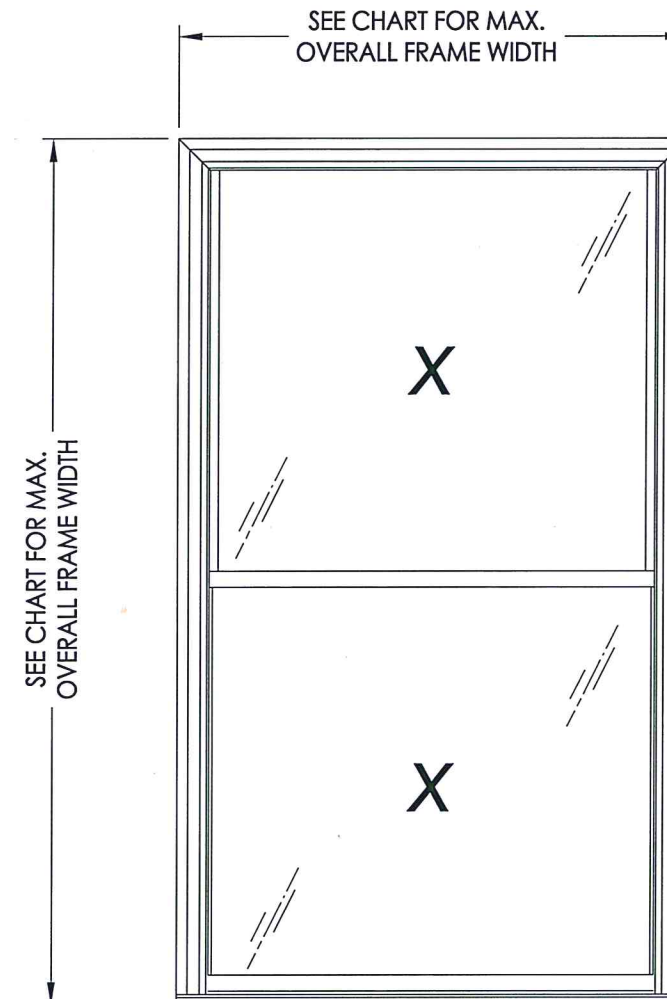




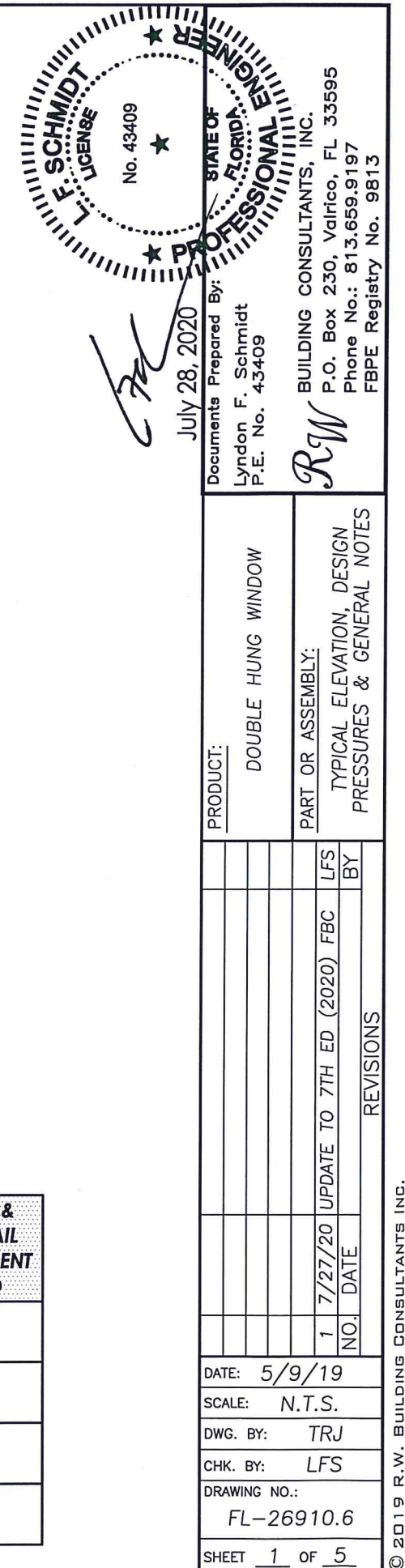
GENERAL NOTES

1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements excluding 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 areas requiring wind borne debris protection, this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
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	Buck & frame anchoring
4	Components
5	Bill of materials and glazing details



MAX. OVERALL FRAME DIMENSION	MAX DAY LITE DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)		SASH STILE & BOTTOM RAIL REINFORCEMENT REQUIRED
			POS.	NEG.	
44.0" X 75.0"	38.0" x 34.0"	G1	+25.0	-25.0	NO
44.0" X 75.0"	38.0" x 34.0"	G1	+45.0	-45.0	YES
40.0" X 63.0"	34.0" x 28.0"	G2	+35.0	-35.0	NO
40.0" X 63.0"	34.0" x 28.0"	G1	+50.0	-50.0	YES



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

(D)

(F)

(8)

(5)

SEE NOTE 3

INTERIOR

(G1) (G2)

(5)

(3)

(15)

SEE NOTE 3

EXTERIOR

(G1) (G2)

(E)

(B)

2
2 **HORIZONTAL CROSS SECTION**
2X Buck Masonry Construction

3 HORIZONTAL CROSS SECTION
2 1X Buck Masonry Construction

penetrate a min. of 3 threads through at least 2 sheets of metal.

SEE NOTE 3

INTERIOR

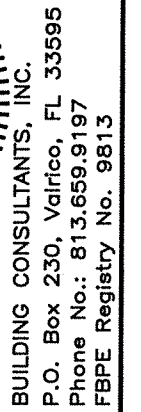
EXTERIOR

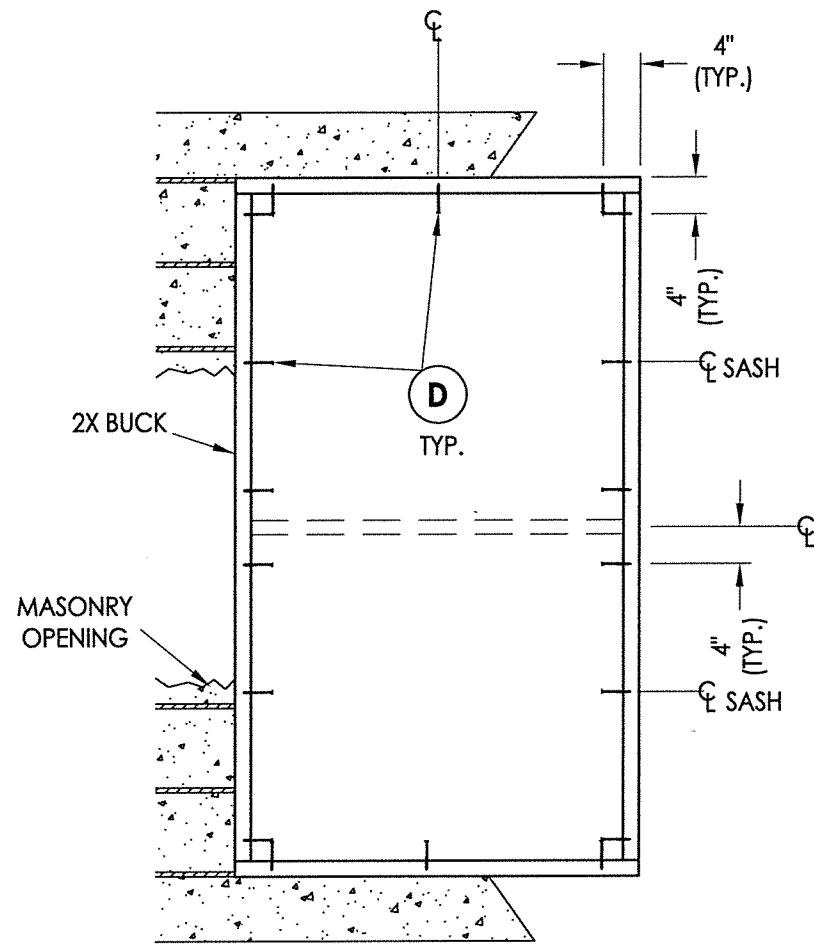
SEE NOTE 3

4 **HORIZONTAL CROSS SECTION**

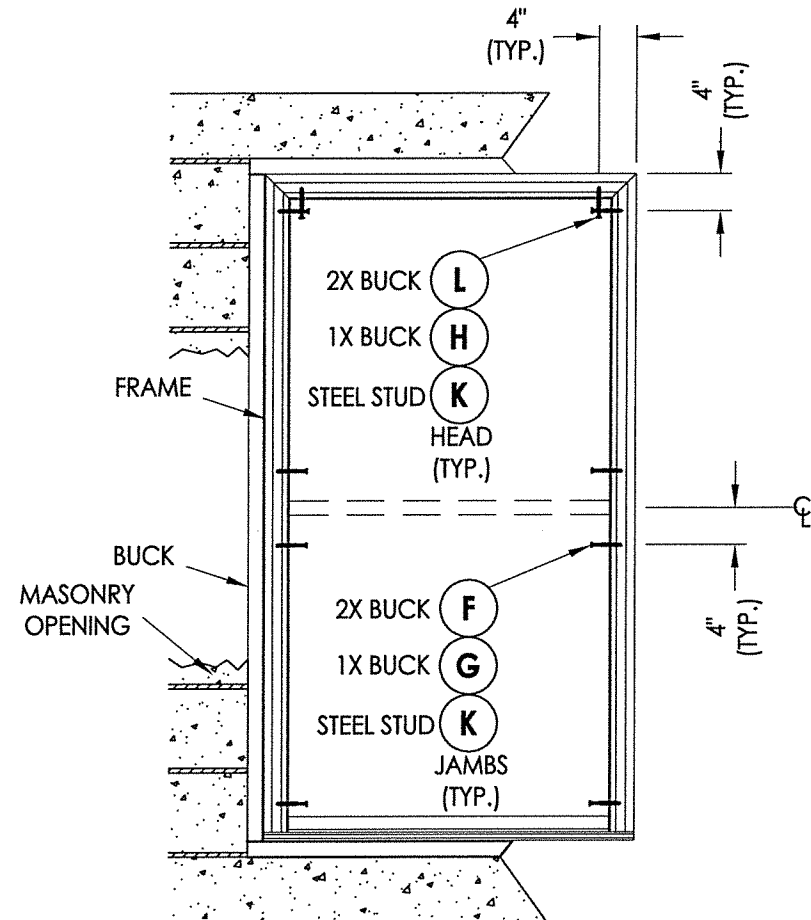
2 Metal Stud Construction

EXTERIOR

[illegible][illegible]



BUCK ANCHORING



FRAME ANCHORING
2X Buck Masonry
Construction

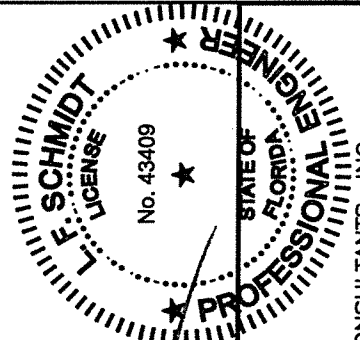
CONCRETE ANCHOR NOTES:

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"
ELCO ULTRACON®	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.



July 28, 2020

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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: DOUBLE HUNG WINDOW

PART OR ASSEMBLY:
BUCK & FRAME
ANCHORING

NO.	DATE	REVISIONS
1	7/27/20	UPDATE TO 7TH ED (2020) FBC

DATE: 5/9/19

SCALE: N.T.S.

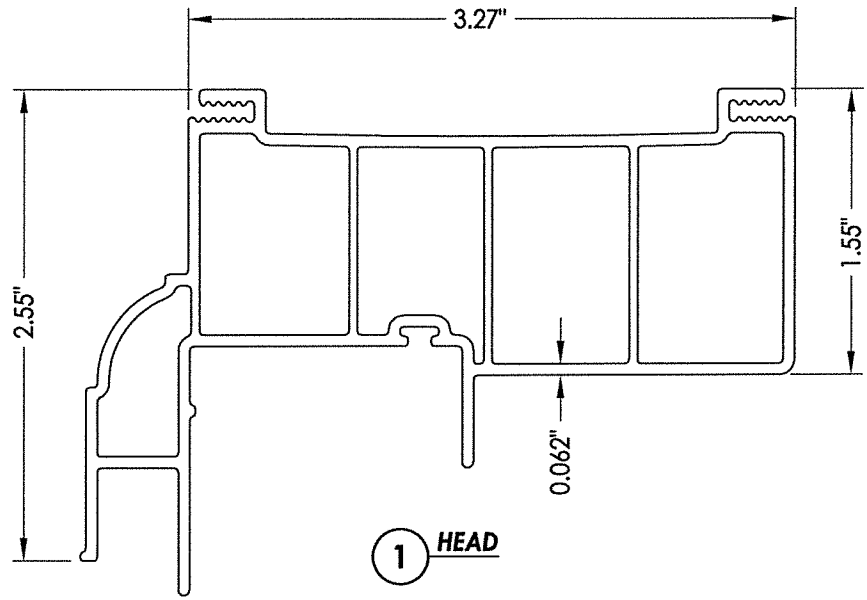
DWG. BY: TRJ

CHK. BY: LFS

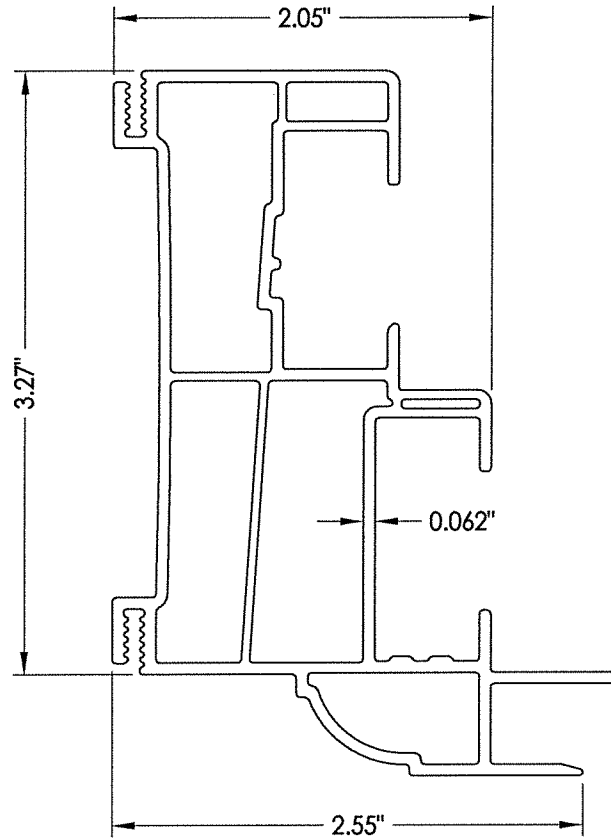
DRAWING NO.:

FL-26910.6

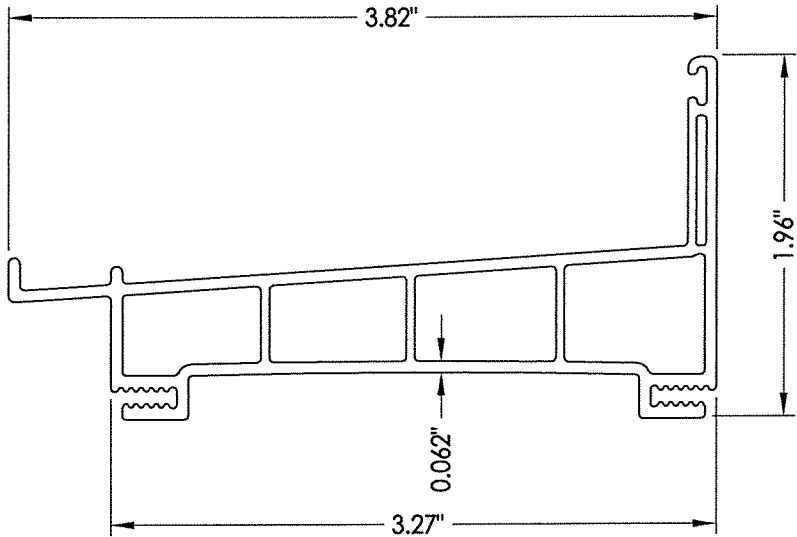
SHEET 3 OF 5



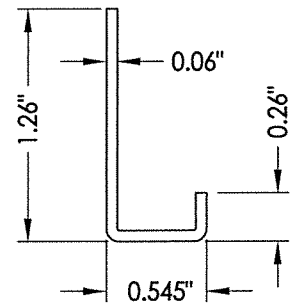
1 HEAD



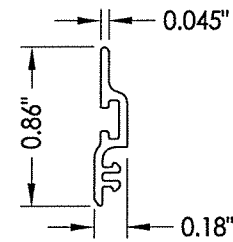
3 JAMB



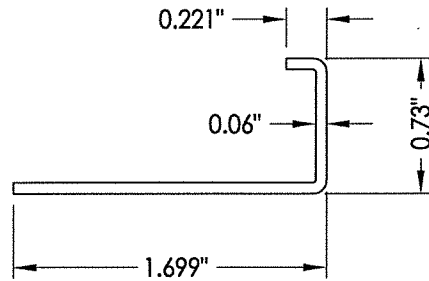
4 SILL



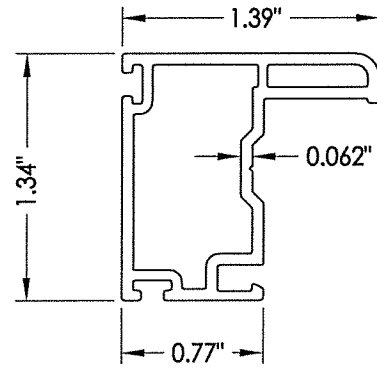
20 JAMB REINFORCEMENT
1" WIDE



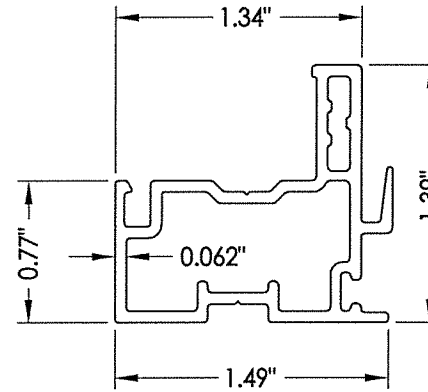
19 SILL RISER



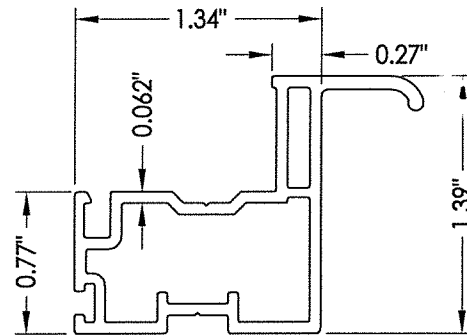
25 J-CHANNEL REINFORCEMENT
24" WIDE



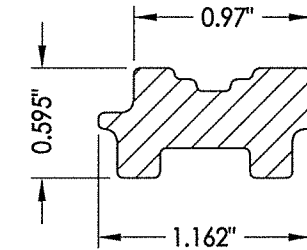
5 STILE



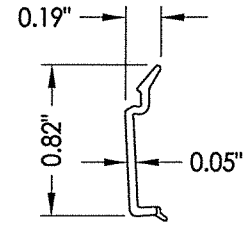
6 KEEPER RAIL



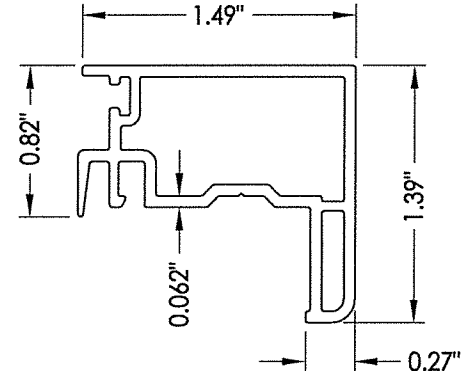
8 BOTTOM LIFT RAIL



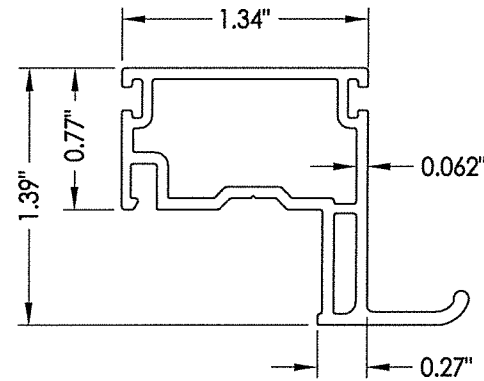
14 LOCK RAIL REINFORCEMENT



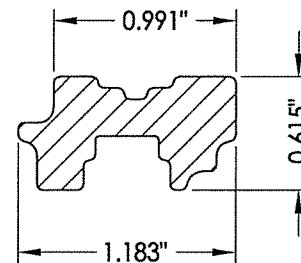
2 GLAZING BEAD



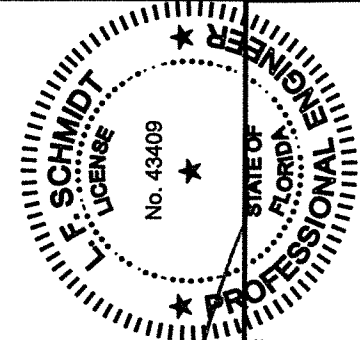
7 LOCK RAIL



9 PULL RAIL



15 STILE/RAIL REINFORCEMENT



July 28, 2020

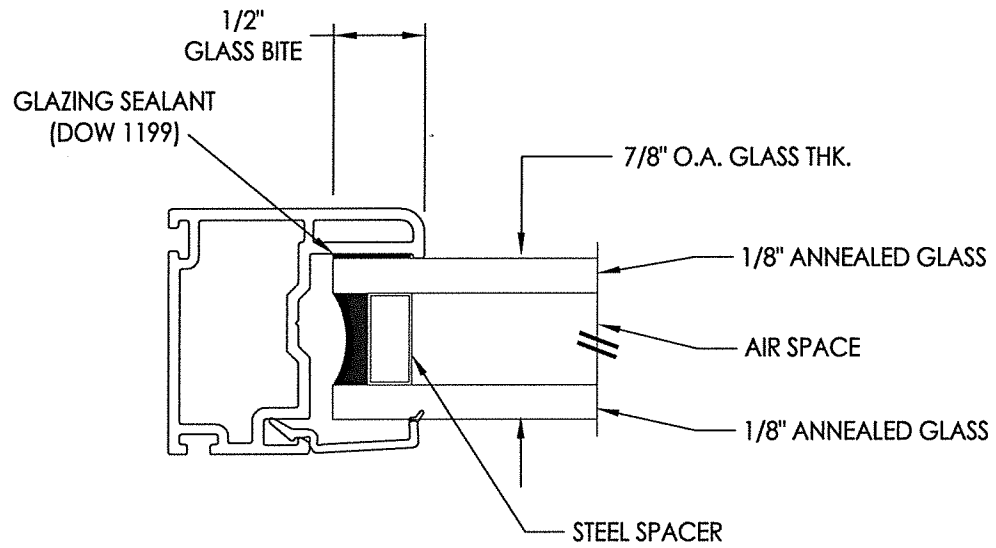
Documents Prepared By:
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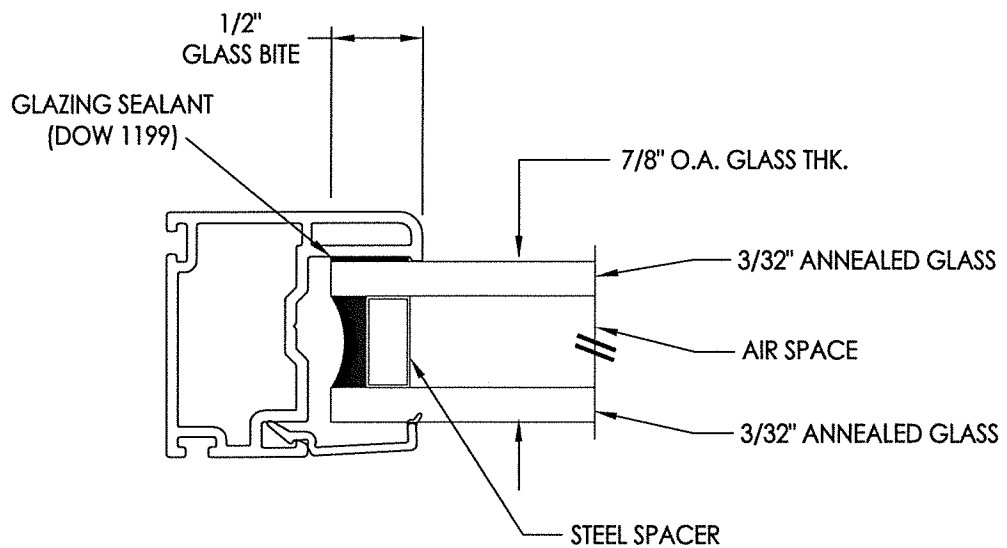
PRODUCT:		PART OR ASSEMBLY:	
DOUBLE HUNG WINDOW		COMPONENTS	
NO.	DATE	BY	REVISIONS
1	7/27/20	LFS	UPDATE TO 7TH ED. (2020) FBC
DATE: 5/9/19			
SCALE: N.T.S.			
DWG. BY: TRJ			
CHK. BY: LFS			
DRAWING NO.: FL-26910.6			
SHEET 4 OF 5			

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	2X STUD (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	3/16" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH ELCO 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 2-1/2" PPH SMS (1-3/16" MIN. EMBEDMENT)	STEEL
G	1/4" X 3-1/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
H	1/4" X 3-3/4" PFH ELCO OR ITW CONCRETE SCREW	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
L	#8 X 3" PPH SMS (1-3/16" MIN. EMBEDMENT)	STEEL
1	HEAD (901A)*	RIGID PVC
2	GLAZING BEAD (716A)*	RIGID PVC
3	JAMB (903)*	RIGID PVC
4	SILL (702)*	RIGID PVC
5	STILE (708)*	RIGID PVC
6	KEEPER RAIL (707A)*	RIGID PVC
7	LOCK RAIL (706)*	RIGID PVC
8	BOTTOM LIFT RAIL (705)*	RIGID PVC
9	PULL RAIL (715)*	RIGID PVC
11	SASH LOCK	-
12	KEEPER	-
14	LOCK RAIL REINFORCEMENT (948)	COMPOSITE
15	STILE/RAIL REINFORCEMENT (952)	COMPOSITE
19	SILL RISER (719)*	RIGID PVC
20	JAMB REINFORCEMENT (970)	STEEL
24	BULB GASKET (AMESBURY)	FOAM
25	J-CHANNEL REINFORCEMENT (975IP)	STEEL

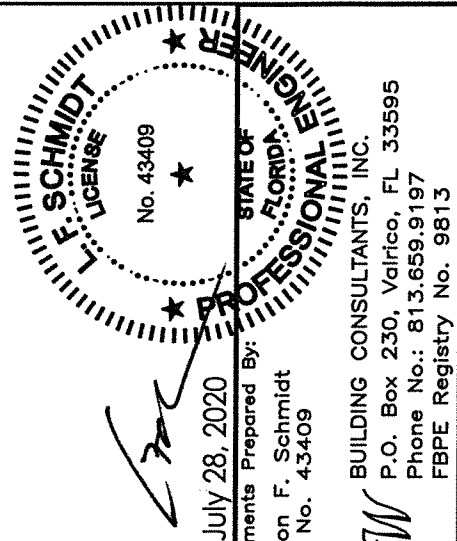
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



G1 GLAZING DETAIL



G2 GLAZING DETAIL



Documents Prepared By:

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Phone No.: 813.659.919

FBPE Registry No. 9813

PRODUCT: DOUBLE HUNG WINDOW

PART OR ASSEMBLY: BILL OF MATERIALS
AND GLAZING DETAILS

[illegible]