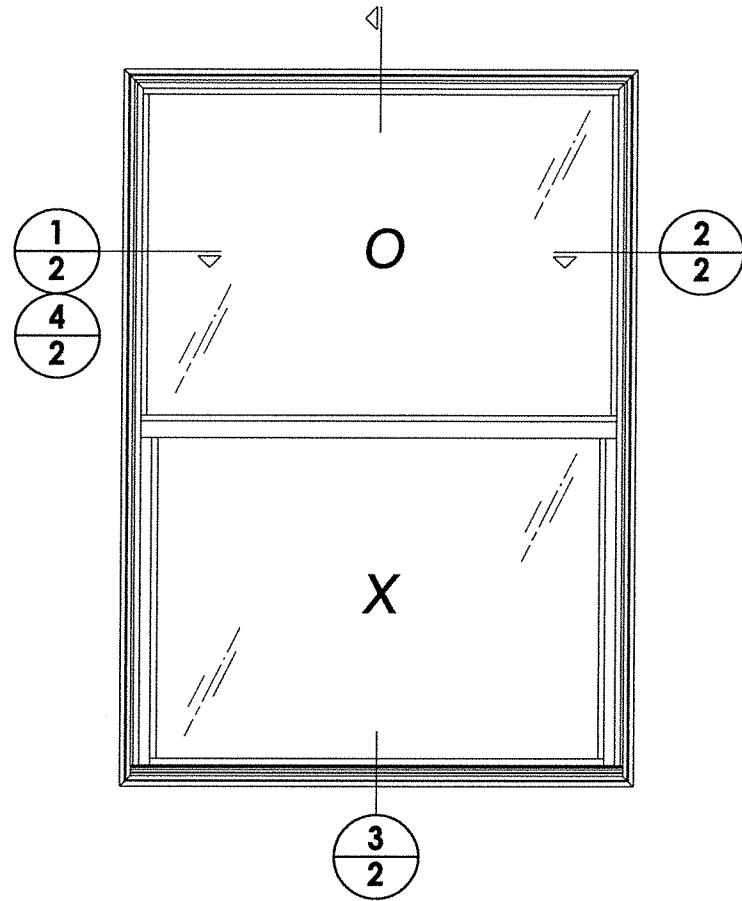
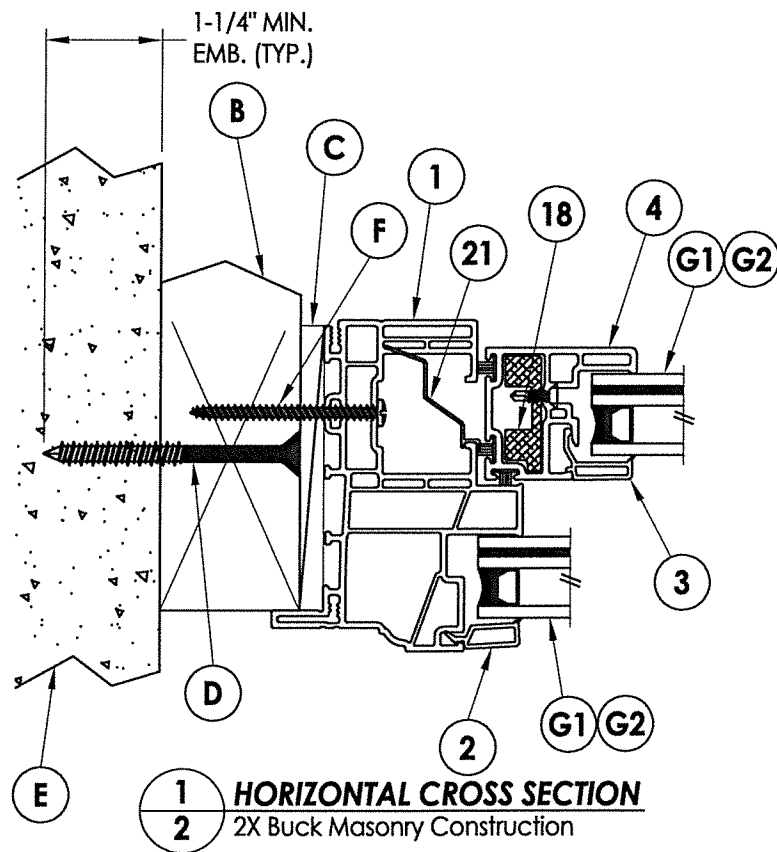
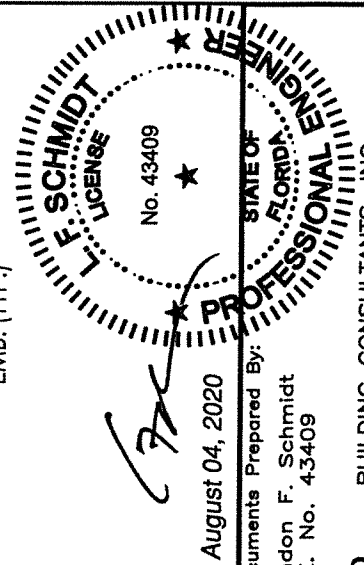
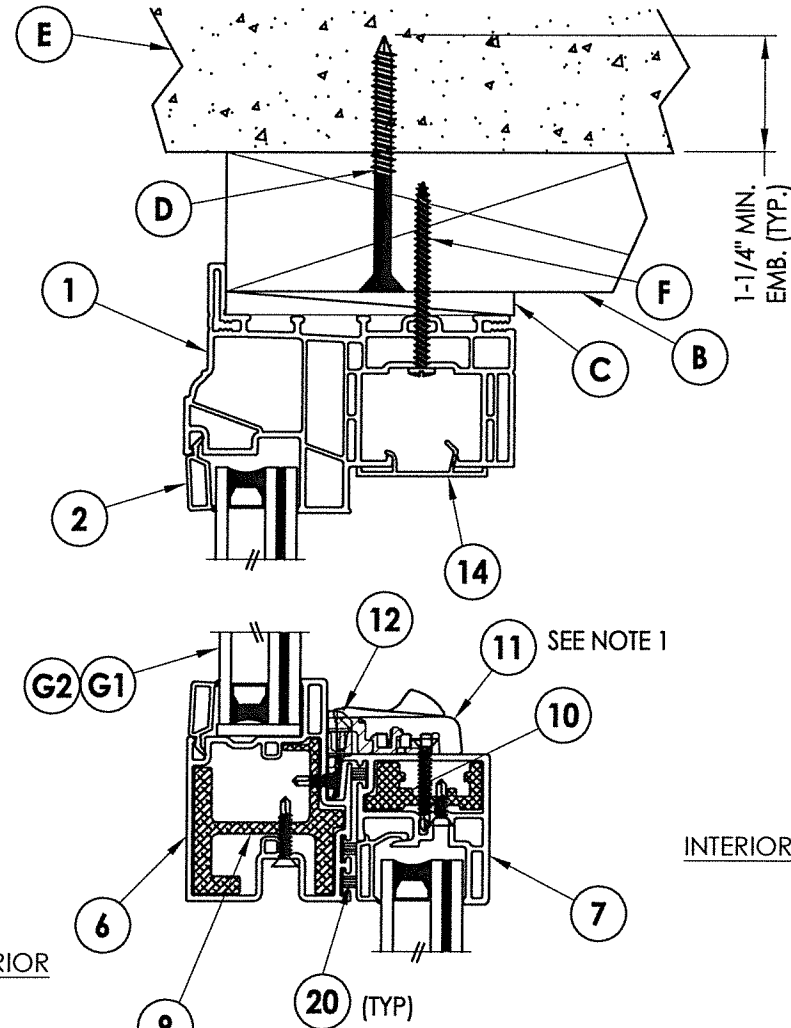
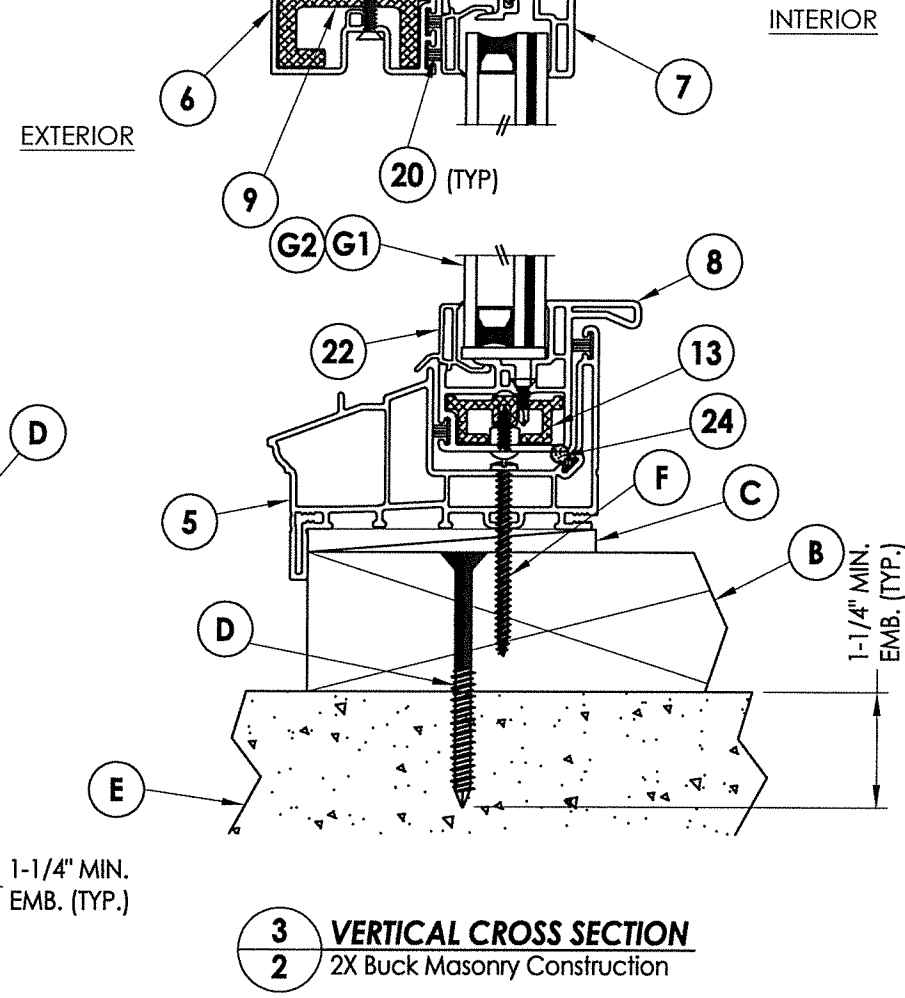
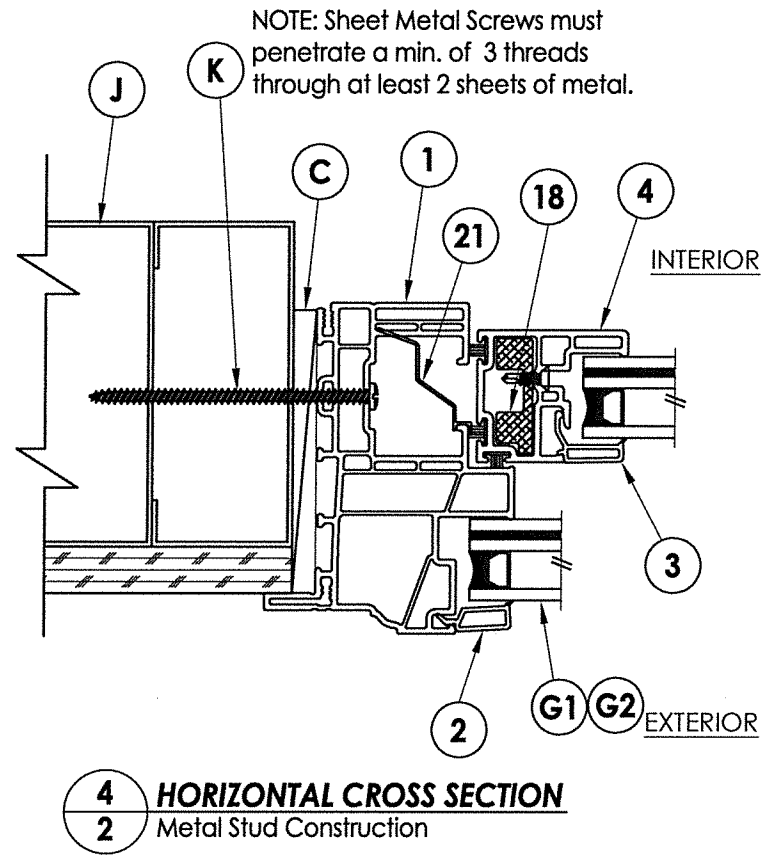
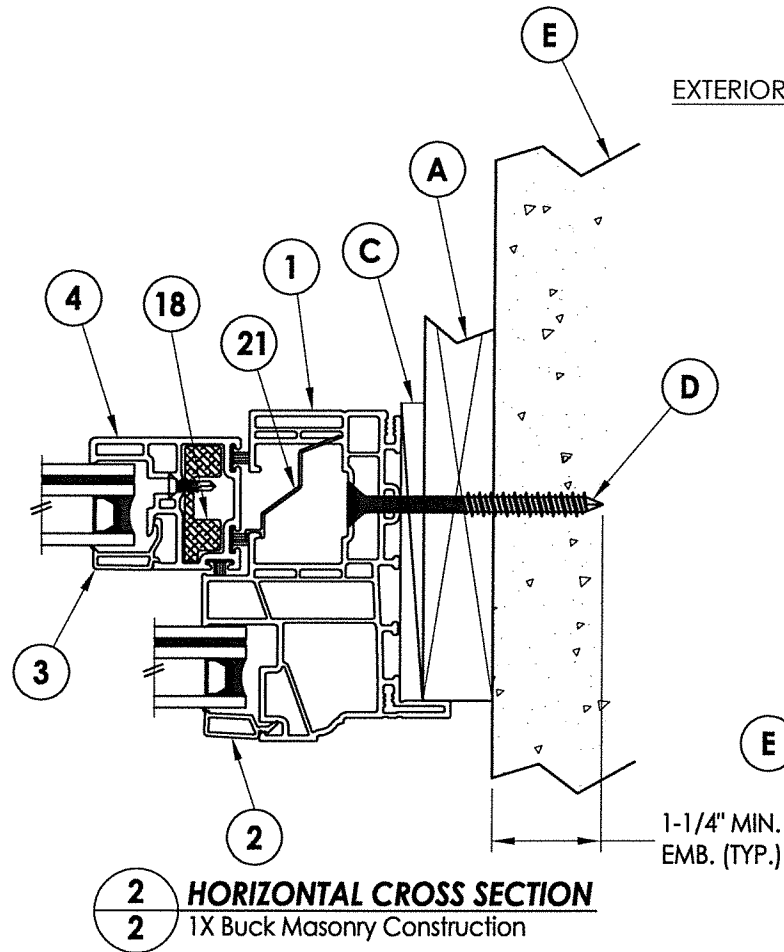




Note:
1. Lock and keeper located 7" from each end of lock/meeting rail.



INTERIOR
EXTERIOR

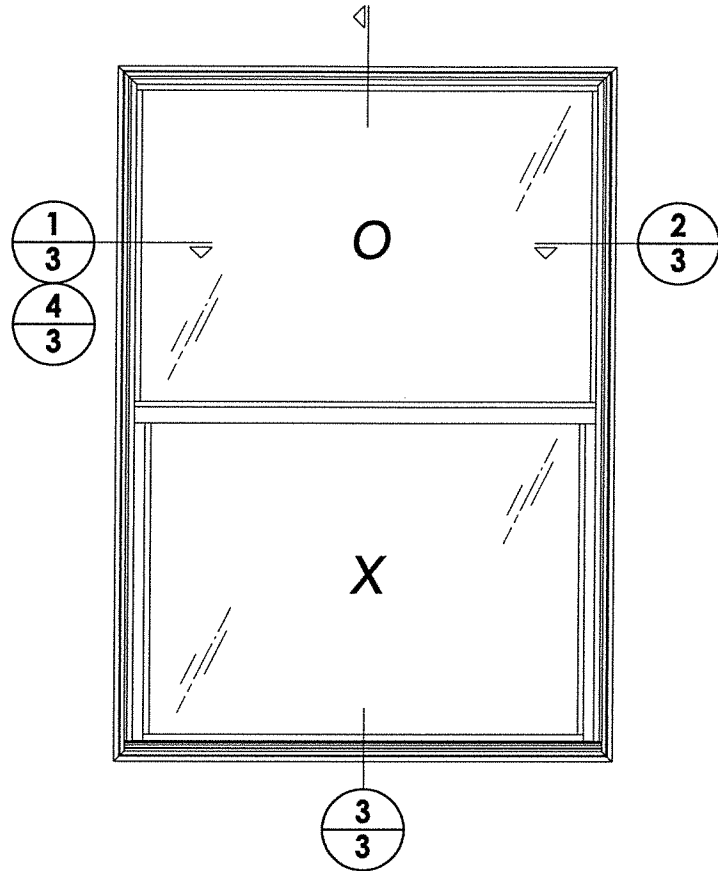


Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

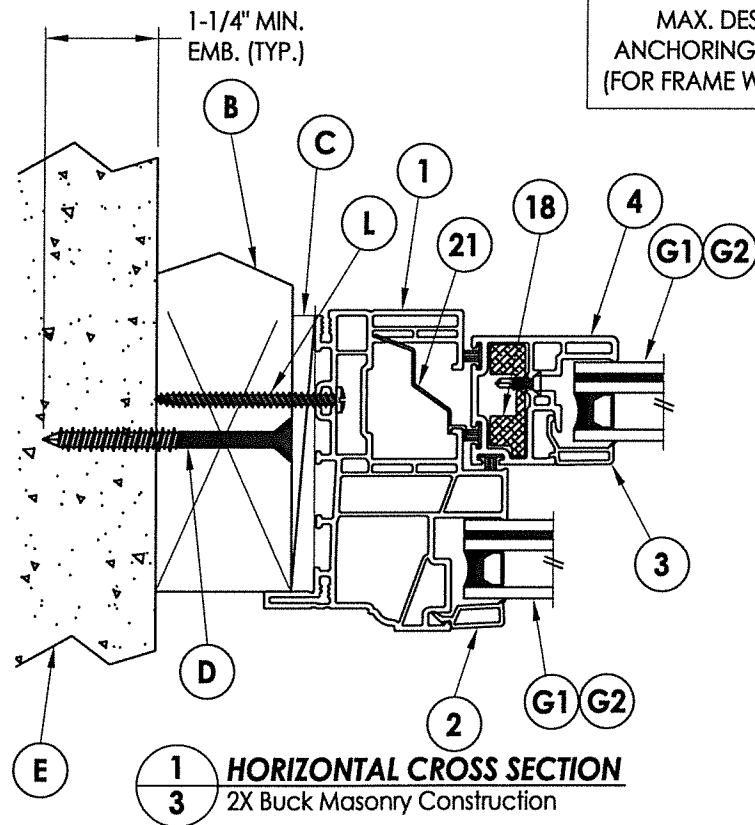
R.W. BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:		SINGLE HUNG WINDOW	
PART OR ASSEMBLY:		VERTICAL & HORIZONTAL CROSS SECTIONS	
NO.	DATE	REVISIONS	
6	8/04/20	UPDATE TO 7TH ED. (2020)	DAC
5	10/08/17	UPDATE TO 6TH ED. (2017)	JK
4	2/13/17	ADDED 37x62 WINDOW SIZE	LFS
3	9/27/16	ADDED ALT. ANCHOR LOCATION	LFS
2	12/17/15	ADD GLAZING DETAIL	JK
1	6/26/15	UPDATE TO 5TH ED. (2014)	LFS
			BY

\\dc01\rvbc\Clients\Doers PERMANENT\A - Florida Product Approvals\FL-16854 Windows - Single Hung\Drawings\FL-16854 (2020)\FL-16854.dwg



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

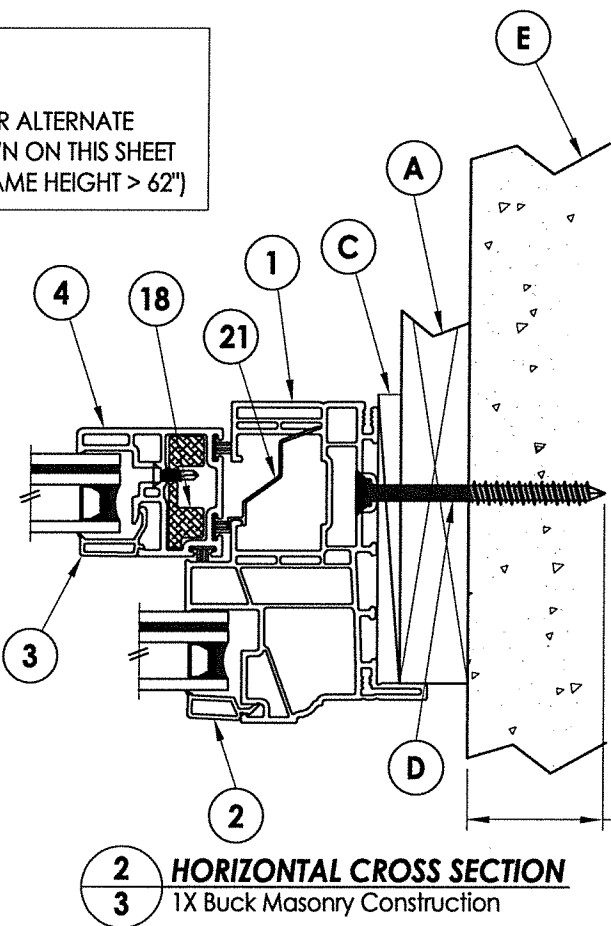


1
3 HORIZONTAL CROSS SECTION
2X Buck Masonry Construction

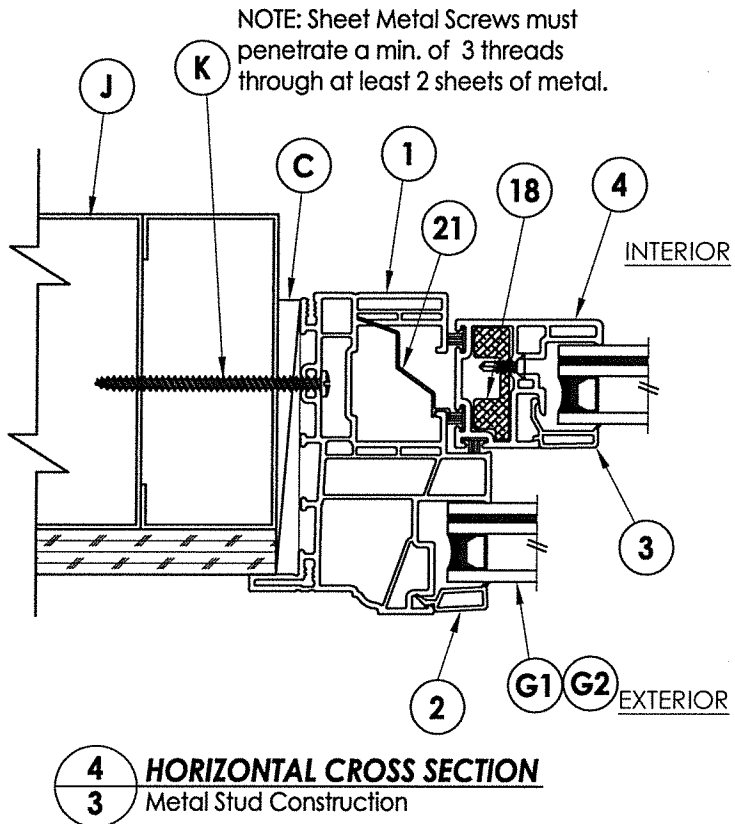
±55 PSF
MAX. DESIGN PRESSURE FOR ALTERNATE ANCHORING LOCATION SHOWN ON THIS SHEET (FOR FRAME WIDTH > 37" OR FRAME HEIGHT > 62")

INTERIOR

EXTERIOR

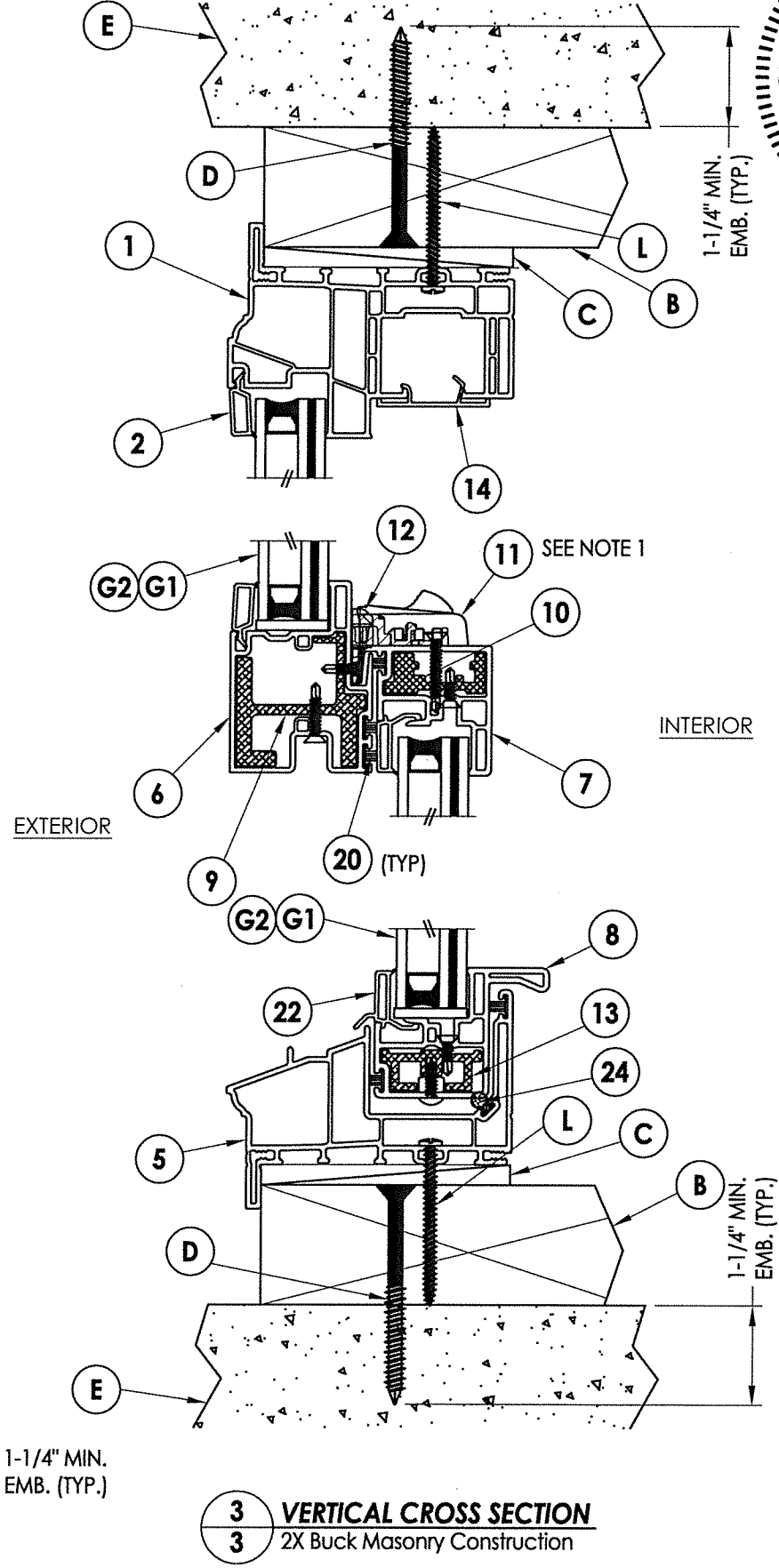


2
3 HORIZONTAL CROSS SECTION
1X Buck Masonry Construction

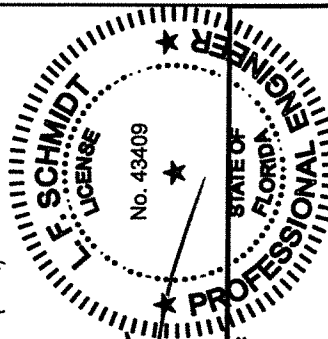


4
3 HORIZONTAL CROSS SECTION
Metal Stud Construction

NOTE: Sheet Metal Screws must penetrate a min. of 3 threads through at least 2 sheets of metal.



3
3 VERTICAL CROSS SECTION
2X Buck Masonry Construction



August 04, 2020
Documents Prepared By:
Lyndon F. Schmidt
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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:		VERTICAL & HORIZONTAL CROSS SECTIONS		
6	8/04/20	UPDATE TO 7TH ED. (2020)	FBC	DAC
5	10/08/17	UPDATE TO 6TH ED. (2017)	FBC	JK
4	2/13/17	ADDED 37x62 WINDOW SIZE		LFS
3	9/27/16	ADDED ALT. ANCHOR LOCATION		LFS
2	12/17/15	ADD GLAZING DETAIL		JK
1	6/26/15	UPDATE TO 5TH ED. (2014)	FBC	LFS
NO.	DATE			
		REVISIONS		
DATE: 2/19/14				
SCALE: N.T.S.				
DWG. BY: JK				
CHK. BY: LFS				
DRAWING NO.: FL-16854.6				
SHEET 3 OF 6				

August 04, 2020

Documents Prepared By: *Don F. Schmidt*
Don F. Schmidt
No. 43409

FL. SCHMIDT
LICENSE
No. 43409
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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

August 04, 2020

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

R²W 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:

6	8/04/20	UPDATE TO 7TH ED. (2020)	FBC	DAC
5	10/08/17	UPDATE TO 6TH ED. (2017)	FBC	JK
4	2/13/17	ADDED 37x62 WINDOW	SIZE	LFS
3	9/27/16	ADDED ALT. ANCHOR	LOCATION	LFS
2	12/17/15	ADD GLAZING DETAIL		JK
1	6/26/15	UPDATE TO 5TH ED. (2014)	FBC	LFS
NO.	DATE			
REVISIONS				

DATE: 2/19/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

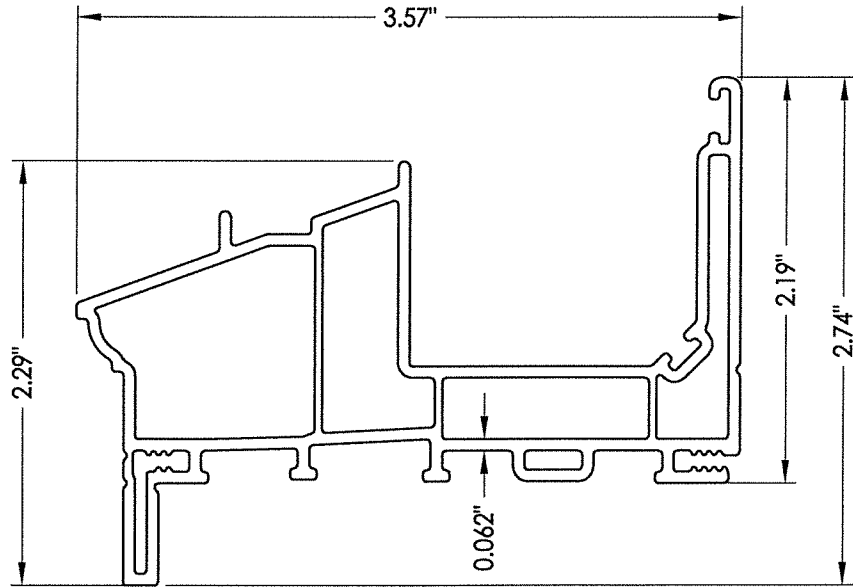
FL-16854.6

SHEET 4 OF 6

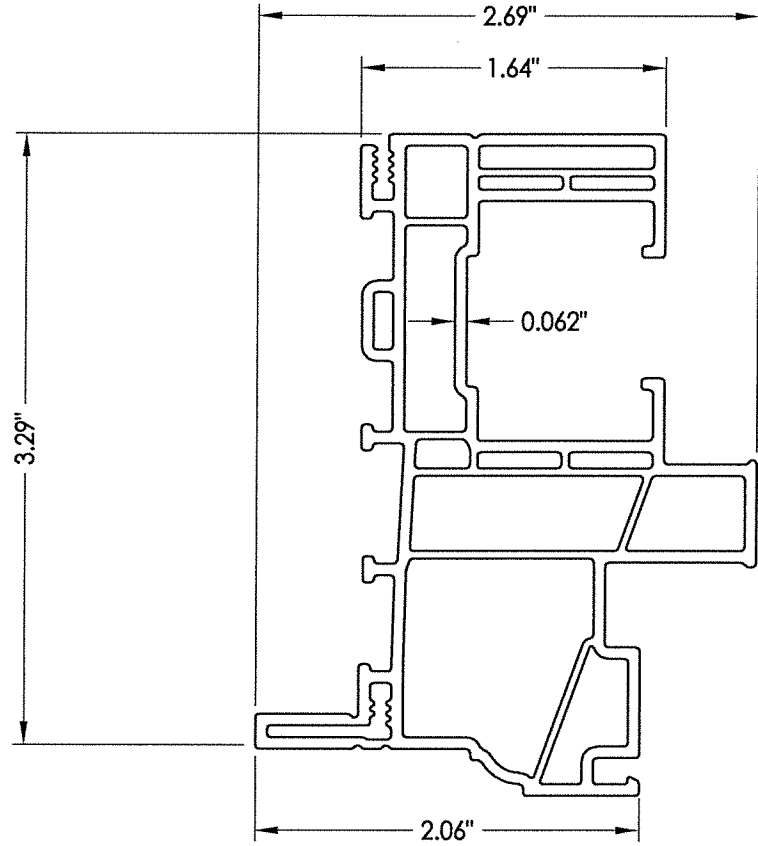
1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX.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

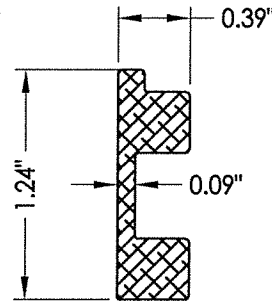
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



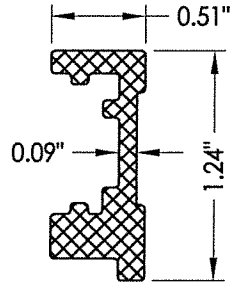
4 SILL



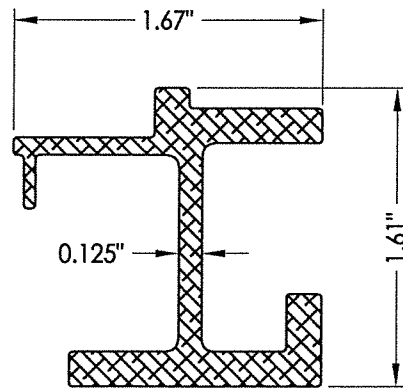
1 FRAME



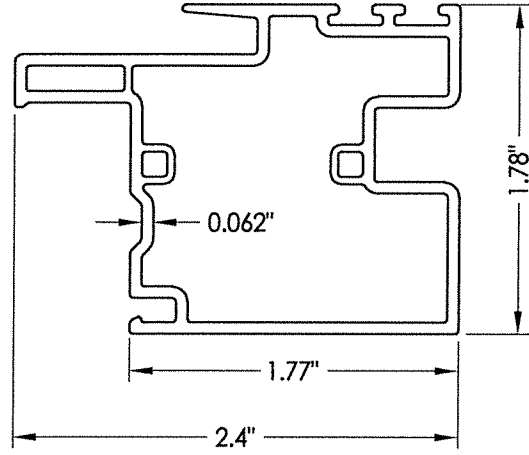
18 STILE REINFORCEMENT



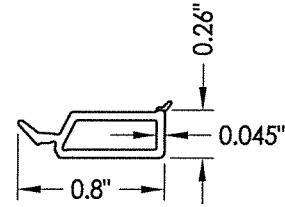
10 LOCK RAIL REINFORCEMENT



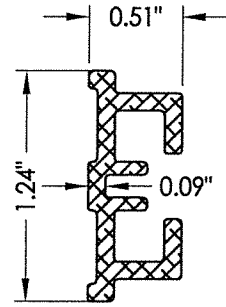
9 MEETING RAIL REINFORCEMENT



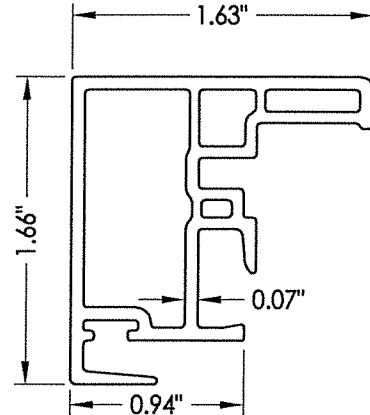
6 MEETING RAIL



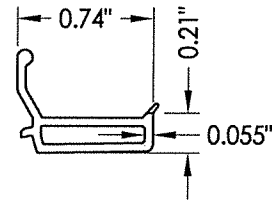
2 GLAZING BEAD



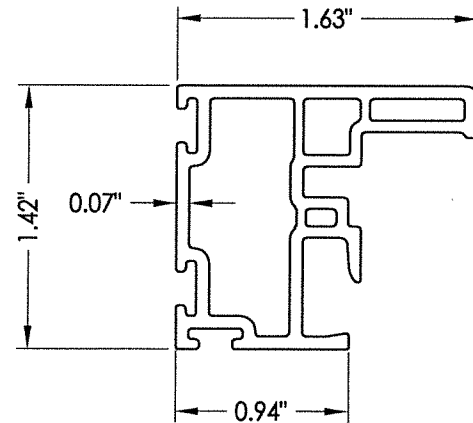
13 BOTTOM RAIL REINFORCEMENT



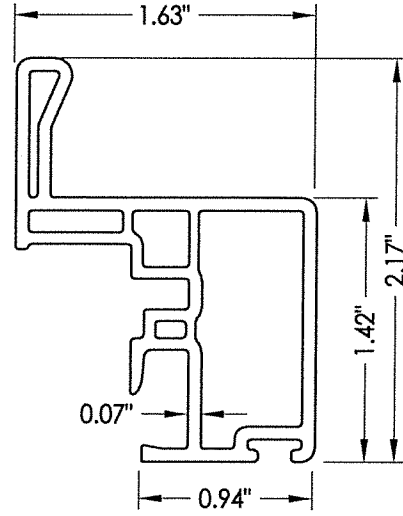
7 LOCK RAIL



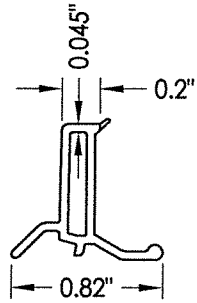
3 GLAZING BEAD



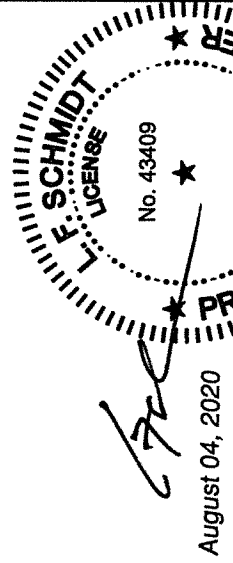
5 STILE



8 BOTTOM RAIL



22 GLAZING BEAD
W/ Drip edge



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:		COMPONENTS	
REVISIONS		NO.		DATE		BY	
6	8/04/20	UPDATE TO 7TH ED. (2020)	FBC	DAC			
5	10/08/17	UPDATE TO 6TH ED. (2017)	FBC	JK			
4	2/13/17	ADDED 37x62 WINDOW SIZE	LFS				
3	9/27/16	ADDED ALT. ANCHOR LOCATION	LFS				
2	12/17/15	ADD GLAZING DETAIL	JK				
1	6/26/15	UPDATE TO 5TH ED. (2014)	FBC				

DATE: 2/17/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

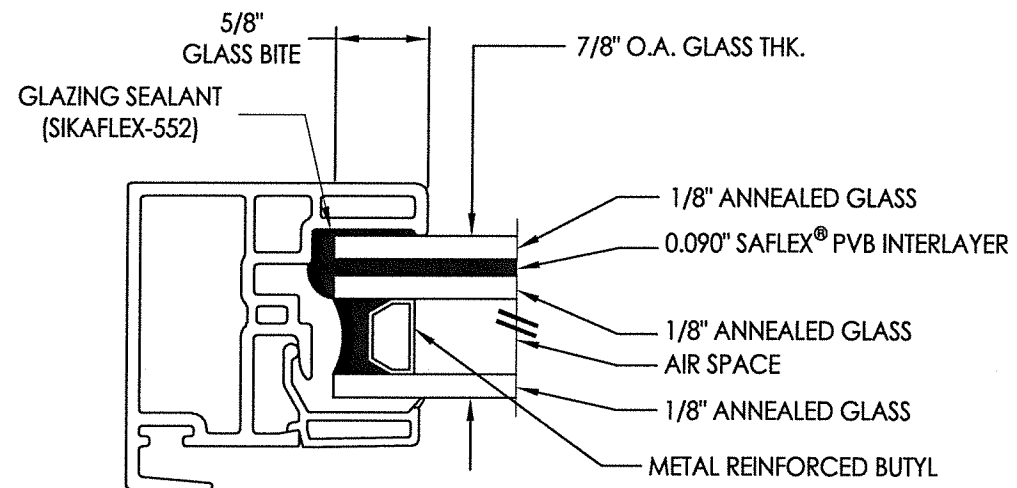
DRAWING NO.: FL-16854.6

SHEET 5 OF 6

BILL OF MATERIALS

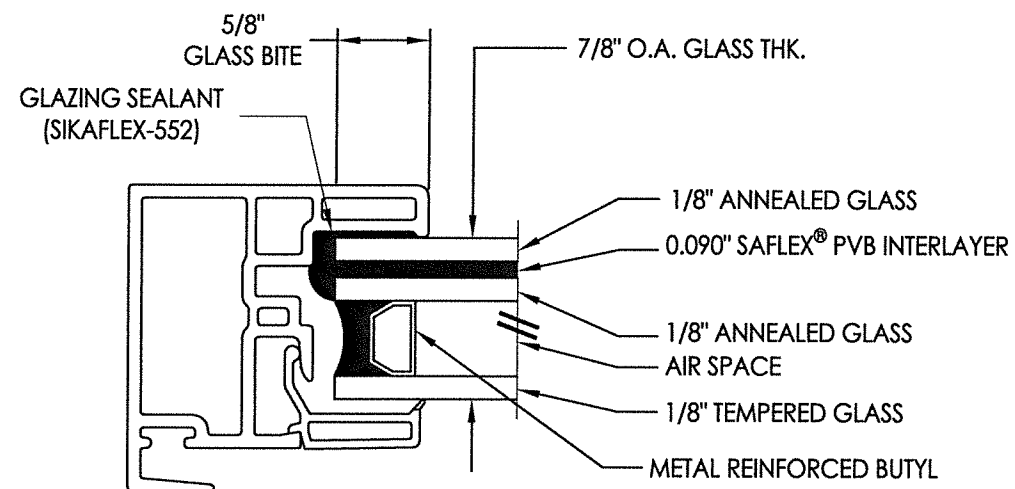
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.55)	WOOD
B	2X BUCK (SG >= 0.55)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2" PPH SMS (1-1/4" MIN. EMBEDMENT)	STEEL
G	2X STUD (SG >= 0.55)	WOOD
H	#10 X 2-1/2" PPH SMS	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	#10 X 2" PPH SMS (1-1/2" MIN. EMBEDMENT)	STEEL
1	EXTRUDED VINYL FRAME (465)*	RIGID PVC
2	EXTRUDED VINYL GLAZING BEAD (736A)*	RIGID PVC
3	EXTRUDED VINYL GLAZING BEAD (425A)*	RIGID PVC
4	SILL (469)*	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".



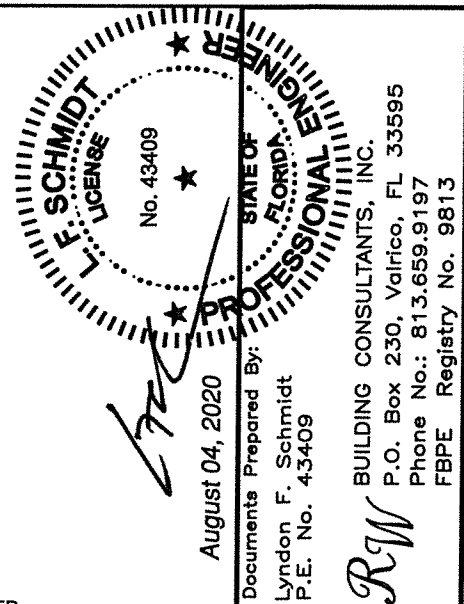
Not approved for use above 30 feet in the "HVHZ".

G1 GLAZING DETAIL



G2 GLAZING DETAIL

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



August 04, 2020

Documents Prepared By:

Lyndon F. Schmidt

DB - BUILDING CONSULTANTS INC.

P.O. Box 230, Valrico, FL 33595

Phone No.: 813.659.9197

FBI Registry No. 9813

PRODUCT:
SINGLE HUNG WINDOW

PART OR ASSEMBLY:

6	8/04/20	UPDATE TO 7TH ED.	(2020)	FBC	DAC
5	10/08/17	UPDATE TO 6TH ED.	(2017)	FBC	JK
	2/13/17	ADDED 37x62 WINDOW	SIZE		LFS
3	9/27/16	ADDED ALT. ANCHOR	LOCATION		LFS
2	12/17/15	ADD GLAZING DETAIL			JK
1	6/26/15	UPDATE TO 5TH ED.	(2014)	FBC	LFS
NO.	DATE	REVISIONS			

DATE: 2/17/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-16854.

SHEET 6 OF 6