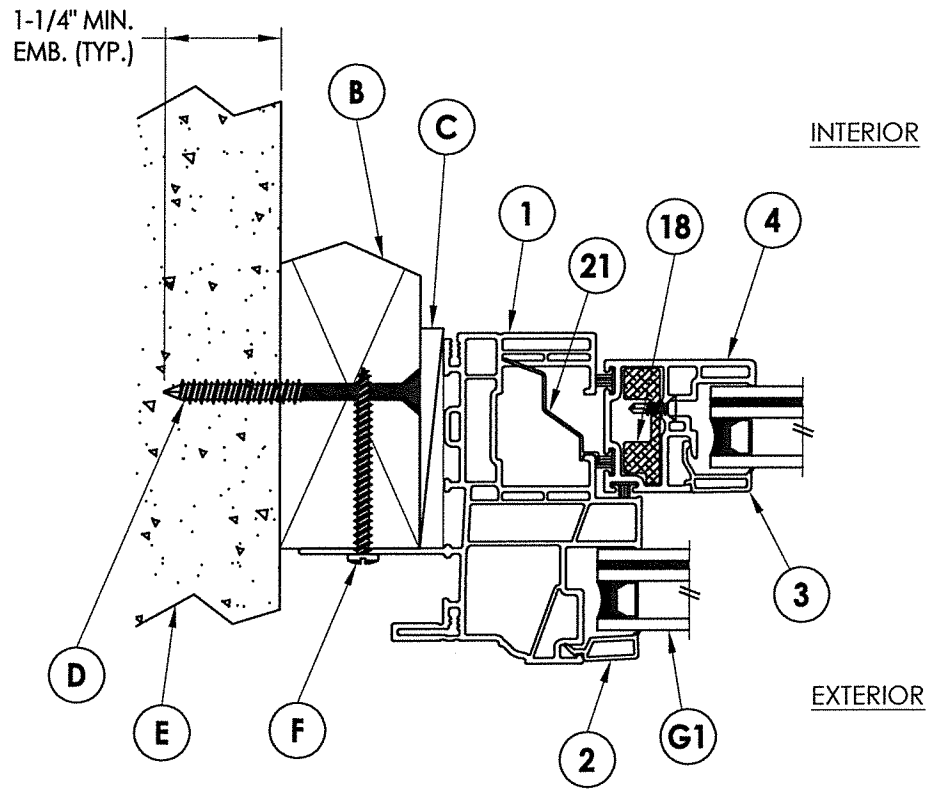
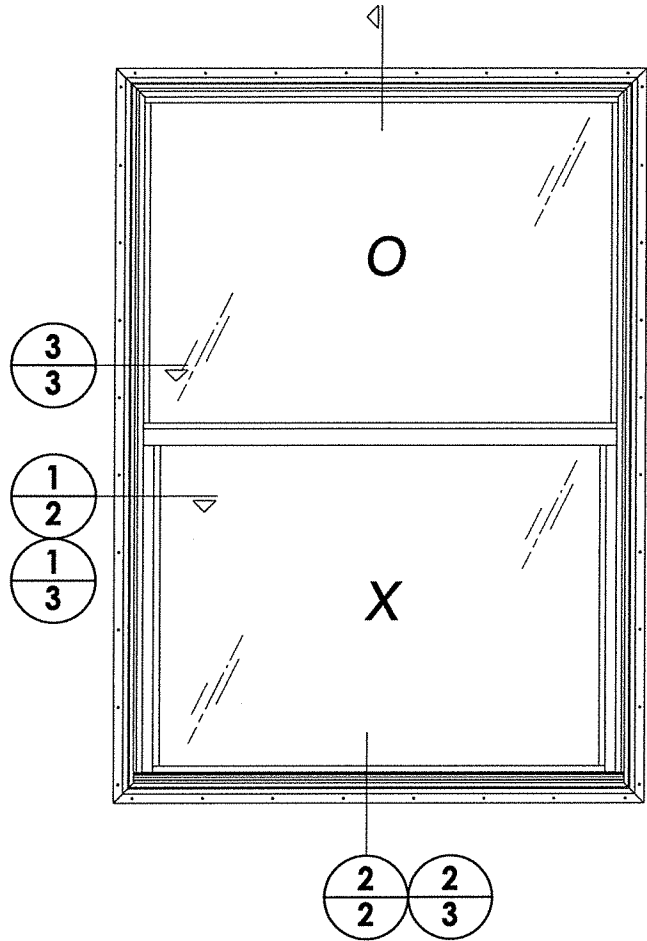


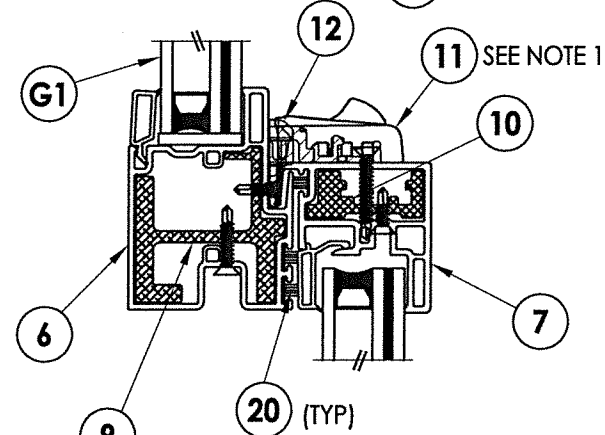
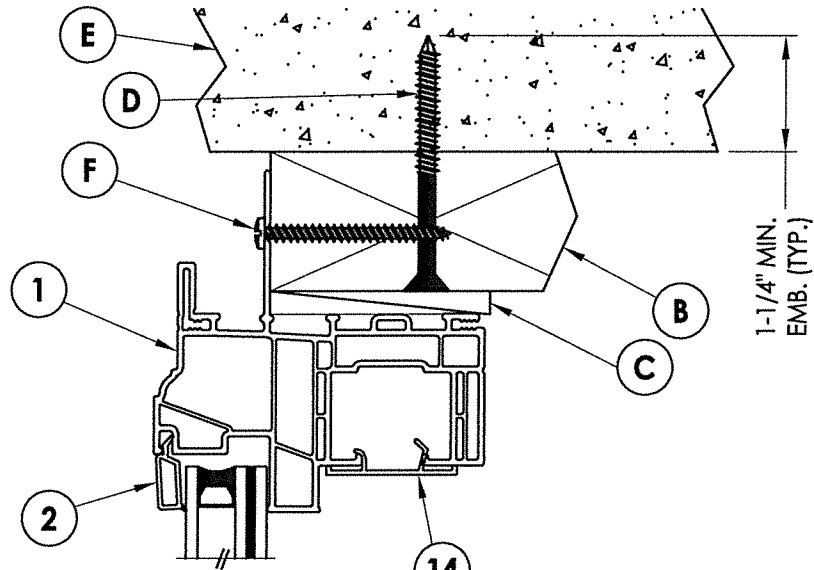
\\dc01\wbc\Clients\Doers PERMANENTVA - Florida Product Approvals\FL-16854 Windows - Single HungC - Drawings\FL-16854 (2020)\FL-16854.3.dwg

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



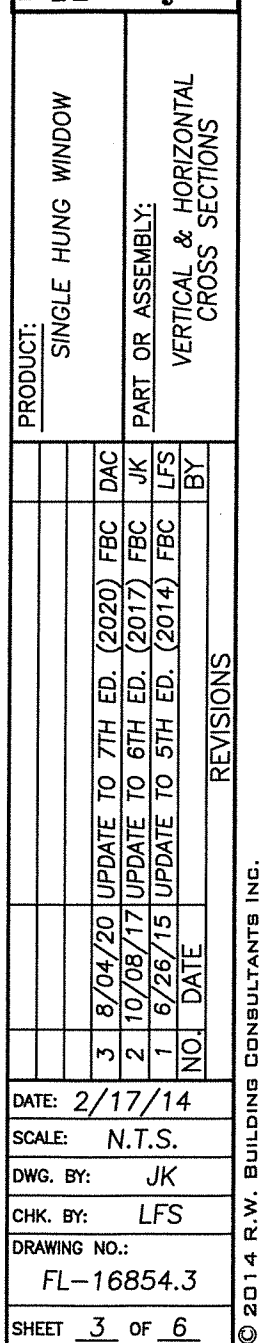
1 HORIZONTAL CROSS SECTION
2 2X Buck Masonry Construction

EXTERIOR

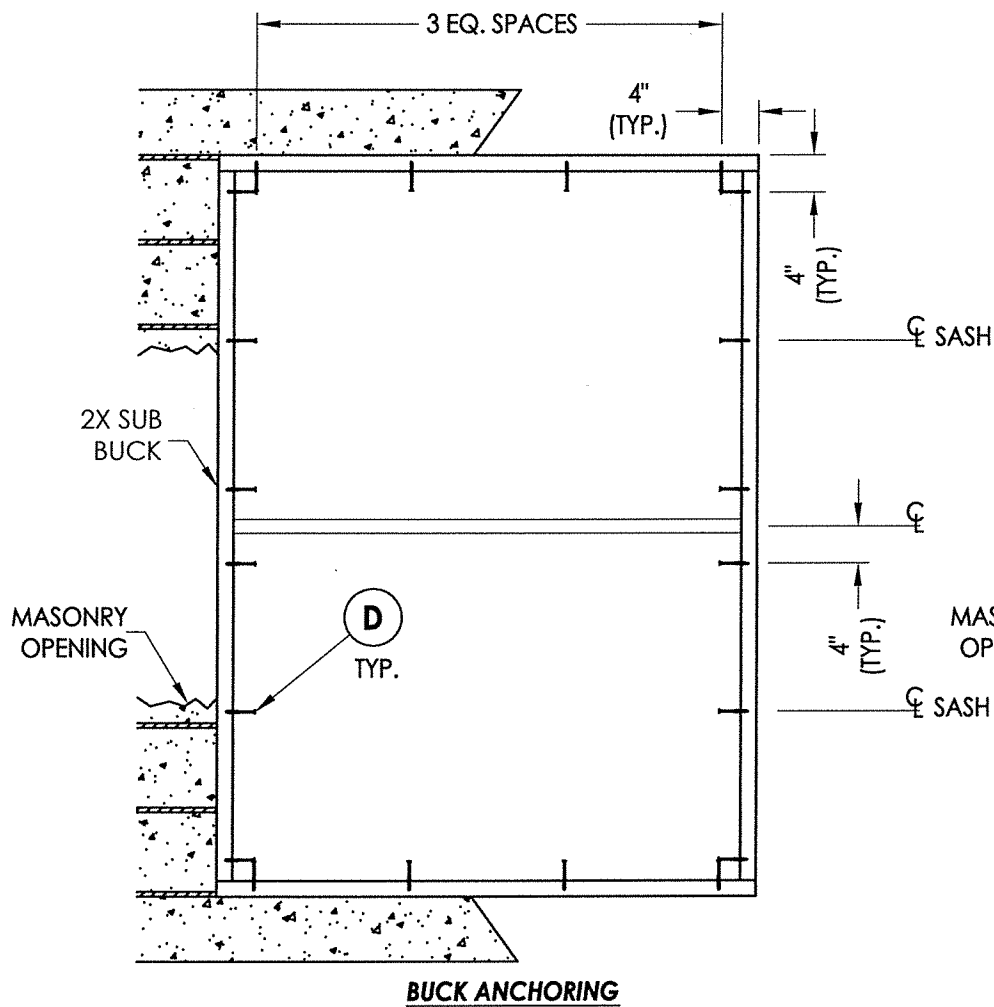




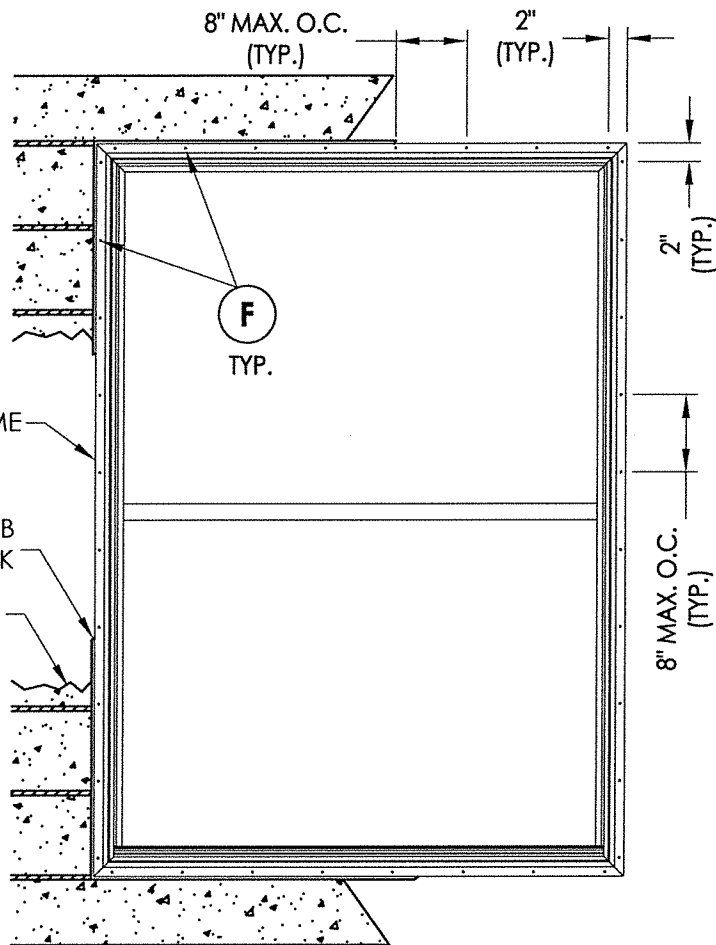
NOTE: Sheet Metal Screws must penetrate a min. of 3 threads through metal.



\\dc01\wbc\Clients\Doers PERMANENTVA - Florida Product Approvals\FL-16854 Windows - Single Hung\C - Drawings\FL-16854 (2020)\FL-16854.3.dwg

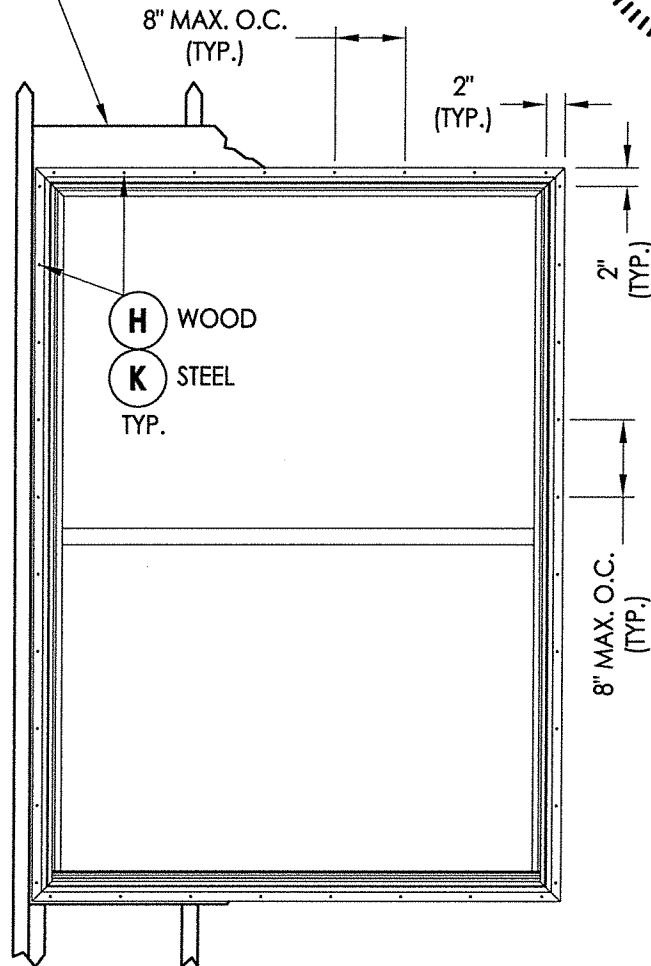


BUCK ANCHORING



FRAME ANCHORING
2X Buck Masonry
Construction

2X/STEEL STUD FRAMING TO BE DESIGNED
BY THE ENGINEER OR ARCHITECT
OF RECORD BASED ON WIND LOADS
AND THE CLADDING BEING USED.



FRAME ANCHORING
Stud Construction

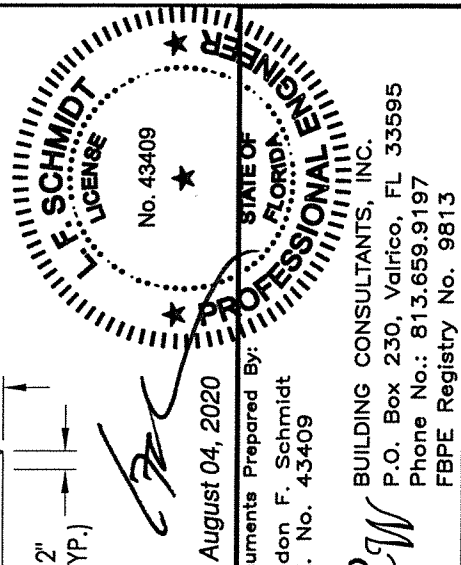
CONCRETE ANCHOR NOTES:

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

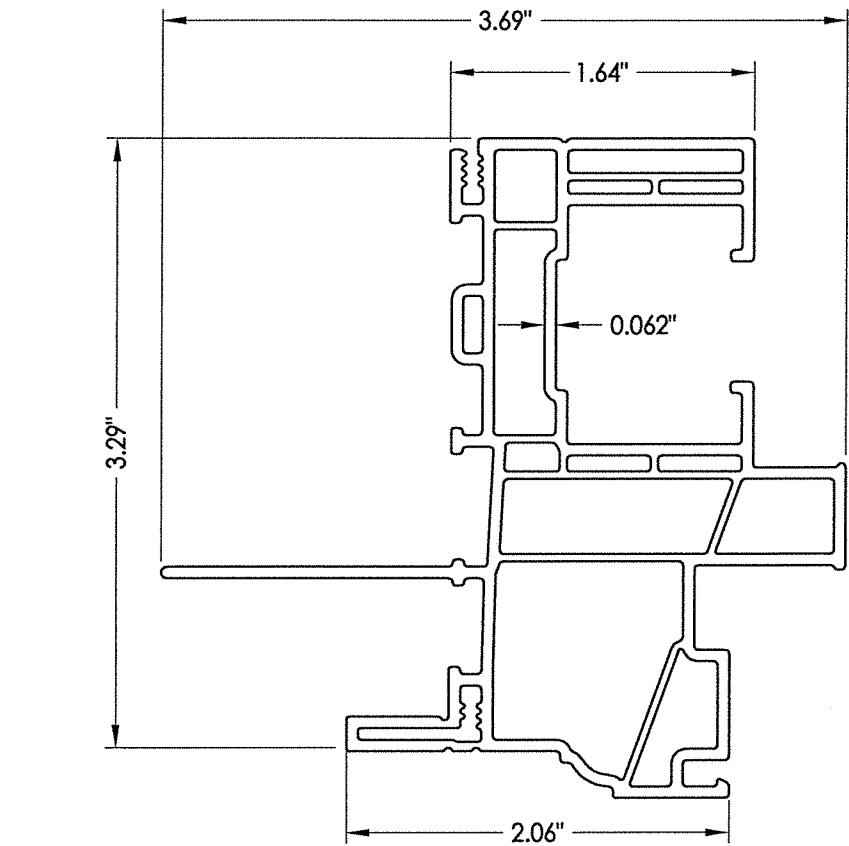
SCALE: N.T.S.

DWG. BY: JK

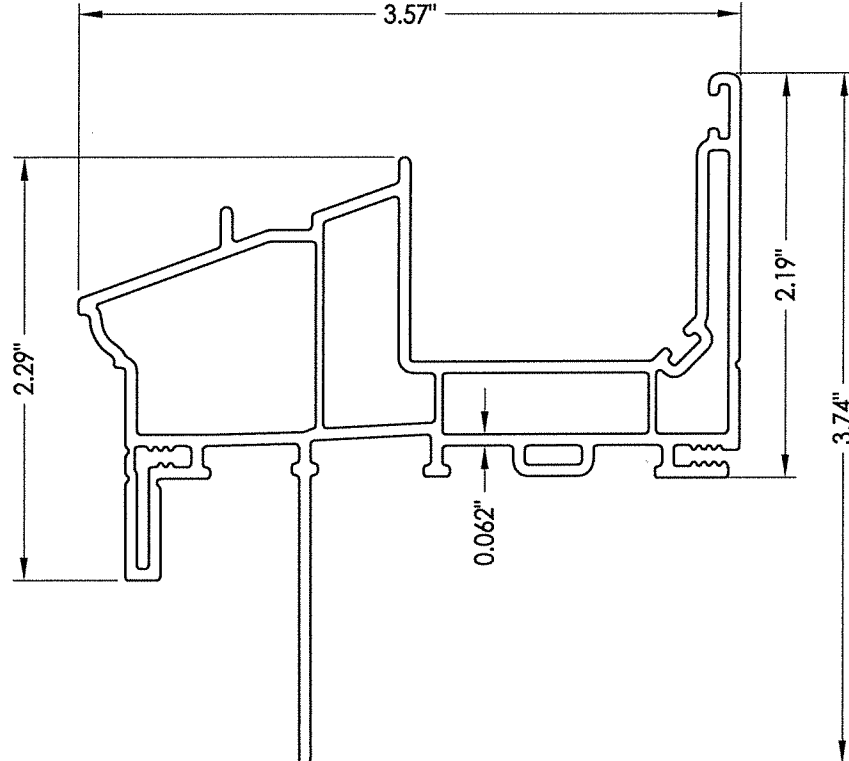
CHK. BY: LFS

DRAWING NO.:
FL-16854.3

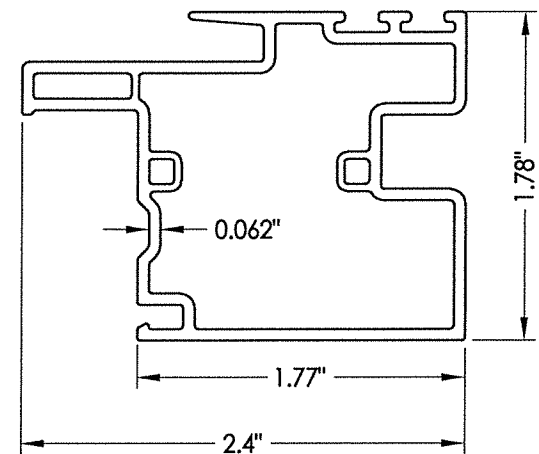
SHEET 4 OF 6



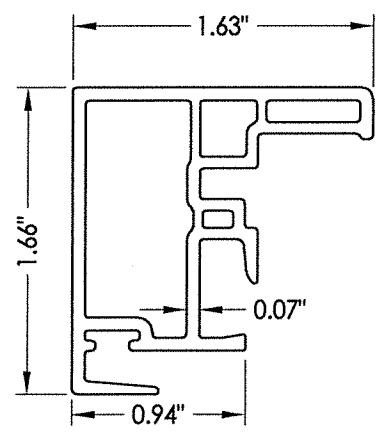
1 FRAME



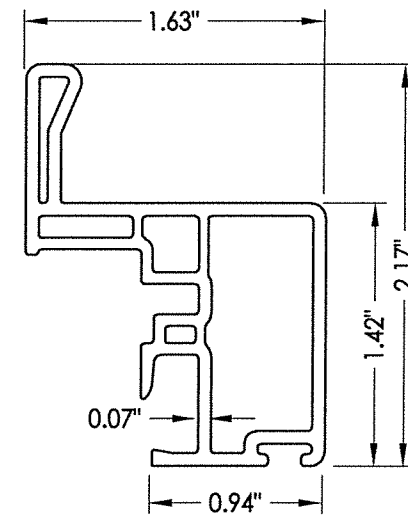
4 SILL



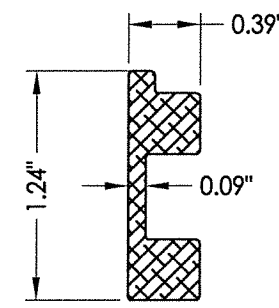
6 MEETING RAIL



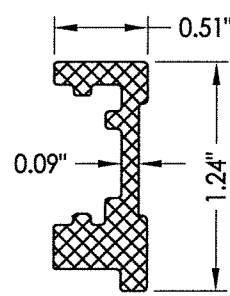
7 LOCK RAIL



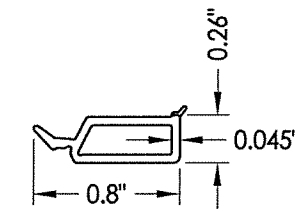
8 BOTTOM RAIL



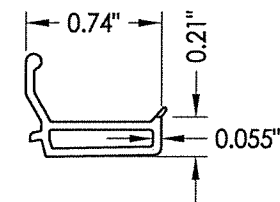
18 STILE REINFORCEMENT



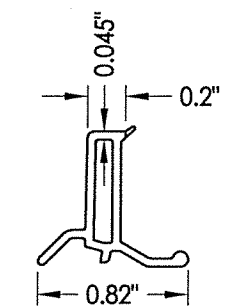
10 LOCK RAIL REINFORCEMENT



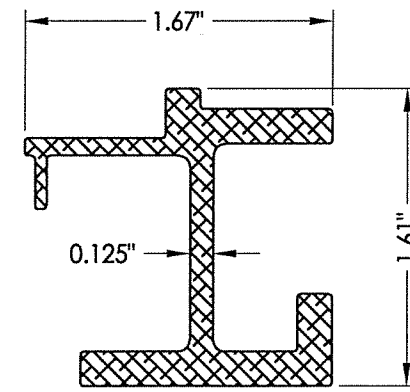
2 GLAZING BEAD



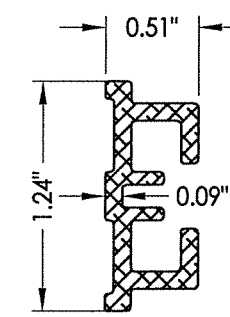
3 GLAZING BEAD



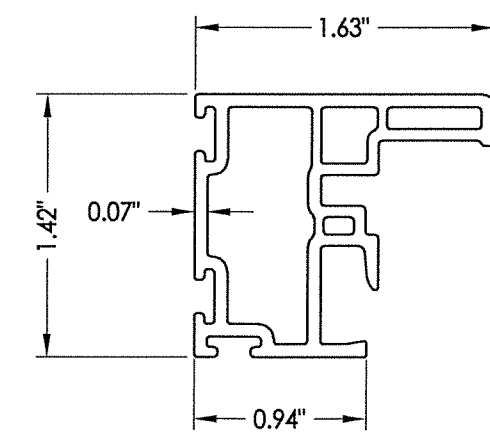
22 GLAZING BEAD
W/ Drip edge



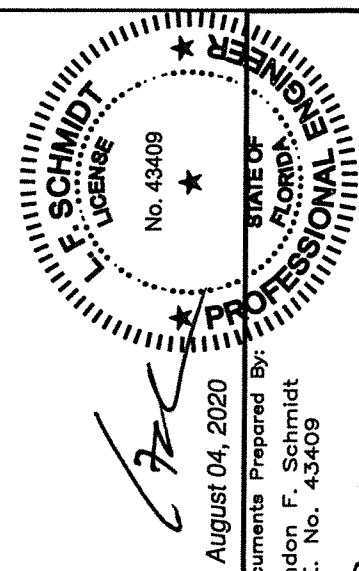
9 MEETING RAIL REINFORCEMENT



13 BOTTOM RAIL REINFORCEMENT



5 STILE



August 04, 2020

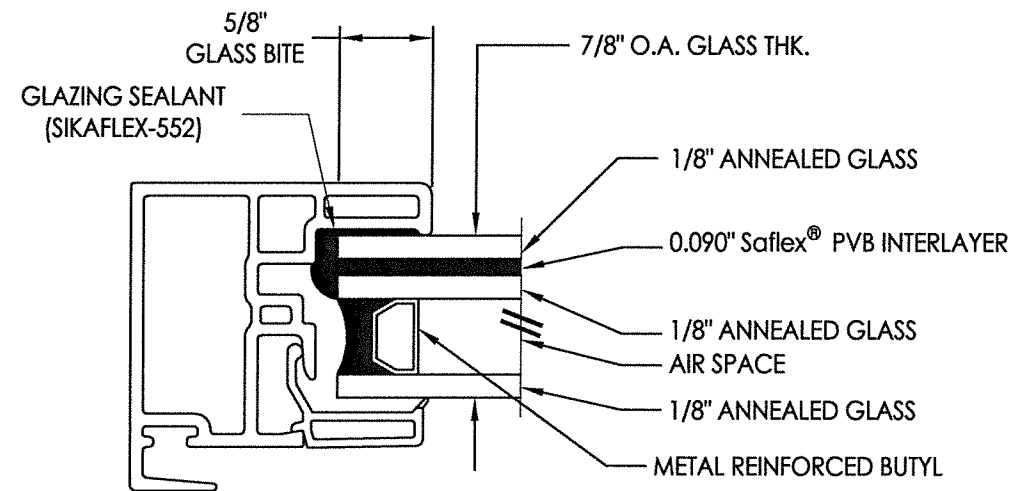
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

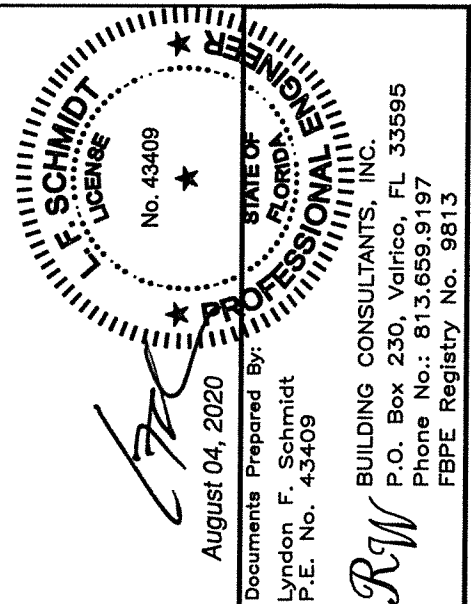
PRODUCT:		SINGLE HUNG WINDOW				PART OR ASSEMBLY:				COMPONENTS			

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



G1 GLAZING DETAIL



DATE: 2/17/14		PRODUCT: SINGLE HUNG WINDOW	
SCALE: N.T.S.		PART OR ASSEMBLY: BILL OF MATERIALS AND GLAZING DETAILS	
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-16854.3			
SHEET 6 OF 6			