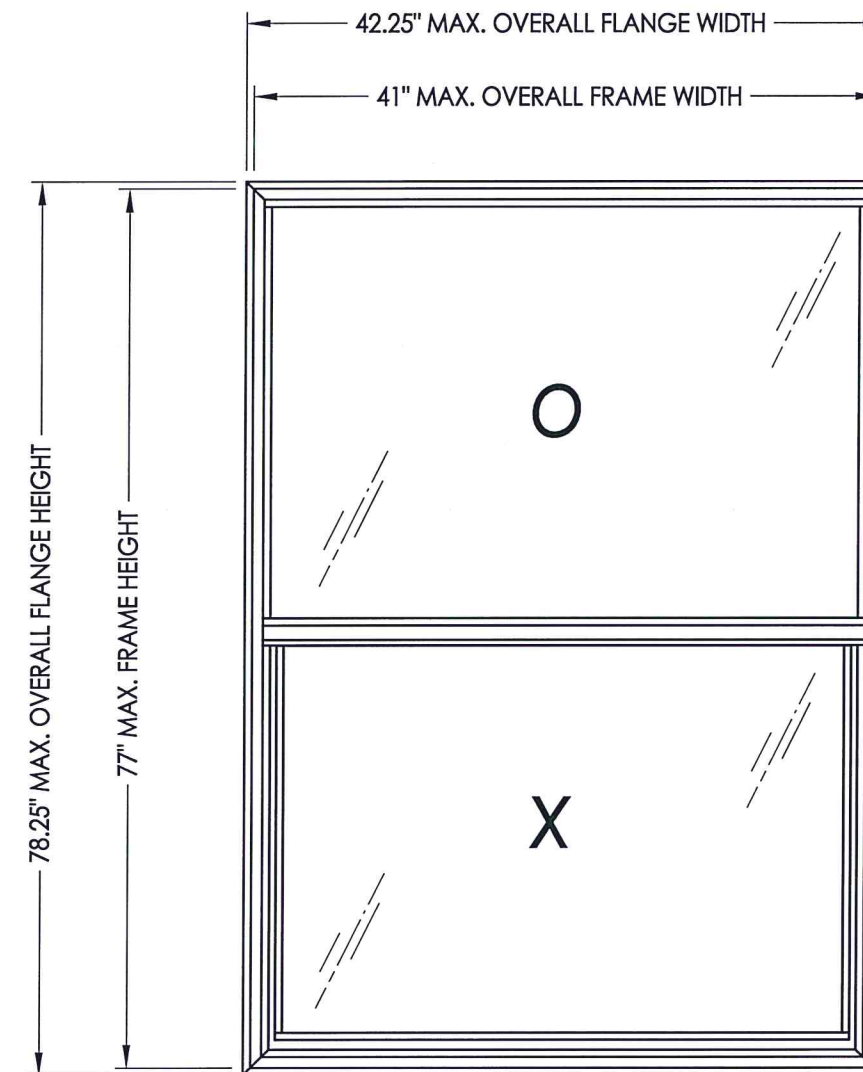




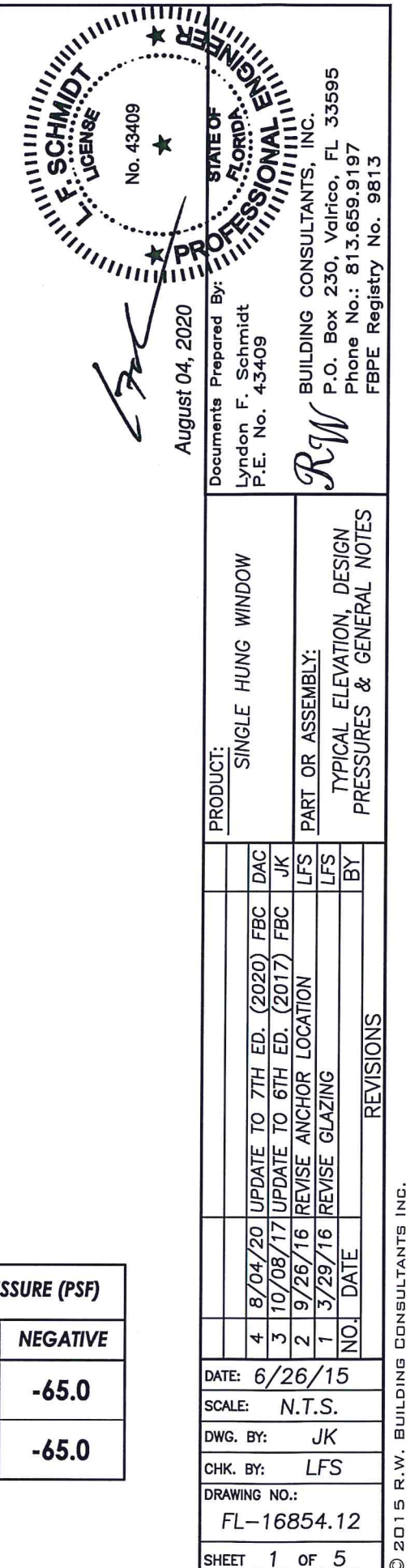
1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC), including the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or 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. 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 & general notes
2	Vertical & horizontal cross sections
3	Vertical & horizontal cross sections
4	Buck & frame anchoring
5	Bill of materials, glazing details and components

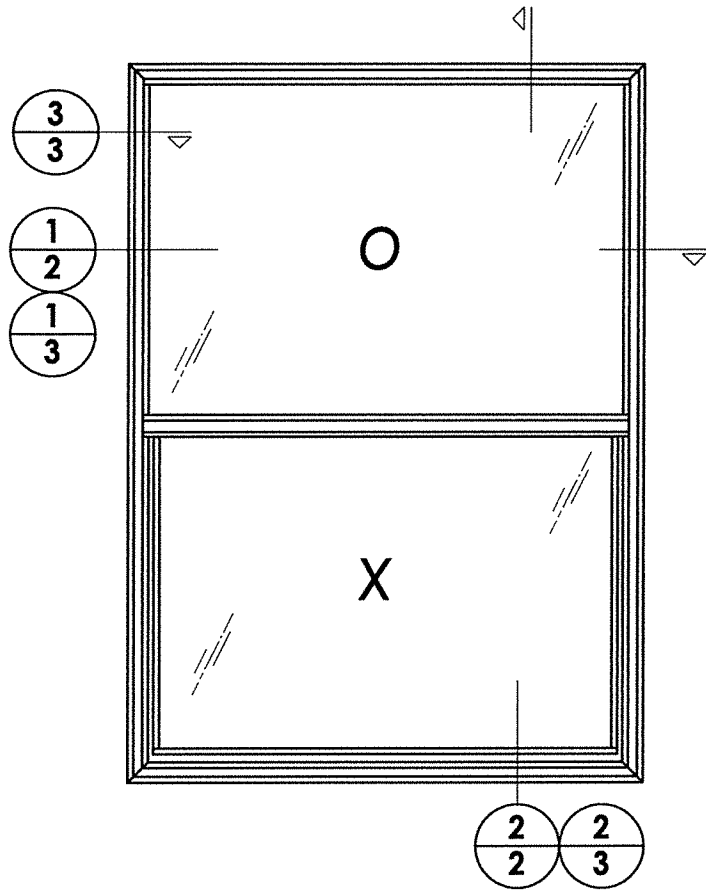


MAX. O.A. FLANGE DIMENSION	MAX. O.A. FRAME DIMENSION	MAX. SASH D.L.O. DIMENSION	MAX. FIXED D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
					POSITIVE	NEGATIVE
42.25" x 78.25"	41" X 77"	33.5" X 33.25"	36.25" X 35.0"	G1	+40.0	-65.0
42.25" x 78.25"	41" X 77"	33.5" X 33.25"	36.25" X 35.0"	G1	+65.0*	-65.0

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

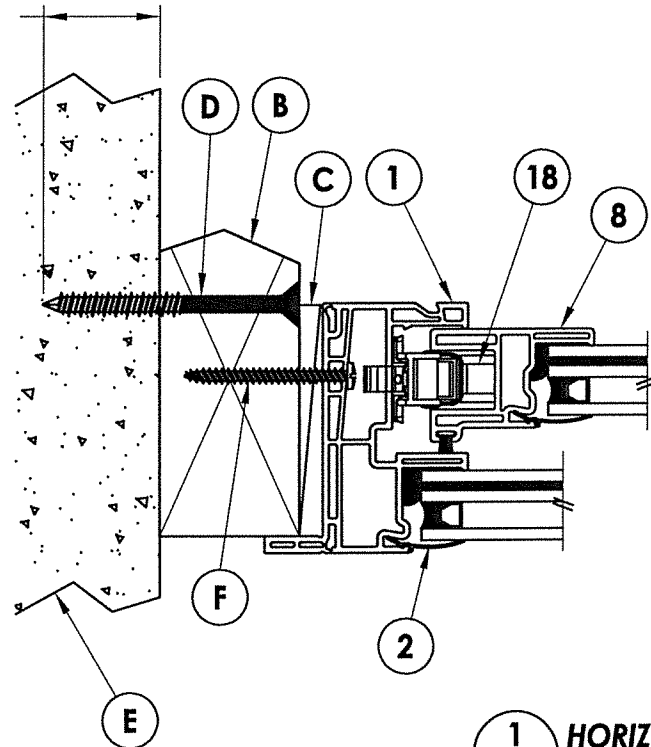


\\dc01\wbc\Clients\Doers PERMANENTVA - Florida Product Approvals\FL-16854 Windows - Single Hung\c - Drawings\FL-16854 (2020)\FL-16854.12.dwg



- NOTES:
1. Sill interlock clip location: 1 required at centerline along sill.
 2. Sill riser required when positive design pressure > 40 psf.
 3. Lock and keeper located 12" from each end of frame jamb.

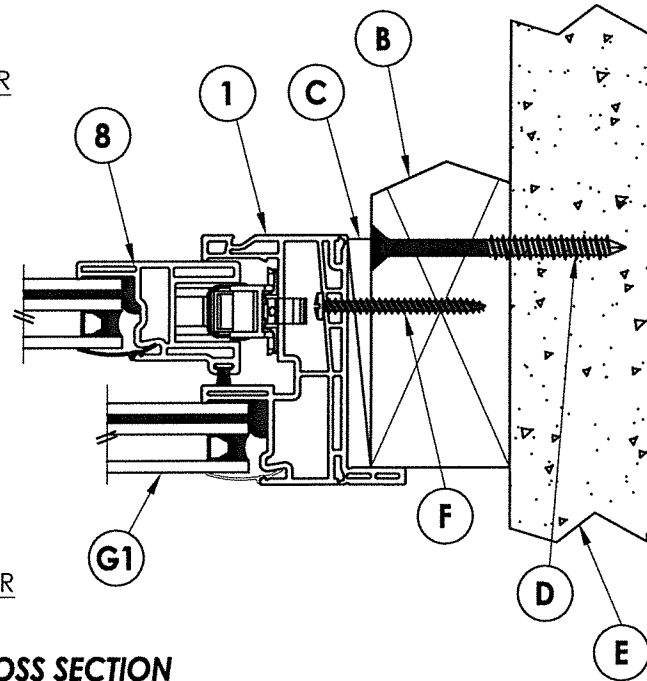
1-1/4" MIN.
EMB. (TYP.)



1 HORIZONTAL CROSS SECTION
2 2X Buck Masonry Construction

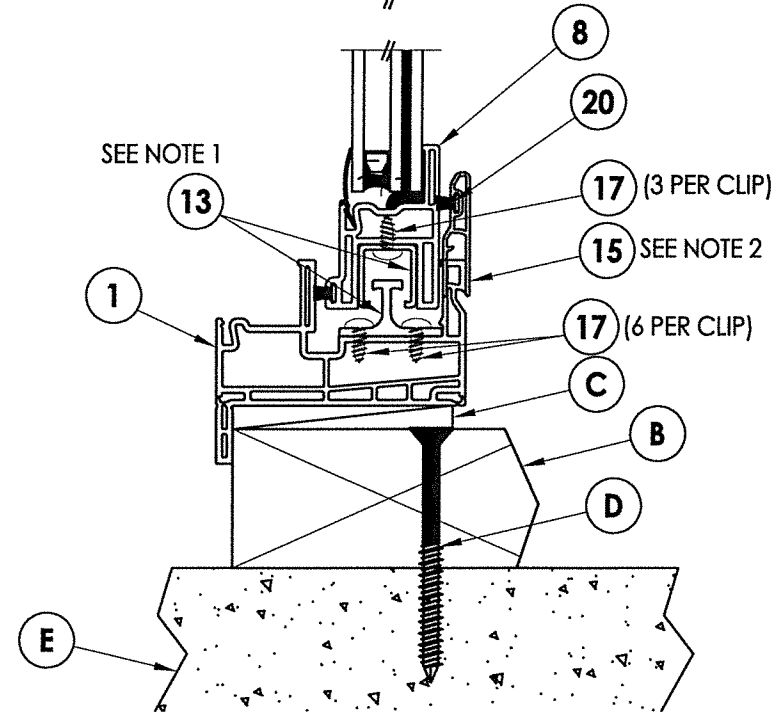
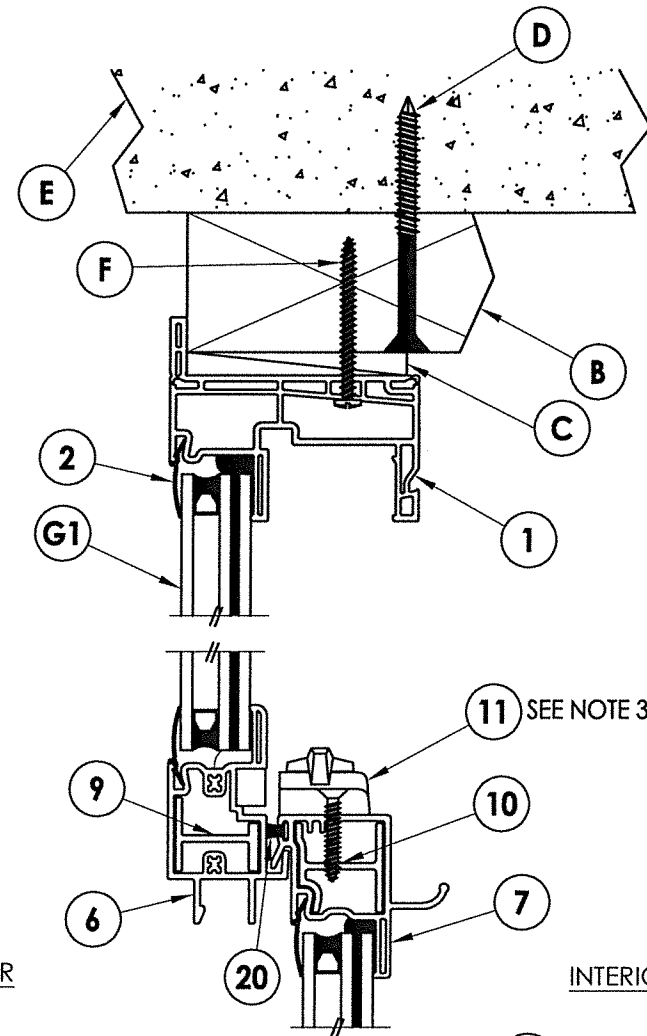
INTERIOR

EXTERIOR



EXTERIOR

INTERIOR

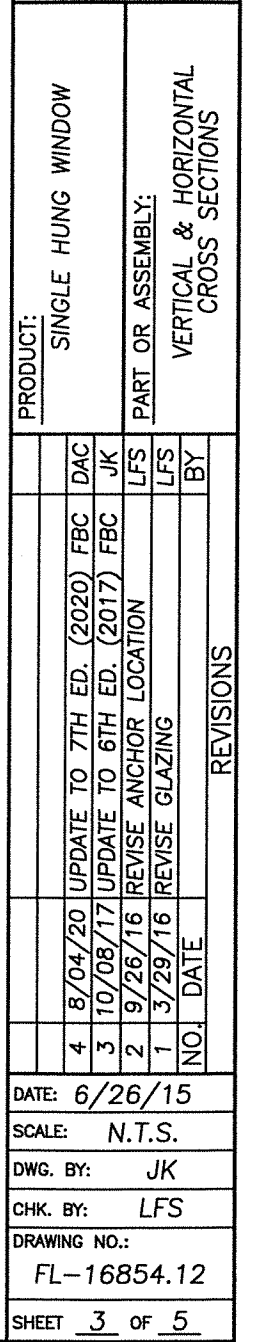
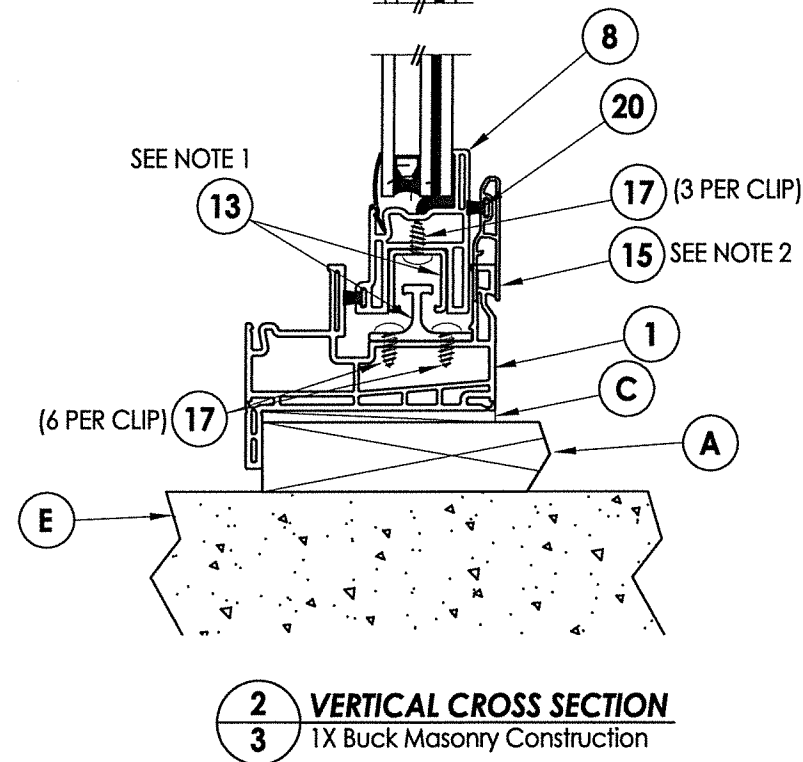


2 VERTICAL CROSS SECTION
2 2X Buck Masonry Construction

PRODUCT:		SINGLE HUNG WINDOW	
PART OR ASSEMBLY:		VERTICAL & HORIZONTAL CROSS SECTIONS	
NO.	DATE	REVISIONS	BY
4	8/04/20	UPDATE TO 7TH ED. (2020) FBC	DAC
3	10/08/17	UPDATE TO 6TH ED. (2017) FBC	JK
2	9/26/16	REVISE ANCHOR LOCATION	LFS
1	3/29/16	REVISE GLAZING	LFS

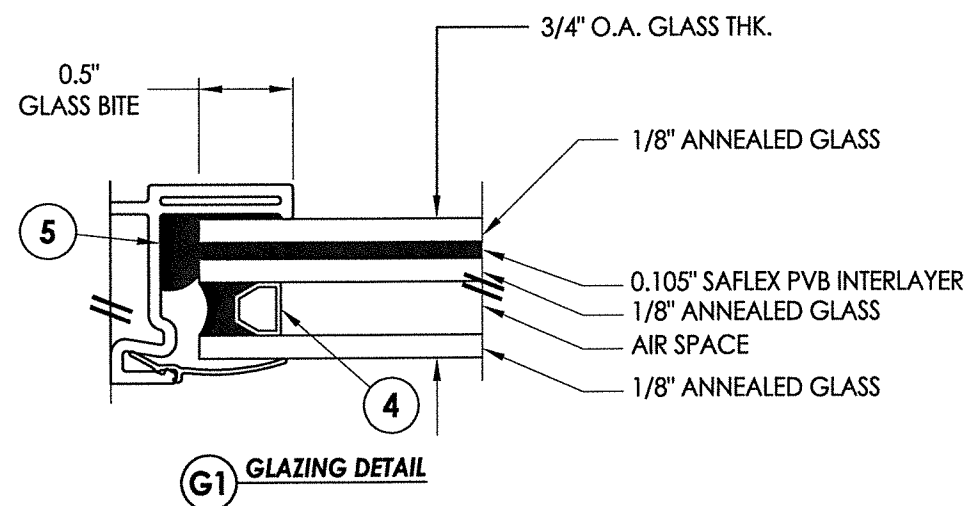
DATE: 6/26/15
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-16854.12
SHEET 2 OF 5

August 04, 2020
Documents Prepared By: Lyndon F. Schmidt
P.E. No. 43409
Professional Engineer
No. 43409
STATE OF FLORIDA
F. SCHMIDT
FL LICENSE
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

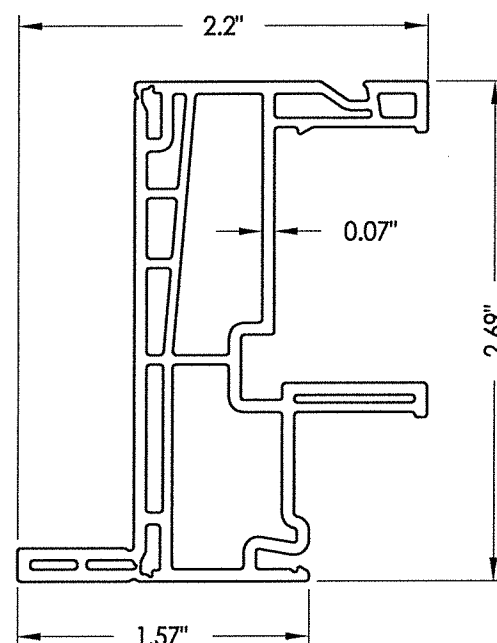


BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.55)	WOOD
B	2X BUCK (SG >= 0.55)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#8 X 1-3/4" 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")	-

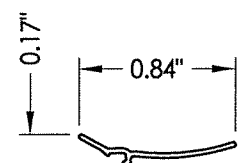
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



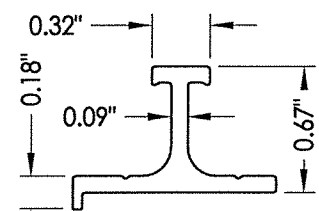
NOTE: GLAZING > 36" WIDE REQUIRES TWO (2) SETTING BLOCKS CONFORMING TO FBC SECTION 2411.3.3.1



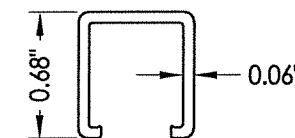
1 FRAME



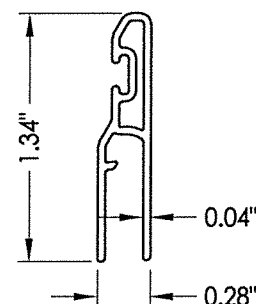
2 GLAZING BEAD



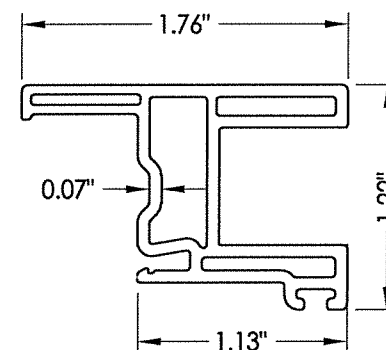
13 SILL INTERLOCK CLIP
Sill (3" Long)



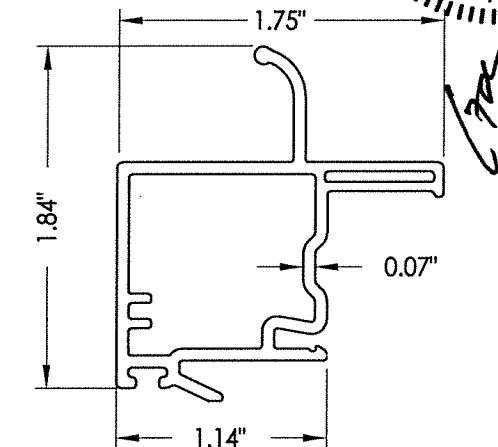
13 SILL INTERLOCK CLIP
Sash (3" Long)



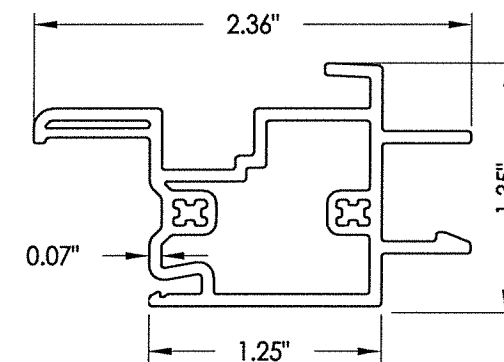
15 SILL RISER



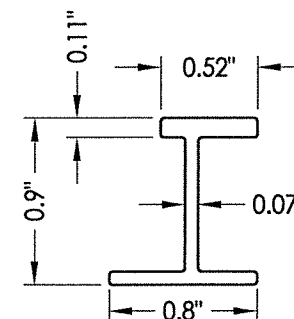
8 STILE/RAIL



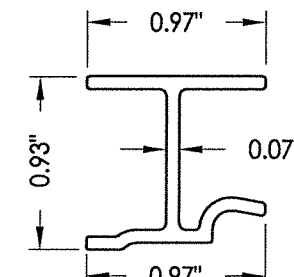
7 LOCK RAIL



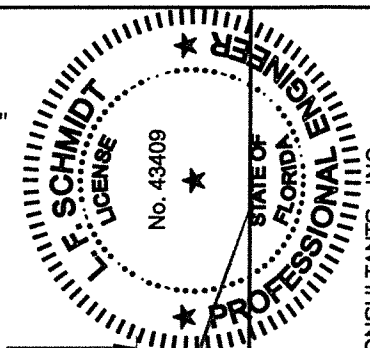
6 MEETING RAIL



9 REINFORCEMENT



10 REINFORCEMENT



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: BILL OF MATERIALS, GLAZING DETAILS & COMPONENTS														
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NO.					DATE															BY				
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SHEET 5 OF 5																								