

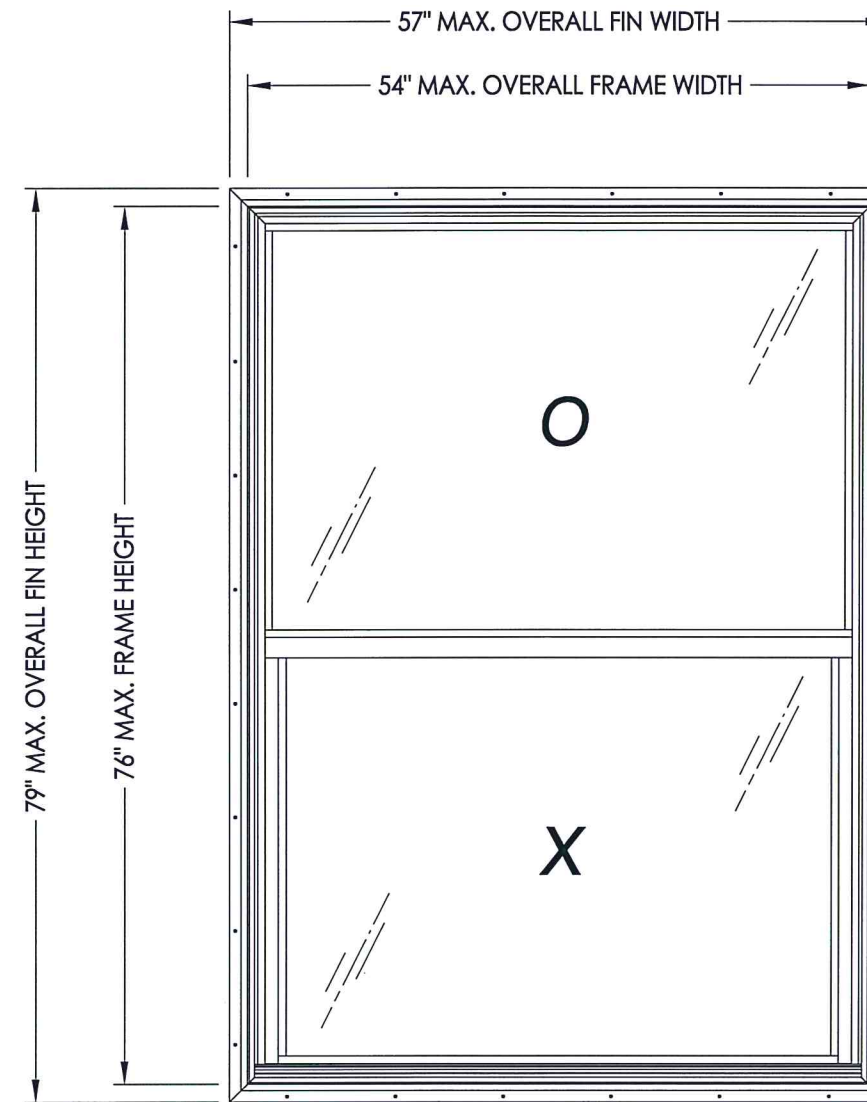
DoersWindow
MANUFACTURING
4901 Oak Fair Blvd., Tampa, FL 33610

9400 Single Hung Window w/ Nailing Fin "NON-IMPACT"

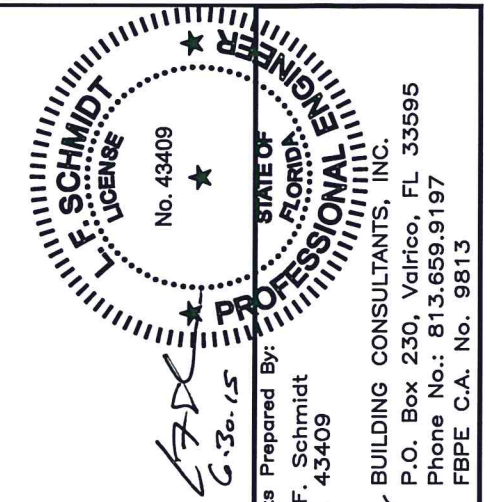
GENERAL NOTES

1. This product anchoring drawing has been evaluated and is in compliance with the 5th Edition (2014) Florida Building Code (FBC) excluding the "High Velocity Hurricane Zone" (HVHZ). See the Certification Agency Certificate for sizes, specifications & ratings.
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 Section 1609.1.2 of the FBC.
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	Vertical & horizontal cross sections
4	Buck & frame anchoring
5	Components
6	Bill of materials and glazing details



MAX. OVERALL FIN DIMENSION	MAX. OVERALL FRAME DIMENSION	MAX DAY LITE DIMENSION (OPERABLE)	MAX DAY LITE DIMENSION (FIXED)	GLASS TYPE	DESIGN PRESSURE (PSF)	
					POS.	NEG.
57.0" X 79.0"	54.0" X 76.0"	47.25" x 34.44"	49.75" x 34.44"	G1	+50.0	-50.0
39.0" X 75.0"	36.0" X 72.0"	29.25" x 32.44"	31.75" x 32.44"	G1	+65.0	-75.0

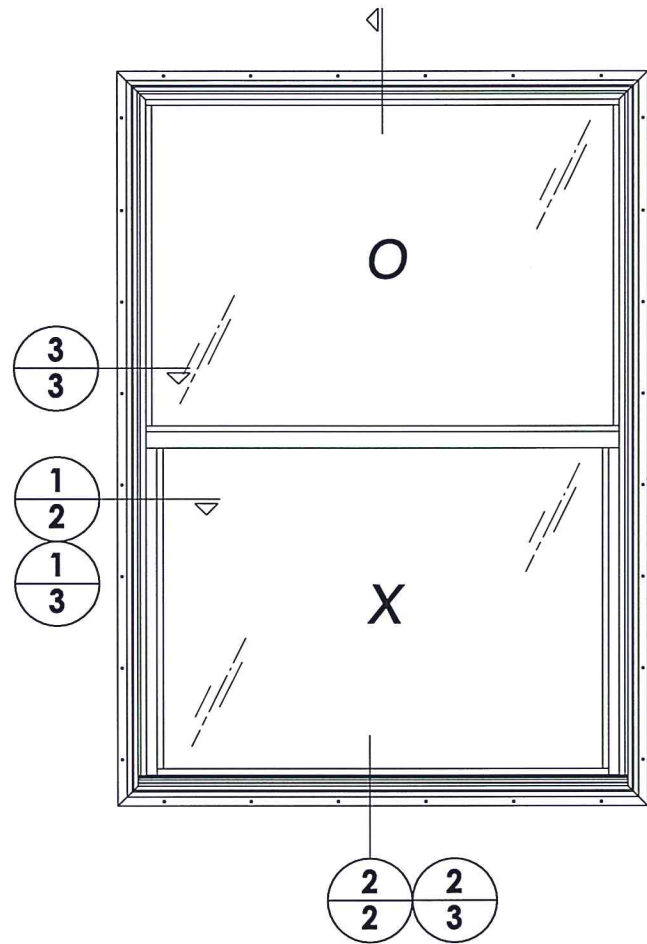


Documents Prepared By:
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RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE C.A. No. 9813

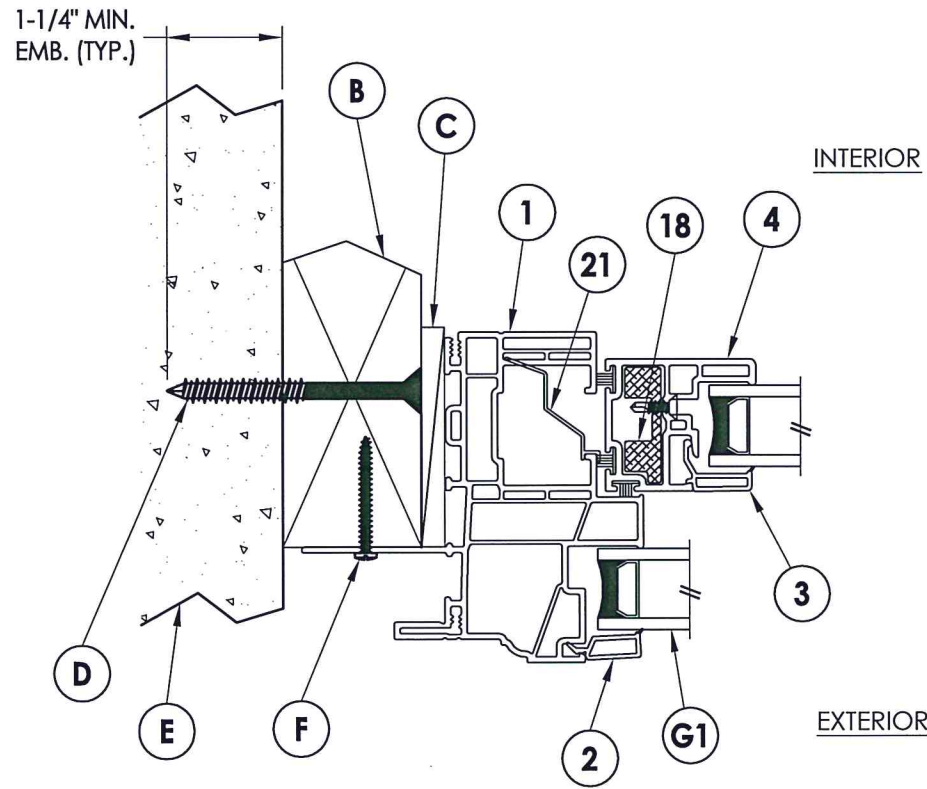
PRODUCT: SINGLE HUNG WINDOW
PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	REVISIONS
1	6/26/15	UPDATE TO 5TH ED. (2014) FBC

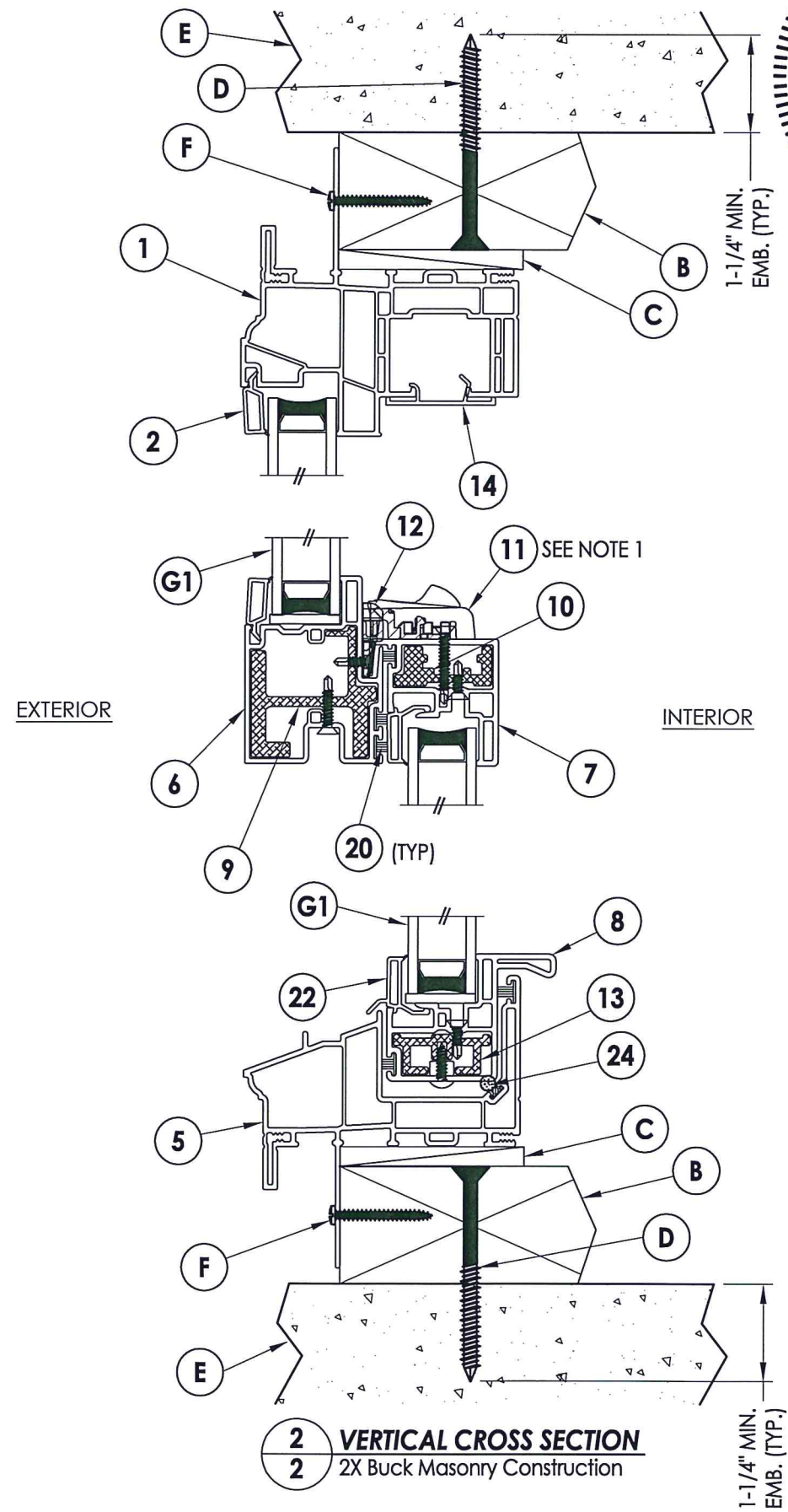
DATE: 2/17/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-16854.1
SHEET 1 OF 6



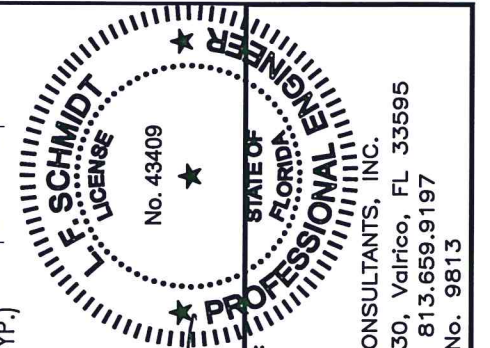
Note:
1. Lock and keeper located 7" from each end of lock/meeting rail.



1 HORIZONTAL CROSS SECTION
2 2X Buck Masonry Construction



2 VERTICAL CROSS SECTION
2 2X Buck Masonry Construction

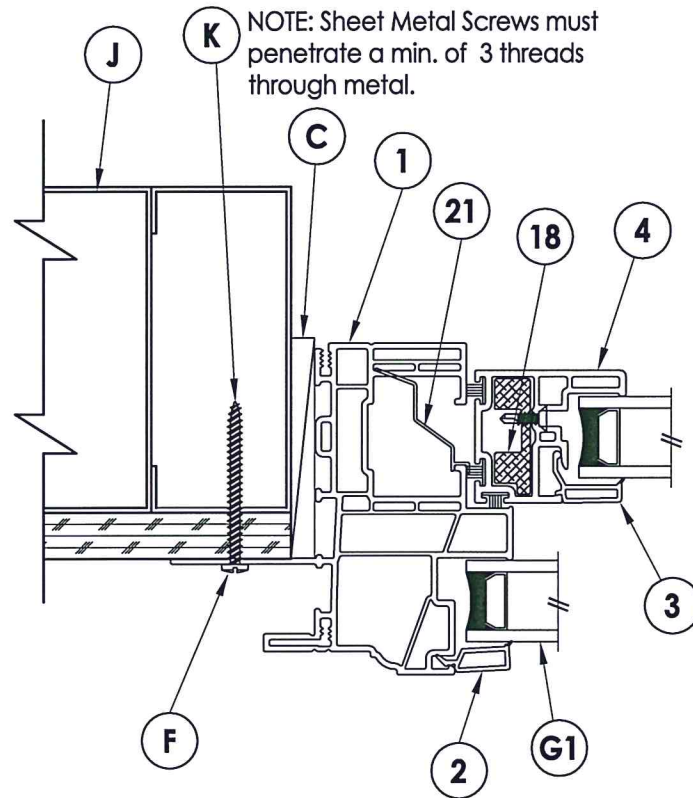


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6.26.15

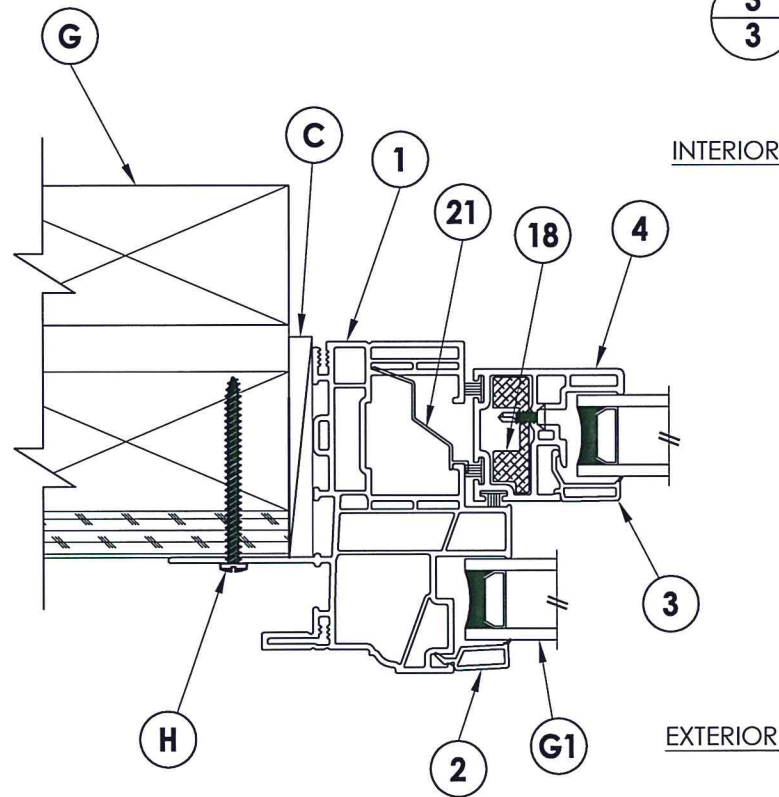
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
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FBPE C.A. No. 9813

PRODUCT:	SINGLE HUNG WINDOW	
PART OR ASSEMBLY:	VERTICAL & HORIZONTAL CROSS SECTIONS	
DATE:	2/17/14	
SCALE:	N.T.S.	
DWG. BY:	JK	
CHK. BY:	LFS	
DRAWING NO.:	FL-16854.1	
SHEET	2 OF 6	
NO.	DATE	REVISIONS
1	6/26/15	UPDATE TO 5TH ED. (2014) FBC
		LFS
		BY

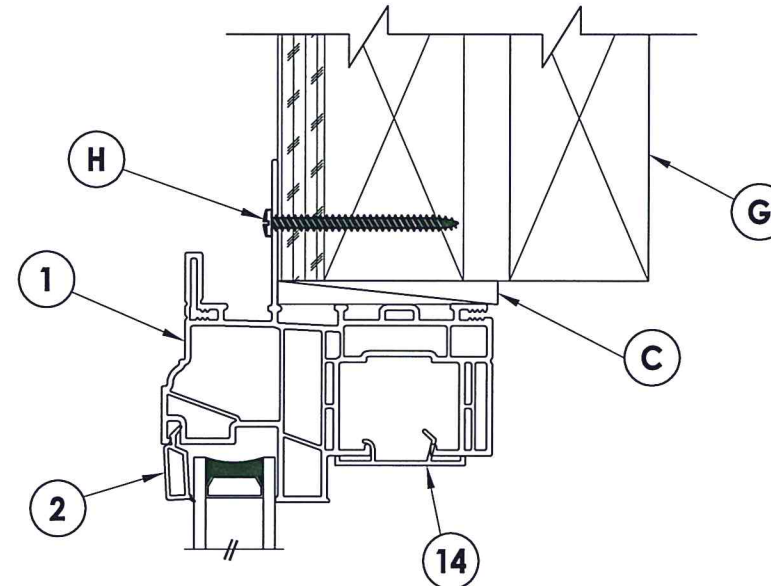
Note:
1. Lock and keeper located 7" from each end of lock/meeting rail.



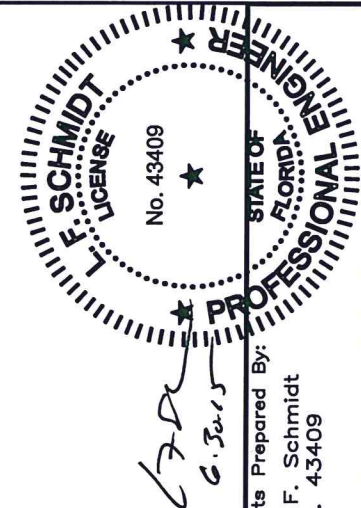
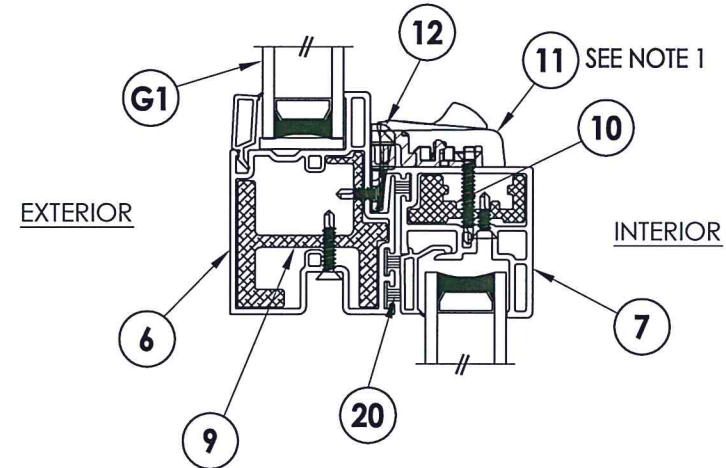
3 HORIZONTAL CROSS SECTION
Shown w/ Steel Stud Framing Option



1 HORIZONTAL CROSS SECTION
3 2X Buck Masonry Construction



2 VERTICAL CROSS SECTION
3 2X Buck Masonry Construction

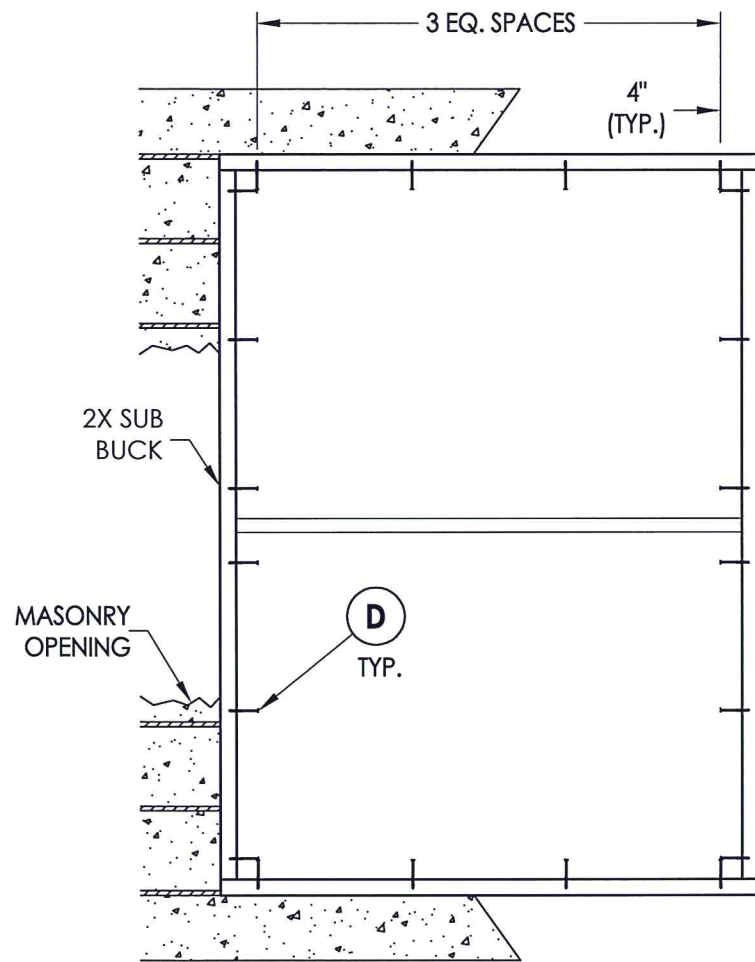


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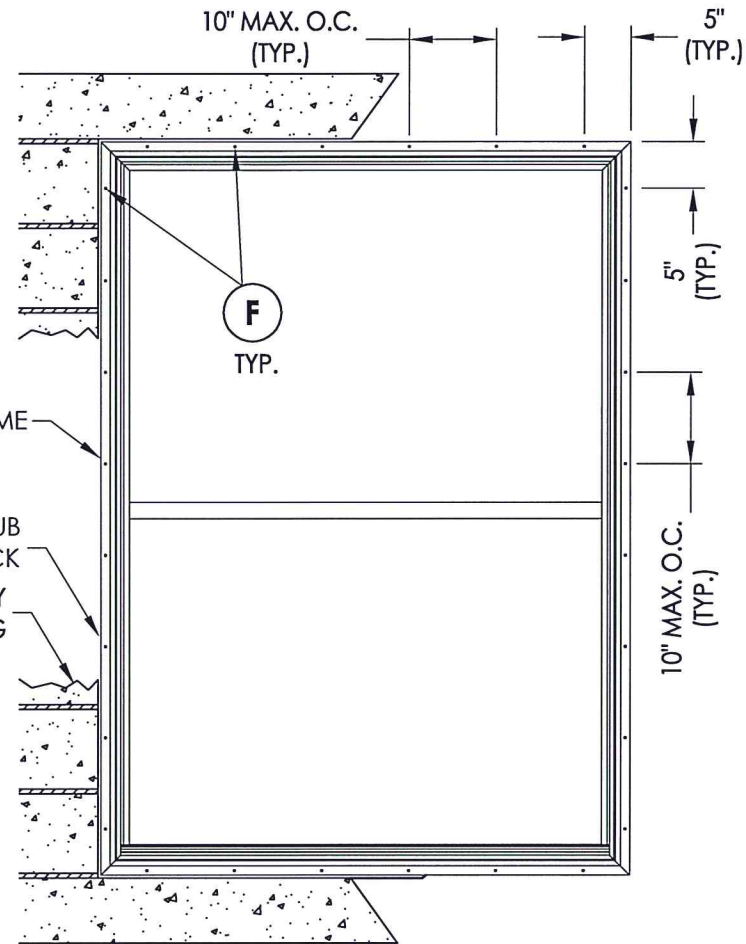
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE C.A. No. 9813

PRODUCT:		SINGLE HUNG WINDOW	
PART OR ASSEMBLY:		VERTICAL & HORIZONTAL CROSS SECTIONS	
NO.	DATE	BY	REVISIONS
1	6/26/15	LFS	UPDATE TO 5TH ED. (2014) FBC
DATE:		2/17/14	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-16854.1	
SHEET		3 OF 6	

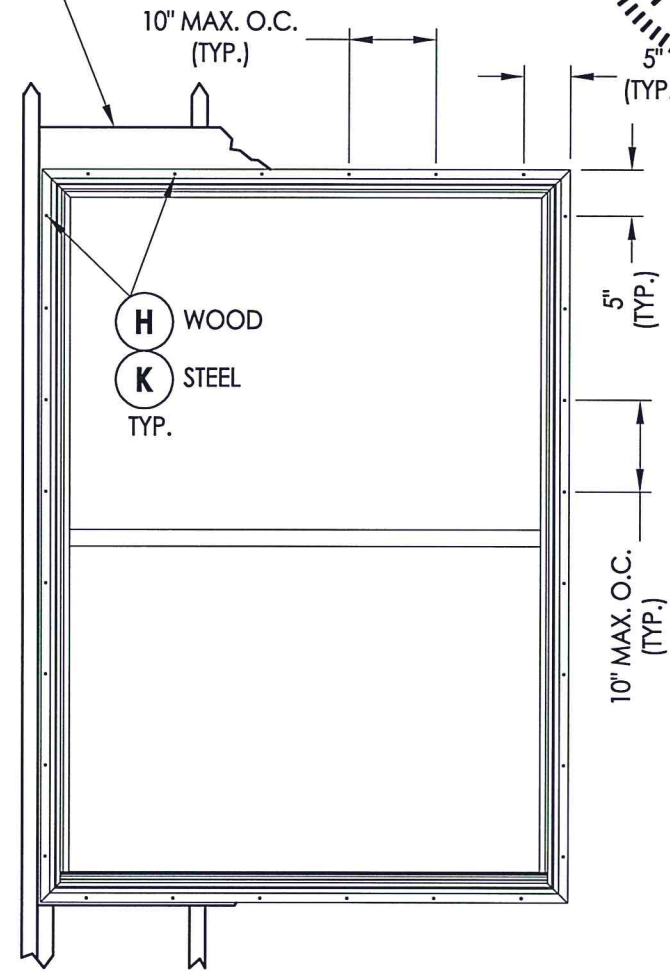
2X/STEEL STUD FRAMING TO BE DESIGNED BY THE ENGINEER OR ARCHITECT OF RECORD BASED ON WIND LOADS AND THE CLADDING BEING USED.



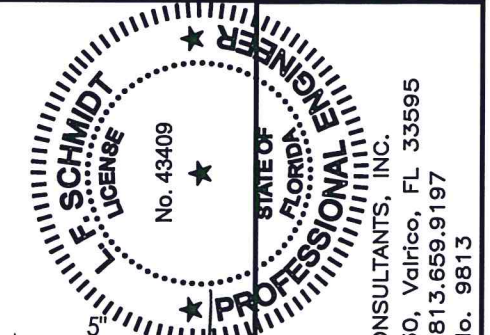
BUCK ANCHORING



FRAME ANCHORING
2X Buck Masonry Construction



FRAME ANCHORING
Stud Construction



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6/26/15
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CONCRETE ANCHOR NOTES:

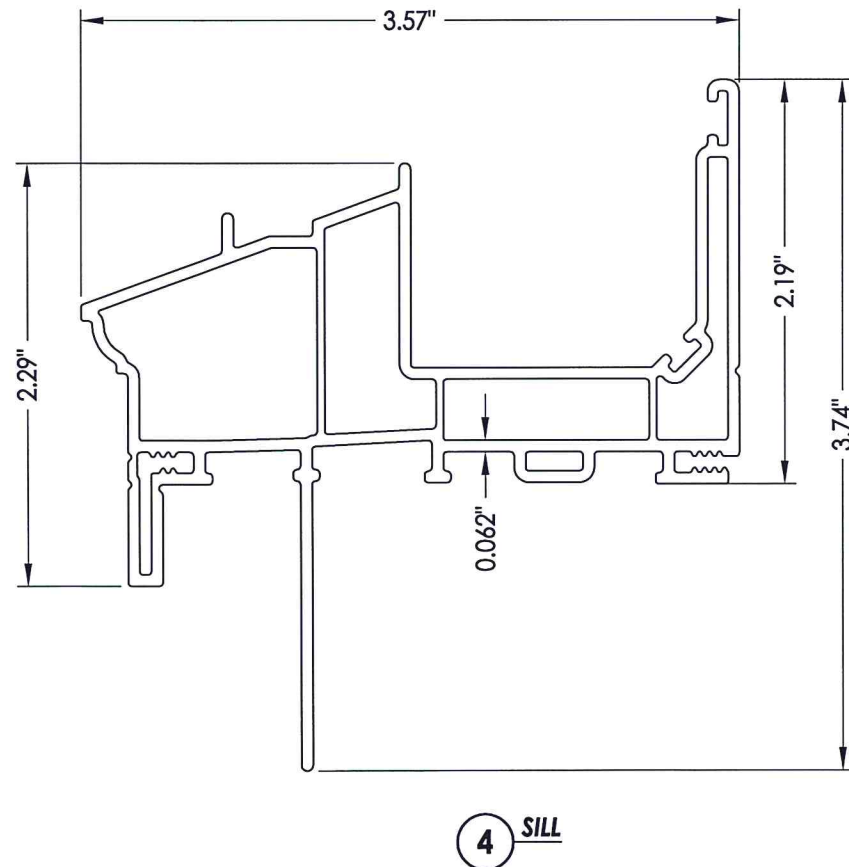
1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX.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

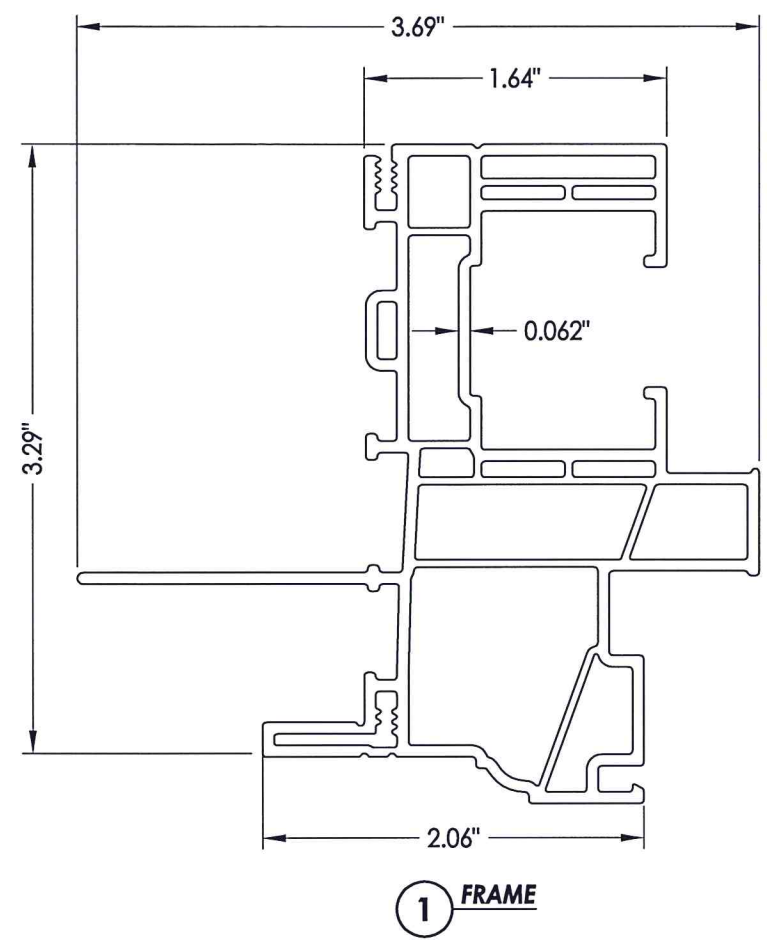
WOOD SCREW INSTALLATION NOTES:

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

PRODUCT:	SINGLE HUNG WINDOW
PART OR ASSEMBLY:	BUCK & FRAME ANCHORING
DATE:	2/17/14
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-16854.1
SHEET	4 OF 6

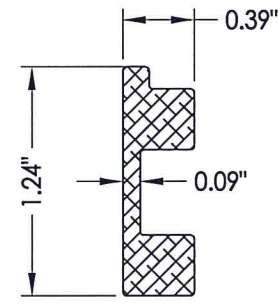


4 SILL

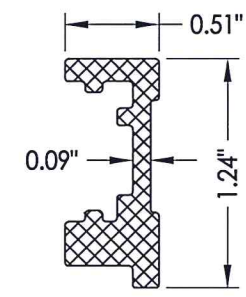


1 FRAME

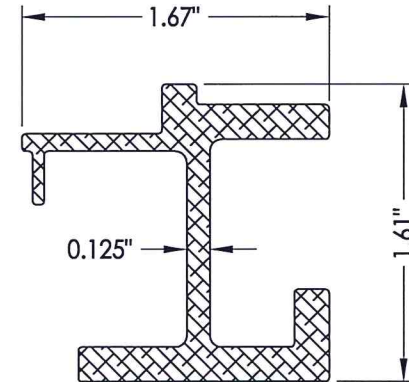
18 STILE REINFORCEMENT



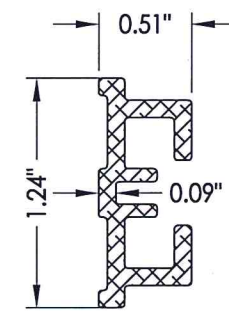
10 LOCK RAIL REINFORCEMENT



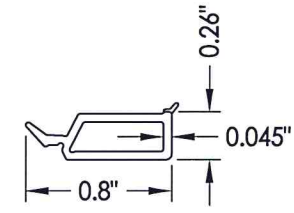
9 MEETING RAIL REINFORCEMENT



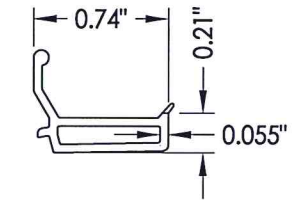
13 BOTTOM RAIL REINFORCEMENT



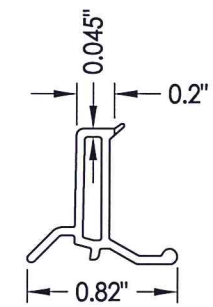
2 GLAZING BEAD



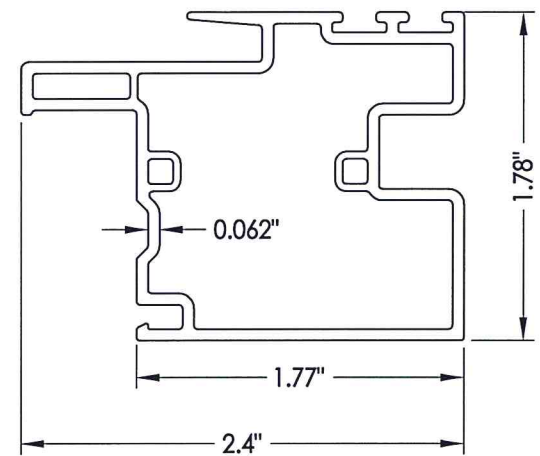
3 GLAZING BEAD



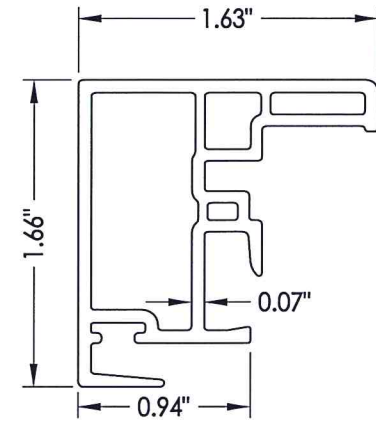
22 GLAZING BEAD W/ Drip edge



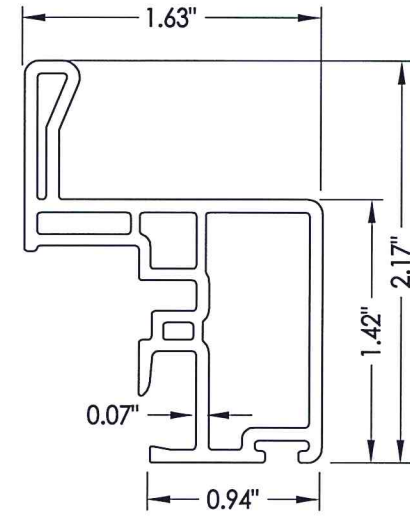
6 MEETING RAIL



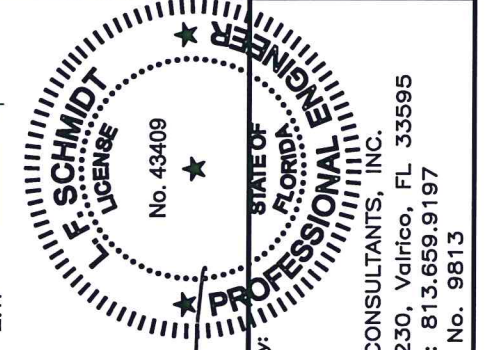
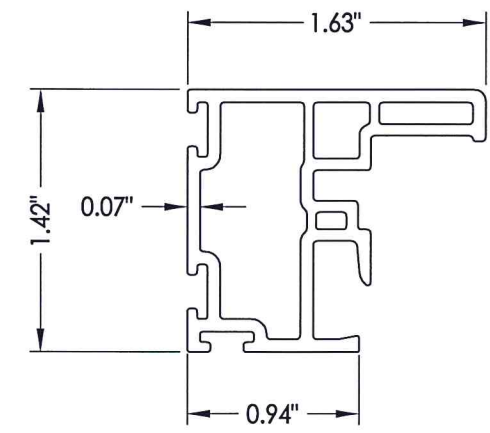
7 LOCK RAIL



8 BOTTOM RAIL



5 STILE



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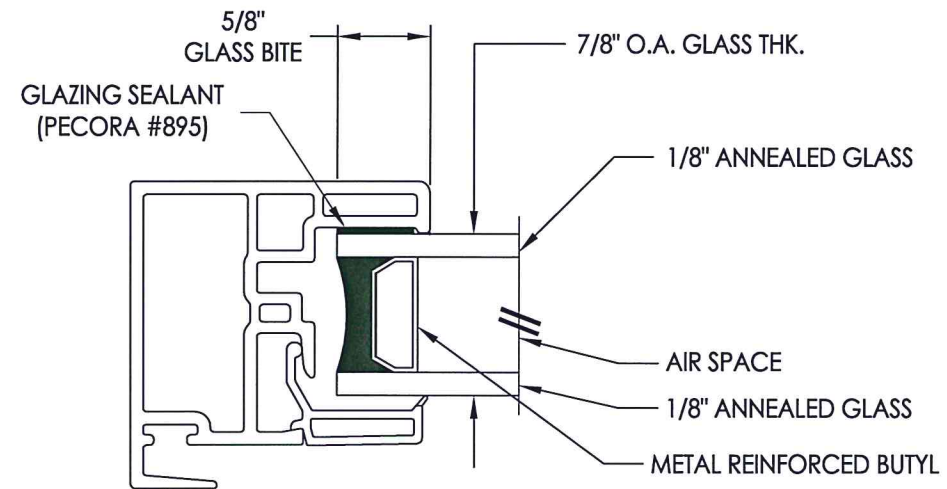
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PRODUCT:		SINGLE HUNG WINDOW	
PART OR ASSEMBLY:		COMPONENTS	
NO.	DATE	REVISIONS	BY
1	6/26/15	UPDATE TO 5TH ED. (2014)	FBC
			LFS
DATE: 2/17/14			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-16854.1			
SHEET 5 OF 6			

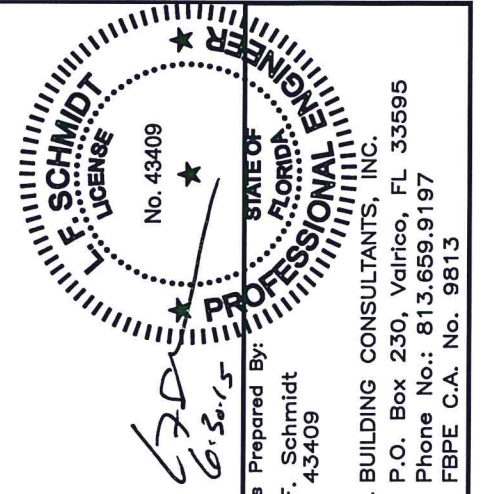
BILL OF MATERIALS

ITEM #	DESCRIPTION	MATERIAL
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" 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	#6 X 1-1/4" PPH SMS (1-1/8" MIN. EMBEDMENT)	STEEL
G	2X STUD (SG >= 0.42)	WOOD
H	#6 X 2" PPH SMS (1-1/8" 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



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PRODUCT: SINGLE HUNG WINDOW

PART OR ASSEMBLY: BILL OF MATERIALS AND GLAZING DETAILS

NO.	DATE	BY	LFS
1	6/26/15	UPDATE TO 5TH ED. (2014)	FBC

REVISIONS

DATE: 2/17/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-16854.1
SHEET 6 OF 6