

"NON-IMPACT"

1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code structural requirements excluding 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 areas outside of the "HVHZ" requiring wind borne debris protection this product is required to be protected with an impact resistant covering that complies with Section 1609.1.2 of the 2023 FBC.
4. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

UNLIMITED WIDTH

61 1/2 UNIT WIDTH (MAX)

60 UNIT WIDTH (MAX)

60 UNIT WIDTH (MAX)

57 1/2 DLO (MAX)

57 1/2 DLO (MAX)

57 1/2 DLO (MAX)

9' [108"] MAX O.A. HEIGHT

103 5/16" DLO (MAX)

Diagram illustrating the dimensions and components of a three-panel folding door system. The system consists of three panels, each with a maximum width of 60 units. The total width is unlimited. The maximum height of the door is 9 feet (108 inches). The maximum depth of the door is 103 5/16 inches. The maximum depth of the door is 57 1/2 inches. The diagram shows the door panels, the frame, and the hardware (rollers and guides) used to operate the door.

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



PRODUCT: SUN-600T
WINDOW WALL

PART OR ASSEMBLY: GENERAL NOTES
AND DESIGN PRESSURES

[illegible]

DATE: 01/12/24

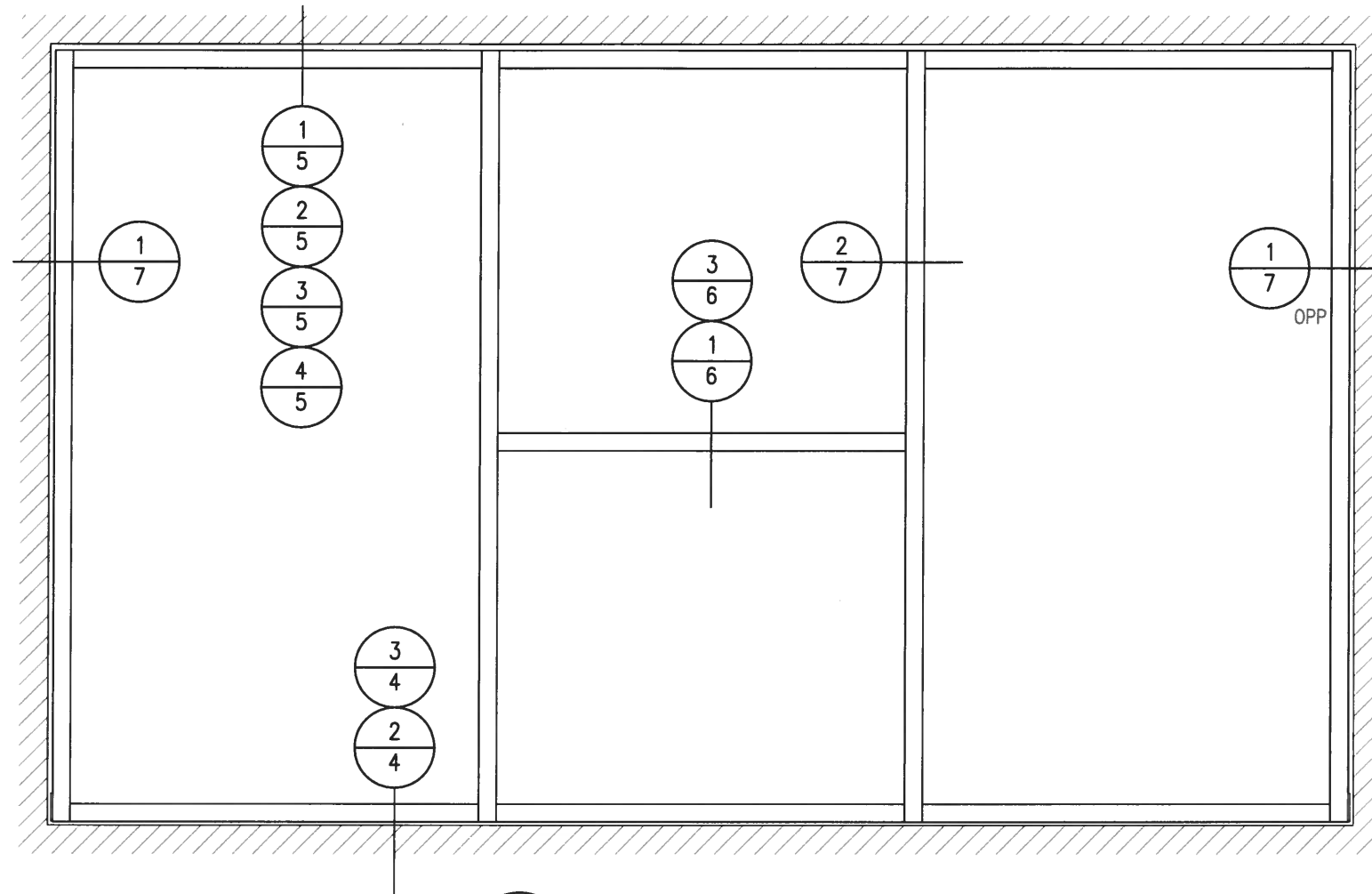
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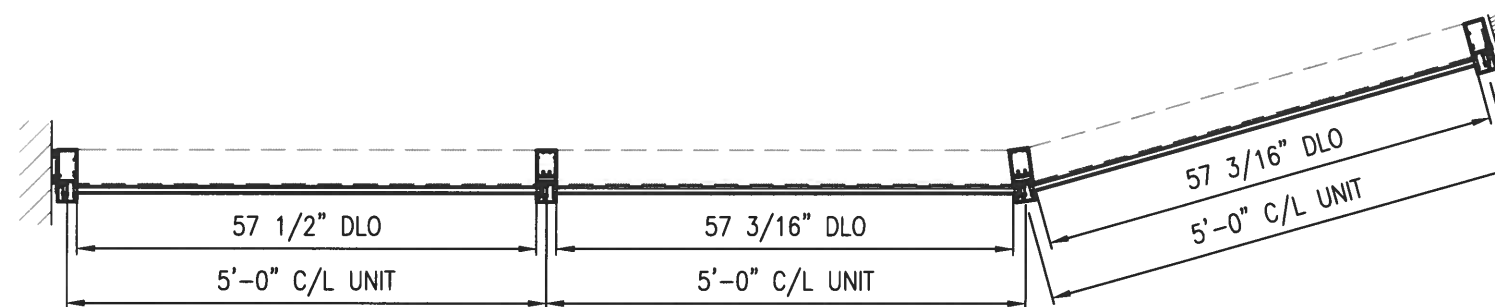
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DRAWING NO.:
FL46491.1

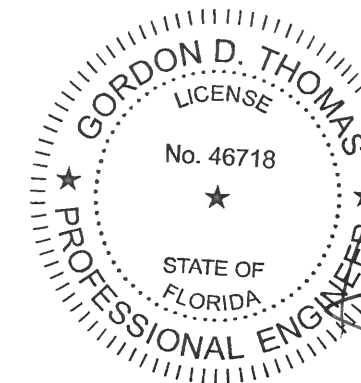
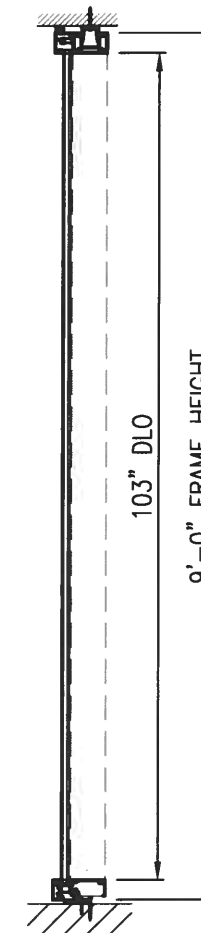
SHEET: **1** OF **12**



A 600T CAPTURED ELEVATION
Scale: 1/2" = 1'-0"

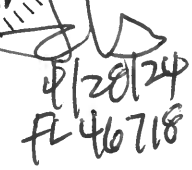


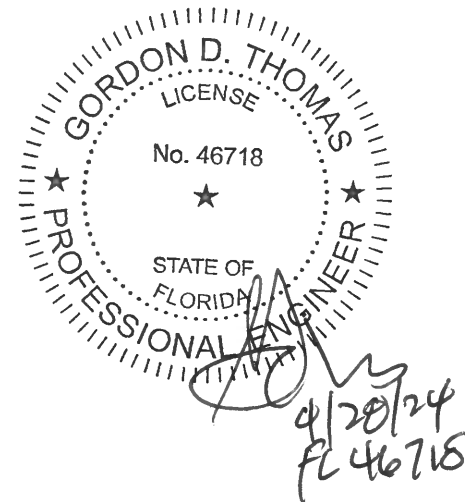
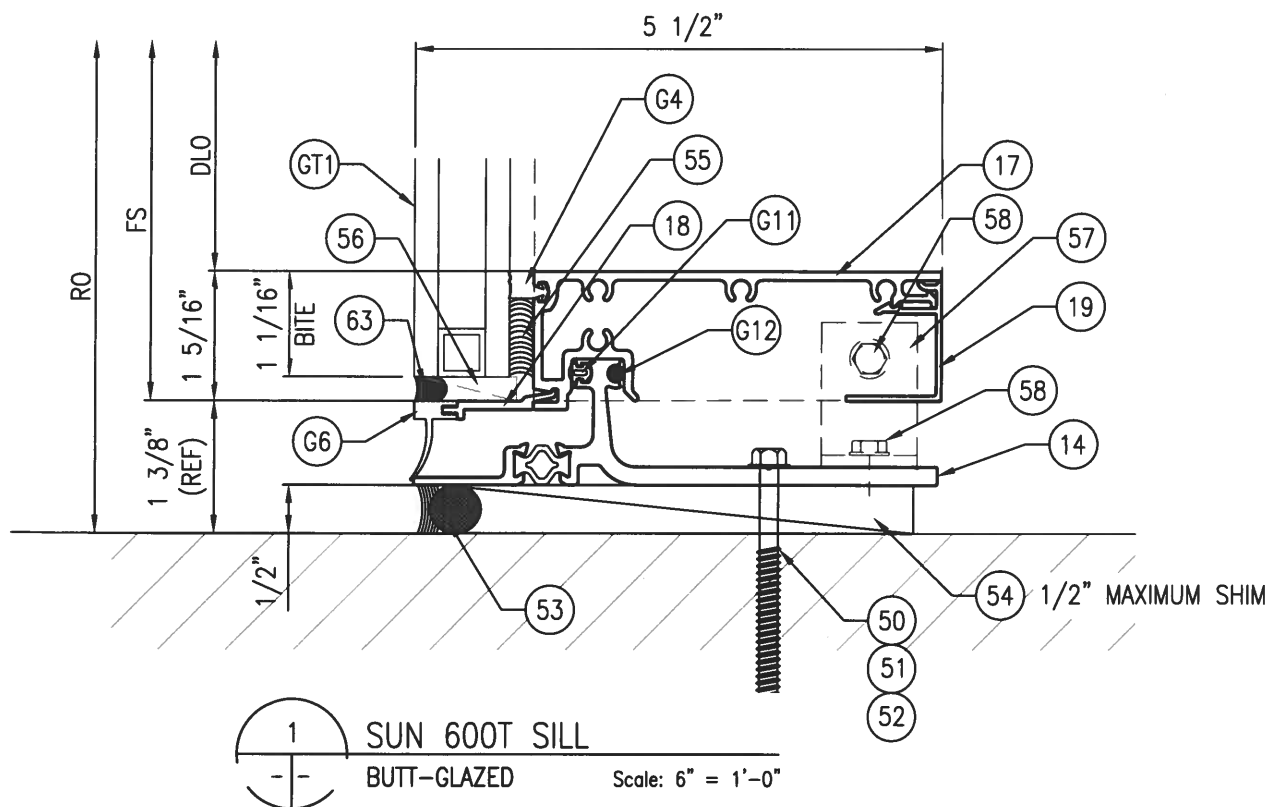
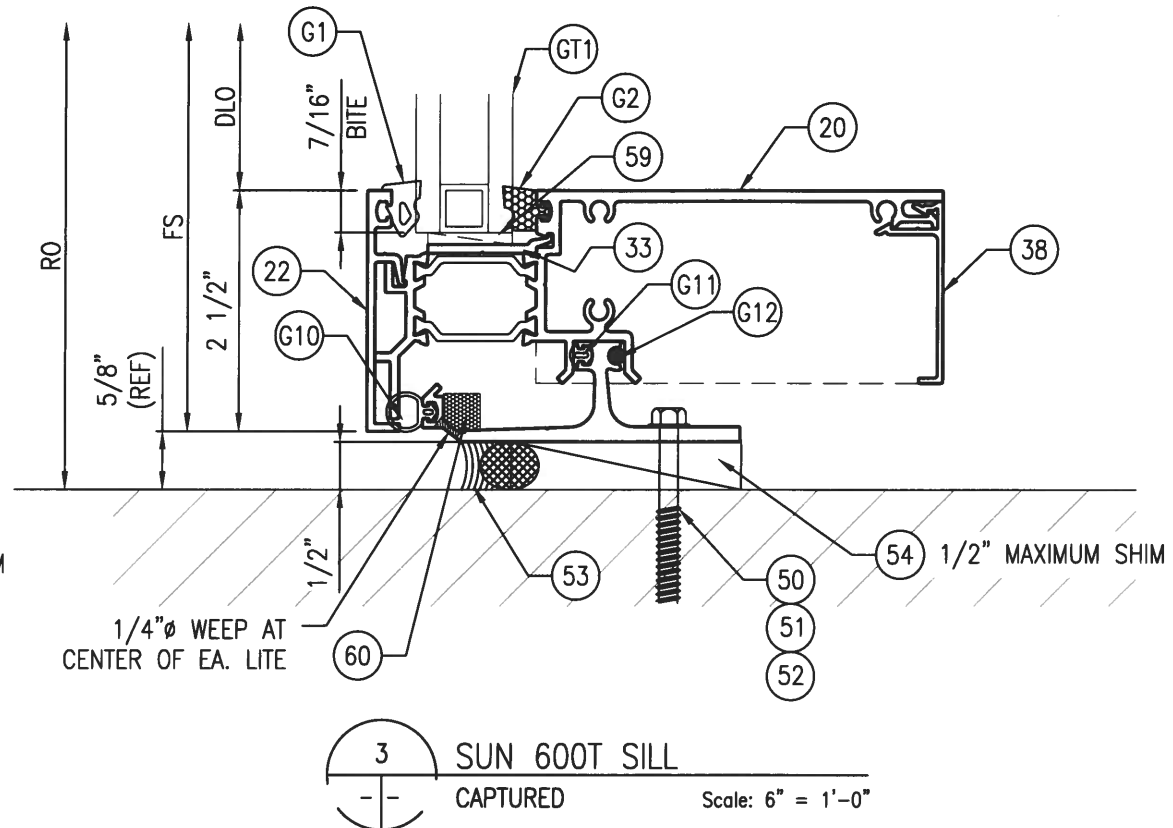
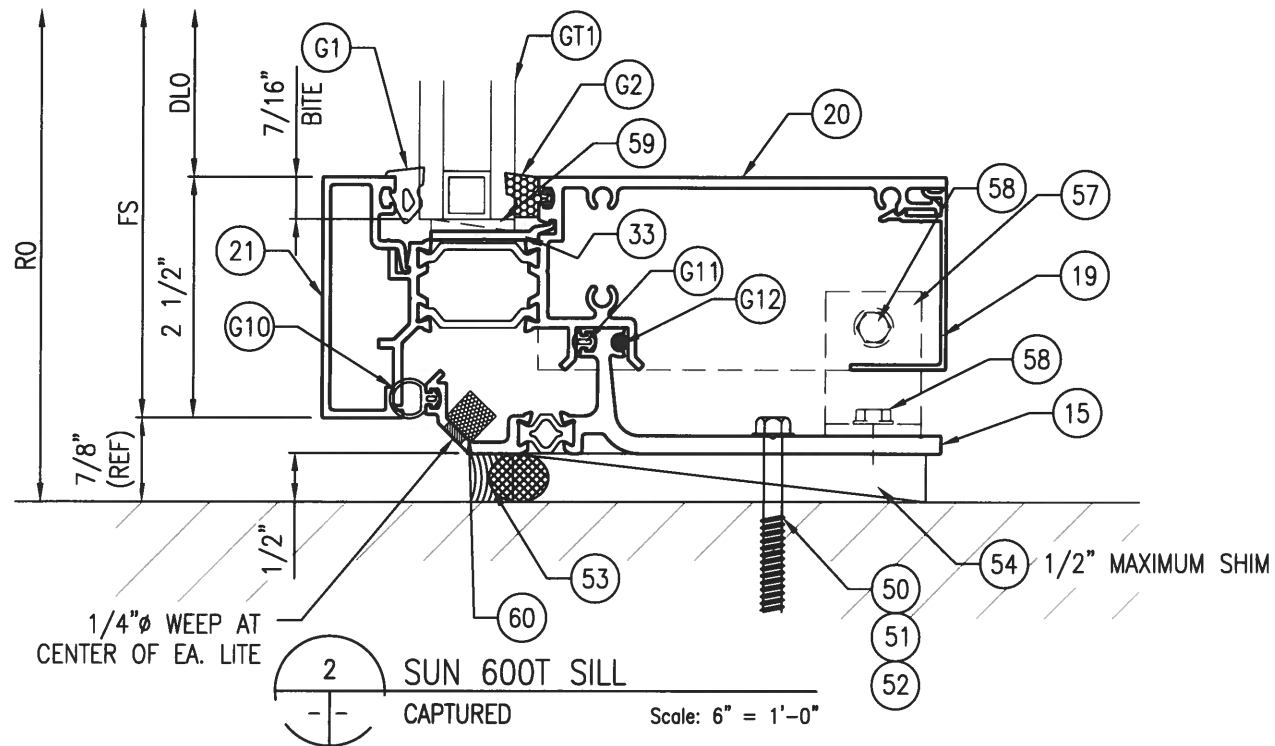
PLAN 600T CAPTURED PLAN
Scale: 1/2" = 1'-0"



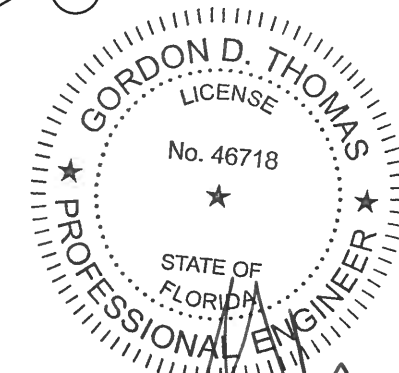
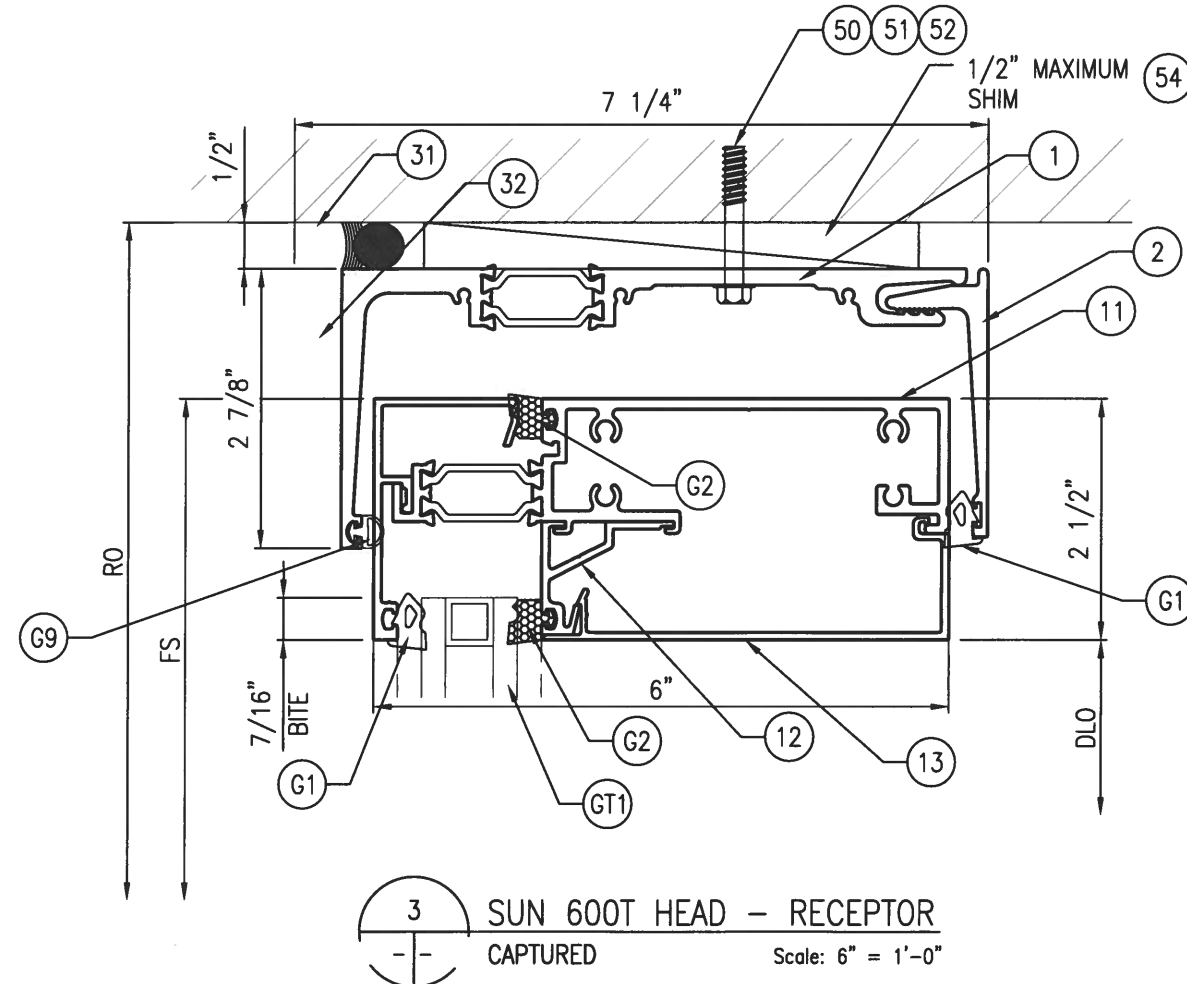
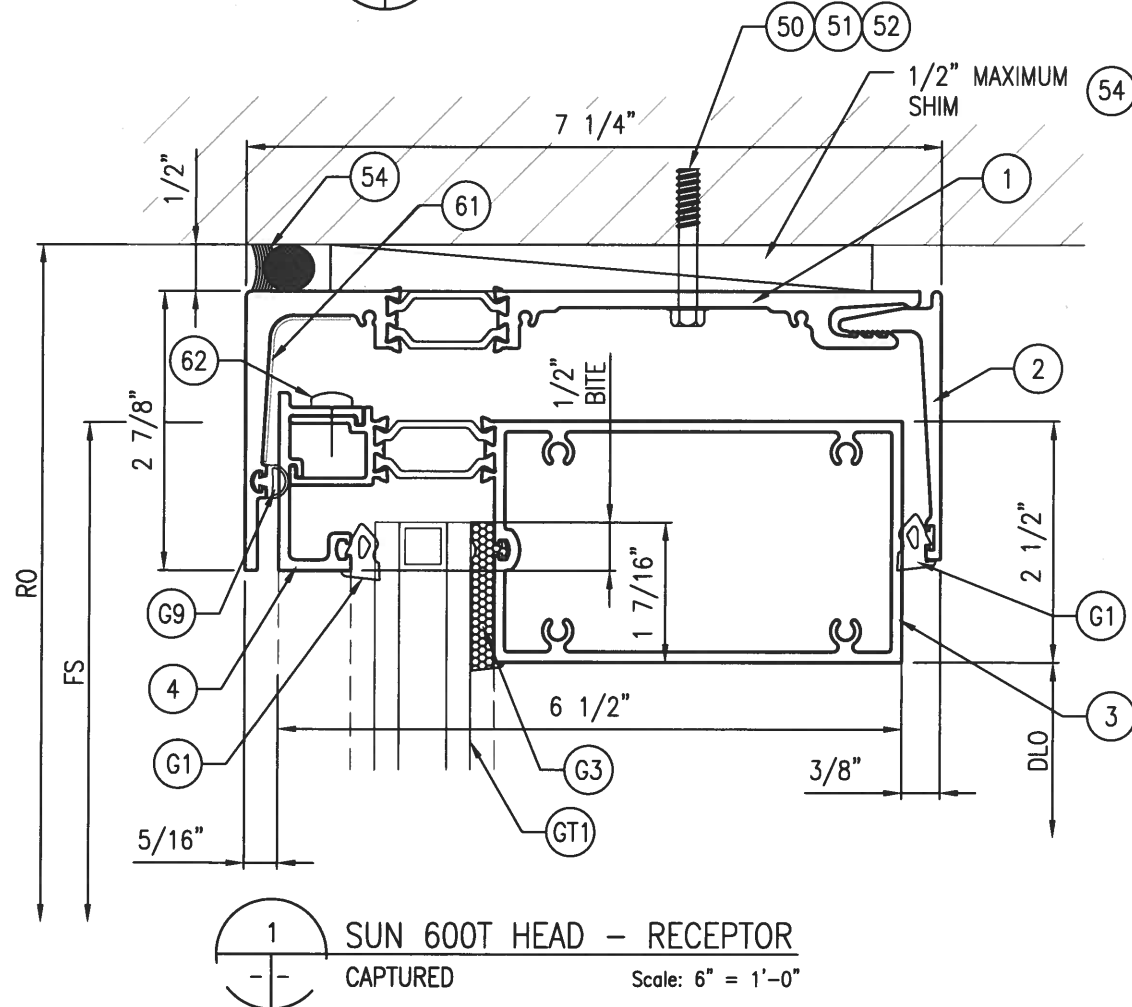
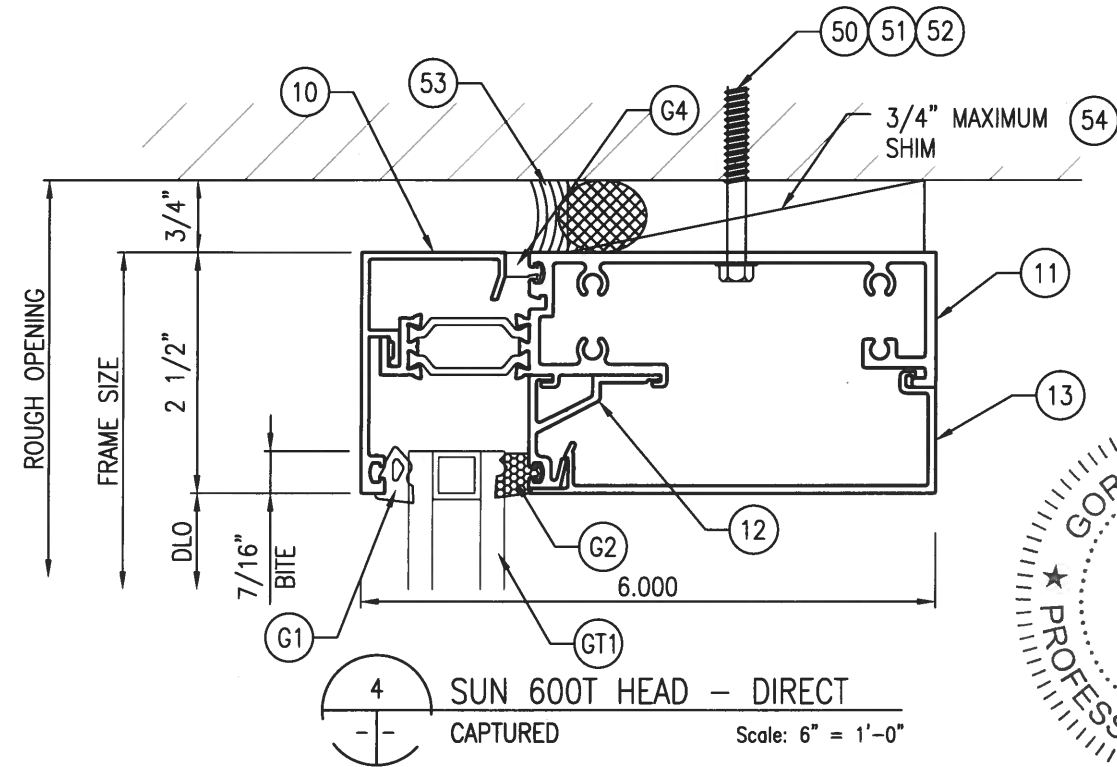
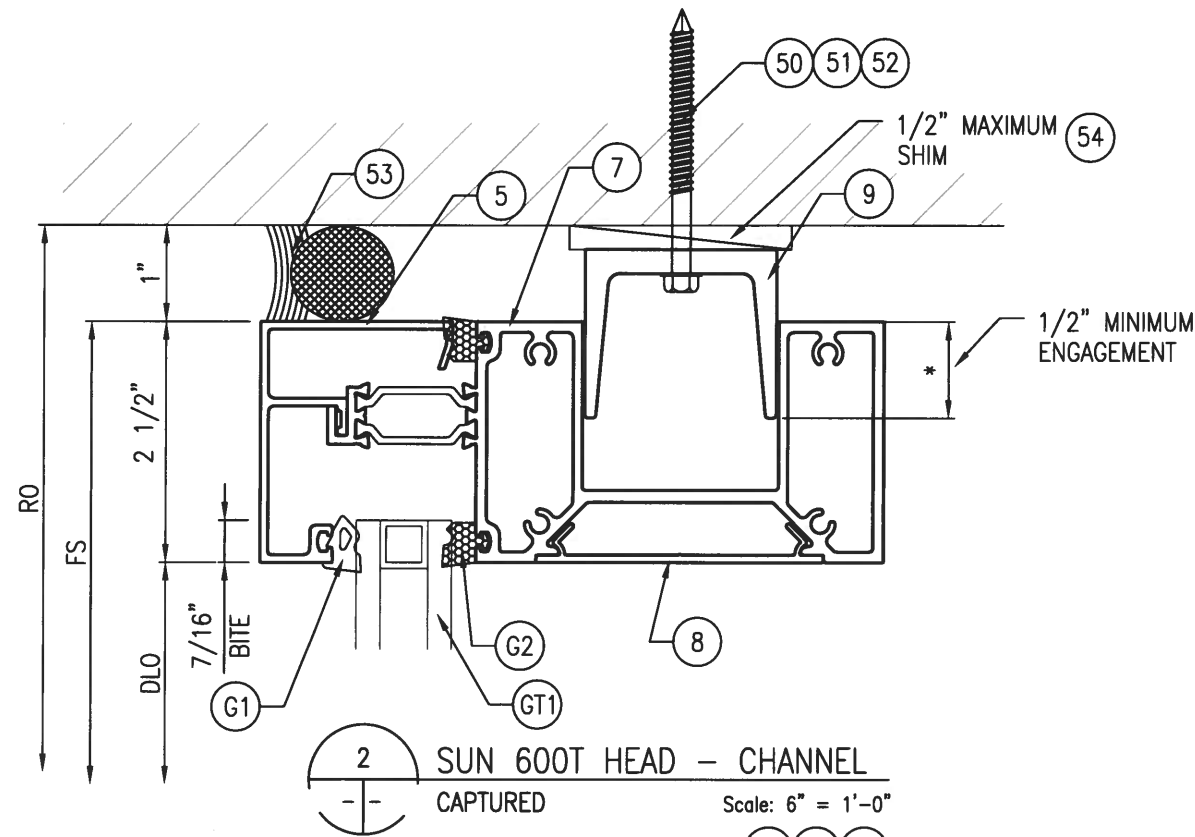
9/28/24
FL46718

SUN METALS 5008 TAMPA WEST BLVD. TAMPA, FLORIDA 33634 PHONE: (813) 889-0718 FAX: (813) 886-0666																	
PRODUCT: SUN-600T WINDOW WALL	PART OR ASSEMBLY: ELEVATION CAPTURED WINDOW WALL																
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DATE: 01/12/24 SCALE: AS INDICATED DWG. BY: ECV CHK BY: GT DRAWING NO.: FL46491.1 SHEET: 2 OF 12																	

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PRODUCT: SUN-600T WINDOW WALL		PART OR ASSEMBLY: SILL DETAILS	
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1	3/18/24	DATE	ECV
REVISIONS			
DATE: 01/12/24			
SCALE: AS INDICATED			
DWG. BY: ECV			
CHK BY: GT			
DRAWING NO.: FL46491.1			
SHEET: 4 OF 12			



4/20/24
FL 46718

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SUN METALS

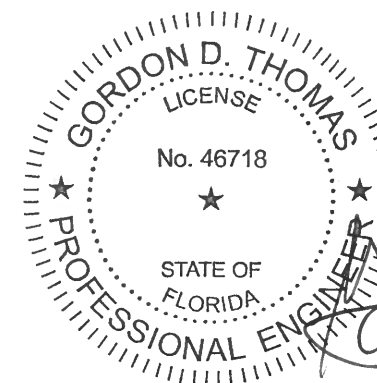
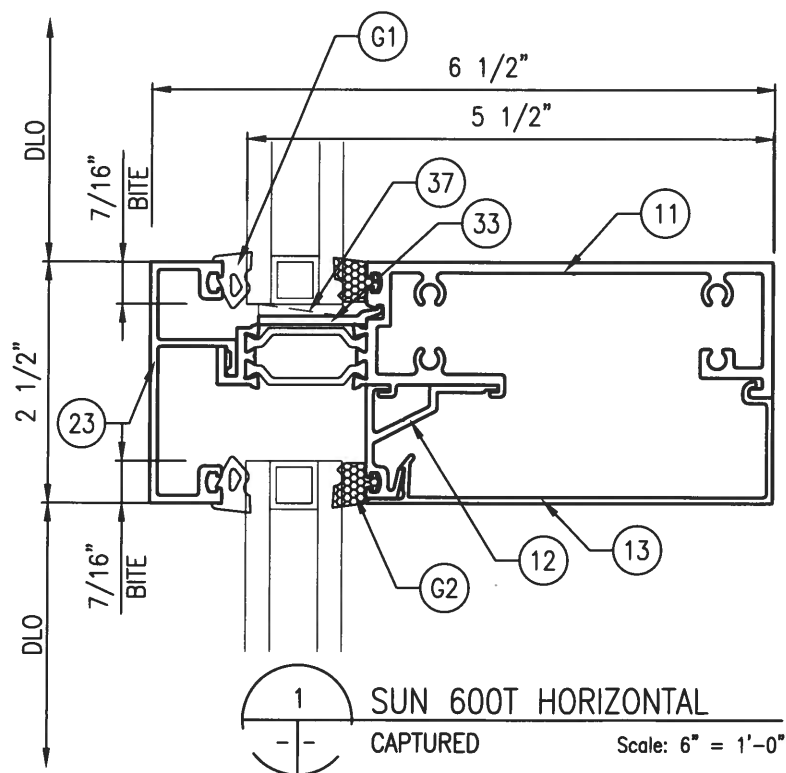
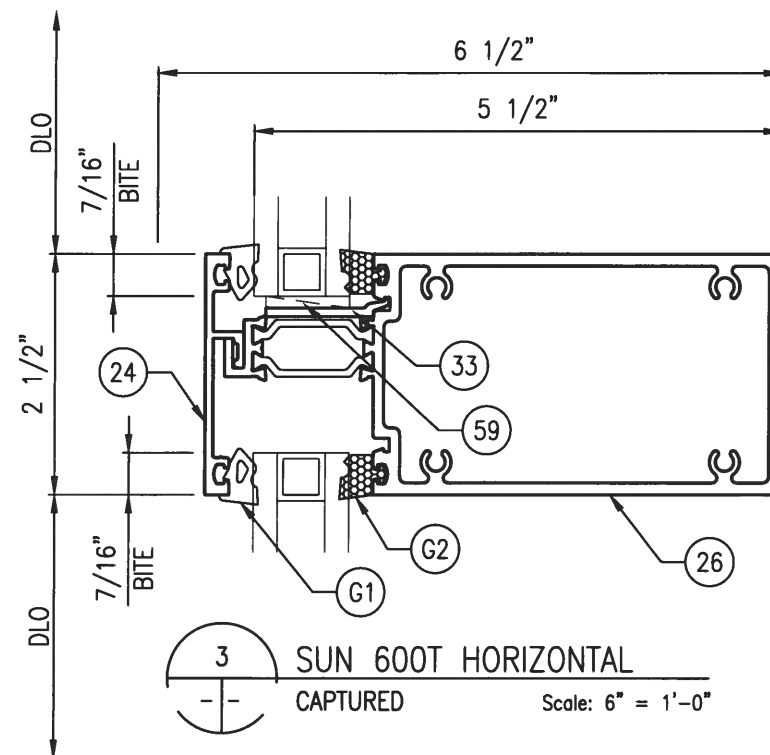
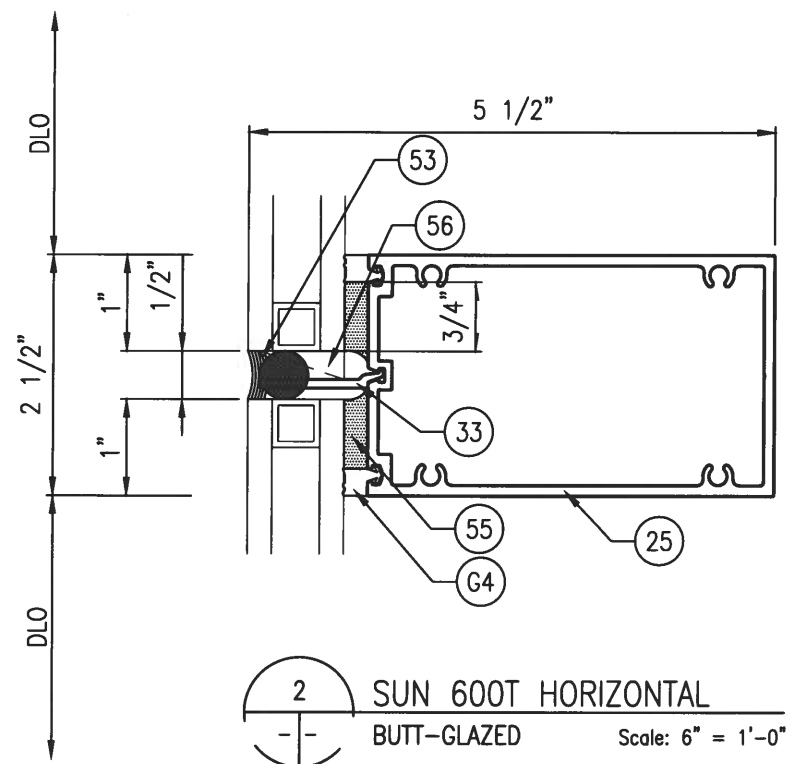
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DWG. BY: ECV
CHK BY: GT
DRAWING NO.:
FL46491.1
SHEET: 5 OF 12

PRODUCT: SUN-600T WINDOW WALL

PART OR ASSEMBLY:

HEAD DETAILS

REVISIONS		BY	
NO	DATE	DESCRIPTION	REVISIONS
1	3/18/24	REVISE GENERAL NOTES	ECV



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PRODUCT: SUN-600T WINDOW WALL

PART OR ASSEMBLY: HORIZONTAL DETAILS

REVISIONS		NO	DATE	DESCRIPTION	BY	ECV
		1	3/18/24	REVISE GENERAL NOTES		

DATE: 01/12/24

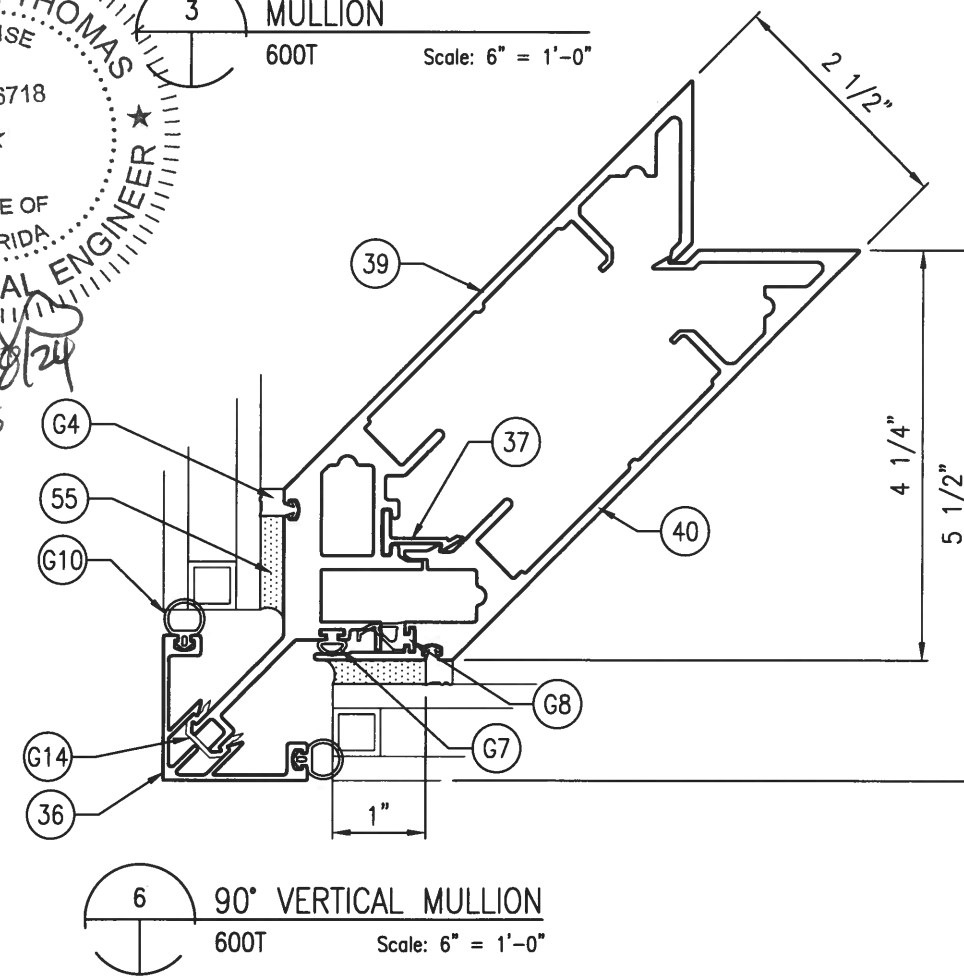
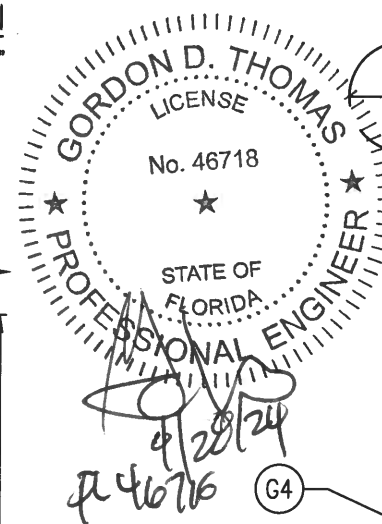
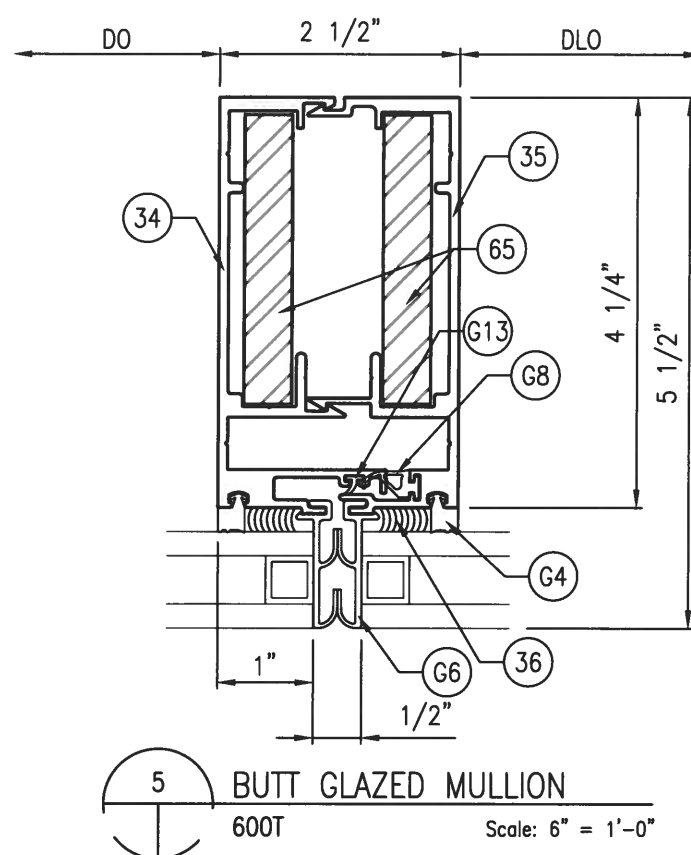
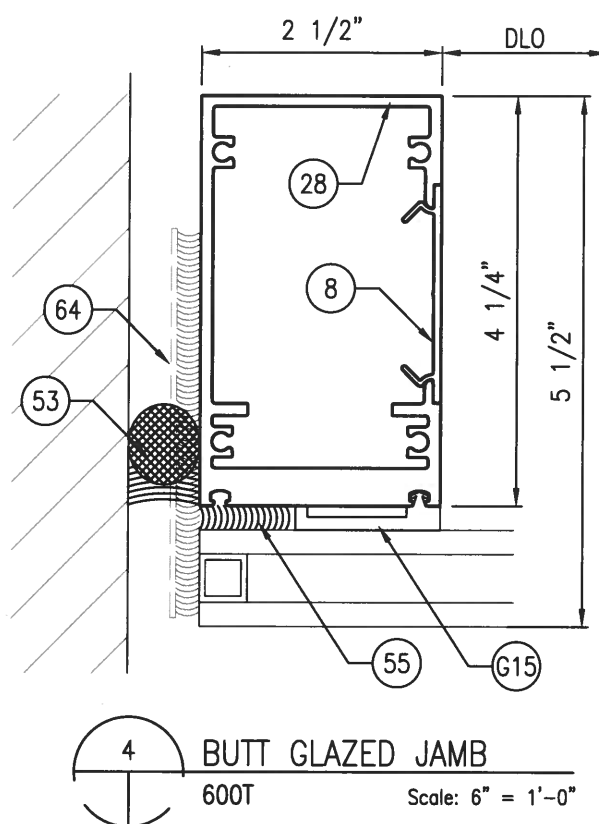
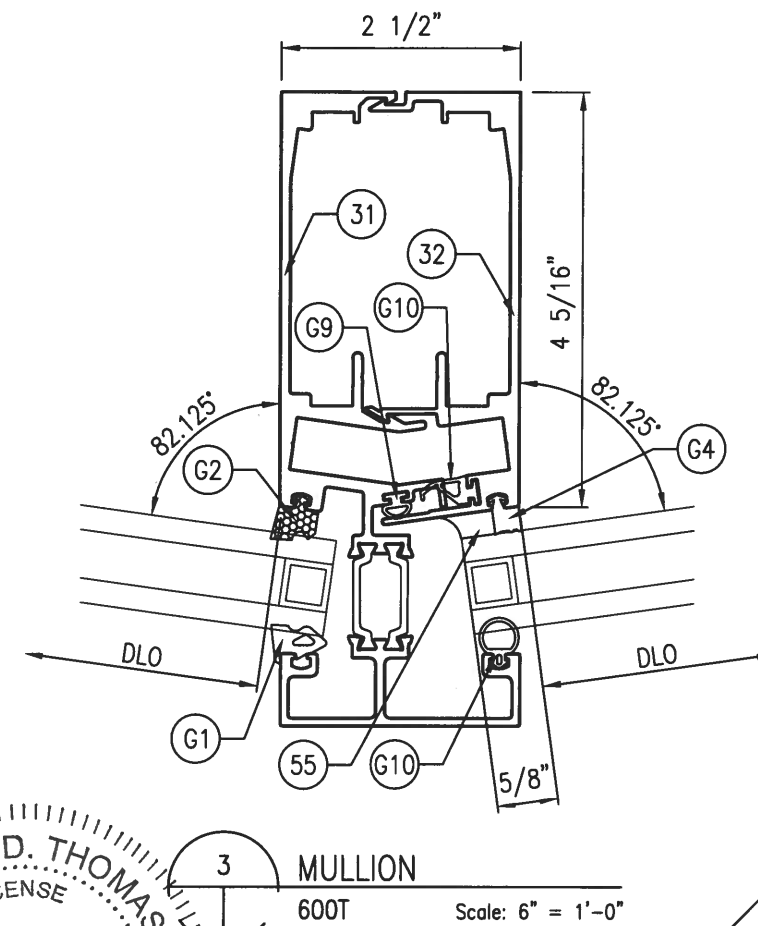
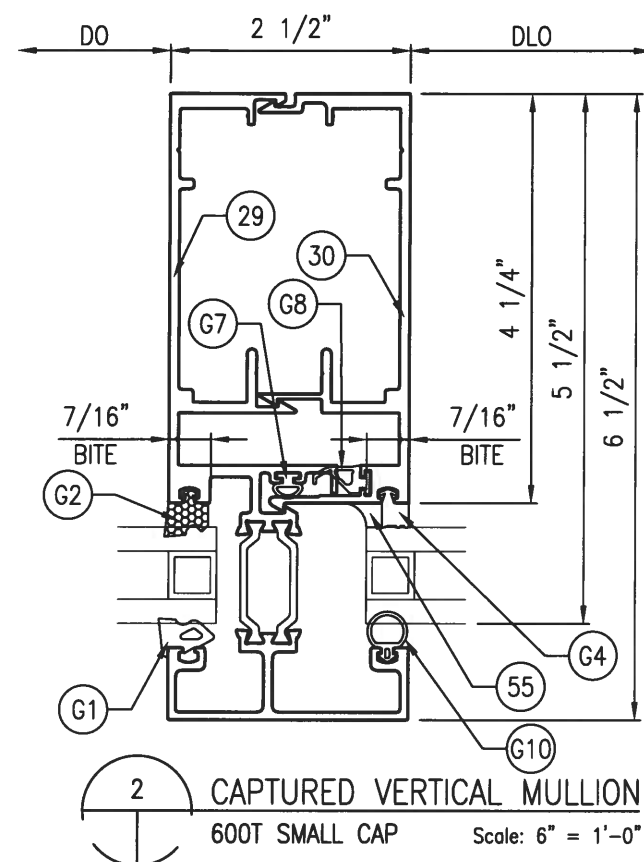
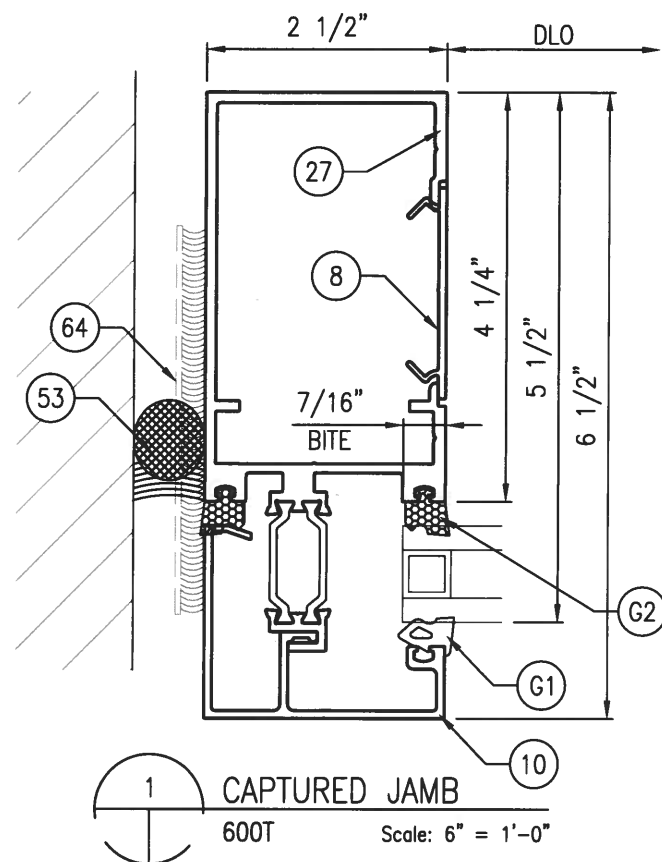
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SHEET: **6** OF **12**



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SUN METALS

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NO.	DATE	REVISION	BY
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DATE: 01/12/24

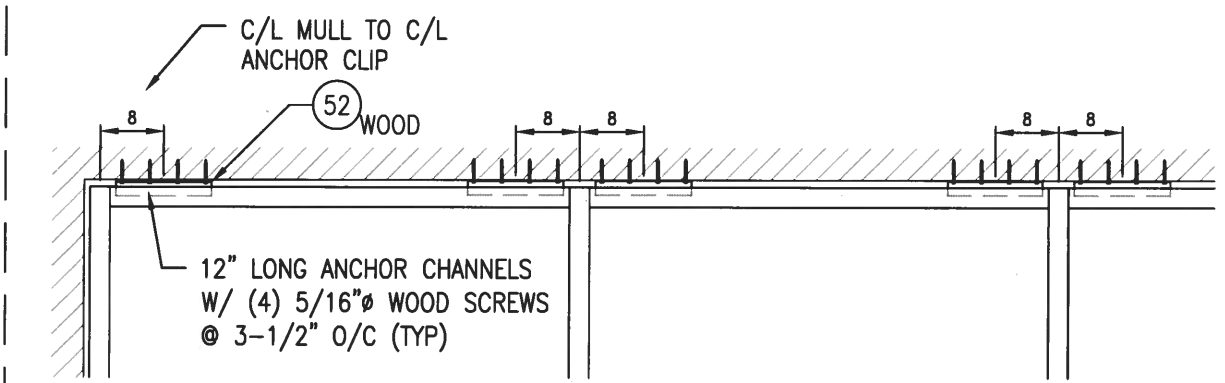
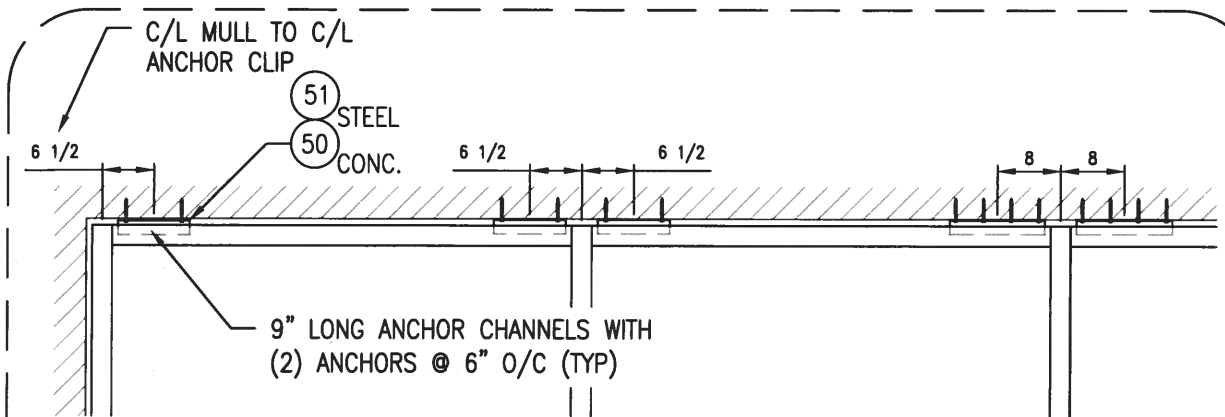
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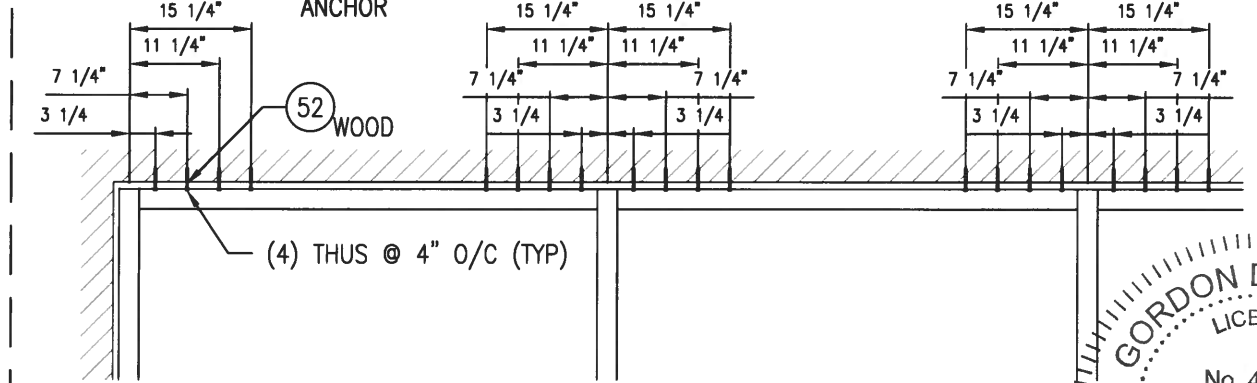
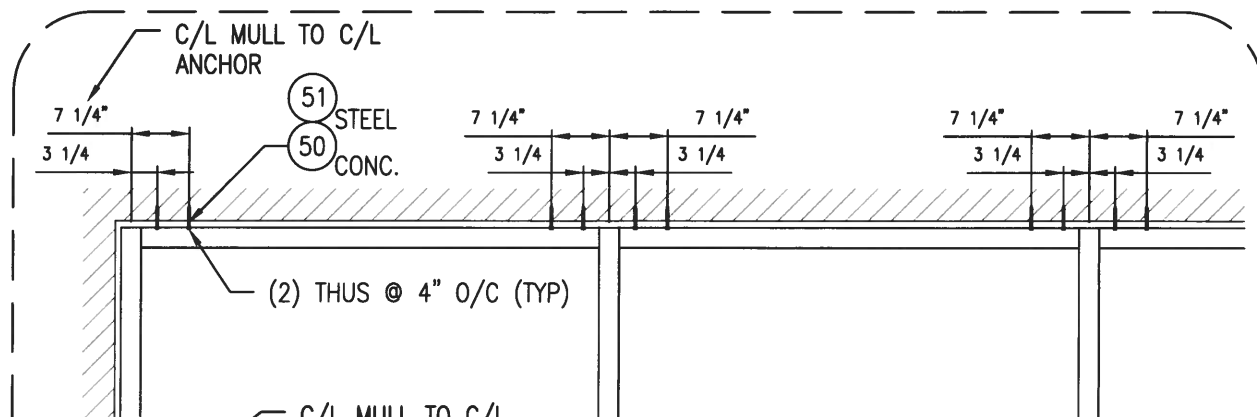
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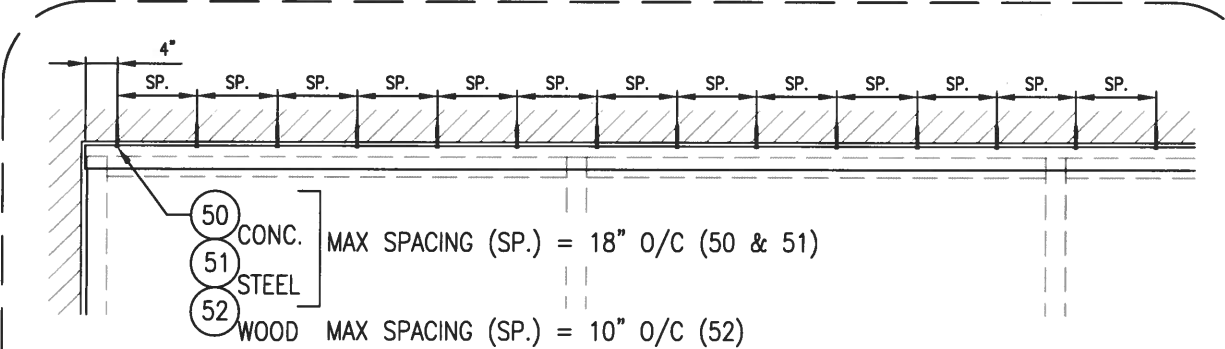
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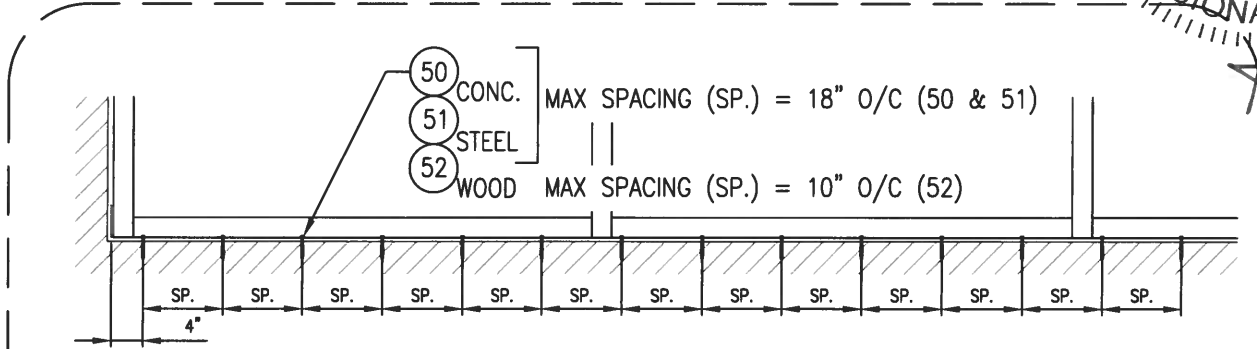
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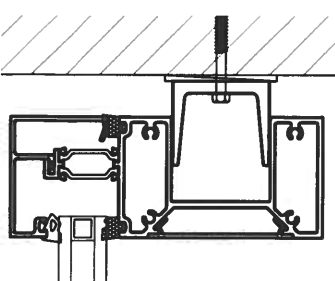
HEAD ANCHOR CONDITION B (DIRECT)



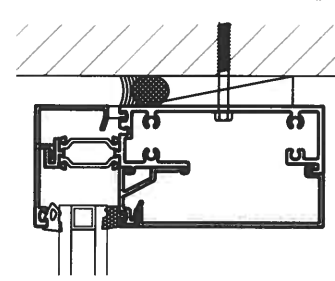
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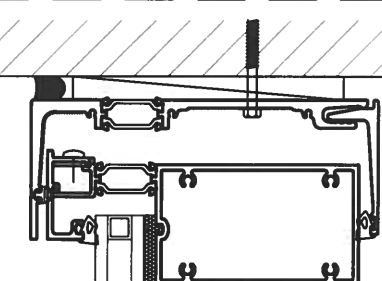
SILL ANCHOR SPACING (ALL CONDITIONS)



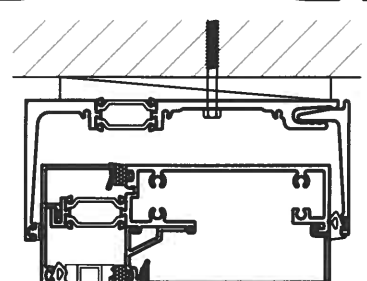
HEAD ANCHOR CONDITION A (CHANNEL)
REF DETAIL 2 ON SHT 5



HEAD ANCHOR CONDITION B (DIRECT)
REF DETAIL 4 ON SHT 5

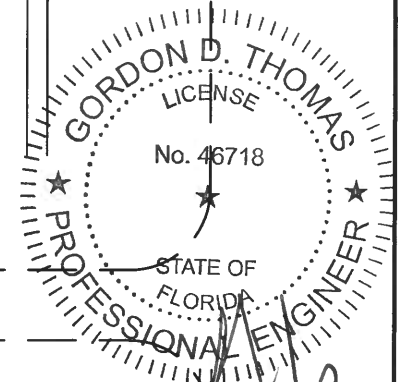


HEAD RECEPTOR (CONDITION C)
ZERO SITE LINE
REF DETAIL 1 ON SHT 5



HEAD RECEPTOR (CONDITION C)
STANDARD
REF DETAIL 3 ON SHT 5

SUBSTRATE	ANCHOR SCHEDULE	
CONCRETE	50	5/16" Ø HWH ITW Tapcon® XL concrete anchor with 1-3/4" min. embedment, 2-1/4" minimum edge distance. Concrete is 3000 PSI minimum conforming to ACI 301.
STEEL	51	1/4" 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	52	#20 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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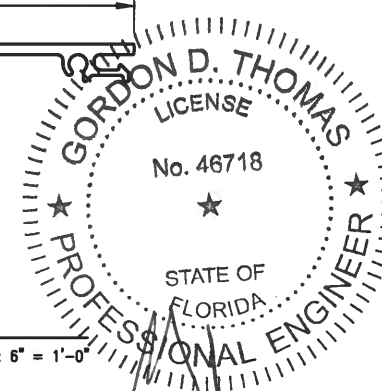
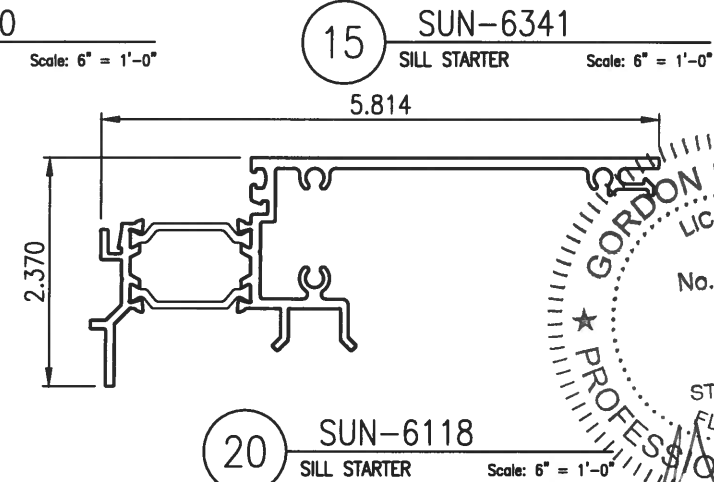
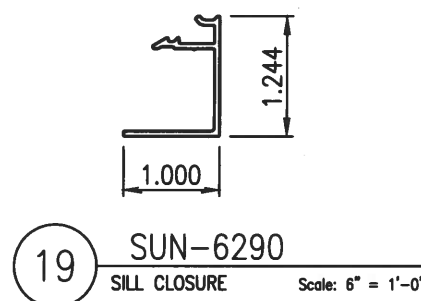
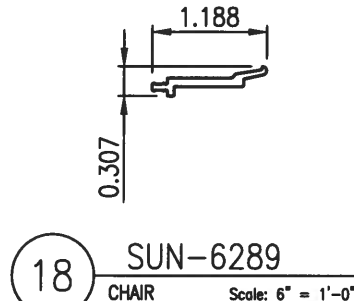
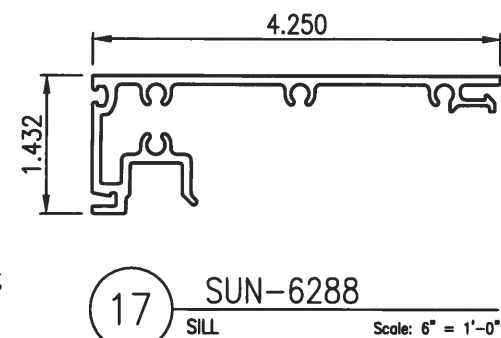
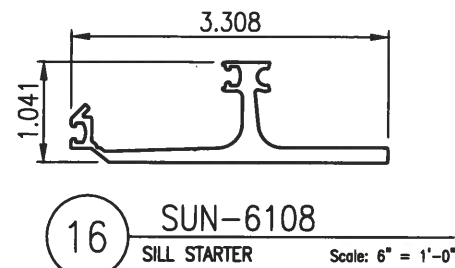
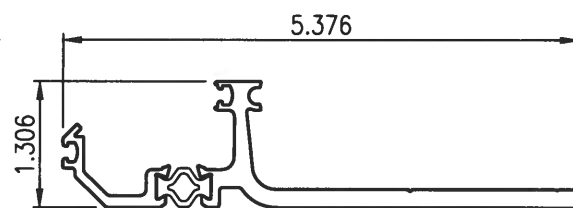
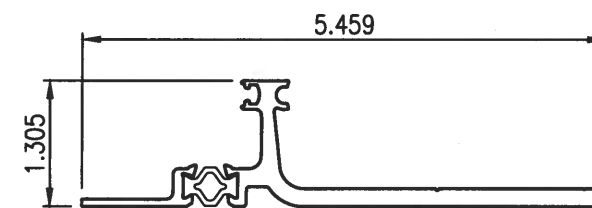
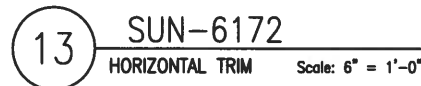
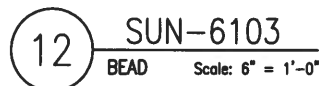
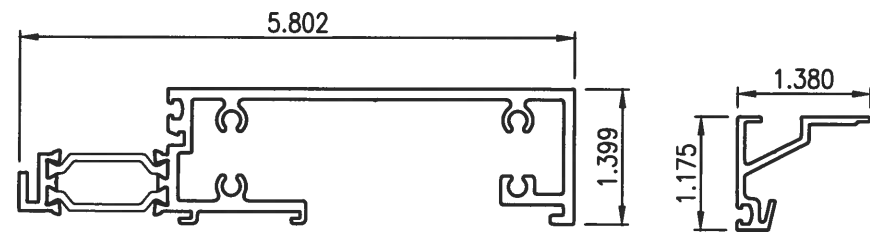
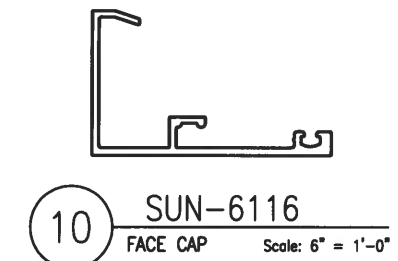
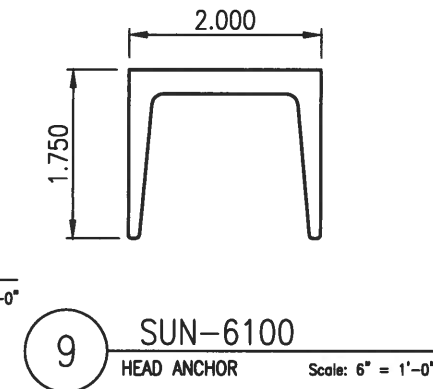
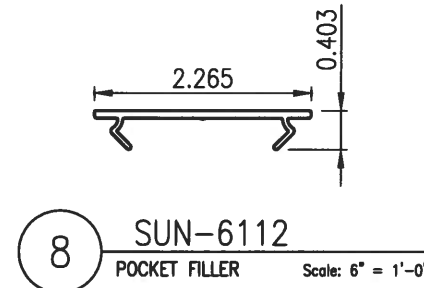
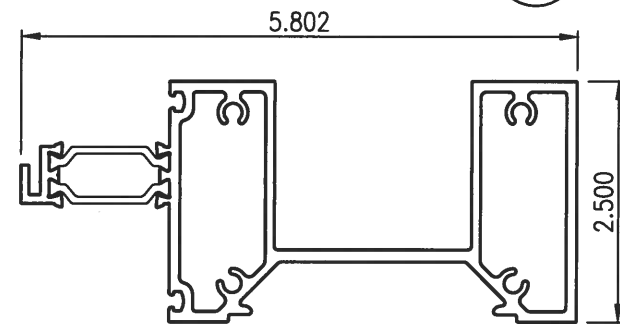
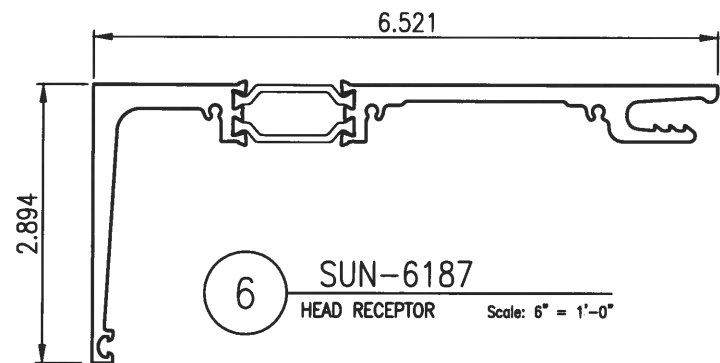
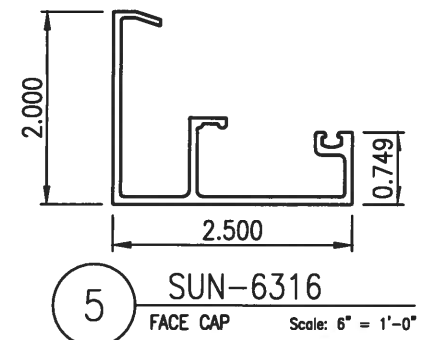
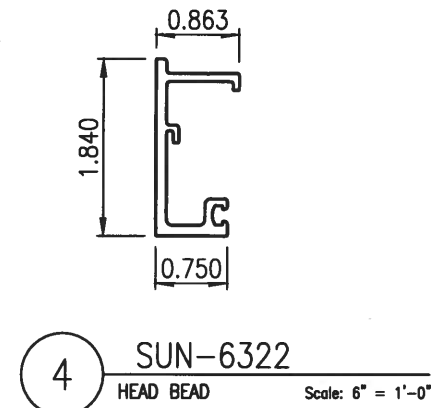
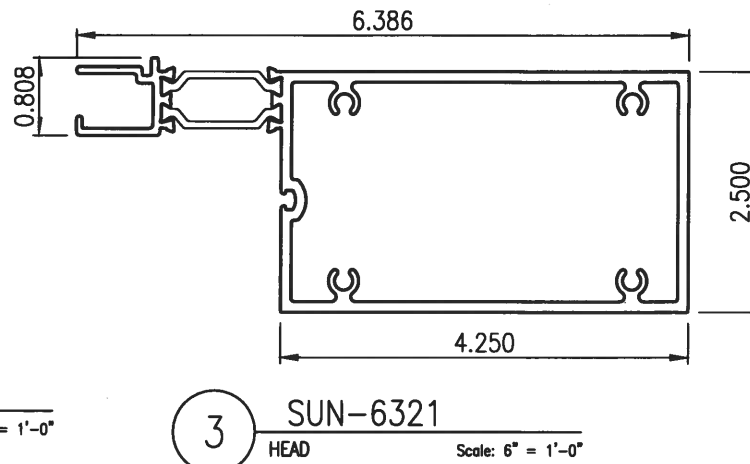
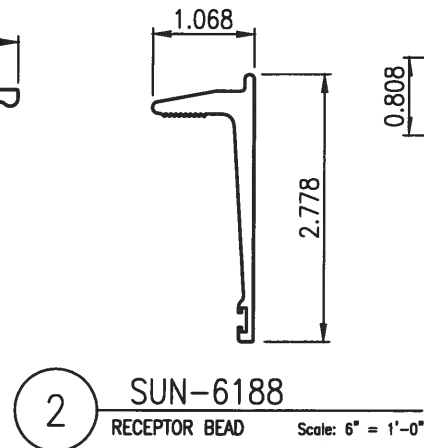
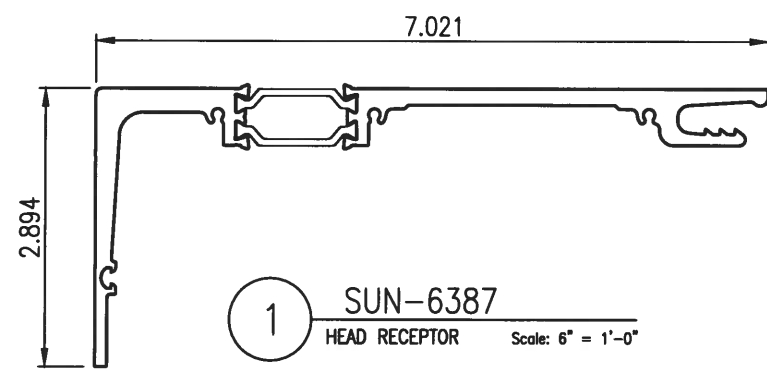
SUN METALS

PRODUCT: SUN-600T WINDOW WALL

PART OR ASSEMBLY: ANCHOR SCHEDULE

NO.	DATE	REVISION	GENERAL NOTES	BY	ECV
1	3/18/24				

DATE: 01/12/24
SCALE: AS INDICATED
DWG. BY: ECV
CHK BY: GT
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SHEET: 8 OF 12

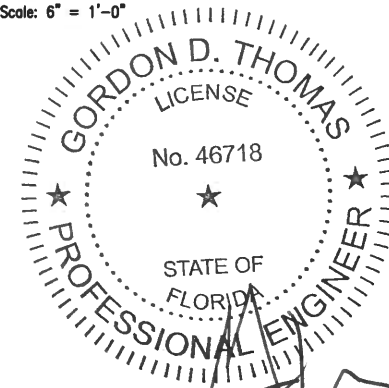
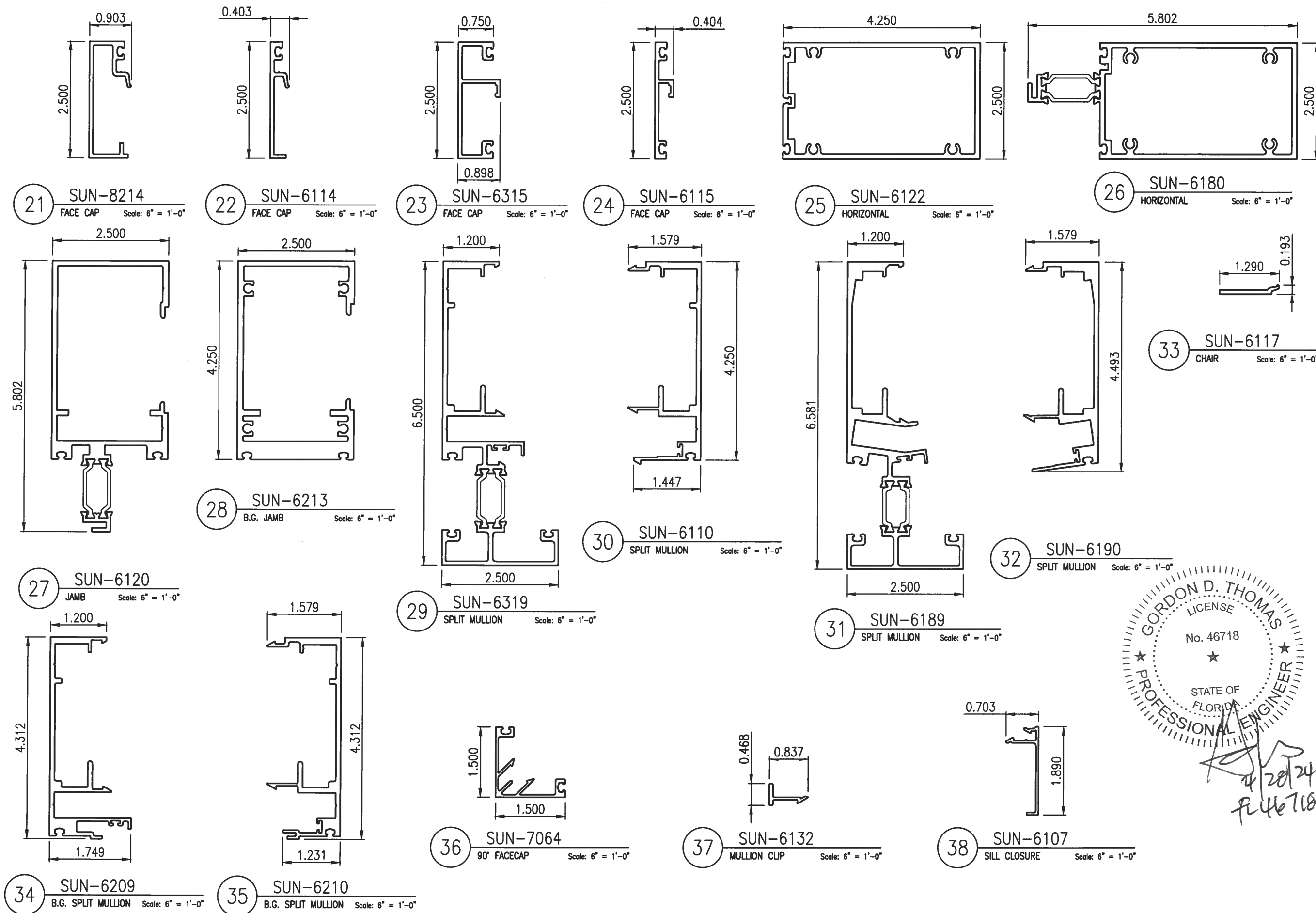


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CHK BY: GT
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4/20/24
FL 46718

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DATE: 01/12/24

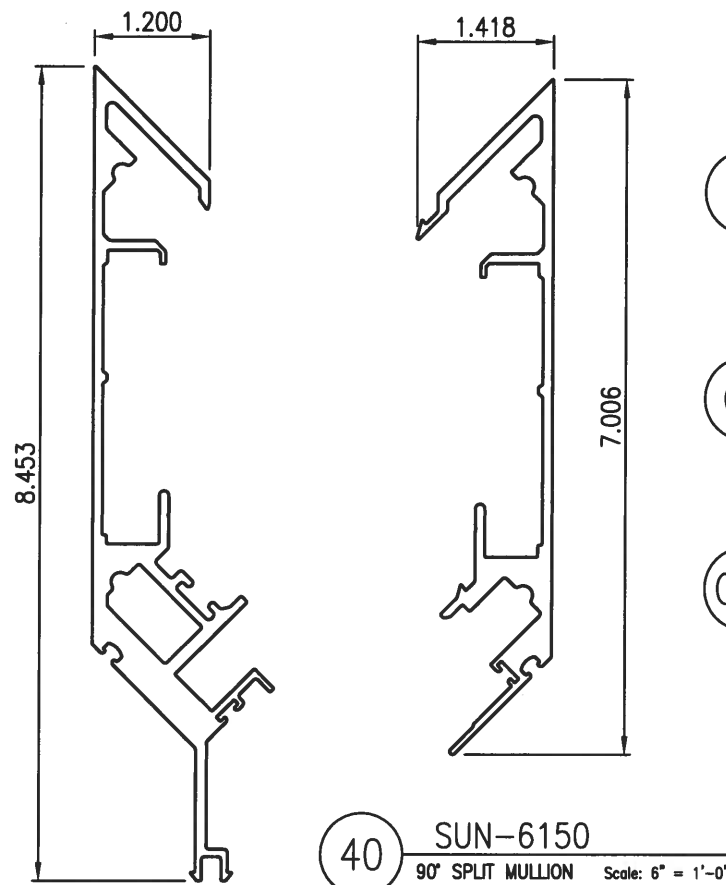
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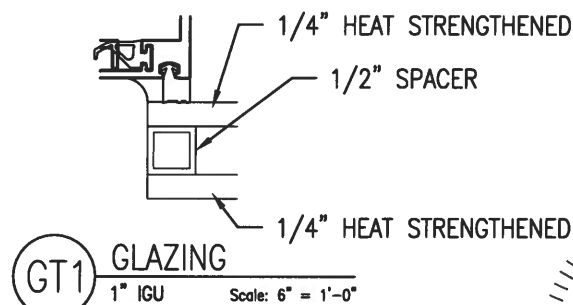
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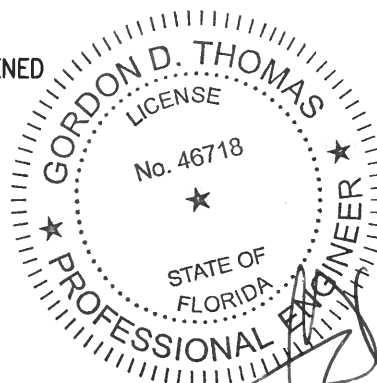
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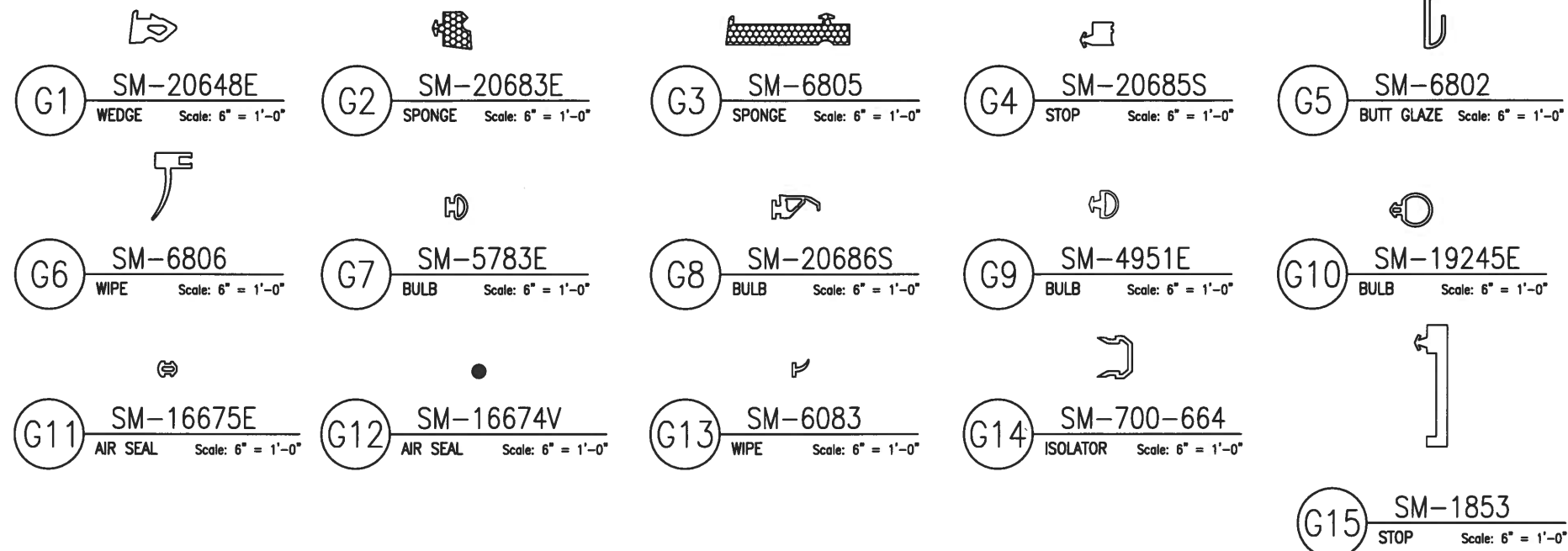
39 SUN-6249
90° SPLIT MULLION Scale: 6" = 1'-0"



NOTE: IN LITES REQUIRING SAFETY
GLAZING, TEMPERED GLASS IS REQ'D



4/29/24
FL 46718



BILL OF MATERIALS - GASKETS				
ITEM #	PART #	DESCRIPTION	MATERIAL	MANUFACTURER
G1	SM-20648E	EXTRUDED 70 DURO WEDGE	EPDM	VARIES
G2	SM-20683E	SPONGE	EPDM	VARIES
G3	SM-6805	SPONGE	EPDM	VARIES
G4	SM-10681S	EXTRUDED 70 DURO STOP	SILICONE	VARIES
G5	SM-6802	VERTICAL BUTT GASKET	SILICONE	VARIES
G6	SM-6806	WIPE	PEROXIDE EPDM	VARIES
G7	SM-5783E	EXTRUDED 60 DURO BULB	EPDM	VARIES
G8	SM-20686S	EXTRUDED AIR SEAL BULB	SILICONE	VARIES
G9	SM-4951E	EXTRUDED 60 DURO BULB	EPDM	VARIES
G10	SM-19245E	EXTRUDED 60 DURO BULB	EPDM	VARIES
G11	SM-16675E	EXTRUDED 60 DURO BULB	EPDM	VARIES
G12	SM-16674V	PRESSURE SEAL	RIGID PVC	VARIES
G13	SM-6803	WIPE	SILICONE	VARIES
G14	SM-700-664	ISOLATOR	RIGID PVC	VARIES
G15	SM-1853	EXTRUDED 70 DURO STOP	SILICONE	VARIES

5008 TAMPA WEST BLVD.
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PRODUCT: SUN-600T WINDOW WALL

PART OR ASSEMBLY: COMPONENTS - ALUMINUM, GASKETS AND GLAZING

NO	DATE	REVISIONS	DESCRIPTION	BY	ECV
1	3/18/24		REVISE GENERAL NOTES		

DATE: 01/12/24

SCALE: AS INDICATED

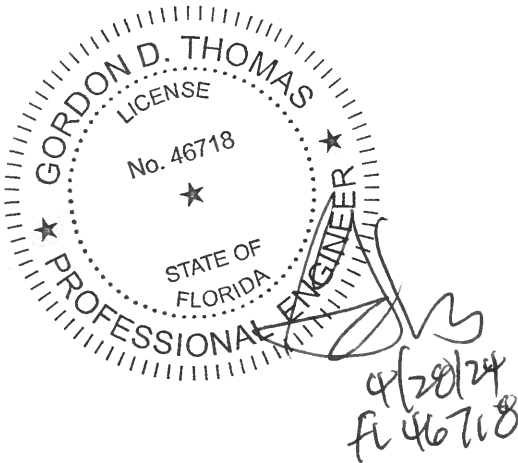
DWG. BY: ECV

CHK BY: GT

DRAWING NO.: FL46491.1

SHEET: 11 OF 12

BILL OF MATERIALS - MISCELLANEOUS			
ITEM #	DESCRIPTION	MATERIAL	MANUFACTURER
50	5/16" Ø CONCRETE ANCHOR (SEE SCHEDULE)	CARBON STEEL	VARIES
51	1/4-20 HWH TEK SCREW (SEE SCHEDULE)	CARBON STEEL	VARIES
52	#20 HWH WOOD SCREW (SEE SCHEDULE)	CARBON STEEL	VARIES
53	PERIMETER SEALANT AND BACKER-ROD	DOW-795	DOW CORNING
54	SHIM	POLYSTYRENE	VARIES
55	STRUCTURAL SILICONE	DOW-993	DOW CORNING
56	1/4" SETTING BLOCK	SILICONE	VARIES
57	1-1/2" X 1-1/2" ALUM TIE DOWN ANCHOR	6063-T5	VARIES
58	#10 HWH TEK SCREW	CARBON STEEL	VARIES
59	1/8" SETTING BLOCK	SILICONE	VARIES
60	WEEP BAFFLE		VARIES
61	EXTRUDED SILICONE (AT SPLICE)	SILICONE	VARIES
62	#12 S/S PH SMS	STAINLESS	VARIES
63	SHOP APPLIED BACKER ROD AND SILICONE	DOW-795	DOW CORNING
64	ALUMINUM END DAM	VARIES	VARIES
65	1/2" X 3" STEEL BAR REINFORCING	A36	VARIES



BILL OF MATERIALS - ALUMINUM EXTRUSIONS				
ITEM #	PART #	DESCRIPTION	MATERIAL	MANUFACTURER
1	SUN-6387	HEAD RECEPTOR	6005-T5	SUN METALS
2	SUN-6188	RECEPTOR BEAD	6005-T5	SUN METALS
3	SUN-6321	HEADER	6063-T6	SUN METALS
4	SUN-6322	HEADER BEAD	6063-T6	SUN METALS
5	SUN-6316	JAMB/HEAD FACE CAP	6063-T6	SUN METALS
6	SUN-6187	HEAD RECEPTOR	6005-T5	SUN METALS
7	SUN-6221	HEAD	6063-T6	SUN METALS
8	SUN-6112	POCKET FILLER	6063-T6	SUN METALS
9	SUN-6100	HEAD ANCHOR CHANNEL	6005-T5	SUN METALS
10	SUN-6116	JAMB/HEAD FACE CAP	6063-T6	SUN METALS
11	SUN-6121	HORIZONTAL	6063-T6	SUN METALS
12	SUN-6103	GLAZING BEAD	6063-T6	SUN METALS
13	SUN-6172	INTERIOR HORIZONTAL COVER	6063-T6	SUN METALS
14	SUN-6340	SILL STARTER (BUTT-GLAZED)	6063-T6	SUN METALS
15	SUN-6341	SILL STARTER (CAPTURED)	6063-T6	SUN METALS
16	SUN-6108	SILL STARTER (CAPTURED)	6063-T6	SUN METALS
17	SUN-6288	SILL (BUTT-GLAZED)	6063-T6	SUN METALS
18	SUN-6289	SILL SETTING CHAIR (BUTT-GLAZED)	6063-T6	SUN METALS
19	SUN-6290	SILL CLOSURE	6063-T6	SUN METALS
20	SUN-6118	SILL (CAPTURED)	6063-T6	SUN METALS
21	SUN-8214	SILL FACE-CAP	6063-T6	SUN METALS
22	SUN-6114	SILL FACE-CAP	6063-T6	SUN METALS
23	SUN-6315	HORIZONTAL FACE CAP	6063-T6	SUN METALS
24	SUN-6115	HORIZONTAL FACE CAP	6063-T6	SUN METALS
25	SUN-6122	BUTT GLAZED HORIZONTAL	6063-T6	SUN METALS
26	SUN-6180	BUTT GLAZED HORIZONTAL	6063-T6	SUN METALS
27	SUN-6120	CAPTURED JAMB	6063-T6	SUN METALS
28	SUN-6213	BUTT GLAZED JAMB	6063-T6	SUN METALS
29	SUN-6319	FEMALE SPLIT MULLION	6063-T6	SUN METALS
30	SUN-6110	MALE SPLIT MULLION	6063-T6	SUN METALS
31	SUN-6189	FEMALE SPLIT MULLION	6063-T6	SUN METALS
32	SUN-6190	MALE SPLIT MULLION	6063-T6	SUN METALS
33	SUN-6117	SETTING CHAIR	6063-T6	SUN METALS
34	SUN-6209	FEMALE BUTT GLAZED SPLIT MULLION	6063-T6	SUN METALS
35	SUN-6210	MALE BUTT GLAZED SPLIT MULLION	6063-T6	SUN METALS
36	SUN-7064	90 DEGREE MULLION CAP	6063-T6	SUN METALS
37	SUN-6132	MULLION CLIP	6063-T6	SUN METALS
38	SUN-6107	SILL CLOSURE	6063-T6	SUN METALS
39	SUN-6249	FEMALE 90 DEGREE SPLIT MULLION	6063-T6	SUN METALS
40	SUN-6150	MALE 90 DEGREE SPLIT MULLION	6063-T6	SUN METALS

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PRODUCT:		SUN-600T WINDOW WALL		PART OR ASSEMBLY:		BILL OF MATERIALS	
						ECV	BY
						REVISE GENERAL NOTES	DESCRIPTION
						DATE	REVISIONS
						1 3/18/24	
DATE: 01/12/24							
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