

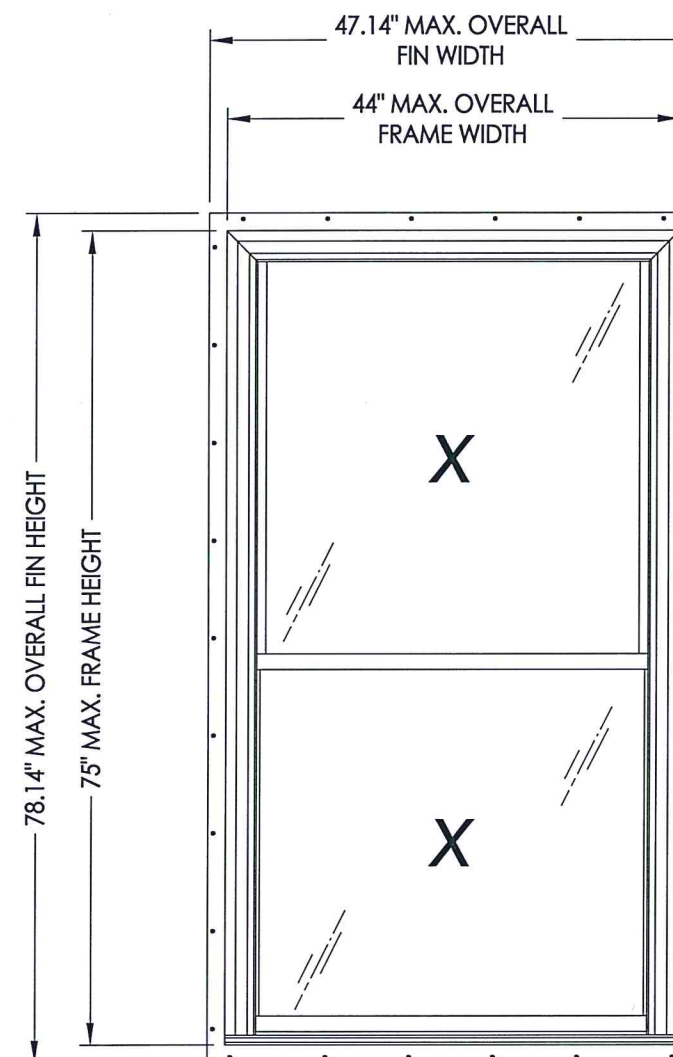


**Double Hung Window
w/ Nailing Fin
"NON-IMPACT"**

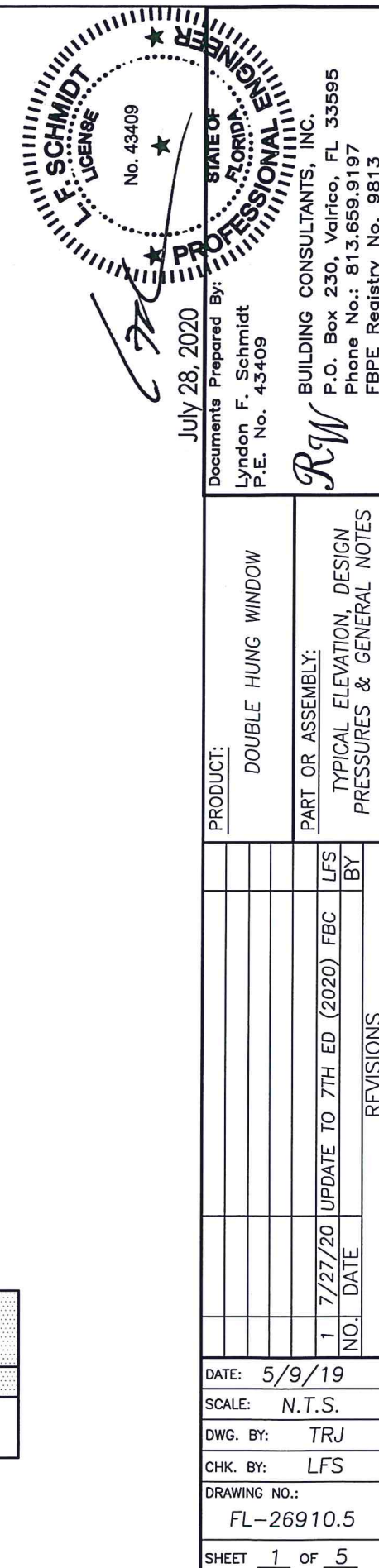
GENERAL NOTES

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. 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, components & glazing details



MAX. OVERALL FIN DIMENSION	MAX. OVERALL FRAME DIMENSION	MAX DAY LITE DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POS.	NEG.
47.14" X 78.14"	44.0" X 75.0"	38.0" x 34.0"	G1	+40.0	-40.0



INTERIOR

EXTERIOR

SEE NOTE 1

4
2 **HORIZONTAL CROSS SECTION**
Metal Stud Construction

must
ads

Diagram illustrating the horizontal cross section of Metal Stud Construction. The diagram shows the interior and exterior views of the wall assembly. Key components labeled include:

- J**: Interior wall panel.
- C**: Metal stud.
- 15**: Insulation.
- 5**: Exterior wall panel.
- K**: Fastener (screw) securing the interior panel to the metal stud.
- 25**: Fastener (screw) securing the exterior panel to the metal stud.
- 3**: Metal stud.
- G1**: Fastener (screw) securing the exterior panel to the metal stud.

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

2. LOCK AND KEEPER LOCATED
OF LOCK/MEETING RAIL.

INTERIOR

A

15 5

3

25 F D E

SEE NOTE 1

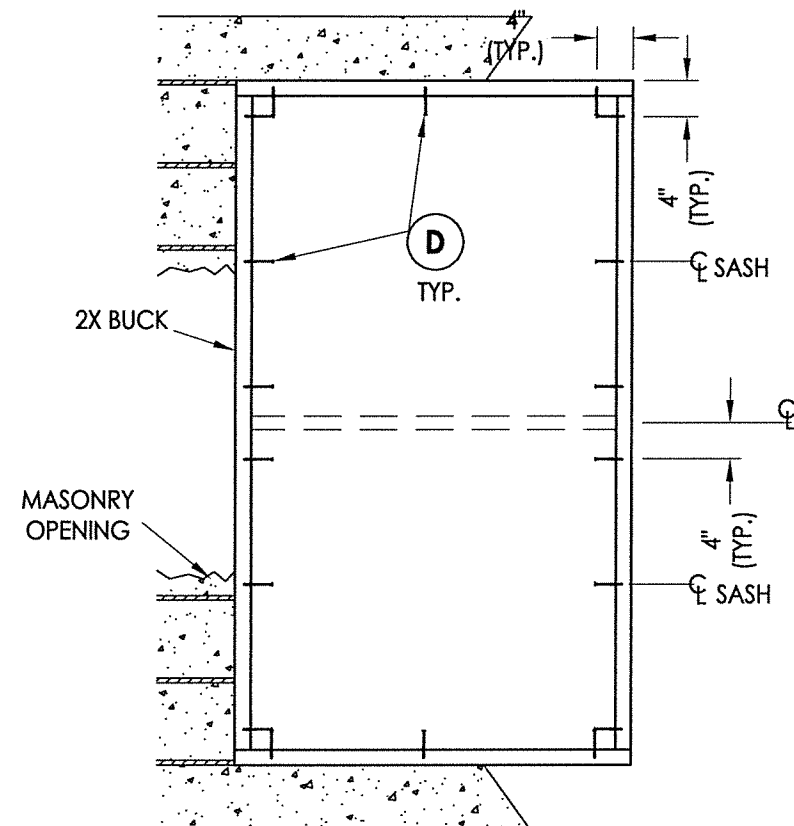
2 2

HORIZONTAL CROSS SECTION
2X Buck Masonry Construction

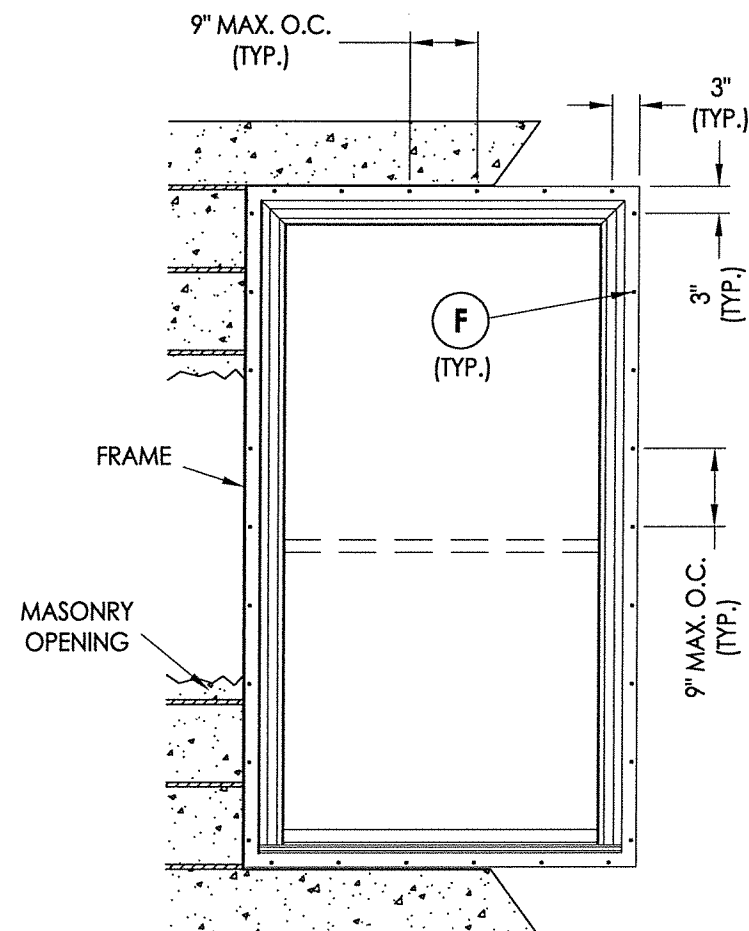
EXTERIOR

3 **HORIZONTAL CROSS SECTION**
2 **2X Stud Construction**

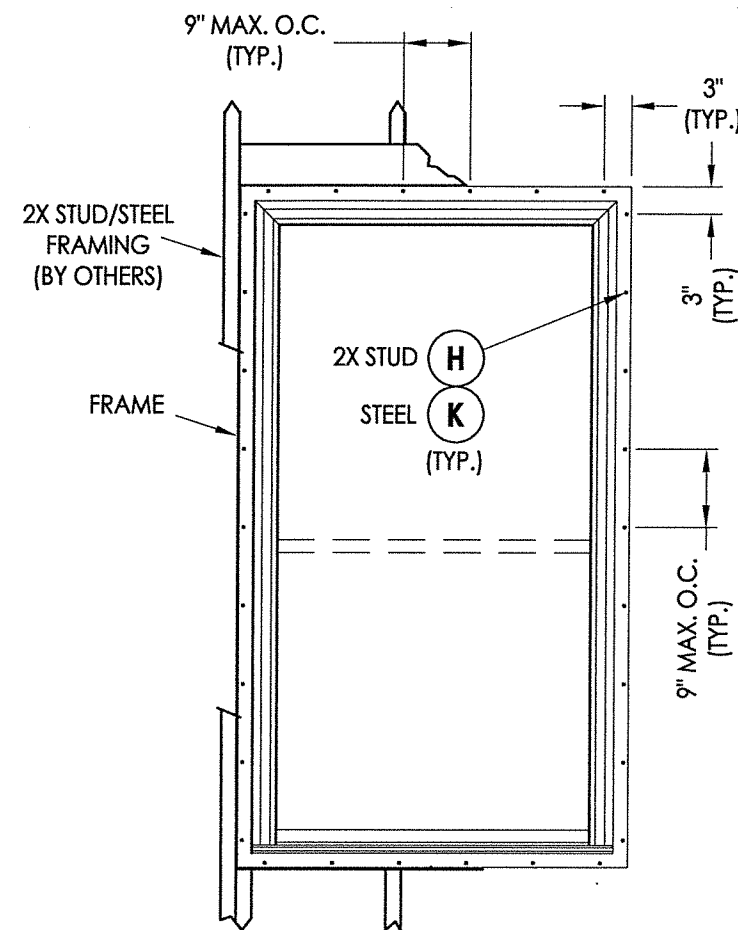




BUCK ANCHORING



FRAME ANCHORING
2X Buck Masonry
Construction



FRAME ANCHORING Stud Construction

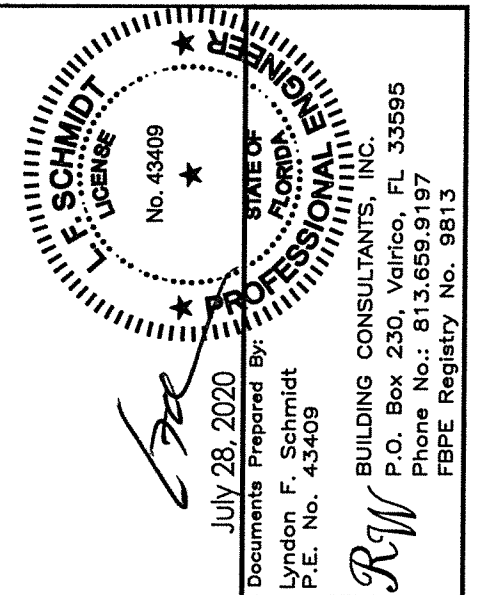
CONCRETE ANCHOR NOTES:

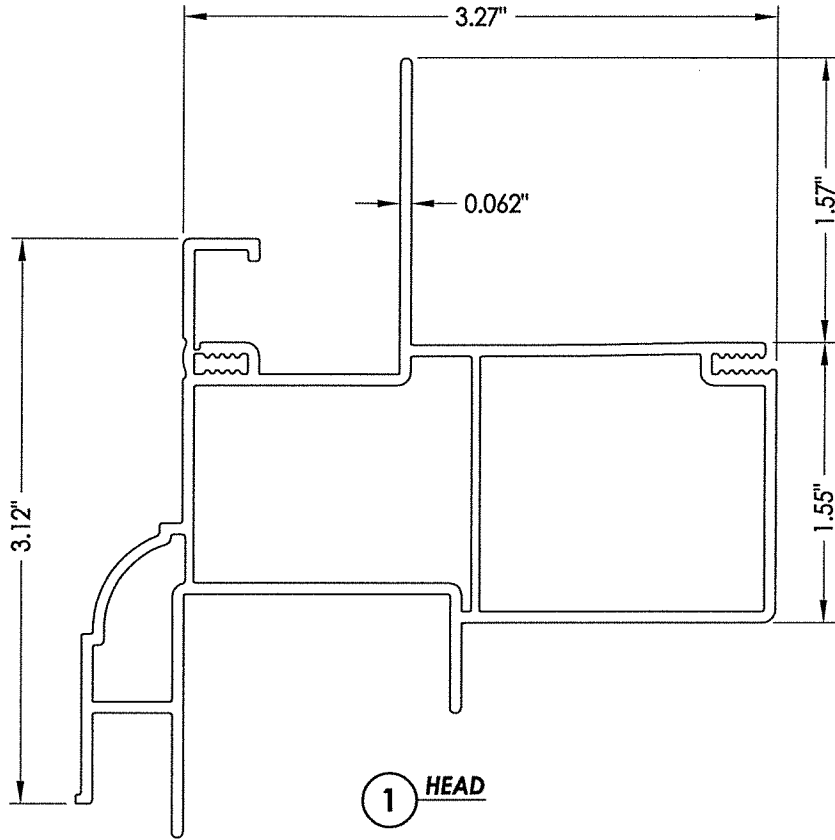
1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. 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"
ELCO ULTRACON®	1/4"	1-1/4"	1"	4"

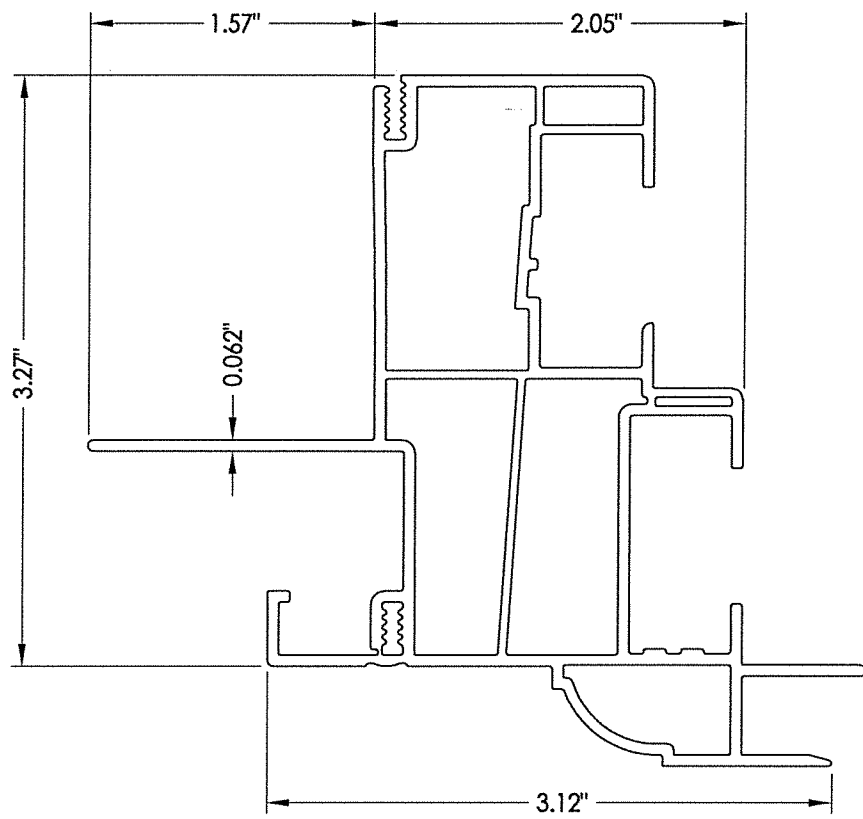
WOOD SCREW INSTALLATION NOTES:

1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

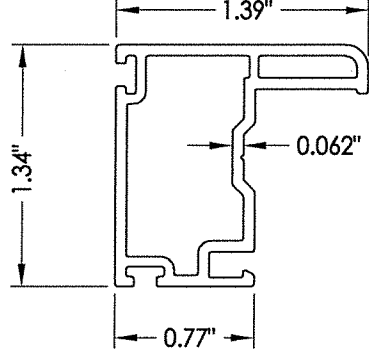
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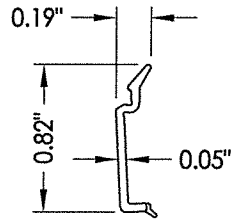
1 HEAD



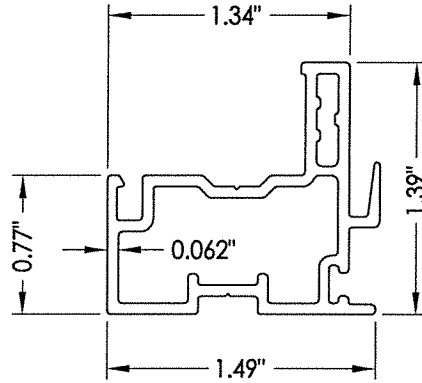
3 JAMB



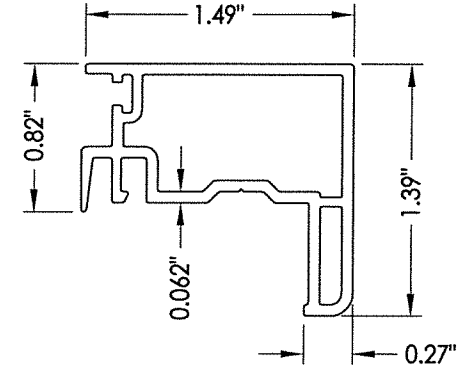
5 STILE



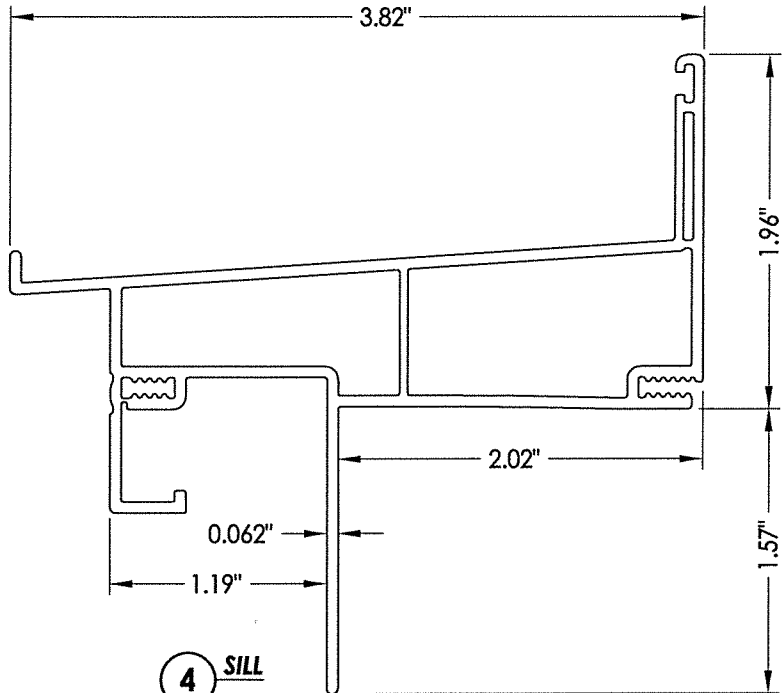
2 GLAZING BEAD



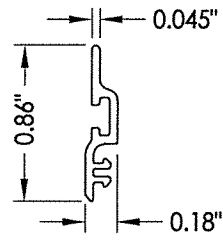
6 KEEPER RAIL



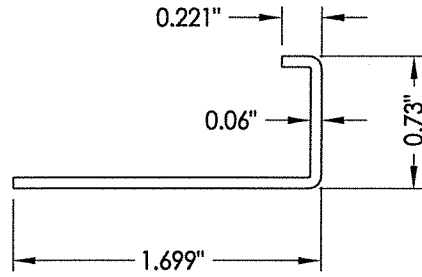
7 LOCK RAIL



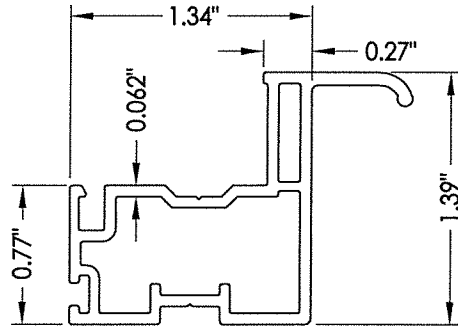
4 SILL



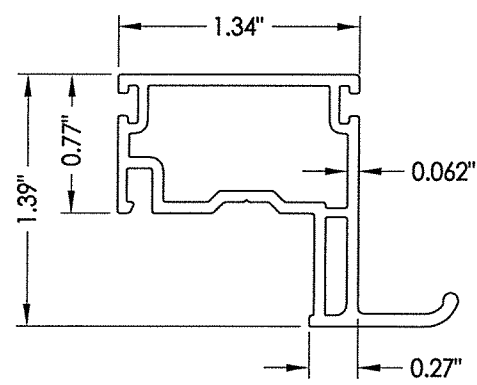
19 SILL RISER



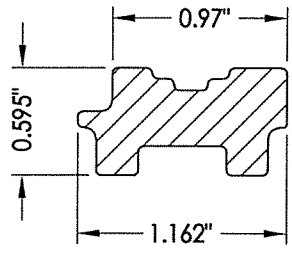
25 J-CHANNEL REINFORCEMENT
24" WIDE



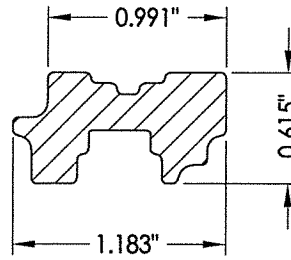
8 BOTTOM LIFT RAIL



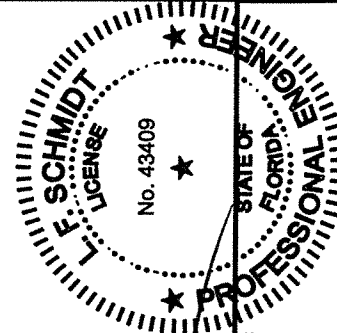
9 PULL RAIL



14 LOCK RAIL REINFORCEMENT



15 STILE/RAIL REINFORCEMENT



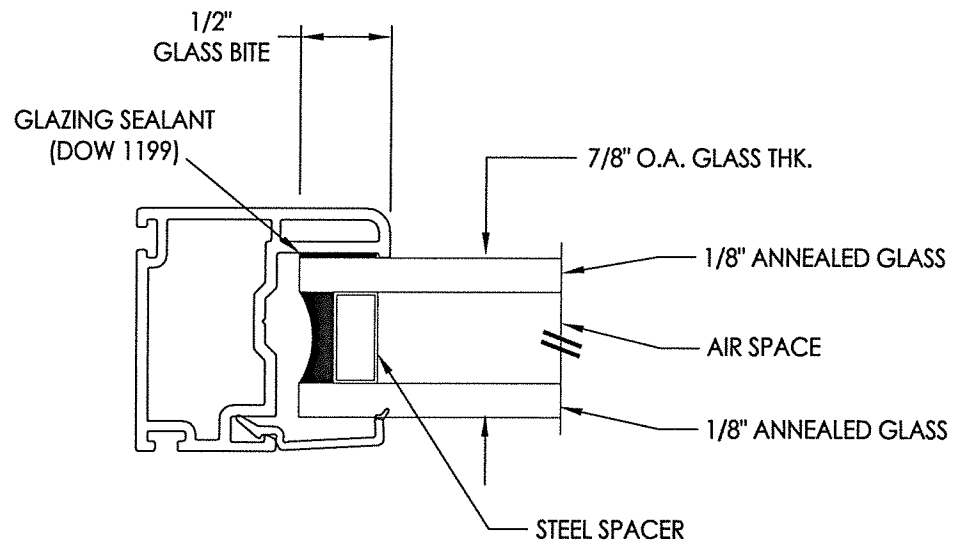
July 28, 2020
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

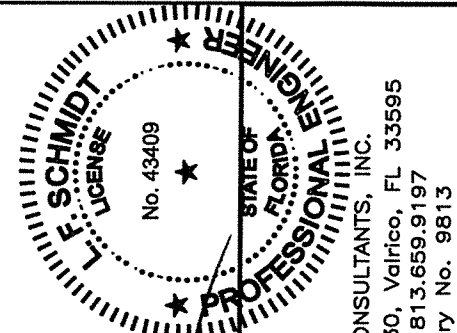
PRODUCT:		PART OR ASSEMBLY:	
DOUBLE HUNG WINDOW		COMPONENTS	
NO.	DATE	REVISIONS	BY
1	7/27/20	UPDATE TO 7TH ED (2020) FBC	LFS
DATE:		5/9/19	
SCALE:		N.T.S.	
DWG. BY:		TRJ	
CHK. BY:		LFS	
DRAWING NO.:		FL-26910.5	
SHEET		4 OF 5	

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 1-1/4" PPH SMS (1-3/16" MIN. EMBEDMENT)	STEEL
H	#8 X 1-3/4" PPH SMS (1-3/16" 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	HEAD (931)*	RIGID PVC
2	GLAZING BEAD (716A)*	RIGID PVC
3	JAMB (933)*	RIGID PVC
4	SILL (732)*	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
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



July 28, 2020

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BUILDING CONSULTANTS, INC.

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PRODUCT: DOUBLE HUNG WINDOW

PART OR ASSEMBLY: BILL OF MATERIALS,
COMPONENTS & GLAZING DETAILS

[illegible]

DATE: 5/9/19

SCALE: N.T.S.

DWG. BY: TRJ

CHK. BY: LFS

DRAWING NO.:

FL-26910.5

SHEET 5 OF 5