

plastpro

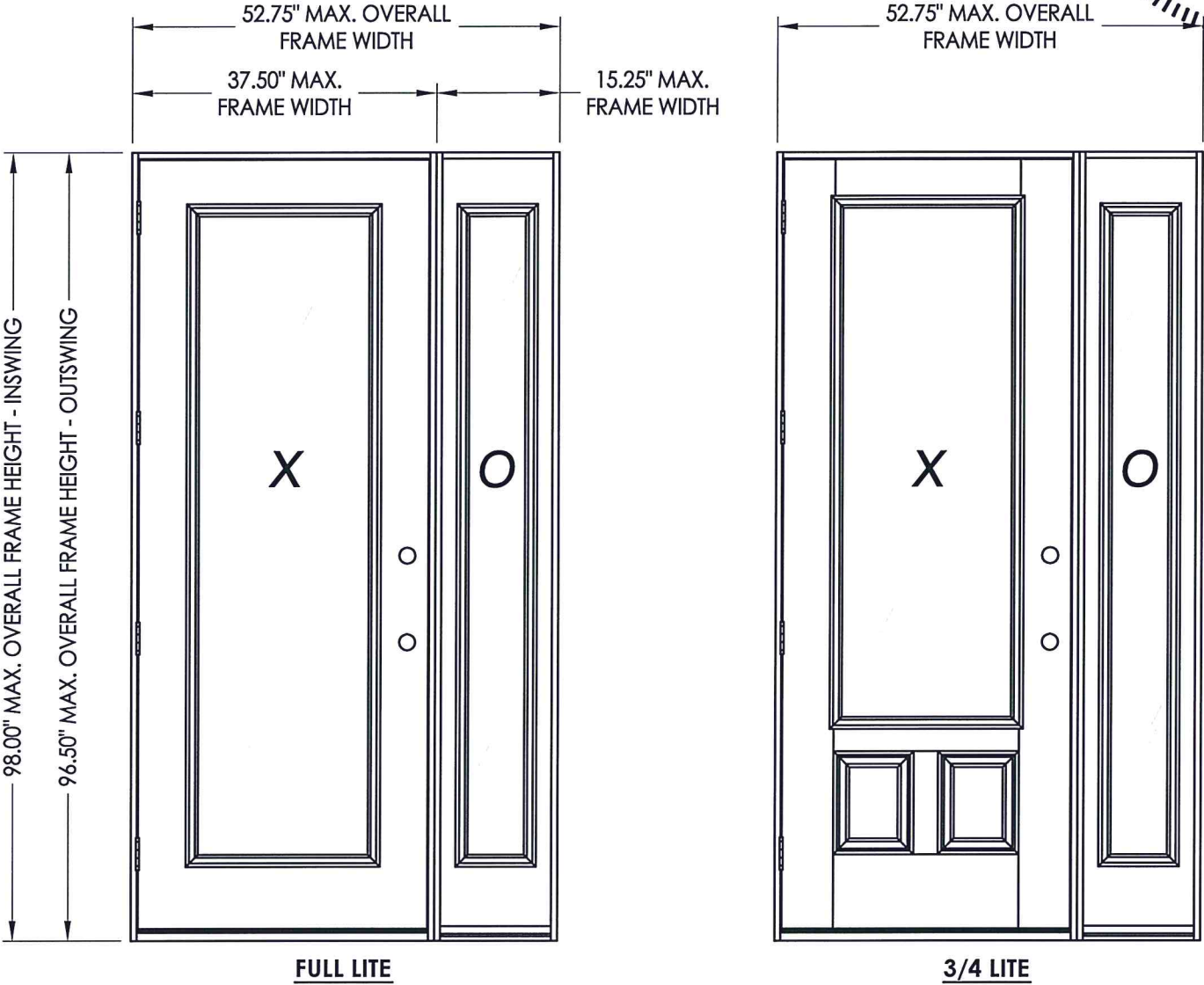
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

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

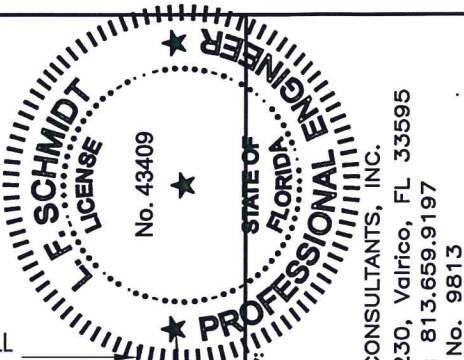
GENERAL NOTES

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 is required to 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 elevations, design pressures, & general notes
2	Door panel details
3	Sidelite panel details
4	Horizontal cross sections
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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	OVERALL DOOR D.L.O.		OVERALL SIDELITE D.L.O.	GLASS TYPE	DESIGN PRESSURE (PSF)	
						POSITIVE	NEGATIVE
INSWING	52.75" x 98.00"	FULL LITE	21.00" x 79.00"	7.00" x 79.00"	G1	+42.0	-48.0
		3/4 LITE	21.00" x 63.00"			+42.0	-48.0
OUTSWING	52.75" x 96.50"	FULL LITE	21.00" x 79.00"	7.00" x 79.00"		+42.0	-42.0
		3/4 LITE	21.00" x 63.00"			+42.0	-42.0

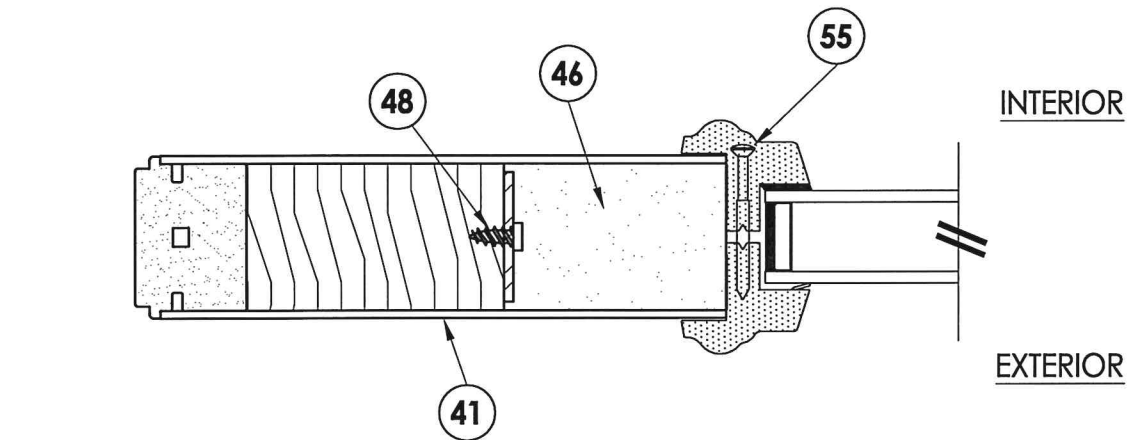


Documents Prepared By: Lyndon F. Schmidt
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Phone No.: 813.659.9197
FBPE C.A. No. 9813

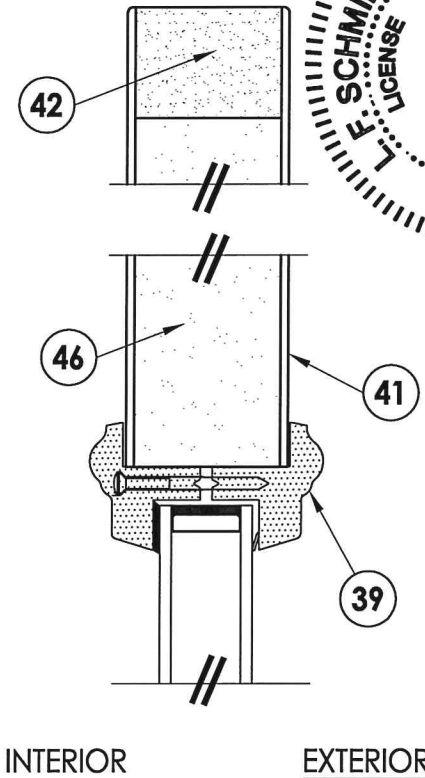
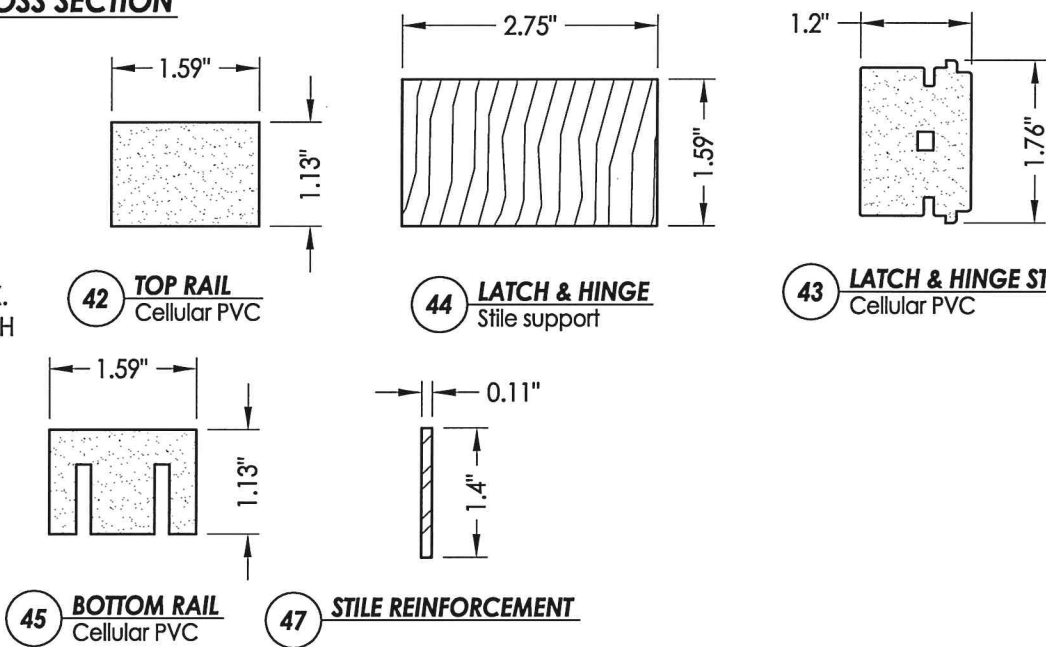
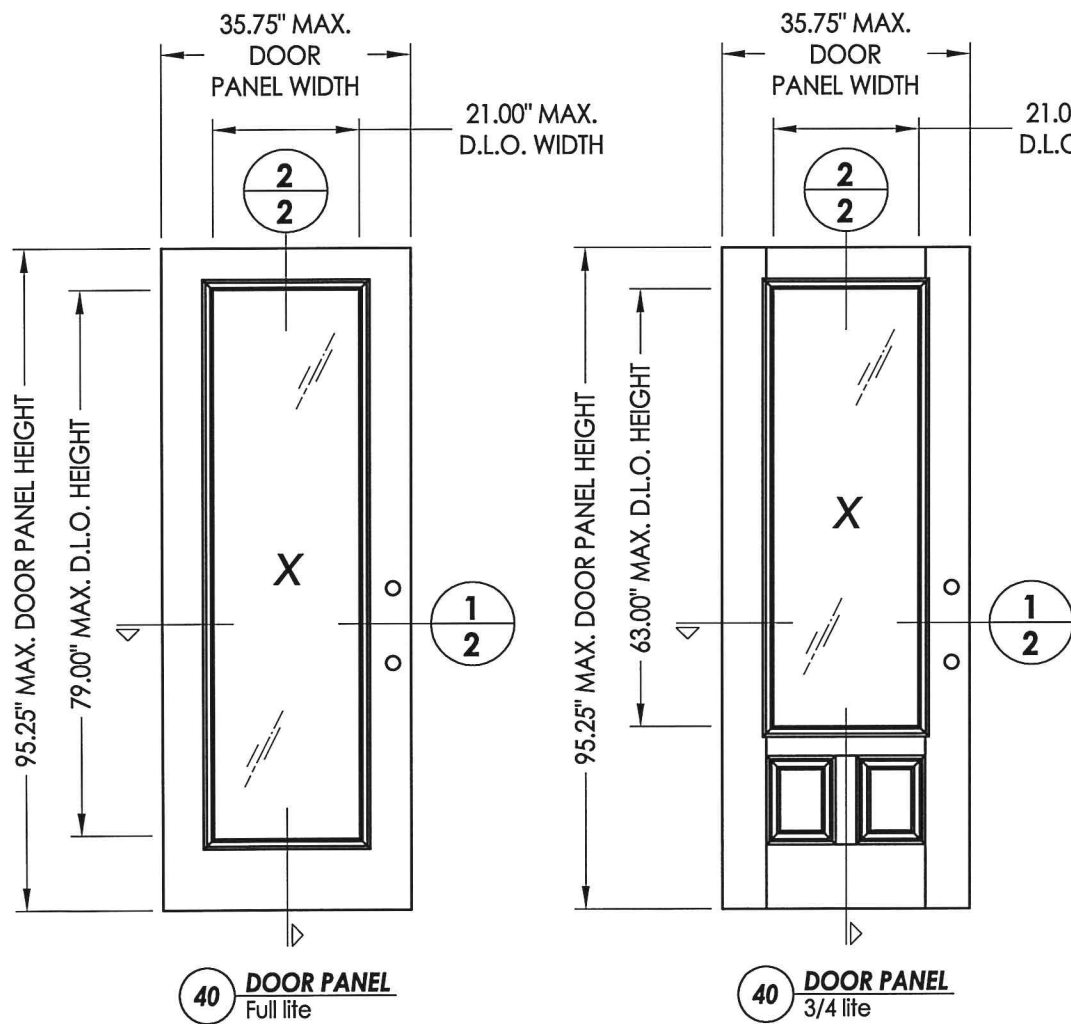
PRODUCT: PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY: TYPICAL ELEVATIONS, DESIGN PRESSURES & GENERAL NOTES

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

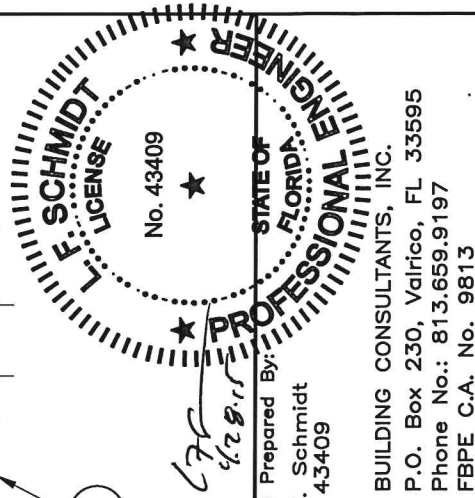
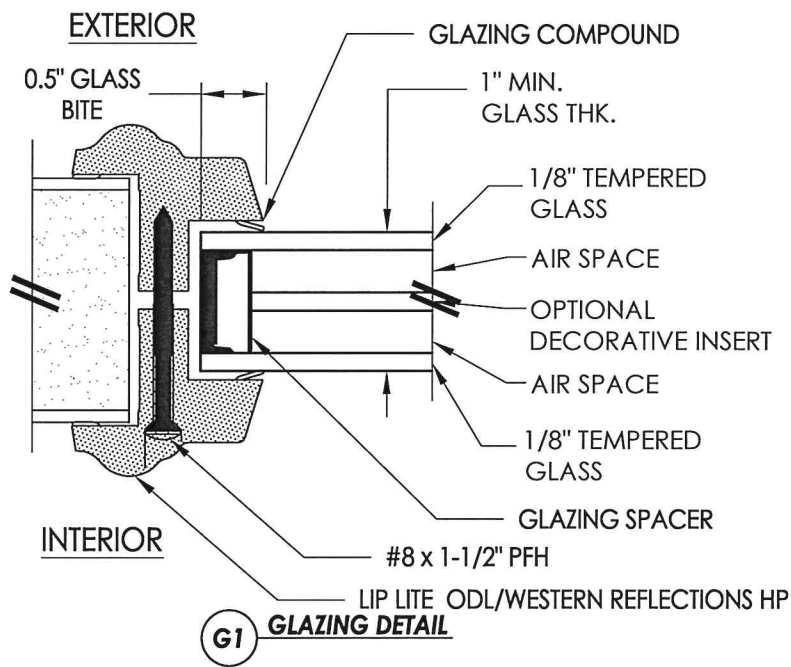
DATE: 02/16/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15213.33
SHEET 1 OF 9



1
2 HORIZONTAL CROSS SECTION



2
2 VERTICAL CROSS SECTION

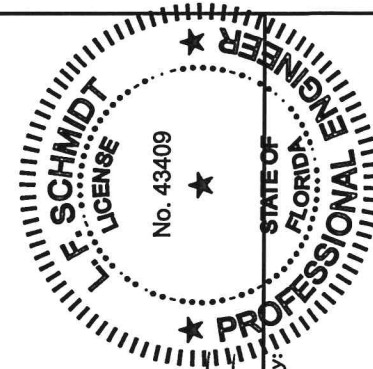
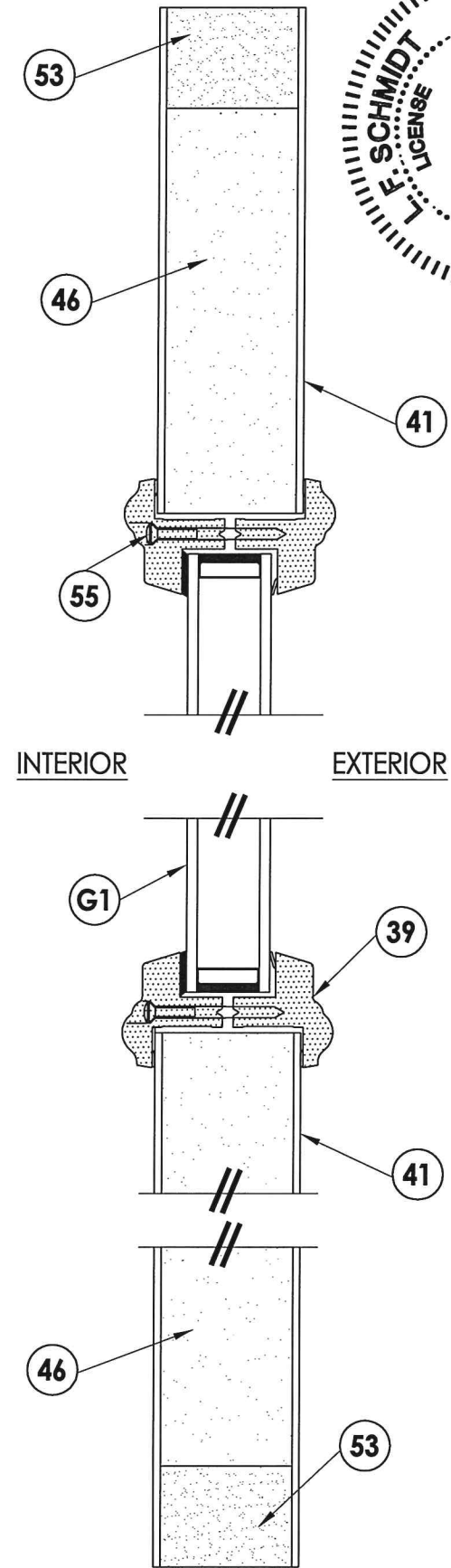
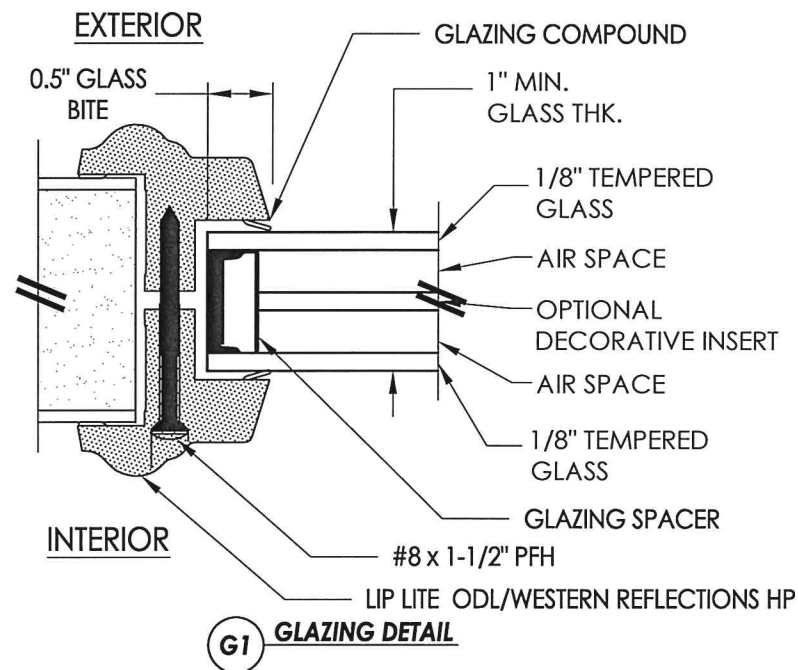
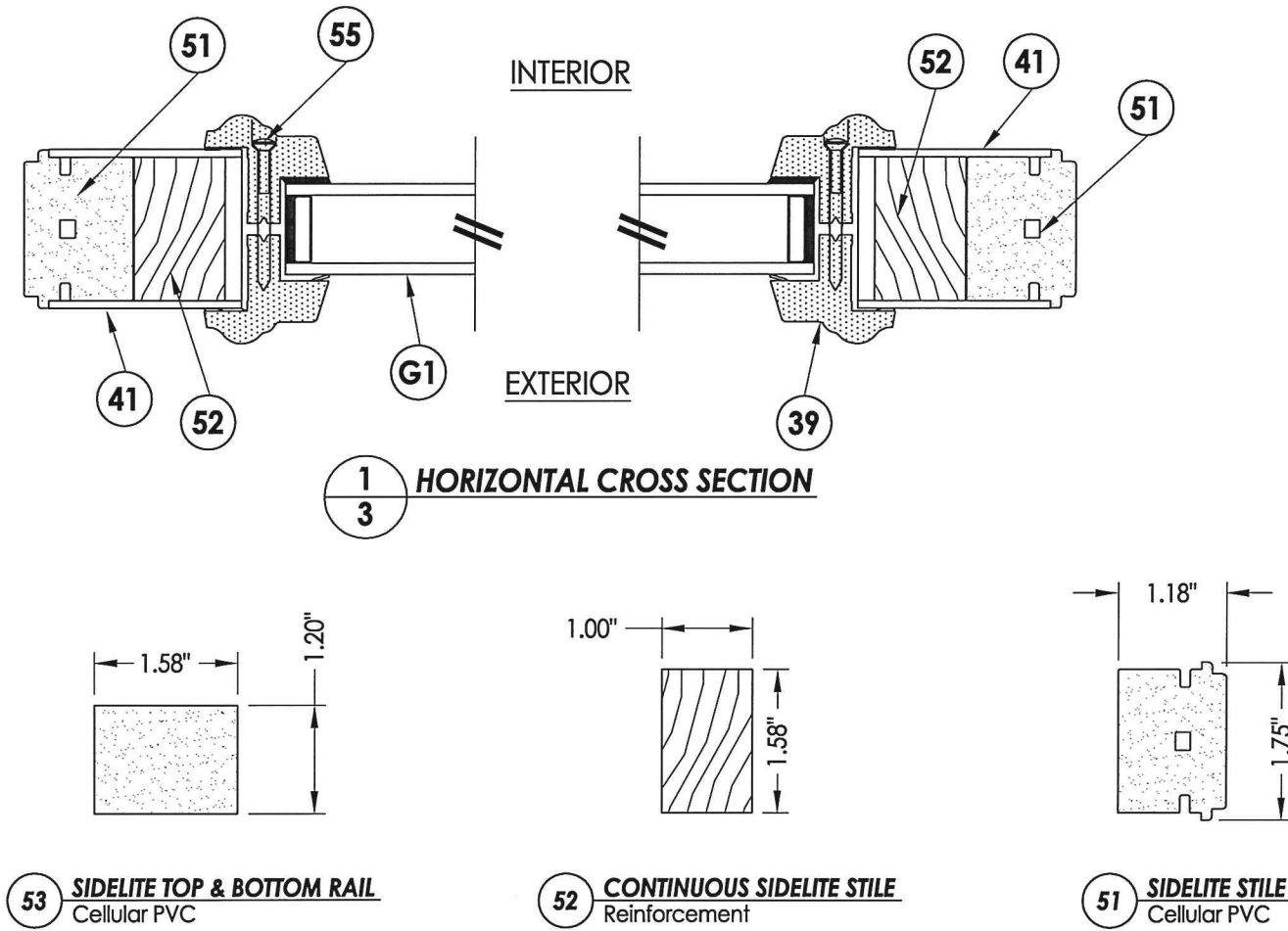
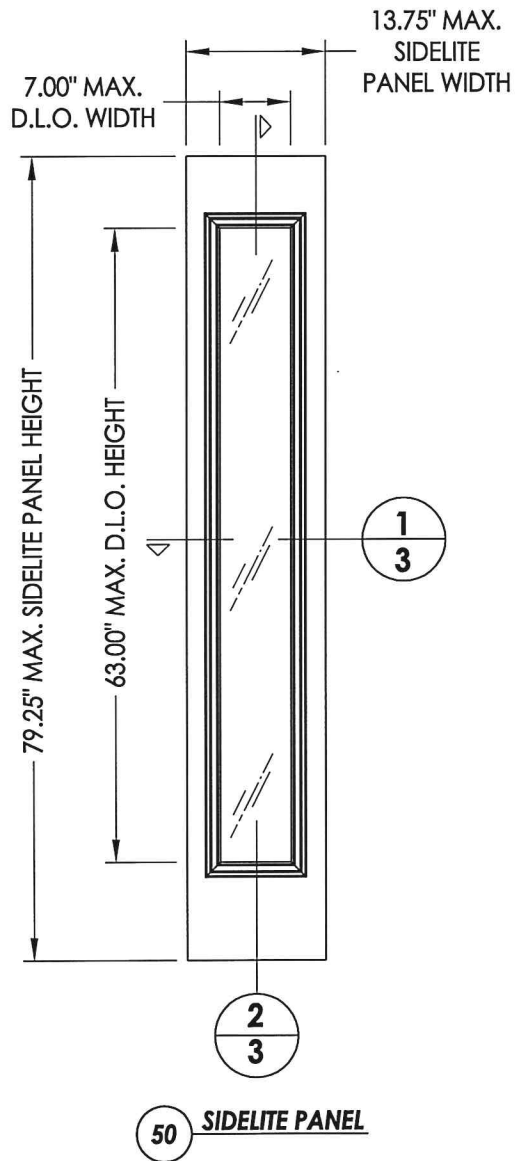


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PRODUCT:		PLASTPRO INC. FIBERGLASS DOOR	
PART OR ASSEMBLY:		DOOR PANEL DETAILS	
DATE:		02/16/12	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-15213.33	
SHEET		2	OF 9
REVISIONS			
NO.		1	04/22/15
DATE		UPDATE TO 5TH ED. (2014) FBC	
BY		JK	

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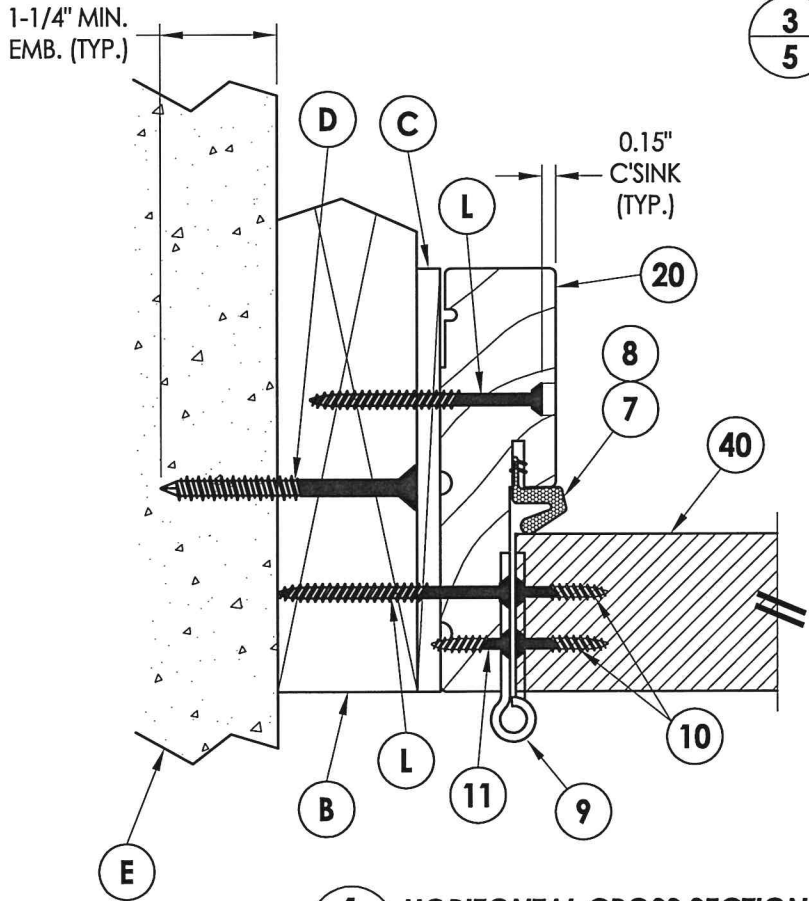
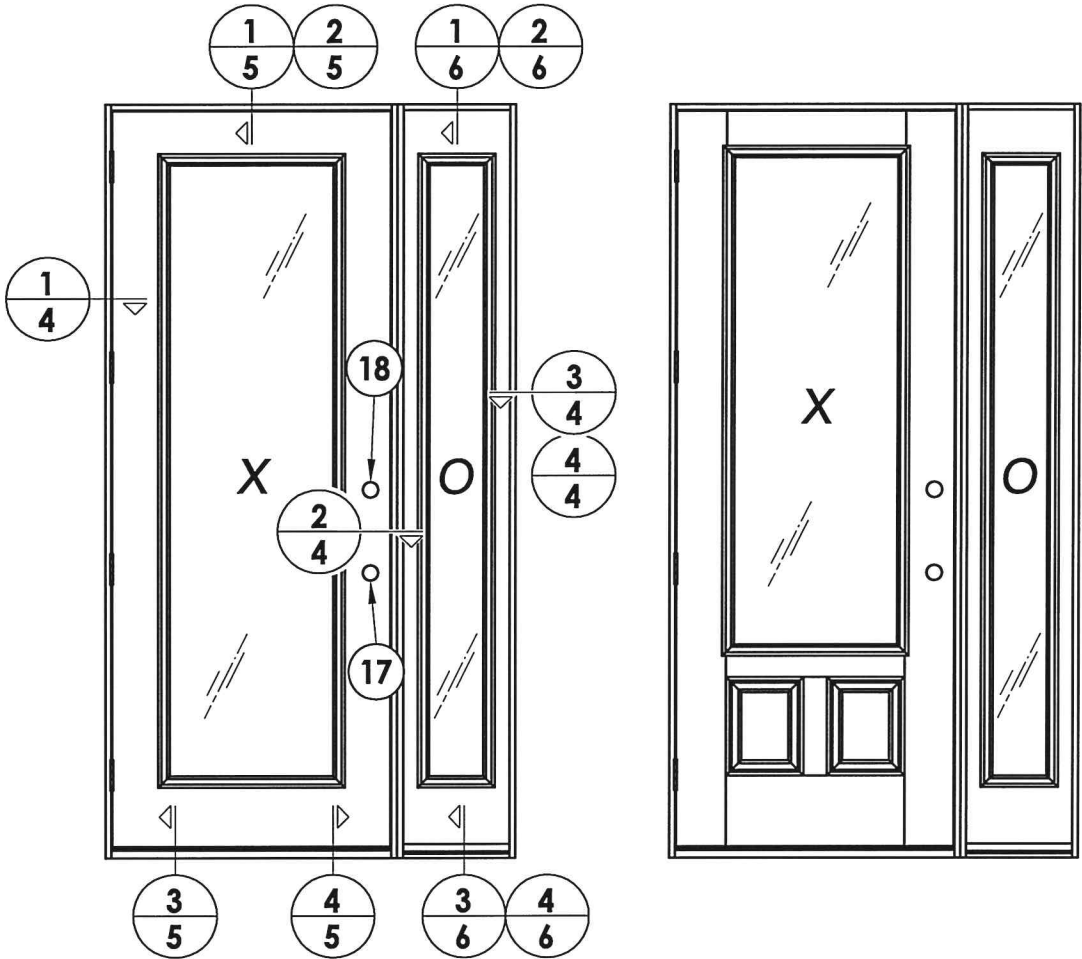
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PRODUCT:		PLASTPRO INC. FIBERGLASS DOOR	
PART OR ASSEMBLY:		SIDELITE PANEL DETAILS	
DATE:		02/16/12	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-15213.33	
SHEET		3	OF 9
REVISIONS			
NO.	DATE	DESCRIPTION	BY
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC	JK

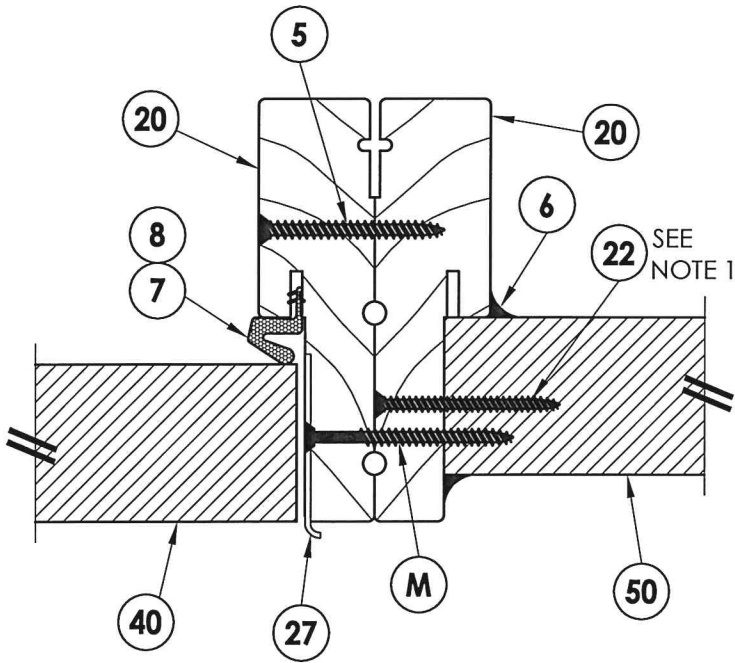
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NOTE:
1. Sidelite panel secured to the sidelite frame with (6) of item #22 located 5", 22.05", 39.10", 56.15", 73.2", & 90.25" from top of each jamb and (2) of item #22 in the head and sill 3" from each end



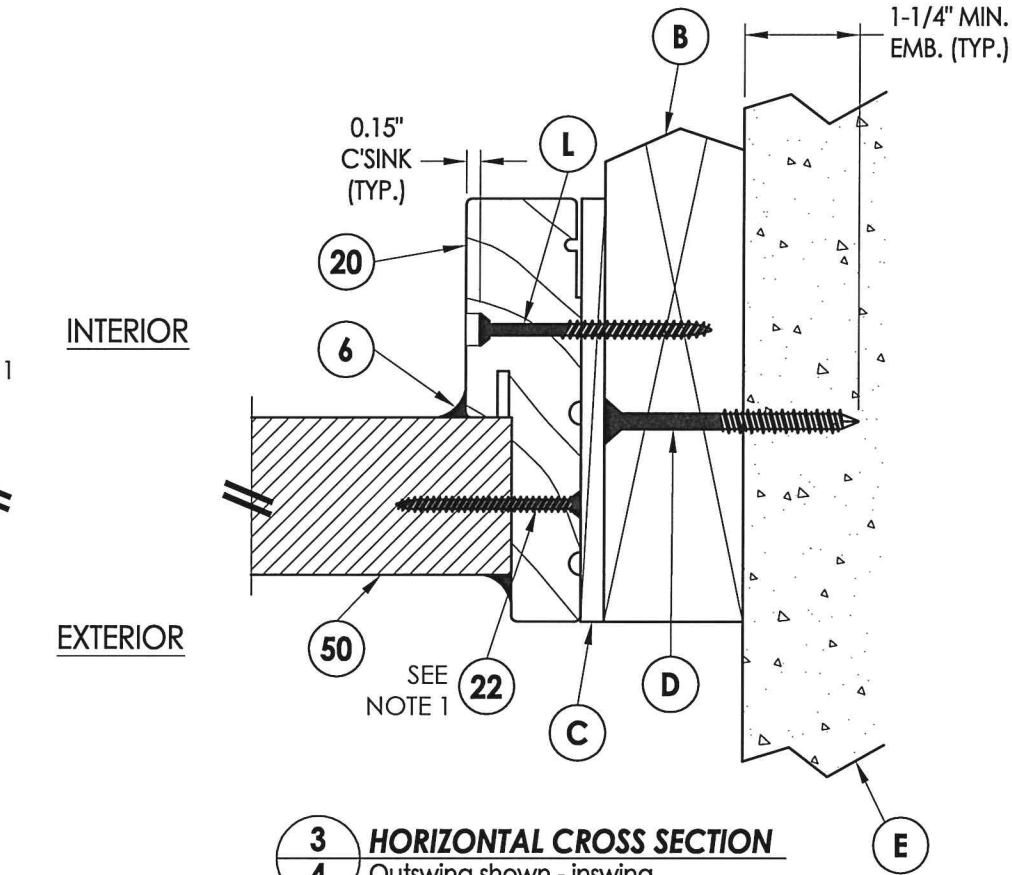
1
4 **HORIZONTAL CROSS SECTION**
Outswing shown - inswing also approved

INTERIOR
EXTERIOR



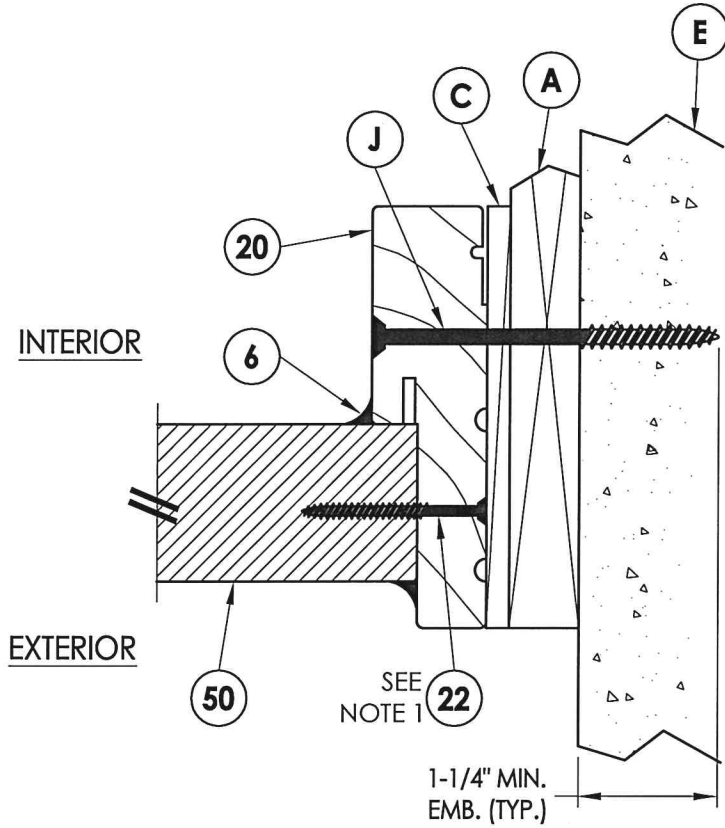
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4 **HORIZONTAL CROSS SECTION**
Outswing shown - inswing also approved

INTERIOR
EXTERIOR

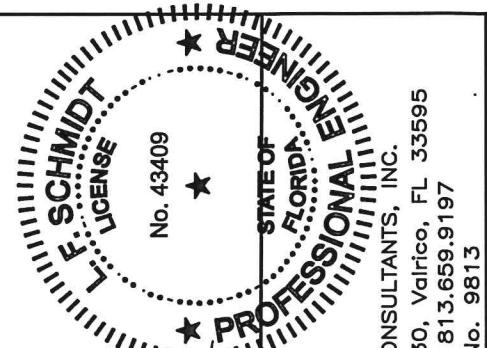


3
4 **HORIZONTAL CROSS SECTION**
Outswing shown - inswing also approved

INTERIOR
EXTERIOR



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



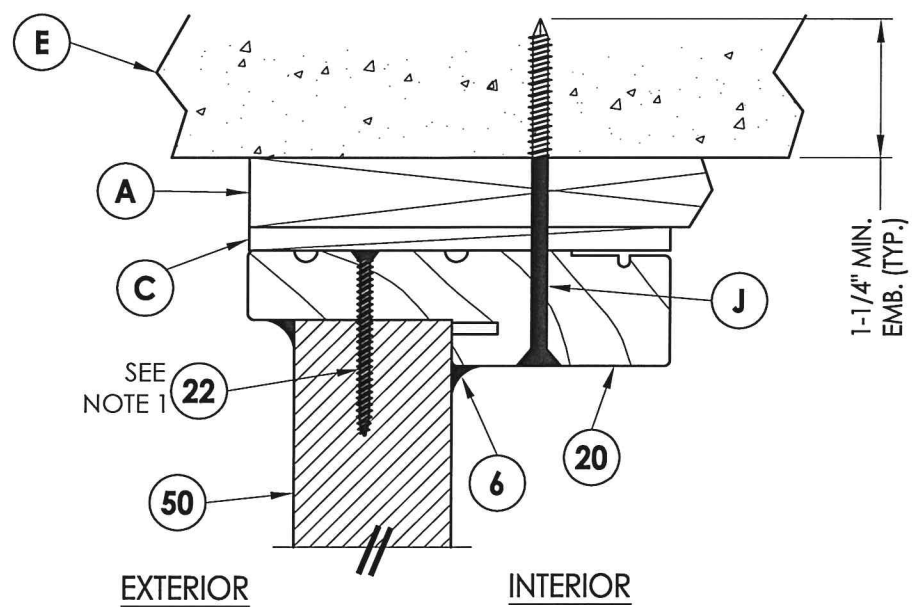
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Phone No.: 813.659.9197
FBPE C.A. No. 9813

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

NO.	DATE	REVISIONS	BY
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-15213.33
SHEET 4 OF 9

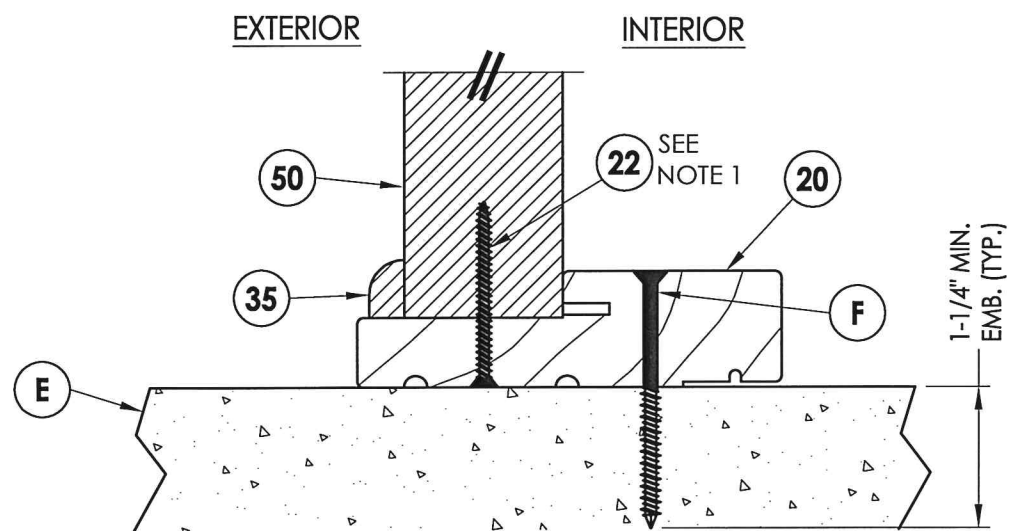
1 **VERTICAL CROSS SECTION**
6 Outswing shown - inswing
also approved



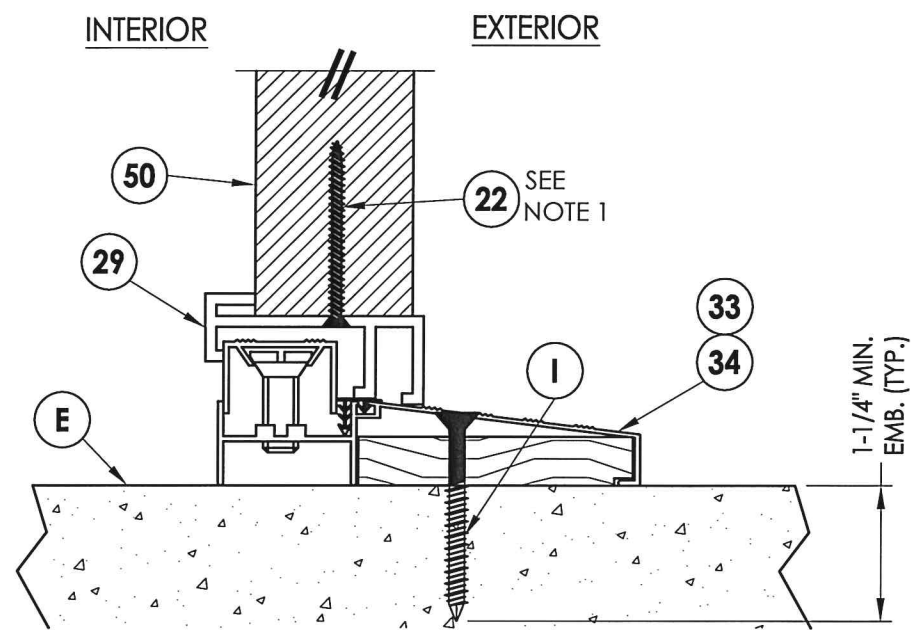
2 VERTICAL CROSS SECTION
6 Shown w/1X sub-buck

NOTE:

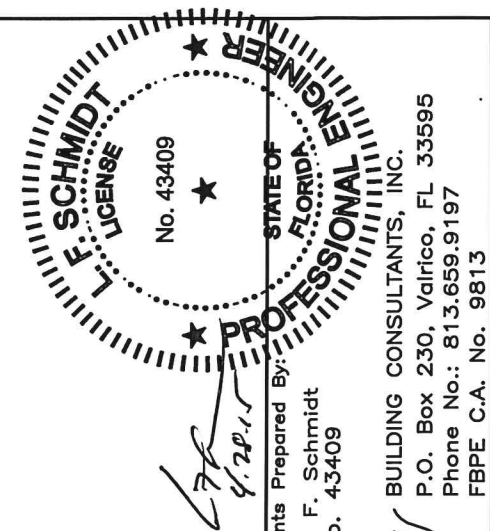
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3 **VERTICAL CROSS SECTION**
6 Outswing configuration



4 VERTICAL CROSS SECTION
6 Inswing configuration

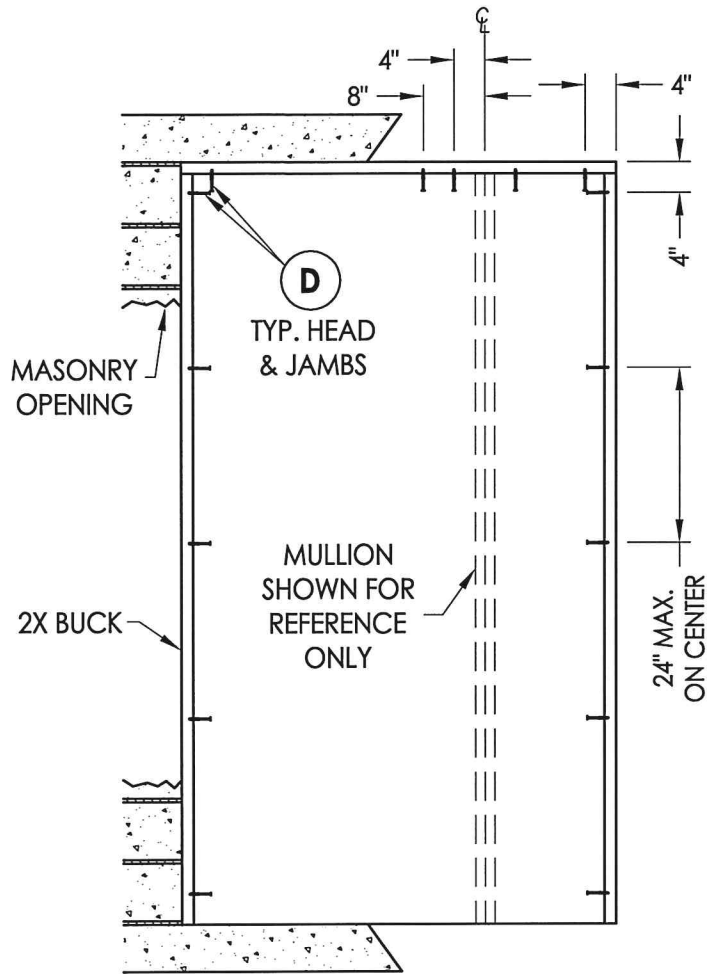


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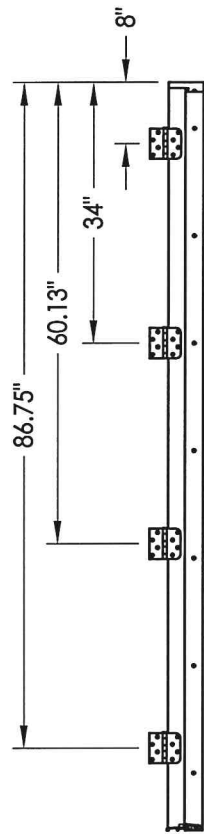
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
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DATE: 02/16/12		PRODUCT:		PLASTPRO INC. FIBERGLASS DOOR
SCALE: N.T.S.				
DWG. BY: JK				
CHK. BY: LFS				
DRAWING NO.: FL-15213.33				
SHEET 6 OF 9	PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS	
NO.		DATE	UPDATE TO 5TH ED. (2014) FBC	JK
NO.		DATE		BY
REVISIONS				

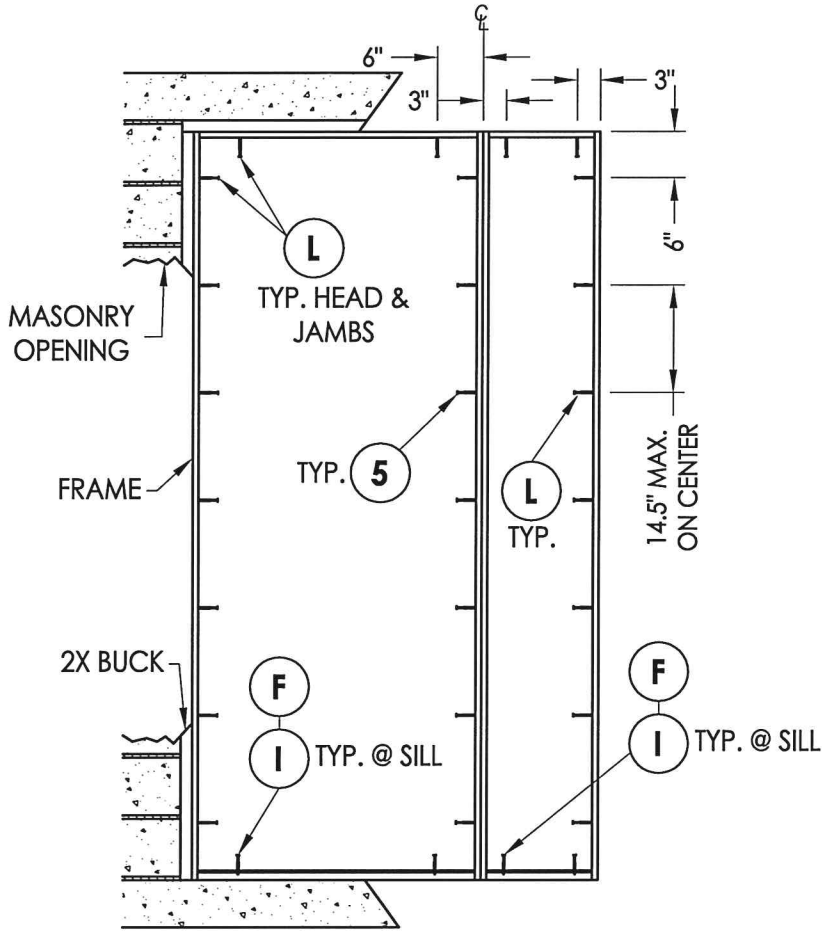
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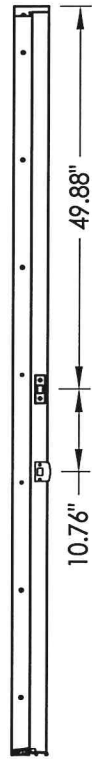
BUCK ANCHORING



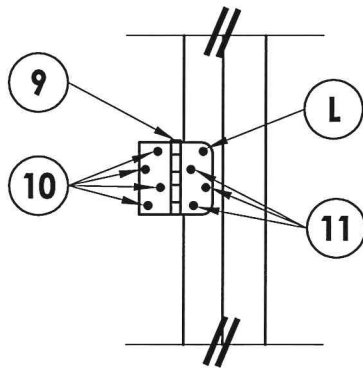
HINGE JAMB



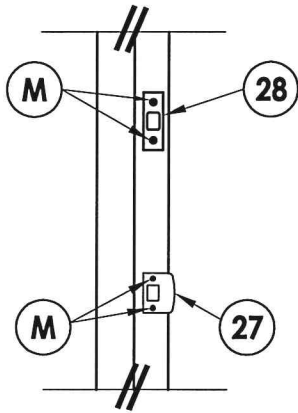
FRAME ANCHORING
Masonry 2X buck construction



STRIKE JAMB



HINGE DETAIL



LATCH & DEADBOLT DETAIL

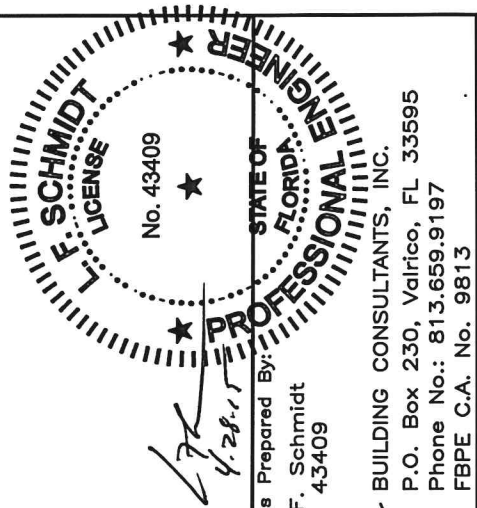
CONCRETE ANCHOR NOTES:

- 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.

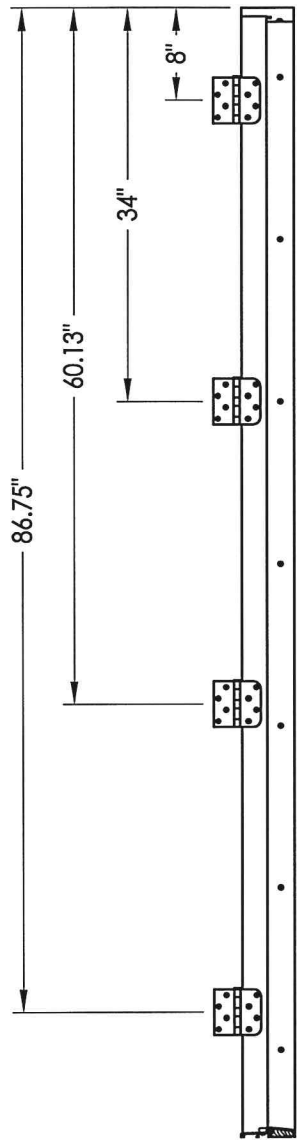


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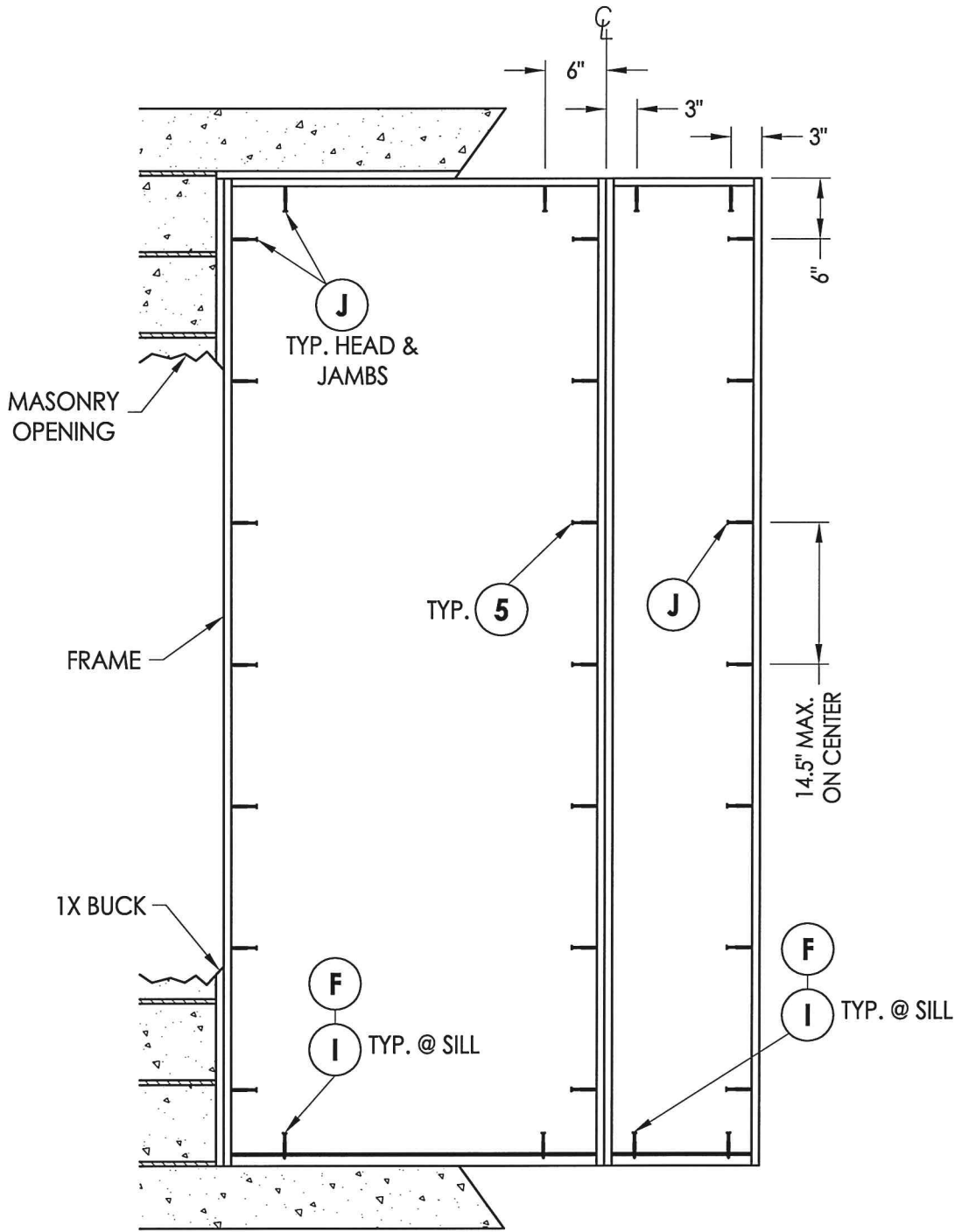
PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR
PART OR ASSEMBLY:
BUCK & FRAME ANCHORING 2X
BUCK MASONRY CONSTRUCTION

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

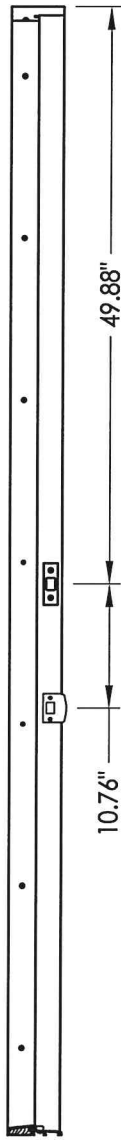
DATE: 02/16/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-15213.33
SHEET 7 OF 9



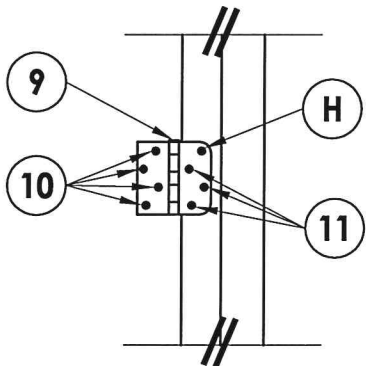
HINGE JAMB



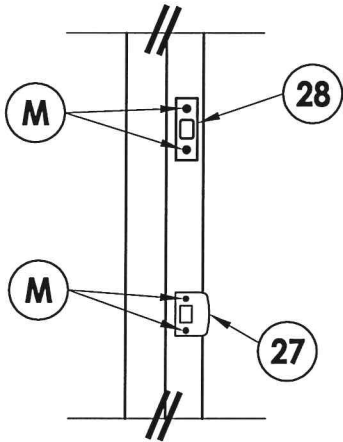
FRAME ANCHORING
Masonry 1X buck construction



STRIKE JAMB



HINGE DETAIL



LATCH & DEADBOLT DETAIL

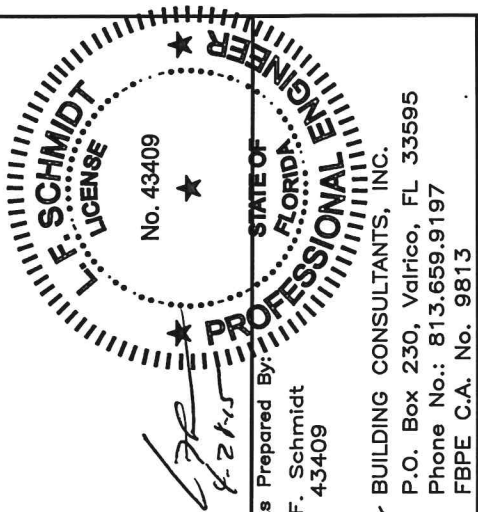
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ITW TAPCON®	1/4"	1-1/4"	2"	4"

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.



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PRODUCT: PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY: FRAME ANCHORING 1X BUCK MASONRY CONSTRUCTION

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

DATE: 02/16/12

SCALE: N.T.S.

DWG. BY: JK

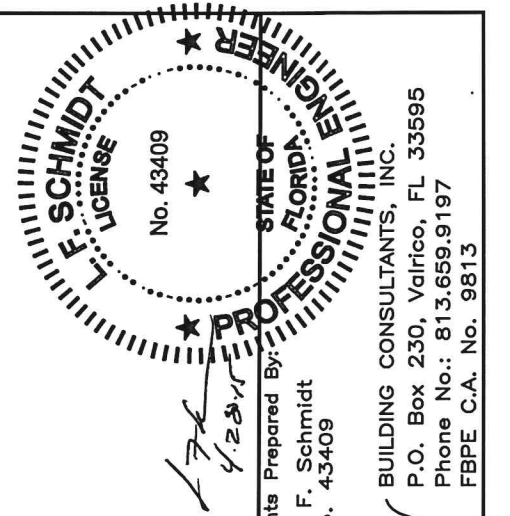
CHK. BY: LFS

DRAWING NO.:

FL-15213.33

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	CONTINUOUS LATCH & HINGE STILE REINFORCEMENT	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 REINFORCEMENT	WOOD
53	SIDELITE TOP & BOTTOM RAIL	CELLULAR PVC
55	#8 x 1-1/2" PFH LITE FRAME SCREW	STEEL



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PLASTPRO INC.
FIBERGLASS DOOR

1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK
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				BY

SHEET 9 OF 9