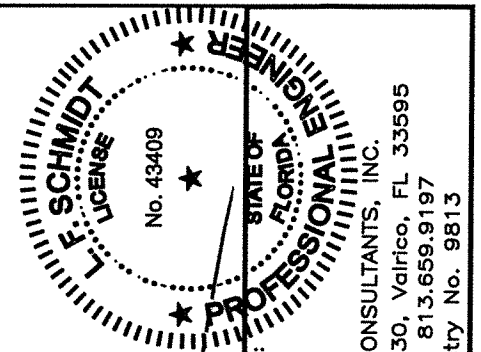
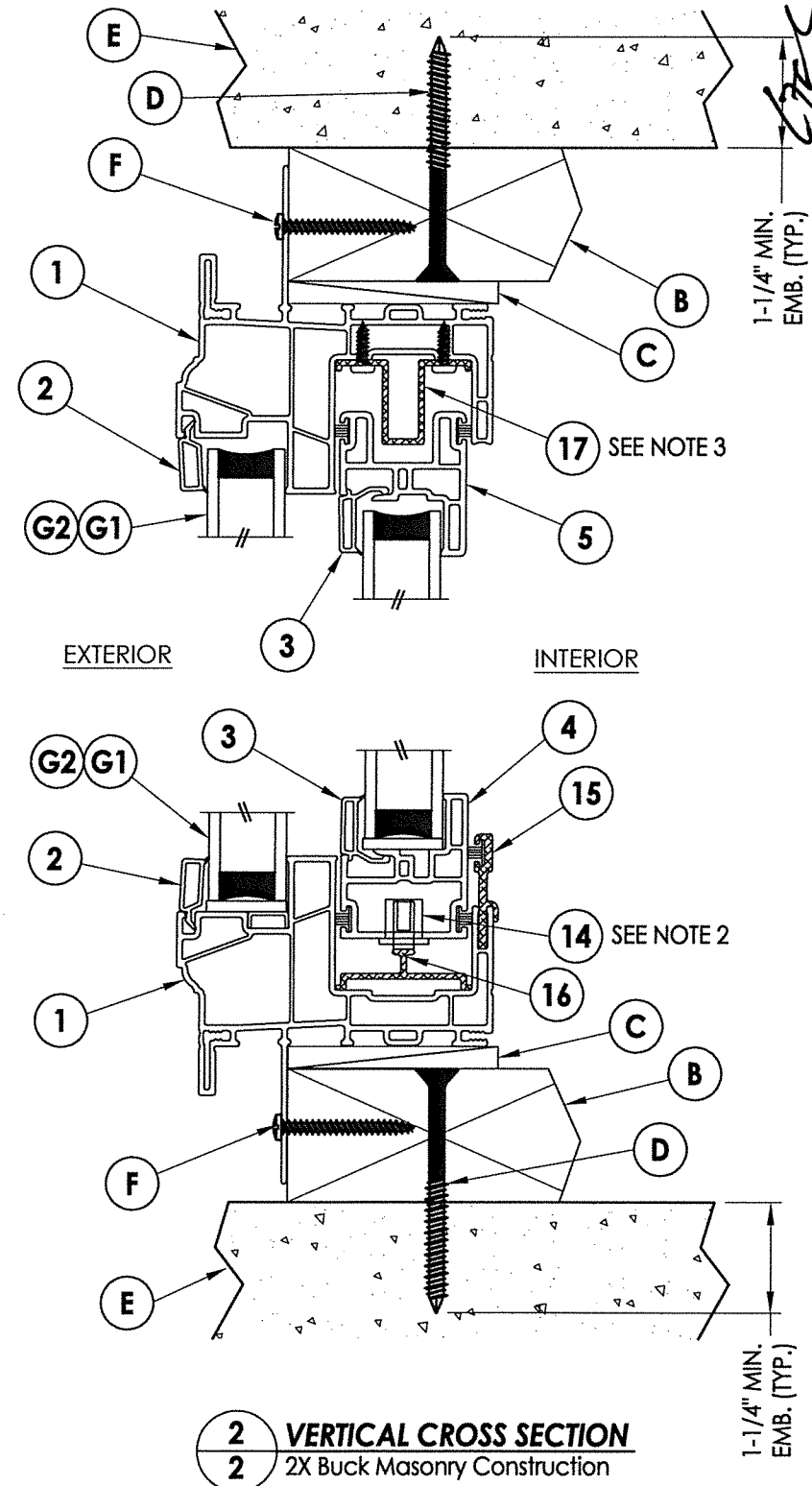
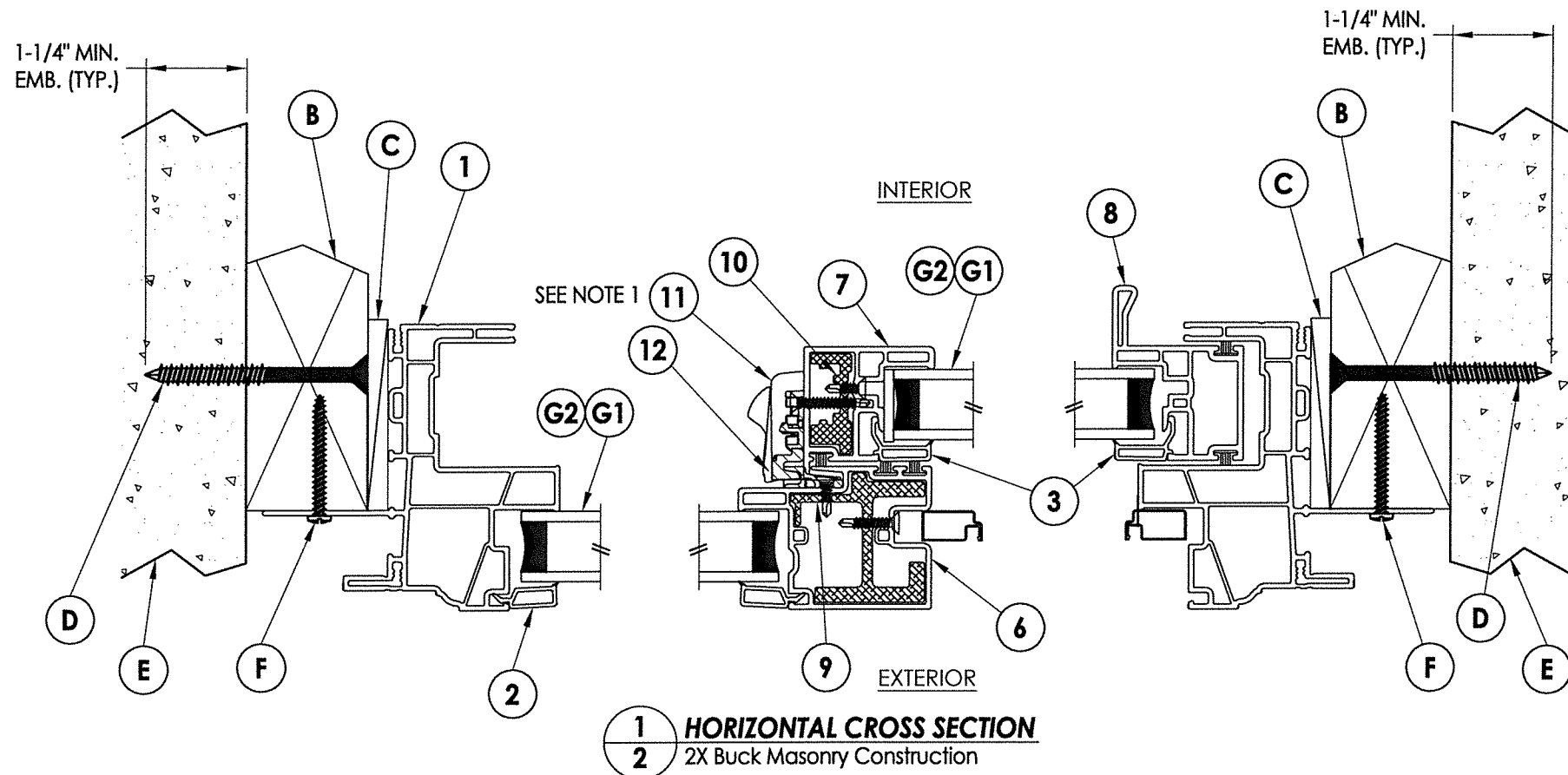


1. Lock and keeper located 7" from each end of lock/meeting stile.
2. Metal roller assembly located 2" from each end of the bottom rail.
3. Anti-lift secured to head with (6) #6 x 1/2" PPH SMS.



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 Registry No. 9813

PRODUCT: NewSouth

PART OR ASSEMBLY:
**VERTICAL & HORIZONTAL
CROSS SECTIONS**

3	7/30/20	UPDATE TO 7TH ED. (2020)	FBC	DAC
2	9/22/17	UPDATE TO 6TH ED. (2017)	FBC	JK
1	6/25/15	UPDATE TO 5TH ED. (2014)	FBC	LFS
NO.	DATE			BY
				REVISIONS

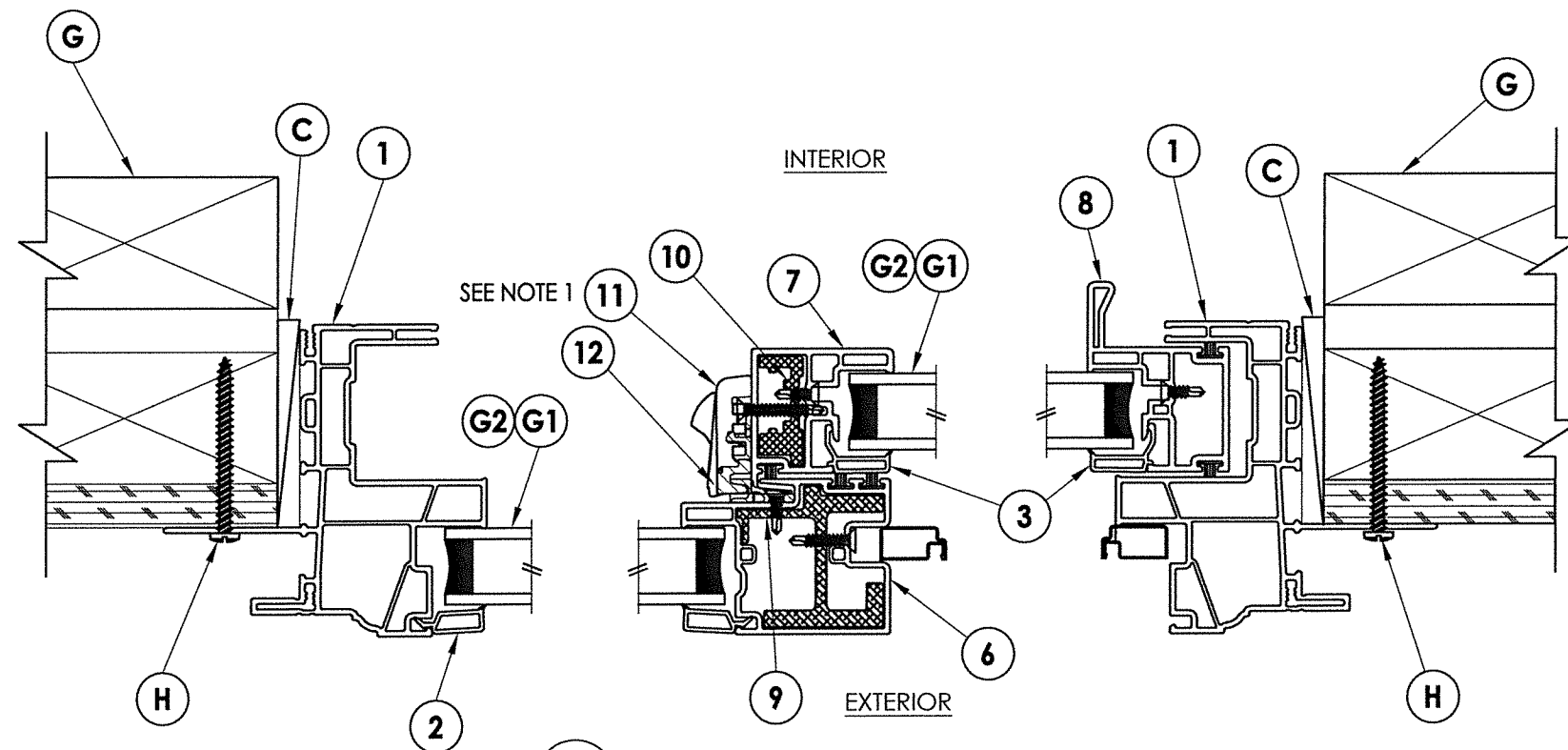
FL-16842.1

© 2014 R.W. BUILDING CONSULTANTS INC.

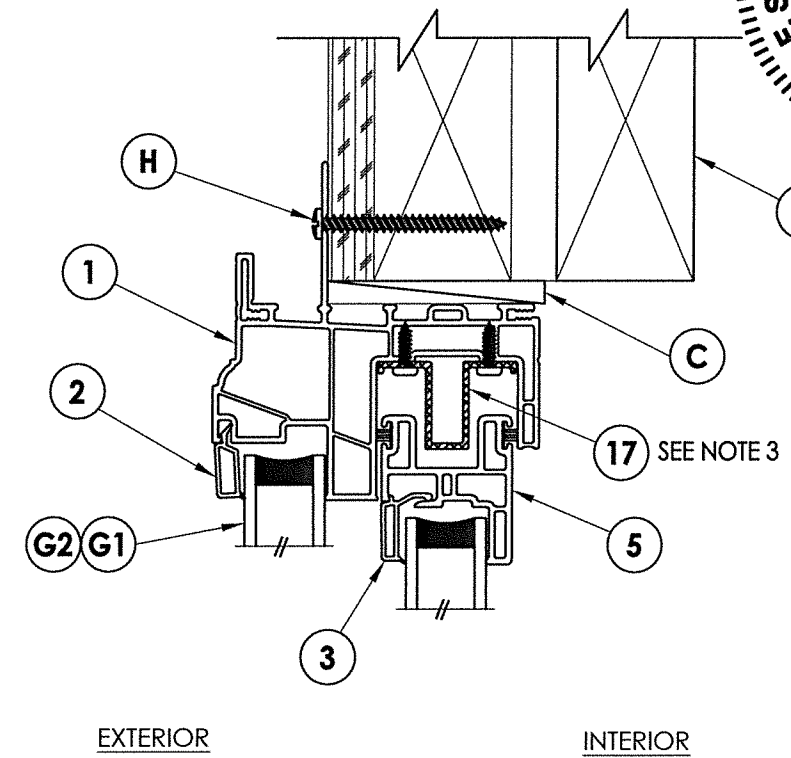
1. Lock and keeper located 7" from each end of lock/meeting stile.
2. Metal roller assembly located 2" from each end of the bottom rail.
3. Anti-lift secured to head with (6) #6 x 1/2" PPH SMS.

NOTE: Sheet Metal Screws must be installed at a min. of 3 threads through m... (maintain a min. 3/8" edge dis...

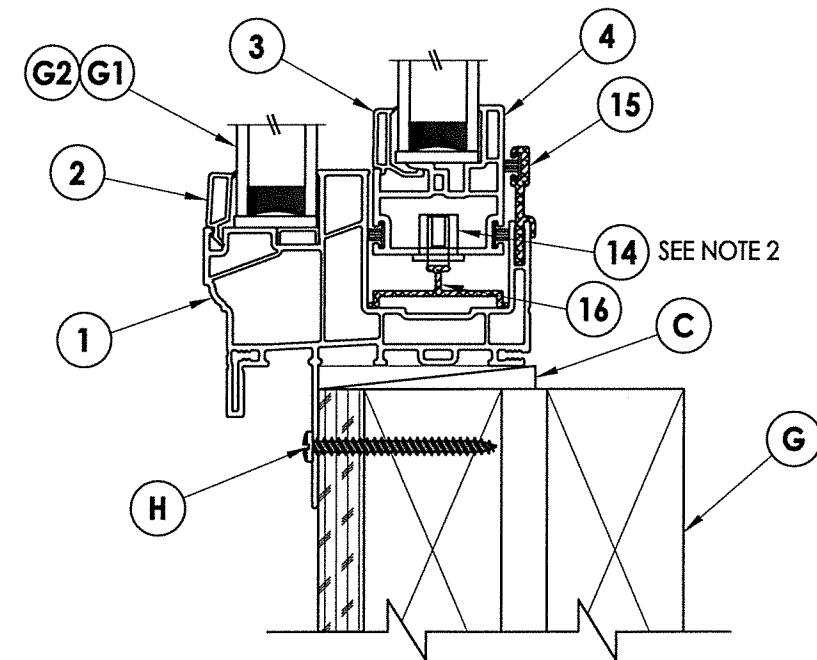
3 HORIZONTAL CROSS SECTION
3 Shown w/ Steel Stud Framing Option



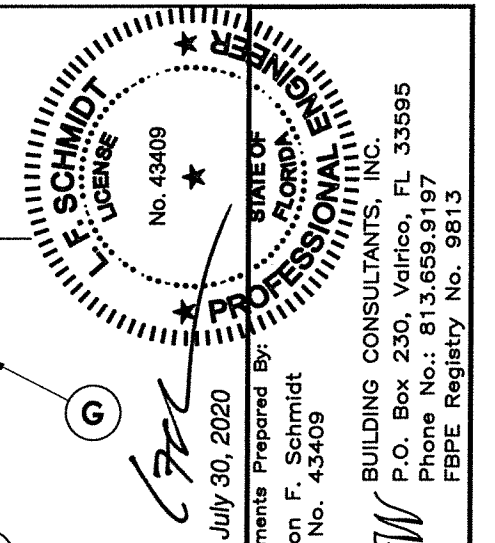
1 HORIZONTAL CROSS SECTION
3 2X Stud Construction



2 VERTICAL CROSS SECTION
3 2X Stud Construction



2 VERTICAL CROSS SECTION
3 2X Stud Construction



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 Registry No. 9813

DATE: 2/17/14		PRODUCT: NewSouth PART OR ASSEMBLY: VERTICAL & HORIZONTAL CROSS SECTIONS																	
SCALE: N.T.S.																			
DWG. BY: JK																			
CHK. BY: LFS																			
DRAWING NO.: FL-16842.1																			
SHEET 3 OF 6		REVISIONS <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>7/30/20</td> <td>UPDATE TO 7TH ED. (2020)</td> <td>FBC</td> </tr> <tr> <td>2</td> <td>9/22/17</td> <td>UPDATE TO 6TH ED. (2017)</td> <td>JK</td> </tr> <tr> <td>1</td> <td>6/25/15</td> <td>UPDATE TO 5TH ED. (2014)</td> <td>FBC</td> </tr> </tbody> </table>		NO.	DATE	DESCRIPTION	BY	3	7/30/20	UPDATE TO 7TH ED. (2020)	FBC	2	9/22/17	UPDATE TO 6TH ED. (2017)	JK	1	6/25/15	UPDATE TO 5TH ED. (2014)	FBC
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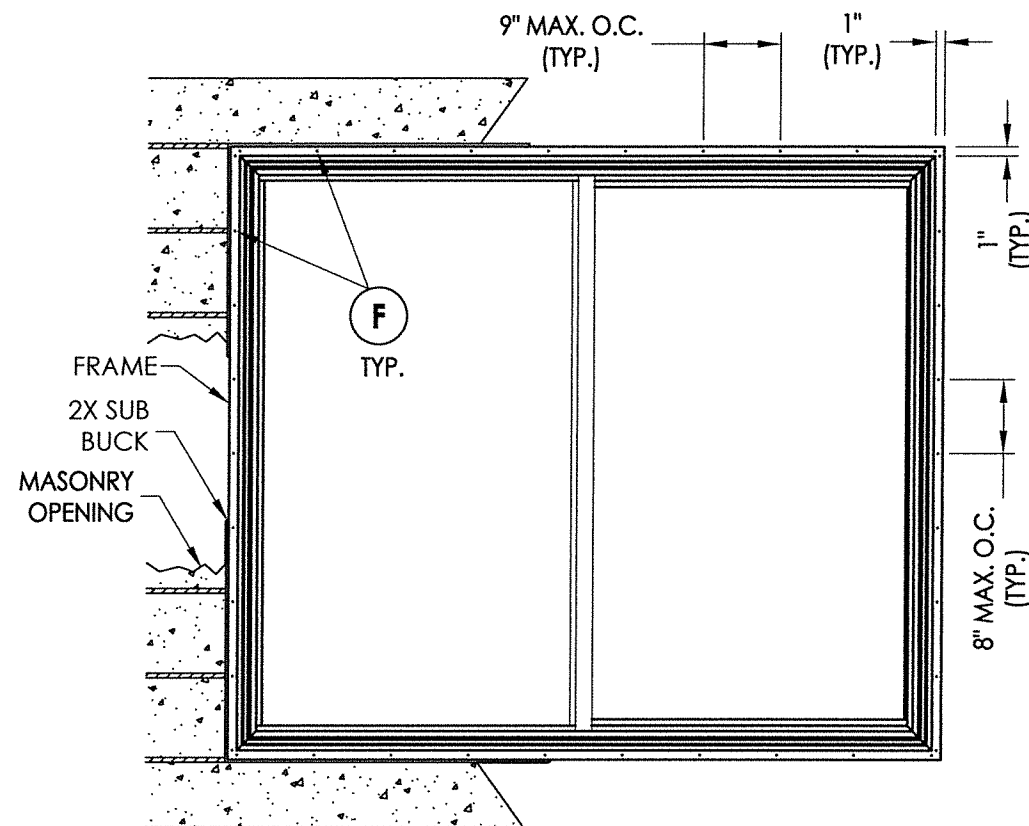
CONCRETE ANCHOR NOTES:

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 ULTRA CON®	1/4"	1-1/4"	1"	4"

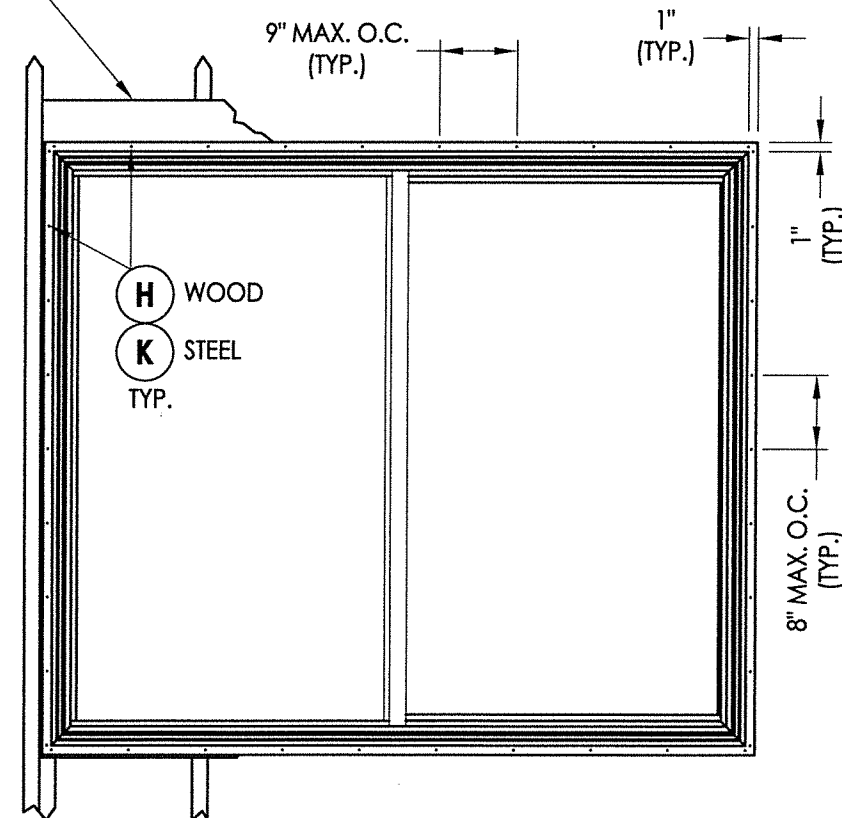
WOOD SCREW INSTALLATION NOTES:

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

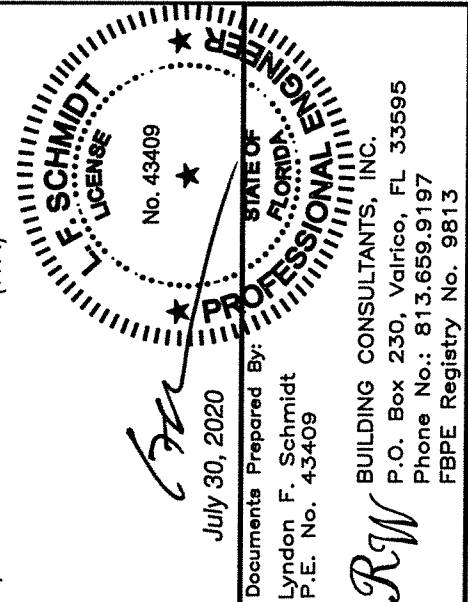


FRAME ANCHORING
2X Buck Masonry
Construction

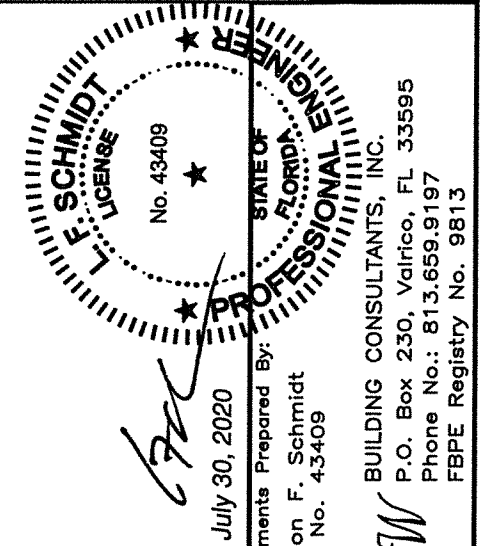
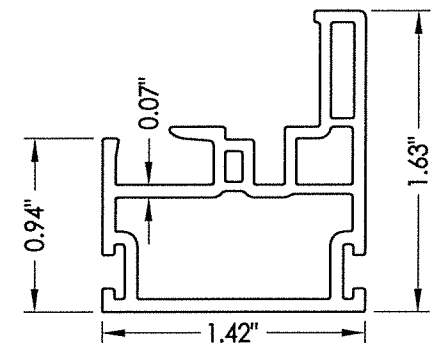
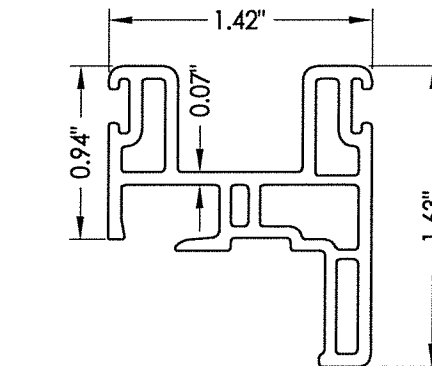
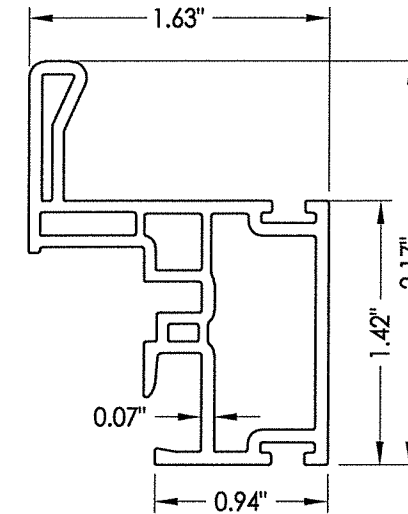
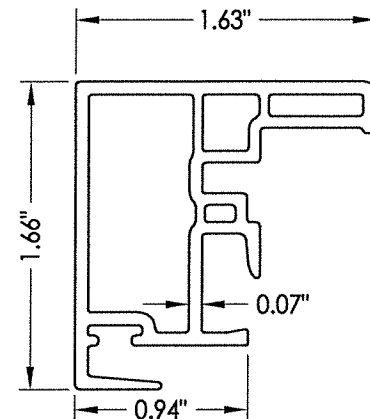
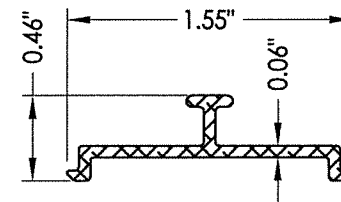
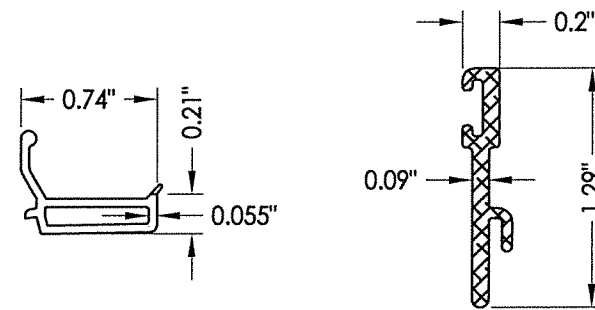
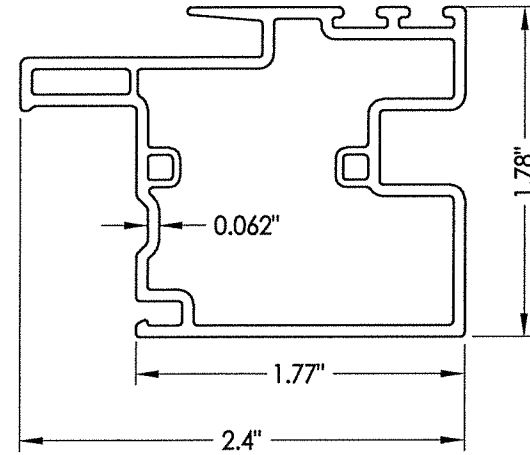
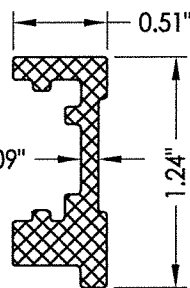
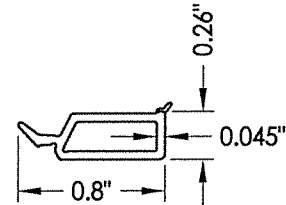
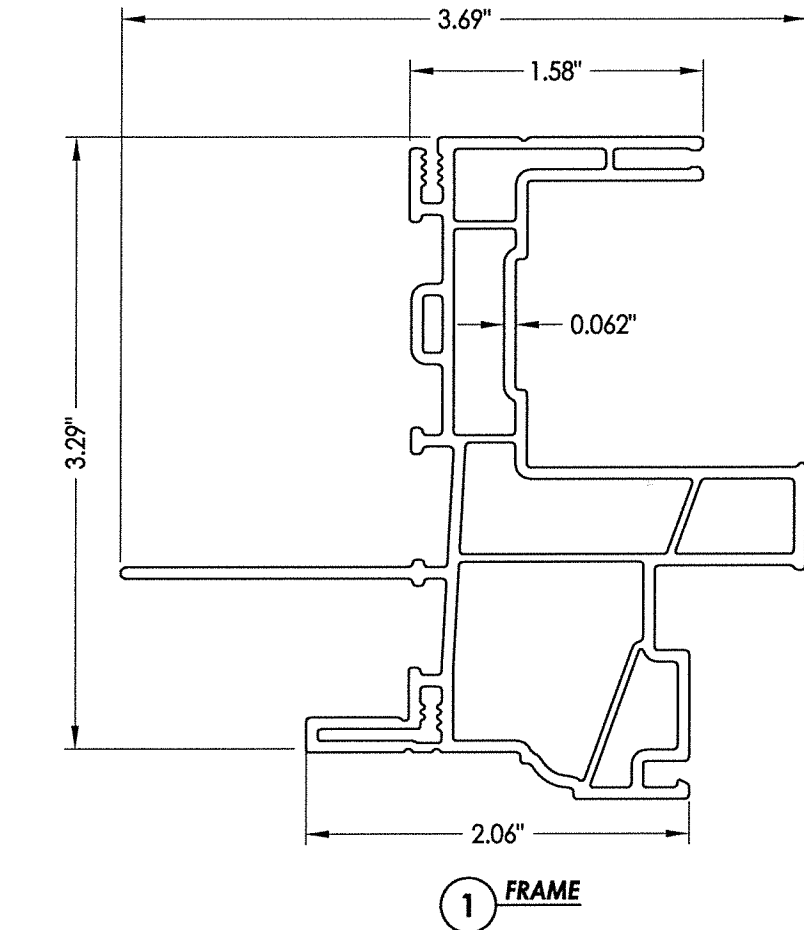
2X/STEEL STUD FRAMING TO BE DESIGNED
BY THE ENGINEER OR ARCHITECT
OF RECORD BASED ON WIND LOADS
AND THE CLADDING BEING USED.



FRAME ANCHORING Stud Construction



DATE: 2/17/14		PRODUCT: NewSouth	
SCALE: N.T.S.		PART OR ASSEMBLY: BUCK & FRAME ANCHORING	
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-16842.1			
SHEET 4 OF 6			



DATE: 2/17/14		PRODUCT: NewSouth	
SCALE: N.T.S.		PART OR ASSEMBLY:	
DWG. BY: JK		COMPONENTS	
CHK. BY: LFS			
DRAWING NO.: FL-16842.1			
SHEET 5 OF 6			

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#6 X 1-1/2" PPH SMS (1-3/8" MIN. EMBEDMENT)	STEEL
G	2X STUD (SG >= 0.42)	WOOD
H	#6 X 2" PPH SMS (1-3/8" MIN. EMBEDMENT)	STEEL
J	STEEL STUD Min. Thk .033" (ASTM A653 GRADE 33 Fy=33 ksi min., Fu=45 ksi min.)	STEEL
K	#10 PPH SELF-DRILLING SMS	STEEL
1	EXTRUDED VINYL FRAME (437)*	RIGID PVC
2	EXTRUDED VINYL GLAZING BEAD (736A)*	RIGID PVC
3	EXTRUDED VINYL GLAZING BEAD (425A) *	RIGID PVC
4	BOTTOM RAIL (424B)*	RIGID PVC
5	TOP RAIL (478)*	RIGID PVC
6	MEETING STILE (477)*	RIGID PVC
7	LOCK STILE (476)*	RIGID PVC
8	HANDLE STILE (475B)*	RIGID PVC
9	MEETING STILE REINFORCEMENT	6063 - T5 ALUM
10	LOCK STILE REINFORCEMENT	6063 - T5 ALUM
11	SASH LOCK	-
12	KEEPER	-
14	ROLLER (TRUTH #2433-1000)	-
15	SILL RISER	6063 - T5 ALUM
16	ROLLER TRACK	6063 - T5 ALUM
17	ANTI-LIFT ALUMINUM	6063 - T5 ALUM
20	WEATHERSTRIP (.187" X .290")	-

* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".

