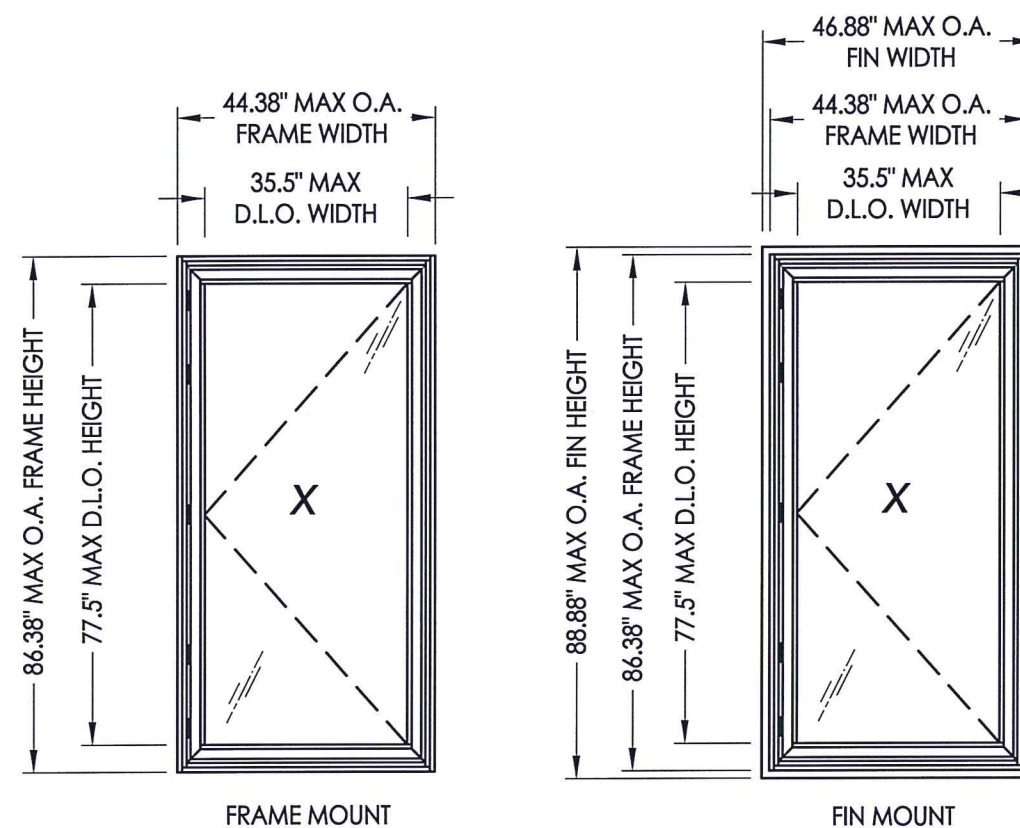


**Series 3800-T w/ Series 350-T
Aluminum Casement Window
w/ Thermal Break Frame
(WET GLAZED)
"IMPACT"**

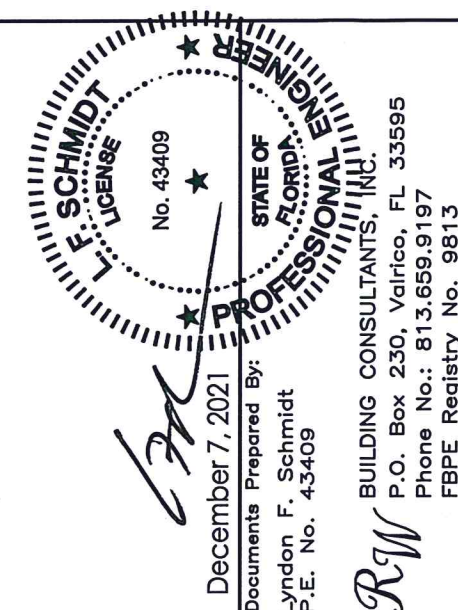
GENERAL NOTES

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 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 E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. 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 elevations, design pressures & general notes
2	Elevations
3	Horizontal & vertical cross sections
4	Horizontal & vertical cross sections
5	Vertical cross section
6	Buck & frame anchoring
7	Hardware details
8	Glazing details
9	Bill of materials & components



OVERALL FIN DIMENSION	OVERALL FRAME DIMENSION	OVERALL D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
46.88" X 88.88"	44.38" X 86.38"	33.5" X 77.5"	G1, G2, G3	+65.0	-65.0

[illegible]

Technical drawing of a window frame. The drawing shows a rectangular frame with a central opening. A large 'X' is drawn across the opening. Dimensions are indicated by circles with numbers: 1/4 on the left side, 5/4 at the top, 1/5 at the bottom, and 2/4, 3/4, 4/4 on the right side. A dashed line runs diagonally from the top-left corner to the bottom-right corner. A small triangle is located at the intersection of the dashed line and the left side of the frame.




 December 7, 2021
 Documents Prepared By:
 Lyndon F. Schmidt
 P.E. No. 43409

PRODUCT:

FLEETWOOD WINDOWS & DOORS

PART OR ASSEMBLY:

ELEVATIONS

NO.		DATE		BY		REVISIONS

DATE: 12/01/21

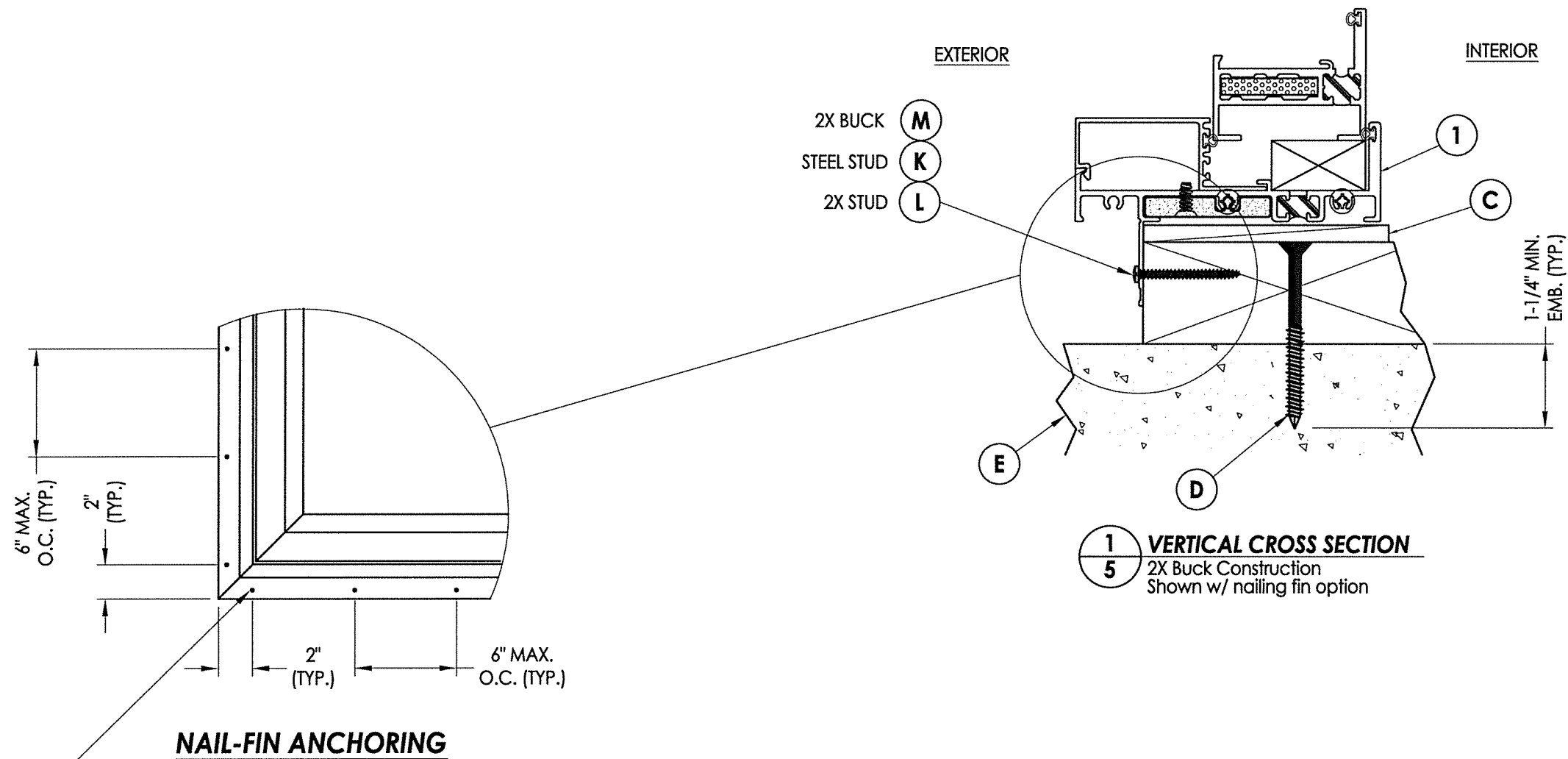
SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-14904.11

SHEET 2 OF 9



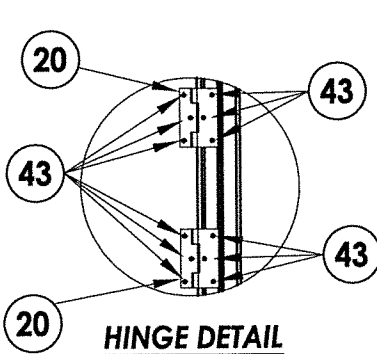
WOOD BUCK/STUD: #8 PPH WOOD SCREW (Must penetrate a min. of 1-3/8" into wood substrate)
STEEL STUD: #10 PPH SELF-DRILLING SMS (Must penetrate a min. of 3 threads through 0.033" min. thick steel)

December 7, 2021
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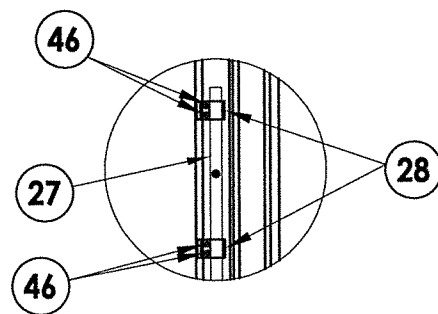
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:		FLEETWOOD WINDOWS & DOORS	
PART OR ASSEMBLY:		VERTICAL CROSS SECTION	
NO.		DATE	
BY		REVISIONS	
DATE: 12/01/21			
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-14904.11			
SHEET 5 OF 9			

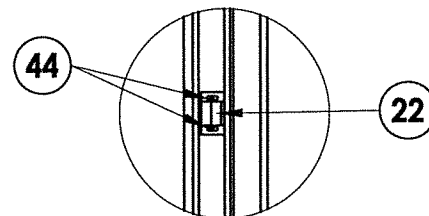
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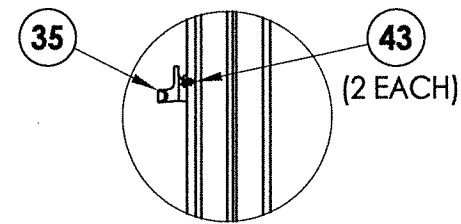
HINGE DETAIL



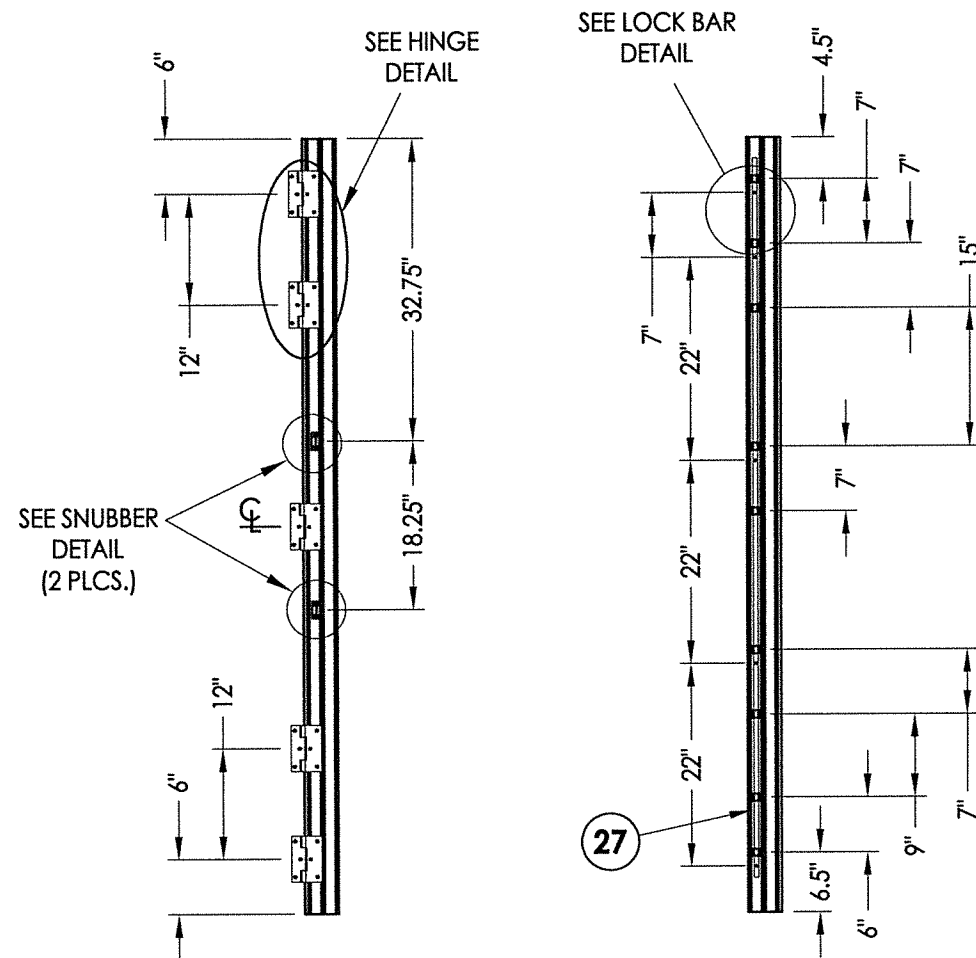
LOCK BAR DETAIL



SNUBBER DETAIL



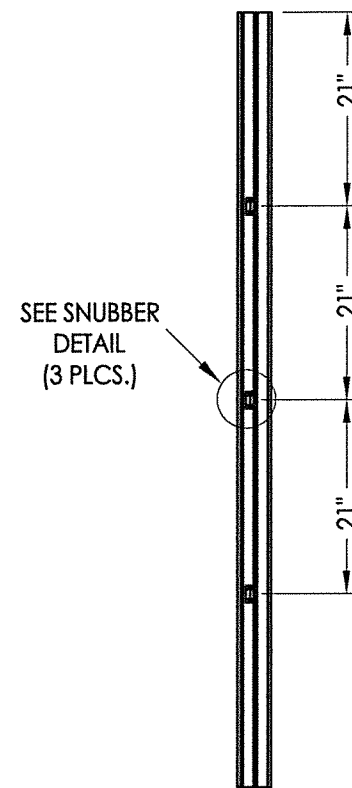
CAM LOCK DETAIL



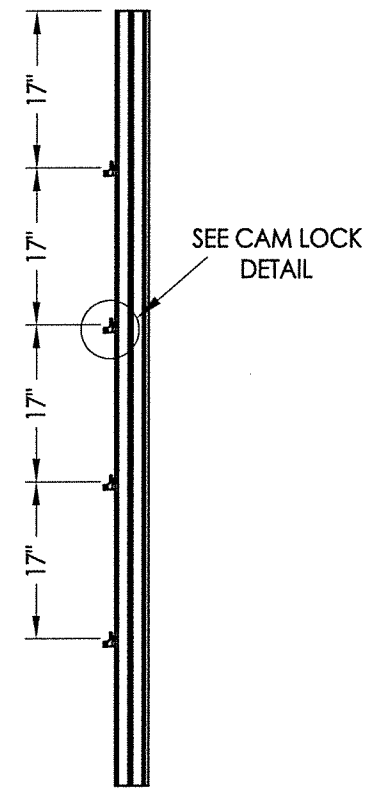
HINGE JAMB

LOCK JAMB
LOCKING POINTS (5)

BUTT HINGES w/ MULTIPOINT LOCKING BAR



SNUBBERS JAMB



LOCK JAMB

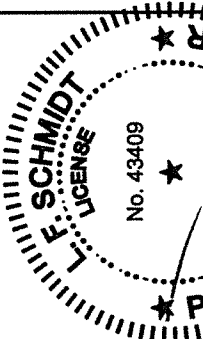
CAM LOCKING POINTS (4)

4 POINT HINGE w/ CAM LOCKS

NOTE: Cam locks can be used in conjunction with the multipoint lock or in lieu of the multipoint lock.

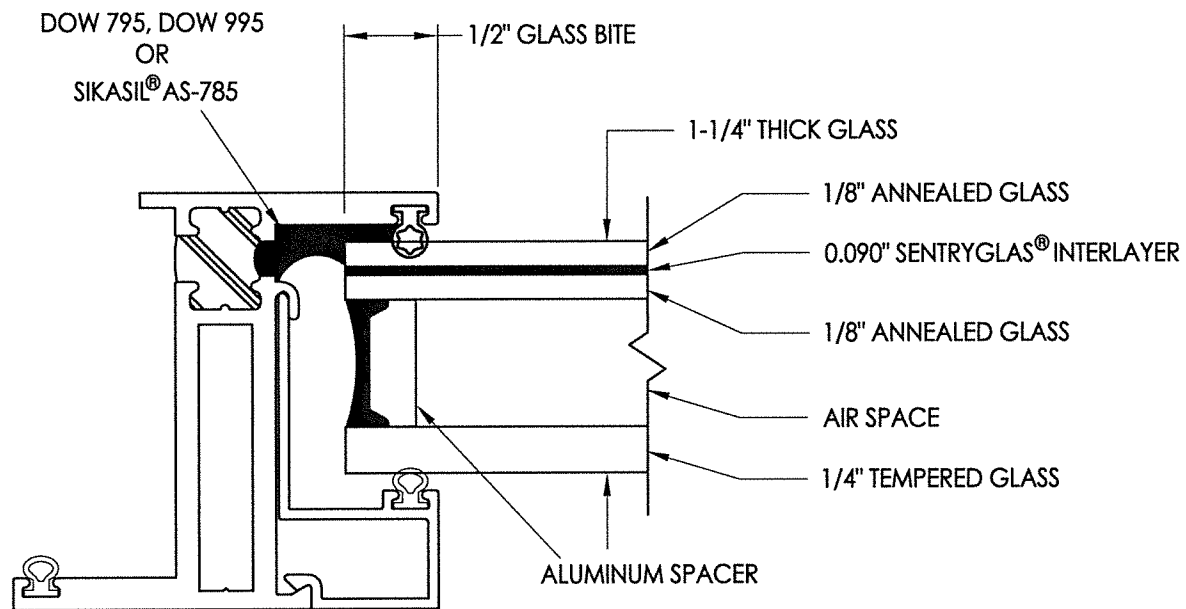
[illegible]


December 7, 2021
Documents Prepared By:
Wendon F. Schmidt
E. No. 43409

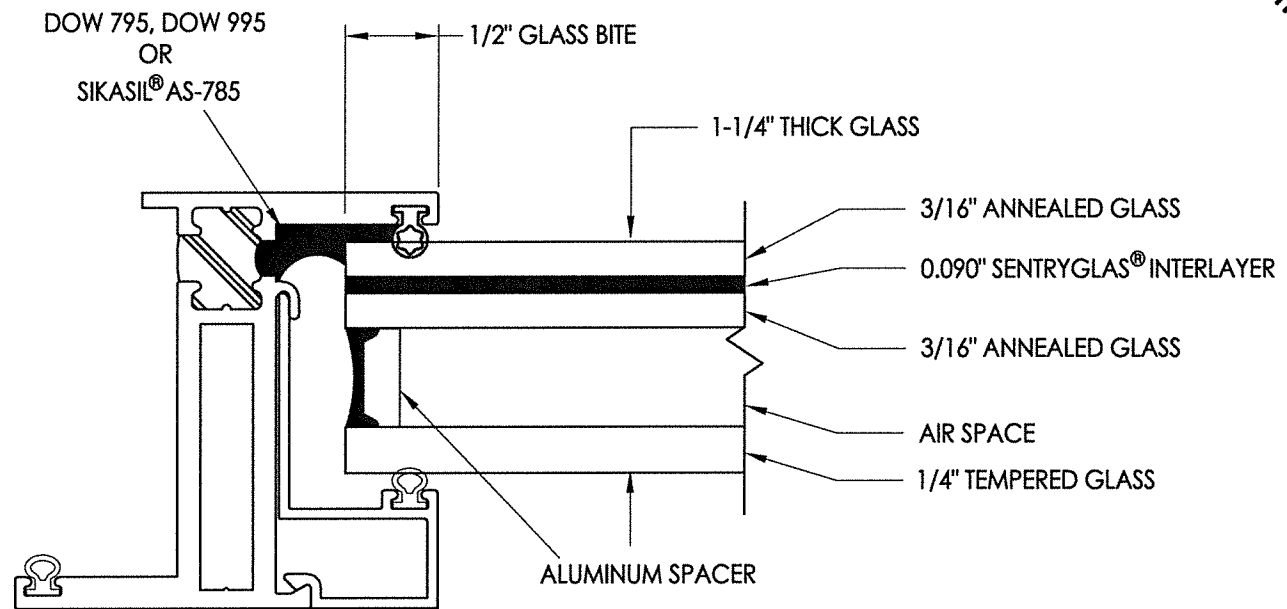


R^gW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

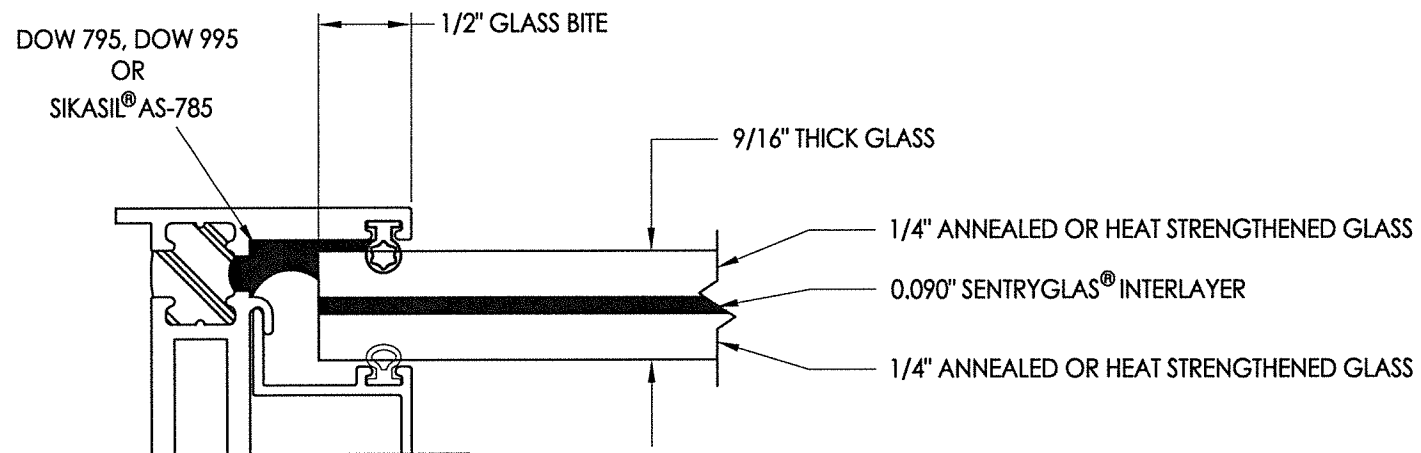
Z:\Clients\Fleetwood PERMANENT\A - Florida Product Approvals\FL-14904 Casement\C - Drawings\FL 14904 (2020) R8\FL-14904.11.dwg



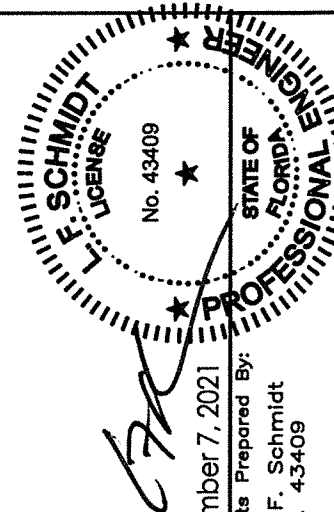
G1 GLAZING DETAIL



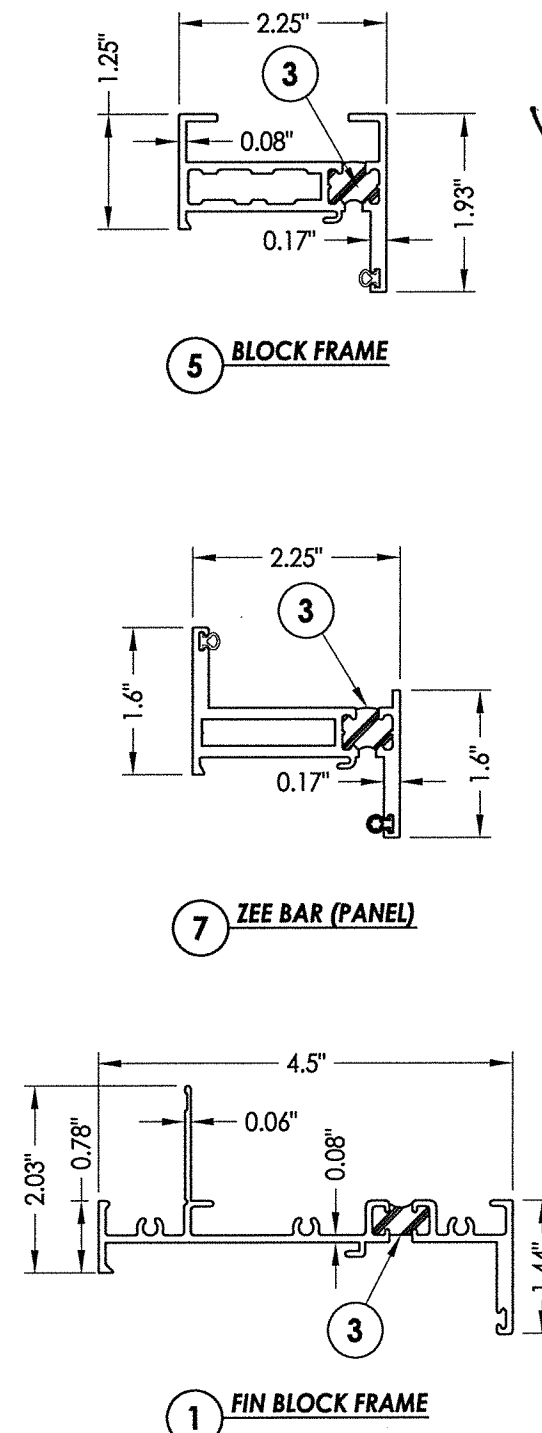
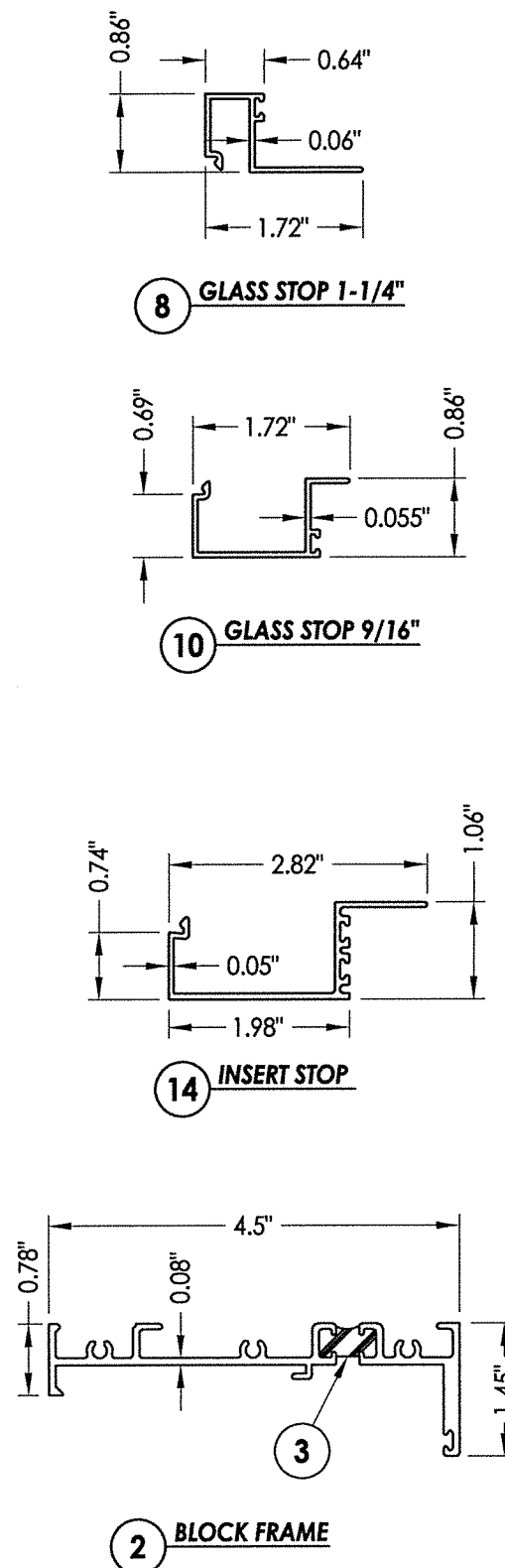
G2 GLAZING DETAIL



G3 GLAZING DETAIL

		December 7, 2021	
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		R.W. BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: FLEETWOOD WINDOWS & DOORS		PART OR ASSEMBLY: GLAZING DETAILS	
DATE: 12/01/21		NO. DATE	
SCALE: N.T.S.		BY	
DWG. BY: LFS		REVISIONS	
CHK. BY: RW			
DRAWING NO.: FL-14904.11			
SHEET 8 OF 9			

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
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.)	-
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 (9/16")	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
27	5 POINTS LOCKING BAR (TRUTH)	SS
28	TIE BAR GUIDE (TRUTH)	-
29	KEEPER (TRUTH)	SS
30	CASEMENT ROTOR GEAR (TRUTH)	SS
35	CAM HANDLE / STRIKE PLATE	SS
36	CASEMENT SS. TRACK (TRUTH)	SS
40	#10 X 1" PPH SMS	STEEL
43	SCREW NO 10 , UFHP .5"	STEEL
44	SCREW NO 8, PHP, .50"	STEEL
46	SCREW NO 8, FHP, .750"	STEEL
50	BULB VINYL (EPDM 70 DUROMETER) - TREMCO	-
51	MINI BULB VINYL (EPDM 70 DUROMETER) - TREMCO	-
52	WOOD BLOCK (3/4" X 1-1/4")	-
53	ALUMINUM BLOCK (3/4" X 1-1/4")	-
54	PVC BLOCK (3/4" X 1-1/4")	-
55	SETTING BLOCK	-
57	PIVOT SHIM	-



1.93"

December 7, 2021

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

F. SCHMIDT
LICENSE
No. 43409
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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

RW

[illegible]