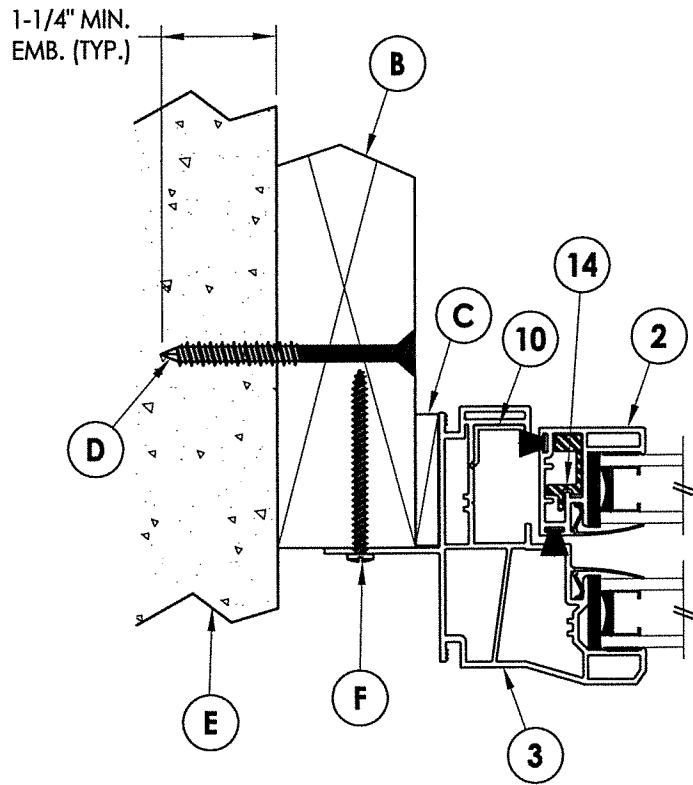
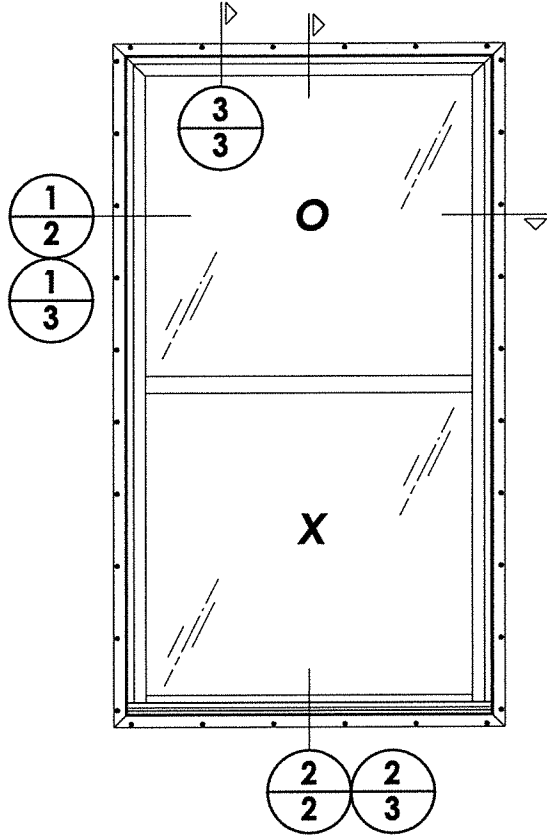


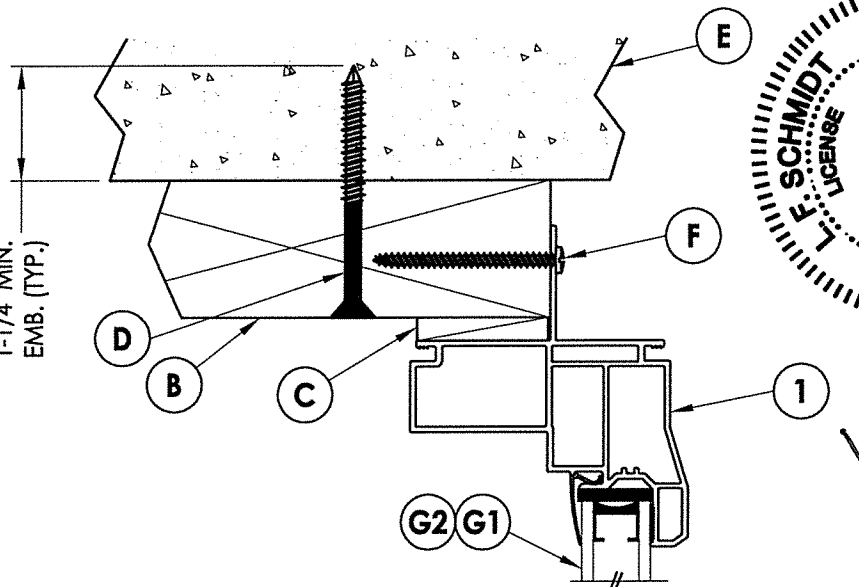
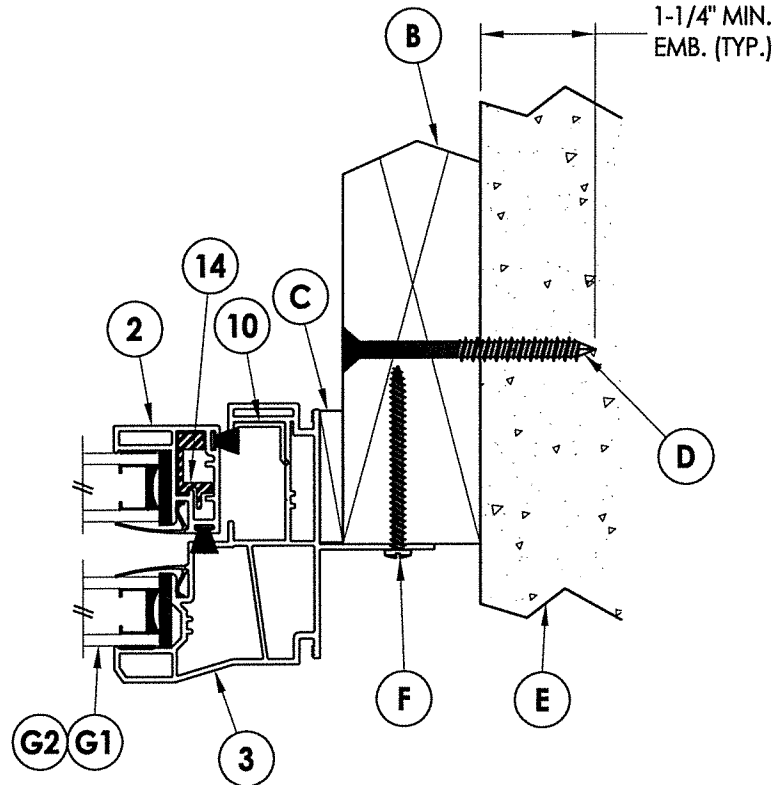


1 HORIZONTAL CROSS SECTION
2 2x Buck Construction



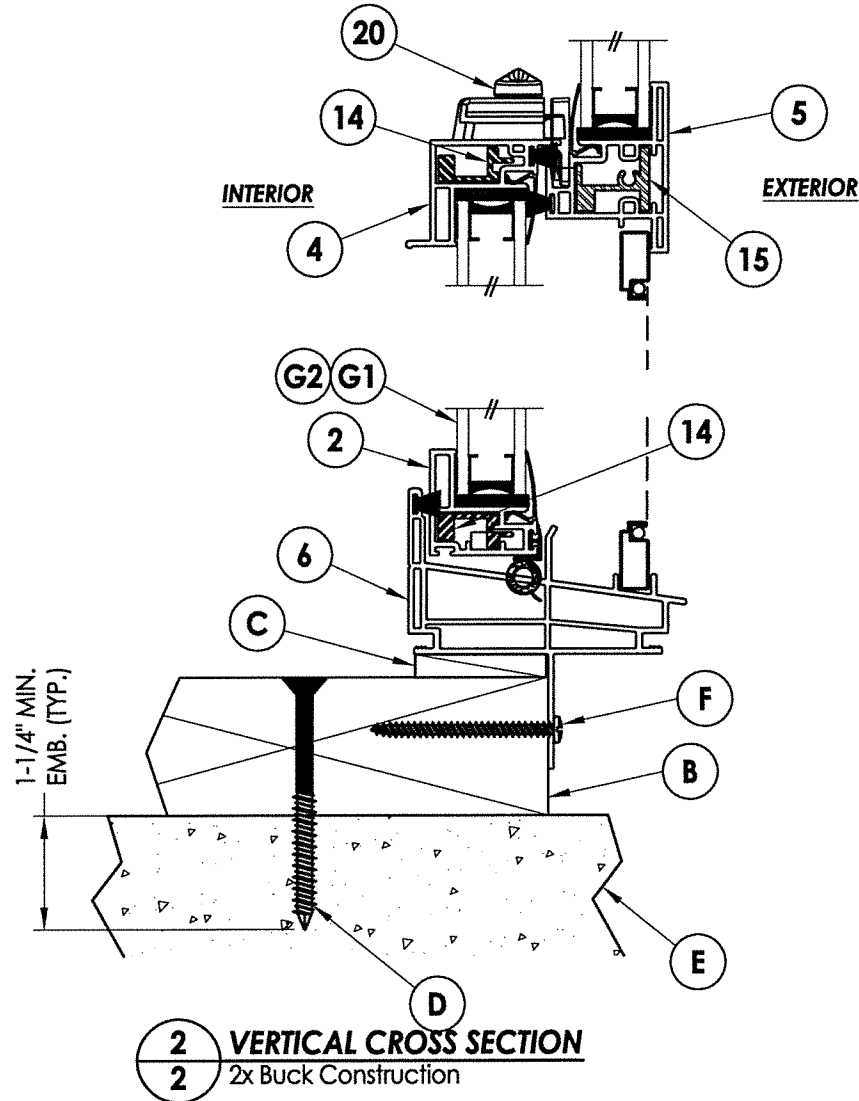
INTERIOR

EXTERIOR

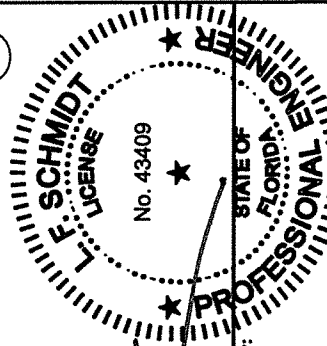


INTERIOR

EXTERIOR



2 VERTICAL CROSS SECTION
2 2x Buck Construction



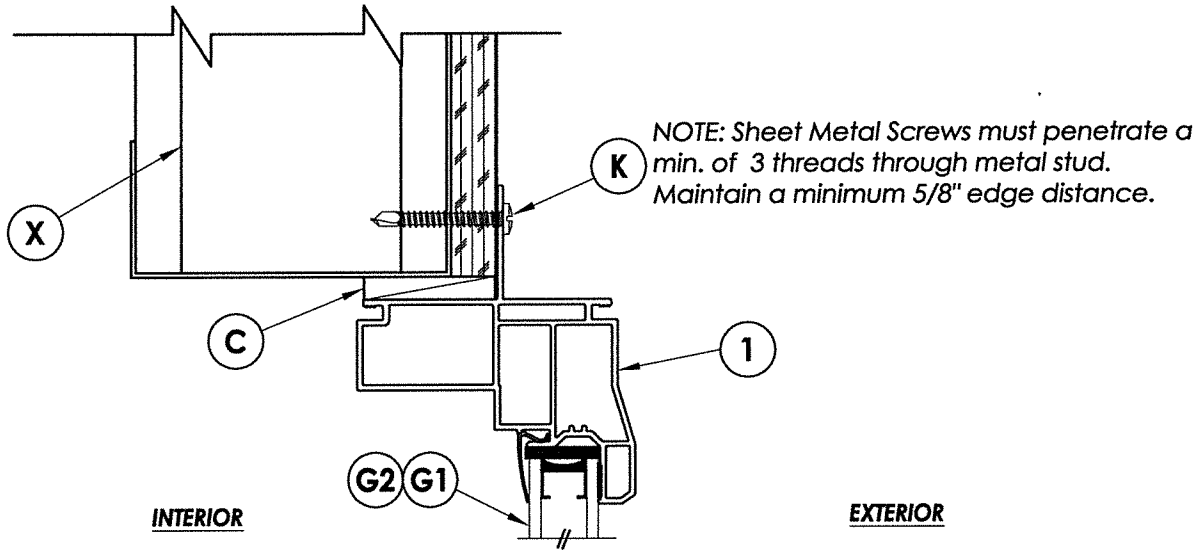
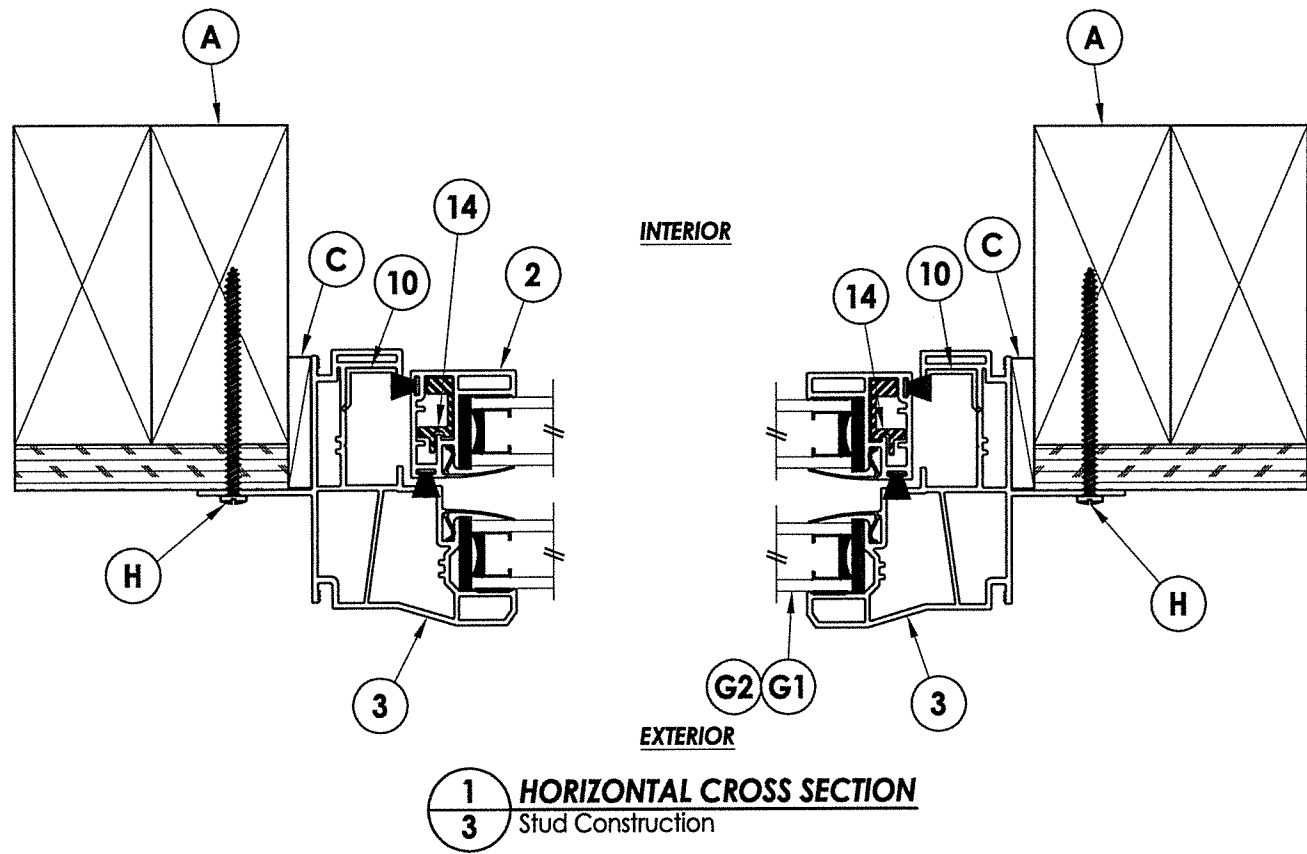
April 12, 2023

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

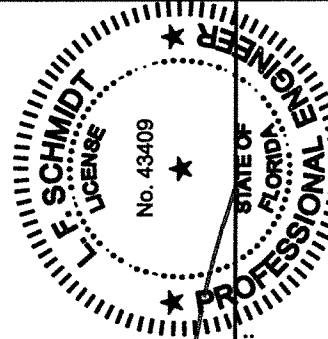
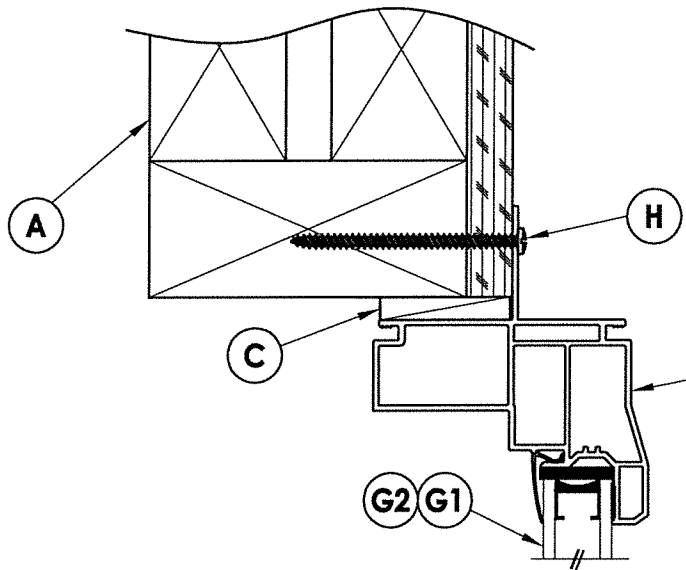
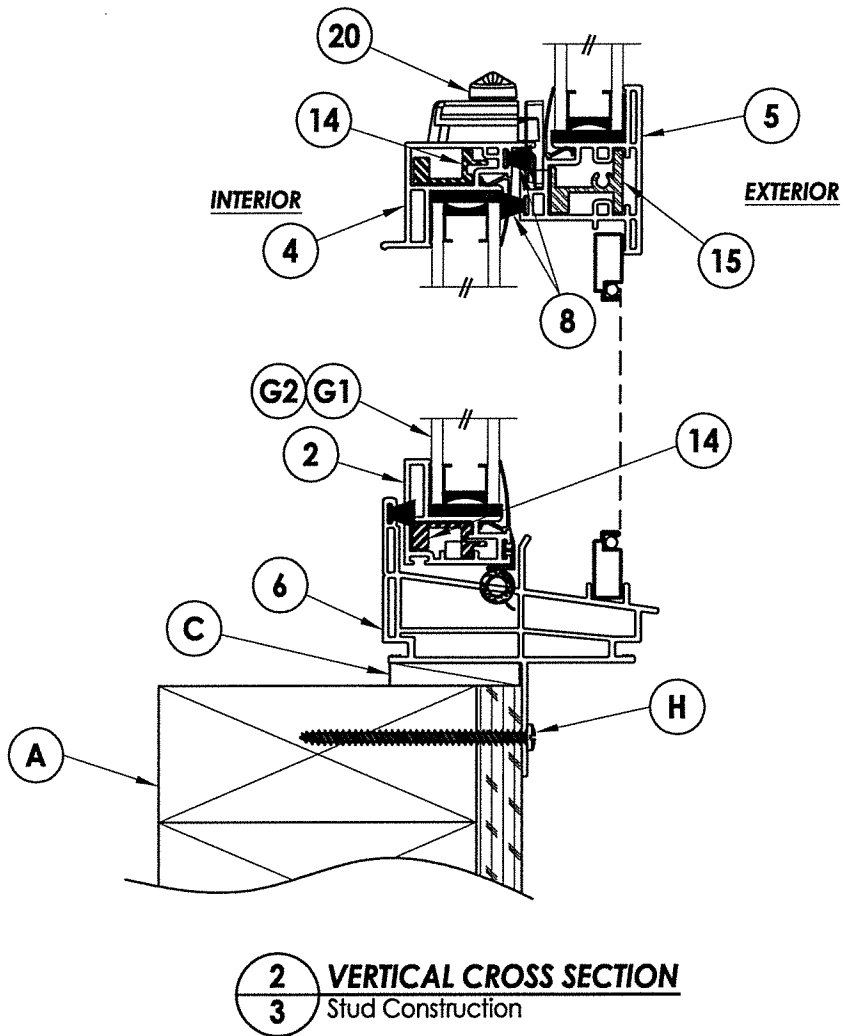
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Vairco, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:		SINGLE HUNG WINDOW	
PART OR ASSEMBLY:		VERTICAL & HORIZONTAL CROSS SECTIONS	
DATE		NO.	
3/12/18		1	
SCALE		N.T.S.	
DWG. BY		JK	
CHK. BY		LFS	
DRAWING NO.		FL-26514.2	
SHEET		2 OF 5	

Z:\Clients\Associated PERMANENT\A - Florida Product Approvals\FL-26514 Windows - Single Hung (CM)\C - Drawings\FL-26514 (2020) R4\FL-26514.2.dwg



NOTE: Sheet Metal Screws must penetrate a min. of 3 threads through metal stud. Maintain a minimum 5/8" edge distance.



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Documents Prepared By:
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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:		VERTICAL & HORIZONTAL CROSS SECTIONS	
REVISIONS			
NO.	DATE	BY	
3	4/12/23	LFS	ADD FRAME SIZES (NEW TESTING)
2	9/30/20	FBC	UPDATE TO 7TH ED. (2020)
1	2/25/19	LFS	REVISE FRAME SIZES
DATE: 3/12/18			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-26514.2			
SHEET 3 OF 5			

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

2" MAX. (TYP.)

2" MAX. (TYP.)

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

FRAME

2X BUCK

MASONRY OPENING

F (TYP.)

G WOOD (TYP.)

2X WOOD STUD
FRAMING BY OTHERS

9" MAX O.C. (TYP.)

2" MAX. (TYP.)

2" MAX. (TYP.)

9" MAX O.C. (TYP.)

K STEEL
G WOOD (TYP.)

K STEEL
H WOOD (TYP.)

* *

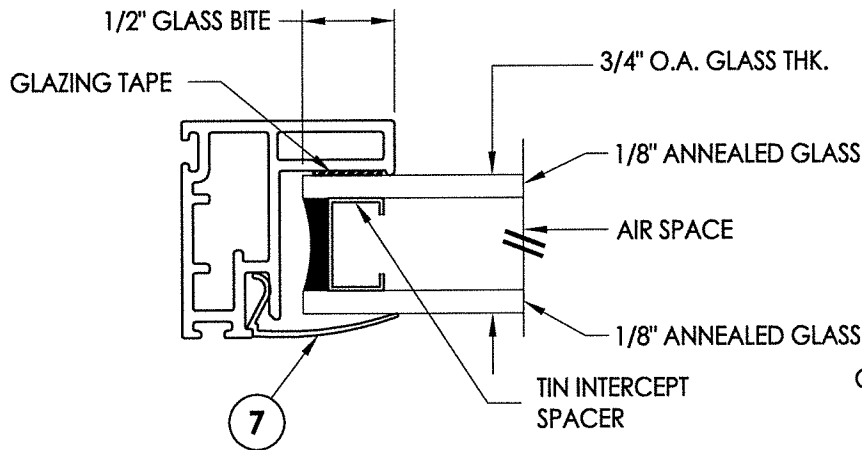
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

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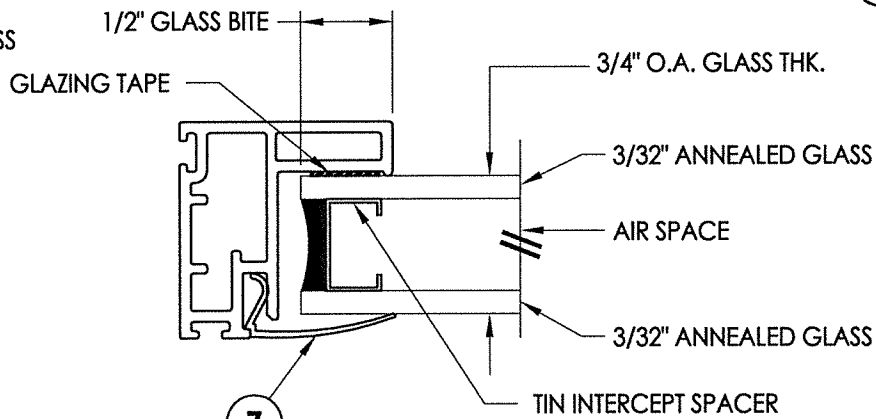
Z:\Clients\Associated PERMANENT\A - Florida Product Approvals\FL-26514 Windows - Single Hung (CM)\C - Drawings\FL-26514 (2020) R4\FL-26514.2.dwg

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	2X FRAMING (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	#8 X 2" PPH SMS (1-3/4" MIN. EMBEDMENT)	STEEL
G	#8 X 2" PPH SMS (1-1/4" MIN. EMBEDMENT)	STEEL
H	#8 X 2-1/2" PPH SMS (1-3/4" MIN. EMBEDMENT)	STEEL
K	#10 PPH SELF-DRILLING SMS	STEEL
X	STEEL STUD Min. Thk .033" (ASTM A653 GRADE 33 Fy=33 Ksi Min, Fu=45 Ksi Min)	STEEL
1	EXTRUDED VINYL FRAME HEAD*	RIGID PVC
2	EXTRUDED VINYL SASH STILE/RAIL*	RIGID PVC
3	EXTRUDED VINYL FRAME JAMB*	RIGID PVC
4	EXTRUDED VINYL LOCK RAIL*	RIGID PVC
5	EXTRUDED VINYL MEETING STILE*	RIGID PVC
6	EXTRUDED VINYL SILL*	RIGID PVC
7	EXTRUDED VINYL GLAZING BEAD*	RIGID PVC
8	WEATHERSTRIP (FIN PILE)	-
10	JAMB CLIP (@ TILT LATCH)	ST. STEEL
14	SASH / STILE & RAIL REINFORCEMENT (S-047)(6063-T5)	ALUM
15	MEETING RAIL REINFORCEMENT (S-065)(6063-T5)	ALUM
20	CAM LOCK	-

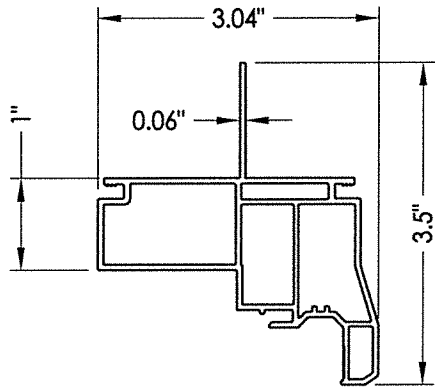
*THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS."



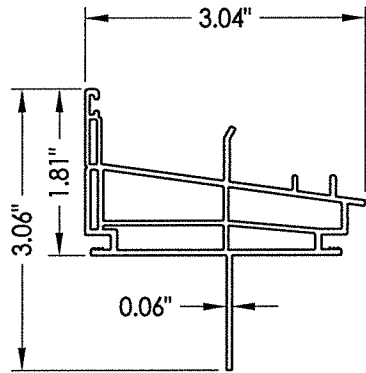
G1 GLAZING DETAIL



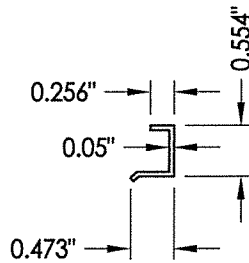
G2 GLAZING DETAIL



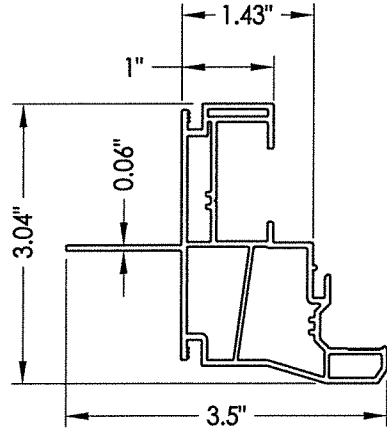
1 FRAME HEAD



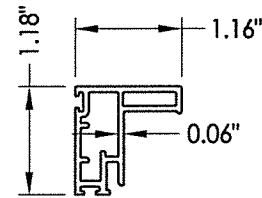
6 SILL



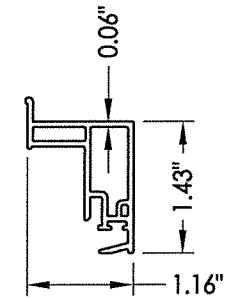
10 JAMB CLIP



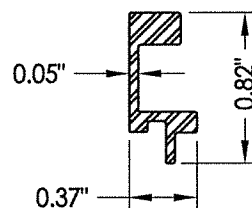
3 FRAME JAMB



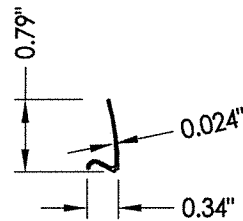
2 SASH STILE/RAIL



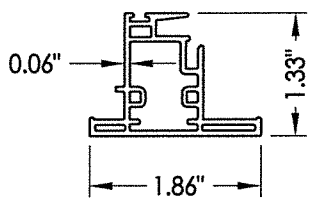
4 LOCK STILE



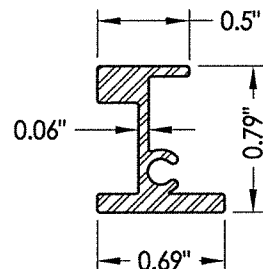
14 SASH / STILE & RAIL REINFORCEMENT



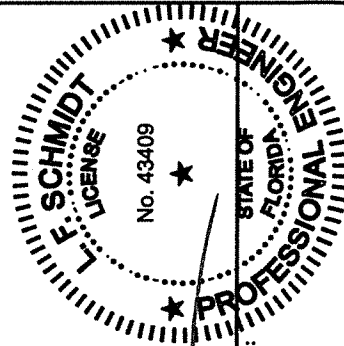
7 GLAZING BEAD



5 MEETING RAIL



15 MEETING RAIL REINFORCEMENT



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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:		SINGLE HUNG WINDOW	
PART OR ASSEMBLY:		BILL OF MATERIALS, GLAZING DETAILS & COMPONENTS	
		REVISIONS	
		LFS	BY
3	4/12/23	ADD FRAME SIZES (NEW TESTING)	LFS
2	9/30/20	UPDATE TO 7TH ED. (2020) FBC	LFS
1	2/25/19	REVISE FRAME SIZES	LFS
	NO.	DATE	
DATE:		3/12/18	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-26514.2	
SHEET		5	OF 5