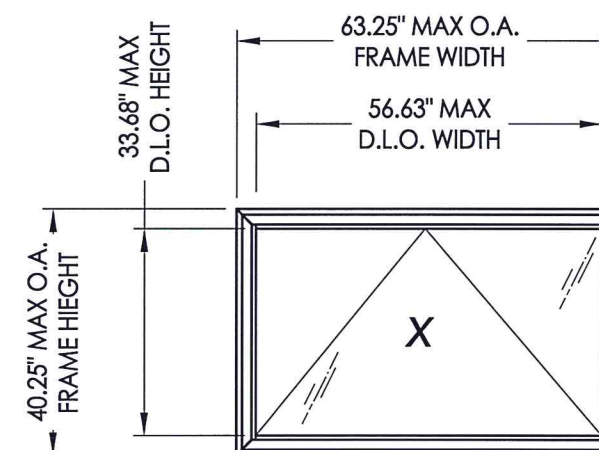
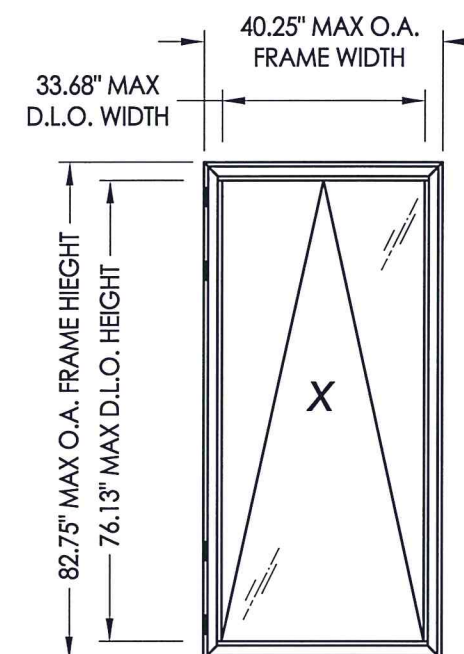
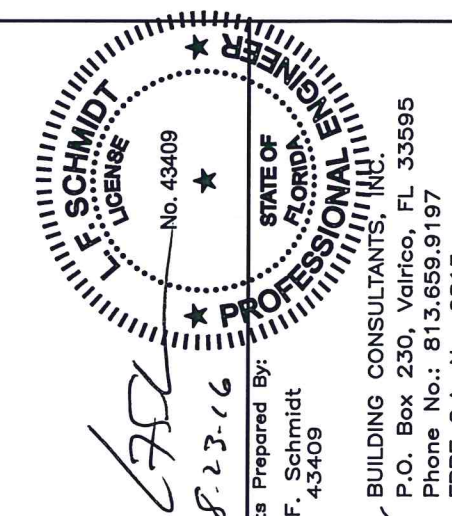


1. This product has been evaluated and is in compliance with the 5th Edition (2014) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product complies with Section 1609.1.2 of the FBC and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996.
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 and general notes
2	Horizontal and vertical cross sections
3	Horizontal and vertical cross sections
4	Buck and frame anchoring
5	Buck and frame anchoring
6	Glazing details
7	Bill of materials and components



OVERALL FRAME DIMENSION	OVERALL D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSI)	
			POSITIVE	NEGATIVE
40.25" X 82.75"	33.68" X 76.13"	G1, G2, G3, G4, G5	+65.0	-65.0
40.25" X 44.5"	33.68" X 37.88"	G1, G2, G3, G4, G5	+65.0	-65.0
63.25" X 40.25"	56.63" X 33.68"	G1, G2, G3, G4, G5	+65.0	-65.0



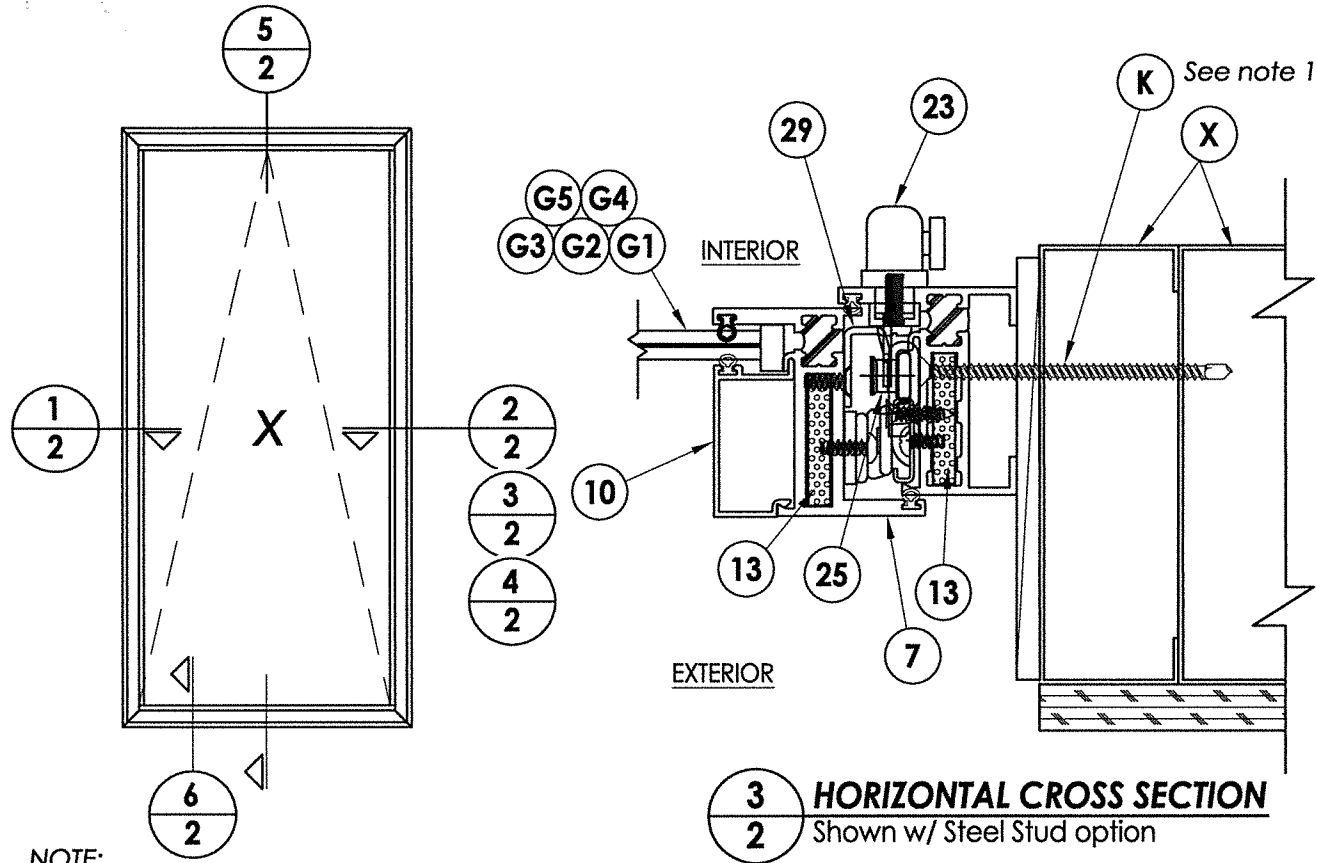
Documents Prepared By:
-yndon F. Schmidt
B.E. No. 43409

RW

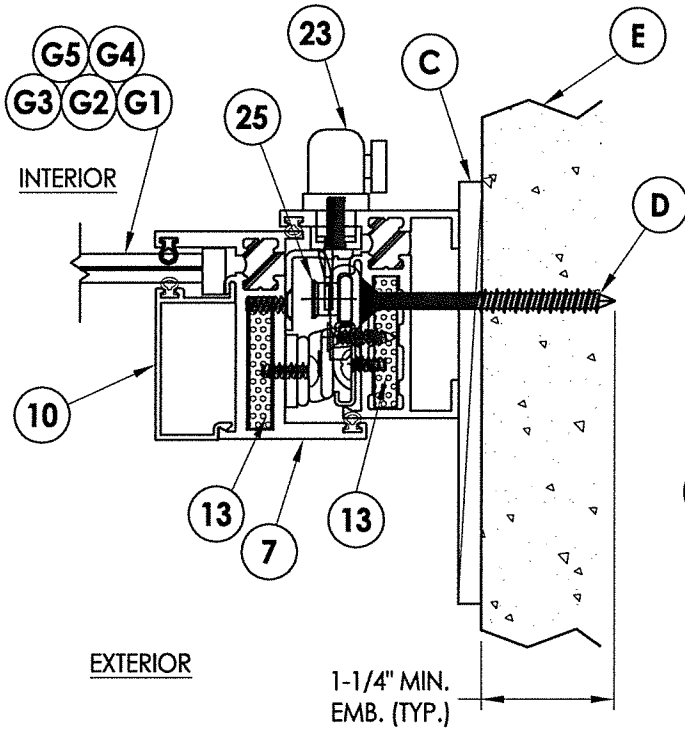
CONAL
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE C.A. No. 9813

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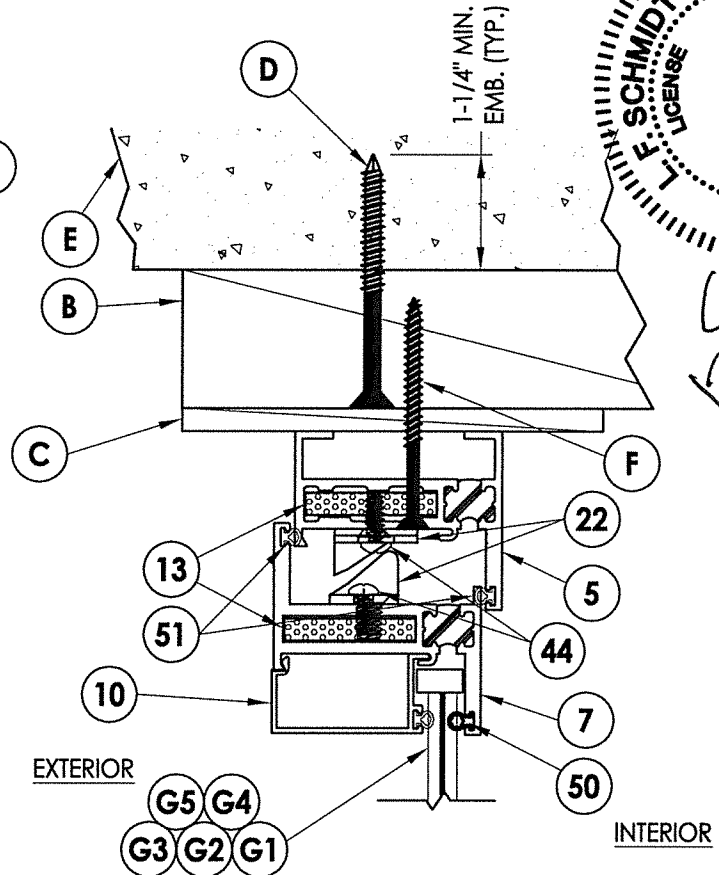
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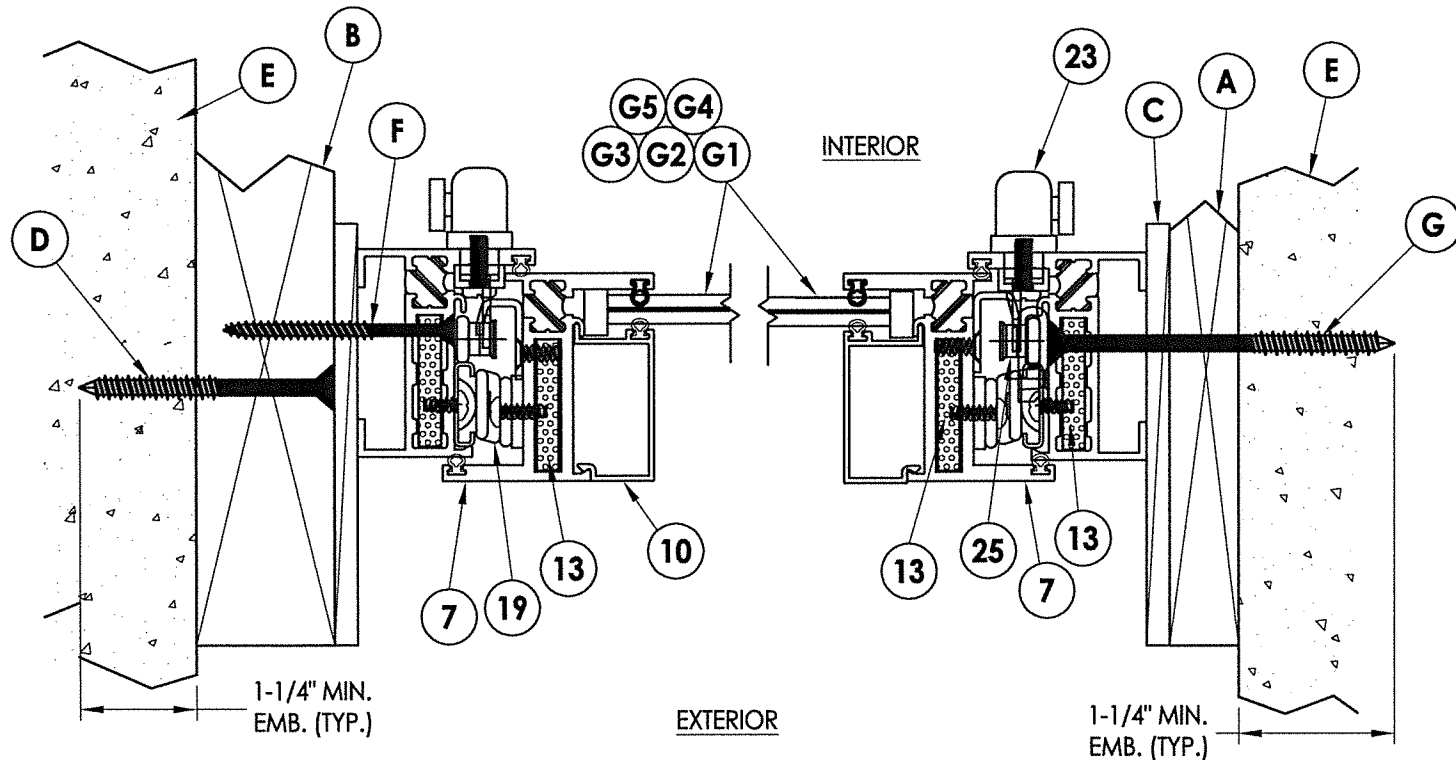
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2 **HORIZONTAL CROSS SECTION**
Shown w/ Steel Stud option



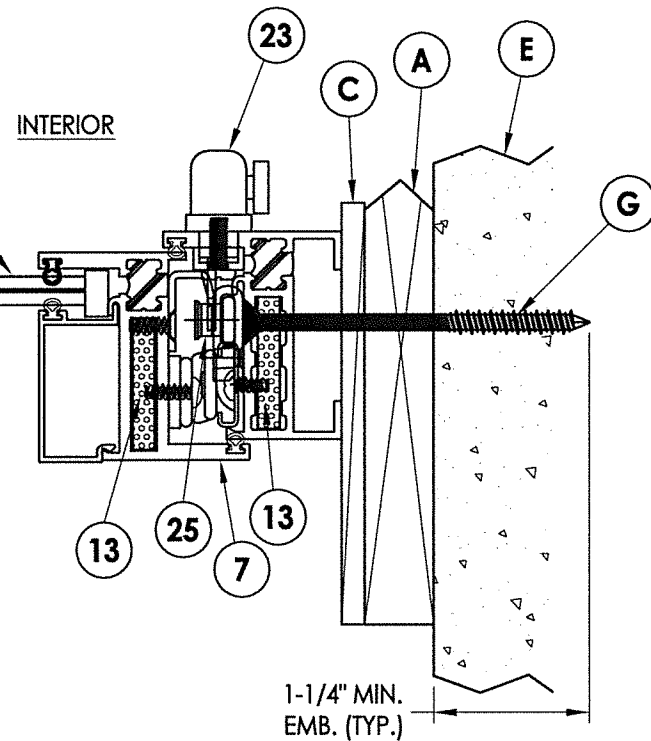
4
2 **HORIZONTAL CROSS SECTION**
Shown w/ Direct to Masonry option



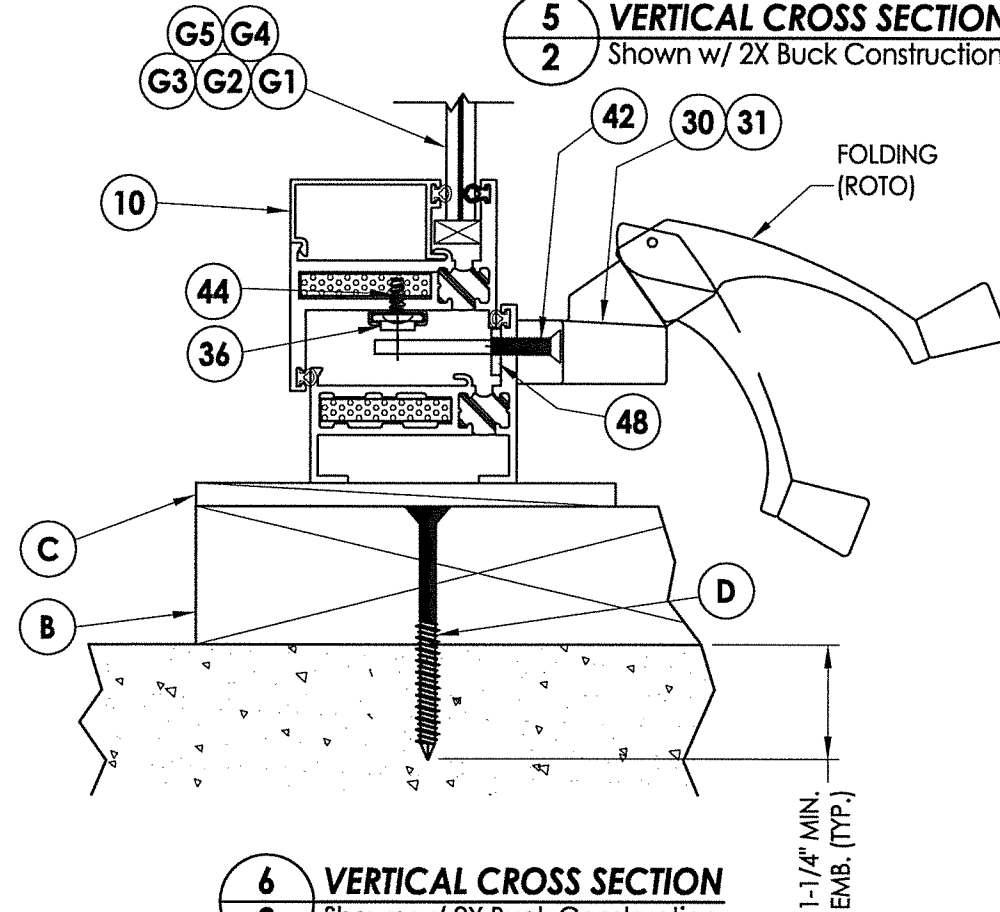
5
2 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck Construction



1
2 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck Construction

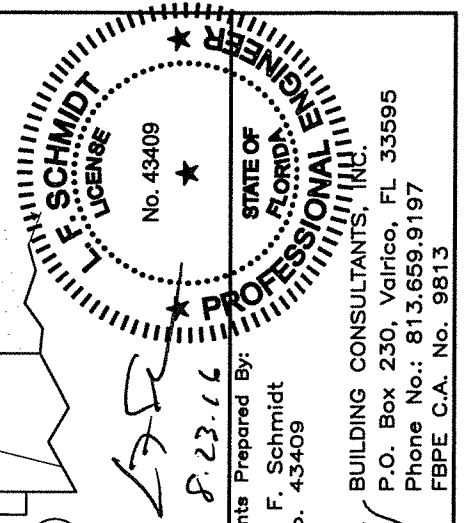


2
2 **HORIZONTAL CROSS SECTION**
Shown w/ 1X Sub buck option



6
2 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck Construction

NOTE:
1. Sheet Metal Screws must penetrate a min. of 3 threads through at least two (2) sheets of metal. Maintain a minimum 1/2" edge distance.



Documents Prepared By:
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P.E. No. 43409

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FBPE C.A. No. 9813

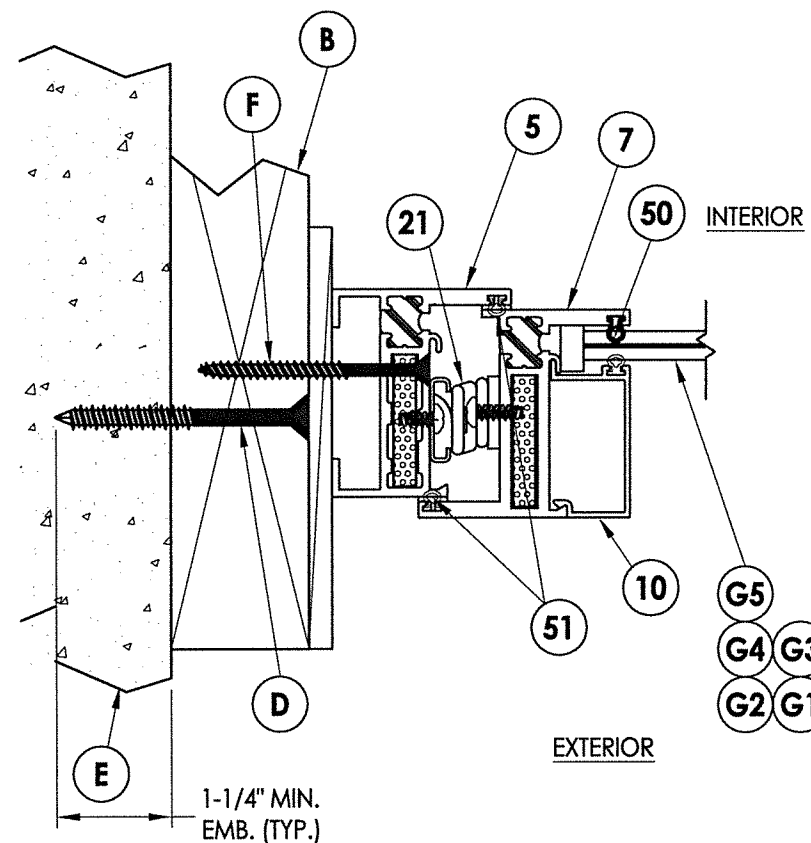
PRODUCT:
FLEETWOOD WINDOWS AND DOORS

PART OR ASSEMBLY:
HORIZONTAL AND VERTICAL
CROSS SECTIONS

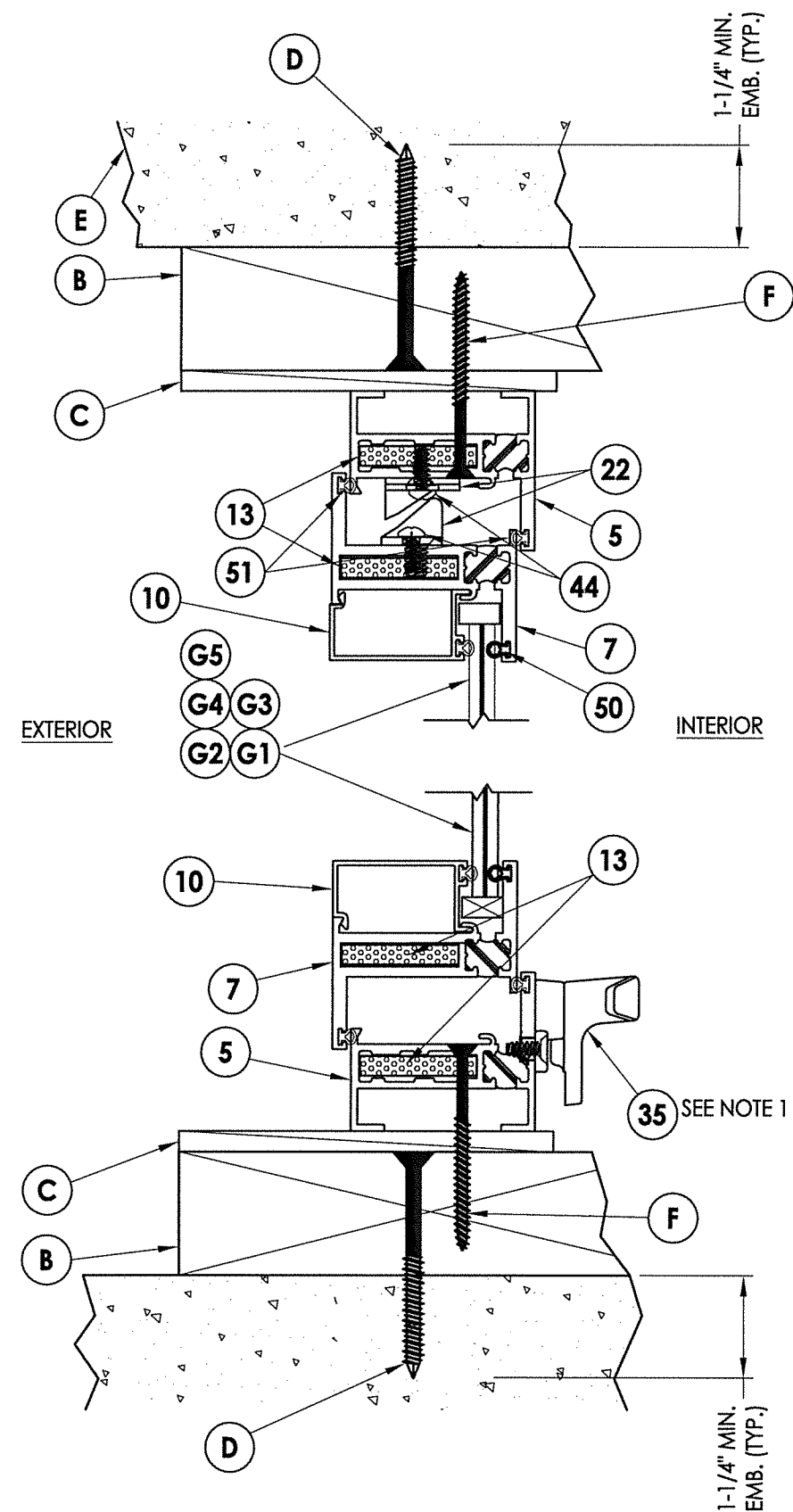
NO.	DATE	BY
2	8/22/16	JK
1	1/22/15	LFS
UPDATE TO 5TH ED. (2014) FBC		

DATE: 4/28/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-14907.6
SHEET 2 OF 7

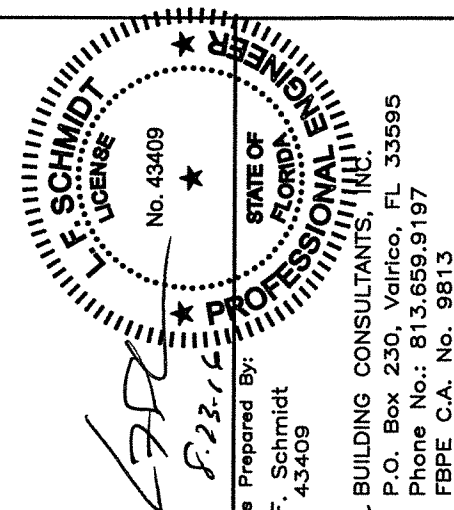
1. Item #35 located 17"
from each end (2) total.



1 HORIZONTAL CROSS SECTION
3 Shown w/ 2X Buck Construction



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



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

R²W
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33487
Phone No.: 813.659.9197
FBPE C.A. No. 9813

PRODUCT:
FLEETWOOD WINDOWS AND DOORS

1. FOR OR ASSEMBLY:
**HORIZONTAL AND VERTICAL
CROSS SECTIONS**

2	8/22/16	Renumber Drawings		JK
1	1/22/15	UPDATE TO 5TH ED. (2014)		LFS
NO.	DATE			BY

DATE: 4/28/14

SCALE: *N.T.S.*

DWG. BY: JK

CHK. BY: LFS

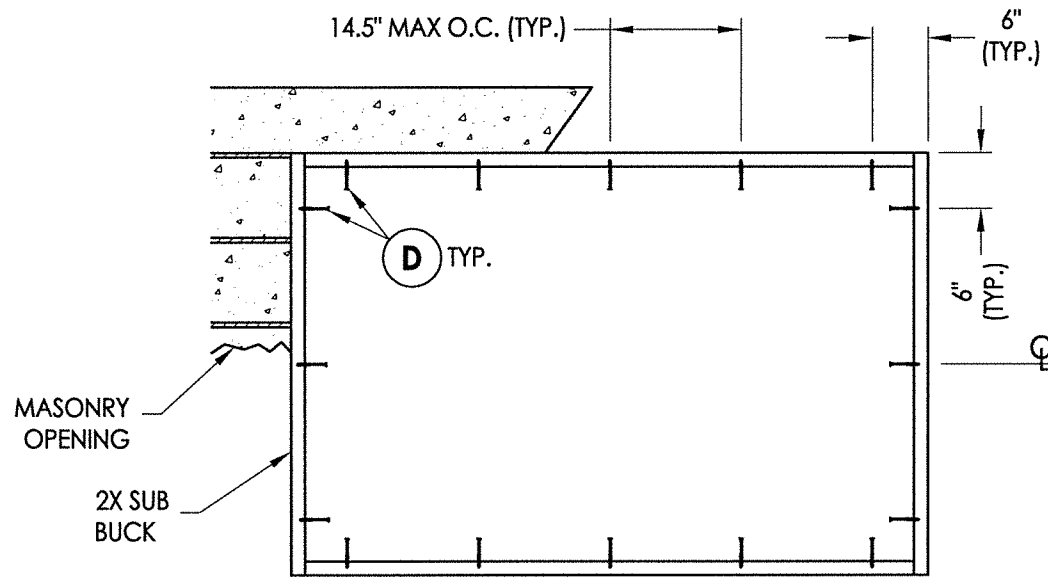
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FL-14907.6

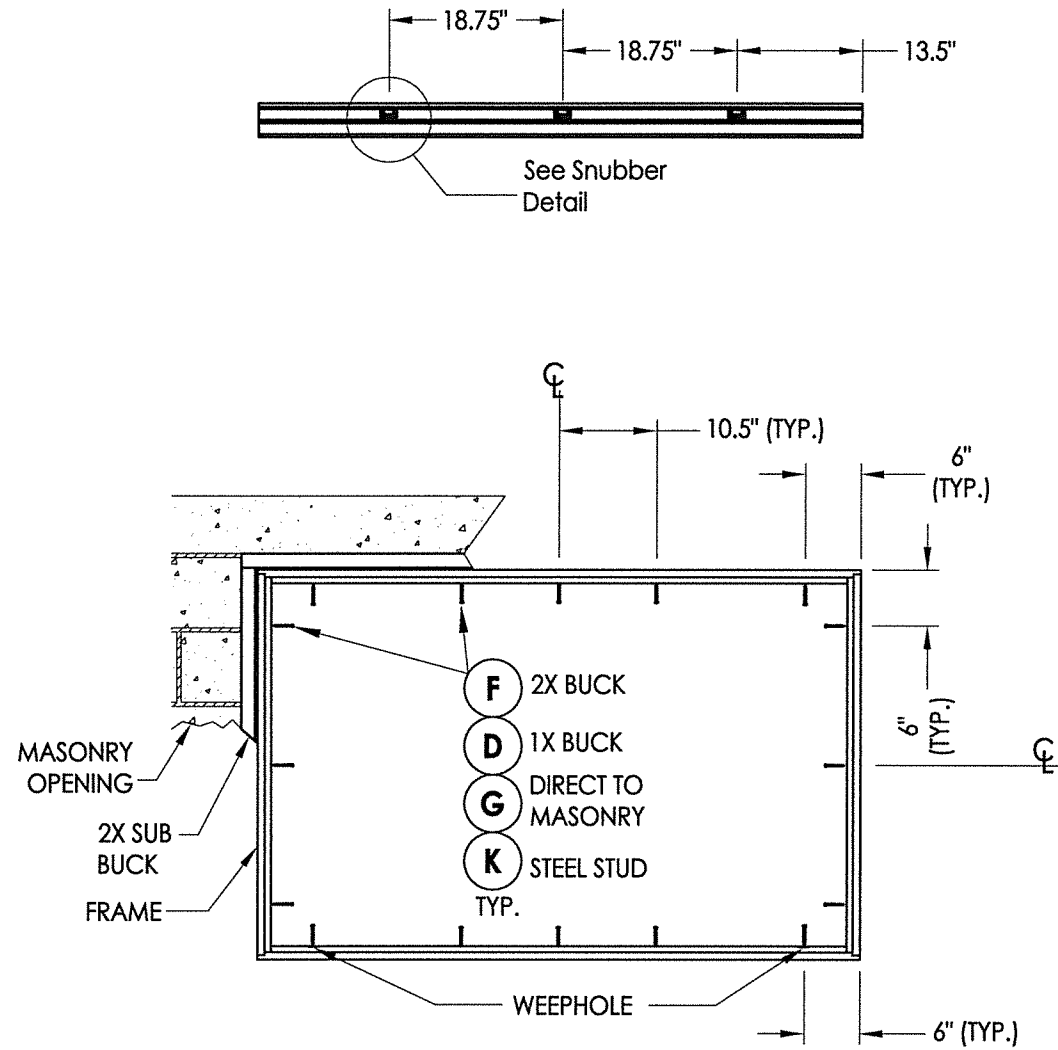
SHEET 3 OF 7

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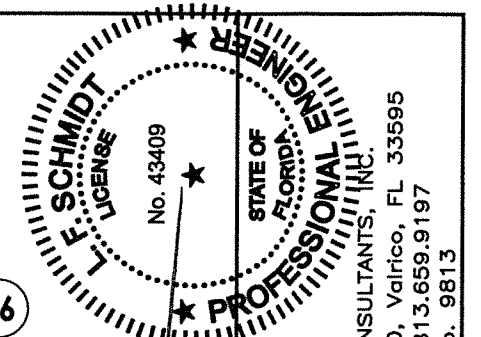
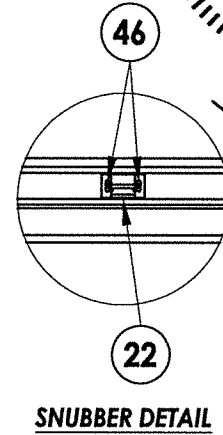
R:\Clients\Fleetwood Permanent\A - Florida Product Approvals\FL-14907 Awning\C - Drawings\FL 14907 (2014)\FL-14907.5-7.dwg, 5.2



2X BUCK ANCHORING
65" X 42" Max Size



FRAME MOUNT ANCHORING
65" X 42" Max Size



Documents Prepared By:
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE C.A. No. 9813

PRODUCT:
FLEETWOOD WINDOWS AND DOORS

PART OR ASSEMBLY:
BUCK & FRAME
ANCHORING

NO.	DATE	REVISIONS
2	8/22/16	Renumber Drawings
1	1/22/15	UPDATE TO 5TH ED. (2014)
JK		
LFS		
BY		

DATE: 4/28/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-14907.6
SHEET 5 OF 7

CONCRETE ANCHOR NOTES:

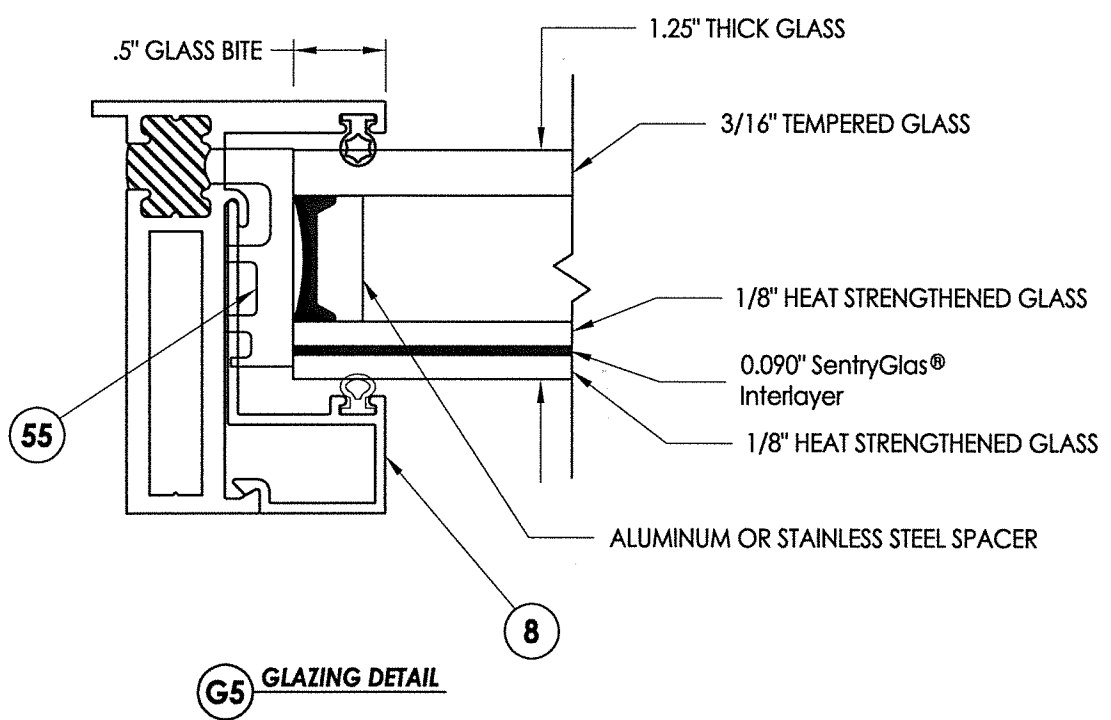
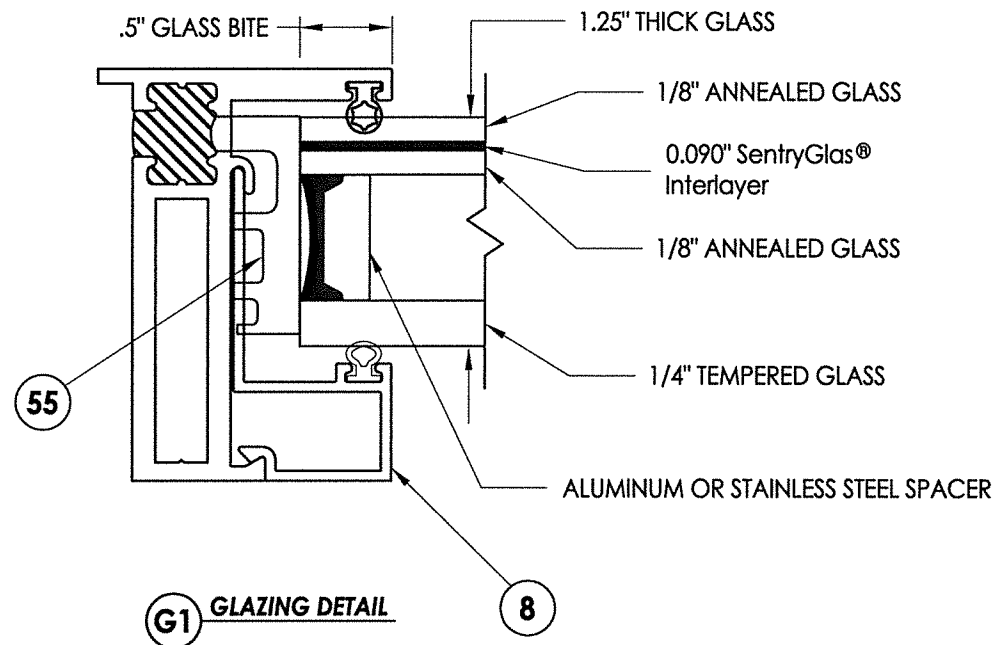
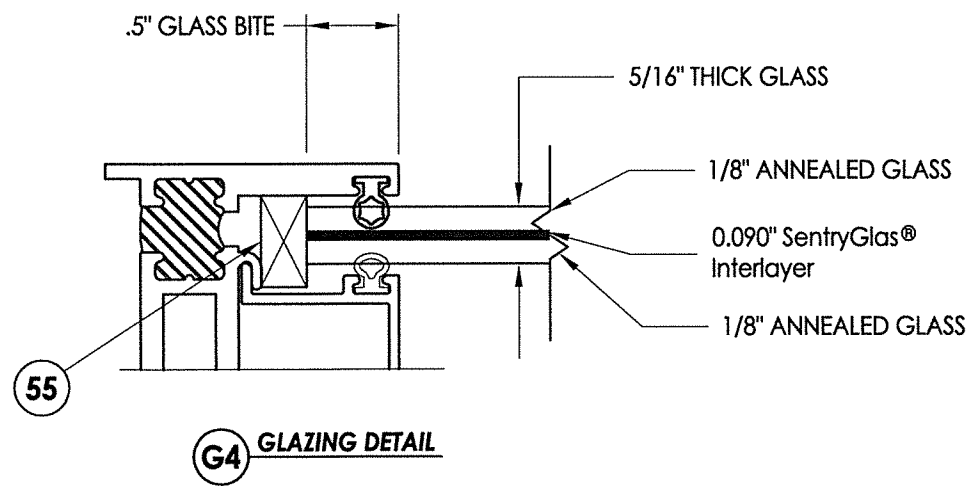
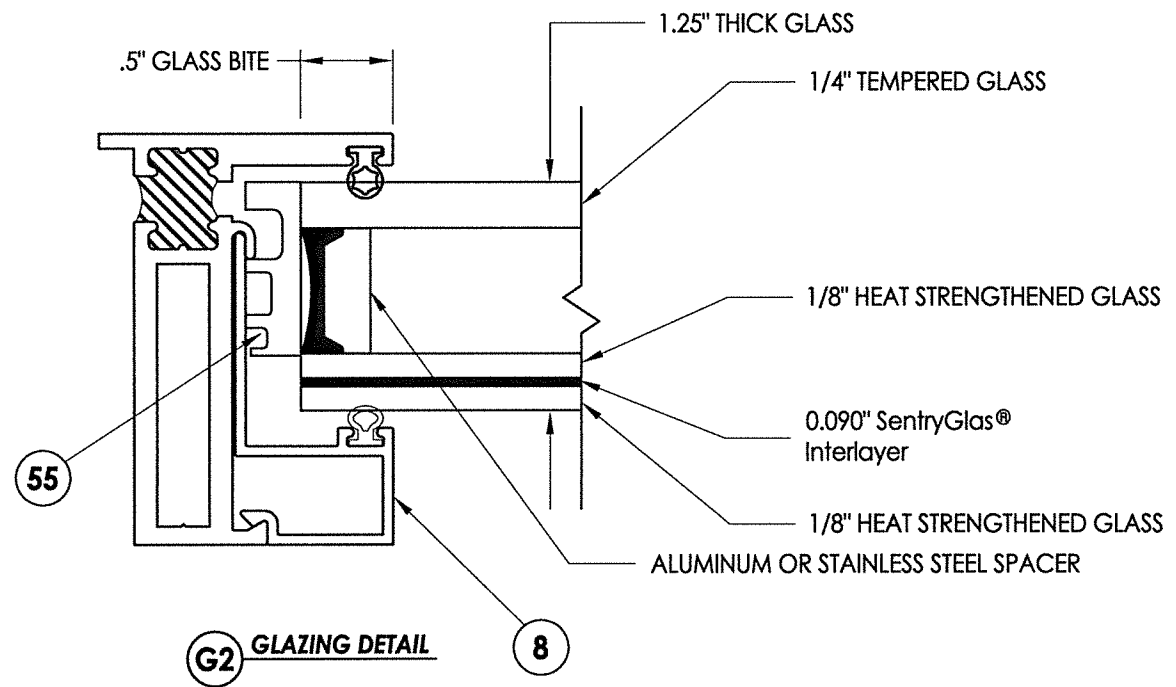
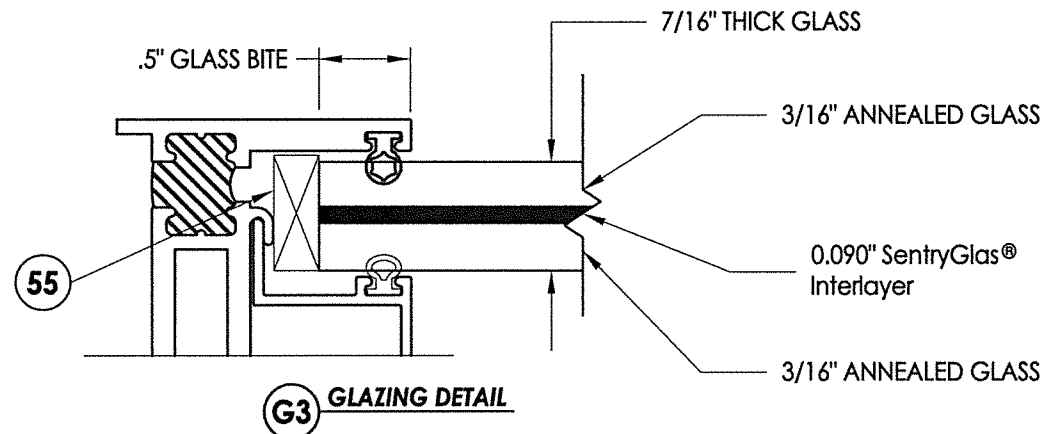
- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
- Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
ELCO ULTRACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

R:\Clients\Fleetwood Permanent\A - Florida Product Approvals\FL-14907 Awning\C - Drawings\FL-14907 5-7.dwg, 6.2



FLORIDA
E. SCHMIDT
LICENSE
No. 43409

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9.23.16

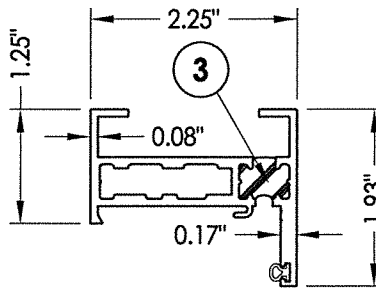
STATE OF
FLORIDA
PROFESSIONAL
ENGINEER
Lyndon F. Schmidt
P.E. No. 43409

RW

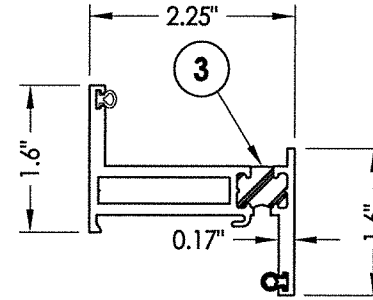
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE C.A. No. 9813

PRODUCT:		FLEETWOOD WINDOWS AND DOORS		PART OR ASSEMBLY:		GLAZING DETAILS	
				JK	LFS	BY	
				2	8/22/16	Renumber Drawings	
				1	1/22/15	UPDATE TO 5TH ED. (2014)	FBC
				NO.	DATE		
REVISIONS							
DATE: 4/28/14							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-14907.6							
SHEET 6 OF 7							

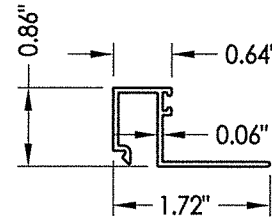
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" ELCO OR ITW PFH CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2" PPH WOOD SCREW (1-1/4" MIN. EMBEDMENT)	STEEL
G	1/4" x 3-3/4" ELCO OR ITW PFH CONCRETE SCREW	STEEL
K	#10 PFH SELF-DRILLING SMS	STEEL
X	STEEL STUD Min. Thk .033" (ASTM A653 GRADE 33 Fy=33 Ksi Min, Fu=45 Ksi Min)	STEEL
3	THERMAL BREAK ("LIQUID POLYURETHANE" by Azon USA, Inc.)	-
5	WESTWOOD BLOCK FRAME	6063-T6 ALUM
7	WESTWOOD 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
19	2 BAR HINGE	SS
21	4 BAR HINGE	SS
22	SNUBBER-COMMERCIAL PULL-IN BLOCK	SS
23	MULTIPOINT LOCK HANDLE (STEVE HAGG)	SS
24	1 POINT LOCKING BAR (TRUTH)	SS
25	2 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 (MELRON)	SS
36	CASEMENT SS. TRACK (TRUTH)	SS
40	#10 X 1" PPH SMS	STEEL
42	MACHINE SCREW NO 10-32, FHP .75"	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	-
55	SETTING BLOCK	-



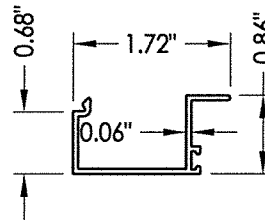
5 BLOCK FRAME



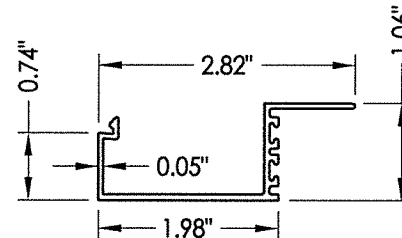
7 ZEE BAR (PANEL)



8 GLASS STOP 1-1/4"



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



14 INSERT STOP

