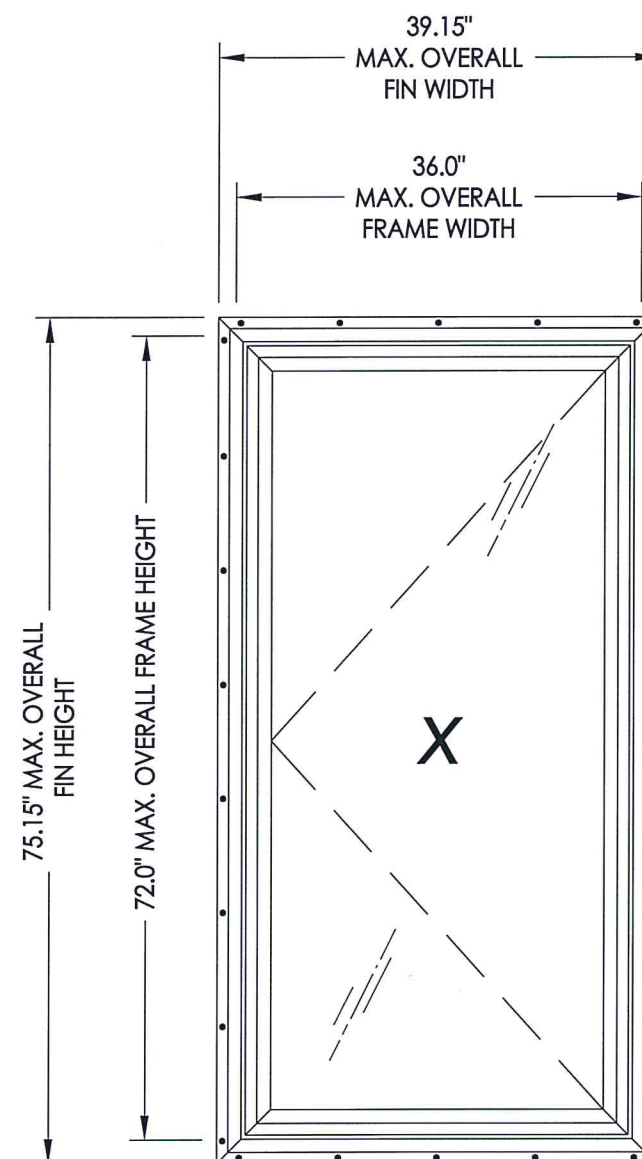


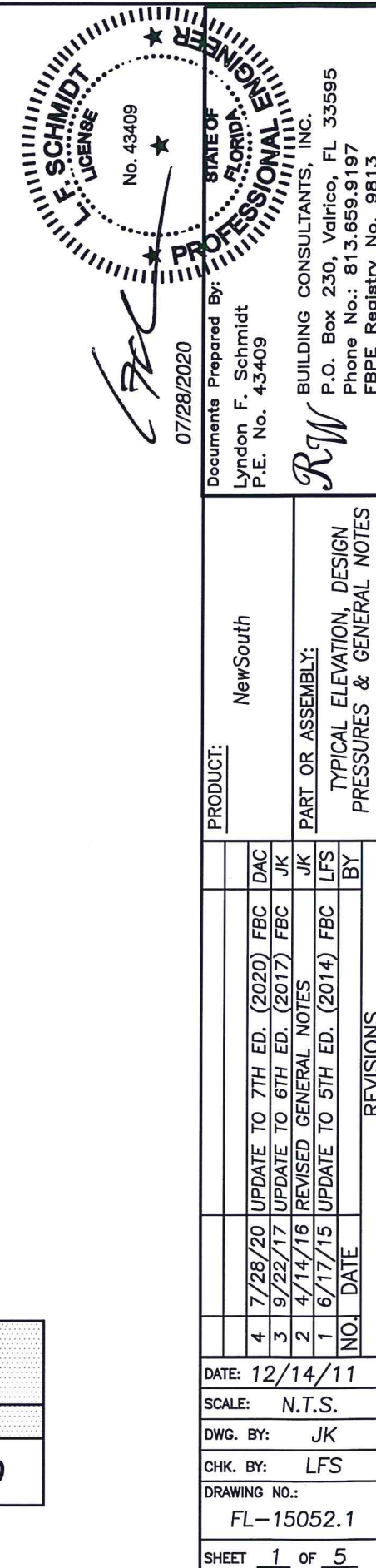
GENERAL NOTES

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. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

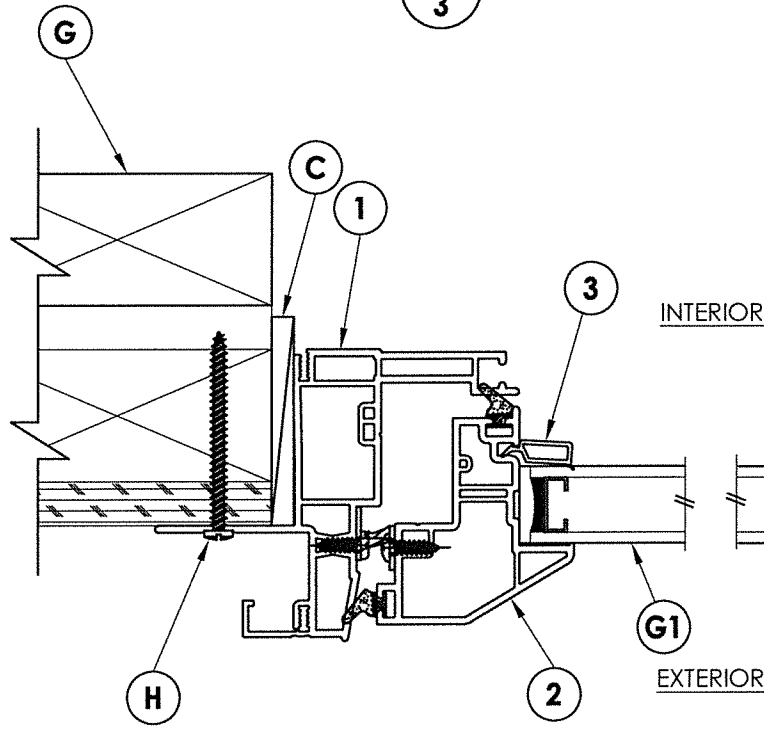
TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Vertical & horizontal cross sections
3	Vertical & horizontal cross sections
4	Buck & frame anchoring
5	Bill of materials, glazing details and components



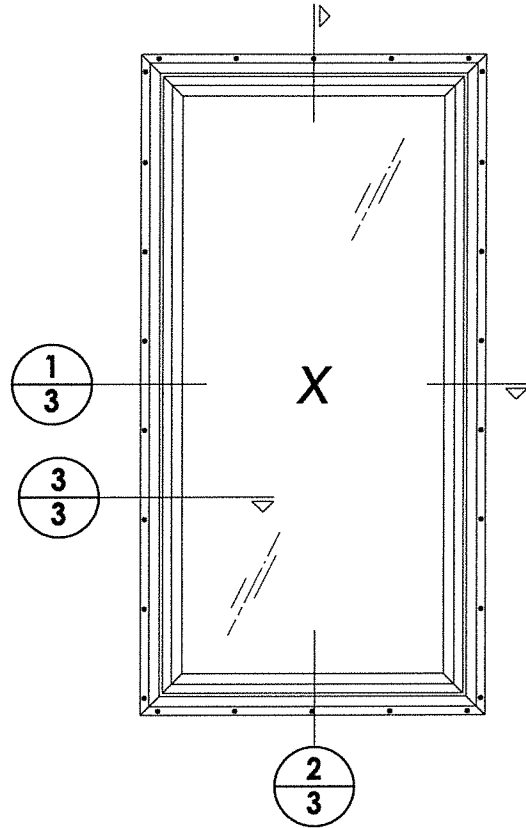
OVERALL FIN DIMENSION	OVERALL FRAME DIMENSION	OVERALL DAY LIGHT DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POS.	NEG.
39.15" X 75.15"	36.0" X 72.0"	29.5" X 65.5"	G1	+50.0	-50.0



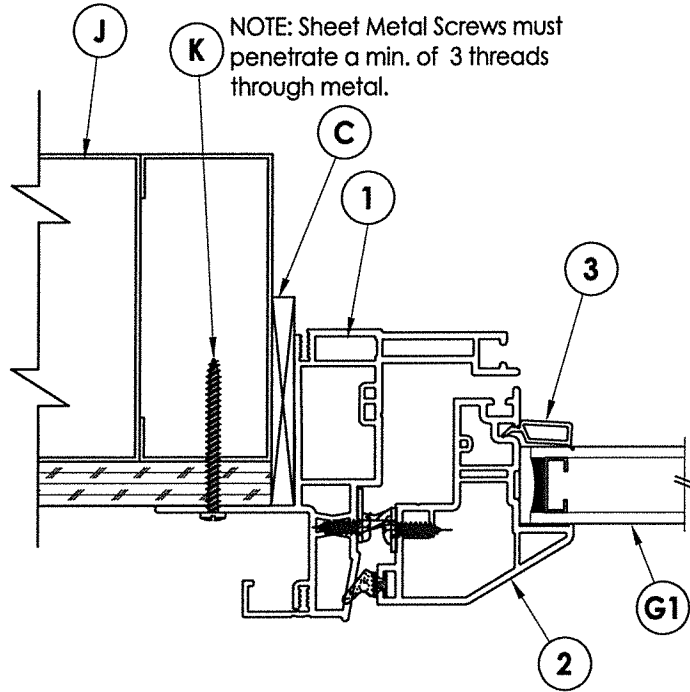
\\dc01\rbcs\New South Windows PERMANENT\A - Florida Product Approvals\FL-15052 Casement\C - Drawings\FL-15052 (2020)\FL-15052.1-2.dwg



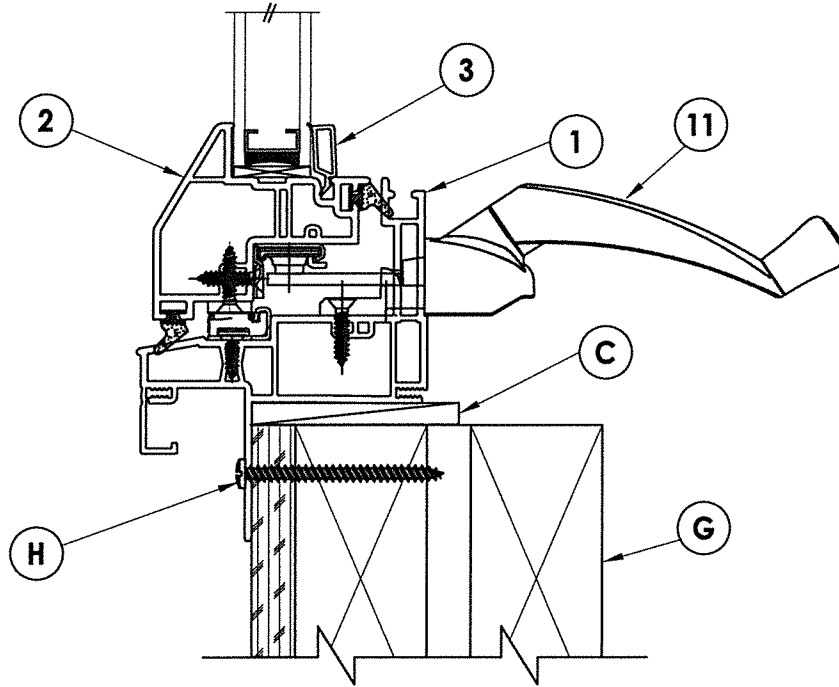
1 HORIZONTAL CROSS SECTION
3 Stud Construction



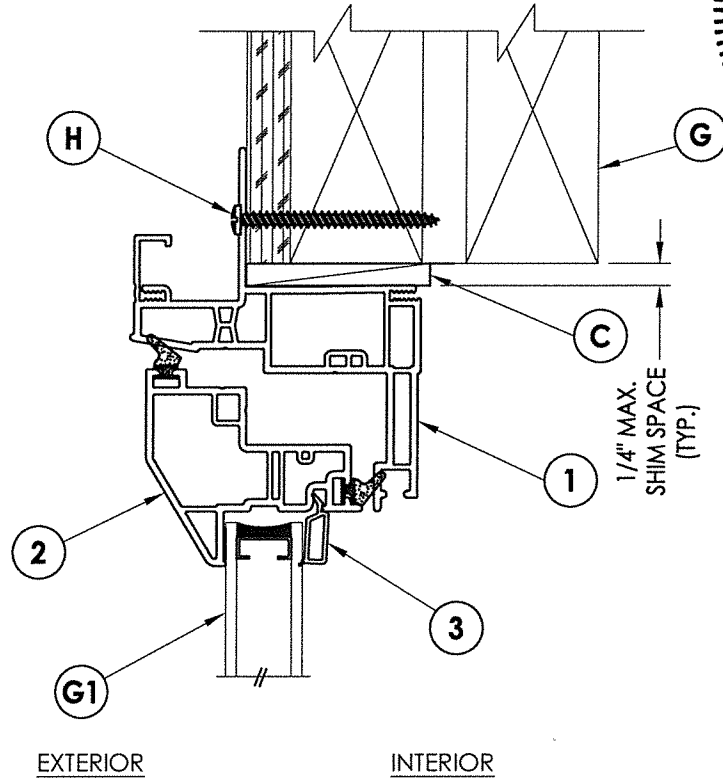
3 HORIZONTAL CROSS SECTION
3 Shown w/ Steel Stud Framing Option

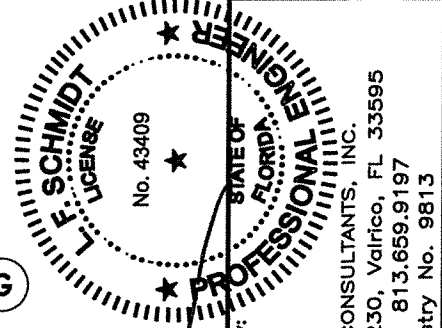


NOTE: Sheet Metal Screws must penetrate a min. of 3 threads through metal.

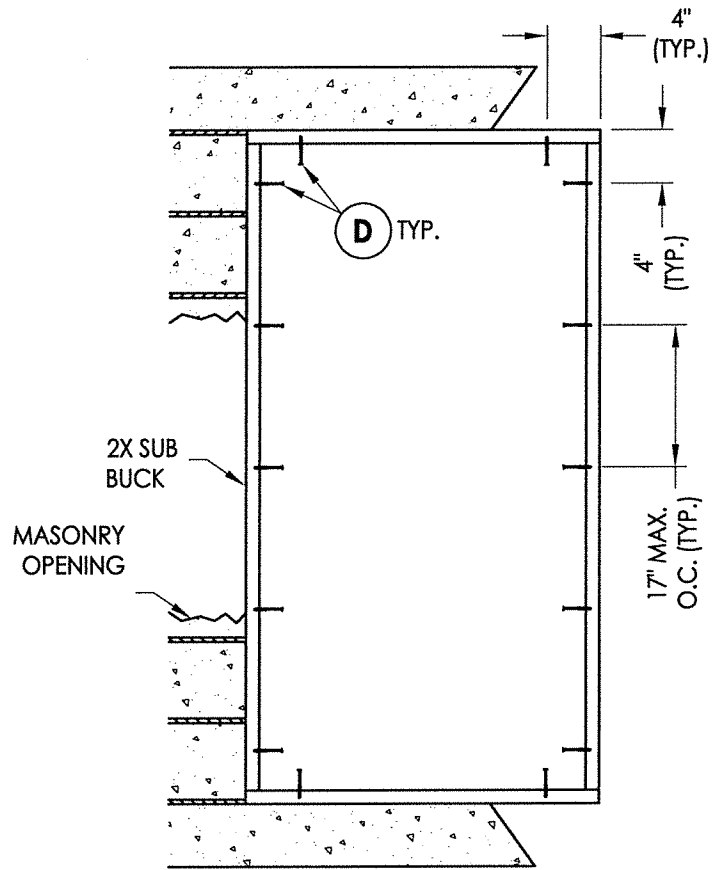


2 VERTICAL CROSS SECTION
3 Stud Construction

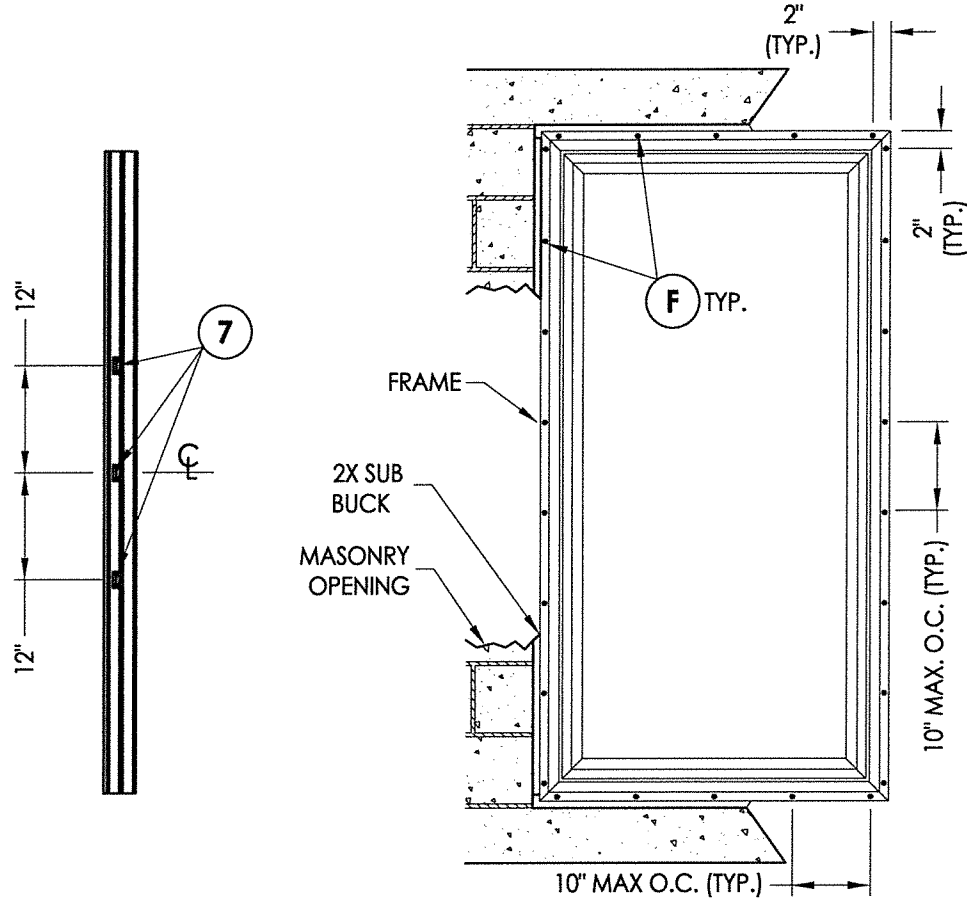


		PRODUCT: NewSouth		
		PART OR ASSEMBLY: VERTICAL & HORIZONTAL CROSS SECTIONS		
4	7/28/20	UPDATE TO 7TH ED. (2020)	FBC	DAC
3	9/22/17	UPDATE TO 6TH ED. (2017)	FBC	JK
2	4/14/16	REVISED GENERAL NOTES		JK
1	6/17/15	UPDATE TO 5TH ED. (2014)	FBC	LFS
NO. DATE		REVISIONS		
DATE: 12/14/11				
SCALE: N.T.S.				
DWG. BY: JK				
CHK. BY: LFS				
DRAWING NO.: FL-15052.1				
SHEET 3 OF 5				

\\dc01\rbcs\New South Windows PERMANENT\A - Florida Product Approvals\FL-15052 Casement\C - Drawings\FL-15052 (2020)\FL-15052.1-2.dwg

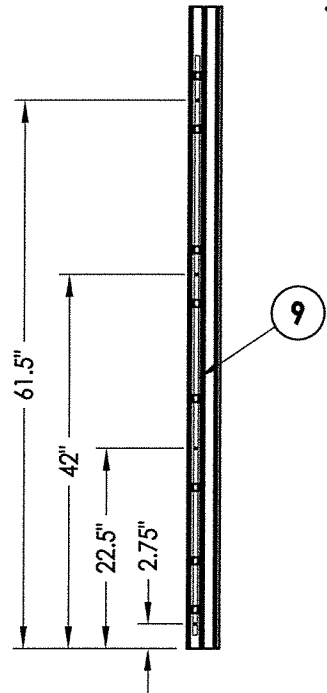


2X BUCK ANCHORING
Single unit



HINGE JAMB
Snubber locations

FRAME ANCHORING



LOCK JAMB
Lock locations

CONCRETE ANCHOR NOTES:

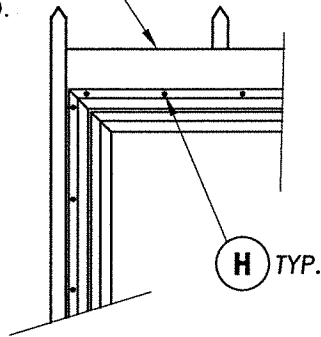
- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON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

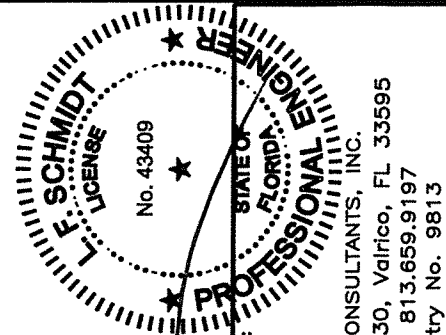
WOOD SCREW INSTALLATION NOTES:

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

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



FRAME ANCHORING
Stud Construction



07/28/2020

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

BUILDING CONSULTANTS, INC.

P.O. Box 230, Valrico, FL 33595

Phone No.: 813.659.9197

FBPE Registry No. 9813

PRODUCT: NewSouth

PART OR ASSEMBLY:

BUCK & FRAME ANCHORING

NO.	DATE	REVISIONS
4	7/28/20	UPDATE TO 7TH ED. (2020) FBC DAC
3	9/22/17	UPDATE TO 6TH ED. (2017) FBC JK
2	4/14/16	REVISED GENERAL NOTES JK
1	6/17/15	UPDATE TO 5TH ED. (2014) FBC LFS

DATE: 12/14/11

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15052.1

SHEET 4 OF 5

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	#8 X 1-1/2" PPH SMS (1-3/8" MIN. EMBEDMENT)	STEEL
G	2X STUD (SG >= 0.42)	WOOD
H	#8 X 2" PPH SMS (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	EXTRUDED VINYL FRAME *	RIGID PVC
2	EXTRUDED VINYL SASH *	RIGID PVC
3	EXTRUDED VINYL GLAZING BEAD *	RIGID PVC
4	GLASS SETTING BLOCK	-
5	GLAZING TAPE - DOUBLE SIDE ADHESIVE	-
7	SNUBBER	STEEL
8	#9 X 9/16" PPH SMS	STEEL
9	LOCK ASSEMBLY	STEEL
10	FOAMTITE SEAL	-
11	SINGLE ARM OPERATOR	-

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

