

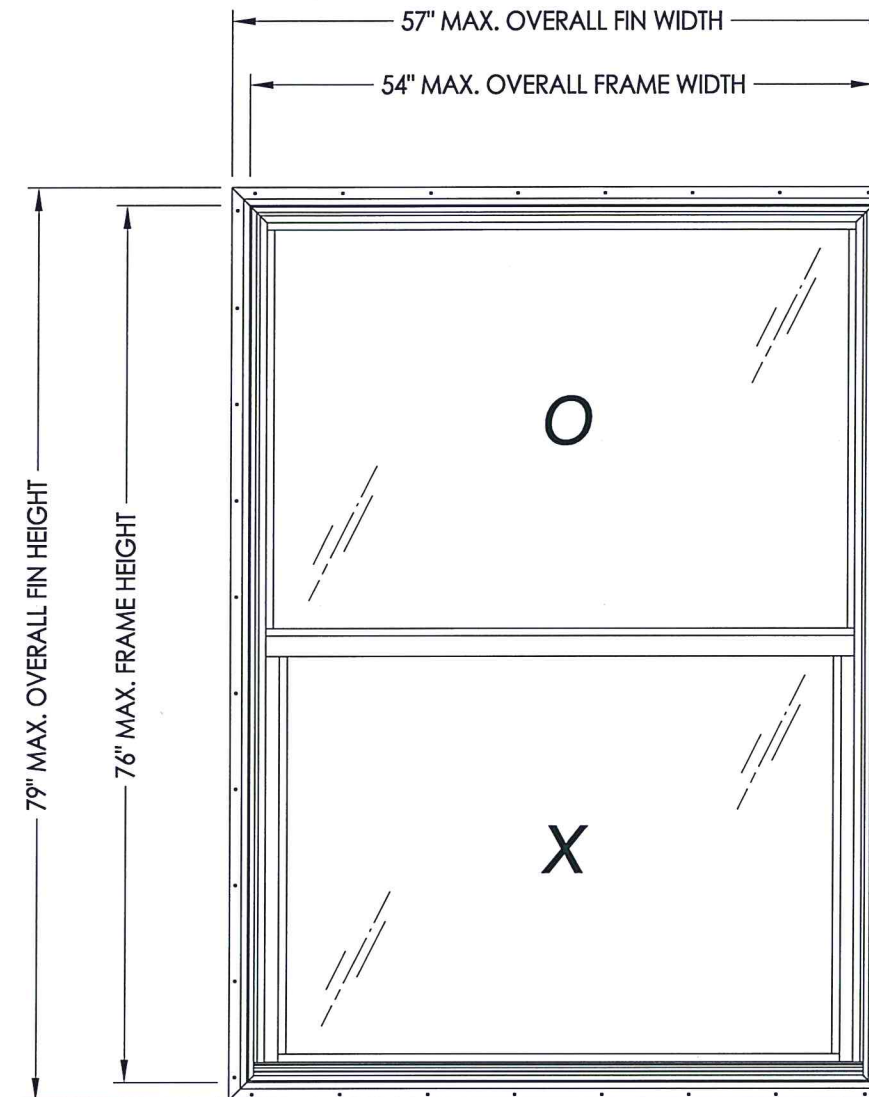


9450 Single Hung Window
IMPACT RATED - HVHZ
w/ Nailing Fin

GENERAL NOTES

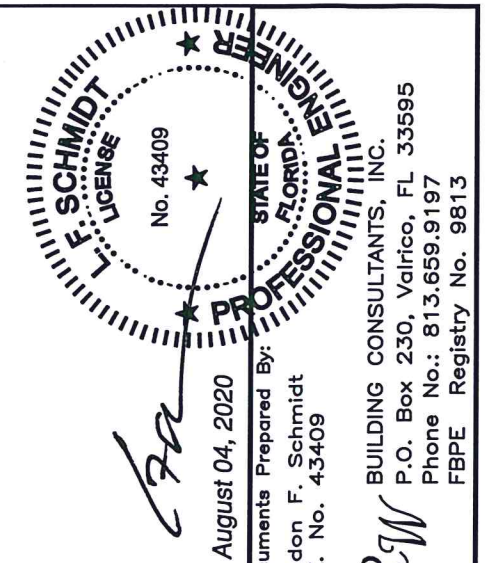
1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC), including the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in the "HVHZ", this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
4. 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 & general notes
2	Vertical & horizontal cross sections
3	Vertical & horizontal cross sections
4	Buck & frame anchoring
5	Components
6	Bill of materials and glazing details



MAX. OVERALL FIN DIMENSION	MAX. OVERALL FRAME DIMENSION	MAX DAY LITE DIMENSION (OPERABLE)	MAX DAY LITE DIMENSION (FIXED)	GLASS TYPE	DESIGN PRESSURE (PSF)	
					POS.	NEG.
57.0" X 79.0"	54.0" X 76.0"	47.25" x 34.38"	49.75" x 34.5"	G1	+55.0	-65.0

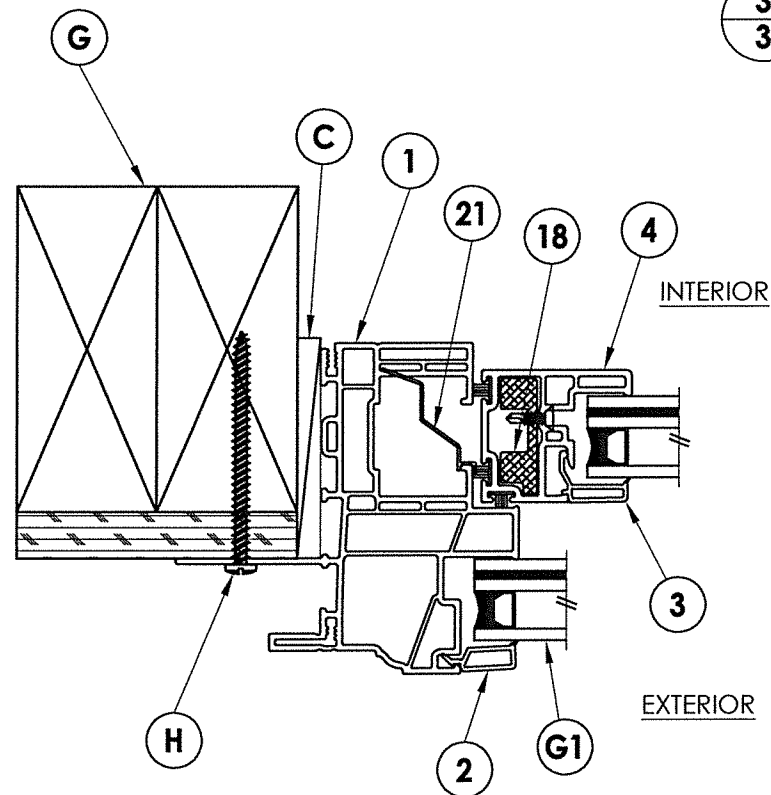
Note: This product is not approved for use above 30 feet in the "HVHZ".



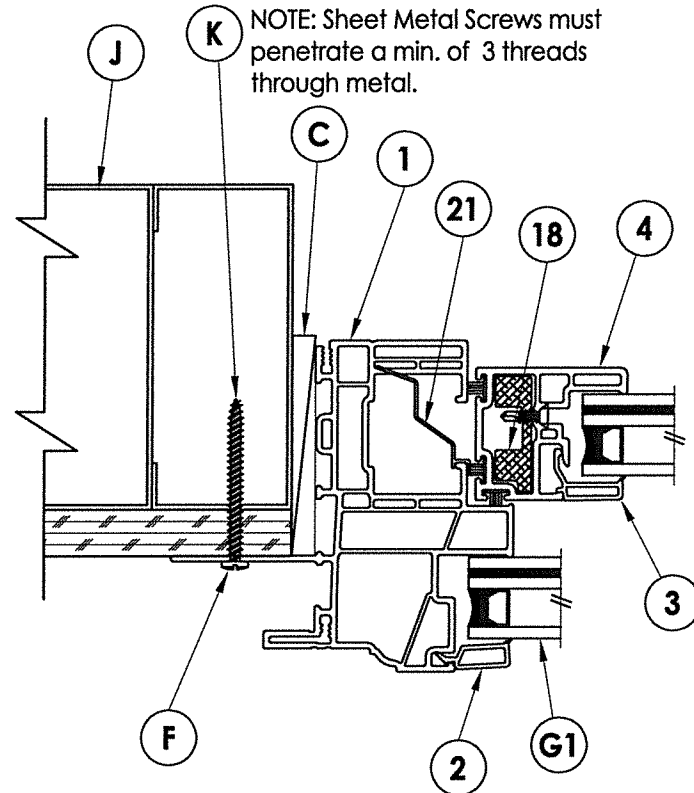
SHEET	1	OF	6
DRAWING NO.: FL-16854.5			
CHK. BY: LFS			
DWG. BY: JK			
SCALE: N.T.S.			
DATE: 2/17/14			
NO.	DATE		
3	8/04/20	UPDATE TO 7TH ED. (2020)	FBC DAC
2	10/08/17	UPDATE TO 6TH ED. (2017)	FBC JK
1	6/26/15	UPDATE TO 5TH ED. (2014)	FBC LFS
			BY
REVISIONS			
PRODUCT: SINGLE HUNG WINDOW			
PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES			

© 2014 R.W. BUILDING CONSULTANTS INC.

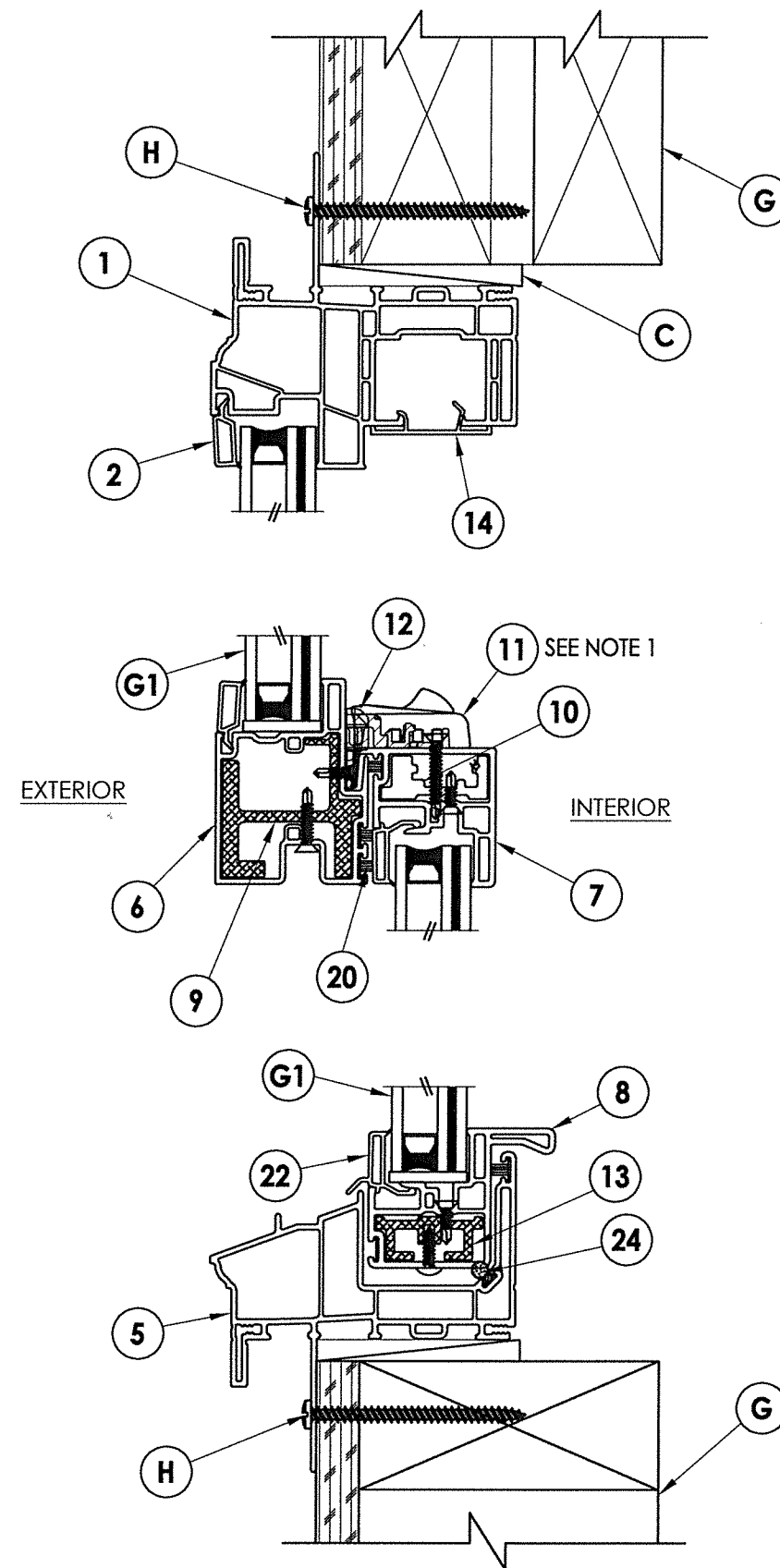
1. Lock and keeper located 7" from each end of lock/meeting rail.



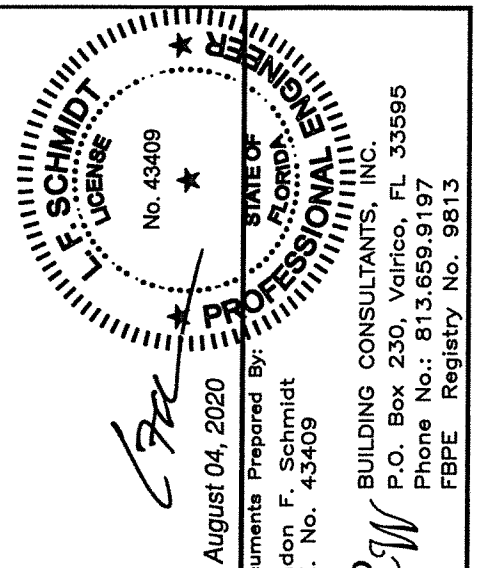
1 **HORIZONTAL CROSS SECTION**
3 Stud Construction



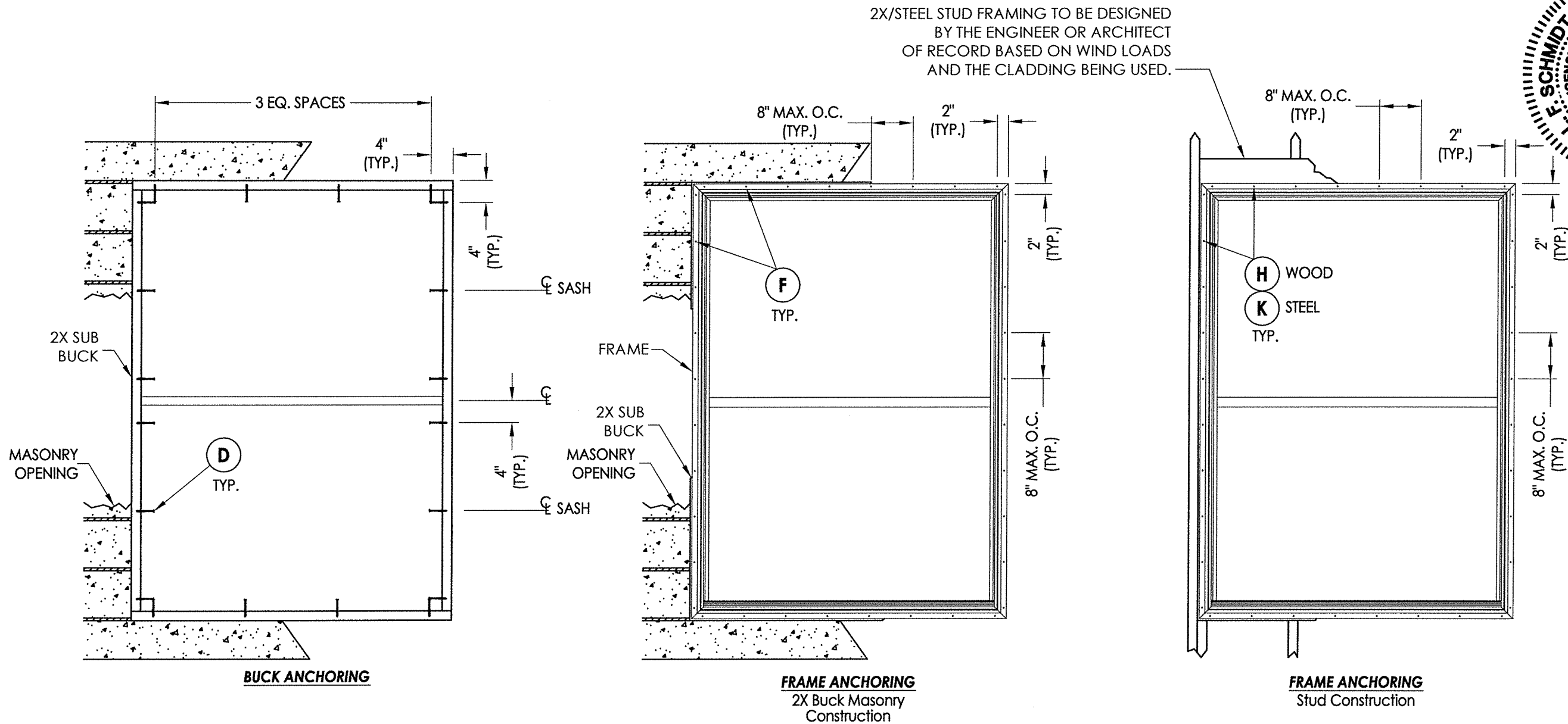
3 HORIZONTAL CROSS SECTION
3 Shown w/ Steel Stud Framing Option



2 VERTICAL CROSS SECTION

[illegible]

\\dc01\rbcc\clients\Doers PERMANENT\A - Florida Product Approvals\FL-16854 Windows - Single Hung\c - Drawings\FL-16854 (2020)\FL-16854.5.dwg



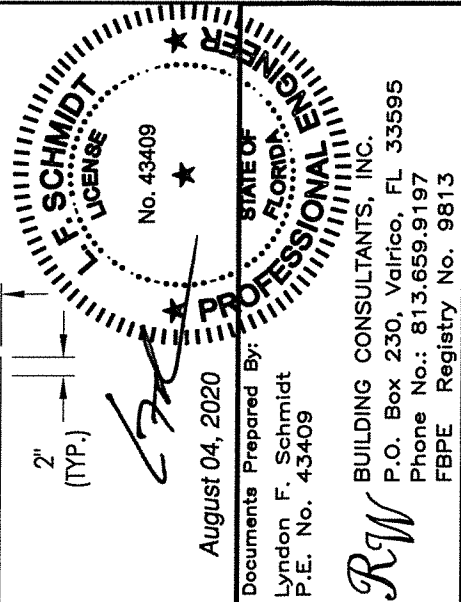
CONCRETE ANCHOR NOTES:

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 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.



August 04, 2020

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 Registry No. 9813

PRODUCT: SINGLE HUNG WINDOW

PART OR ASSEMBLY:
BUCK & FRAME ANCHORING

NO.	DATE	REVISIONS
3	8/04/20	UPDATE TO 7TH ED. (2020) FBC DAC
2	10/08/17	UPDATE TO 6TH ED. (2017) FBC JK
1	6/26/15	UPDATE TO 5TH ED. (2014) FBC LFS

DATE: 2/17/14

SCALE: N.T.S.

DWG. BY: JK

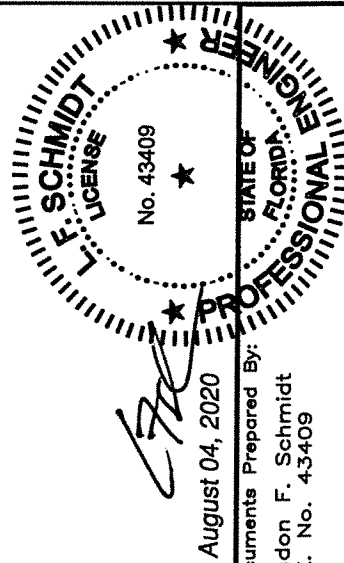
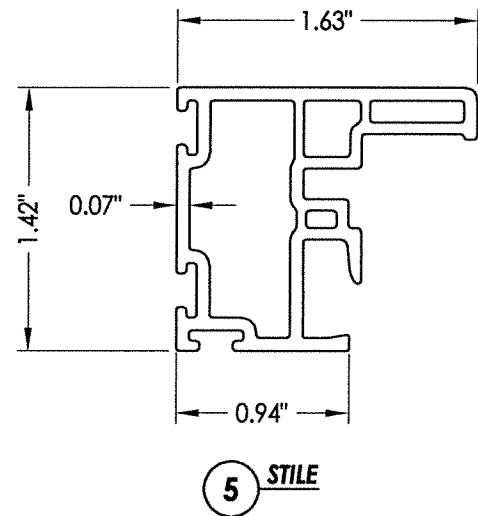
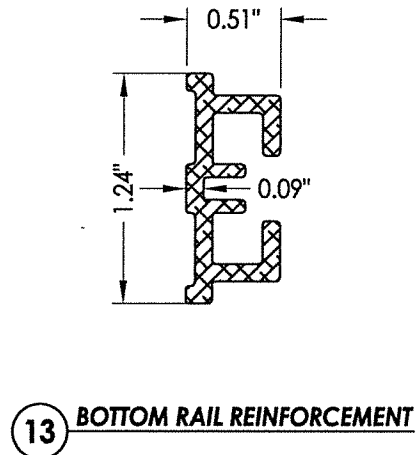
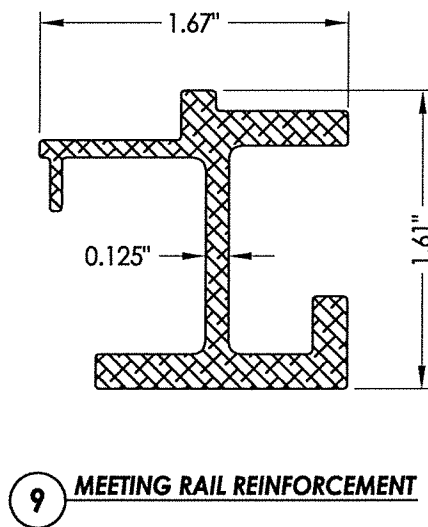
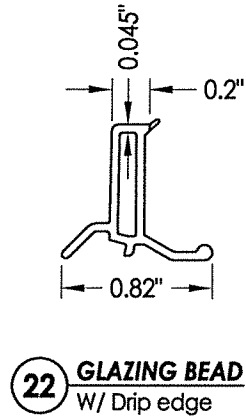
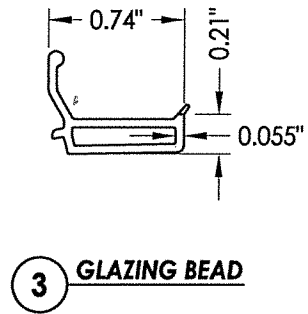
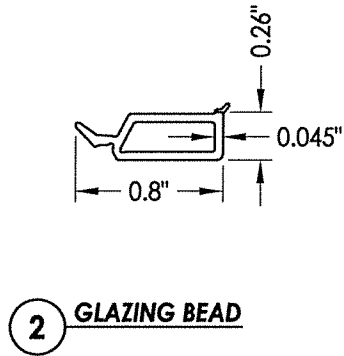
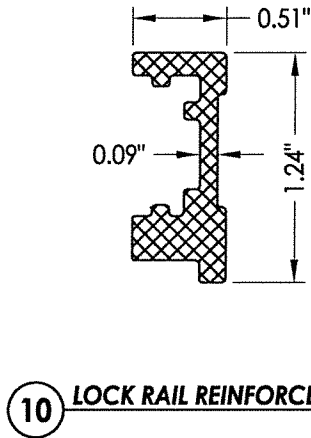
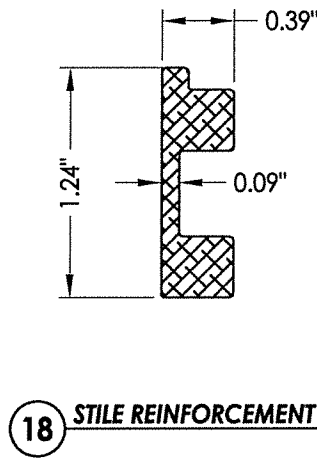
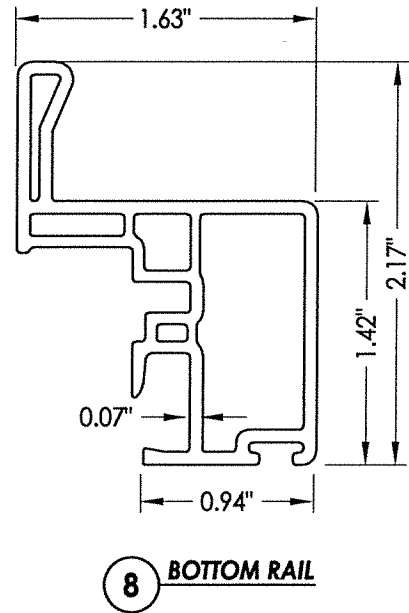
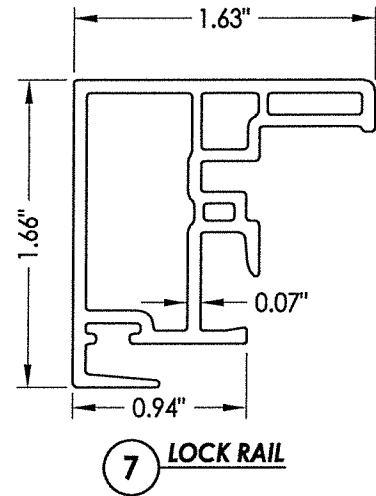
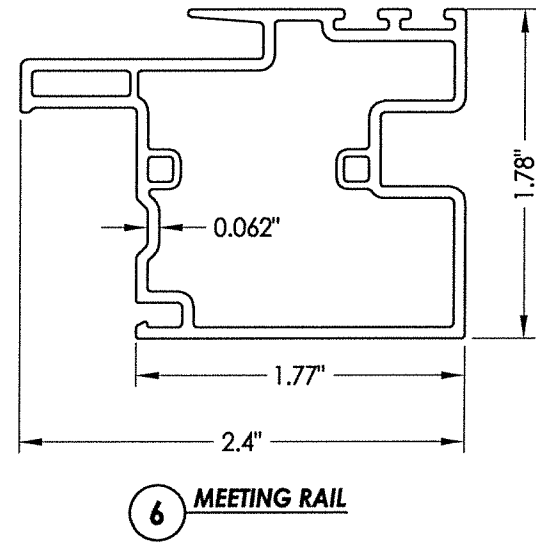
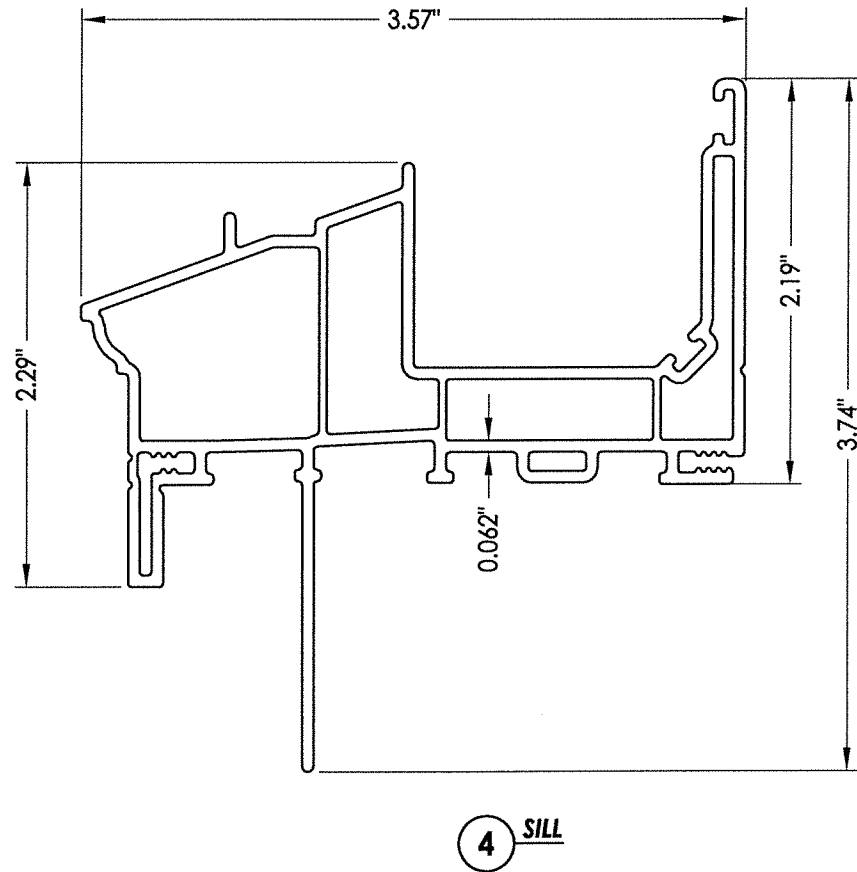
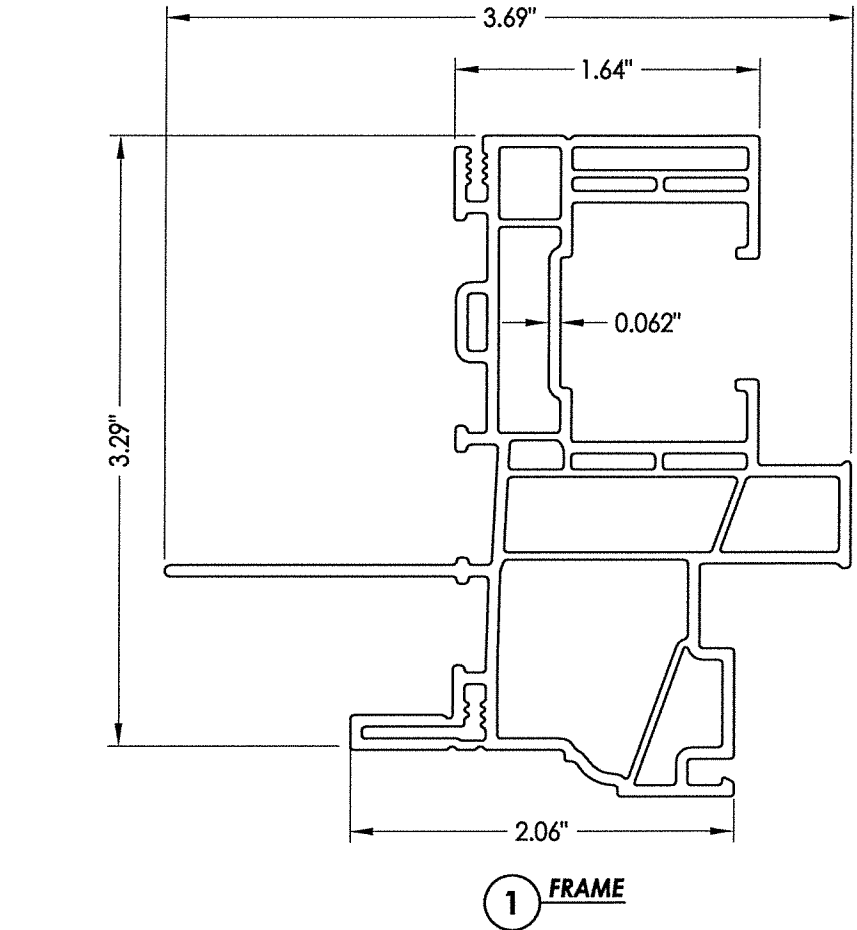
CHK. BY: LFS

DRAWING NO.:

FL-16854.5

SHEET 4 OF 6

\\dc01\rb\c\lents\Doers PERMANENTVA - Florida Product Approvals\FL-16854 Windows - Single Hung\c - Drawings\FL-16854 (2020)\FL-16854.5.dwg

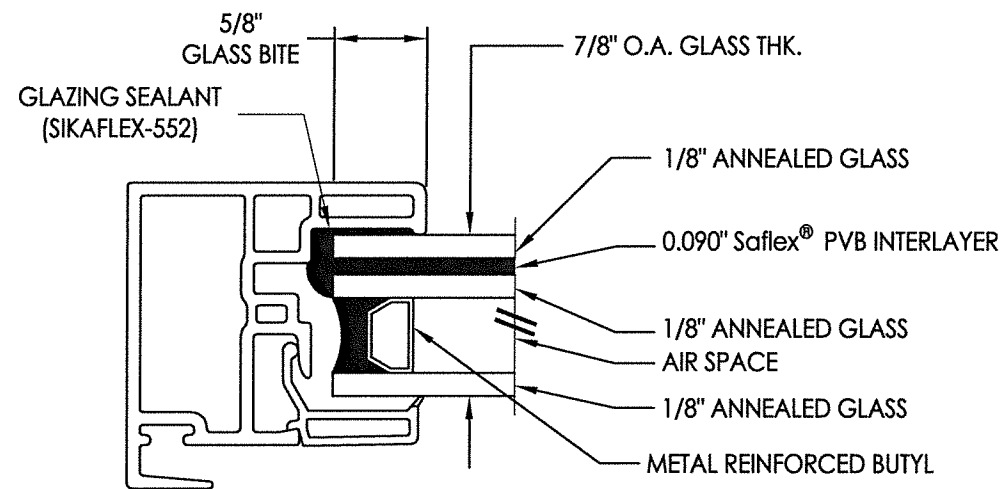


Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409
August 04, 2020
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:		SINGLE HUNG WINDOW		PART OR ASSEMBLY:		COMPONENTS	

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
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	#10 X 2" PPH SMS (1-3/4" MIN. EMBEDMENT)	STEEL
G	2X STUD (SG >= 0.55)	WOOD
H	#10 X 2-1/2" PPH SMS (1-3/4" 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 (455)*	RIGID PVC
2	EXTRUDED VINYL GLAZING BEAD (736A)*	RIGID PVC
3	EXTRUDED VINYL GLAZING BEAD (425A)*	RIGID PVC
4	SILL (459)*	RIGID PVC
5	STILE (438)*	RIGID PVC
6	MEETING RAIL (477)*	RIGID PVC
7	LOCK RAIL (476)*	RIGID PVC
8	BOTTOM RAIL (485B)*	RIGID PVC
9	MEETING RAIL REINFORCEMENT	6063 - T5 ALUM
10	LOCK RAIL REINFORCEMENT	6063 - T5 ALUM
11	SASH LOCK	-
12	KEEPER	-
13	BOTTOM RAIL REINFORCEMENT	6063 - T5 ALUM
14	HEAD ADAPTER (473)*	RIGID PVC
18	STILE REINFORCEMENT	6063 - T5 ALUM
20	WEATHERSTRIP	-
21	BALANCE COVER (468)	RIGID PVC
22	EXTRUDED VINYL GLAZING BEAD W/ DRIP EDGE (467)*	RIGID PVC
24	BULB GASKET (AMESBURY)	FOAM

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



G1 GLAZING DETAIL

NOTE: GLAZING > 36" WIDE REQUIRES TWO (2) SETTING
BLOCKS CONFORMING TO FBC SECTION 2411.3.3.1

