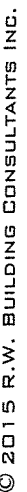
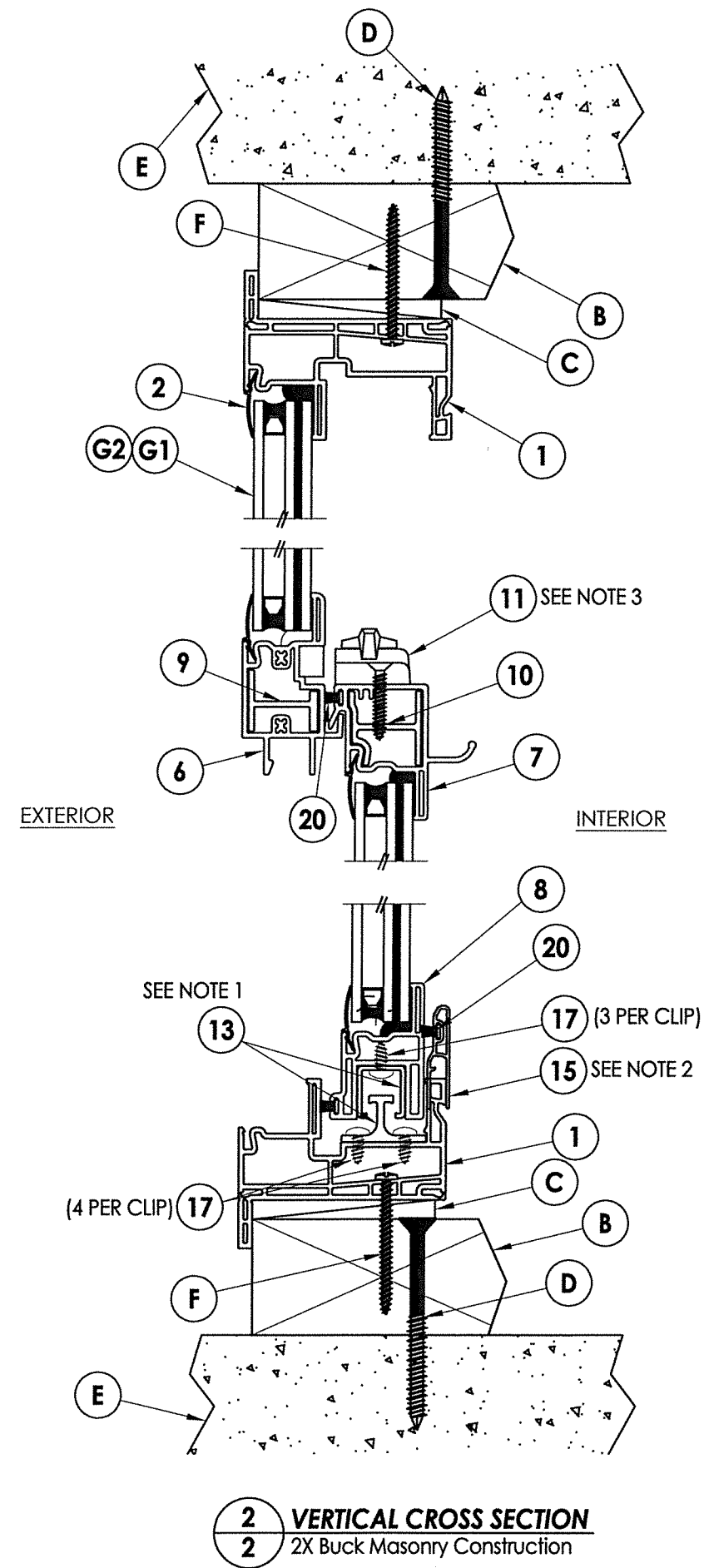
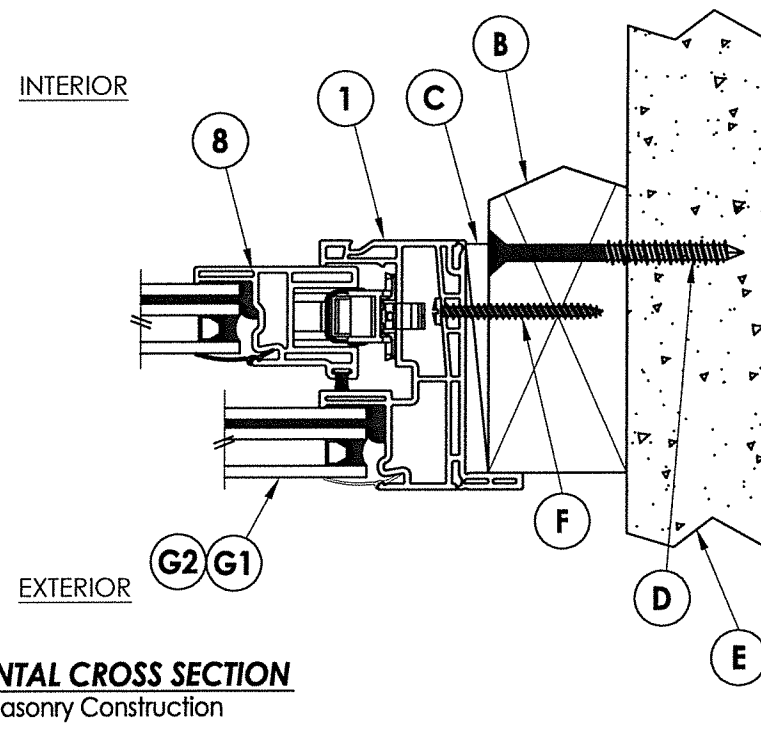
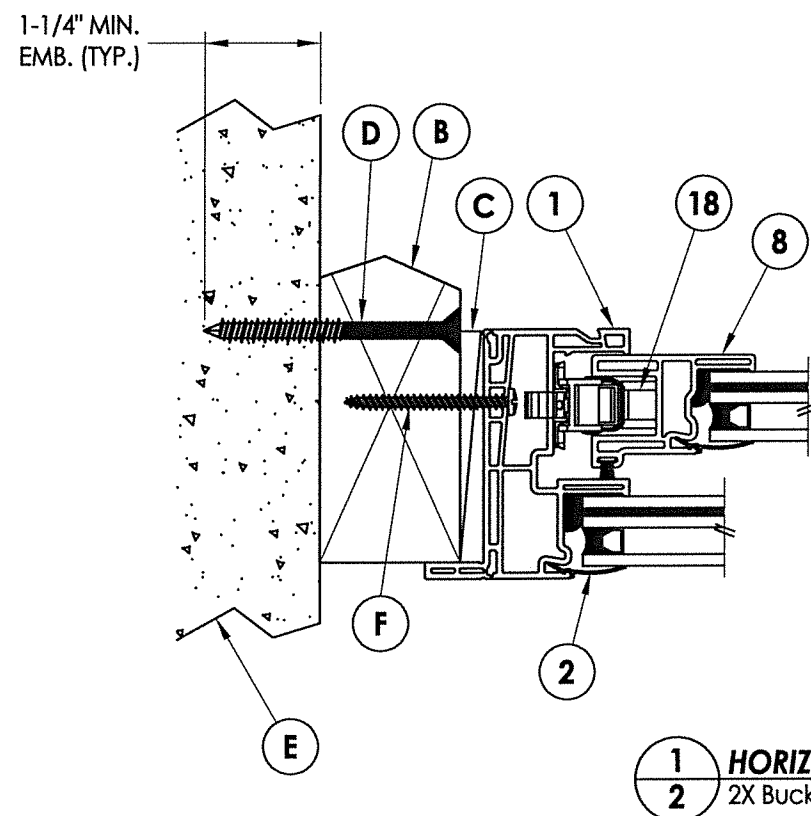


1. Sill interlock clip location(s):
For units $\leq 41"$ width - 1 required @ centerline of sill.
For units $> 41"$ width - 2 required at 1/3 pts. along sill.
2. Sill riser required when positive design pressure > 40 psf.
3. Lock and keeper located 12" from each end of frame jamb.



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11" MAX. O.C. (TYP.)

6" (TYP.)

FRAME

2X SUB BUCK

F 2X BUCK

D 1X BUCK

K STEEL TYP.

6" (TYP.)

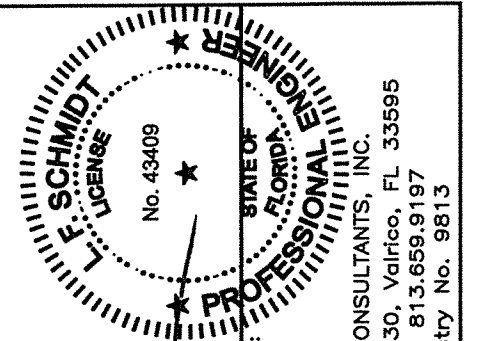
5 EQUAL SPACES

Detailed description: This is a technical cross-section drawing of a rectangular frame assembly. The assembly is shown within a concrete wall. The top edge of the wall is labeled '11" MAX. O.C. (TYP.)' with a dimension line. The right edge of the wall is labeled '6" (TYP.)' with a dimension line. The frame itself is composed of several layers: an outer 'FRAME' layer, a '2X SUB BUCK' layer, and an inner 'STEEL TYP.' layer. Inside the frame, there are three circular components labeled 'F 2X BUCK', 'D 1X BUCK', and 'K STEEL TYP.' from top to bottom. The bottom of the frame is supported by a '2X SUB BUCK' layer. The bottom edge of the wall is labeled '6" (TYP.)' with a dimension line. The bottom of the frame is labeled '5 EQUAL SPACES' with a dimension line. The drawing includes various hatching patterns to represent different materials like concrete, steel, and bucking.

NOTE: SILL ANCHORS ARE REQUIRED FOR FRAME WIDTHS > 41" ONLY.

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 ULTRA-CON®	1/4"	1-1/4"	1"	4"

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



August 04, 2020

Documents Prepared By:
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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**

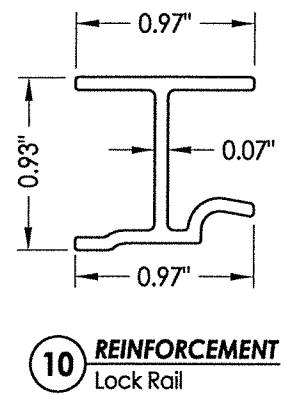
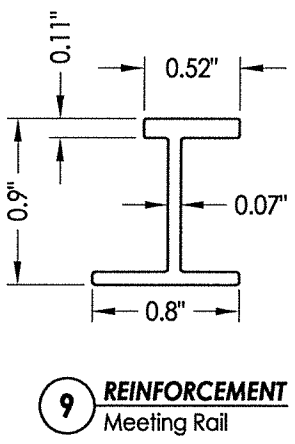
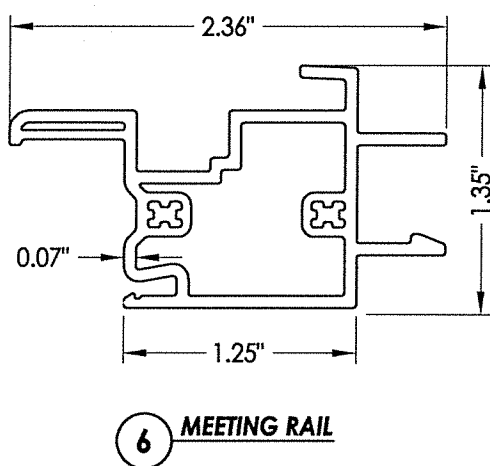
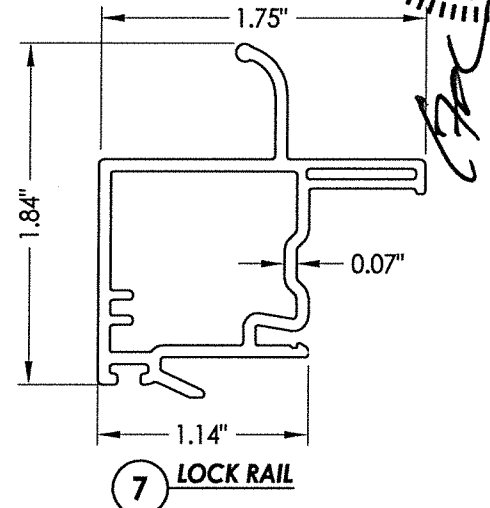
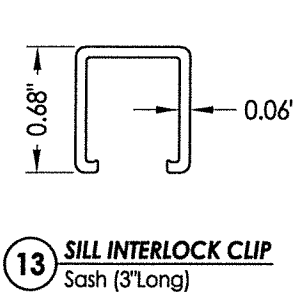
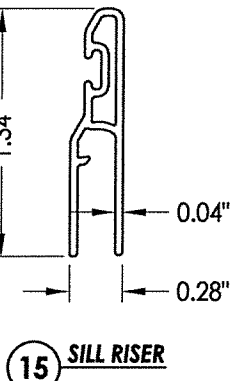
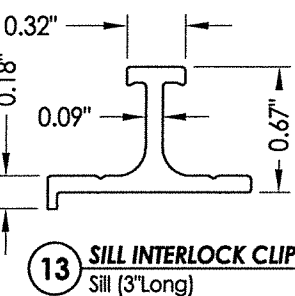
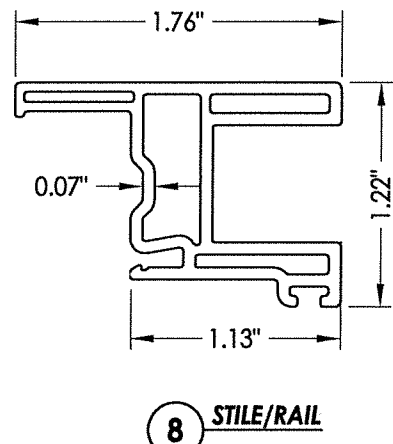
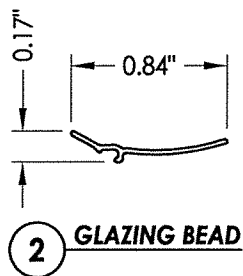
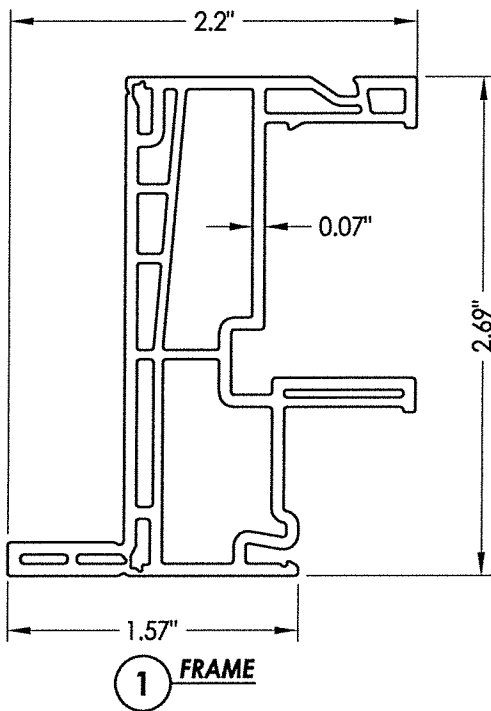
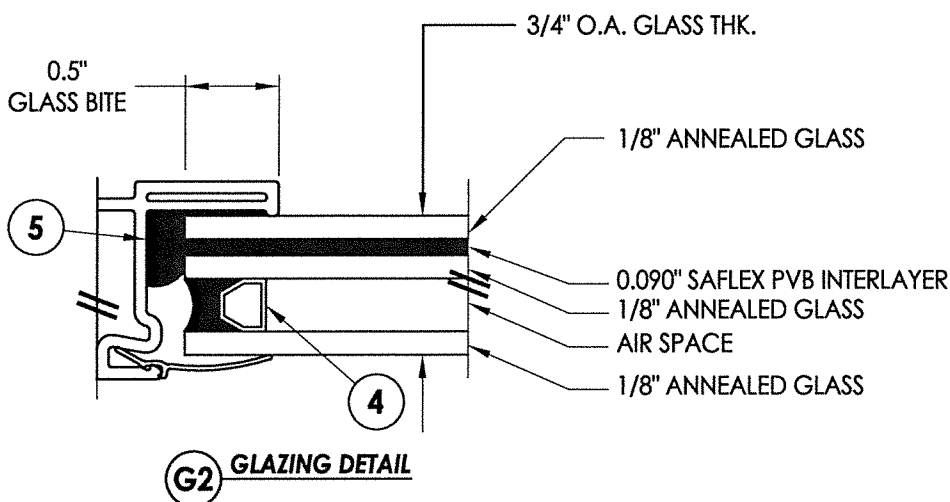
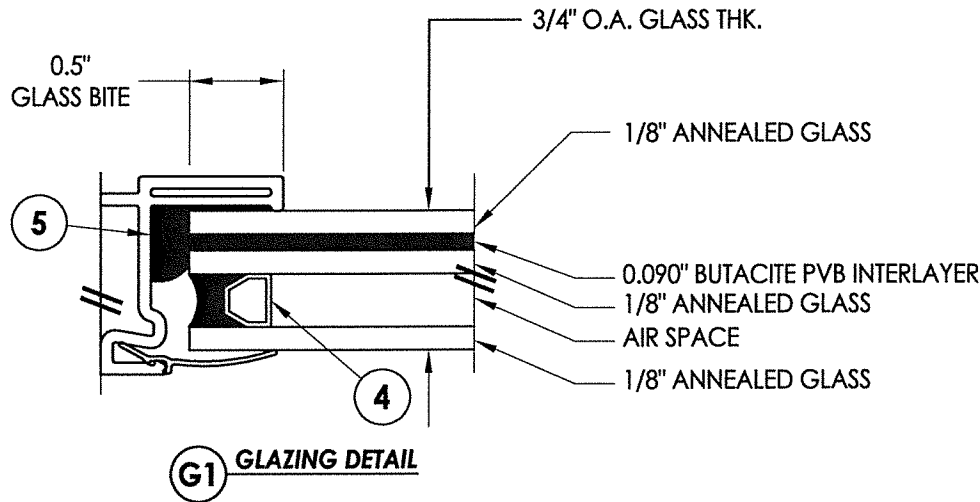
5	8/04/20	UPDATE TO 7TH ED. (2020)	FBC	DAC
4	6/25/18	ADD FRAME SIZE NOTE (SHEET 1)		JK
3	10/08/17	UPDATE TO 6TH ED. (2017)	FBC	JK
2	9/26/16	REVISE ANCHOR LOCATION		LFS
1	3/29/16	REVISE DESIGN PRESSURES		LFS
NO.	DATE	REVISIONS		

SHEET 4 OF 5

\\dc01\wbc\Clients\Doers PERMANENTVA - Florida Product Approvals\FL-16854 Windows - Single Hung\c - Drawings\FL-16854 (2020)\FL-16854.10.dwg

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" 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	#8 X 1-3/4" PPH SMS (1-1/4" 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 *	RIGID PVC
2	EXTRUDED VINYL GLAZING BEAD *	RIGID PVC
3	GLASS SETTING BLOCK	-
4	GLAZING SPACER (Duraseal)	-
5	GLAZING SEALANT (Sikaflex-552)	SILICONE
6	MEETING RAIL*	RIGID PVC
7	LOCK RAIL*	RIGID PVC
8	STILE/RAIL*	RIGID PVC
9	MEETING RAIL REINFORCEMENT	ALUM
10	LOCK RAIL REINFORCEMENT	ALUM
11	SASH LOCK	-
12	KEEPER	-
13	INTERLOCK CLIP	ALUM
14	ROLLER	-
15	SILL RISER*	RIGID PVC
16	ROLLER TRACK*	RIGID PVC
17	#6 X 3/8" PPH SMS	STEEL
18	WINDOW BALANCE	-
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".



STATE OF FLORIDA
PROFESSIONAL ENGINEER
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August 04, 2020
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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:		SINGLE HUNG WINDOW		PART OR ASSEMBLY:		BILL OF MATERIALS, COMPONENTS AND GLAZING DETAIL	
NO.	DATE	REVISIONS	BY	LFS	LFS	BY	
5	8/04/20	UPDATE TO 7th ED. (2020) FBC	DAC				
4	6/25/18	ADD FRAME SIZE NOTE (SHEET 1)	JK				
3	10/08/17	UPDATE TO 6TH ED. (2017) FBC	JK				
2	9/26/16	REVISE ANCHOR LOCATION	LFS				
1	3/29/16	REVISE DESIGN PRESSURES	LFS				
DATE: 6/26/15		SCALE: N.T.S.		DWG. BY: JK		CHK. BY: LFS	
DRAWING NO.: FL-16854.10		SHEET 5 OF 5					