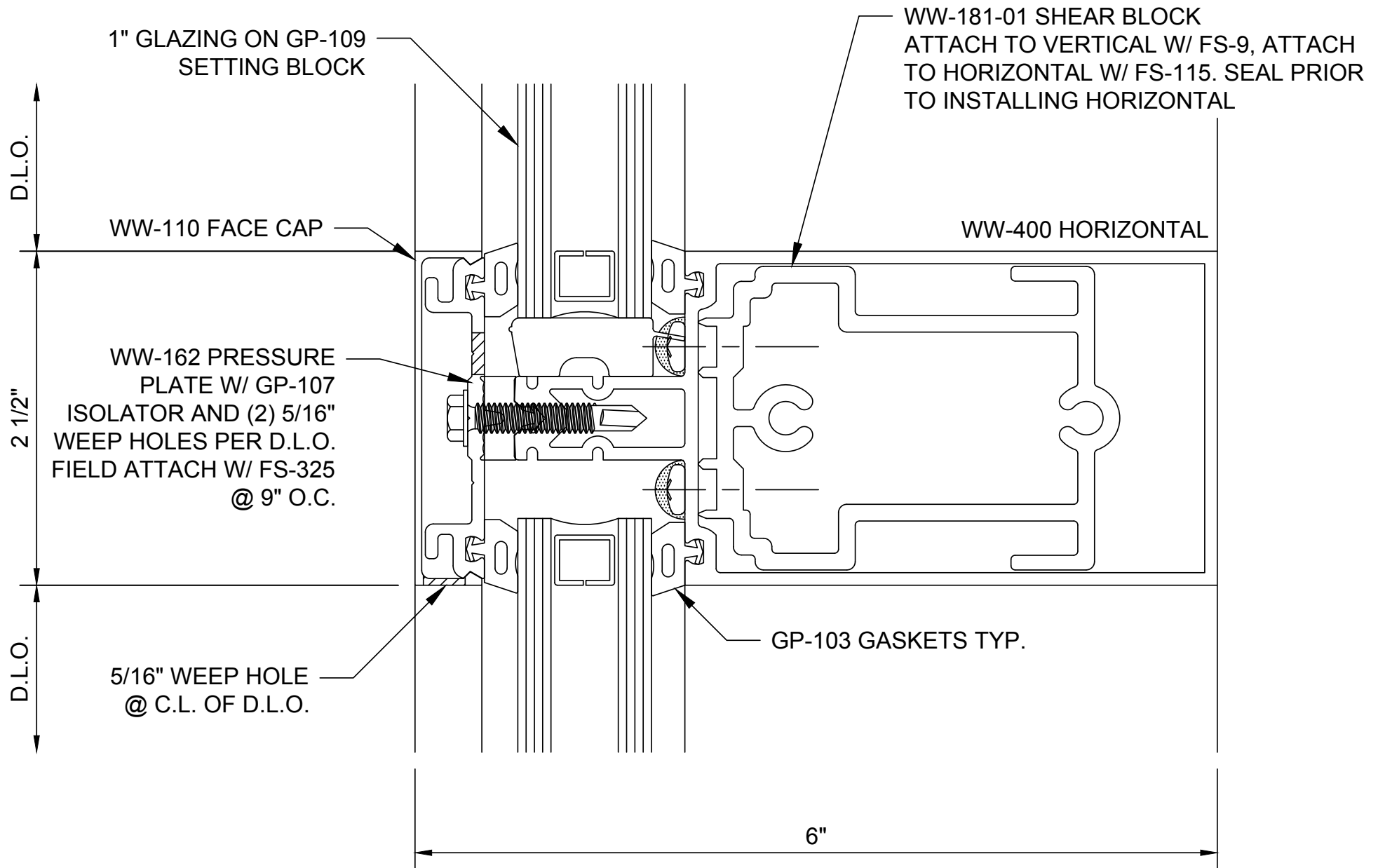
Reliance™-TC Type I - Standard Horizontals and TC Verticals
2-1/2" x 6" w/ 1" Glazing - Elevation



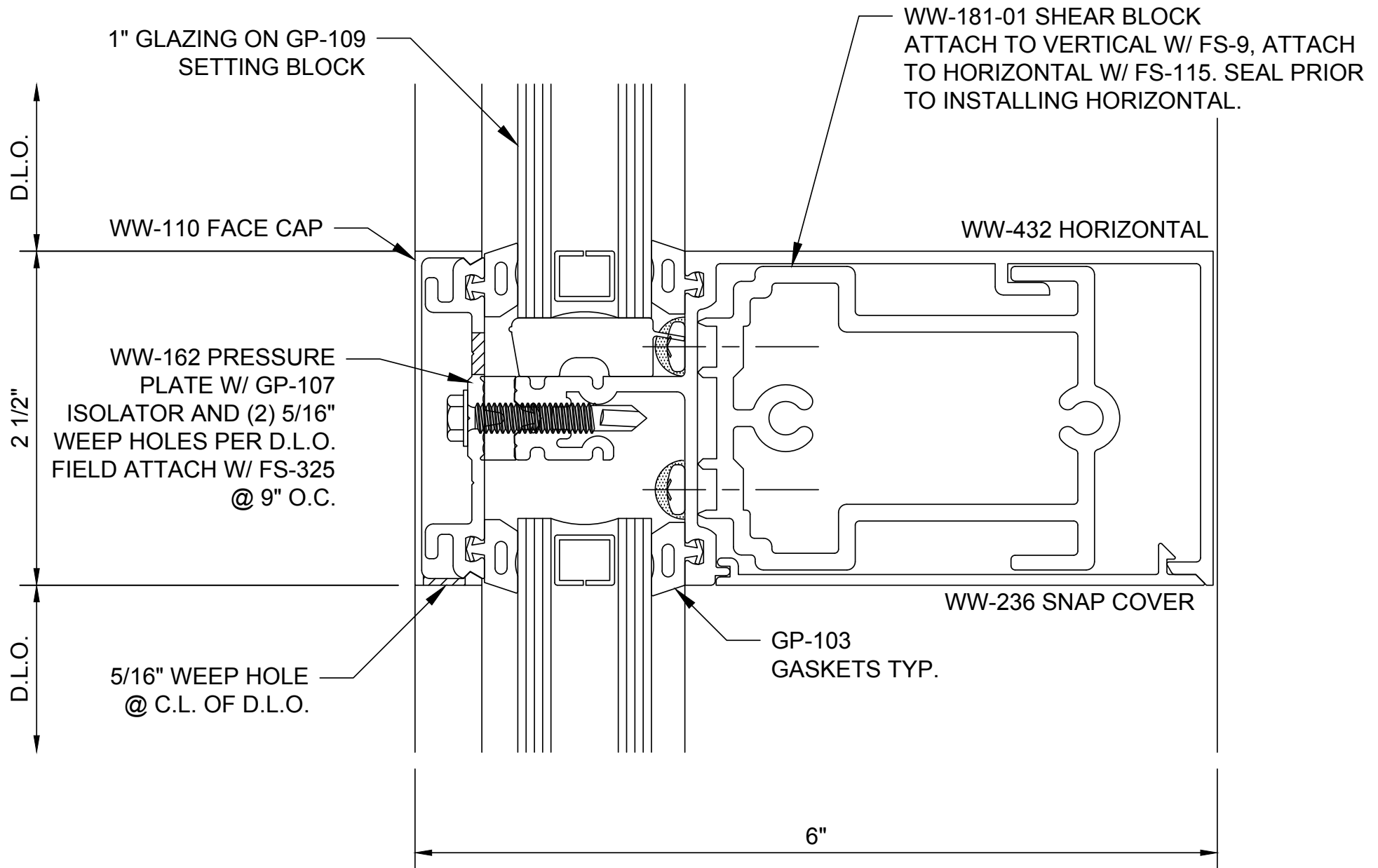
Reliance™ Curtain Wall Head at Vision - H3501



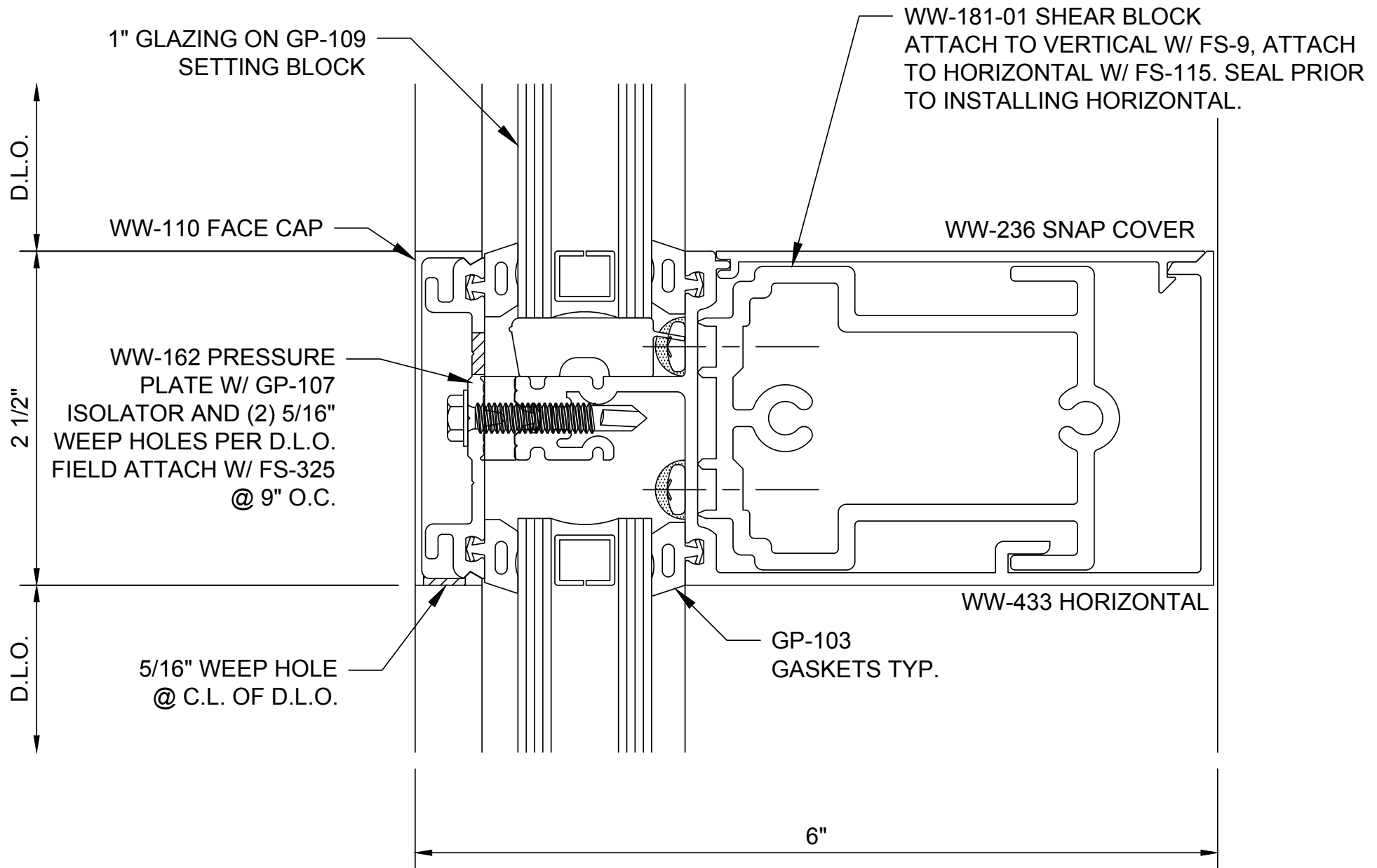
Reliance™ Curtain Wall Sill at Vision - H3504



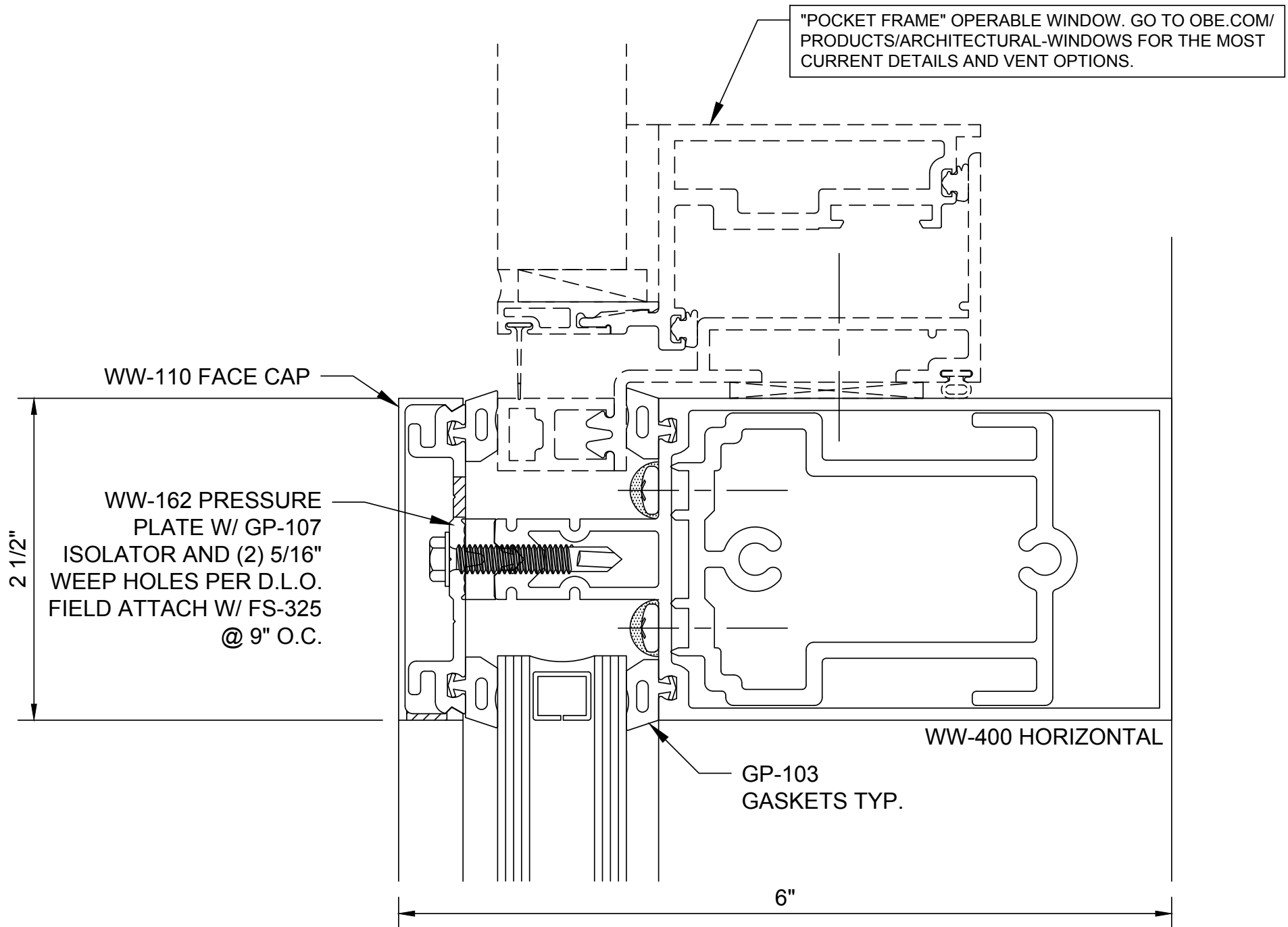
Reliance™ Curtain Wall
Intermediate Horizontal at Vision - H3505



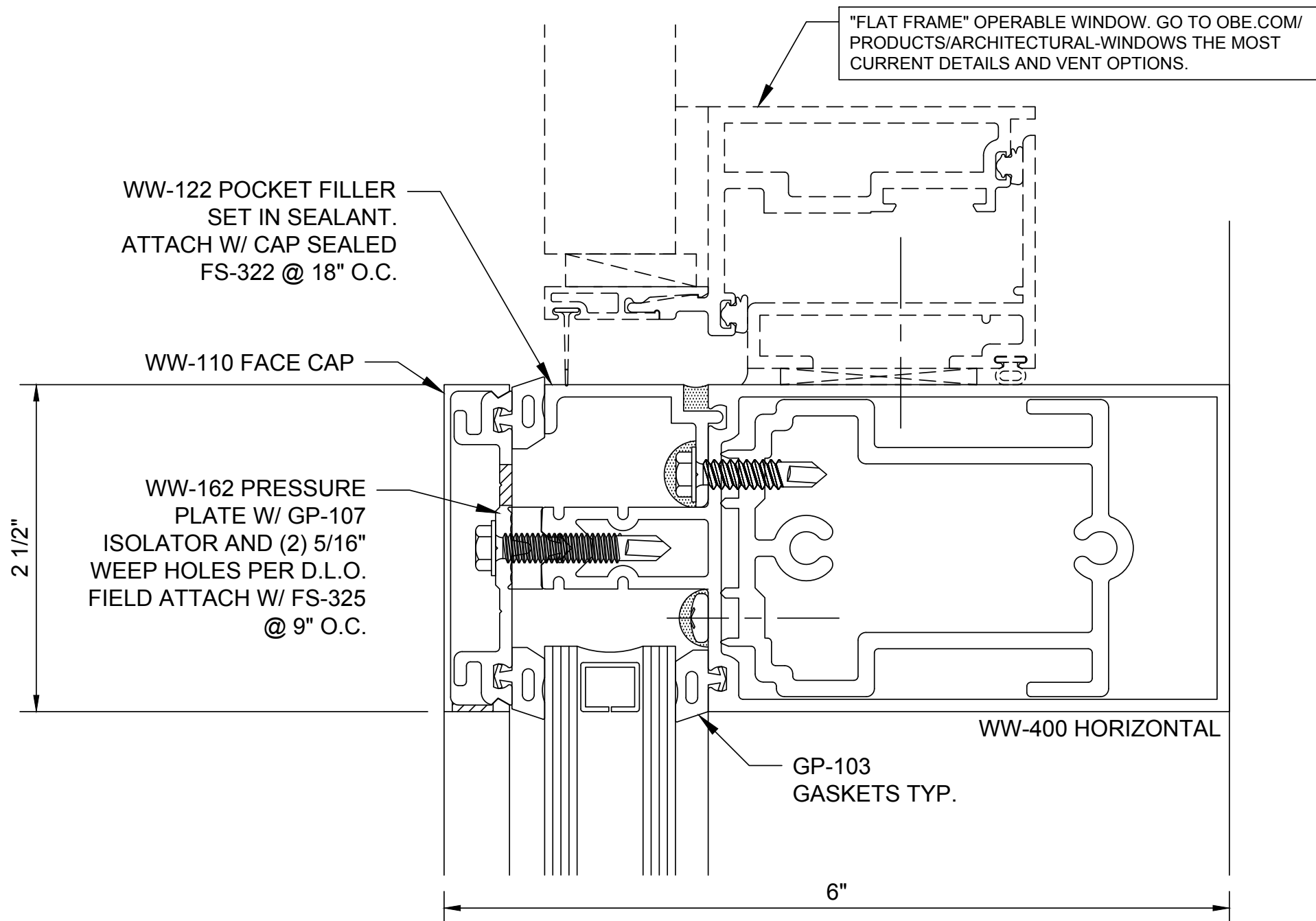
Reliance™ Curtain Wall
Roll-over Horizontal at Vision - H3508



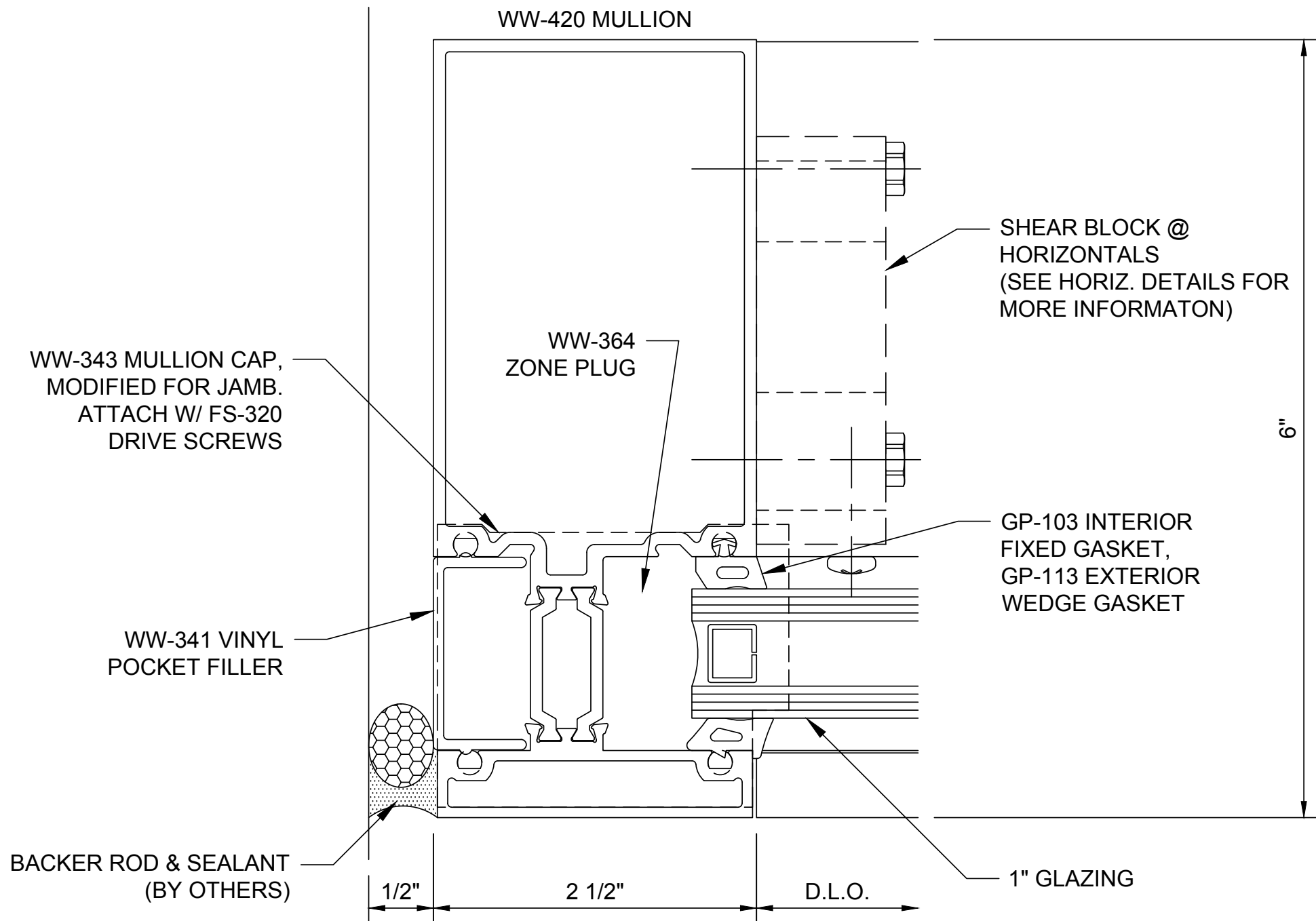
Reliance™ Curtain Wall
Roll-under Horizontal at Vision - H3509



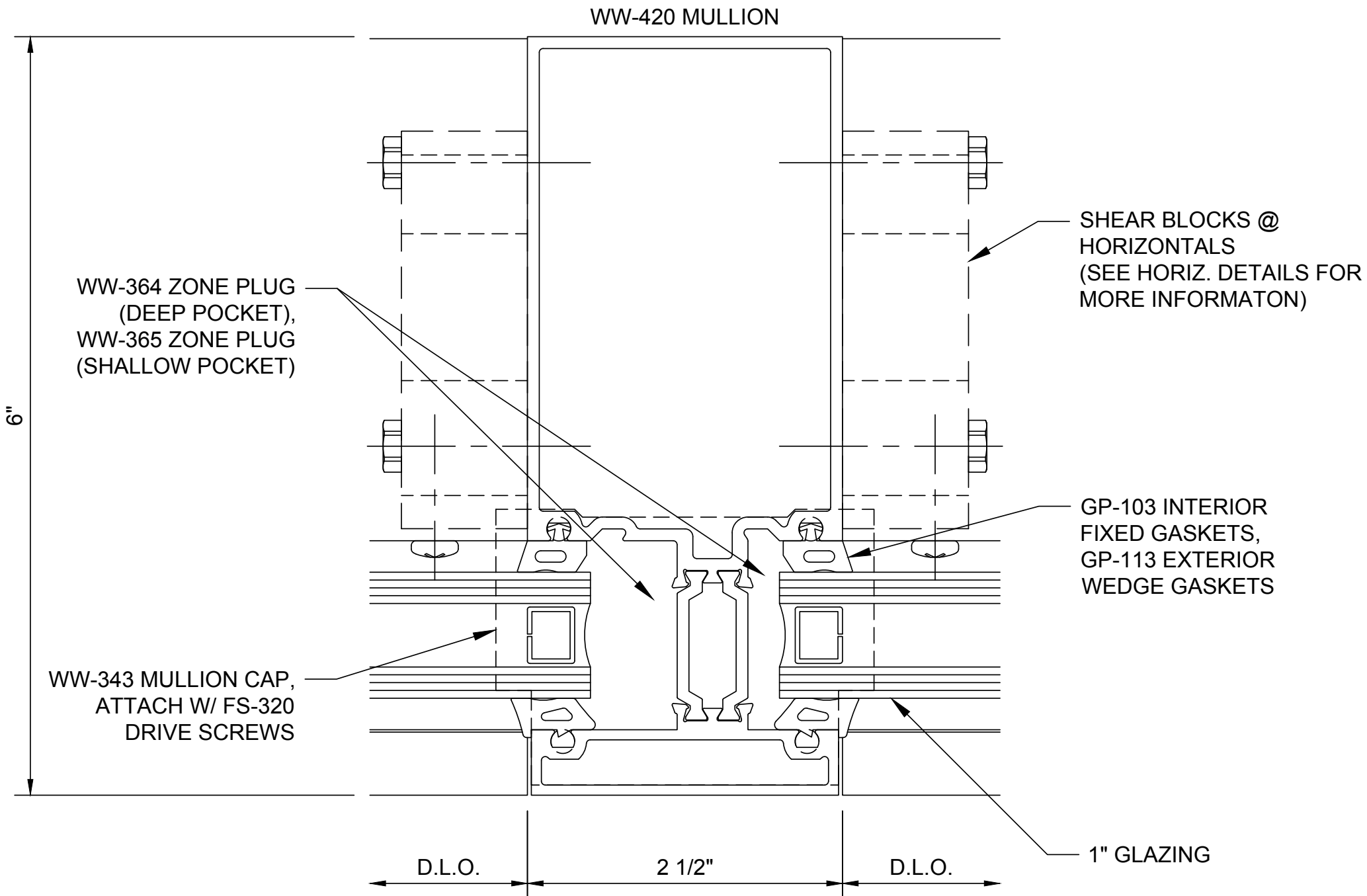
Reliance™ Curtain Wall
Horizontal at Operable Window - H3518



Reliance™ Curtain Wall
Horizontal at Operable Window - H3519

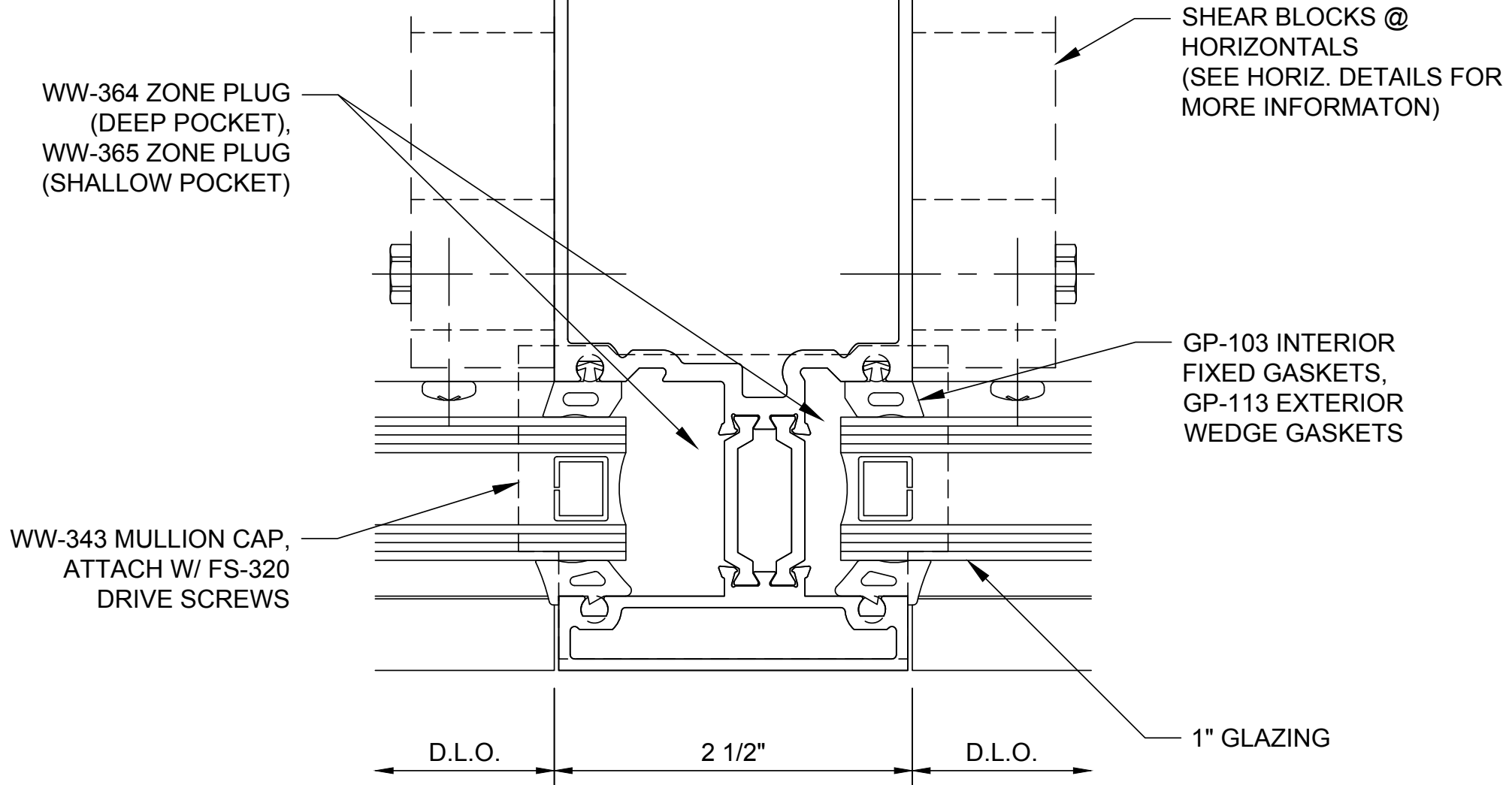


Reliance™-TC Type I
Jamb - V7501

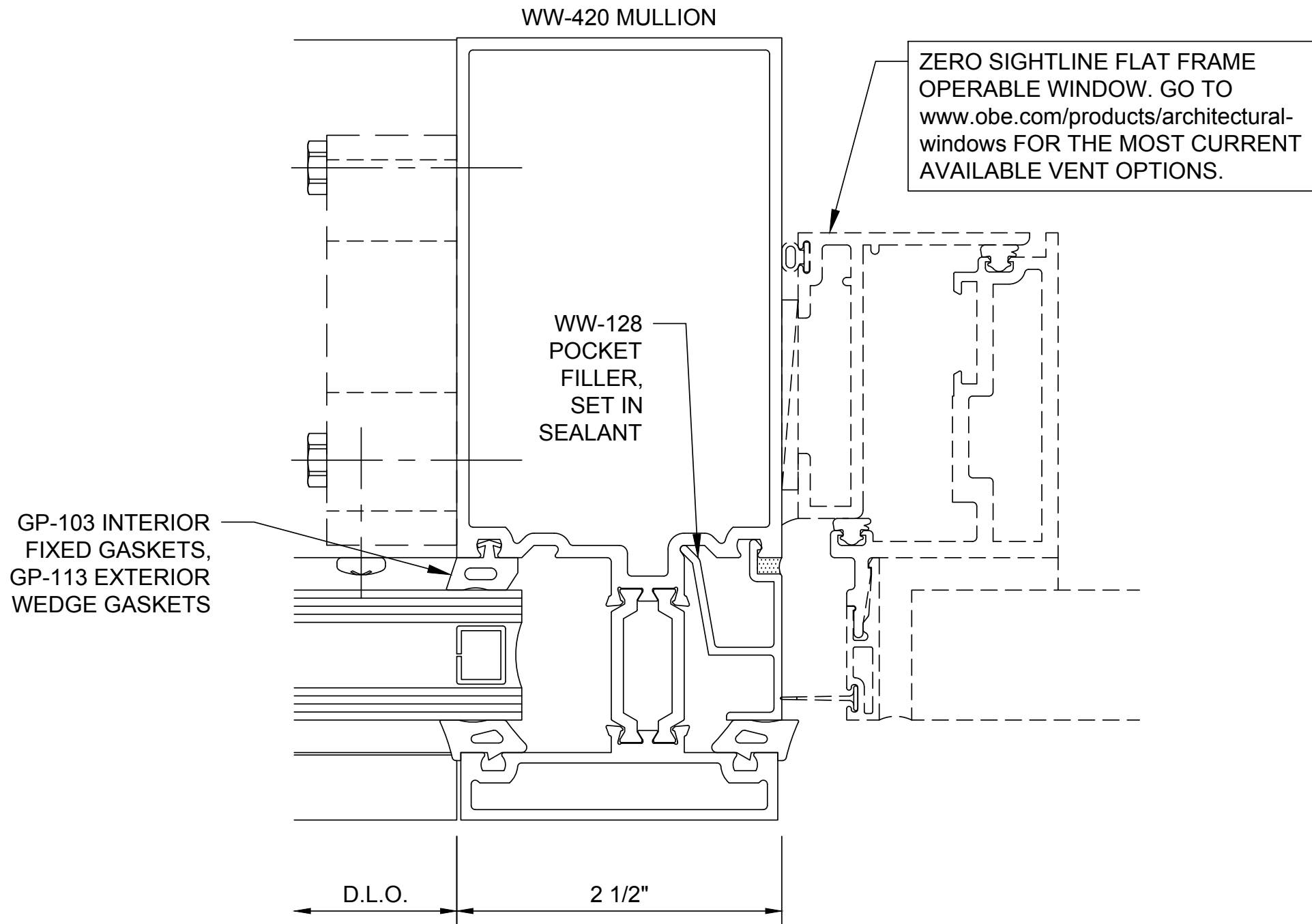


Reliance™-TC Type I
Intermediate Vertical - V7502

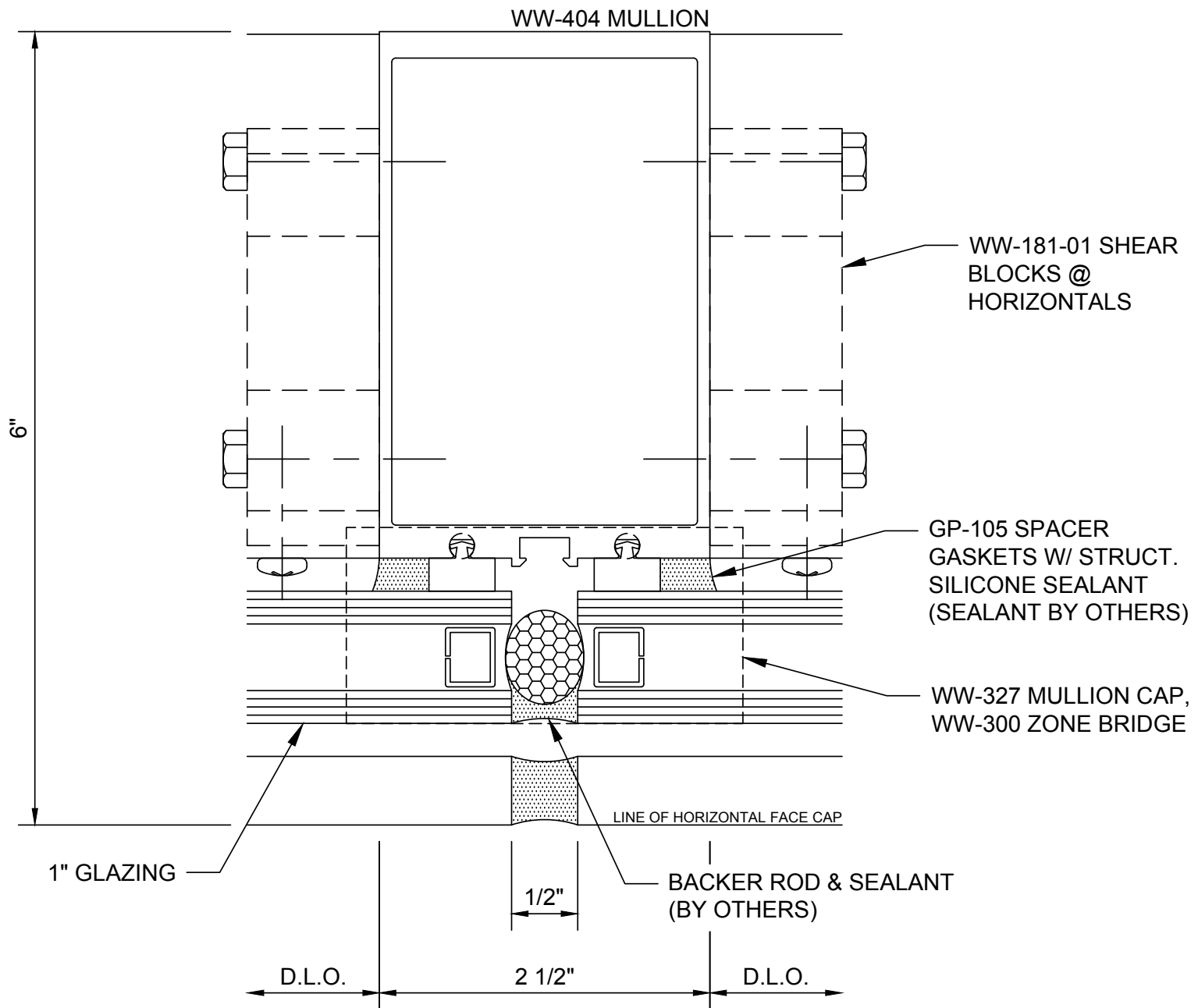
WW-430 MULLION



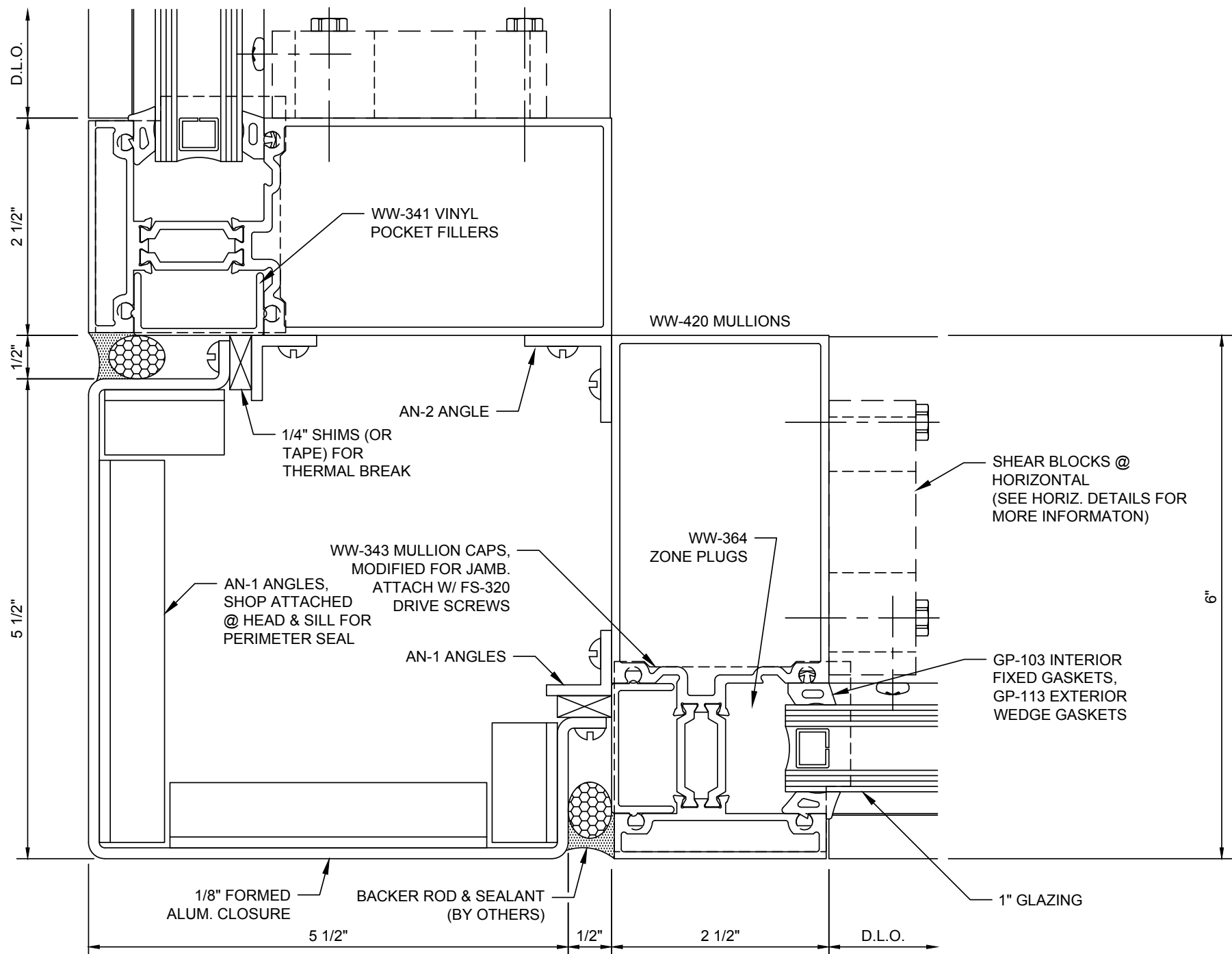
Reliance™-TC Type I Intermediate Vertical - Heavy - V7505



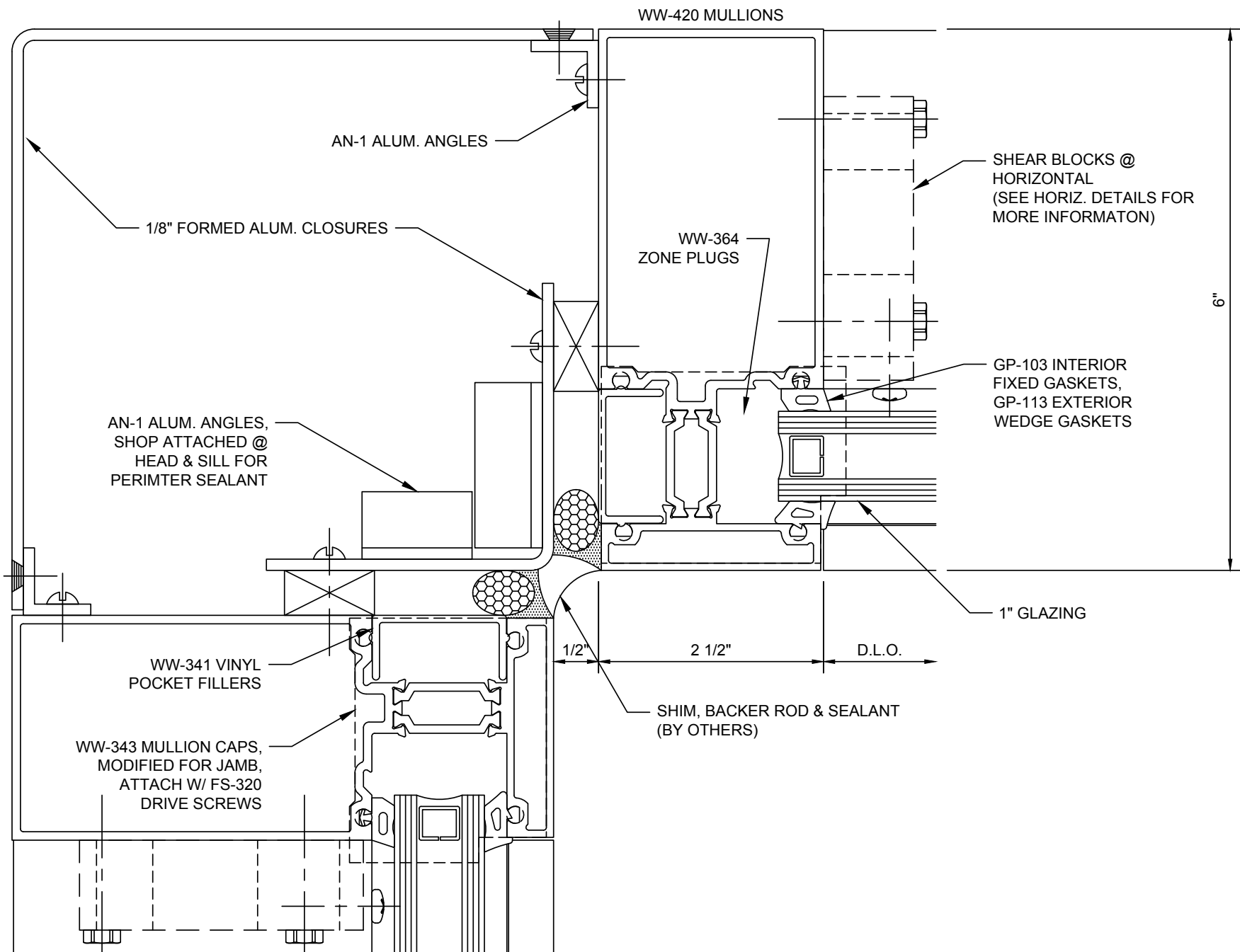
Reliance™-TC Type I
Vertical at Operable Window - V7509



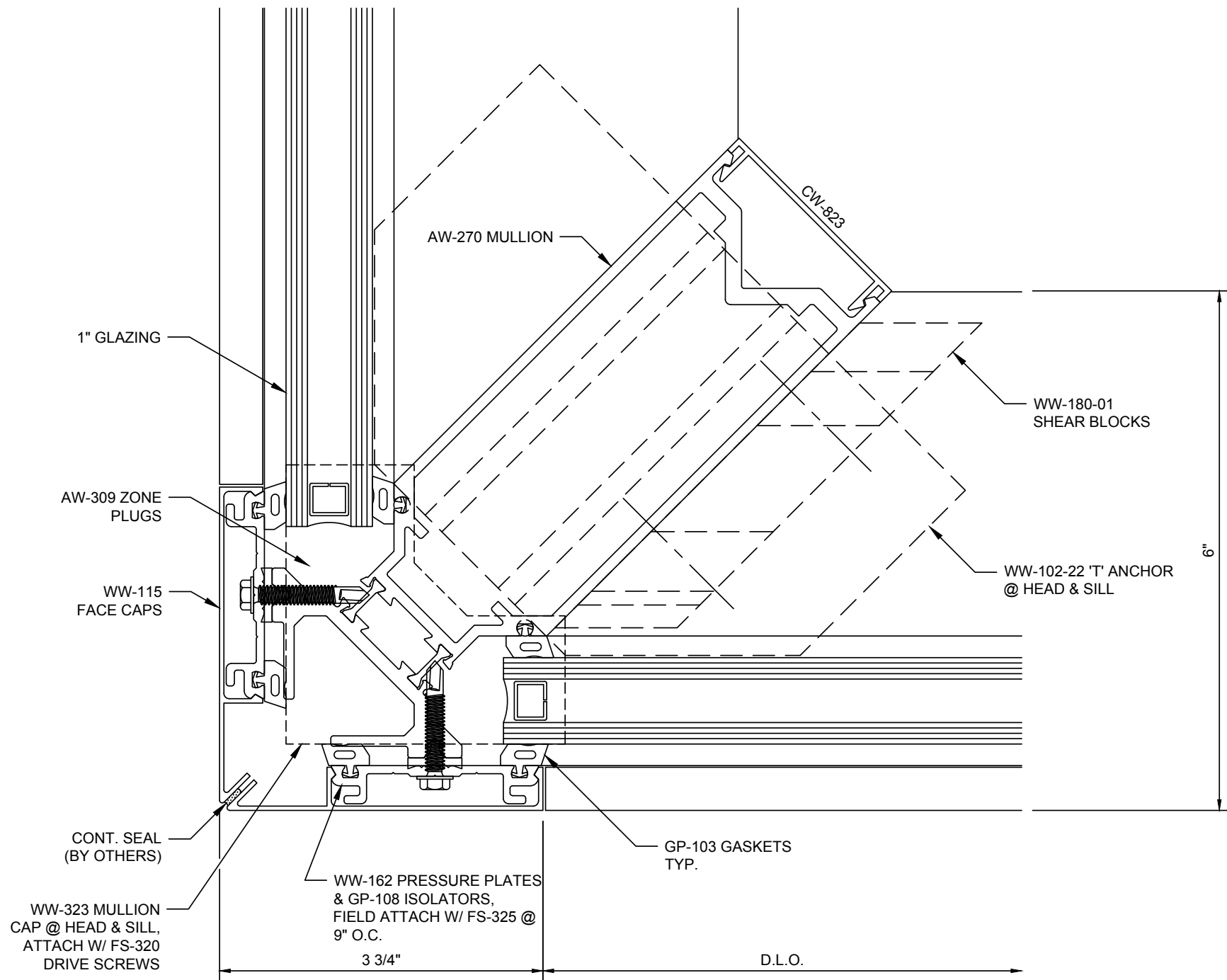
Reliance™-TC Type I SSG Vertical - V7552



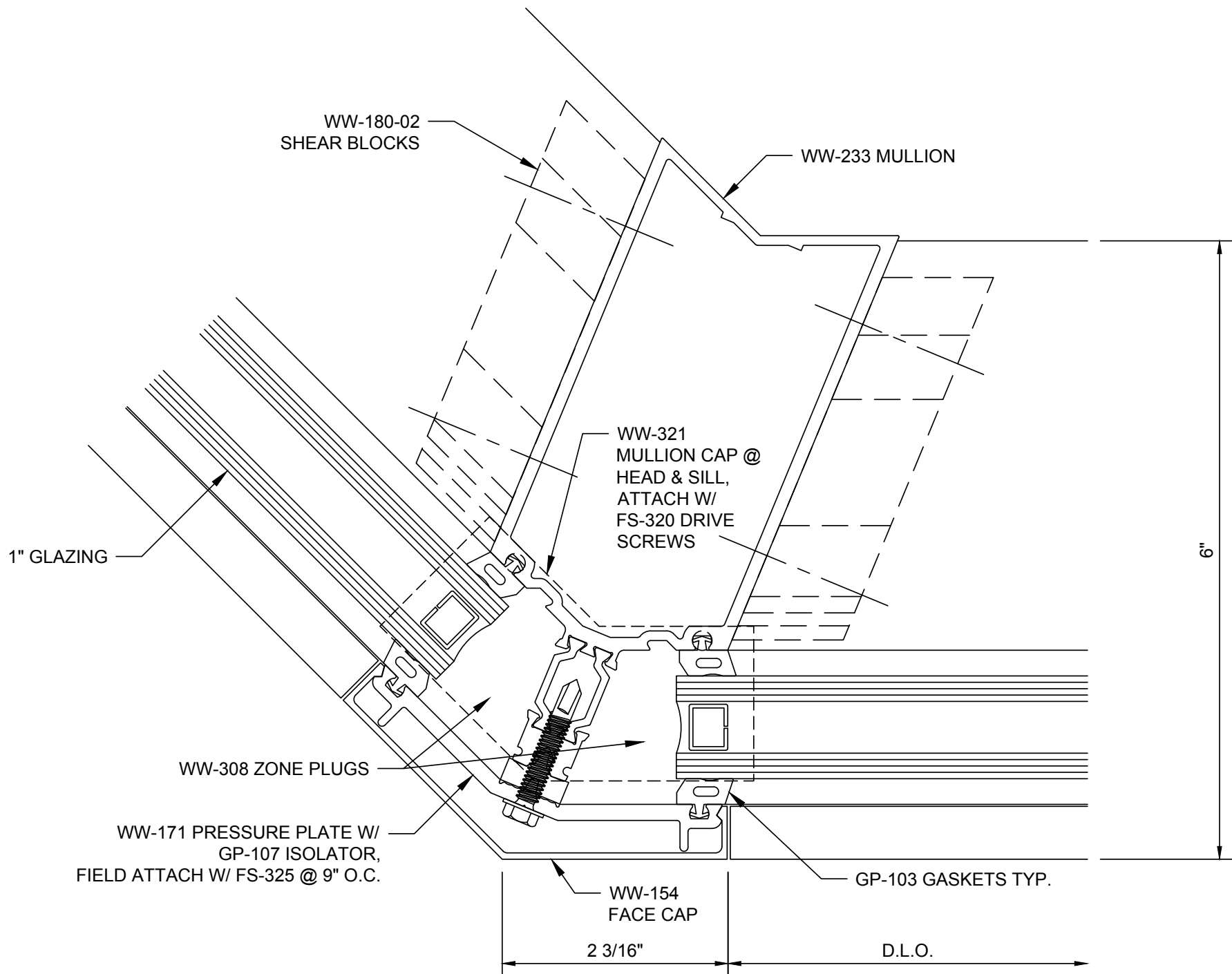
Reliance™-TC Type I 90° Outside Corner - V7515



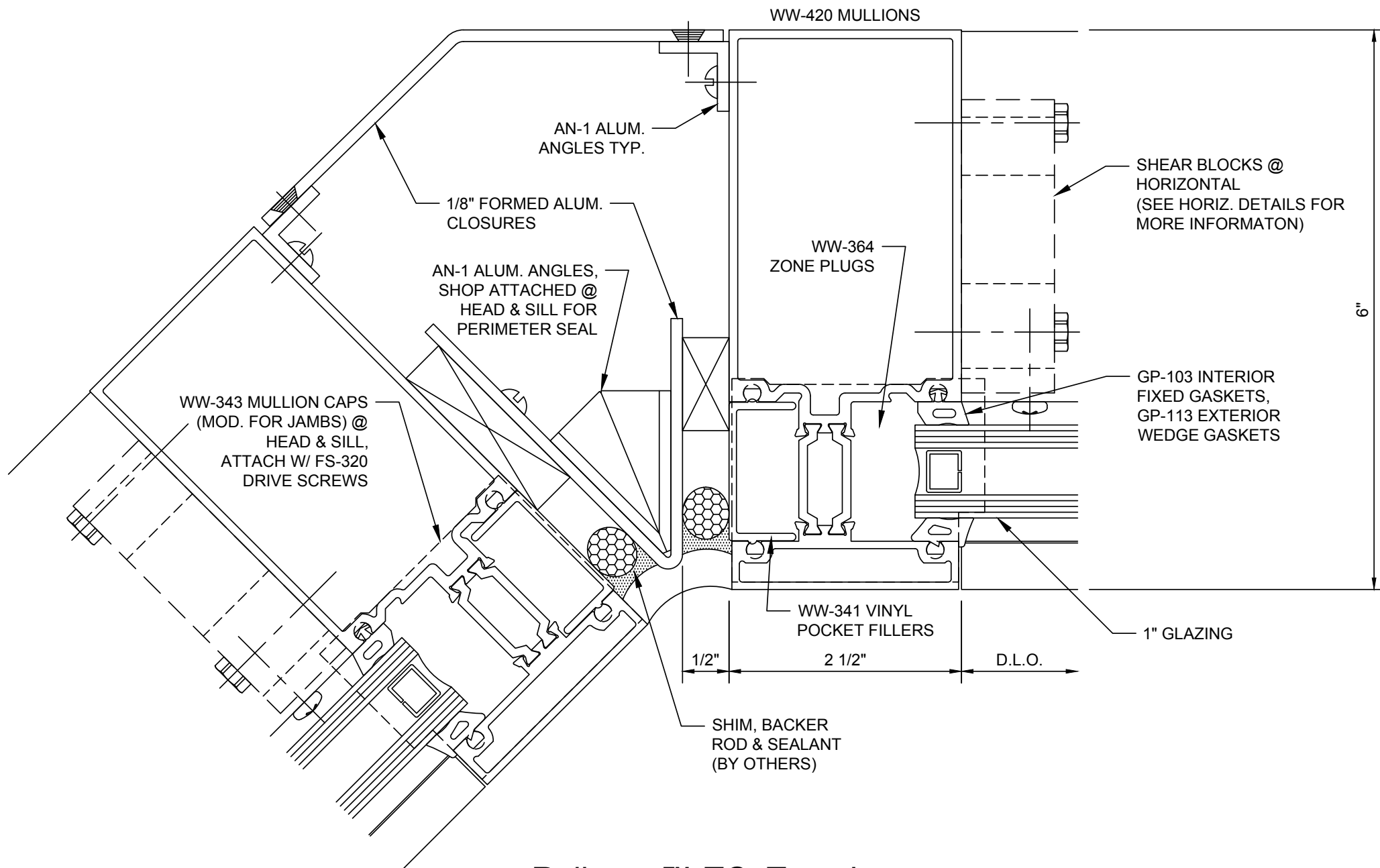
Reliance™-TC Type I 90° Inside Corner - V7517



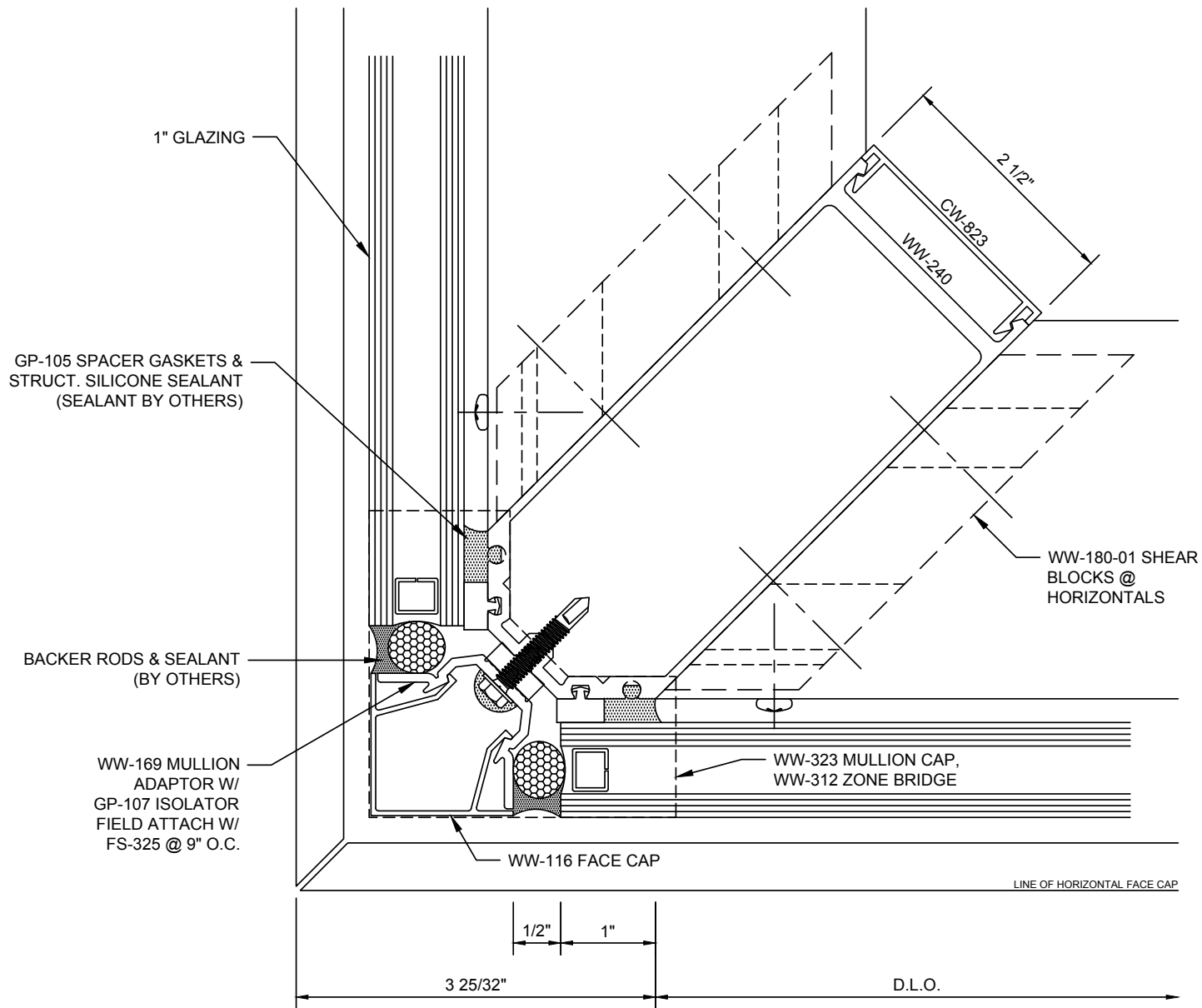
Reliance™-TC Type I
90° Outside Corner - V7521



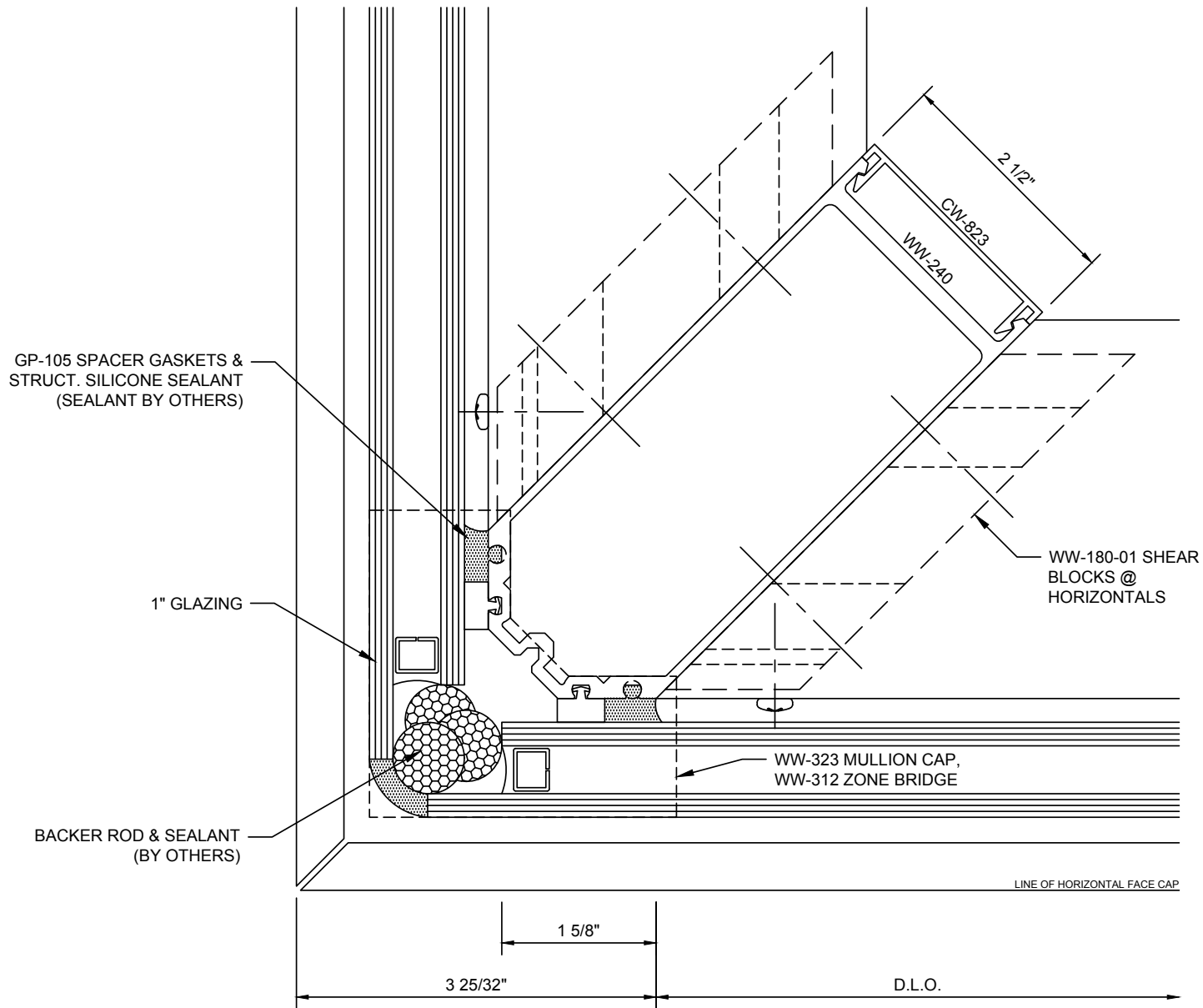
Reliance™-TC Type I
135° Outside Corner - V7523



Reliance™-TC Type I
135° Inside Corner - V7527



Reliance™-TC Type I
SSG 90° Outside Corner w/ Cap - V7570

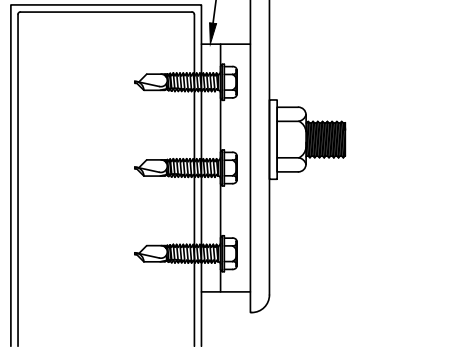


Reliance™-TC Type I
SSG 90° Outside Corner - V7571

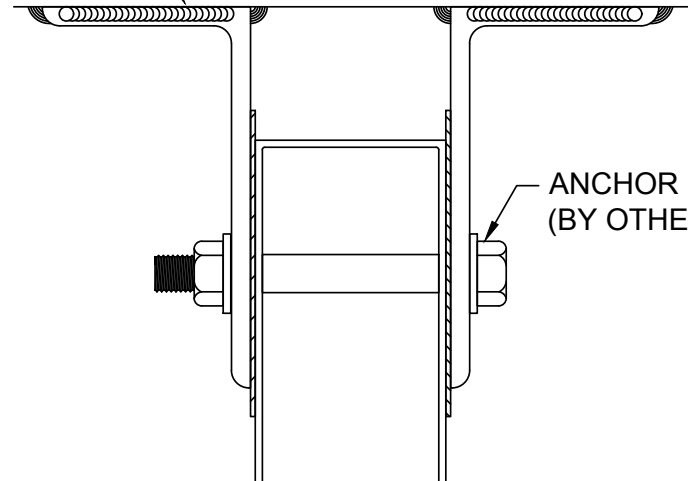
WELD AS REQUIRED BY INSTALLER

FLOOR SLAB OR BEAM

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



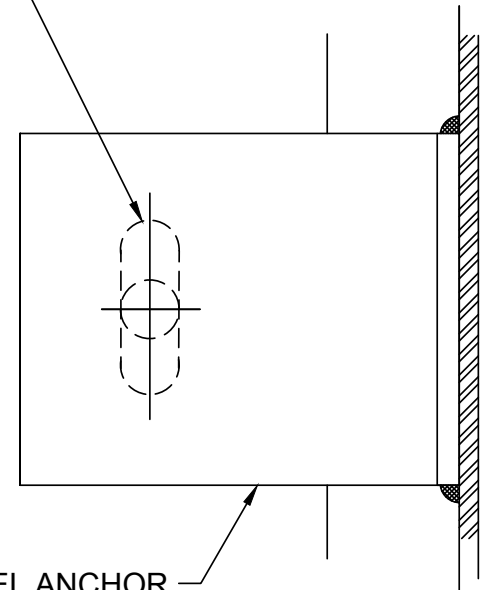
Plan View
Jamb Option



Plan View
Intermediate Mullion

ANCHOR BOLT
(BY OTHERS)

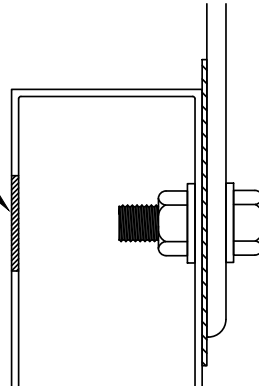
HOLE IN ANCHOR @ DEAD LOAD
SLOT IN ANCHOR @ WIND LOAD



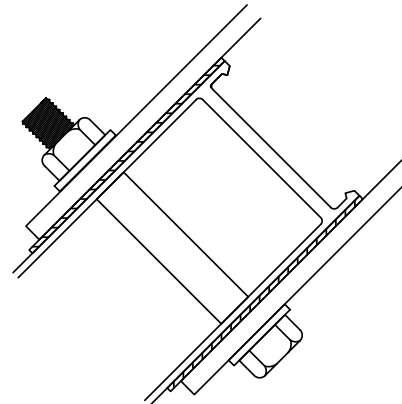
Side View

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

ACCESS HOLE

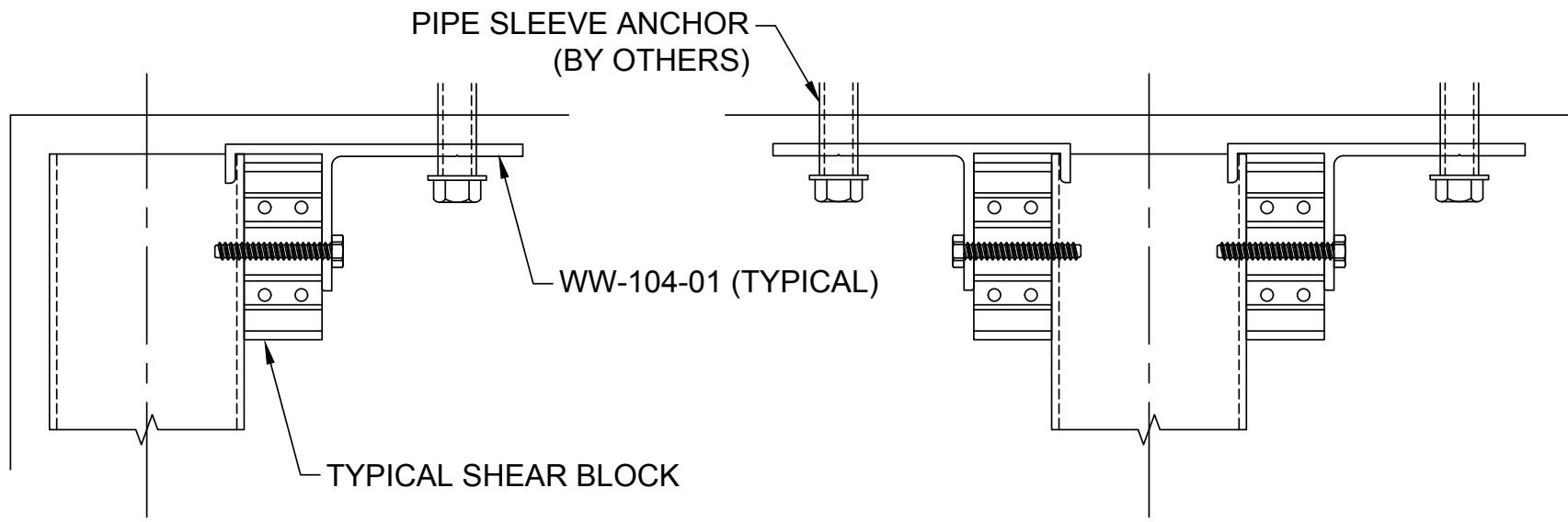


Plan View
Jamb Option



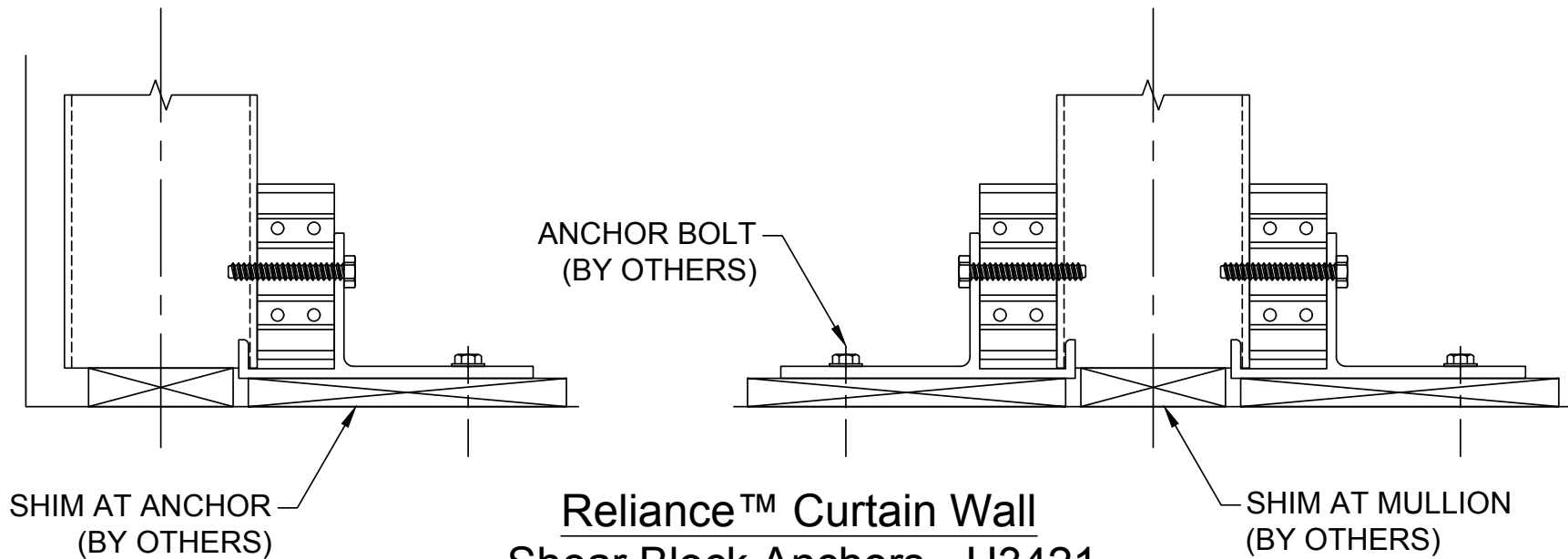
Plan View
Single Mull Corners

Standard Curtain Wall Steel Anchor - H0042

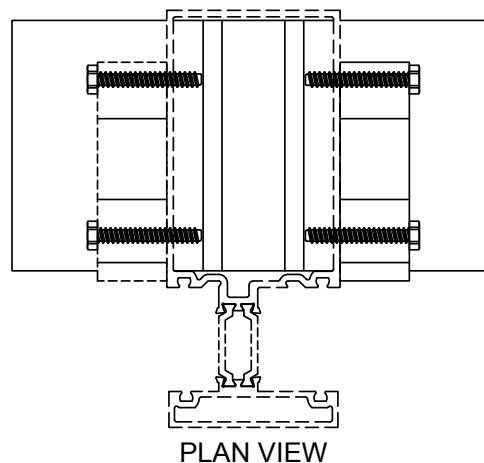
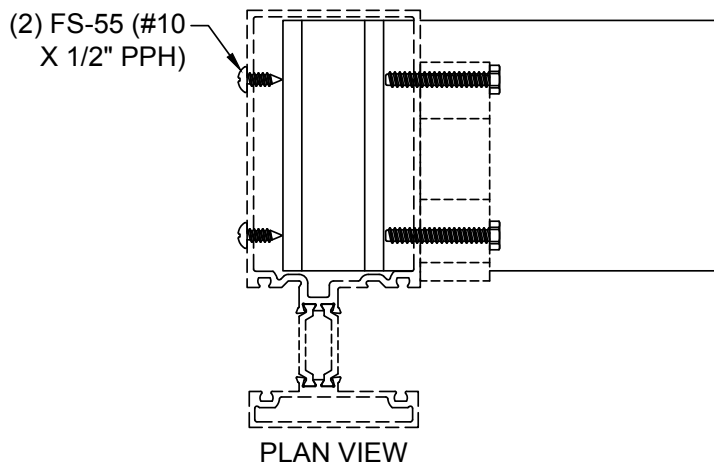
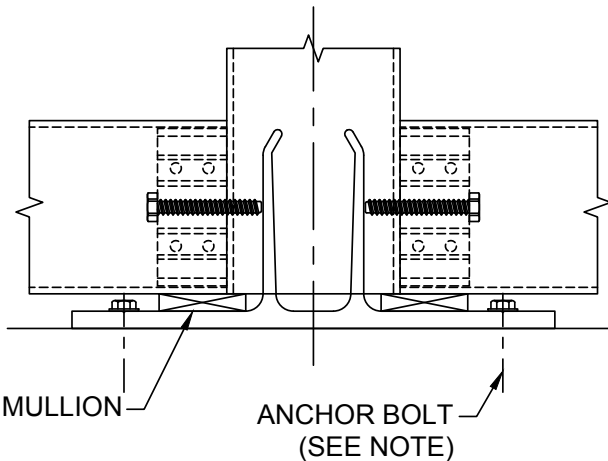
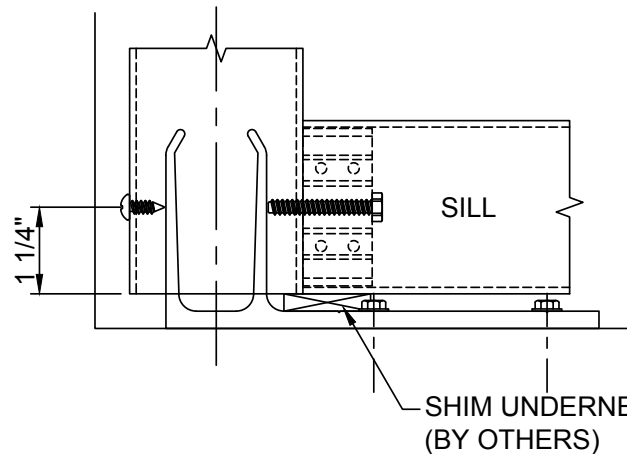
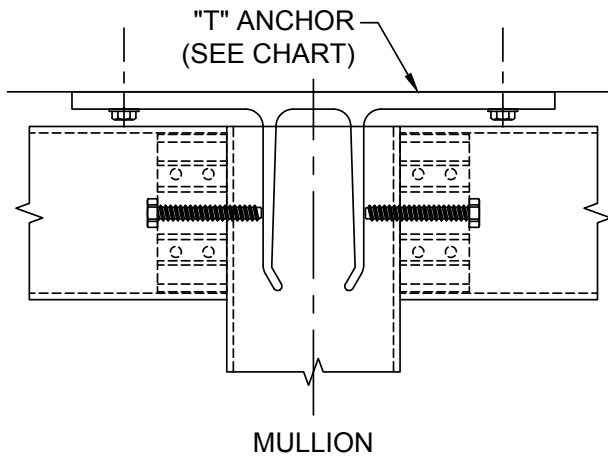
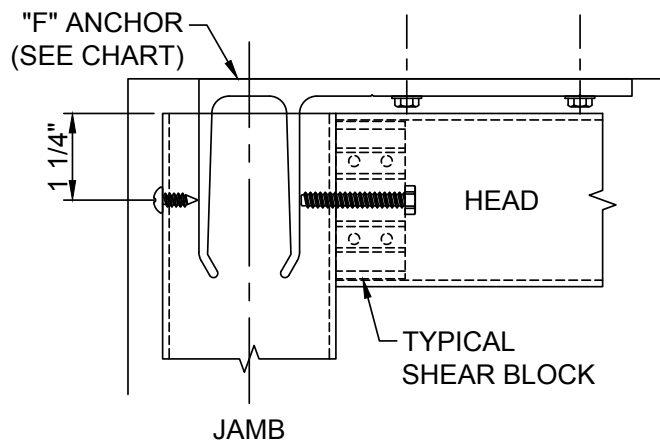


NOTE:

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 Anchors - H3421**



"F" ANCHOR CHART

PART NO.	MULLION
WW-103-05	WW-520/WW-538
WW-103-06	WW-420/WW-438
WW-103-07	WW-530/WW-531
WW-103-08	WW-430/WW-431

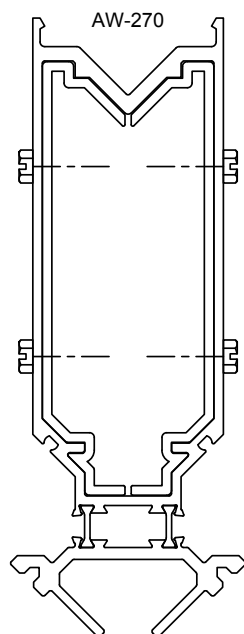
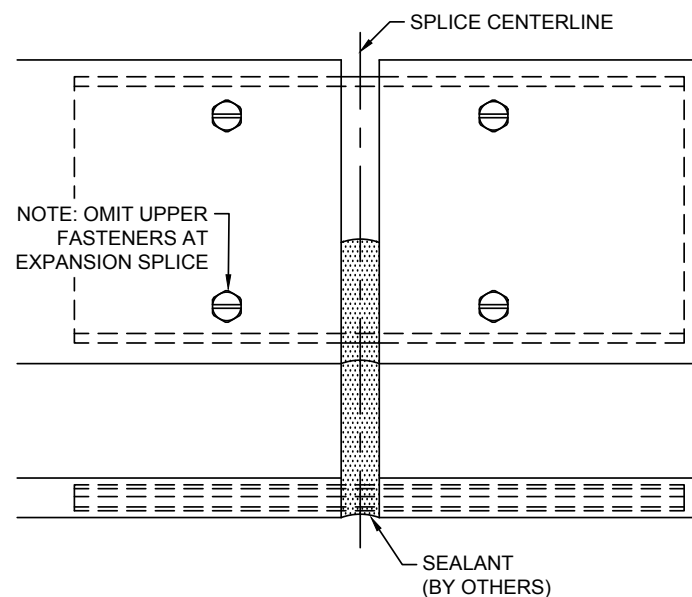
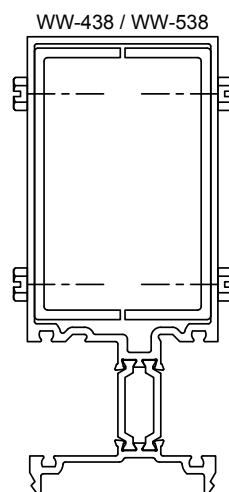
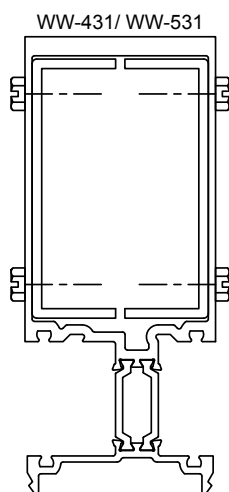
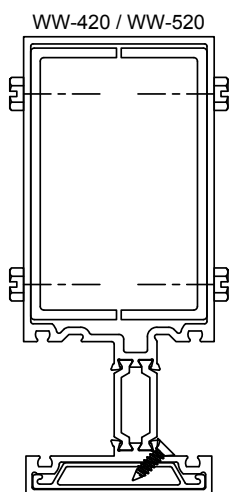
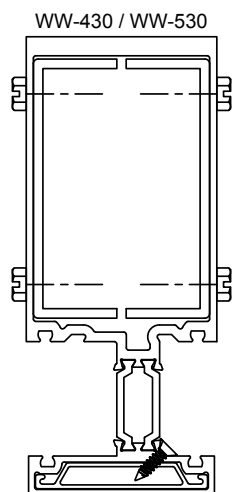
"T" ANCHOR CHART

PART NO.	MULLION
WW-102-02	WW-504
WW-102-04	WW-404
WW-102-08	WW-520/WW-538
WW-102-09	WW-420/WW-438
WW-102-10	WW-530/WW-531
WW-102-11	WW-430/WW-431
WW-102-13	WW-234
WW-102-14	WW-233
WW-102-22	AW-270

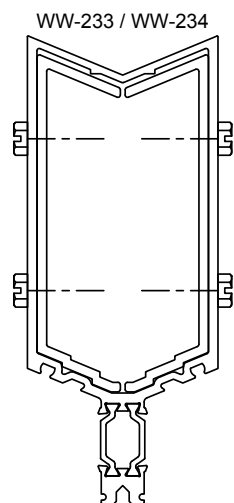
NOTE:

1. ANCHOR BOLT SIZE AND LOCATION DETERMINED BY STRUCTURAL ENGINEER

Reliance™-TC Type I "F" & "T" Anchors - H7425



90° OUTSIDE CORNER



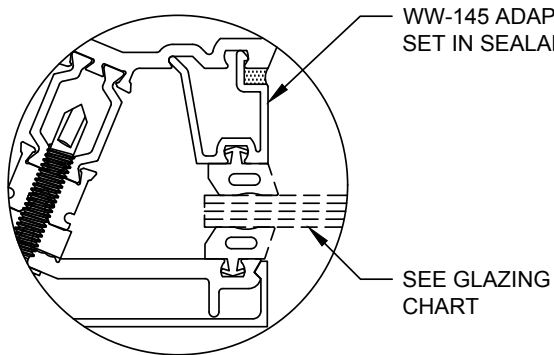
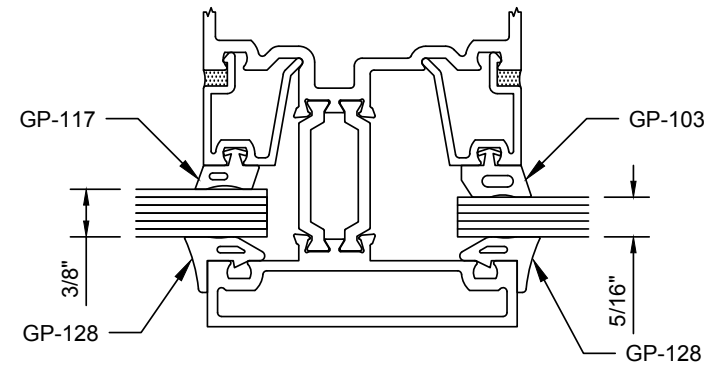
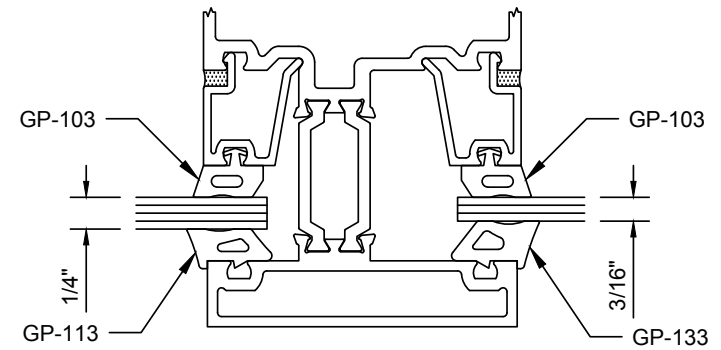
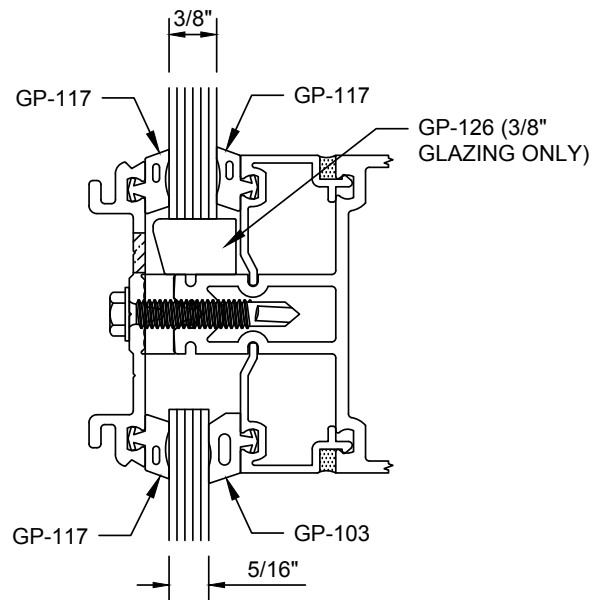
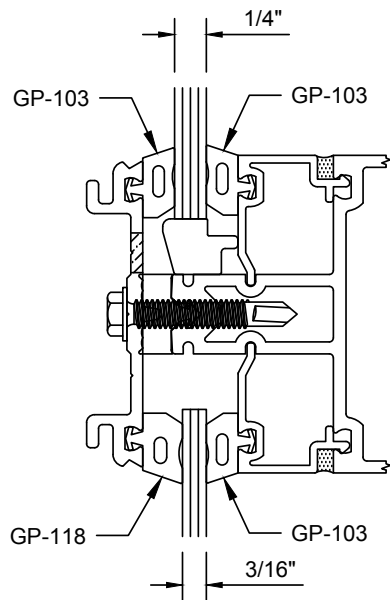
135° OUTSIDE CORNER

6" SYSTEM DEPTH		
MULLION	REAR SPLICE	FRONT SPLICE
WW-420	CW-90	WW-203-01
WW-430	CW-542	WW-203-01
WW-431	CW-542	
WW-438	CW-90	
AW-270	AW-129-01	
WW-233	WW-213-01	

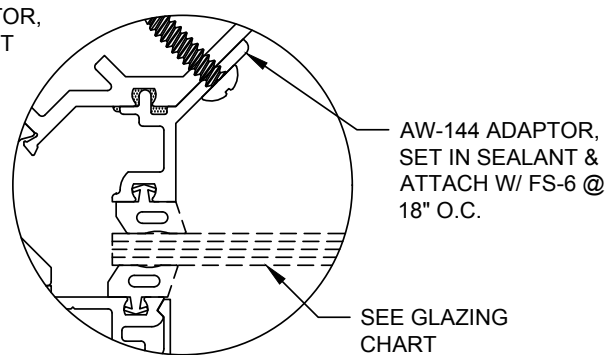
7-1/4" SYSTEM DEPTH		
MULLION	REAR SPLICE	FRONT SPLICE
WW-520	CW-66	WW-203-01
WW-530	CW-1496	WW-203-01
WW-531	CW-1496	
WW-538	CW-66	
AW-270	AW-129-01	
WW-234	WW-214-01	

REFERENCE INSTALLATION MANUAL FOR ADDITIONAL SPLICE INFO.

Reliance™-TC Type I Mullion Splice - H7443



135° CORNER



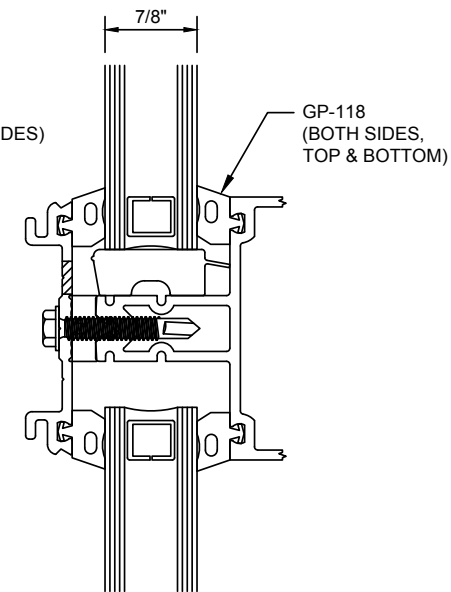
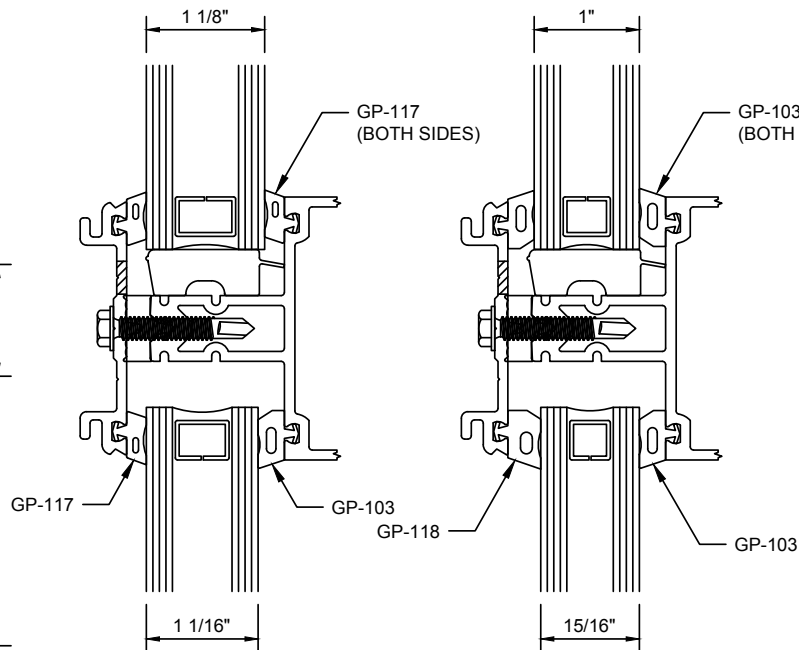
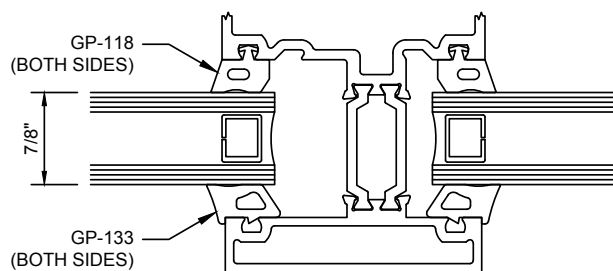
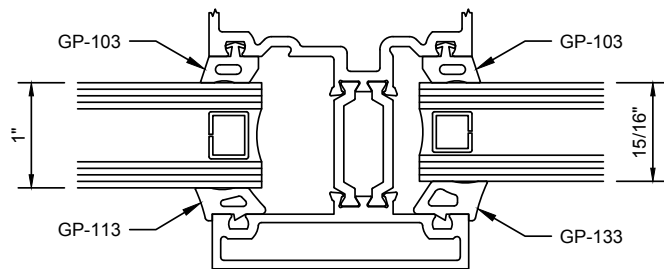
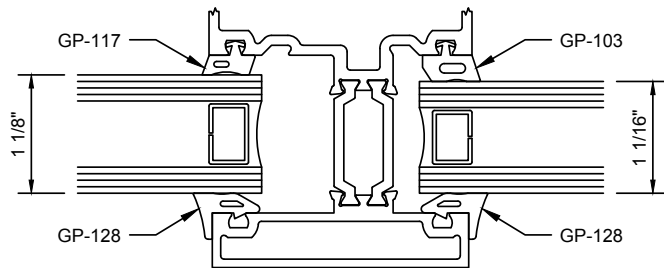
90° CORNER

GLAZING CHART			
INFILL THICKNESS	INTERIOR GASKET	EXTERIOR GASKET (VERTICALS)	EXTERIOR GASKET (HORIZONTALS & CORNERS)
3/16"	GP-103	GP-133	GP-118
1/4"	GP-103	GP-113	GP-103
5/16"	GP-103	GP-128	GP-117
3/8"	GP-117	GP-128	GP-117

NOTES:

- GP-110 SETTING BLOCK IS TYPICAL @ SPANDREL GLAZING U.N.O.
- GLASS POCKET WIDTH WITH ADAPTOR = 3/4"

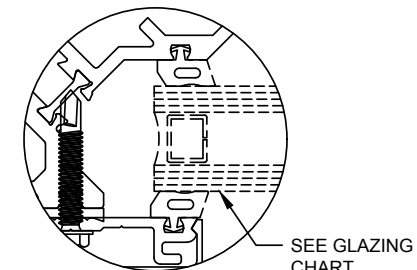
Reliance™-TC Type I Spandrel Glazing Options - H7446



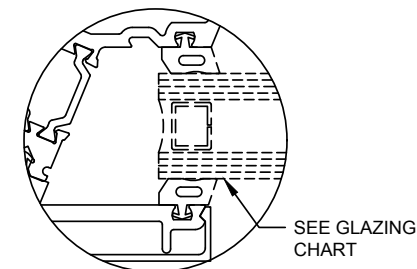
GLAZING CHART			
INFILL THICKNESS	INTERIOR GASKET	EXTERIOR GASKET (HORIZONTALS & CORNERS)	EXTERIOR GASKET (VERTICALS)
7/8" (0.875)	GP-118	GP-118	GP-133
15/16" (0.9375)	GP-118	GP-103	GP-113
1"	GP-103	GP-103	GP-113
1-1/16" (1.0625)	GP-117	GP-103	GP-128
1-1/8" (1.125)	GP-117	GP-117	GP-128

NOTES:

1. GLASS POCKET WIDTH = 1-1/2" TYP.
2. SETTING BLOCK = GP-109 TYP.



90° OUTSIDE CORNER



135° OUTSIDE CORNER

Reliance™-TC Type I

Vision Glazing Options - H7448