

# Oldcastle BuildingEnvelope®

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## RELIANCE™-TC TYPE II (TC HORIZONTALS & VERTICALS) w/ ALUM. PRESSURE PLATES 2-1/2" X 6" W/ 1" TYPICAL INFILL

*(Drawing numbers---i.e., H6501---used as CAD detail reference only)*

### Elevation

#### **Horizontal Details**

H6501	Head
H6504	Sill
H6505	Intermediate Horizontal
H6508	Roll-Over Horizontal
H6509	Roll-Under Horizontal
H6518	Horizontal at Operable Window (Pocket Frame)
H6519	Horizontal at Operable Window (Flat Frame)

#### **Vertical Details**

V6501	Jamb
V6502	Typical Vertical
V6505	Heavy Vertical
V6509	Vertical at Operable Window
V6552	SSG Vertical

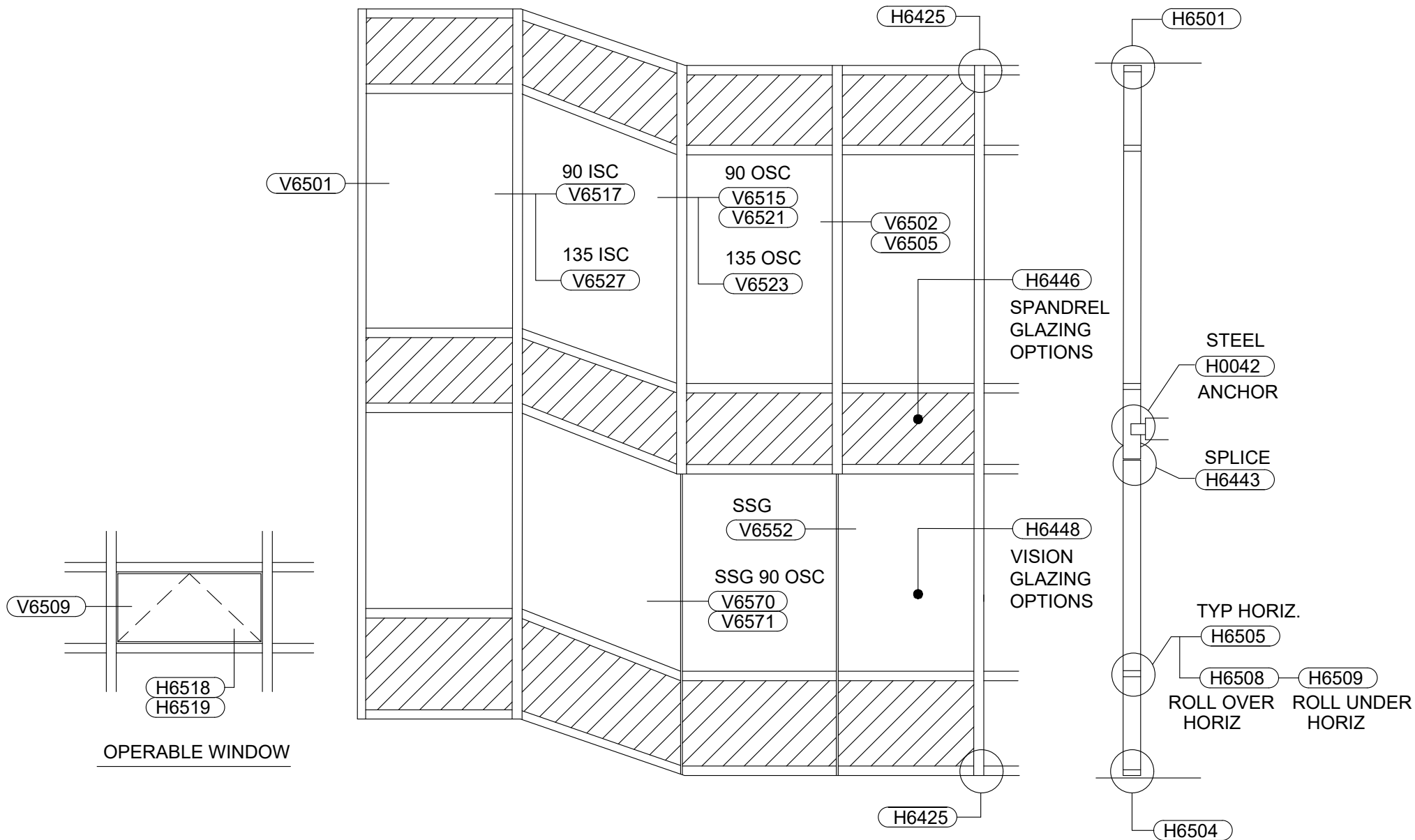
#### **Corner Details**

V6515	90° Outside Corner - 2 Mullion
V6517	90° Inside Corner - 2 Mullion
V6521	90° Outside Corner
V6523	135° Outside Corner
V6527	135° Inside Corner - 2 Mullion
V6570	SSG 90° Outside Corner Option 1
V6571	SSG 90° Outside Corner Option 2

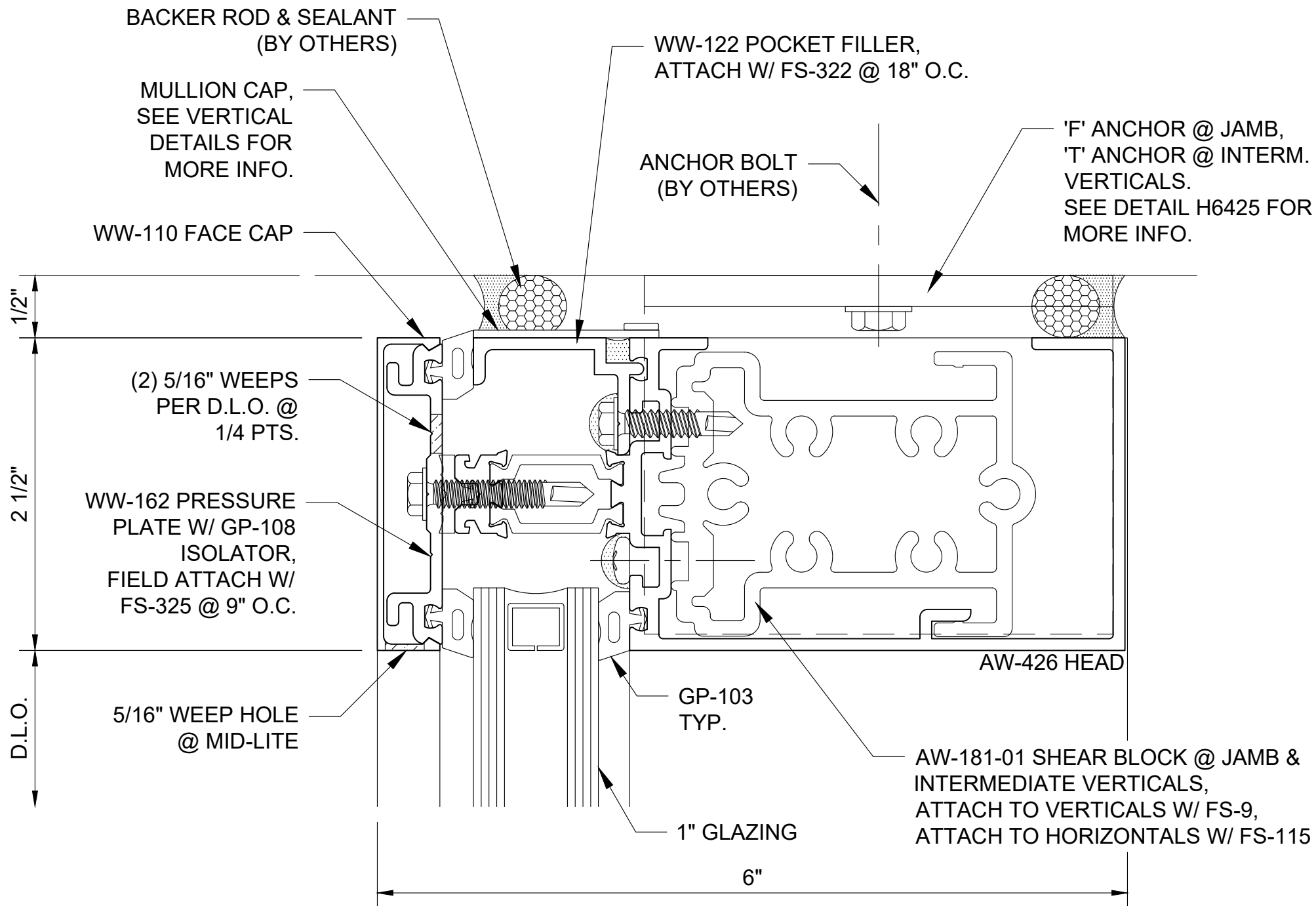
#### **Misc. Details**

H0042	Steel Anchoring
H6425	'F' & 'T' Anchoring
H6443	Mullion Splicing
H6446	Spandrel Glazing Options
H6448	Vision Glazing Options

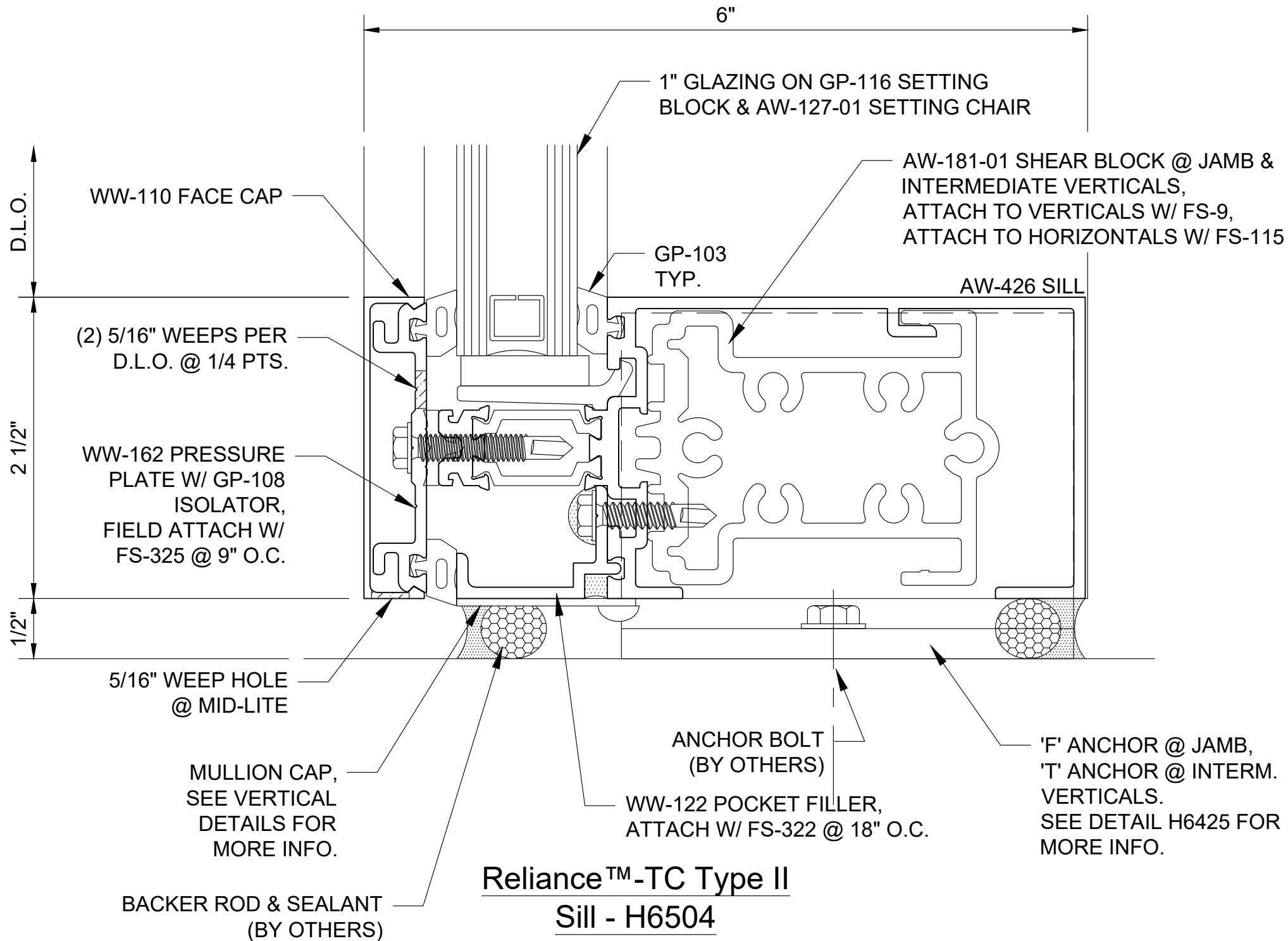
## Table of Contents

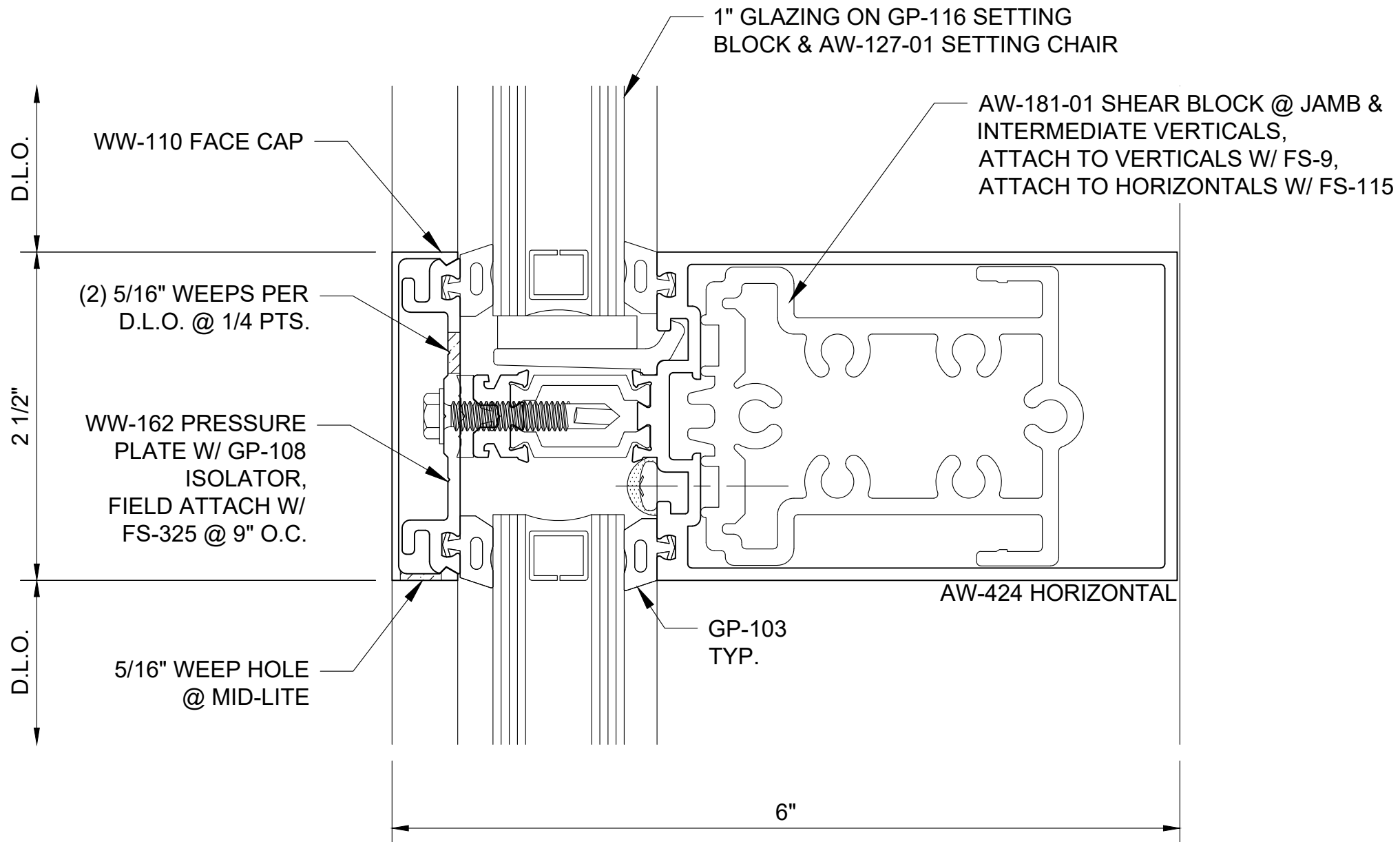


## Reliance™-TC Type II - TC Horizontal & Verticals w/ Alum. Pressure Plates 2-1/2" x 6" w/ 1" Glazing - Elevation

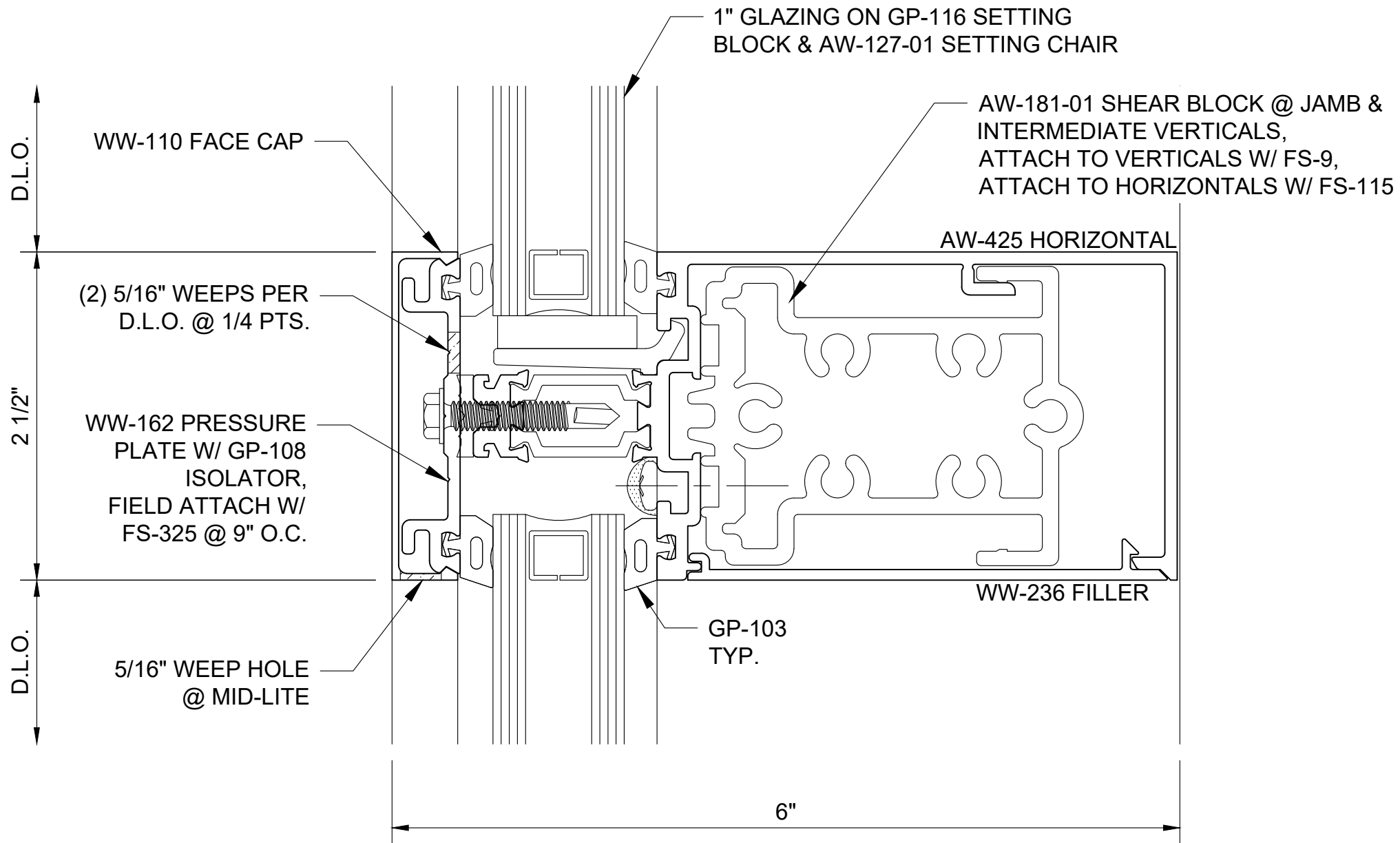


**Reliance™-TC Type II**  
**Head - H6501**

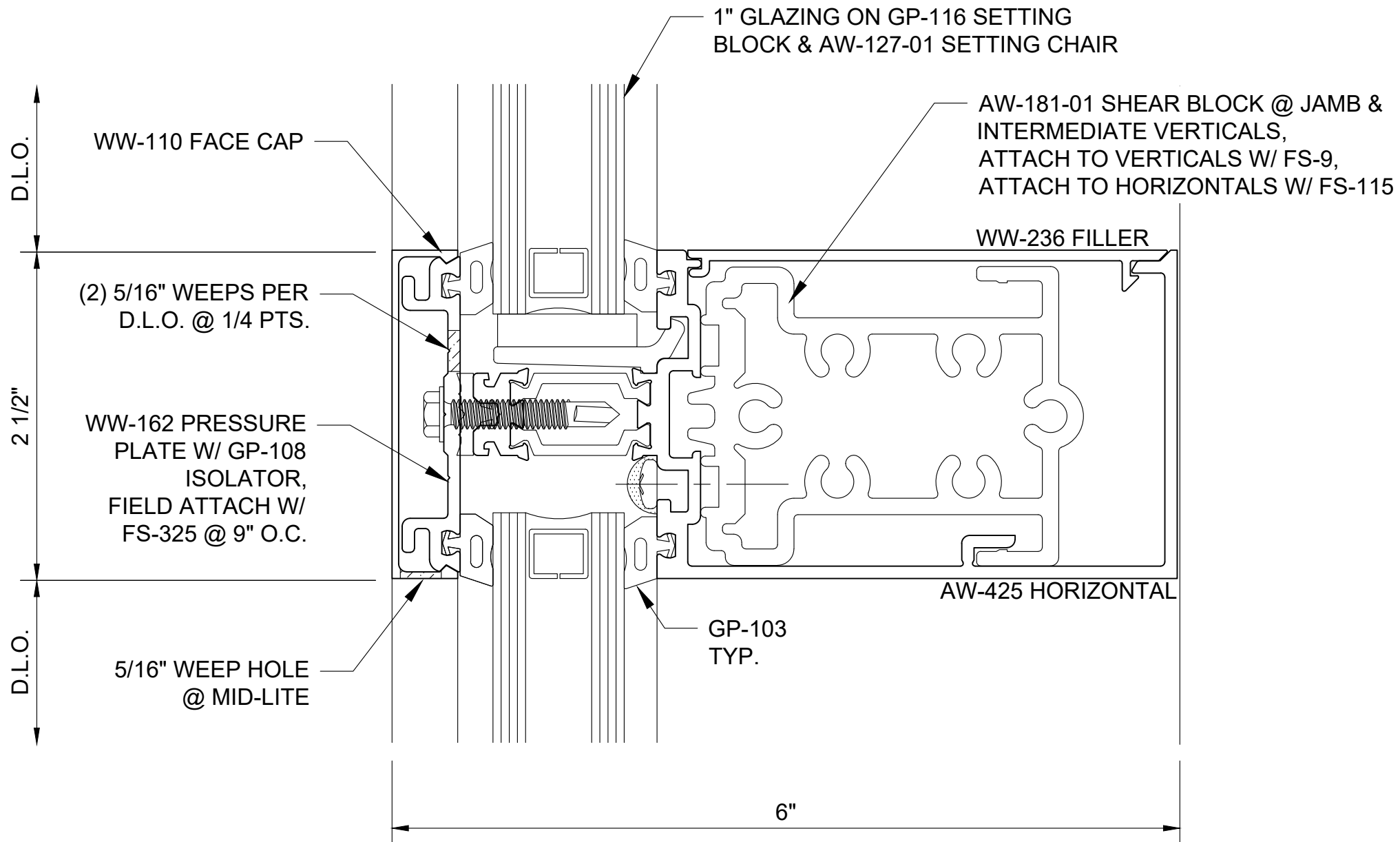




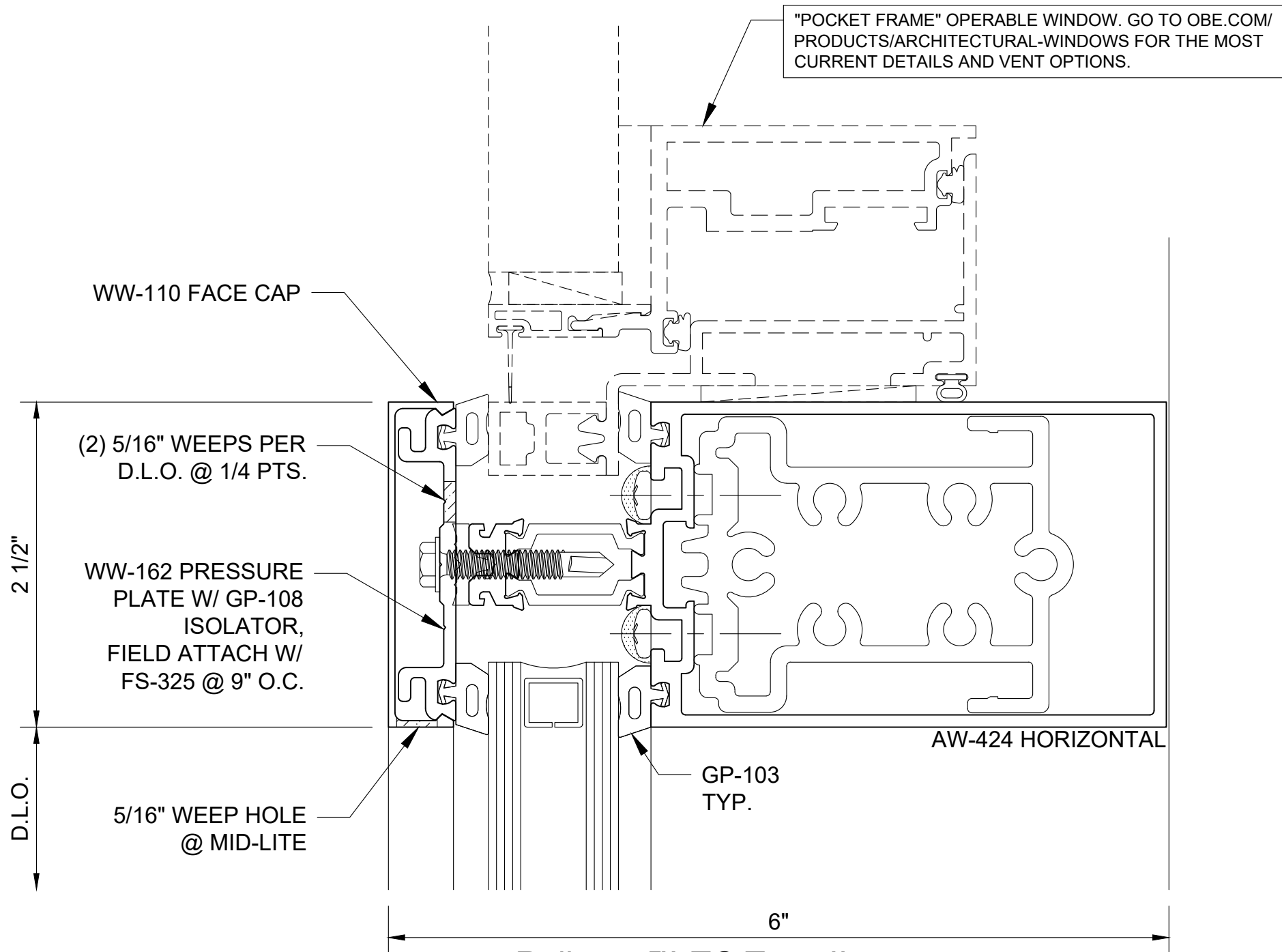
**Reliance™-TC Type II**  
**Intermediate Horizontal - H6505**



**Reliance™-TC Type II**  
**Roll-Over Horizontal - H6508**

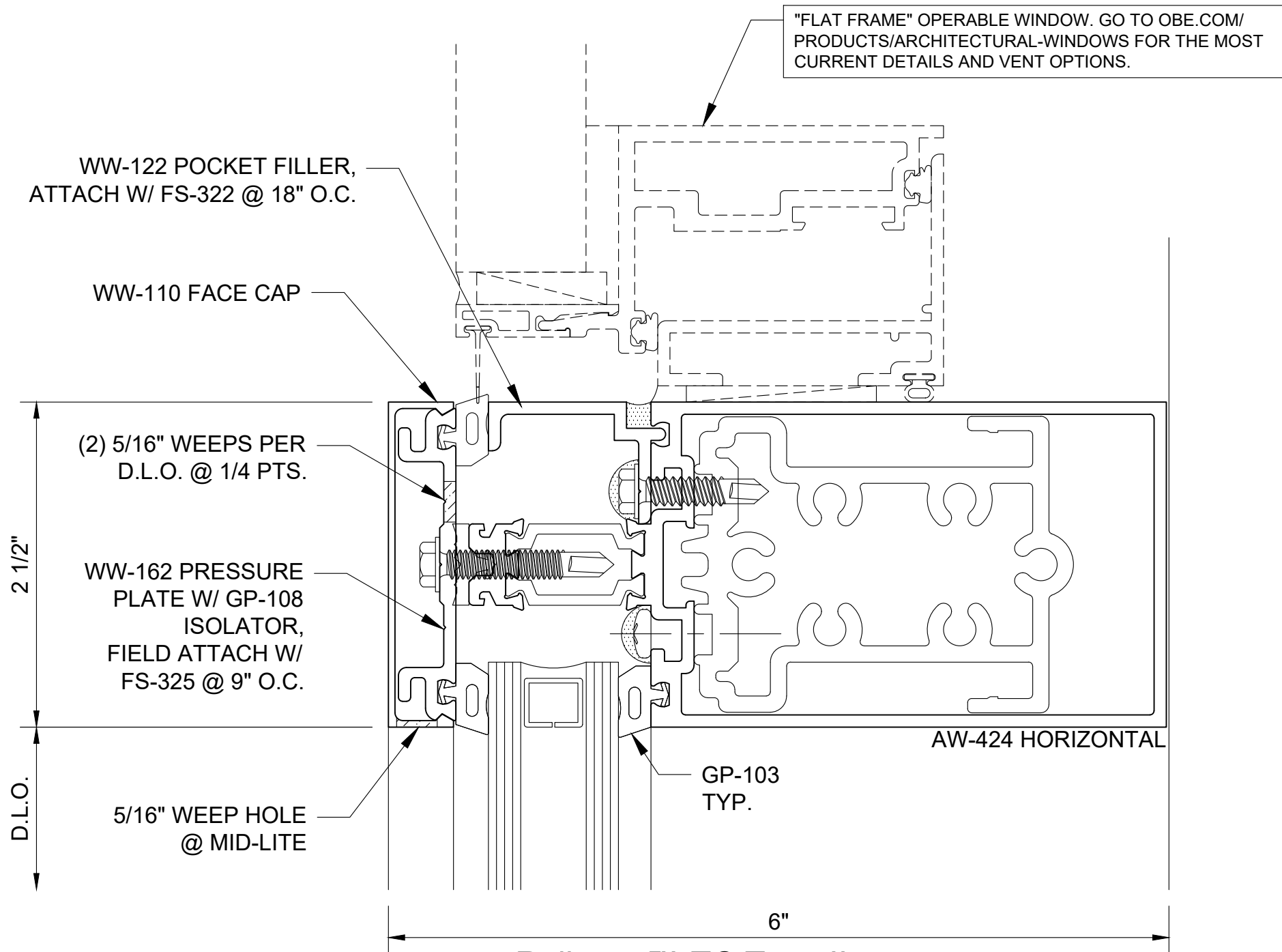


**Reliance™-TC Type II**  
**Roll-Under Horizontal - H6509**

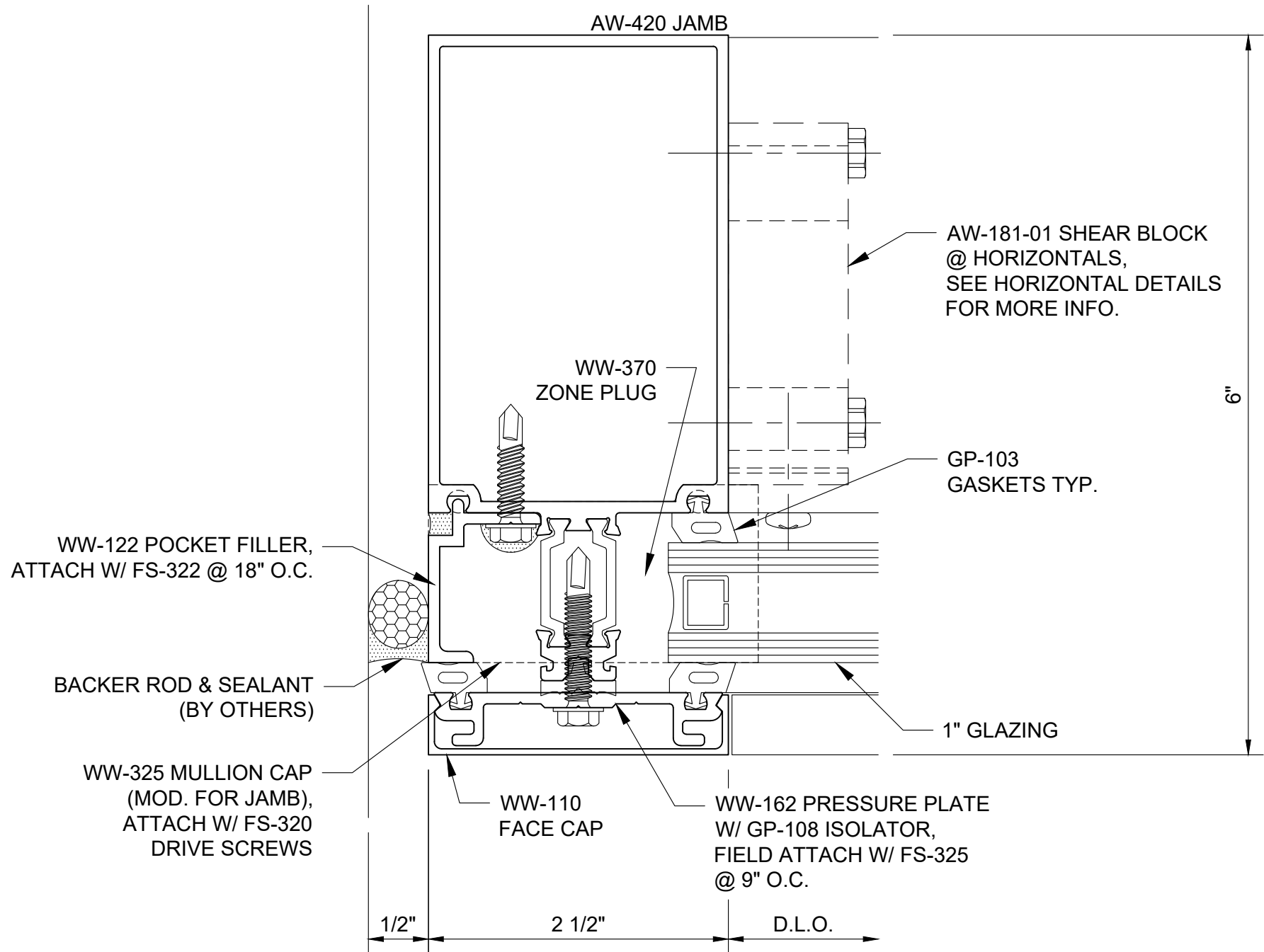


**Reliance™-TC Type II**  
**Horizontal at Operable Window - H6518**

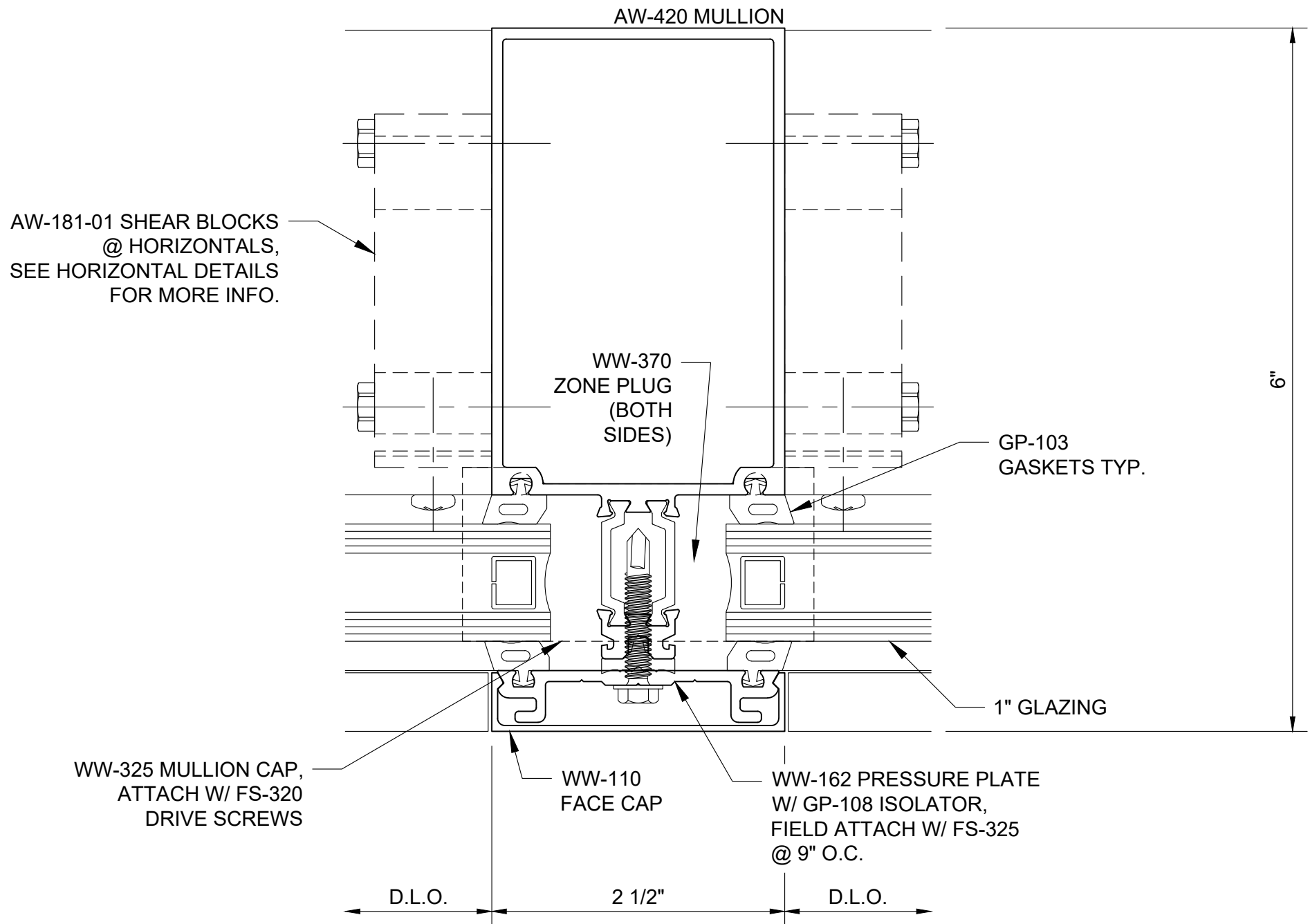




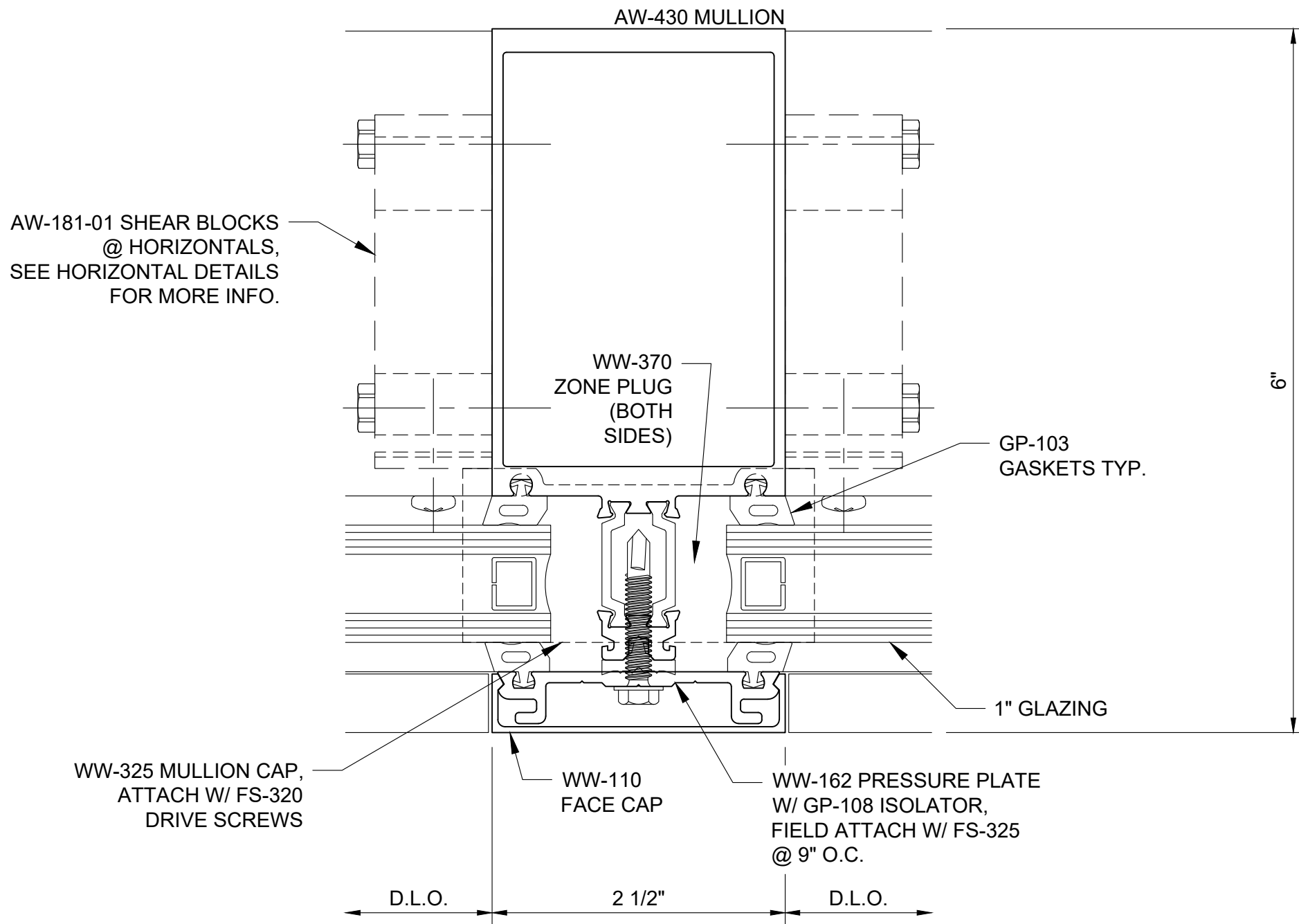
**Reliance™-TC Type II**  
**Horizontal at Operable Window - H6519**



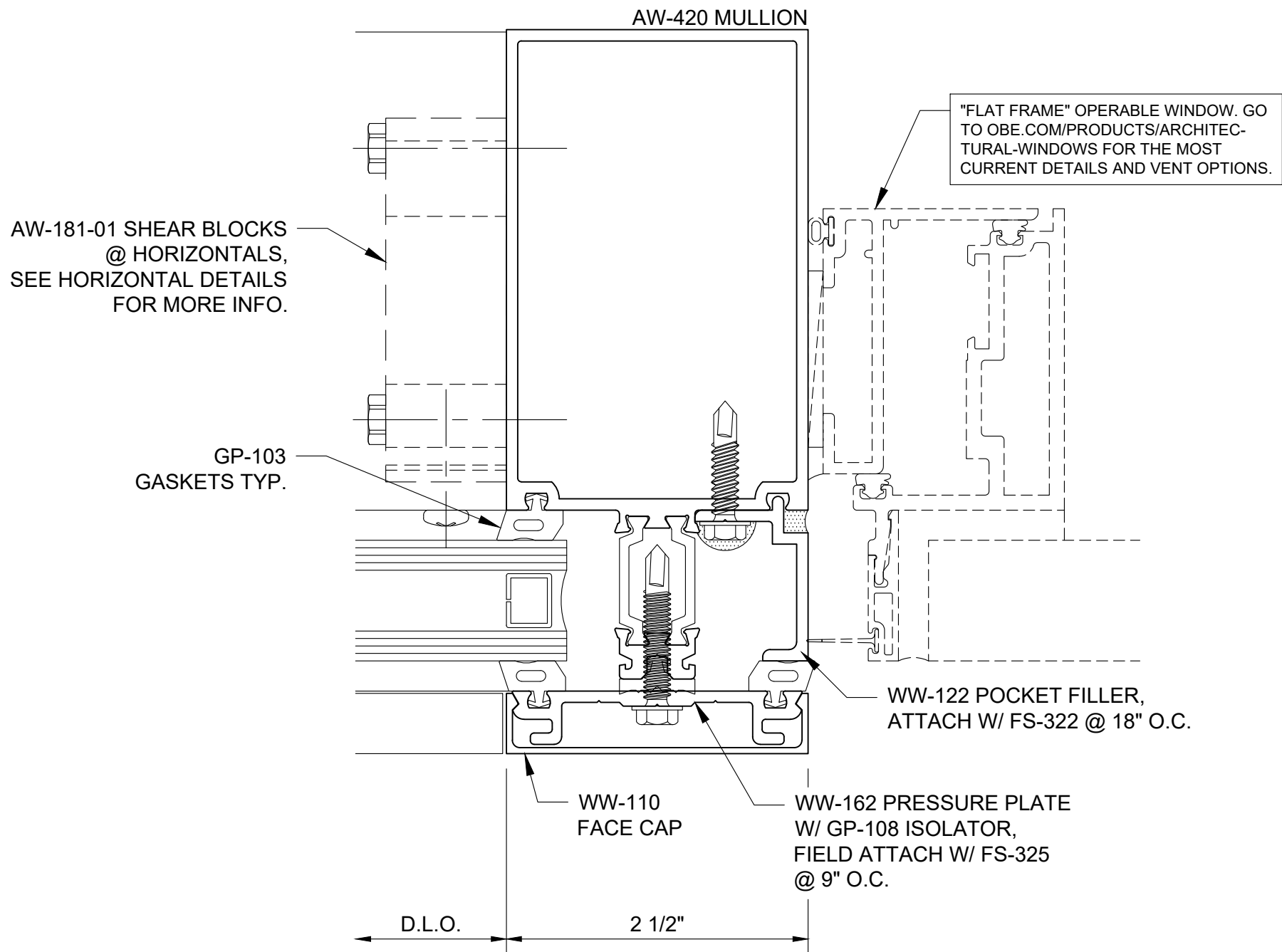
## Reliance™-TC Type II Jamb - V6501



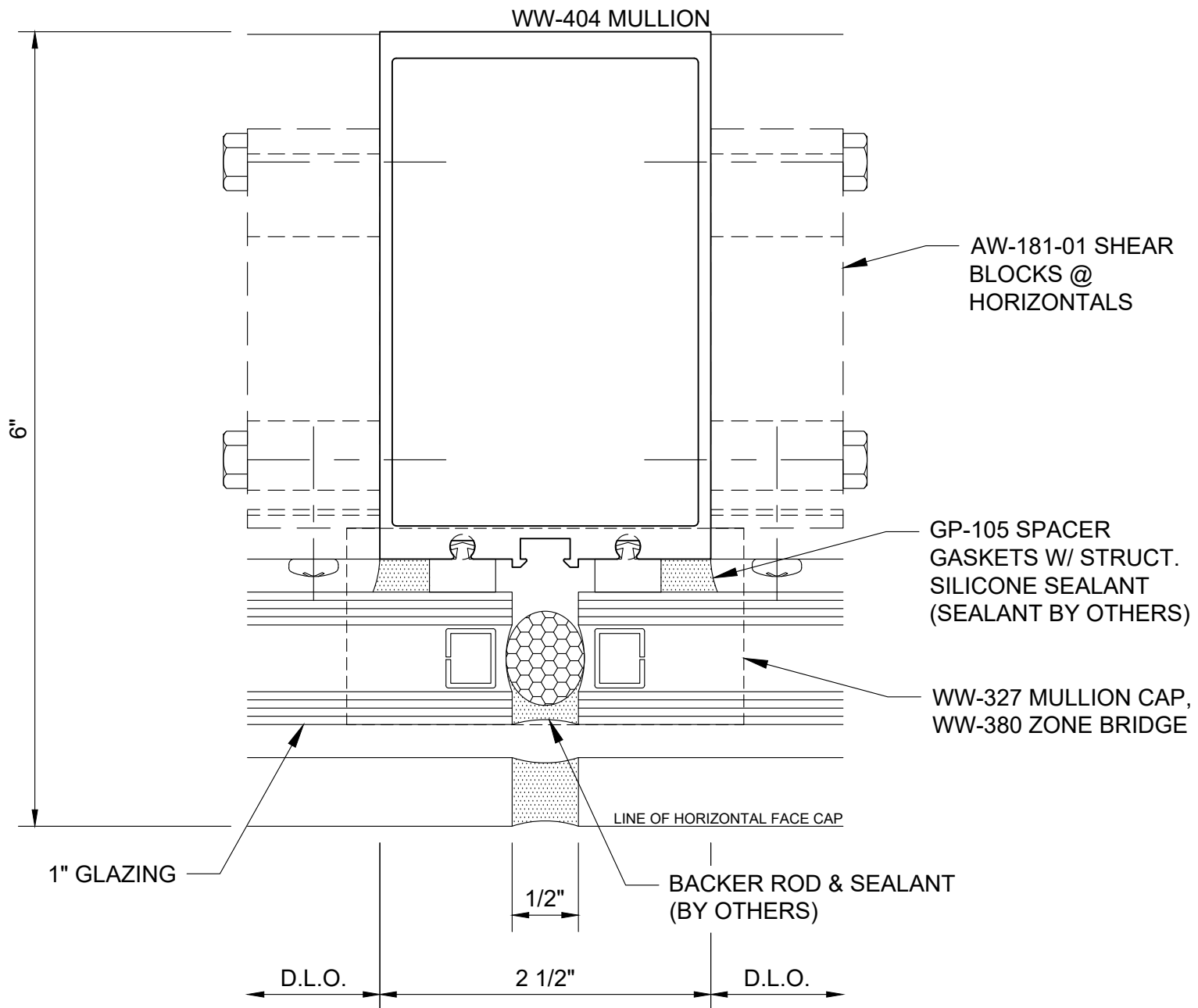
## Reliance™-TC Type II Intermediate Vertical - V6502



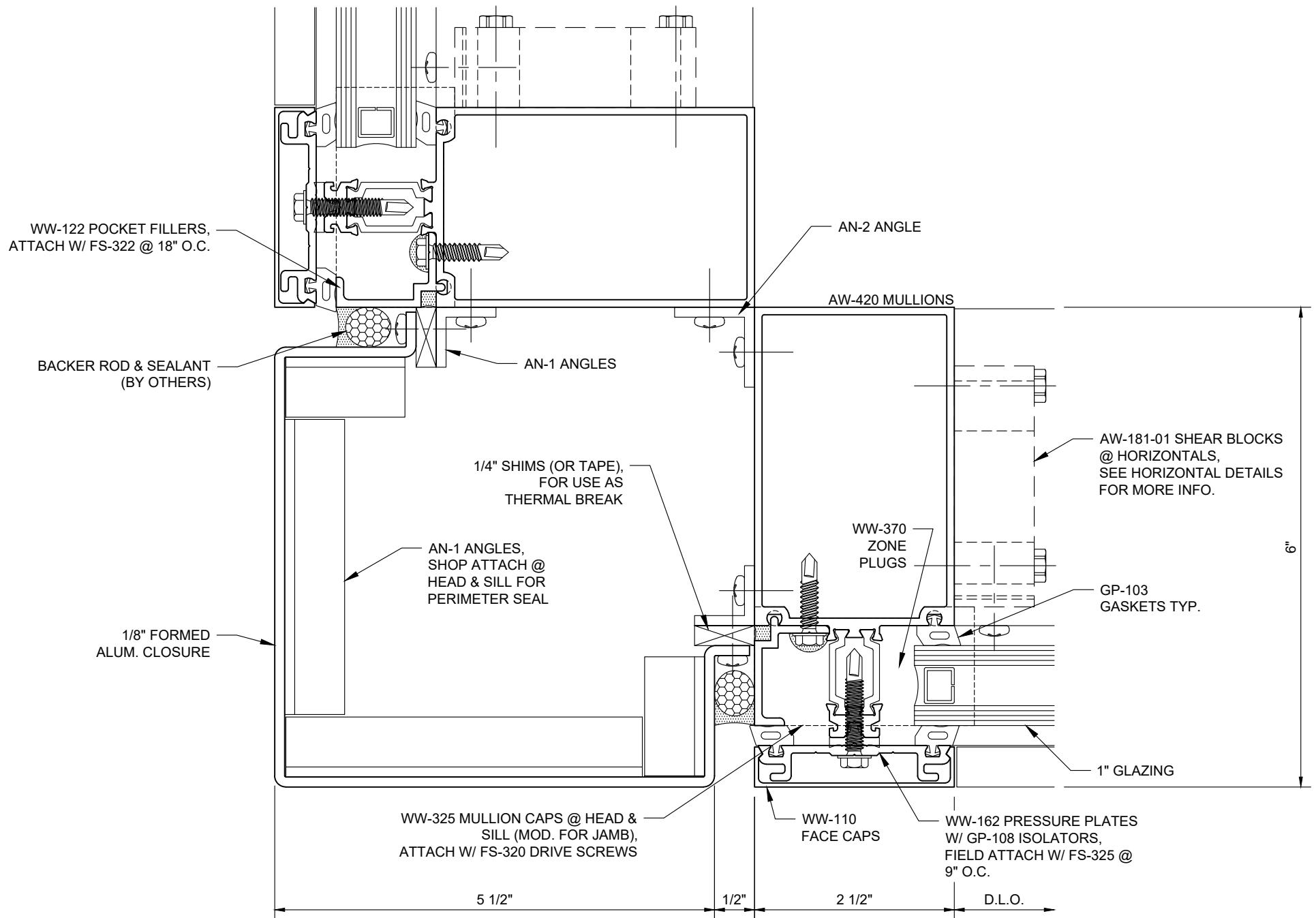
## Reliance™-TC Type II Heavy Vertical - V6505



**Reliance™-TC Type II**  
**Vertical at Operable Window - V6509**

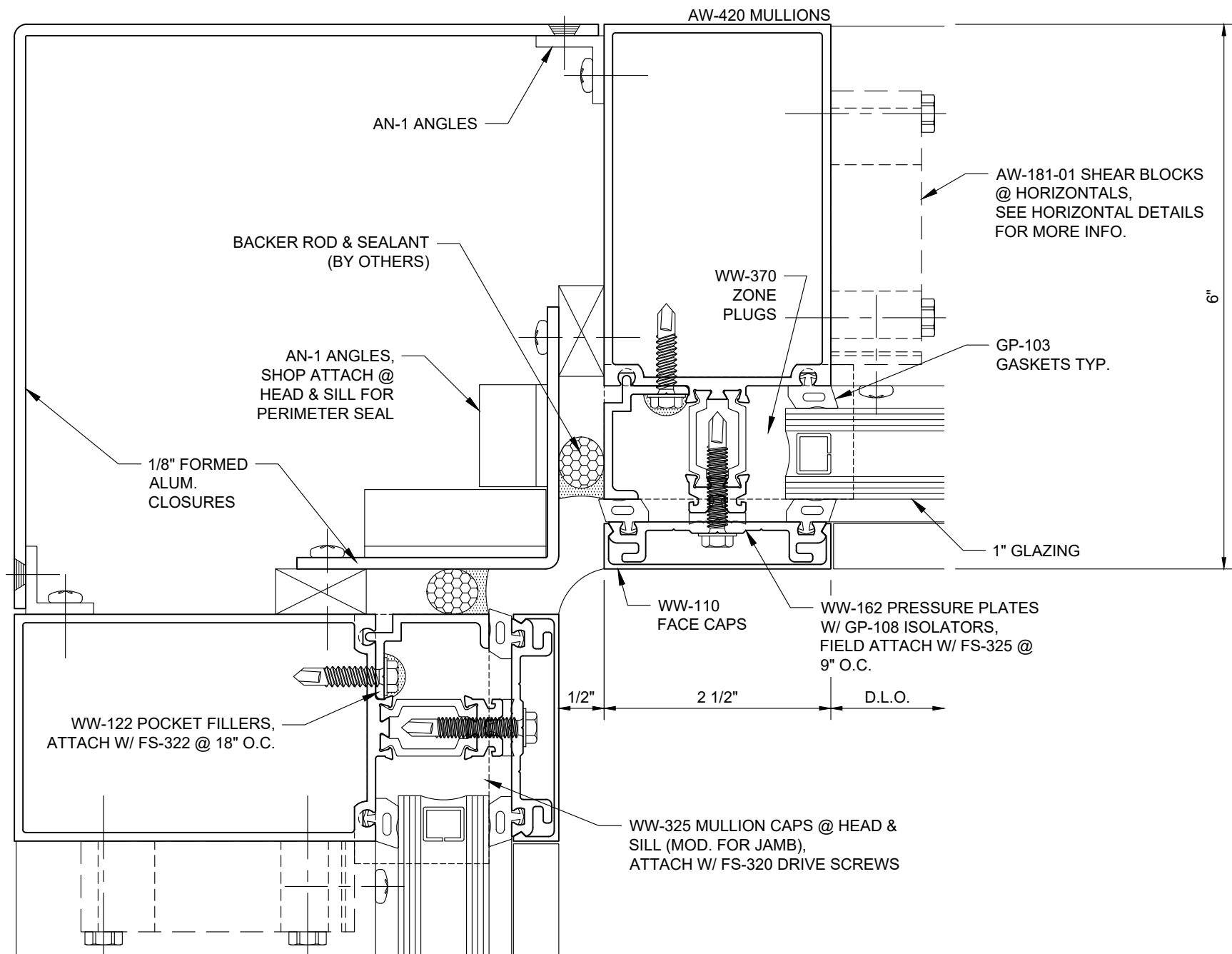


## Reliance™-TC Type II SOG Vertical - V6552



## Reliance™-TC Type II

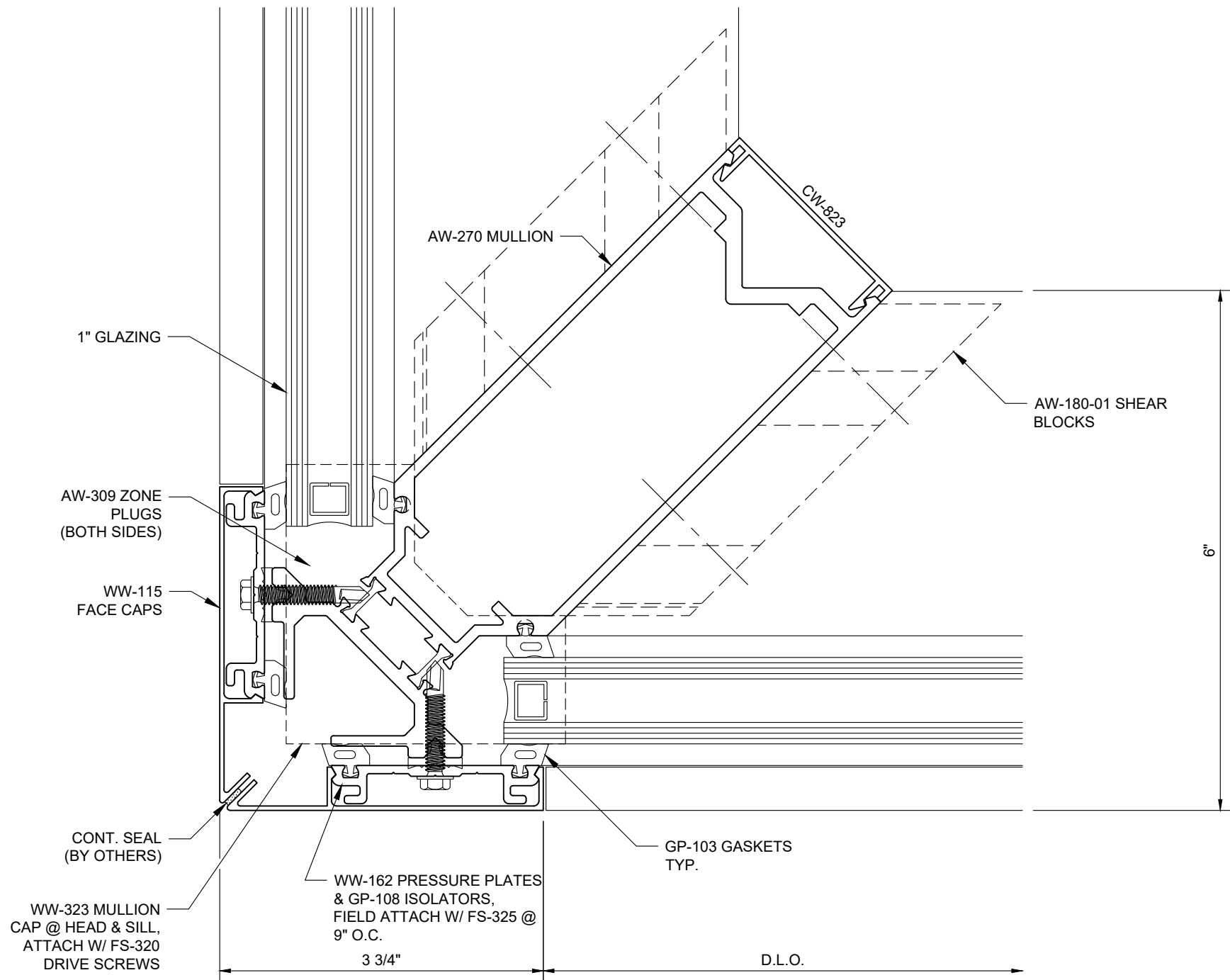
### 90° Outside Corner - V6515



## Reliance™-TC Type II

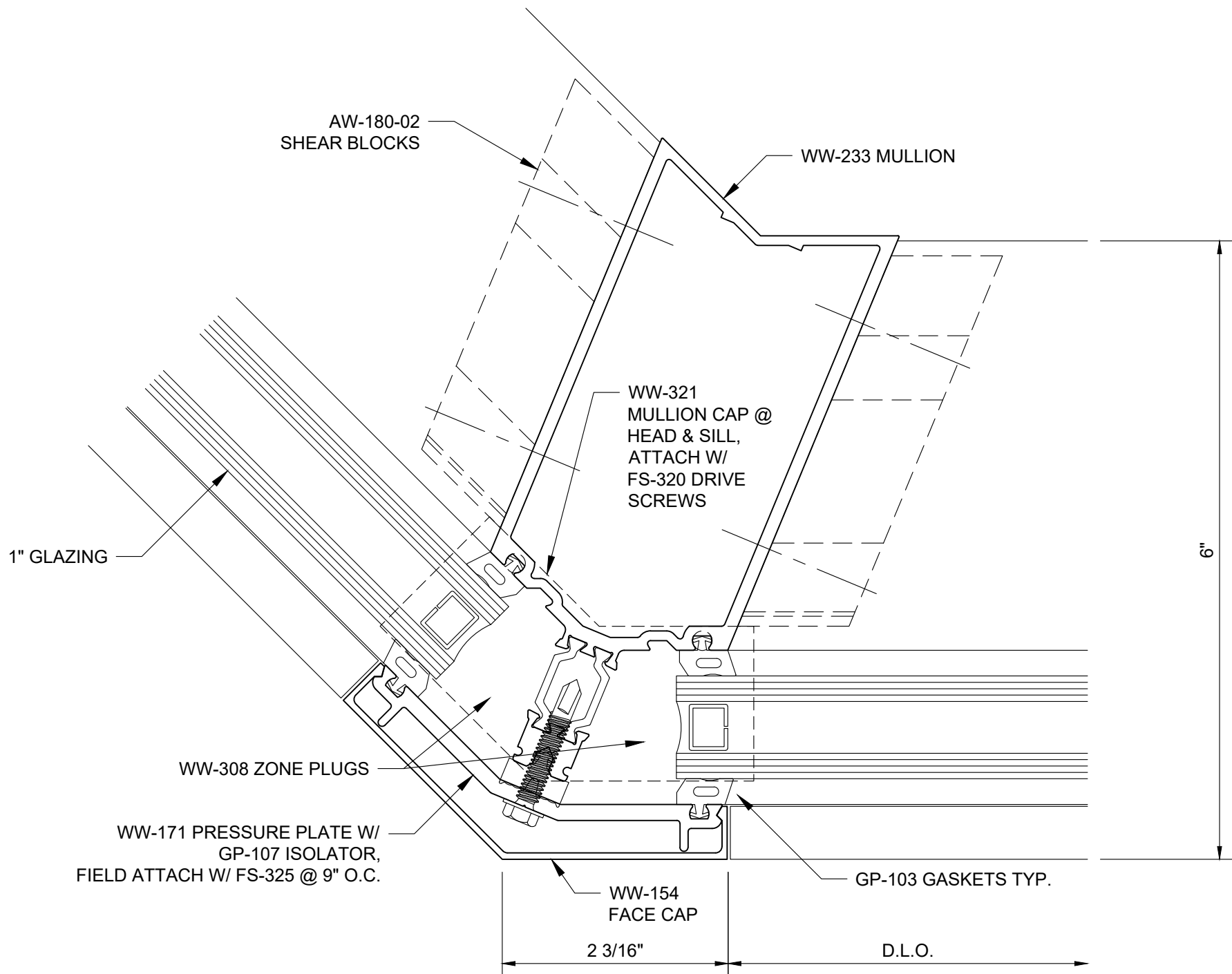
### 90° Inside Corner - V6517



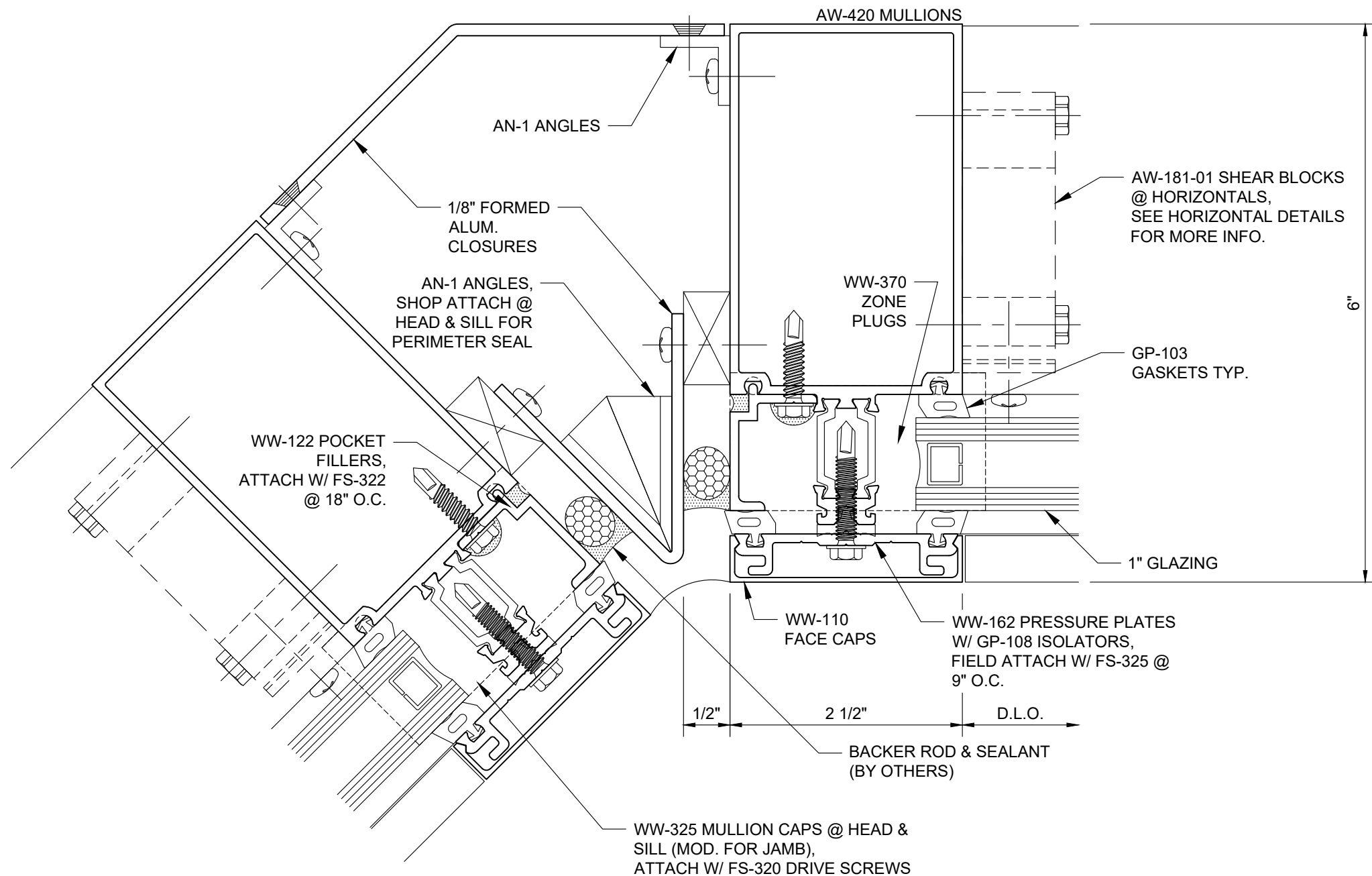


## Reliance™-TC

### 90° Outside Corner - V6521

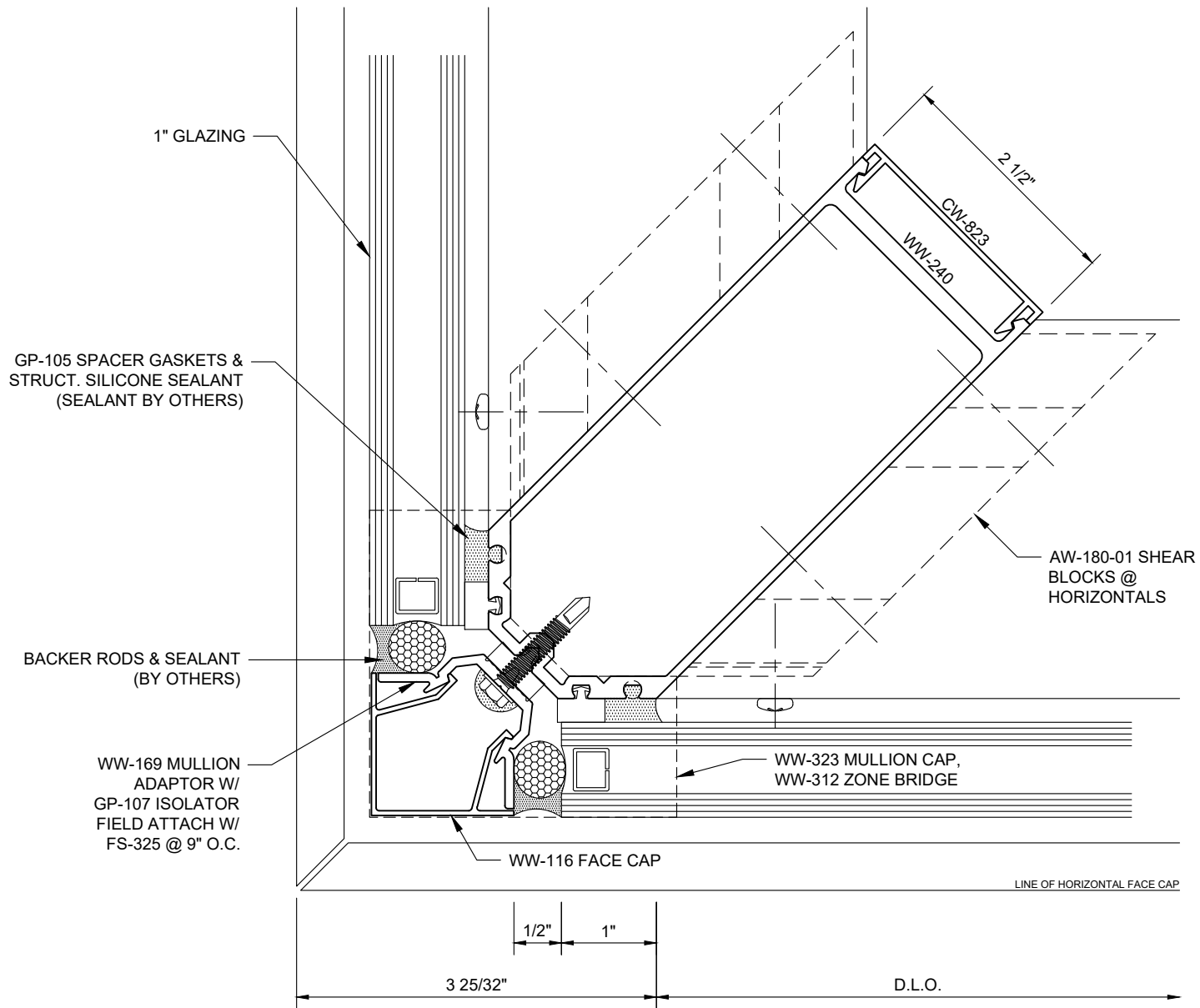


**Reliance™-TC Type II**  
**135° Outside Corner - V6523**

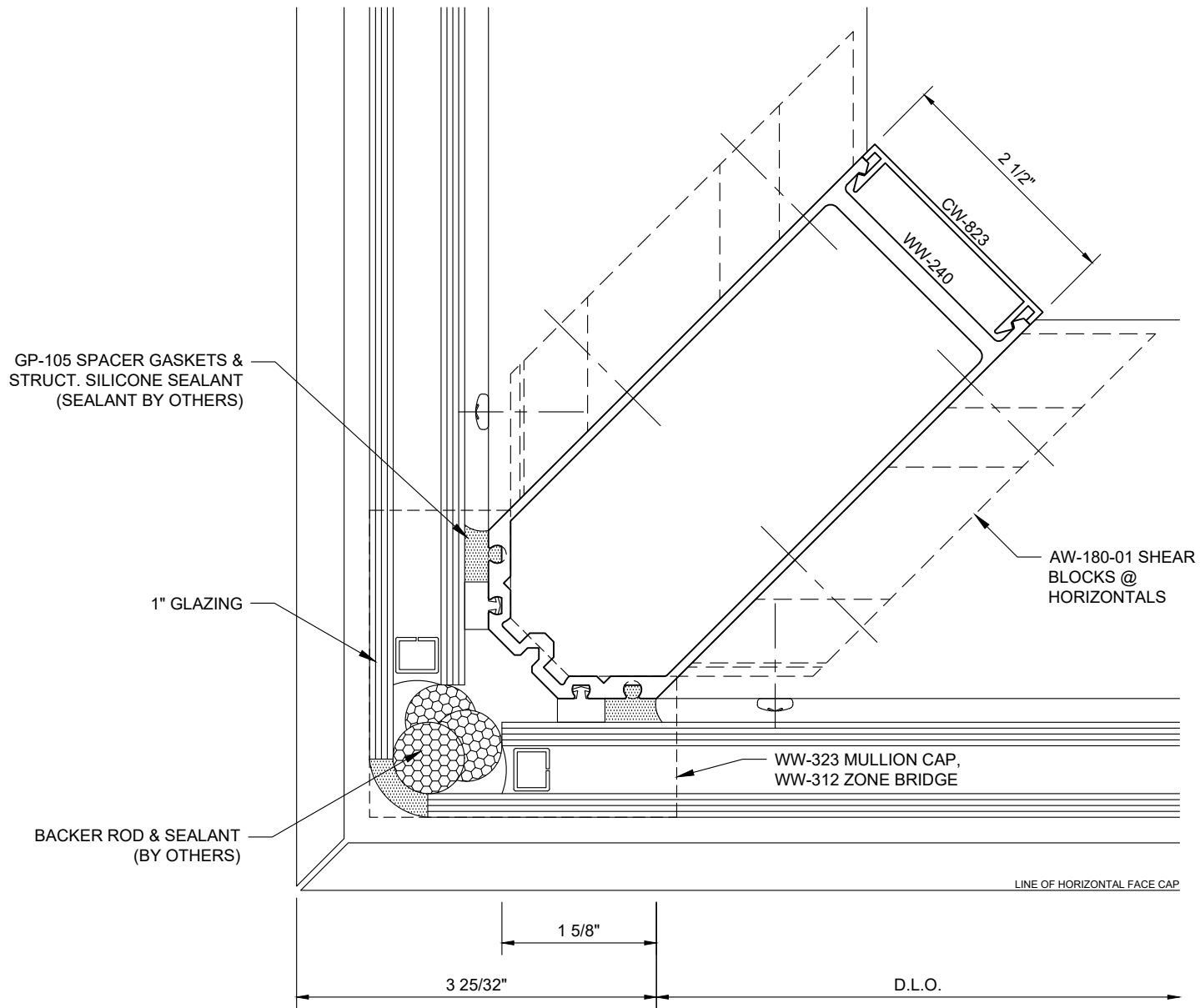


## Reliance™-TC Type II

### 135° Inside Corner - V6527



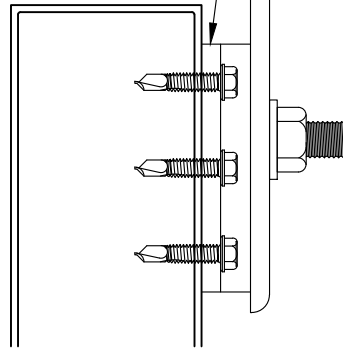
## Reliance™-TC Type II SSG 90° Outside Corner w/ Cap - V6570



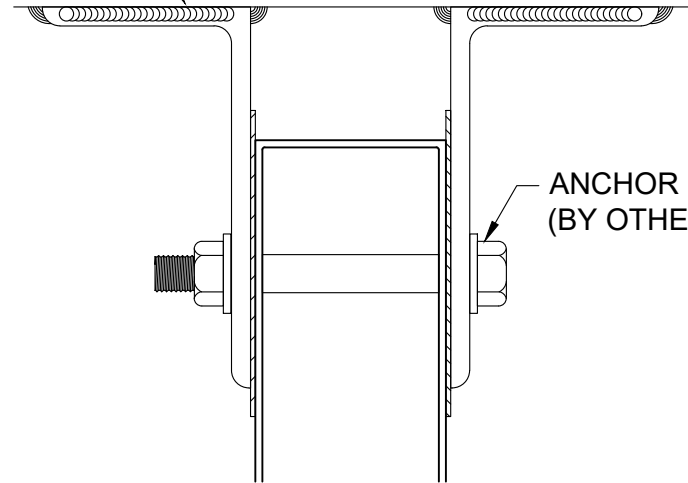
**Reliance™-TC Type II**  
**SSG 90° Outside Corner - V6571**

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)



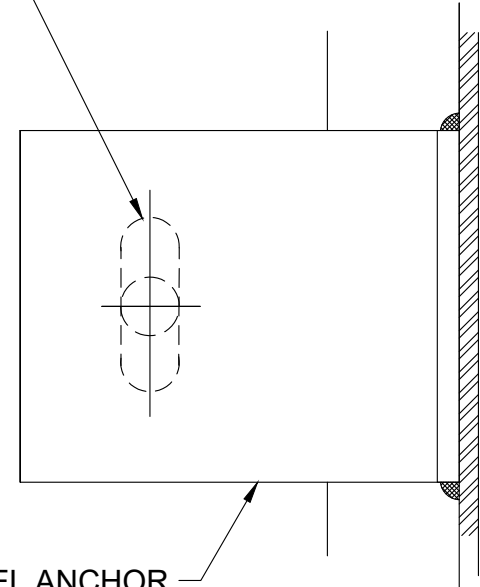
Plan View  
Jamb Option



Plan View  
Intermediate Mullion

ANCHOR BOLT  
(BY OTHERS)

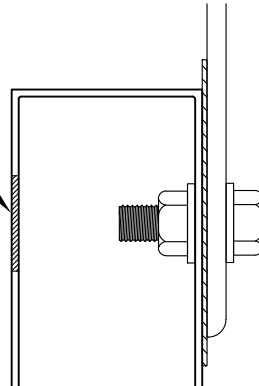
HOLE IN ANCHOR @ DEAD LOAD  
SLOT IN ANCHOR @ WIND LOAD



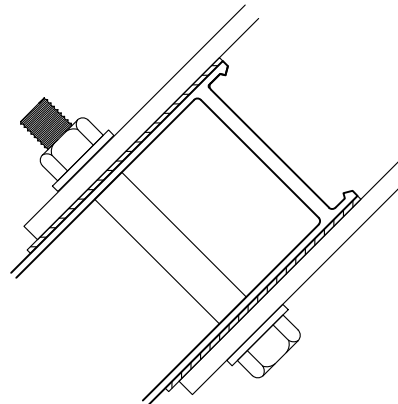
Side View

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

ACCESS HOLE

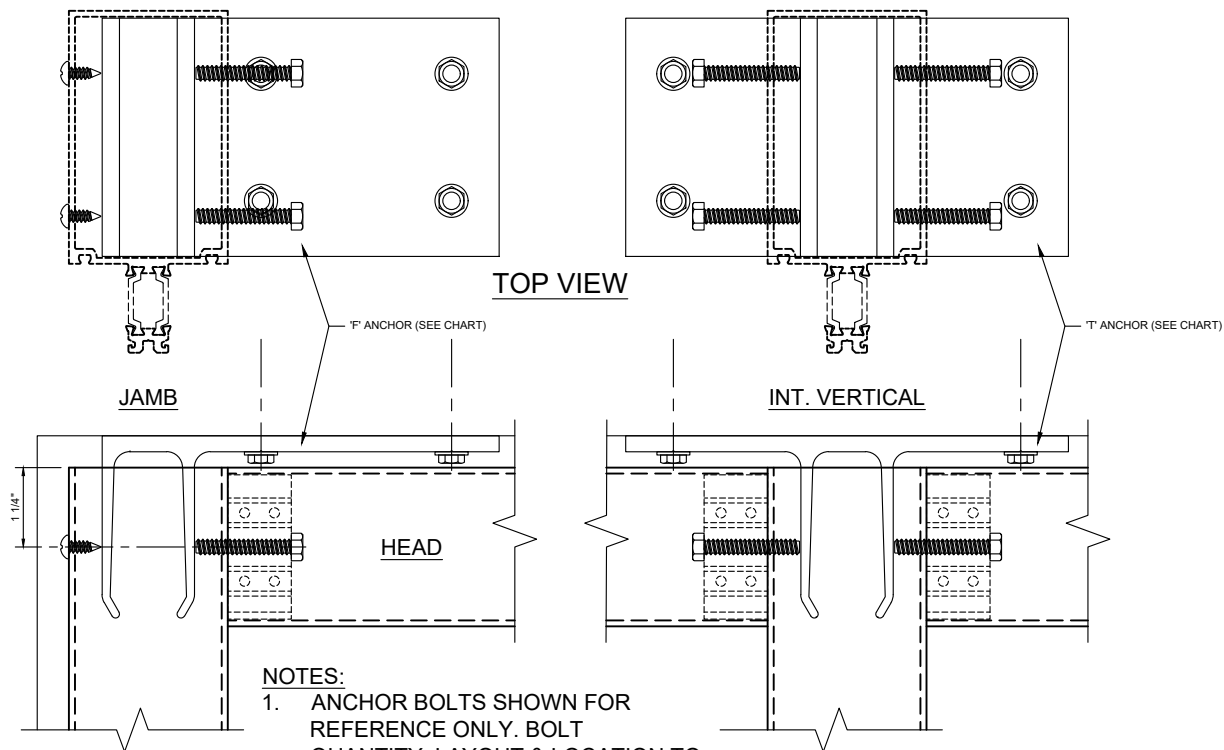


Plan View  
Jamb Option

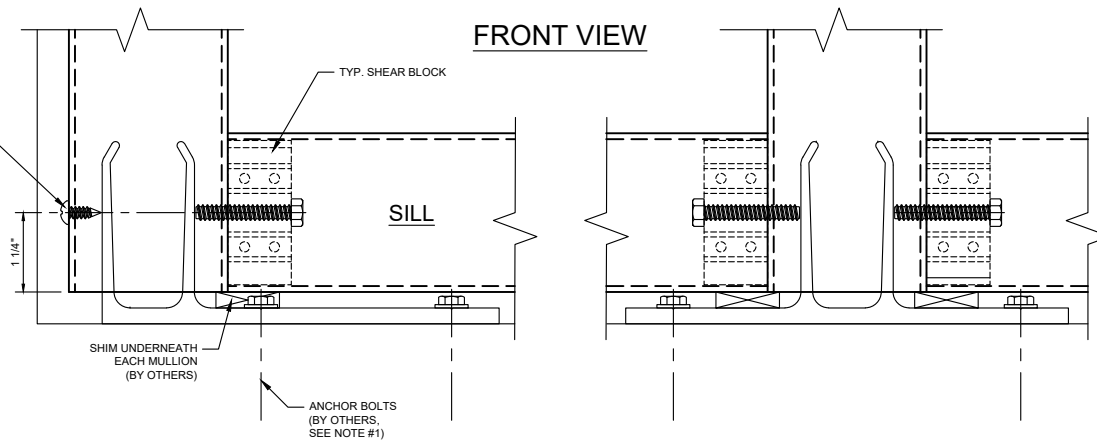


Plan View  
Single Mull Corners

## Standard Curtain Wall Steel Anchor - H0042



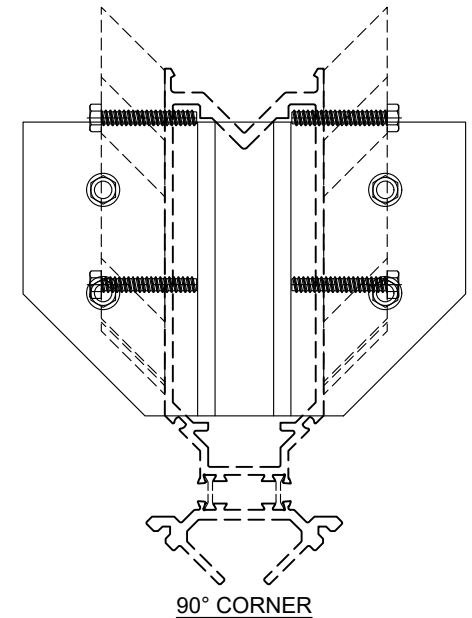
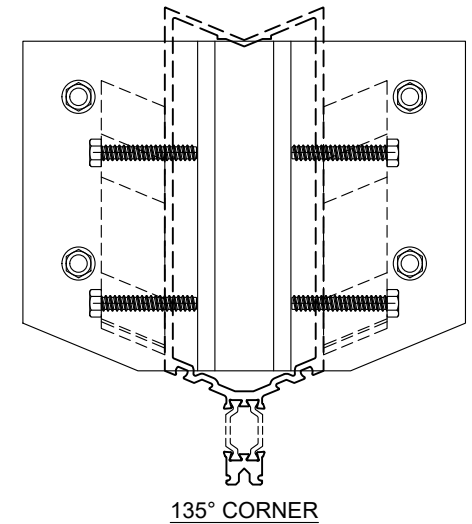
**NOTES:**  
 1. ANCHOR BOLTS SHOWN FOR REFERENCE ONLY. BOLT QUANTITY, LAYOUT & LOCATION TO BE DETERMINED PER PROJECT VIA STRUCTURAL REVIEW.



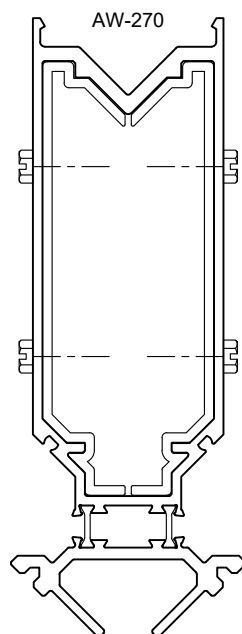
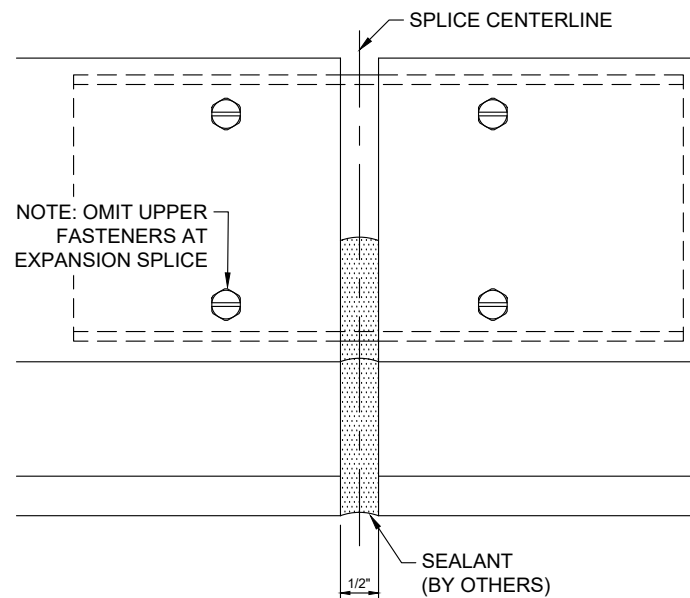
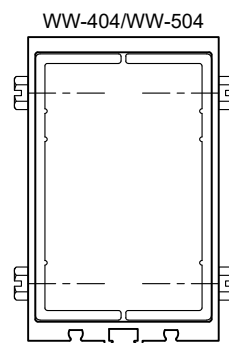
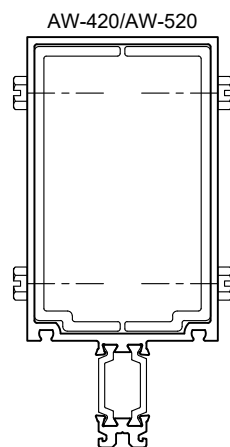
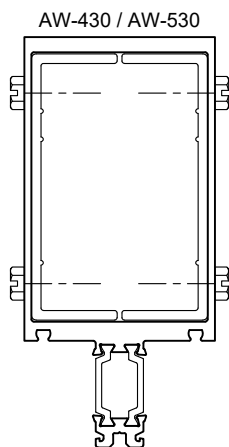
FS-55 (#10 X 1/2\" PPH),  
 (2) AT EACH HEAD & SILL,  
 LOCATED OPPOSITE FS-9  
 SHEAR BLOCK FASTENERS

6\" SYSTEM DEPTH		
MULLION	'F' ANCHOR	'T' ANCHOR
AW-420	WW-103-03	WW-102-03
AW-430	WW-103-08	WW-102-11
AW-270	---	WW-102-22
WW-233	---	WW-102-14
WW-404		WW-102-04

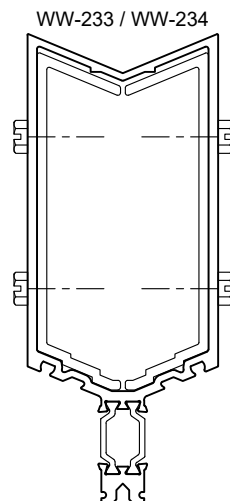
## Reliance™-TC Type II 'F' & 'T' Anchors - H6425



7-1/4\" SYSTEM DEPTH		
MULLION	'F' ANCHOR	'T' ANCHOR
AW-520	WW-103-01	WW-102-01
AW-530	WW-103-07	WW-102-10
AW-270	---	WW-102-22
WW-234	---	WW-102-13
WW-504		WW-102-02



90° OUTSIDE CORNER



135° OUTSIDE CORNER

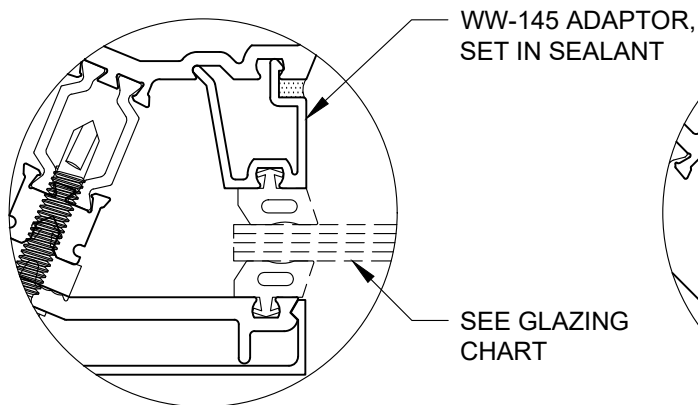
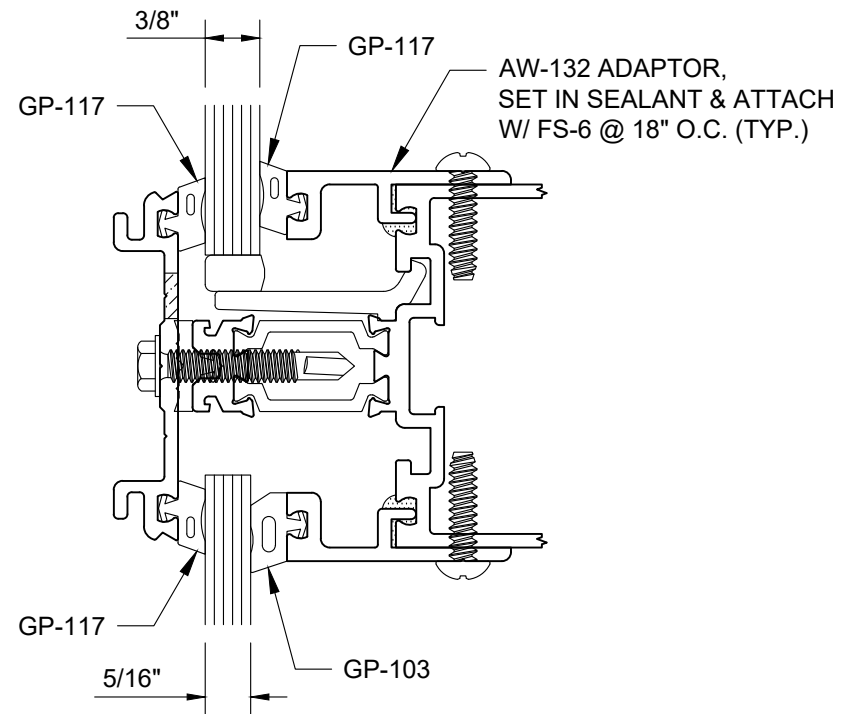
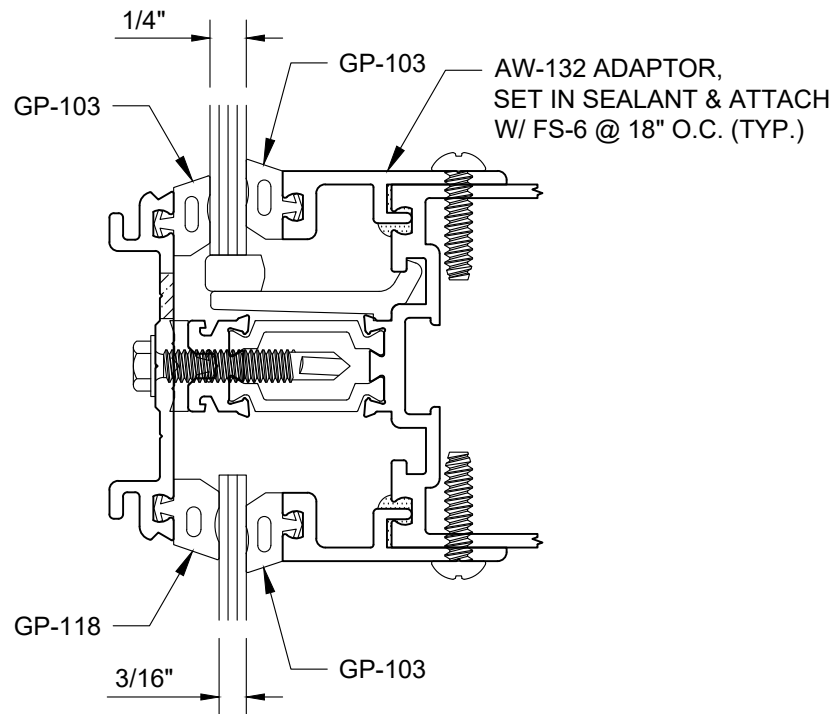
6" SYSTEM DEPTH	
MULLION	REAR SPLICE
AW-420	WW-193-01
AW-430	WW-192-01
AW-270	AW-129-01
WW-233	WW-213-01
WW-404	WW-192-01

7-1/4" SYSTEM DEPTH	
MULLION	REAR SPLICE
AW-520	WW-194-01
AW-530	CW-74
AW-270	AW-129-01
WW-234	WW-214-01
WW-504	CW-74

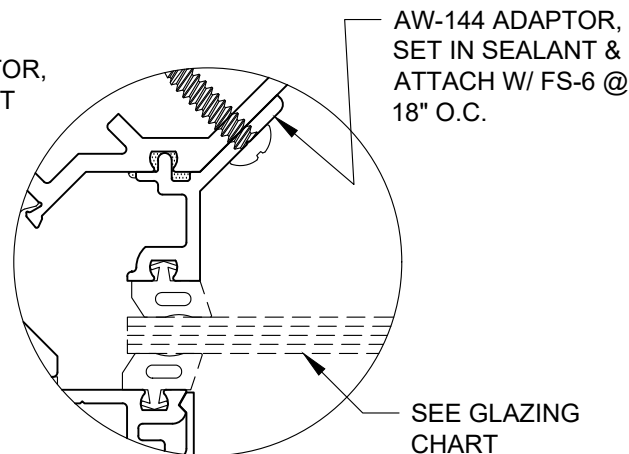
REFERENCE INSTALLATION MANUAL FOR ADDITIONAL SPLICE INFO.

## Reliance™-TC Type II Mullion Splice - H6443





135° CORNER



90° CORNER

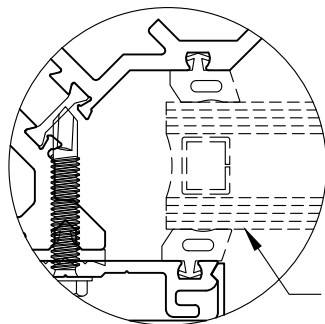
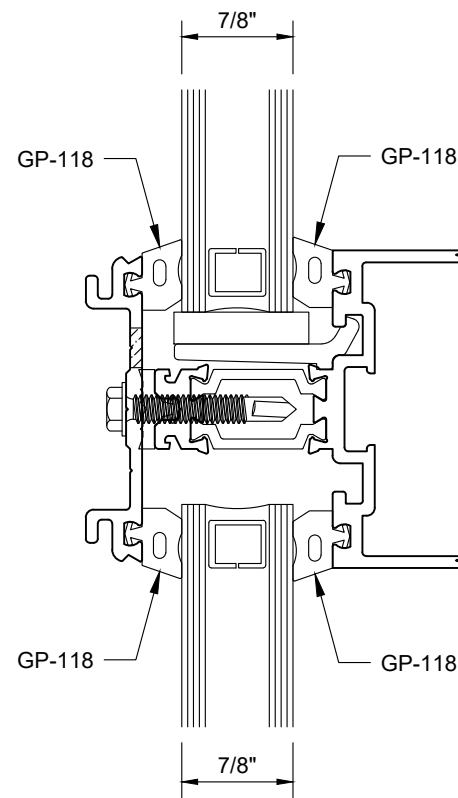
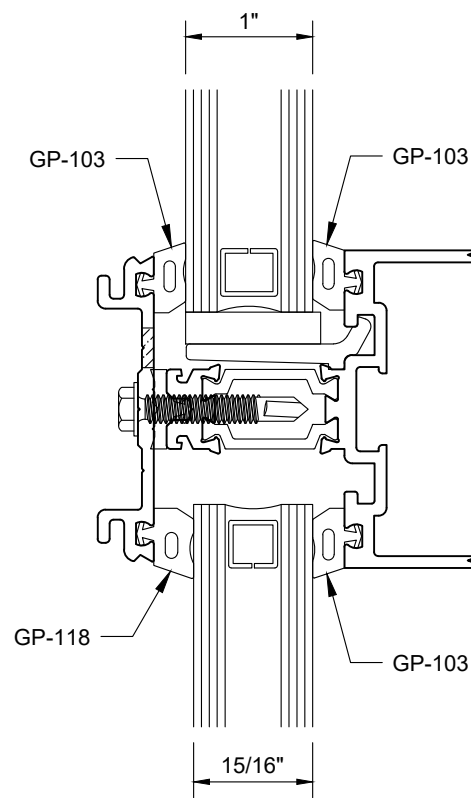
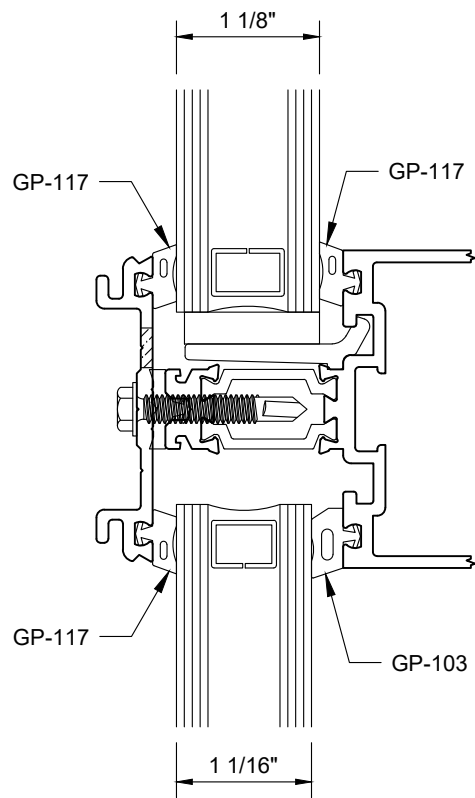
### GLAZING CHART

INFILL THICKNESS	INTERIOR GASKET	EXTERIOR GASKET
3/16"	GP-103	GP-118
1/4"	GP-103	GP-103
5/16"	GP-103	GP-117
3/8"	GP-117	GP-117

#### NOTES:

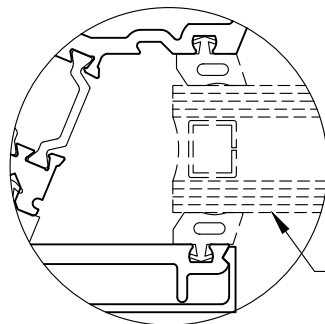
1. HP-17 (MOD.) SETTING BLOCK IS TYPICAL @ SPANDREL GLAZING U.N.O.
2. GLASS POCKET WIDTH WITH ADAPTOR = 3/4"

## Reliance™-TC Type II Spandrel Glazing Options - V6446



90° OUTSIDE  
CORNER

SEE GLAZING  
CHART



135° OUTSIDE  
CORNER

SEE GLAZING  
CHART

GLAZING CHART		
INFILL THICKNESS	INTERIOR GASKET	EXTERIOR GASKET
1-1/8"	GP-117	GP-117
1-1/16"	GP-103	GP-117
1"	GP-103	GP-103
15/16"	GP-103	GP-118
7/8"	GP-118	GP-118

NOTES:

1. GLASS POCKET WIDTH = 1-1/2"
2. GP-116 SETTING BLOCK IS TYPICAL

## Reliance™-TC Type II

### Vision Glazing Options - H6448