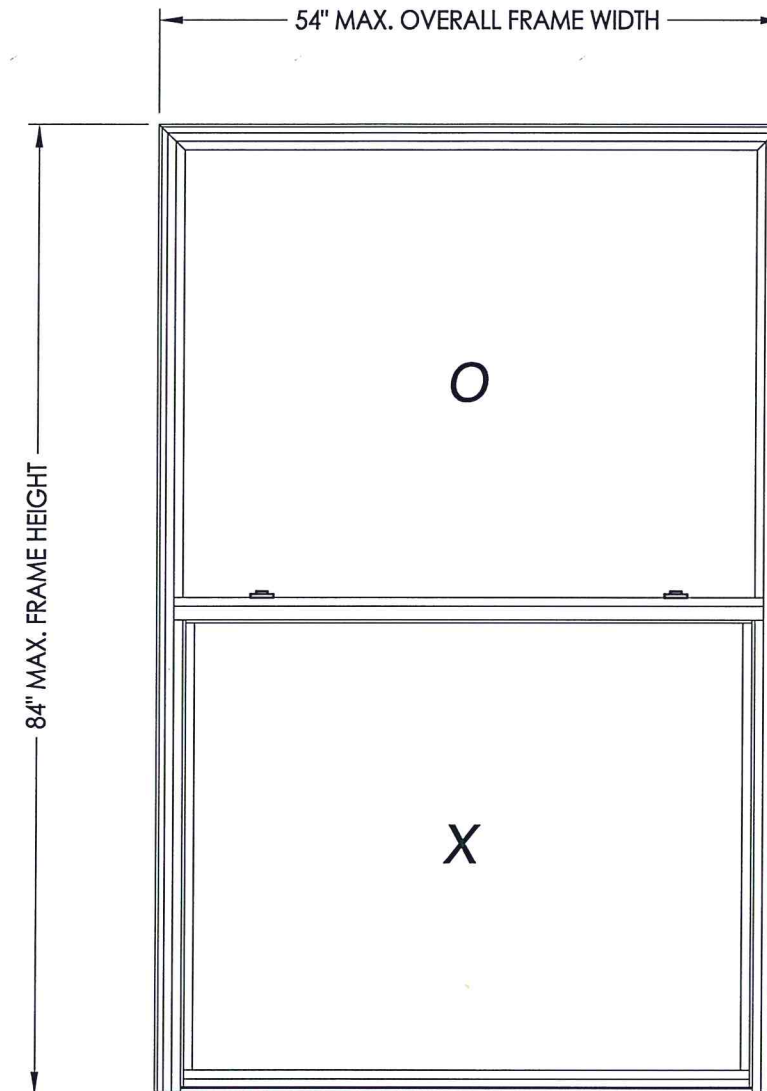


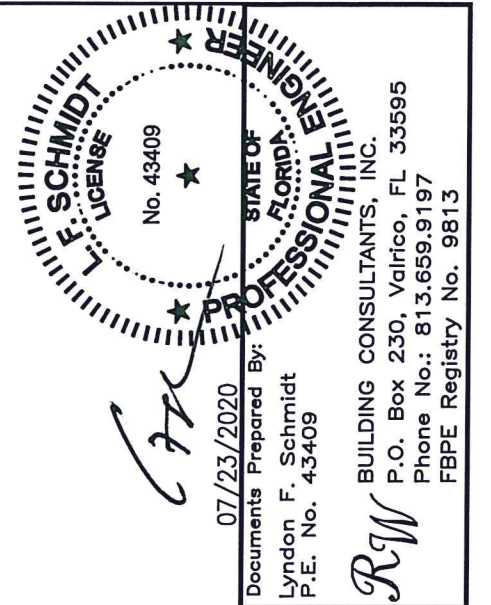
GENERAL NOTES

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	Buck & frame anchoring
4	Components
5	Bill of materials and glazing details

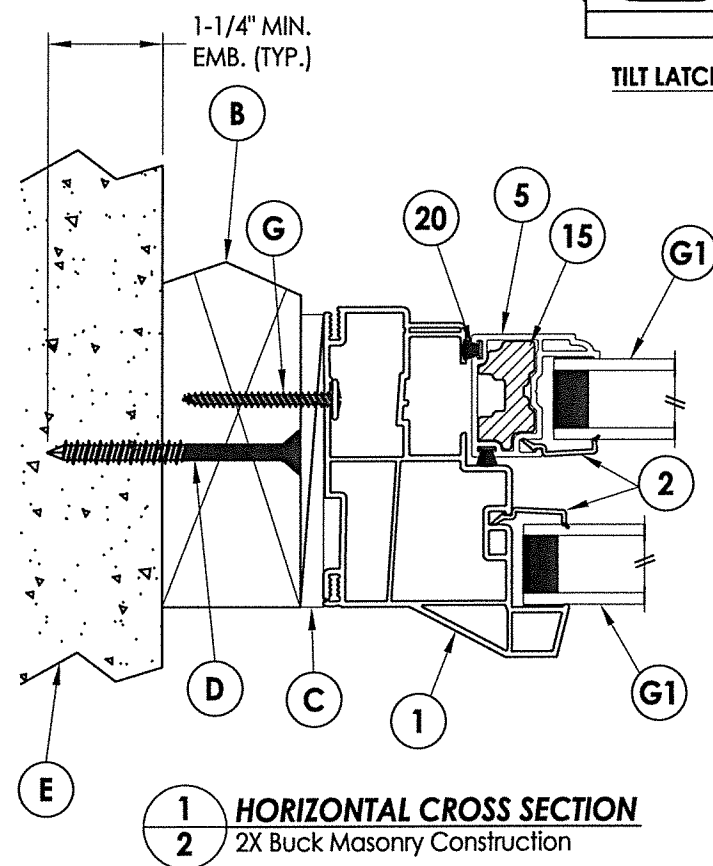


MAX. OVERALL FRAME DIMENSION	MAX DAY LITE DIMENSION (OPERABLE)	MAX DAY LITE DIMENSION (FIXED)	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POS.	NEG.
54.0" X 84.0"	47.94" x 38.44"	48.56" x 38.38"	G1	+35.0	-35.0

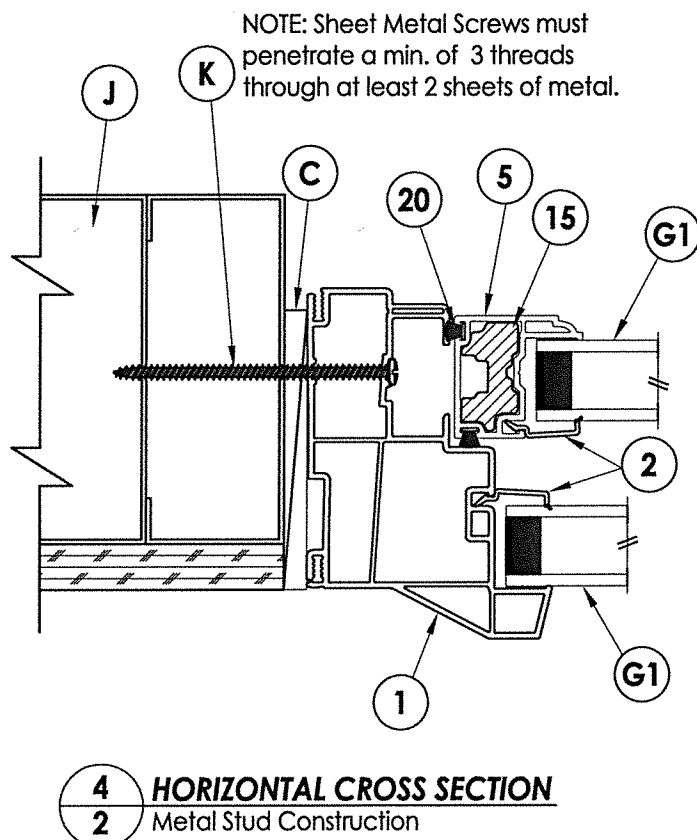
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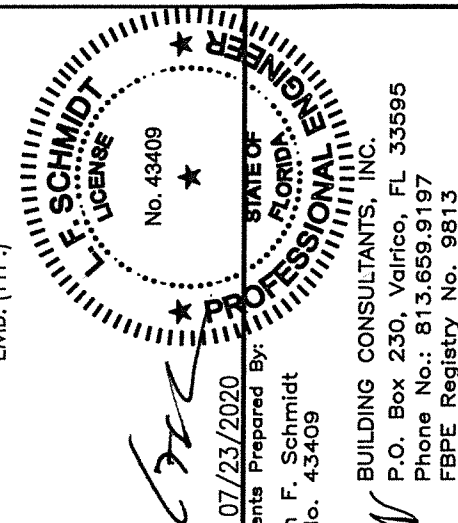
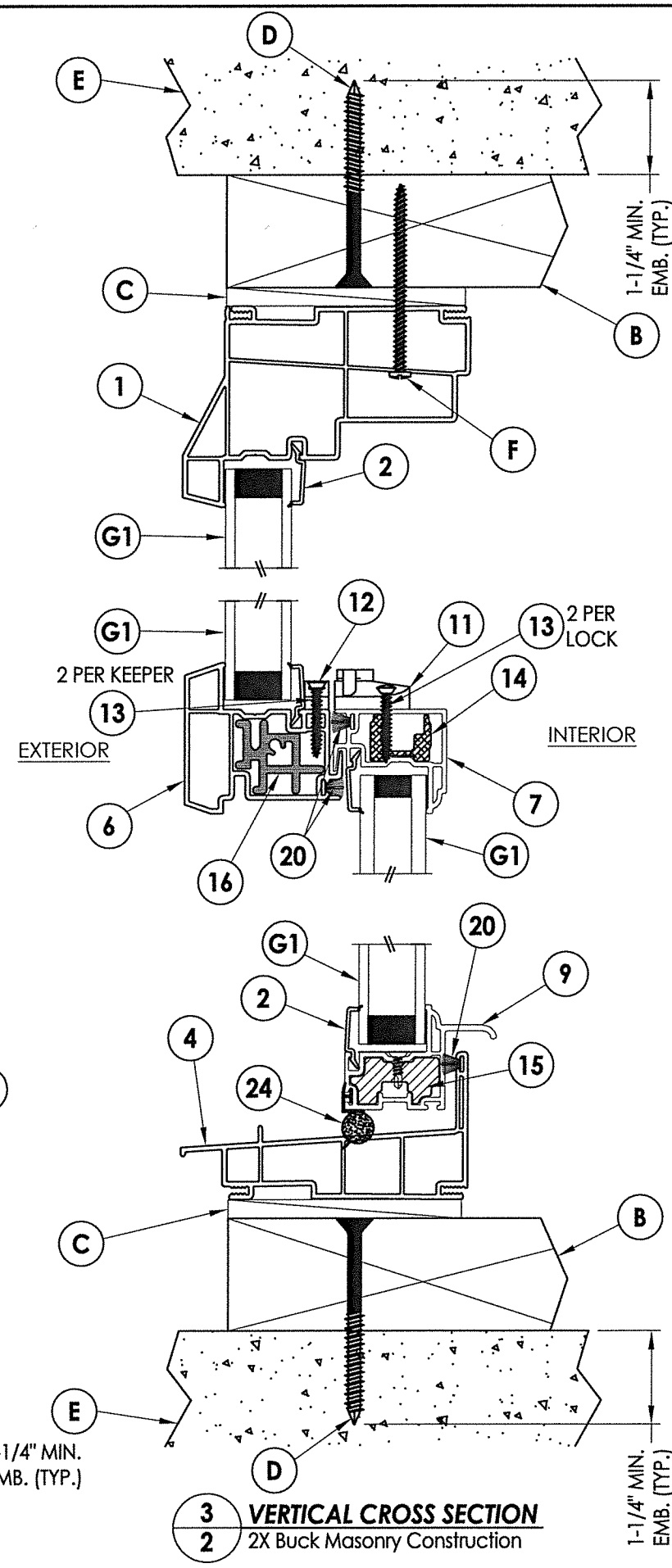
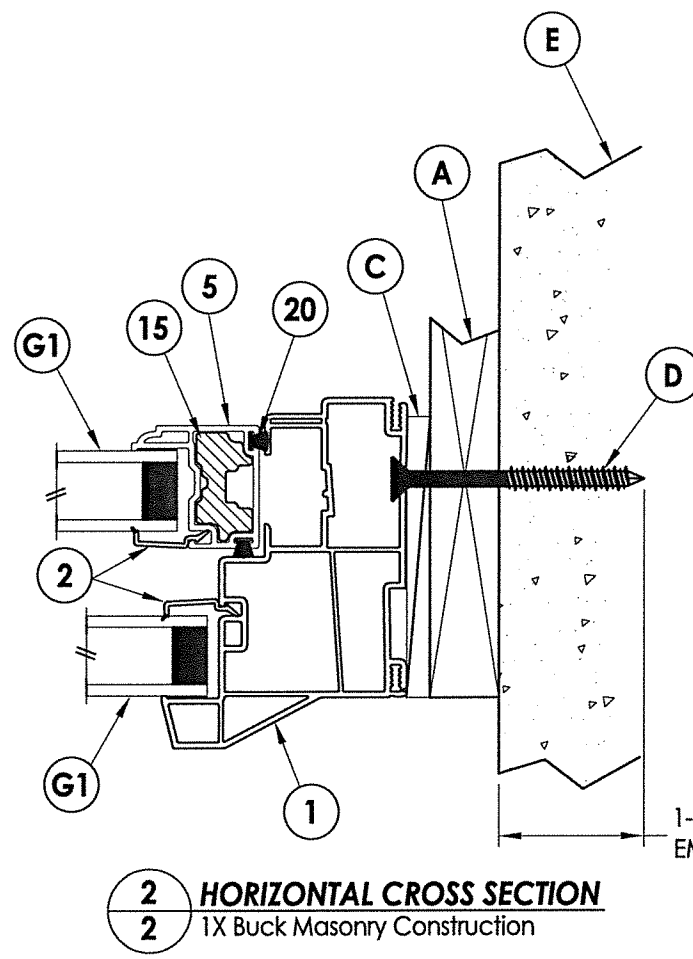
TILT LATCH DETAIL



EXTERIOR



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



01/23/2020
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

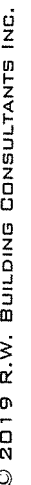
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

DATE: 6/20/19		SHEET 2 OF 5	
SCALE: N.T.S.		DRAWING NO.: FL-26906.5	
DWG. BY: TRJ		CHK. BY: LFS	
DRAWING NO.:		FL-26906.5	
SHEET 2 OF 5		REVISIONS	
1		7/23/20	
UPDATE TO 7th ED (2020)		FBC	
DAC		BY	
PRODUCT:		SINGLE HUNG WINDOW	
PART OR ASSEMBLY:		VERTICAL & HORIZONTAL CROSS SECTIONS	

FRAME ANCHORING
1X/2X/STEEL STUD

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 ULTRA-CON®	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.



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	#10 X 2-1/4" PPH SMS (1-1/4" MIN. EMBEDMENT)	STEEL
G	#8 X 1-5/8" MODIFIED TRUSS HEAD (7/16" Ø) SMS	STEEL
H	1/4" X 3-1/4" PFH ELCO OR ITW CONCRETE SCREW	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 (781F)*	RIGID PVC
2	GLAZING BEAD (716A)*	RIGID PVC
3	JAMB (783F)*	RIGID PVC
4	SILL (782F)*	RIGID PVC
5	STILE (908)*	RIGID PVC
6	FIXED MEETING RAIL (777)*	RIGID PVC
7	LOCK RAIL (906)*	RIGID PVC
9	LIFT RAIL (905)	RIGID PVC
11	SASH LOCK	-
12	KEEPER	-
13	#6 X 1" PFH	STEEL
14	LOCK RAIL REINFORCEMENT	6063 - T5 ALUM
15	STILE/RAIL REINFORCEMENT (952)	COMPOSITE
16	FIXED MEETING RAIL REINFORCEMENT (739)	ALUM
20	WEATHERSTRIP	FOAM
24	BULB GASKET	FOAM
25	TILT LATCH	PVC

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

