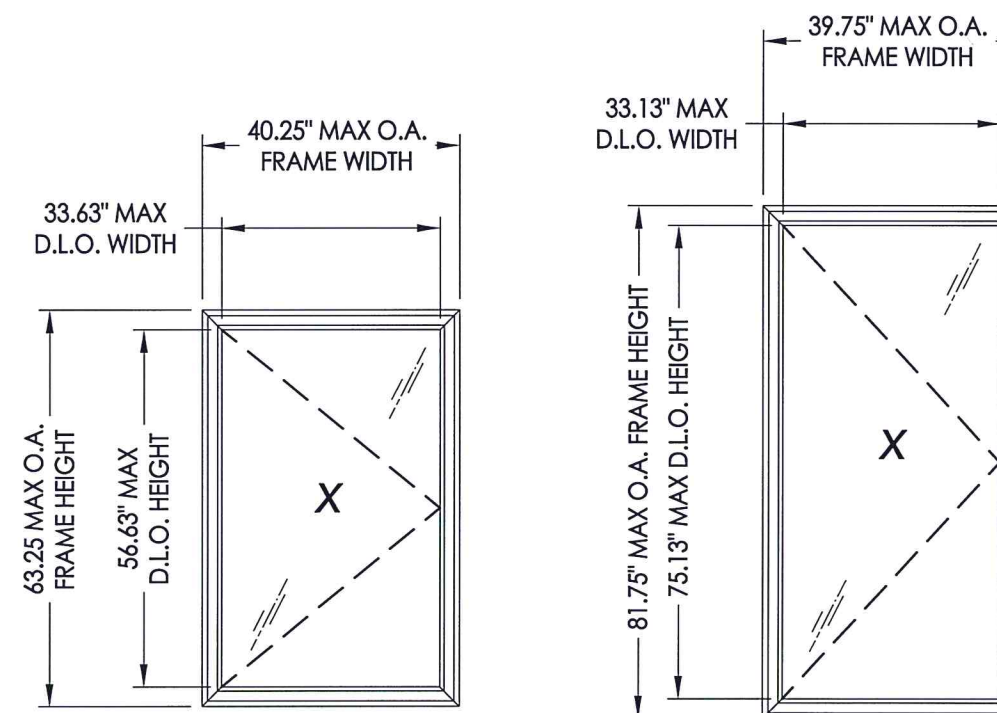


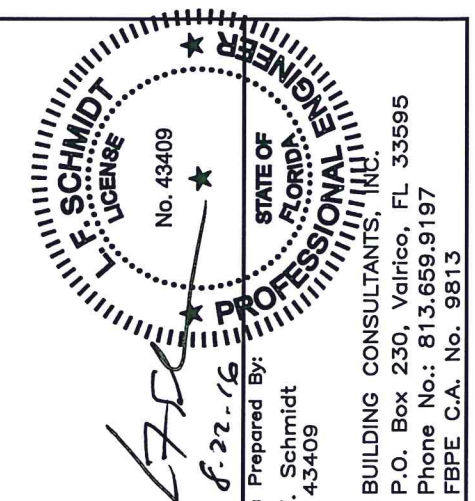
## GENERAL NOTES

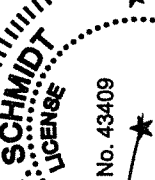
1. This product has been evaluated and is in compliance with the 5th Edition (2014) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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 and Section 1609.1.2.2 of the FBC.
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	Elevations
3	Horizontal and vertical cross sections
4	Horizontal and vertical cross sections
5	Buck and frame anchoring
6	Buck and frame anchoring
7	Glazing details
8	Bill of materials and components



OVERALL FRAME DIMENSION	OVERALL D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
40.25" X 63.25"	33.63" X 56.63"	G1, G2, G3, G4, G5	+65.0	-65.0
39.75" X 81.75"	33.13" X 75.13"	G1, G2, G3, G4, G5	+65.0	-65.0

[illegible]

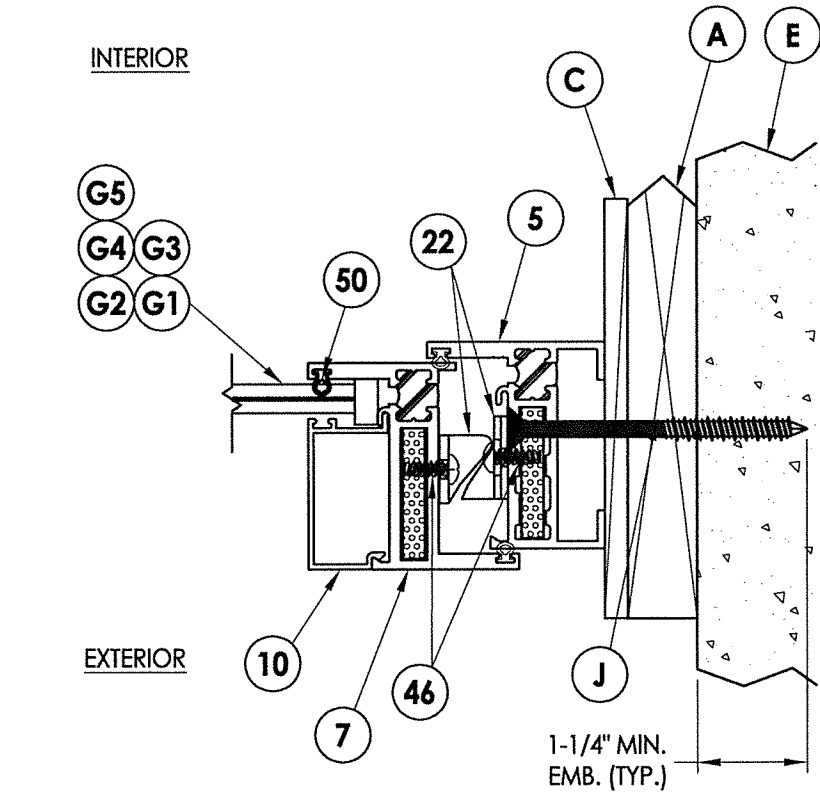

 L. F. SCHMIDT  
 LICENSE  
 No. 43409  
 STATE OF  
 FLORIDA  
 PROFESSIONAL ENGINEER

LFS  
 8.22.16

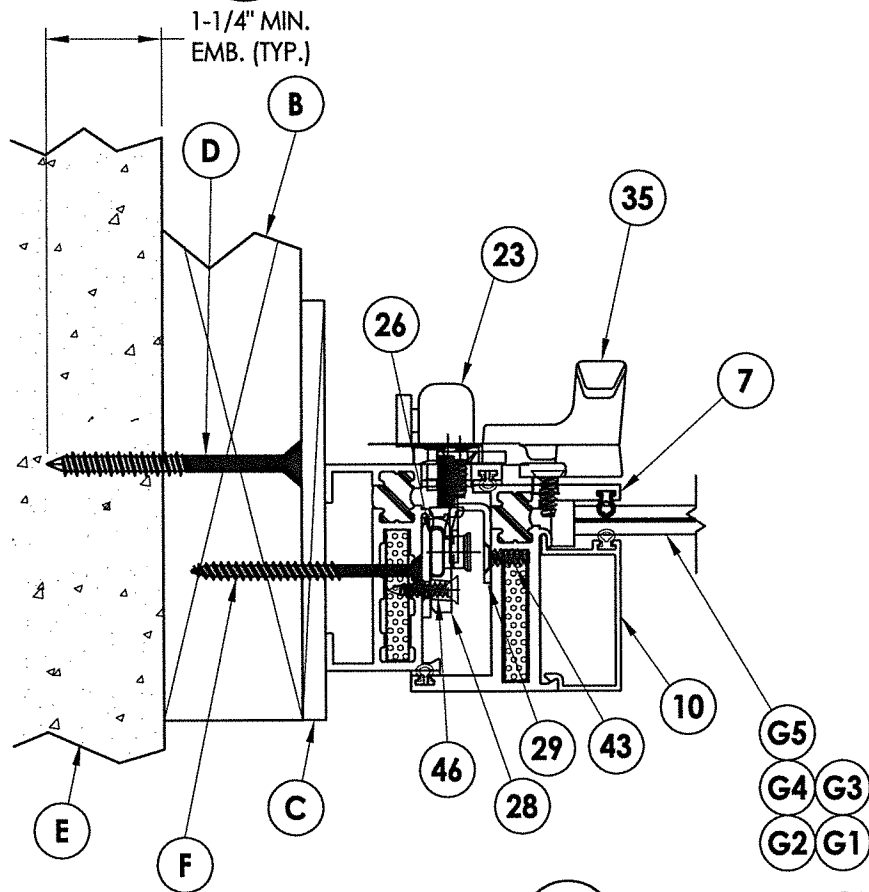
is Prepared By:  
 F. Schmidt  
 43409

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

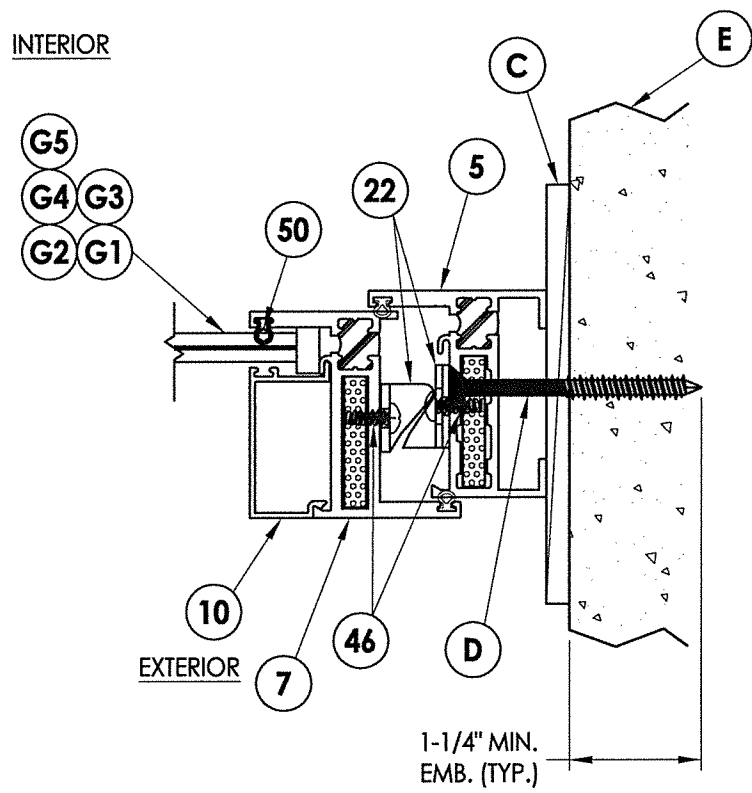
[illegible]



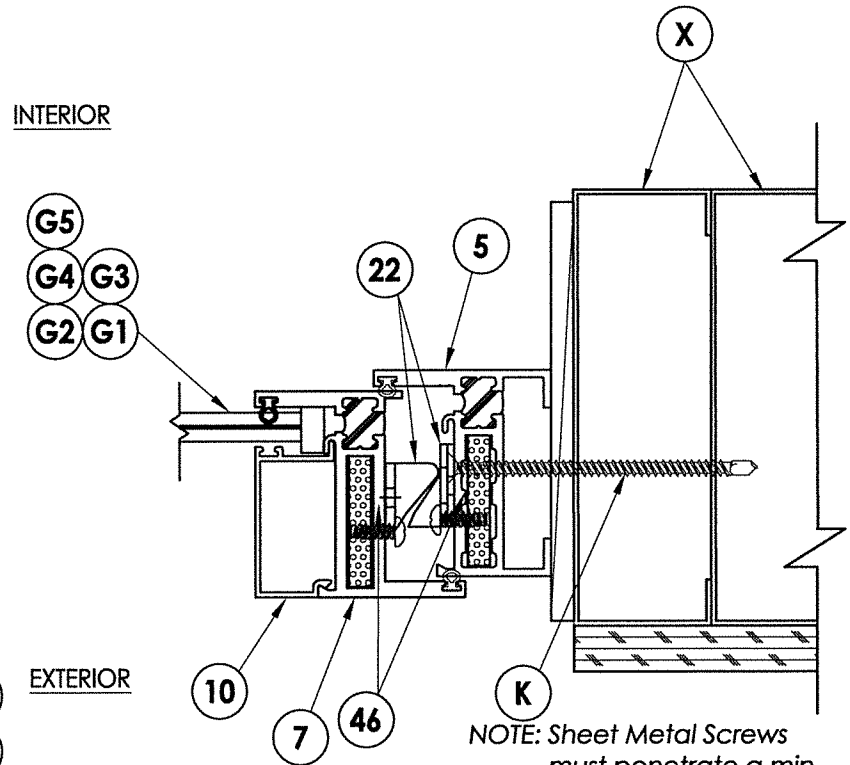
**2** **HORIZONTAL CROSS SECTION**  
**3** Shown w/ 1X Sub buck option



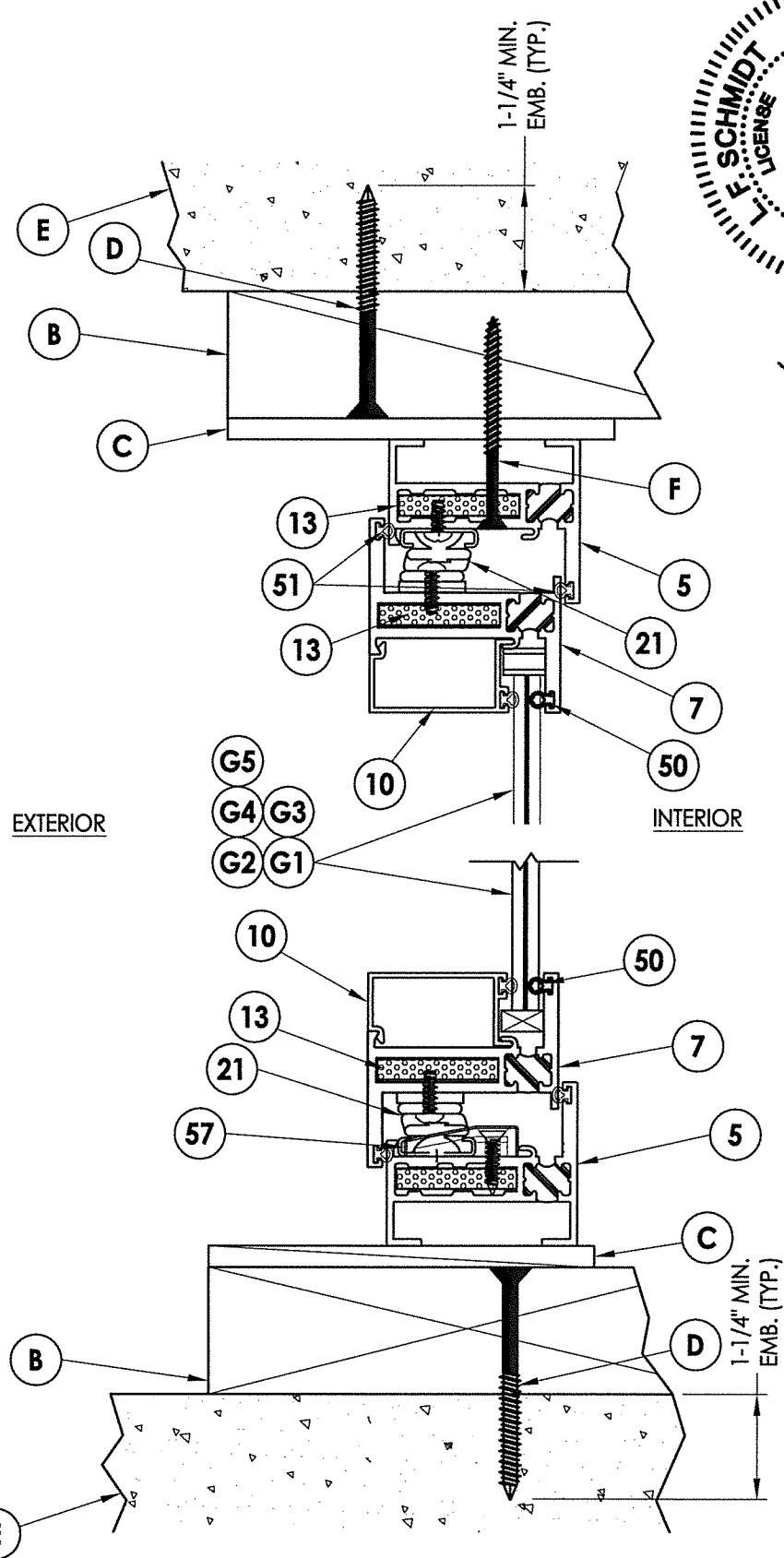
**1** **HORIZONTAL CROSS SECTION**  
**3** Show w/ 2X Buck and Steel Stud options



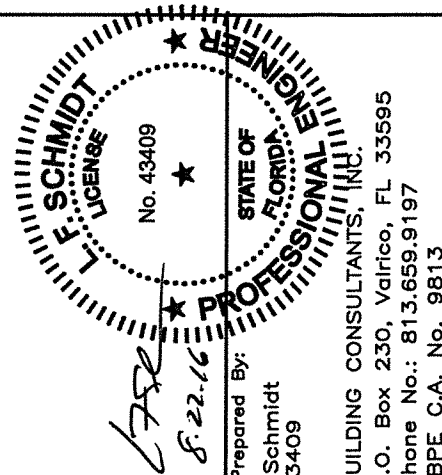
**3** **HORIZONTAL CROSS SECTION**  
**3** Shown w/ Direct to Masonry option



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



Documents Prepared By:  
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: HORIZONTAL AND VERTICAL CROSS SECTIONS		

NO.	DATE	REVISIONS	
		BY	DATE
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.

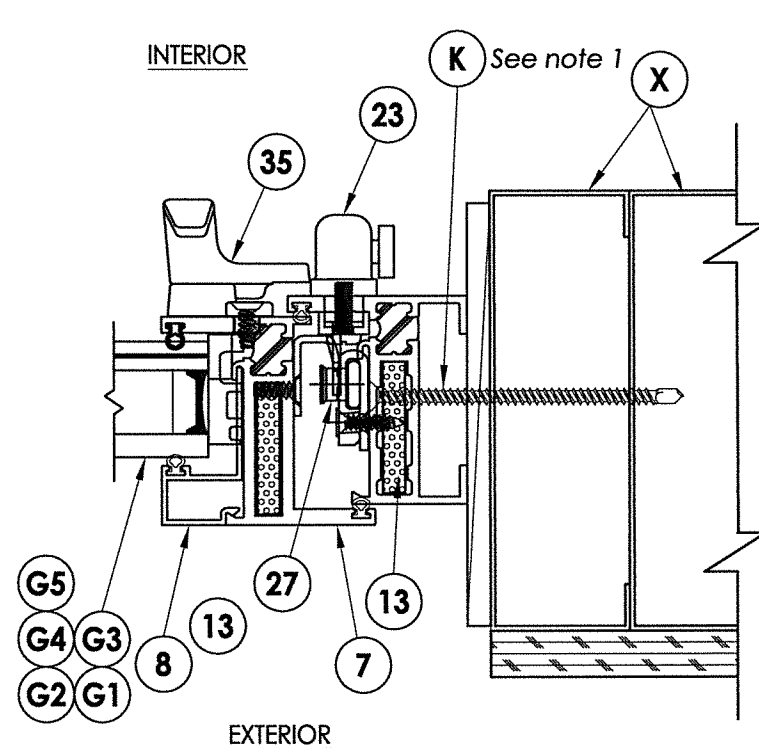
DWG. BY: JK

CHK. BY: LFS

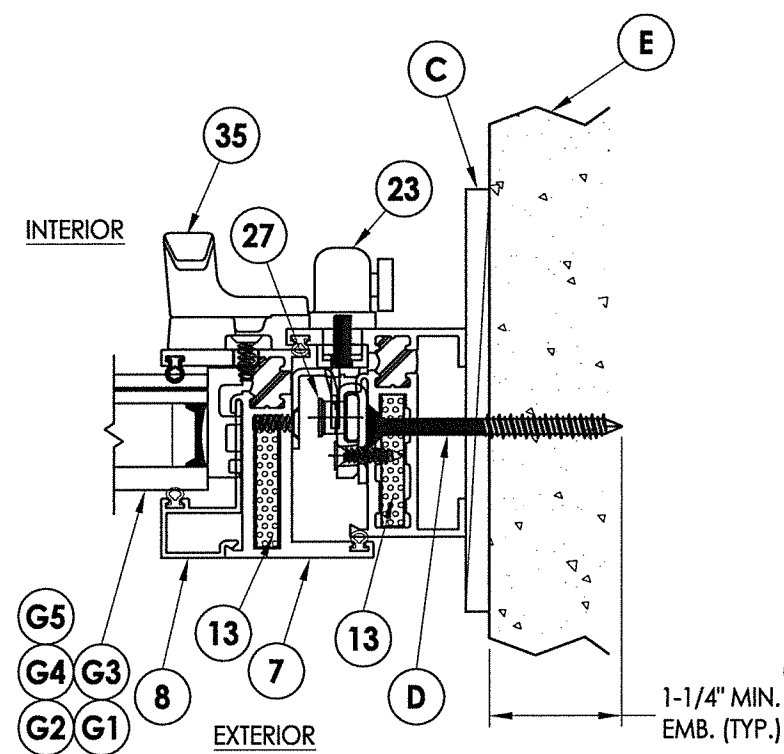
DRAWING NO.:

FL-14904.9

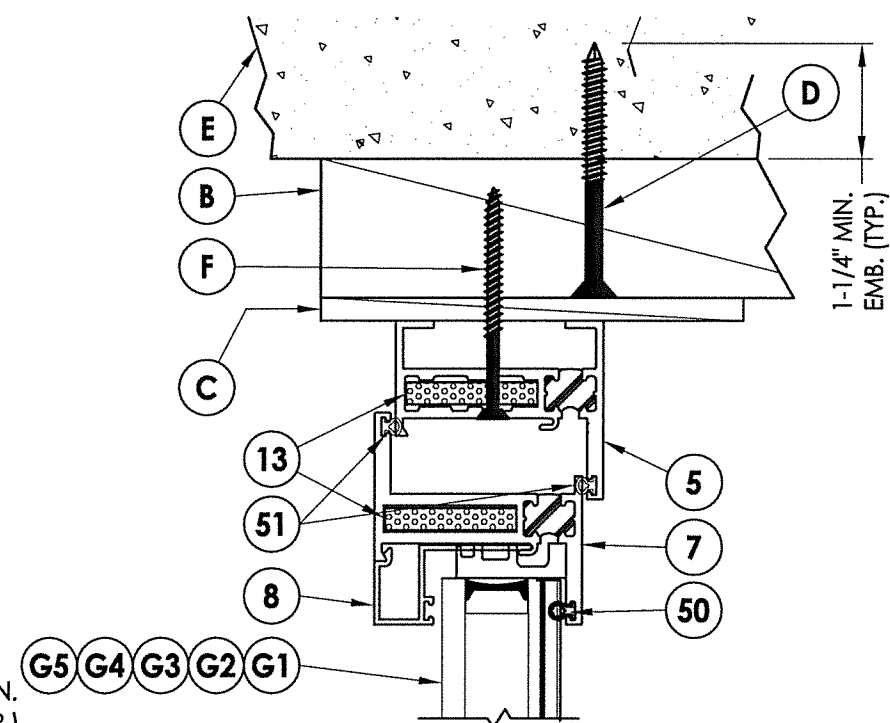
SHEET 3 OF 8



**3 HORIZONTAL CROSS SECTION**  
**4** Shown w/ Steel Stud option

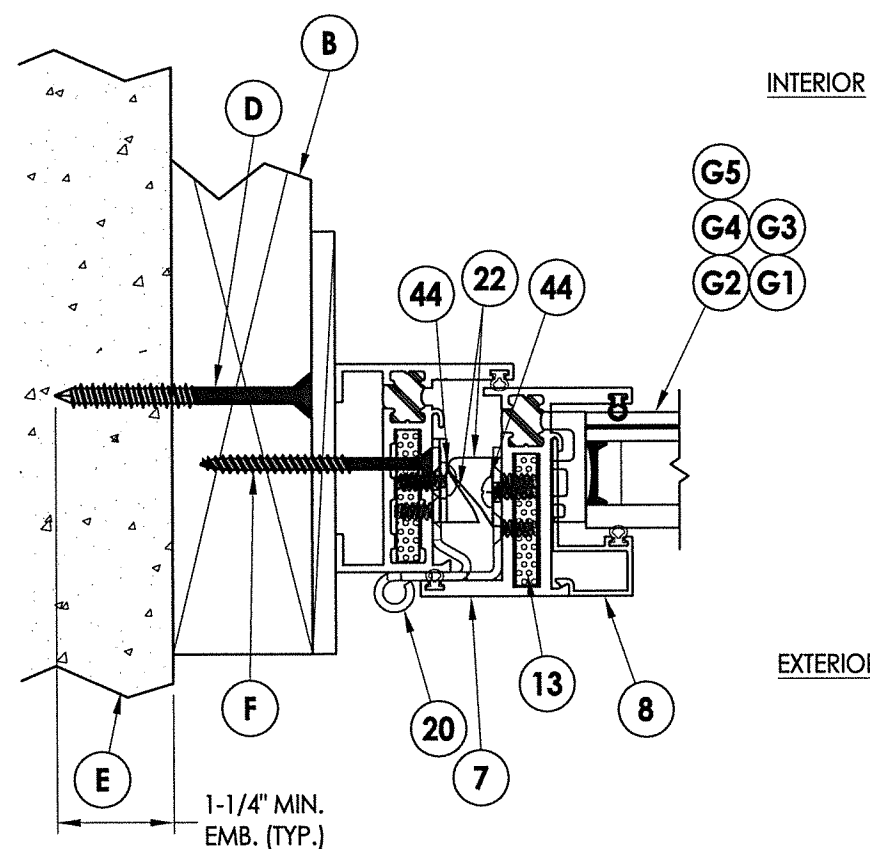


**4 HORIZONTAL CROSS SECTION**  
4 Shown w/ Direct to Masonry option

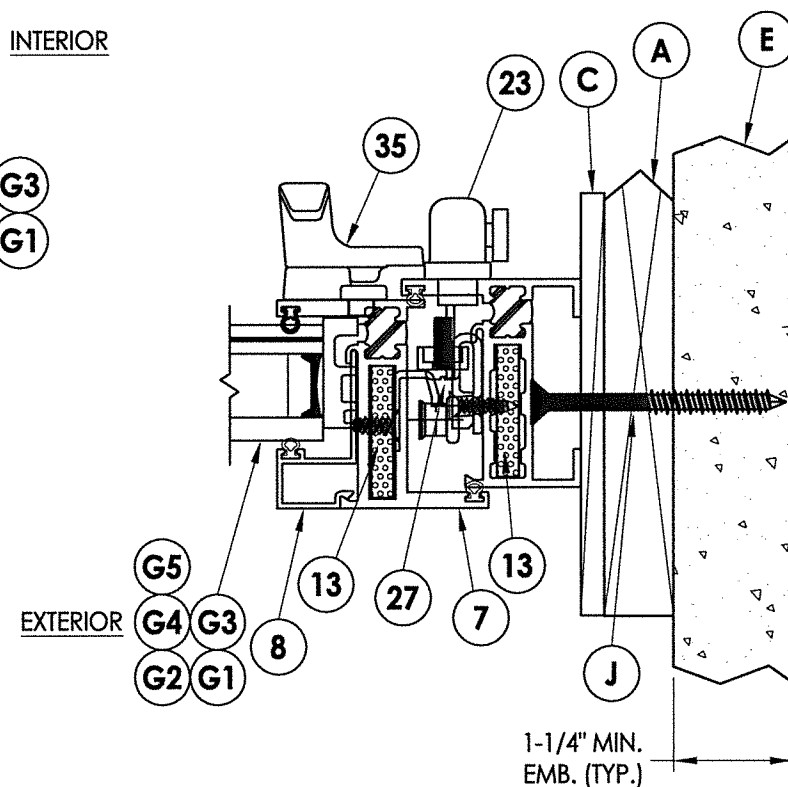


EXTERIOR

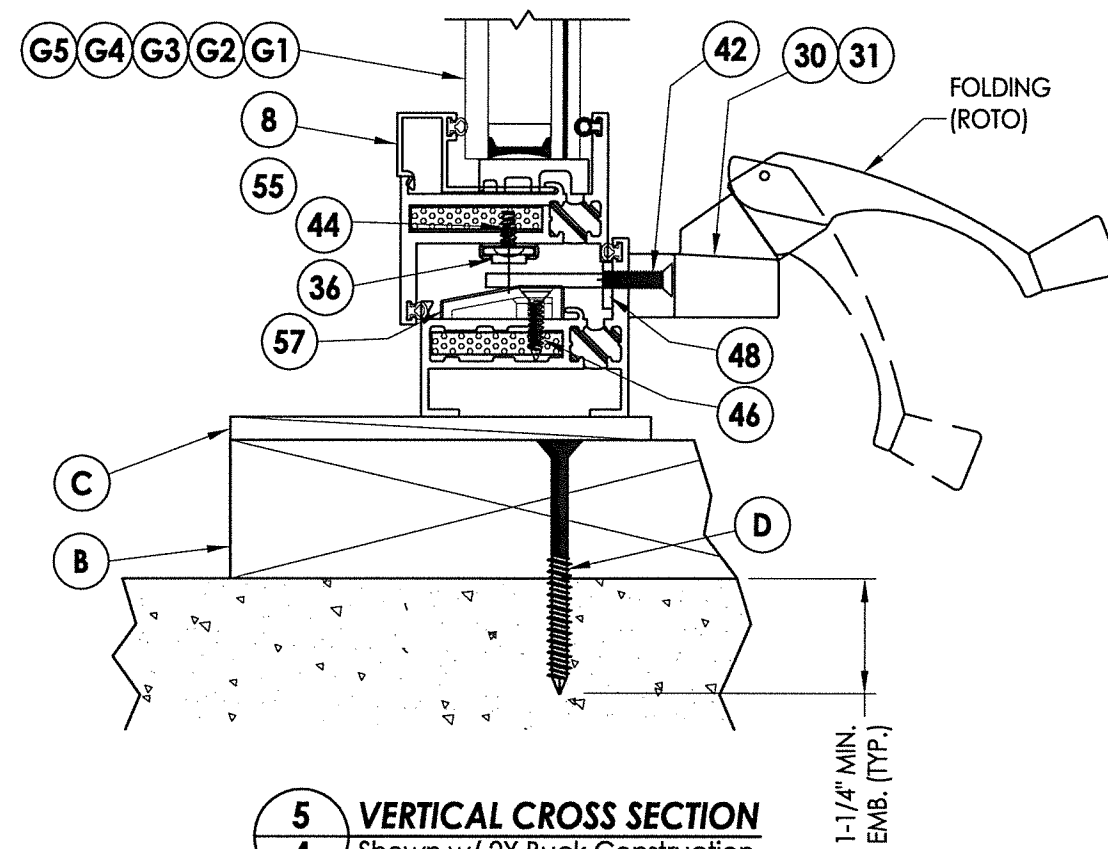
INTERIOR



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



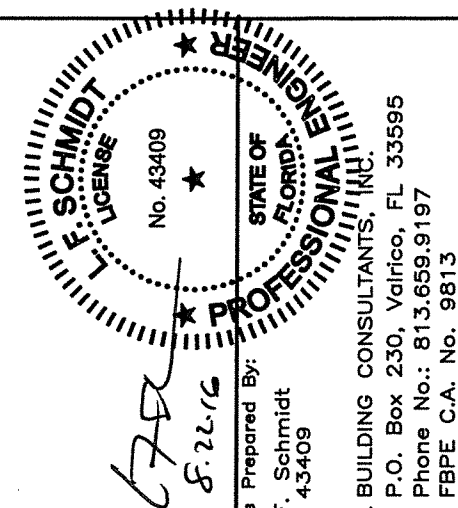
**2 HORIZONTAL CROSS SECTION**  
**4** Shown w/ 1X Sub buck option



**5 VERTICAL CROSS SECTION**  
**4** 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.



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

RW

**CONALE CONSULTANTS, INC.**  
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

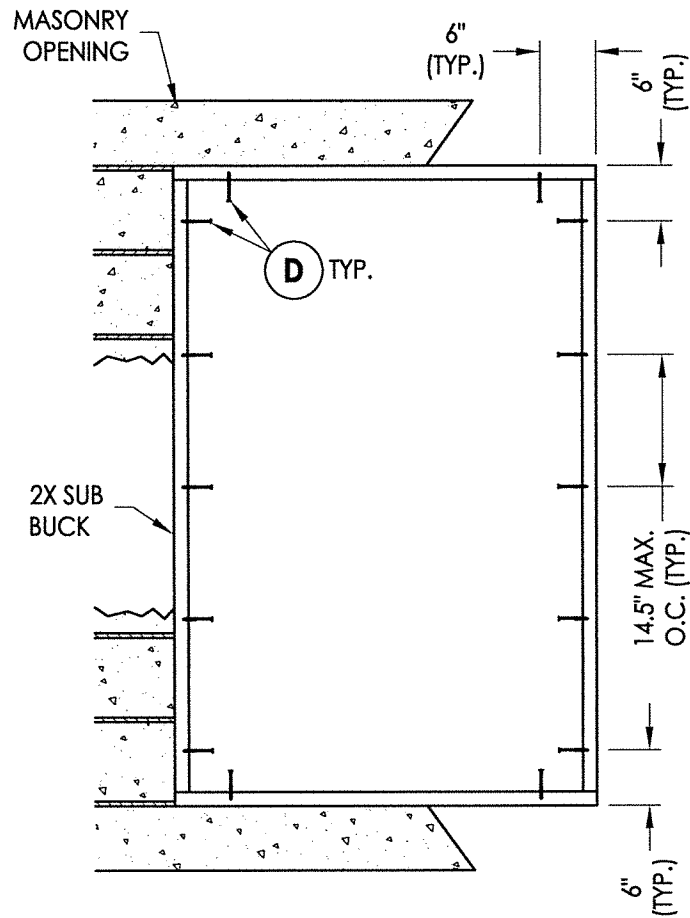
PART OR ASSEMBLY:  
HORIZONTAL AND VERTICAL  
CROSS SECTIONS

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

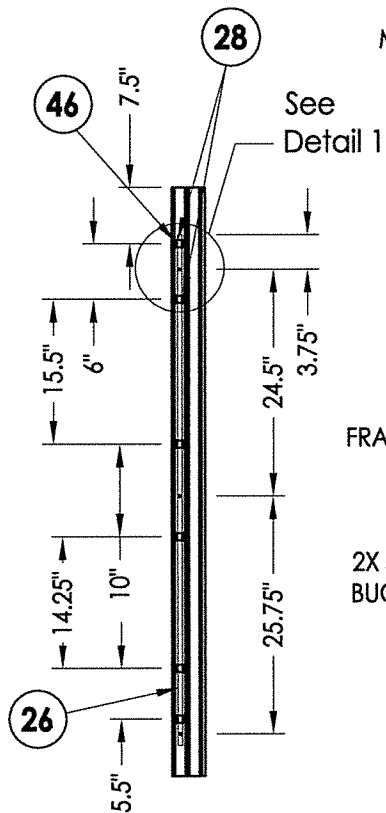
DATE:	10/23/13
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-14904.9
SHEET	4 OF 8



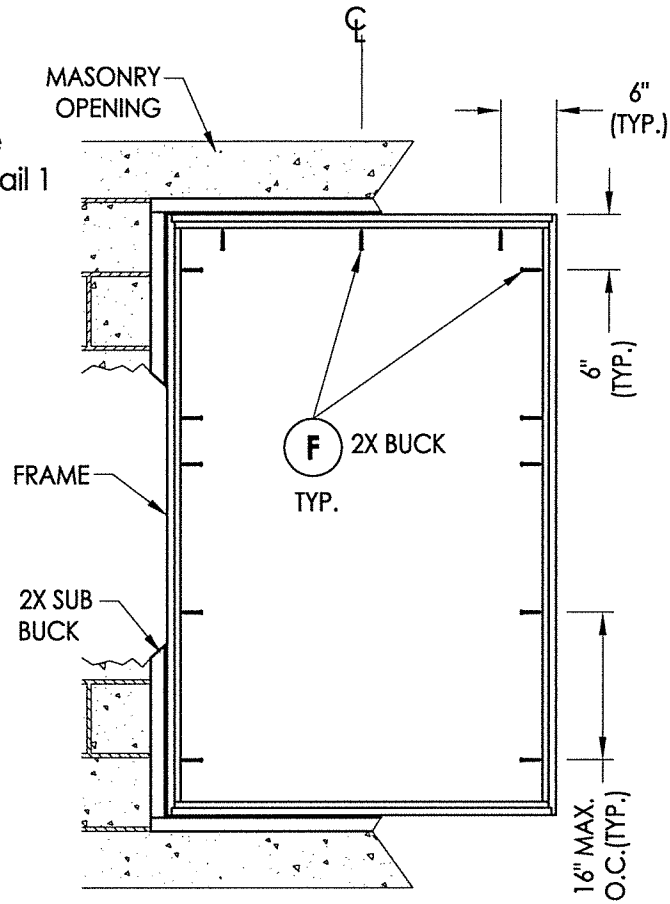
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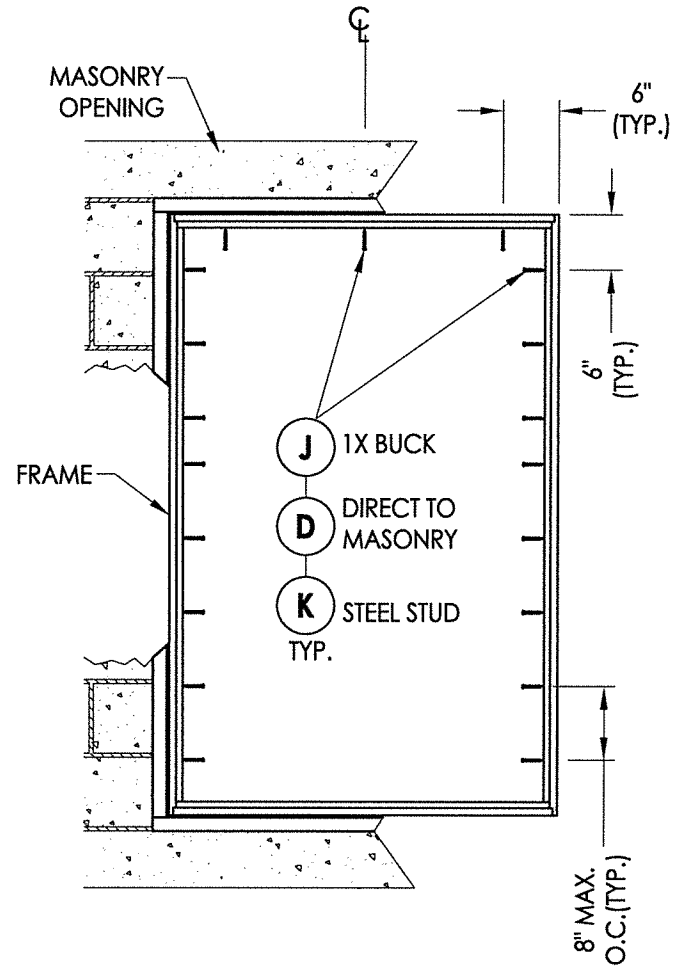
**2X BUCK ANCHORING**  
40.25" X 63.25" Max Size



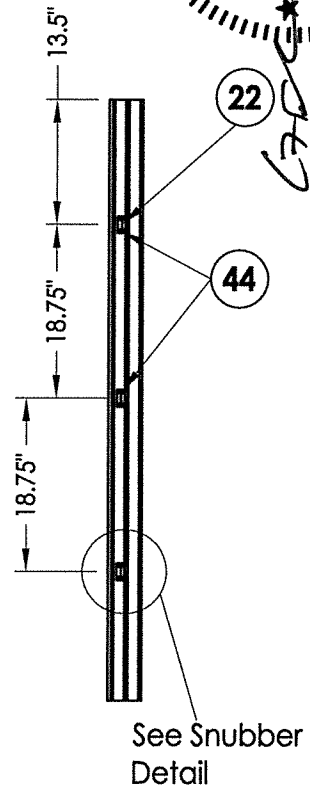
**LOCK JAMB**  
Locking Points (3)



**FRAME MOUNT ANCHORING**  
40.25" X 63.25" Max Size  
(2X BUCK)



**FRAME MOUNT ANCHORING**  
40.25" X 63.25" Max Size  
(1X BUCK, DIR. TO MASONRY, STEEL STUD)



**SNUBBERS JAMB**

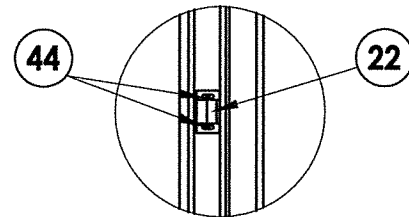
**CONCRETE ANCHOR NOTES:**

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. 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.
3. Concrete anchor table:

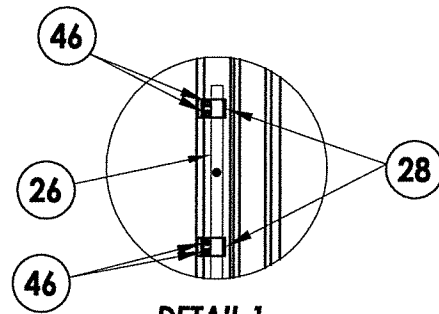
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
ELCO ULTRACON®	1/4"	1-1/4"	1"	4"

**WOOD SCREW INSTALLATION NOTES:**

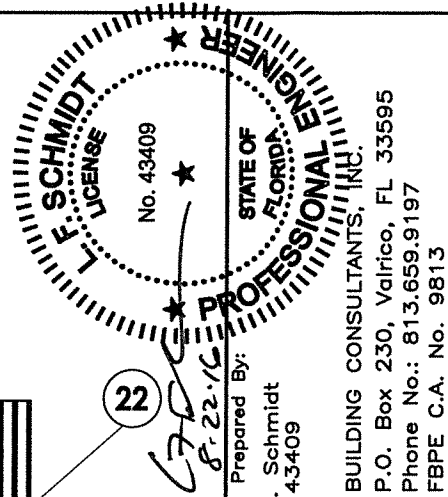
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



**SNUBBER DETAIL**



**DETAIL 1**

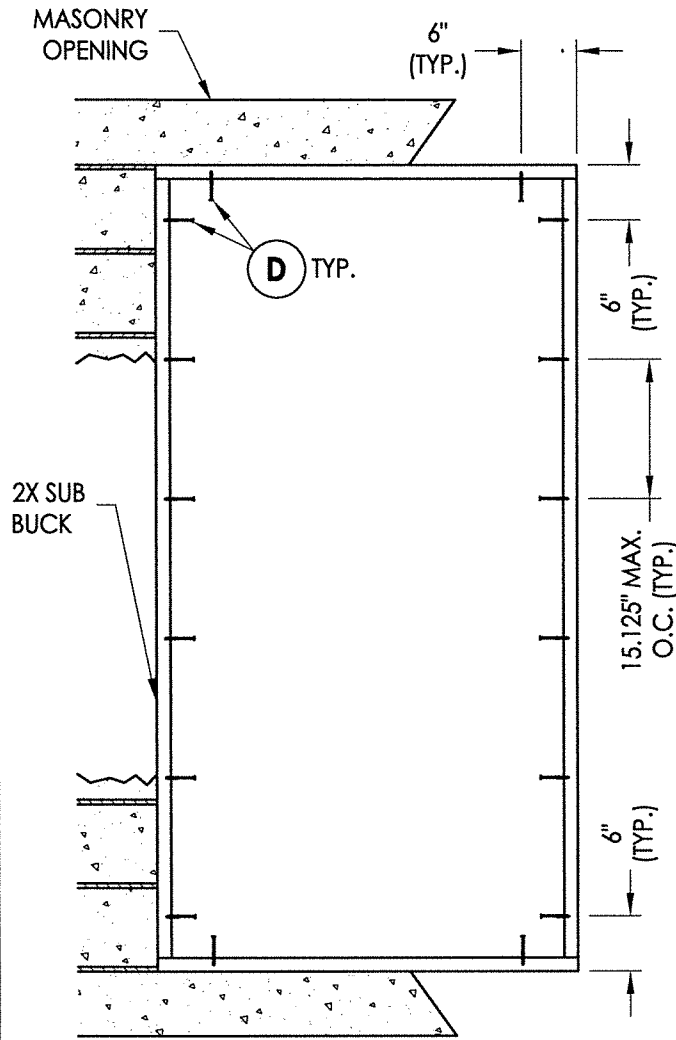


Documents Prepared By:  
Lyndon F. Schmidt  
P.E. No. 43409

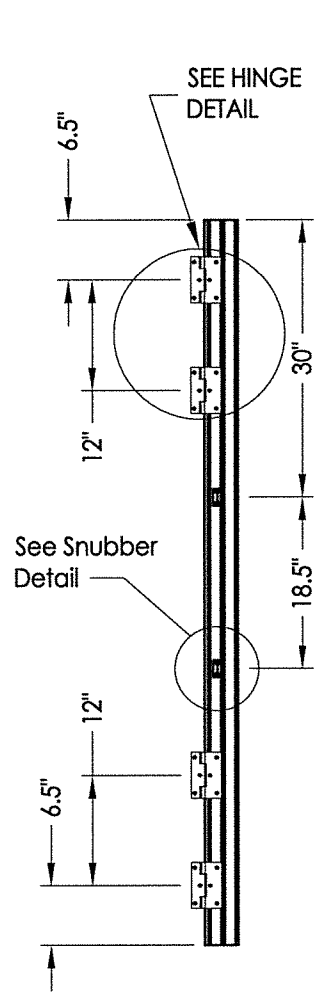
**RW BUILDING CONSULTANTS, INC.**  
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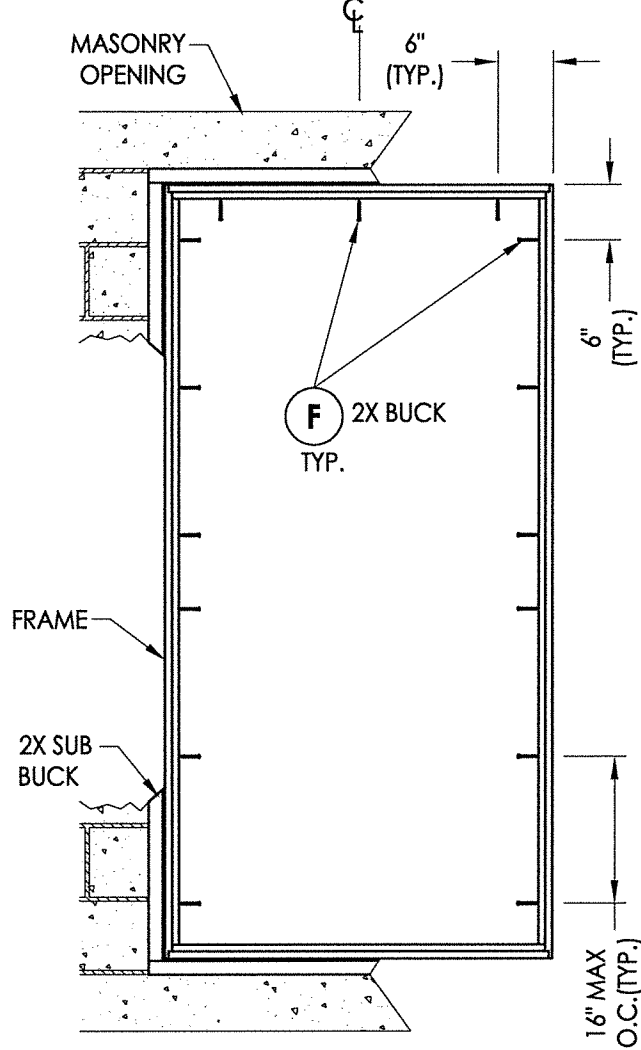
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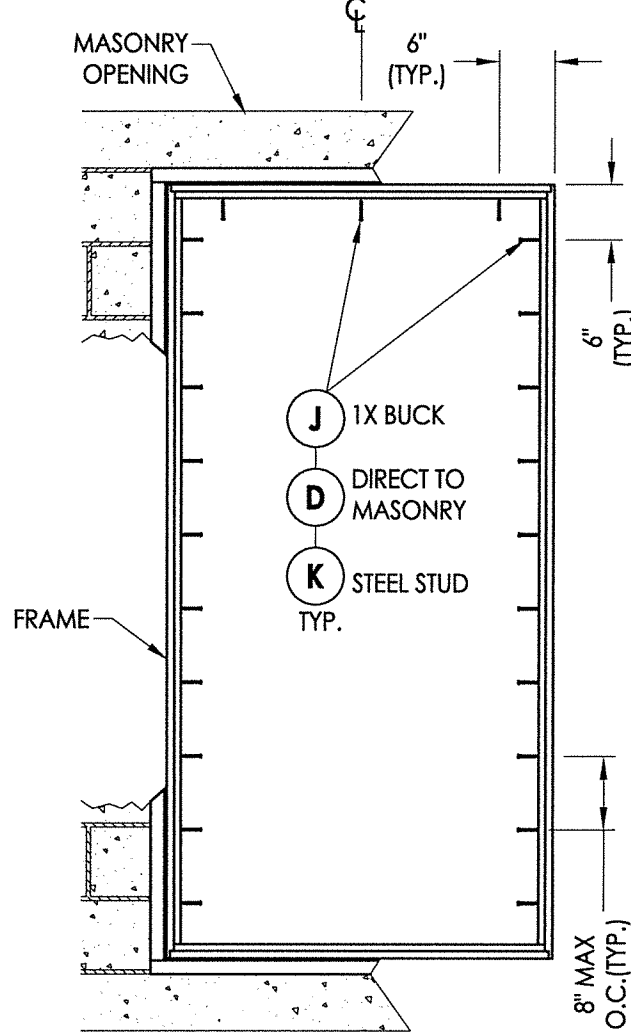
**2X BUCK ANCHORING**  
39.75" X 81.75" Max Size



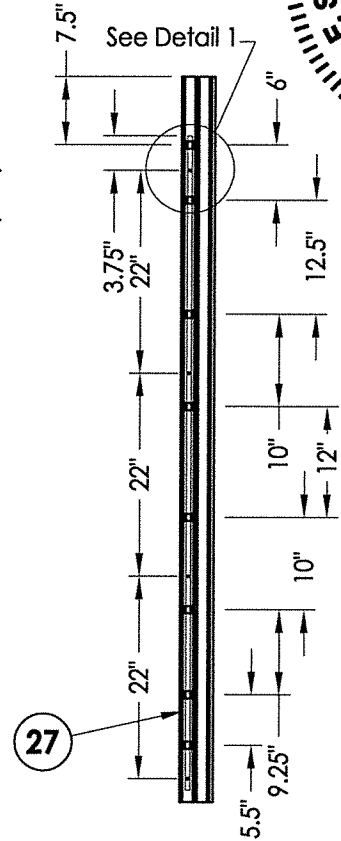
**HINGE JAMB**



**FRAME MOUNT ANCHORING**  
39.75" X 81.75" Max Size  
(2X BUCK)



**FRAME MOUNT ANCHORING**  
39.75" X 81.75" Max Size  
(1X BUCK, DIR. TO MASONRY, STEEL STUD)



**LOCK JAMB**  
Locking Points (4)

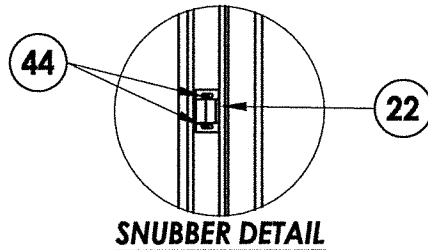
**CONCRETE ANCHOR NOTES:**

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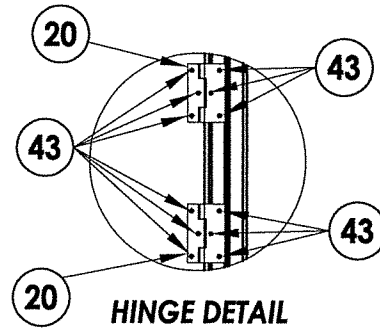
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
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**WOOD SCREW INSTALLATION NOTES:**

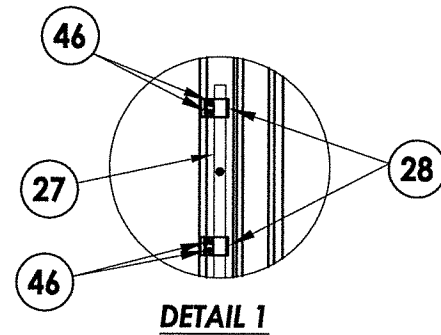
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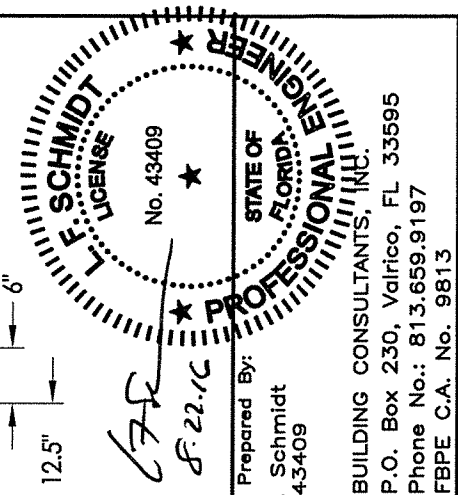
**SNUBBER DETAIL**



**HINGE DETAIL**



**DETAIL 1**



Documents Prepared By:  
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

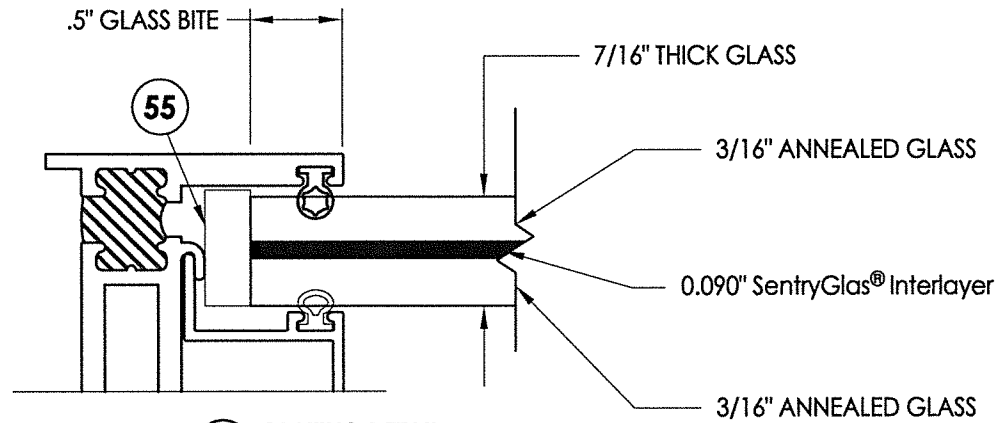
PRODUCT:  
FLEETWOOD WINDOWS AND DOORS

PART OR ASSEMBLY:  
BUCK & FRAME ANCHORING

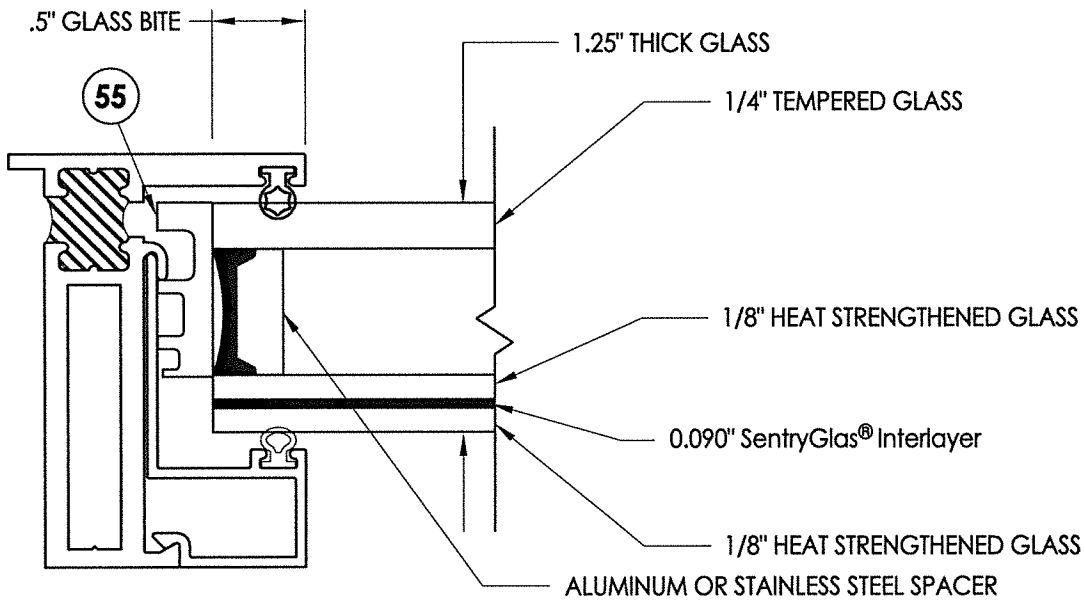
NO.	DATE	REVISIONS
2	8/22/16	Renumber Drawings
1	1/22/15	UPDATE TO 5TH ED. (2014) FBC

DATE: 10/23/13  
SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS  
DRAWING NO.: FL-14904.9  
SHEET 6 OF 8

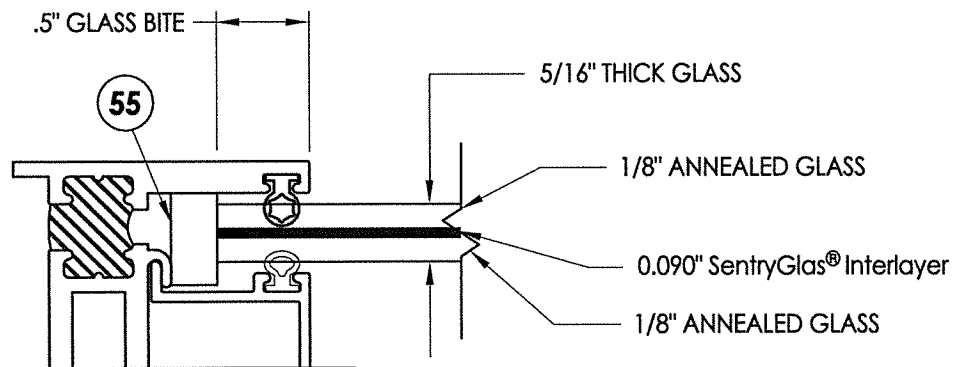
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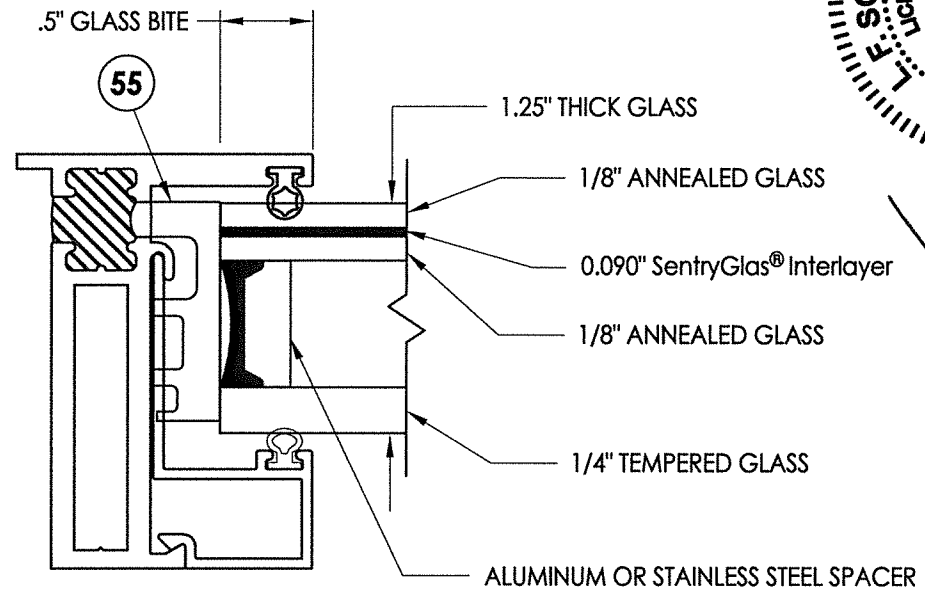
**G3** GLAZING DETAIL



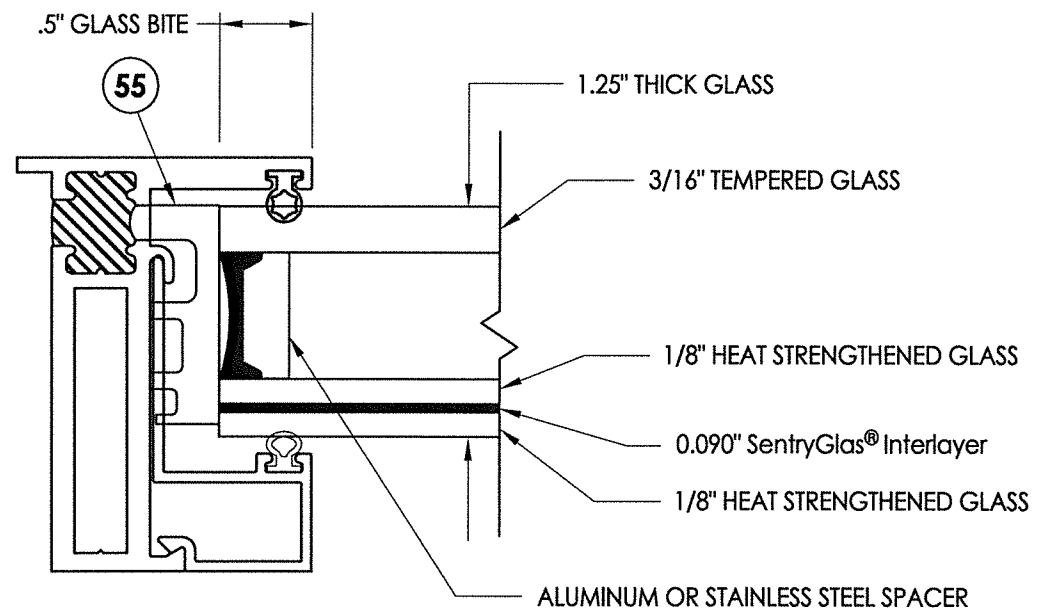
**G2** GLAZING DETAIL



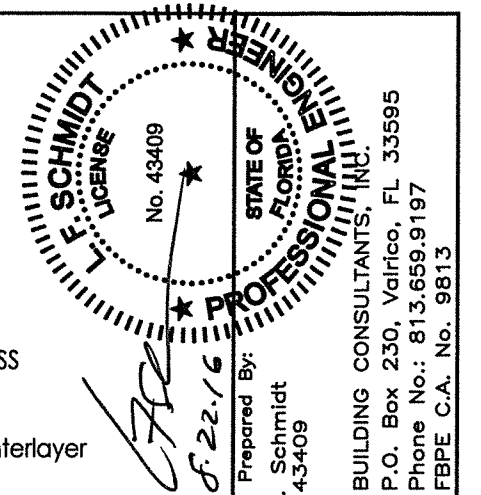
**G4** GLAZING DETAIL



**G1** GLAZING DETAIL



**G5** GLAZING DETAIL

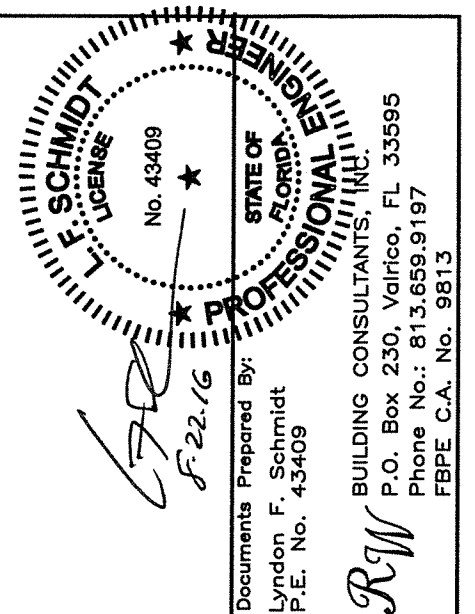


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P.O. Box 230, Valrico, FL 33595  
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FBPE C.A. No. 9813

PRODUCT:		FLEETWOOD WINDOWS AND DOORS		PART OR ASSEMBLY:		GLAZING DETAILS	
				LFS	LFS	BY	
				2	8/22/16	Renumber Drawings	
				1	1/22/15	UPDATE TO 5TH ED. (2014)	FBC
				NO	DATE		
REVISIONS							
DATE: 10/23/13							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-14904.9							
SHEET 7 OF 8							

## BILL OF MATERIALS



DATE: 10/23/13		PRODUCT:		FLEETWOOD WINDOWS AND DOORS
SCALE: N.T.S.				
DWG. BY: JK				
CHK. BY: LFS				
DRAWING NO.: FL-14904.9				
SHEET 8 OF 8		PART OR ASSEMBLY:		BILL OF MATERIALS AND COMPONENTS
		LFS		
		Renumber Drawings		
		UPDATE TO 5TH ED. (2014)		
		FBC		
NO. DATE		BY		REVISIONS