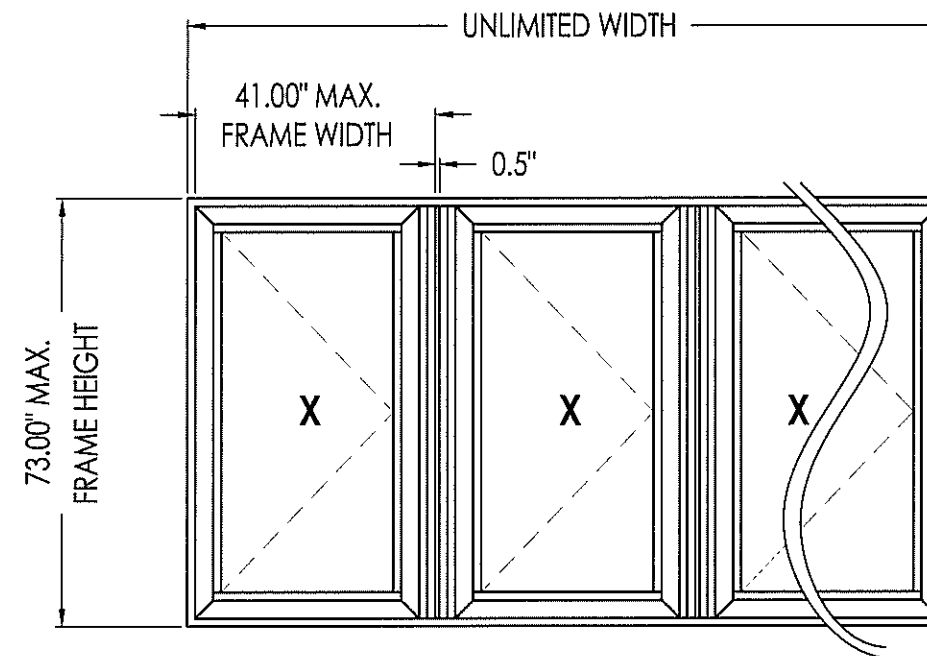
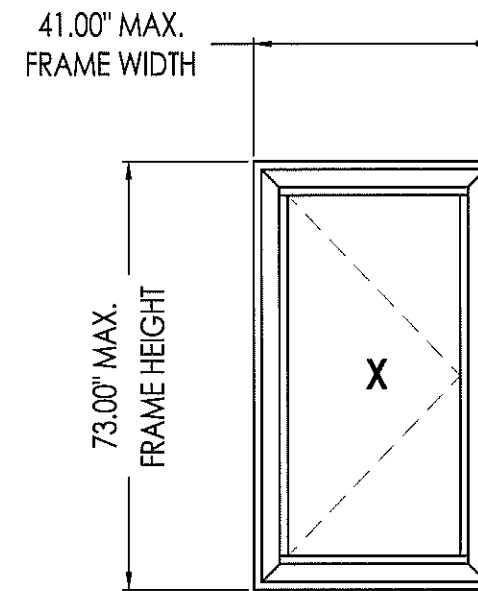
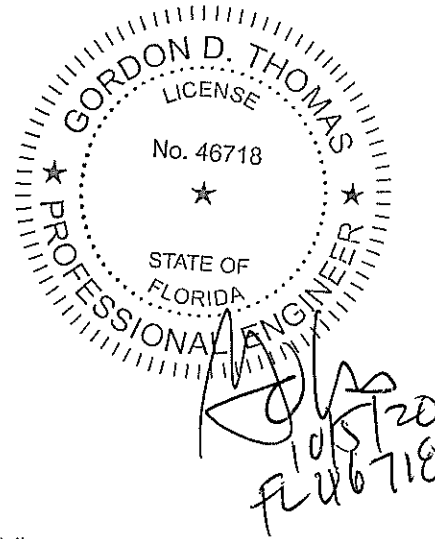




1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When installed 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 licensed engineer or registered architect.

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

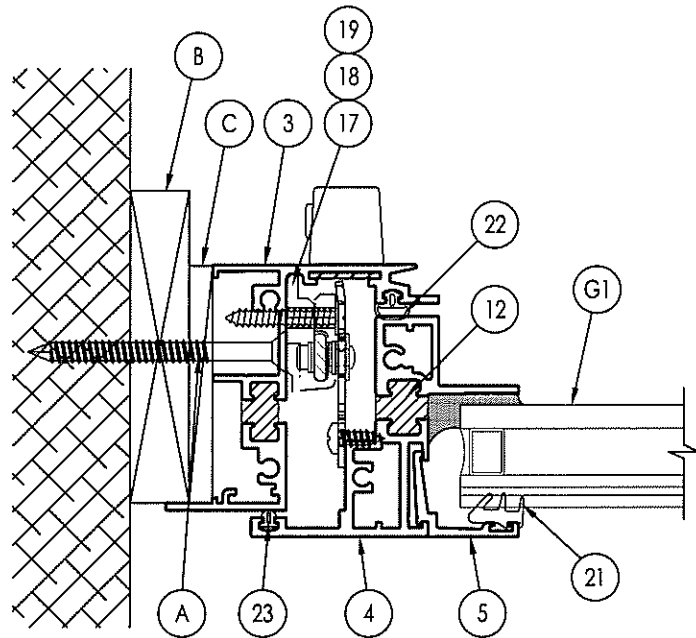
CONFIGURATION	MAX. PANEL DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
SINGLE UNIT	41.00" x 73.00"	33.25" x 65.25"	G1	+ 65.0	- 65.0
MULLED UNIT	41.00" x 73.00"	33.25" x 65.25"	G1	+ 65.0	- 65.0

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

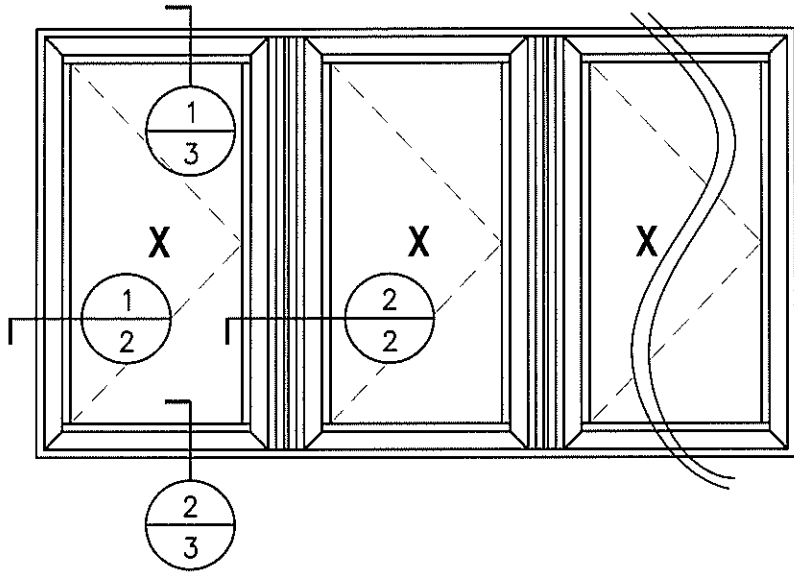


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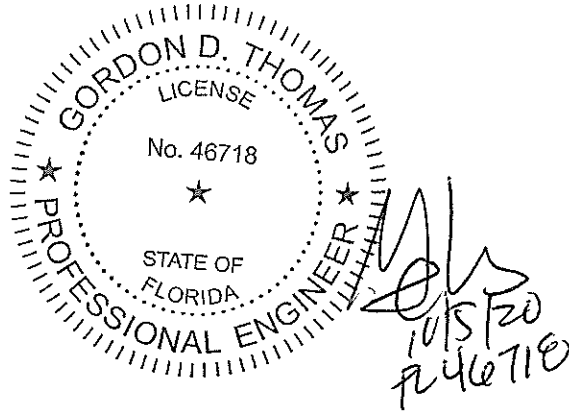
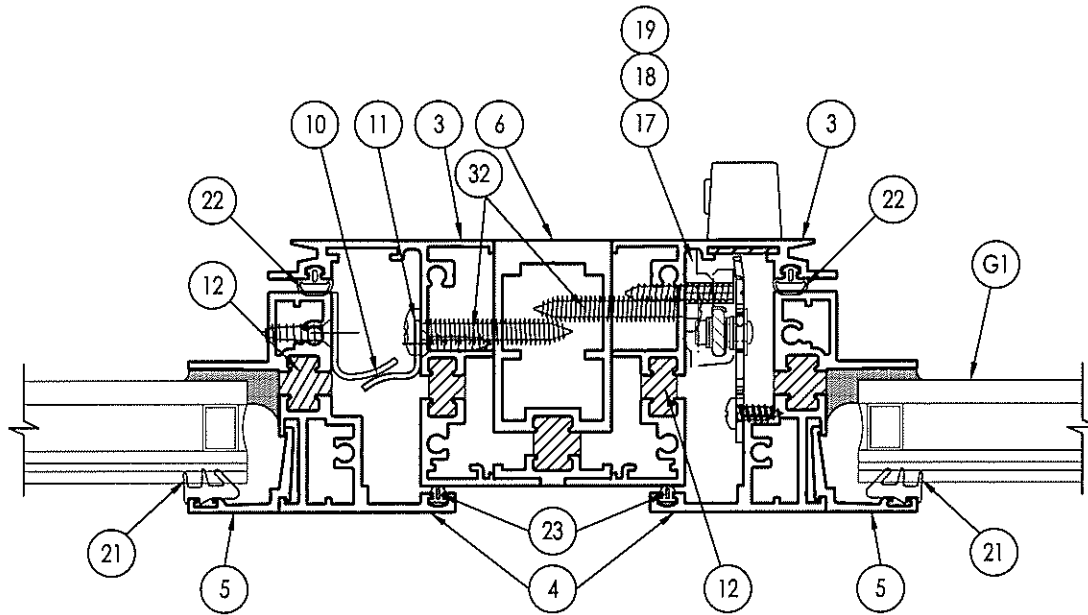
PRODUCT:		300C CASEMENT WINDOW	
PART OR ASSEMBLY:		TABLE OF CONTENTS DESIGN PRESSURES	
△	09/21/20	UPDATE TO 7TH ED. (2020)	FBC
△	09/03/19	UPDATE TO 2017 FBC	ECV
△	03/05/16	UPDATE TO 2014 FBC	CO
△	10/14/13	UPDATE TO 2010 FBC	CO
NO	DATE	DESCRIPTION	BY
REVISIONS			
DATE: 03/05/16			
SCALE: NA			
DWG. BY: CO			
CHK BY: ECV			
DRAWING NO.: FL-9820.4			
SHEET: 1 OF 5			



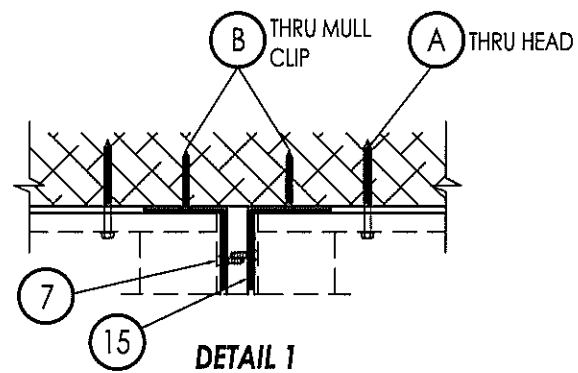
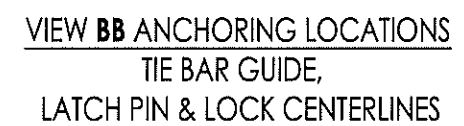
1 HORIZONTAL CROSS SECTION
2



2 HORIZONTAL CROSS SECTION
2

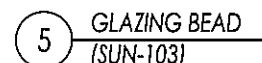
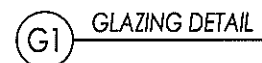
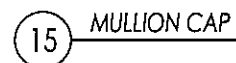
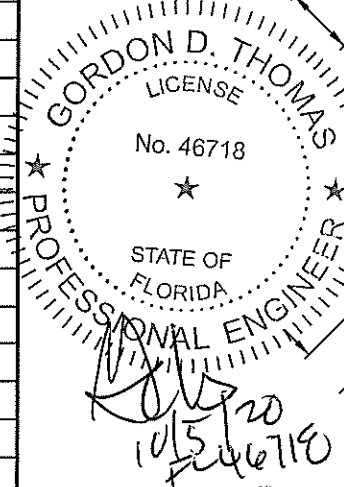
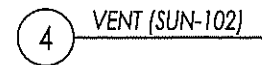
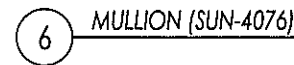


5008 TAMPA WEST BLVD. TAMPA, FLORIDA 33634 PHONE: (813) 889-0718 FAX: (813) 886-0666		SUN METALS		This drawing and the contents thereon are the express property of Sun Metals Systems, Inc. use of said drawings and/or contents thereon for purposes other than estimating and/or manufacturing for Sun Metals Systems, Inc. or use of design concepts shown on said drawings for purposes other than preparing proposal drawings and/or shop drawings for Sun Metals Systems, Inc. shall be cause for legal recourse by Sun Metals Systems, Inc.	
PRODUCT: 300C CASEMENT WINDOW		PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS		DATE: 03/05/16	
SCALE: NA		DWG. BY: CO		CHK BY: ECV	
DRAWING NO.: FL-9820.4		SHEET: 2 OF 5		REVISIONS	
NO	DATE	DESCRIPTION	BY		
1	09/21/20	UPDATE TO 7TH ED. (2020) FBC	JCB		
2	09/03/19	UPDATE TO 2017 FBC	ECV		
3	03/05/16	UPDATE TO 2014 FBC	CO		
4	10/14/13	UPDATE TO 2010 FBC	CO		



		5008 TAMPA WEST BLVD. TAMPA, FLORIDA 33634 PHONE: (813) 889-0718 FAX: (813) 886-0666	
PRODUCT: 300C CASEMENT WINDOW		PART OR ASSEMBLY: _____	
FRAME ANCHORING		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 proposal drawings and/or shop drawings for Sun Metals Systems, Inc. shall be cause for legal recourse by Sun Metals Systems, Inc.	
DATE: 03/05/16		REVISIONS	
SCALE: NA		NO DATE DESCRIPTION BY	
DWG. BY: CO		09/21/20 UPDATE TO 7TH ED. (2020) FBC JCB	
CHK BY: ECV		09/03/19 UPDATE TO 2017 FBC ECV	
DRAWING NO.: FL-9820.4		03/05/16 UPDATE TO 2014 FBC CO	
SHEET: 4 OF 5		10/14/13 UPDATE TO 2010 FBC CO	

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

[illegible]