

plastpro

5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

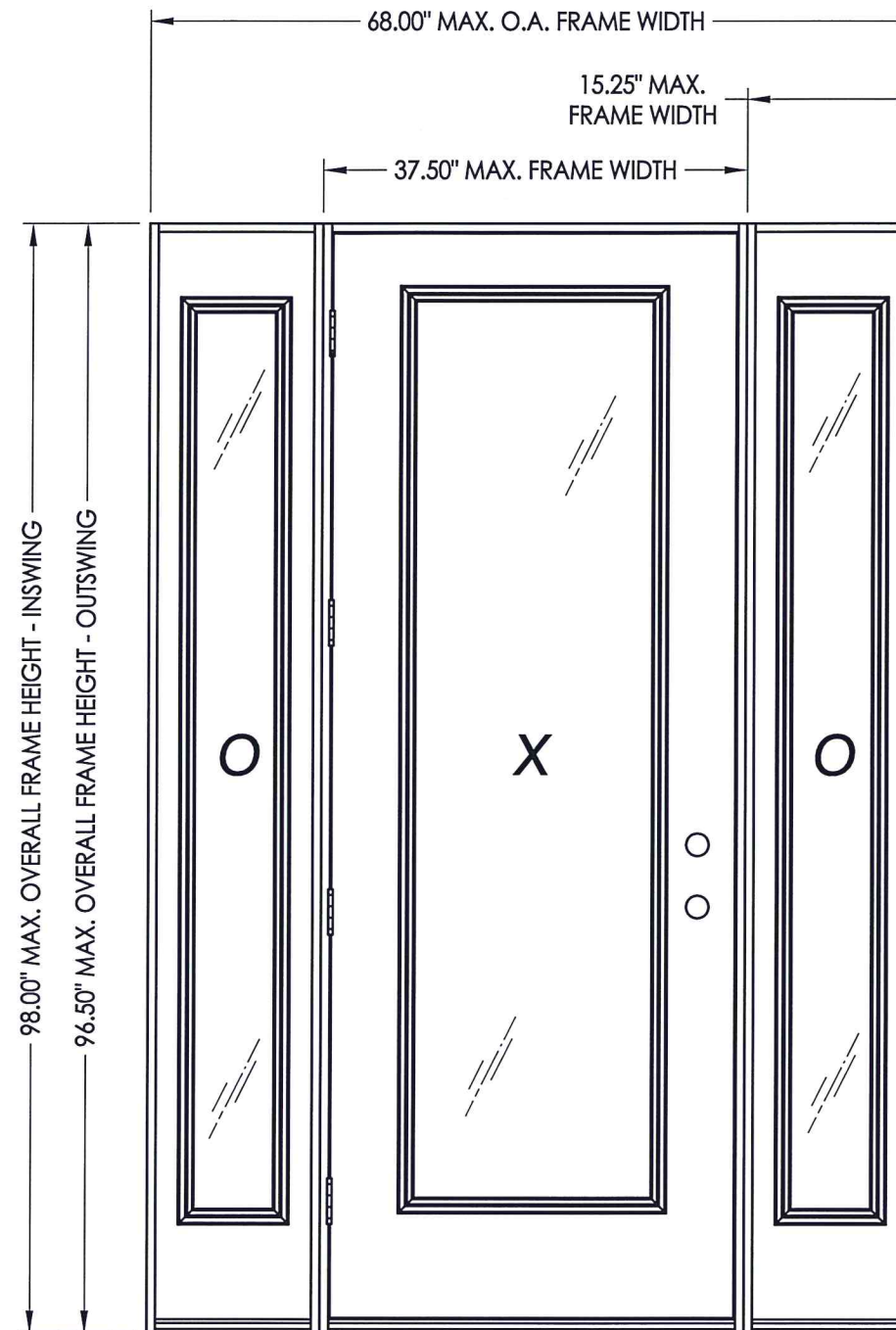
ONELITE SERIES FLUSH GLAZED FIBERGLASS DOOR w/ SIDELITES INSWING / OUTSWING "IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 5th Edition (2014) 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 complies with Section 1609.1.2 of the FBC and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996 and Section 1609.1.2.2 of the FBC.
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.

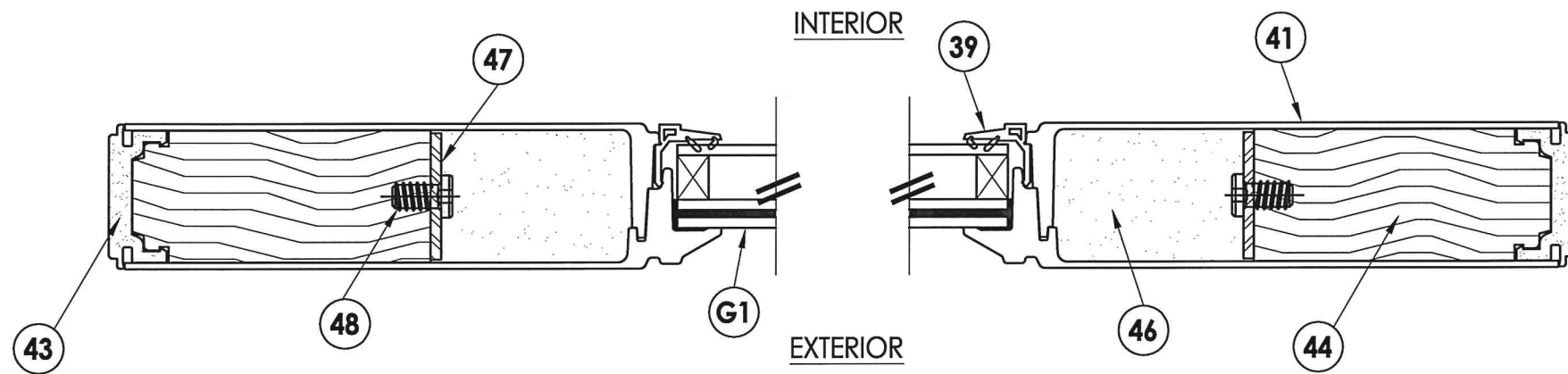
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8	Frame anchoring - 1X buck masonry construction
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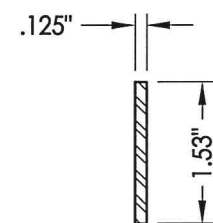


SWING	OVERALL FRAME DIMENSION	DOOR D.L.O. DIMENSION	SIDELITE D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
					POSITIVE	NEGATIVE
INSWING	68.00" x 98.00"	21.00" x 79.00"	7.00" x 79.00"	G1	+42.0	-47.5
OUTSWING	68.00" x 96.50"	21.00" x 79.00"	7.00" x 79.00"		+42.0	-42.0

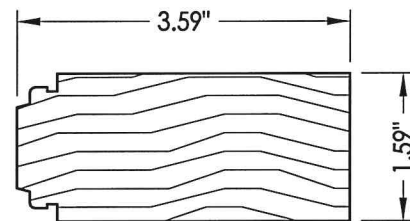
		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE C.A. No. 9813	
PRODUCT: PLASTPRO INC. FIBERGLASS DOOR		PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES			
			JK	RW	BY
		04/22/15	UPDATE TO 5TH ED. (2014) FBC		
		2/27/13	REVISED GLAZING DETAIL		
		NO.	DATE	REVISIONS	
DATE: 02/15/12					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-15215.18					
SHEET 1 OF 9					



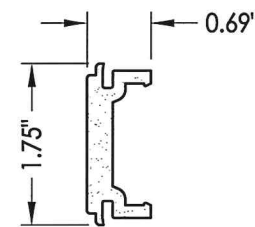
1 2 HORIZONTAL CROSS SECTION



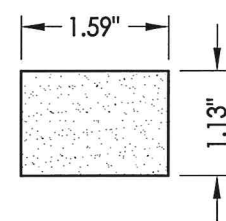
47 STILE STIFFENER
Steel reinforcement



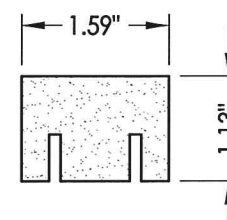
44 LATCH & HINGE STILE
Wood support



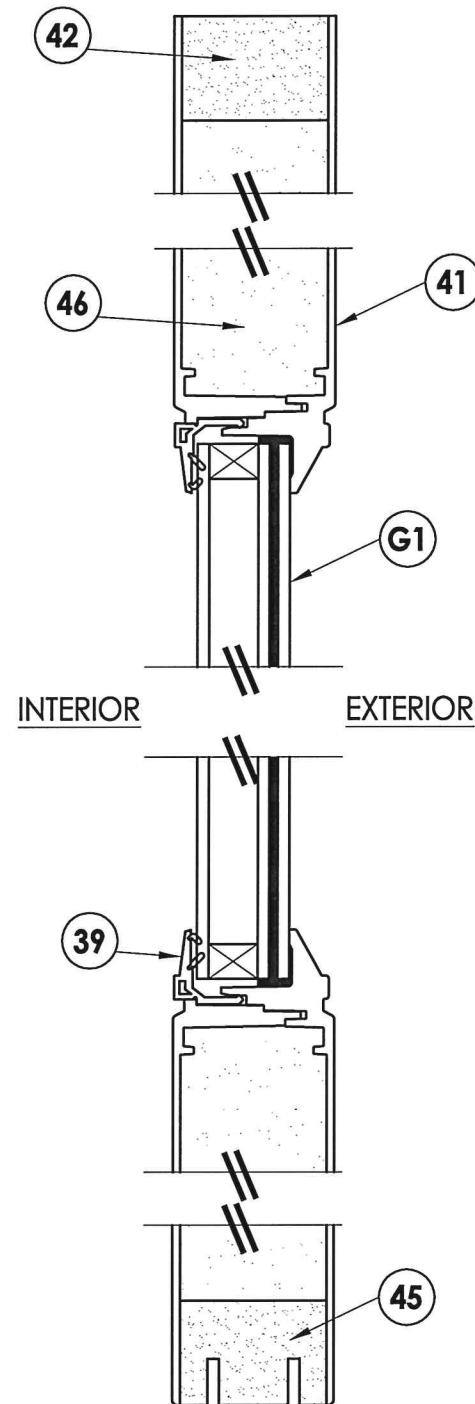
43 LATCH & HINGE STILE
Cellular PVC



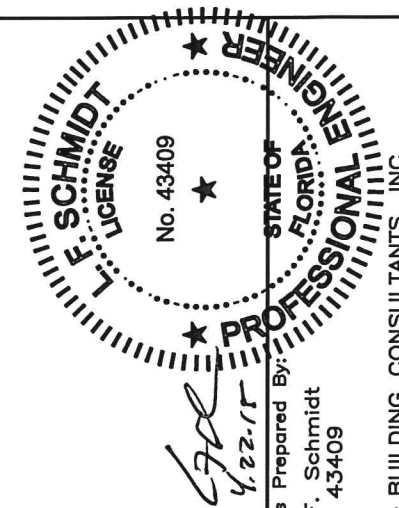
42 **TOP RAIL**
Cellular PVC



45 **BOTTOM RAIL**
Cellular PVC



2 VERTICAL CROSS SECTION



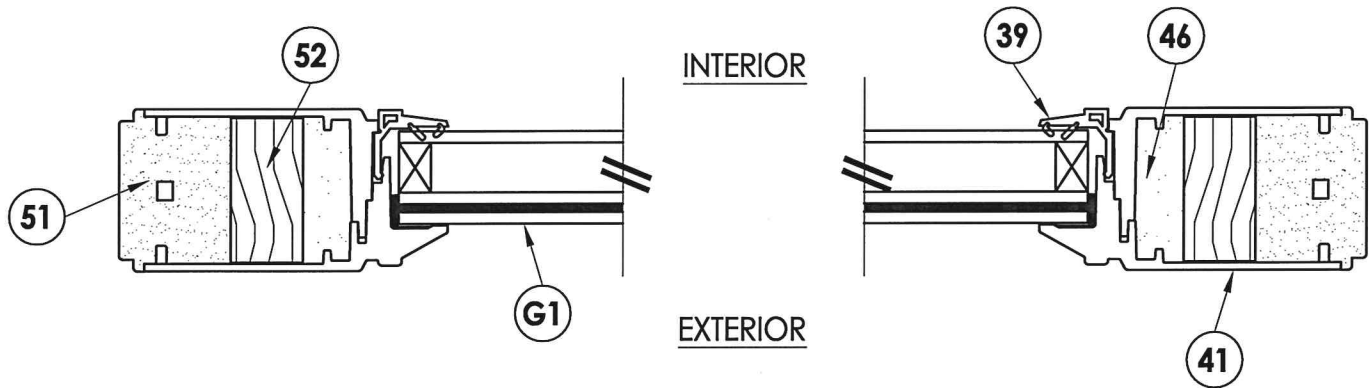
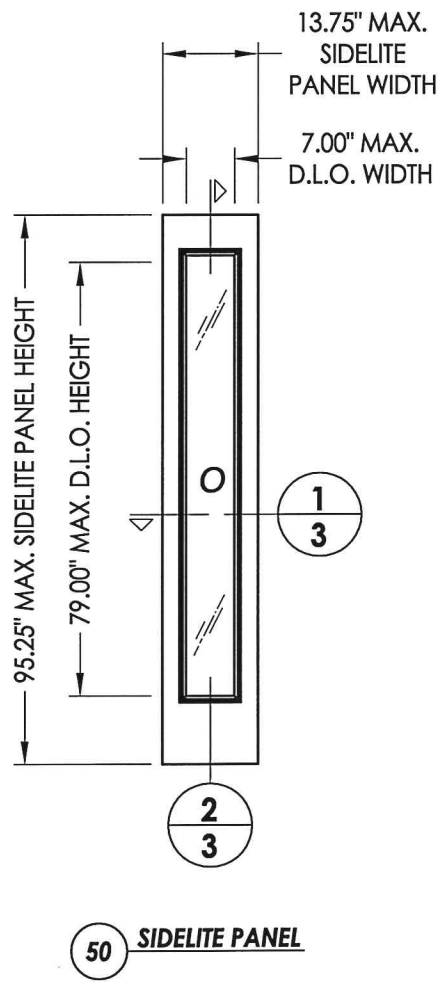
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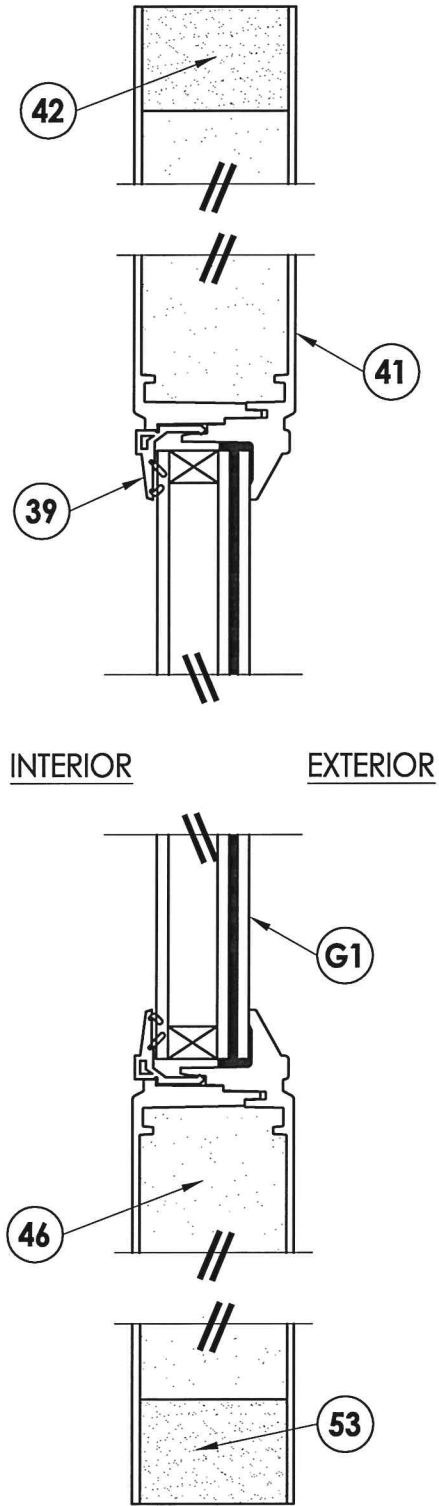
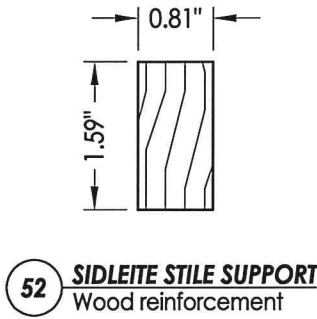
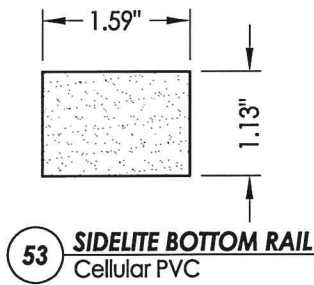
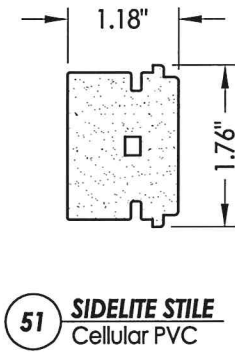
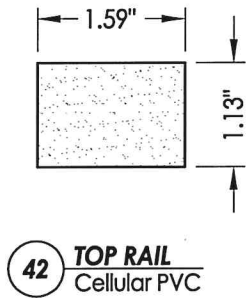
PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

[illegible]



1
3 HORIZONTAL CROSS SECTION

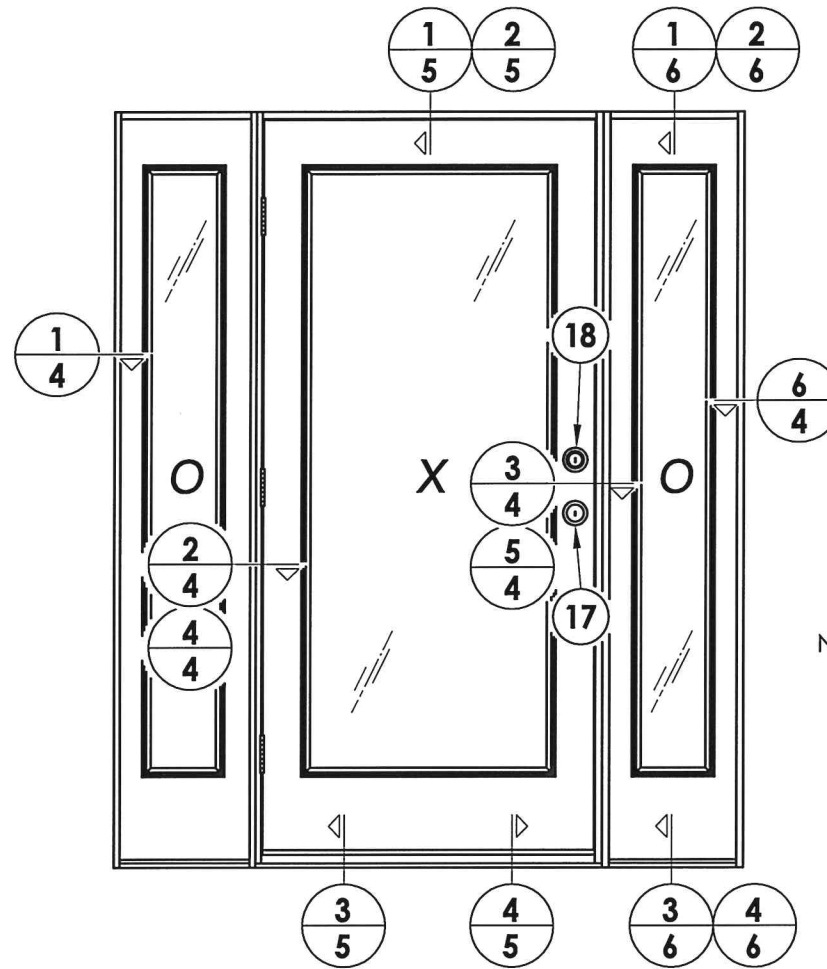
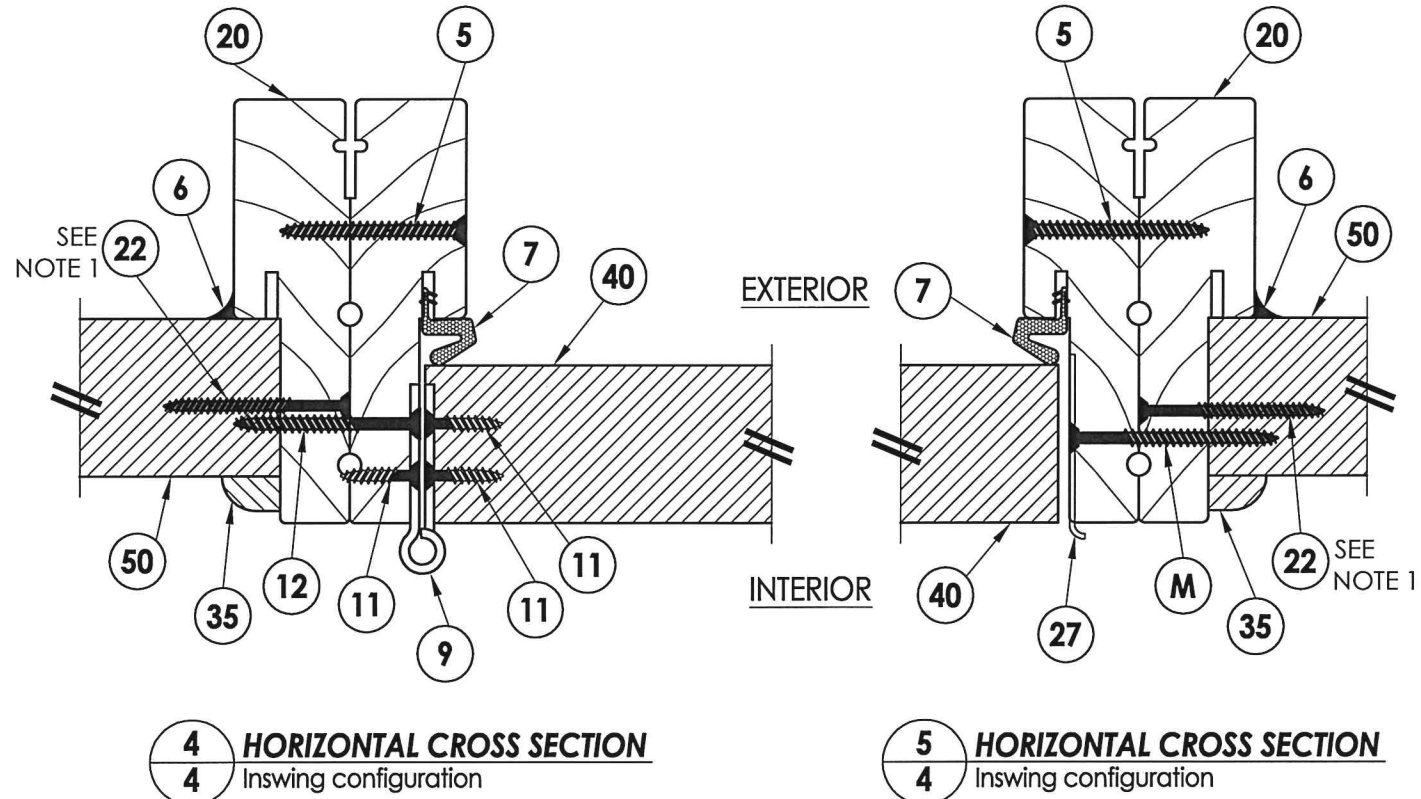
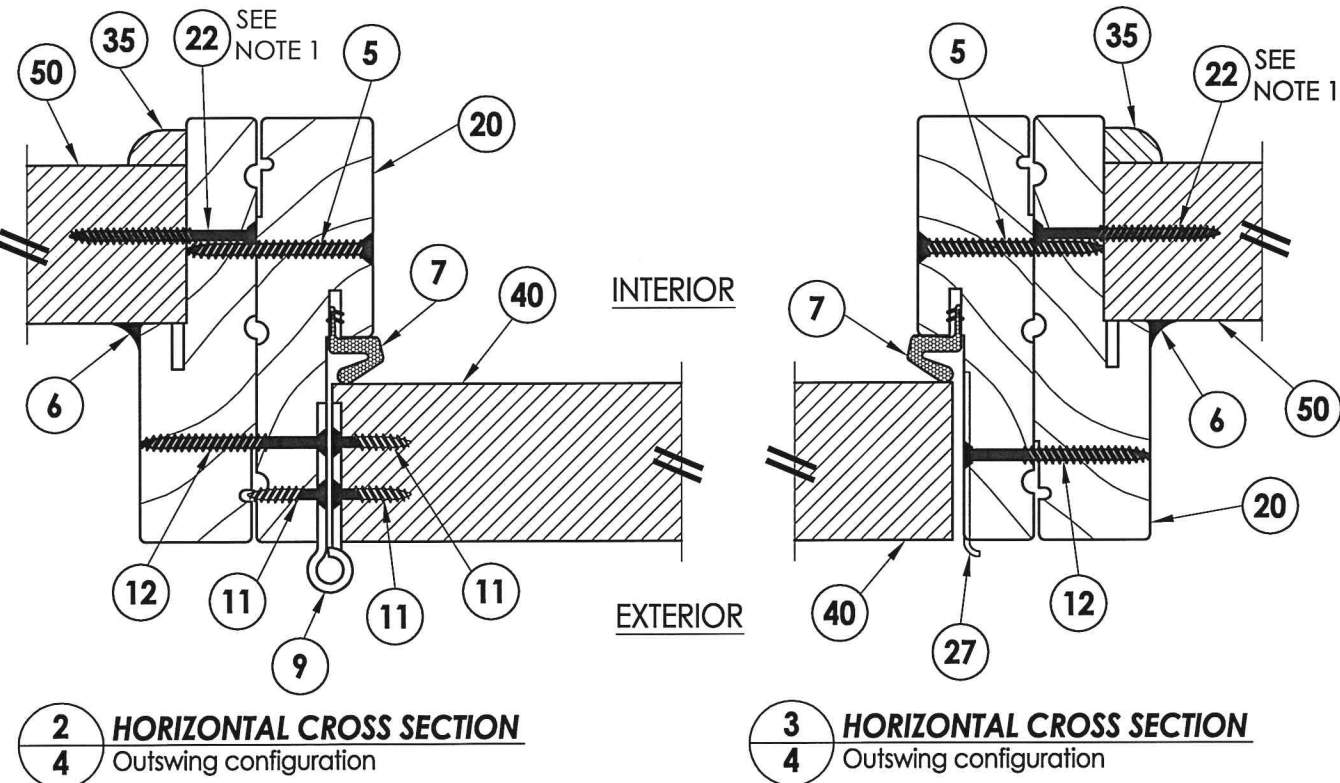
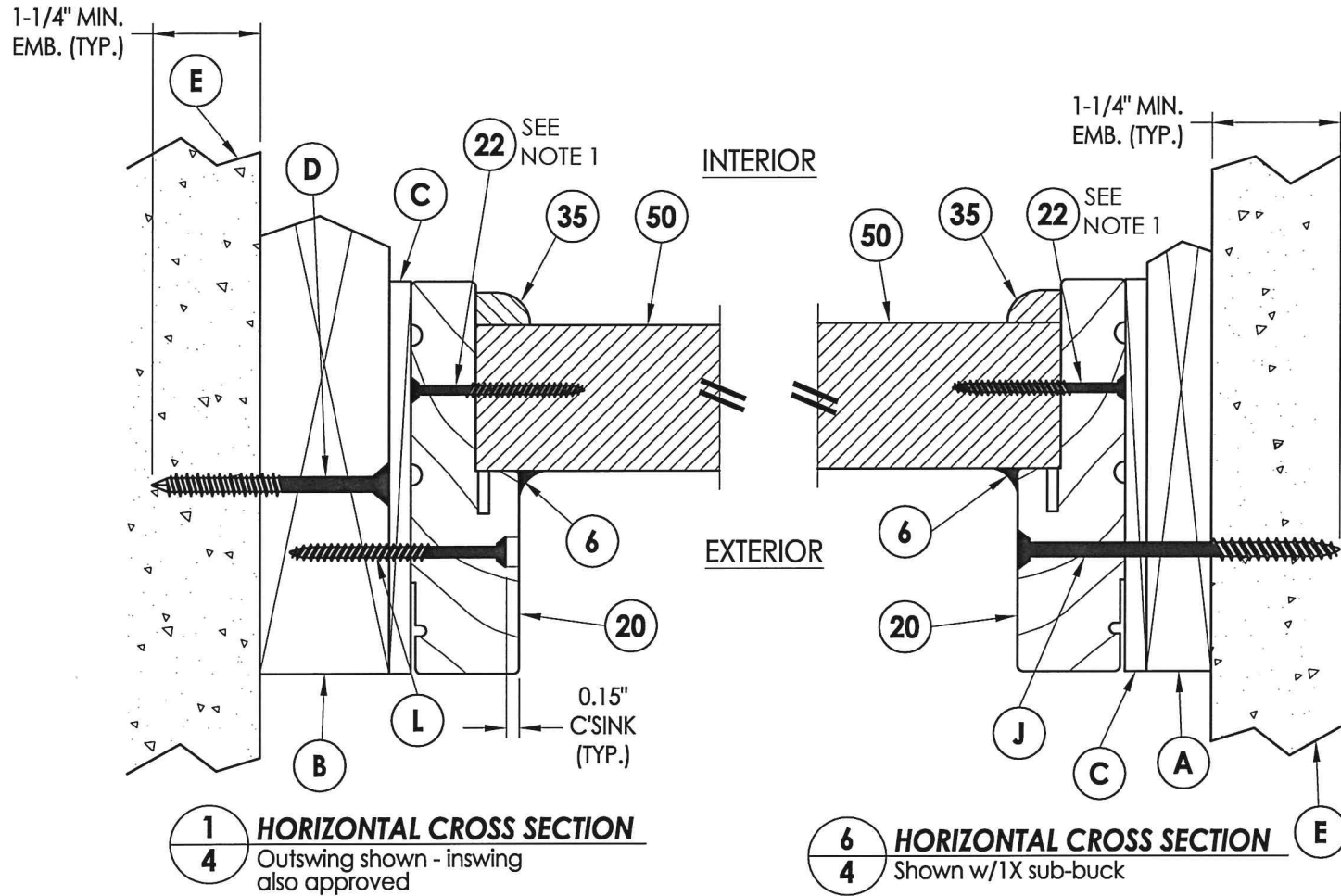


2
3 VERTICAL CROSS SECTION

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FBPE C.A. No. 9813

PRODUCT: PLASTPRO INC. FIBERGLASS DOOR		PART OR ASSEMBLY: SIDELITE PANEL DETAILS	
		JK	RW
2	04/22/15	UPDATE TO 5TH ED. (2014) FBC	
1	2/27/13	REVISED GLAZING DETAIL	
NO.	DATE		
REVISIONS			
DATE: 02/15/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15215.18			
SHEET 3 OF 9			

R:\Clients\Plastpro, Inc PERMANENT\Florida Product Approvals\FL-15215\C - Drawings\Current\FL-15215.11-20.dwg, 4.8



NOTE:
1. Sidelite panel secured to the sidelite frame with (6) of item #22 located 5", 22.05", 39.10", 56.15", 73.2" & 90.25" from top of each jamb and (2) of item #22 in the head and sill 3" from each end.

STATE OF FLORIDA
PROFESSIONAL ENGINEER
L. F. SCHMIDT
LICENSE No. 43409
4.22.15

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PLASTPRO INC.
FIBERGLASS DOOR

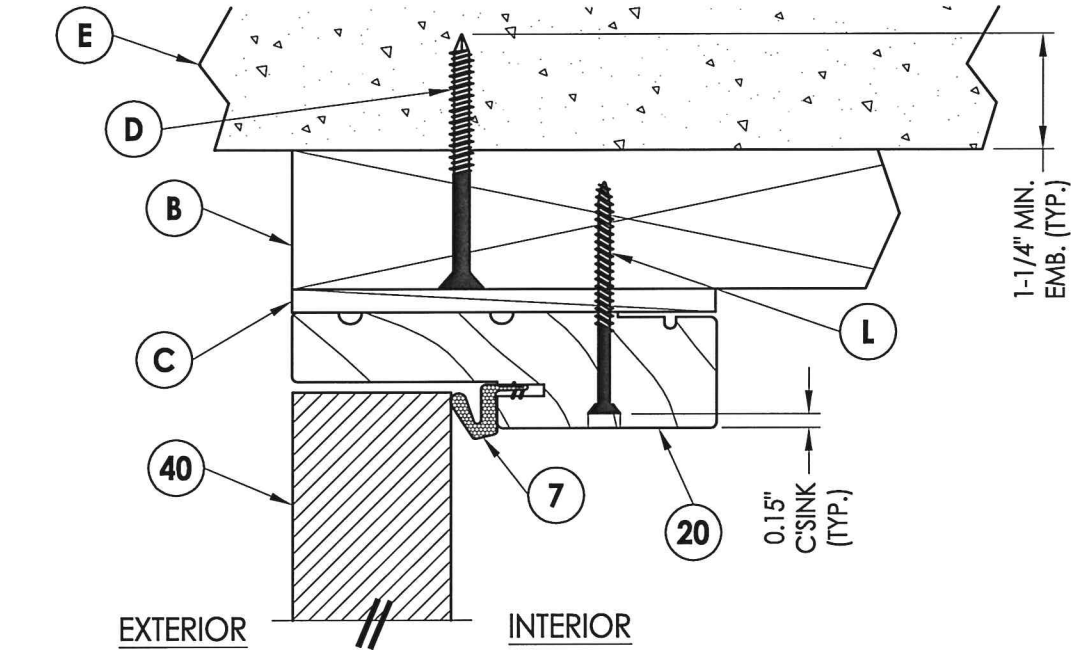
PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

NO.	DATE	REVISIONS
2	04/22/15	UPDATE TO 5TH ED. (2014) FBC
1	2/27/13	REVISED GLAZING DETAIL

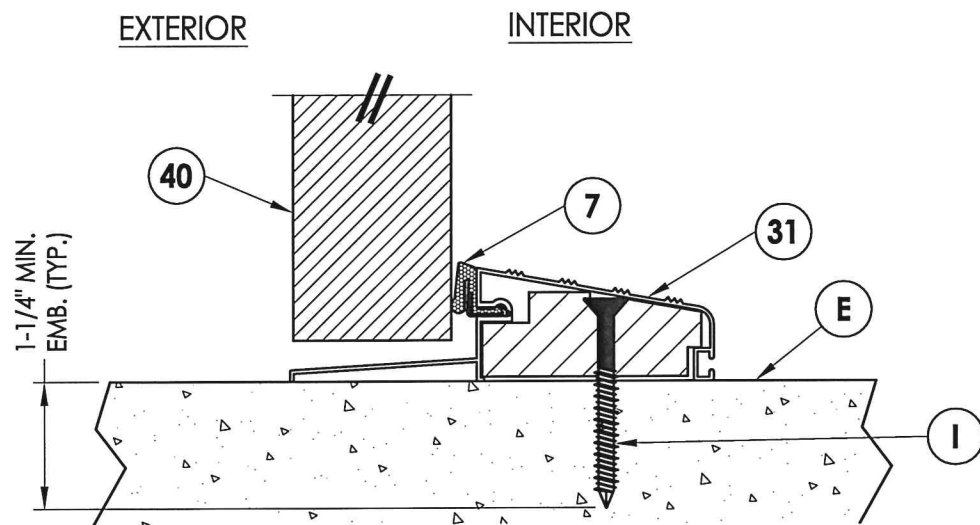
DATE: 02/15/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15215.18
SHEET 4 OF 9

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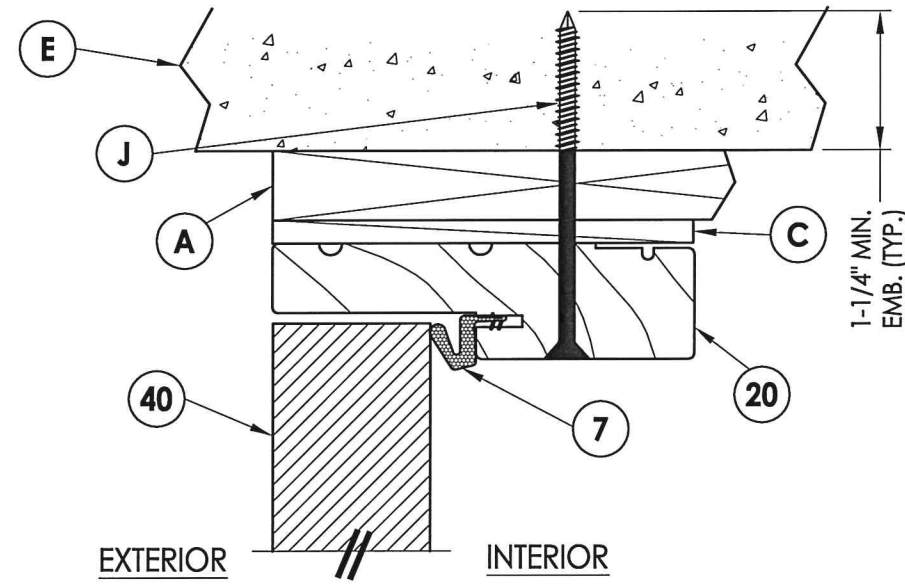
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FBPE C.A. No. 9813



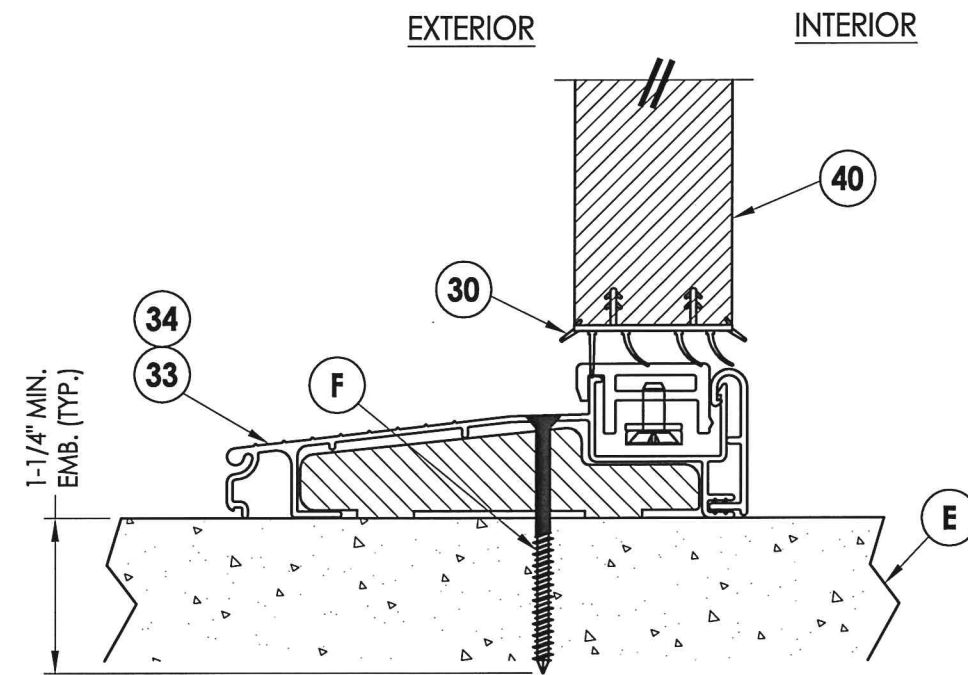
1 **VERTICAL CROSS SECTION**
5 Outswing shown - inswing
also approved



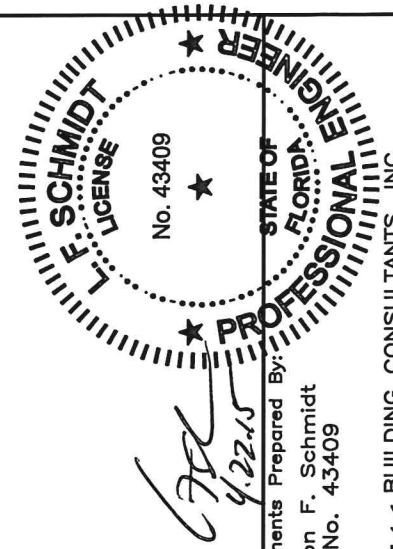
3 VERTICAL CROSS SECTION



2 **VERTICAL CROSS SECTION**
5 Shown w/1X sub-buck



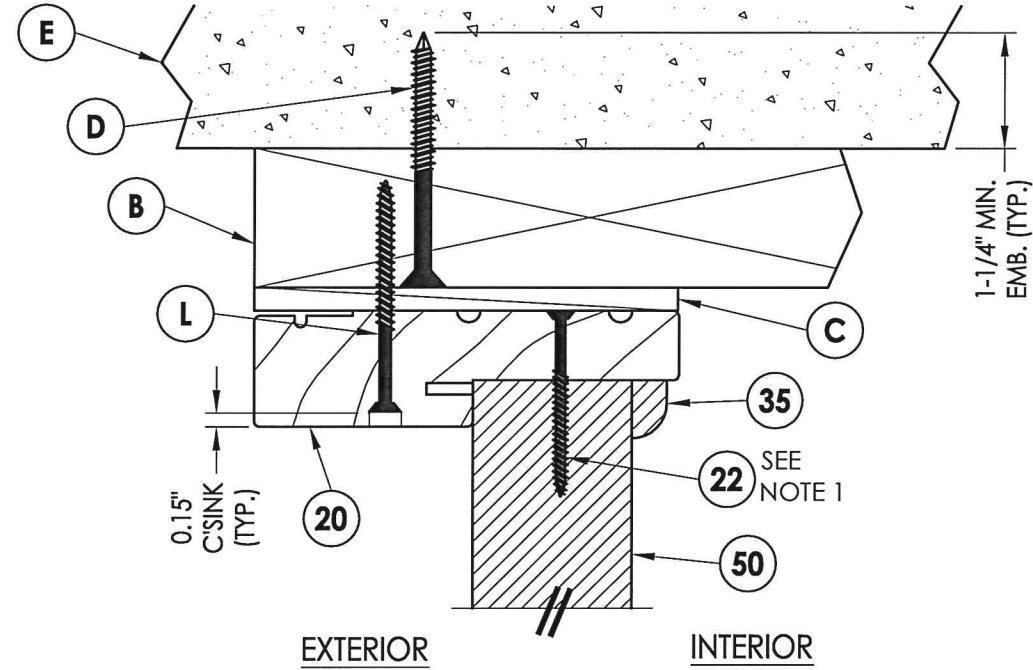
4 VERTICAL CROSS SECTION
5 Inswing configuration



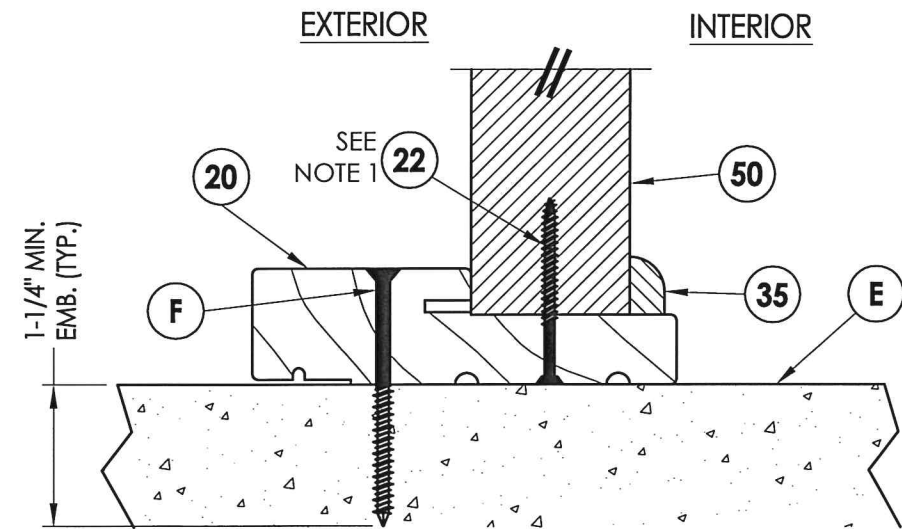
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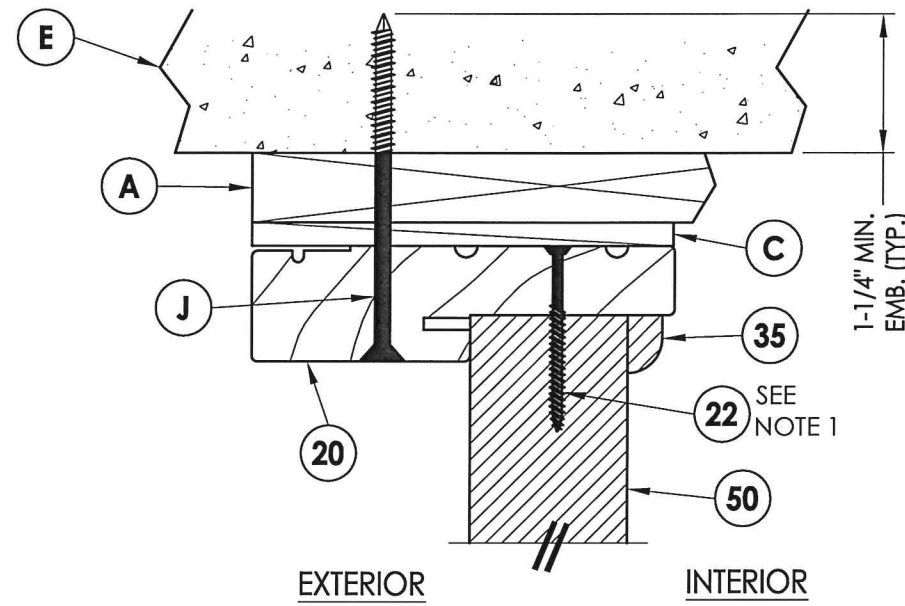
DATE: 02/15/12		PRODUCT: PLASTPRO INC. FIBERGLASS DOOR	
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15215.18			
SHEET 5 OF 9		2	04/22/15
		1	2/27/13
		NO.	DATE
		REVISIONS	
		JK	UPDATE TO 5TH ED. (2014) FBC
		RW	REVISED GLAZING DETAIL
		BY	
		PART OR ASSEMBLY: VERTICAL CROSS SECTIONS	



1 **VERTICAL CROSS SECTION**
6 Outswing shown - inswing
also approved



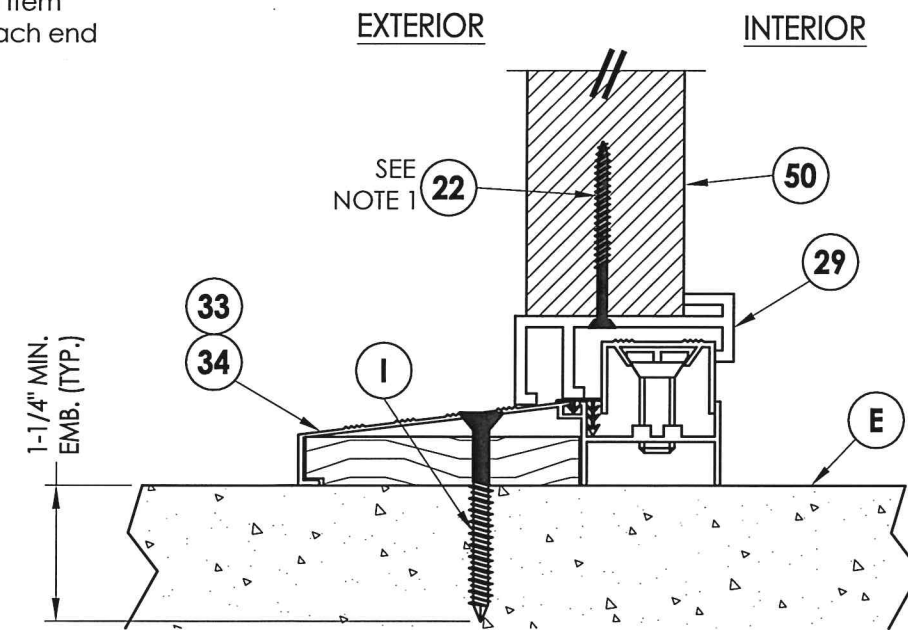
3 VERTICAL CROSS SECTION
6 Outswing configuration



2 VERTICAL CROSS SECTION
6 Shown w/1X sub-buck

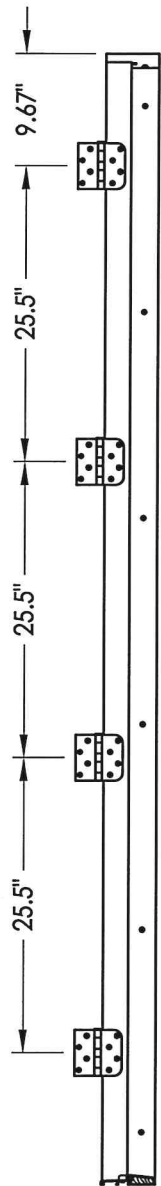
NOTE:

1. Sidelite panel secured to the sidelite frame with (6) of item #22 located 5", 22.05", 39.10", 56.15", 73.2" & 90.25" from top of each jamb and (2) of item #22 in the head and sill 3" from each end



4 **VERTICAL CROSS SECTION**
6 Inswing configuration

DATE: 02/15/12					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-15215.18					
SHEET 6 OF 9					
2	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK	
1	2/27/13	REVISED GLAZING DETAIL		RW	
NO.	DATE			BY	
					REVISIONS
PRODUCT:			PART OR ASSEMBLY:		
PLASTPRO INC. FIBERGLASS DOOR			VERTICAL CROSS SECTIONS		
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 C.A. No. 9813		



HINGE JAMB

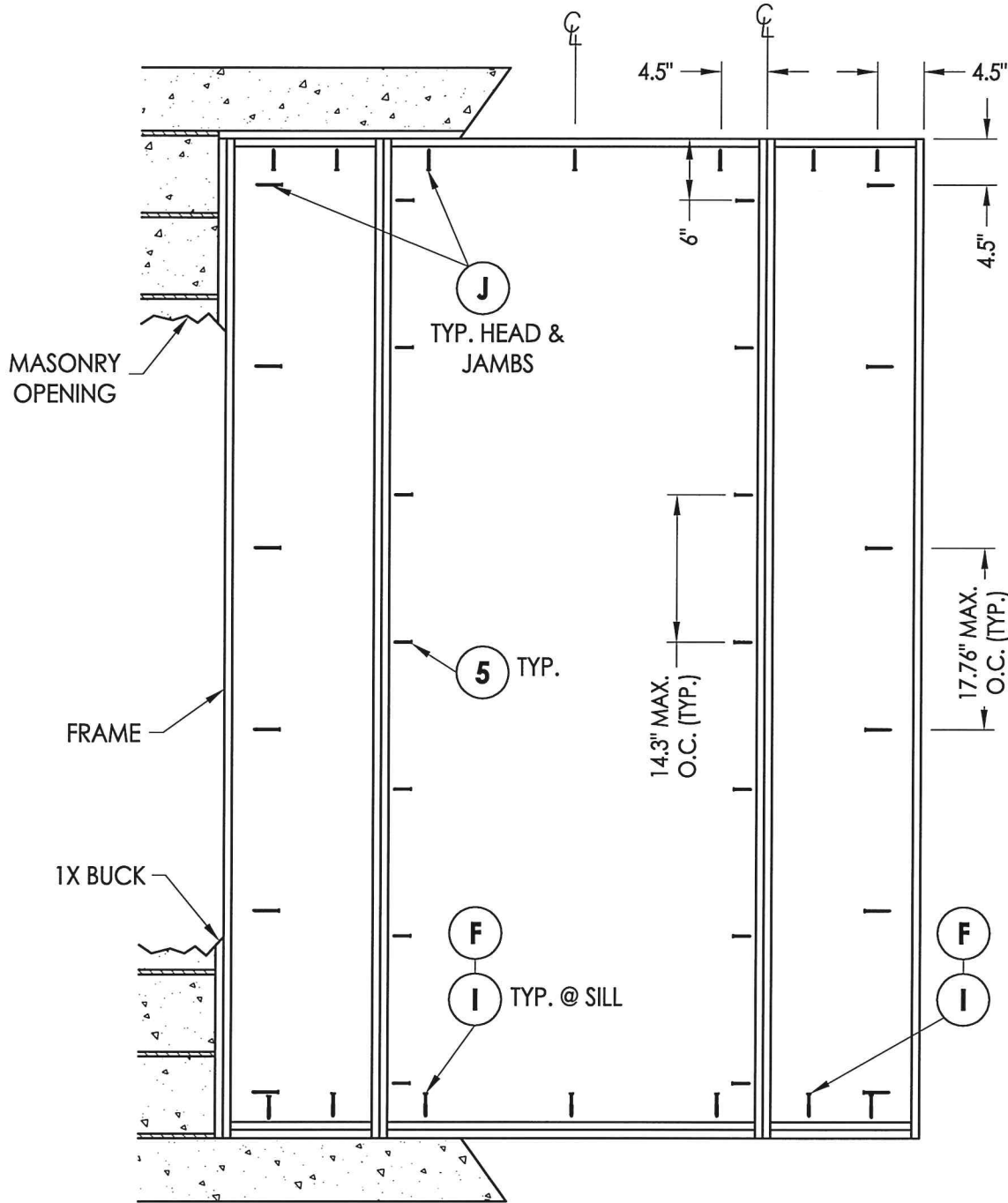
CONCRETE ANCHOR NOTES:

- 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:

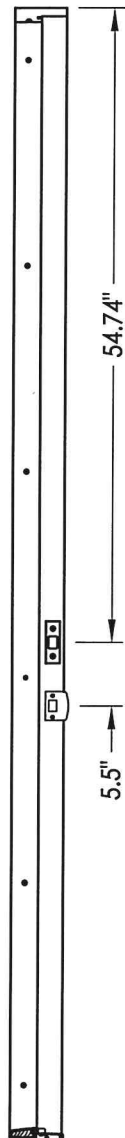
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"

WOOD SCREW INSTALLATION NOTES:

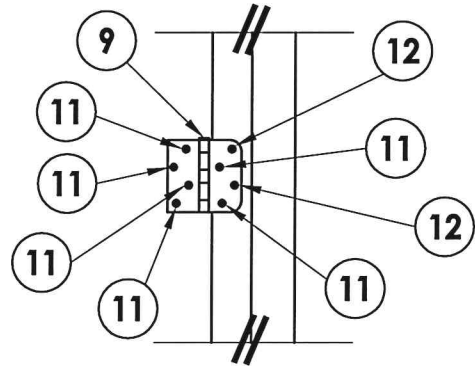
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



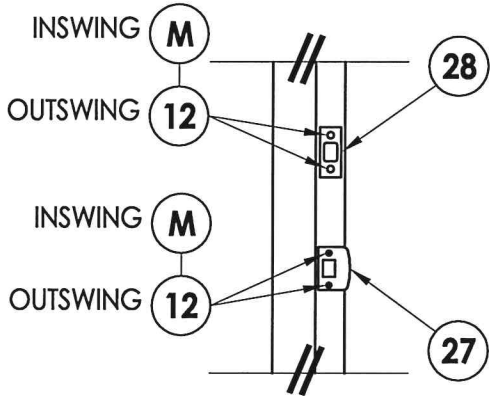
FRAME ANCHORING
Masonry 1X buck construction



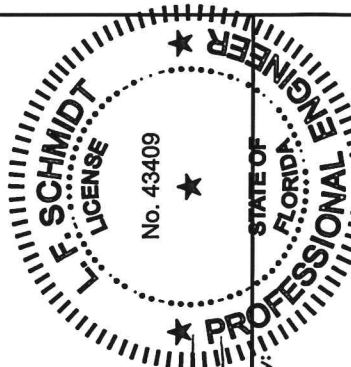
STRIKE JAMB



HINGE DETAIL



LATCH & DEADBOLT DETAIL



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PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

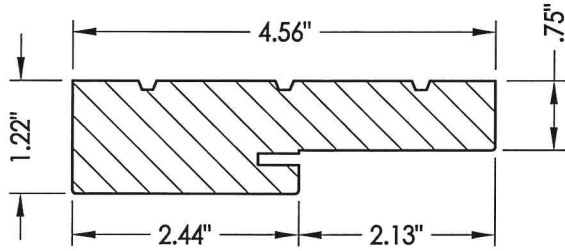
PART OR ASSEMBLY:
FRAME ANCHORING 1X BUCK
MASONRY CONSTRUCTION

NO.	DATE	REVISIONS
2	04/22/15	UPDATE TO 5TH ED. (2014) FBC
1	2/27/13	REVISED GLAZING DETAIL

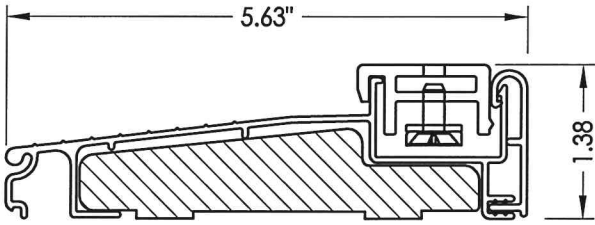
DATE: 02/15/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15215.18
SHEET 8 OF 9

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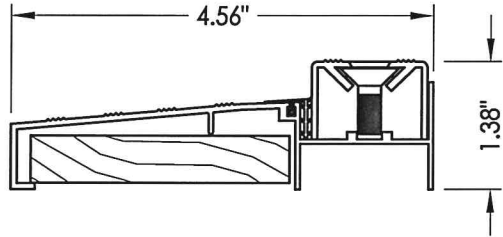
BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	1/4" X 2-3/4" PFH ITW CONCRETE SCREW	STEEL
I	1/4" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW	STEEL
M	#9 X 2-1/4" PFH WOOD SCREW	STEEL
5	#10 X 2" PFH SCREW	STEEL
6	SEALANT	SILICONE
7	Q-LON 650 WEATHER STRIP SCHLEGEL	FOAM
9	4" X 4" BUTT HINGE	STEEL
10	NOT USED	-
11	#9 X 3/4" PFH WOOD SCREW	STEEL
12	#9 X 2" PFH WOOD SCREW	STEEL
17	KWIKSET KEYED ENTRY - SIGNATURE SERIES	STEEL
18	KWIKSET DEADBOLT - SIGNATURE SERIES (780)	STEEL
20	FINGER JOINTED PINE FRAME, HEAD & HINGE JAMBS	WOOD
22	#8 X 2" PFH WOOD SCREW	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
29	SIDELITE SPACER	PVC
30	WEATHER-STOP 3647 HOLM INDUSTRIES	VINYL
31	OUTSWING BUMP THRESHOLD	ALUM. / WOOD
33	INSWING ADJUSTABLE THRESHOLD BY ENDURA	ALUM. / WOOD
34	INSWING ADJUSTABLE ALUMINUM THRESHOLD BY DLP	ALUM. / WOOD
35	SHOE MOULD 5/8" X 3/8"	WOOD
38	GLAZING SPACER	ALUM.
39	GLAZING BEAD	PVC
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
41	DOOR SKIN (MIN. 0.095" THICK)	FIBERGLASS
42	TOP RAIL	CELLULAR PVC
43	LATCH & HINGE STILE	CELLULAR PVC
44	LATCH & HINGE STILE SUPPORT	WOOD
45	BOTTOM RAIL	CELLULAR PVC
46	POLYURETHANE FOAM	POLYURETHANE
47	STILE STIFFENER REINFORCEMENT	STEEL
48	REINFORCEMENT RETAINING SCREW	NYLON
49	GLAZING COMPOUND DOW 995	SILICONE
50	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
51	SIDELITE STILE	CELLULAR PVC
52	SIDELITE STILE SUPPORT	WOOD
53	SIDELITE BOTTOM RAIL	CELLULAR PVC



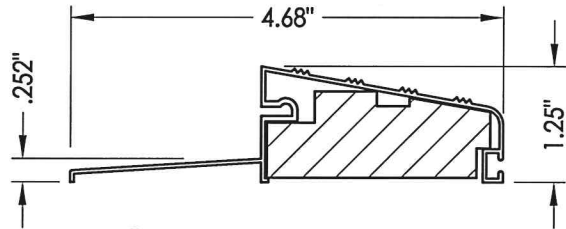
20 HEAD & SIDE Jamb



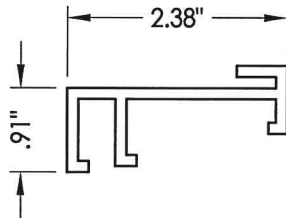
33 ADJUSTABLE INSWING THRESHOLD



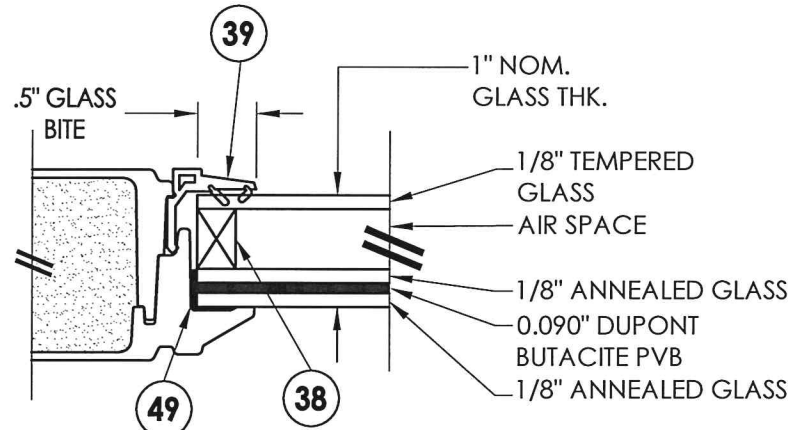
34 ADJUSTABLE INSWING THRESHOLD



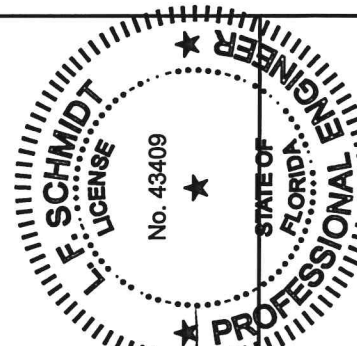
31 OUTSWING BUMP THRESHOLD



29 SIDELITE SPACER



G1 GLAZING DETAIL



Documents Prepared By:
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FBPE C.A. No. 9813

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS, GLAZING
DETAIL & COMPONENTS

NO.	DATE	REVISIONS
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1	2/27/13	REVISED GLAZING DETAIL

DATE: 02/15/12

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SHEET 9 OF 9