



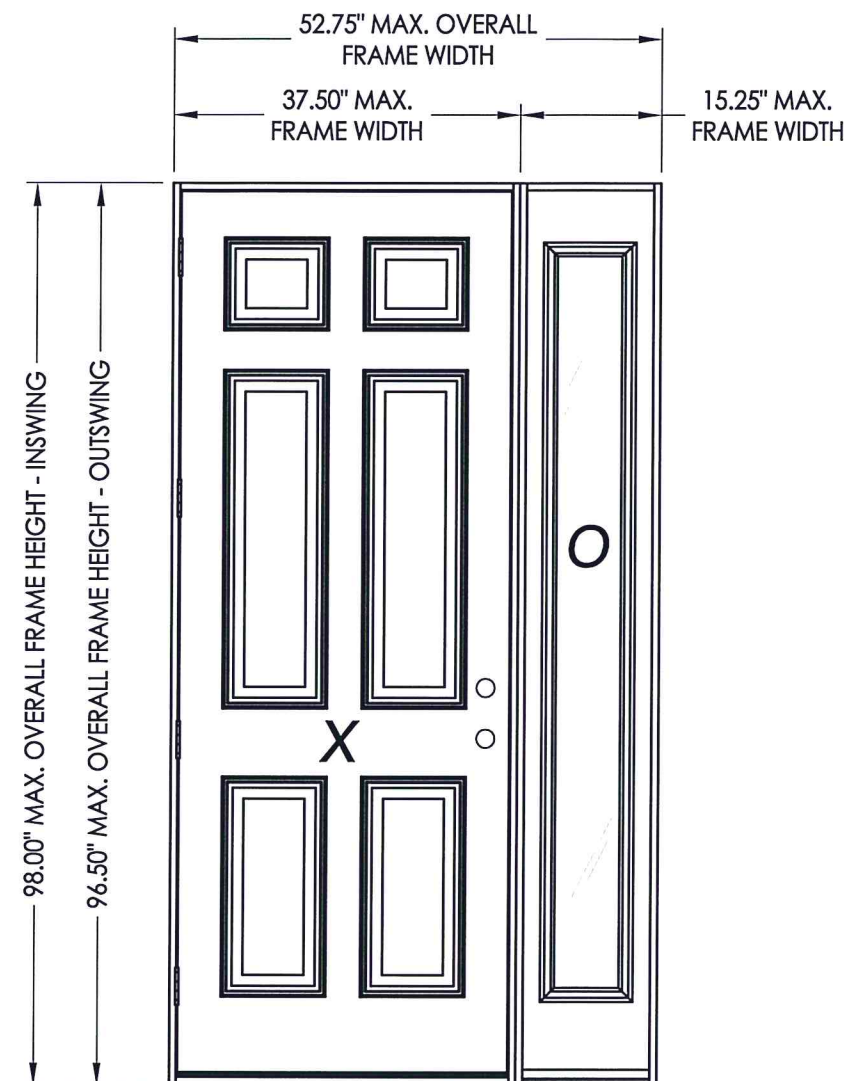
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

Smooth / Wood Grain / White Wood Grain
Rustic / Mahogany
Series N Fiberglass Door
INSWING / OUTSWING
"IMPACT"

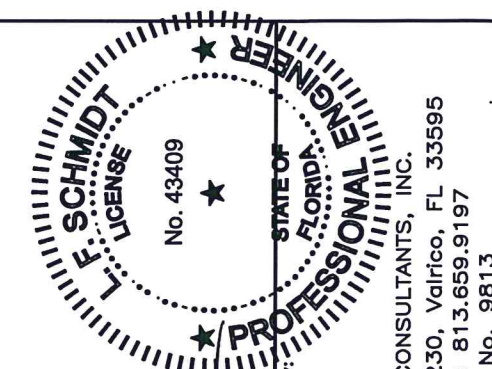
GENERAL NOTES

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 E 1996 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 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.

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 details & components



SWING	OVERALL FRAME DIMENSION	SIDELITE D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
INSWING	52.75" x 98.00"	7.00" x 79.00"	G1	+42.0	-48.0
OUTSWING	52.75" x 96.50"	7.00" x 79.00"		+40.0	-40.0



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
FRPE C.A. No. 9813

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

[illegible]

DATE: 02/16/12

SCALE: *N.T.S.*

DWG. BY: JK

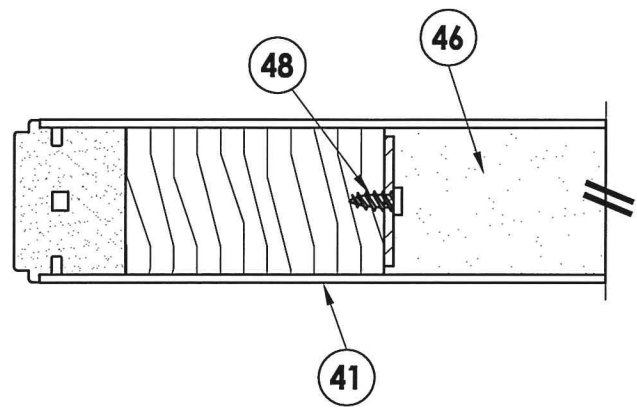
CHK. BY: LFS

DRAWING NO.:

FL-15213.21

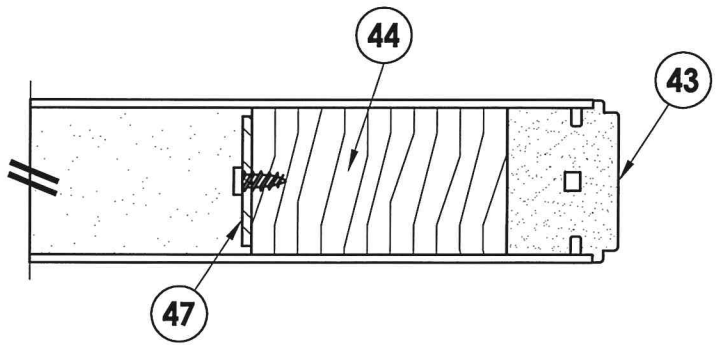
SHEET 1 OF 9

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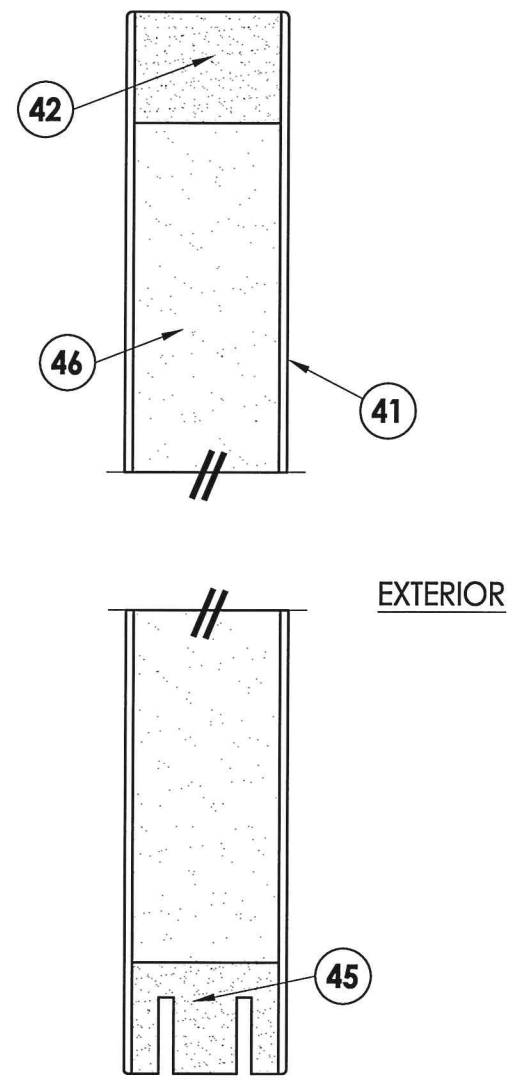
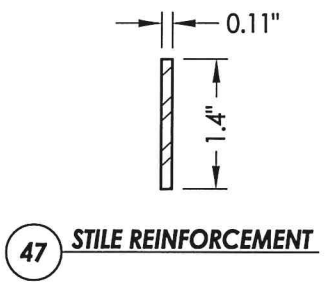
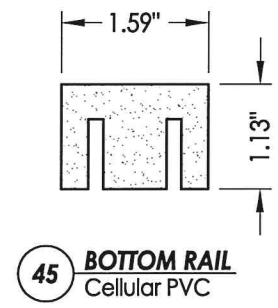
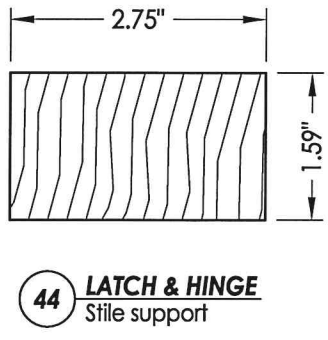
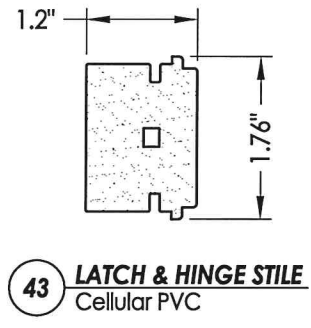
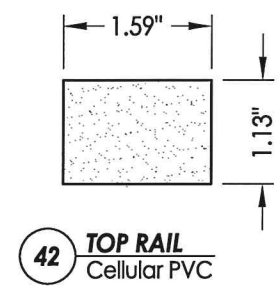
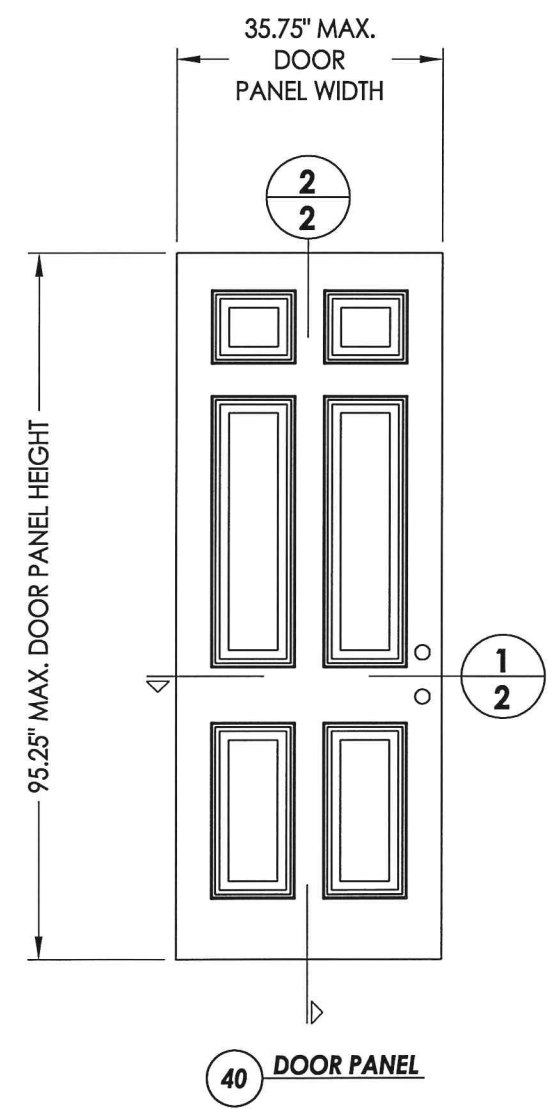


INTERIOR

EXTERIOR



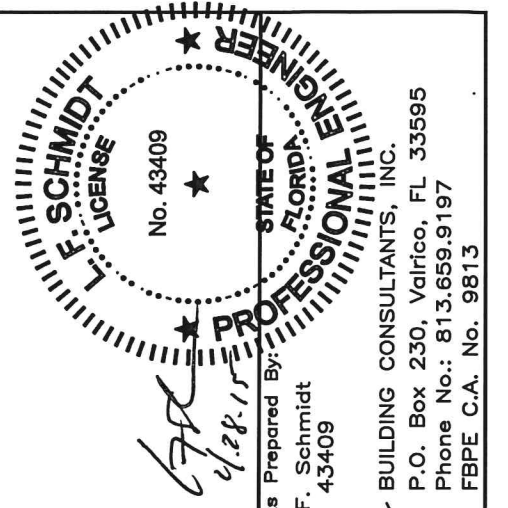
1
2 **HORIZONTAL CROSS SECTION**



INTERIOR

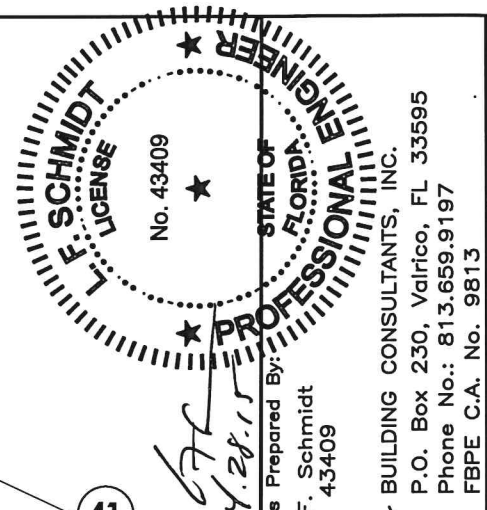
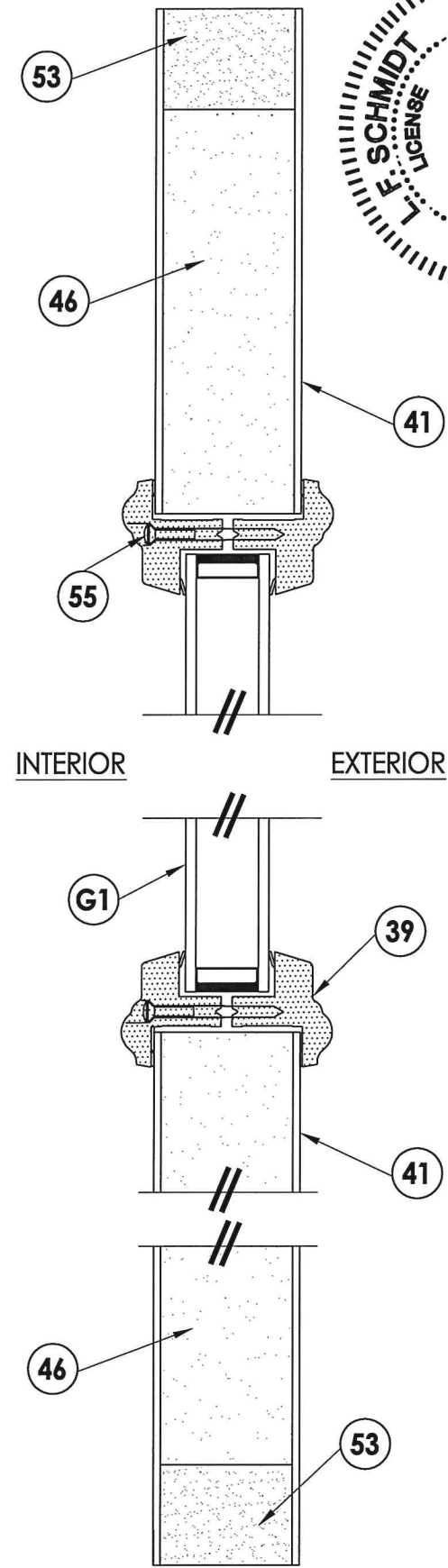
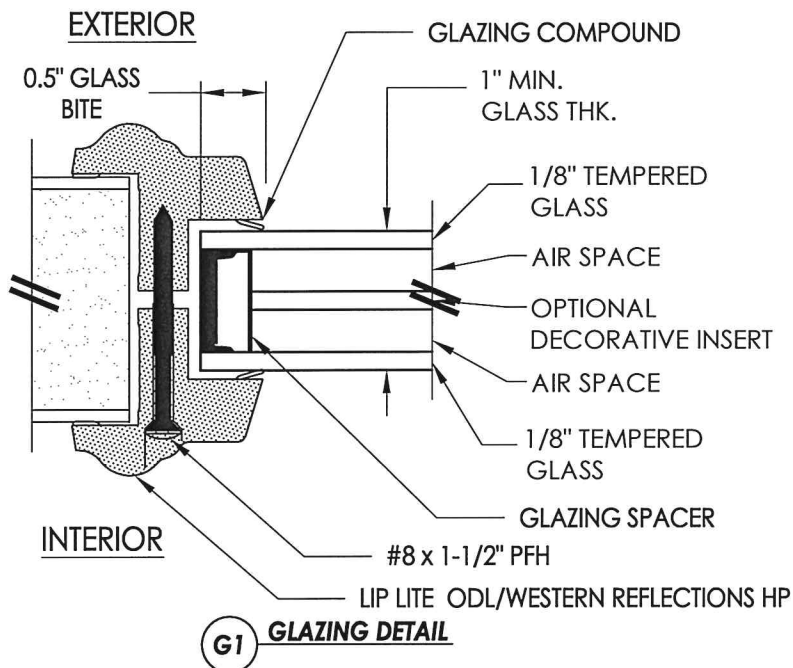
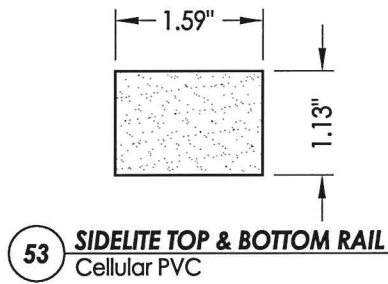
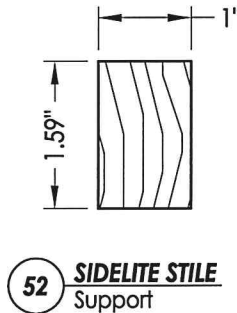
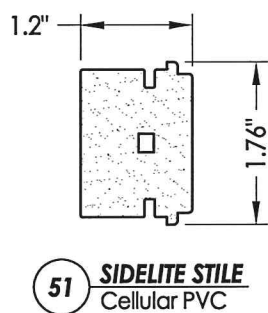
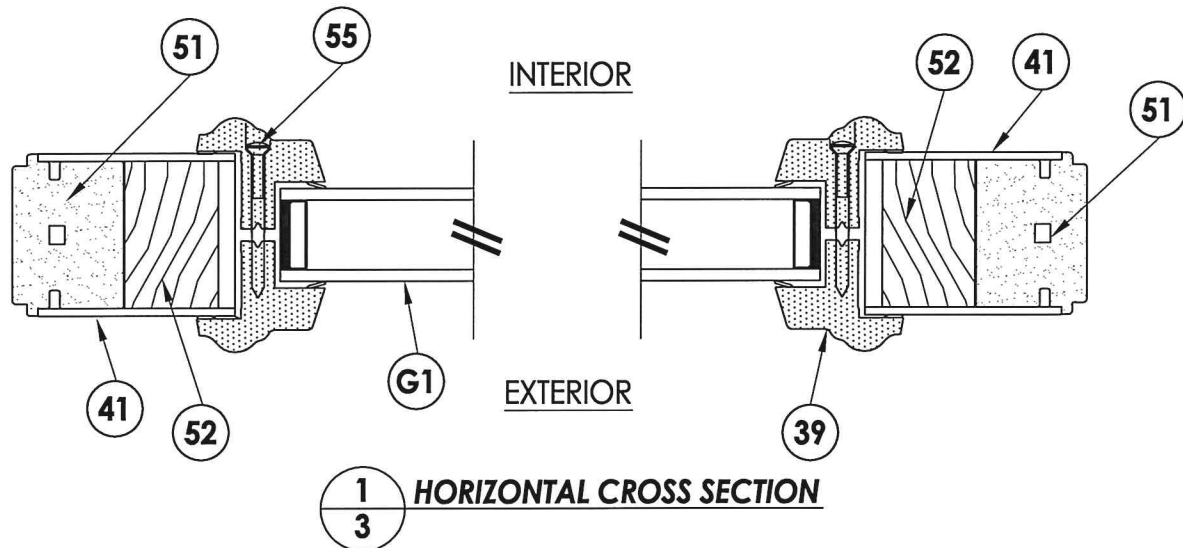
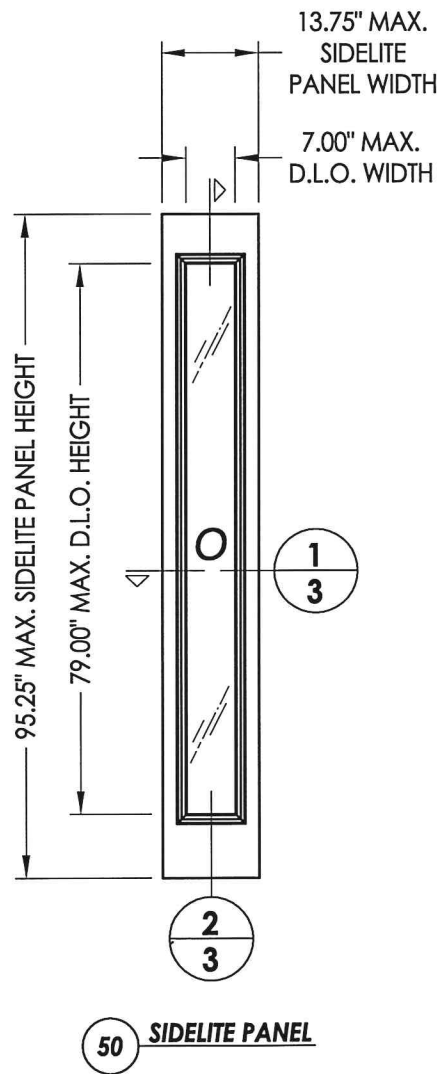
EXTERIOR

2
2 **VERTICAL CROSS SECTION**



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

PRODUCT:		PLASTPRO INC. FIBERGLASS DOOR	
PART OR ASSEMBLY:		DOOR PANEL DETAILS	
DATE:		02/16/12	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-15213.21	
SHEET		2 OF 9	
NO.		1	
DATE		04/22/15	
REVISIONS		UPDATE TO 5TH ED. (2014) FBC	
BY		JK	



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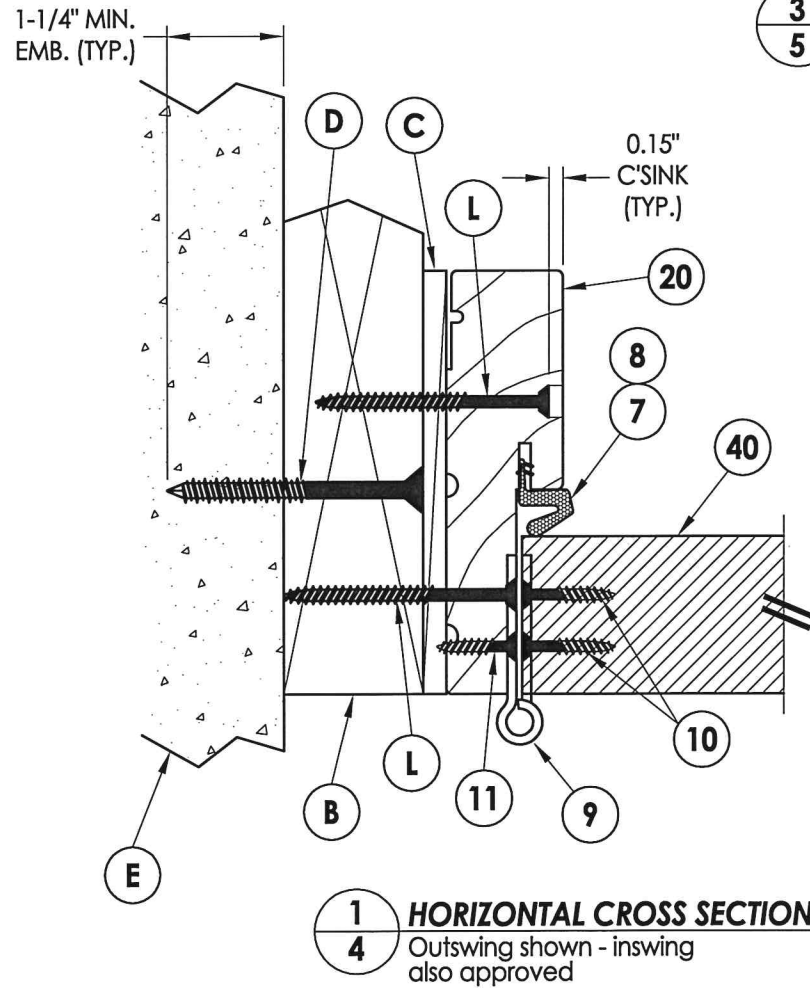
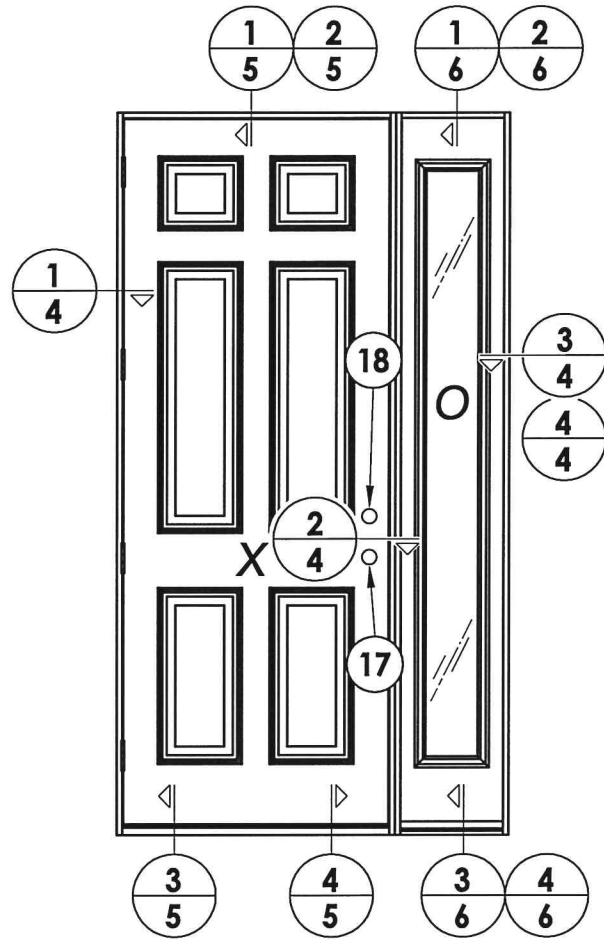
R.W. BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE C.A. No. 9813

PRODUCT:		PLASTPRO INC. FIBERGLASS DOOR	
PART OR ASSEMBLY:		SIDELITE PANEL DETAILS	
DATE:	9/5/08	NO.	DATE
SCALE:	N.T.S.	1	04/22/15
DWG. BY:	JK	UPDATE TO 5TH ED. (2014)	FBC
CHK. BY:	LFS	NO.	DATE
DRAWING NO.:	FL-15213.21	1	04/22/15
SHEET	3 OF 9	NO.	DATE

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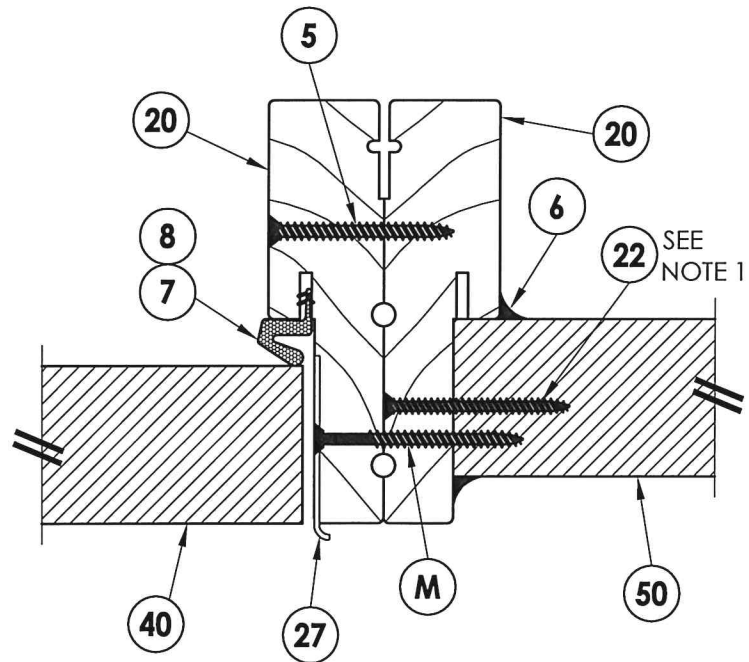
NOTE:

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



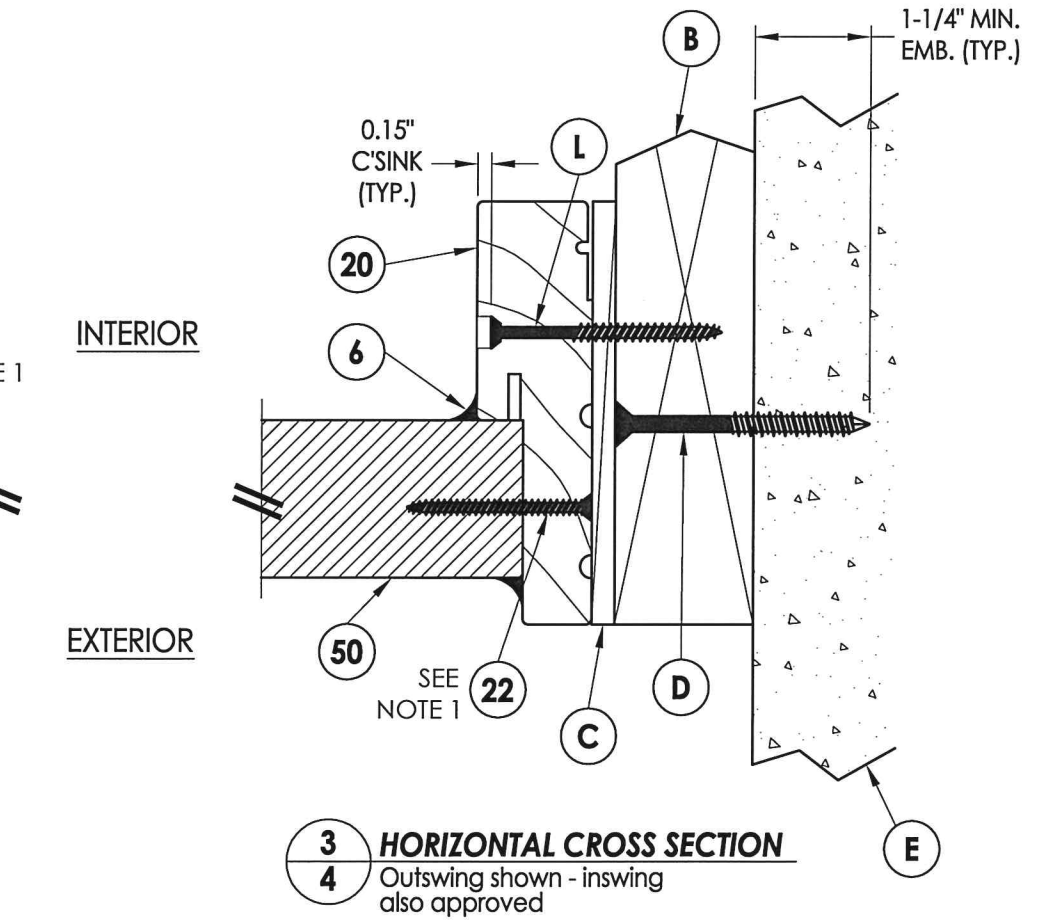
1 **HORIZONTAL CROSS SECTION**

4 Outswing shown - inswing also approved

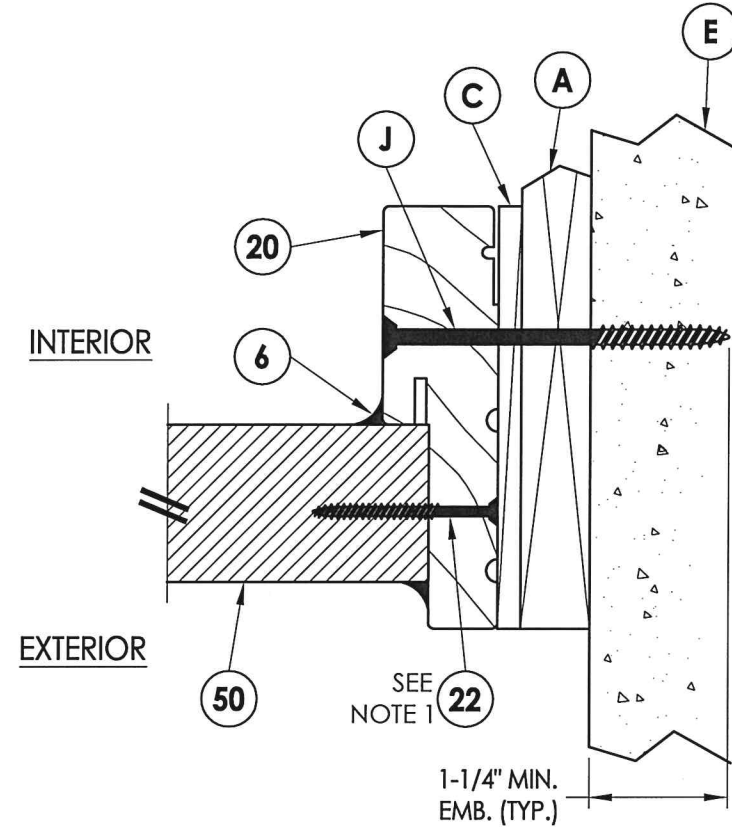


2 HORIZONTAL CROSS SECTION

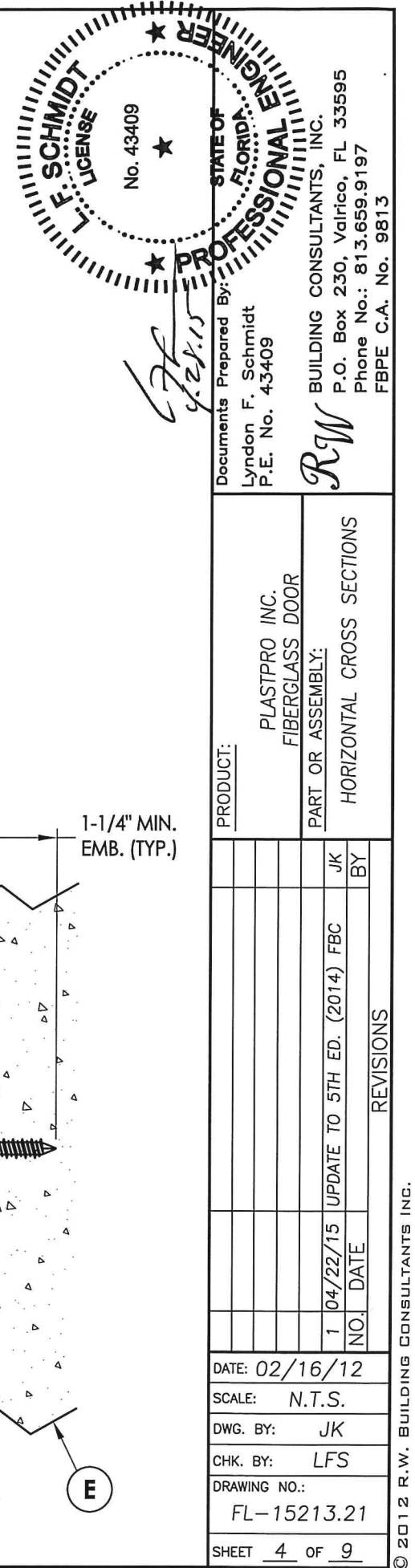
4 Outswing shown - inswing also approved

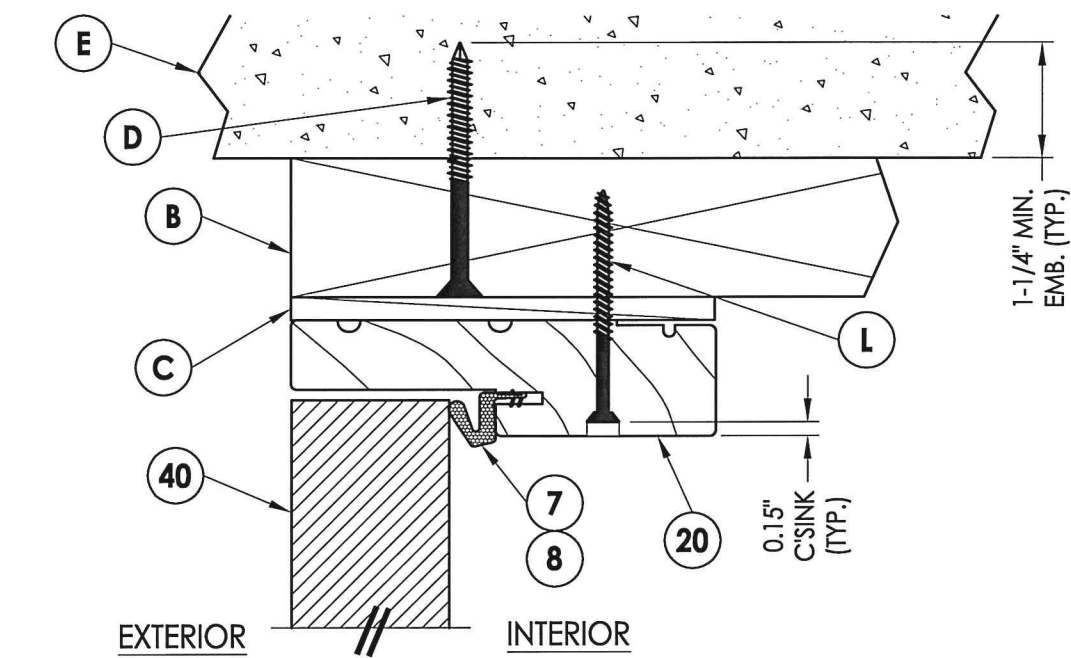


3 HORIZONTAL CROSS SECTION
4 Outswing shown - inswing
 also approved

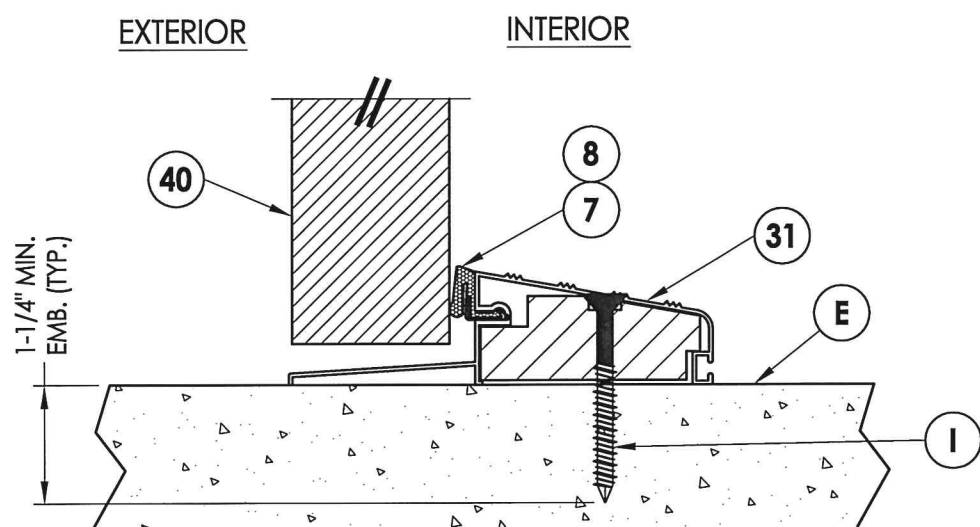


4 HORIZONTAL CROSS SECTION
4 Shown w/1X sub-buck

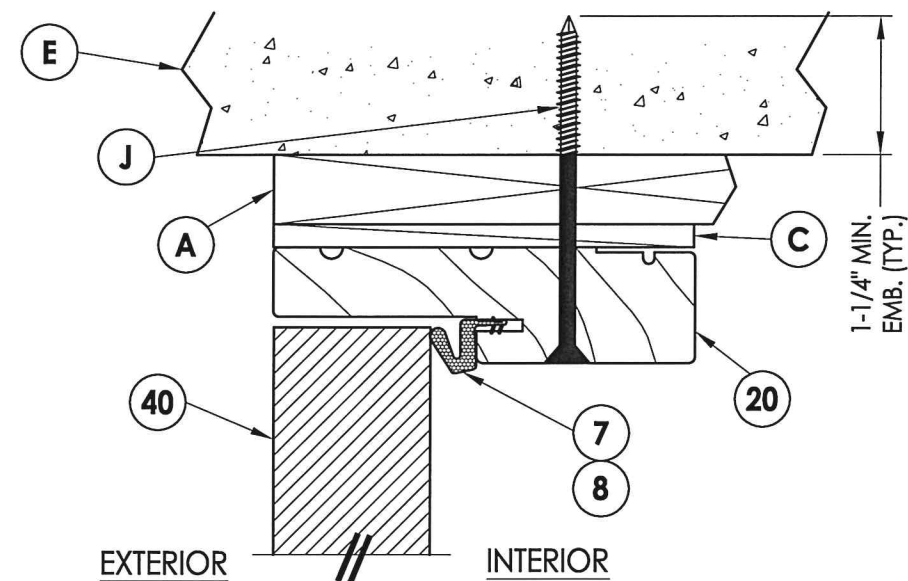




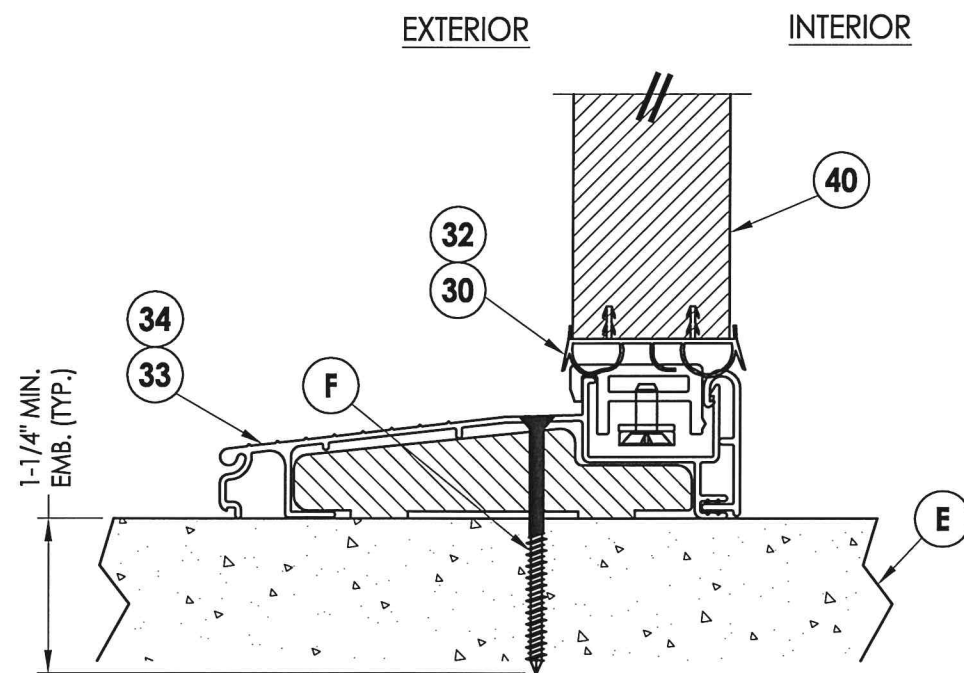
1 **VERTICAL CROSS SECTION**
5 Outswing shown - inswing
also approved



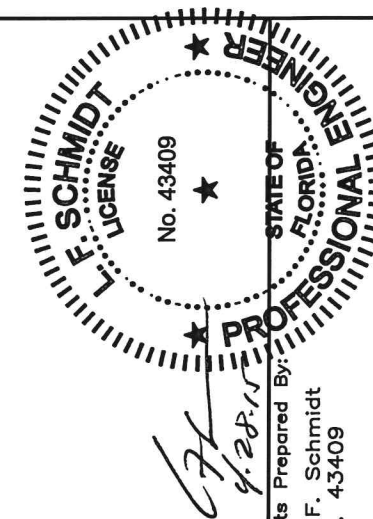
3 VERTICAL CROSS SECTION
5 Outswing configuration



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



4 VERTICAL CROSS SECTION
5 Inswing configuration

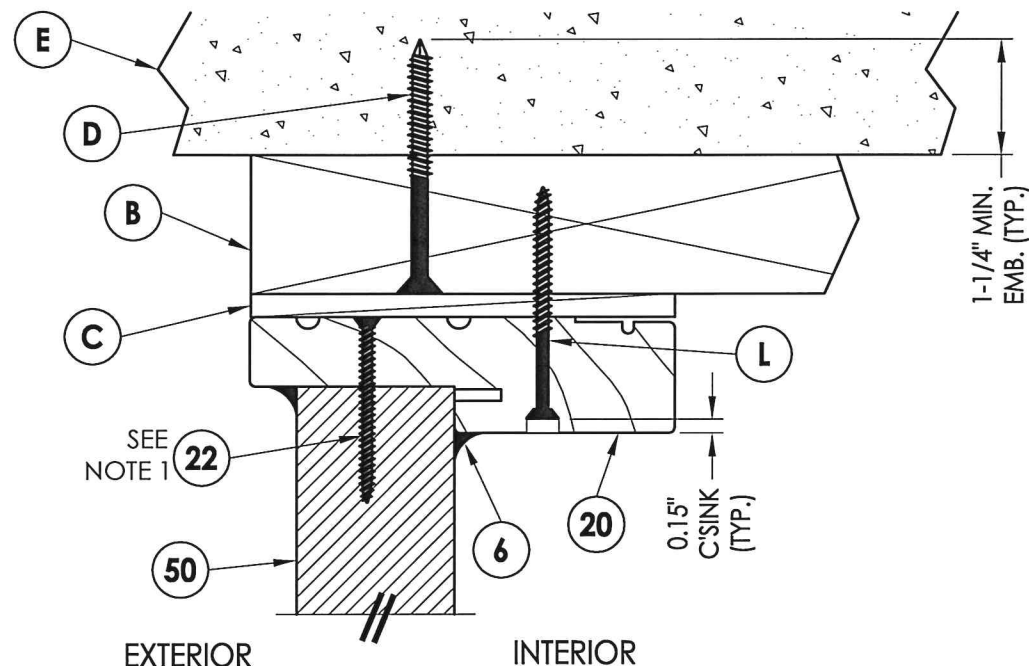


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Lyndon F. Schmidt
P.E. No. 43409

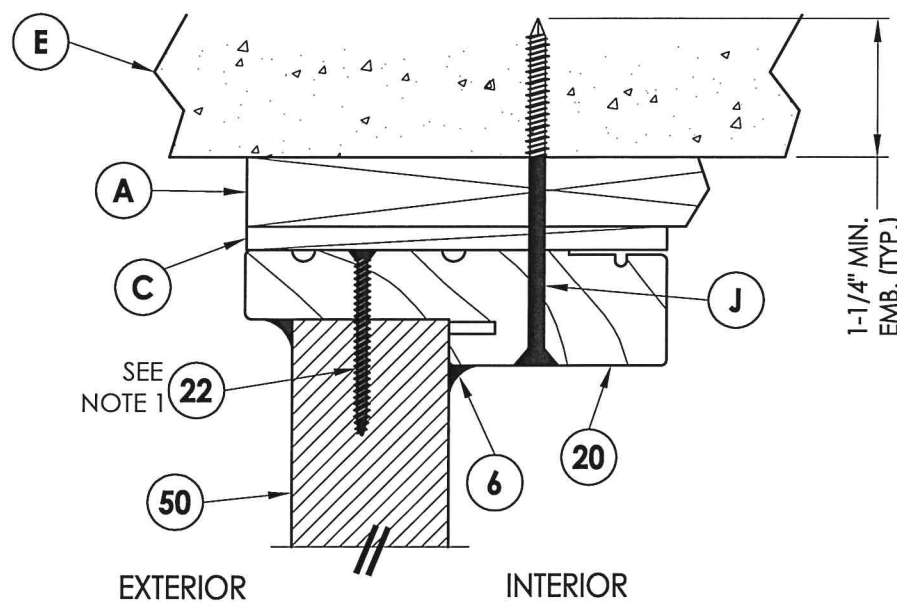


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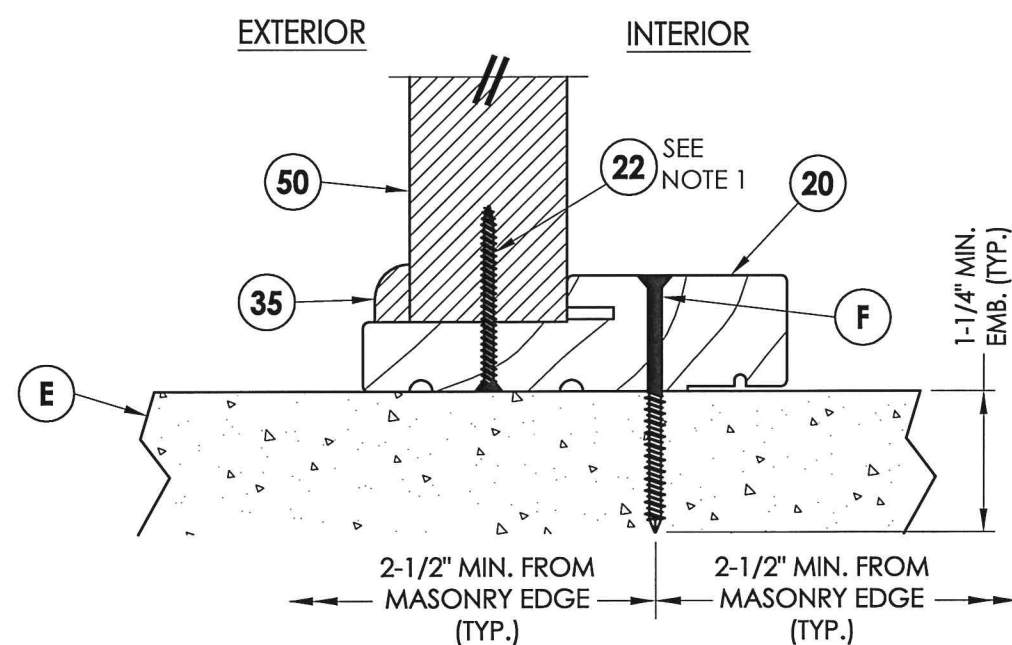


1 VERTICAL CROSS SECTION
 6 Outswing shown - inswing also approved

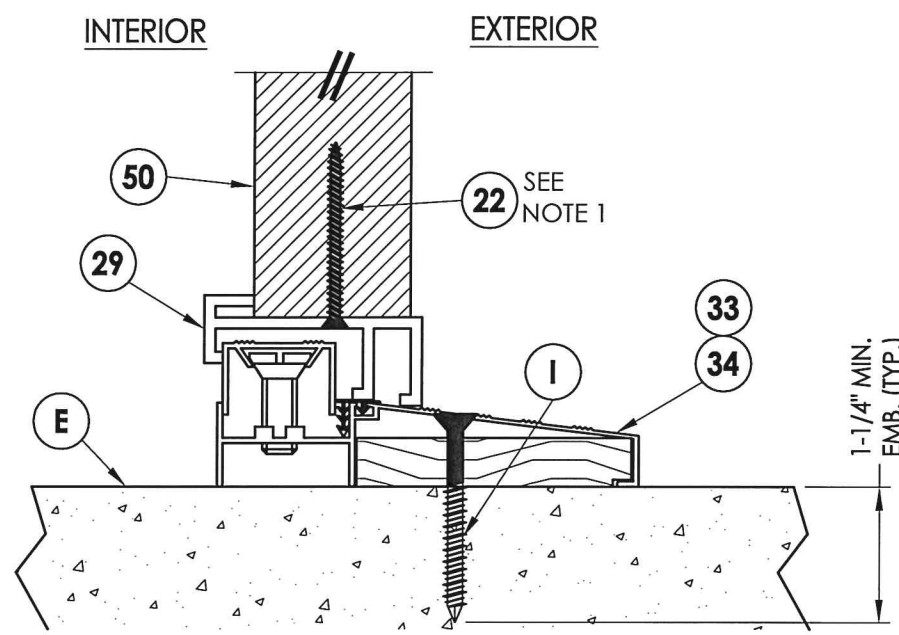


2 VERTICAL CROSS SECTION
 6 Shown w/1X sub-buck

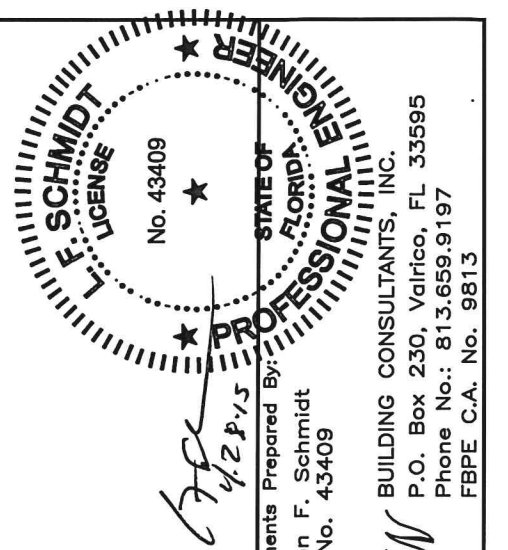
NOTE:
 1. Sidelite panel secured to the sidelite frame with (6) of item #22 located 5", 22.05", 39.10", 56.15", 73.2", & 90.25" from top of each jamb and (2) of item #22 in the head and sill 3" from each end



3 VERTICAL CROSS SECTION
 6 Outswing configuration



4 VERTICAL CROSS SECTION
 6 Inswing configuration



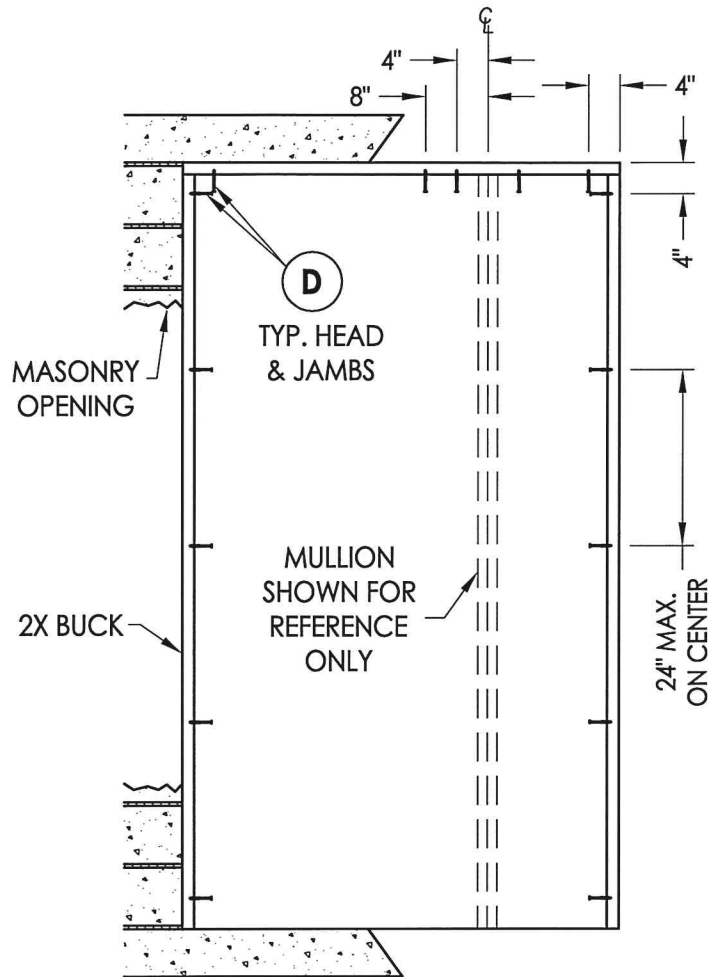
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 Lyndon F. Schmidt
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 BUILDING CONSULTANTS, INC.
 P.O. Box 230, Valrico, FL 33595
 Phone No.: 813.659.9197
 FBPE C.A. No. 9813

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

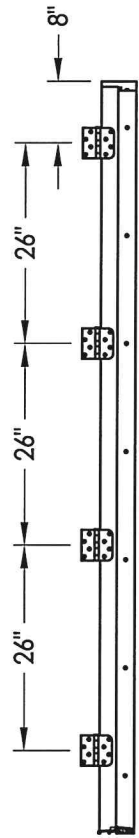
NO.	DATE	REVISIONS
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC
JK	BY	

DATE:	02/16/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15213.21
SHEET	6 OF 9

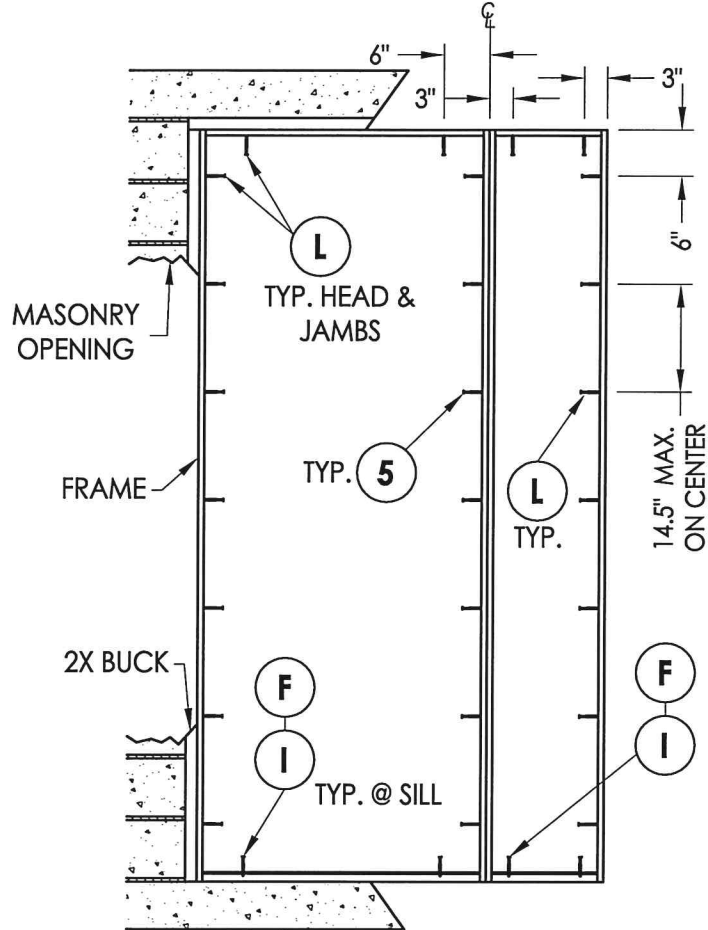
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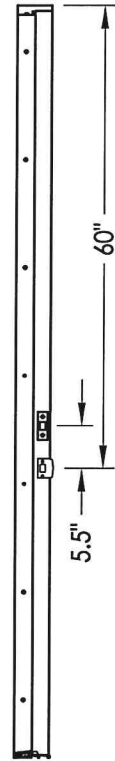
BUCK ANCHORING



HINGE JAMB



FRAME ANCHORING
Masonry 2X buck construction



STRIKE JAMB

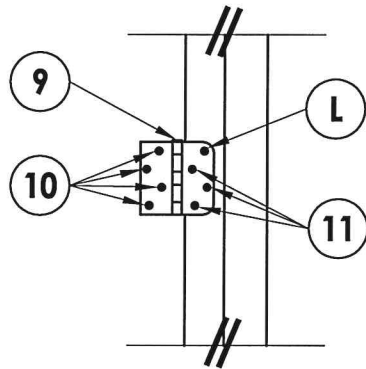
CONCRETE ANCHOR NOTES:

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:

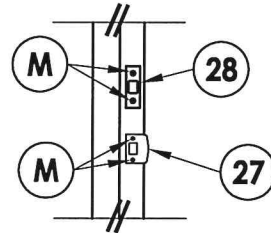
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
ELCO ULTRACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

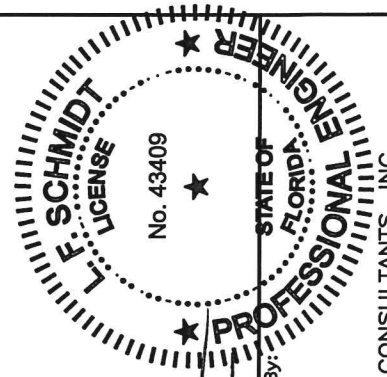
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



HINGE DETAIL



LATCH & DEADBOLT DETAIL



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

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR
PART OR ASSEMBLY:
BUCK & FRAME ANCHORING 2X
BUCK MASONRY CONSTRUCTION

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

DATE: 02/16/12

SCALE: N.T.S.

DWG. BY: JK

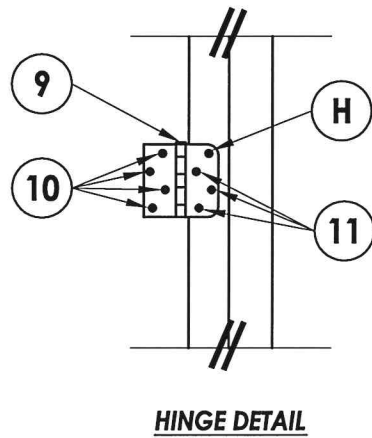
CHK. BY: LFS

DRAWING NO.: FL-15213.21

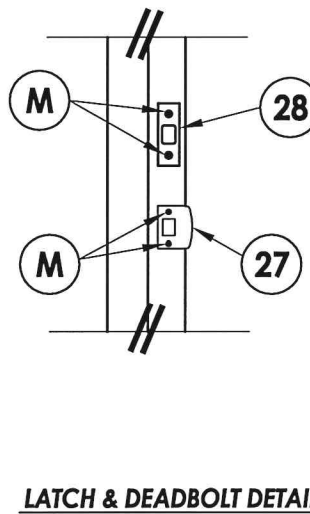
SHEET 7 OF 9

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P.O. Box 230, Valrico, FL 33595
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FBPE C.A. No. 9813

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HINGE DETAIL



LATCH & DEADBOLT DETAIL

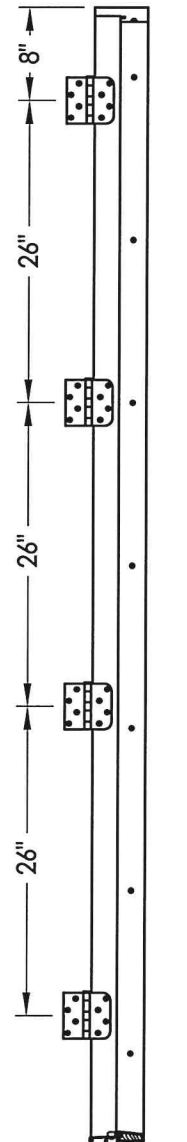
CONCRETE ANCHOR NOTES:

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:

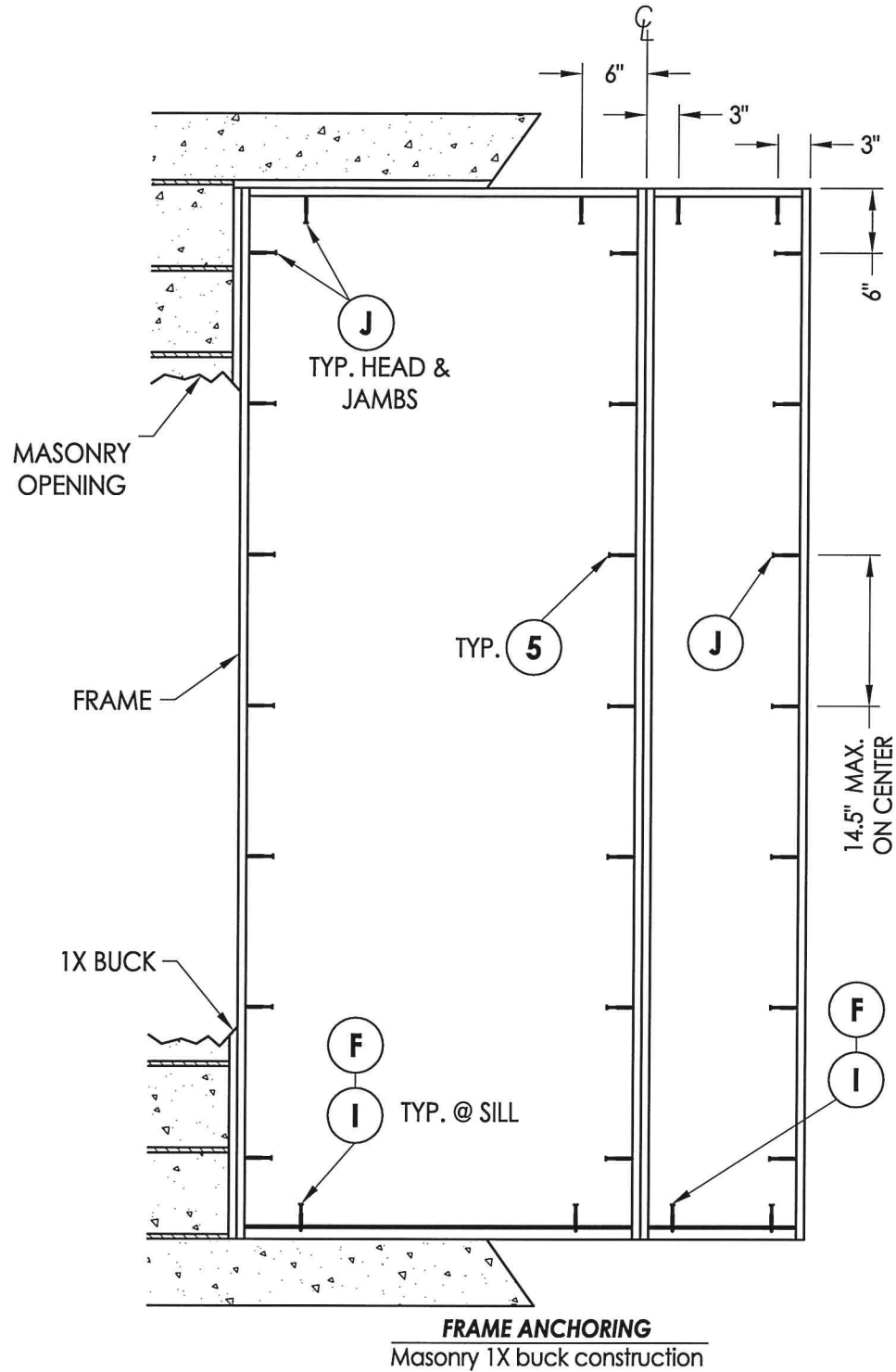
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"

WOOD SCREW INSTALLATION NOTES:

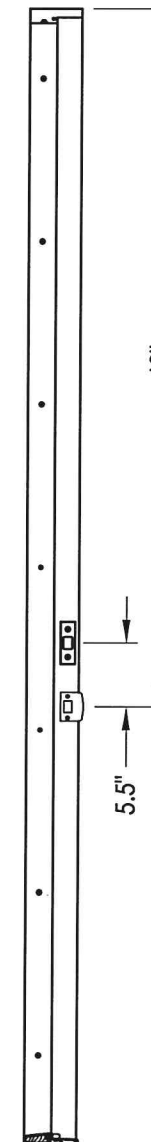
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



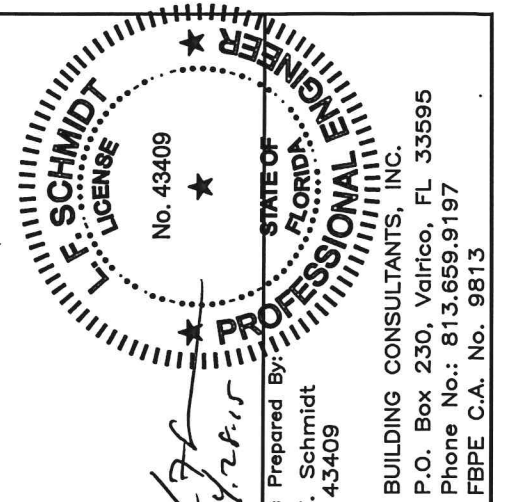
HINGE JAMB



FRAME ANCHORING
Masonry 1X buck construction



STRIKE JAMB



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

R²W
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 1X BUCK
MASONRY CONSTRUCTION

[illegible]

DATE: 02/16/12

SCALE: N.T.S.

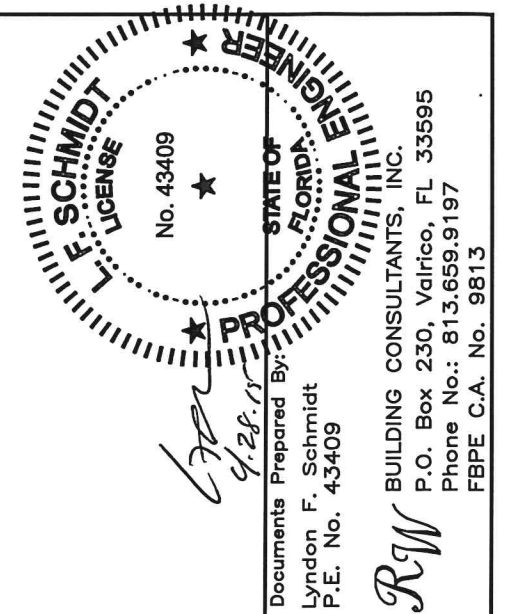
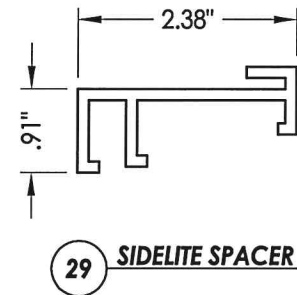
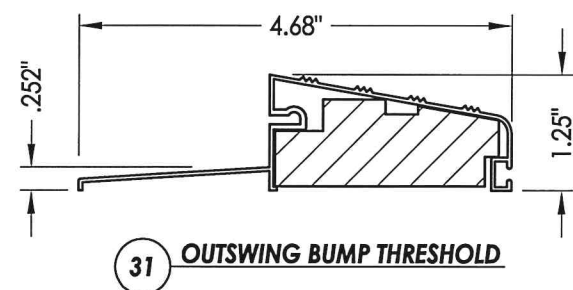
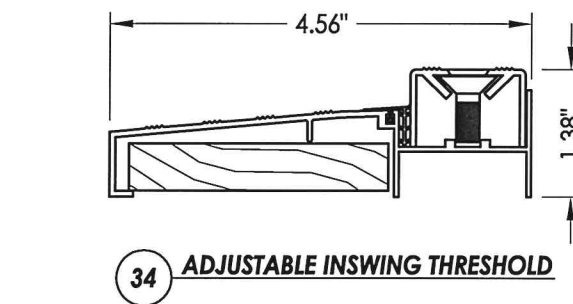
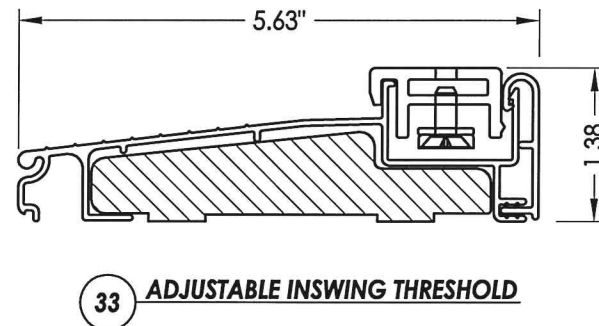
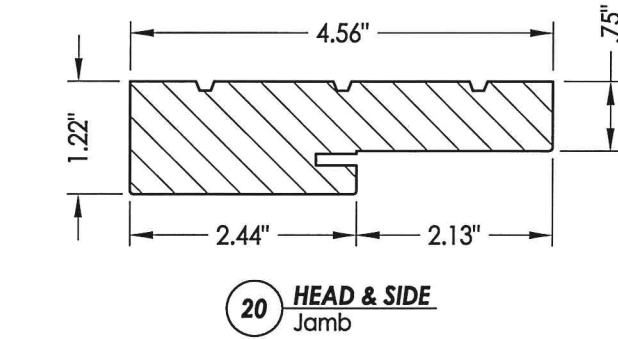
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15213.21

SHEET 8 OF 9

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
H	1/4" x 3-1/4" 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	FORCE 5 WEATHER STRIPPING BY ENDURA	FOAM
8	COMPRESSION WEATHER STRIP QLON 650 BY SCHLEGEL	FOAM
9	4" X 4" BUTT HINGE	STEEL
10	#9 X 1" PFH WOOD SCREW	STEEL
11	#9 X 3/4" 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 SCREW	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT PLATE	STEEL
29	SIDELITE SPACER	PVC
30	INSWING VINYL DOOR BOTTOM SWEEP BY ENDURA	VINYL
31	OUTSWING BUMP THRESHOLD	ALUM. / WOOD
32	VINYL DOOR BOTTOM SWEEP #3628 BY HOLM. IND.	VINYL
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	LIP LITE ODL/WESTERN REFLECTIONS HP	POLYPROPYLENE
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
41	DOOR SKIN (MIN. 0.086" THICK)	FIBERGLASS
42	TOP RAIL	CELLULAR PVC
43	LATCH & HINGE STILE EDGE	CELLULAR PVC
44	LATCH AND HINGE STILE SUPPORT	WOOD
45	BOTTOM RAIL	CELLULAR PVC
46	POLYURETHANE FOAM BY NAN YA	POLYURETHANE
47	STILE REINFORCEMENT	STEEL
48	REINFORCEMENT RETAINING SCREW	NYLON
49	GLAZING COMPOUND	SILICONE
50	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
51	SIDELITE STILE EDGE	CELLULAR PVC
52	SIDELITE STILE SUPPORT	WOOD
53	SIDELITE TOP & BOTTOM RAIL	CELLULAR PVC
55	#8 x 1-1/2" PFH LITE FRAME SCREW	STEEL

[illegible]