



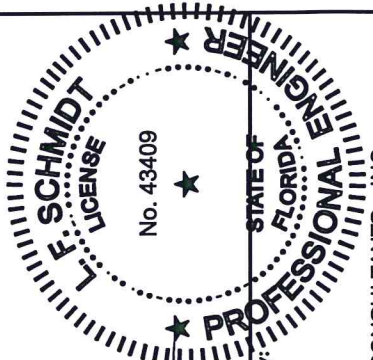
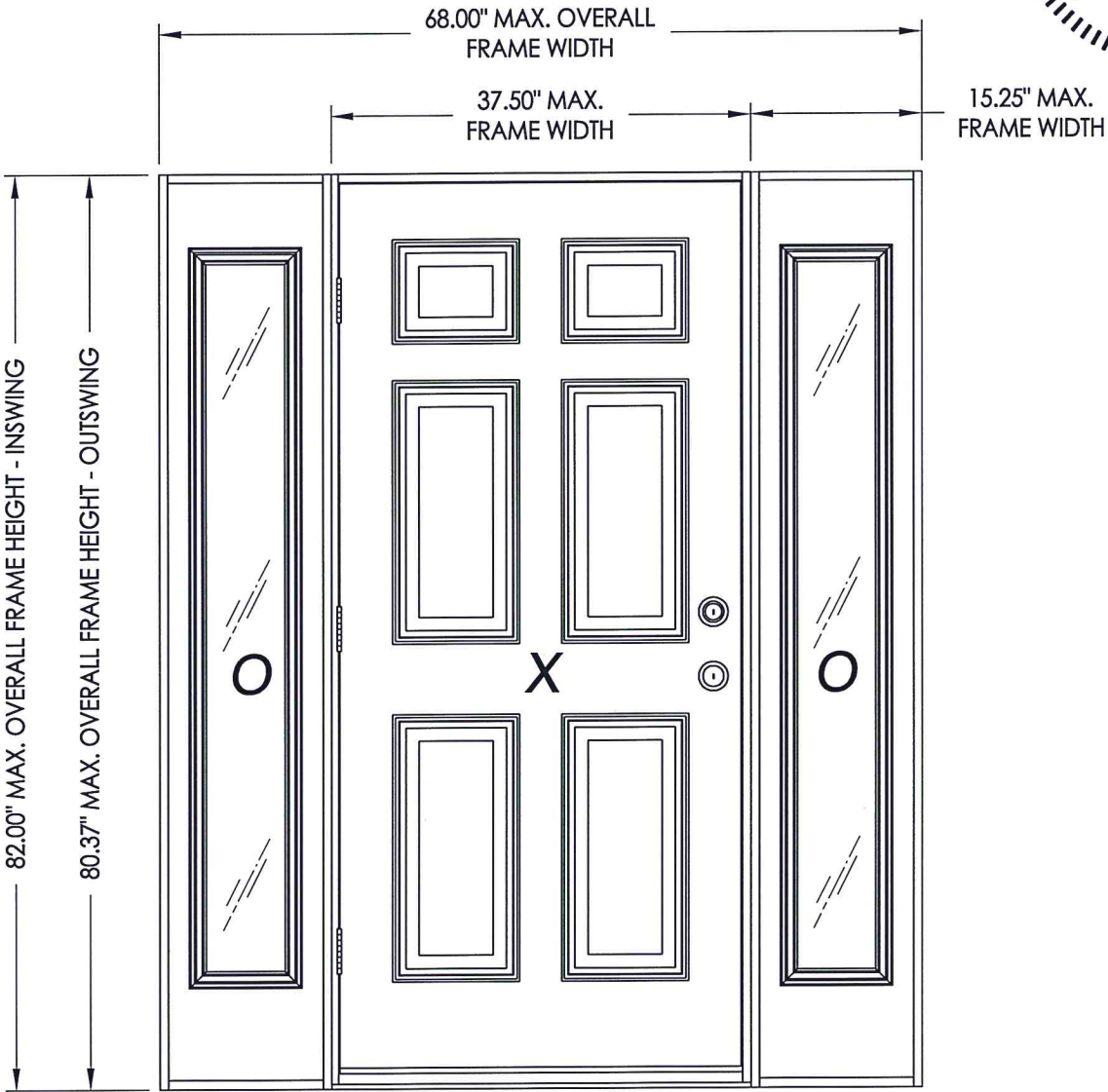
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

Smooth / Wood Grain / White Wood Grain
Rustic / Mahogany
Series Fiberglass Door
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. The sidelite must be protected with an impact resistant covering that complies with Section 1609.1.2.
- 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 elevation, design pressures, & general notes
2	Door panel details
3	Sidelite panel details
4	Horizontal cross sections
5	Vertical cross sections
6	Vertical cross sections
7	Buck and frame anchoring - 2X buck masonry construction
8	Frame anchoring - 1X buck masonry construction
9	Bill of materials, glazing detail & components



4/28/15

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

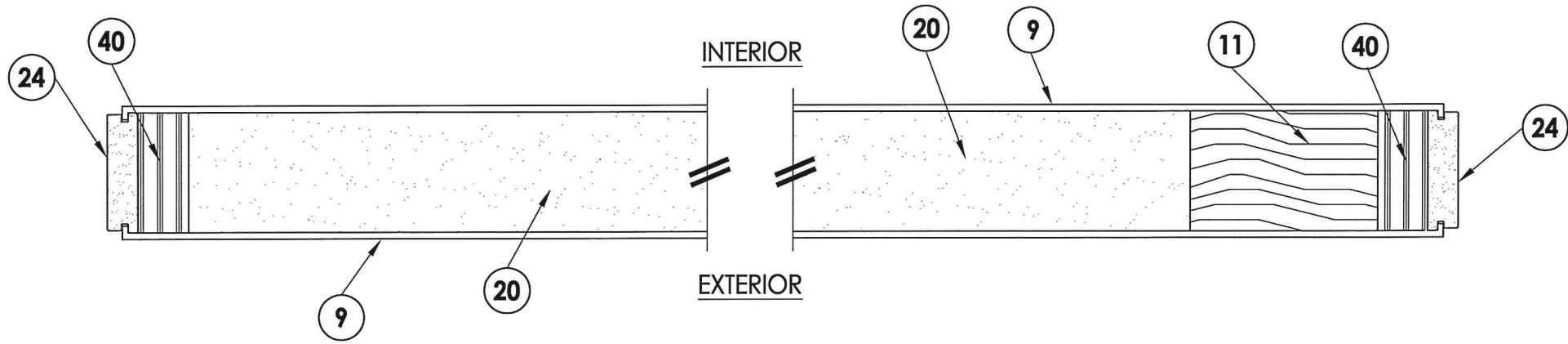
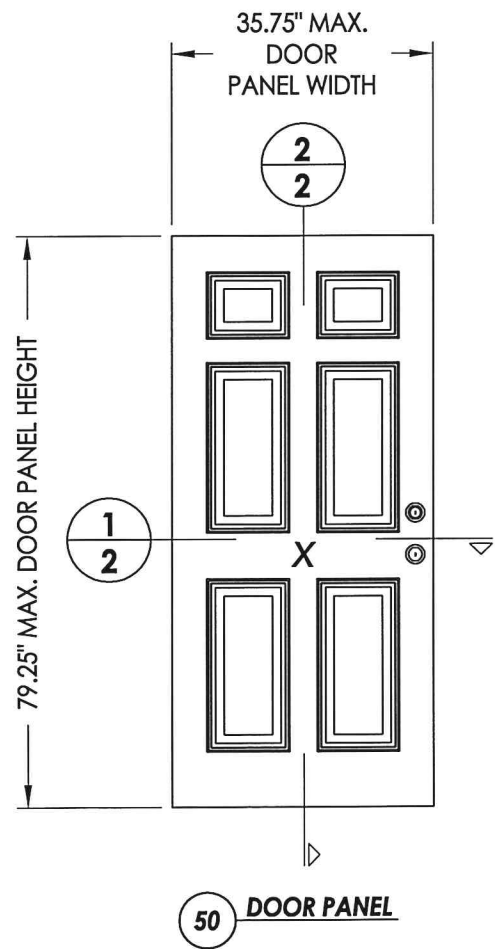
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE C.A. No. 9813

PRODUCT: PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

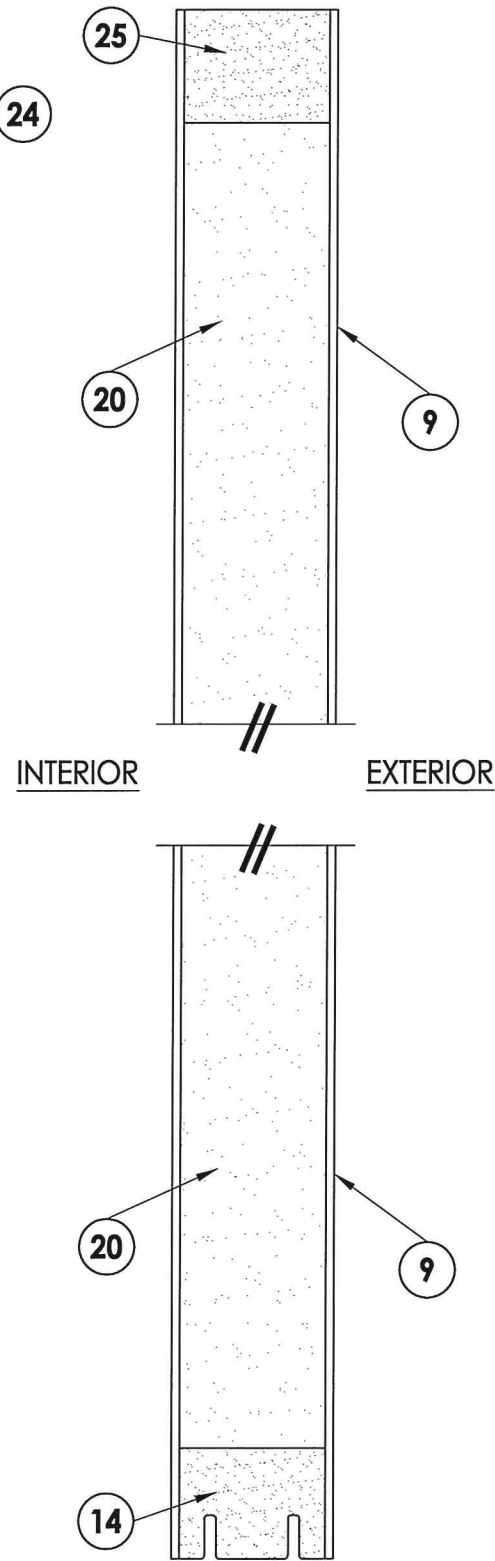
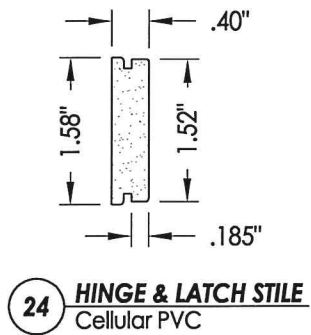
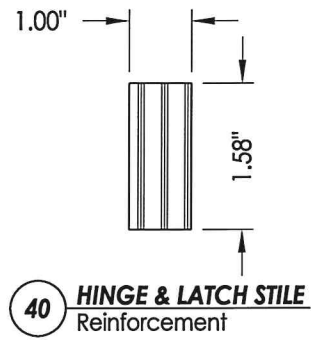
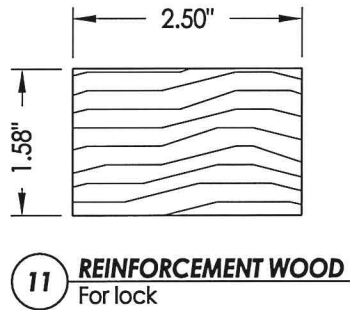
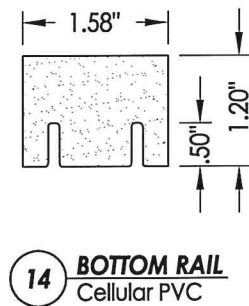
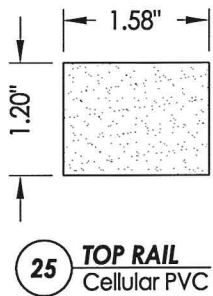
REVISIONS	
NO.	DATE
1	04/22/15
UPDATE TO 5TH ED. (2014) FBC	
JK	BY

DATE: 02/16/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15213.3
SHEET 1 OF 9

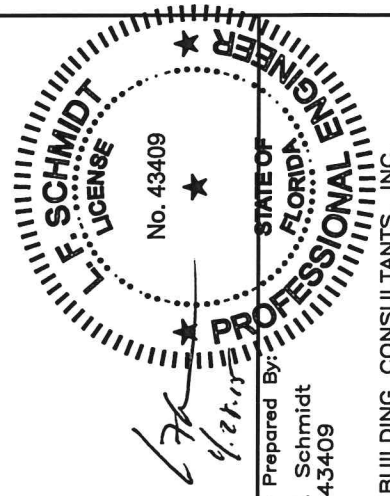
SWING	OVERALL FRAME DIMENSION	SIDELITE D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
INSWING	68.00" x 82.00"	7.00" x 63.00"	G1	+47.0	-47.0
OUTSWING	68.00" x 80.37"	7.00" x 63.00"			



1/2 HORIZONTAL CROSS SECTION



2/2 VERTICAL CROSS SECTION



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FBPE C.A. No. 9813

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR
PART OR ASSEMBLY:
DOOR PANEL DETAILS

NO.	DATE	REVISIONS
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC
JK		
BY		

DATE: 02/16/12

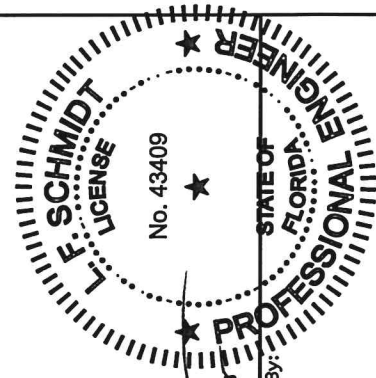
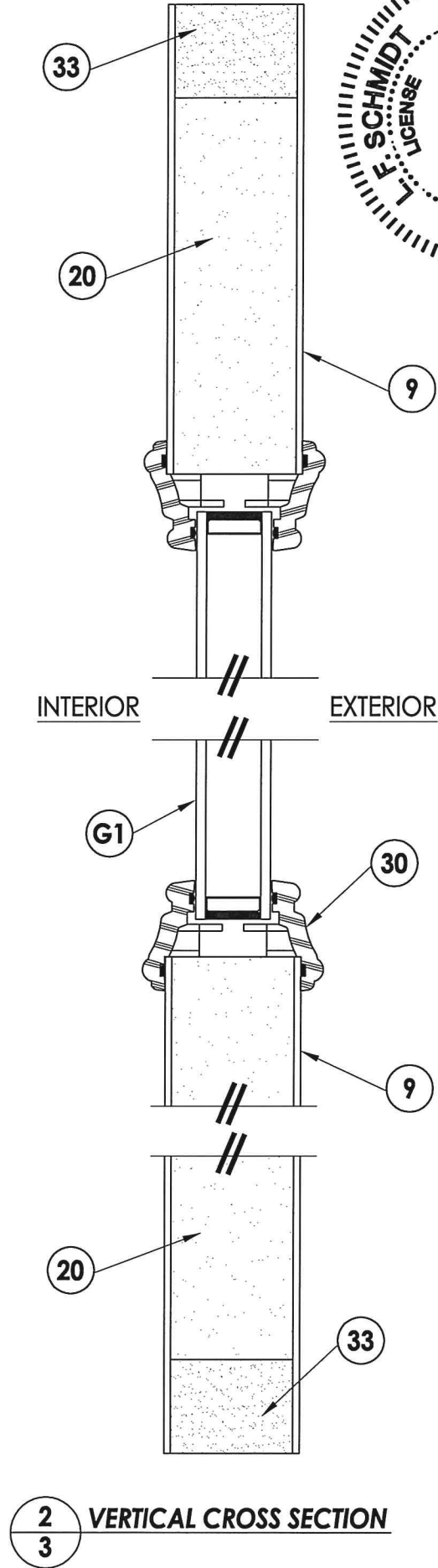
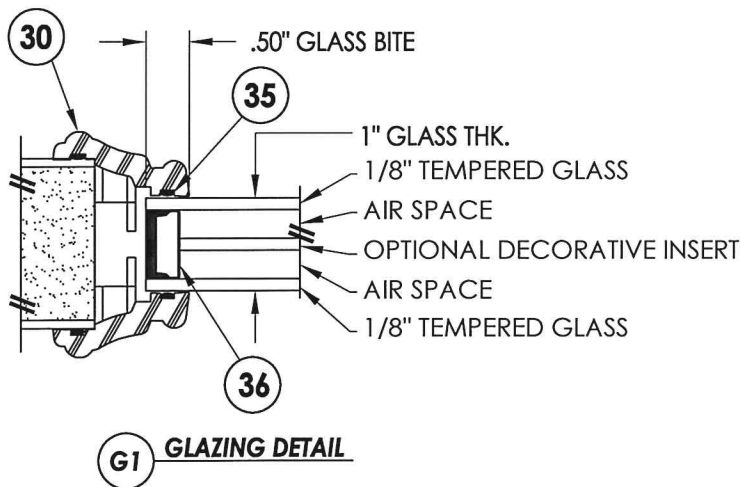
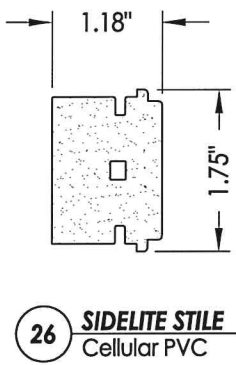
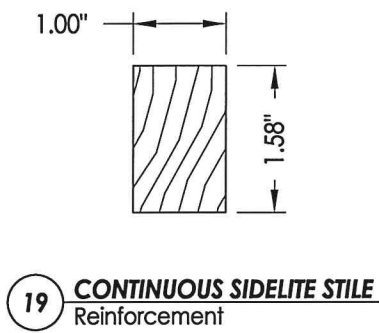
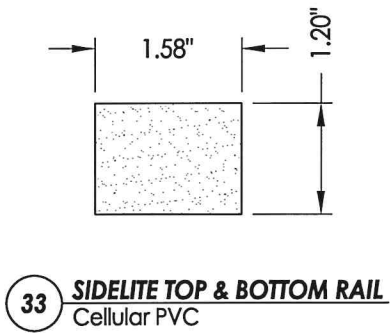
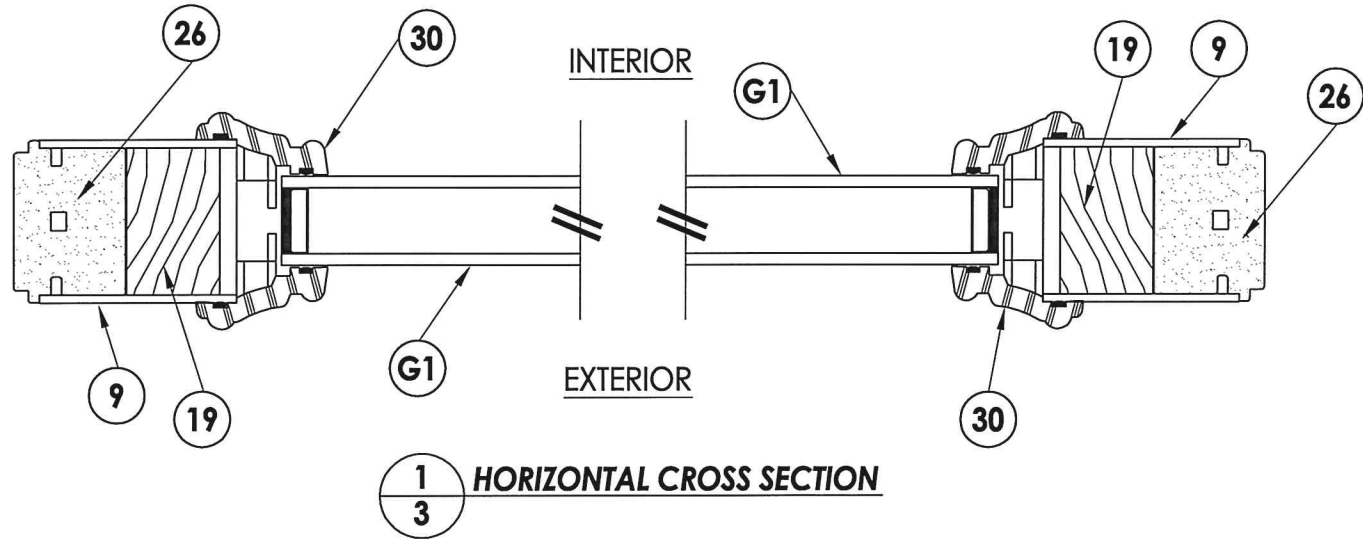
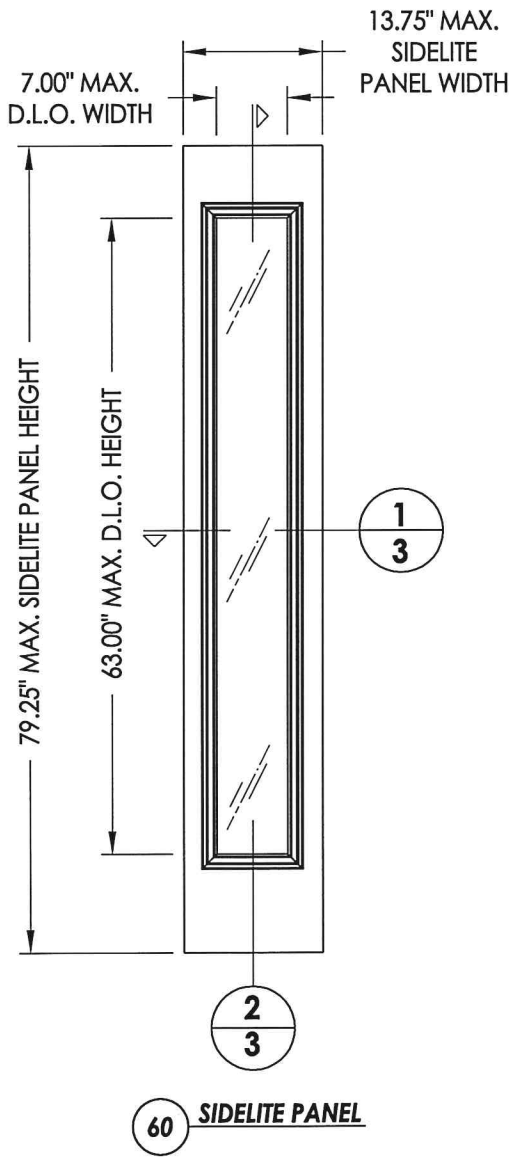
SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15213.3

SHEET 2 OF 9

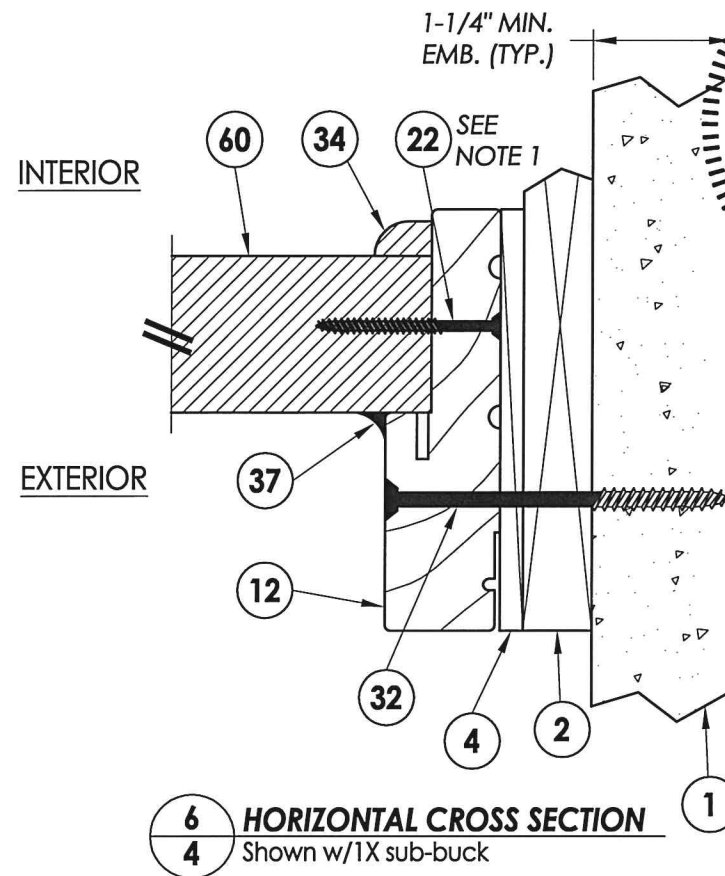
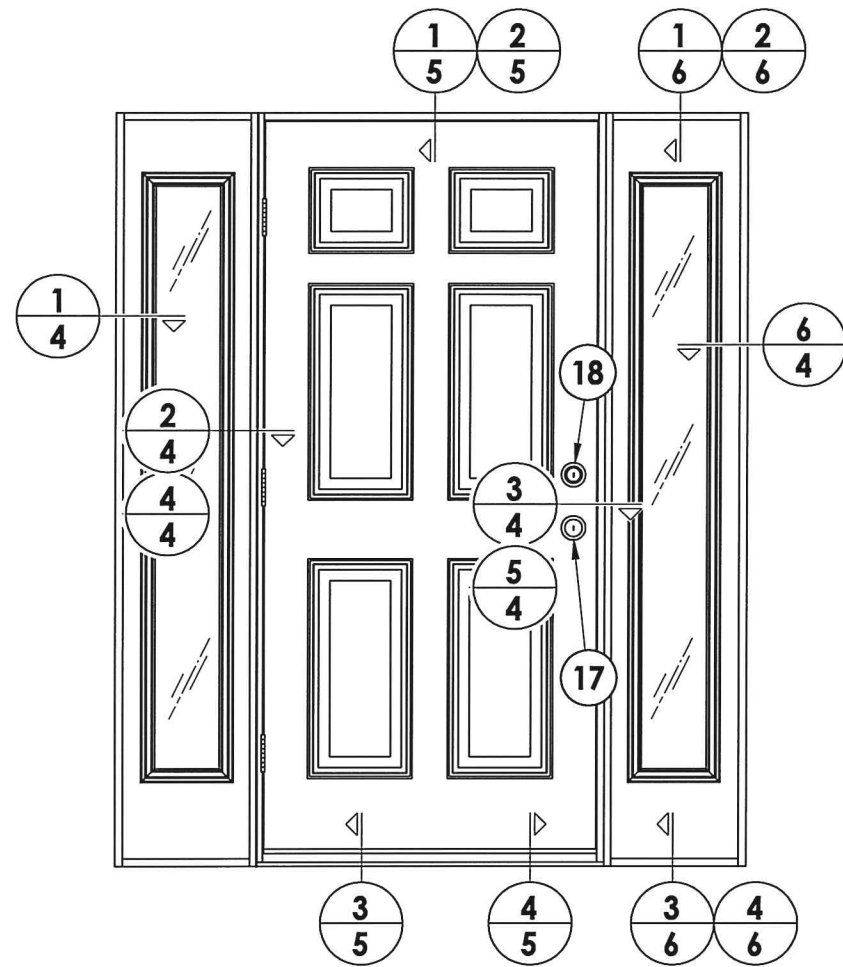
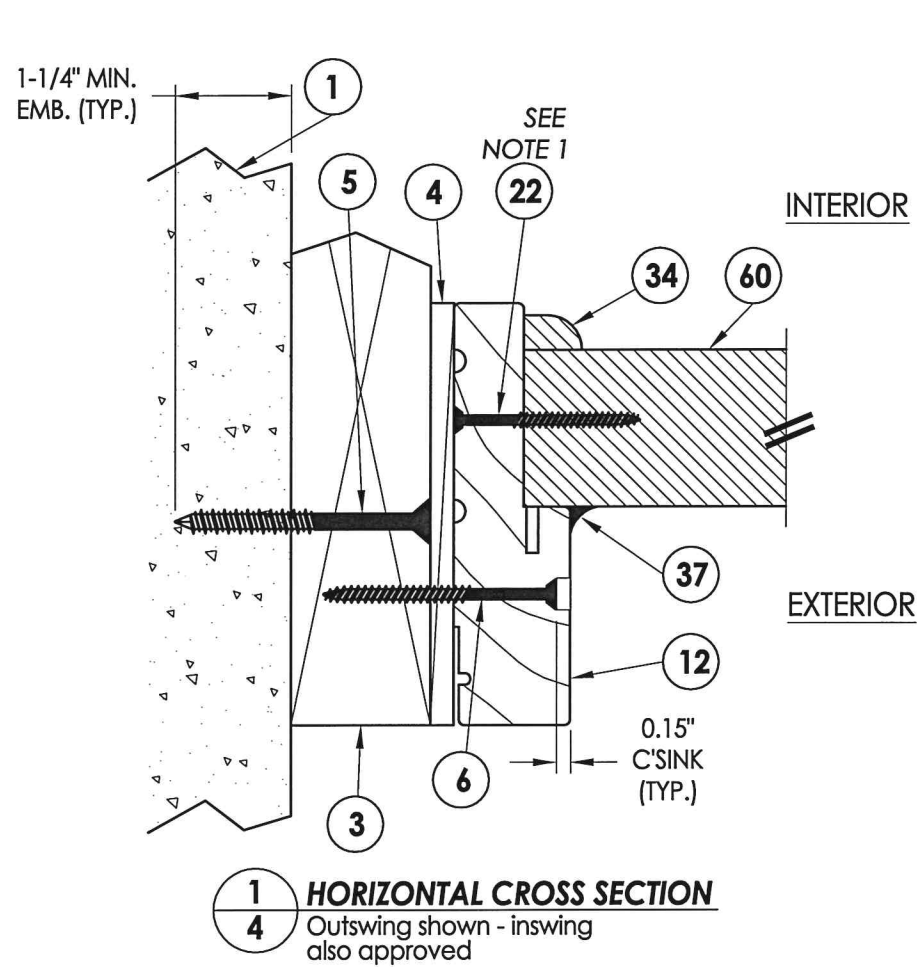


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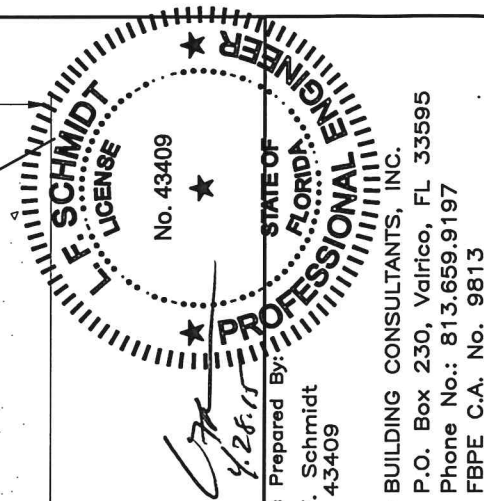
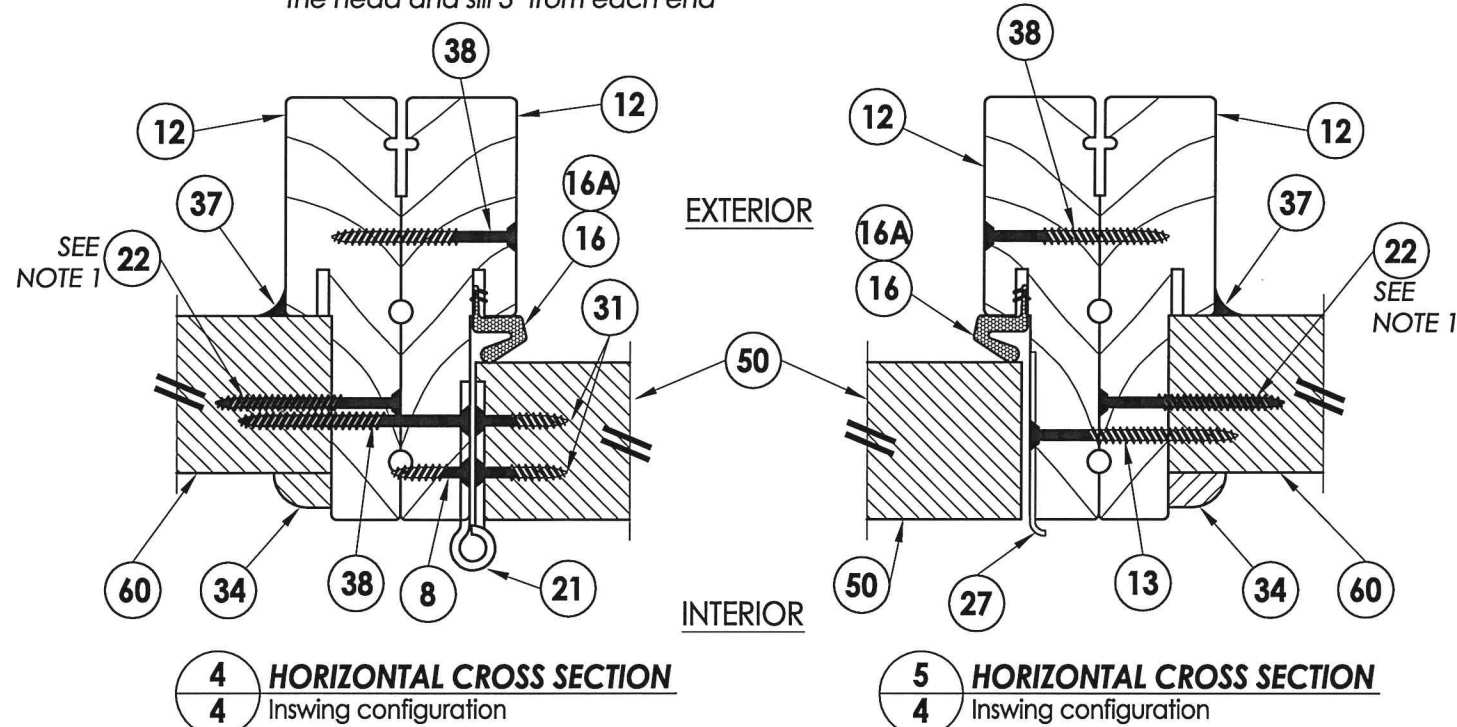
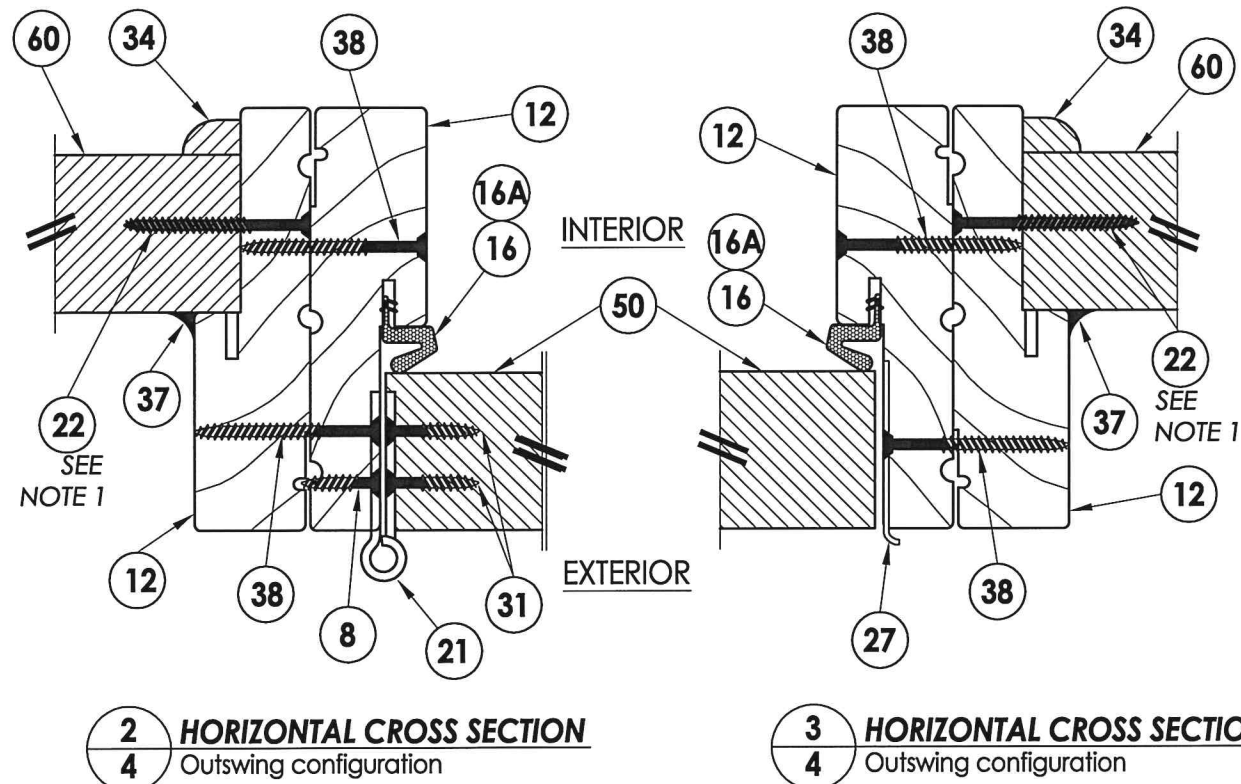
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE C.A. No. 9813

PRODUCT:		PLASTPRO INC. FIBERGLASS DOOR	
PART OR ASSEMBLY:		SIDELITE PANEL DETAILS	
DATE:		1 04/22/15	UPDATE TO 5TH ED. (2014) FBC
SCALE:		NO.	DATE
DWG. BY:		JK	BY
CHK. BY:		LFS	
DRAWING NO.:		FL-15213.3	
SHEET		3	OF 9

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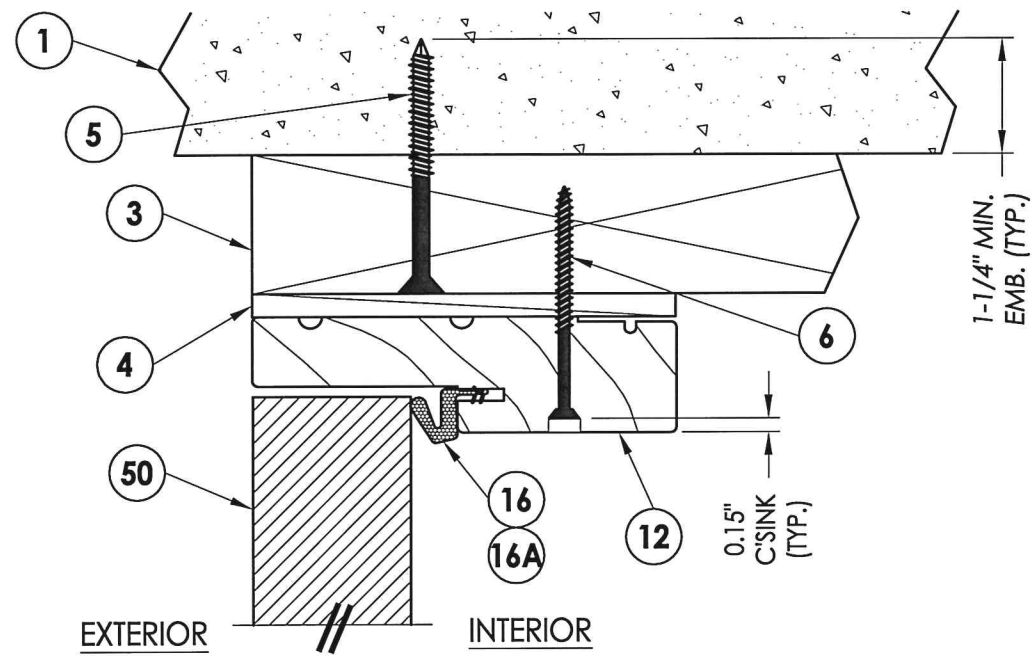
NOTE:
1. Sidelite panel secured to the sidelite frame with (4) of item #22 located 10", 30.5", 51" and 71.5" from top of each jamb and (2) of item #22 in the head and sill 3" from each end



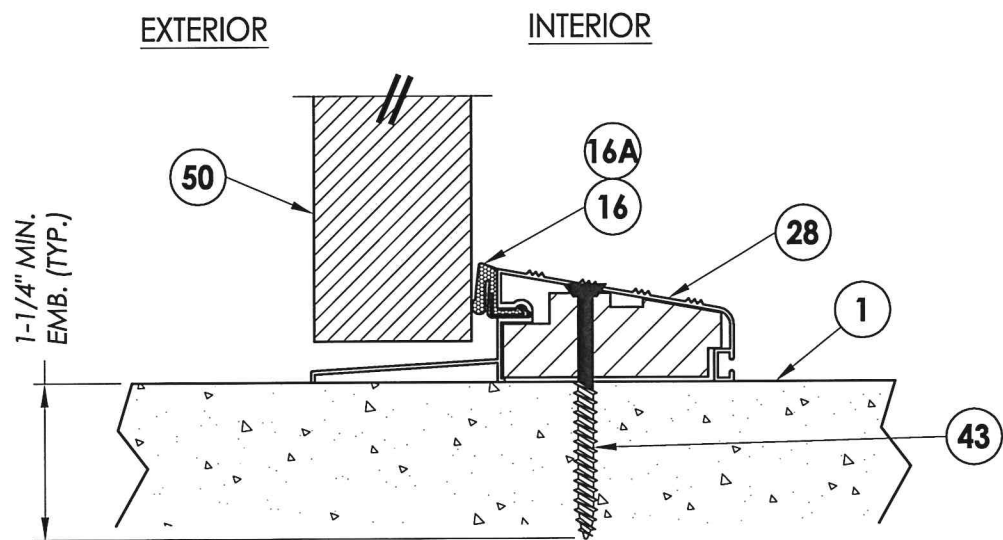
Documents Prepared By:
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P.E. No. 43409

R.W. BUILDING CONSULTANTS, INC.
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Phone No.: 813.659.9197
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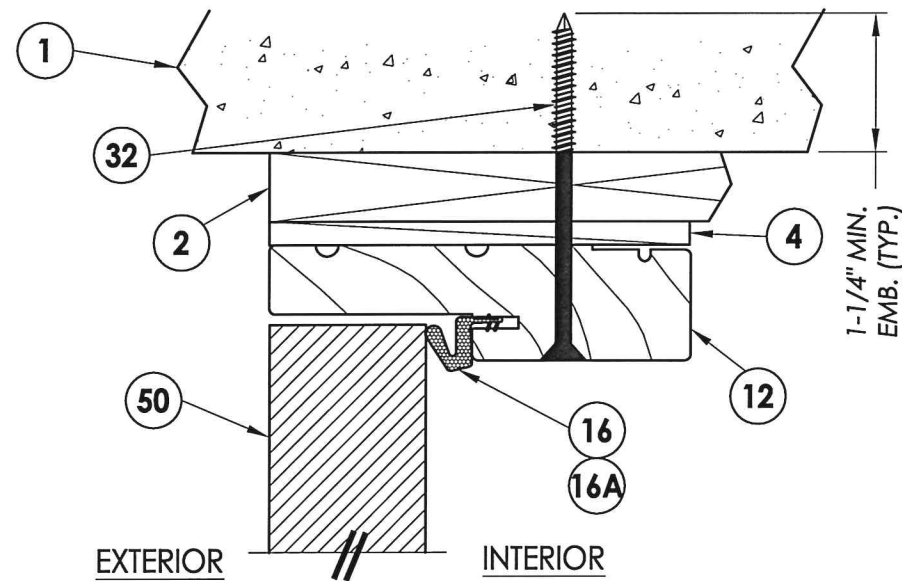
PRODUCT:		PLASTPRO INC. FIBERGLASS DOOR	
PART OR ASSEMBLY:		HORIZONTAL CROSS SECTIONS	
NO.	DATE	REVISIONS	BY
			JK
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC	JK
DATE: 02/16/12		SCALE: N.T.S.	
DWG. BY: JK		CHK. BY: LFS	
DRAWING NO.: FL-15213.3		SHEET 4 OF 9	



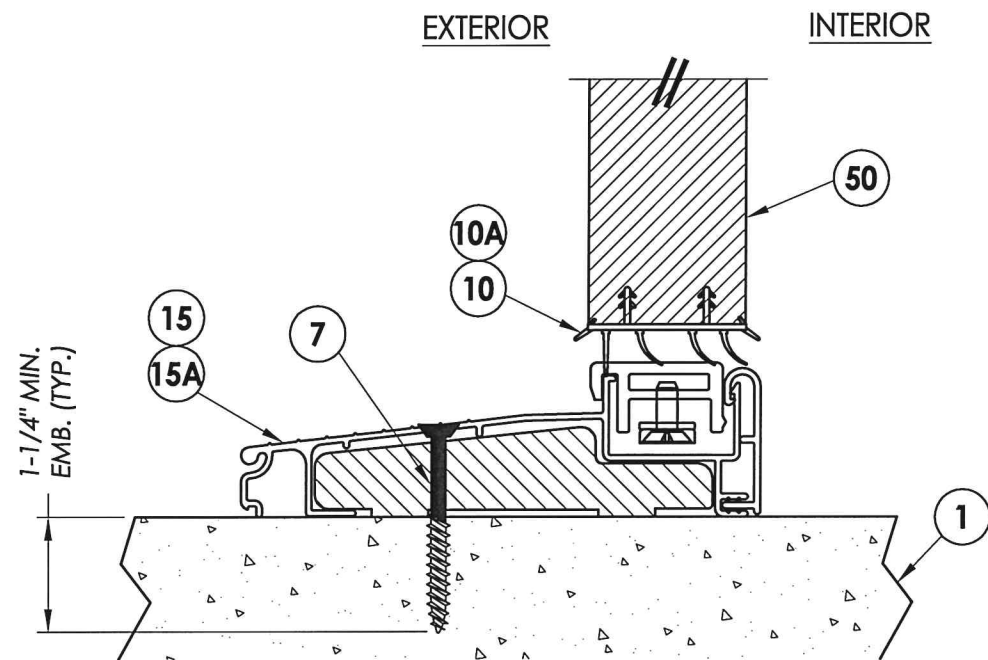
1 VERTICAL CROSS SECTION
5 Outswing shown - inswing also approved



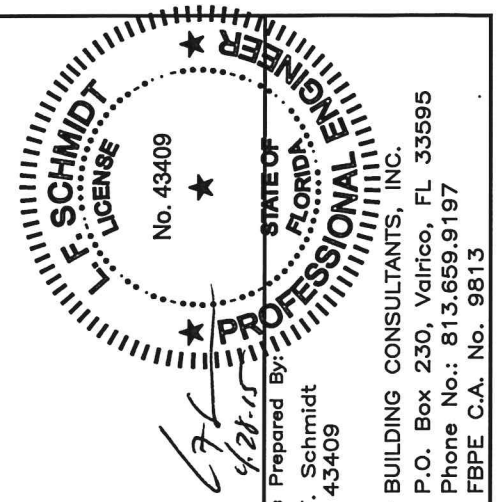
3 VERTICAL CROSS SECTION
5 Outswing configuration



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



4 VERTICAL CROSS SECTION
5 Inswing configuration



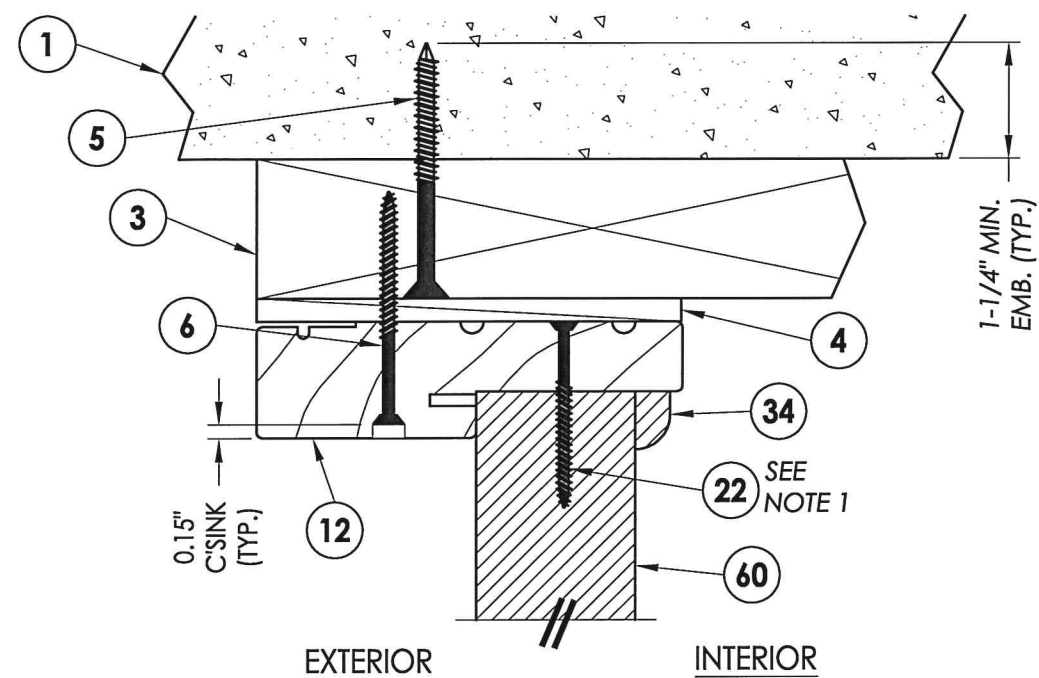
Documents Prepared By:
 Lyndon F. Schmidt
 P.E. No. 43409

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

PRODUCT: PLASTPRO INC. FIBERGLASS DOOR
 PART OR ASSEMBLY: VERTICAL CROSS SECTIONS

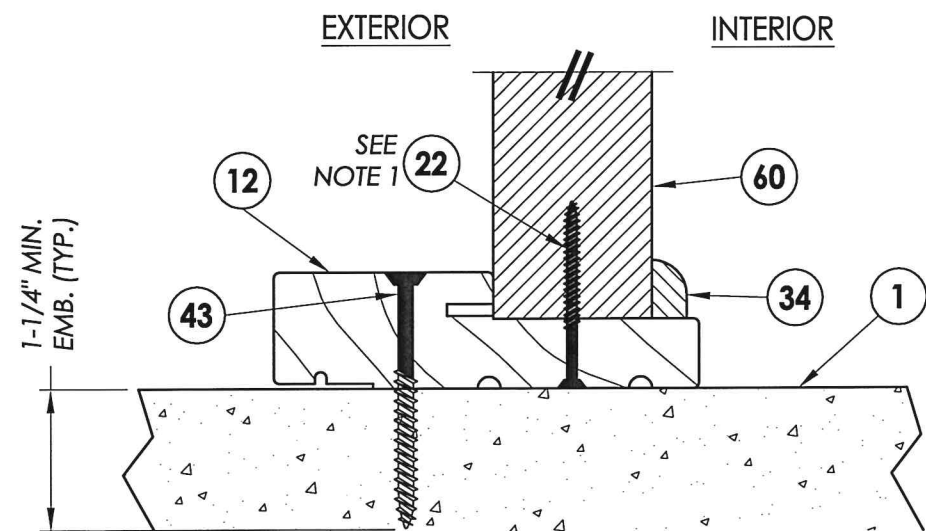
NO.	DATE	REVISIONS
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC
JK	BY	

DATE: 02/16/12
 SCALE: N.T.S.
 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO.: FL-15213.3
 SHEET 5 OF 9

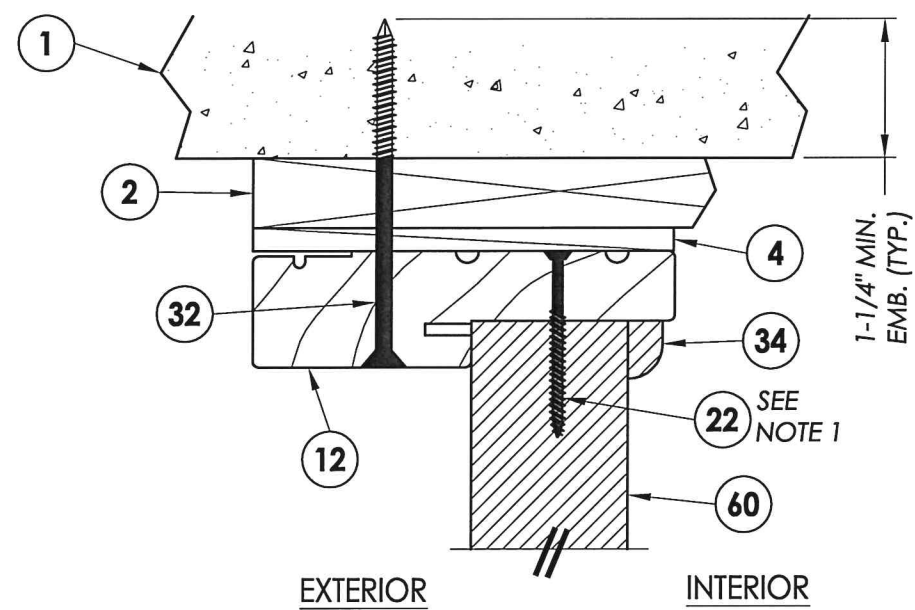


1 **VERTICAL CROSS SECTION**
6 Outswing shown - inswing
also approved

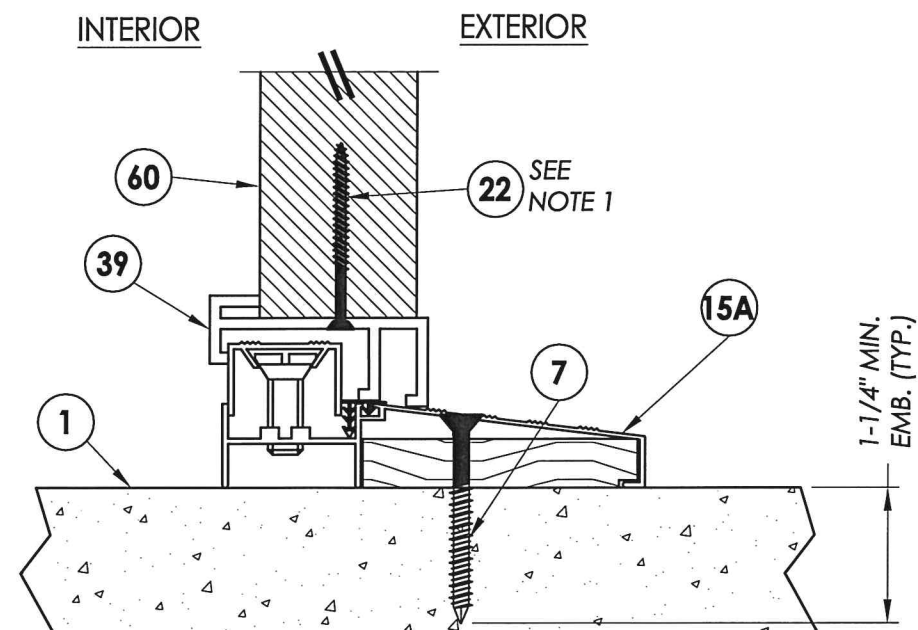
NOTE:
1. Sidelite panel secured to the sidelite frame with (4) of item #22 located 10", 30.5", 51" and 71.5" from top of each jamb and (2) of item #22 in the head and sill 3" from each end



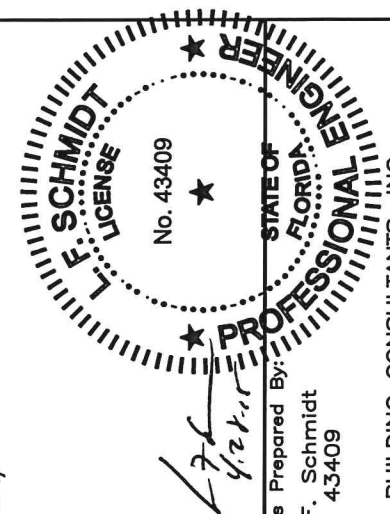
3 6 **VERTICAL CROSS SECTION** Outswing configuration



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



4 VERTICAL CROSS SECTION
6 Inswing configuration



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

STATE OF FLORIDA
PROFESSIONAL ENGINEER

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

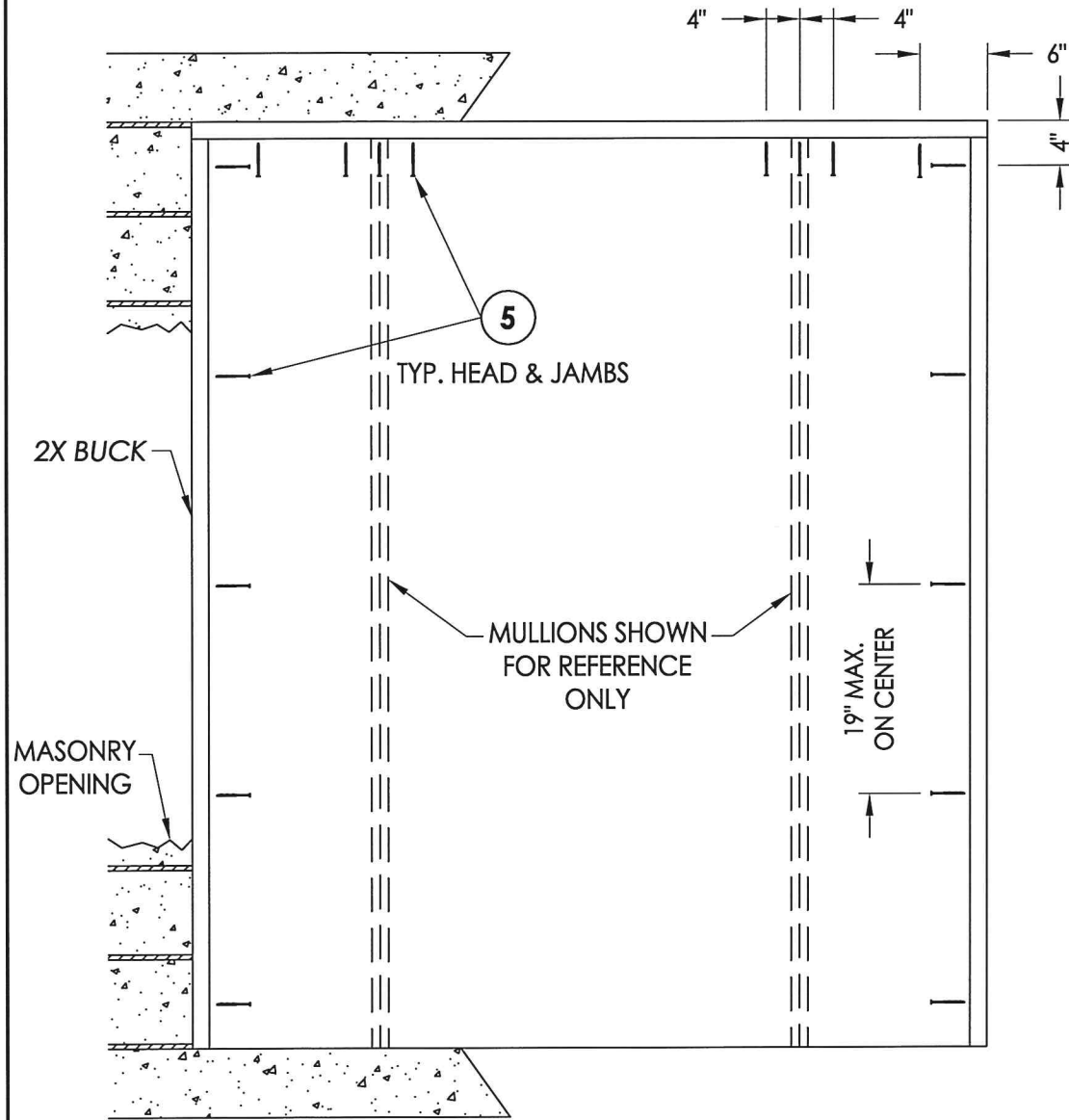
PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY: VERTICAL CROSS SECTIONS

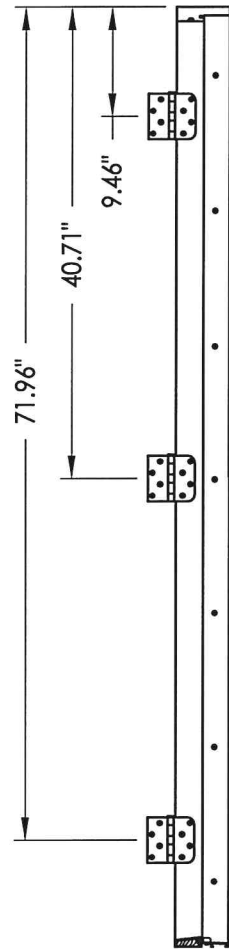
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NO.	DATE				BY
REVISIONS					

DATE:	02/16/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15213.3
SHEET	6 OF 9

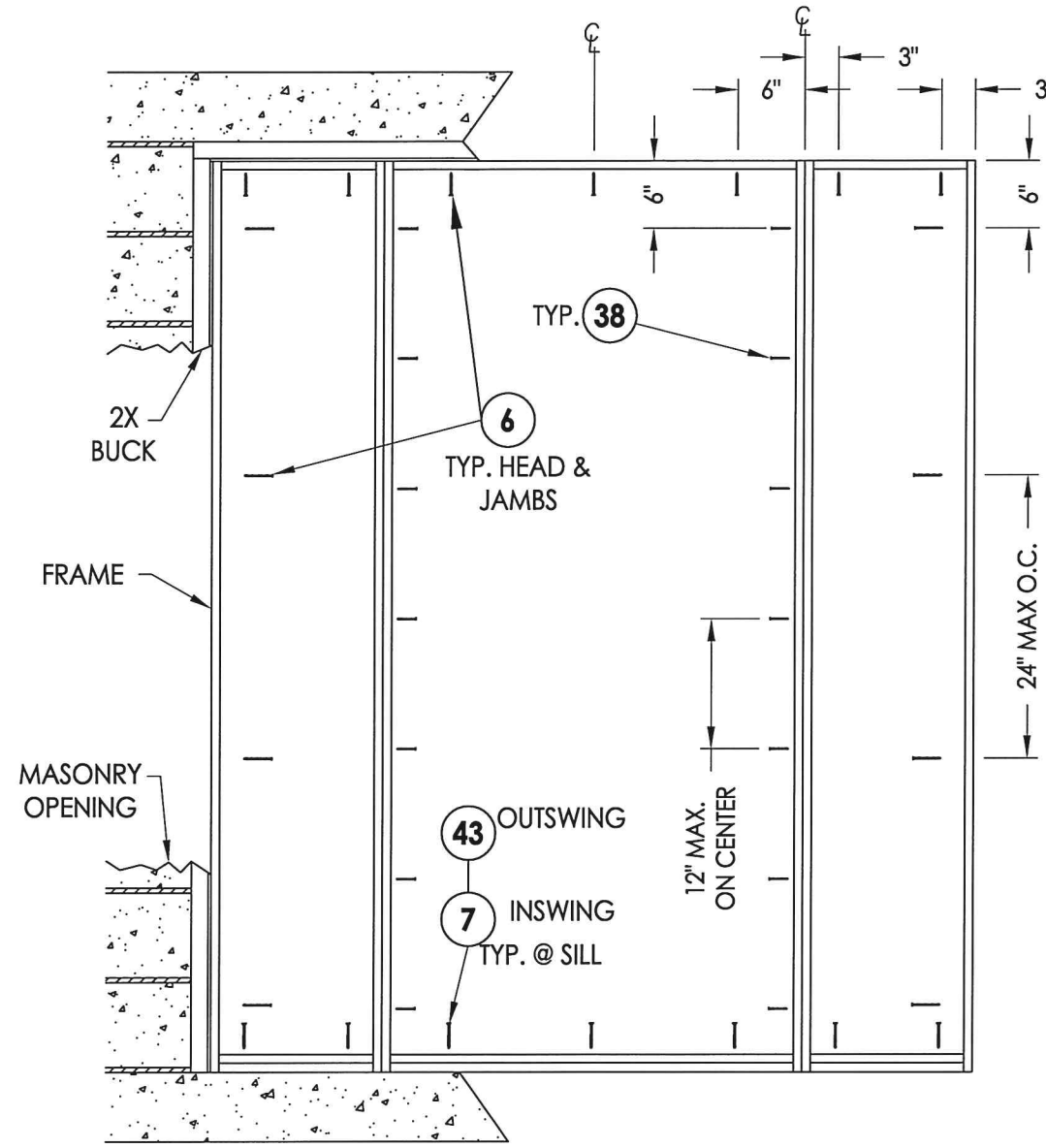
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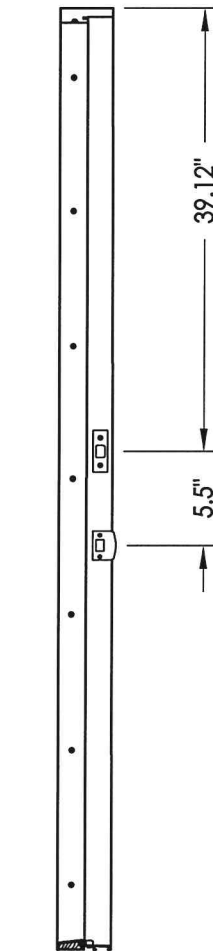
BUCK ANCHORING



HINGE JAMB



FRAME ANCHORING
Masonry 2X buck construction



STRIKE JAMB

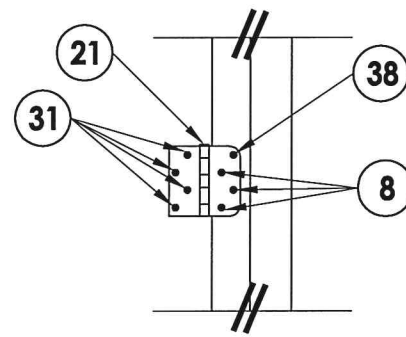
CONCRETE ANCHOR NOTES:

- 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:

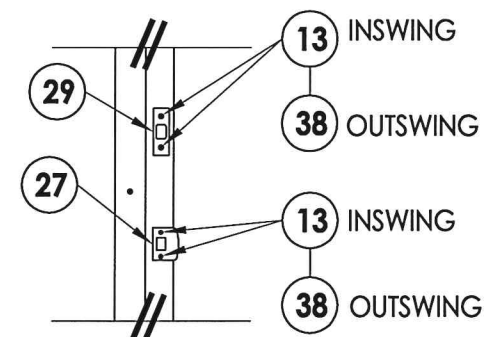
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
ELCO ULTRACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

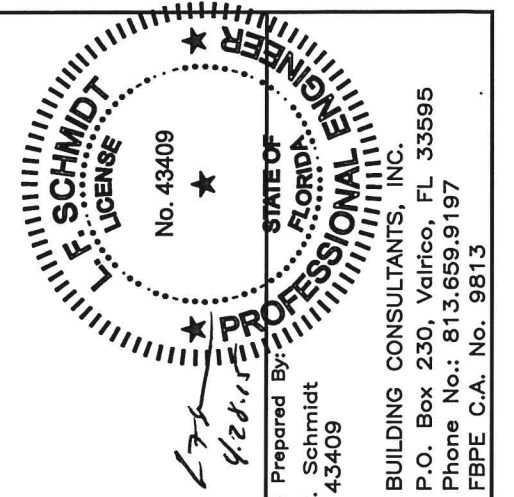
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



HINGE JAMB



STRIKE PLATE DETAIL



PRODUCT:		PLASTPRO INC.	
		FIBERGLASS DOOR	
PART OR ASSEMBLY:		BUCK & FRAME ANCHORING	
		2X BUCK MASONRY CONSTRUCTION	
DATE:	02/16/12	NO.	DATE
SCALE:	N.T.S.	1	04/22/15
DWG. BY:	JK	UPDATE TO 5TH ED. (2014) FBC	
CHK. BY:	LFS		
DRAWING NO.:	FL-15213.3		
SHEET	7	OF	9

Technical drawing of a window frame assembly, showing a cross-section and elevation view.

Labels and Callouts:

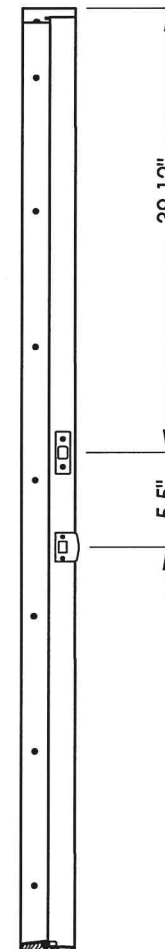
- 1X BUCK**: Points to the outer frame member.
- FRAME**: Points to the inner frame member.
- MASONRY OPENING**: Points to the opening in the masonry wall.
- 32**: Callout for the **TYP. HEAD & JAMBS**.
- 38**: Callout for the **TYP.** (Typical) member.
- 43**: Callout for the **OUTSWING** sash.
- 7**: Callout for the **INSWING** sash, **TYP. @ SILL** (Typical at Sill).

Dimensions:

- 6"**: Dimension for the head and jamb thickness.
- 3"**: Dimension for the sash thickness.
- 12" MAX. ON CENTER**: Dimension for the sash height.
- 24" MAX O.C.**: Dimension for the overall height of the frame assembly.

FRAME ANCHORING
Masonry 1X buck construction

STRIKE JAMB



The drawing consists of two parts. The top part, labeled **HINGE JAMB**, shows a cross-section of a door jamb with a hinge. Callout 21 points to the hinge leaf, 31 to the hinge pins, 38 to the hinge knuckles, and 8 to the hinge screws. The bottom part, labeled **STRIKE PLATE DETAIL**, shows a cross-section of a door jamb with a strike plate. Callout 29 points to the strike plate, 27 to the strike pin, 13 to the inswing side of the strike plate, and 38 to the outswing side of the strike plate. The labels **INSWING** and **OUTSWING** are repeated for each side of the strike plate.

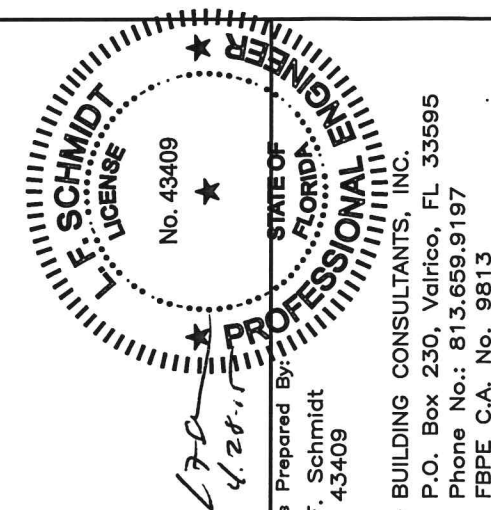
CONCRETE ANCHOR NOTES:

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"

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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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:	FRAME ANCHORING X BUCK MASONRY CONSTRUCTION

[illegible]

DATE: 02/16/12

SCALE: N.T.S.

DWG. BY: JK

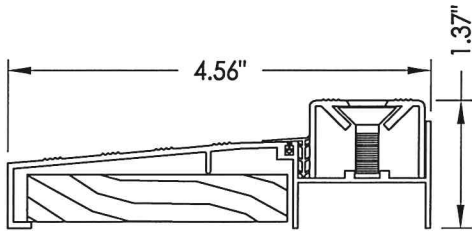
CHK. BY: LFS

DRAWING NO.:

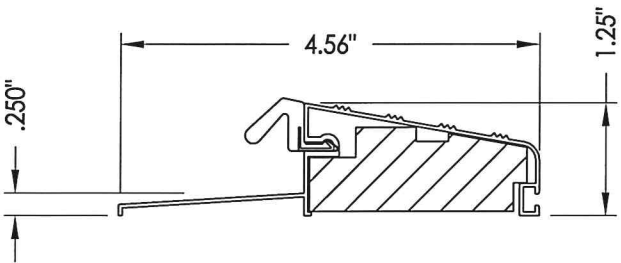
FL-15213.3

SHEET 8 OF 9

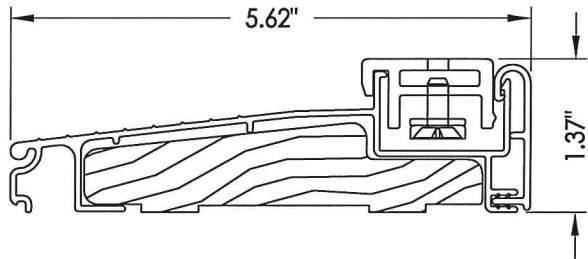
BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
1	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
2	1X BUCK SG >= 0.55	WOOD
3	2X BUCK SG >= 0.55	WOOD
4	1/4" MAX. SHIM SPACE	-
5	1/4" X 2-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
6	#10 x 2-1/2" PFH WOOD SCREW	STEEL
7	1/4" x 2-1/4" PFH ITW CONCRETE SCREW	STEEL
8	#9 x 3/4" PFH WOOD SCREW	STEEL
9	DOOR SKIN (MIN. 0.075" THICK)	FIBERGLASS
10	INSWING VINYL DOOR BOTTOM SWEEP BY ENDURA	VINYL
10A	VINYL DOOR BOTTOM SWEEP #3628 BY HOLM IND.	VINYL
11	REINFORCEMENT WOOD FOR LOCK	WOOD
12	FINGER JOINTED PINE FRAME, HEAD & HINGE JAMBS	WOOD
13	#9 x 2-1/4" PFH WOOD SCREW	STEEL
14	BOTTOM RAIL	CELLULAR PVC
15	INSWING ADJUSTABLE THRESHOLD BY ENDURA	ALUM. / WOOD
15A	INSWING ADJUSTABLE ALUMINUM THRESHOLD BY DLP	ALUM. / WOOD
16	FORCE 5 WEATHER STRIPPING BY ENDURA	FOAM
16A	COMPRESSION WEATHER STRIP QLON 650 BY SCHLEGEL	FOAM
17	KWIKSET KEYED ENTRY - SIGNATURE SERIES	STEEL
18	KWIKSET DEADBOLT - SIGNATURE SERIES (780)	STEEL
19	CONTINUOUS SIDELITE STILE REINF.	WOOD
20	POLYURETHANE FOAM BY NANYA	POLYURETHANE
21	4" x 4" BUTT HINGE	STEEL
22	#8 x 2" PFH WOOD SCREW	STEEL
24	HINGE & LATCH STILE	CELLULAR PVC
25	TOP RAIL	CELLULAR PVC
26	SIDELITE STILE	CELLULAR PVC
27	STRIKE PLATE	STEEL
28	OUTSWING BUMP THRESHOLD	ALUM. / WOOD
29	DEADBOLT STRIKE PLATE	STEEL
30	SNAP IN LITE FRAME	ABS
31	#9 x 1" PFH WOOD SCREW	STEEL
32	1/4" X 3-3/4" PFH ITW CONCRETE SCREW	STEEL
33	SIDELITE TOP & BOTTOM RAIL	CELLULAR PVC
34	SHOE MOULD 5/8" x 3/8"	WOOD
35	GLAZING COMPOUND	SILICONE
36	GLAZING SPACER	ALUM.
37	SEALANT	SILICONE
38	#9 x 2" PFH WOOD SCREW	STEEL
39	SIDELITE SPACER	PVC
40	HINGE & LATCH STILE REINFORCEMENT	LVL
43	1/4" x 2-3/4" PFH ITW CONCRETE SCREW	STEEL
50	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
60	SIDELITE PANEL - SEE DOOR PANEL DETAIL SHEET 3	-



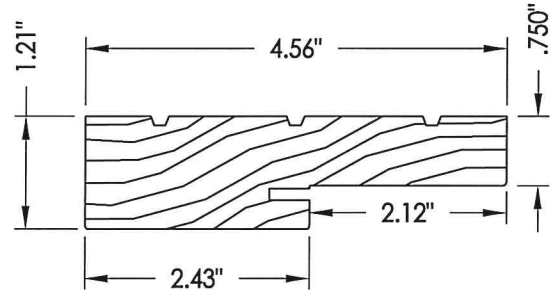
15A ADJUSTABLE INSWING SILL



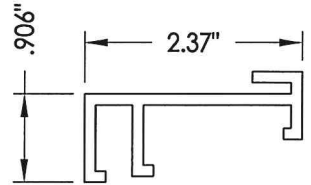
28 OUTSWING BUMP THRESHOLD



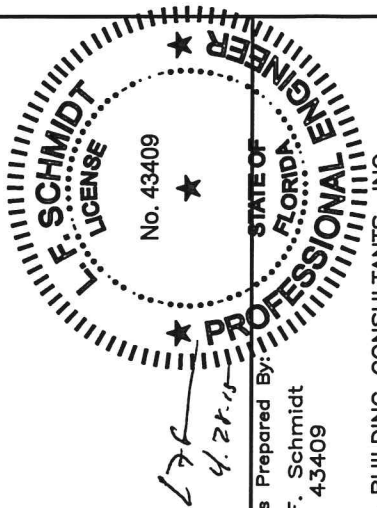
15 ADJUSTABLE INSWING SILL



12 JAMB



39 SIDELITE SPACER



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FBPE C.A. No. 9813

PRODUCT:		PLASTPRO INC. FIBERGLASS DOOR	
PART OR ASSEMBLY:		BILL OF MATERIALS AND COMPONENTS	
NO.	DATE	JK	BY
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC	
REVISIONS			
DATE: 02/16/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15213.3			
SHEET 9 OF 9			