

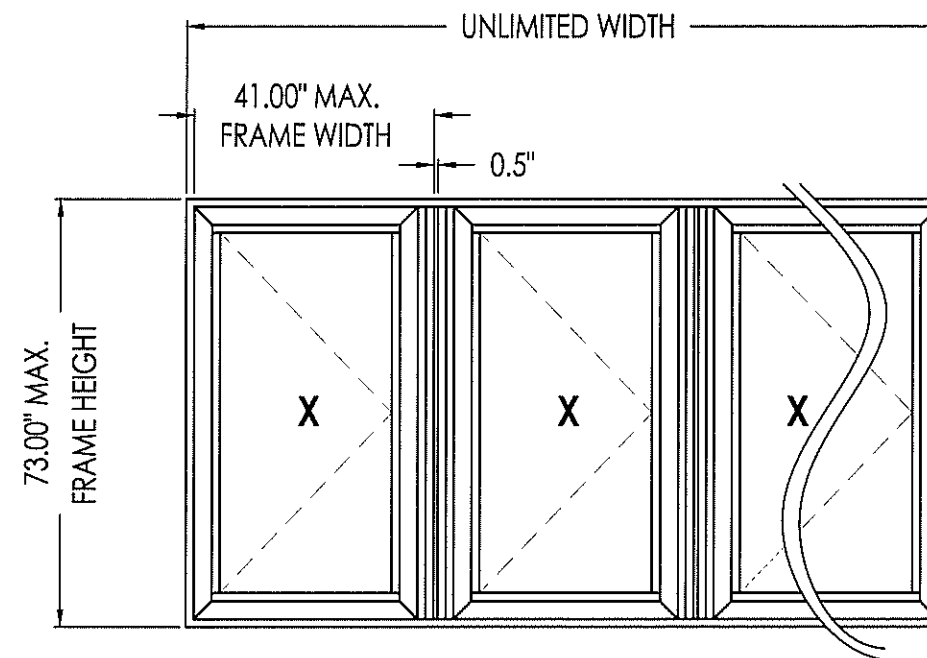
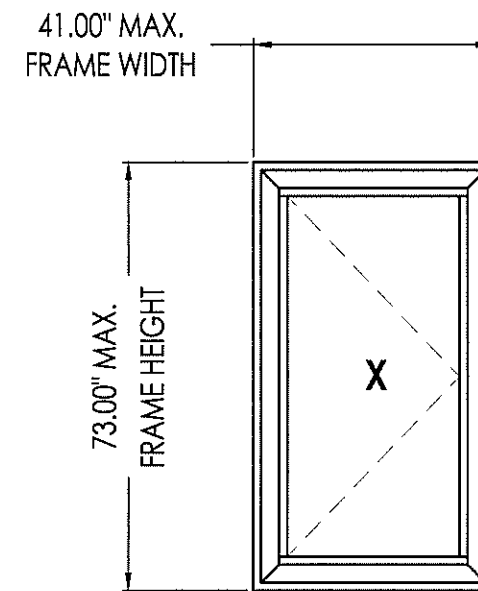


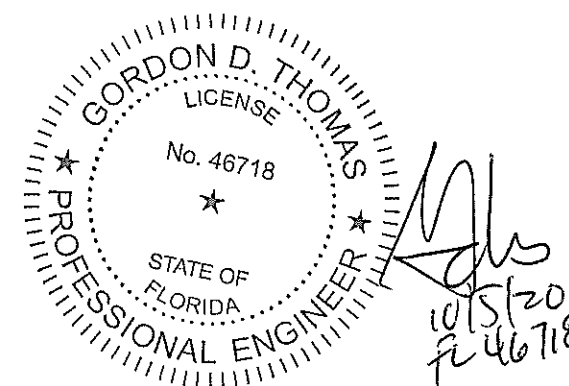
	TABLE OF CONTENTS
SHEET #	DESCRIPTION
1	Typical elevation, design pressures & general notes
2	Horizontal cross sections
3	Vertical cross sections
4	Frame anchoring
5	Bill of materials, glazing detail & components

CONFIGURATION	MAX. PANEL DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
SINGLE UNIT	41.00" x 73.00"	33.25" x 65.25"	G1	+ 65.0	- 65.0
MULLED UNIT	41.00" x 73.00"	33.25" x 65.25"	G1	+ 65.0	- 65.0

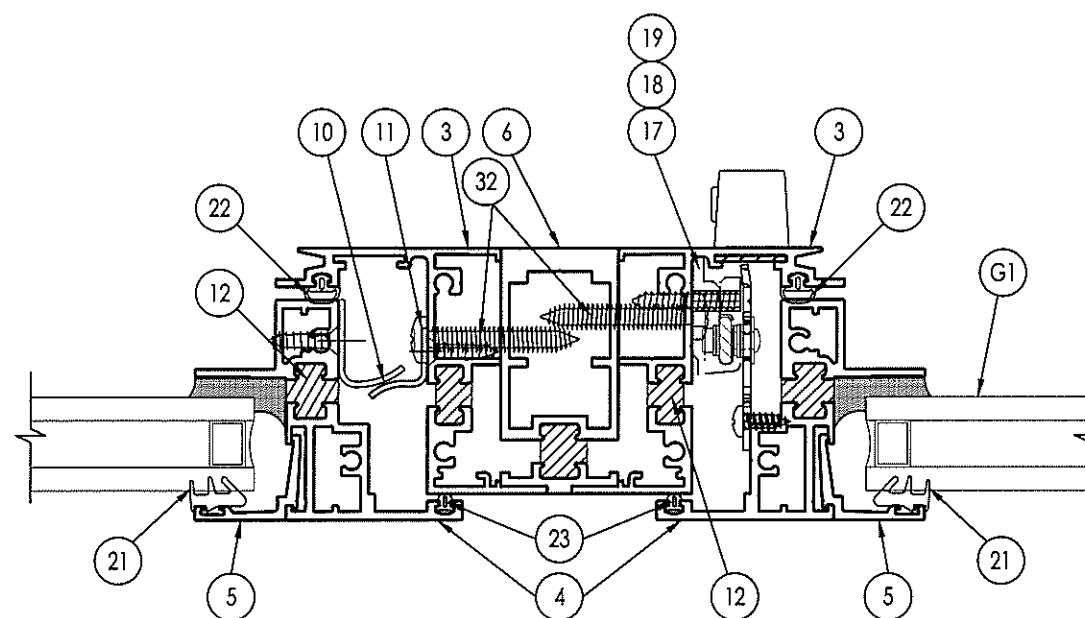


5008 TAMPA WEST BLVD.
TAMPA, FLORIDA 33634
PHONE: (813) 889-0718
FAX: (813) 886-0666

PRODUCT:		300C CASEMENT WINDOW		PART OR ASSEMBLY:		TABLE OF CONTENTS DESIGN PRESSURES	
☒	09/21/20	UPDATE TO 7TH ED. (2020)	FBC	JCB			
☒	09/03/19	UPDATE TO 2017 FBC		ECV			
☒	03/05/16	UPDATE TO 2014 FBC		CO			
☒	10/14/13	UPDATE TO 2010 FBC		CO			
☐	NO DATE	DESCRIPTION	BY				
REVISIONS							
DATE: 03/05/16							
SCALE: NA							
DWG. BY: CO							
CHK BY: ECV							
DRAWING NO.: FL-9820.3							
SHEET: 1 OF 5							



EXTERIOR



INTERIOR

EXTERIOR

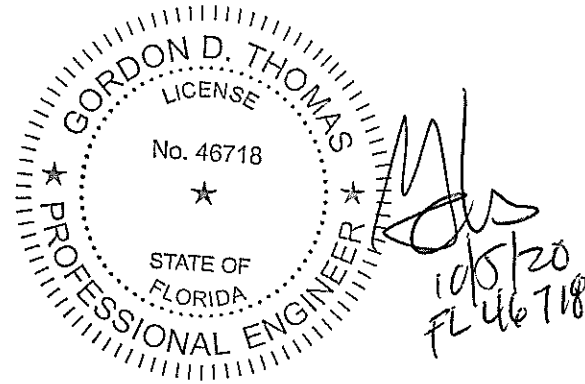
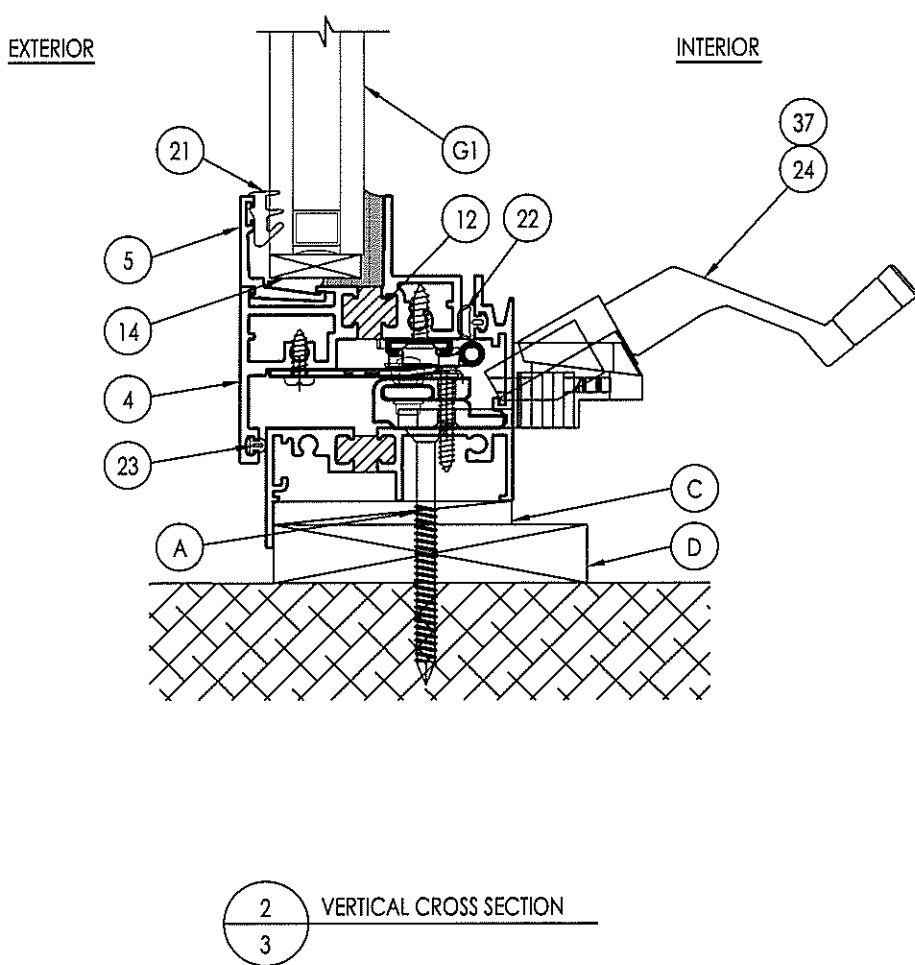


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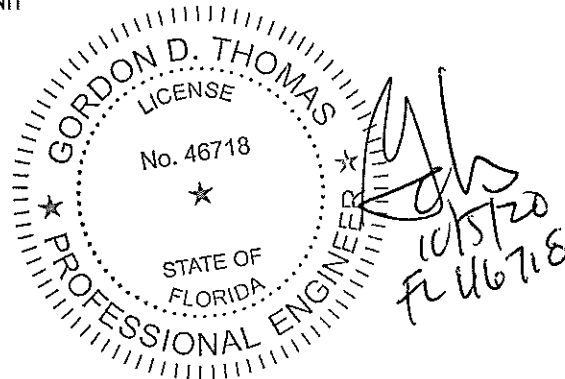
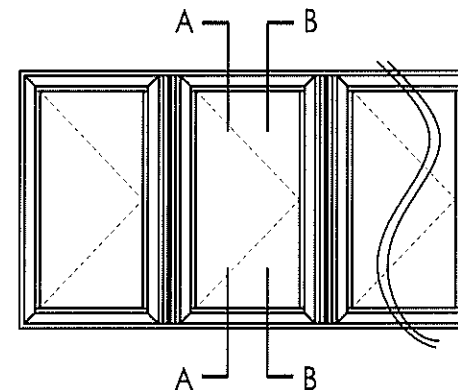
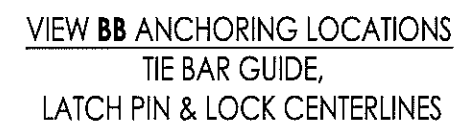


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[illegible]



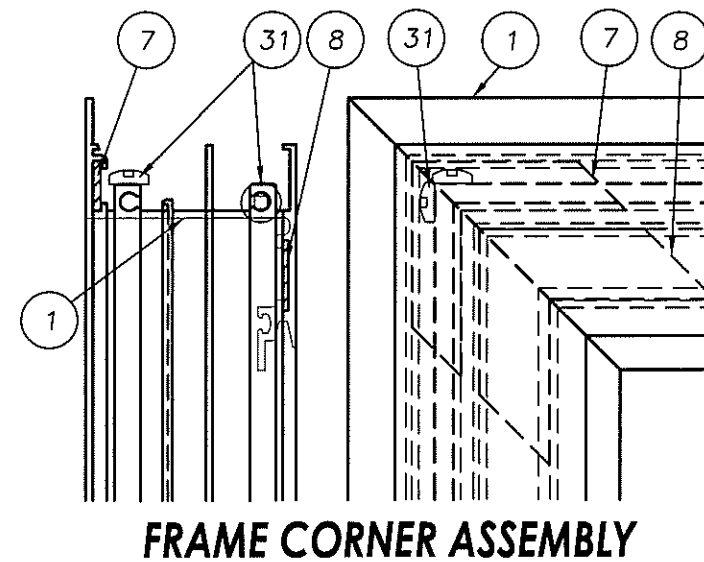
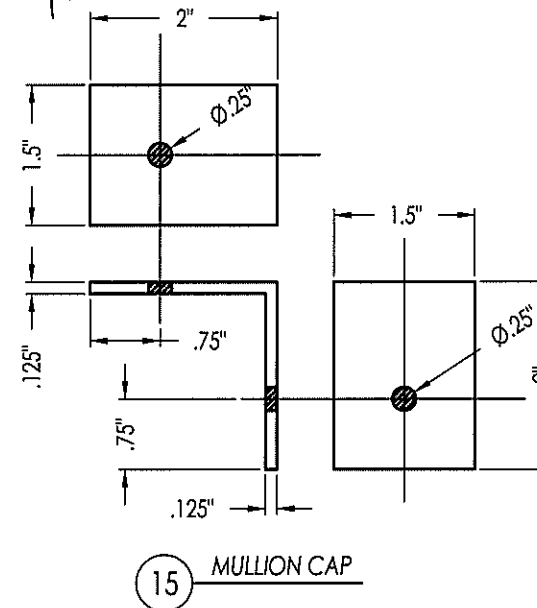
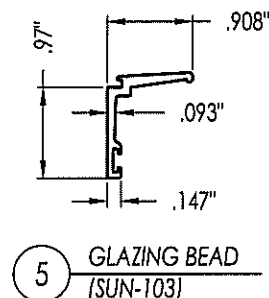
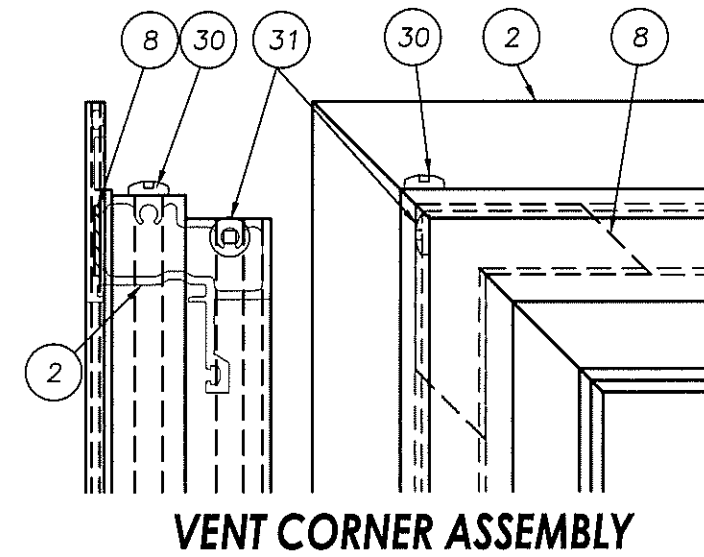
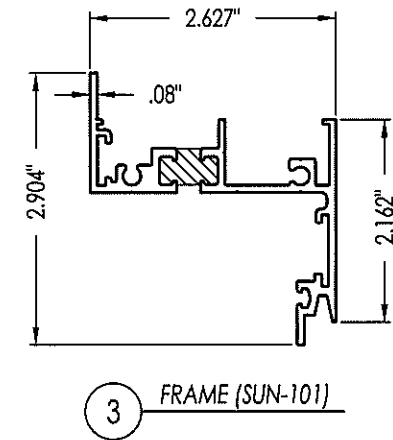
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A	09/21/20	UPDATE TO 7TH ED. (2020)	FBC JCB
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DWG. BY: CO			
CHK BY: ECV			
DRAWING NO.: FL-9820.3			
SHEET: <u>3</u> OF <u>5</u>			



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 318, EDGE DISTANCE = 3.125" MIN., EMBEDMENT = 1.25" MIN., CL = 3.75" MIN.	Tapcon Plus
(B)	1/4" CONCRETE SCREW	CONCRETE = 3,192 PSI MIN, CONFORMING TO ACI 318, EDGE DISTANCE = 2.5" MIN., EMBEDMENT = 1.25" MIN., CL = 2.75" MIN.	Tapcon Plus

 SUN METALS 5008 TAMPA WEST BLVD. TAMPA, FLORIDA 33634 PHONE: (813) 889-0718 FAX: (813) 886-0666										This drawing and the contents thereon are the express property of Sun Metals Systems, Inc. use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing for Sun Metals Systems, Inc. or use of design concepts shown on said drawings for purposes other than preparing proposed drawings and/or shop drawings for Sun Metals Systems, Inc. shall be cause for legal recourse by Sun Metals Systems, Inc.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	ANCHOR---SEE ANCHOR ELEVATION SHEET	-
B	ANCHOR---SEE ANCHOR ELEVATION SHEET	-
C	1/4" SHIM SPACE	-
D	1X BUCK (SG>=0.55)	WOOD
3	FRAME (#SUN 101)	6063-T6 ALUM
4	VENT (#SUN 102)	6063-T6 ALUM
5	GLAZING BEAD (#SUN 103)	6063-T6 ALUM
6	MULLION (#SUN 276)	6063-T6 ALUM
7	#14 X 3/4" SMS	STEEL
8	.063" CORNER KEY (H-467)	3003 ALUM
9	.080" CORNER KEY (H-452)	3003 ALUM
10	SNUBBER	STEEL
11	SNUBBER	STEEL
12	THERMAL BREAK	POLYURETHANE
14	SETTING BLOCK 1/4" X 1" X 4" LONG	SILICONE
15	MULLION CAP	6063-T6 ALUM
16	1/4" X 1-3/4" PFH SMS	STEEL
17	LOCK ASSEMBLY W/ FRAME GASKET (TRUTH)	ZAMAK
18	TIE BAR ASSEMBLY (TRUTH)	PLTED STL.
19	TIE BAR GUIDE (TRUTH)	NYLON
20	1/2" GLASS SPACER	ALUM
21	EXTRUDED 70 DURO. EPDM BULB GASKET (TR12911E)	EPDM
22	FRAME BULB SEAL (TR-4392P)	EPDM
23	VENT BULB SEAL (TR-13100P)	PEROX. EPDM
24	OPERATOR (TRUTH)	ZAMAK
25	STRUCTURAL SILICONE (TREMCO TREMSIL 600)	SILICONE
30	#12 X 5/8" Sq.Dr. PH SSSMS	STAINLESS
31	#12 X 1 1/4" Sq.Dr. PH SSSMS	STAINLESS
32	#10 X 2" PPH SMS	STEEL
37	CRANK (TRUTH)	ZAMAK



SUN METALS

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PRODUCT: 300C CASEMENT WINDOW

PART OR ASSEMBLY:

BOM & COMPONENTS

					JCB
					ECV
					CO
					CO
					BY
					REVISIONS
			A	09/21/20	UPDATE TO 7TH ED. (2020) FBC
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SHEET: 5 OF 5					