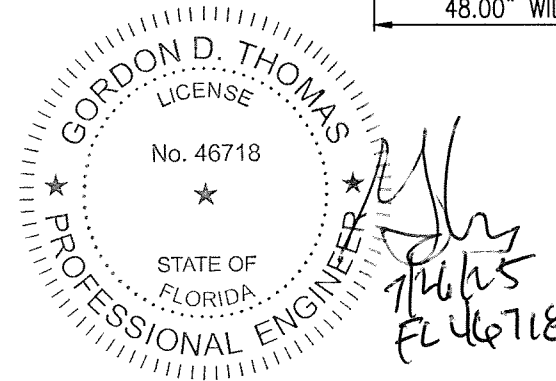
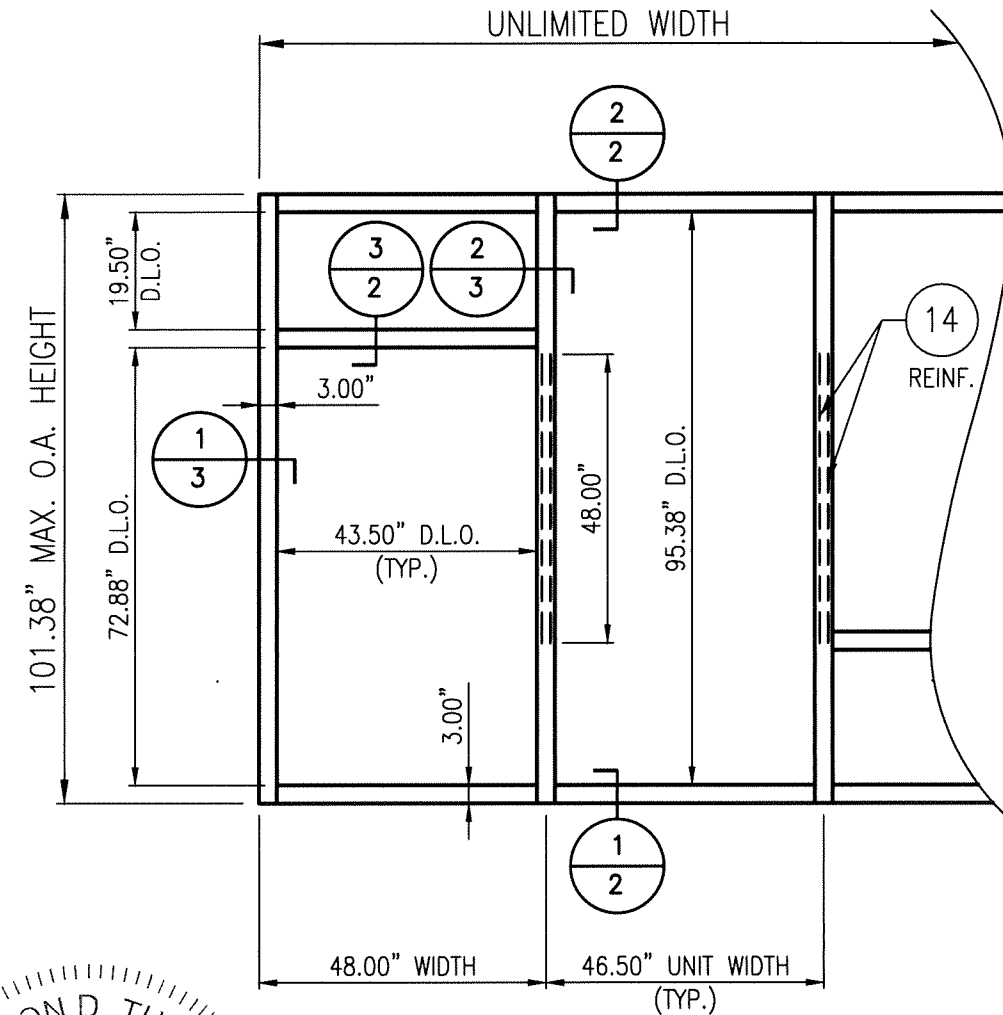




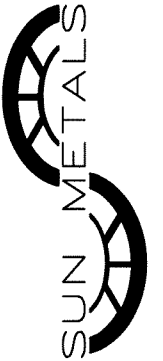
1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
4. When used in areas outside of the "HVHZ" requiring wind borne debris protection this product complies with Section 1609.1.2 of the 2023 FBC and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996 and FBC Section 1609.1.2.2.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
6. This product meets water infiltration requirements for "HVHZ". WATER INFILTRATION: 20 PSF
7. Gaskets and setting blocks shall comply with Section 2411.3.4 of the FBC.
8. Aluminum components, including fasteners, shall meet the requirements of FBC Section 2003.

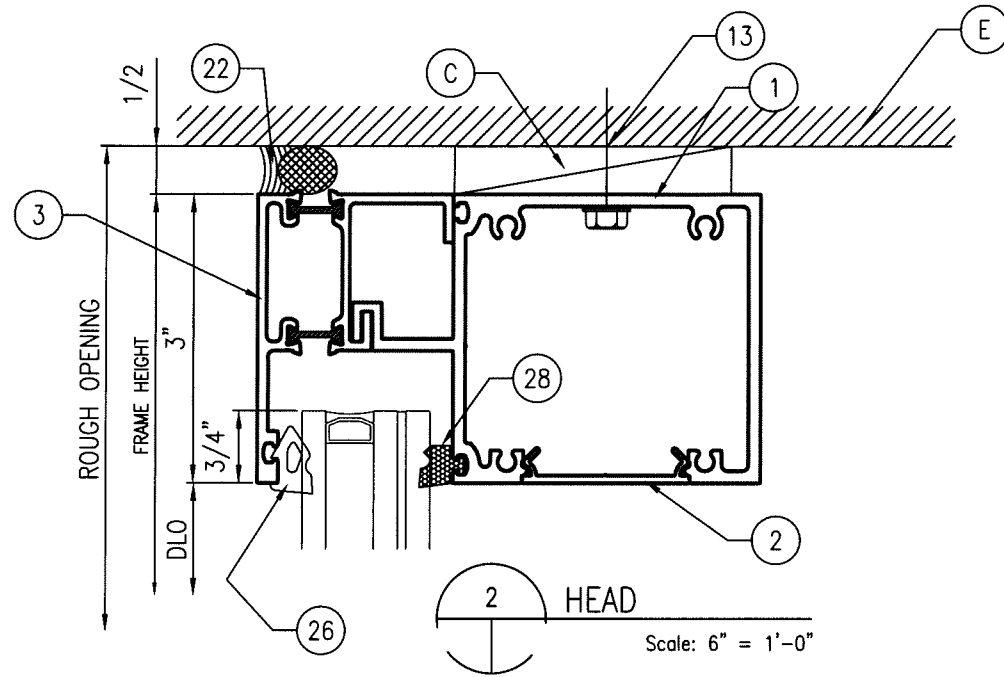
TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	TYPICAL ELEVATIONS, DESIGN PRESSURES AND GENERAL NOTES
2	VERTICAL CROSS SECTIONS
3	HORIZONTAL CROSS SECTIONS
4	HEAD ANCHORING ELEVATIONS & ANCHORING SCHEDULE
5	SILL ANCHORING ELEVATIONS
6	COMPONENTS
7	BILL OF MATERIAL, GLAZING DETAILS AND COMPONENTS



MAX. OPENING HEIGHT	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
101.38"	43.50" x 72.88"	G1	+100.0	-100.0
	43.50" x 95.38"	G2	+100.0	-100.0

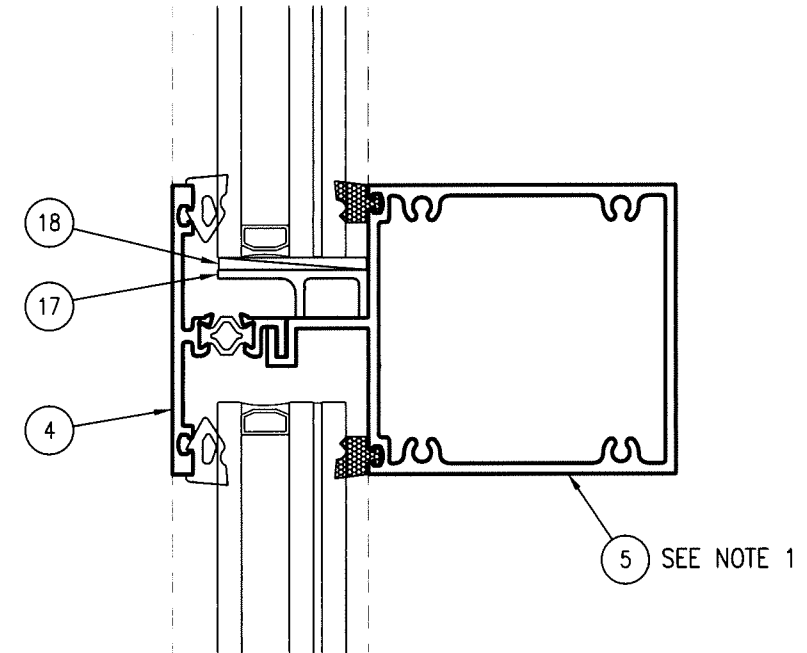
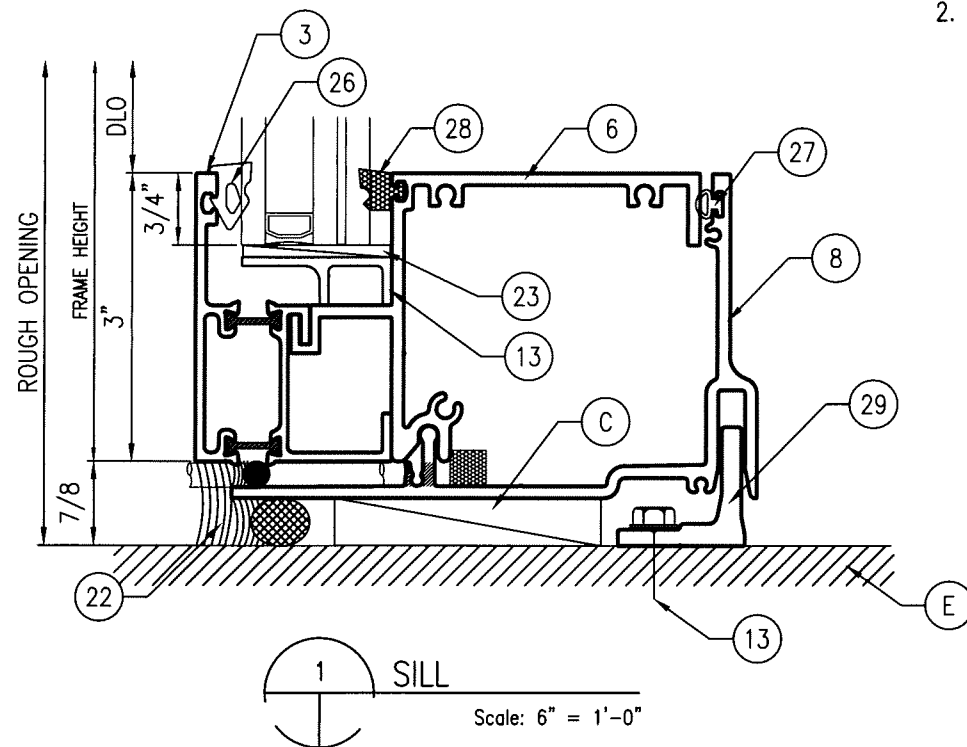
5008 TAMPA WEST BLVD.
TAMPA, FLORIDA 33634
PHONE: (813) 889-0718
FAX: (813) 886-0666

[illegible]

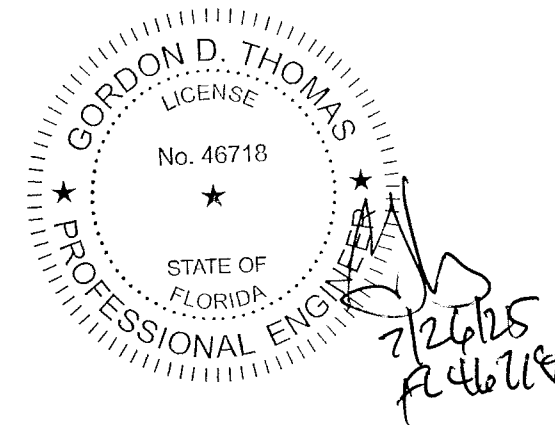


NOTES:

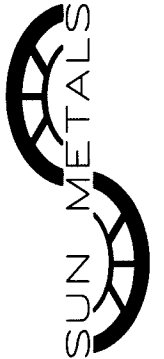
1. FRAME HEAD AND HORIZONTALS ARE ATTACHED TO JAMBS/MULLIONS AT EACH END WITH (4) #12 x 1-1/2" PH SMS.
2. FRAME SILL IS ATTACHED TO JAMBS/ MULLIONS AT EACH END WITH (3) #12 x 1-1/2" PH SMS



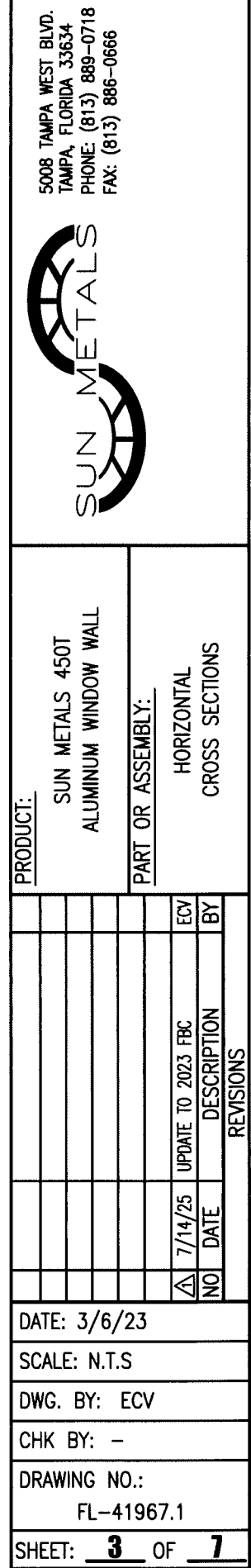
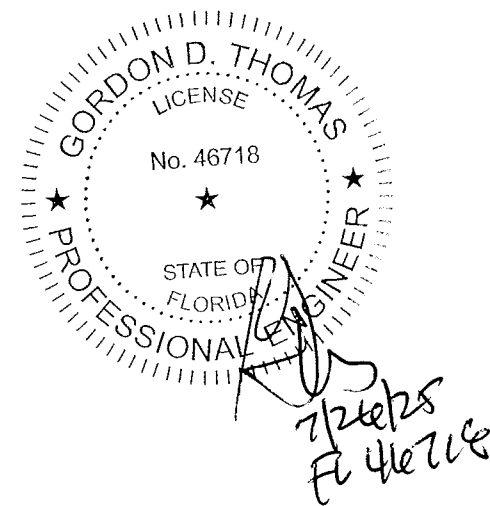
3 HORIZONTAL
1 5/16" Glazing
Scale: 6" = 1'-0"

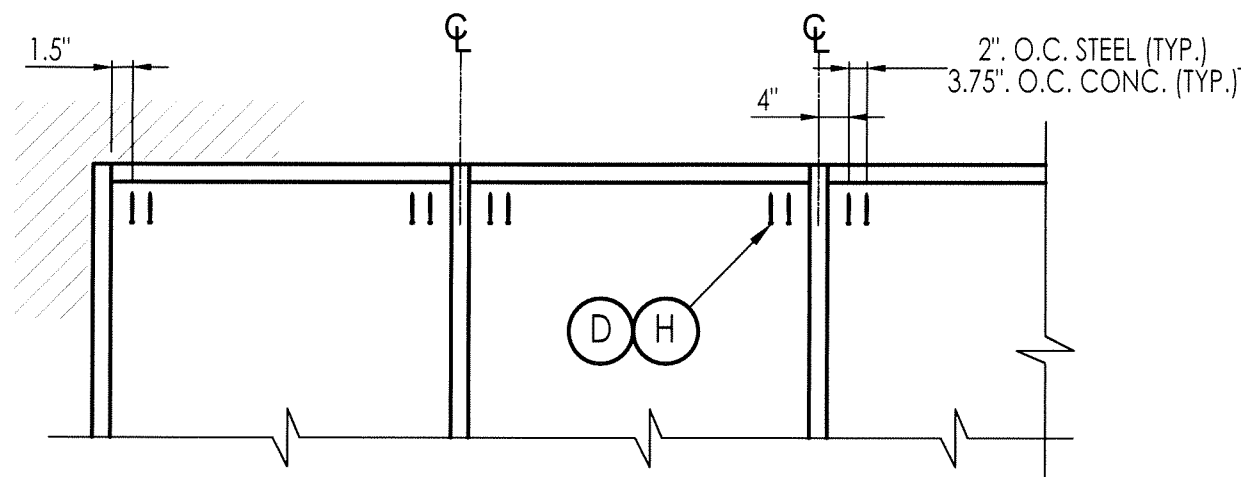


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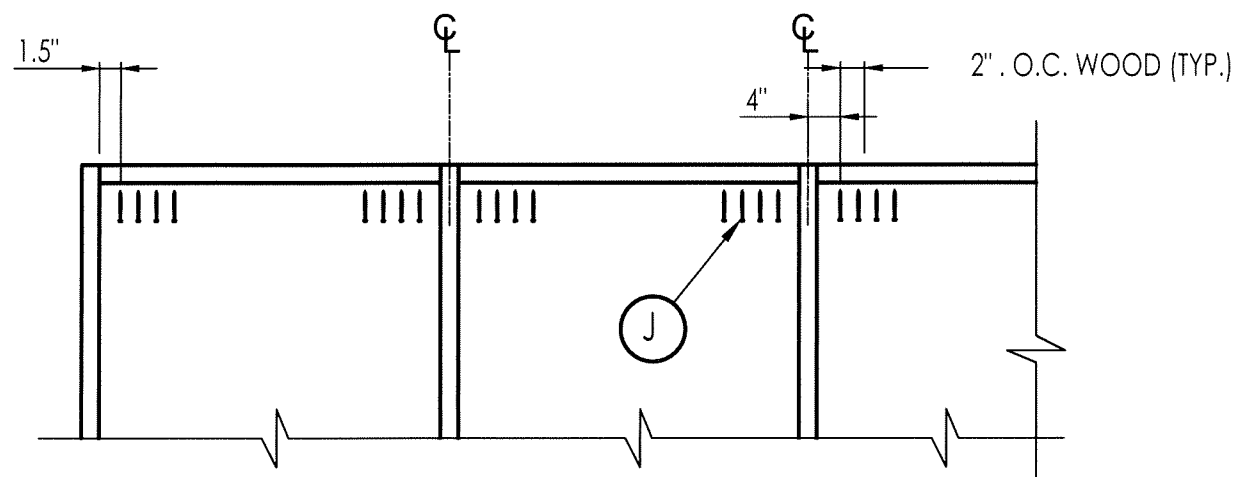
PRODUCT:		SUN METALS 450T ALUMINUM WINDOW WALL	
PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS	
DATE	7/14/25	DESCRIPTION	BY
NO	1	REVISIONS	ECV
DATE: 3/6/23			
SCALE: N.T.S			
DWG. BY: ECV			
CHK BY: -			
DRAWING NO.: FL-41967.1			
SHEET: 2 OF 1			





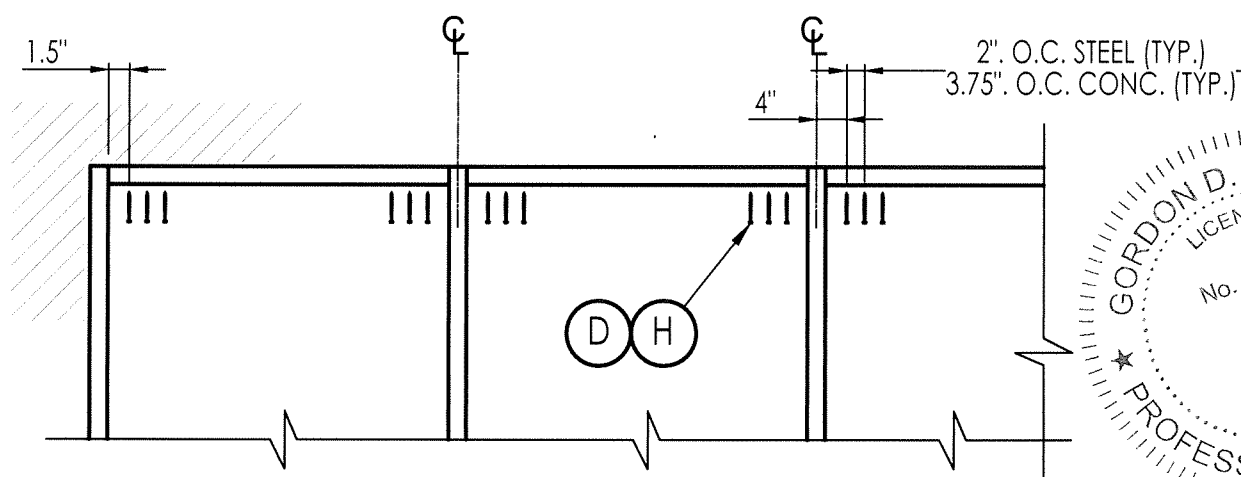
ANCHORING
(CONCRETE & STEEL)

MAX. SHIM SPACE @ HEAD <= 1/4"
MAX. DP <= 70 PSF



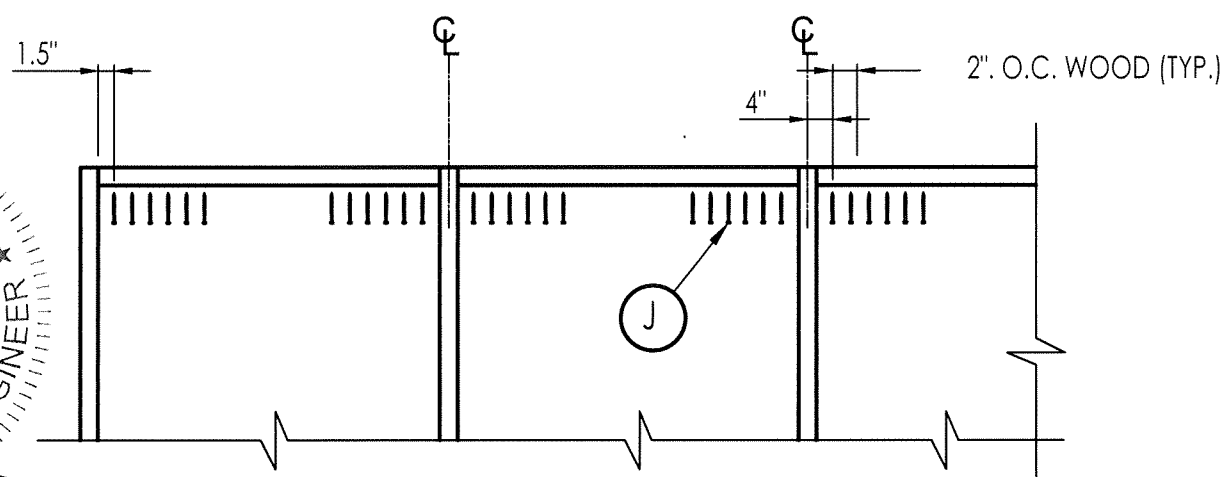
ANCHORING
(WOOD)

MAX. SHIM SPACE @ HEAD <= 1/4"
MAX. DP <= 75 PSF



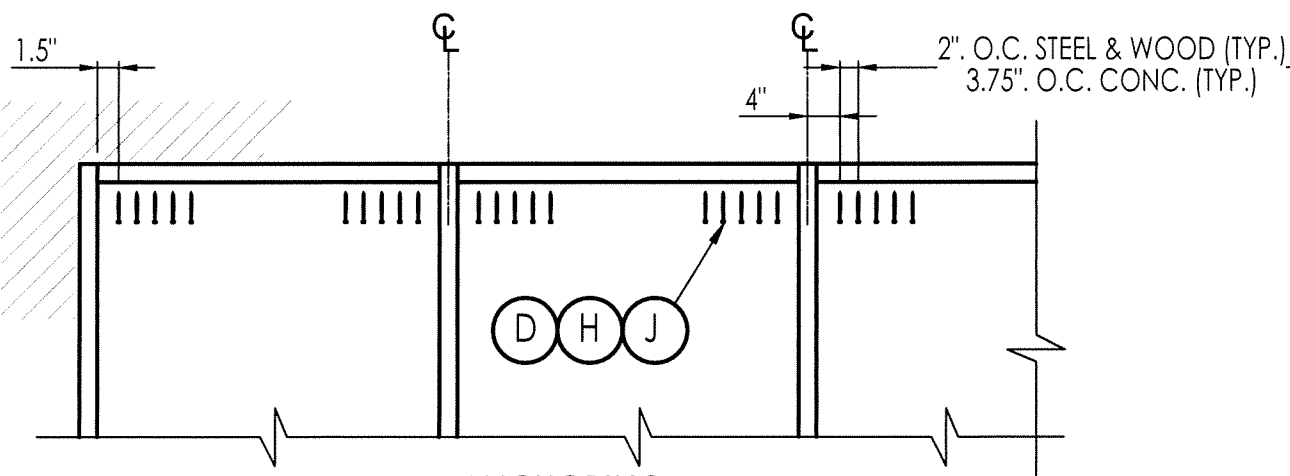
ANCHORING
(CONCRETE & STEEL)

MAX. SHIM SPACE @ HEAD <= 1/4"
MAX. DP @ HEAD <= 100 PSF



ANCHORING
(WOOD)

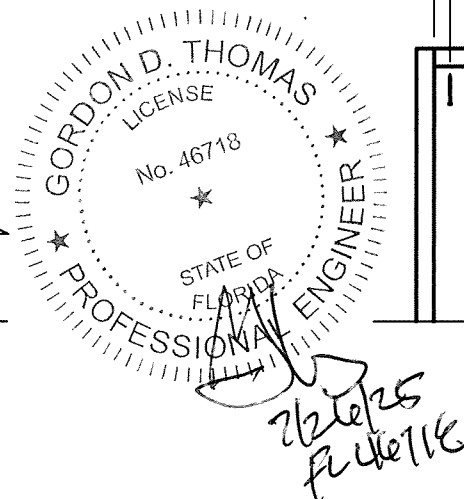
MAX. SHIM SPACE @ HEAD <= 1/4"
MAX. DP @ HEAD <= 100 PSF



ANCHORING
(CONCRETE, STEEL & WOOD)

MAX. SHIM SPACE @ HEAD <= 1/2"
MAX. DP <= 75 PSF

SUBSTRATE	ANCHOR SCHEDULE	
CONCRETE	(D)	5/16"Ø HWH ITW Tapcon® XL concrete anchor with 1-3/4" min. embedment, 2-3/16" minimum edge distance and 3-3/4" (@ head) & 3-1/2" (@ sill) min. clearance to adjacent concrete anchors. Concrete is 3000 PSI minimum conforming to ACI 301.
STEEL	(H)	5/16"Ø HWH Hilti KWIK-FLEX self-drilling screws w/ minimum 3 threads protruding through the substrate. 1" min. edge distance and 1" min CL to CL spacing. Steel shall be ASTM A653 Grade 33 with Fy=33 KSI min, and Fu=45 KSI min. 0.06" min. thickness (16 ga. min.)
WOOD	(J)	#24 wood screw with 2-1/4" embedment, 1-1/2" minimum edge distance and 1-1/2" CL to CL minimum. 2x wood substrate SG >= 0.55



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PRODUCT: SUN METALS 450T
ALUMINUM WINDOW WALL

PART OR ASSEMBLY:
HEAD ANCHORING ELEVATIONS
& ANCHORING SCHEDULE

NO	DATE	DESCRIPTION	BY	ECV
1	7/14/25	UPDATE TO 2023 FBC		

DATE: 3/6/23

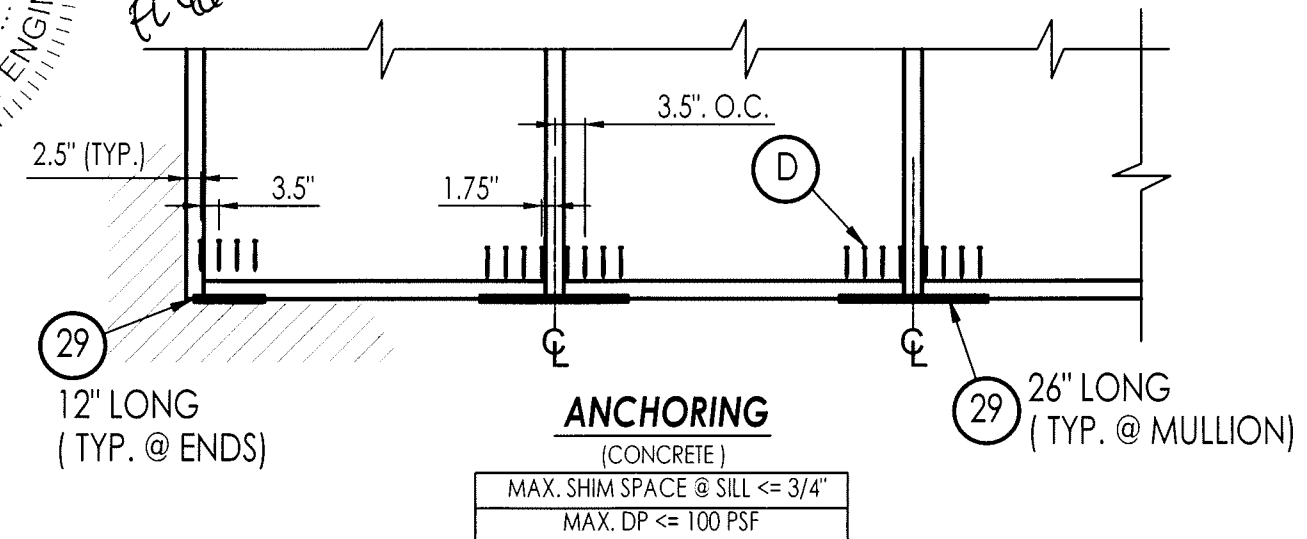
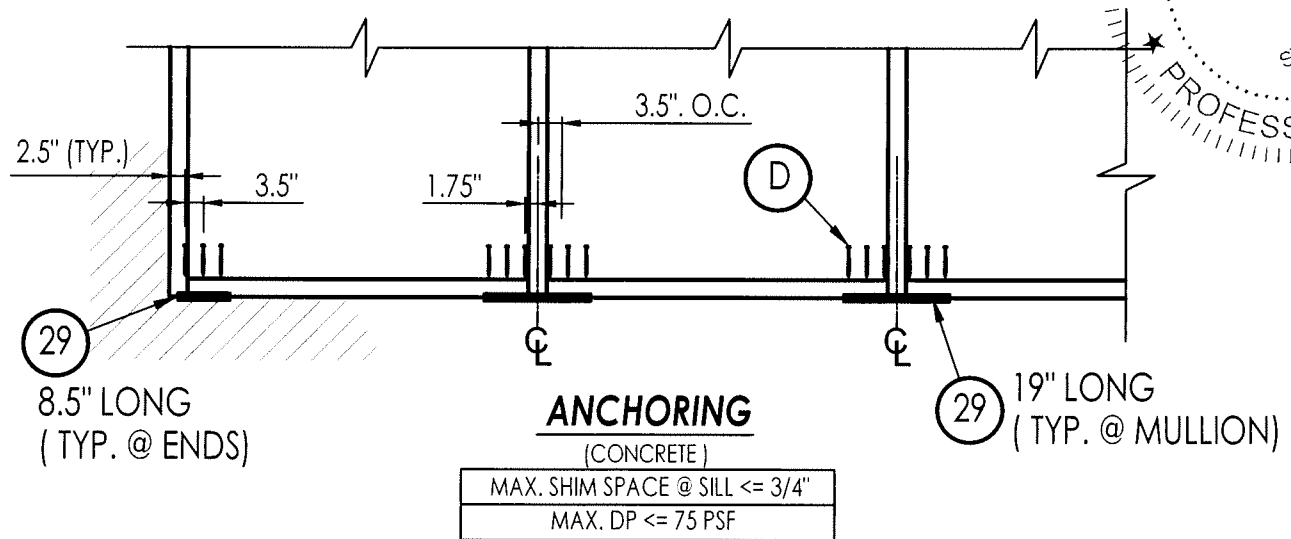
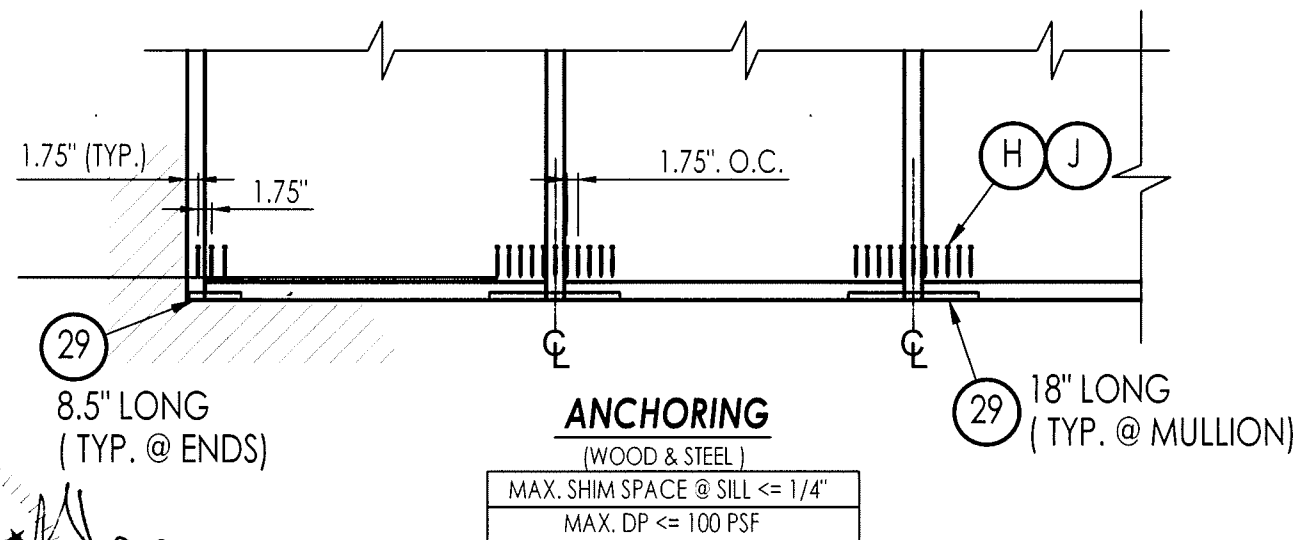
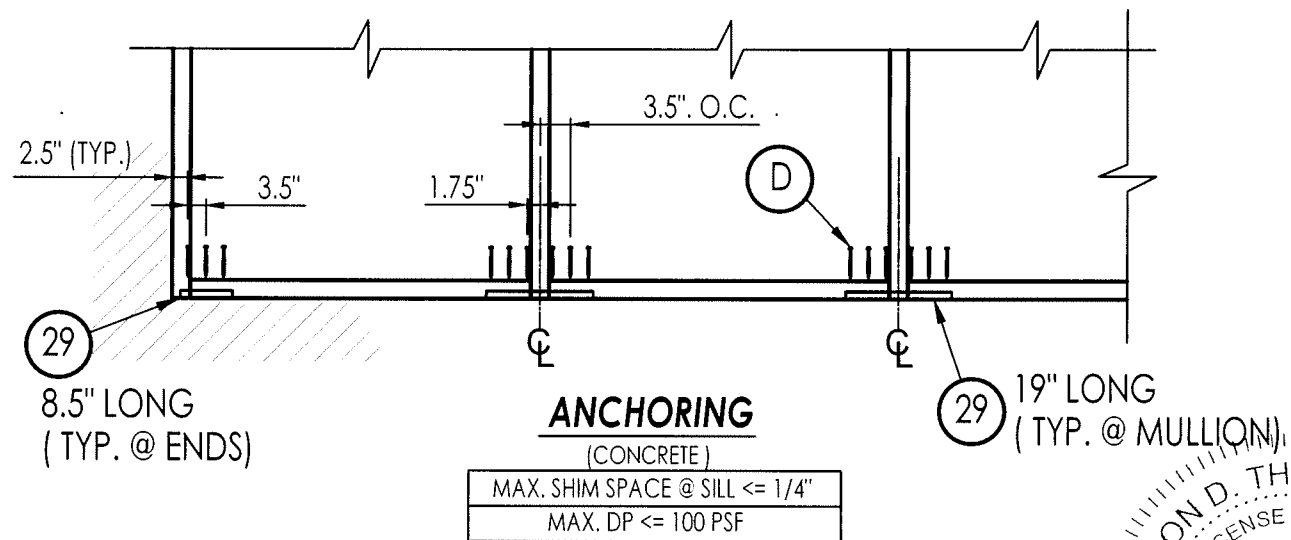
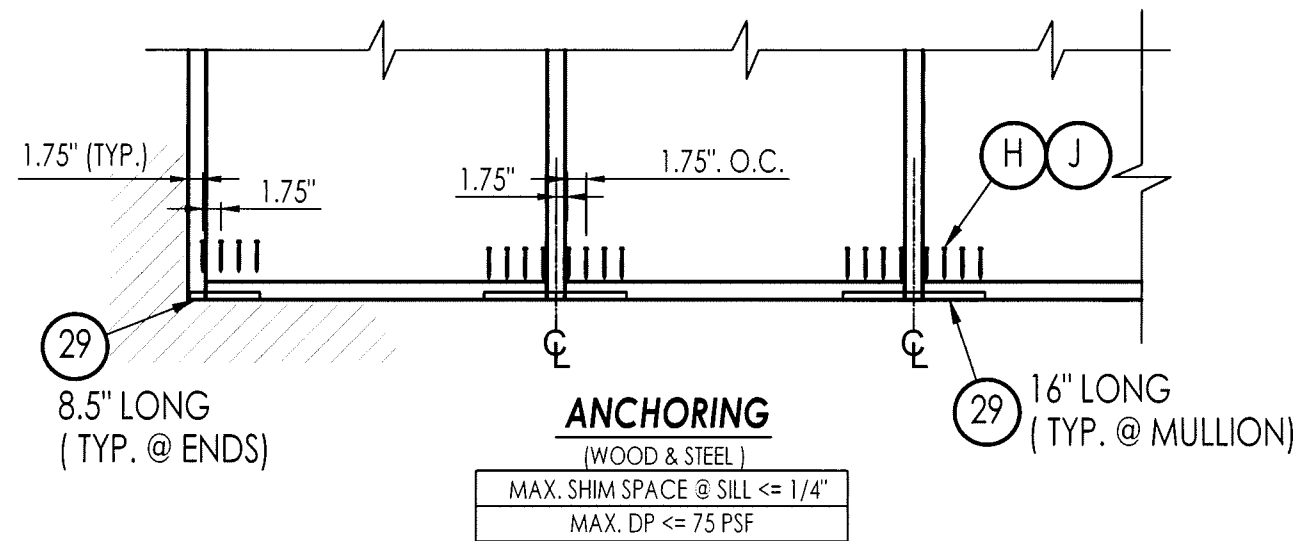
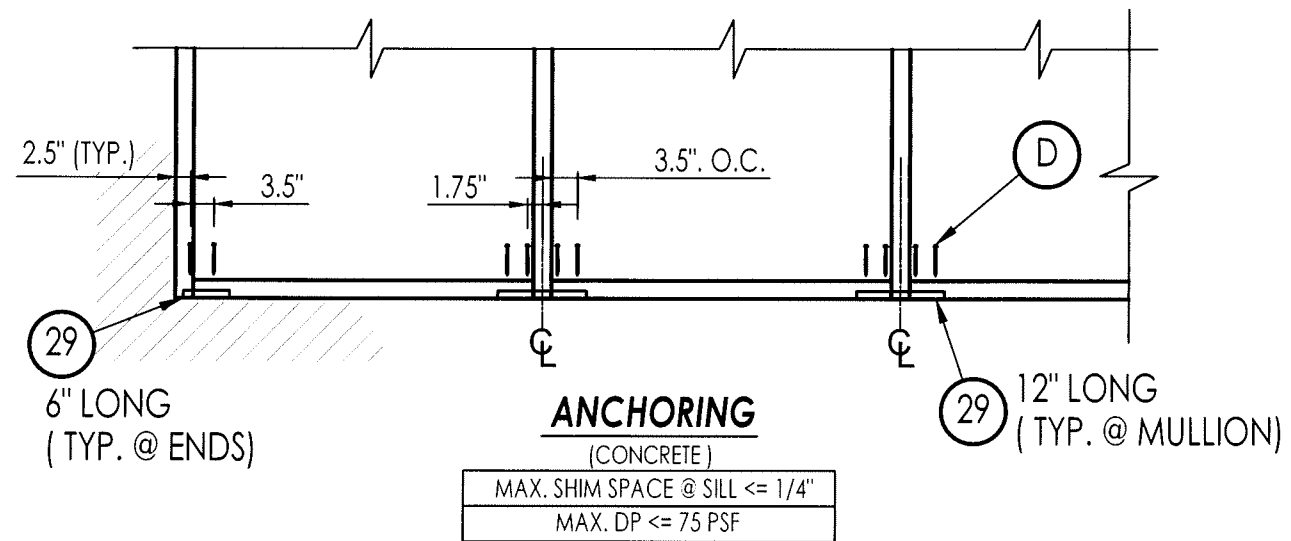
SCALE: N.T.S

DWG. BY: ECV

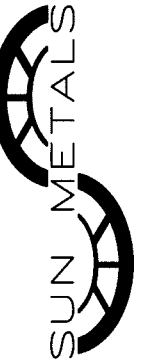
CHK BY: -

DRAWING NO.: FL-41967.1

SHEET: 4 OF 7



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FAX: (813) 886-0666



PRODUCT:
SUN METALS 450T
ALUMINUM WINDOW WALL

PART OR ASSEMBLY:
SILL ANCHORING ELEVATIONS

NO	DATE	DESCRIPTION	BY
1	7/14/25	UPDATE TO 2023 FBC	ECV

DATE: 3/6/23

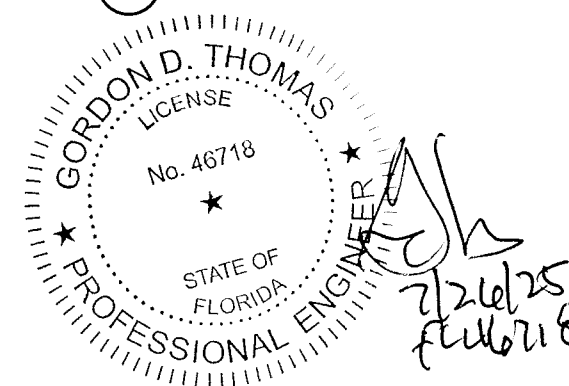
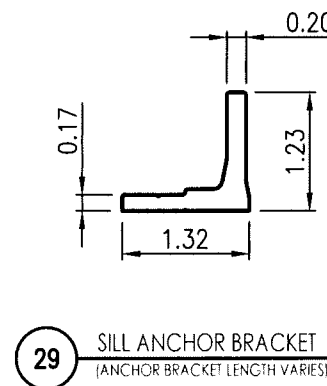
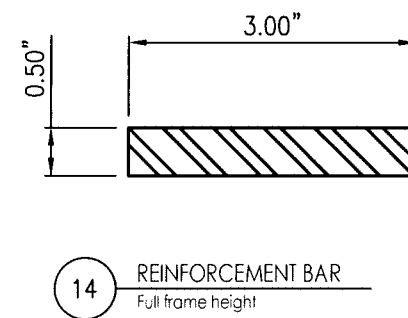
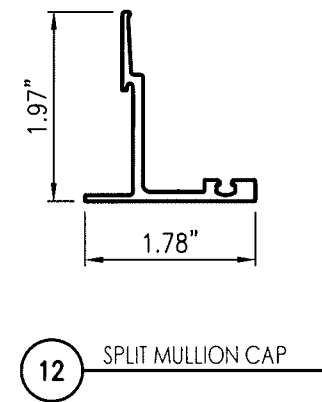
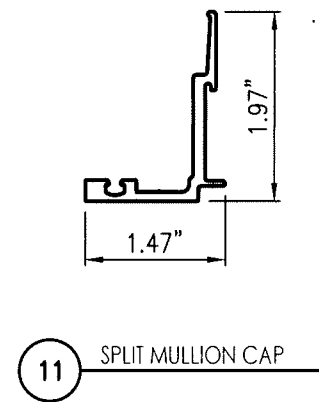
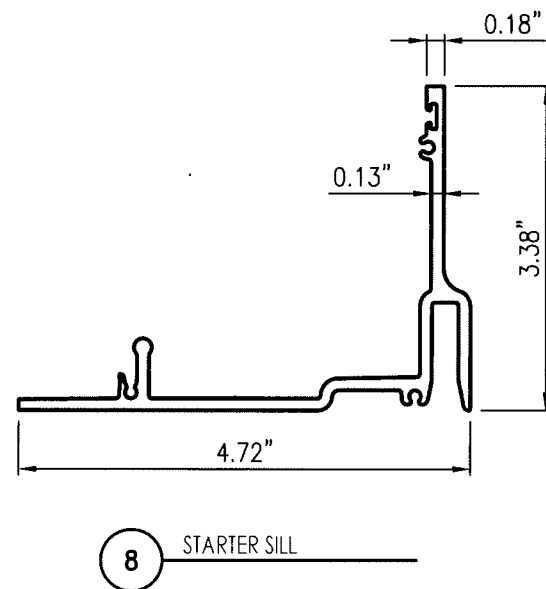
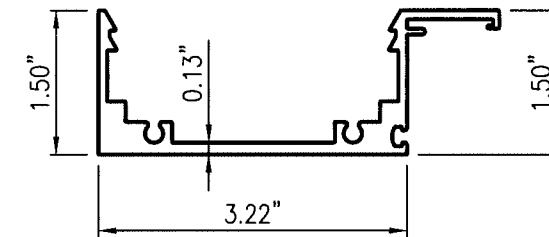
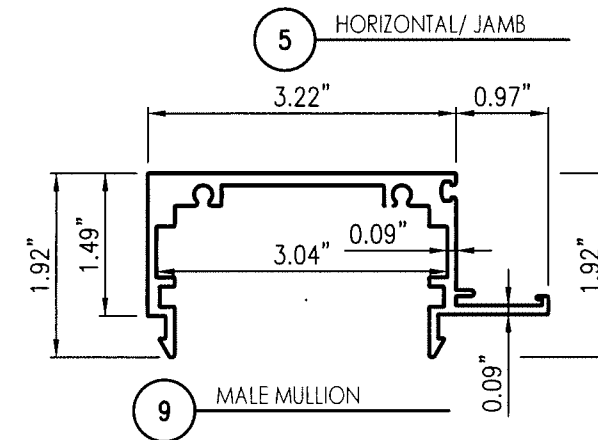
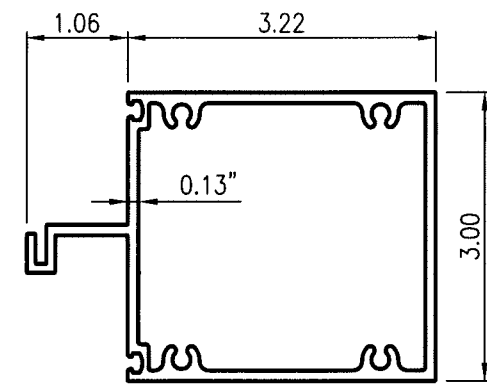
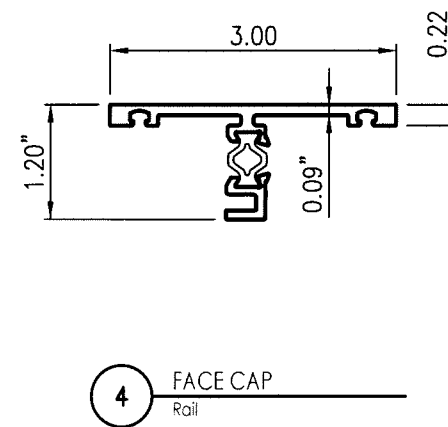
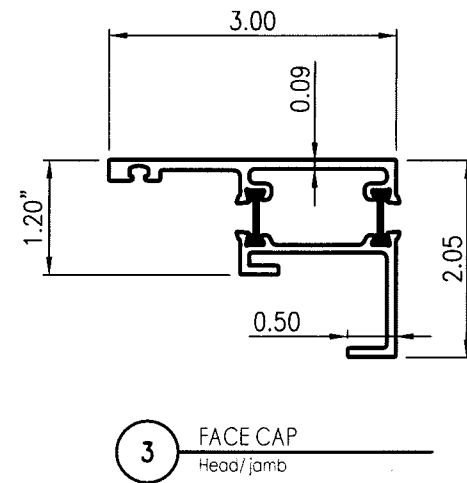
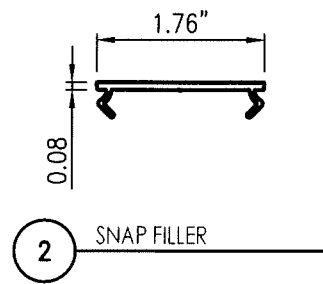
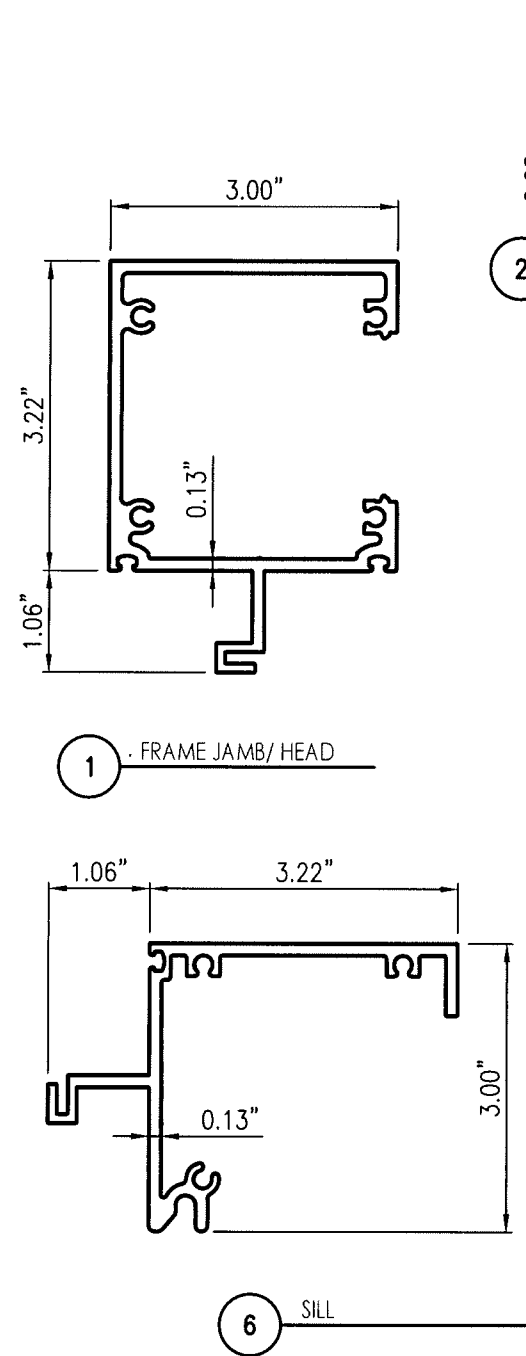
SCALE: N.T.S

DWG. BY: ECV

CHK BY: -

DRAWING NO.:
FL-41967.1

SHEET: **5** OF **7**



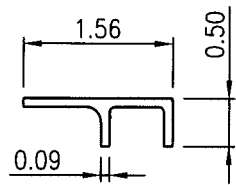
5008 TAMPA WEST BLVD.
TAMPA, FLORIDA 33634
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PRODUCT: SUN METALS 450T
ALUMINUM WINDOW WALL

PART OR ASSEMBLY:

[illegible]



17 SETTING CHAIR



25 GASKET



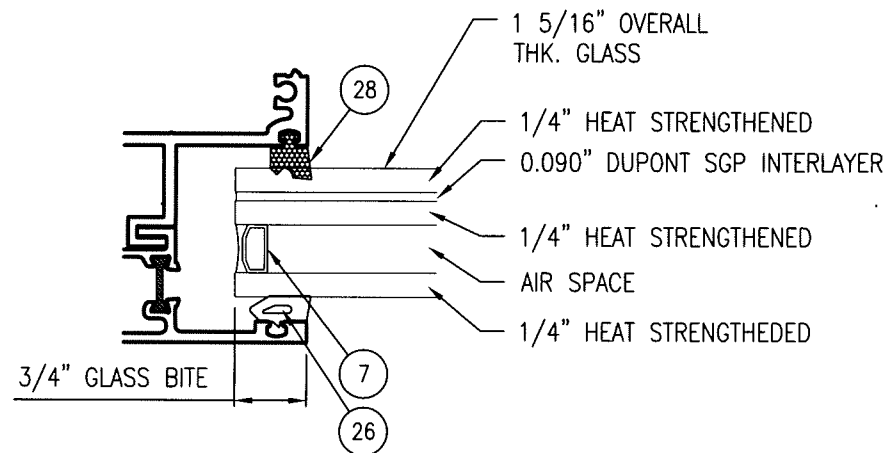
26 GASKET



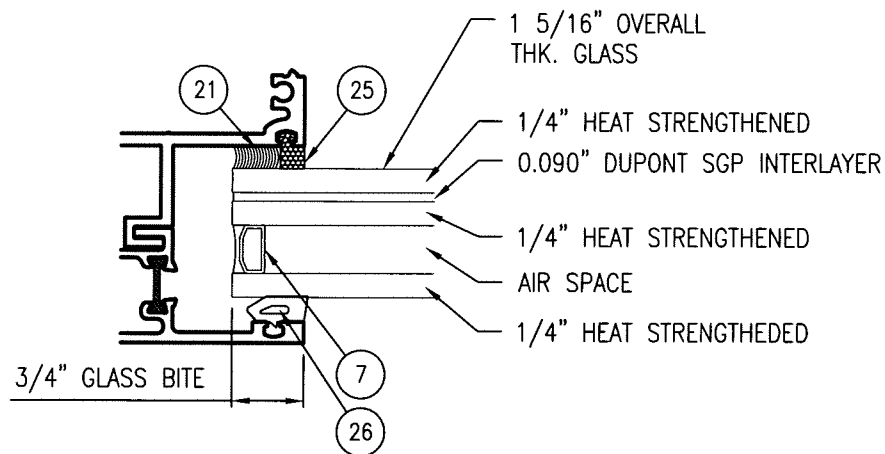
27 GASKET



28 GASKET

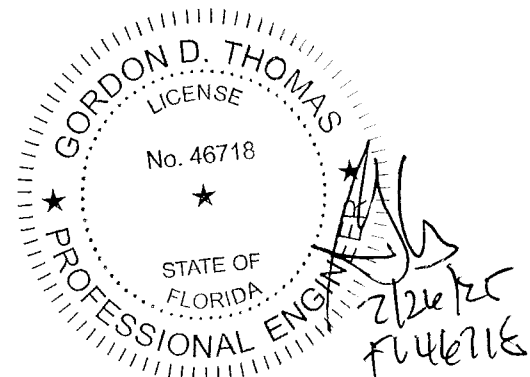


G1 GLAZING DETAIL

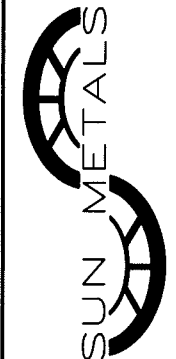


G2 GLAZING DETAIL
Interior side wet glazed

BILL OF MATERIALS				
ITEM #	PART #	DESCRIPTION	MATERIAL	MANUFACTURER
C		SHIM	POLYSTYRENE	VARIES
D		5/16" x 2 3/4" ITW TAPCON XL CONC. ANCHOR	STEEL	VARIES
E		SUBSTRATE MATERIAL	VARIES	
H		5/16" HILTI KWIK-FLEX SELF-DRILLING SMS	STEEL	VARIES
J		#24 x 2-1/4" WOOD SCREW	STEEL	VARIES
1	SUN-413	FRAME JAMB/HEAD	6063-T6	SUN METALS
2	SUN-402	POCKET SNAP FILLER	6063-T6	SUN METALS
3	SUN-466	PERIMETER FACE-CAP	6063-T6	SUN METALS
4	SUN-475	HORIZONTAL FACE-CAP	6063-T6	SUN METALS
5	SUN-405	HORIZONTAL	6063-T6	SUN METALS
6	SUN-406	SILL	6063-T6	SUN METALS
7		SPACER	6063-T5	VARIES
8	SUN-453	SILL STARTER	6063-T6	SUN METALS
9	SUN-409	MALE SPLIT MULLION	6063-T6	SUN METALS
10	SUN-410	FEMALE SPLIT MULLION	6063-T6	SUN METALS
11	SUN-469	SPLIT-MULLION FACE-CAP	6063-T6	SUN METALS
12	SUN-472	SPLIT-MULLION FACE-CAP	6063-T6	SUN METALS
13		ANCHOR PER SCHEDULE		
14		3"X1/2" STEEL BAR REINFORCING	A36	VARIES
17	SUN-435	SETTING CHAIR	6063-T6	SUN METALS
18		SETTING BLOCK (1/8" X 4")	SILICONE	VARIES
22	DOW-795	PERIMETER SILICONE SEALANT	SILICONE	DOW CORNING
23		WEEP STRAW		
24		WEEP BAFFLE		
25	TR-10681S	CAULK STOP	SILICONE	VARIES
26	TR-11419E	EXTRUDED 70 DURO WEDGE	EPDM	VARIES
27	TR-5783E	EXTRUDED 60 DURO BULB	EPDM	VARIES
28	TR-6142E	SPONGE	NEOPRENE	VARIES
29	SUN-456	SILL ANCHOR CLIP	6063-T6	SUN METALS



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PRODUCT: SUN METALS 450T ALUMINUM WINDOW WALL
PART OR ASSEMBLY: BILL OF MATERIALS GLAZING DETAILS & COMPONENTS

NO	DATE	DESCRIPTION	BY
1	7/14/25	UPDATE TO 2023 FBC	ECV

DATE: 3/6/23

SCALE: N.T.S

DWG. BY: ECV

CHK BY: -

DRAWING NO.:
FL-41967.1

SHEET: 1 OF 1