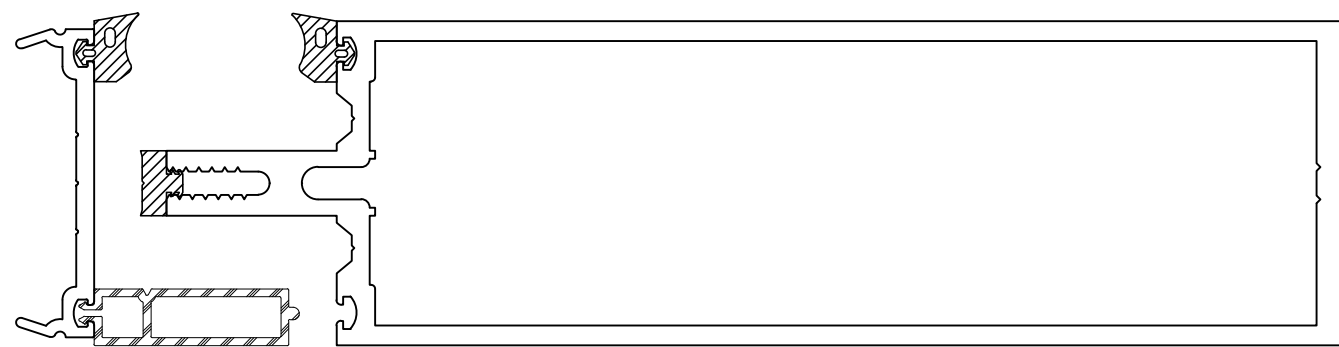
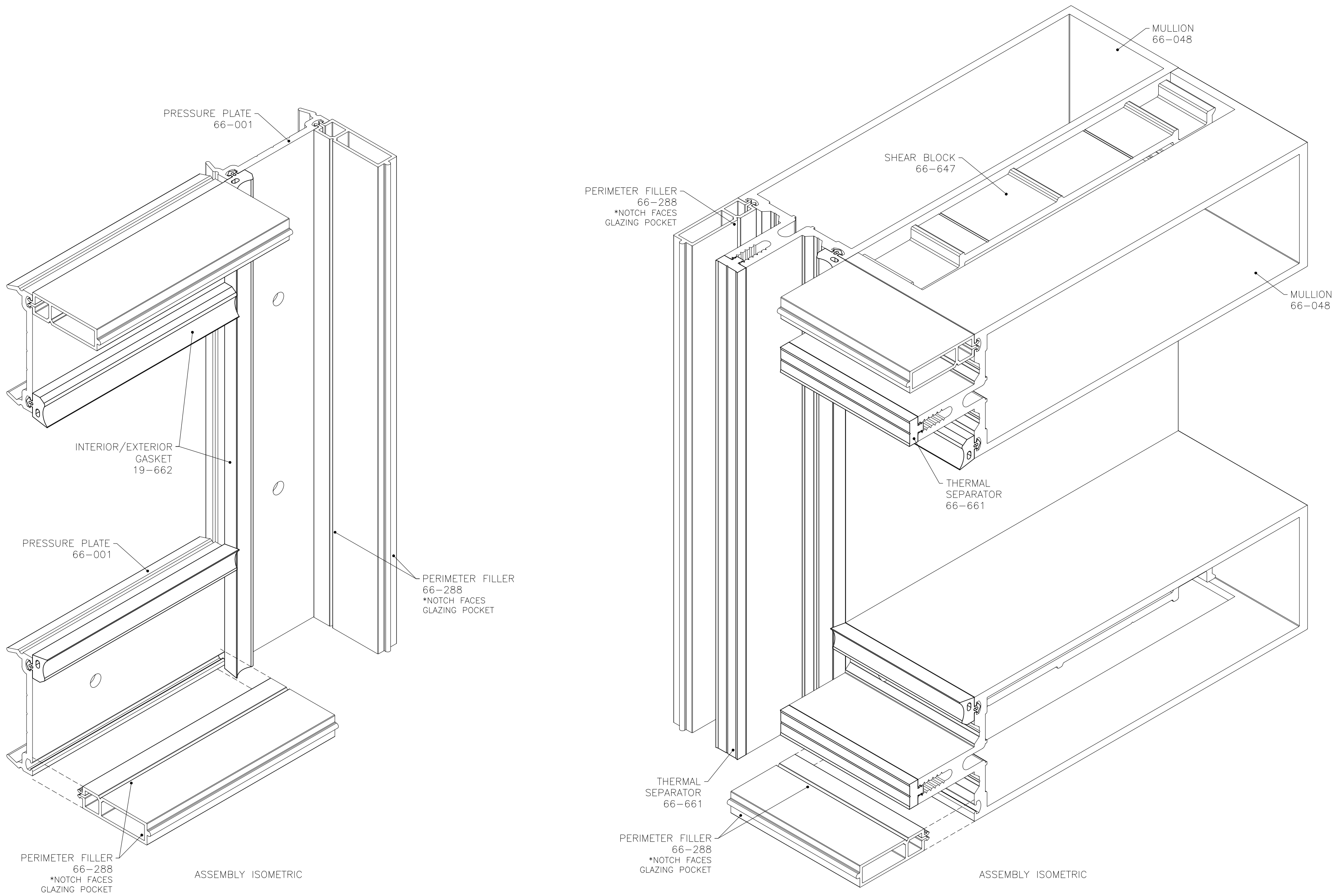
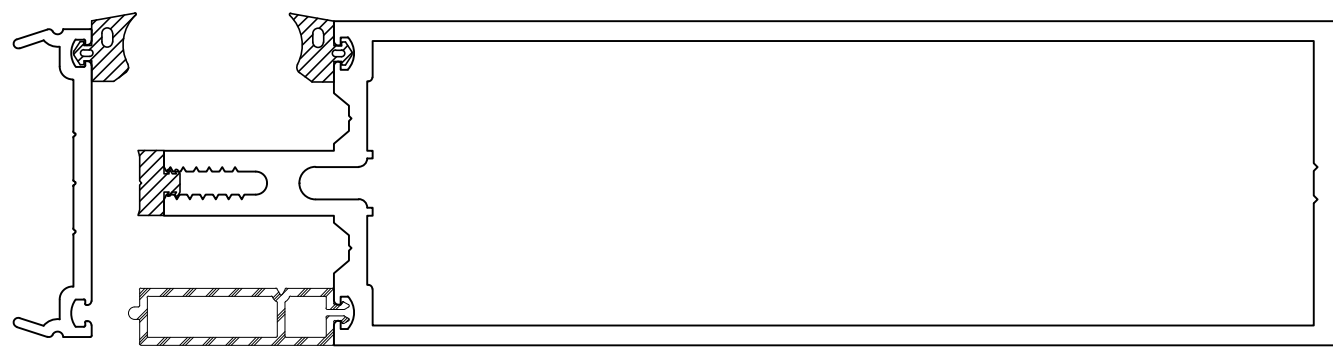


# 10” 6600 WALL SHEAR BLOCK ASSEMBLY



66-288 PERIMETER FILLER  
PRESSURE PLATE INSTALLATION



66-288 PERIMETER FILLER  
MULLION INSTALLATION

## GENERAL NOTES

- Building code laws vary by area. CMI Architectural Products does not interpret local codes for the appropriate selection of product configurations, hardware and glazing material and therefore assumes no responsibility. It is the responsibility of the owner, architect and installer to comply with all applicable building codes and laws.
- The CMI Architectural Products 6600 Wall System has been independently performance tested in accordance to AAMA Specification GS-001-84. The following tests have been successfully completed and are on file at CMI Architectural Products:
  - ASTM E-283 Air Infiltration: performed at a test pressure of 12 PSF
  - ASTM E-331 Water Penetration: performed at a test pressure of 15 PSF
  - ASTM E-330 Structural Performance: performed at a test pressure of  $\pm 97.5$  PSF. The maximum deflection allowed is L/175 of span. The maximum deformation allowed is 0.2% of span.Thermal tests were performed in accordance to AAMA Specification 1503-98
  - ASTM C-236 Heat Transfer Parameters:
$$U = 0.44 \text{ BTU/HR/SF/}^{\circ}\text{F}$$
$$R = 2.272 \text{ }^{\circ}\text{F/SF/HR/}^{\circ}\text{BTU}$$
  - AAMA 1502.7 Condensation Resistance Factor:

Standard	Optional
CRF (glazing) : 69	CRF (glazing) : 72
CRF (frame) : 67	CRF (frame) : 74
CRF (overall) : 67	CRF (overall) : 72
- All work shall be performed in accordance with CMI Architectural Products approved shop drawings and owner's project documents. Notify the manufacturer of any deviations or discrepancies.
- All fasteners used within the framework of the system shall be 18-8 stainless steel as supplied by CMI Architectural Products and installed where indicated on shop drawings. Perimeter anchors shall be designated and supplied by the curtain wall installer to meet project requirements.
- Screws (12-101 and 12-106) for attachment of the pressure plate, shall be spaced 12 inches on center typically and 1-1/2 inches from each end. Apply an initial screw torque of 30 inch-pounds. Increase torque to 40-50 inch-pounds after all four sides of opening have been secured.
- The curtain wall installer shall be responsible for the perimeter anchors, shims, steel or aluminum wind load and dead load anchors, kickers, structural mullion reinforcing and all exposed and concealed sealants unless otherwise indicated on shop drawings.
  - Shims supporting structural loads shall be of a non-corrosive or degradable material. Aluminum or stainless steel shims are recommended.
  - Specific sealants are called for on these drawings due to compatibility with specific materials. Sealants other than those specified shall be the responsibility of the installer and must be approved by the sealant manufacturer for compliance and compatibility for its intended use. Follow sealant manufacturers recommended preparation and use of primers. Open cell backer rod material is required to reduce sealant gassing.
  - Structural steel members shall be prime painted using either a zinc rich paint per SSPC-PS 12.01 or a zinc chromate primer per FSTT-P-645A. Weldments should be field touched-up.
- All framing shall be erected plumb and true, in proper alignment and relation to established lines, grades and elevations.
- Drainage gutters and weep holes must be kept clean at time of installation. CMI Architectural Products cannot accept responsibility for problems caused by plugged weep holes.
- The 6600 Wall System is designed to accommodate 1/4 inch and 1 inch infill glazing materials by the use of standard gaskets and components. Consult CMI Architectural Products for modifications required to accommodate other infill thicknesses. All infill material shall be properly blocked at 1/4 points unless otherwise indicated on the shop drawings. Side blocking shall be installed per job requirements.
- Materials stored on the job site shall be properly blocked and covered to allow adequate water run-off and protection from sustained moisture. Provide air ventilation at the bottom side of covered materials.
- CMI Architectural Products recommends that all project documents be reviewed by our engineers and that shop drawings be developed by CMI. CMI requires one approved set of shop drawings prior to the start of all fabrication. Glazing contractors providing their own shop drawings shall assume full responsibility and liability for their own work.

NOTE: PER INDEPENDENT LABORATORY TESTING; CMI REQUIRES BOTH INTERIOR AND EXTERIOR PERIMETER FRAME SEALANT TO MEET SPECIFIED PERFORMANCE.



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10" 6600 FRAME ASSEMBLY  
SHEAR BLOCK SYSTEM

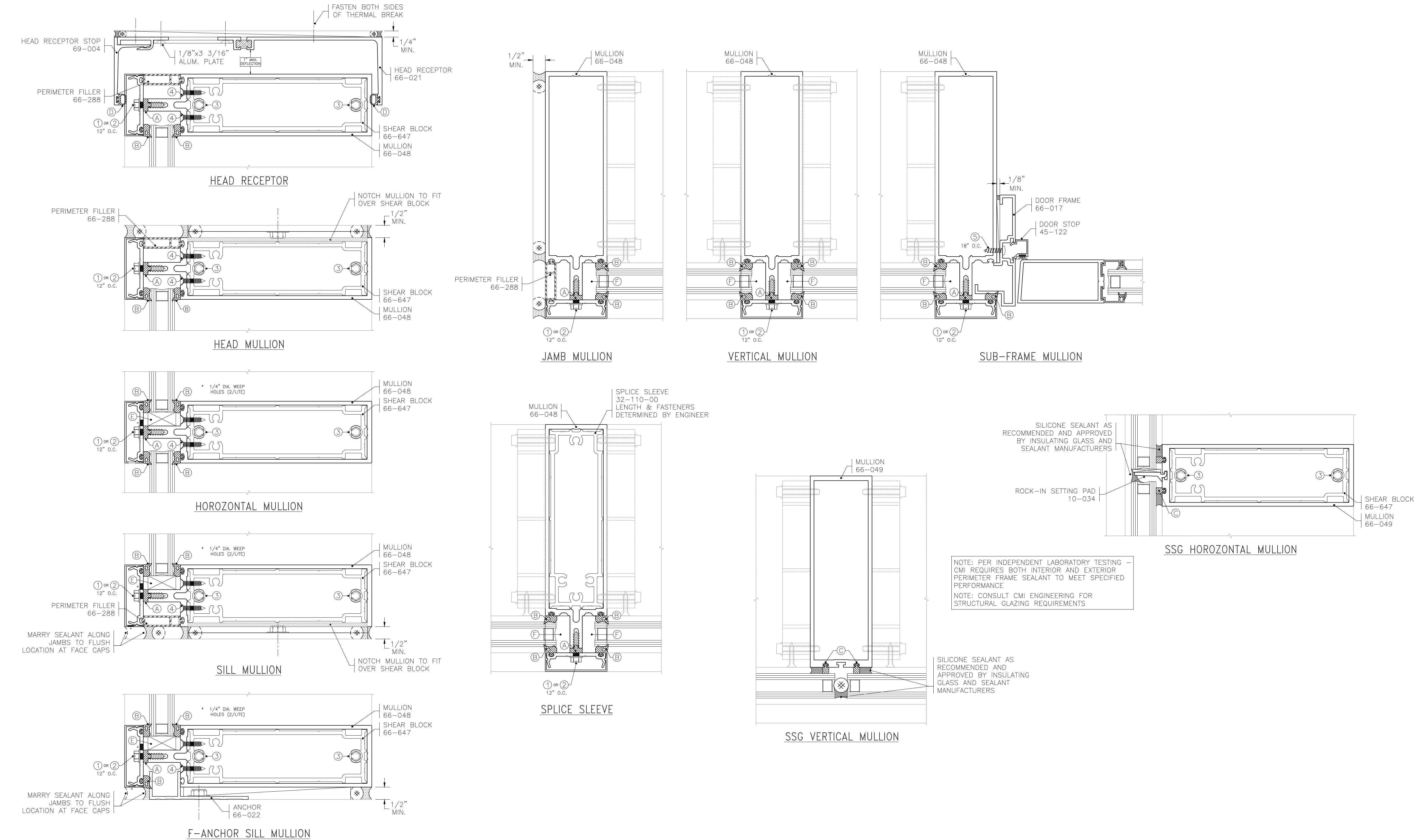
UPDATED: FEBRUARY 20, 2025

SHEET #:

6600SB-1

NOTE: STANDARD PRESSURE PLATE [66-001] AND SNAP ON COVER [66-010] ARE DETAILED, PLEASE SEE SHOP DETAILS FOR SPECIFIC PROFILES.

# 10" 6600 WALL SHEAR BLOCK ASSEMBLY



## FASTENERS

1		2		3		4		5	
	1/4" x 14 x 1" P.H. PRESSURE PLATE FASTENER 12-101 STAINLESS STEEL		1/4" x 14 x 1" H.H. PRESSURE PLATE FASTENER 12-106 STAINLESS STEEL		1/4-14 x 1 1/2" H.W.H. SHEAR BLOCK TO MULLION 12-114 STAINLESS STEEL		#10 x 1" F.H. MULLION TO SHEAR BLOCK 12-102 STAINLESS STEEL		#10 x 3/4" P.H. 1/4" ADAPTOR & DOOR FRAME 12-103 STAINLESS STEEL

## GASKETS

A		B		C		D	
	THERMAL BREAK 19-661 E.P.D.M.		INTERIOR/EXTERIOR 19-662 E.P.D.M.		BUTT GLAZING SPACER 19-200 SILICONE		BULB GASKET HEAD RECEPTOR INT./EXT. 19-197 E.P.D.M.

## ACCESSORIES

E		F	
	SETTING BLOCK 1/2" x 1 1/8" x 3" 46-124 E.P.D.M.		MULLION END DAM 19-665 E.P.D.M.



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# 10" 6600 FRAME ASSEMBLY SHEAR BLOCK SYSTEM

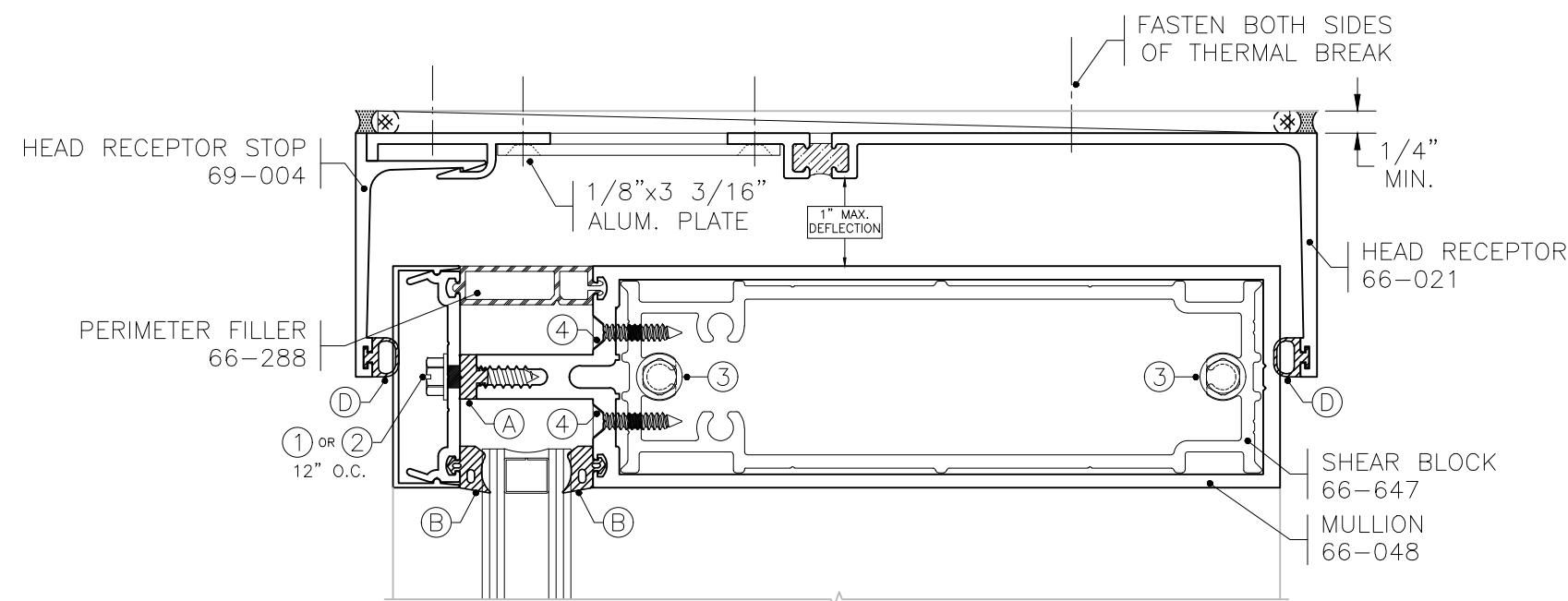
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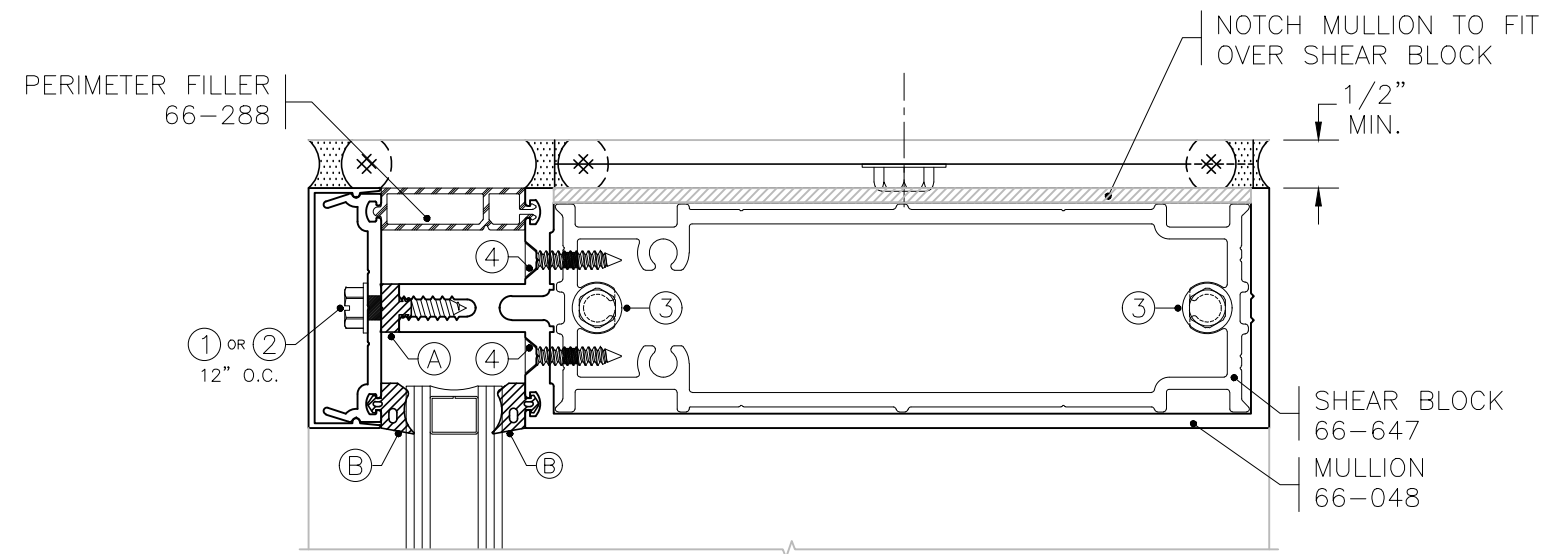
## 6600SB-3

NOTE: STANDARD PRESSURE PLATE [66-001] AND SNAP ON COVER [66-010] ARE DETAILED, PLEASE SEE SHOP DETAILS FOR SPECIFIC PROFILES.

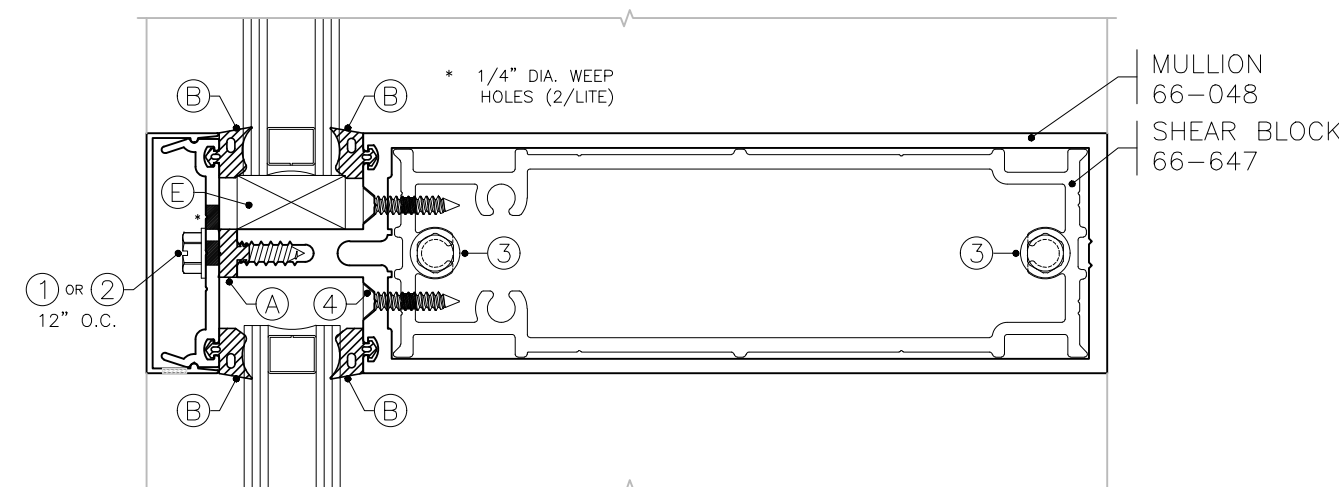
# 10" 6600 WALL SHEAR BLOCK ASSEMBLY



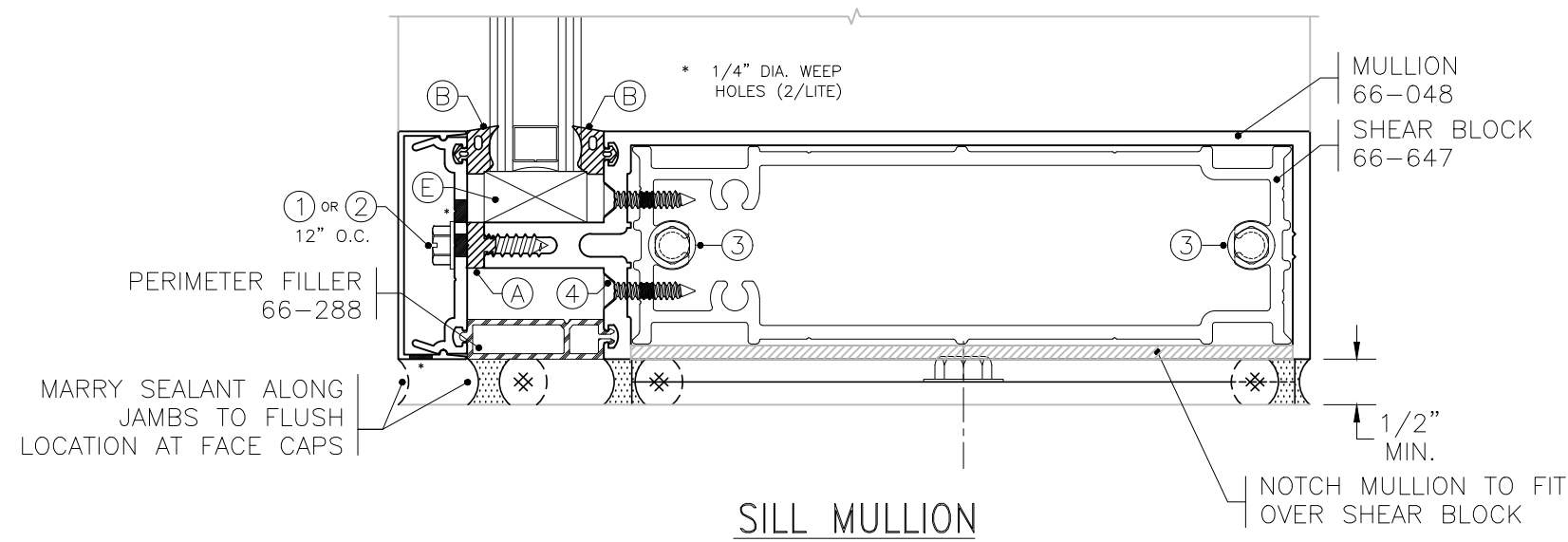
HEAD RECEPTOR



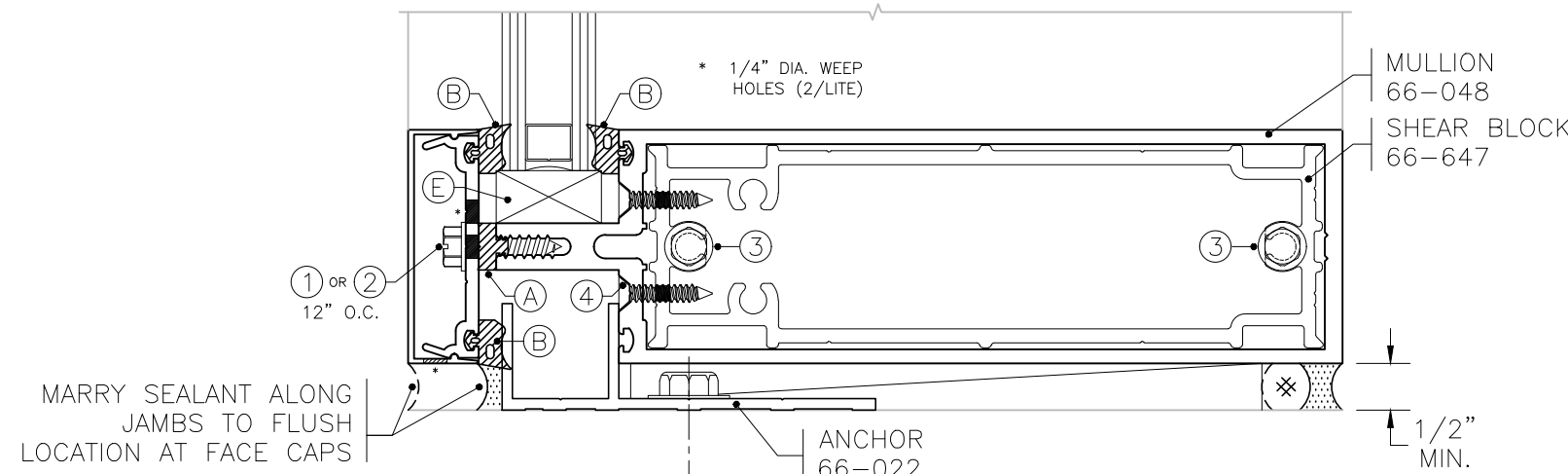
HEAD MULLION



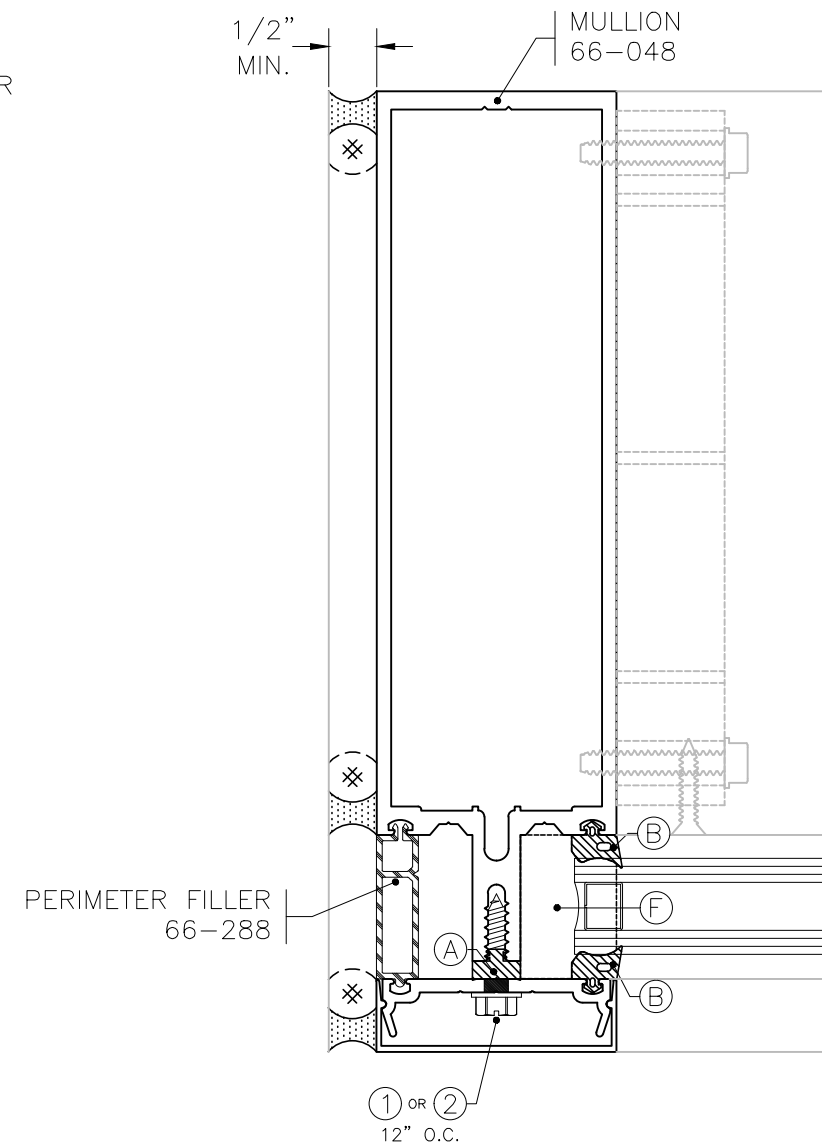
HORIZONTAL MULLION



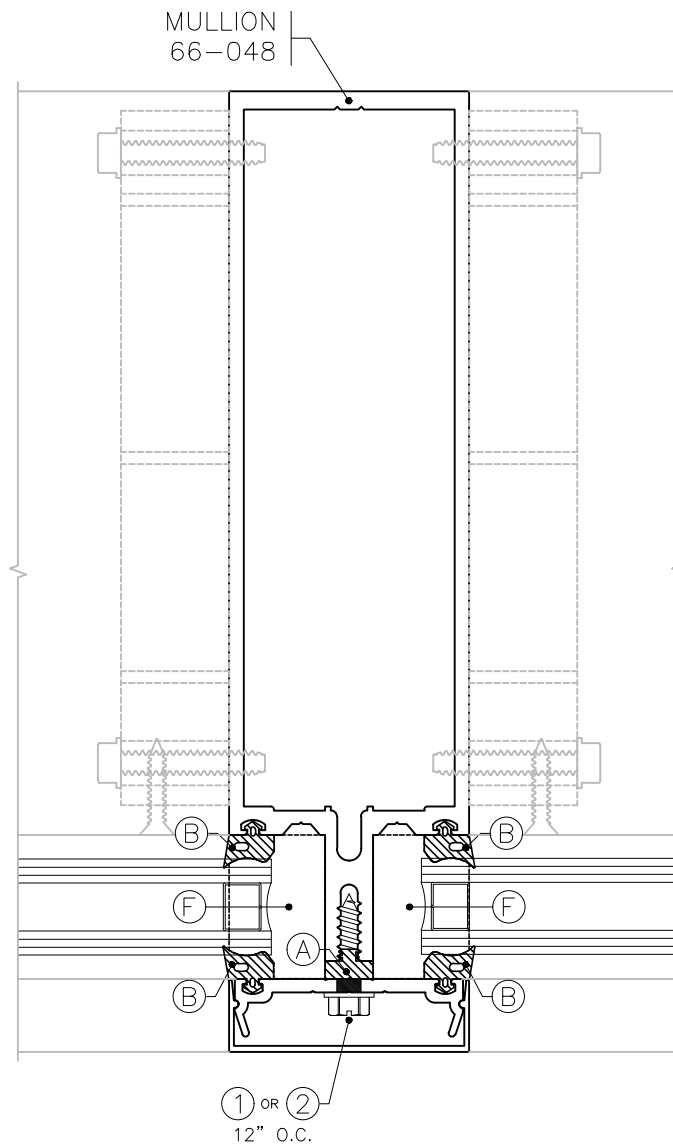
SILL MULLION



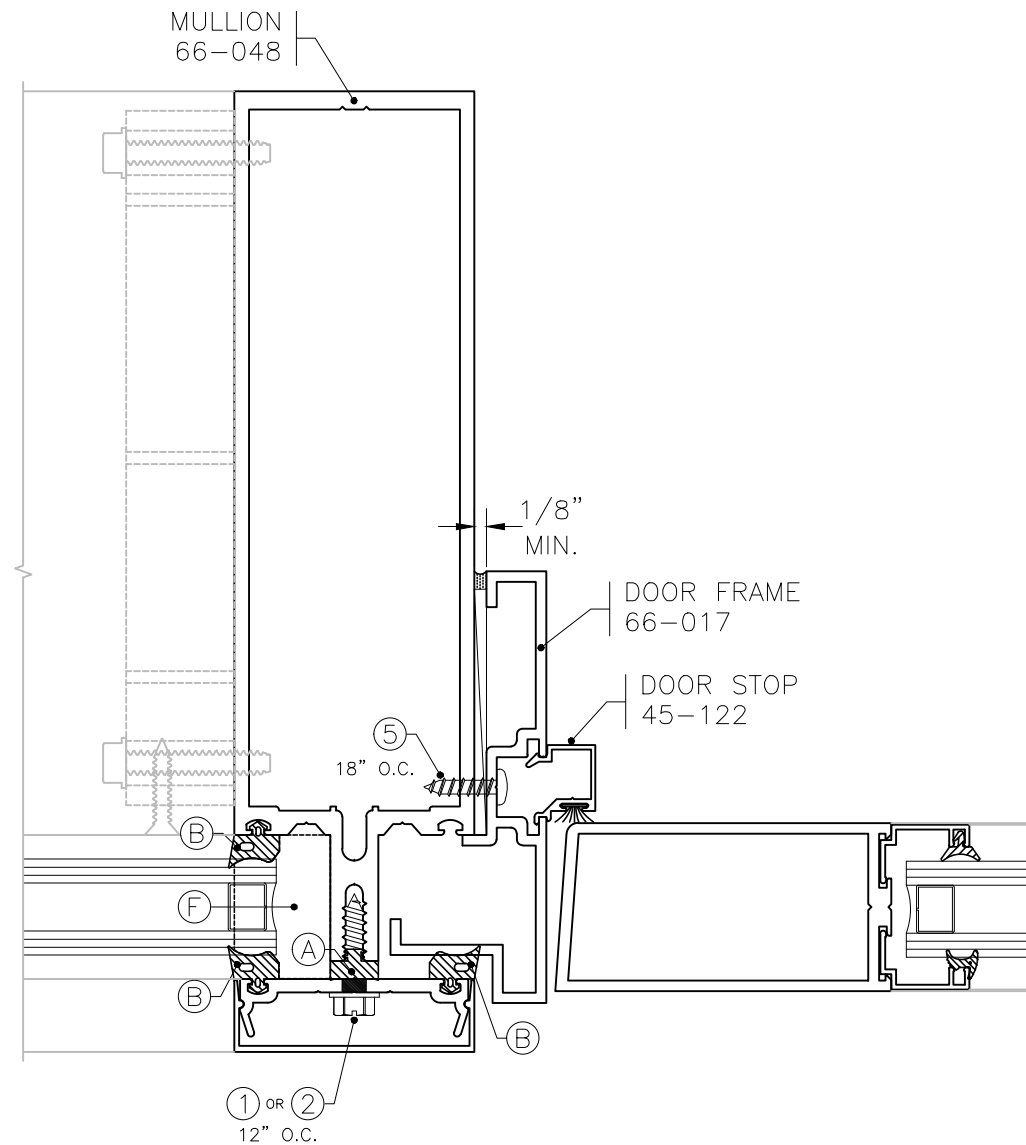
F-ANCHOR SILL MULLION



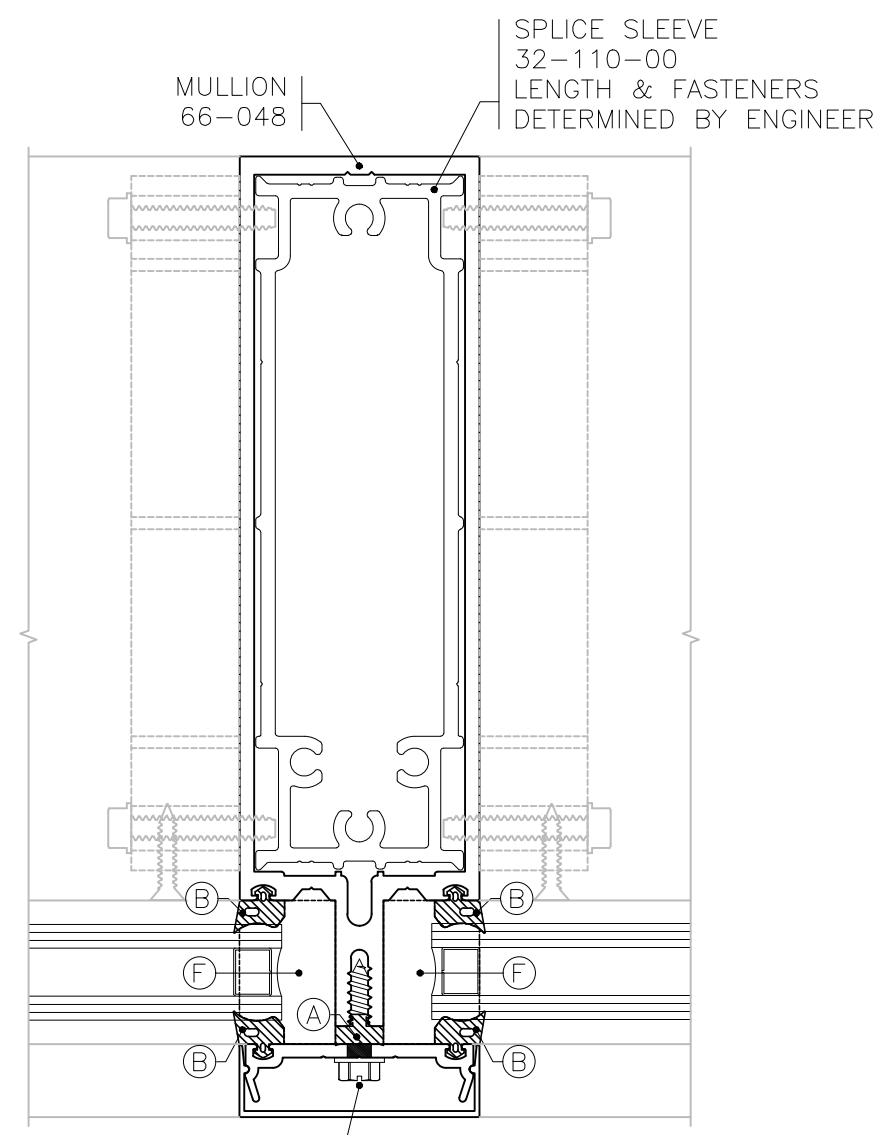
JAMB MULLION



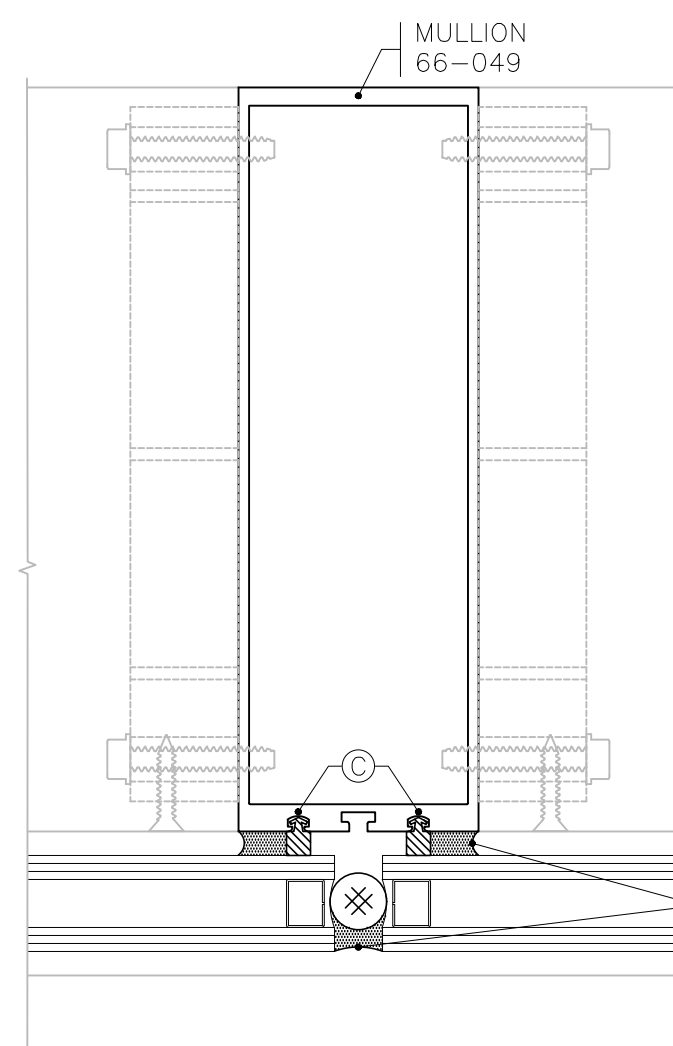
VERTICAL MULLION



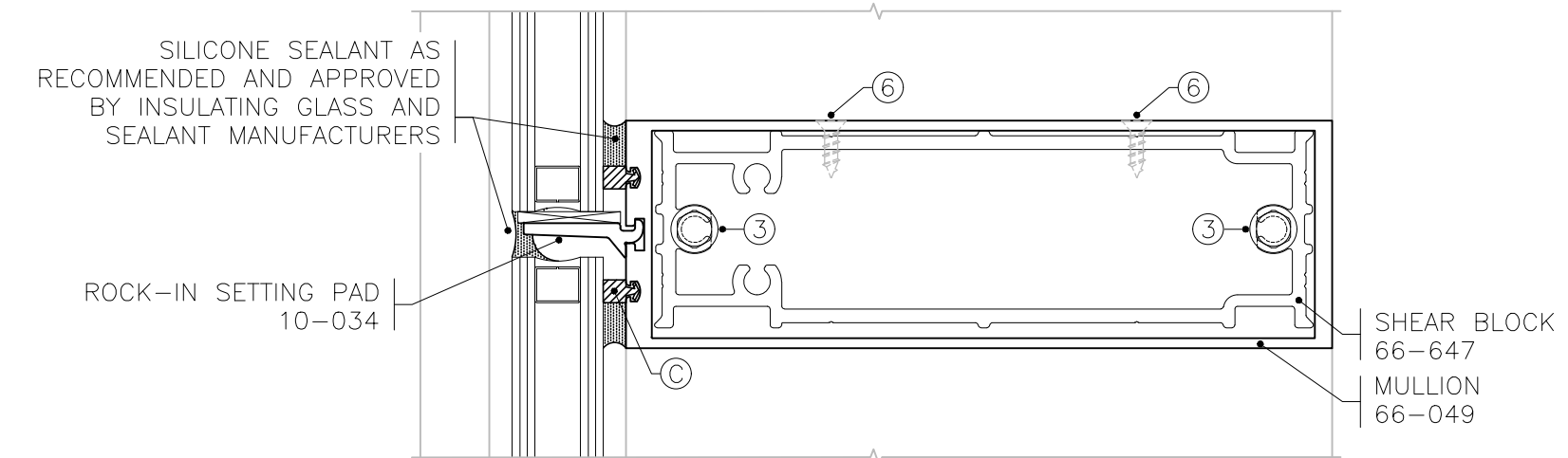
SUB-FRAME MULLION



SPLICE SLEEVE



SSG VERTICAL MULLION



SSG HORIZONTAL MULLION

NOTE: PER INDEPENDENT LABORATORY TESTING - CMI REQUIRES BOTH INTERIOR AND EXTERIOR PERIMETER FRAME SEALANT TO MEET SPECIFIED PERFORMANCE  
NOTE: CONSULT CMI ENGINEERING FOR STRUCTURAL GLAZING REQUIREMENTS

SILICONE SEALANT AS RECOMMENDED AND APPROVED BY INSULATING GLASS AND SEALANT MANUFACTURERS

## FASTENERS

1		2		3		4		5		6	
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## GASKETS

A		B		C		D	
---	--	---	--	---	--	---	--

## ACCESSORIES

E		F	
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# 10" 6600 FRAME ASSEMBLY SHEAR BLOCK SYSTEM

UPDATED: FEBRUARY 20, 2025

SHEET #:

## 6600SB-3