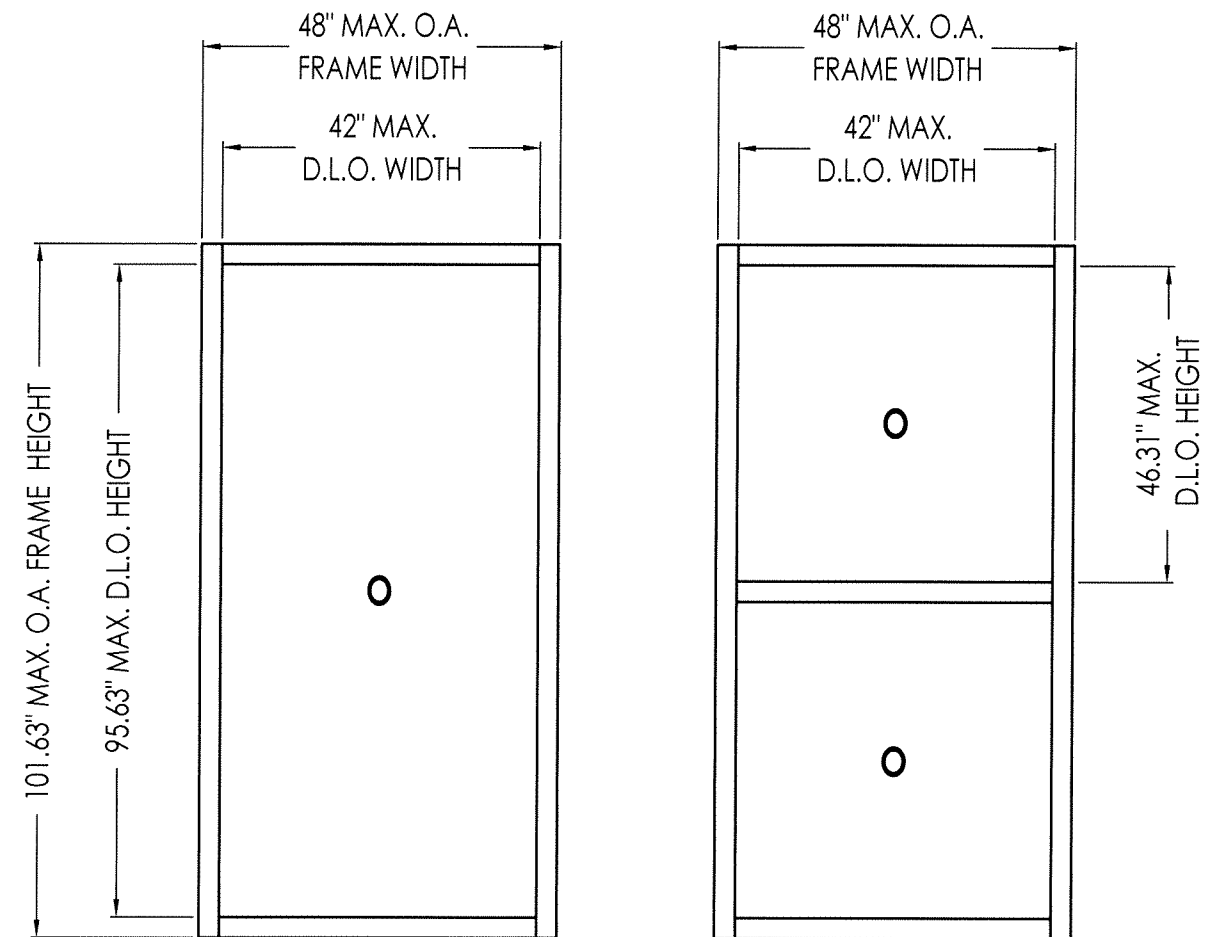
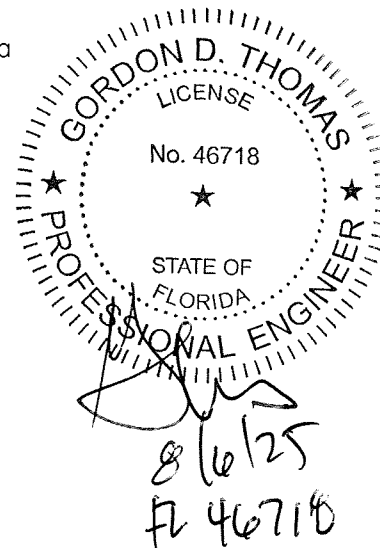




1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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 & 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.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
SINGLE	48.0" x 101.63"	42.0" x 95.63"	G1, G2	+115.0	-115.0
DOUBLE	48.0" x 101.63"	42.0" x 46.31"	G1, G2	+115.0	-115.0

[illegible]

DATE: 8/23/12

SCALE: N.T.S

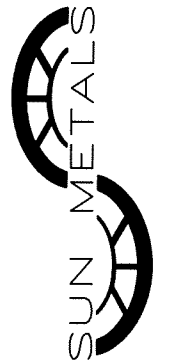
DWG. BY: CO

CHK BY: ECV

DRAWING NO.:
FL-15891.1

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

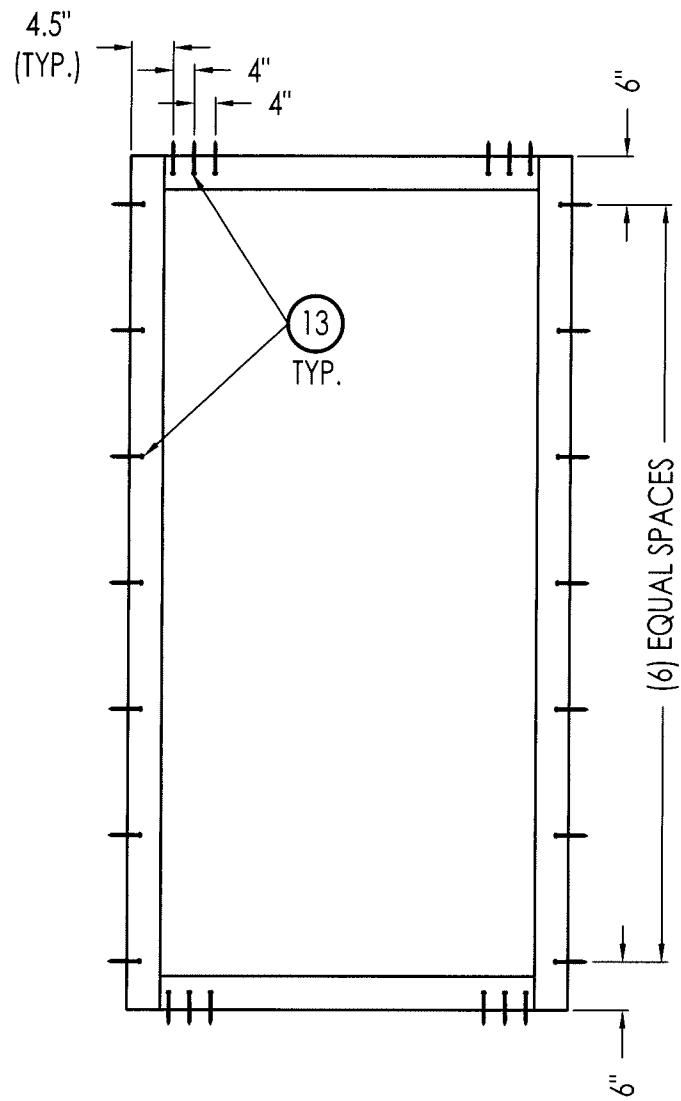
5008 TAMPA WEST BLVD.
TAMPA, FLORIDA 33634
PHONE: (813) 889-0718
FAX: (813) 886-0666



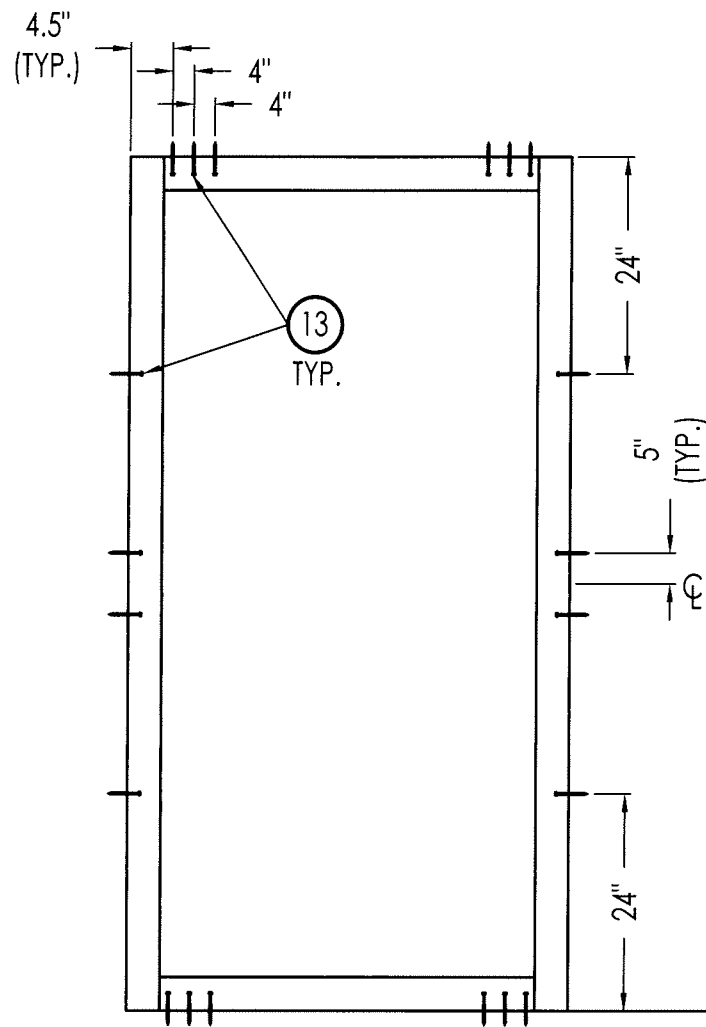
PRODUCT: SUN METALS
ALUMINUM WINDOW WALL

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

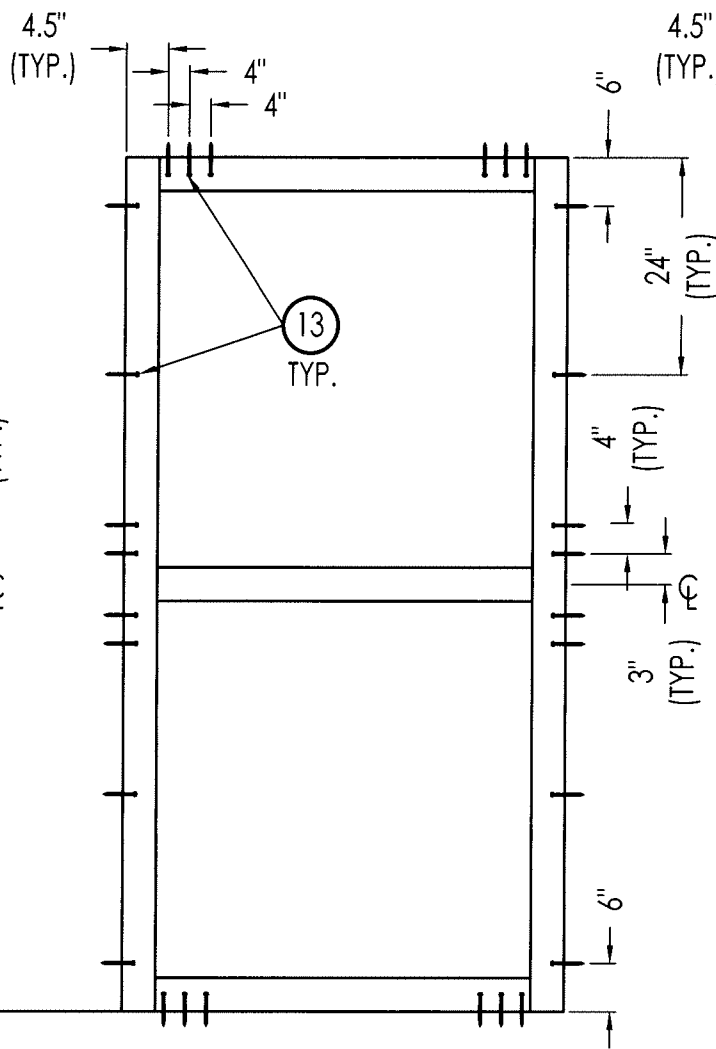
 SUN METALS 5008 TAMPA WEST BLVD. TAMPA, FLORIDA 33634 PHONE: (813) 889-0718 FAX: (813) 886-0666									
SUN METALS ALUMINUM WINDOW WALL									
PART OR ASSEMBLY: HORIZONTAL AND VERTICAL CROSS SECTIONS									
PRODUCT:									
REVISIONS									
DATE: 8/23/12									
SCALE: N.T.S.									
DWG. BY: CO									
CHK BY: ECV									
DRAWING NO.: FL-15891.1									
SHEET: 2 OF 4									



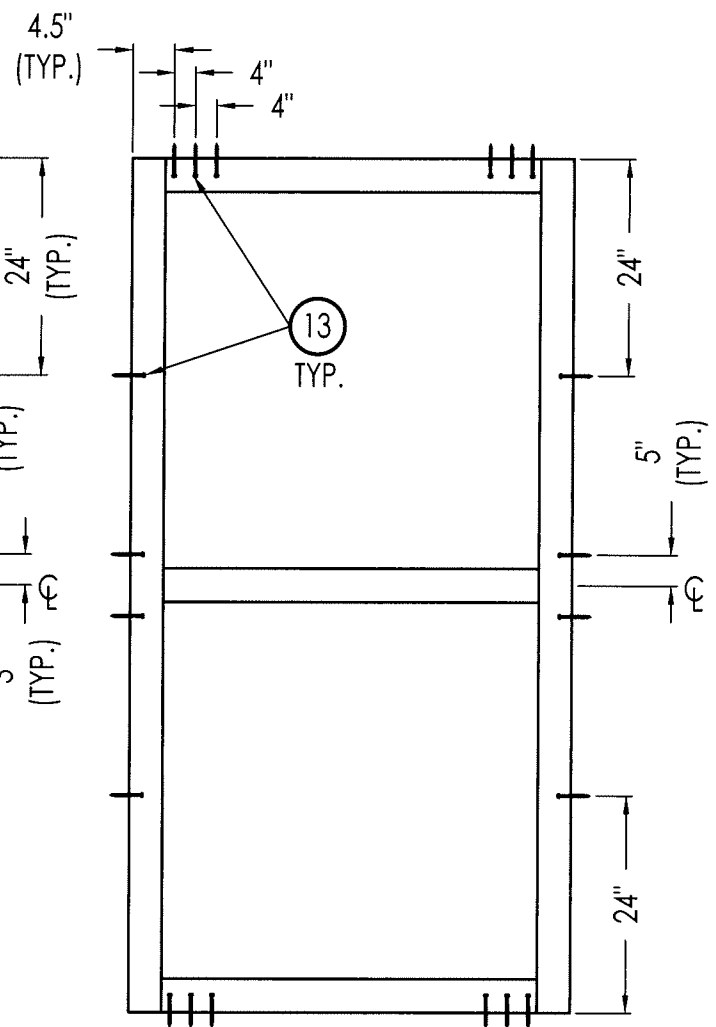
MAX. DP <= 115 PSF



MAX. DP <= 70 PSF



MAX. DP <= 115 PSF



MAX. DP <= 70 PSF

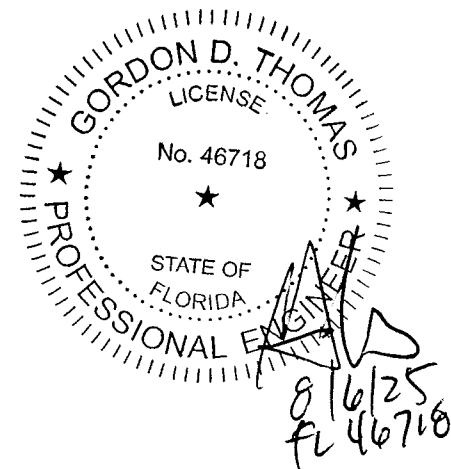
SINGLE LITE

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



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PRODUCT:
SUN METALS
ALUMINUM WINDOW WALL

PART OR ASSEMBLY:
FRAME ANCHORING

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

DATE: 8/23/12

SCALE: N.T.S.

DWG. BY: CO

CHK BY: ECV

DRAWING NO.:
FL-15891.1

SHEET: **3** OF **4**

