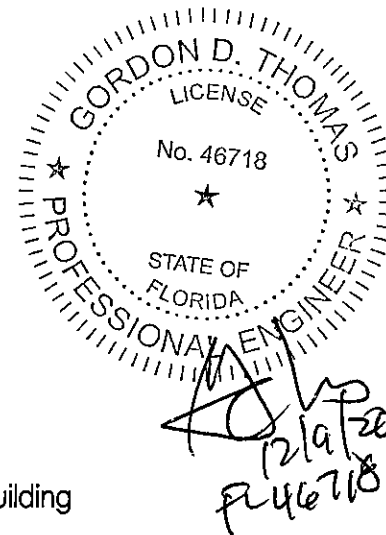




1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas 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 1609.1.2 of the Florida Building Code.
4. Site conditions that deviate from the details of this drawing require further engineering analysis by a licenced engineer or registered architect.

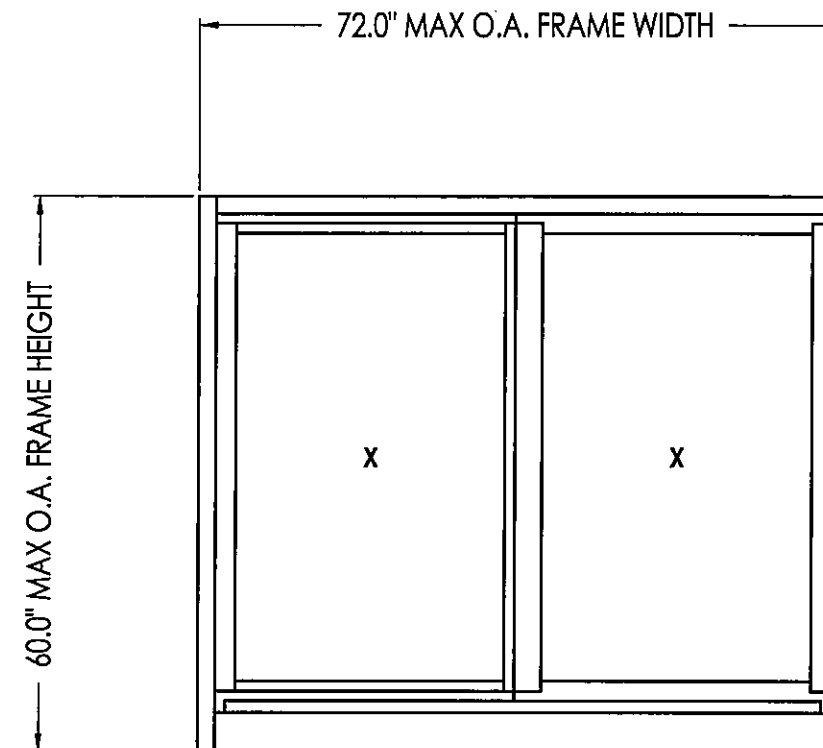
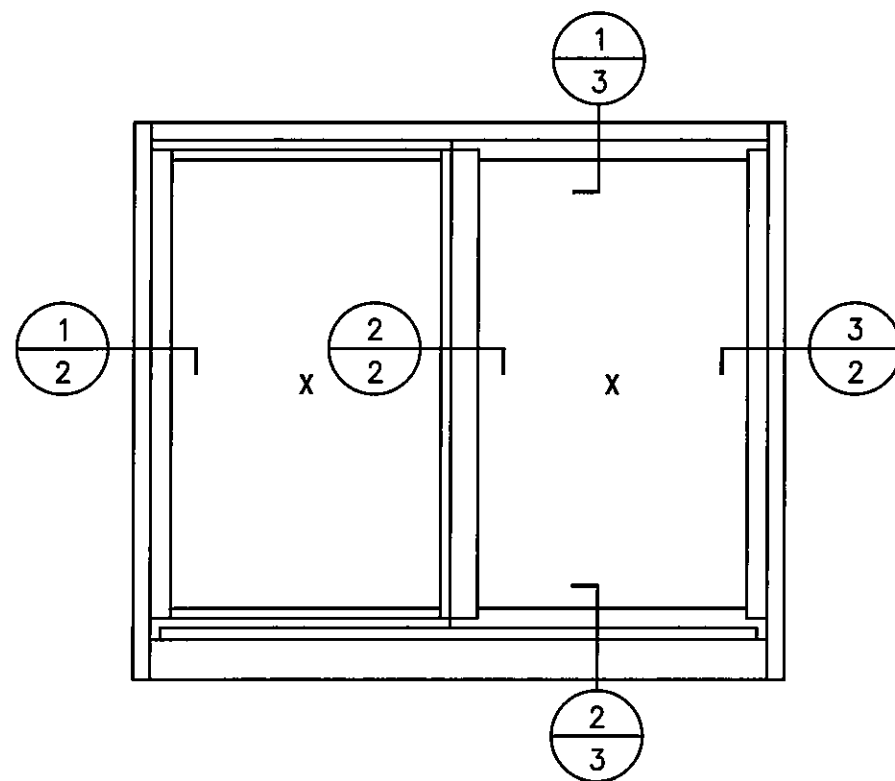


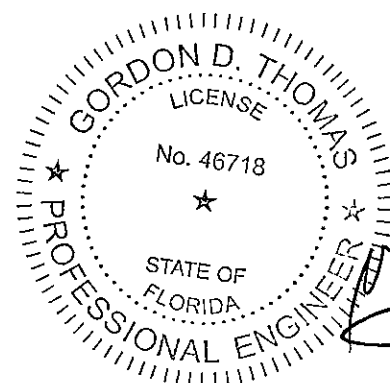
TABLE OF CONTENTES	
SHEET #	DESCRIPTION
1	Typical elevations, design pressures and general notes
2	Horizontal cross section and glazing detail
3	Vertical cross sections
4	Frame anchoring
5	Bill of materials & components

MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PDF)	
			POSITIVE	NEGATIVE
72.00" x 60.00"	31.88" x 51.88"	G1	+ 65.0	- 65.0

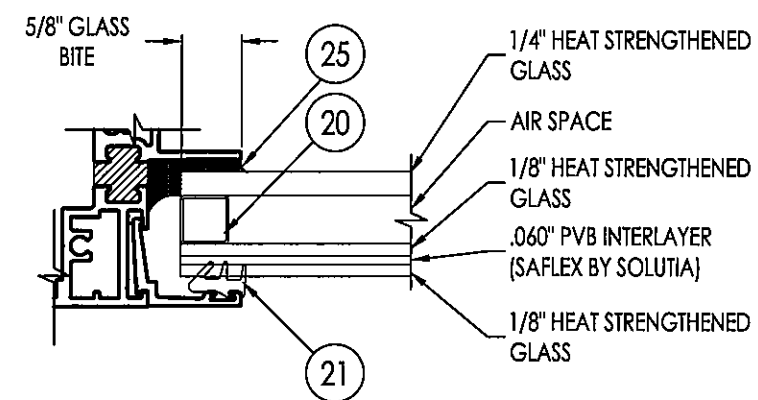
5008 TAMPA WEST BLVD. TAMPA, FLORIDA 33634 PHONE: (813) 889-0718 FAX: (813) 886-0666			
			
PRODUCT: SUN METALS 400 SW SLIDING WINDOW			
PART OR ASSEMBLY: TYPICAL ELEVATIONS, DESIGN PRESSURES & GENERAL NOTES			
1	9/21/20	UPDATE TO 7TH ED. (2020)	JCB
NO	DATE	DESCRIPTION	BY
REVISIONS			
DATE: 08/24/18			
SCALE: NA			
DWG. BY: CO			
CHK BY: ECV			
DRAWING NO.: FL-13510.2			
SHEET: 1 OF 5			



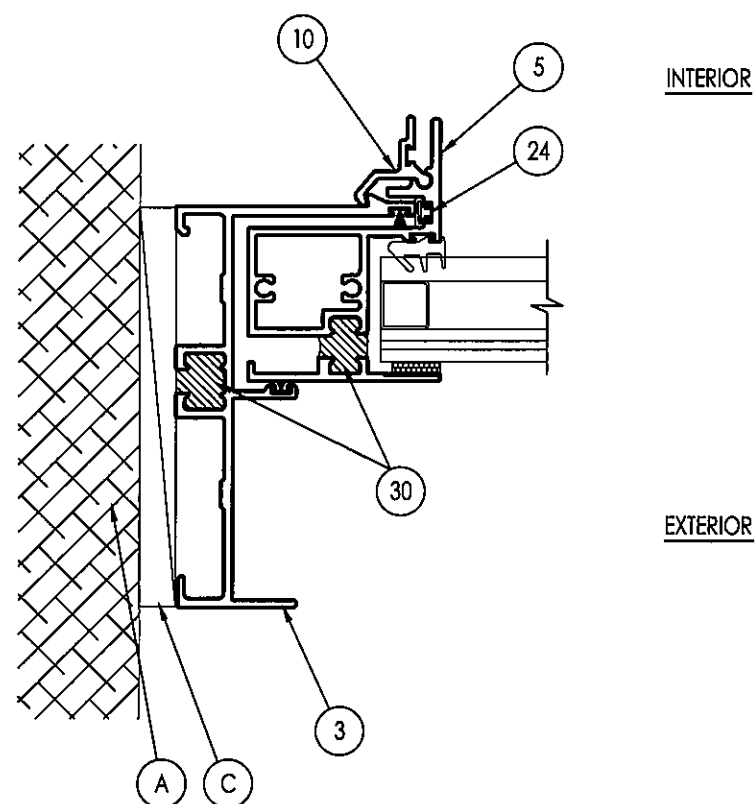
NOTE:
1. SASH LOCKS (2) LOCATED 7-3/4" FROM EACH END OF SASH. THE LATCH IS ATTACHED WITH (2) #8 X 3/4" SELF TAPPING SMS.



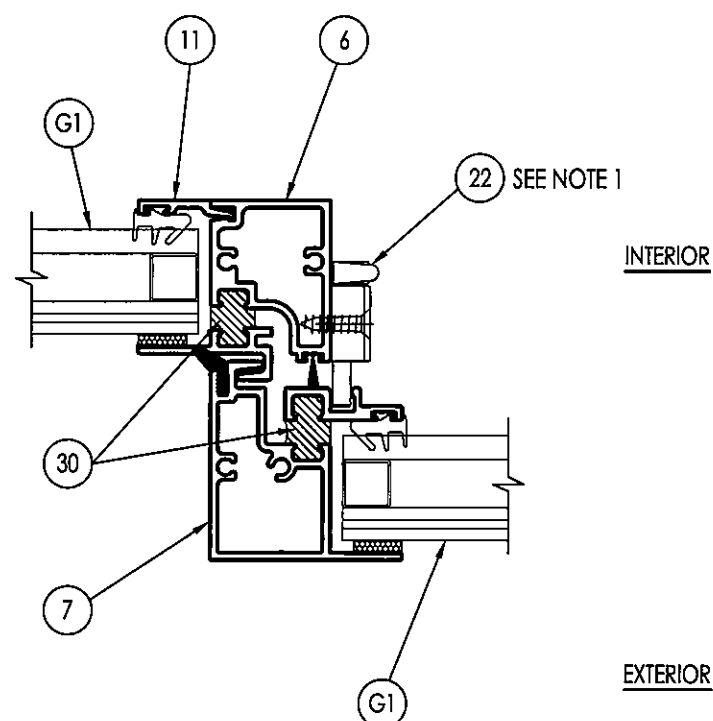
12/19/20
FL 46718



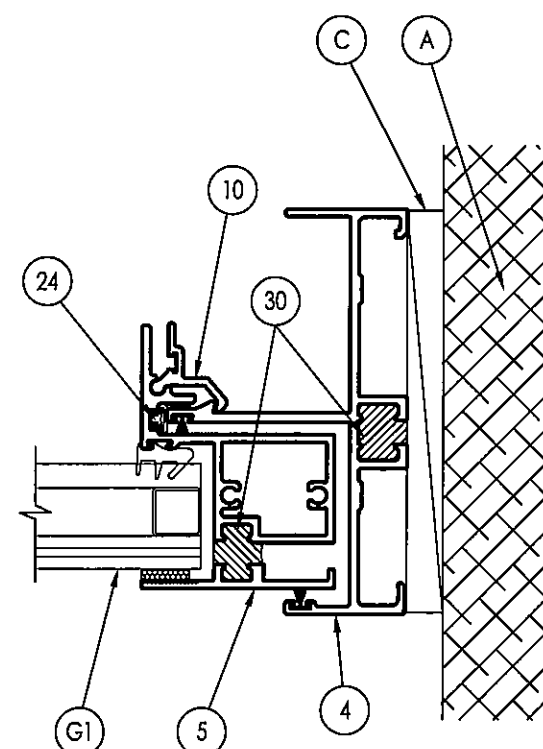
(G1) GLAZING DETAIL



1
2 HORIZONTAL CROSS SECTION



2
2 HORIZONTAL CROSS SECTION

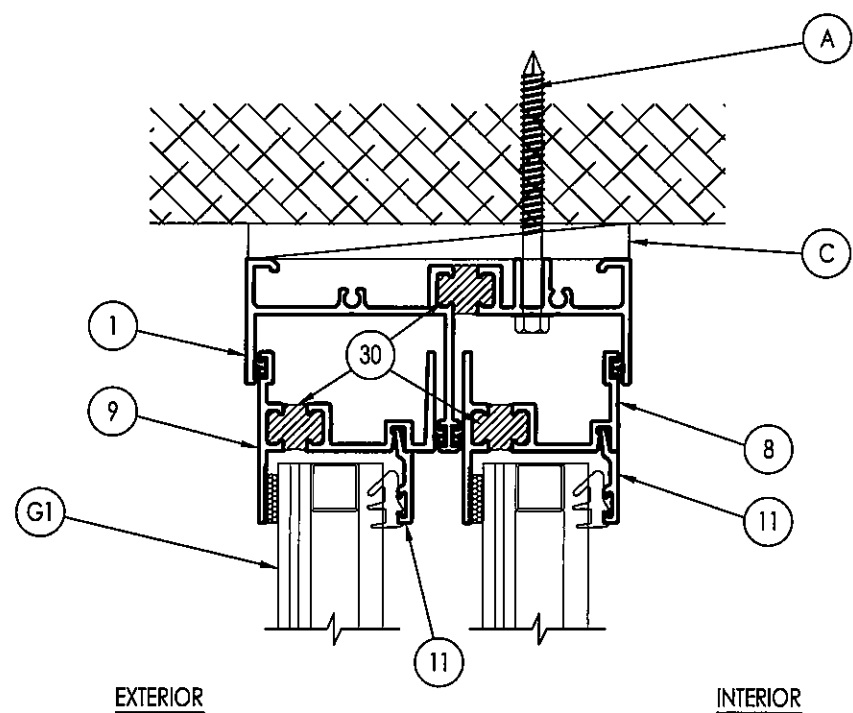
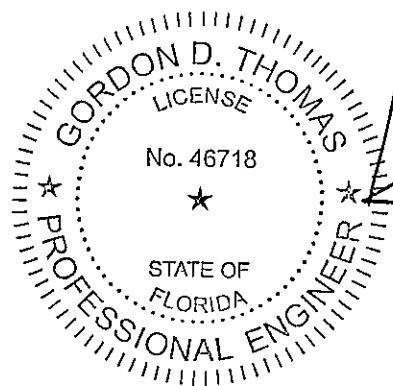


3
2 HORIZONTAL CROSS SECTION

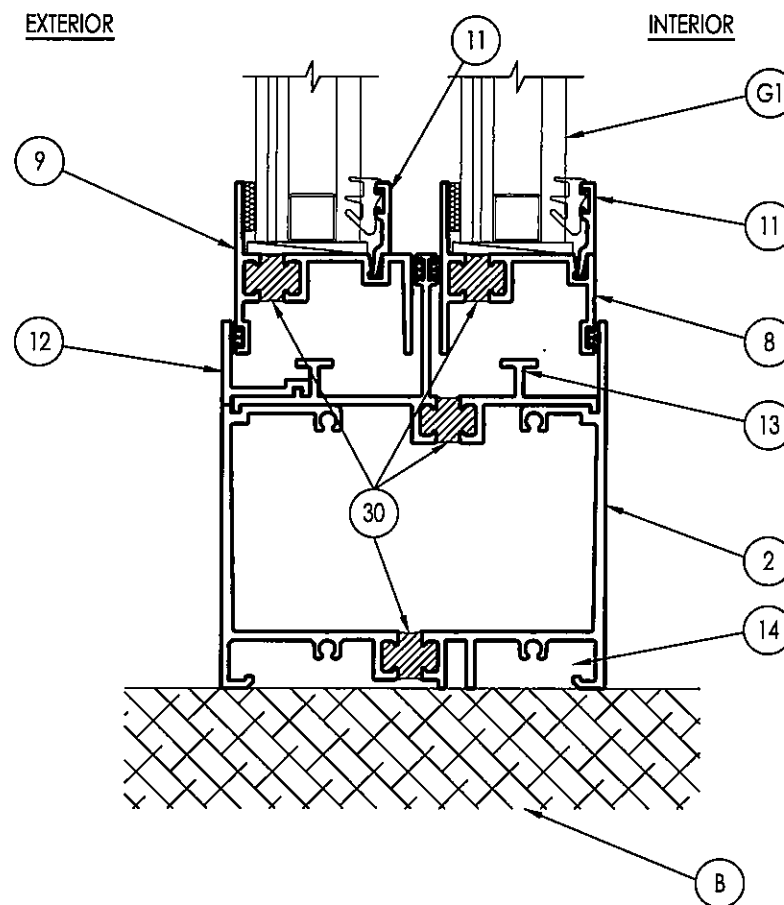
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TAMPA, FLORIDA 33634
PHONE: (813) 889-0718
FAX: (813) 886-0666



PRODUCT:		SUN METALS	
		400 SW SLIDING WINDOW	
PART OR ASSEMBLY:		HORIZONTAL CROSS SECTIONS	
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-13510.2			
SHEET: 2 OF 5			



1
3 VERTICAL CROSS SECTION

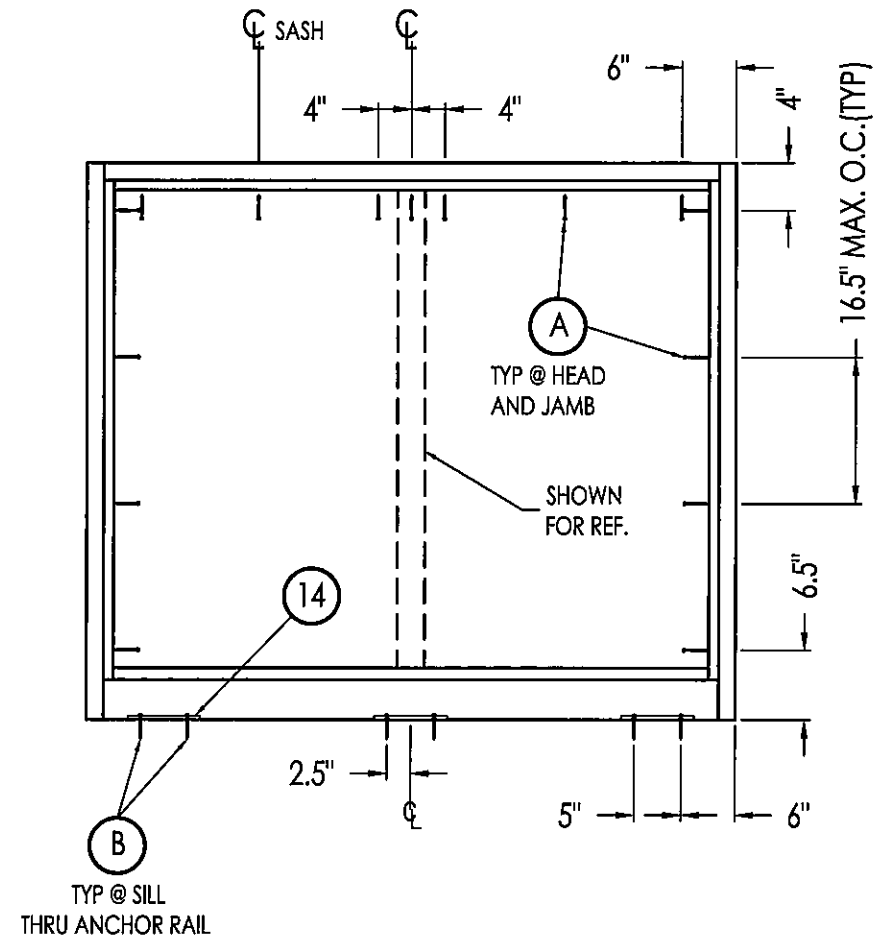


2
3 VERTICAL CROSS SECTION

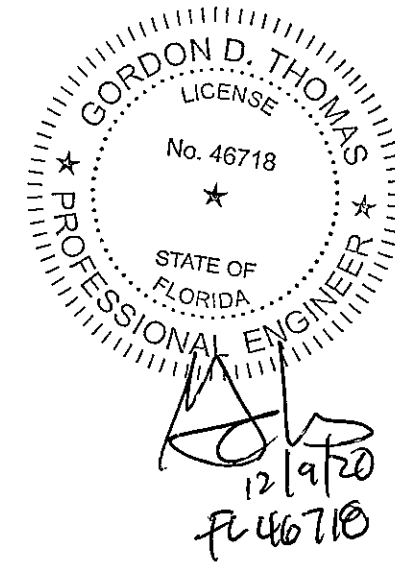
5008 TAMPA WEST BLVD.
TAMPA, FLORIDA 33634
PHONE: (813) 889-0718
FAX: (813) 886-0666



PRODUCT:		SUN METALS 400 SW SLIDING WINDOW		PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS	

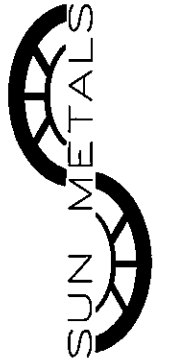


FRAME ANCHORING



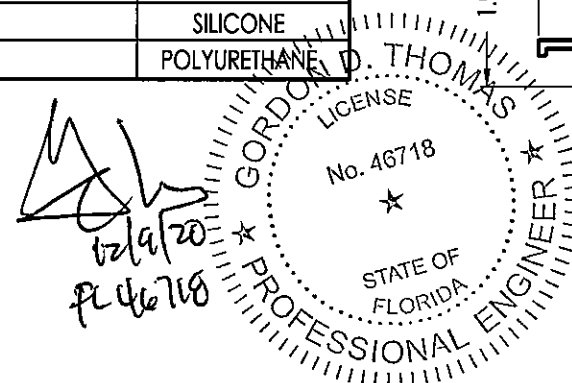
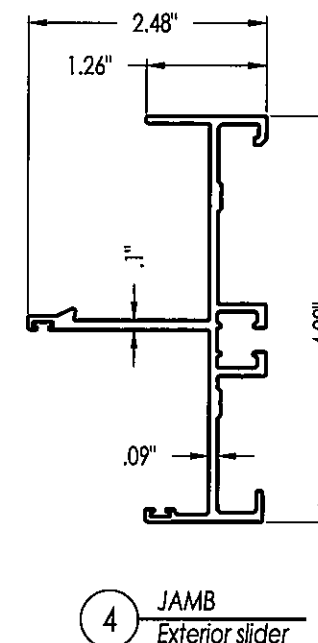
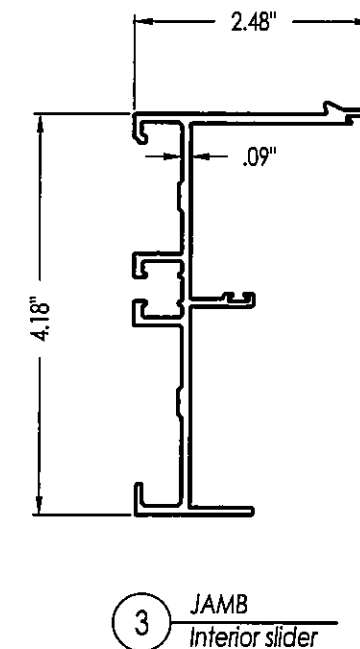
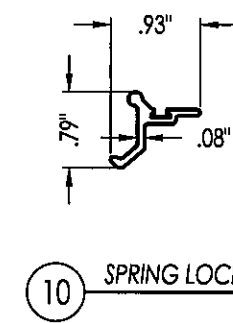
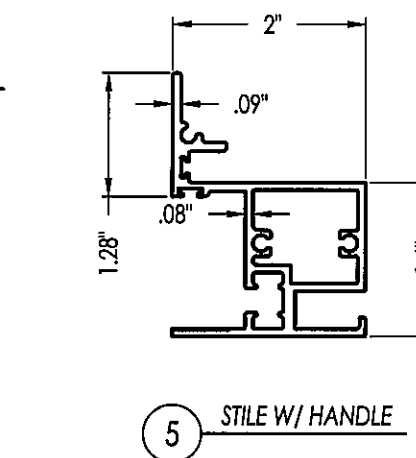
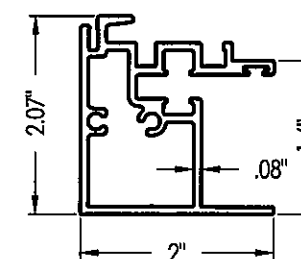
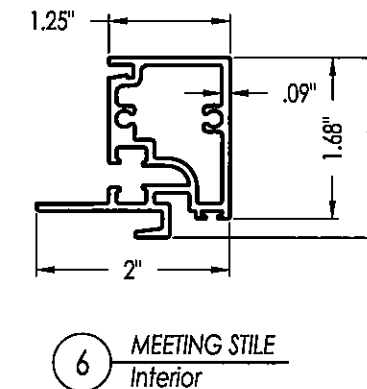
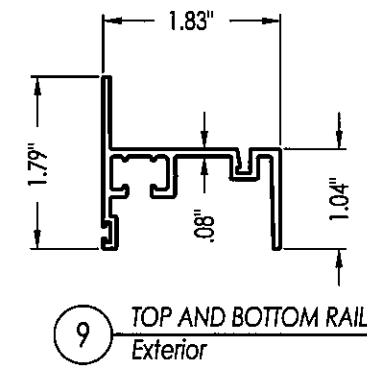
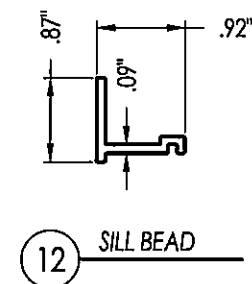
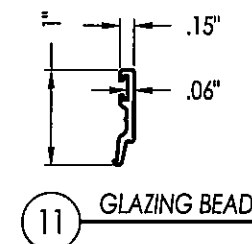
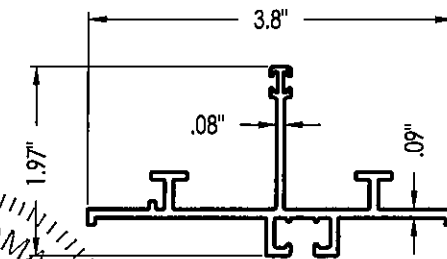
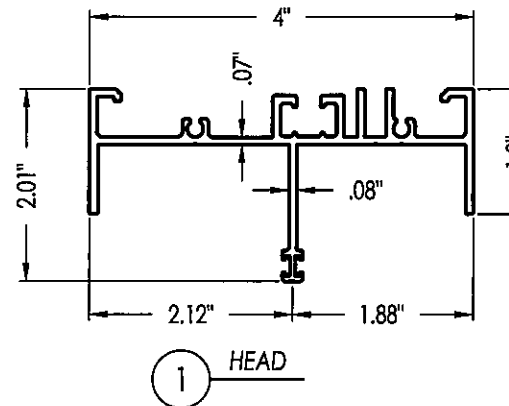
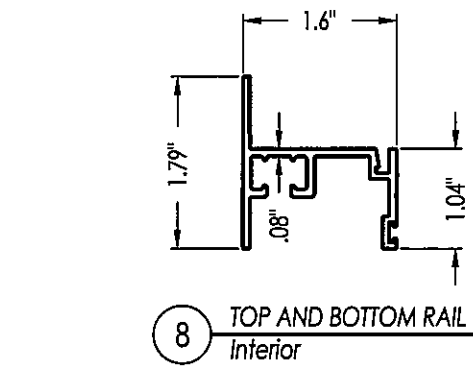
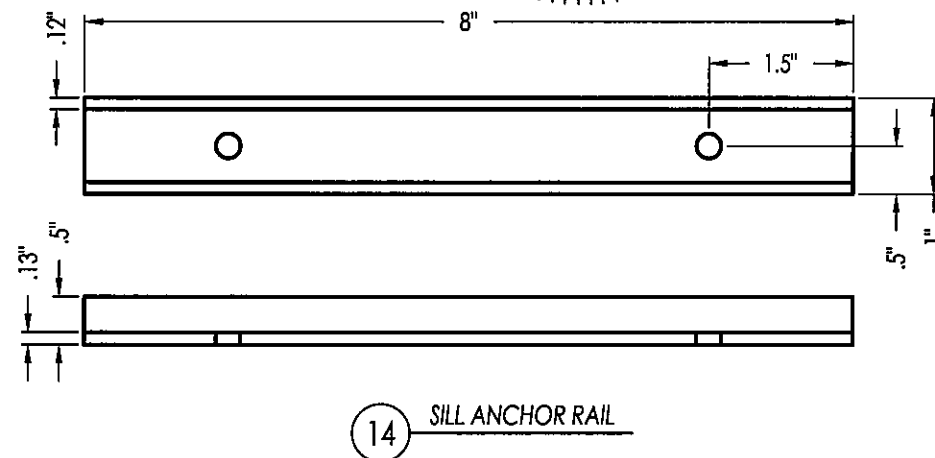
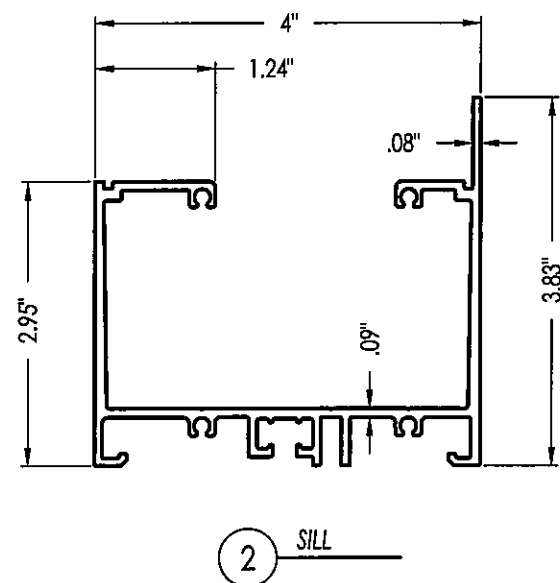
APPROVED ANCHOR SCHEDULE			
ANCHOR		DESCRIPTION	MANUFACTURER
(A)(B)	#24 WOOD SCREW	MAIN MEMBER SG = .55 MIN., EDGE DISTANCE = 1.5" MIN., EMBEDMENT = 2.375" MIN., CL = 2" MIN.	N/A
(A)(B)	1/4" SHEET METAL SCREW	SUBSTRATE = 16 GA. STEEL MIN., ASTM A36, EDGE DISTANCE = 1" MIN., EMBEDMENT = 3 THREADS PROTRUDING MIN, CL = 1" MIN.	HILTI KWIK-PRO
(A)	5/16" CONCRETE SCREW	CONCRETE = 2,899 PSI MIN, CONFORMING TO ACI 301, EDGE DISTANCE = 3.125" MIN., EMBEDMENT = 1.25" MIN., CL = 3.75" MIN.	ITW BULDEX
(B)	1/4" CONCRETE SCREW	CONCRETE = 3,192 PSI MIN, CONFORMING TO ACI 301, EDGE DISTANCE = 2.5" MIN., EMBEDMENT = 1.25" MIN., CL = 2.75" MIN.	ITW BULDEX

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



PRODUCT:		SUN METALS		400 SW SLIDING WINDOW	
PART OR ASSEMBLY:		FRAME ANCHORING			
DATE		DESCRIPTION		REVISIONS	
9/21/20		UPDATE TO 7TH ED. (2020) FBC		JCB	
NO		DATE		BY	
1		9/21/20		JCB	
DATE: 08/24/18					
SCALE: NA					
DWG. BY: CO					
CHK BY: ECV					
DRAWING NO.: FL-13510.2					
SHEET: 4 OF 5					

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	ANCHOR---SEE ANCHOR ELEVATION SHEET	STEEL
B	ANCHOR---SEE ANCHOR ELEVATION SHEET	STEEL
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2 3/4" PFH CONCRETE SCREW	STEEL
E	1/4" X 2 3/4" HH CONCRETE SCREW	STEEL
1	SLIDING WINDOW FRAME HEAD (#SUN 4091)	6063-T6 ALUM
2	SLIDING WINDOW FRAME SILL (#SUN 4093)	6063-T6 ALUM
3	SLIDING WINDOW FRAME JAMB (#SUN 4092)	6063-T6 ALUM
4	SLIDING WINDOW FRAME JAMB (#SUN 4094)	6063-T6 ALUM
5	STILE W/ HANDLE (#SUN 4057)	6063-T6 ALUM
6	MEETING STILE (#SUN 4056)	6063-T6 ALUM
7	MEETING STILE (#SUN 4052)	6063-T6 ALUM
8	TOP AND BOTTOM RAIL (#SUN 4055)	6063-T6 ALUM
9	TOP AND BOTTOM RAIL (#SUN 4095)	6063-T6 ALUM
10	SPRING LOCK (#SUN 4098)	6063-T6 ALUM
11	GLAZING BEAD (#SUN 4058)	6063-T6 ALUM
12	SILL BEAD (#SUN 4096)	6063-T6 ALUM
13	SILL TRACK (#SUN 4097)	6063-T6 ALUM
14	SILL ANCHOR RAIL	6063-T6 ALUM
20	1/2" GLASS SPACER	ALUM
21	EXTRUDED 70 DURO. EPDM GLAZING WEDGE (TR11419E)	EPDM
22	SASH LOCK (#207 SA)	ZAMAK
24	EXTRUDED 70 DURO. EPDM BULB GASKET (TR13637E)	EPDM
25	STRUCTURAL SILICONE (TREMCO TREMSIL 600)	SILICONE
30	THERMAL BREAK	POLYURETHANE



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PRODUCT: SUN METALS 400 SW SLIDING WINDOW		PART OR ASSEMBLY: BOM & COMPONENTS	
DATE	DESCRIPTION	BY	DATE
9/21/20	UPDATE TO 7TH ED. (2020) FBC	JCB	
1	NO	DATE	REVISIONS
DATE: 08/24/18			
SCALE: NA			
DWG. BY: CO			
CHK BY: ECV			
DRAWING NO.: FL-13510.2			
SHEET: 5 OF 5			