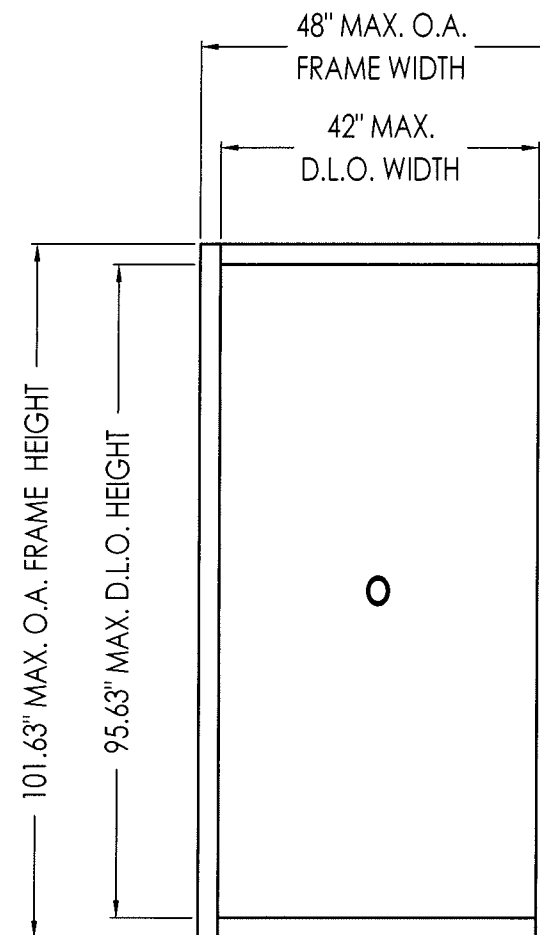
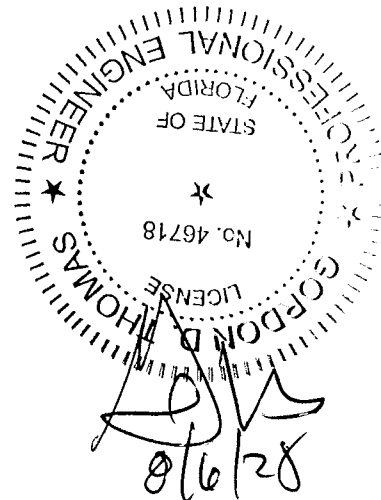


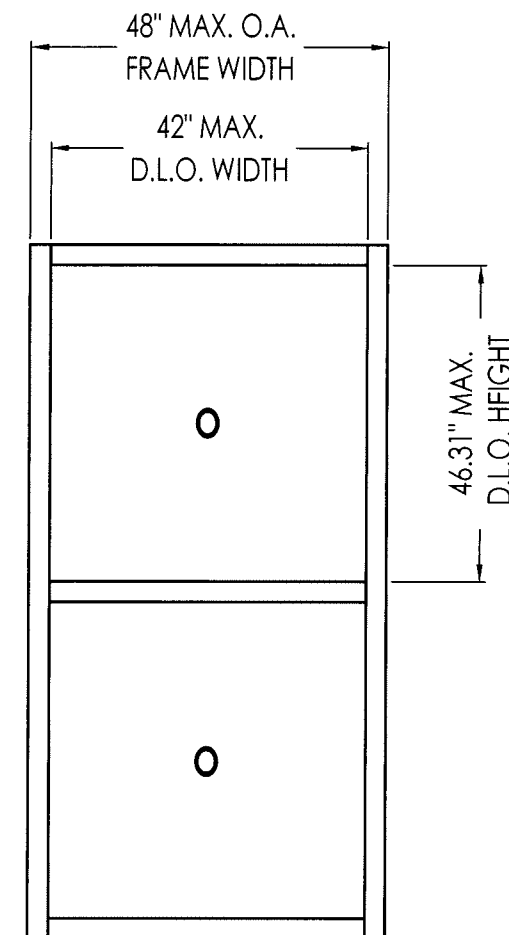


1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in "HVHZ", for installations above 30 feet above grade, this product complies with Section 1626 of the Florida Building Code as a small missile impact resistant product and does not require an impact resistant covering. For installations 30 feet or less above grade, this product must be protected with an impact resistant covering that complies with Section 1626 of the FBC.
4. When used in areas outside of the "HVHZ" requiring wind borne debris protection, for installations above 30 feet above grade this product complies with Section 1609.1.2 of the 2023 FBC as a small missile impact resistant product and does not require an impact resistant covering. For installations 30 feet or less above grade, this product must be protected with an impact resistant covering that complies with Section 1609.1.2 of the FBC.
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 & GENERAL NOTES
2	HORIZONTAL AND VERTICAL CROSS SECTIONS
3	FRAME ANCHORING
4	BILL OF MATERIAL AND COMPONENTS



SINGLE LITE
Punch window



DOUBLE LITE
Punch window

FRAME OPENING	OVERALL FRAME DIMENSION	MAX. D.I.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
SINGLE	48.0" x 101.63"	42.0" x 95.63"	G1	+115.0	-115.0
DOUBLE	48.0" x 101.63"	42.0" x 46.31"	G1	+115.0	-115.0

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



PRODUCT: SUN METALS
ALUMINUM WINDOW WALL

PART OR ASSEMBLY: TYPICAL ELEVATIONS, DESIGN
PRESSURES & GENERAL NOTES

NO		DATE	DESCRIPTION	BY
4		7/14/25	UPDATE TO 8TH ED. (2023)	FBC
3		9/21/20	UPDATE TO 7TH ED. (2020)	FBC
2		2/01/19	UPDATE TO 6TH ED. (2017)	FBC
1		2/17/15	UPDATE TO 5TH ED. (2014)	FBC

DATE: 8/23/12

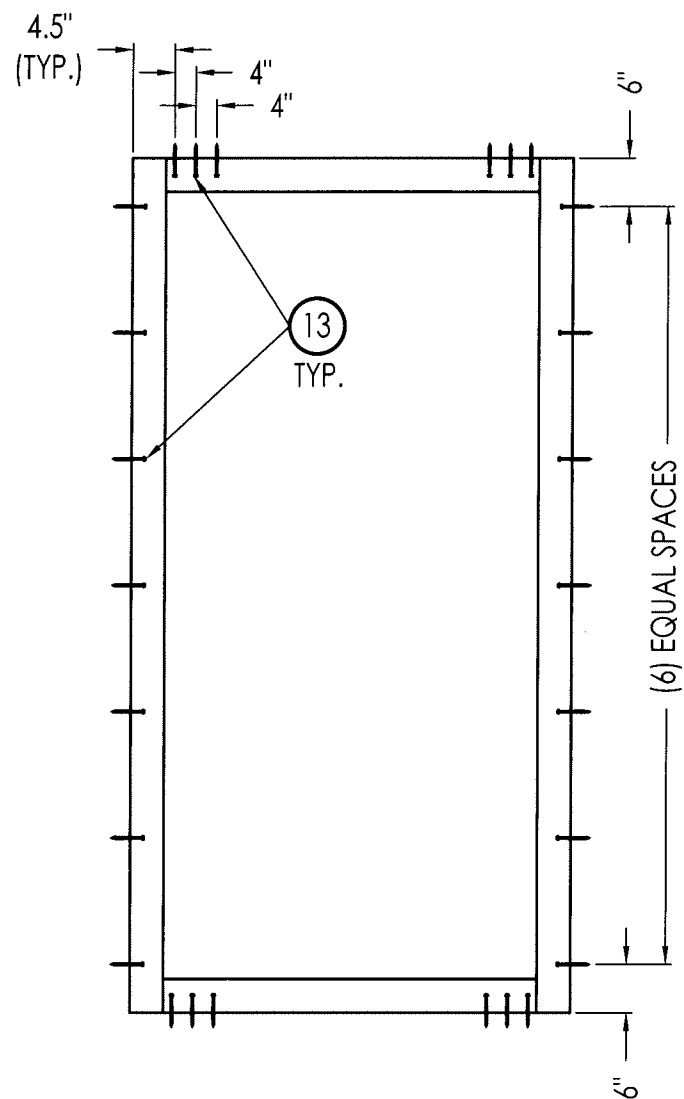
SCALE: N.T.S

DWG. BY: CO

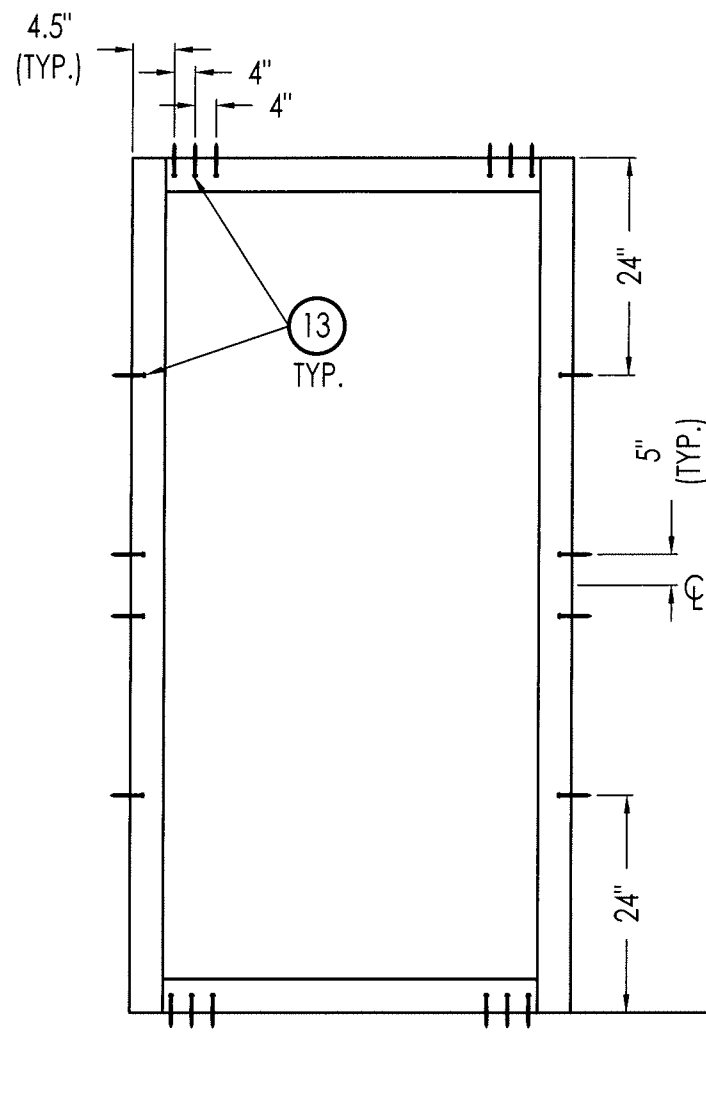
CHK BY: ECV

DRAWING NO.:
FL-15891.2

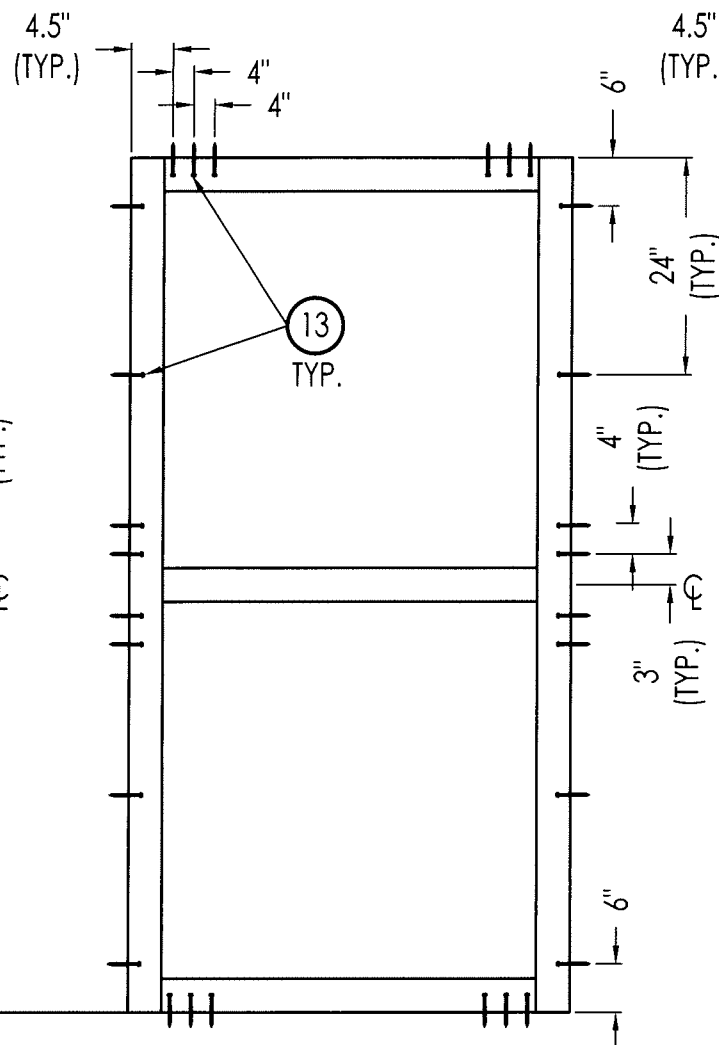
SHEET: **1** OF **4**



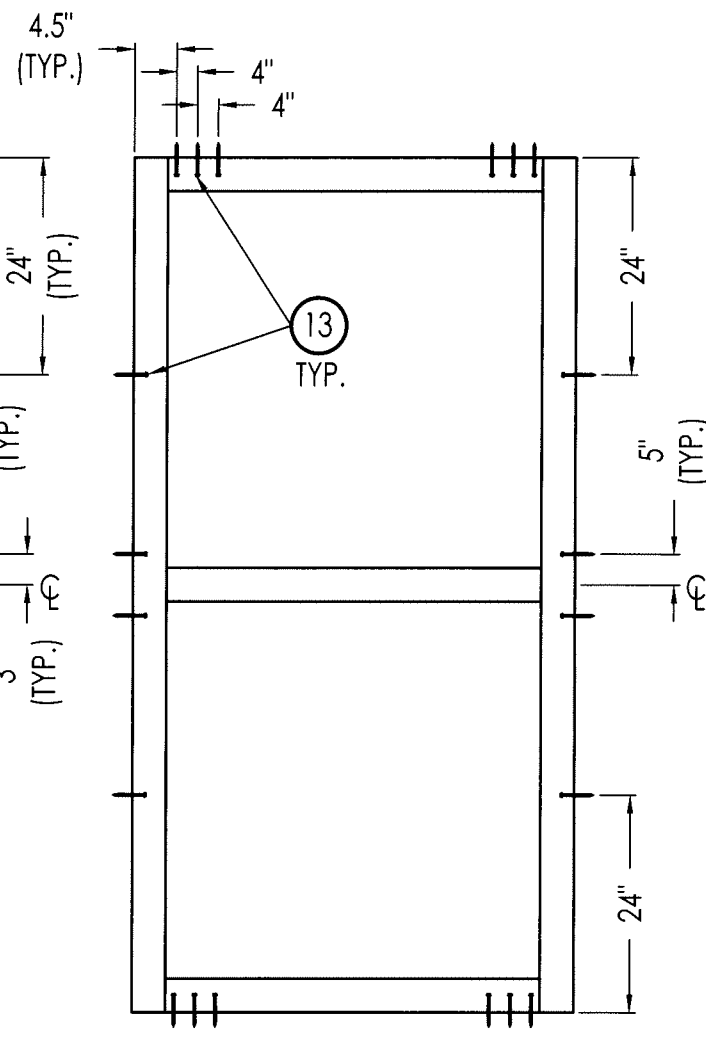
MAX. DP <= 115 PSF



MAX. DP <= 70 PSF



MAX. DP <= 115 PSF



MAX. DP <= 70 PSF

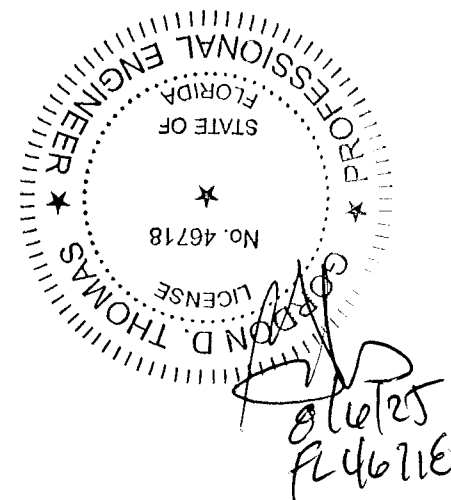
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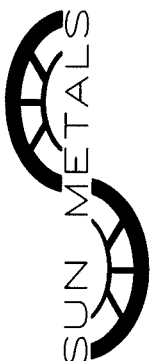
Punch window

DOUBLE LITE

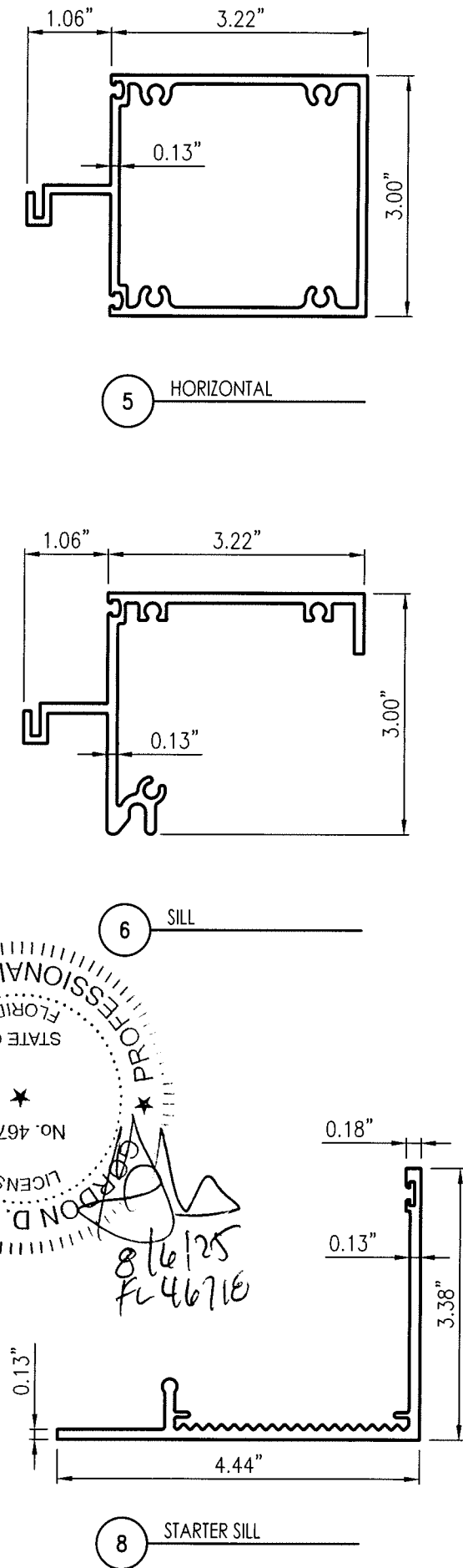
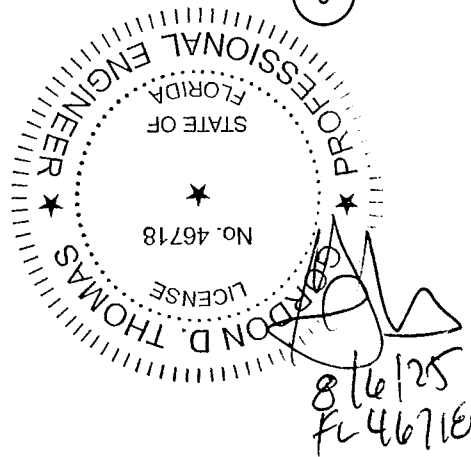
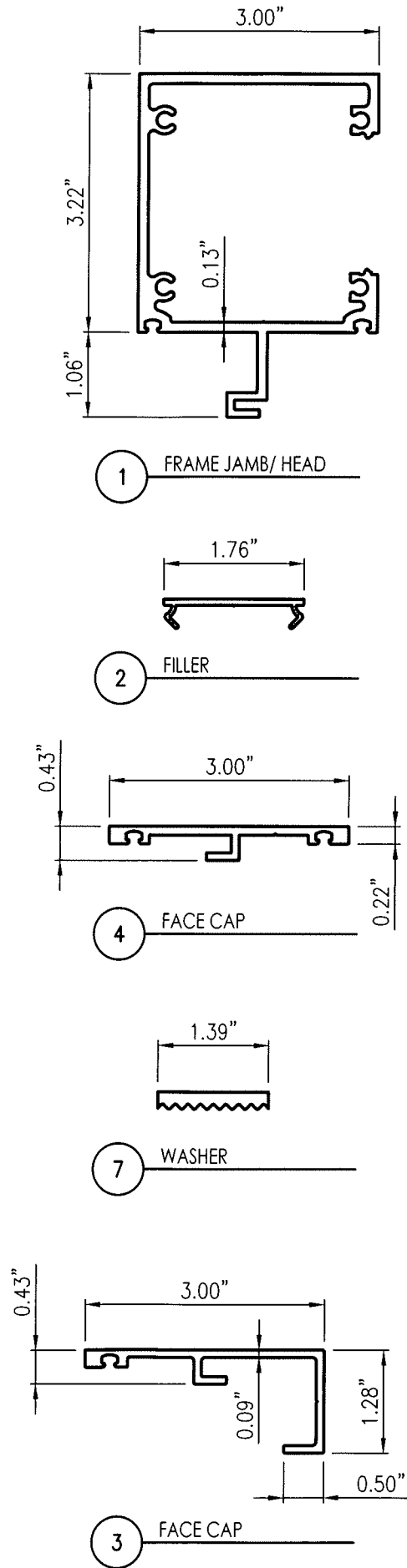
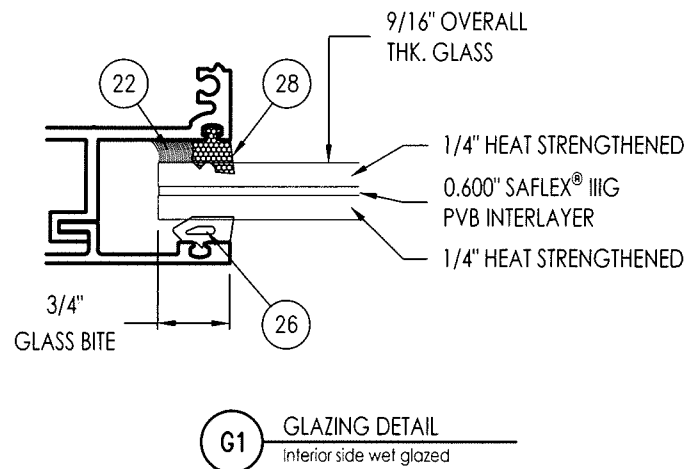
Punch window

SUBSTRATE	ANCHOR SCHEDULE	
CONCRETE	13	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	13	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	13	#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



5008 TAMPA WEST BLVD. TAMPA, FLORIDA 33634 PHONE: (813) 889-0718 FAX: (813) 886-0666																					
																					
PRODUCT: SUN METALS ALUMINUM WINDOW WALL	PART OR ASSEMBLY: FRAME ANCHORING																				
DATE: 8/23/12 SCALE: N.T.S. DWG. BY: CO CHK BY: ECV DRAWING NO.: FL-15891.2 SHEET: 3 OF 4	<table border="1"> <thead> <tr> <th>NO</th> <th>DATE</th> <th>DESCRIPTION</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>7/14/25</td> <td>UPDATE TO 8TH ED. (2023) FBC ECV</td> <td></td> </tr> <tr> <td>3</td> <td>9/21/20</td> <td>UPDATE TO 7TH ED. (2020) FBC JCB</td> <td></td> </tr> <tr> <td>2</td> <td>2/01/19</td> <td>UPDATE TO 6TH ED. (2017) FBC ECV</td> <td></td> </tr> <tr> <td>1</td> <td>2/17/15</td> <td>UPDATE TO 5TH ED. (2014) FBC LFS</td> <td></td> </tr> </tbody> </table>	NO	DATE	DESCRIPTION	BY	4	7/14/25	UPDATE TO 8TH ED. (2023) FBC ECV		3	9/21/20	UPDATE TO 7TH ED. (2020) FBC JCB		2	2/01/19	UPDATE TO 6TH ED. (2017) FBC ECV		1	2/17/15	UPDATE TO 5TH ED. (2014) FBC LFS	
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BILL OF MATERIALS			
ITEM #	PART#	DESCRIPTION	MATERIAL
1	SUN-413	FRAME JAMB/ HEAD	6063-T6
2	SUN-402	SNAP FILLER	6063-T6
3	SUN-403	FACE CAP	6063-T6
4	SUN-404	FACE CAP	6063-T6
5	SUN-405	HORIZONTAL	6063-T6
6	SUN-406	SILL	6063-T6
7	SUN-407	CERRATED WASHER	6063-T6
8	SUN-408	STARTER SILL	6063-T6
13	-	ANCHOR PER SCHEDULE (SHOWN ON ANCHOR ELEVATIONS)	-
15	-	0.040" ALUM. BREAKMETAL END DAMN	5005-H14
16	-	FRAME ASSY. SCREW: #12 x 1-1/2" SMS.	-
17	-	SETTING CHAIR (4" LONG): 3/4" x 1/2" x 1/8" ALUM. CH.	6063-T5
18	-	1/8" EPDM SETTING BLOCK (4" LONG)	-
19	-	TAPE SEALANT (SCHNEE MOREHEAD SM5601)	-
20	-	SEAM SEALER (SCHNEE MOREHEAD SM5504)	-
22	-	PERIMETER SILICONE SEALANT (TREMCO PROGLAZE II)	SILICONE
23	-	WEEP STRAW	-
24	-	WEEP BAFFLE	-
26	-	EXTRUDED 70 DURO. EPDM WEDGE GASKET (TREMCO)	EPDM
27	-	EXTRUDED 60 DURO. EPDM BULB GASKET (TREMCO)	EPDM
28	-	NEOPRENE SPONGE (TREMCO)	NEOPRENE



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DWG. BY: CO

CHK BY: ECV

DRAWING NO.:
FL-15891.2

SHEET: **4** OF **4**

PRODUCT:
SUN METALS
ALUMINUM WINDOW WALL

PART OR ASSEMBLY:
BILL OF MATERIALS
AND COMPONENTS

SUN METALS

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