



DoersWindow
MANUFACTURING

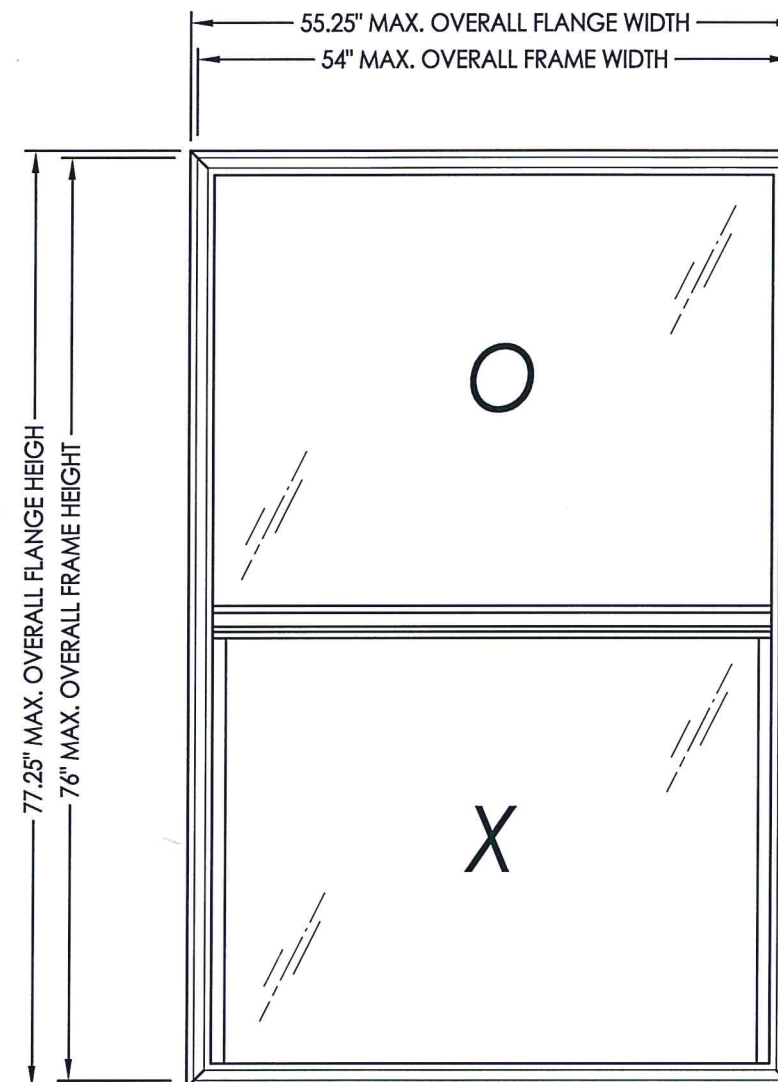
4400 Single Hung Window w/ Flange "NON-IMPACT"

GENERAL NOTES

- This product has been evaluated and is in compliance with the 6th Edition (2017) Florida Building Code (FBC), excluding the "High Velocity Hurricane Zone" (HVHZ).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- 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.
- For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

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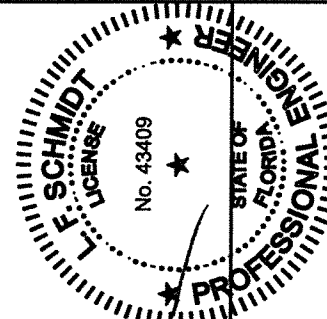
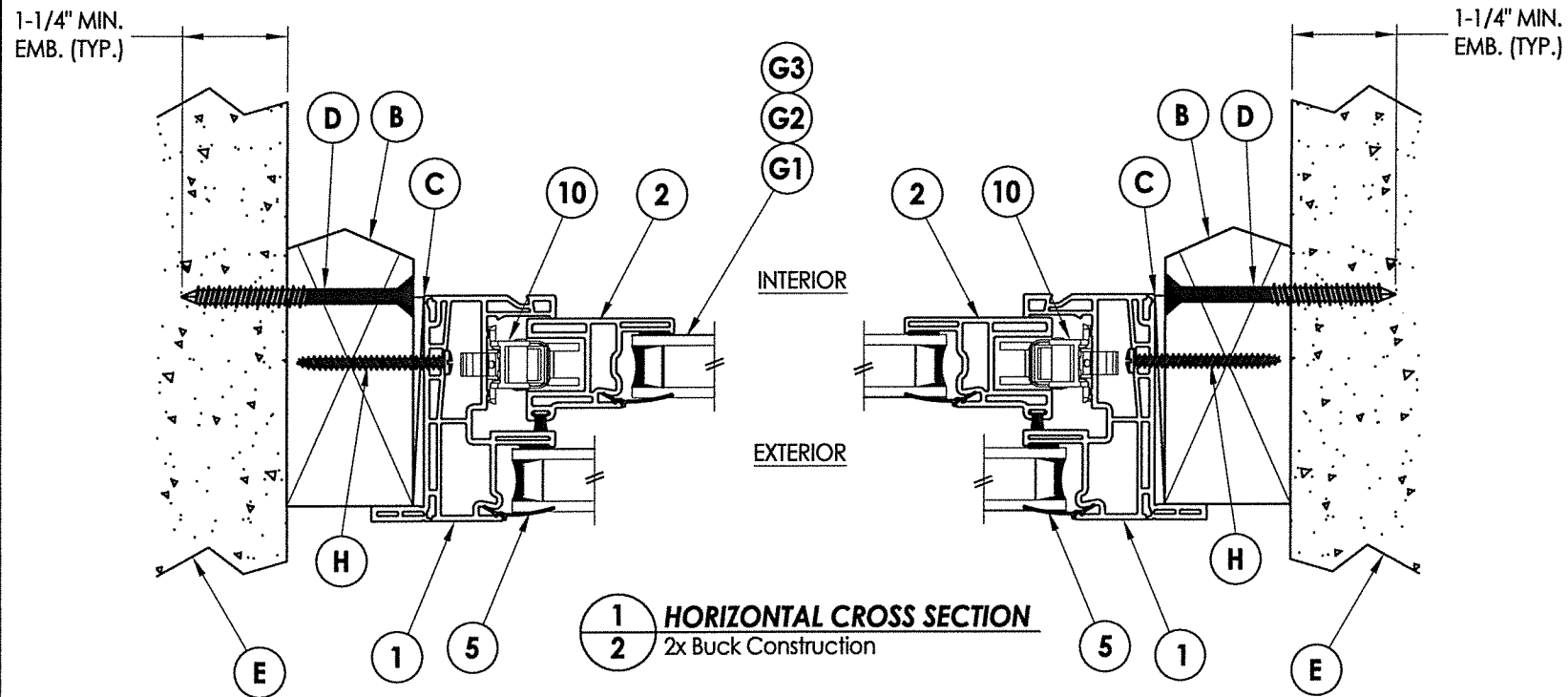
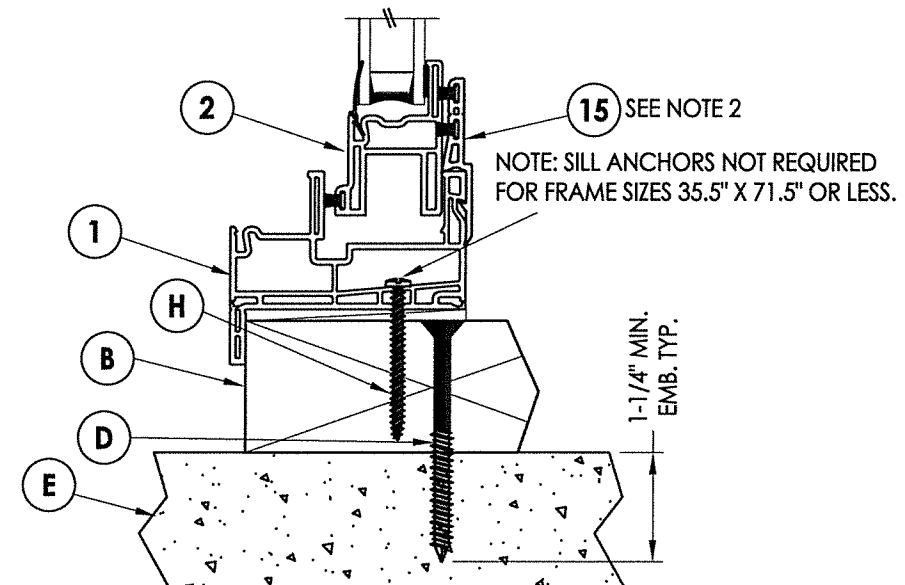
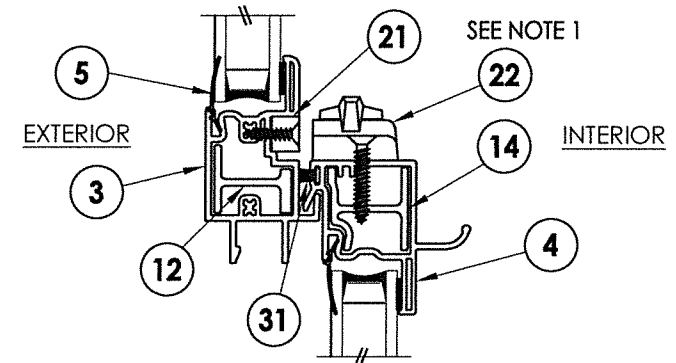
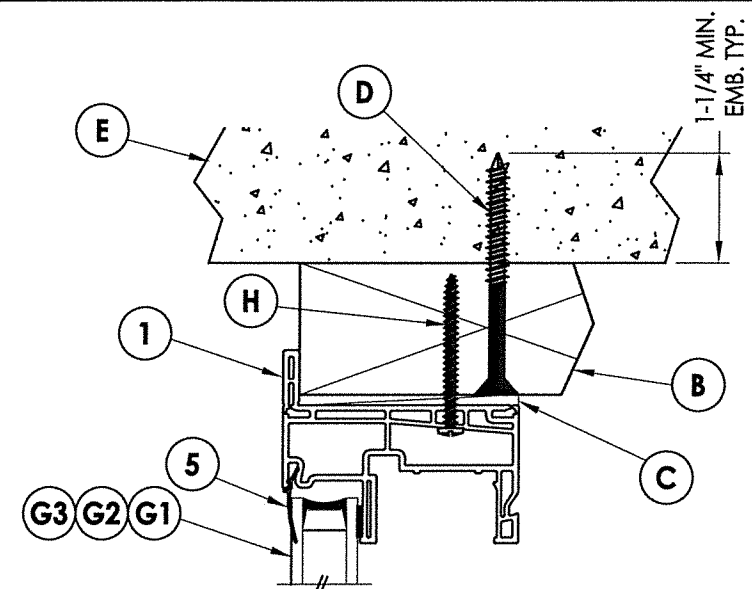
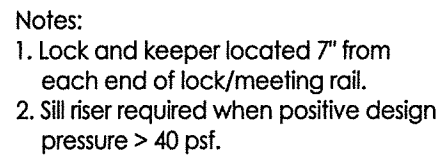
SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Vertical & horizontal cross sections
3	Vertical & horizontal cross sections
4	Buck & frame anchoring
5	Bill of materials, components and glazing details



MAX. O.A. FLANGE DIMENSION	MAX. O.A. FRAME DIMENSION	MAX. SASH D.L.O. DIMENSION	MAX. FIXED D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
					POS.	NEG.
55.25" X 77.25"	54" X 76"	48.0" x 33.44"	50.88" x 35.19"	G1	+30.0	-30.0
36.75" X 72.75"	35.5" X 71.5"	29.5" x 31.0"	32.25" x 32.75"	G1	+40.0	-50.0
36.75" X 72.75"	35.5" X 71.5"	29.5" x 31.0"	32.25" x 32.75"	G1	+50.0*	-50.0
36.75" X 72.75"	35.5" X 71.5"	29.5" x 31.0"	32.25" x 32.75"	G2 / G3	+65.0*	-70.0

*Requires sill riser

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: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES
3 8/04/20 UPDATE TO 7th ED. (2020) FBC 2 2/08/18 REVISE DESIGN PRESSURE TABLE 1 10/08/17 UPDATE TO 6TH ED. (2017) FBC	NO. DATE BY
REVISIONS	
DATE: 12/18/15	
SCALE: N.T.S.	
DWG. BY: JK	
CHK. BY: LFS	
DRAWING NO.: FL-16854.8	
SHEET 1 OF 5	

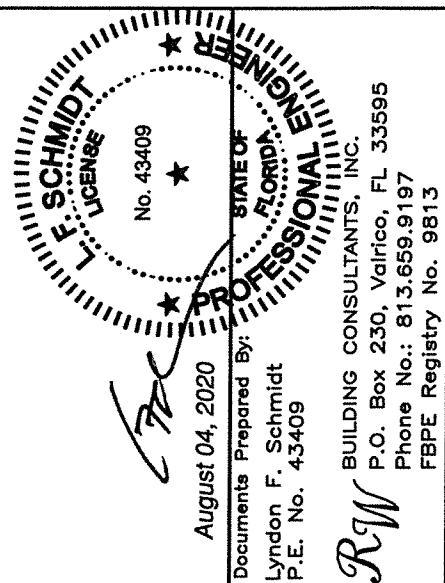
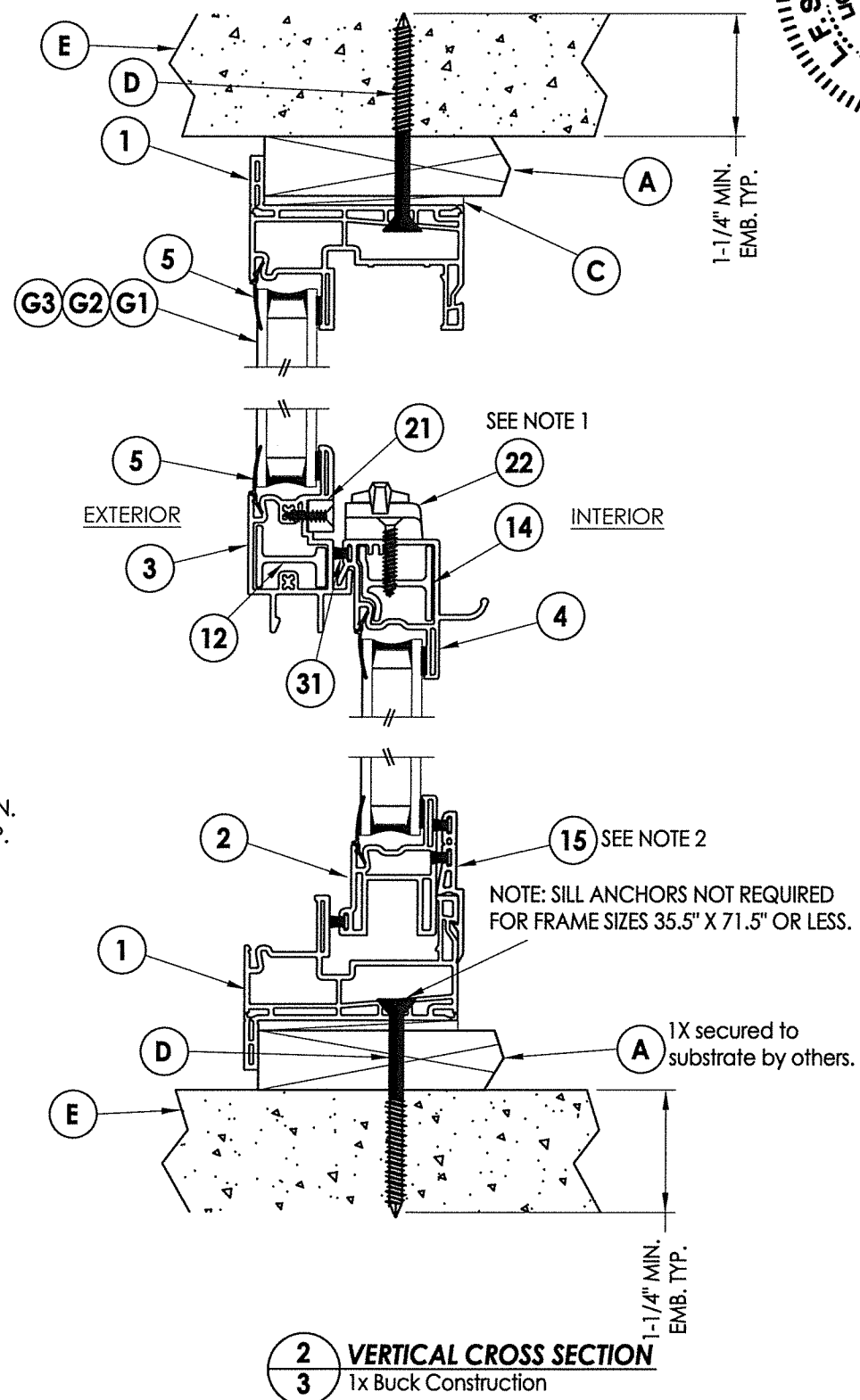
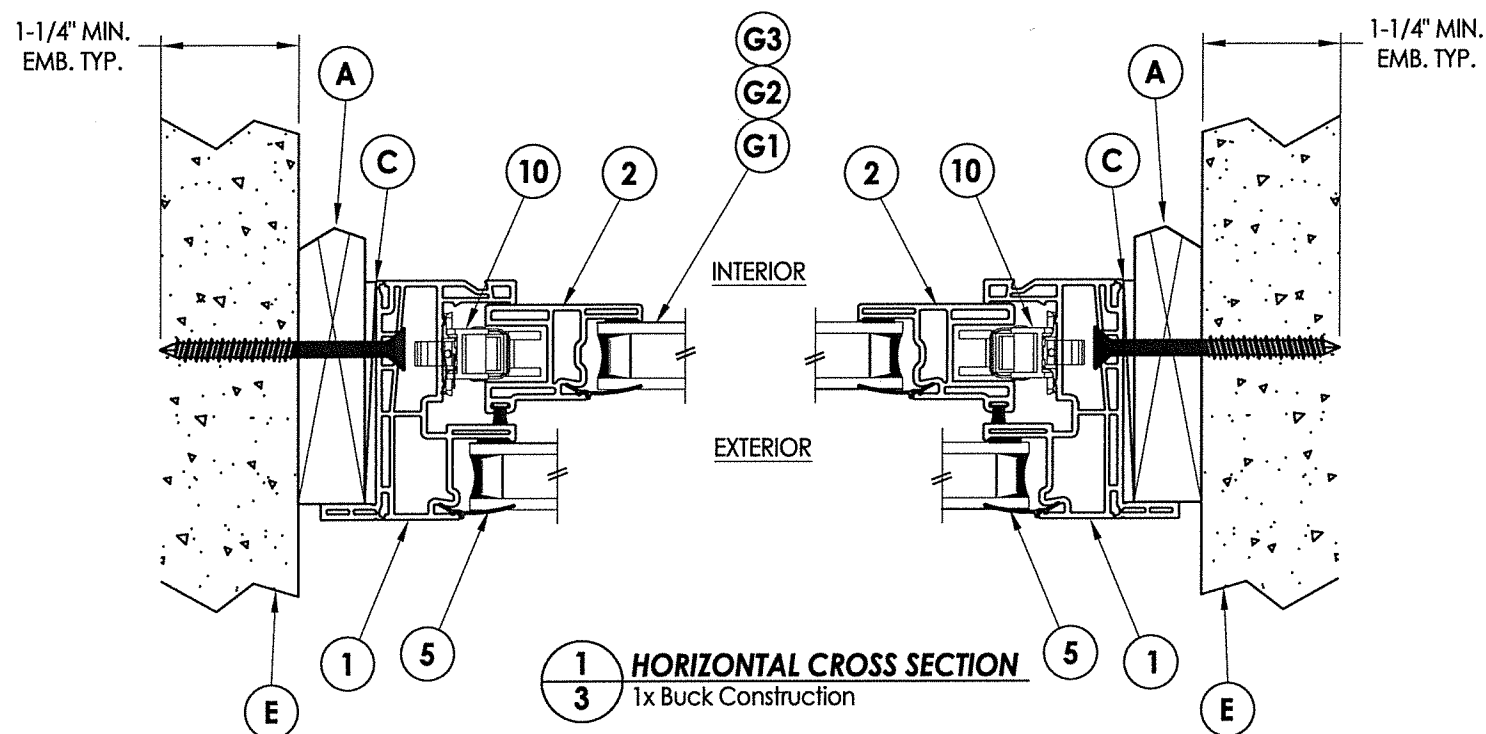
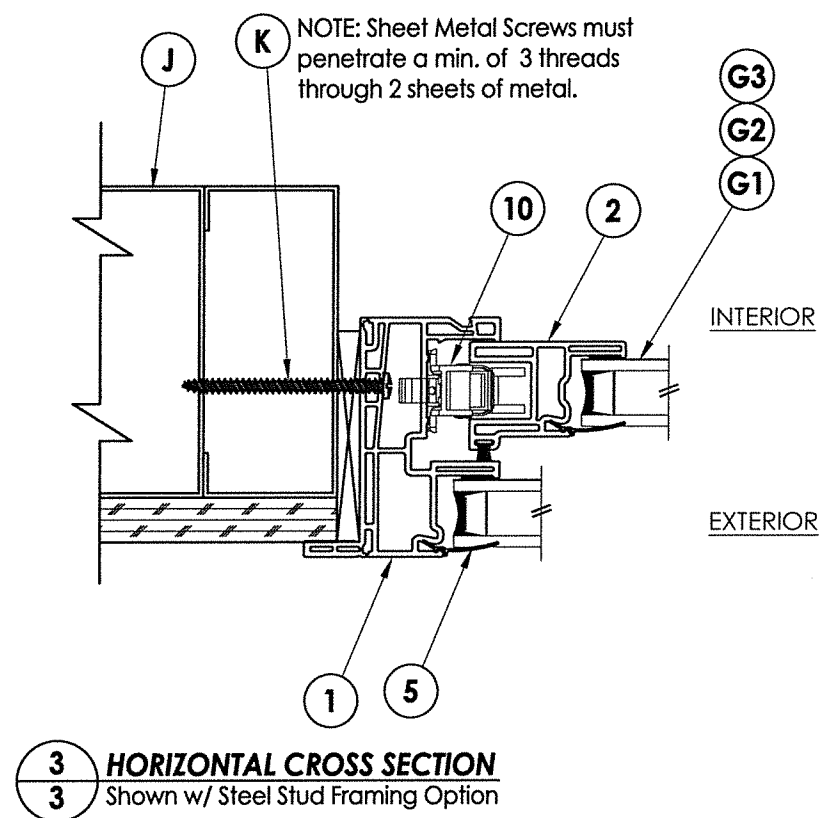


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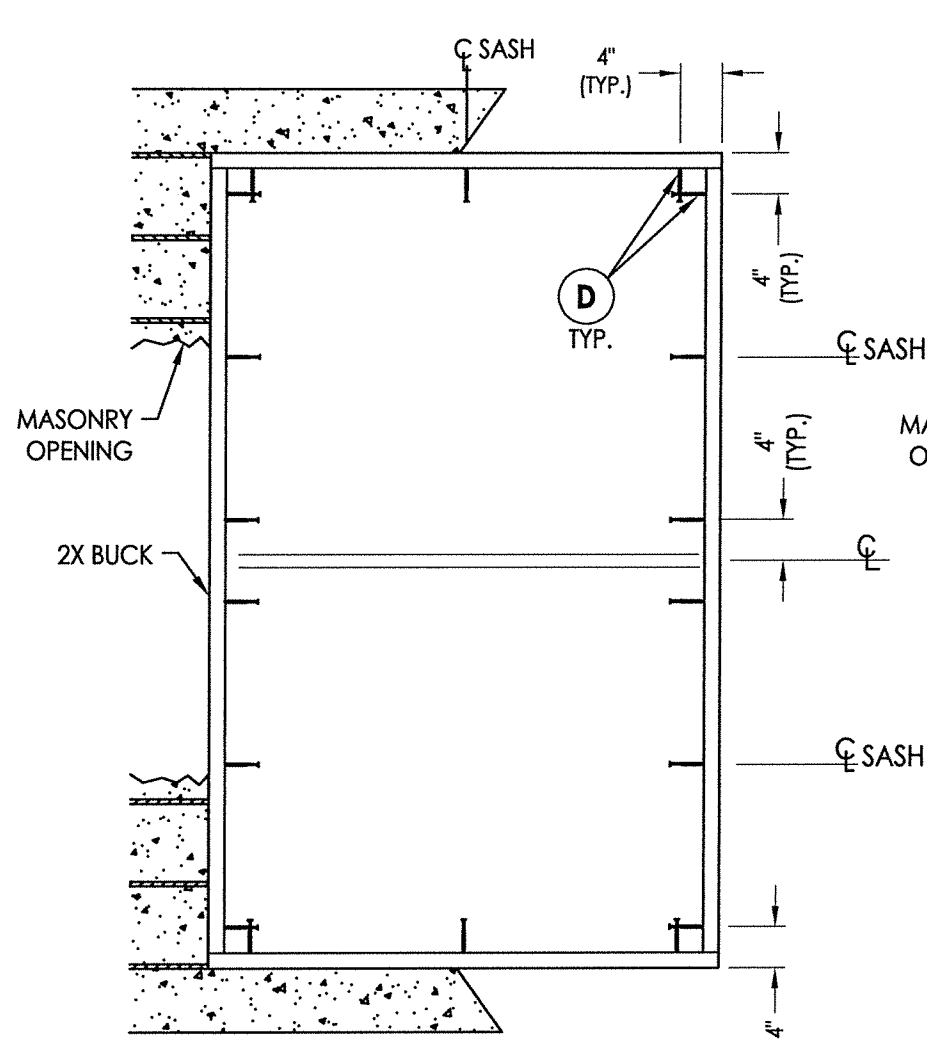
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
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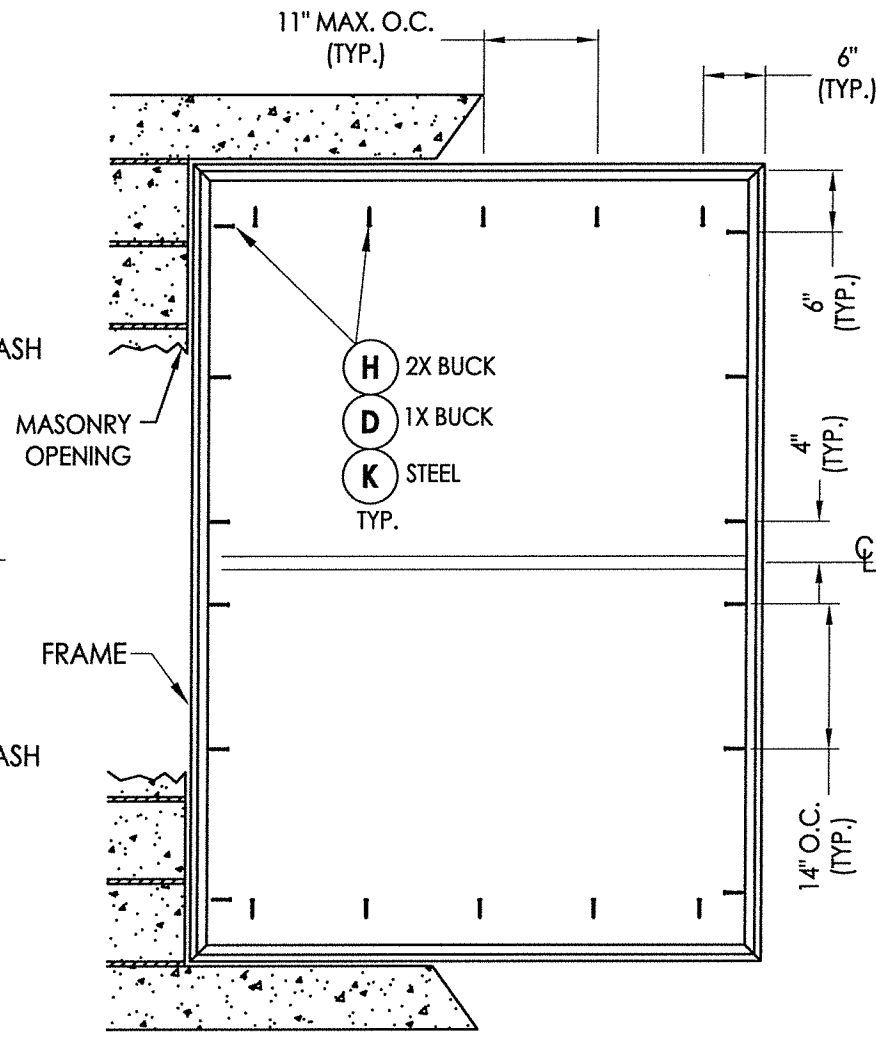
1. Lock and keeper located 7" from each end of lock/meeting rail.
2. Sill riser required when positive design pressure > 40 psf.

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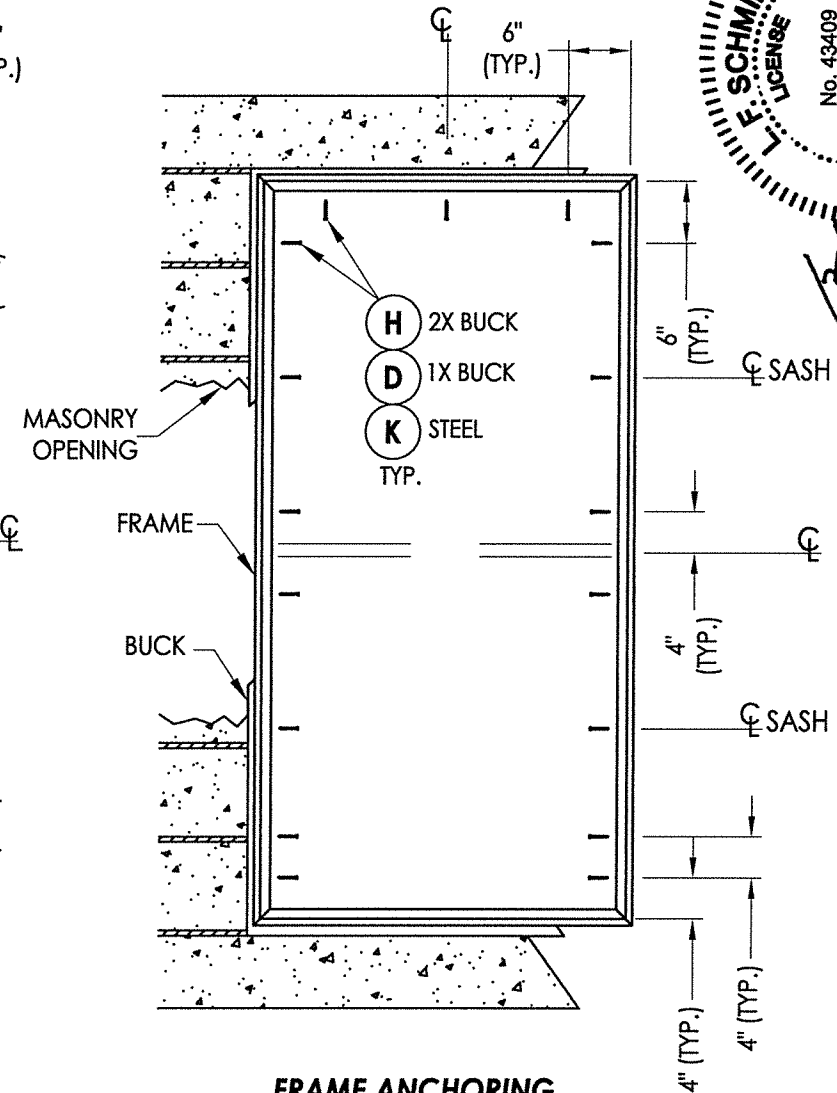
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BUCK ANCHORING



FRAME ANCHORING
MASONRY CONSTRUCTION



FRAME ANCHORING
MASONRY CONSTRUCTION
(MAX. FRAME SIZE = 35.5' X 71.5')

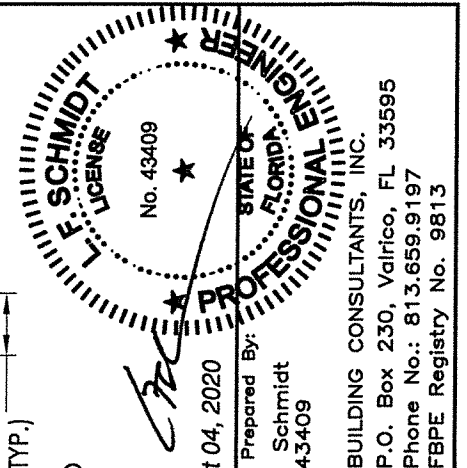
CONCRETE ANCHOR NOTES:

- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- 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.
- 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:

- 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

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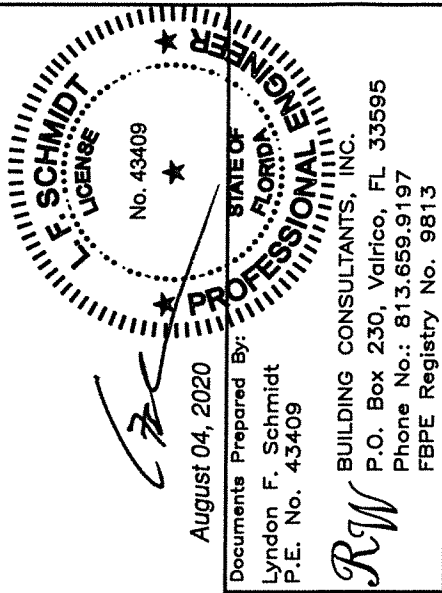
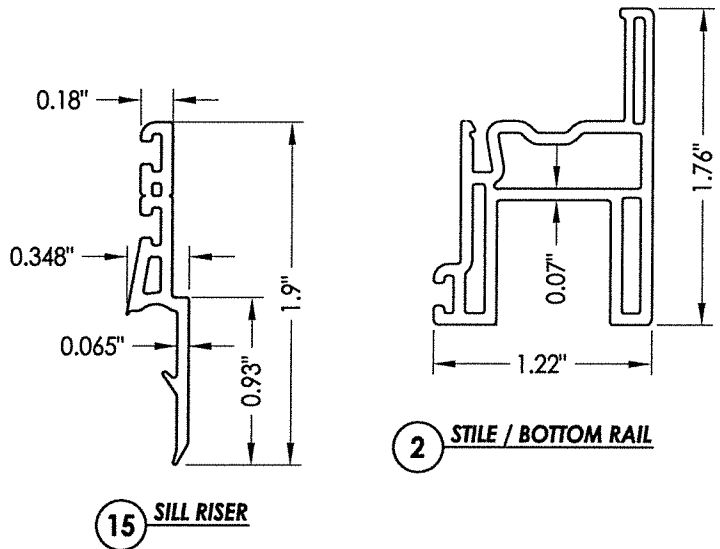
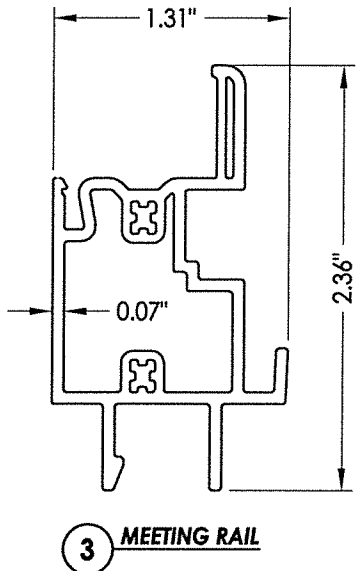
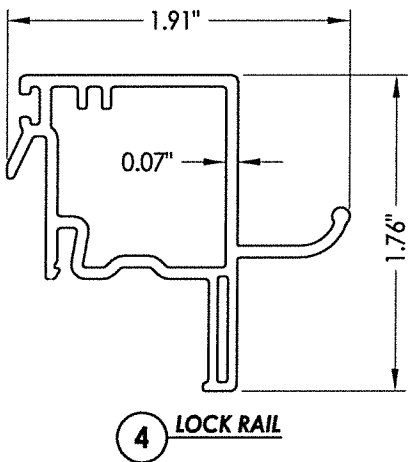
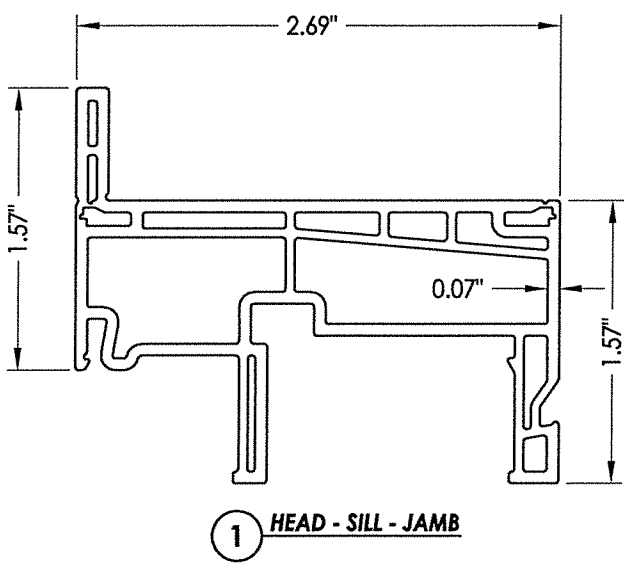
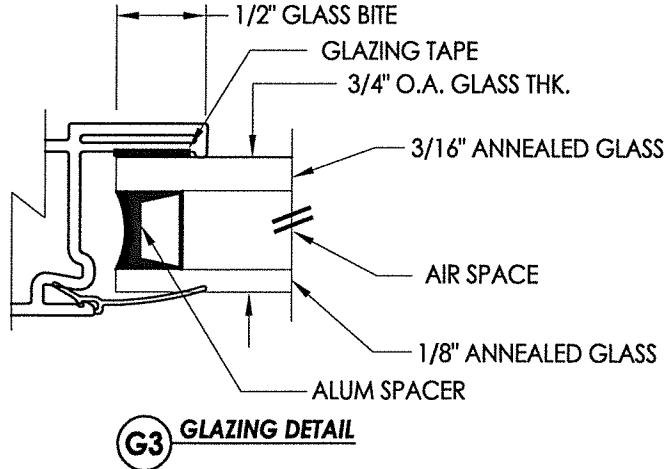
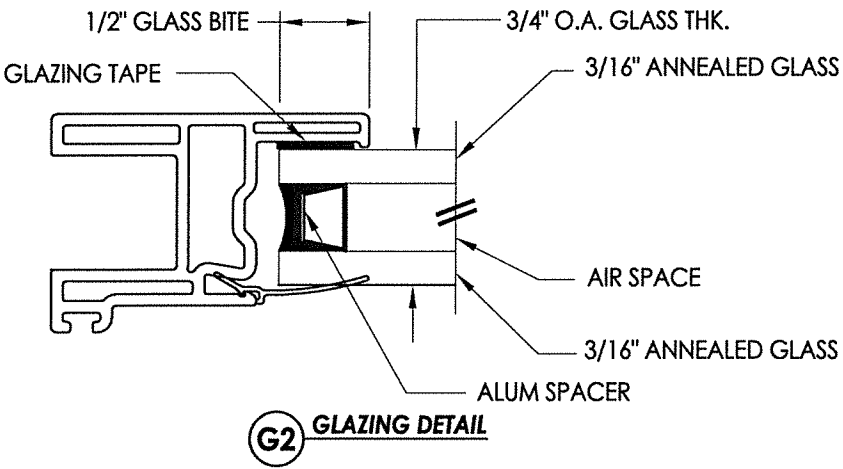
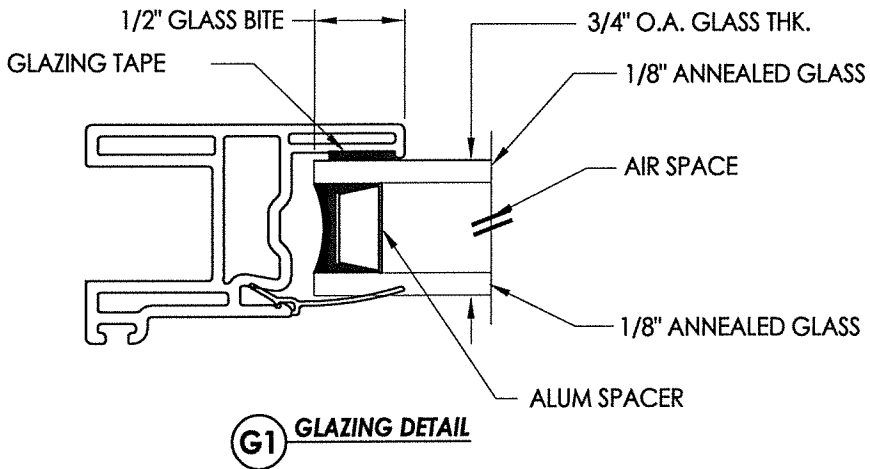
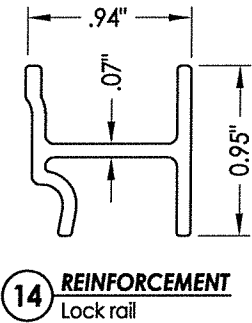
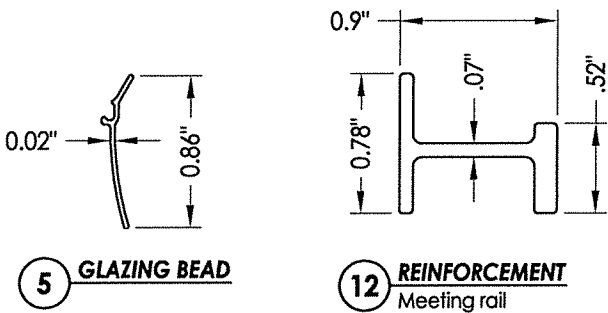
RW
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FBPE Registry No. 9813

PRODUCT:		PART OR ASSEMBLY:	
SINGLE HUNG WINDOW		BUCK & FRAME ANCHORING	
NO.	DATE	BY	REVISIONS
3	8/04/20	DAC	UPDATE TO 7th ED. (2020) FBC
2	2/08/18	LFS	REVISE DESIGN PRESSURE TABLE
1	10/08/17	JK	UPDATE TO 6TH ED. (2017) FBC
DATE: 12/18/15			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-16854.8			
SHEET 4 OF 5			

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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	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
H	#10 X 1-3/4" PFH WS (1-3/8" 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	HEAD - SILL- JAMB*	PVC
2	STILE / BOTTOM RAL*	PVC
3	MEETING RAIL*	PVC
4	LOCK RAIL*	PVC
5	GLAZING BEAD*	PVC
10	WINDOW BALANCE	-
12	REINFORCEMENT (MEETING RAIL)	6063-T6 ALUM.
14	REINFORCEMENT (LOCK RAIL)	6063-T6 ALUM.
15	SILL RISER*	PVC
21	KEEPER	-
22	LOCK ASSEMBLY	-
31	CENTER FIN PILE - .270 X .220	-

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



PRODUCT:		SINGLE HUNG WINDOW	
PART OR ASSEMBLY:		BILL OF MATERIALS, COMPONENTS AND GLAZING DETAILS	
NO.	DATE	BY	REVISIONS
3	8/04/20	JK	UPDATE TO 7th ED. (2020) FBC
2	2/08/18	LFS	REVISE DESIGN PRESSURE TABLE
1	10/08/17	JK	UPDATE TO 6TH ED. (2017) FBC
DATE: 12/18/15			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-16854.8			
SHEET 5 OF 5			