

plastpro

5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

ONELITE SERIES

FLUSH GLAZED FIBERGLASS DOOR w/ SIDELITES

INSWING / OUTSWING

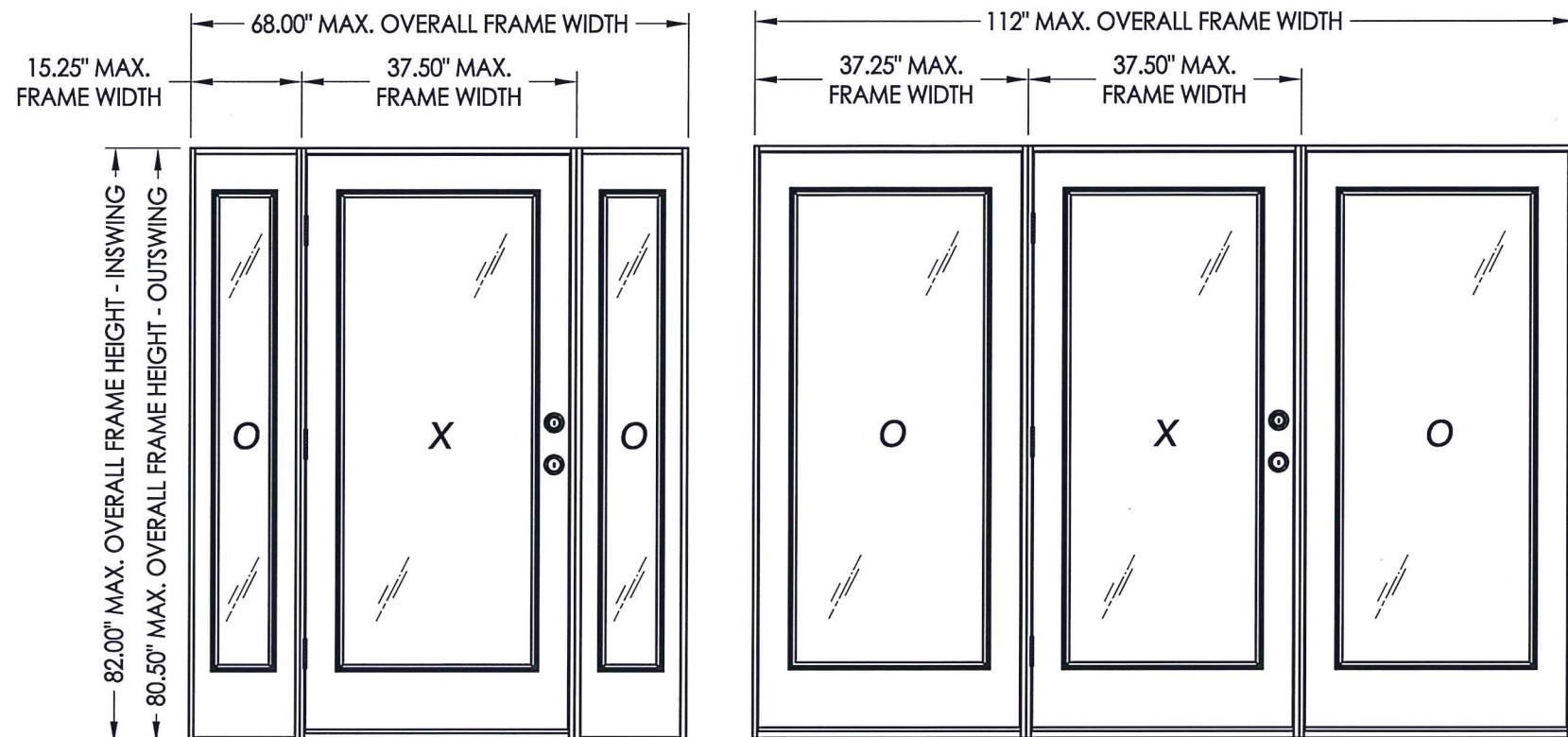
"IMPACT"

GENERAL NOTES

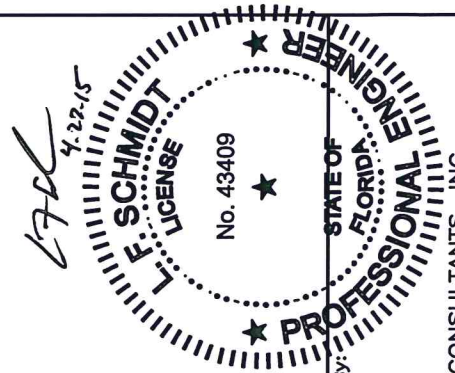
1. This product has been evaluated and is in compliance with the 5th Edition (2014) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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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SHEET #	DESCRIPTION
1	Typical elevation, design pressures, & general notes
2	Door/Sidelite panel details
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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	68.00" x 82.00"	26.25" x 65.93"	7.00" x 65.93"	G1	+50.0	-50.0
OUTSWING	68.00" x 80.50"	26.25" x 65.93"	7.00" x 65.93"		+50.0	-50.0
INSWING	112.00" x 82.00"	26.25" x 65.93"	26.25" x 65.93"		+50.0	-50.0
OUTSWING	112.00" 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

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

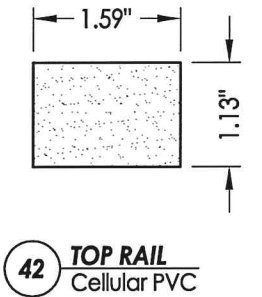
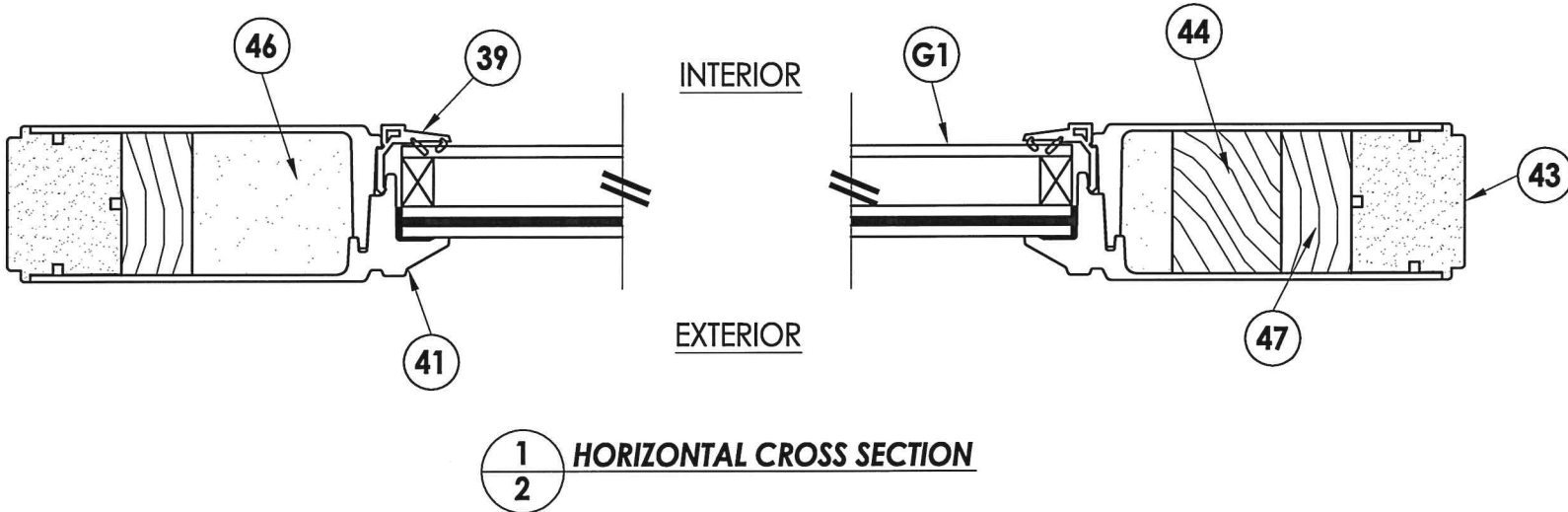
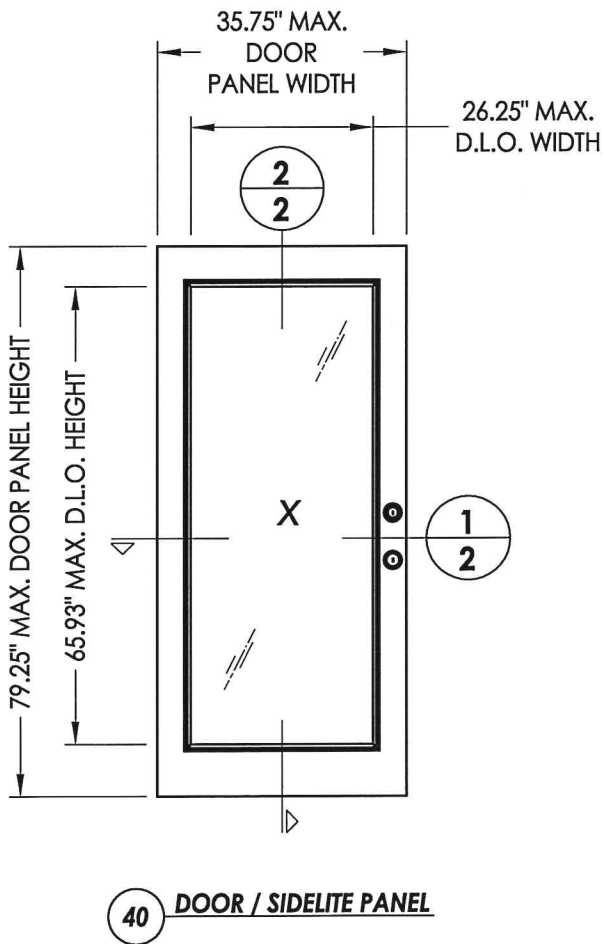
PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

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

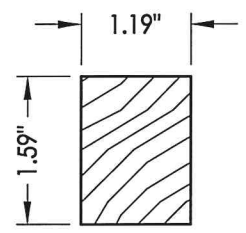
NO.	DATE	REVISIONS
2	04/22/15	UPDATE TO 5TH ED. (2014) FBC
1	2/27/13	REVISED GLAZING DETAIL

DATE: 02/15/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15215.13
SHEET 1 OF 11

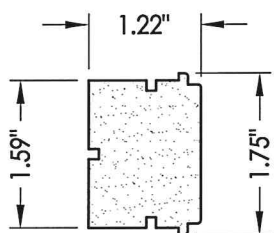
R:\Clients\Plastpro, Inc PERMANENT\Florida Product Approvals\FL - 15215\C - Drawings\Current\FL-15215.11-20.dwg, 2.3



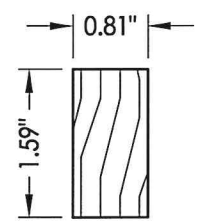
42 TOP RAIL
Cellular PVC



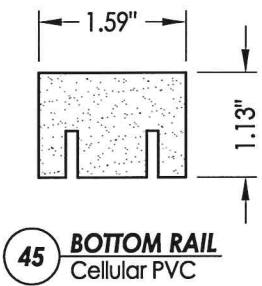
44 LOCK REINFORCEMENT
Wood



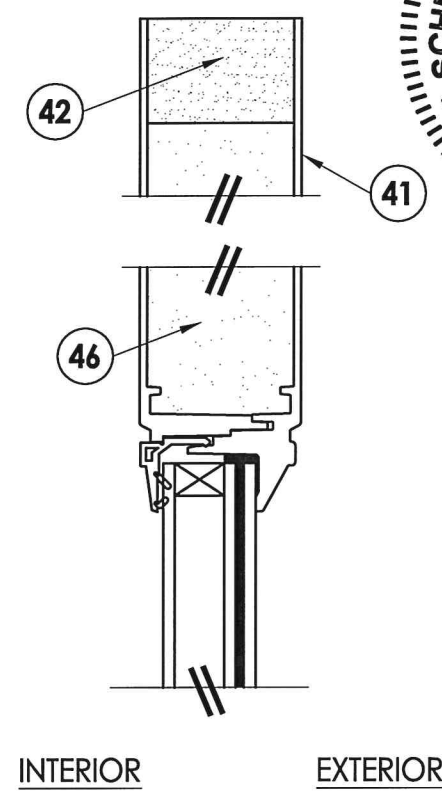
43 LATCH & HINGE STILE
Cellular PVC



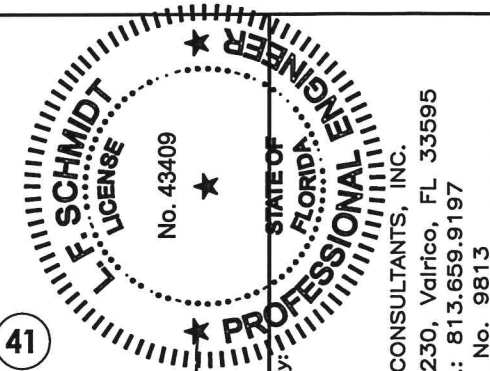
47 LATCH & HINGE STILE
Wood reinforcement



45 BOTTOM RAIL
Cellular PVC



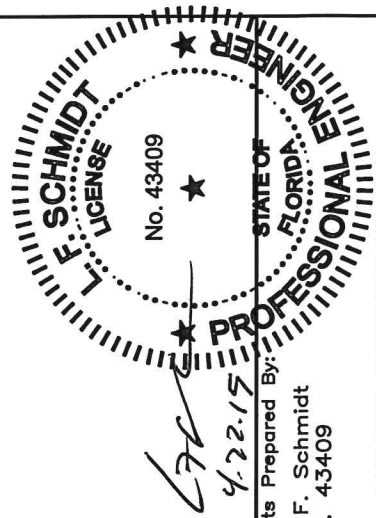
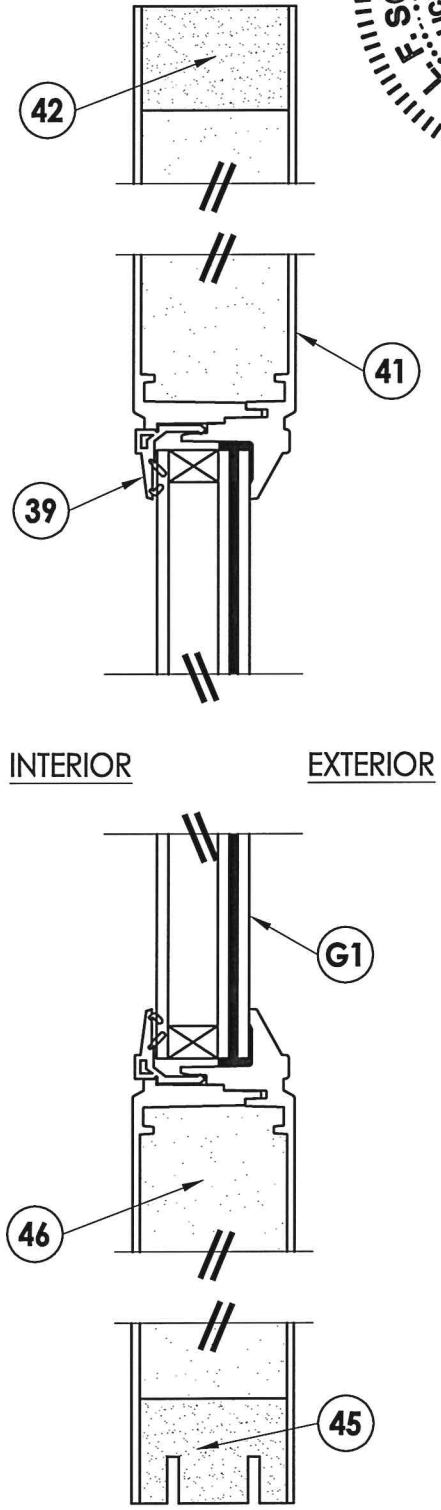
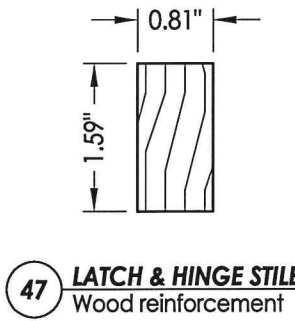
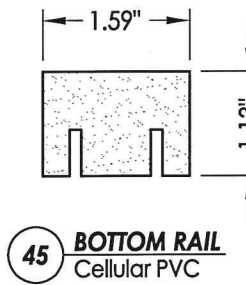
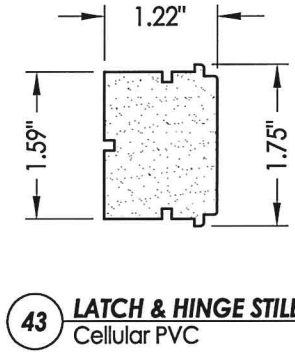
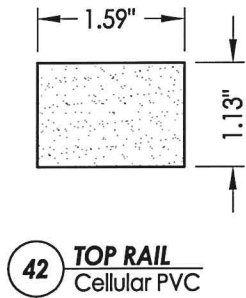
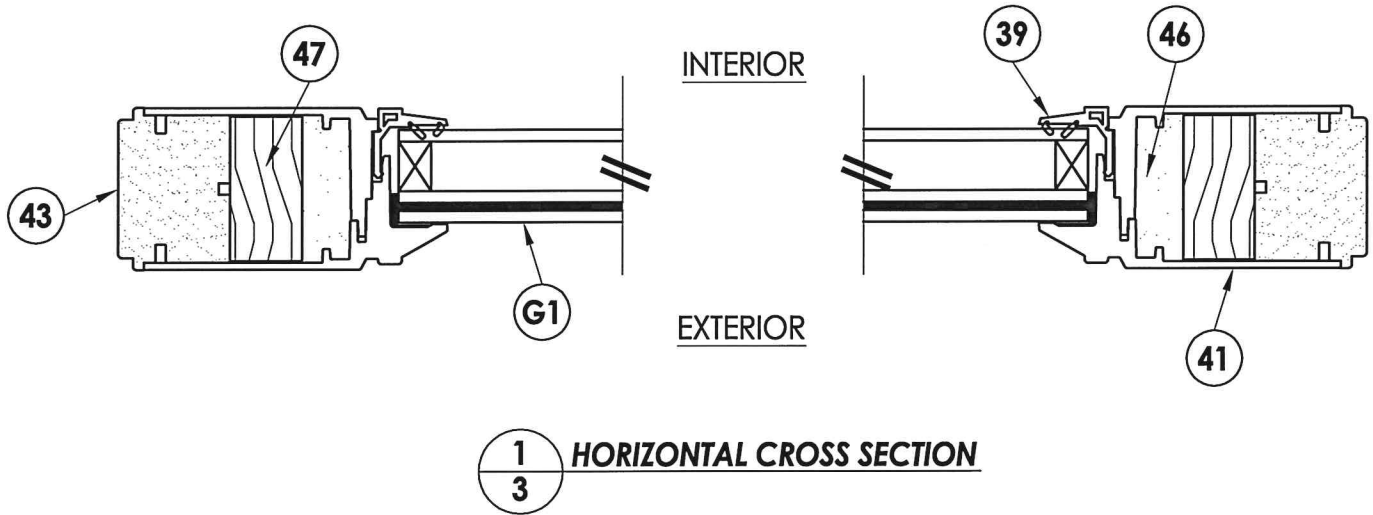
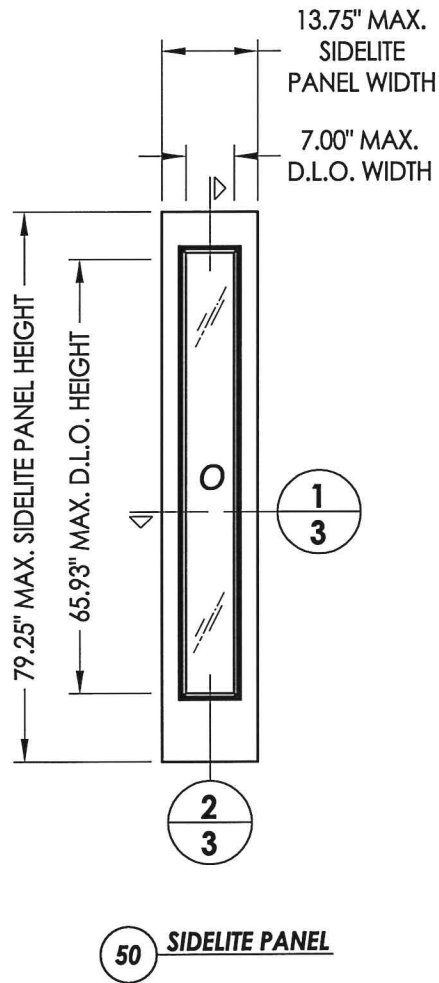
2 VERTICAL CROSS SECTION



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4-22-15
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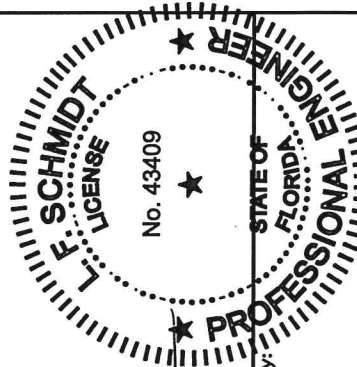
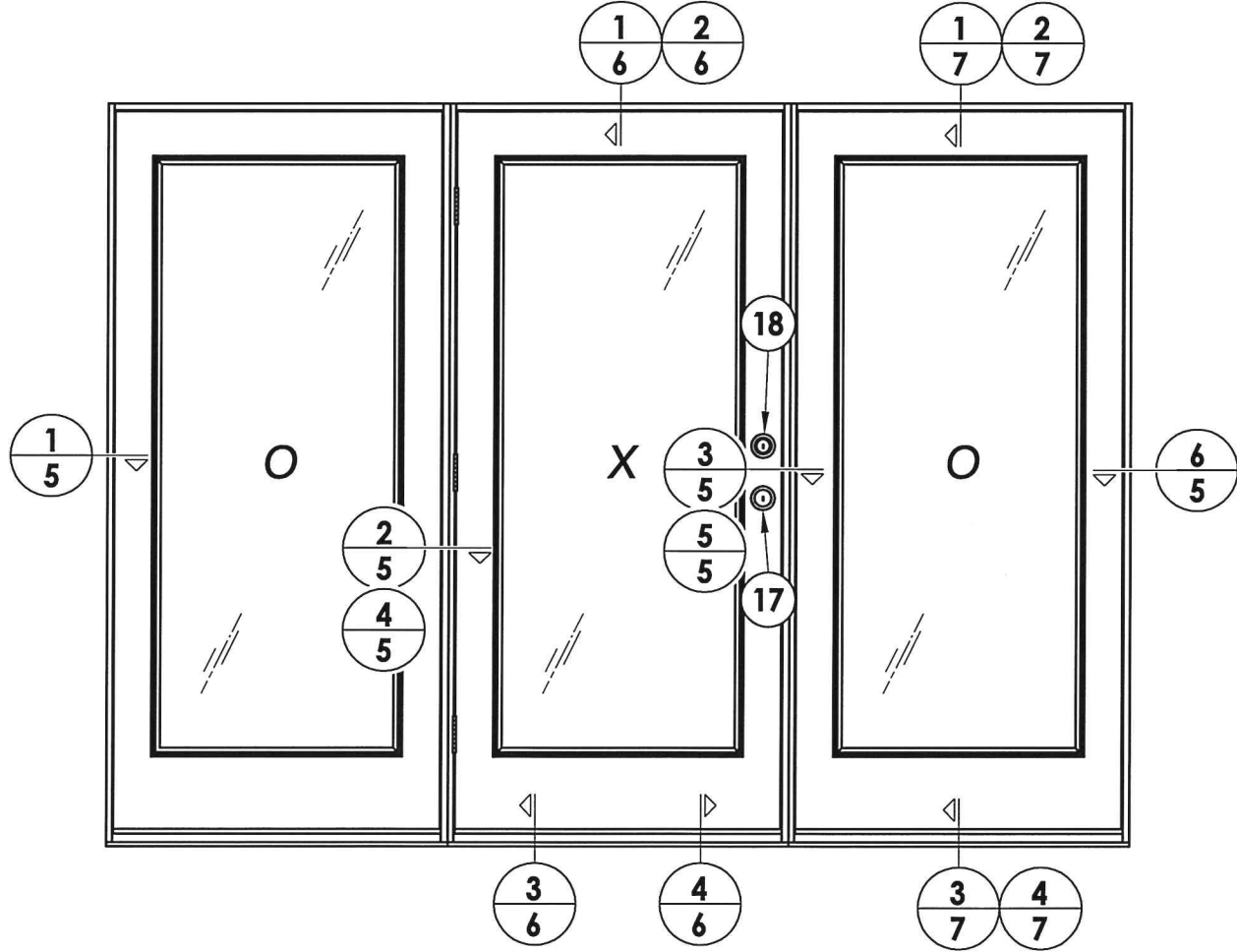
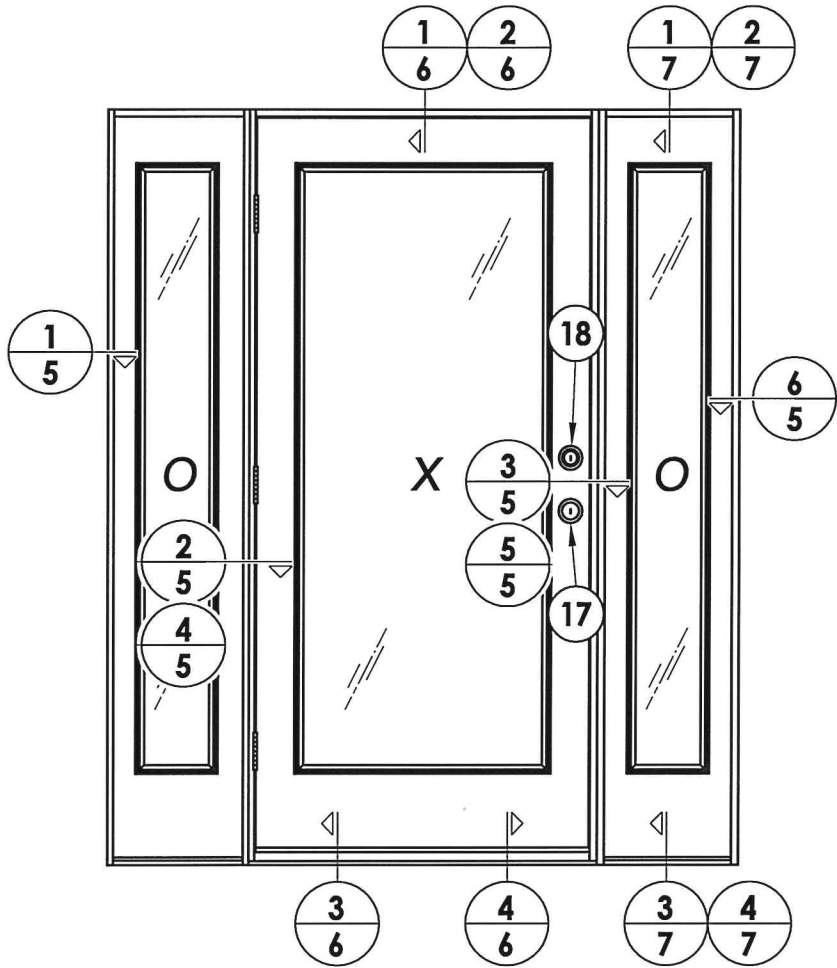
PRODUCT: PLASTPRO INC. FIBERGLASS DOOR		PART OR ASSEMBLY: DOOR / SIDELITE PANEL DETAILS	
		JK	RW
		BY	
REVISIONS			
		NO.	DATE
2	04/22/15	UPDATE TO 5TH ED. (2014)	FBC
1	2/27/13	REVISED GLAZING DETAIL	
DATE: 02/15/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15215.13			
SHEET 2 OF 11			

R:\Clients\Plastpro, Inc PERMANENT\Florida Product Approvals\FL - 15215\C - Drawings\Current\FL-15215.11-20.dwg, 3.3



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PRODUCT:		PLASTPRO INC. FIBERGLASS DOOR	
PART OR ASSEMBLY:		SIDELITE PANEL DETAILS	
		JK	RW
DATE		NO.	BY
02/15/12		2	1
SCALE: N.T.S.		REVISIONS	
DWG. BY: JK		DATE	
CHK. BY: LFS		NO.	
DRAWING NO.: FL-15215.13		DATE	
SHEET 3 OF 11		NO.	



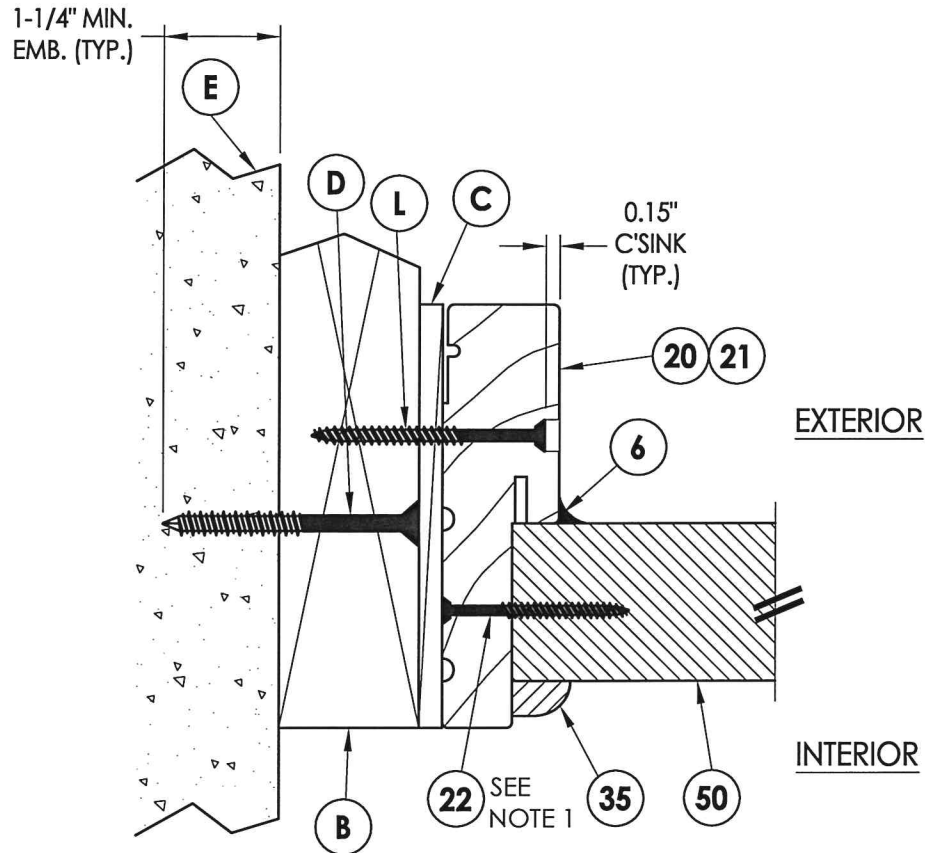
LFS
4.22.15

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

PRODUCT:		PLASTPRO INC. FIBERGLASS DOOR	
PART OR ASSEMBLY:		ELEVATIONS	
DATE:		02/15/12	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-15215.13	
SHEET		4 OF 11	
REVISIONS			
NO.	DATE	BY	
2	04/22/15	JK	UPDATE TO 5TH ED. (2014) FBC
1	2/27/13	RW	REVISED GLAZING DETAIL

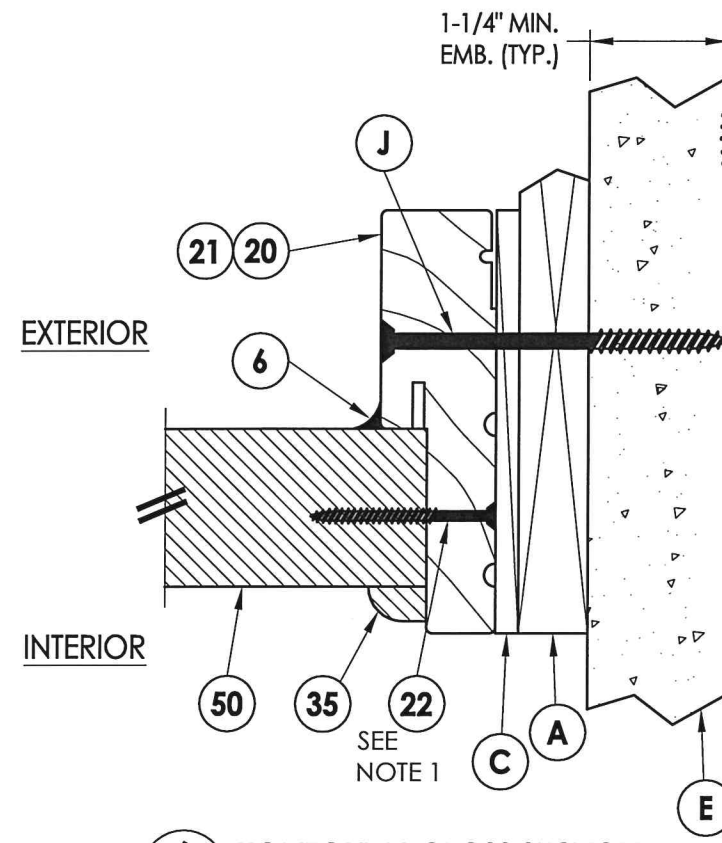
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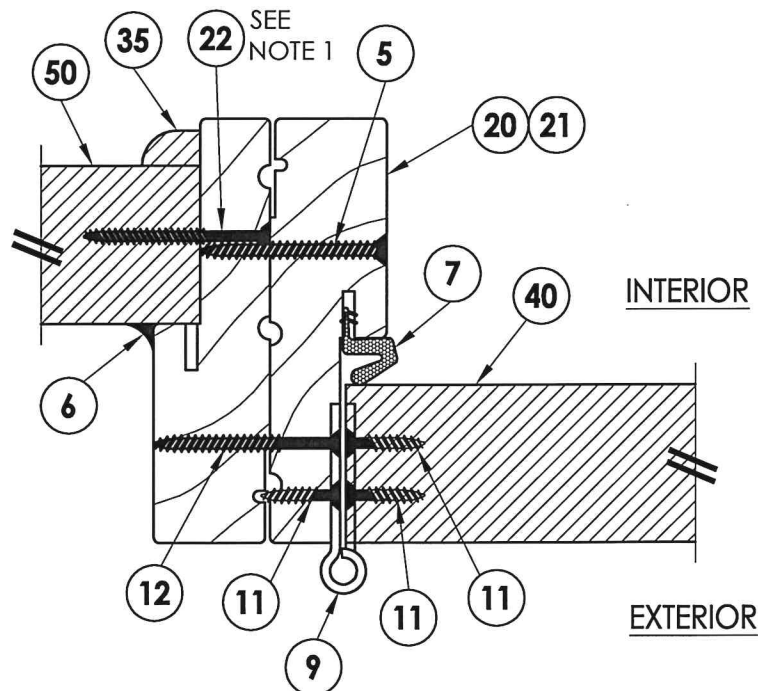
1 HORIZONTAL CROSS SECTION
5 Inswing shown - outswing also approved

NOTE:

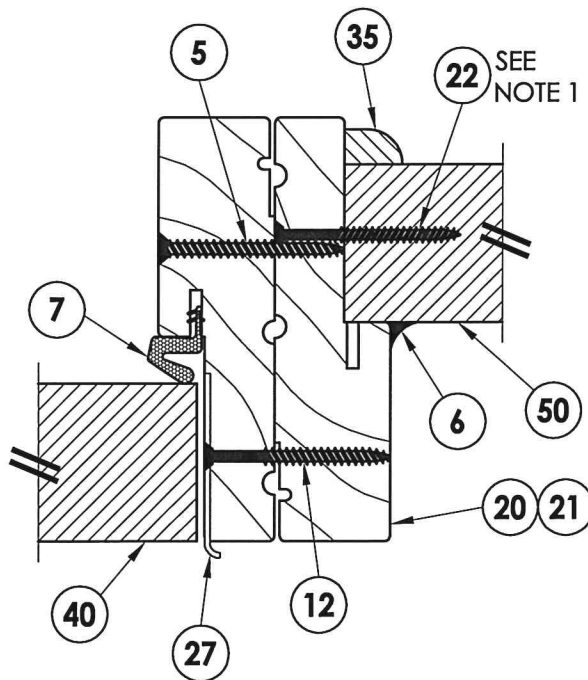
1. Sidelite panel secured to the sidelite frame as follows:
14" nom. panel: (4) of item #22 located 10" from each end and 2 more equally spaced.
36" nom. panel: (6) of item #22 located 6" from each end and 4 more equally spaced.



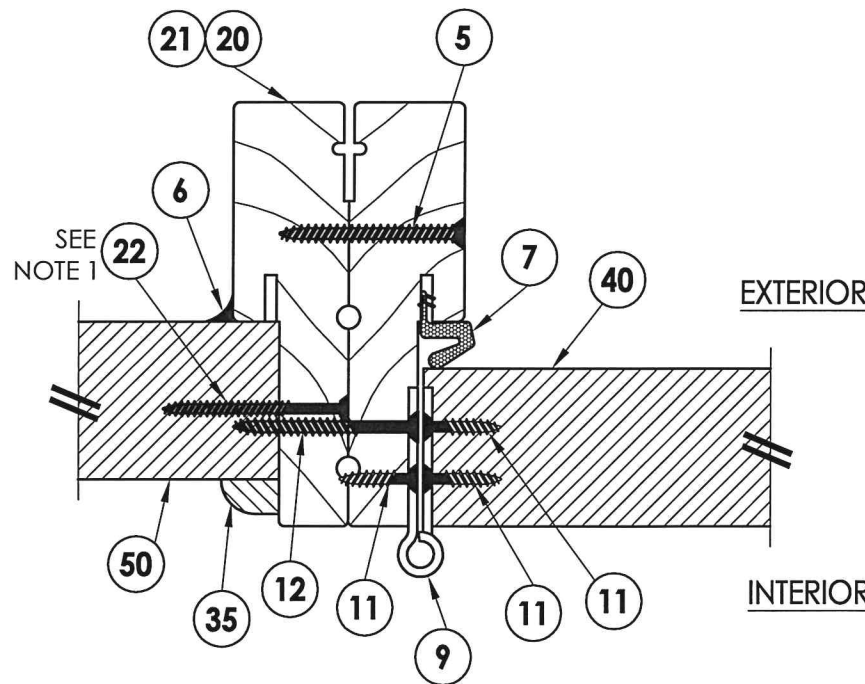
6 HORIZONTAL CROSS SECTION
5 Shown w/ 1X sub-buck
Inswing shown - outswing also approved



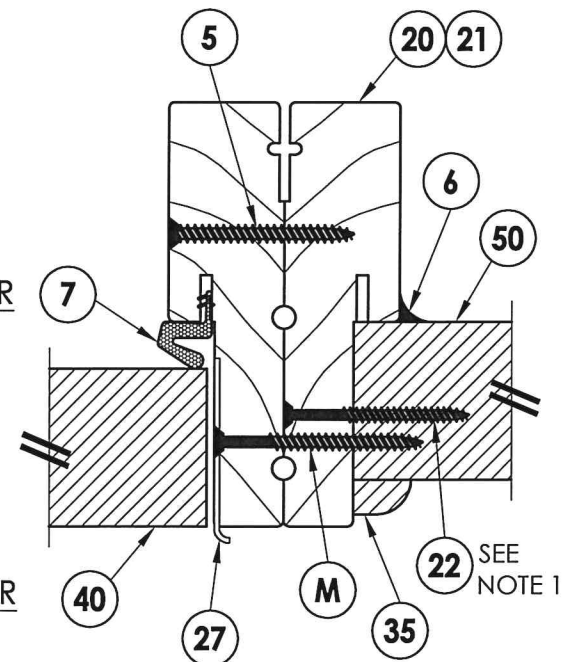
2 HORIZONTAL CROSS SECTION
5 Alternate outswing configuration shown



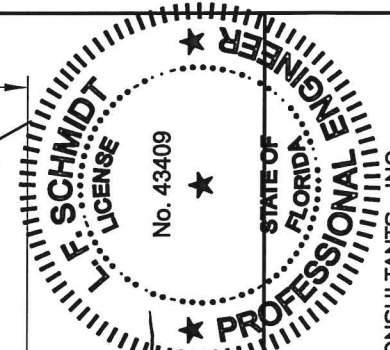
3 HORIZONTAL CROSS SECTION
5 Alternate outswing configuration shown



4 HORIZONTAL CROSS SECTION
5 Inswing shown - outswing also approved



5 HORIZONTAL CROSS SECTION
5 Inswing shown - outswing also approved



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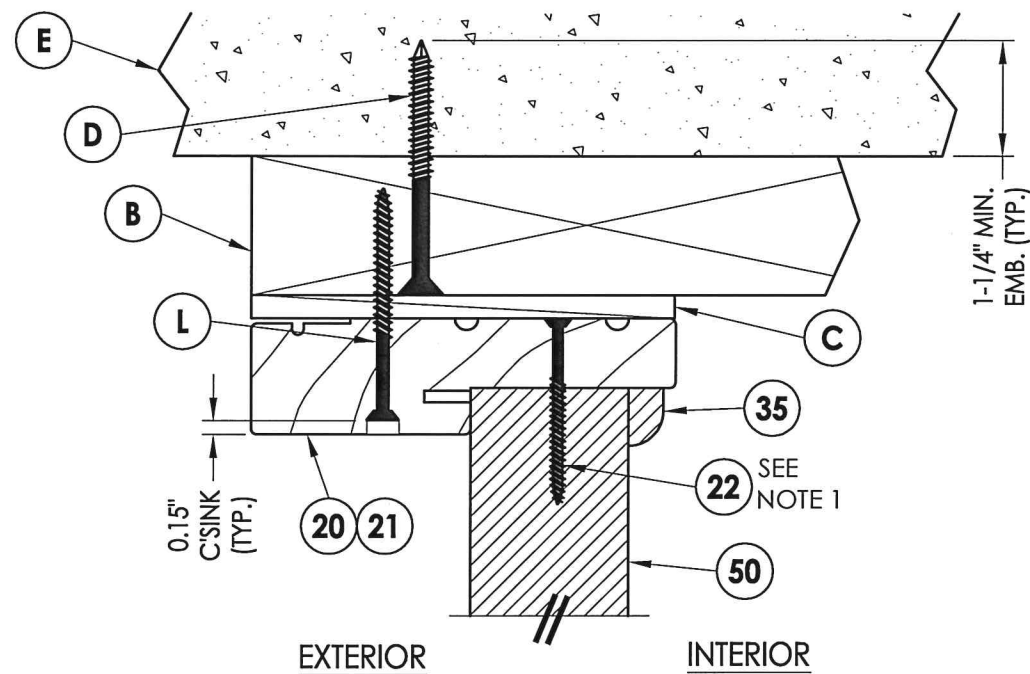
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE C.A. No. 9813

PRODUCT: **PLASTPRO INC. FIBERGLASS DOOR**

PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

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

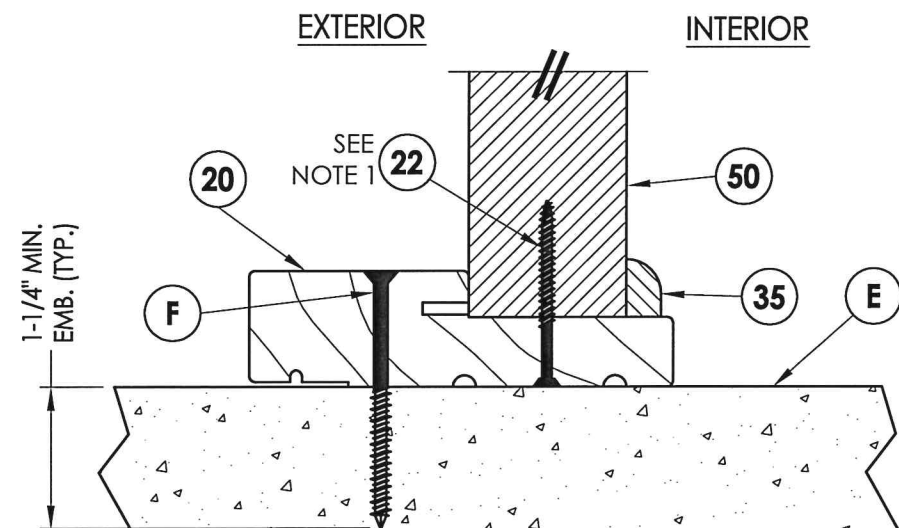
DATE: 02/15/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15215.13
SHEET 5 OF 11



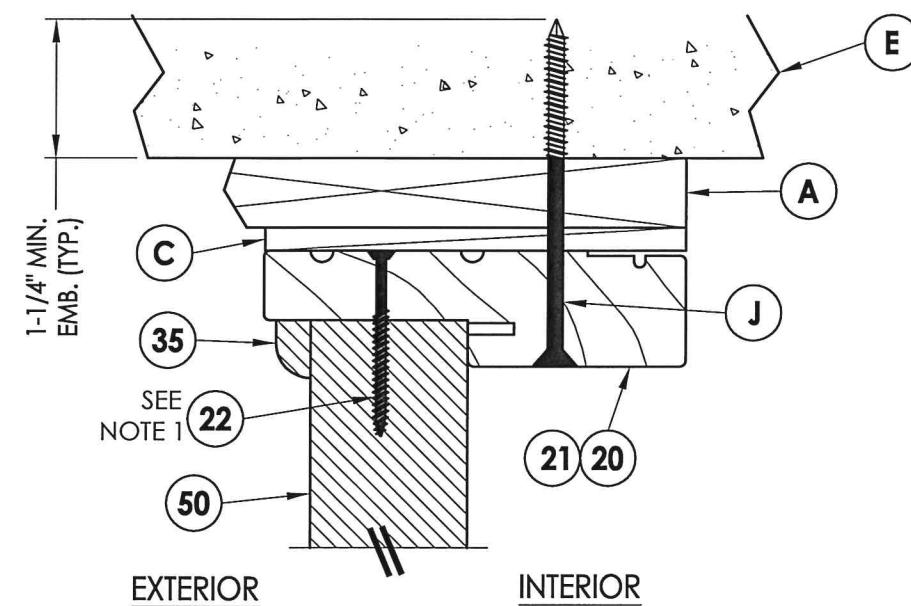
1 **VERTICAL CROSS SECTION**
7 Inswing shown - outswing
also approved

NOTE:

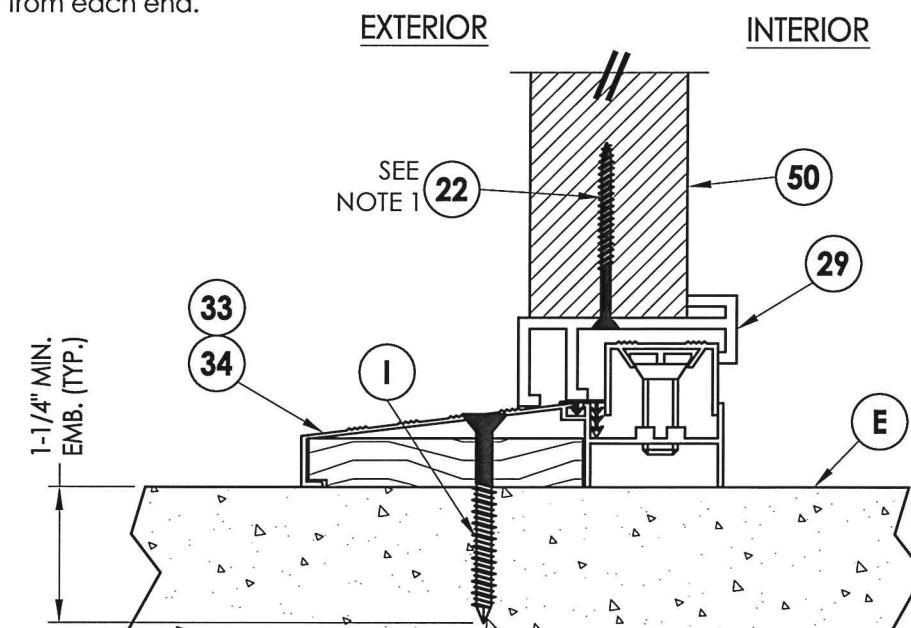
1. Sidelite panel secured to the sidelite frame as follows:
14" nom. panel: (2) of item #22 located 3" from each end.
36" nom. panel: (2) of item #22 located 6" from each end.



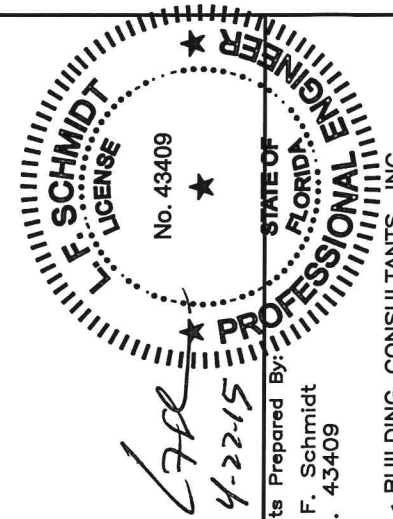
3 **VERTICAL CROSS SECTION**
7 Inswing shown - outswing
also approved



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



4 **VERTICAL CROSS SECTION**
7 Inswing configuration

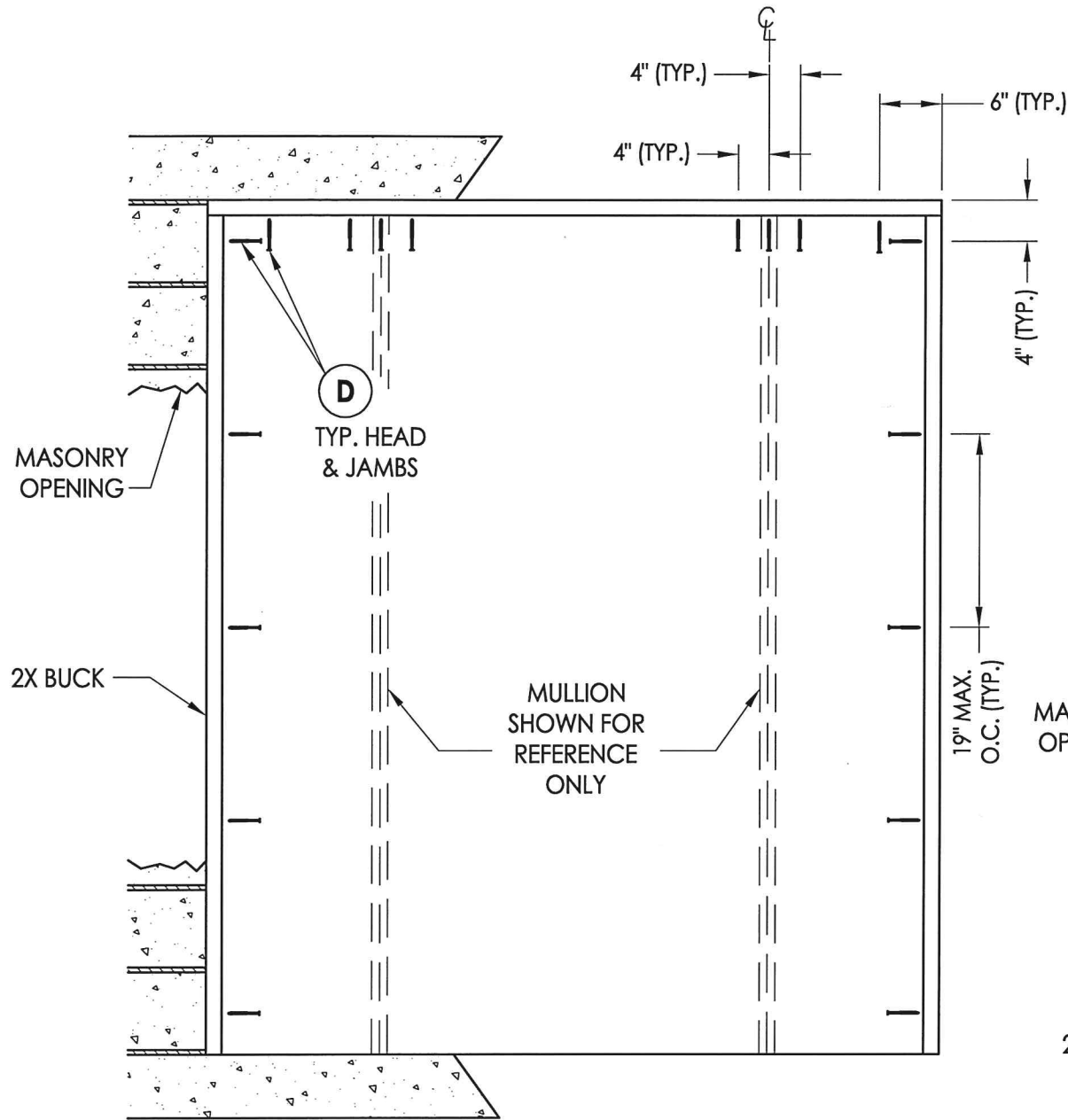


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BUCK ANCHORING

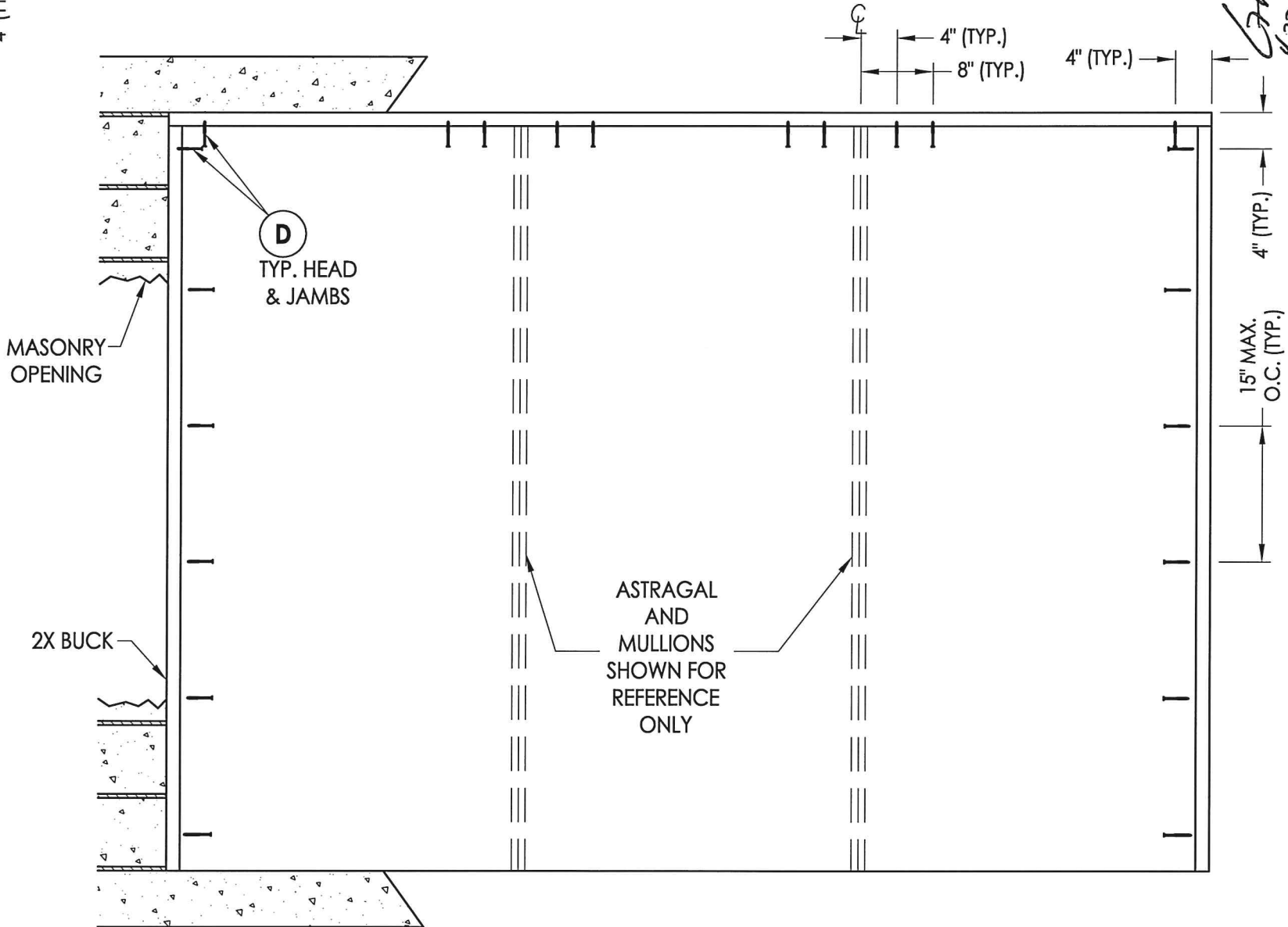
CONCRETE ANCHOR NOTES:

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:

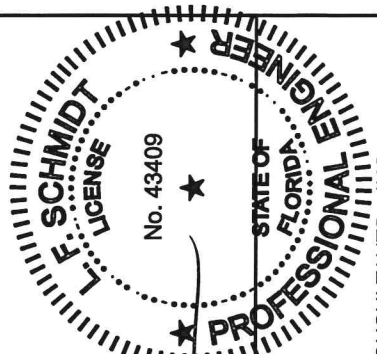
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
ELCO ULTRACON®	1/4"	1-1/4"	1"	4"

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.



BUCK ANCHORING



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PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
BUCK ANCHORING

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

DATE: 02/15/12

SCALE: N.T.S.

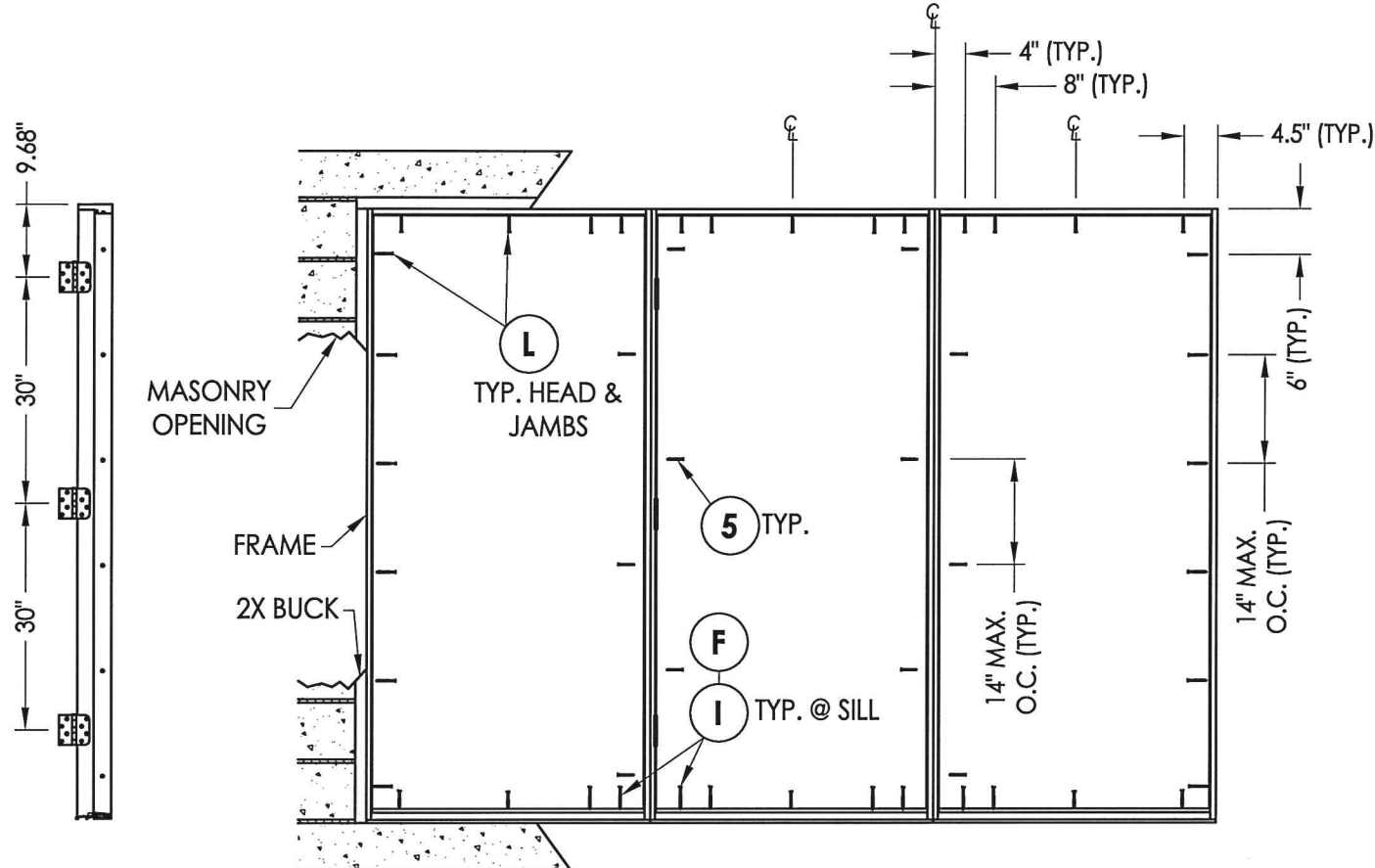
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15215.13

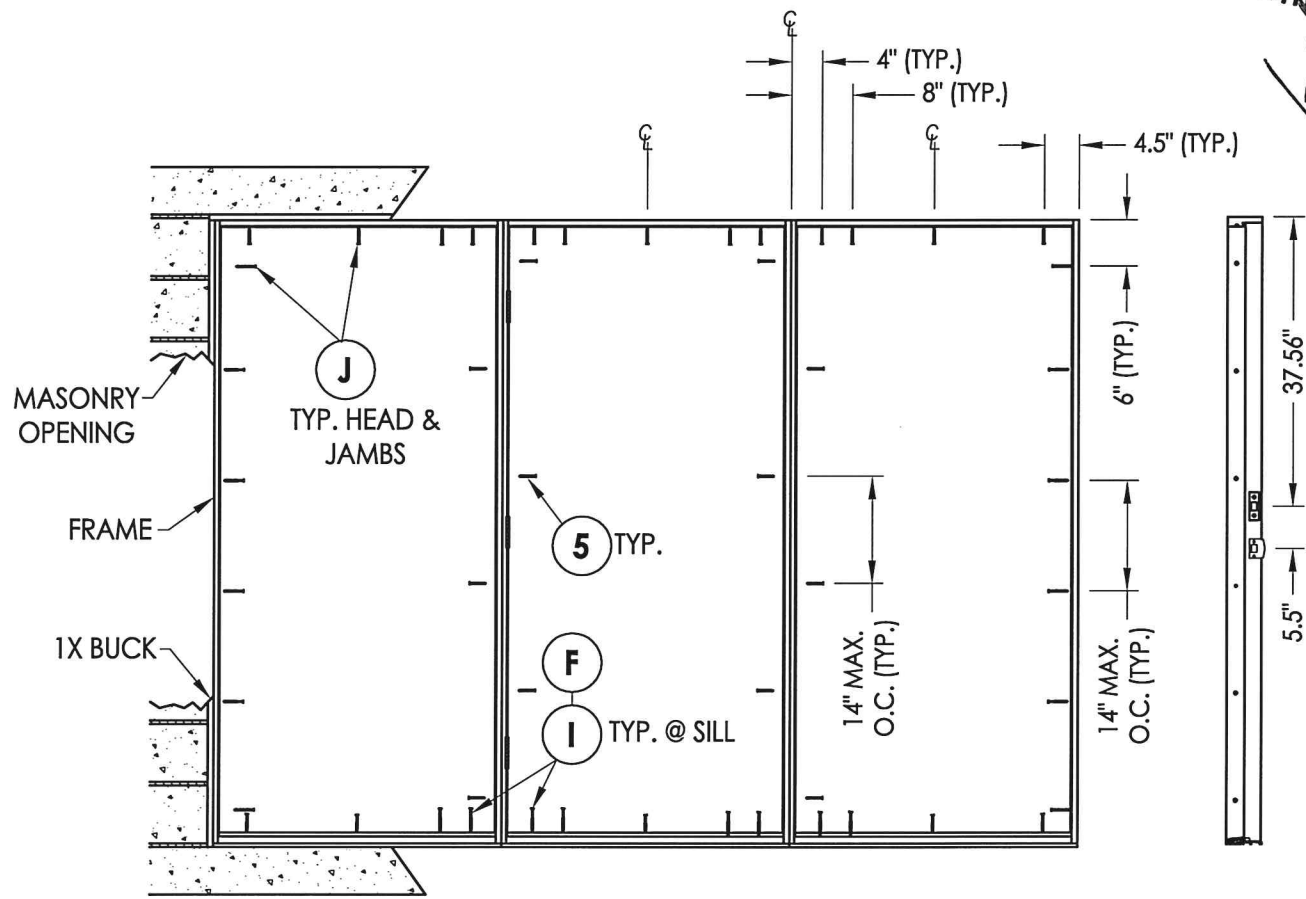
SHEET 8 OF 11

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HINGE JAMB

FRAME ANCHORING
Masonry 2X buck construction



FRAME ANCHORING
Masonry 1X buck construction

STRIKE JAMB

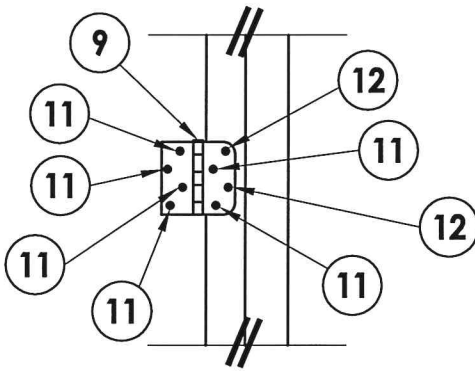
CONCRETE ANCHOR NOTES:

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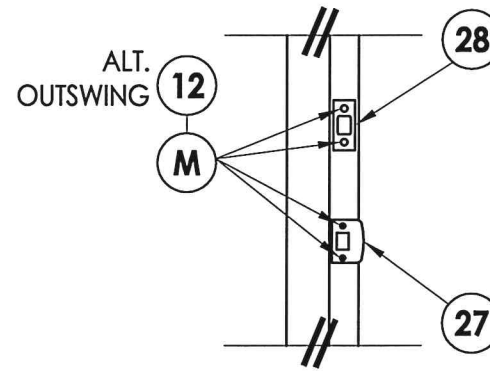
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ELCO ULTRACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

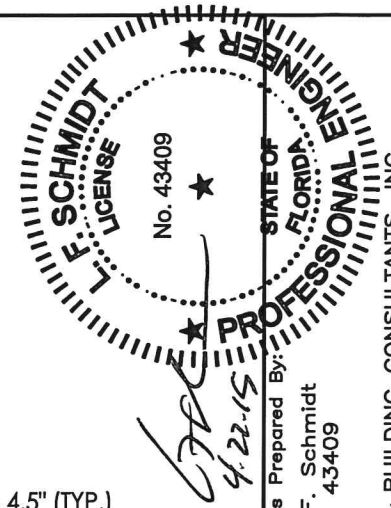
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



HINGE DETAIL



LATCH & DEADBOLT DETAIL



Documents Prepared By:
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PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

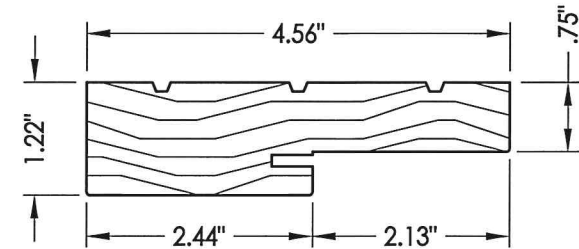
PART OR ASSEMBLY:
FRAME ANCHORING

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

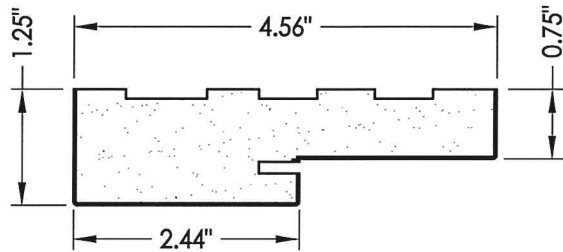
DATE: 02/15/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15215.13
SHEET 10 OF 11

RW BUILDING CONSULTANTS, INC.
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FBPE C.A. No. 9813

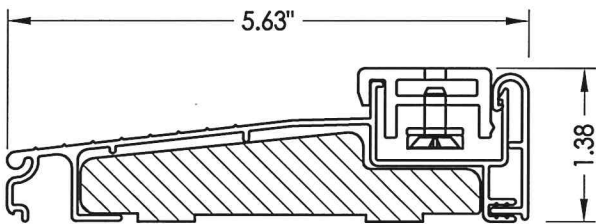
BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	1/4" X 2-3/4" PFH 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	-



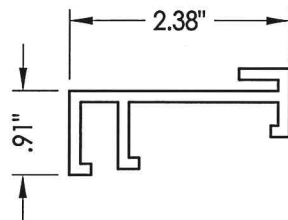
20 WOOD JAMB



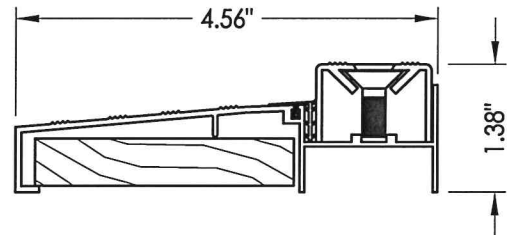
21 POLY FIBER JAMB



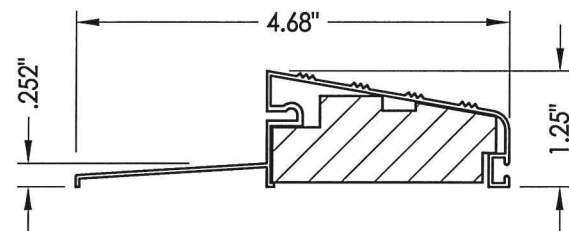
33 ADJUSTABLE INSWING THRESHOLD



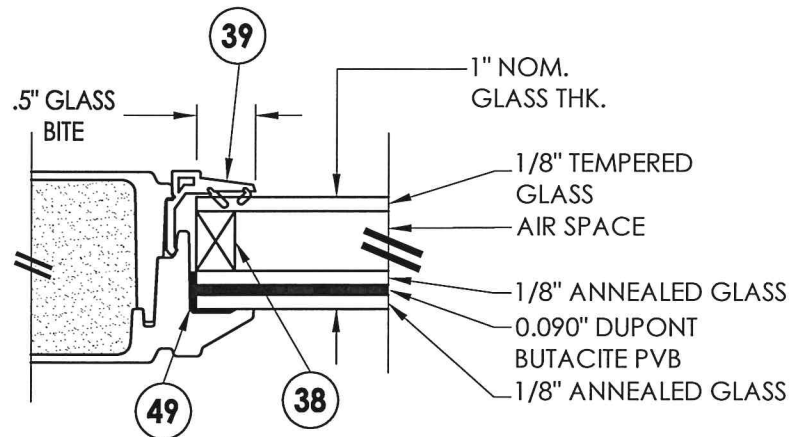
29 SIDELITE SPACER



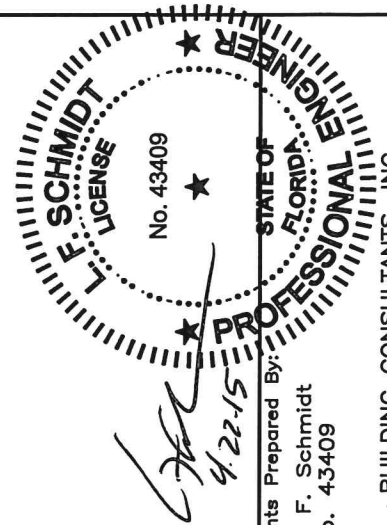
34 ADJUSTABLE INSWING THRESHOLD



31 OUTSWING BUMP THRESHOLD



G1 GLAZING DETAIL



Documents Prepared By:
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RW BUILDING CONSULTANTS, INC.
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:
BILL OF MATERIALS, GLAZING
DETAIL & COMPONENTS

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

DATE: 02/15/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15215.13

SHEET 11 OF 11