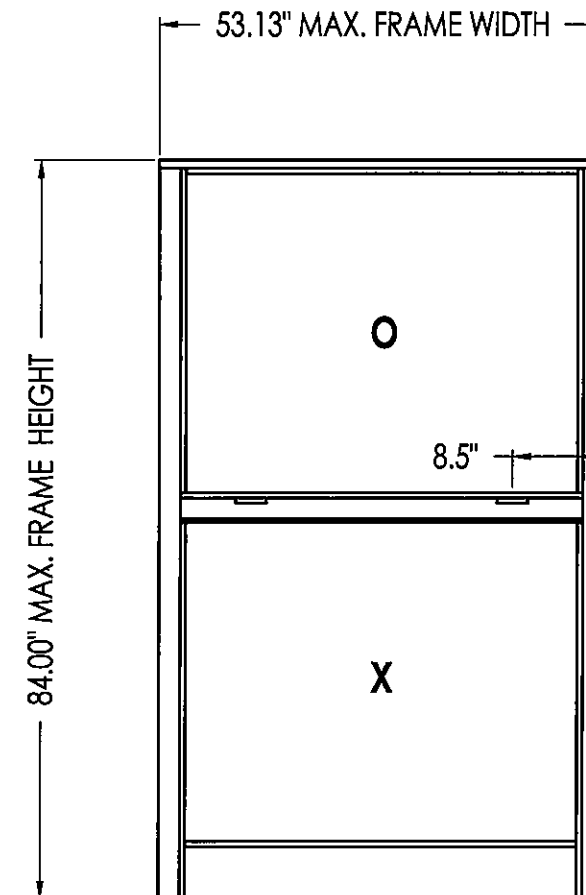
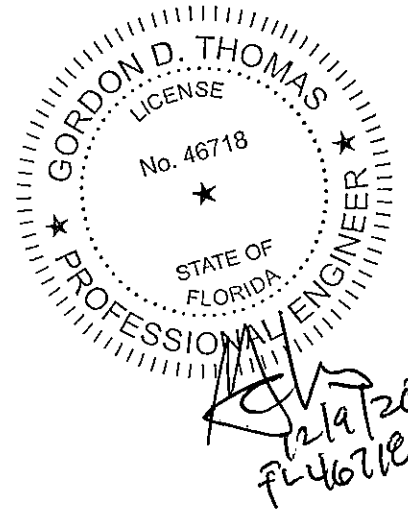




2-LITE SINGLE HUNG

1. This product has been evaluated and is in compliance with the 7th Edition (2020) 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 installation 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 Florida Building Code.
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 2020 FBC as a small missile impact resistant product and does not require an impact resistant covering. This product meets missile level "A" and includes Wind Zone 4 as defined in ASTM E 1996. 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 Florida Building Code.
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".

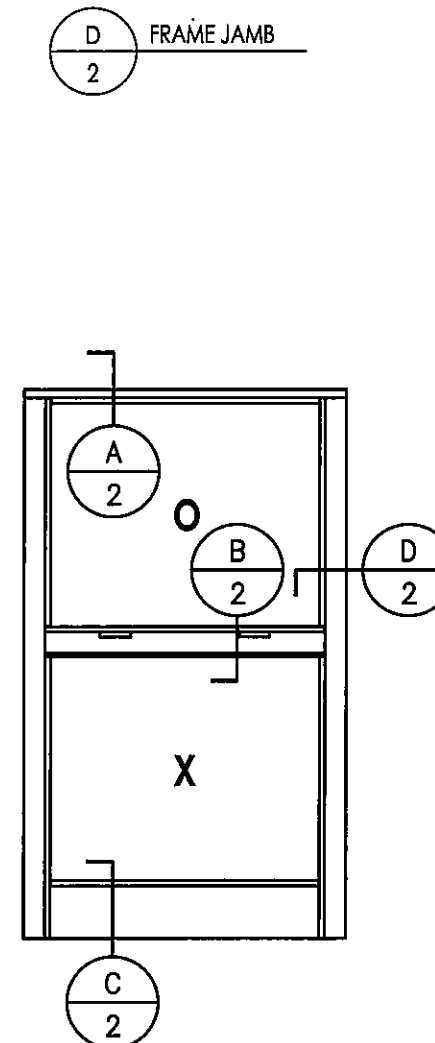
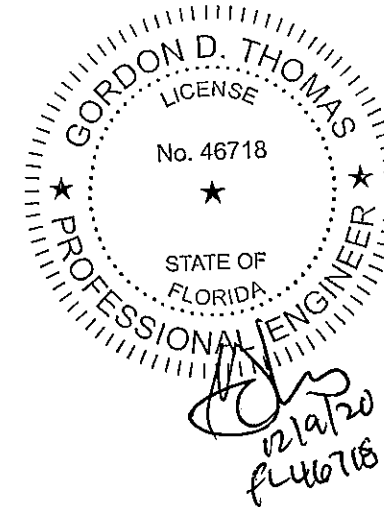
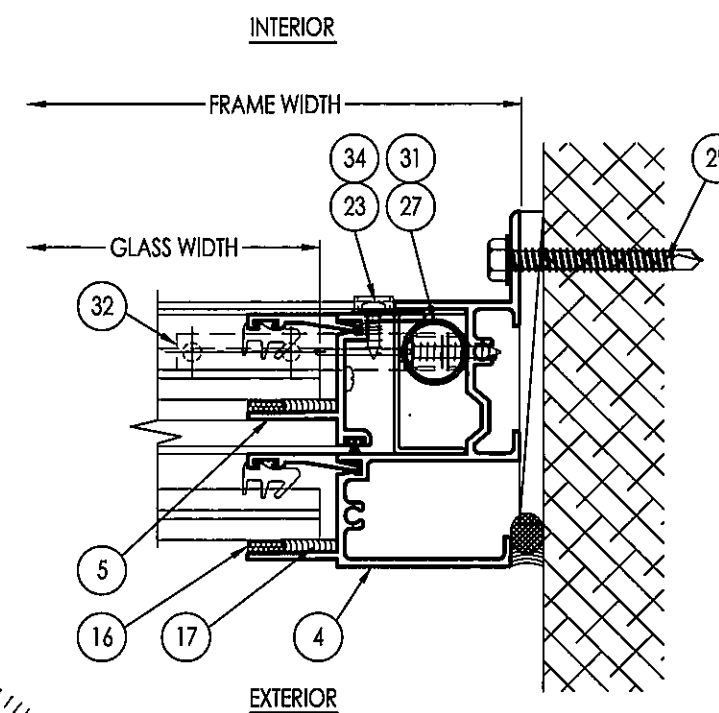
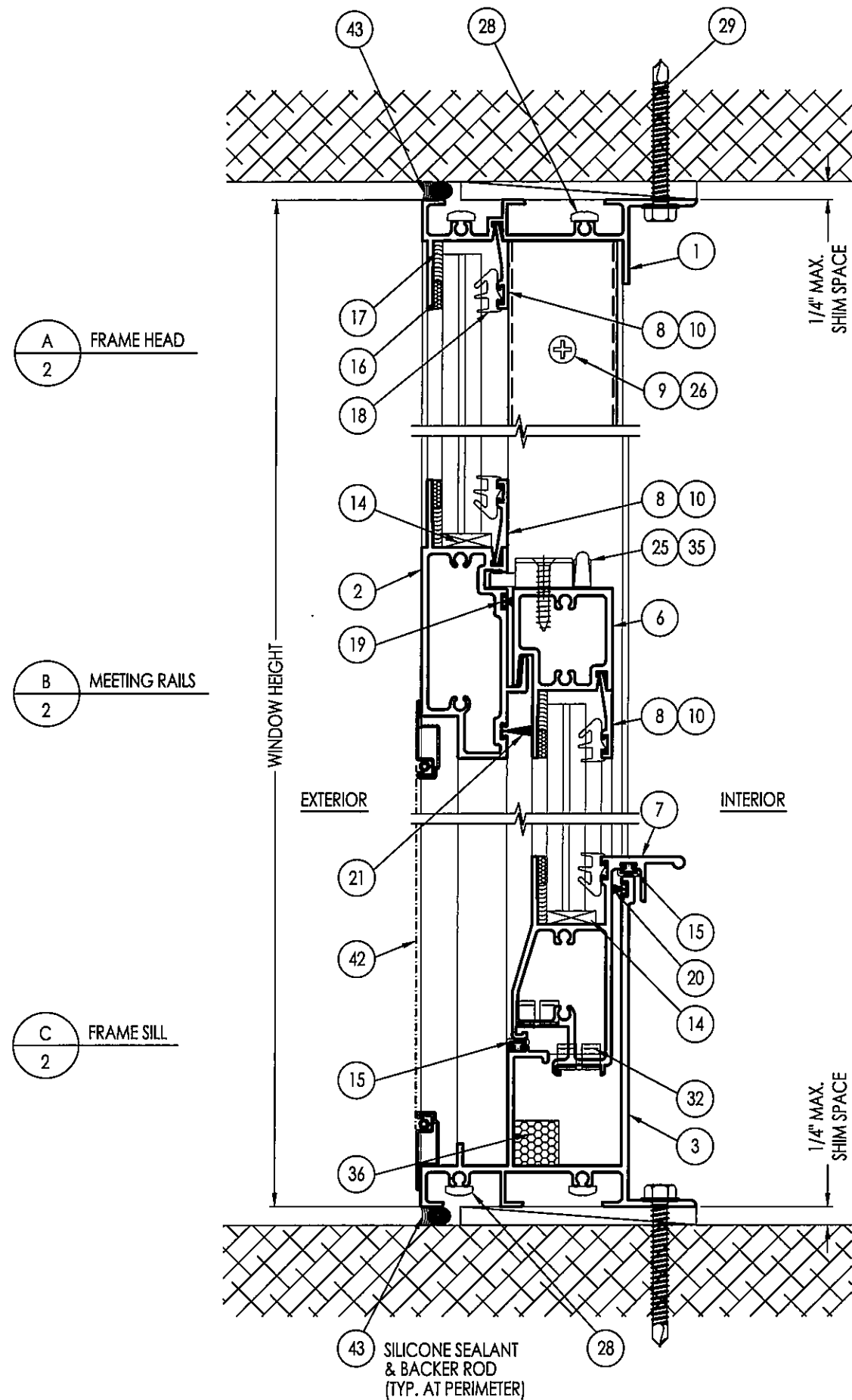
TABLE OF CONTENTES	
SHEET #	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Horizontal & vertical cross sections
3	Bill of materials, glazing detail & components
4	Anchoring

MAX. OVERALL FRAME	MAX. D.L.O. DIMENSION 2 LITE	GLASS TYPE	DESIGN PRESSURE (PDI)	
			POSITIVE	NEGATIVE
53.13" x 84.00"	47.50" x 37.00"	G3	+ 100.0	- 120.0

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



PRODUCT: SUN METALS 275 SINGLE HUNG WINDOW		PART OR ASSEMBLY: TYPICAL ELEVATIONS, DESIGN PRESSURES & GENERAL NOTES	
1	9/21/20	UPDATE TO 7TH ED. (2020) FBC	JCB
NO	DATE	DESCRIPTION	BY
REVISIONS			
DATE: 08/24/18			
SCALE: NA			
DWG. BY: CO			
CHK BY: ECV			
DRAWING NO.: FL-3504.5			
SHEET: 1 OF 4			



5008 TAMPA WEST BLVD. TAMPA, FLORIDA 33634 PHONE: (813) 889-0718 FAX: (813) 886-0666			
SUN METALS			
PRODUCT: SUN METALS 275 SINGLE HUNG WINDOW			
PART OR ASSEMBLY: HORIZ. & VERTICAL ELEVATIONS			
1	9/21/20	UPDATE TO 7TH ED. (2020) FBC	JCB
NO	DATE	DESCRIPTION	BY
REVISIONS			
DATE: 08/24/18			
SCALE: NA			
DWG. BY: CO			
CHK BY: ECV			
DRAWING NO.: FL-3504.5			
SHEET: 2 OF 4			

Technical drawing of a cross-section of a beam. The drawing shows a profile with a total width of 3.776 inches. The distance from the left edge to the first step is 2.76 inches. The left flange has a thickness of .562 inches, and the right flange has a thickness of .09 inches. The profile features a series of steps and a central recessed area.

Technical drawing of a cross-section of a mechanical part. The drawing shows a complex profile with several dimensions indicated by arrows and text:

- A horizontal dimension of $3.844''$ spans the top of the main body.
- A horizontal dimension of $2.911''$ spans the width of the upper rectangular section.
- A vertical dimension of $.674''$ indicates the height of the upper section.
- A vertical dimension of $.09''$ indicates the thickness of the upper section.

Technical drawing of a stepped profile with dimensions: 3.693" (total width), 2.74" (left height), .07" (gap), and 1.208" (right height).

Technical drawing of a stepped profile. The drawing shows a cross-section of a part with the following dimensions:

- Overall width: 2.934"
- Overall height: 4.55"
- Top flange thickness: .1"
- Height of the first step from the base: .562"
- Height of the second step from the base: 1.652"

Top view cross-section showing a gap of .147" and a dimension of .938" for the top flange.

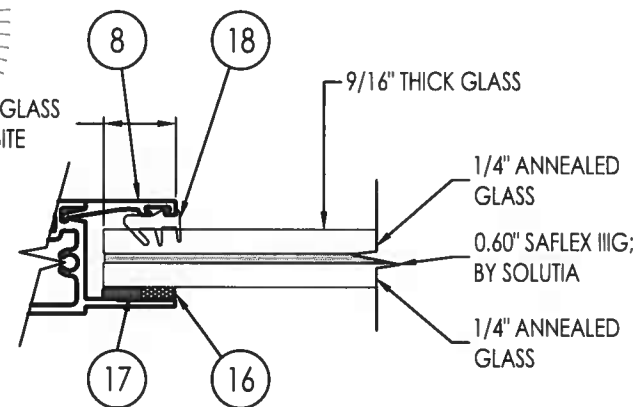
 15 GASKET

15 GASKET

18 GASKET

9 SASH STOP
(SUN-261)

11 INTERMEDIATE FRAME SILL
(SUN-259)



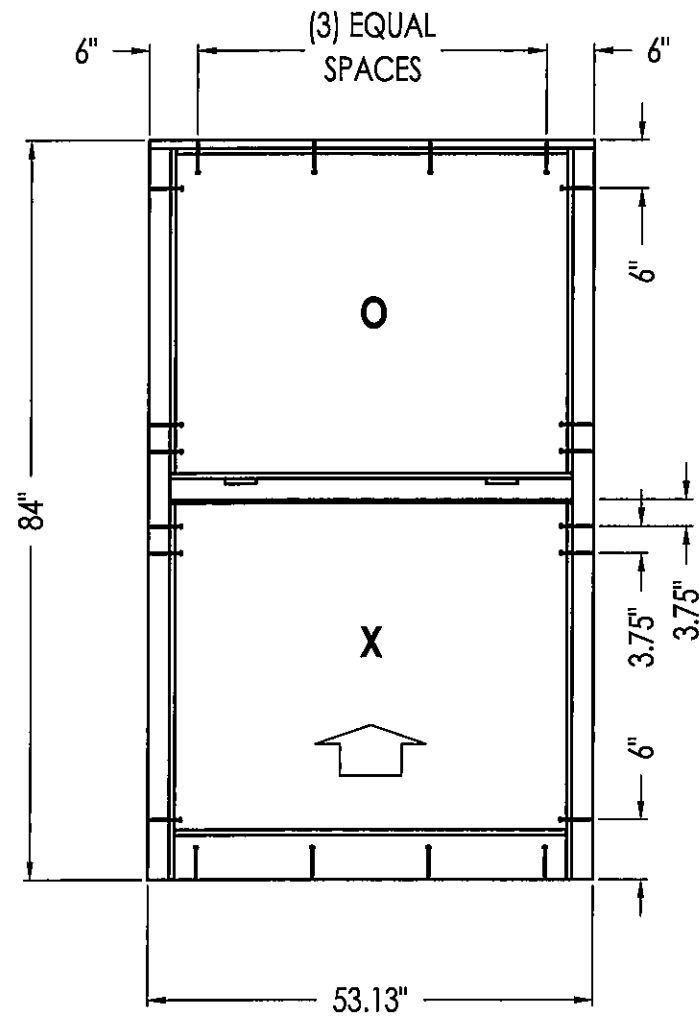
G3 GLAZING DETAIL



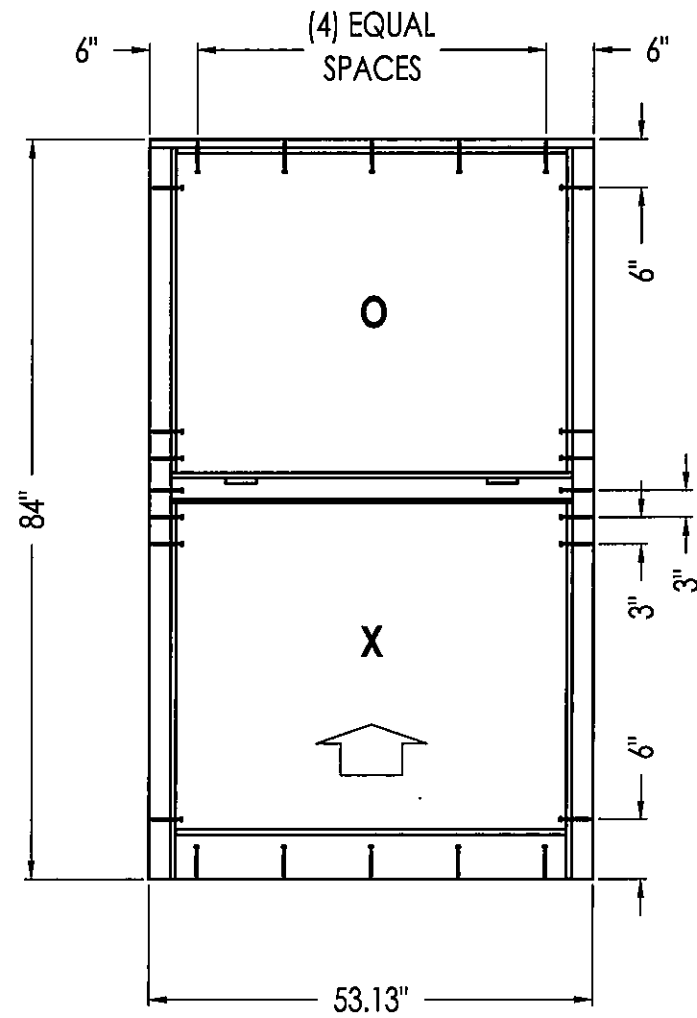
**SUN METALS
275 SINGLE HUNG WINDOW**

PART OR ASSEMBLY:

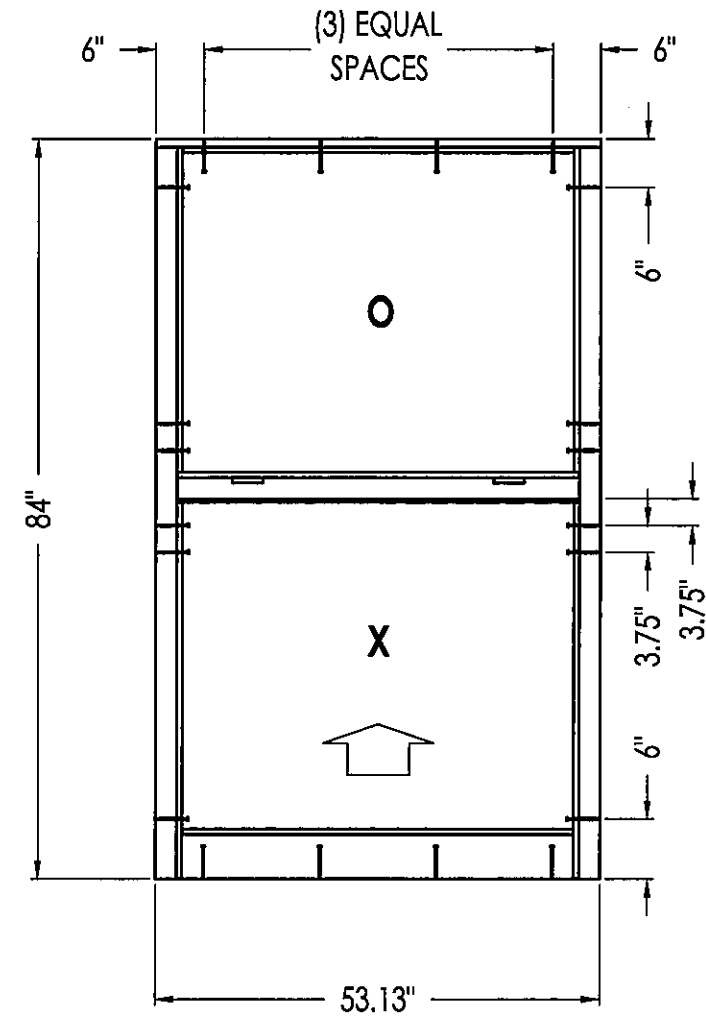
										JOB											
										UPDATE TO 7TH ED. (2020)	FBC										
										9/21/20		DATE									
										NO.											
DATE: 08/24/18																					
SCALE: NA																					
DWG. BY: CO																					
CHK BY: ECV																					
DRAWING NO.: FL-3504.5																					
SHEET: <u>3</u> OF <u>4</u>																					



APPROVED ANCHORS
5/16" SHEET METAL SCREWS



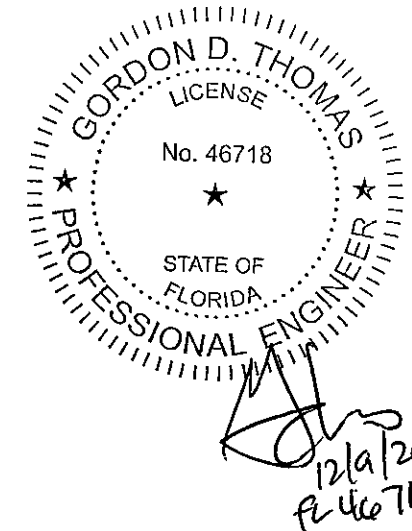
APPROVED ANCHORS
#24 WOOD SCREWS



APPROVED ANCHORS
5/16" ITW TAPCONS

FRAME ANCHORING
UP TO & INCLUDING +100 / -120 PSF.

APPROVED ANCHOR SCHEDULE		
ANCHOR	DESCRIPTION	MANUFACTURER
#24 WOOD SCREW	MAIN MEMBER SG = .55 MIN., EDGE DISTANCE = 1.5" MIN., EMBEDMENT = 2.375" MIN., CL = 2" MIN.	N/A
5/16" CONCRETE SCREW	CONCRETE = 3,295 PSI MIN, CONFORMING TO ACI 301, EDGE DISTANCE = 3.125" MIN., EMBEDMENT = 1.25" MIN., CL = 3.75" MIN.	ITW BUILDDEX
5/16" SHEET METAL SCREW	SUBSTRATE = 16 GA. STEEL MIN., ASTM A36, EDGE DISTANCE = 1" MIN., EMBEDMENT = 3 THREADS PROTRUDING MIN, CL = 1" MIN.	HILTI DRILL-FLEX & KWIK-FLEX



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PRODUCT:		SUN METALS	
		275 SINGLE HUNG WINDOW	
PART OR ASSEMBLY:		ANCHORING	
NO	DATE	DESCRIPTION	BY
1	9/21/20	UPDATE TO 7TH ED. (2020) FBC	JCB
REVISIONS			
DATE: 08/24/18			
SCALE: NA			
DWG. BY: CO			
CHK BY: ECV			
DRAWING NO.: FL-3504.5			
SHEET: 4 OF 4			