

plastpro

5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

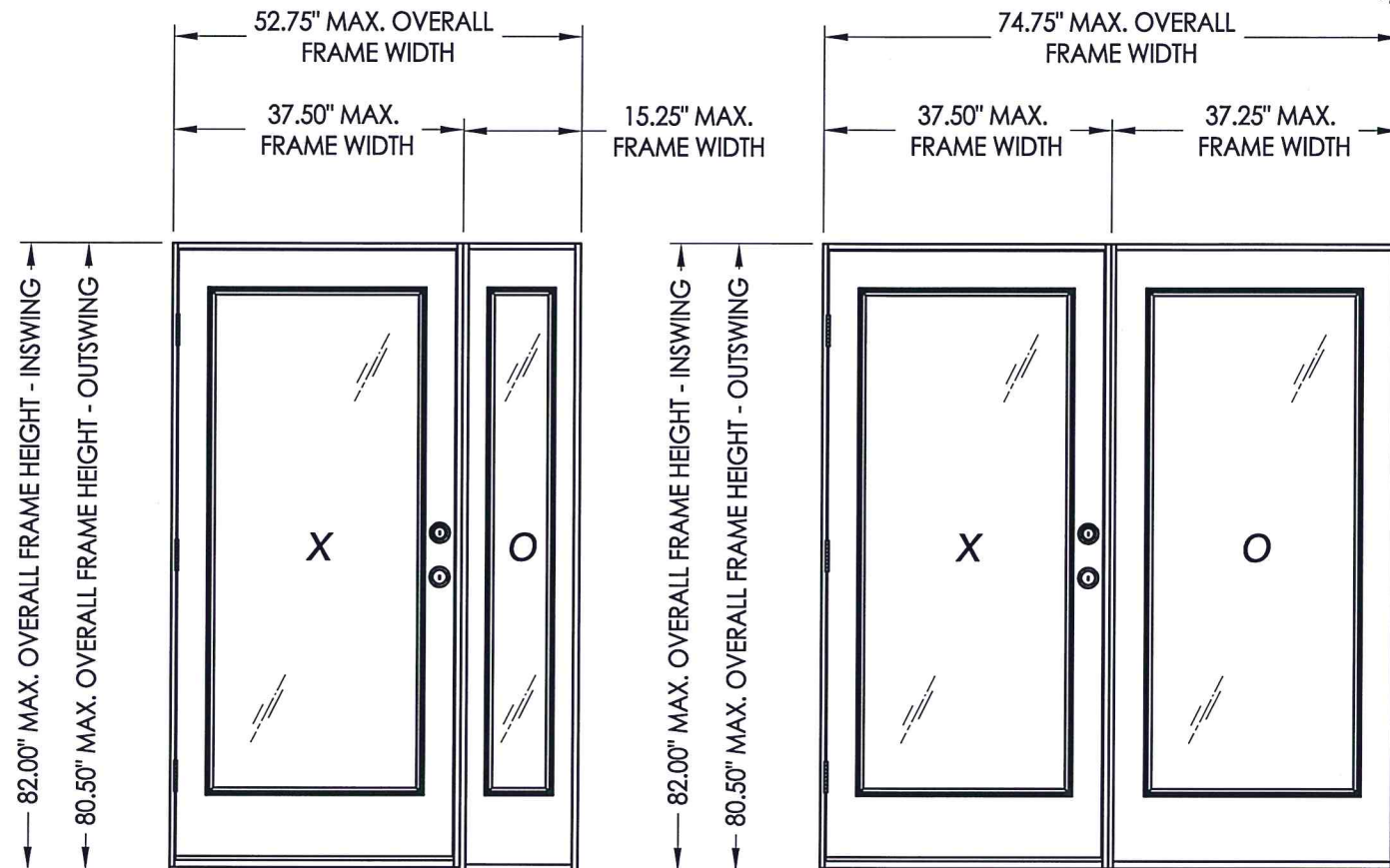
ONELITE SERIES
FLUSH GLAZED FIBERGLASS DOOR
w/ SIDELITE
INSWING / OUTSWING
"IMPACT"

GENERAL NOTES

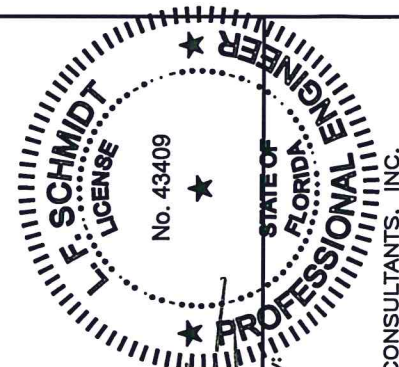
1. This product has been evaluated and is in compliance with the 5th Edition (2014) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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.

TABLE OF CONTENTS

SHEET #	DESCRIPTION
1	Typical elevation, design pressures, & general notes
2	Door/Sidelite panel details
3	Sidelite panel details
4	Elevations
5	Horizontal cross section
6	Vertical cross sections
7	Vertical cross sections
8	Buck anchoring
9	Frame anchoring
10	Frame anchoring
11	Bill of materials and components



SWING	OVERALL FRAME DIMENSION	DOOR D.L.O. DIMENSION	SIDELITE D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
					POSITIVE	NEGATIVE
INSWING	52.75" x 82.00"	26.25" x 65.93"	7.00" x 65.93"	G1	+50.0	-50.0
OUTSWING	52.75" x 80.50"	26.25" x 65.93"	7.00" x 65.93"		+50.0	-50.0
INSWING	74.75" x 82.00"	26.25" x 65.93"	26.25" x 65.93"		+50.0	-50.0
OUTSWING	74.75" x 80.50"	26.25" x 65.93"	26.25" x 65.93"		+50.0	-50.0



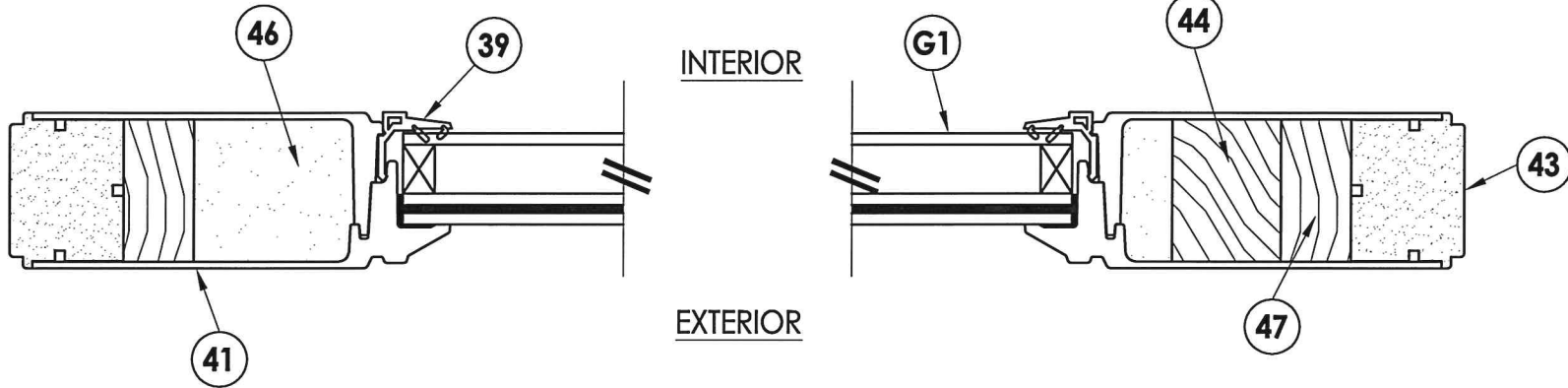
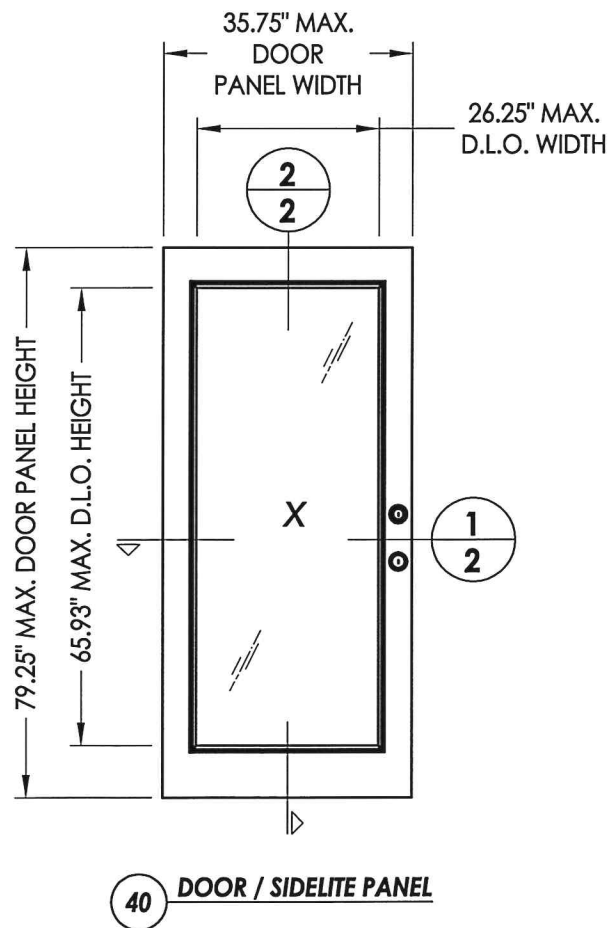
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

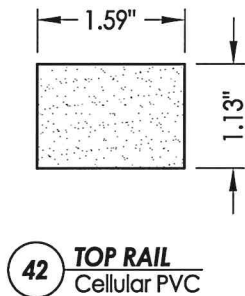
PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR
PART OR ASSEMBLY:
TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

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

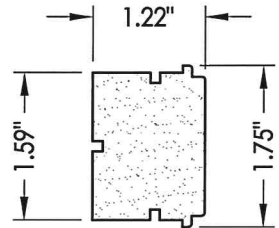
DATE: 02/15/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-15215.12
SHEET 1 OF 11



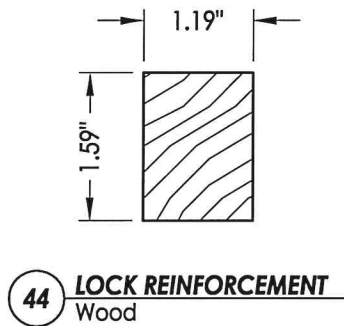
1
2 HORIZONTAL CROSS SECTION



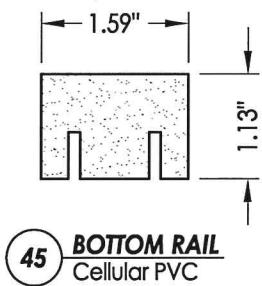
42 TOP RAIL
Cellular PVC



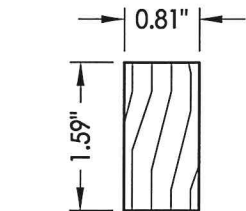
43 LATCH & HINGE STILE
Cellular PVC



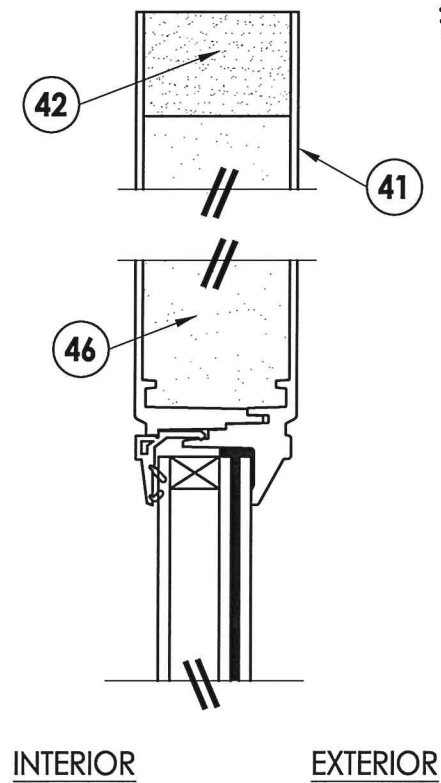
44 LOCK REINFORCEMENT
Wood



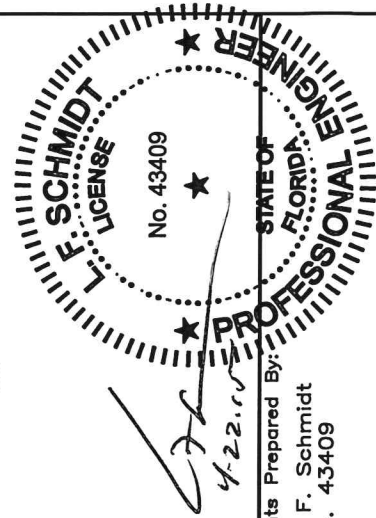
45 BOTTOM RAIL
Cellular PVC



47 LATCH & HINGE STILE
Wood reinforcement



2
2 VERTICAL CROSS SECTION



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PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR/ SIDELITE
PANEL DETAILS

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

DATE: 02/15/12

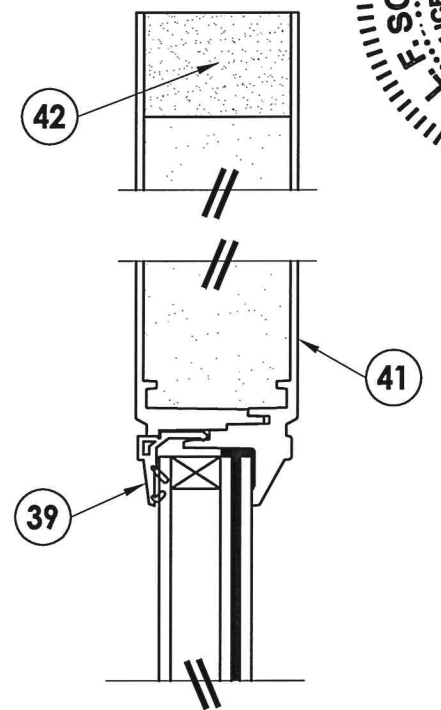
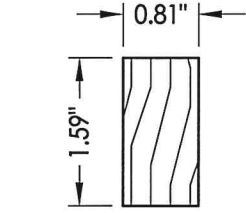
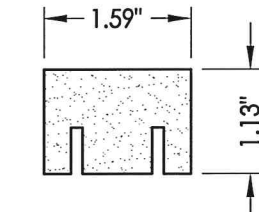
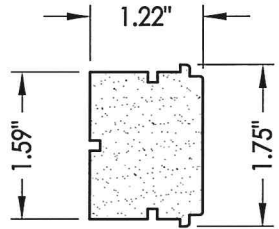
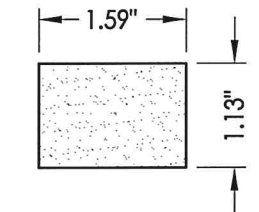
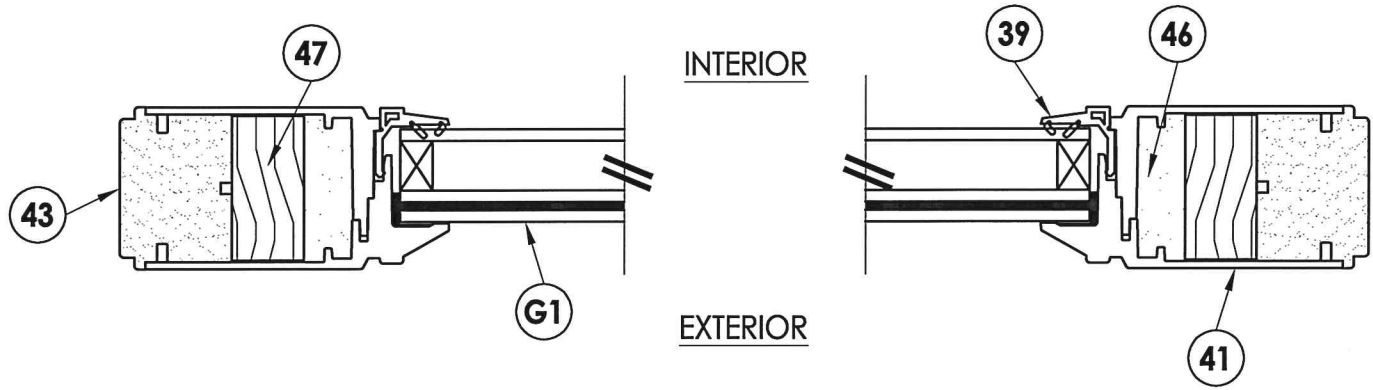
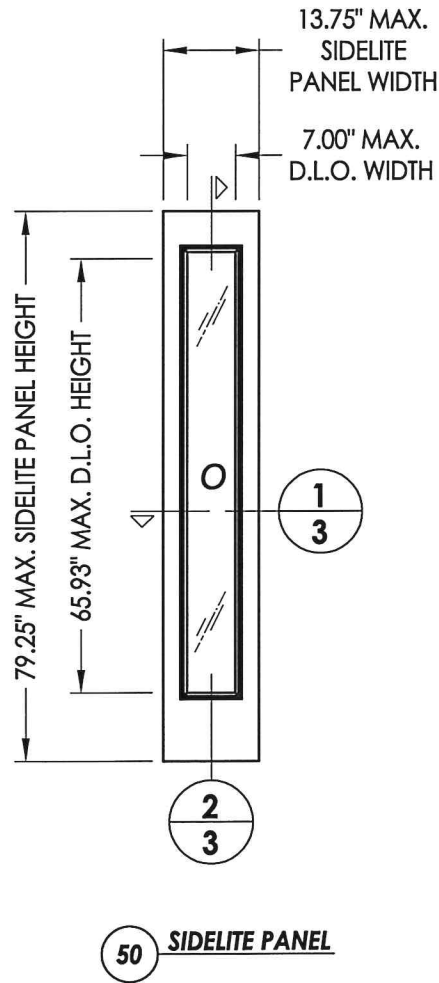
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DWG. BY: JK

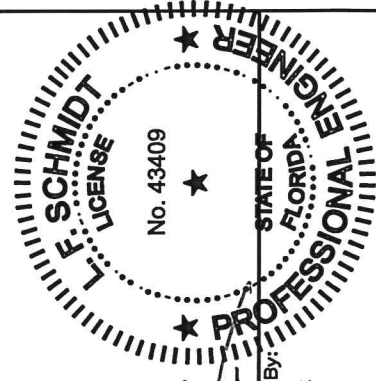
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DRAWING NO.: FL-15215.12

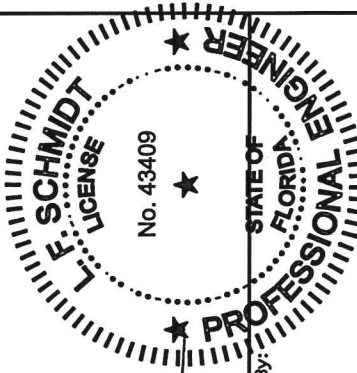
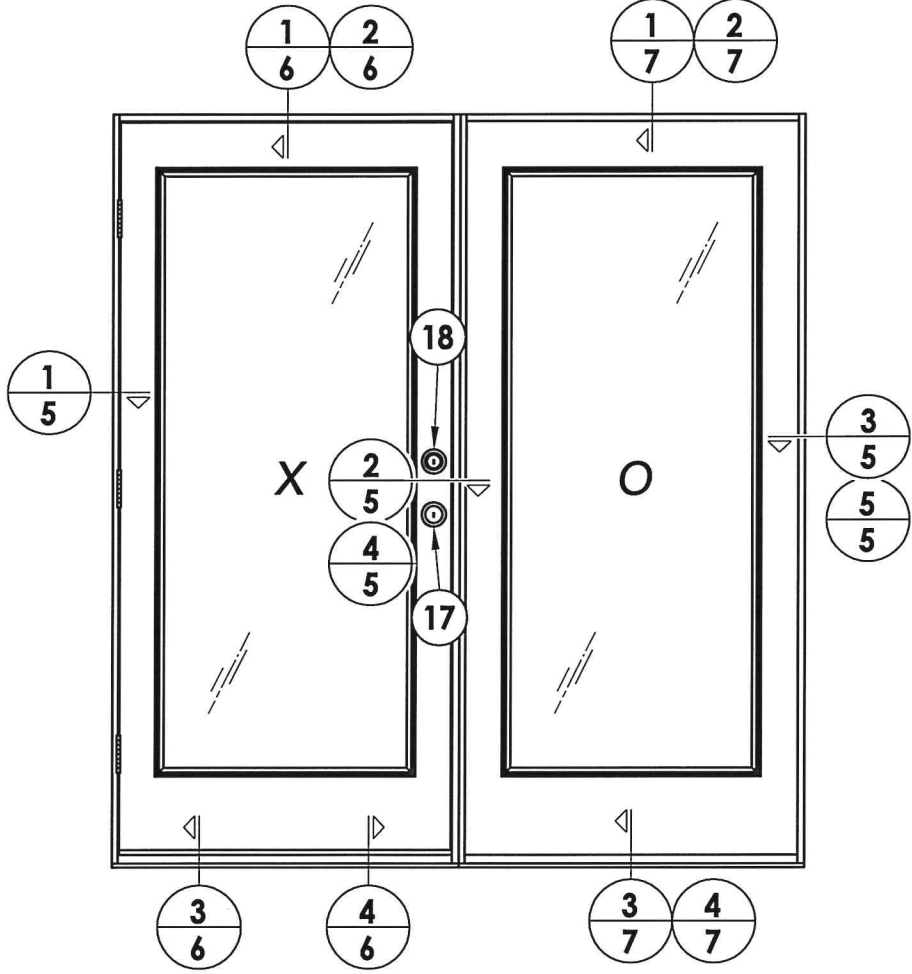
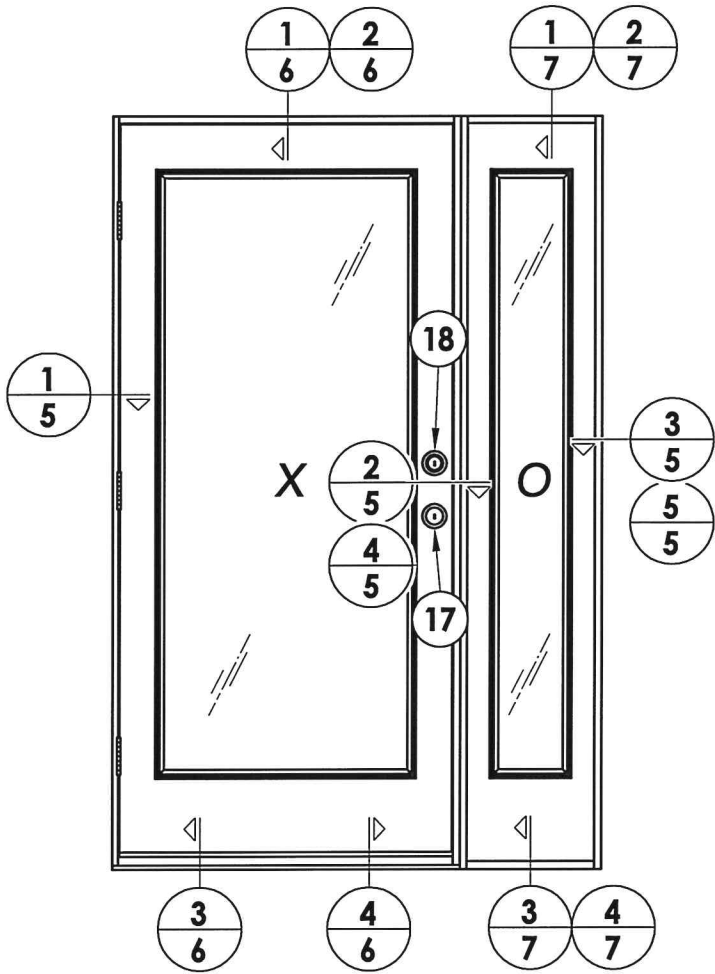
SHEET 2 OF 11



PRODUCT: PLASTPRO INC. FIBERGLASS DOOR		PART OR ASSEMBLY: SIDELITE PANEL DETAILS	
		JK	RW
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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-15215.12			
SHEET 3 OF 11			



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9.22.15
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17pc
4.22.15

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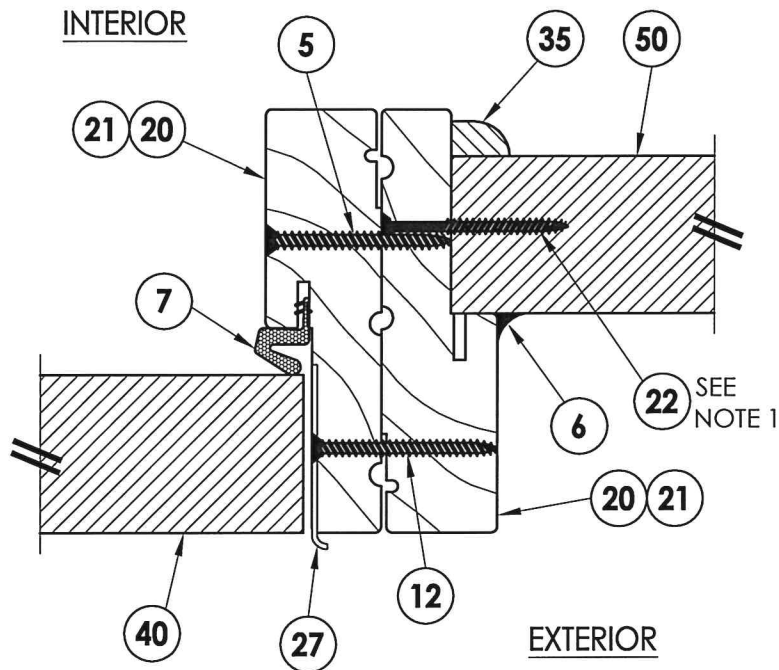
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE C.A. No. 9813

PRODUCT:		PLASTPRO INC. FIBERGLASS DOOR		PART OR ASSEMBLY:		ELEVATIONS	
					JK		
					RW		
					BY		

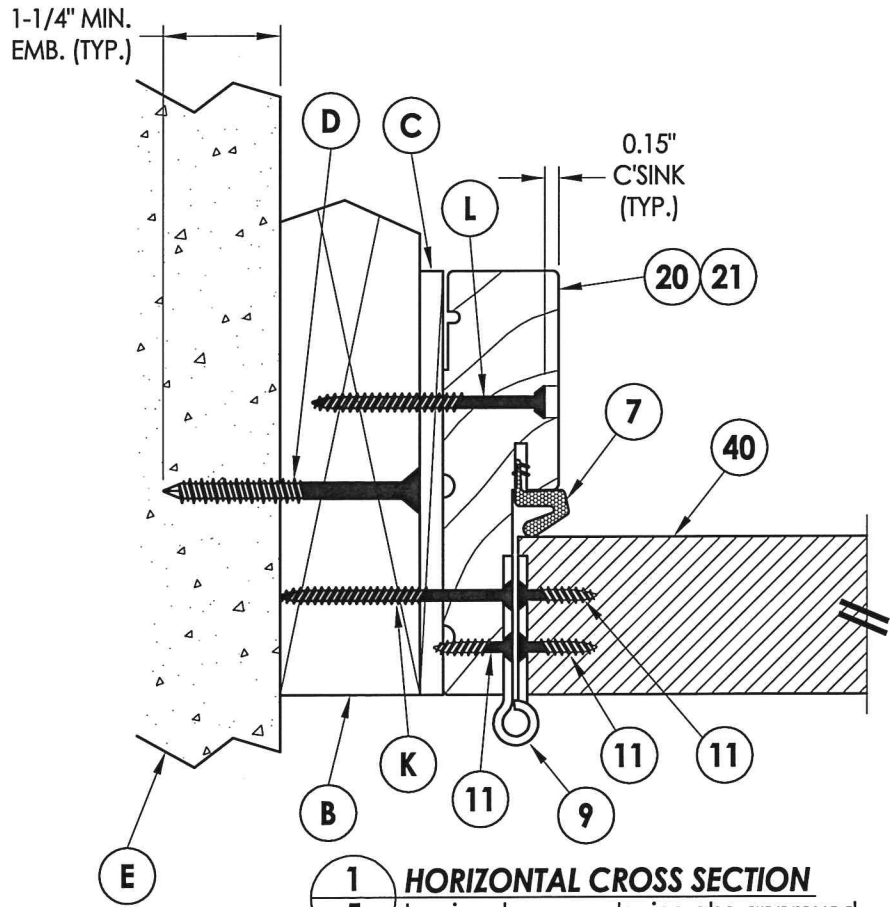
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NOTE:

1. Sidelite panel secured to the sidelite frame as follows:
14" nom. panel: (4) of item #22 located 10" from each end and 2 more equally spaced.
36" nom. panel: (6) of item #22 located 6" from each end and 4 more equally spaced.

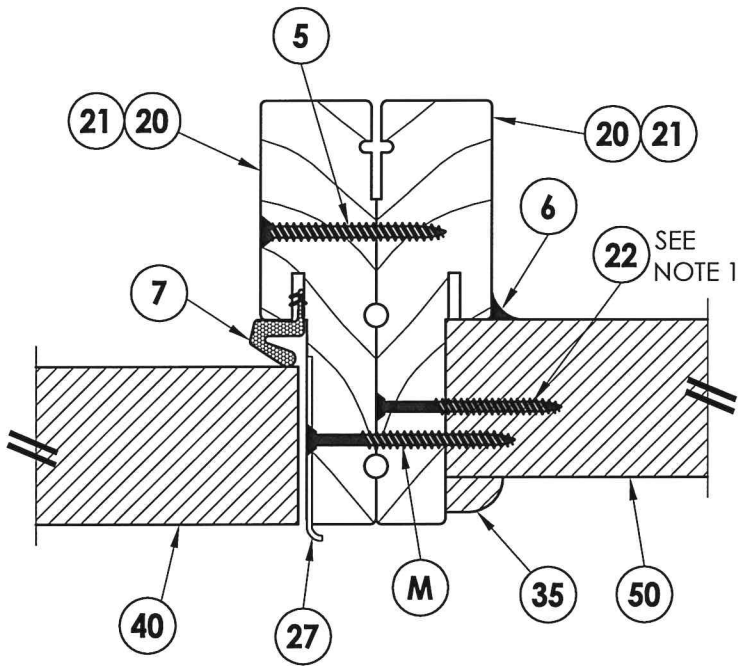


4 HORIZONTAL CROSS SECTION
5 Alternate outswing configuration shown



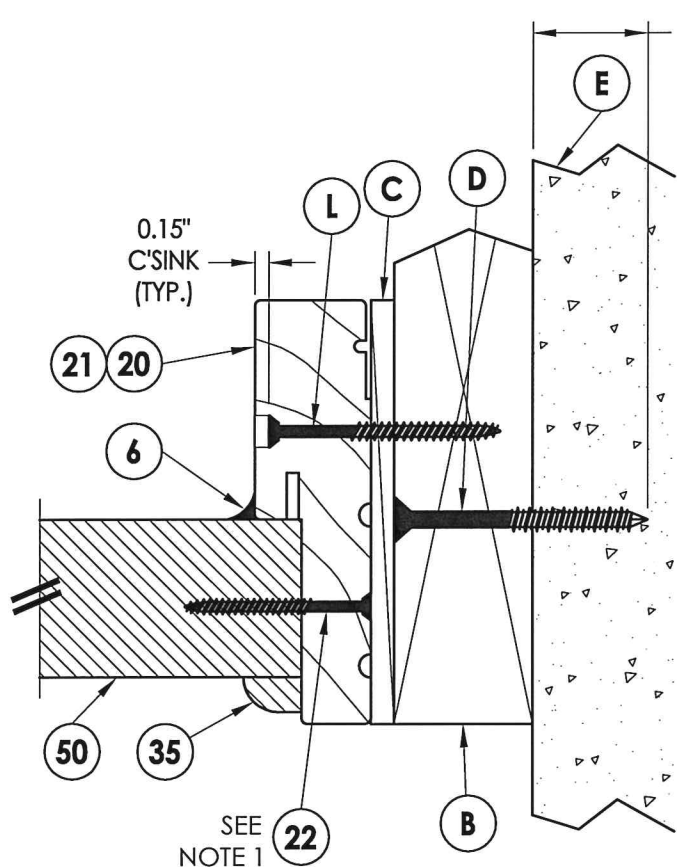
1 HORIZONTAL CROSS SECTION
5 Inswing shown - outswing also approved

EXTERIOR

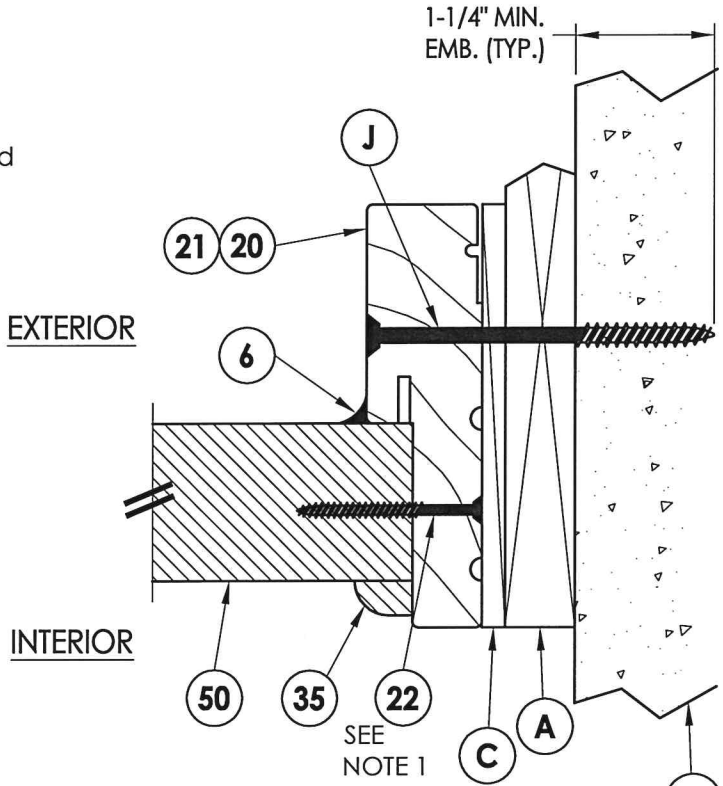


2 HORIZONTAL CROSS SECTION
5 Inswing shown - outswing also approved

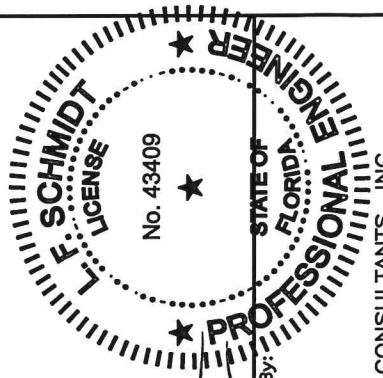
EXTERIOR



3 HORIZONTAL CROSS SECTION
5 Inswing shown - outswing also approved



5 HORIZONTAL CROSS SECTION
5 Shown w/ 1X sub-buck
Inswing shown - outswing also approved



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FBPE C.A. No. 9813

PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

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

DATE: 02/15/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15215.12

SHEET 5 OF 11

EXTERIOR **INTERIOR**

1-1/4" MIN.
EMB. (TYP.)

34
33
F
30
40
E

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

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

PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

OR ASSEMBLY:

VERTICAL CROSS SECTIONS

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

DATE: 02/15/12

SCALE: *N.T.S.*

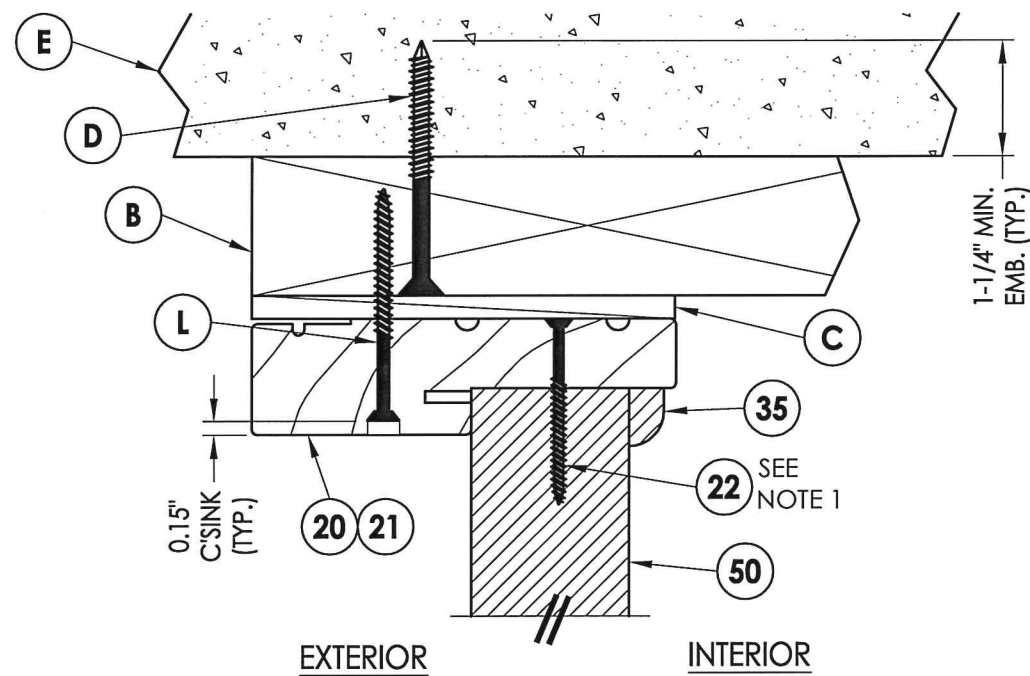
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CHK. BY: LFS

DRAWING NO.:

FL-15215.12

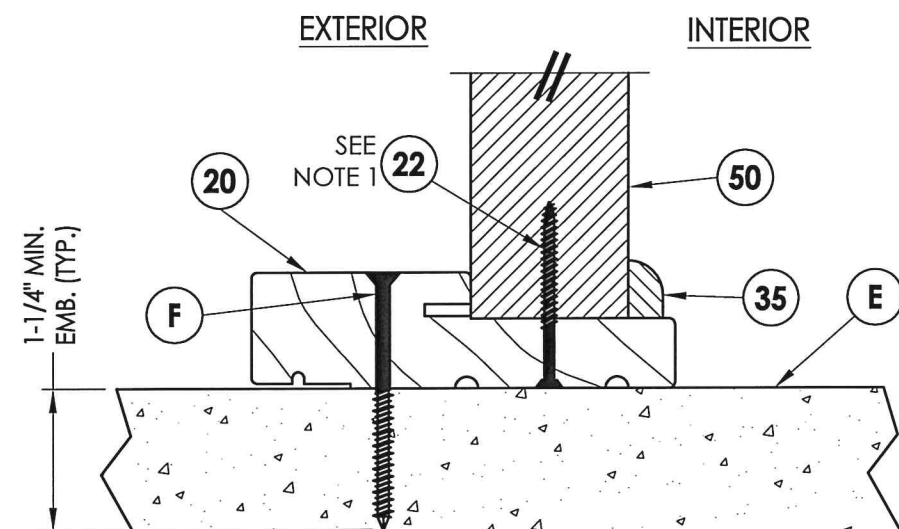
SHEET 6 OF 11



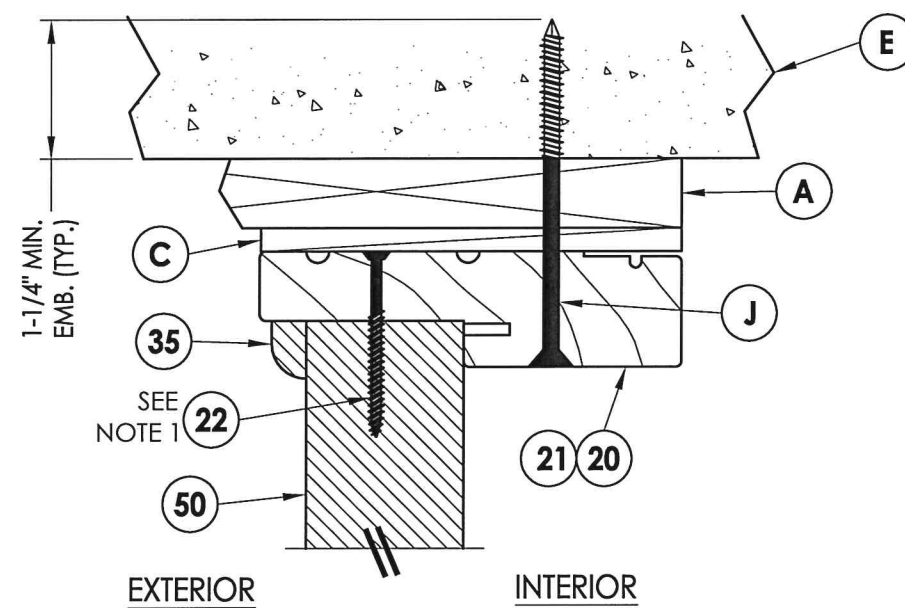
1 **VERTICAL CROSS SECTION**
7 Inswing shown - outswing
also approved

NOTE:

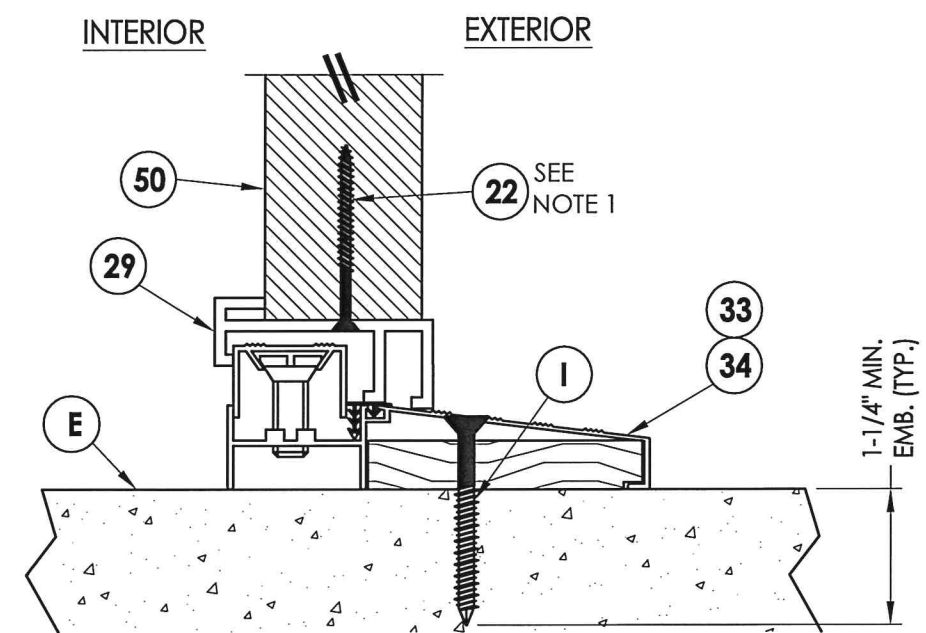
1. Sidelite panel secured to the sidelite frame as follows:
14" nom. panel: (2) of item #22 located 3" from each end.
36" nom. panel: (2) of item #22 located 6" from each end.



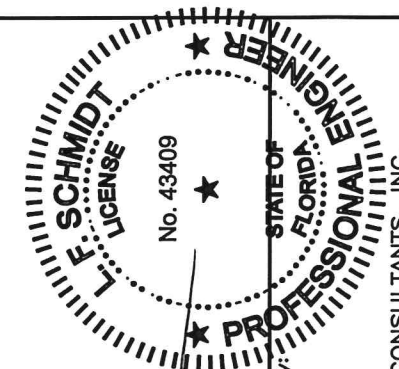
3 **VERTICAL CROSS SECTION**
7 Inswing shown - outswing
 also approved



2 **VERTICAL CROSS SECTION**
7 Shown w/ 1X sub-buck
 Outswing shown - inswing also approved



4 **VERTICAL CROSS SECTION**
7 Inswing configuration

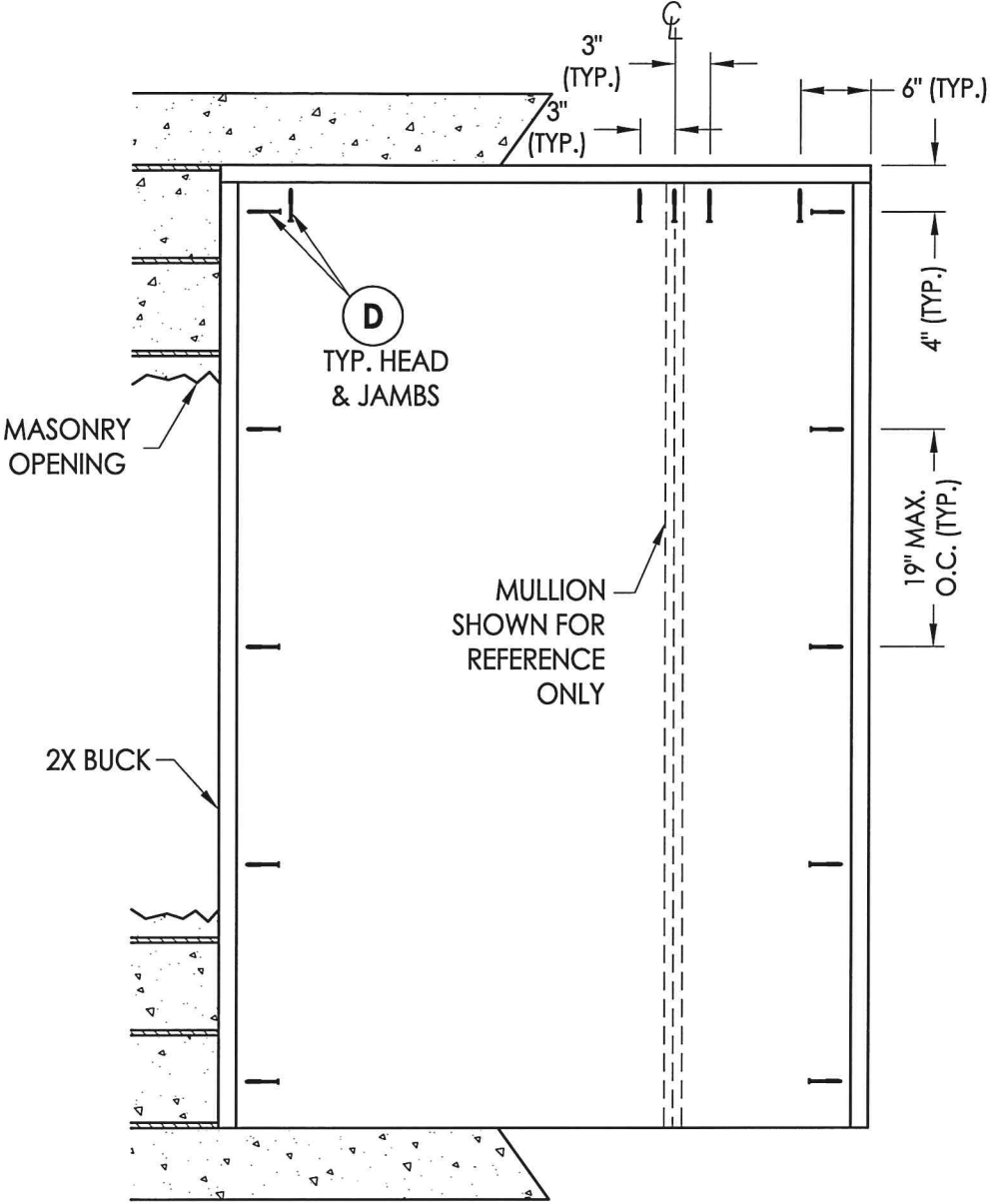


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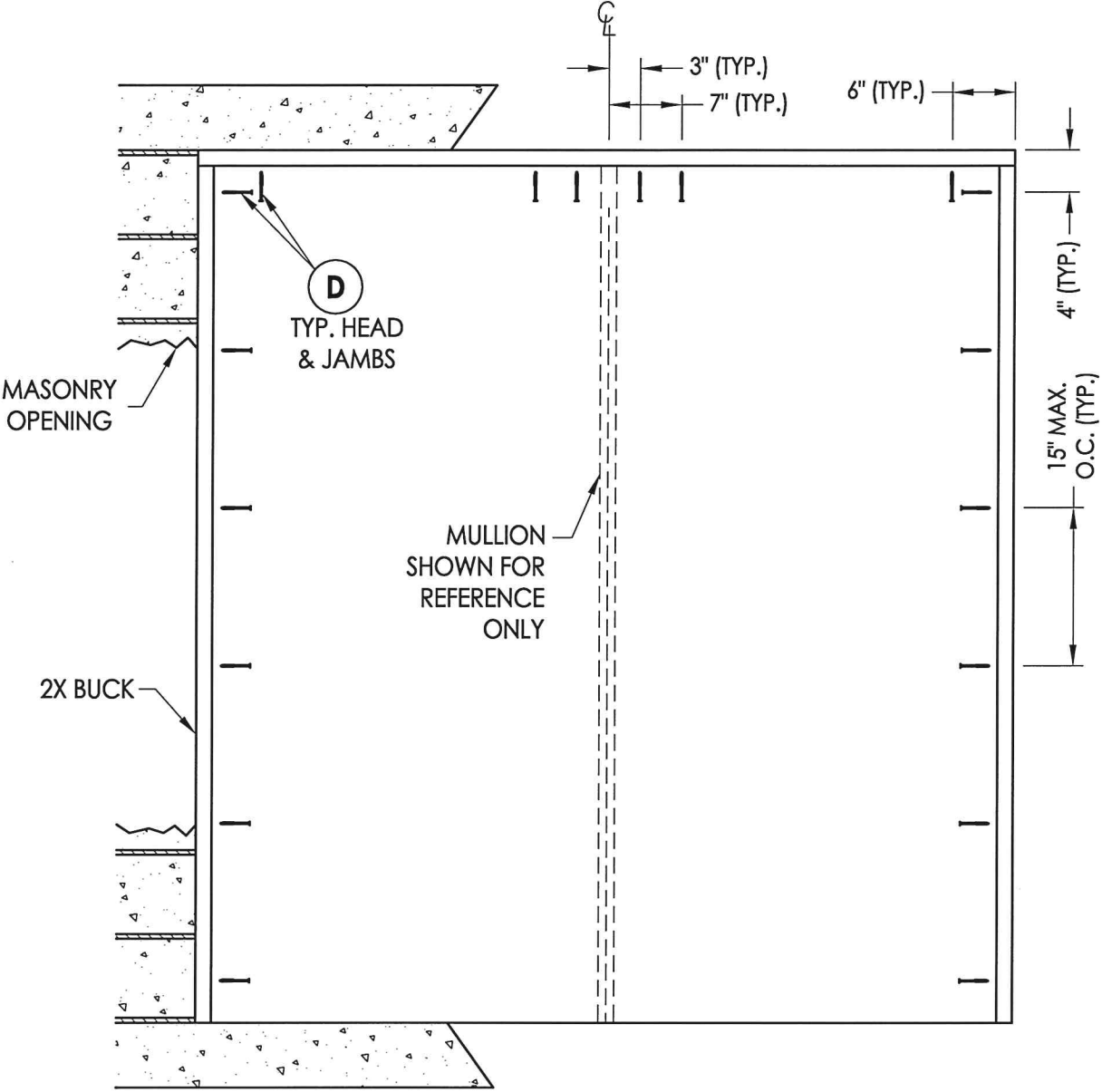
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
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BUCK ANCHORING



BUCK ANCHORING

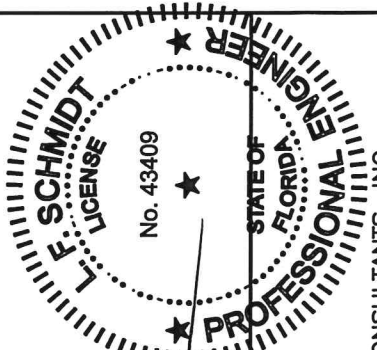
CONCRETE ANCHOR NOTES:

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.



4/22/15
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FBPE C.A. No. 9813

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
BUCK ANCHORING

JK
RW
BY

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

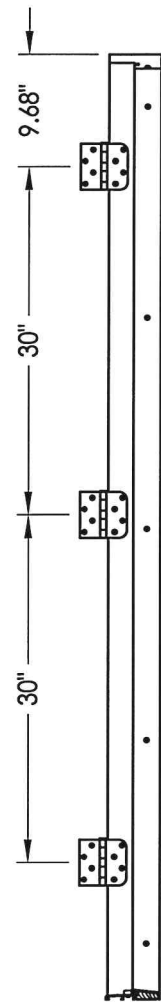
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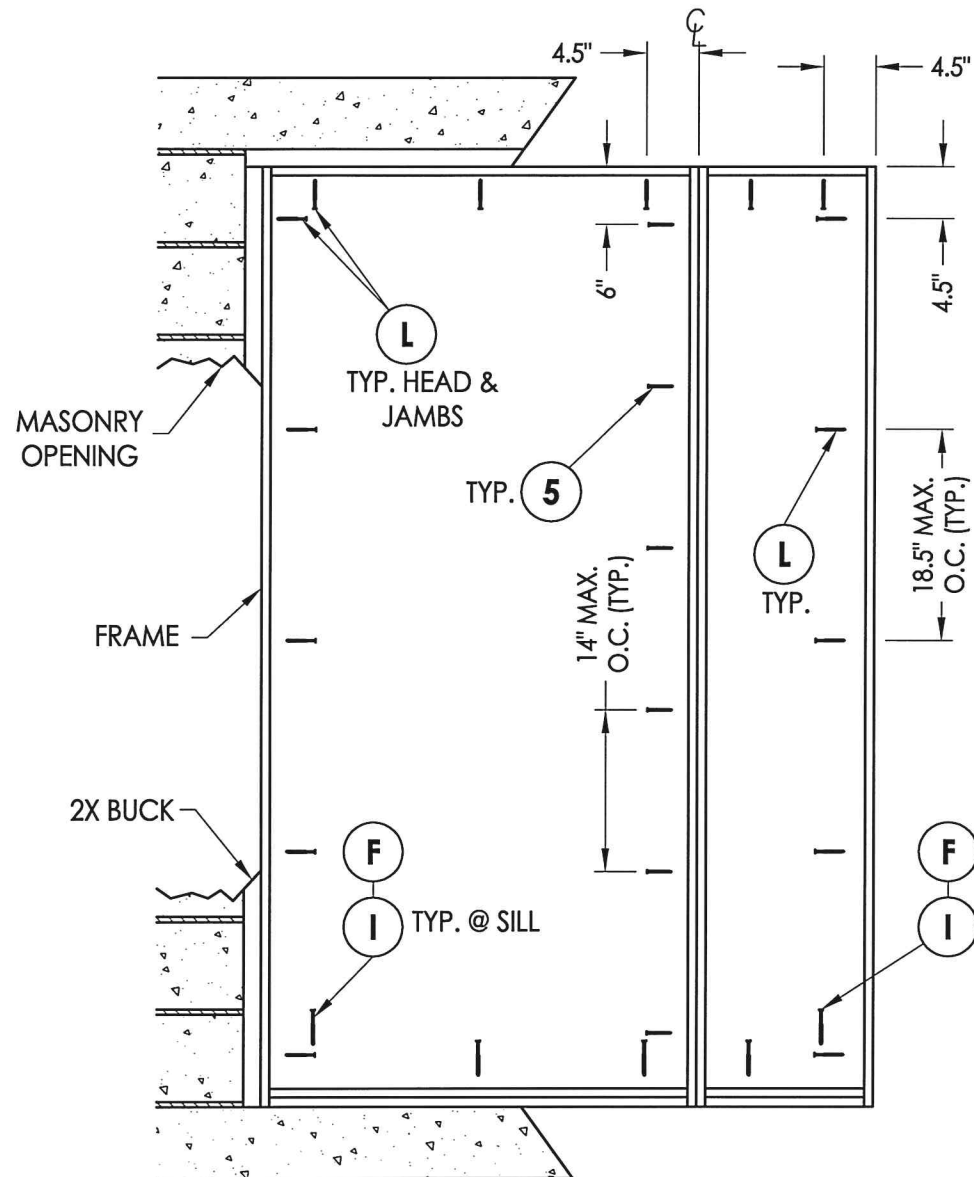
FL-15215.12

SHEET 8 OF 11

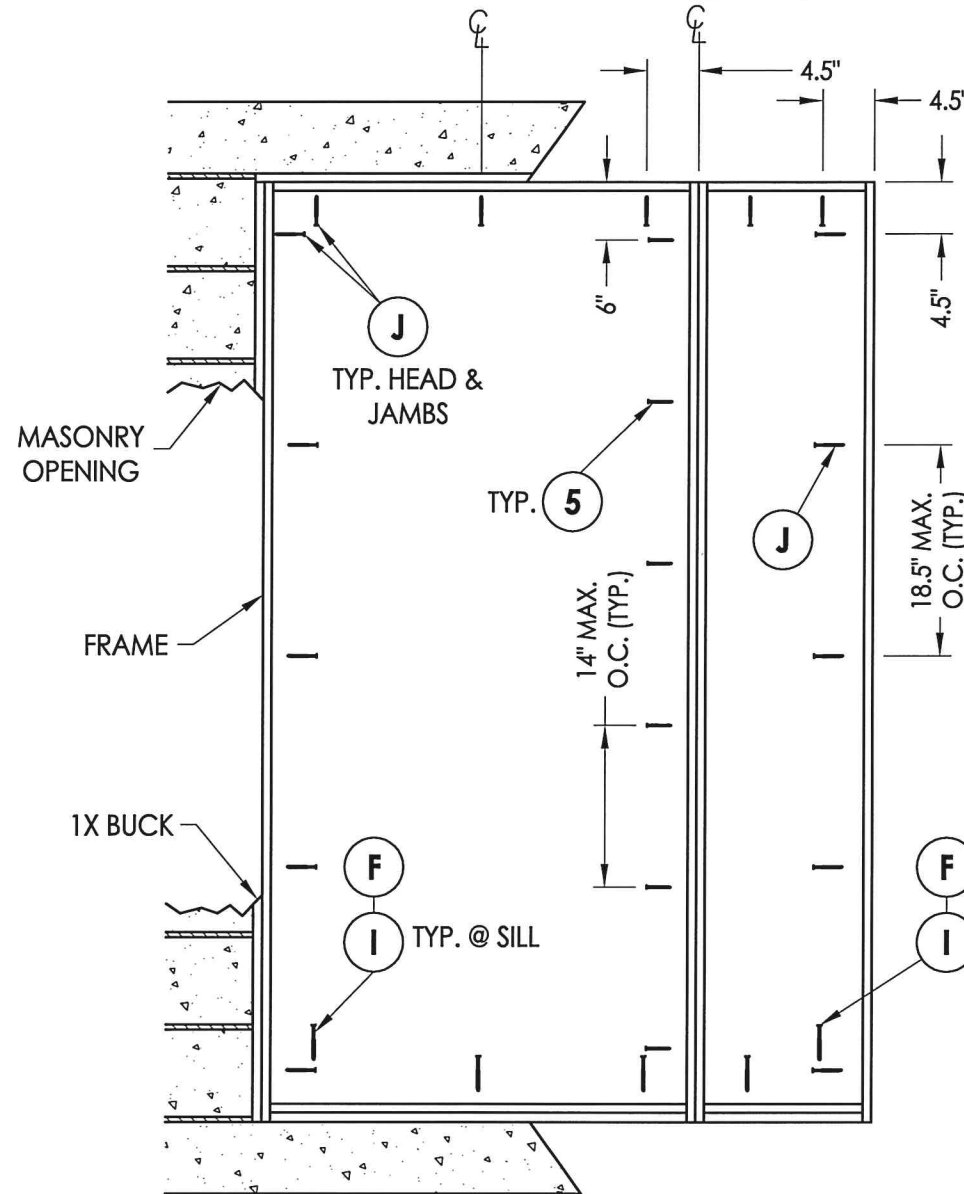
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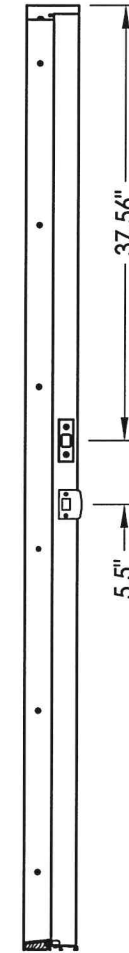
HINGE JAMB



FRAME ANCHORING
Masonry 2X buck construction



FRAME ANCHORING
Masonry 1X buck construction



STRIKE JAMB

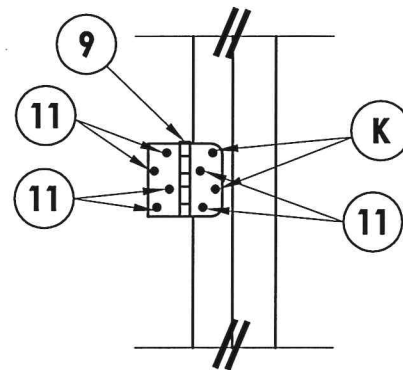
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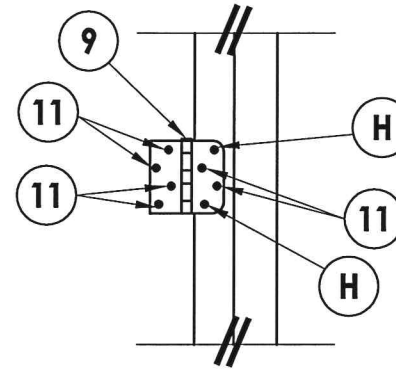
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WOOD SCREW INSTALLATION NOTES:

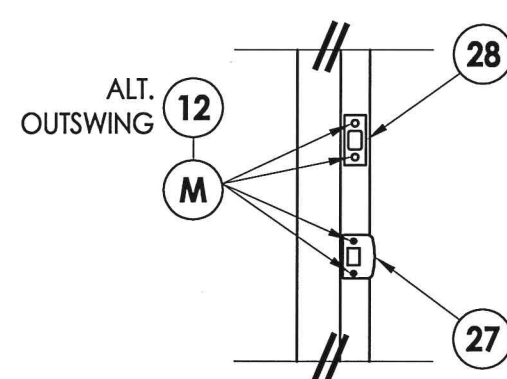
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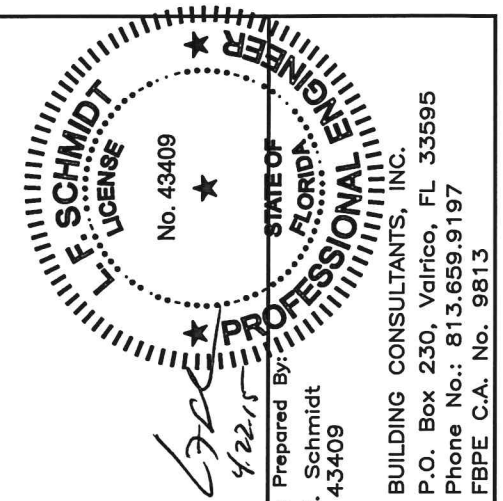
HINGE DETAIL
2X Buck



HINGE DETAIL
1X Buck



LATCH & DEADBOLT DETAIL



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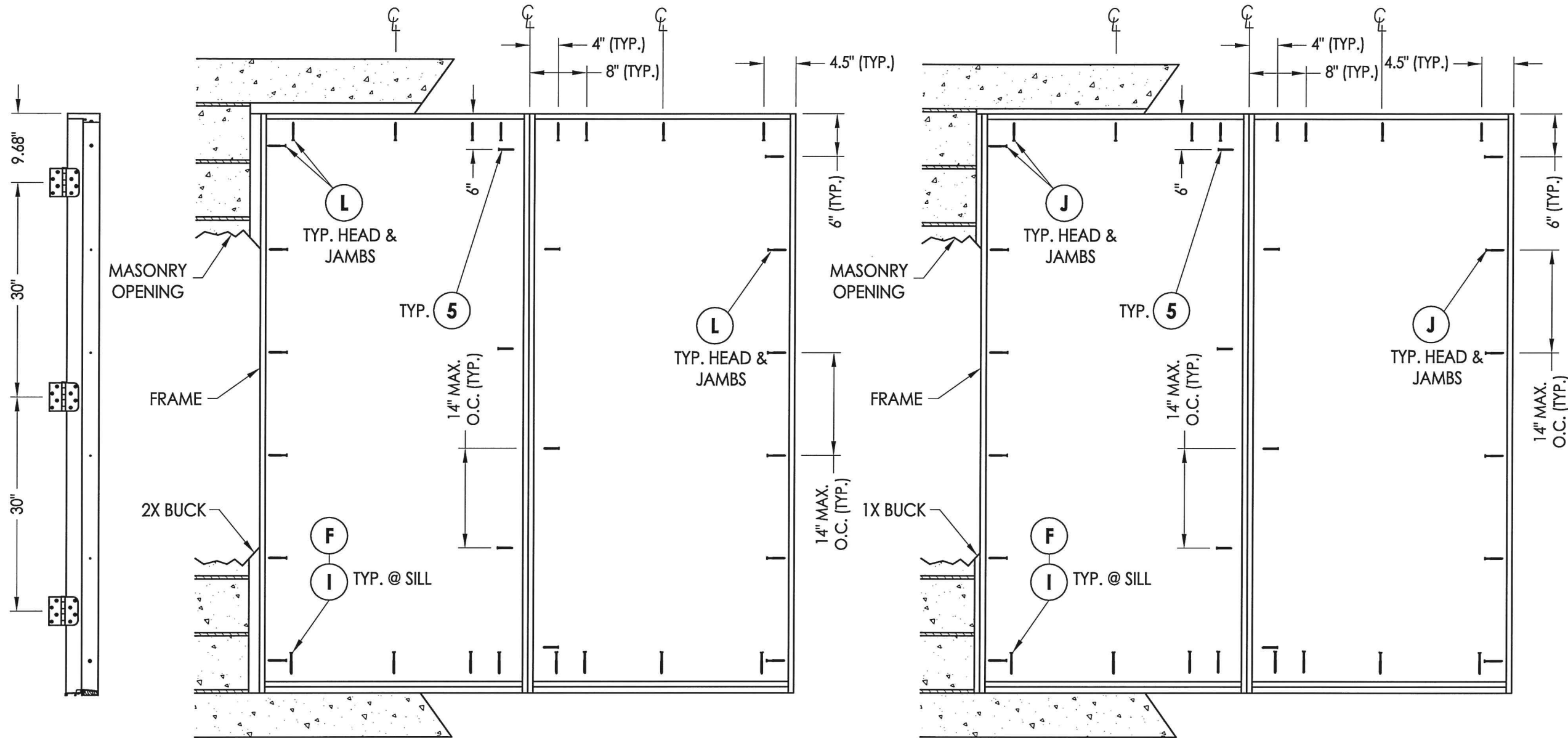
PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
JK
RW
BY

DATE: 02/15/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15215.12
SHEET 9 OF 11

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

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FBPE C.A. No. 9813



HINGE JAMB

FRAME ANCHORING
Masonry 2X buck construction

FRAME ANCHORING
Masonry 1X buck construction

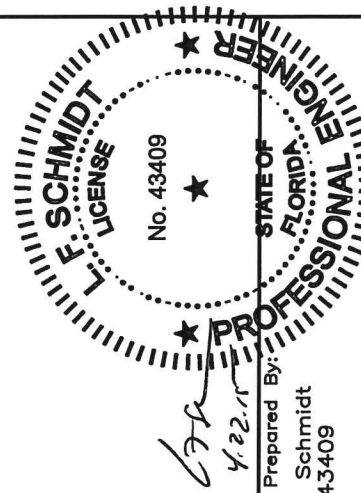
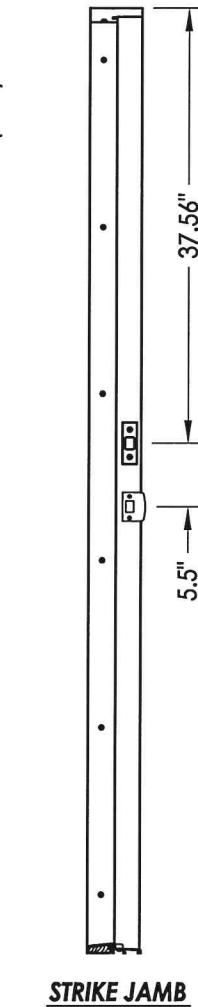
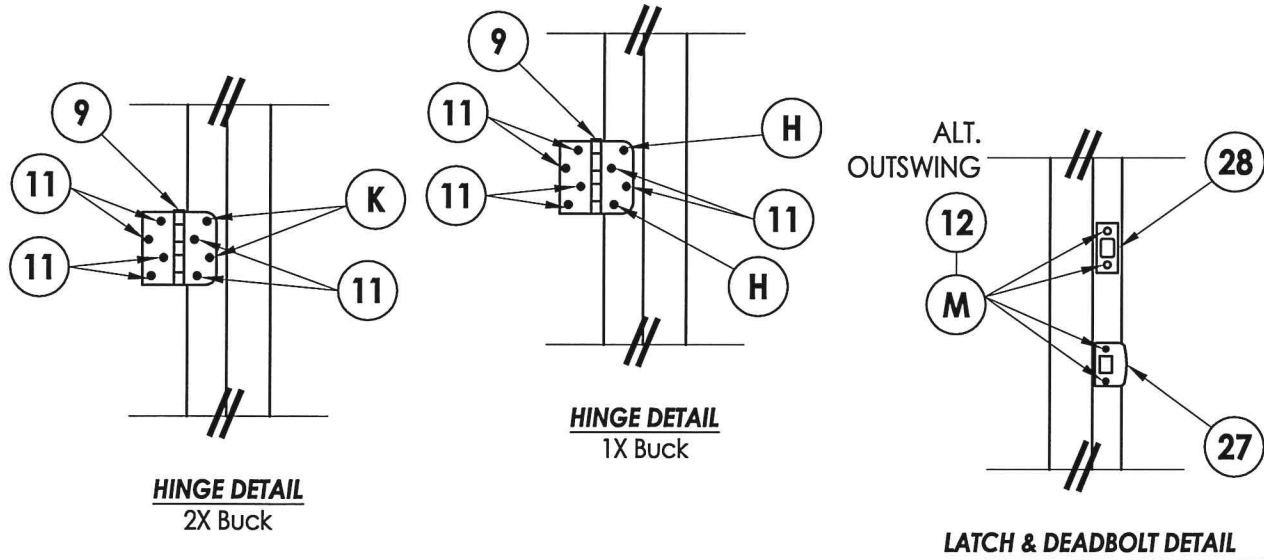
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ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

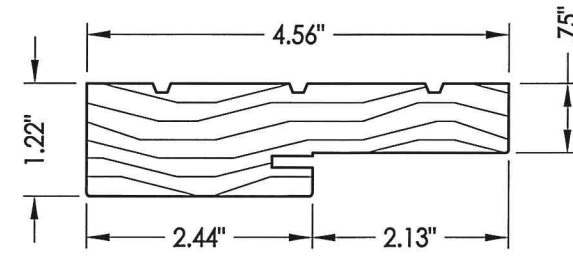
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



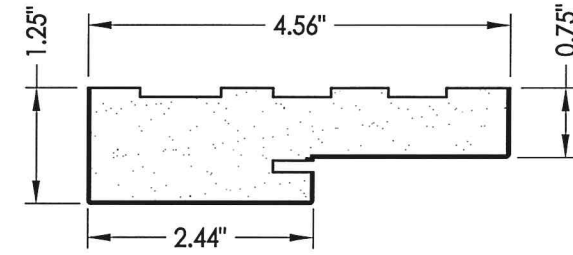
Documents Prepared By: Lyndon F. Schmidt
P.E. No. 43409
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE C.A. No. 9813

PRODUCT: PLASTPRO INC. FIBERGLASS DOOR		PART OR ASSEMBLY: FRAME ANCHORING	
		JK	RW
2	04/22/15	UPDATE TO 5TH ED. (2014) FBC	BY
1	2/27/13	REVISED GLAZING DETAIL	DATE
REVISIONS			
DATE: 02/15/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15215.12			
SHEET 10 OF 11			

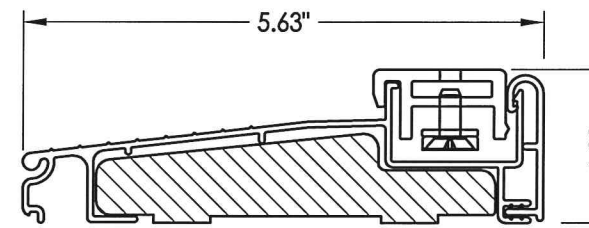
BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	1/4" X 2-3/4" PFH ITW CONCRETE SCREW	STEEL
H	3/16" 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
K	#9 X 2-1/2" PFH WOOD 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 JAMB	WOOD
21	POLY FIBER JAMB	COMP.
22	#10 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. 0.075" THICK)	FIBERGLASS
42	TOP RAIL	CELLULAR PVC
43	LATCH & HINGE STILE	CELLULAR PVC
44	LOCK REINFORCEMENT	WOOD
45	BOTTOM RAIL	CELLULAR PVC
46	POLYURETHANE FOAM	POLYURETHANE
47	CONTINUOUS LATCH & HINGE STILE REINFORCEMENT	WOOD
49	GLAZING COMPOUND DOW 995	SILICONE
50	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-



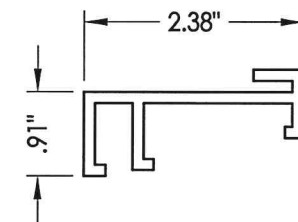
20 WOOD JAMB



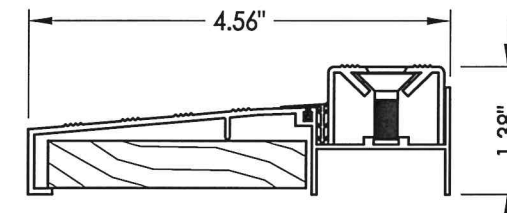
21 POLY FIBER JAMB



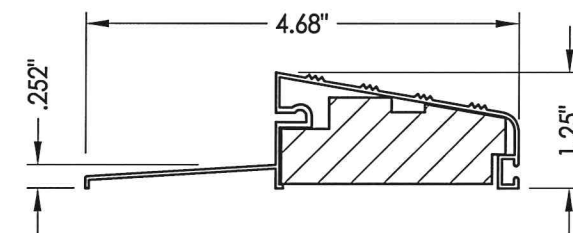
33 ADJUSTABLE INSWING THRESHOLD



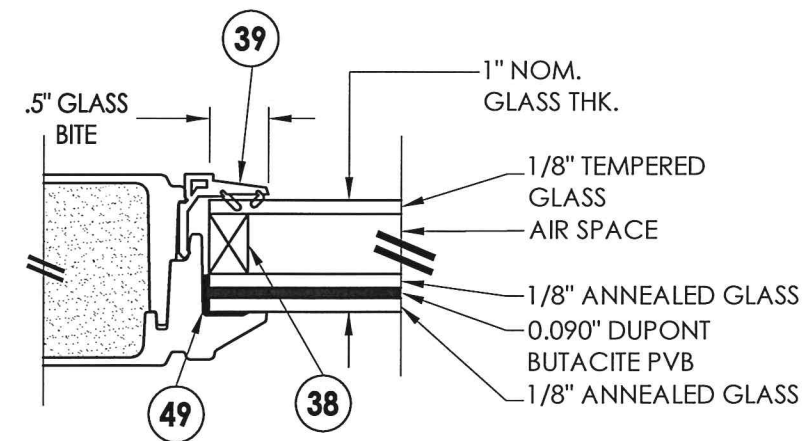
29 SIDELITE SPACER



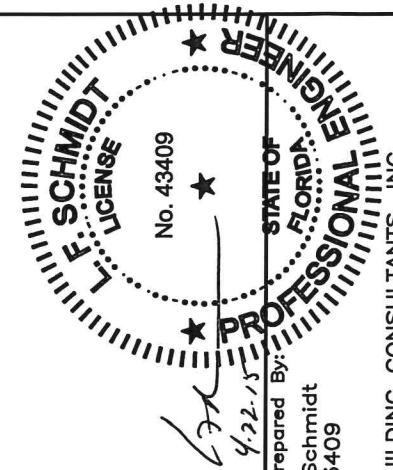
34 ADJUSTABLE INSWING THRESHOLD



31 OUTSWING BUMP THRESHOLD



G1 GLAZING DETAIL



Documents Prepared By:
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RW BUILDING CONSULTANTS, INC.
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FBPE C.A. No. 9813

PRODUCT:		PLASTPRO INC. FIBERGLASS DOOR	
PART OR ASSEMBLY:		BILL OF MATERIALS, GLAZING DETAIL & COMPONENTS	
REVISIONS			
NO.	DATE	BY	
2	04/22/15	JK	UPDATE TO 5TH ED. (2014) FBC
1	2/27/13	RW	REVISED GLAZING DETAIL
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SHEET 11 OF 11			