

R:\Clients\Doers PERMANENTVA - Florida Product Approvals\FL-16853 Windows - Horizontal Sliders\C - Drawings\FL-16853 (2014)\FL-16853.13-18.dwg, FL-16853.13

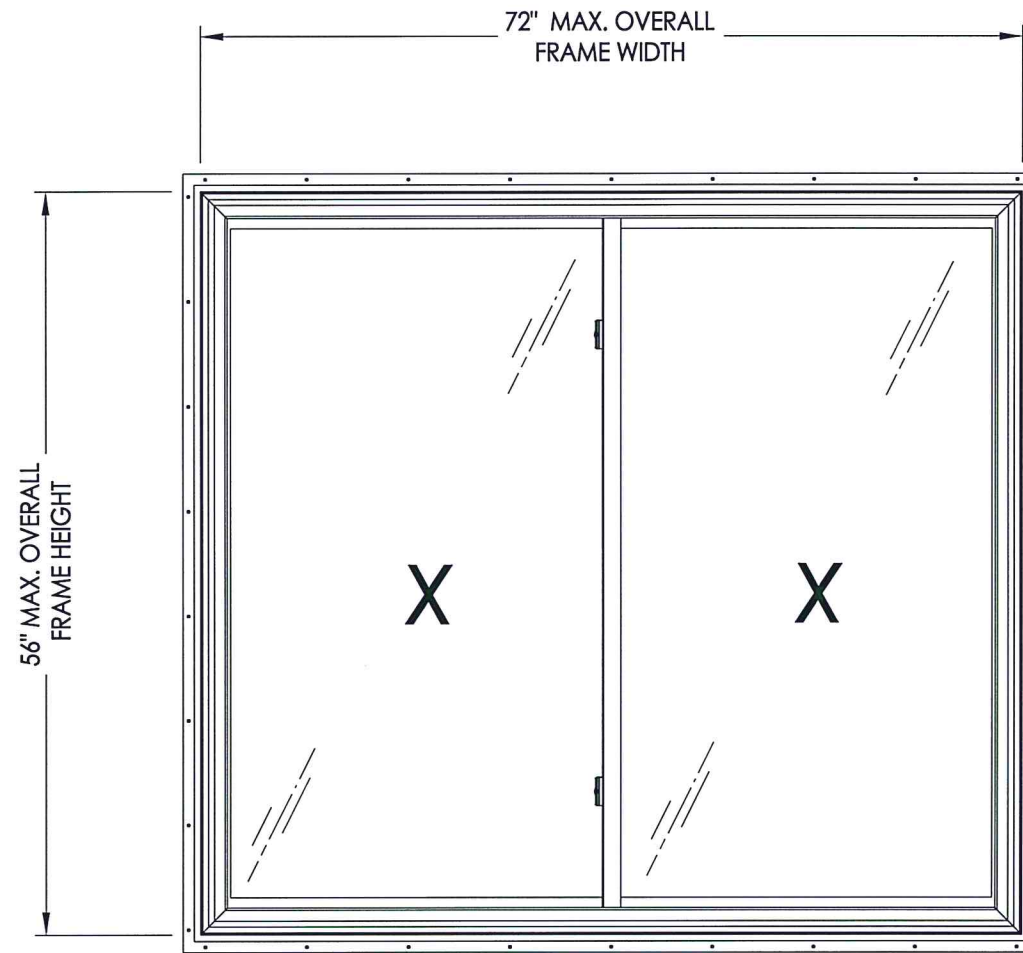


DuraGard Slider XX w/ Nailing Fin "NON-IMPACT"

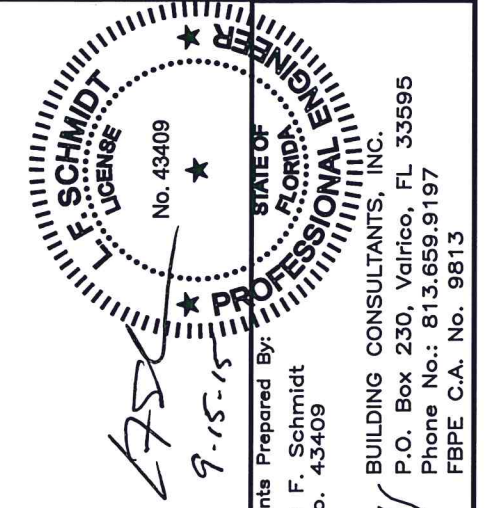
GENERAL NOTES

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	Bill of materials, glazing details and components



FRAME DIMENSION	DAY LIGHT DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POS.	NEG.
72.0" x 56.0"	32.56" x 49.5"	G1	+35.0	-35.0



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

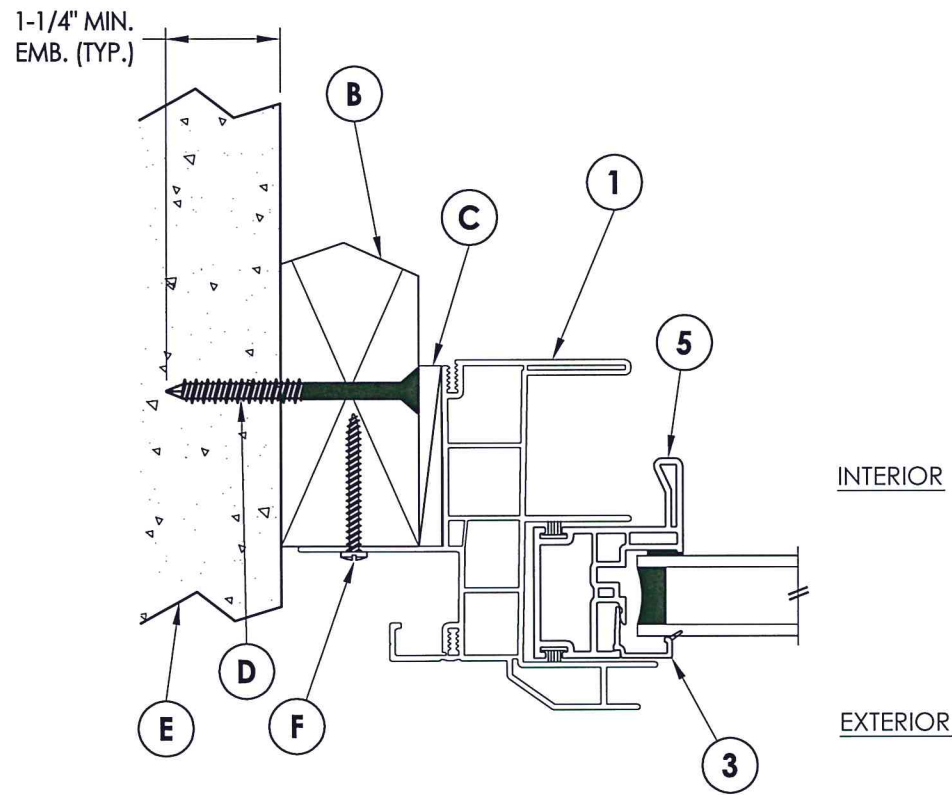
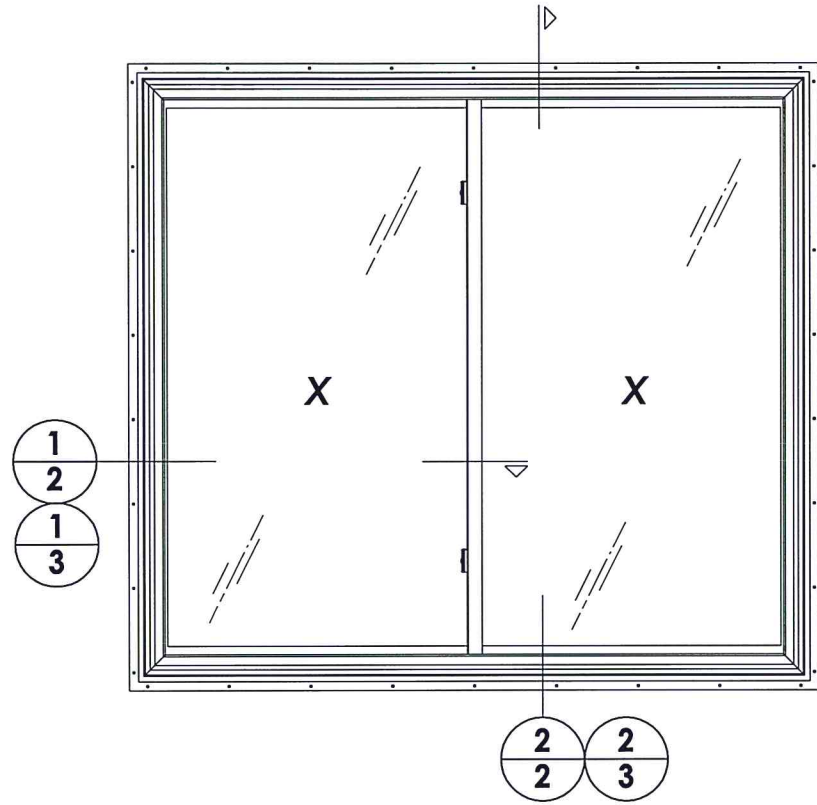
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE C.A. No. 9813

PRODUCT: HORIZONTAL SLIDER

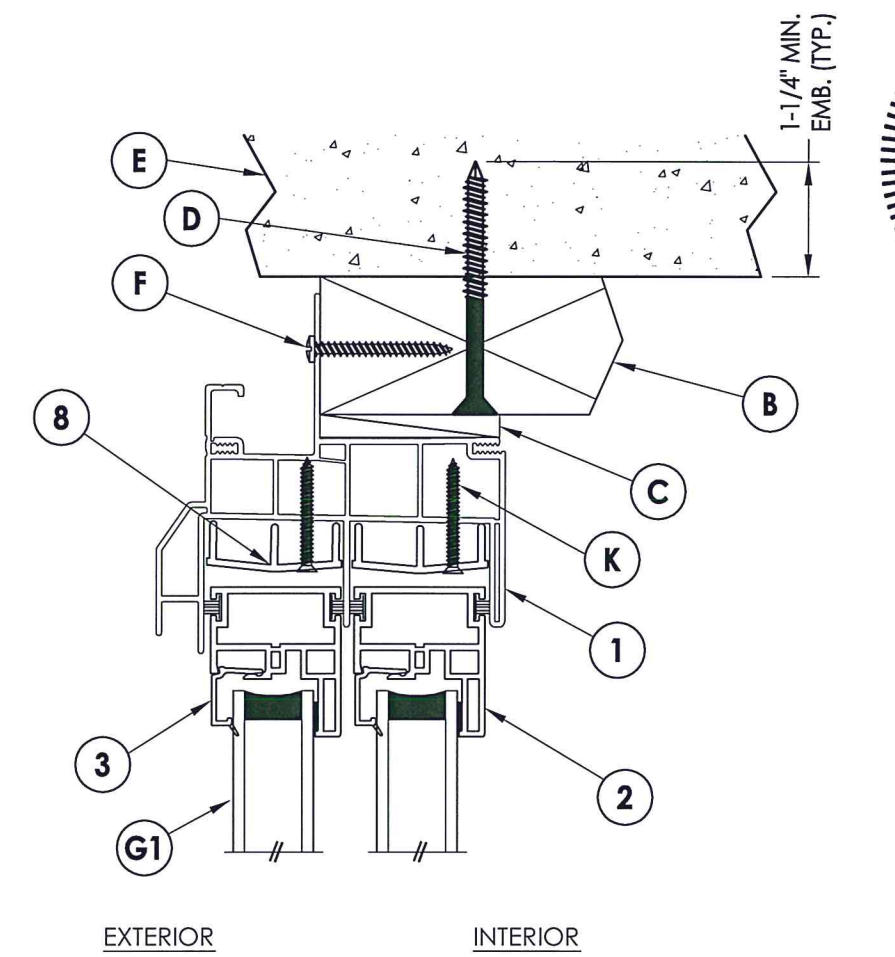
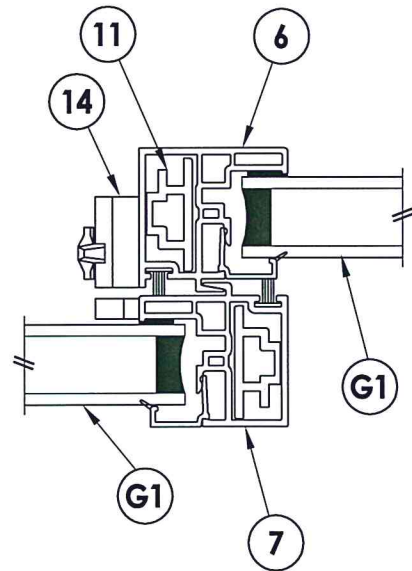
PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	BY	REVISIONS
1	6/25/15	LFS	UPDATE TO 5TH ED. (2014) FBC

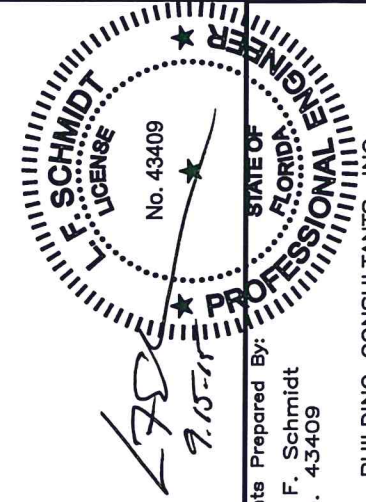
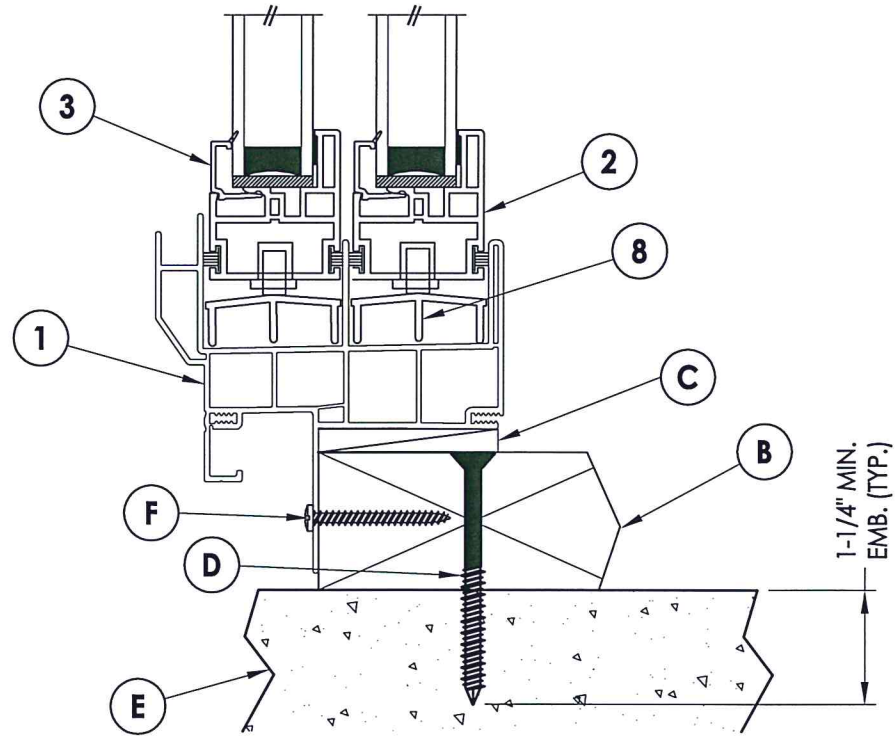
DATE: 12/14/11
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-16853.13
SHEET 1 OF 5



1 HORIZONTAL CROSS SECTION
2 2X Buck Masonry Construction



2 VERTICAL CROSS SECTION
2 2X Buck Masonry Construction



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PRODUCT:
HORIZONTAL SLIDER

PART OR ASSEMBLY:
VERTICAL & HORIZONTAL
CROSS SECTIONS

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DATE: 12/14/11

SCALE: N.T.S.

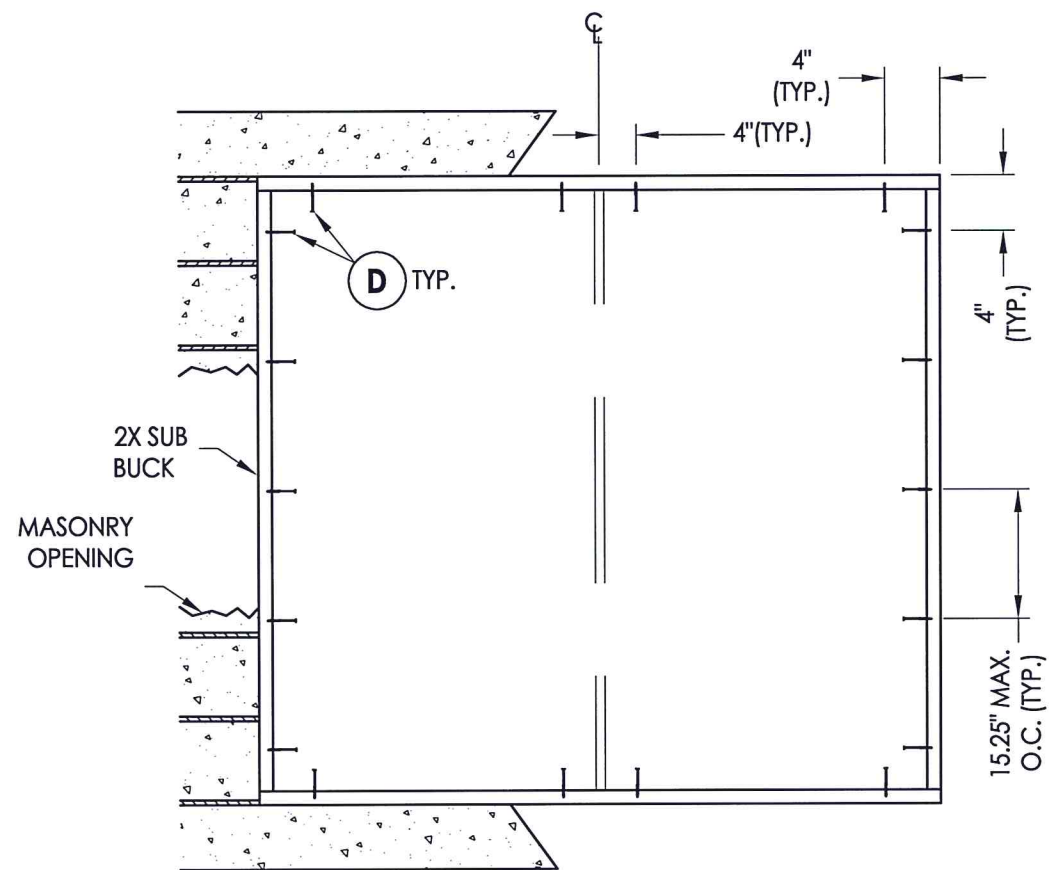
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CHK. BY: LFS

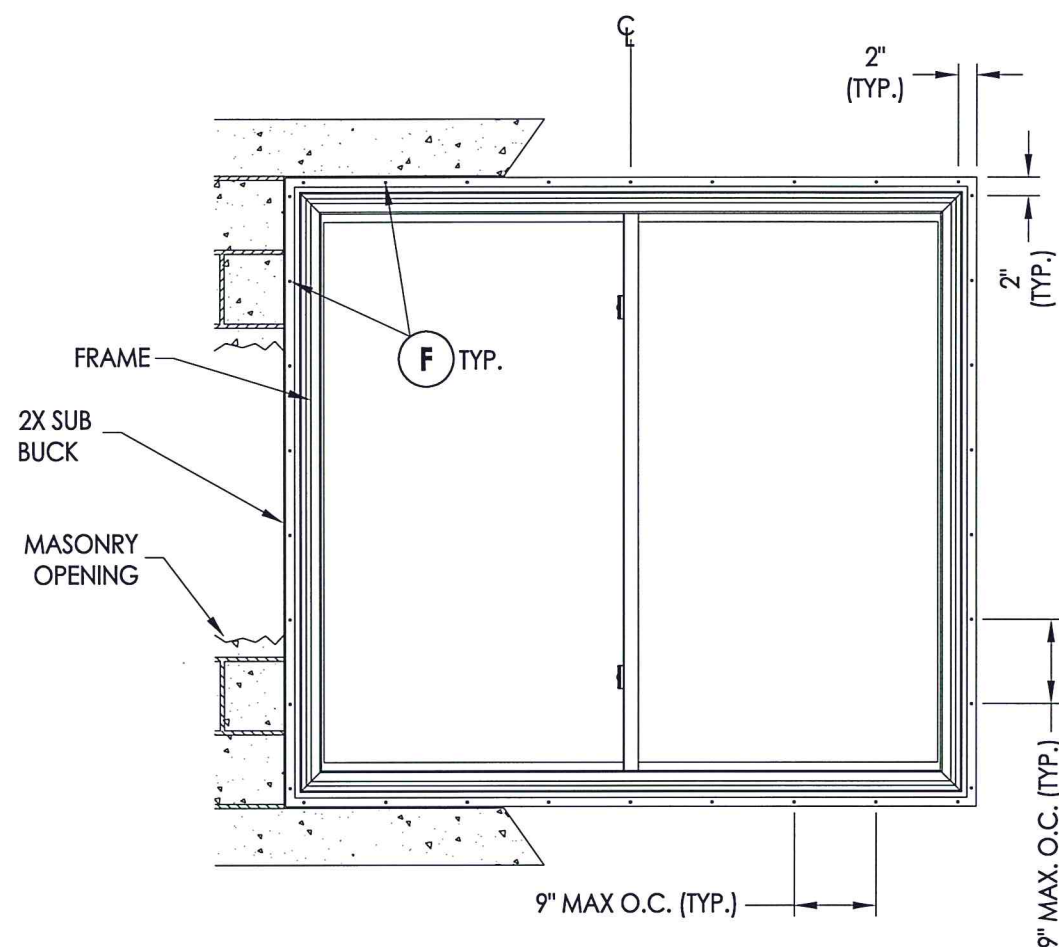
DRAWING NO.:

FL-16853.13

SHEET 2 OF 5

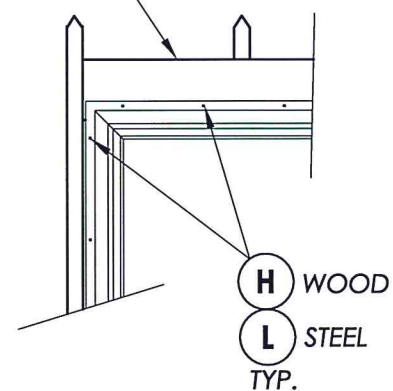


2X BUCK ANCHORING



FRAME ANCHORING

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

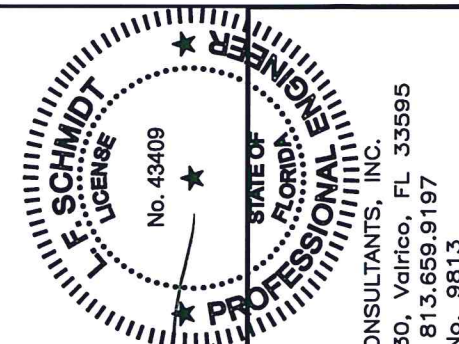
CONCRETE ANCHOR NOTES:

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.



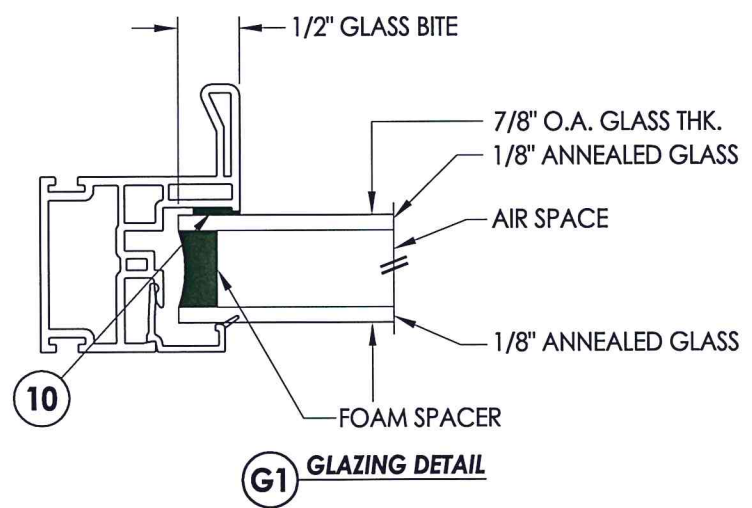
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P.E. No. 43409

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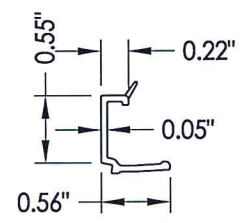
PRODUCT:	HORIZONTAL SLIDER
PART OR ASSEMBLY:	BUCK & FRAME ANCHORING
DATE:	12/14/11
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-16853.13
SHEET	4 OF 5

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
K	#6 X 1-1/4" PFH SMS	STEEL
L	#10 PPH SELF-DRILLING SMS	STEEL
X	STEEL STUD Min. Thk .033" (ASTM A653 GRADE 33 Fy=33 ksi min., Fu=45 ksi min.)	STEEL
1	FRAME *	PVC
2	SASH *	PVC
3	GLAZING BEAD *	PVC
4	GLASS SETTING BLOCK	PVC
5	PULL STILE*	PVC
6	LOCK STILE*	PVC
7	MEETING STILE*	PVC
8	ANTI-LIFT & SILL TRACK*	PVC
10	GLAZING SILICONE (DOW 1199)	-
11	REINFORCEMENT (6063 - T5)	ALUM.
14	LOCK ASSEMBLY	STEEL

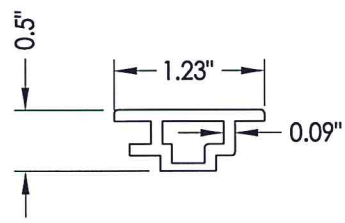
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



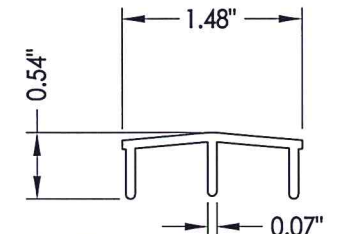
G1 GLAZING DETAIL



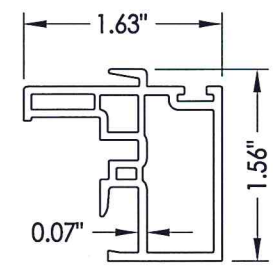
3 GLAZING BEAD
446B



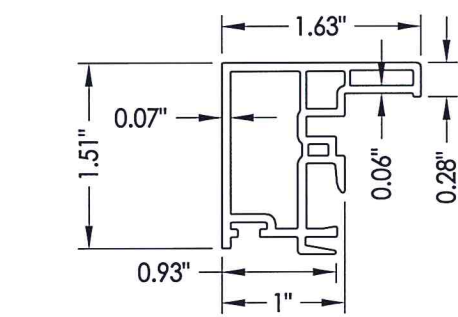
11 REINFORCEMENT
480



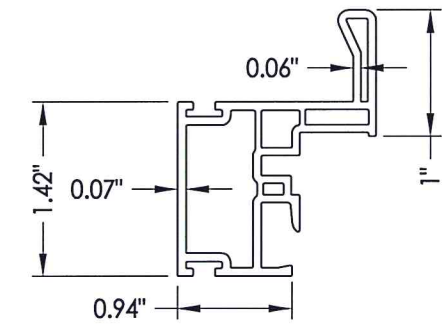
8 ANTI-LIFT & SILL TRACK
206



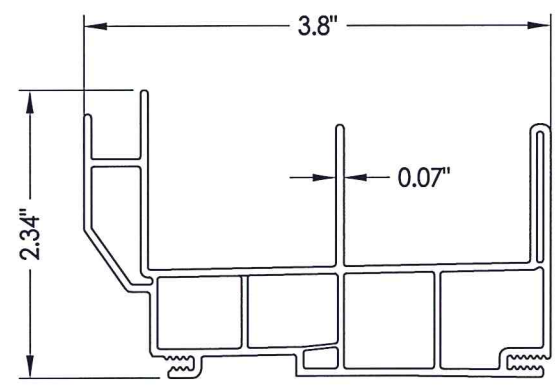
7 MEETING STILE
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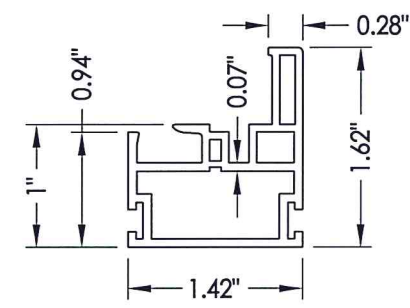
6 LOCK STILE
494B



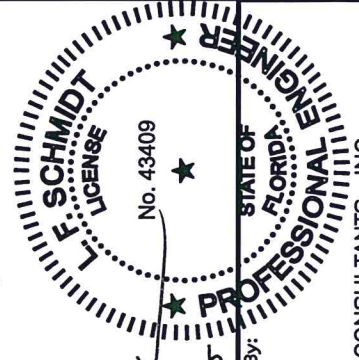
5 PULL STILE
475B



1 FRAME
444F



2 SASH
424B



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SHEET	5 OF 5