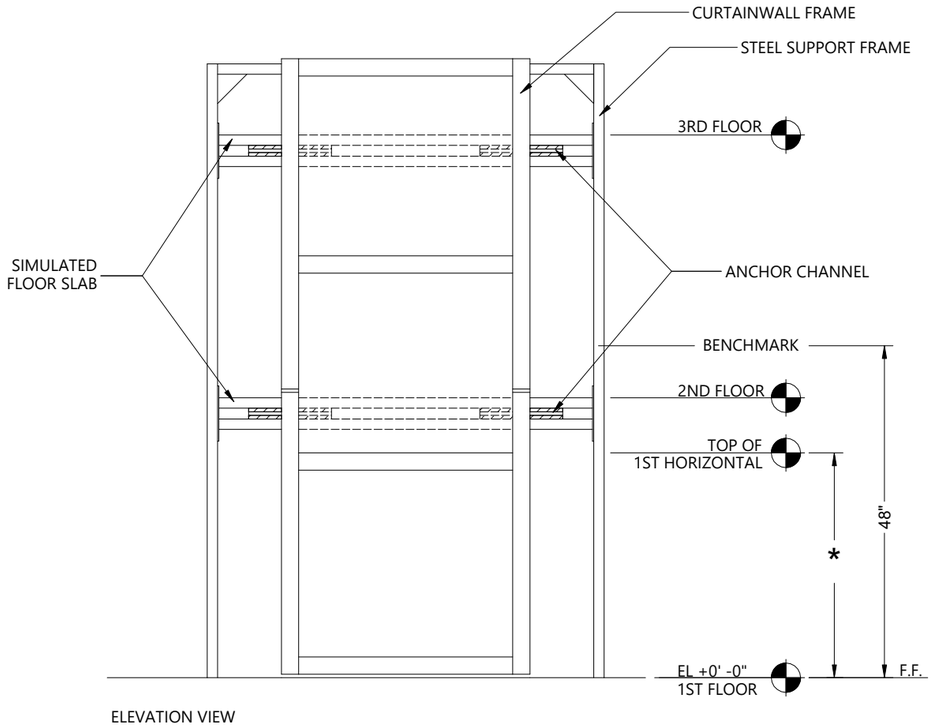
Architectural Glass & Metal Technician
CERTIFICATION PROGRAM

CURTAINWALL PHYSICAL TEST

ARCHITECTURAL GLASS & METAL TECHNICIAN
CERTIFICATION PROGRAM
PERFORMANCE BASED TEST - CURTAINWALL

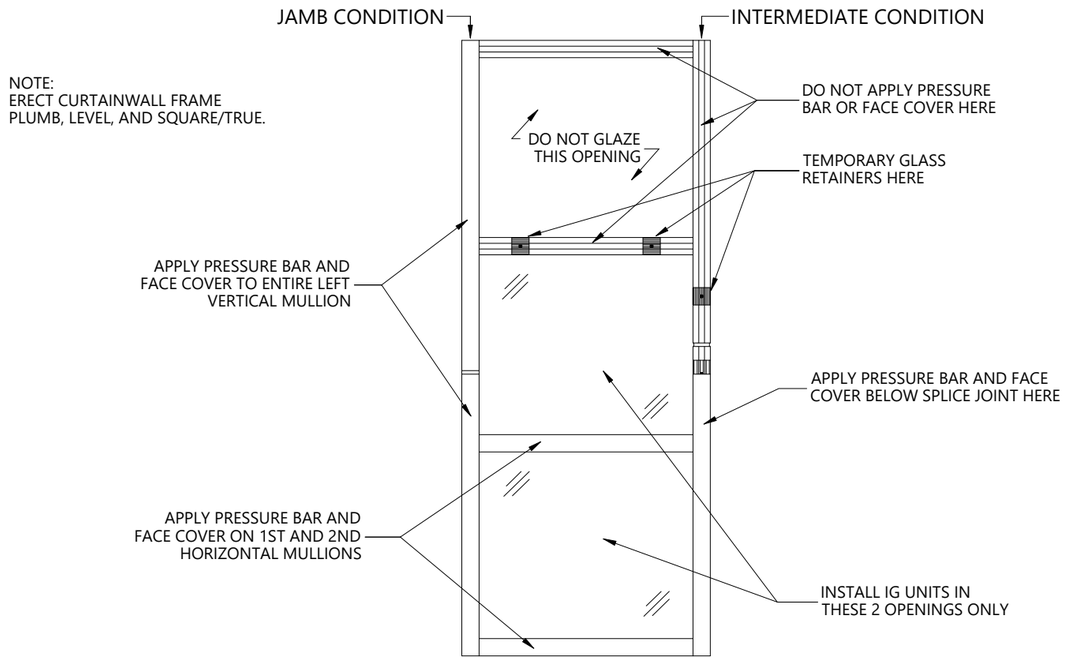
DRAWN BY: BDB
DATE: 7/5/19
SCALE: N/A
SHEET: C-1

ELEVATION LAYOUT

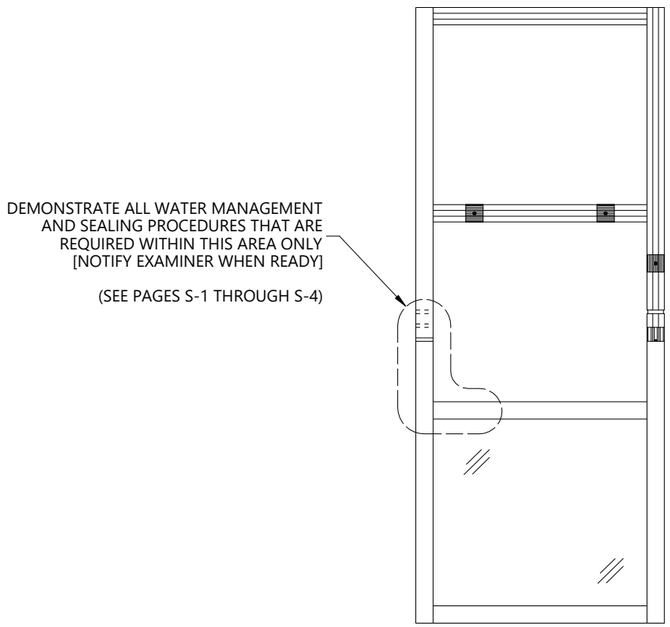


ELEVATION VIEW

* REFER TO "ELEVATION LAYOUT BENCHMARK" PAGE
(MUST BE +/- 1/8")



TEST DIRECTIONS FOR INSTALLATION



TEST DIRECTIONS FOR SEALING LOCATIONS

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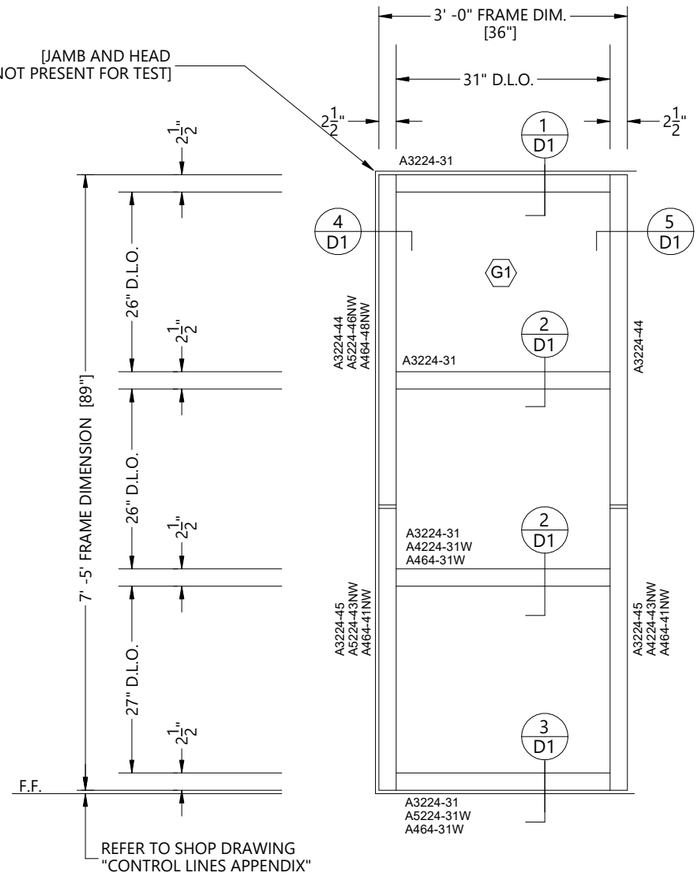

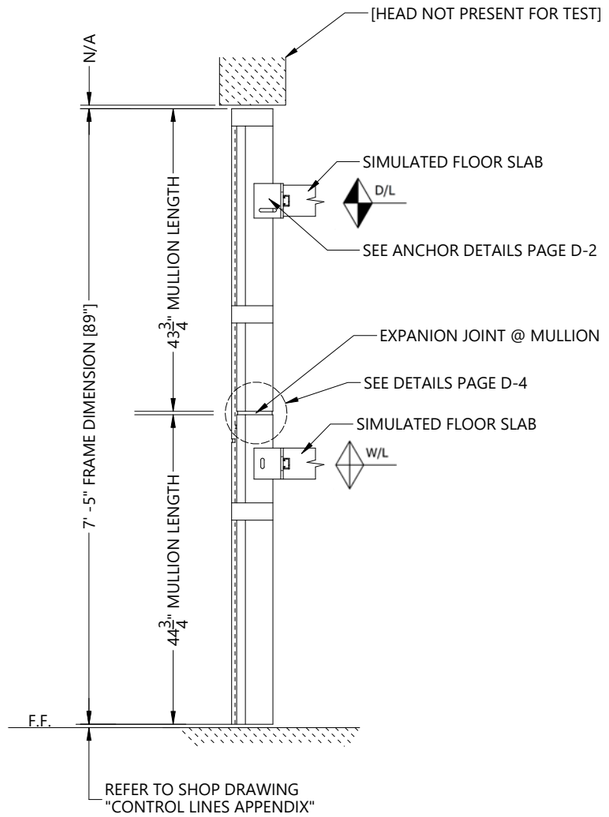

PARTS LIST

	A3224	4" BACK MEMBER
	A5224	PERIMETER PRESSURE BAR
	A4224	INTERMEDIATE PRESSURE BAR
	A464	FACE COVER CAP
	H981	SPLICE SLEEVE MULLION
	H8261	FACE COVER SPLICE SLEEVE
	H4911	THERMAL ISOLATOR GASKET
	H821	GLAZING GASKET
	H749	SETTING BLOCK
	H391	WATER DAM
	H851	SHEAR BLOCK
	H381	"F" ANCHOR
	H481	"T" ANCHOR
	F2204	ANCHOR T-BOLT
	F931	#14-14 X 1/2" HEX HEAD TYPE 'F' BOLT
	F142	1/4"-20 X 3/4" FLAT TOP PHILLIPS HEAD MACHINE SCREW
	F072	#10-24 X 3/4" PHILLIPS HEAD SELF TAPPING SCREW
	F963	1/4-20 x 3/4" HWH TYPE 'CA'
	H771	SERRATED WASHER
	H333	DEADLOAD ANCHOR
	H339	WINDLOAD ANCHOR
	F101	1/2-13 X 5" HEX HEAD GRADE 5 ANCHOR BOLT W/ NUT, 1/2" WASHER, 1/2" LOCK WASHER
	F102	1/2-13 X 1-1/5" HEX HEAD GRADE 5 ANCHOR BOLT W/ NUT, 1/2" WASHER, 1/2" LOCK WASHER

GLASS LEGEND

G1 — 1"INSULATED UNITS (1/4" LEXAN-1/2"A.S.-1/4" LEXAN)

PRODUCTS

FOUR-SIDE CAPTURED CURTAINWALL SYSTEM

FINISH OF ALL EXPOSED ALUMINUM TO BE CLEAR ANODIZED

GENERAL NOTES

1. ALL SEALANTS AND/OR CAULKING ARE TO BE APPLIED IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.
2. ALL FRAMING SHALL BE INSTALLED PLUM, SQUARE, AND LEVEL, AND IN STRICT ACCORDANCE WITH MANUFACTURER'S PROVIDED INSTALLATION INSTRUCTIONS.
3. REFER TO SHOP DRAWING DOCUMENT LABELLED "CONTROL LINES APPENDIX" FOR ELEVATION OF FIRST HORIZONTAL MEMBER, AND FOR CURTAINWALL LOCATION RELATIVE TO FACE OF SLAB AND SIDE-TO-SIDE.
4. PERIMETER CAULKING NOT BY AGMT CERTIFICATION APPLICANT.
5. ALL SYSTEM SEALING/CAULKING IS TO BE DEMOSTRATED BY THE USE OF AN UNOPENED SEALANT TUBE TO INDICATE LOCATION AND DIMENSION OF CAULKING.
6. ACTUAL EXTRUSIONS AND PARTS MAY VARY SLIGHTLY IN APPEARANCE FROM THOSE DEPICTED IN THIS SHOP DRAWING.

CONTENT

T-1 TEST DIRECTIONS

T-2 ELEVATION AND OVERALL SECTION VIEW

D-1 VERTICAL AND HORIZONTAL SECTION DETAILS

D-2 WINDLOAD AND DEAD LOAD ANCHOR DETAILS

D-3 F- AND T- ANCHOR DETAILS

D-4 MULLION SPLICE DETAILS

S-1 ASSEMBLY AND WATER MANAGEMENT DETAILS

S-2 ASSEMBLY AND WATER MANAGEMENT DETAILS

S-3 ASSEMBLY AND WATER MANAGEMENT DETAILS

S-4 ASSEMBLY AND WATER MANAGEMENT DETAILS

ABBREVIATIONS

G.C.	GENERAL CONTRACTOR	TYP.	TYPICAL
D.L.O.	DAYLIGHT OPENING	SIM.	SIMILAR
D.O.	OPENING	OPP.	OPPOSITE
D.S.	DOOR SIZE	B.O.	BY OTHERS
F.S.	FRAME SIZE	T.O.S.	TOP OF SLAB
G.S.	GLASS SIZE	R.P.	REFERENCE POINT
O.D.	OPENING DIMENSION	CONT.	CONTINUOUS
V.I.F.	VERIFY IN FIELD		
F.F.	FINISHED FLOOR		
N.T.S.	NOT TO SCALE		

SYMBOLS

- # / # — DETAIL/PAGE REFERENCE
- 1 — REVISION
- G1 — GLASS
- D/L — DEAD LOAD ANCHOR
- W/L — WIND LOAD ANCHOR
- ELEVATION MARKER

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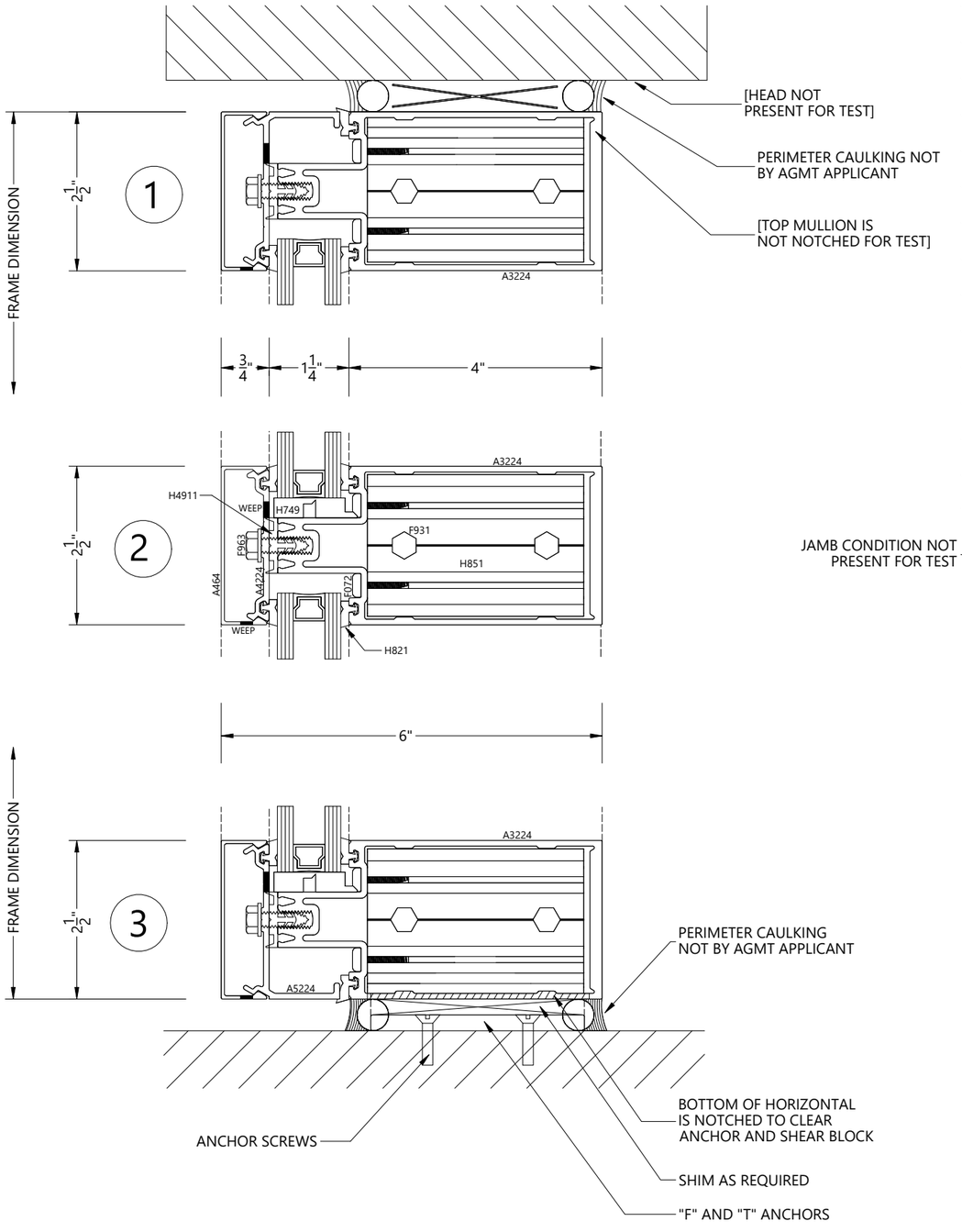
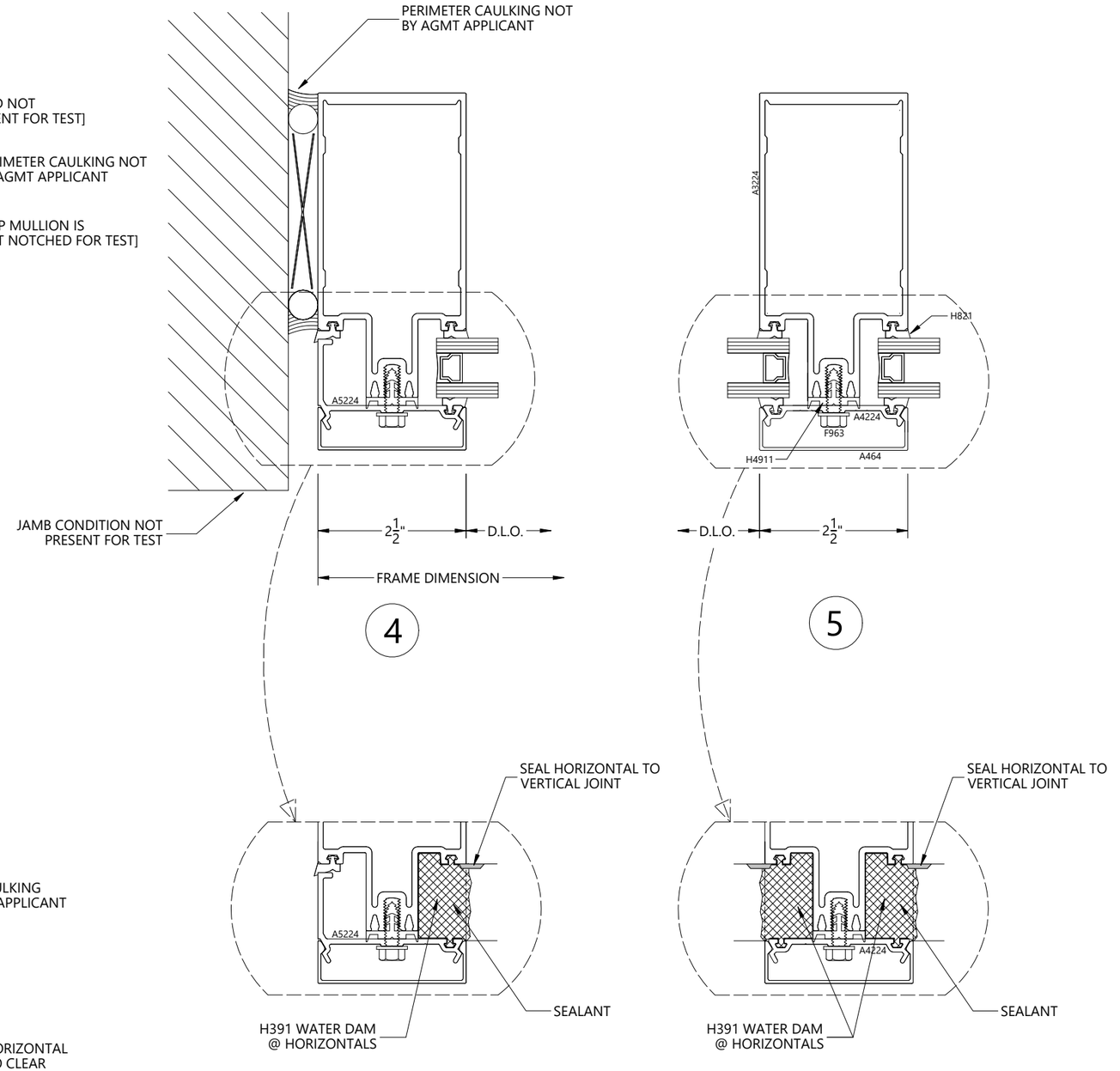
SHEET: **T-2**



VERTICAL SECTION



HORIZONTAL SECTION

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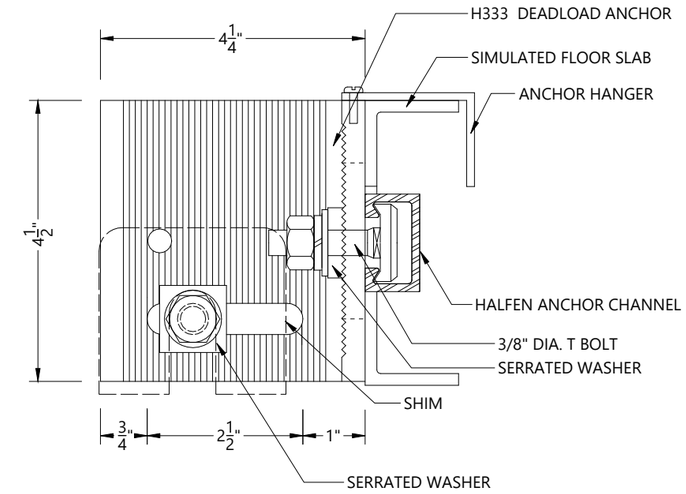
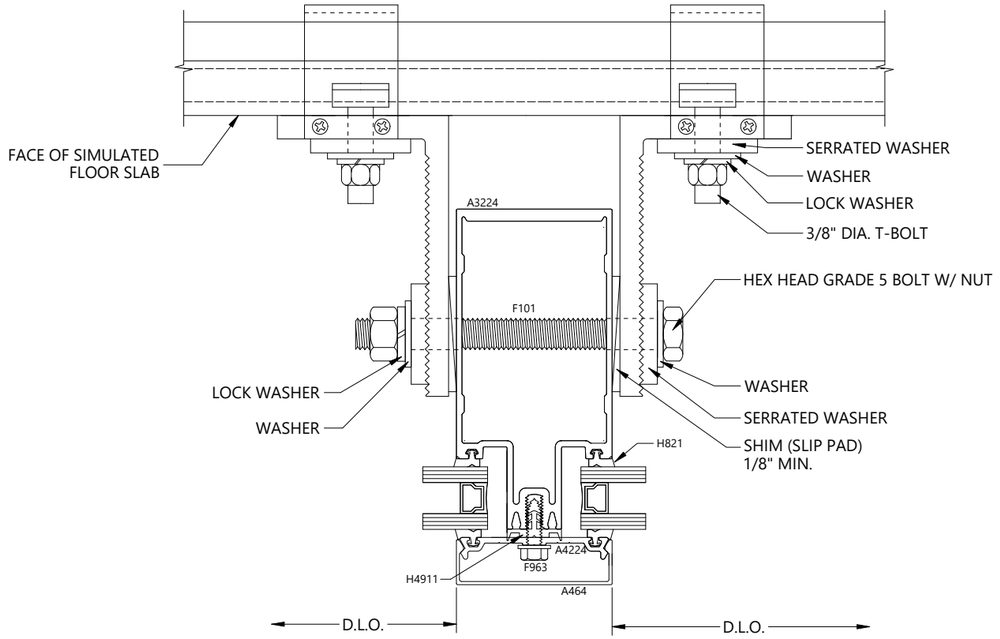
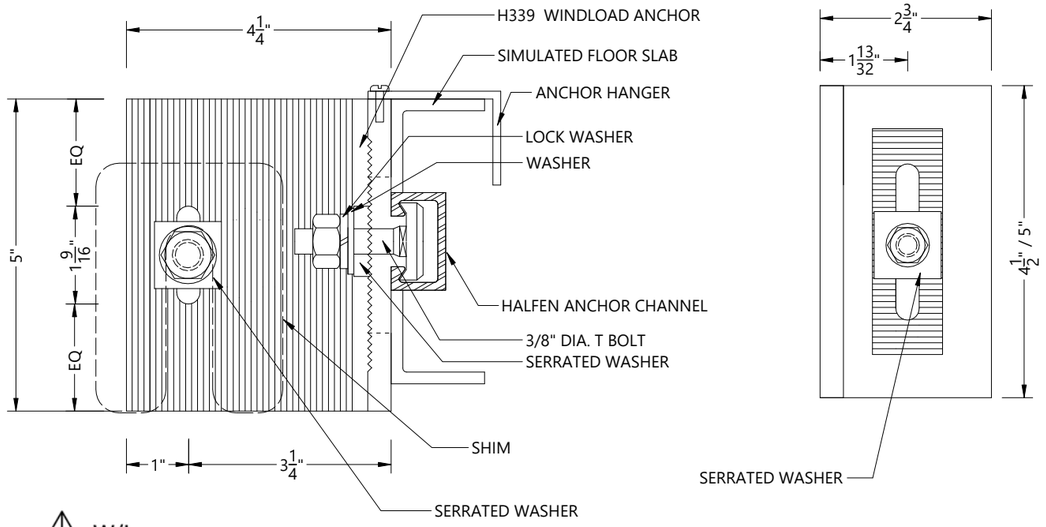
SHEET: **D-1**



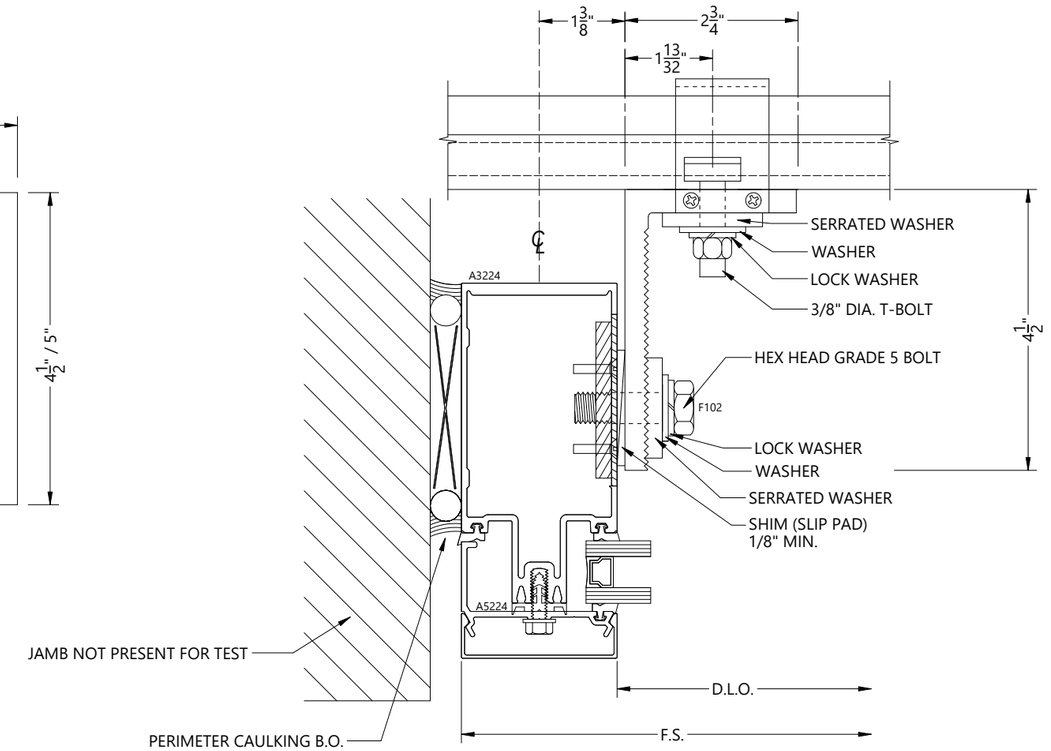
D/L DEADLOAD ANCHOR



INTERMEDIATE MULLION ANCHOR



W/L WINDLOAD ANCHOR



JAMB ANCHOR

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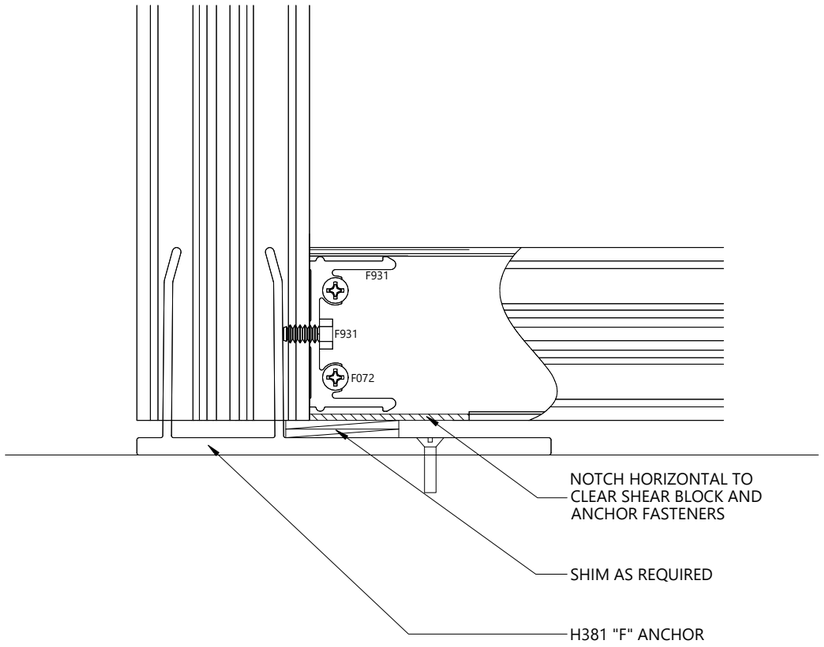
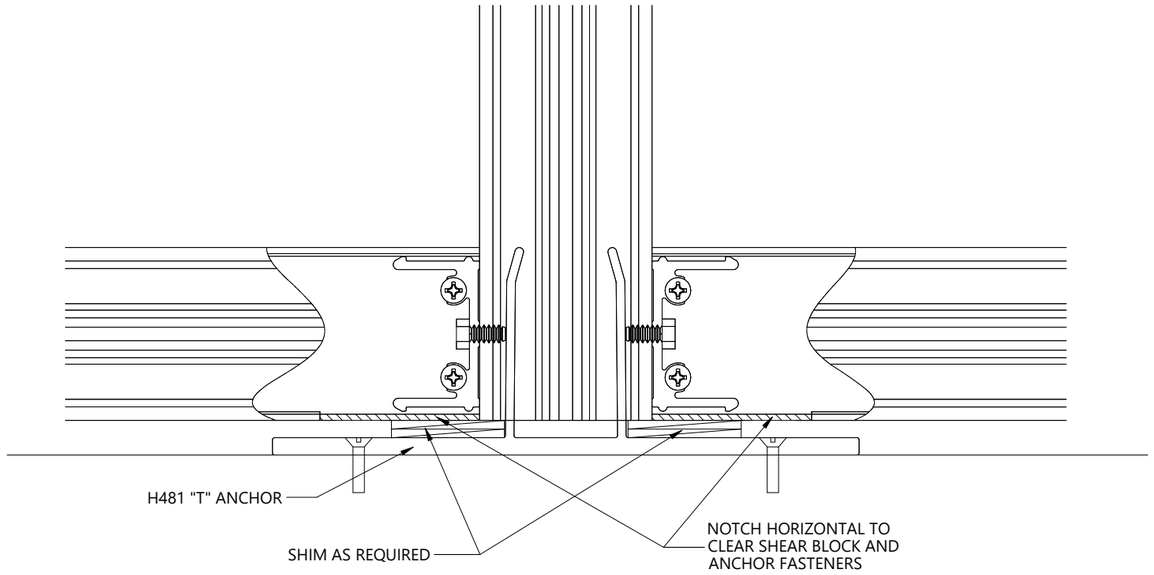
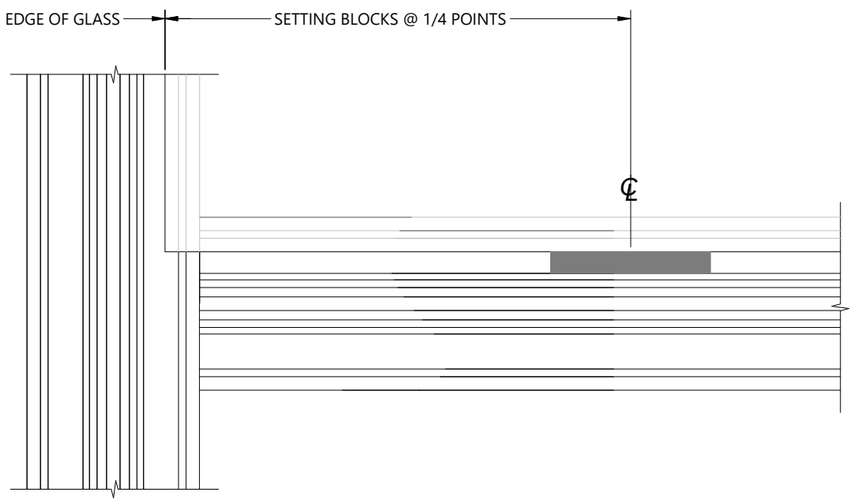


"F" ANCHOR DETAIL (JAMB)



"T" ANCHOR DETAIL (INTERMEDIATE)



SETTING BLOCK LOCATION

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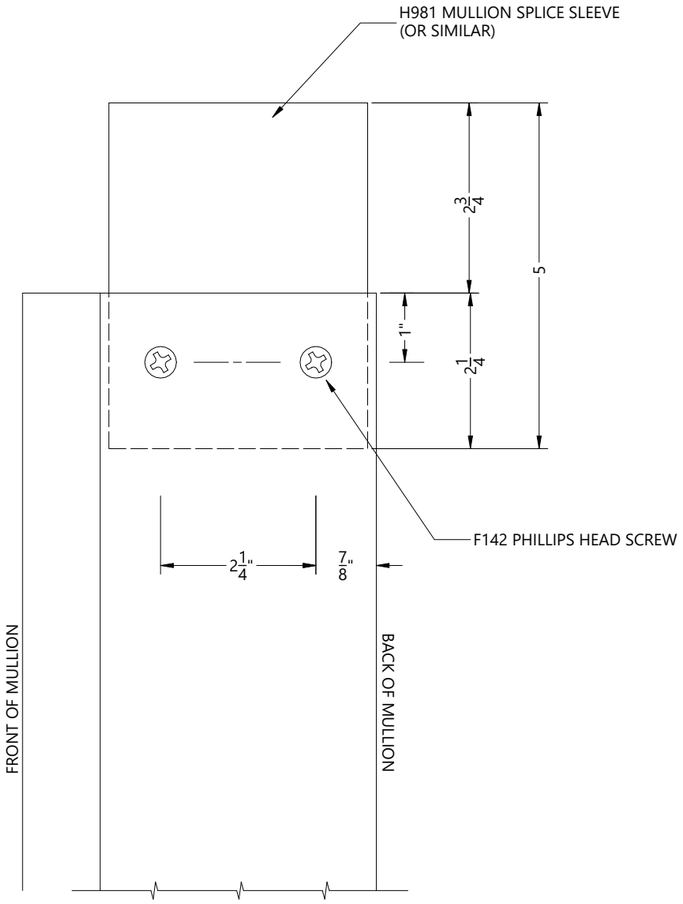
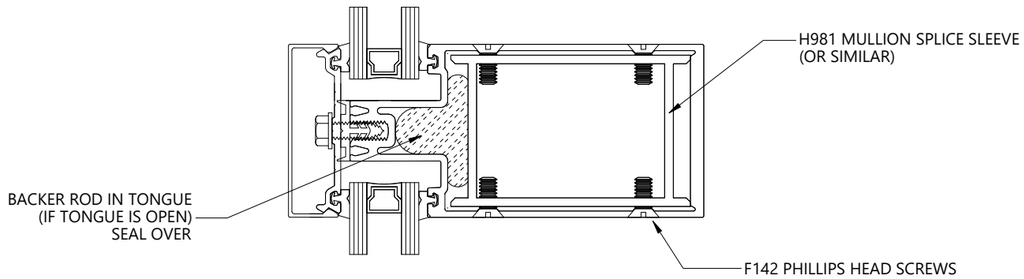
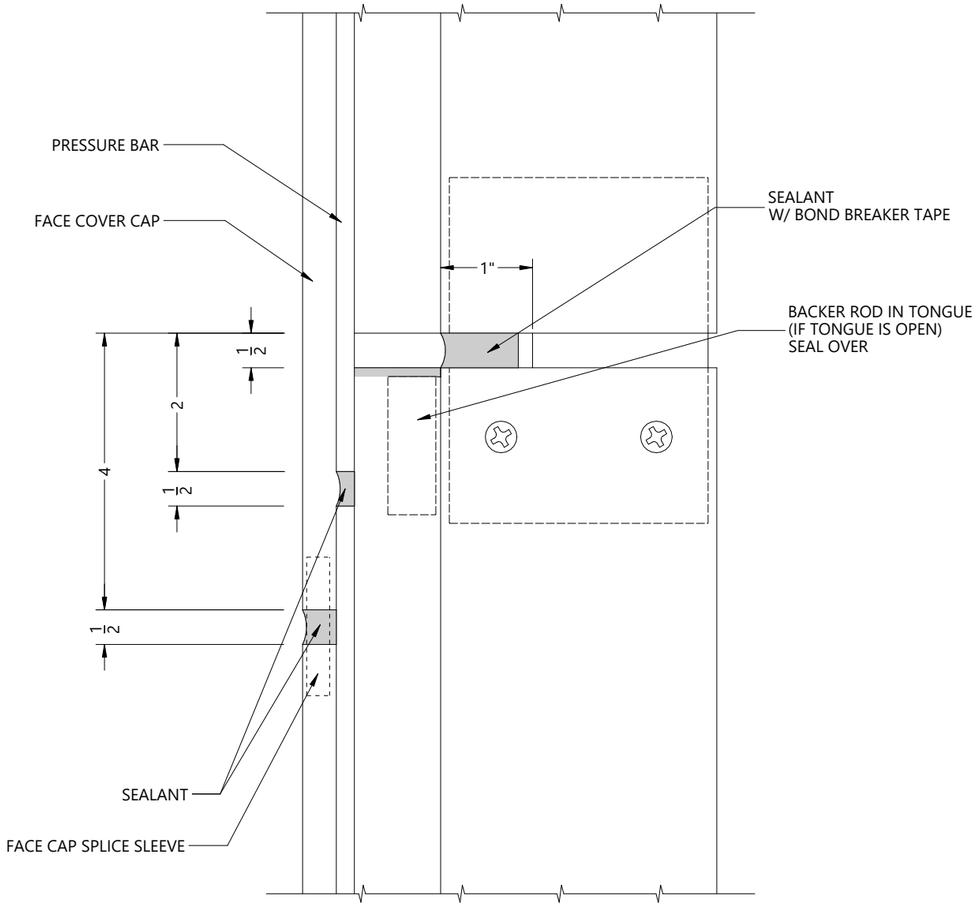
SHEET: **D-3**



MULLION SPLICE SLEEVE





MULLION EXPANSION/SPLICE JOINT

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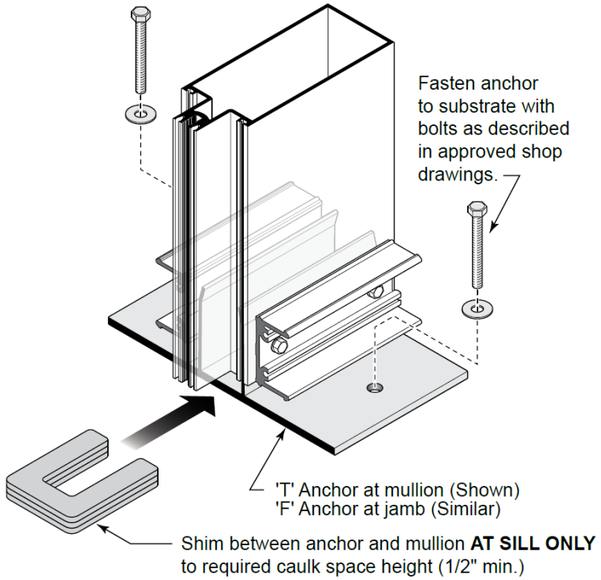
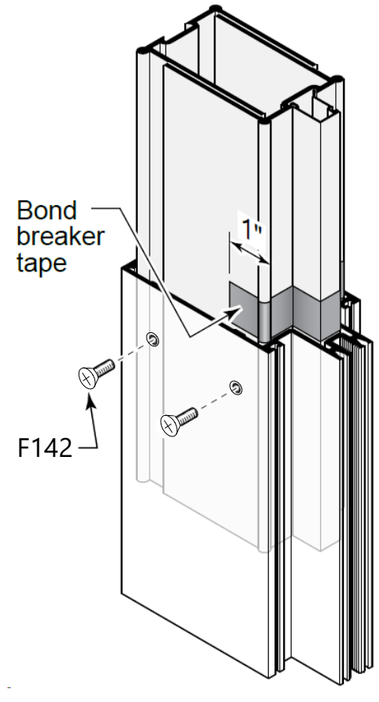
SHEET: **D-4**

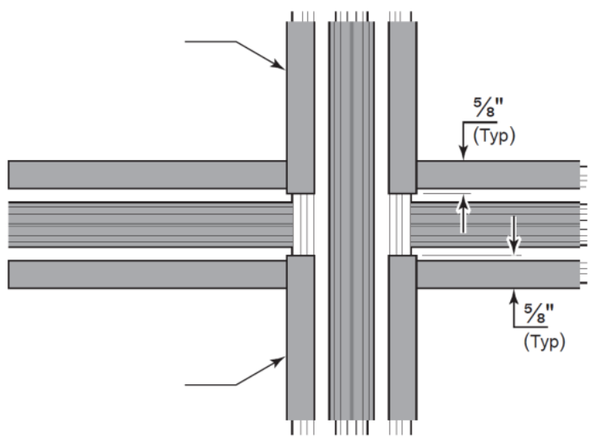
SUPPLEMENTAL INSTALLATION INSTRUCTIONS (GENERIC)



INSTALLING VERTICAL MULLION

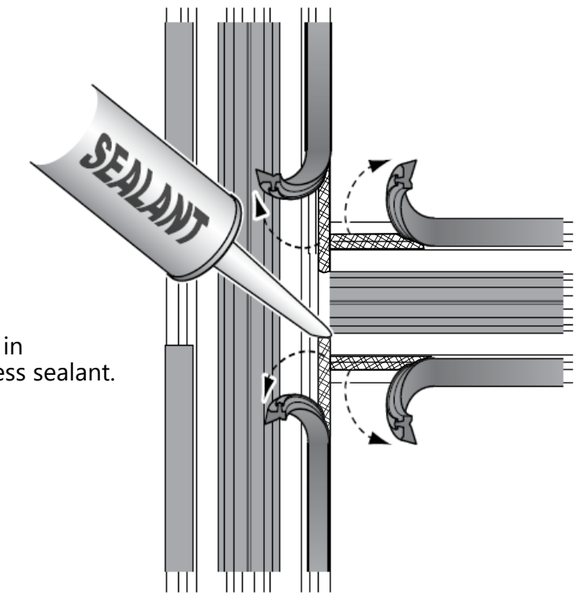


SPLICE SLEEVE ATTACHMENT



GASKET CONFIGURATION

Lift ends of gasket and seal reglets. Press gaskets back in place and tool excess sealant.



SEALING GASKET REGLETS

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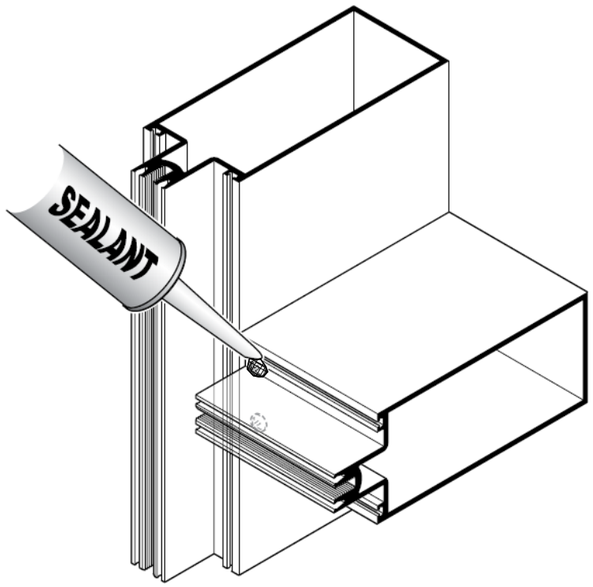
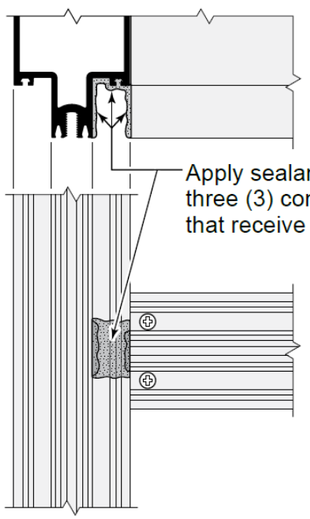
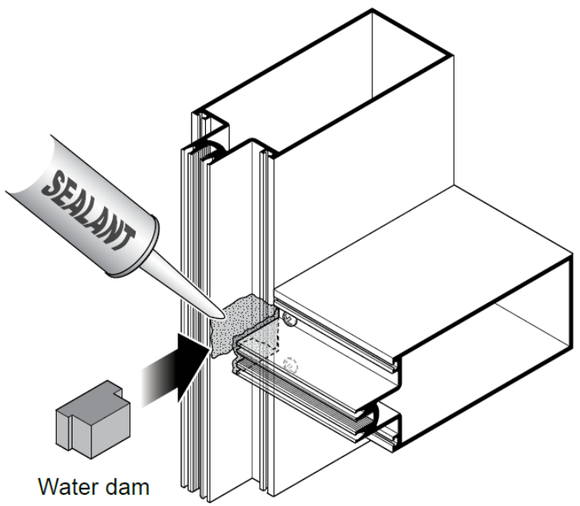
SHEET: **S-1**

SUPPLEMENTAL INSTALLATION INSTRUCTIONS (GENERIC)

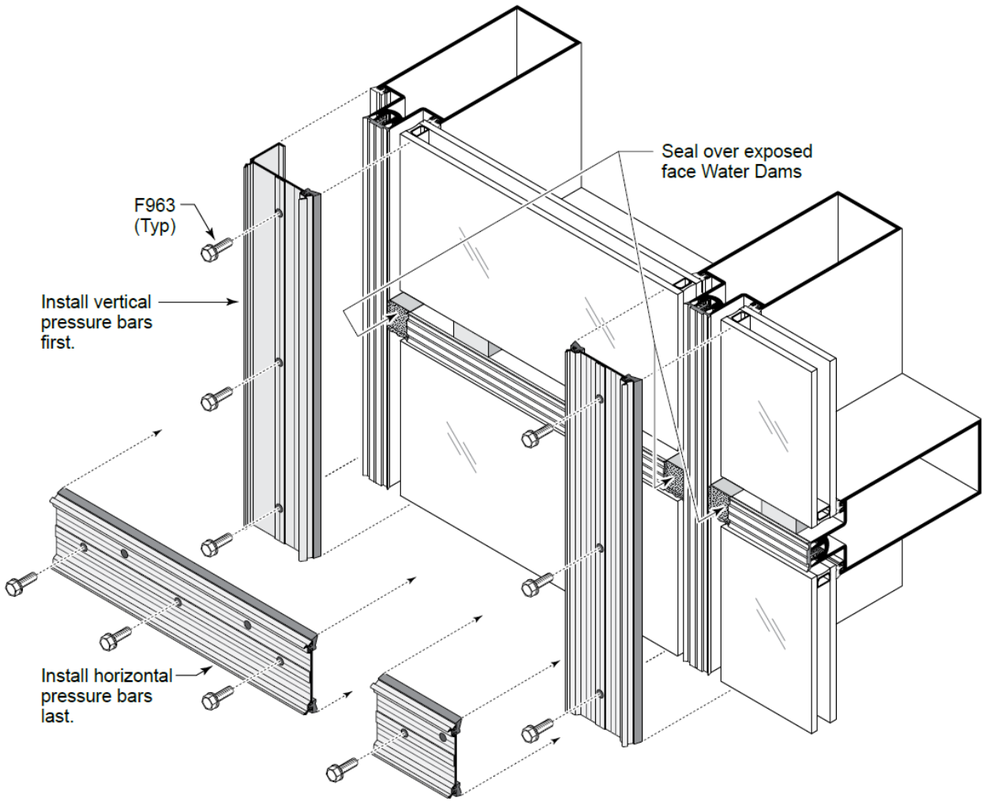


SEAL HORIZONTAL MULLION FASTENER HEADS





INSTALL WATER DAMS



INSTALL PRESSURE PLATES

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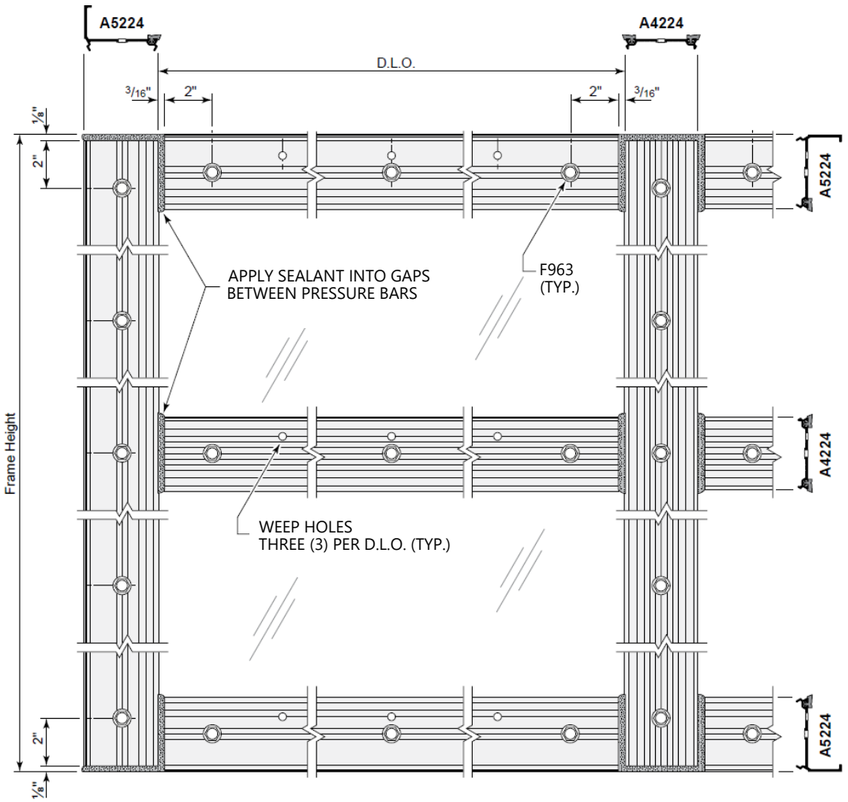
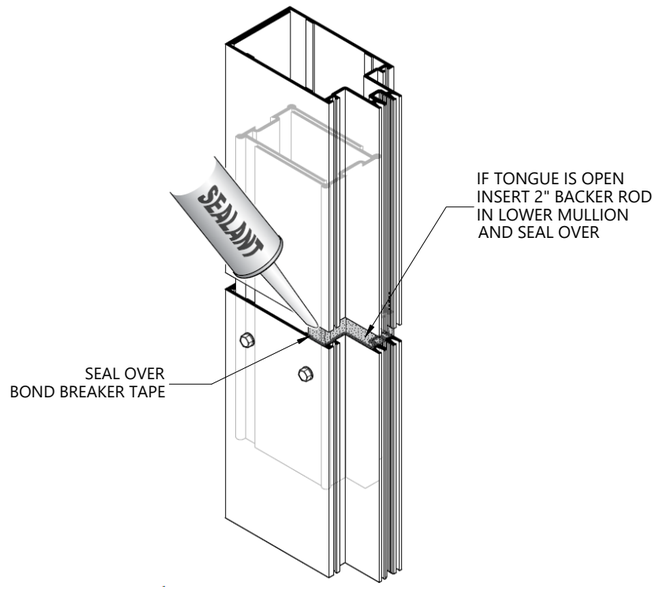
SHEET: **S-2**

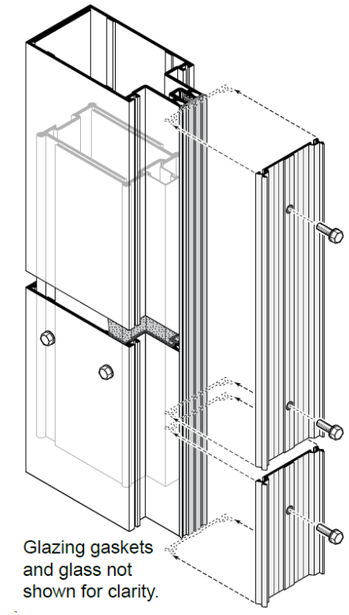
SUPPLEMENTAL INSTALLATION INSTRUCTIONS (GENERIC)



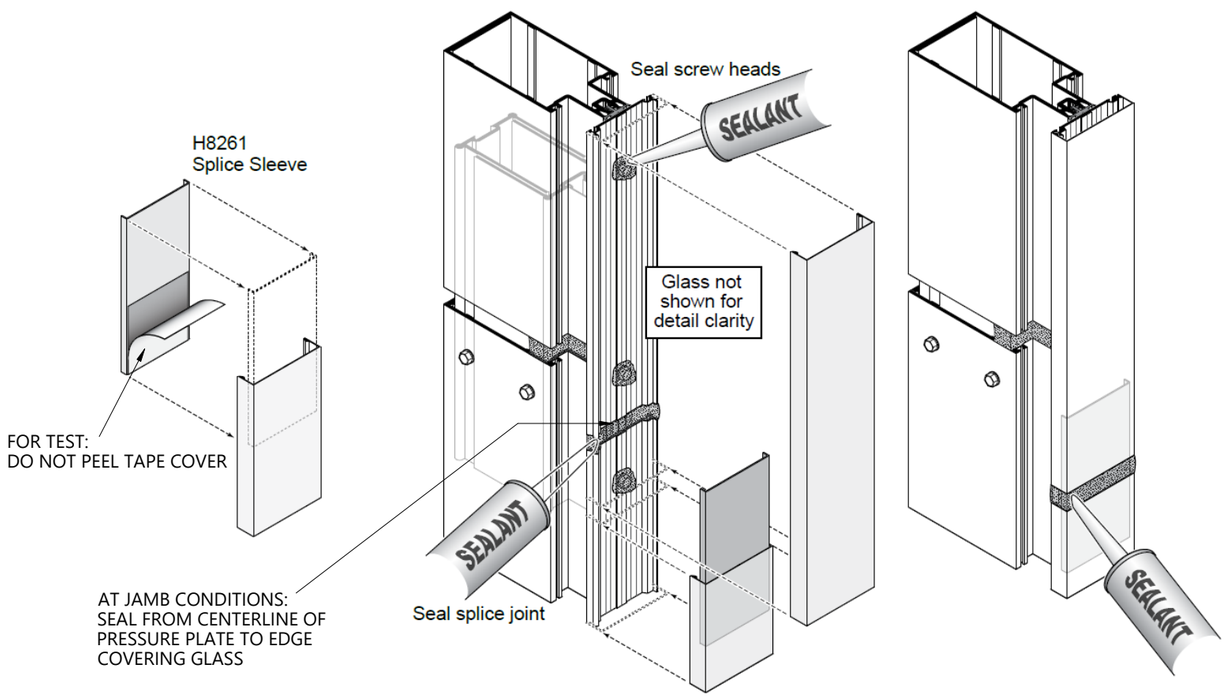
INSTALL PRESSURE PLATES (2)



SEALING MULLION SPLICE



PRESSURE PLATE AT MULLION SPLICE



SEALING PRESSURE PLATE AND FACE COVER SPLICE

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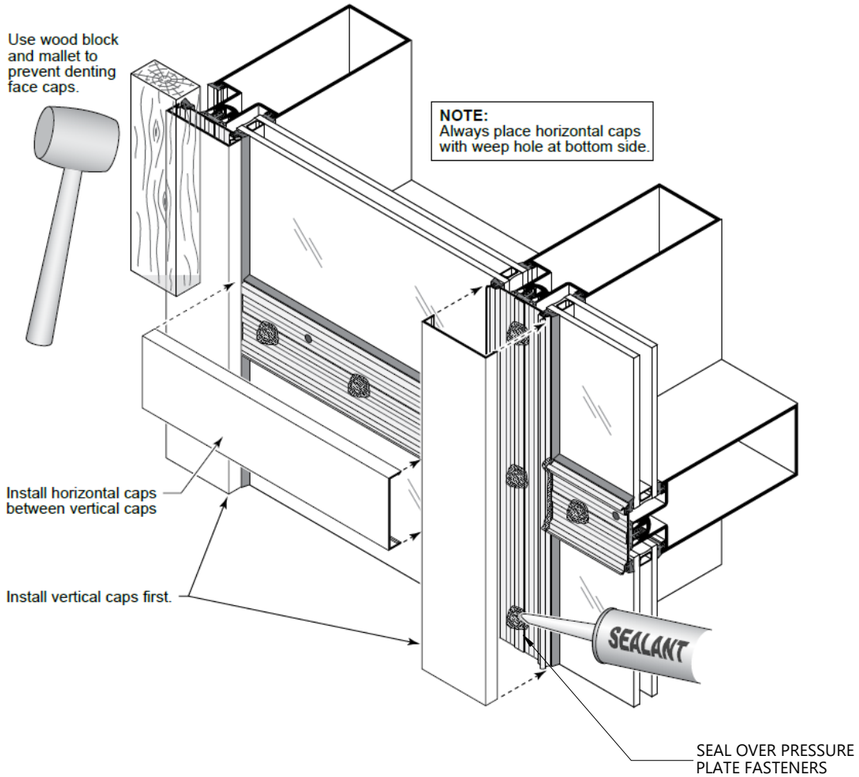
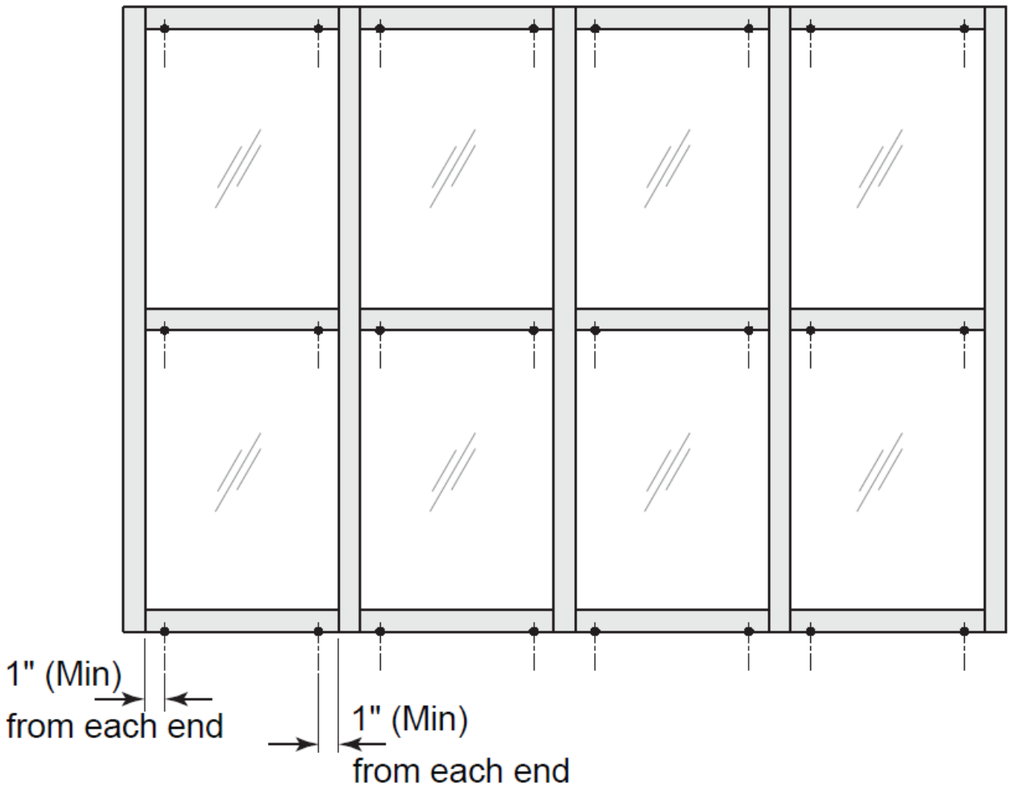
SCALE: **N/A**

SHEET: **S-3**

SUPPLEMENTAL INSTALLATION INSTRUCTIONS (GENERIC)



FACE CAP INSTALLATION



FACE COVER WEEP HOLES

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SHEET: **S-4**