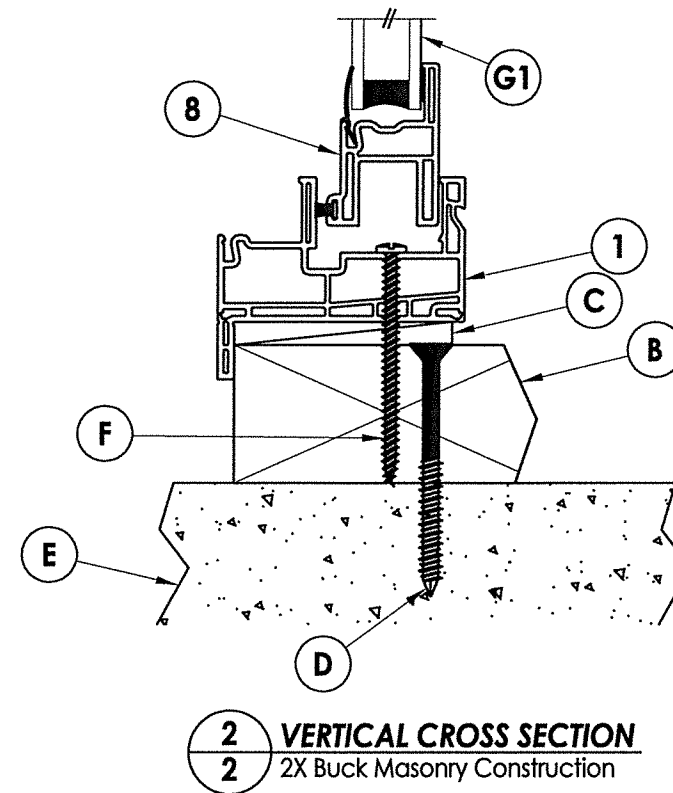
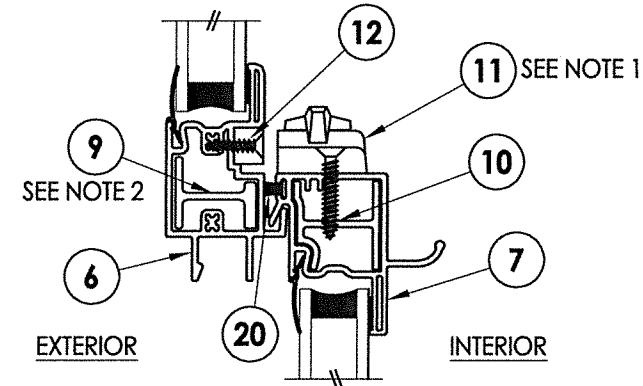
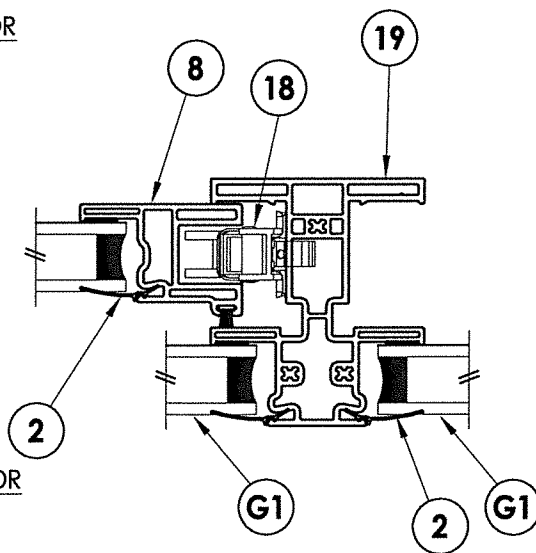
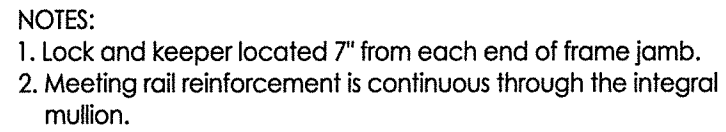
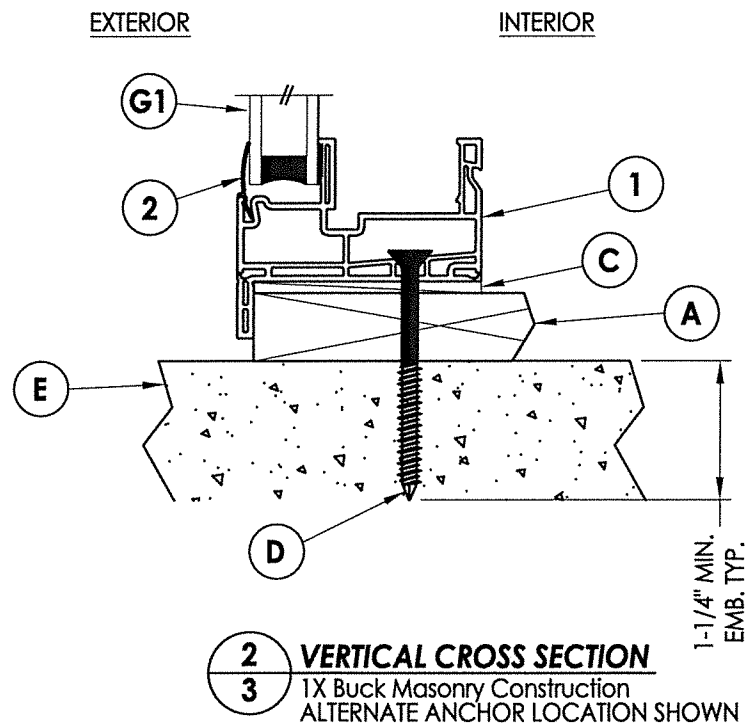
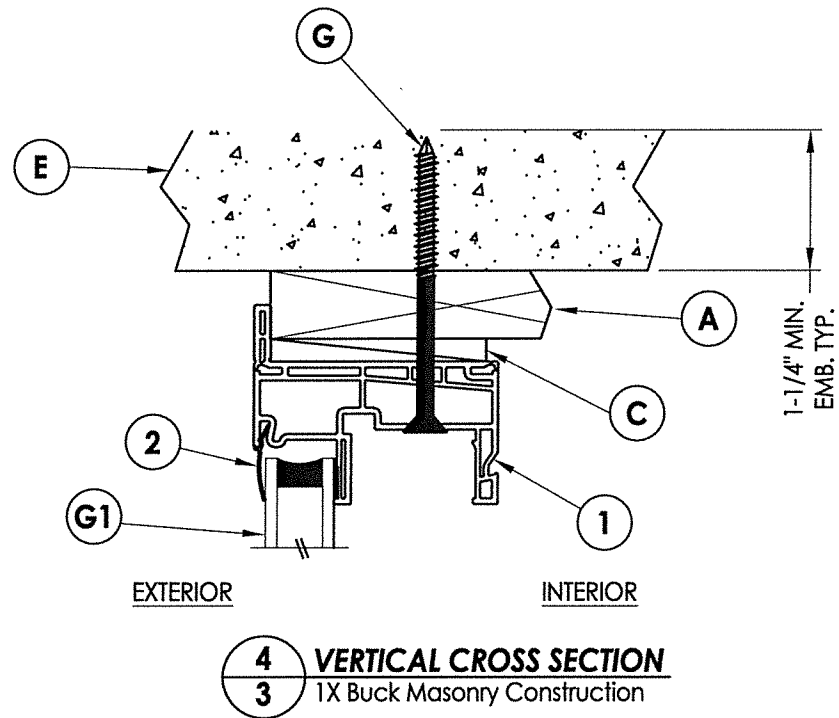
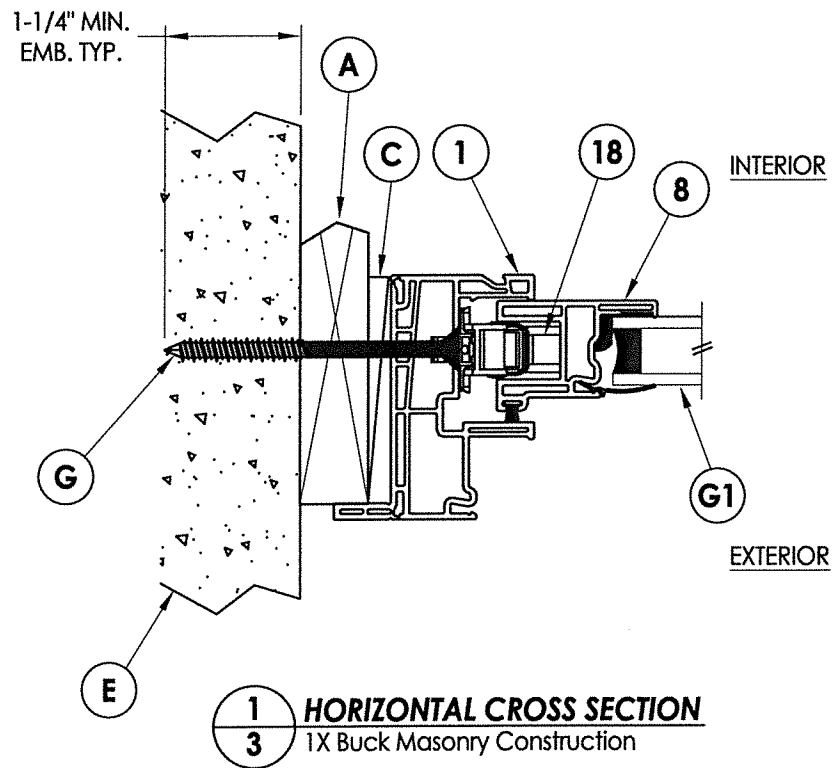
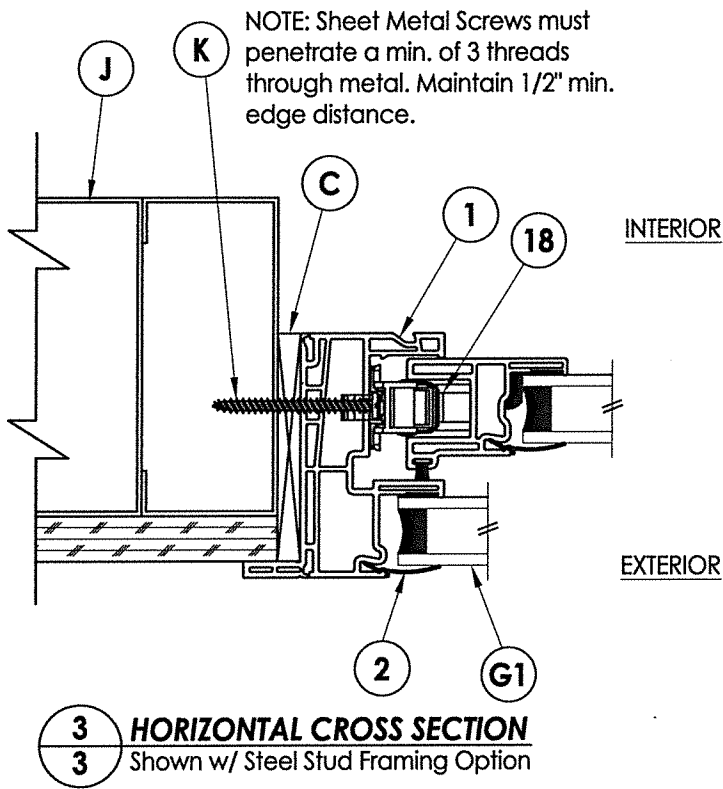


\\dc01\rbw\clients\Doers PERMANENT\A - Florida Product Approvals\FL-16854 Windows - Single Hung\c - Drawings\FL-16854 (2020)\FL-16854.17.dwg

- NOTES:
- 1. Lock and keeper located 7" from each end of frame jamb.
 - 2. Meeting rail reinforcement is continuous through the integral mullion.



LE SCHMIDT
LICENSE
No. 43409

STATE OF
FLORIDA
PROFESSIONAL ENGINEER

August 04, 2020

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

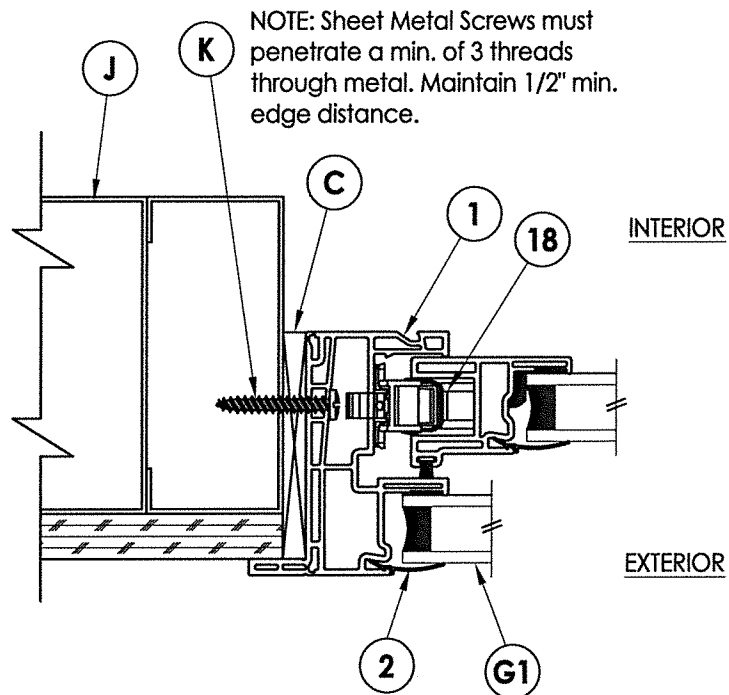
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BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:	SINGLE HUNG WINDOW		
PART OR ASSEMBLY:	VERTICAL & HORIZONTAL CROSS SECTIONS		
DATE	NO.	DATE	BY
8/04/20	2	UPDATE TO 7TH ED. (2020)	DAC
10/08/17	1	UPDATE TO 6TH ED. (2017)	JK
REVISIONS			
DATE: 9/21/16			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-16854.17			
SHEET 3 OF 6			

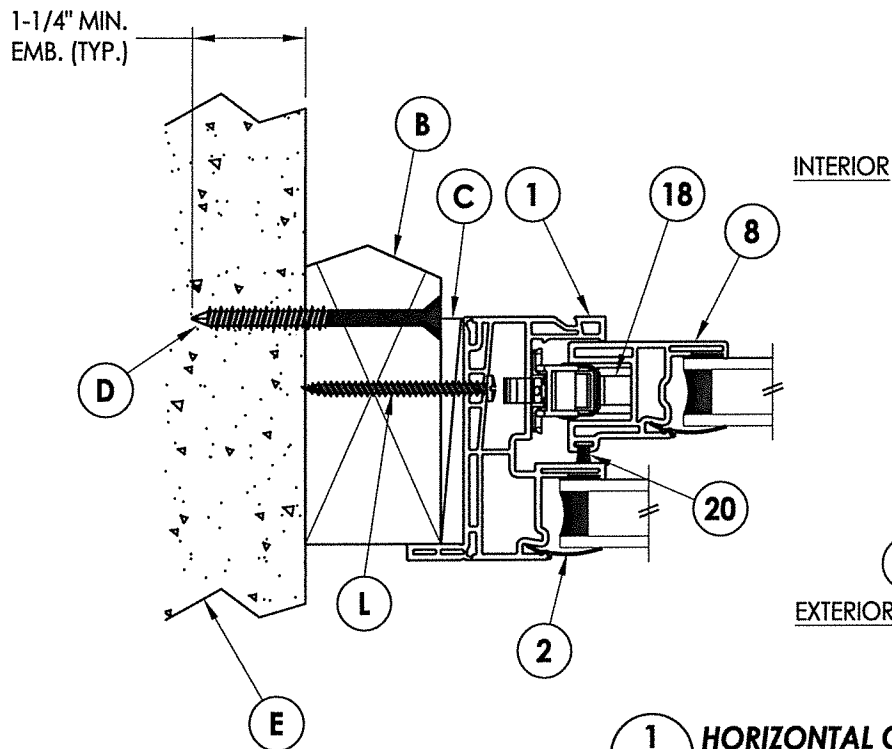
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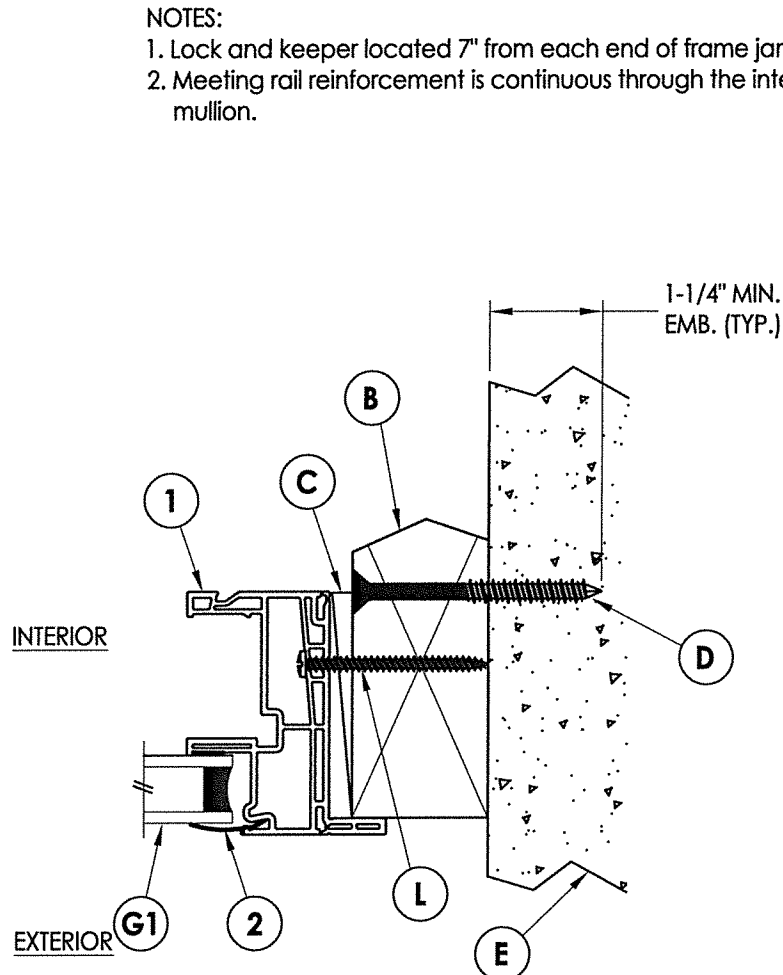


4 HORIZONTAL CROSS SECTION
Shown w/ Steel Stud Framing Option

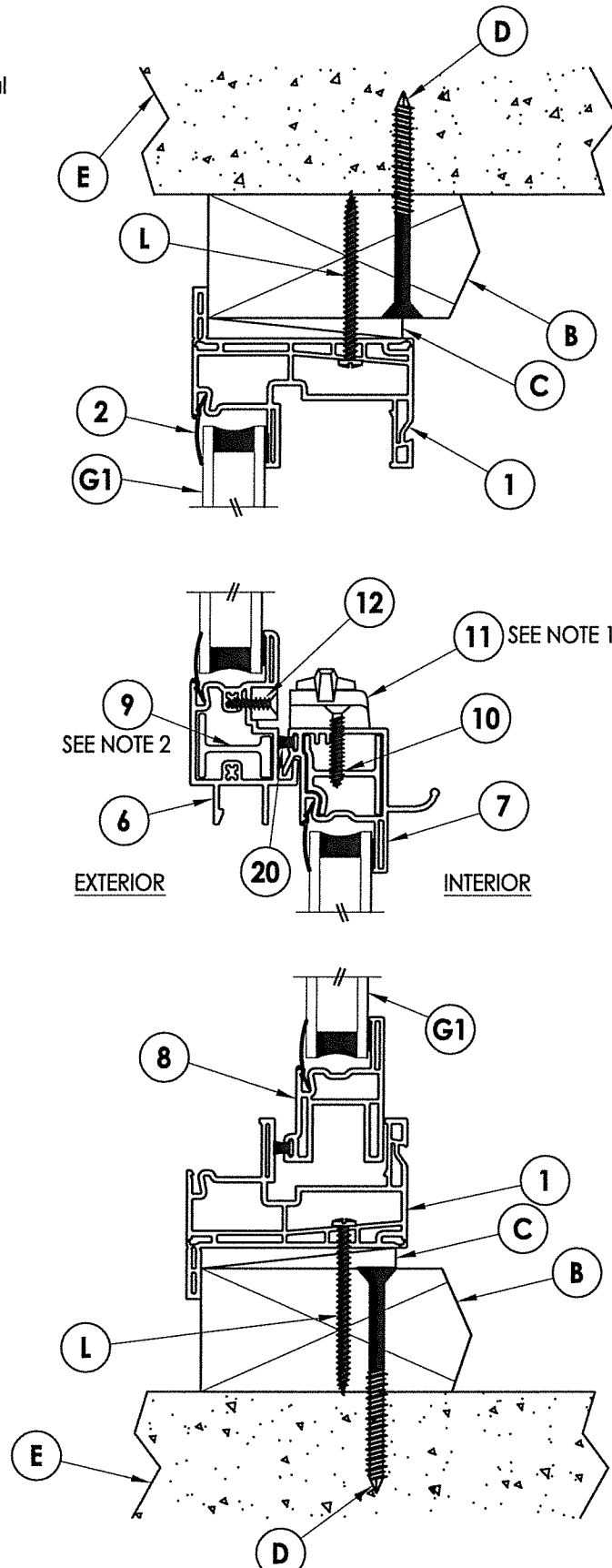
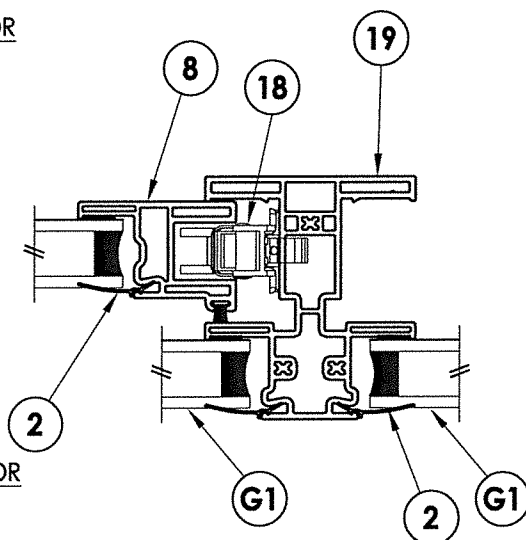
ALTERNATE ANCHORING LOCATION
SHOWN ON THIS SHEET



1 HORIZONTAL CROSS SECTION
2X Buck Masonry Construction



3 HORIZONTAL CROSS SECTION
2X Buck Masonry Construction



2 VERTICAL CROSS SECTION
2X Buck Masonry Construction

F. SCHMIDT
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No. 43409
August 04, 2020
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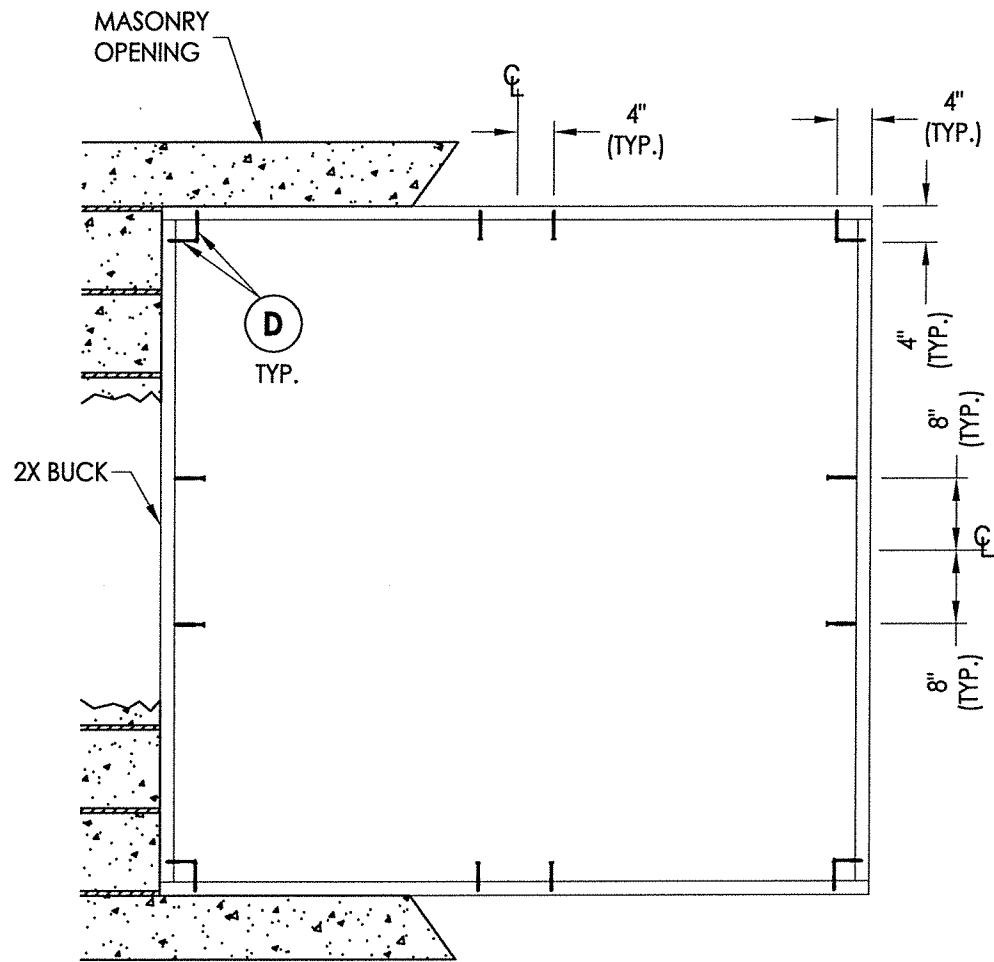
PRODUCT:
SINGLE HUNG WINDOW

PART OR ASSEMBLY:
VERTICAL & HORIZONTAL CROSS SECTIONS

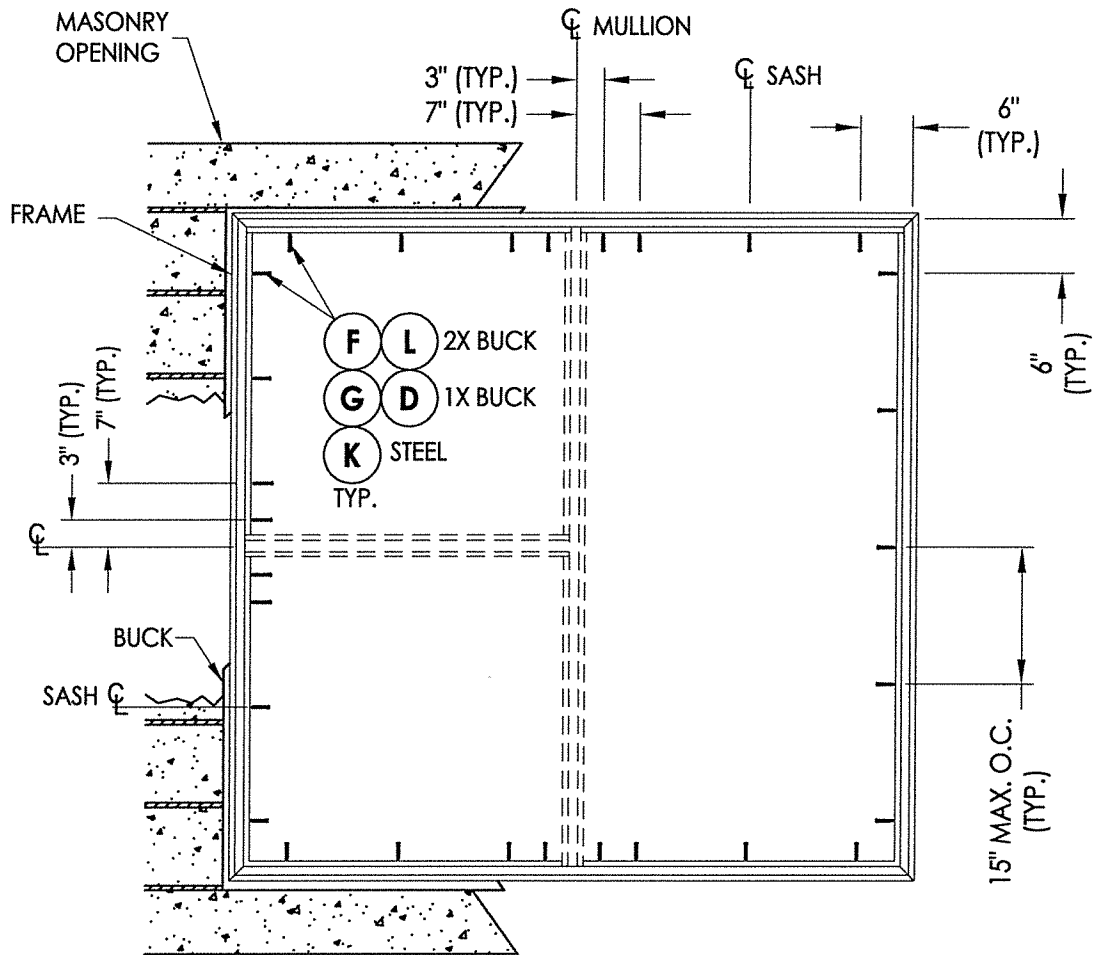
NO.	DATE	REVISIONS
2	8/04/20	UPDATE TO 7TH ED. (2020) FBC
1	10/08/17	UPDATE TO 6TH ED. (2017) FBC

DATE: 9/21/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-16854.17
SHEET 4 OF 6

\\dc01\rbcb\clients\Doers PERMANENT\A - Florida Product Approvals\FL-16854 Windows - Single Hung\c - Drawings\FL-16854 (2020)\FL-16854.17.dwg



BUCK ANCHORING



FRAME ANCHORING

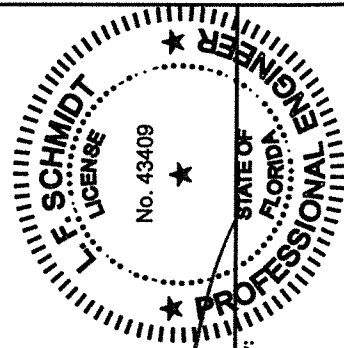
CONCRETE ANCHOR NOTES:

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"
DeWALT 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.



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

PRODUCT:
SINGLE HUNG WINDOW

PART OR ASSEMBLY:
BUCK & FRAME
ANCHORING

NO.	DATE	REVISIONS
2	8/04/20	UPDATE TO 7TH ED. (2020) FBC
1	10/08/17	UPDATE TO 6TH ED. (2017) FBC
NO.	DATE	BY

DATE: 9/21/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

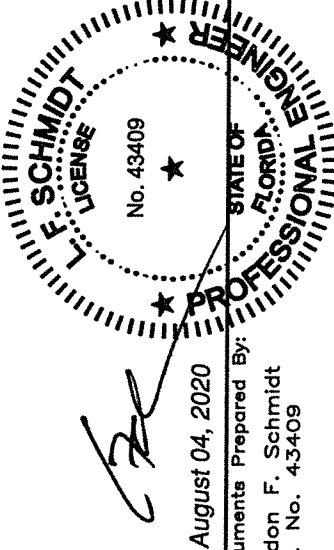
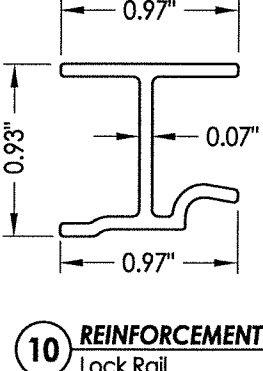
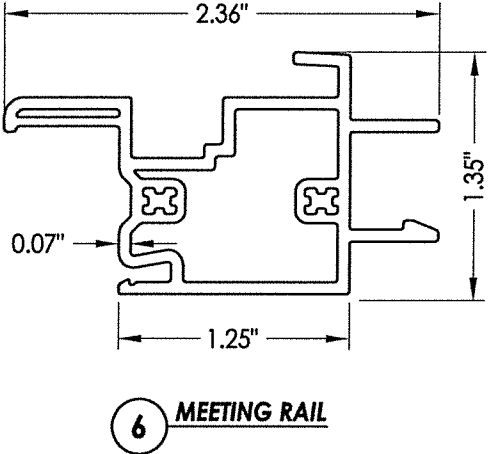
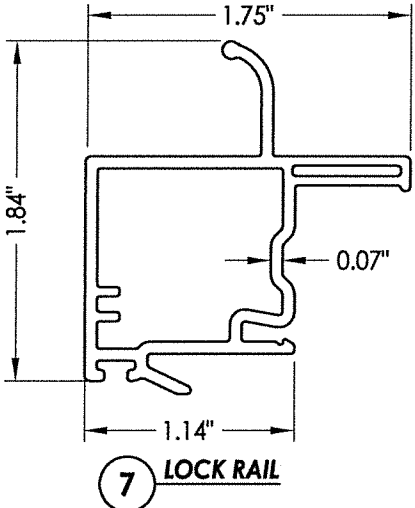
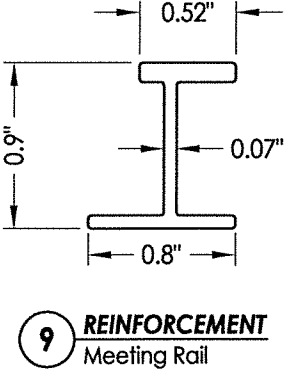
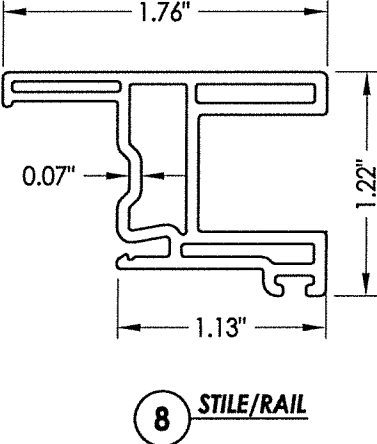
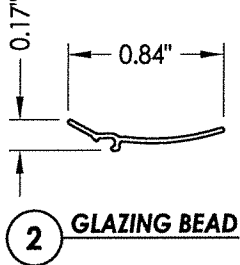
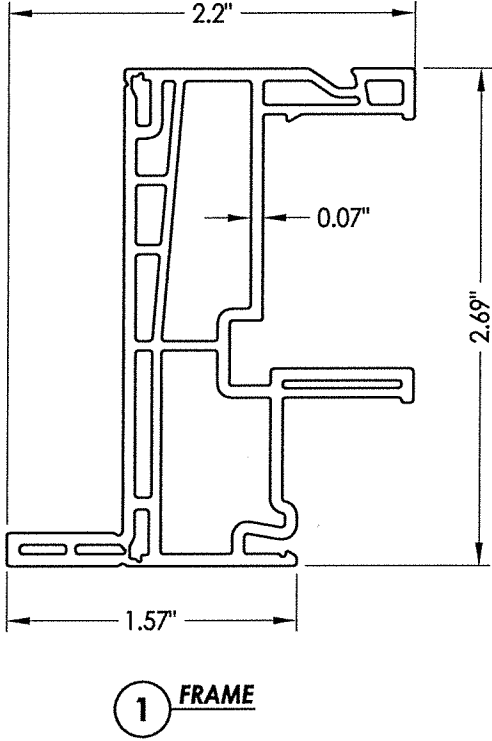
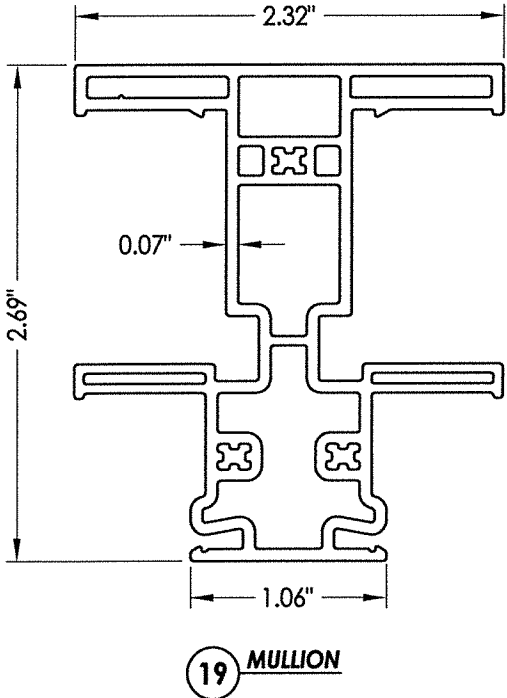
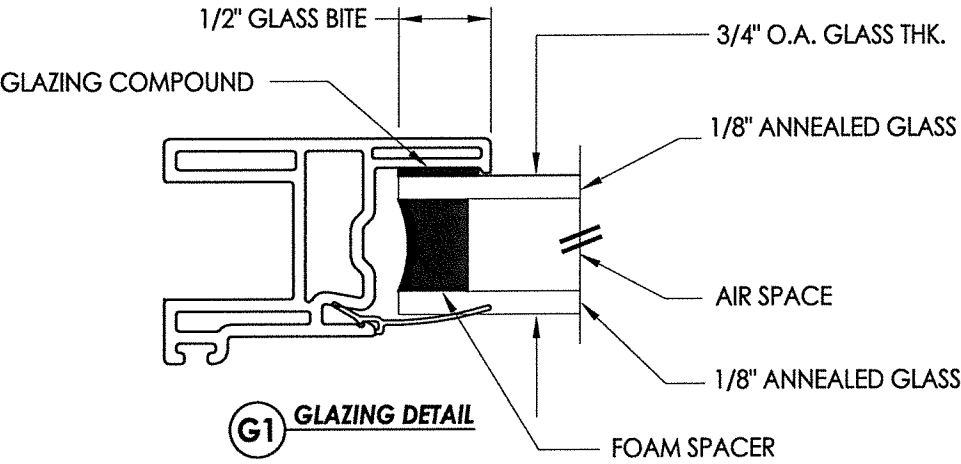
FL-16854.17

SHEET 5 OF 6

\\dc01\vwbc\Clients\Doers PERMANENT\A - Florida Product Approvals\FL-16854 Windows - Single Hung\C - Drawings\FL-16854 (2020)\FL-16854.17.dwg

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT 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	#10 X 2-1/2" PPH SMS (1-1/2" MIN. EMBEDMENT)	STEEL
G	1/4" X 3-1/4" PFH DeWALT OR ITW CONCRETE SCREW	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
L	#10 X 2" PPH SMS (1-1/2" MIN. EMBEDMENT)	STEEL
1	FRAME *	RIGID PVC
2	GLAZING BEAD *	RIGID PVC
6	MEETING RAIL*	RIGID PVC
7	LOCK RAIL*	RIGID PVC
8	STILE/RAIL*	RIGID PVC
9	MEETING RAIL REINFORCEMENT (6063-T6 ALUM)	ALUM
10	LOCK RAIL REINFORCEMENT (6063-T6 ALUM)	ALUM
11	SASH LOCK	-
12	KEEPER	-
18	WINDOW BALANCE	-
19	MULLION*	RIGID PVC
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".



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

PRODUCT:		SINGLE HUNG WINDOW	
PART OR ASSEMBLY:		BILL OF MATERIALS, GLAZING DETAILS & COMPONENTS	
REVISIONS			
NO.	DATE	BY	
2	8/04/20	DAC	UPDATE TO 7TH ED. (2020)
1	10/08/17	JK	UPDATE TO 6TH ED. (2017)
DATE:		9/21/16	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-16854.17	
SHEET		6 OF 6	