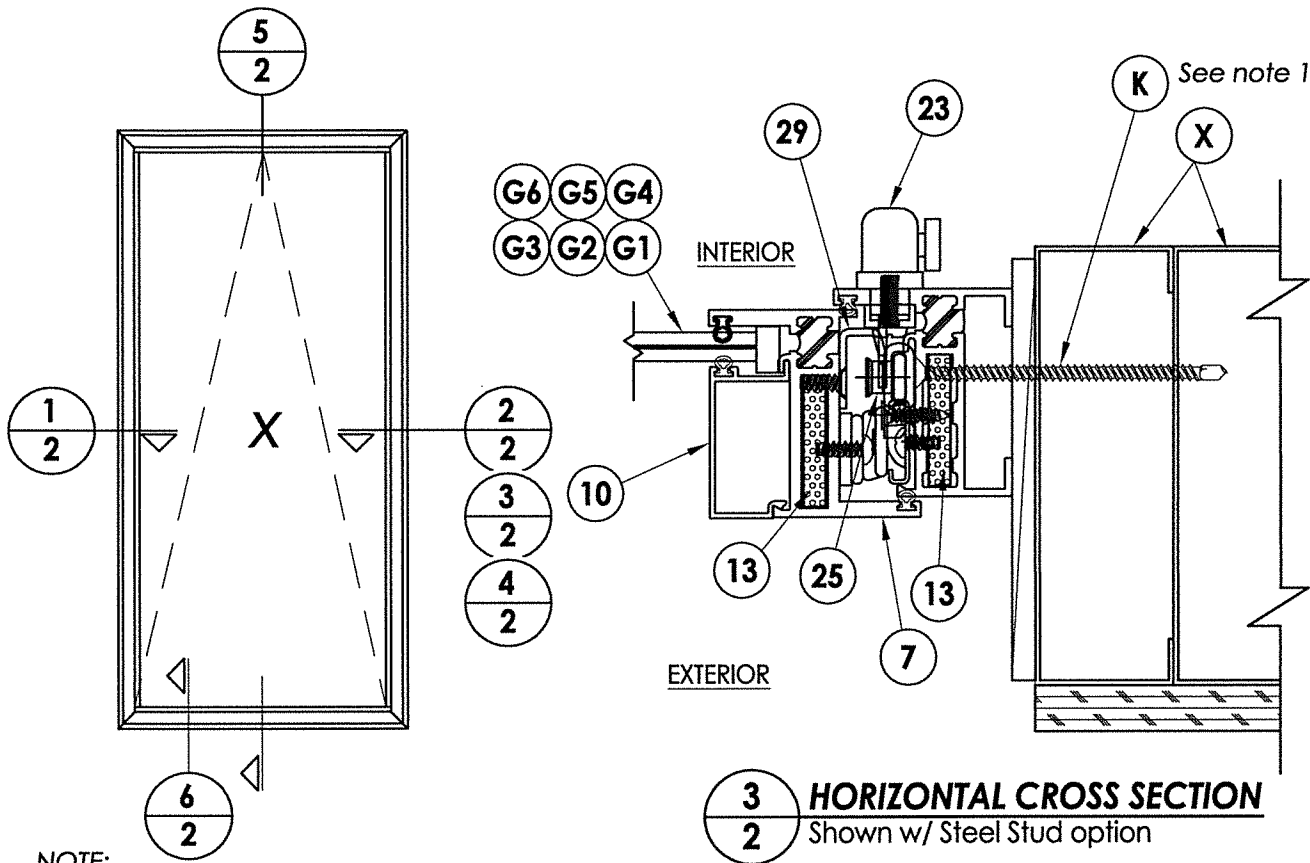
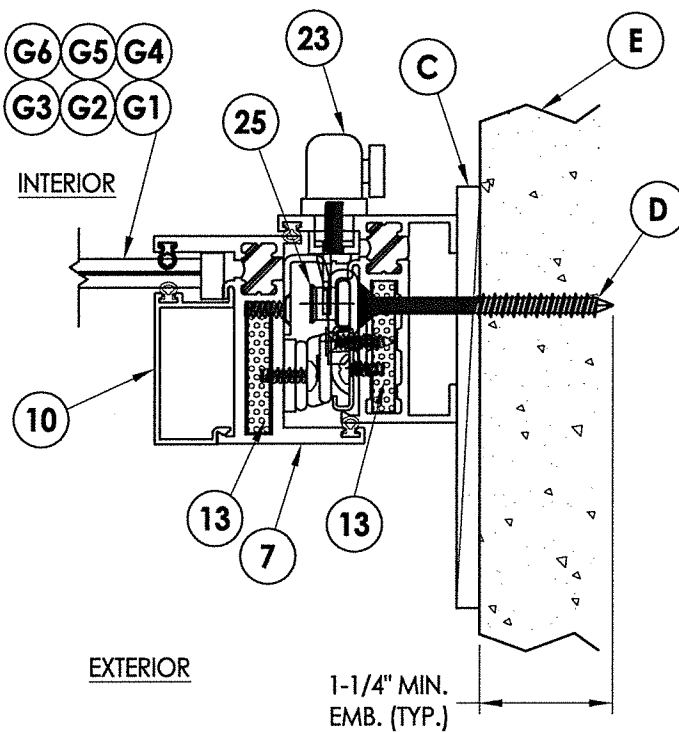


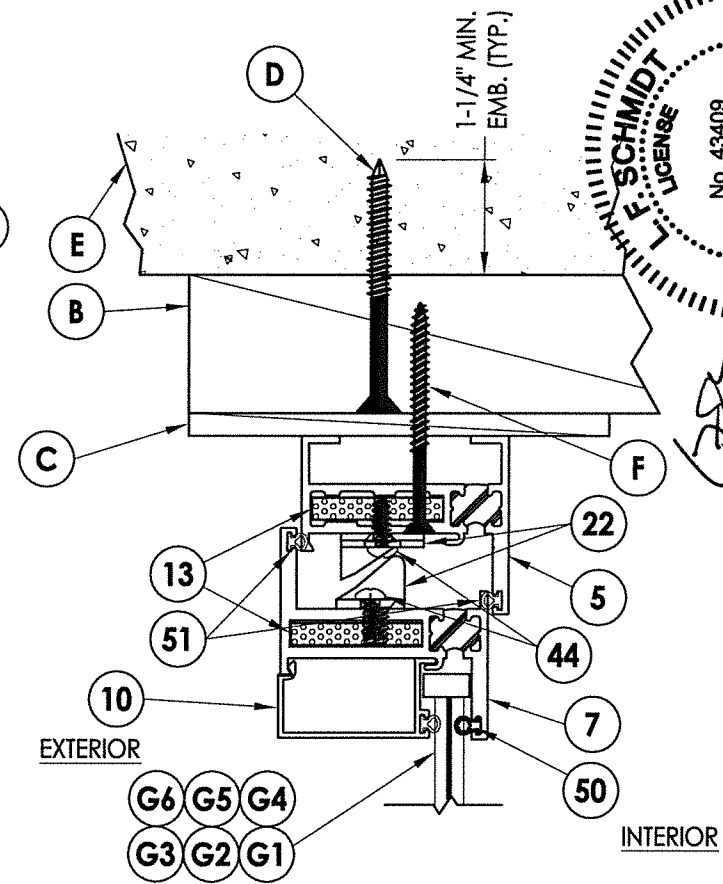
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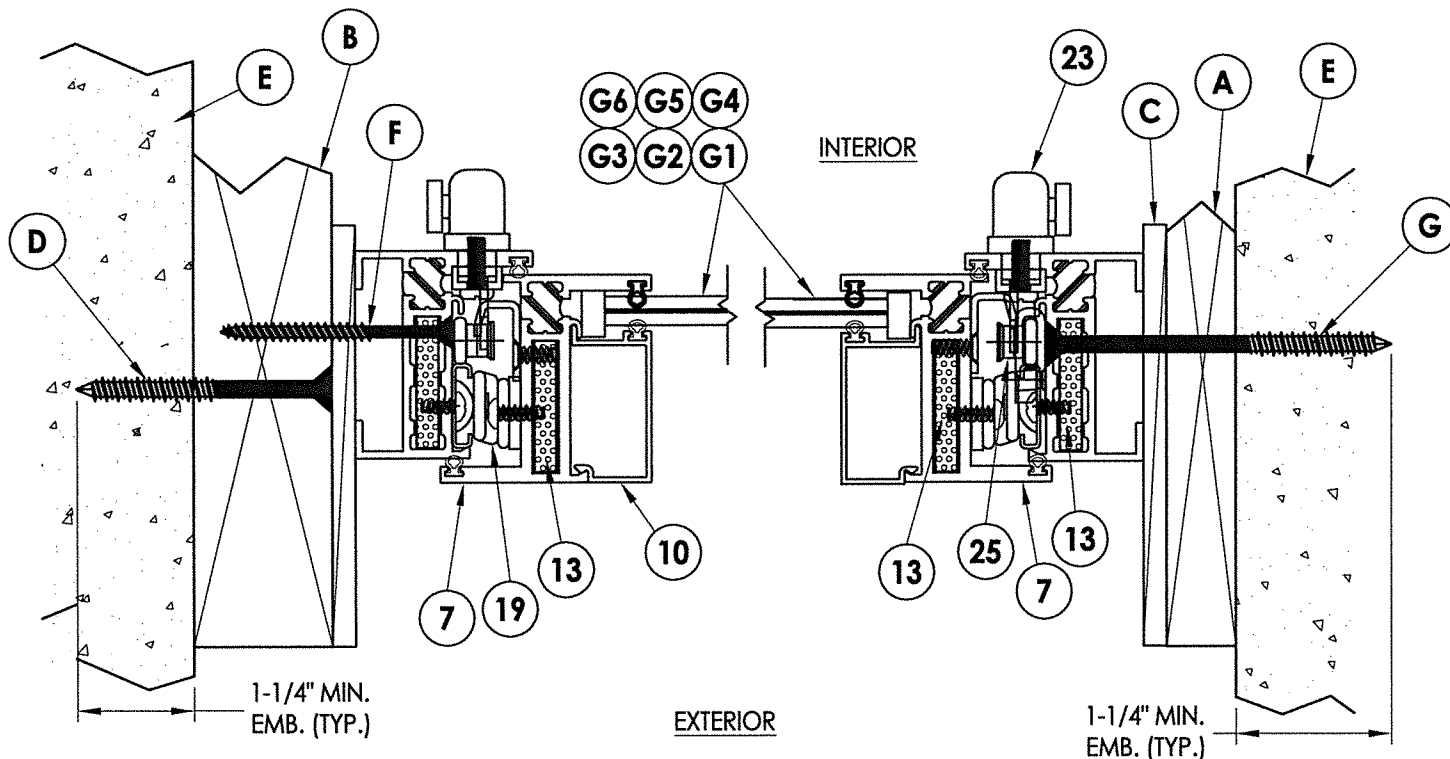
3 HORIZONTAL CROSS SECTION
2 Shown w/ Steel Stud option



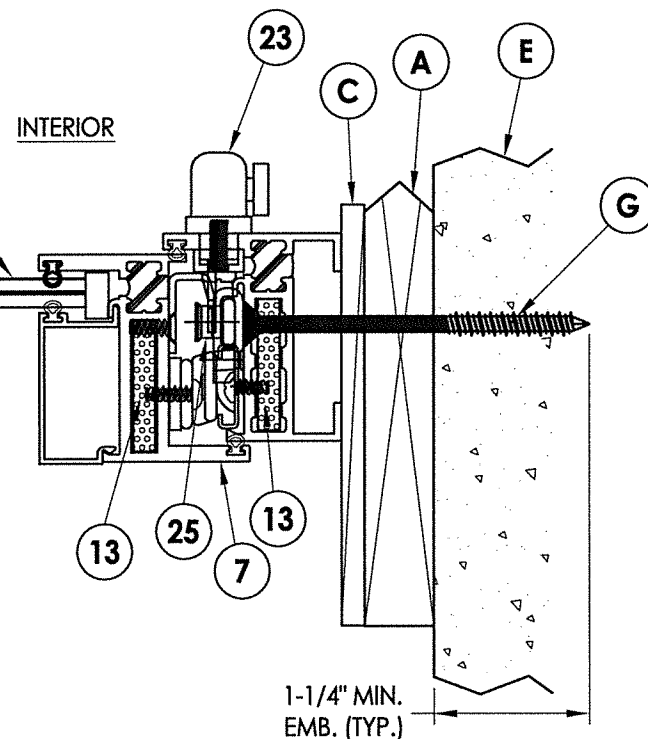
4 HORIZONTAL CROSS SECTION
2 Shown w/ Direct to Masonry option



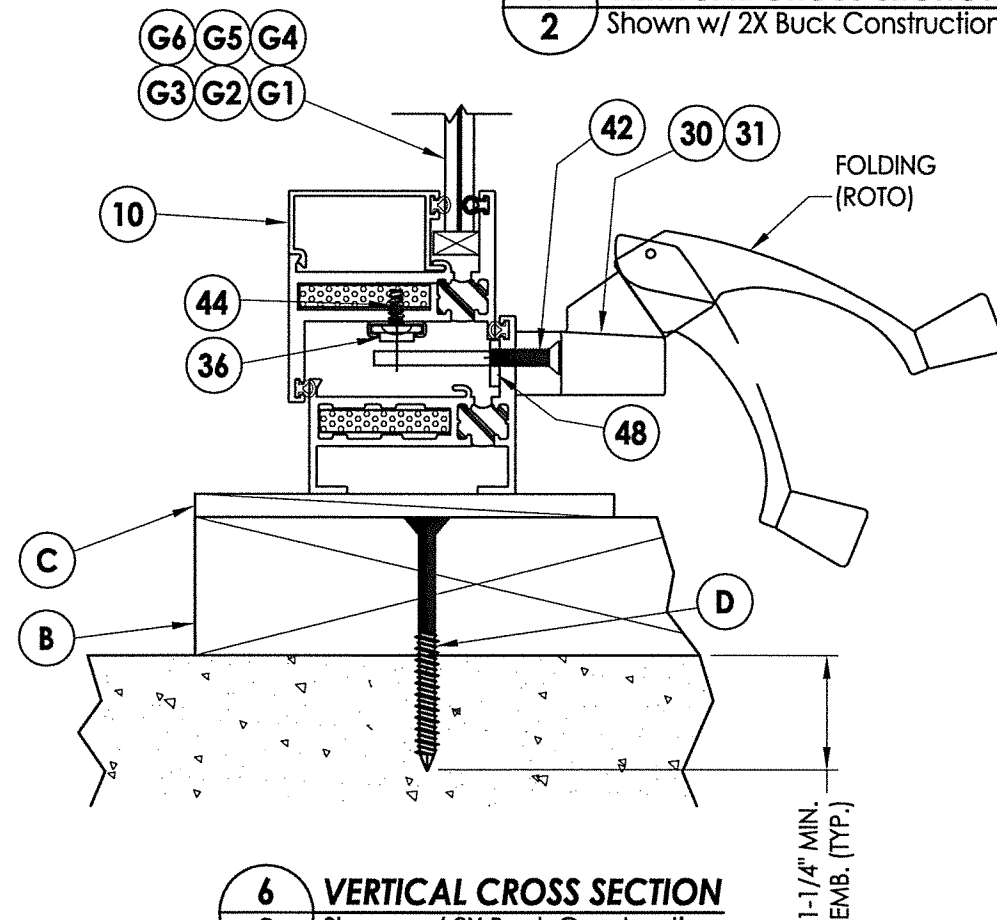
5 VERTICAL CROSS SECTION
2 Shown w/ 2X Buck Construction



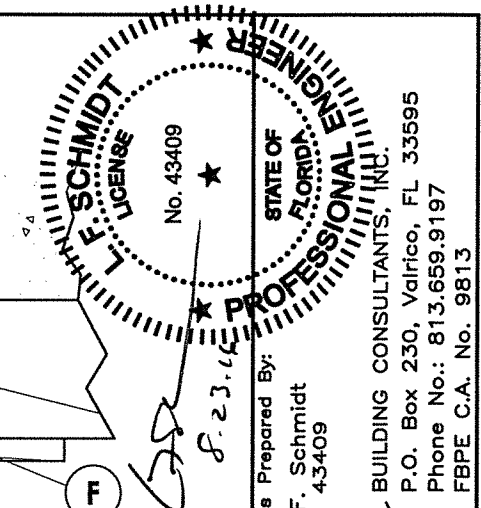
1 HORIZONTAL CROSS SECTION
2 Shown w/ 2X Buck Construction



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



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



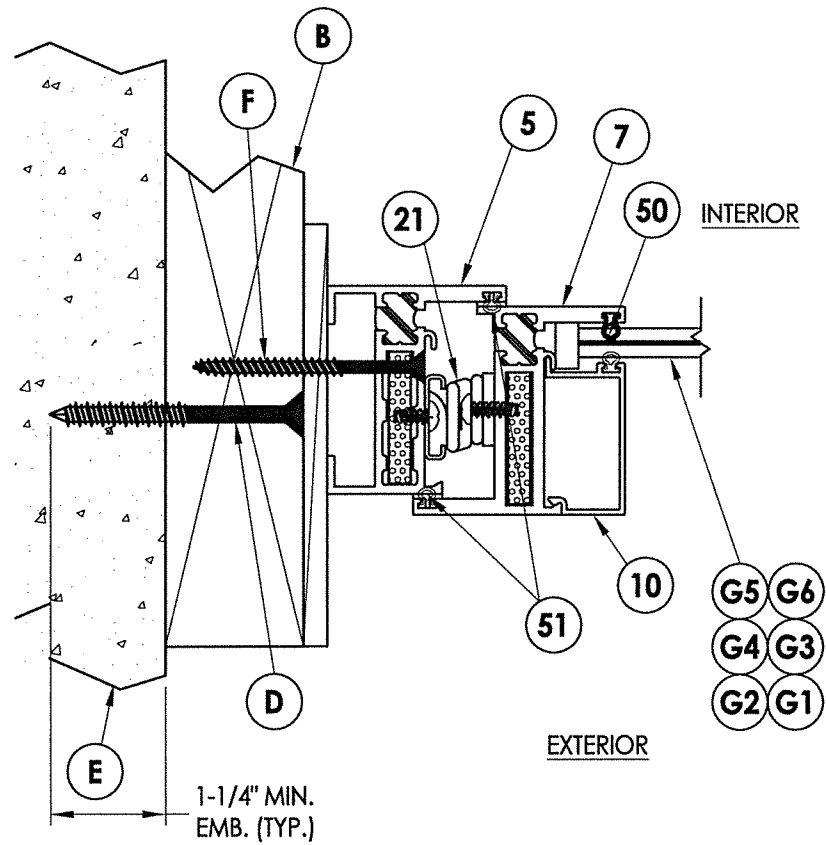
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

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

DATE:	4/28/14
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-14907.7
SHEET	2 OF 7

R:\Clients\Fleetwood PERMANENT\A - Florida Product Approvals\FL-14907 Awning\C - Drawings\FL-14907.5-7.dwg, 3.3



Technical drawings of a door threshold assembly, showing exterior and interior views with callouts A through F and 1 through 35.

Exterior View (Top): Shows the threshold assembly installed in a concrete floor. Callouts include:

- A:** Concrete floor.
- B:** Threshold base.
- C:** Threshold top.
- D:** Bolt.
- E:** Concrete floor.
- F:** Threshold top.
- 1-1/4" MIN. EMB. (TYP.):** Embedment depth.

Interior View (Bottom): Shows the threshold assembly installed in a concrete floor. Callouts include:


- A:** Concrete floor.
- B:** Threshold base.
- C:** Threshold top.
- D:** Bolt.
- E:** Concrete floor.
- F:** Threshold top.
- 1-1/4" MIN. EMB. (TYP.):** Embedment depth.

Detail View (Middle): Shows the threshold assembly installed in a concrete floor. Callouts include:

- 10:** Threshold base.
- 13:** Threshold top.
- 5:** Threshold base.
- 7:** Threshold top.
- 50:** Threshold base.
- 44:** Threshold top.
- 22:** Threshold base.
- 51:** Threshold top.
- G1, G2, G3, G4, G5, G6:** Threshold base.
- 35:** SEE NOTE 1.

Labels:

- EXTERIOR:** Located on the left side of the exterior view.
- INTERIOR:** Located on the right side of the interior view.



LFS

8.23.16

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

PRODUCT:

FLEETWOOD WINDOWS AND DOORS

STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Part or Assembly:

HORIZONTAL AND VERTICAL CROSS SECTIONS

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

DATE: 4/28/14

SCALE: N.T.S.

DWG. BY: JK

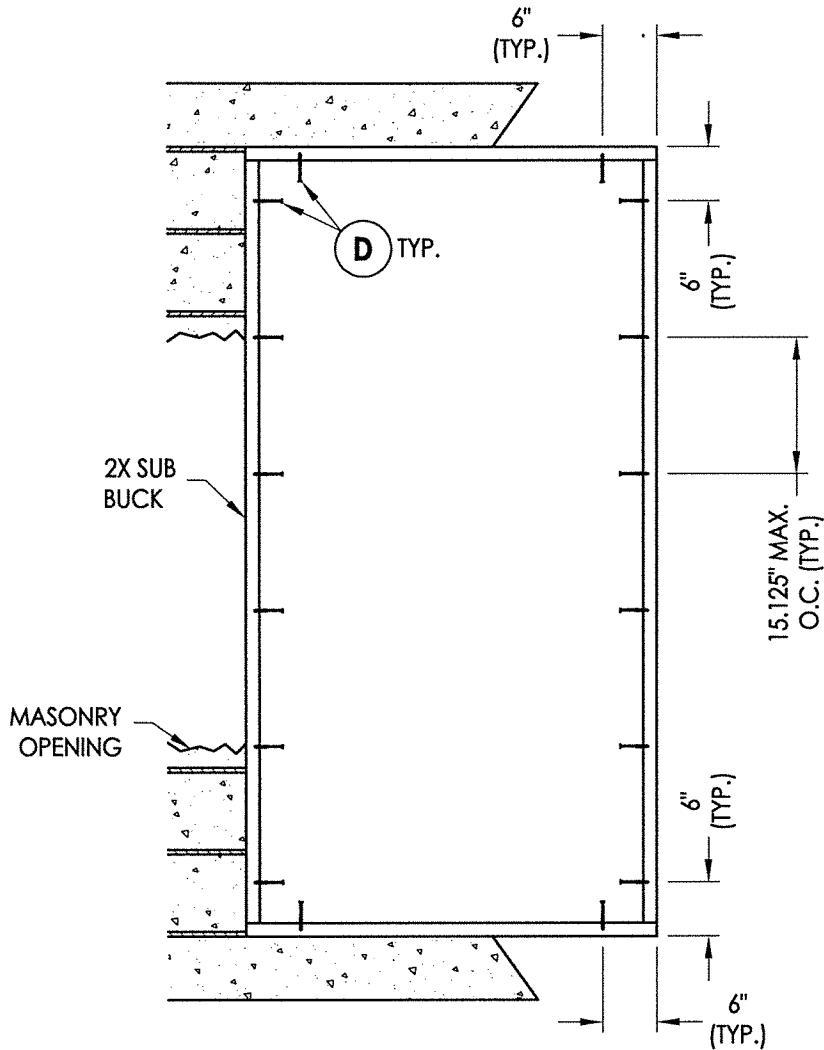
CHK. BY: LFS

DRAWING NO.:
FL-14907.7

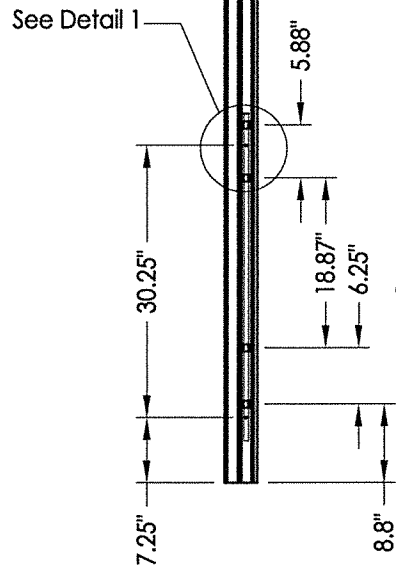
R⁹W BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE C.A. No. 9813

SHEET 3 **OF** 7

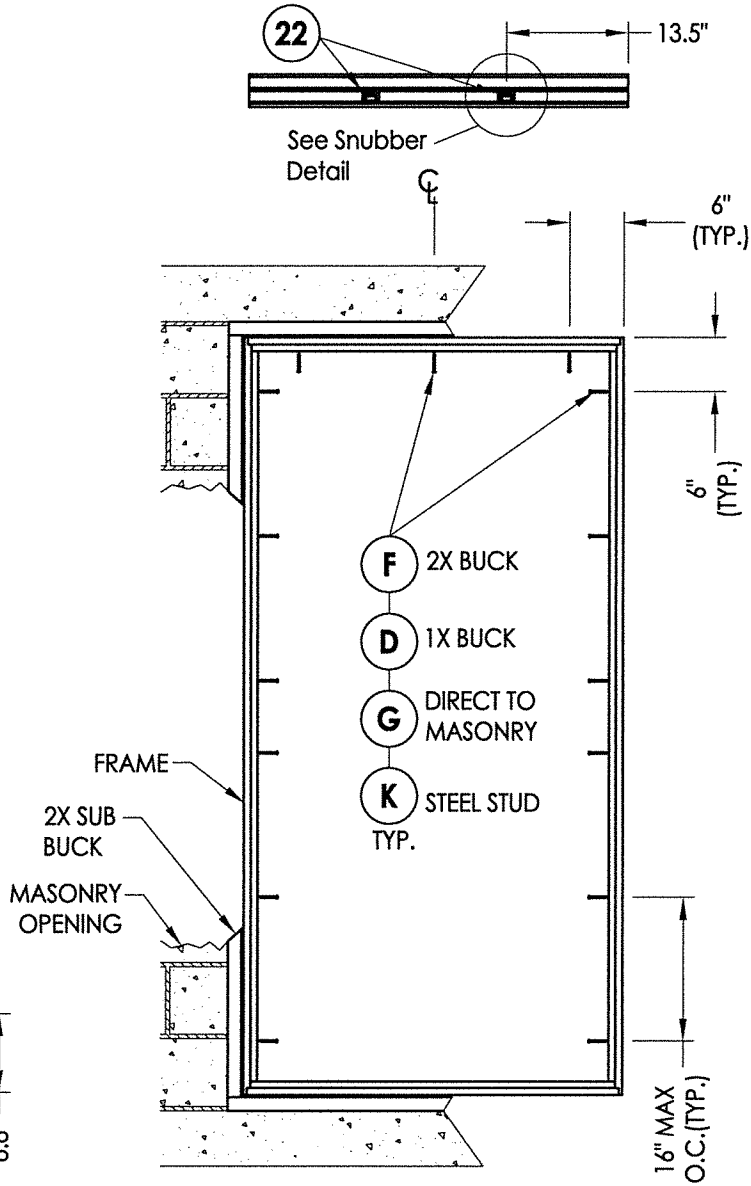
© 2014 R.W. BUILDING CONSULTANTS INC.



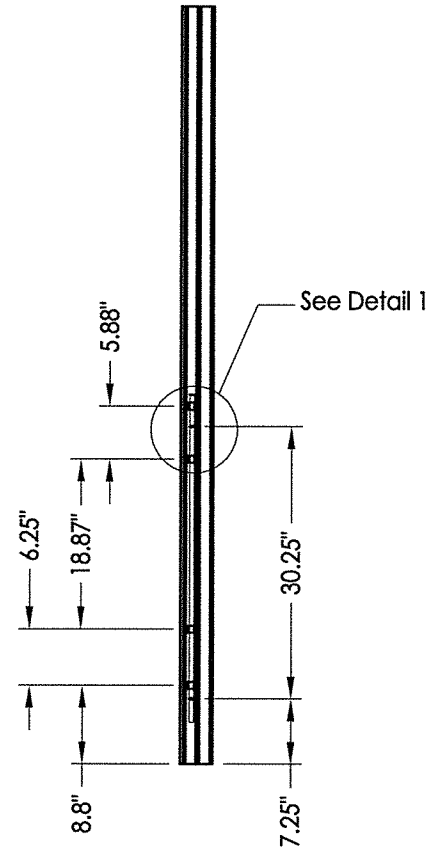
2X BUCK ANCHORING
42" X 84" Max Size



LOCK JAMB
2 Point Lock



FRAME MOUNT ANCHORING
42" X 84" Max Size



LOCK JAMB
2 Point Lock

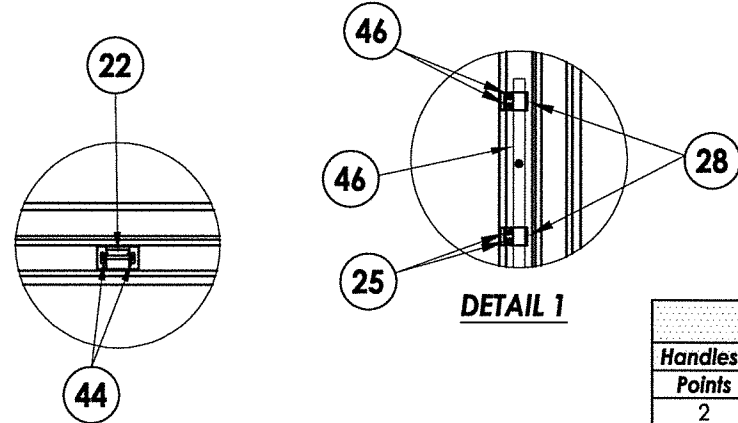
CONCRETE ANCHOR NOTES:

- 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:

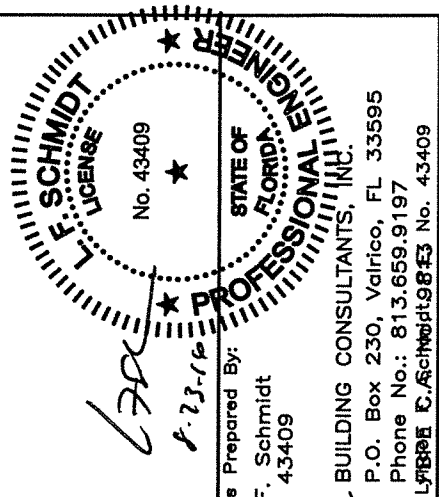
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



SNUBBER DETAIL

Hardware Table			
Handles	Points	Description	Height
2	2	Multipoint	> 50"
	1	Multipoint	≤ 50"
Qty.	2	Cam*	≤ 50"

*Cam locks can be used in conjunction with multipoint lock or in lieu of multipoint locks



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

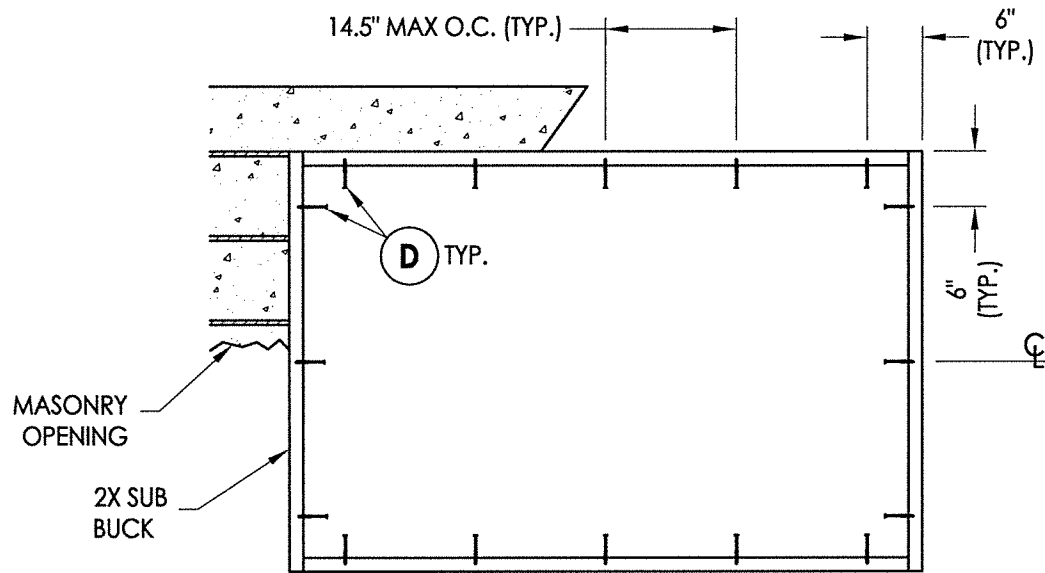
R.W. BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
LYNDON F. SCHMIDT, P.E. No. 43409

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) FBC

DATE: 4/28/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-14907.7
SHEET 4 OF 7

R:\Clients\Fleetwood PERMANENT\A - Florida Product Approvals\FL-14907 Awning\A - Drawings\FL 14907 (2014)\FL-14907.5-7.dwg, 5.3



2X BUCK ANCHORING
65" X 42" Max Size

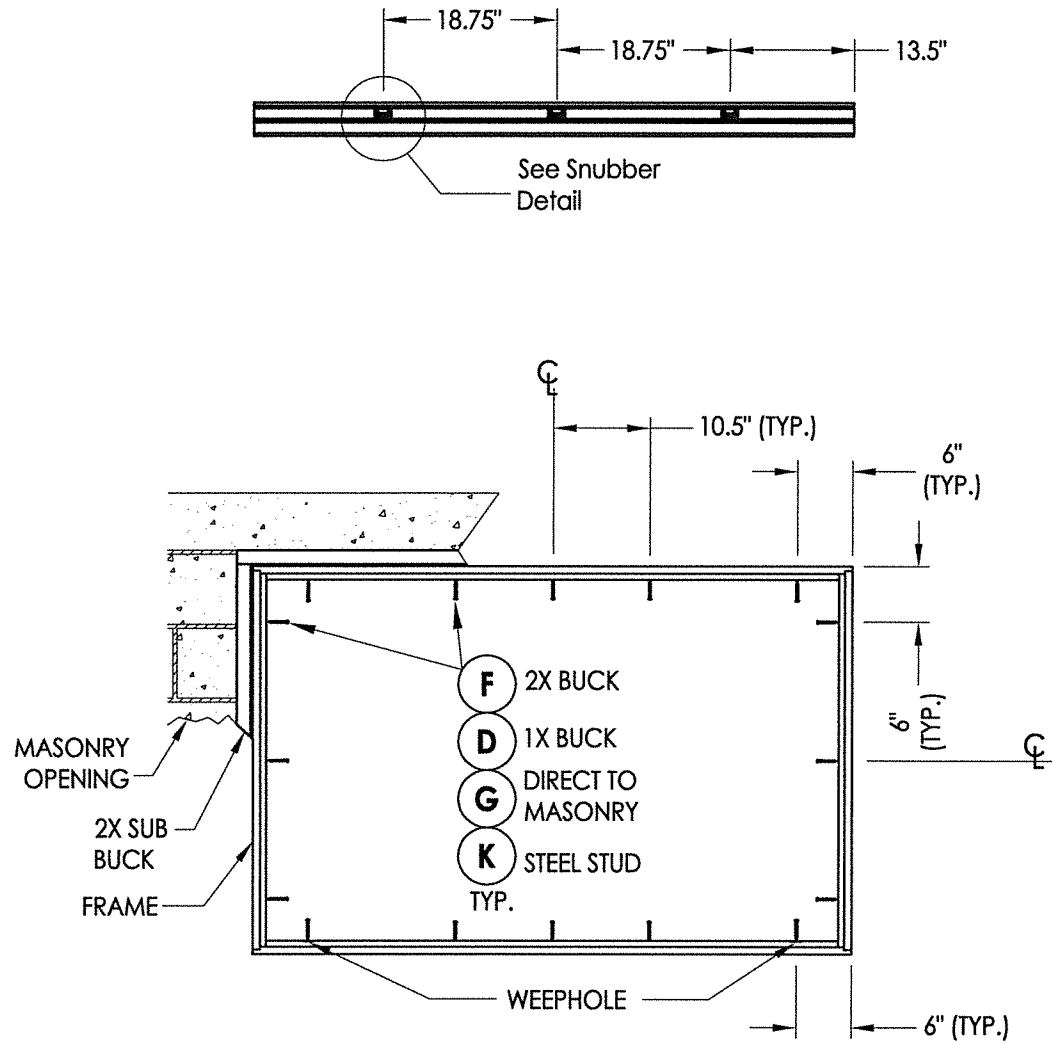
CONCRETE ANCHOR NOTES:

- 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:

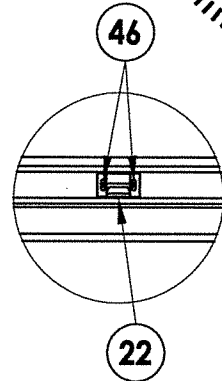
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
ELCO ULTRACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

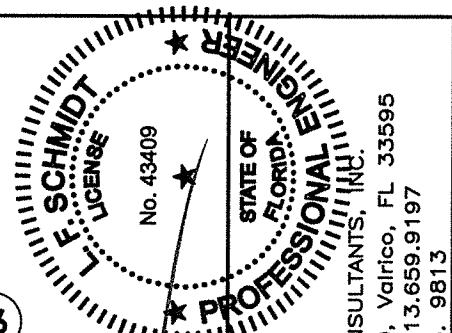
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



FRAME MOUNT ANCHORING
65" X 42" Max Size



SNUBBER DETAIL



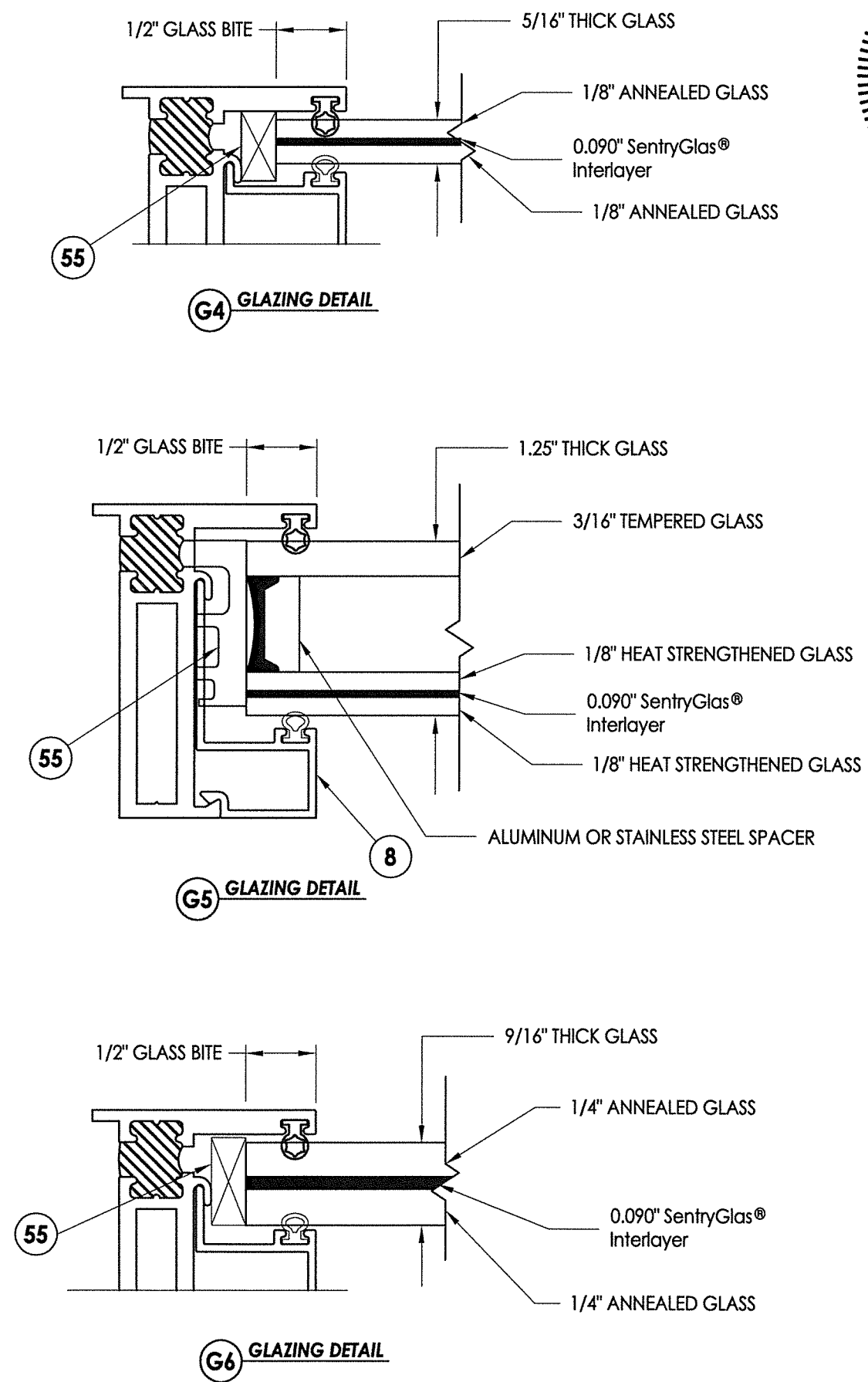
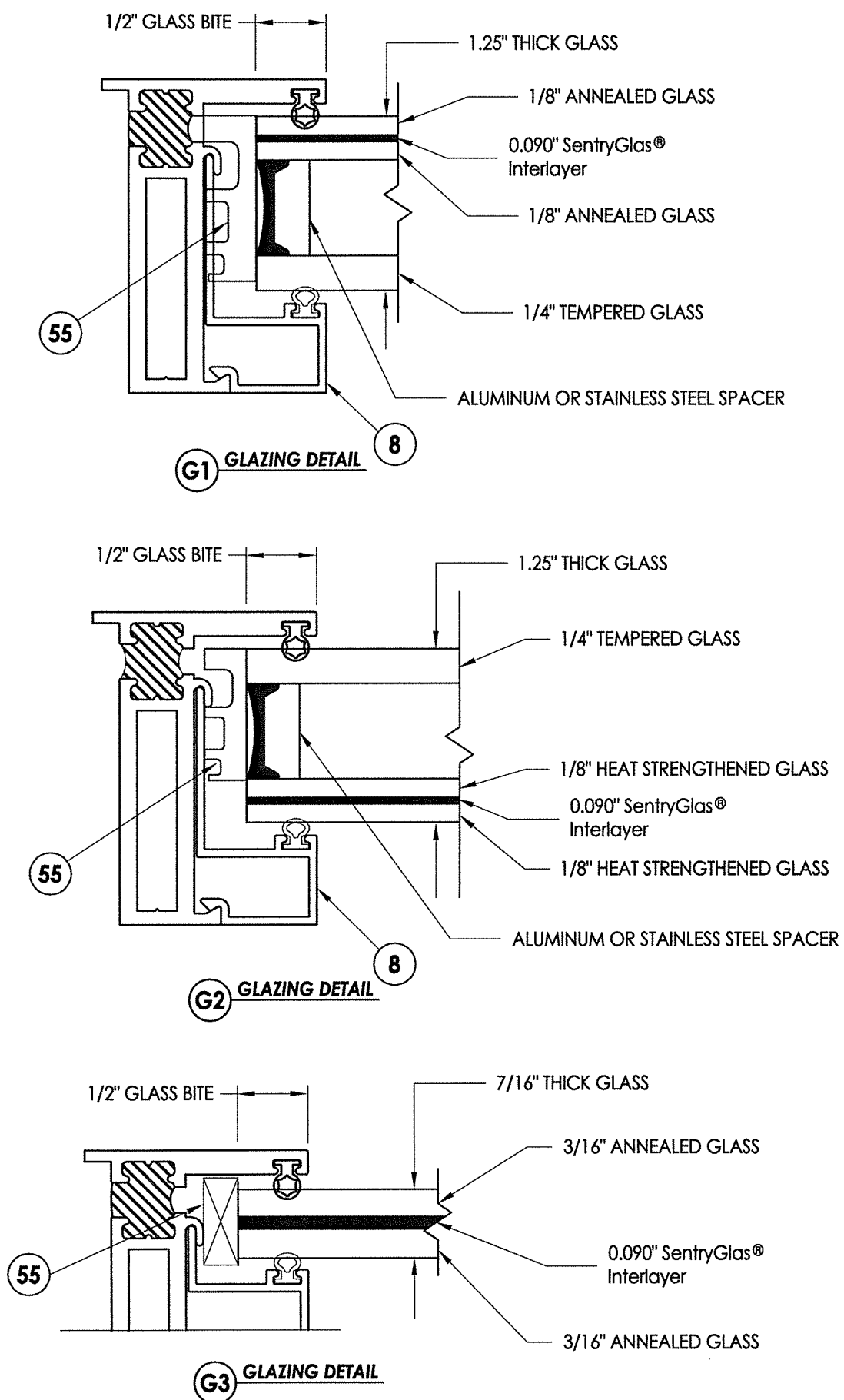
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409


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

PRODUCT: FLEETWOOD WINDOWS AND DOORS
PART OR ASSEMBLY: BUCK & FRAME ANCHORING

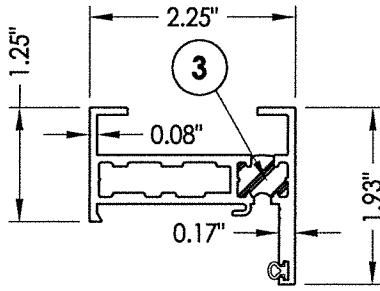
NO.	DATE	REVISIONS
2	8/22/16	Renumber Drawings
1	1/22/15	UPDATE TO 5TH ED. (2014) FBC

DATE: 4/28/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-14907.7
SHEET 5 OF 7

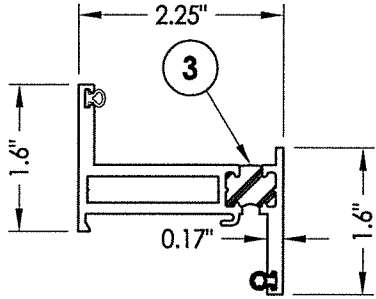


						<p><i>LFS</i></p> <p><i>F. 23-16</i></p> <p>Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409</p>						<p align="center">STATE OF FLORIDA PROFESSIONAL ENGINEER</p>						<p align="right">BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE C.A. No. 9813</p>																																																																	
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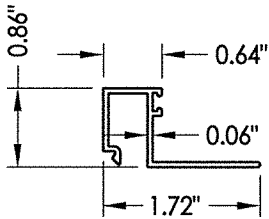
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" ELCO OR ITW PFH CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2" PPH WOOD 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, PPH, .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 (SANTOPRENE - 86 DUROMETER) - TREMCO	-



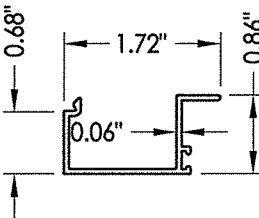
5 BLOCK FRAME



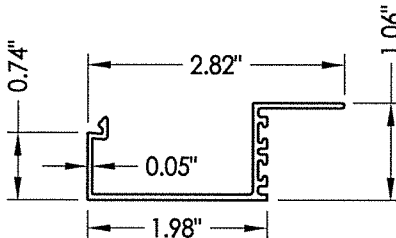
7 ZEE BAR (PANEL)



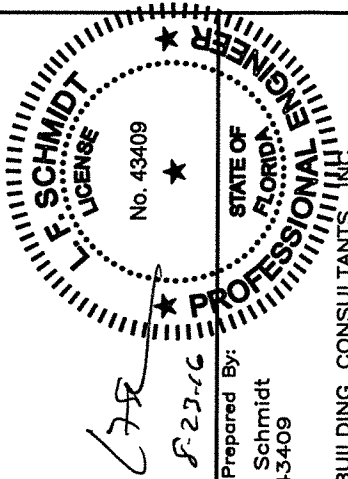
8 GLASS STOP 1-1/4"



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



14 INSERT STOP



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

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

FOR ASSEMBLY:

[illegible]

DATE: 4/28/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-14907.7

SHEET 7 OF 7