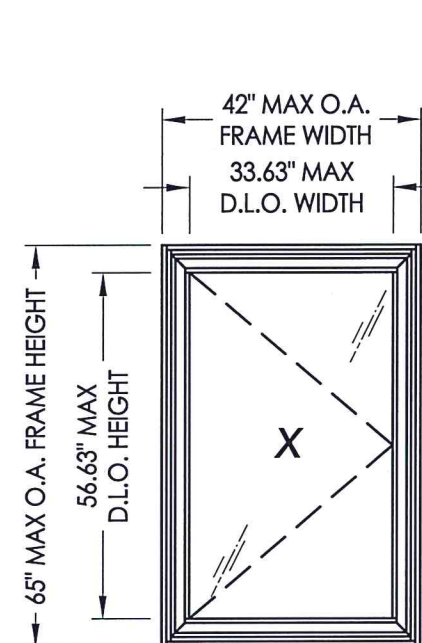


**Series 3800-T w/ Series 350-T
Aluminum Casement Window
w/ Thermal Break Frame
"IMPACT"**

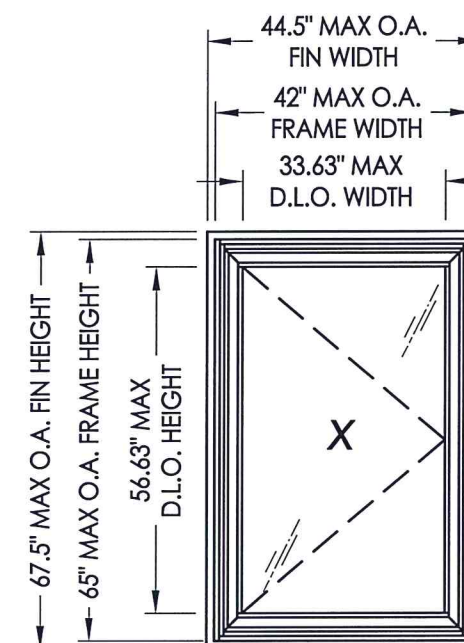
GENERAL NOTES

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 the "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 FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E 1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
5. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
6. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
7. This product meets water infiltration requirements for "HVHZ".
8. Gaskets and setting blocks shall comply with Section 2411.3.4 of the FBC.
9. Aluminum components, including fasteners, shall meet the requirements of FBC Section 2003.

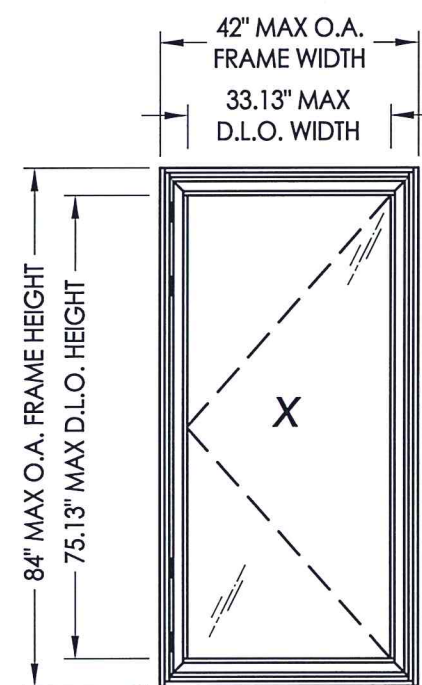
TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures and general notes
2	Elevations
3	Horizontal and vertical cross sections
4	Horizontal and vertical cross sections
5	Vertical cross section
6	Buck and frame anchoring
7	Buck and frame anchoring
8	Glazing detail
9	Bill of materials and components



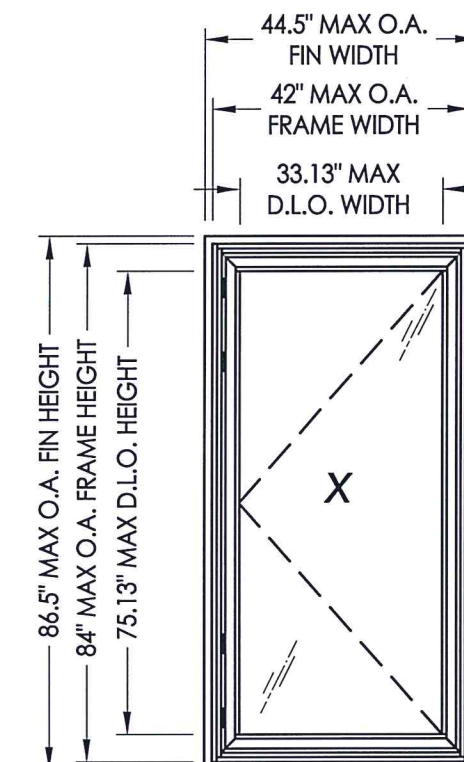
FRAME MOUNT



FIN MOUNT

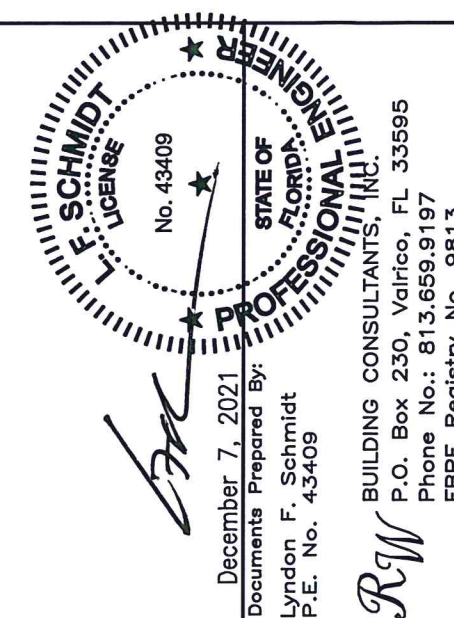


FRAME MOUNT



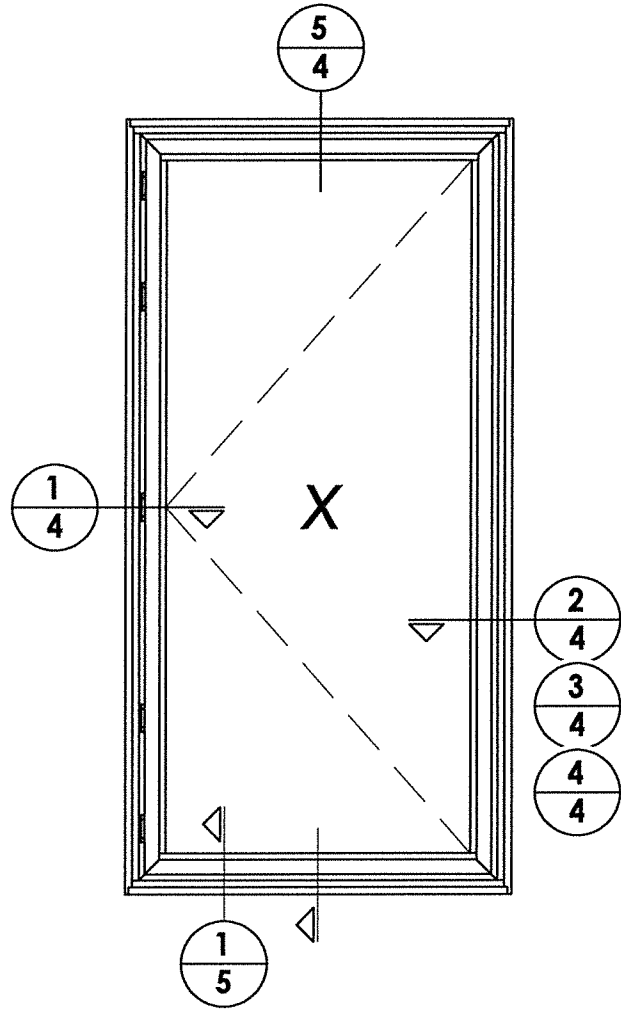
FIN MOUNT

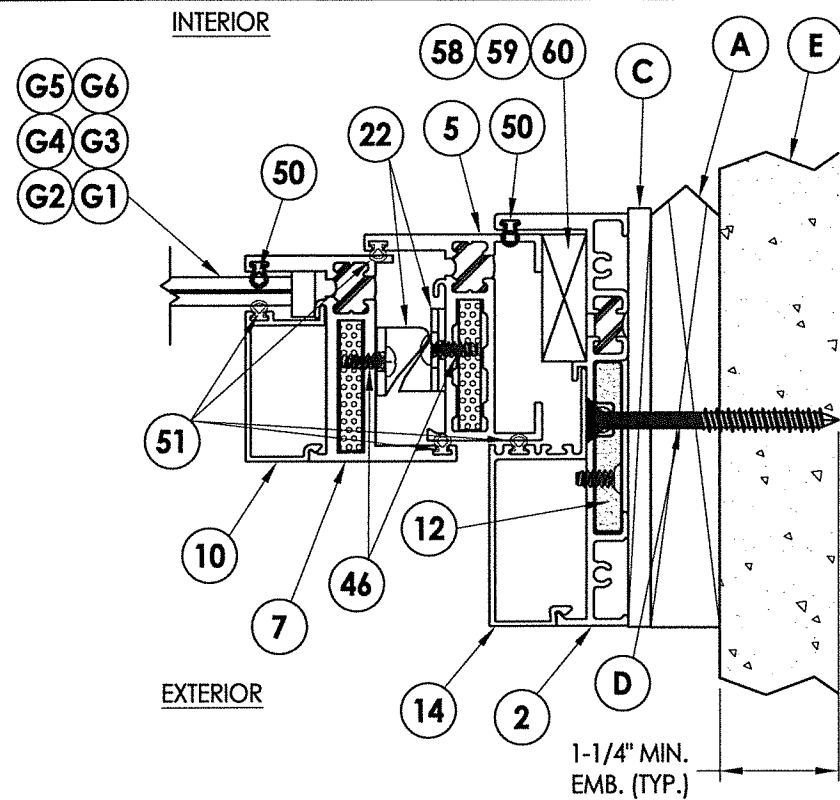
OVERALL FIN DIMENSION	OVERALL FRAME DIMENSION	OVERALL D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSI)	
				POSITIVE	NEGATIVE
44.5" X 67.5"	42" X 65"	33.63" X 56.63"	G1, G2, G3, G4, G5, G6	+65.0	-65.0
44.5" X 86.5"	42" X 84"	33.13" X 75.13"	G1, G2, G3, G4, G5, G6	+65.0	-65.0



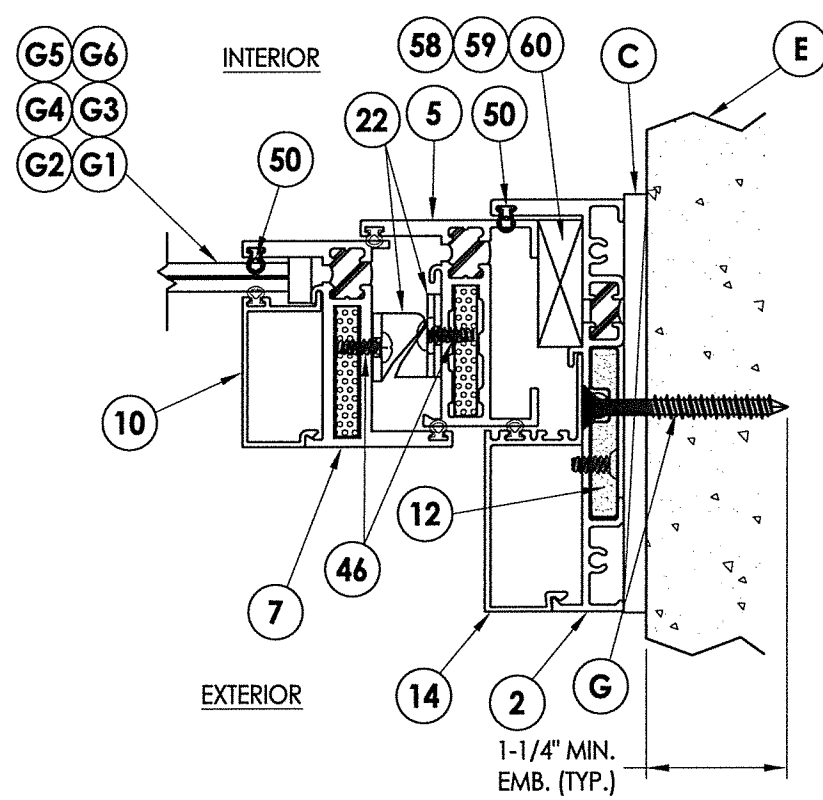
DATE: 10/23/13						PRODUCT:			
SCALE: N.T.S.						FLEETWOOD WINDOWS AND DOORS			
DWG. BY: JK									
CHK. BY: LFS									
DRAWING NO.: FL-14904.5									
SHEET 1 OF 9									

AWNING HARDWARE TABLE			
HINGE			
Qty.	Description	Height	Snubbers
5	Butt hinge	≤ 84"	Not Req'd
4	Butt hinge	≤ 84"	Yes (2)
2	Butt hinge	≤ 50"	Yes (2)
2	4 Bar hinge	≤ 65"	Yes (3)
HANDLES			
Points	Description	Height	*Cam locks can be used in conjunction with multipoint lock or in lieu of multipoint locks
4	Multipoint	> 72"	
3	Multipoint	≤ 72"	
Qty.			
3	Cam*	≤ 65"	
1	Cam*	≤ 50"	

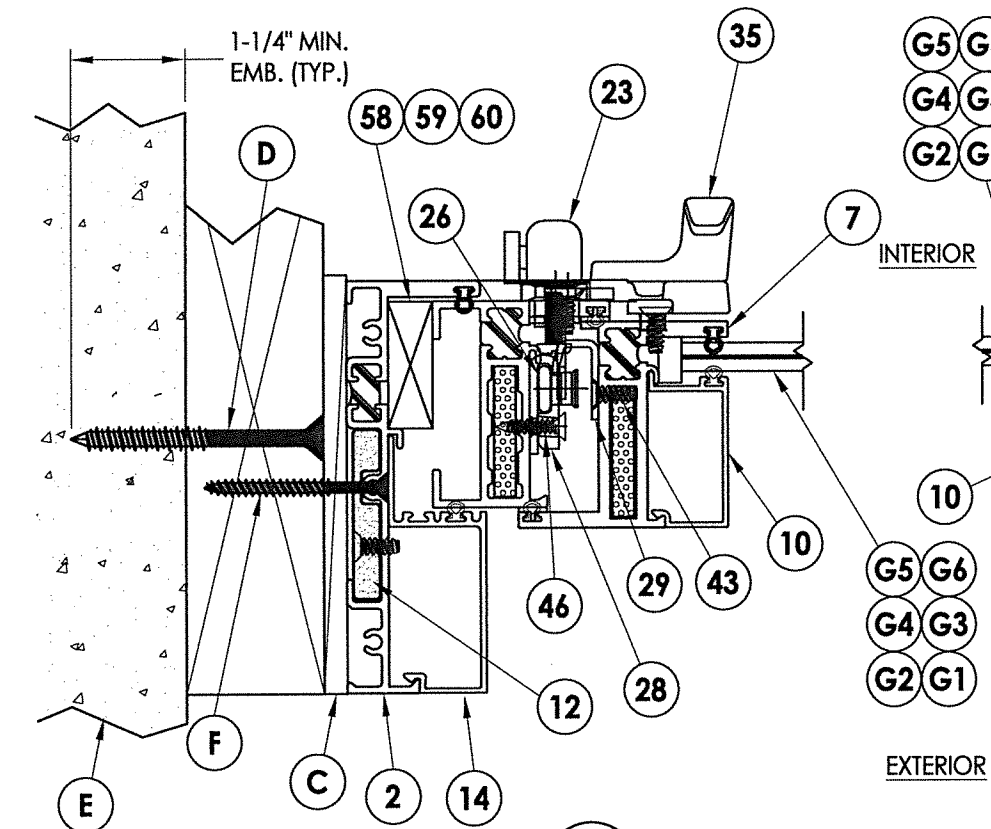
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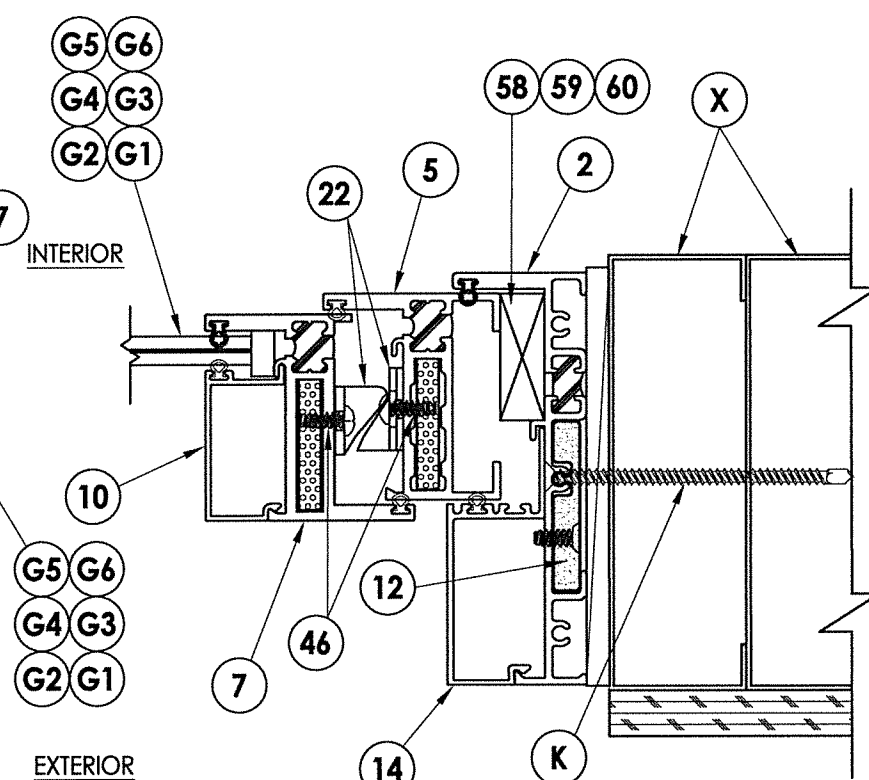
2 HORIZONTAL CROSS SECTION
3 Shown w/ 1X Sub buck option



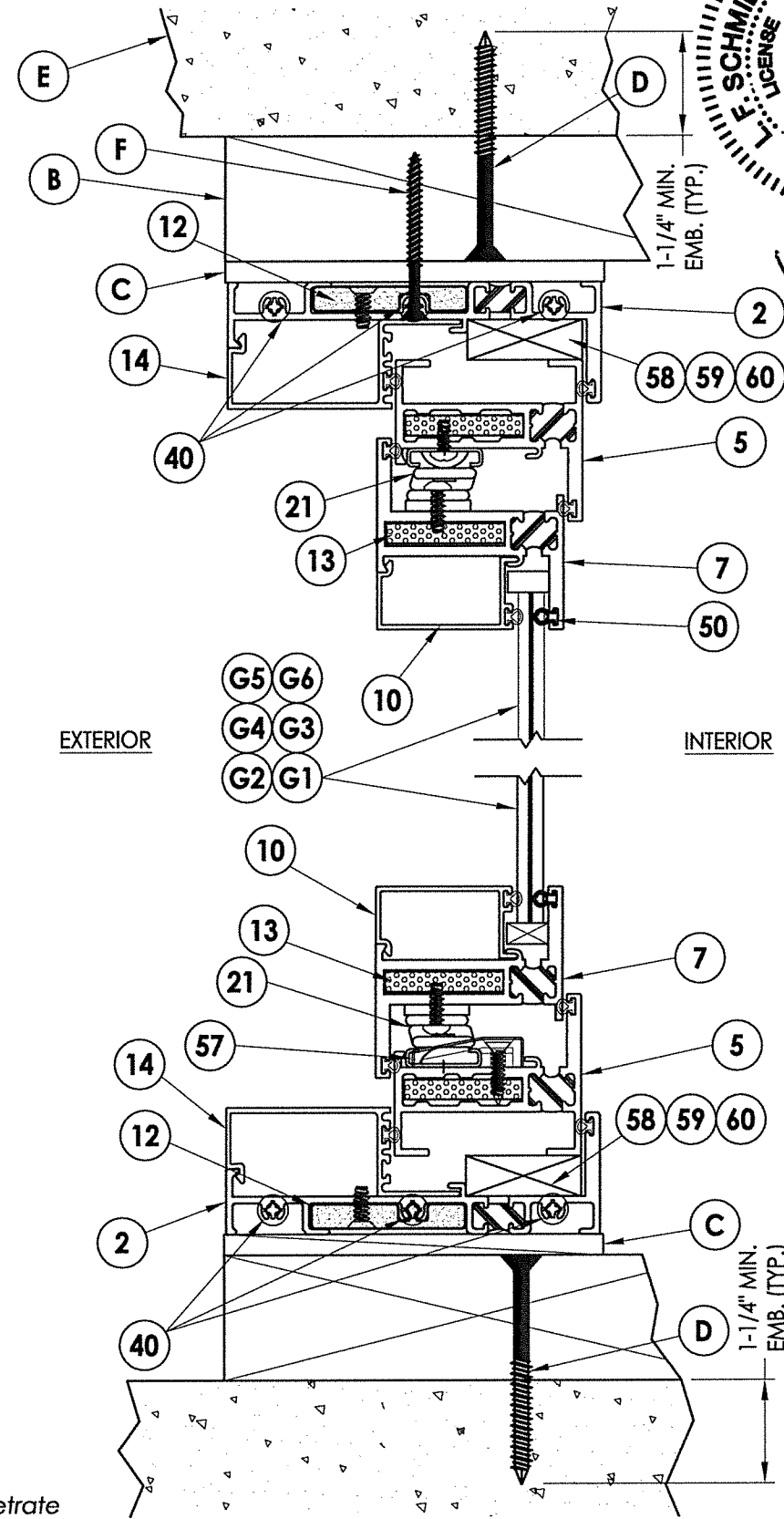
3 HORIZONTAL CROSS SECTION
3 Shown w/ Direct to Masonry option



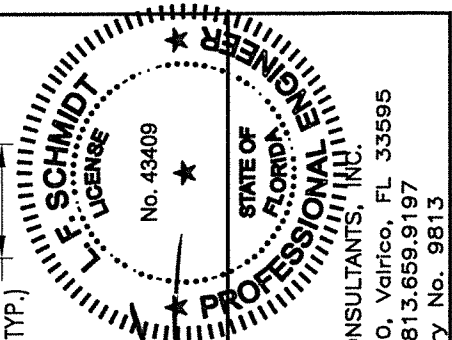
1 HORIZONTAL CROSS SECTION
3 Show W/ 2X Buck and Steel Stud options



NOTE: Sheet Metal Screws must penetrate a min. of 3 threads through at least two (2) sheets of metal.



4 VERTICAL CROSS SECTION
3 Shown w/ 2X Buck Construction

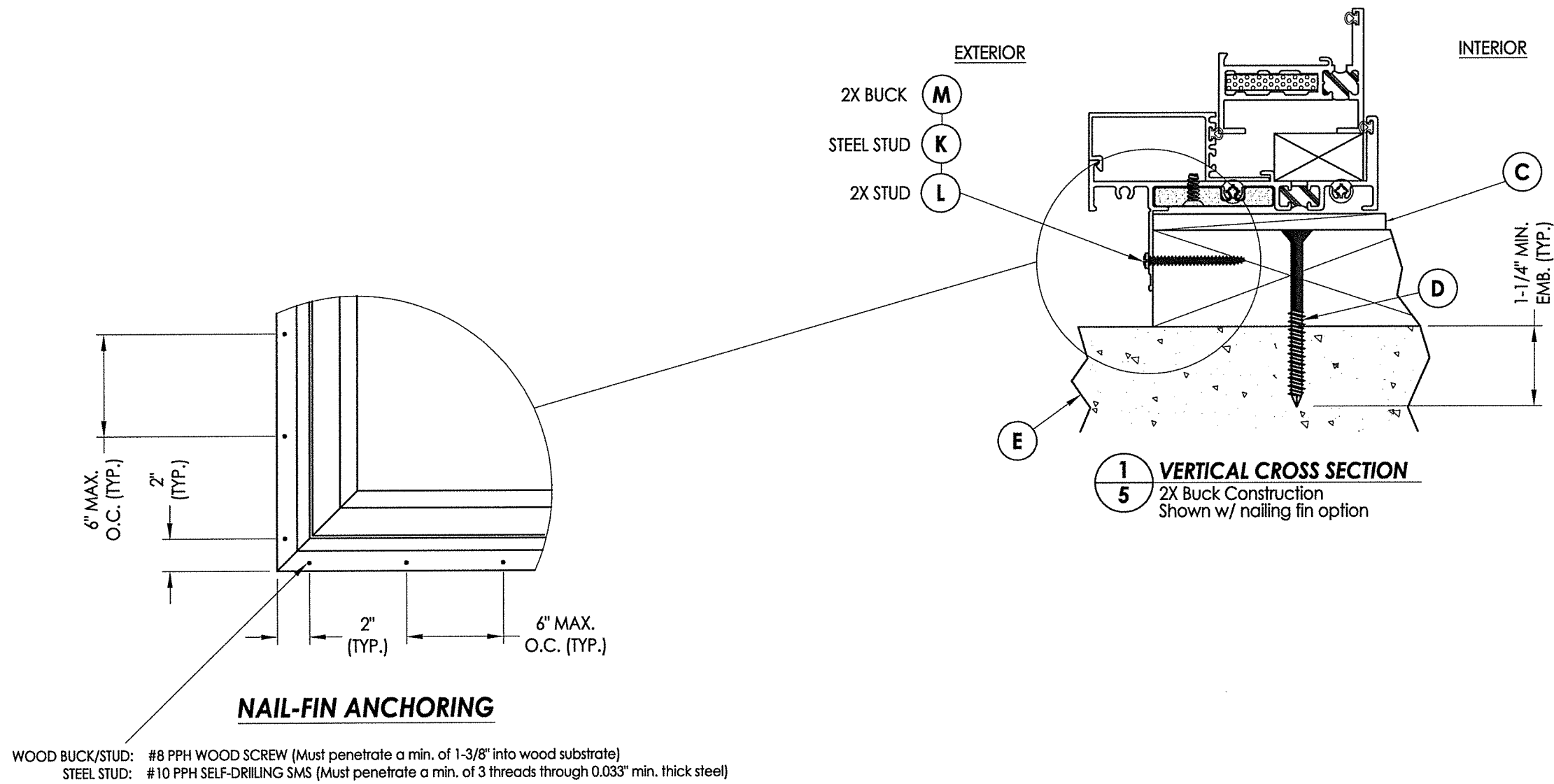


December 7, 2021
Documents Prepared By:
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
FLEETWOOD WINDOWS AND DOORS
PART OR ASSEMBLY:
HORIZONTAL AND VERTICAL
CROSS SECTIONS

REVISIONS		NO.	DATE	BY
5	12/7/21	SERIES NAME CHANGE	LFS	
4	8/06/20	UPDATE TO 7th ED. (2020) FBC	DAC	
3	8/07/17	UPDATE TO 6TH ED. (2017) FBC	LFS	
2	8/22/16	RENUMBER DRAWINGS	LFS	
1	1/22/15	UPDATE TO 5TH ED. (2014) FBC	LFS	

DATE: 10/23/13
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-14904.5
SHEET 3 OF 9



5	12/7/21	SERIES NAME CHANGE	LFS
4	8/06/20	UPDATE TO 7th ED. (2020)	DAC
3	8/07/17	UPDATE TO 6TH ED. (2017)	LFS
2	8/22/16	RENUMBER DRAWINGS	LFS
1	1/22/15	UPDATE TO 5TH ED. (2014)	LFS
NO.	DATE		BY
DATE: 10/23/13			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-14904.5			
SHEET 5 OF 9			

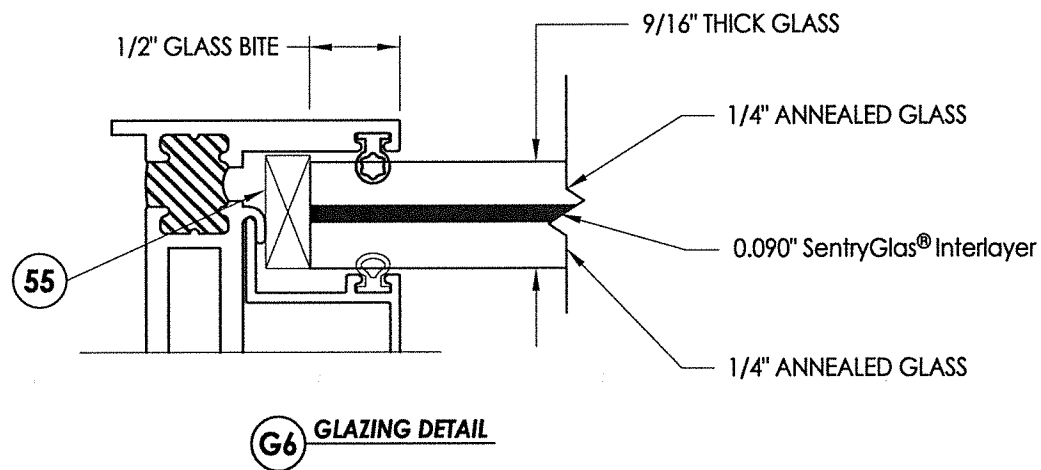
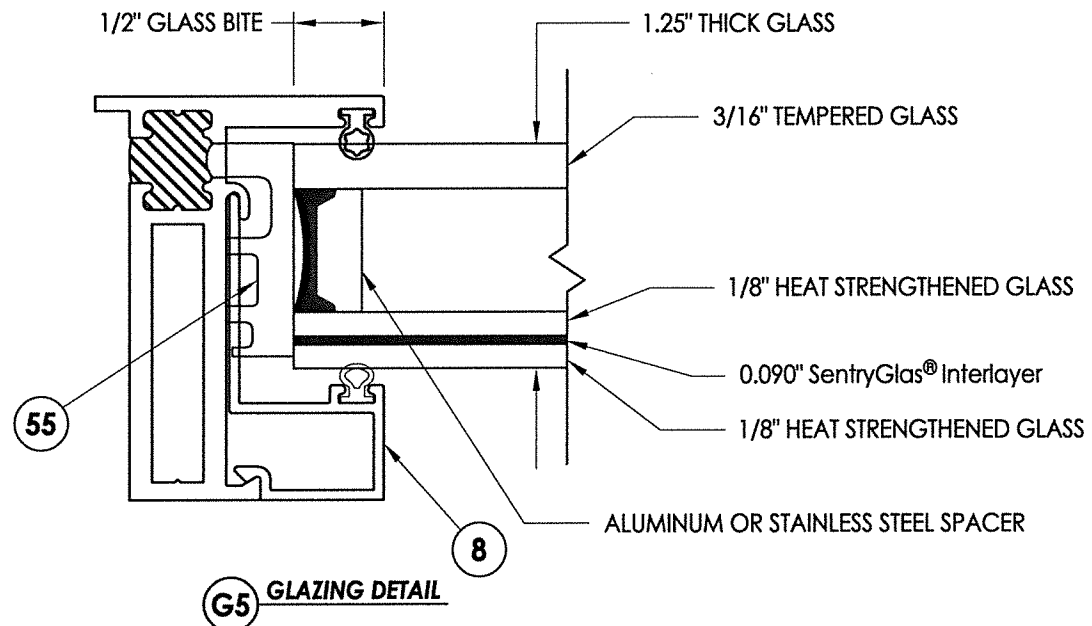
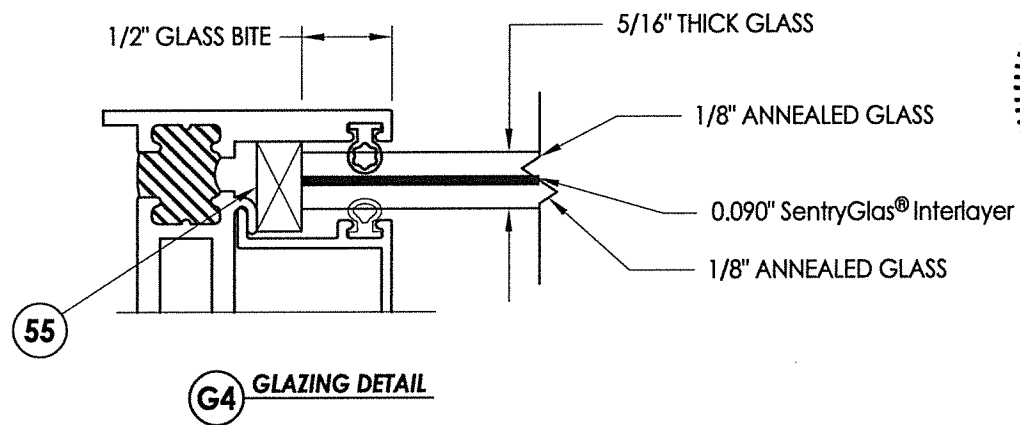
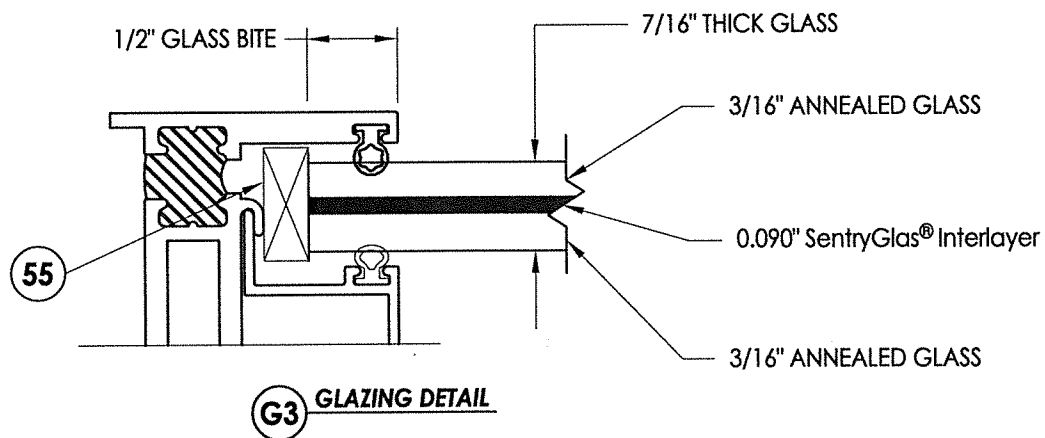
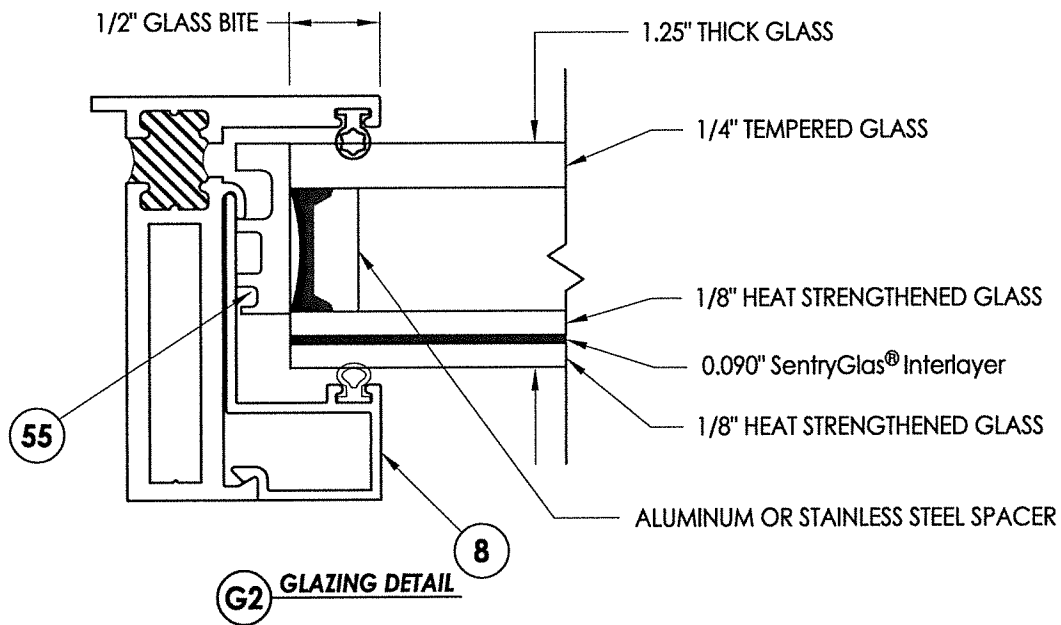
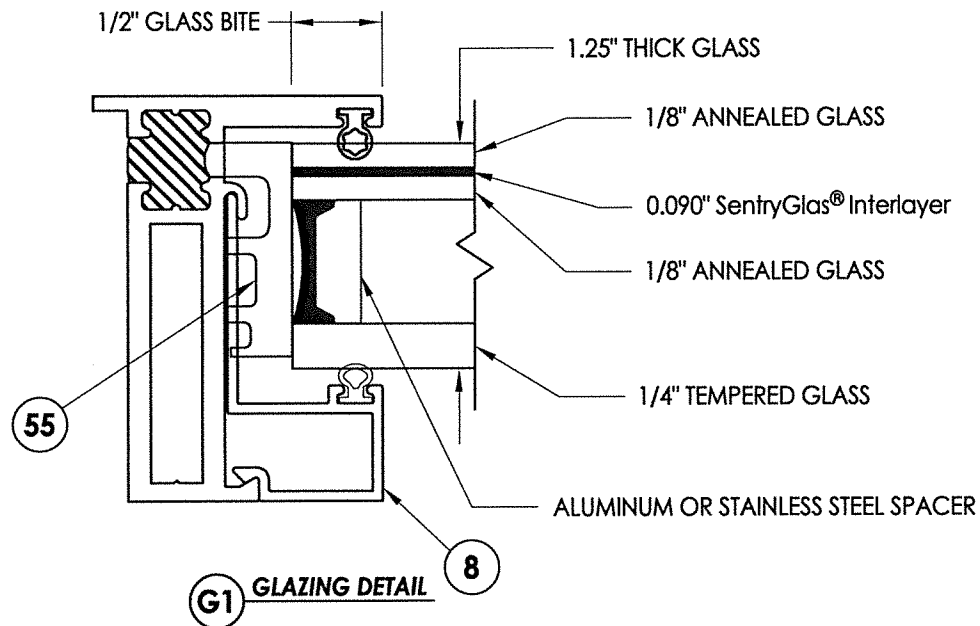
PRODUCT: FLEETWOOD WINDOWS AND DOORS

PART OR ASSEMBLY: VERTICAL CROSS SECTION

December 7, 2021
Documents Prepared By:
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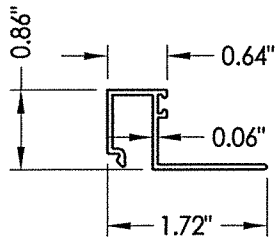
December 7, 2021
Documents Prepared By:
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STATE OF FLORIDA
L. E. SCHMIDT
LICENSE
No. 43409
PROFESSIONAL ENGINEER

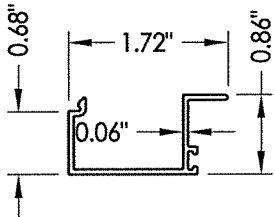
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:				FLEETWOOD WINDOWS AND DOORS				GLAZING DETAILS			
PART OR ASSEMBLY:				REVISIONS				DATE			
BY				NO.				DATE			
LFS	DAC	FBC	LFS	5	12/7/21	SERIES NAME CHANGE	DATE	10/23/13	N.T.S.	JK	LFS
LFS	DAC	FBC	LFS	4	8/06/20	UPDATE TO 7th ED. (2020)	DATE	10/23/13	N.T.S.	JK	LFS
LFS	DAC	FBC	LFS	3	8/07/17	UPDATE TO 6th ED. (2017)	DATE	10/23/13	N.T.S.	JK	LFS
LFS	DAC	FBC	LFS	2	8/22/16	RENUMBER DRAWINGS	DATE	10/23/13	N.T.S.	JK	LFS
LFS	DAC	FBC	LFS	1	1/22/15	UPDATE TO 5th ED. (2014)	DATE	10/23/13	N.T.S.	JK	LFS
LFS	DAC	FBC	LFS	1	1/22/15	UPDATE TO 5th ED. (2014)	DATE	10/23/13	N.T.S.	JK	LFS

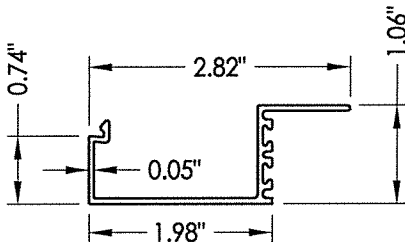
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2" PPH WOOD SCREW (1-1/4" MIN. EMBEDMENT)	STEEL
G	1/4" x 2-1/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
H	#10 X 2-3/4" PPH WOOD SCREW	STEEL
J	1/4" x 3-1/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
K	#10 PPH SELF-DRILLING SMS	STEEL
L	#8 PPH WS (1-3/8" MIN. EMBEDMENT)	STEEL
M	#8 X 1-1/2" PPH SMS (1-3/8" MIN. EMBEDMENT)	STEEL
X	STEEL STUD Min. Thk .033" (ASTM A653 GRADE 33 Fy=33 Ksi Min, Fu=45 Ksi Min)	STEEL
1	FIN BLOCK FRAME (3800-T)	6063-T6 ALUM
2	BLOCK FRAME (3800-T)	6063-T6 ALUM
3	THERMAL BREAK ("LIQUID POLYURETHANE" by Azon USA, Inc.)	-
4	MULLION	6063-T6 ALUM
5	BLOCK FRAME (350-T)	6063-T6 ALUM
7	ZEE BAR (PANEL)	6063-T6 ALUM
8	GLASS STOP (1-1/4")	6063-T6 ALUM
10	GLASS STOP (5/16", 7/16")	6063-T6 ALUM
12	SHEAR BLOCK	6061-T6 ALUM
13	CORNER KEY	6063-T6 ALUM
14	INSERT STOP	6063-T6 ALUM
20	SS. BUTT HINGE	SS
21	4 BAR HINGE	SS
22	SNUBBER-COMMERCIAL PULL-IN BLOCK	SS
23	MULTIPOINT LOCK HANDLE	SS
26	3 POINTS LOCKING BAR (TRUTH)	SS
27	4 POINTS LOCKING BAR (TRUTH)	SS
28	TIE BAR GUIDE (TRUTH)	-
29	KEEPER (TRUTH)	SS
30	CASEMENT ROTOR GEAR 13.5"(TRUTH)	SS
31	CASEMENT ROTOR GEAR 9.5"(TRUTH)	SS
35	CAM HANDLE / STRIKE PLATE	SS
36	CASEMENT SS. TRACK (TRUTH)	SS
40	#10 X 1" PPH SMS	STEEL
42	MACHINE SCREW NO 10-32, FHP .75"	STEEL
43	SCREW NO 10 , UFHP .5"	STEEL
44	SCREW NO 8, PHP, .50"	STEEL
46	SCREW NO 8, FHP, .750"	STEEL
48	BACK UP NUTS	STEEL
50	BULB VINYL (EPDM 70 DUROMETER) - TREMCO	-
51	MINI BULB VINYL (EPDM 70 DUROMETER) - TREMCO	-
52	WOOD BLOCK .750" X 1.250"	-
53	ALUMINUM BLOCK .750" X 1.250"	-
54	PVC BLOCK .750" X 1.250"	-
55	SETTING BLOCK (SANTOPRENE - 86 DUROMETER) - TREMCO	-
57	PIVOT SHIM	-
58	WOOD BLOCK .50" X 1.250"	-
59	ALUMINUM BLOCK .50" X 1.250"	-
60	PVC BLOCK .50" X 1.250"	-



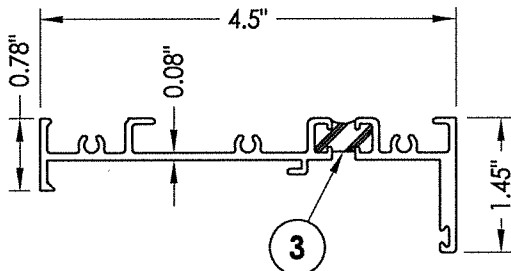
8 GLASS STOP 1-1/4"



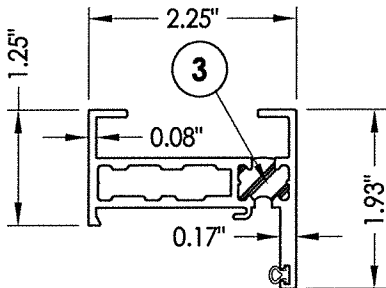
10 GLASS STOP 5/16", 7/16", 9/16"



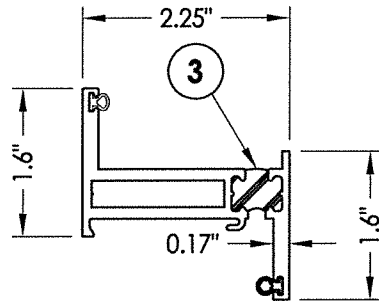
14 INSERT STOP



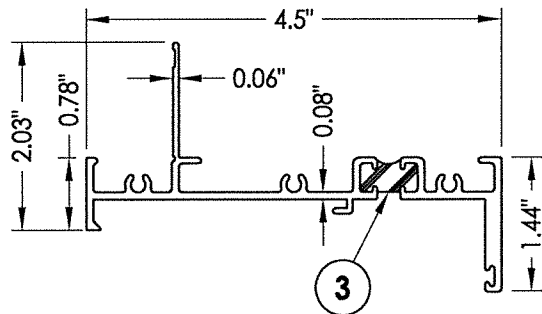
2 BLOCK FRAME



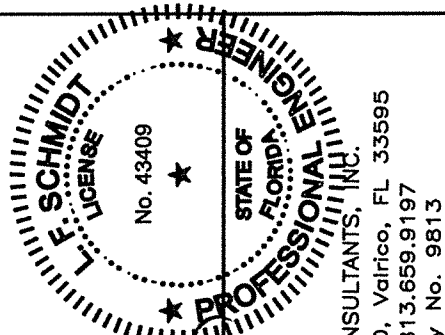
5 BLOCK FRAME



7 ZEE BAR (PANEL)



1 FIN BLOCK FRAME



December 7, 2021
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FBPE Registry No. 9813

PRODUCT:		FLEETWOOD WINDOWS AND DOORS		PART OR ASSEMBLY:		BILL OF MATERIALS AND COMPONENTS	
LFS	DAC	LFS	LFS	LFS	BY	REVISIONS	
5	12/17/21	SERIES NAME CHANGE	4	8/06/20	UPDATE TO 7th ED. (2020) FBC		
4	8/06/20	UPDATE TO 7th ED. (2020) FBC	3	8/07/17	UPDATE TO 6TH ED. (2017) FBC		
3	8/07/17	UPDATE TO 6TH ED. (2017) FBC	2	8/22/16	RENUMBER DRAWINGS		
2	8/22/16	RENUMBER DRAWINGS	1	1/22/15	UPDATE TO 5TH ED. (2014) FBC		
NO.	DATE						
DATE:		10/23/13		SCALE:		N.T.S.	
DWG. BY:		JK		CHK. BY:		LFS	
DRAWING NO.:		FL-14904.5		SHEET		9 OF 9	