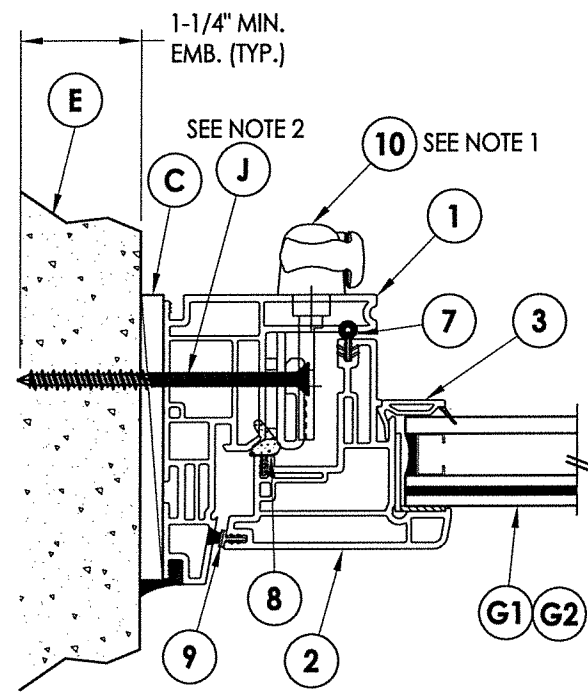
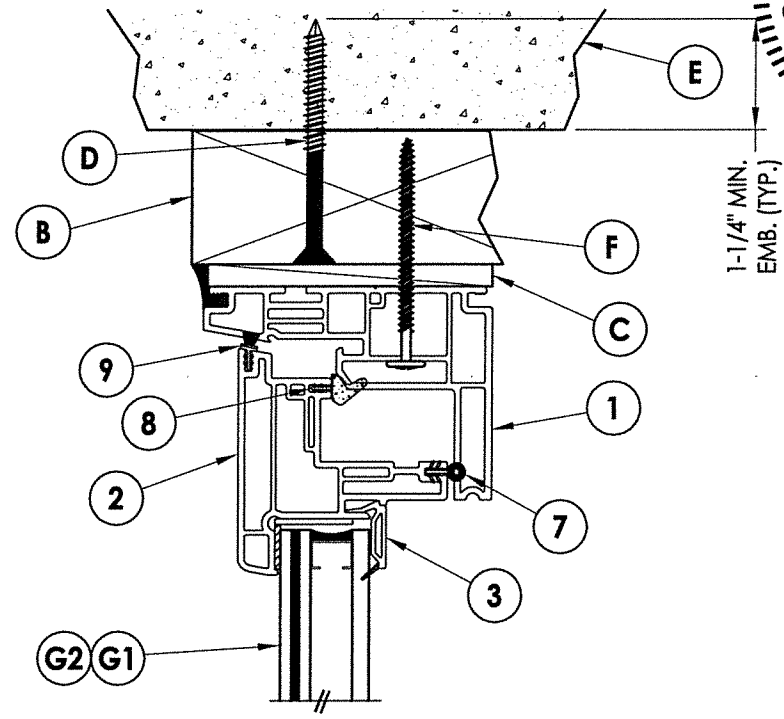


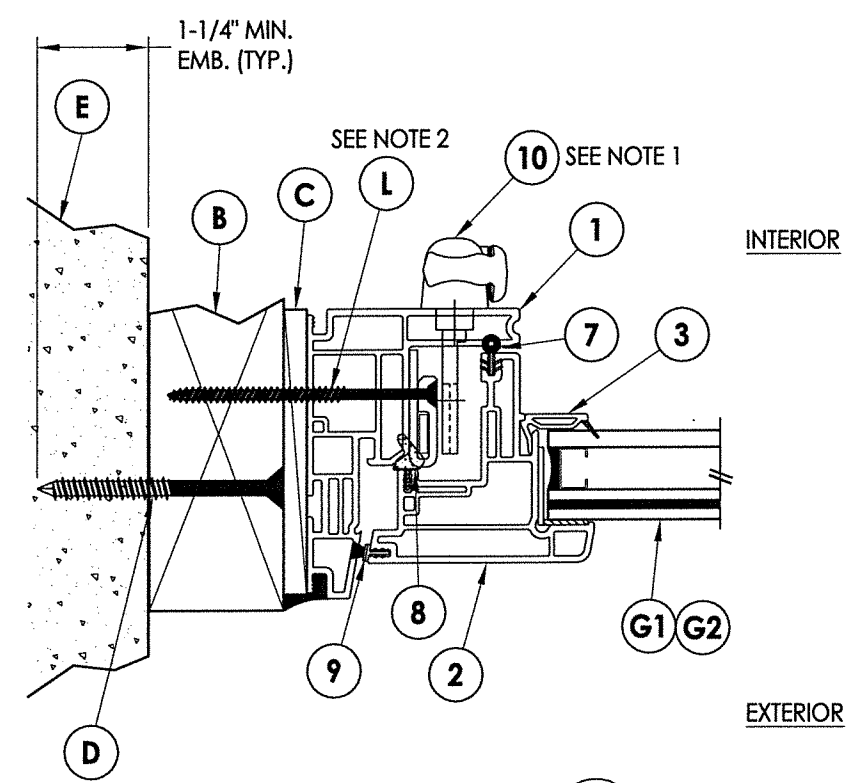
- Notes:
1. Multi-point locks/keepers (4) located at 4.125", 25.75", 46.5" & 66.375" from the bottom of sash.
  2. Items L & J located in one hole of tie bar guide (1 total per guide).
  3. Item G located in outside holes of operator base (2 total).
  4. Item K located in one hole of snubber (1 total per snubber).



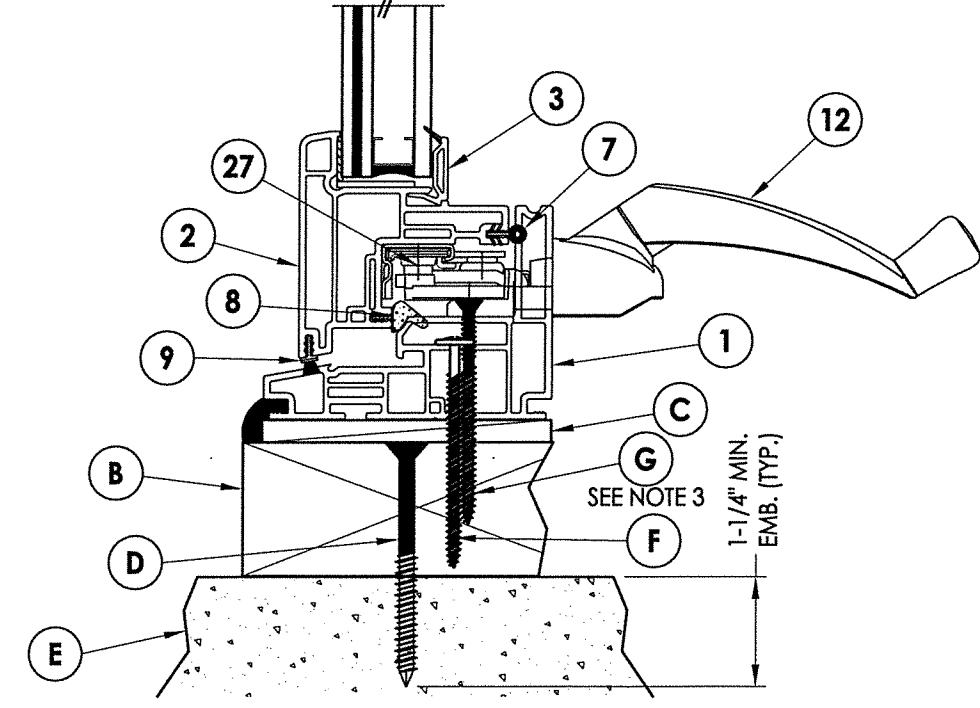
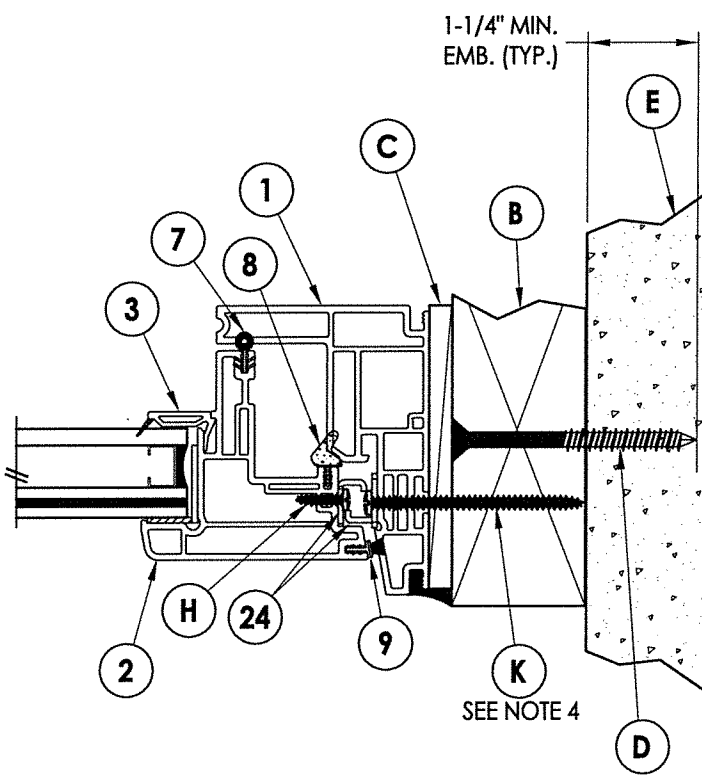
**3 HORIZONTAL CROSS SECTION**  
2 Shown Direct to Masonry



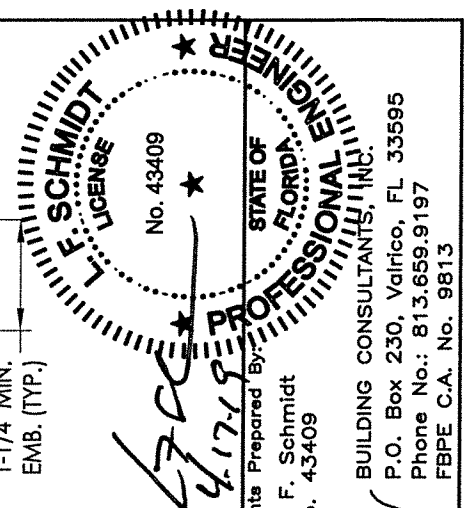
**2 VERTICAL CROSS SECTION**  
2 Shown w/ 2X Buck



**1 HORIZONTAL CROSS SECTION**  
2 Shown w/ 2X Buck



**2 VERTICAL CROSS SECTION**  
2 Shown w/ 2X Buck



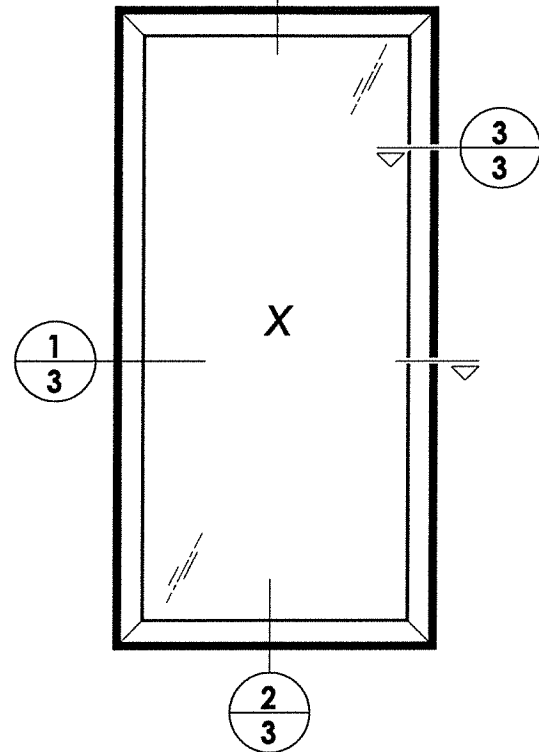
Documents Prepared By:  
Lyndon F. Schmidt  
P.E. No. 43409

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

PRODUCT: 8800 SERIES Vinyl Outswing Casement Window  
PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS

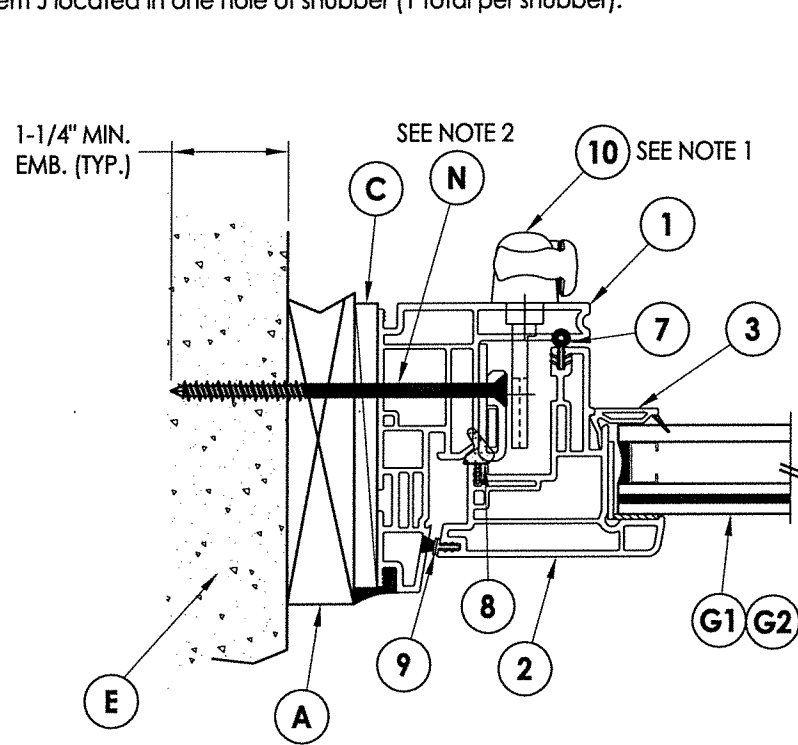
NO.	DATE	REVISIONS
3	4/11/19	REVISE FOR NEW HARDWARE
2	6/01/17	UPDATE TO 6TH ED. (2017) FBC
1	1/28/15	UPDATE TO 5TH ED. (2014) FBC

DATE: 4/04/13  
SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS  
DRAWING NO.: FL-15817.3  
SHEET 2 OF 5

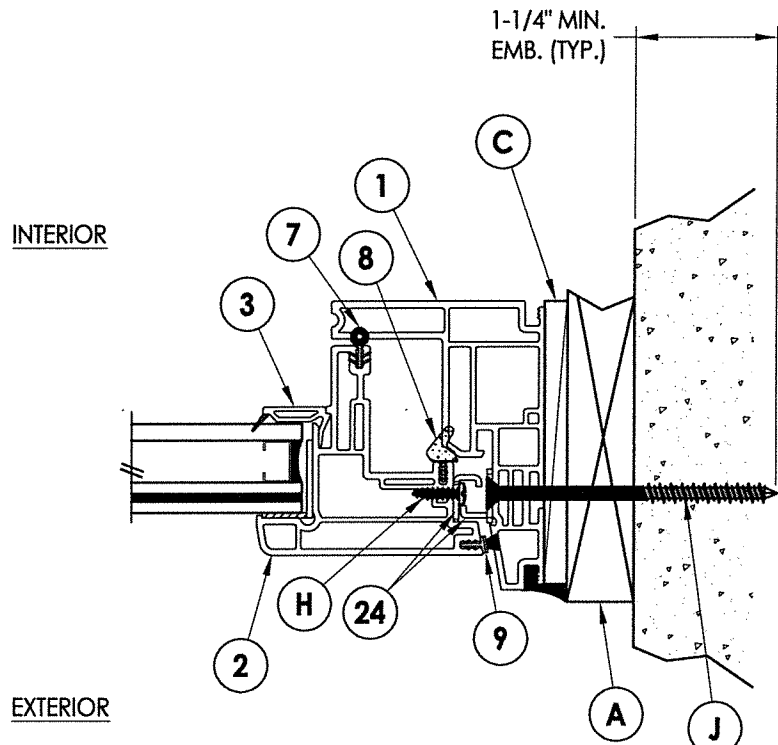


**Notes:**

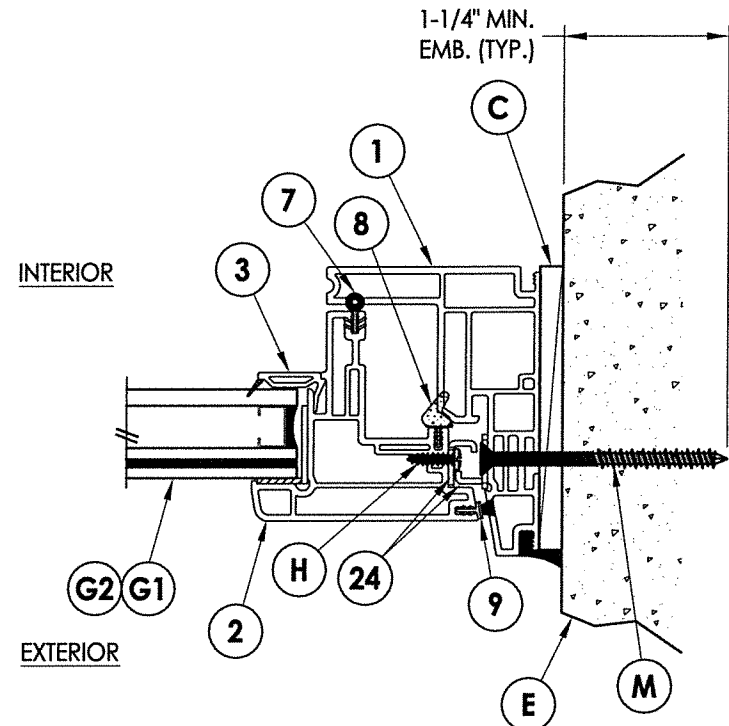
1. Multi-point locks/keepers (4) located at 4.125", 25.75", 46.5" & 66.375" from the bottom of sash.
2. Item N located in one hole of tie bar guide (1 total per guide).
3. Item J located in outside holes of operator base (2 total).
4. Item J located in one hole of snubber (1 total per snubber).



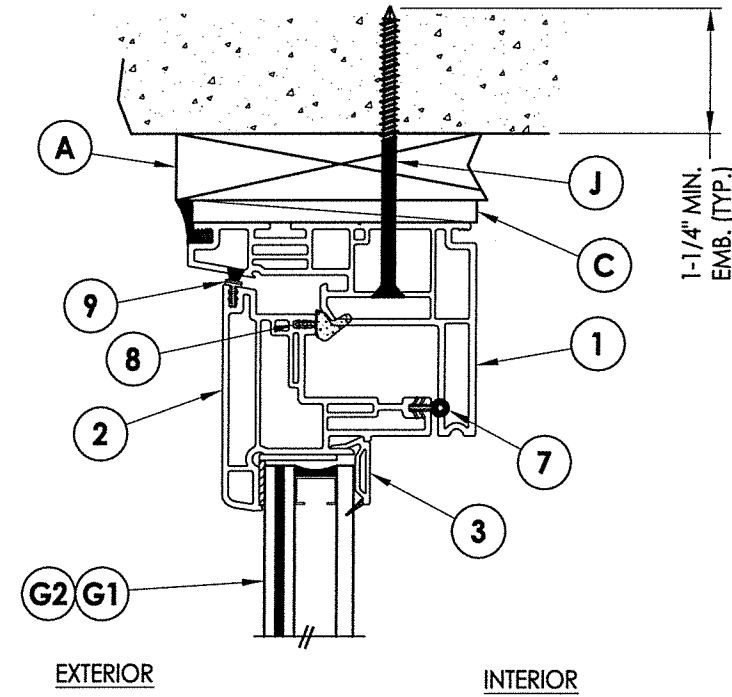
**1** **HORIZONTAL CROSS SECTION**  
**3** Shown w/ 1X Buck



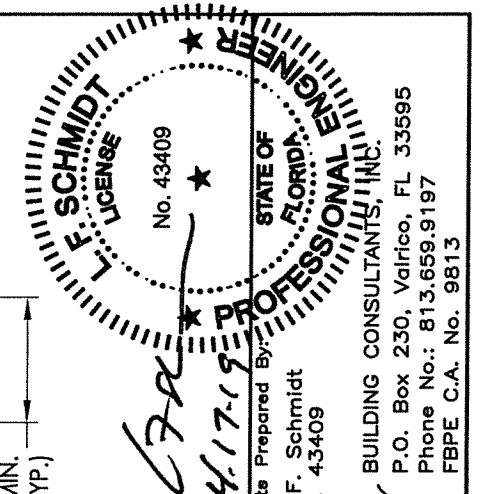
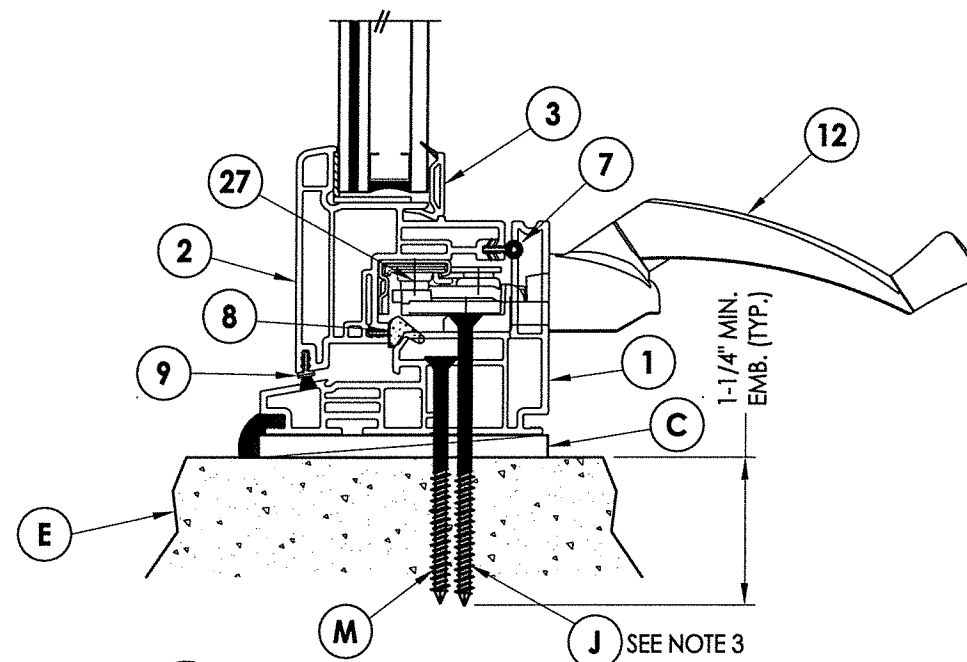
SEE NOTE 4



**3** **HORIZONTAL CROSS SECTION**  
**3** Shown Direct to Masonry



**2** **VERTICAL CROSS SECTION**  
**3** Shown w/ 1X Buck @ head & Direct to Masonry @ sill



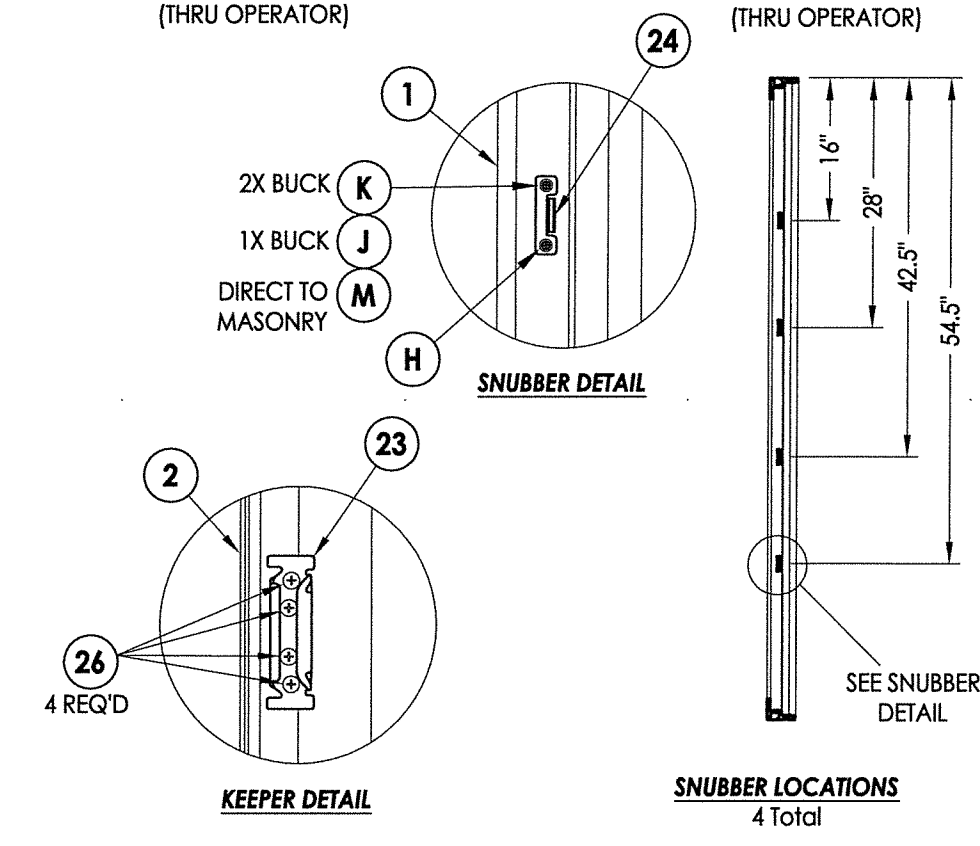
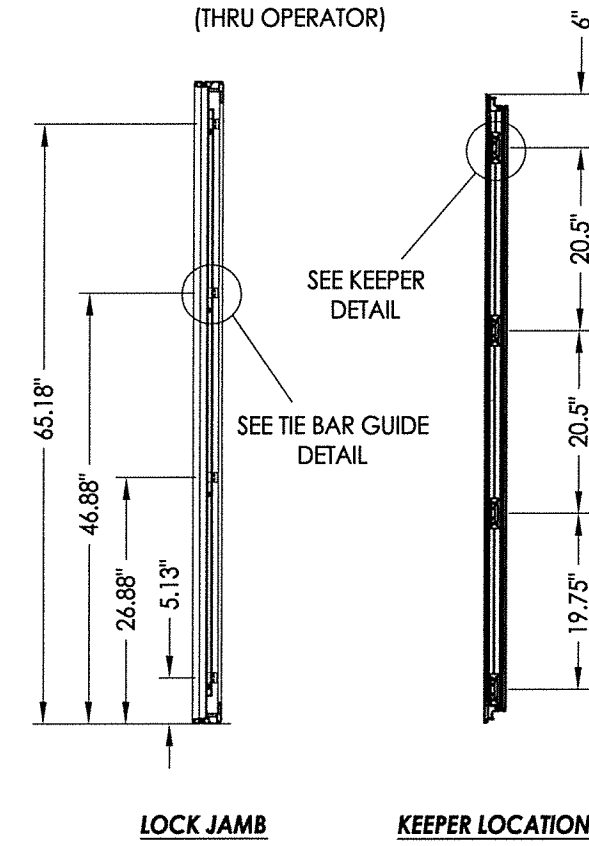
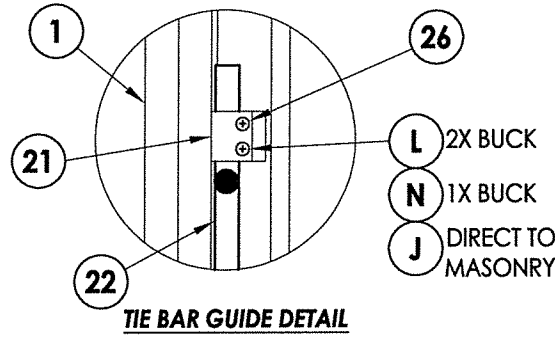
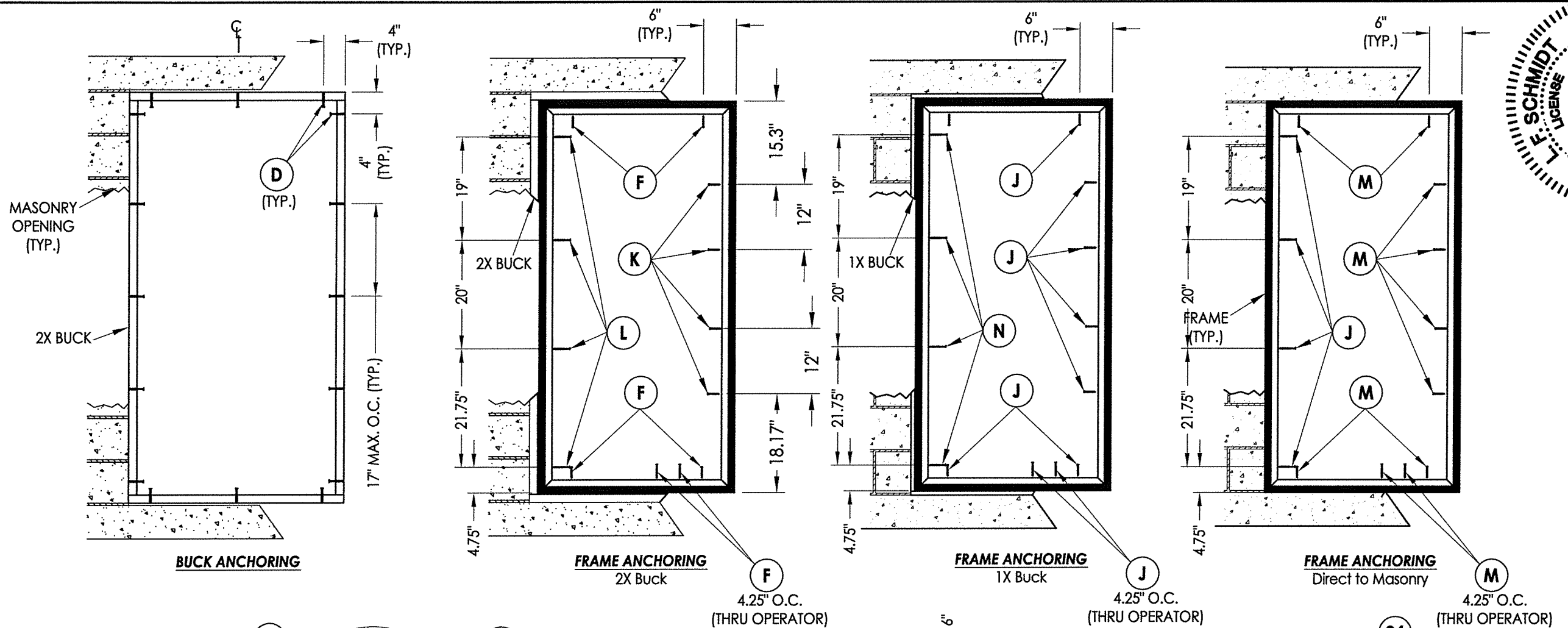
Documents Prepared By:  
Lyndon F. Schmidt  
P.E. No. 43409

8800 SERIES  
Vinyl Outswing Casement Window

PART OR ASSEMBLY:  
HORIZONTAL & VERTICAL  
CROSS SECTIONS

NO.	DATE	BY
3	4/11/19	LFS
2	6/01/17	FBC
1	1/28/15	FBC

DATE: 4/04/13  
SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS  
DRAWING NO.: FL-15817.3  
SHEET 3 OF 5



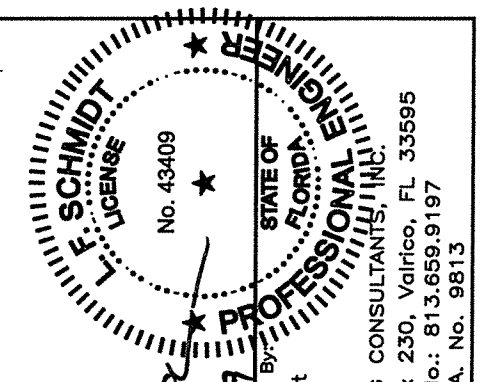
**CONCRETE ANCHOR NOTES:**

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®	3/16" 1/4"	1-1/4"	2"	4"
ELCO ULTRACON®	3/16" 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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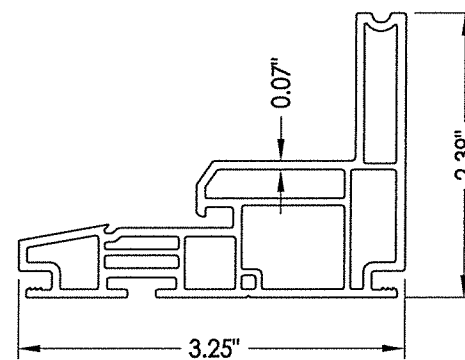
**R.W. BUILDING CONSULTANTS, INC.**  
 P.O. Box 230, Valrico, FL 33595  
 Phone No.: 813.659.9197  
 FBPE C.A. No. 9813

PRODUCT:	8800 SERIES Vinyl Outswing Casement Window	
PART OR ASSEMBLY:	BUCK AND FRAME ANCHORING	
REVISIONS		
NO.	DATE	BY
3	4/11/19	LFS
2	6/01/17	FBC
1	1/28/15	JK
DATE: 4/04/13		
SCALE: N.T.S.		
DWG. BY: JK		
CHK. BY: LFS		
DRAWING NO.: FL-15817.3		
SHEET 4 OF 5		

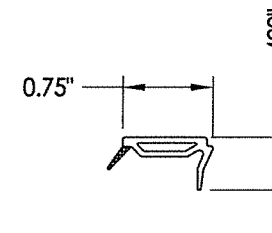
**BILL OF MATERIALS**

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 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" MODIFIED TRUSS HEAD (7/16" Ø) SMS (1-3/8" MIN. EMBEDMENT)	STEEL
G	#8 X 2-1/2" PFH WOOD SCREW (7/8" MIN. EMB.)	STEEL
H	#8 X 1/2" PPH SMS	STEEL
J	3/16" X 3-1/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
K	#8 X 2-1/2" PPH WOOD SCREW (1-1/2" MIN. EMB.)	STEEL
L	#8 X 3" PFH SMS (1-5/16" MIN. EMB.)	STEEL
M	3/16" X 2-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
N	3/16" X 3-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
1	FRAME*	PVC
2	SASH*	PVC
3	GLAZING BEAD*	PVC
7	WEATHERSTRIP AMESBURY (CS 120 33-SEAL)	FOAM
8	WEATHERSTRIP AMESBURY (12300 SEAL)	VINYL
9	WEATHERSTRIP ULTRA FAB .250 (PILE - 250 - KP52)	VINYL
10	MULTI-POINT LOCK (TRUTH) 24.33.32.004	-
12	OPERATOR HANDLE (TRUTH) 50.10.00.011	-
21	TIE BAR GUIDE (TRUTH) 32384	-
22	TIE BAR (TRUTH) 12926	-
23	KEEPER (TRUTH)	-
24	SNUBBER (TRUTH) (SASH/FRAME) 22999	-
26	#8 X 1/2" PFH SMS	S.S.
27	OPERATOR (TRUTH STANDARD, MAX. CLEAR OR STAINLESS STEEL)	STEEL

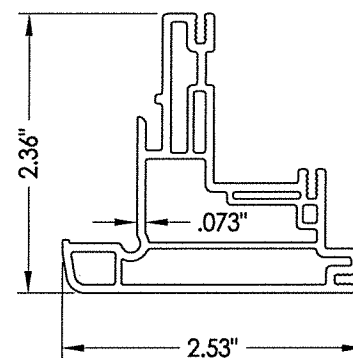
\* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



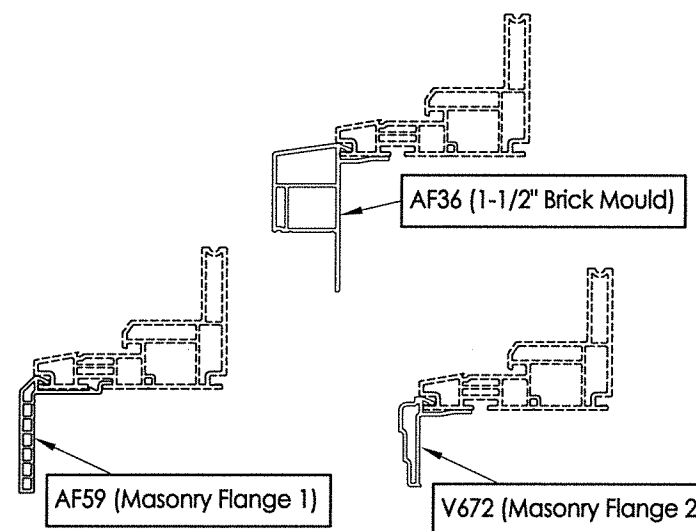
**1 FRAME**



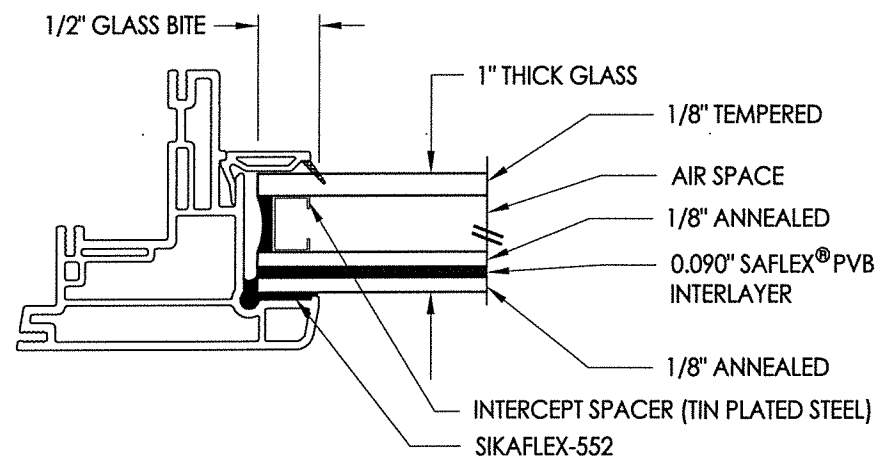
**3 GLAZING BEAD**



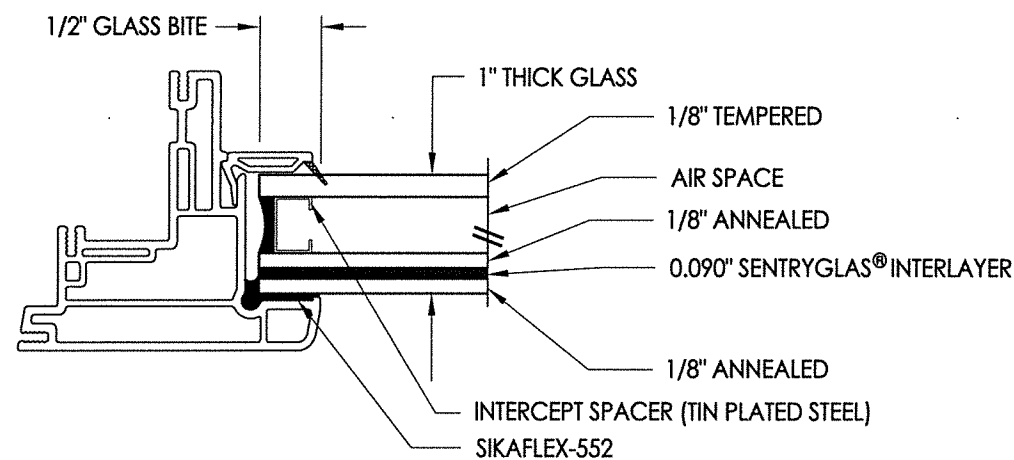
**2 SASH**



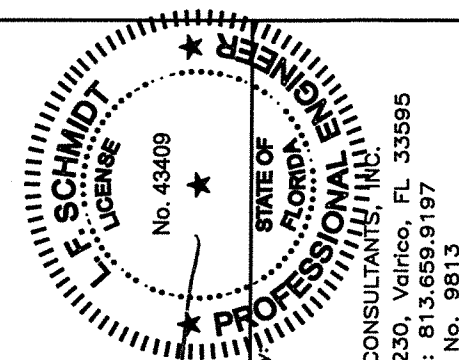
**OPTIONAL COSMETIC FLANGES**



**G1 GLAZING DETAIL**



**G2 GLAZING DETAIL**



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

PRODUCT: 8800 SERIES Vinyl Outswing Casement Window  
 PART OR ASSEMBLY: BILL OF MATERIALS, COMPONENTS AND GLAZING DETAIL

NO.	DATE	BY	REVISIONS
3	4/11/19	LFS	REVISE FOR NEW HARDWARE
2	6/01/17	FBC	UPDATE TO 6TH ED. (2017)
1	1/28/15	JK	UPDATE TO 5TH ED. (2014)

DATE: 4/04/13

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15817.3

SHEET 5 OF 5