

plastpro

5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

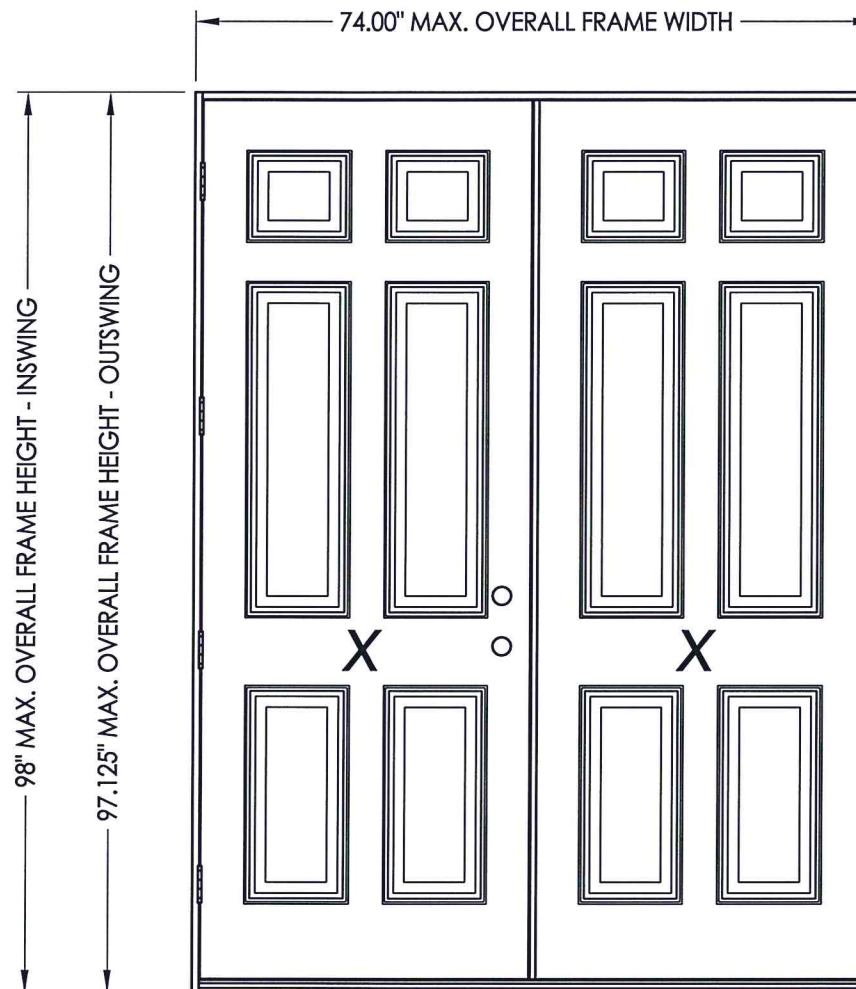
**Smooth / Wood Grain / White Wood Grain
Rustic / Mahogany
Series N Fiberglass Door
INSWING /OUTSWING
"NON-IMPACT"**

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

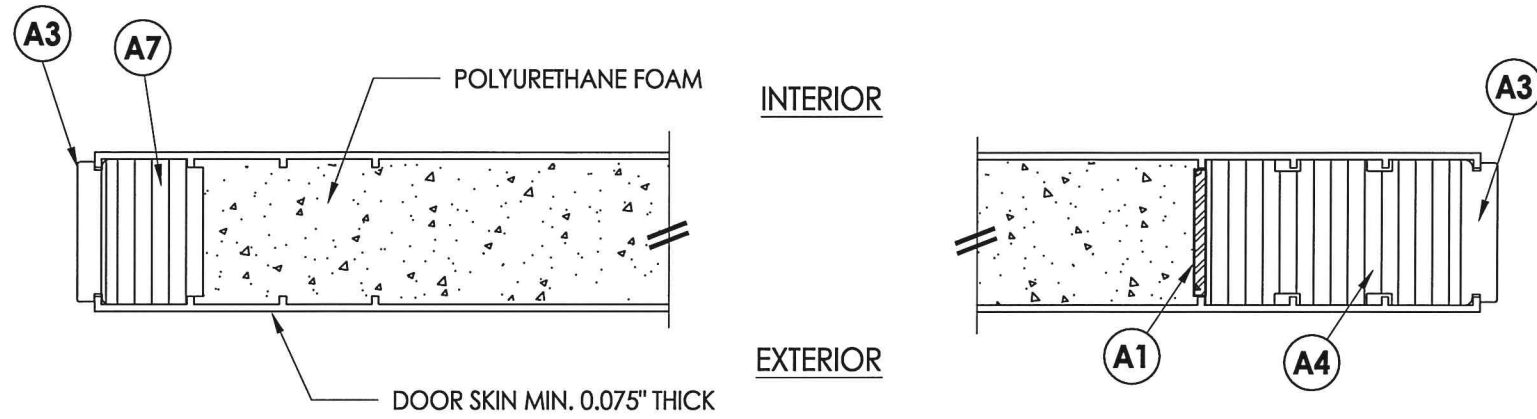
SHEET #	DESCRIPTION
1	Typical elevation, design pressures, & general notes
2	Door panel details
3	Horizontal cross sections
4	Vertical cross sections
5	Buck and frame anchoring - 2X buck masonry construction
6	Frame anchoring - 1X buck masonry construction
7	DLP astragal details
8	Bill of materials & components



SWING	OVERALL FRAME DIMENSION	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
OUTSWING	74.00" x 97.125"	+40.0	-40.0
INSWING	74.00" x 98.0"	+40.0	-40.0

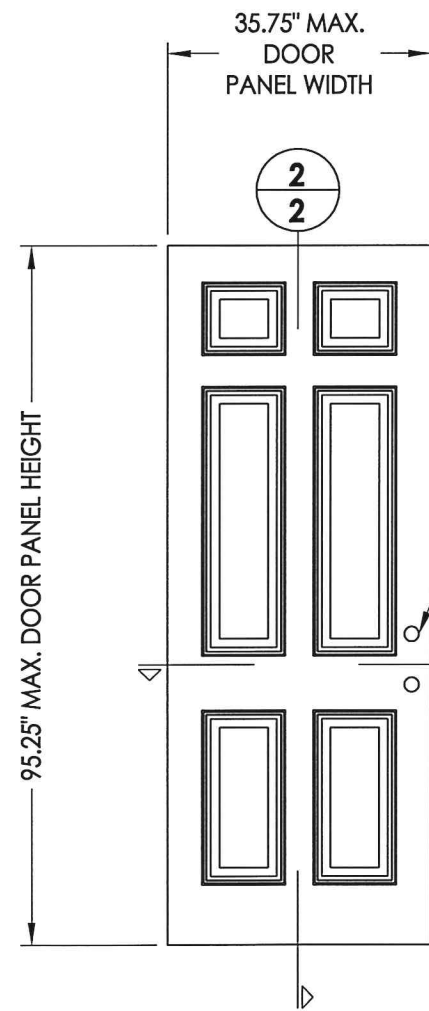
		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE C.A. No. 9813	
PRODUCT: PLASTPRO INC. FIBERGLASS DOOR		PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES			
				REVISIONS	
		1 04/22/15 UPDATE TO 5TH ED. (2014) FBC		JK BY	
		NO. DATE			
DATE: 05/01/12					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-15213.39					
SHEET 1 OF 8					

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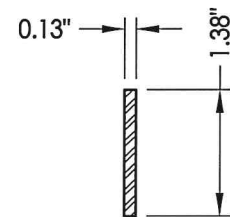
1
2 HORIZONTAL CROSS SECTION

HARDWARE TABLE	
MANUFACTURER	MODEL
KWIKSET	LEVER: SIGNATURE SERIES DEADBOLT: SIGNATURE SERIES (780)
SCHLAGE	LEVER: "F" SERIES (F10) DEADBOLT: "B" SERIES (B60/62)
SCHLAGE	HANDLE SET W/DEADBOLT: "F" SERIES (F60)

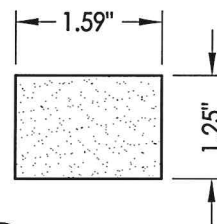


40 DOOR PANEL

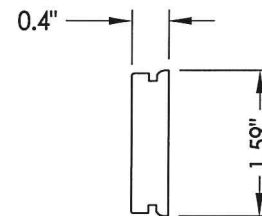
SEE HARDWARE
CHART



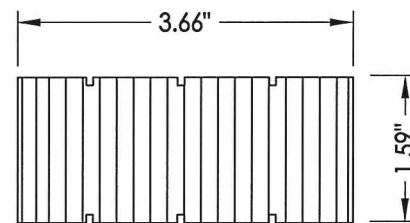
A1 STEEL REINFORCEMENT
.125" X 1.375" X 84" Long



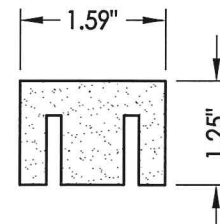
A2 TOP RAIL
PVC Comp.



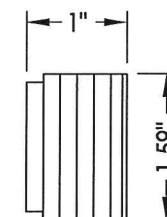
A3 LATCH & HINGE STILE CAP
PVC Comp.



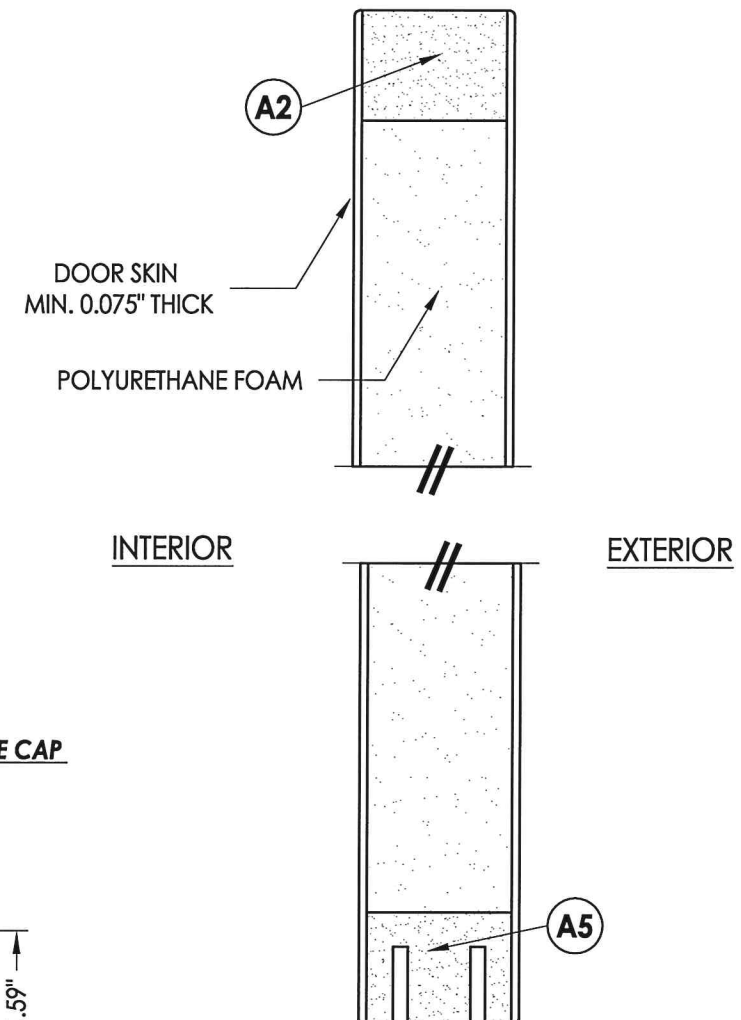
A4 LATCH STILE
LVL



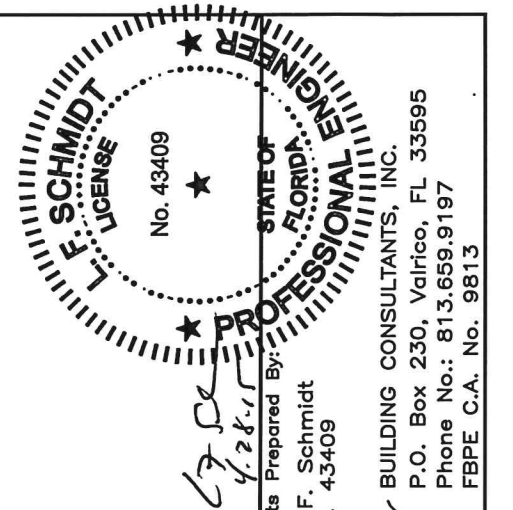
A5 BOTTOM RAIL
PVC Comp.



A7 HINGE STILE
LVL



2
2 VERTICAL CROSS SECTION

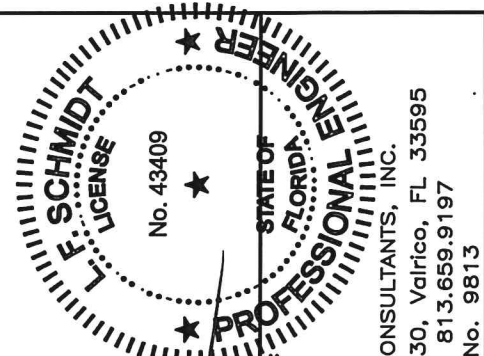
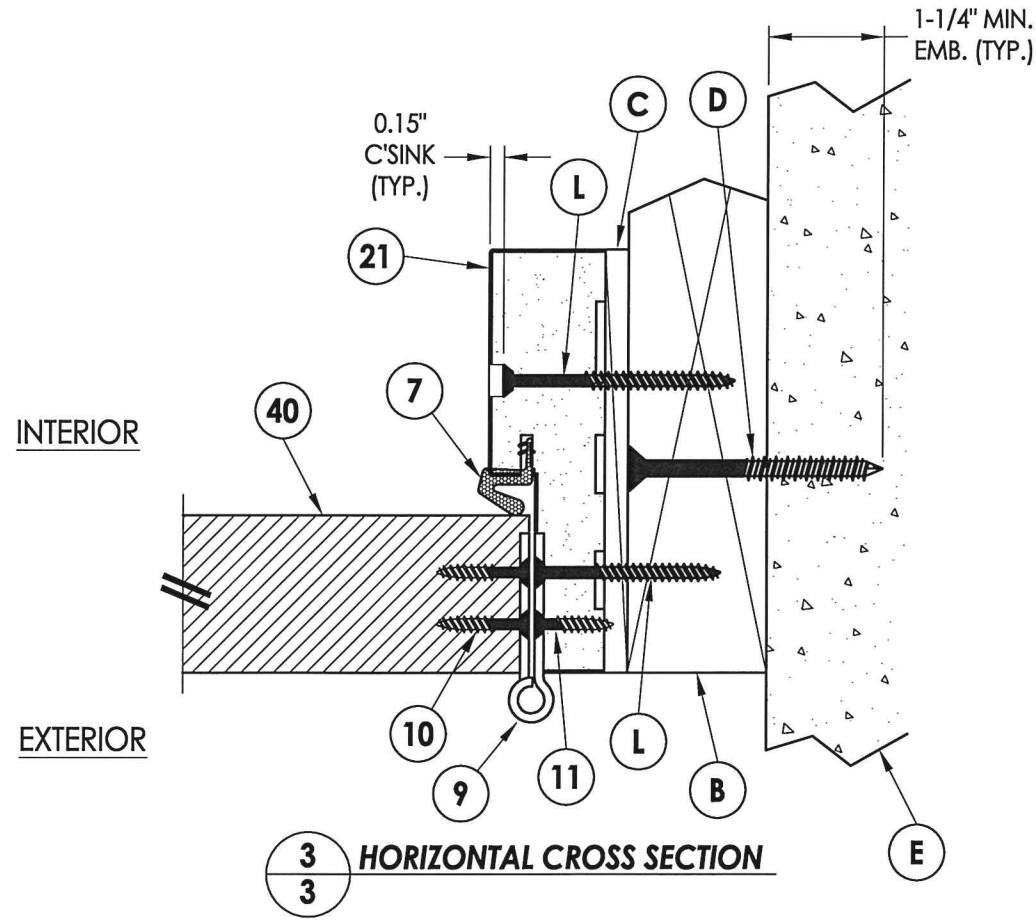
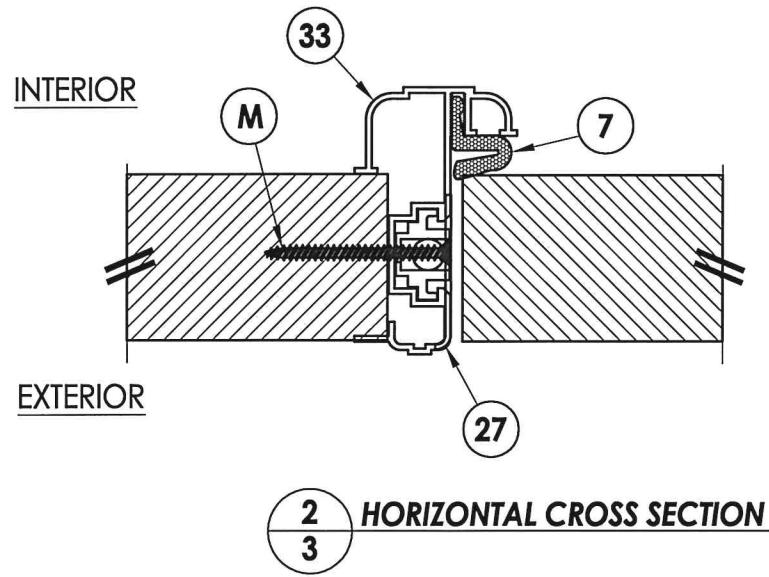
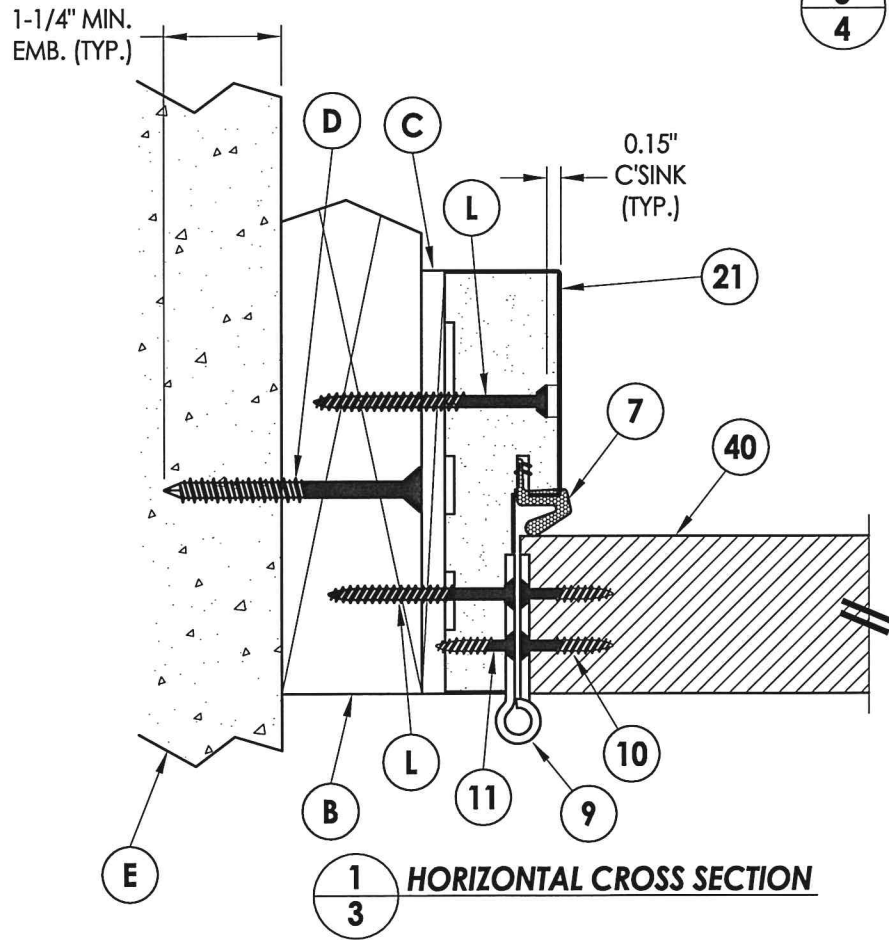
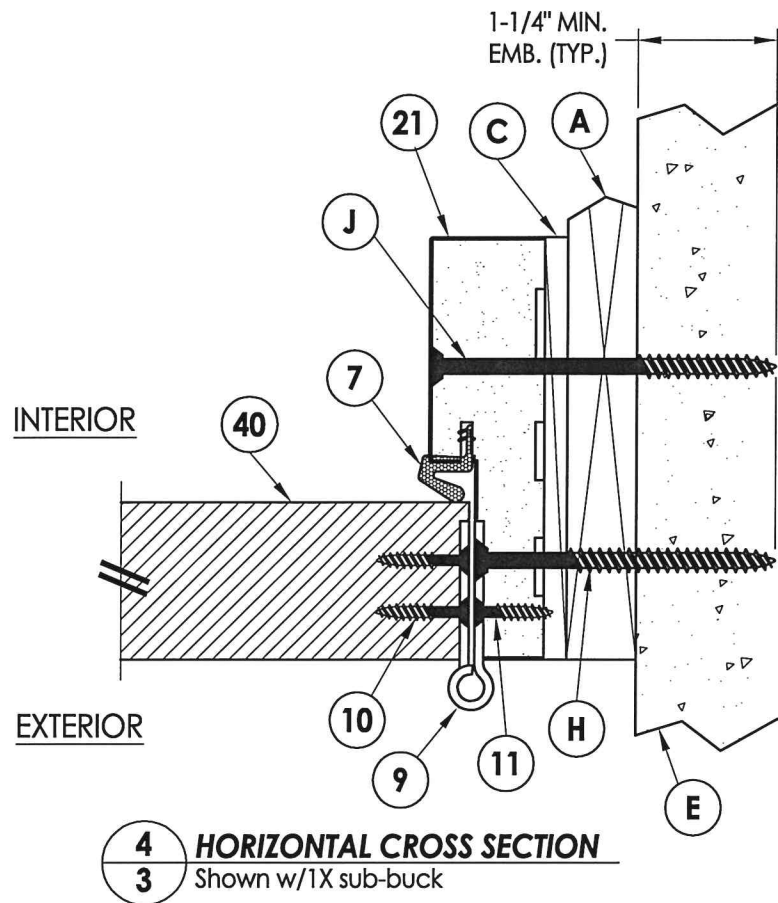
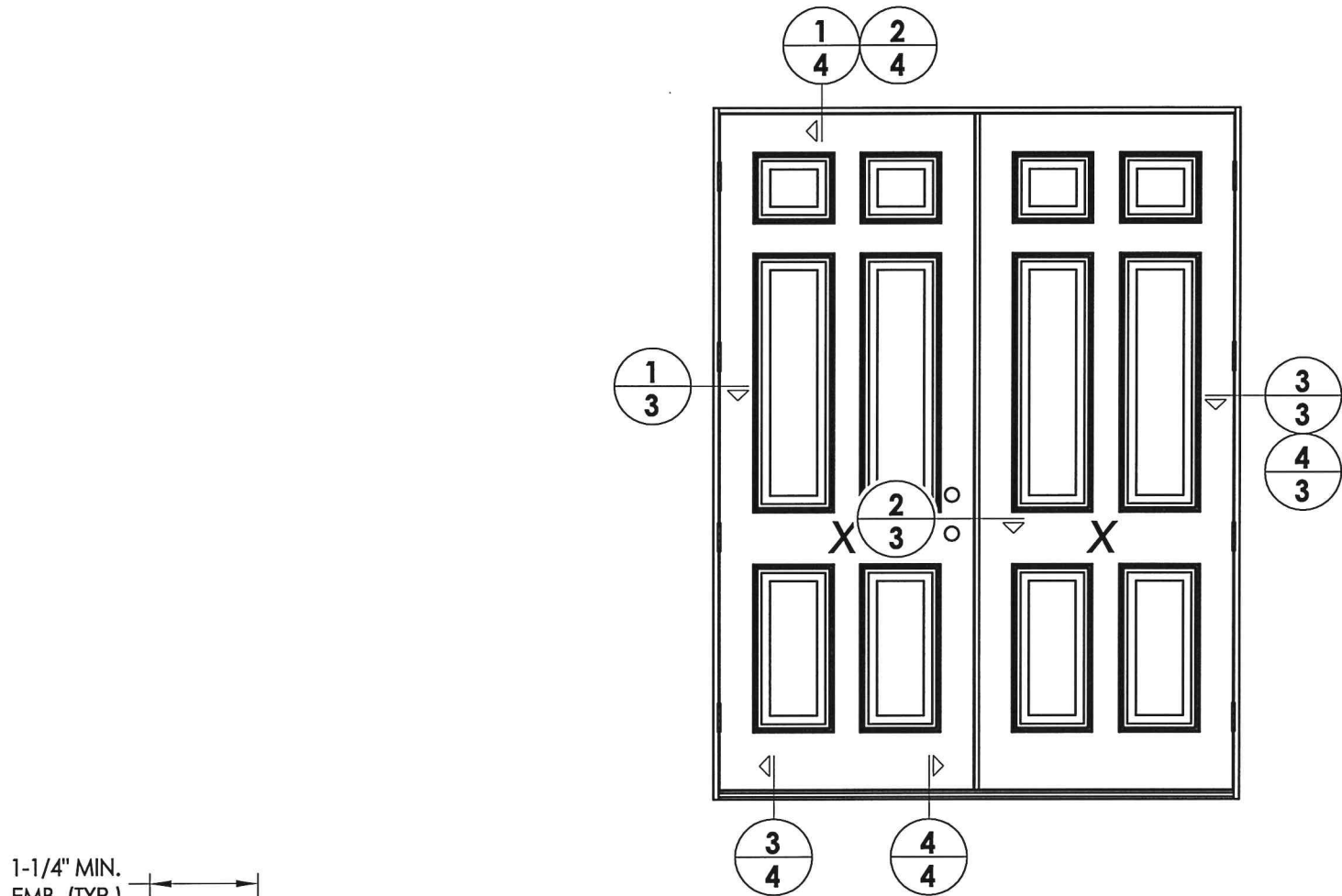


Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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:		DOOR PANEL DETAILS	
DATE		NO.	BY
04/22/15		1	JK
UPDATE TO 5TH ED. (2014) FBC			
REVISIONS			
DATE: 05/01/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15213.39			
SHEET 2 OF 8			

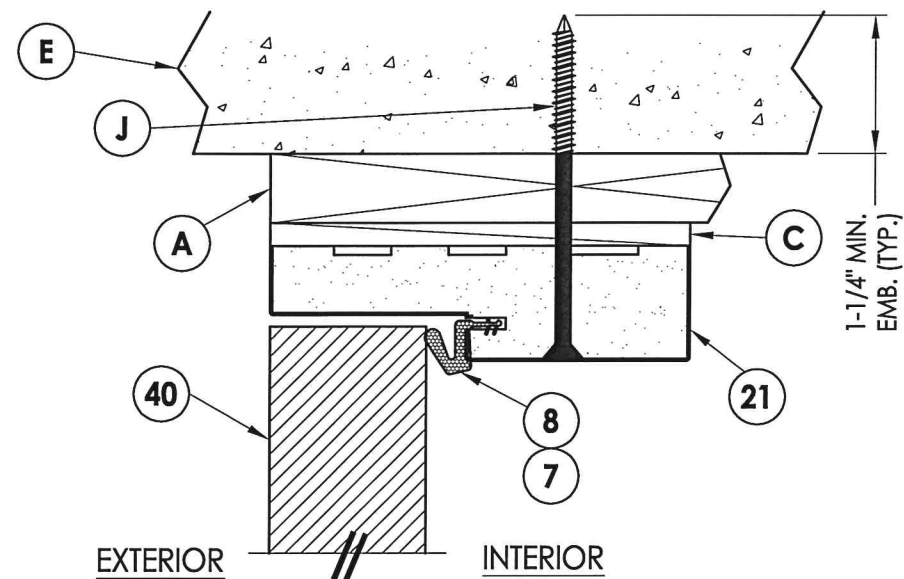
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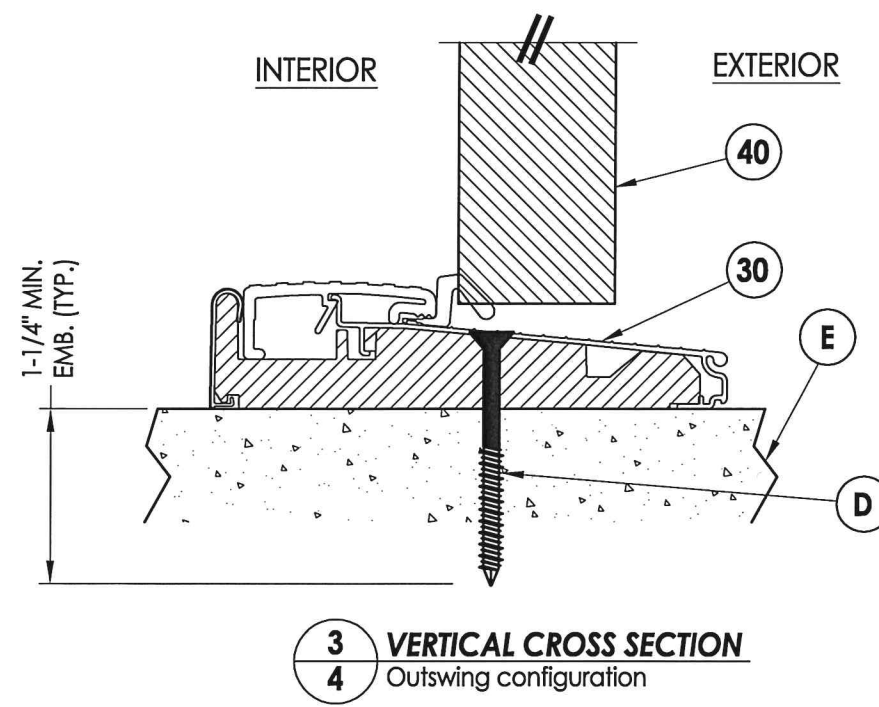
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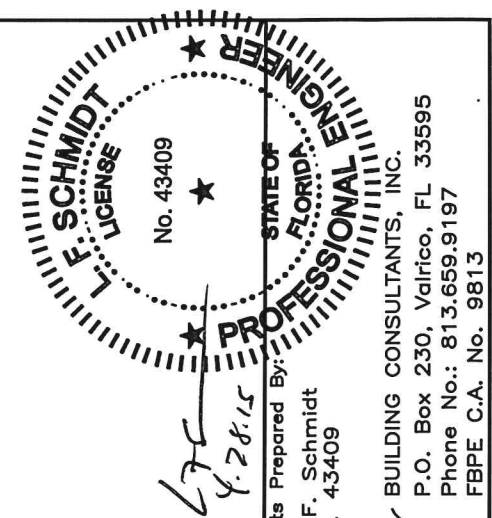
PRODUCT:		PLASTPRO INC. FIBERGLASS DOOR	
PART OR ASSEMBLY:		HORIZONTAL CROSS SECTIONS	
DATE:	05/01/12	NO.	DATE
SCALE:	N.T.S.	1	04/22/15
DWG. BY:	JK	UPDATE TO 5TH ED. (2014)	FBC
CHK. BY:	LFS	NO.	DATE
DRAWING NO.:	FL-15213.39	BY	
SHEET	3	OF	8



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



3 VERTICAL CROSS SECTION
4 Outswing configuration

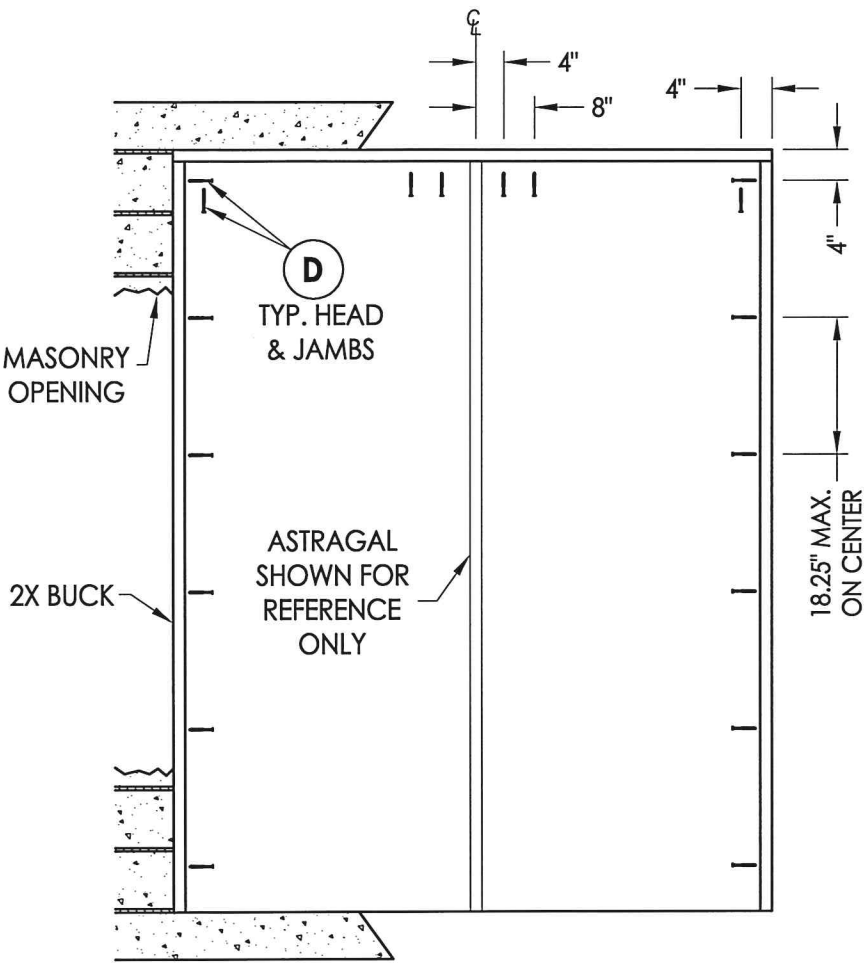


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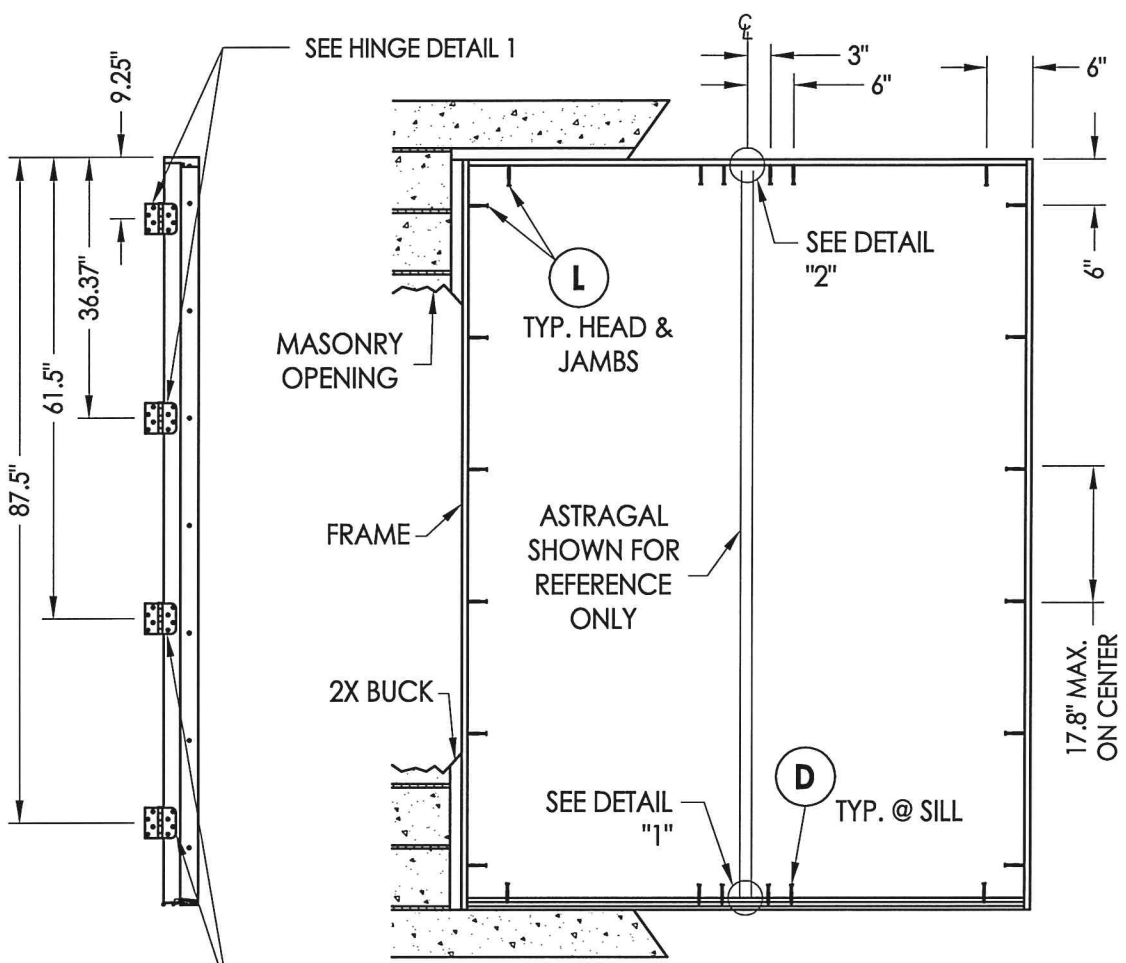
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE C.A. No. 9813

DATE: 05/01/12		PRODUCT:	
SCALE: N.T.S.		PLASTPRO INC.	
DWG. BY: JK		FIBERGLASS DOOR	
CHK. BY: LFS		PART OR ASSEMBLY:	
DRAWING NO.: FL-15213.39		VERTICAL CROSS SECTIONS	
SHEET 4 OF 8			

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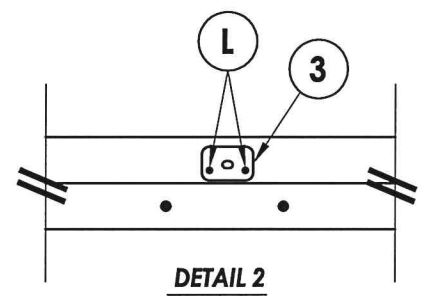
BUCK ANCHORING



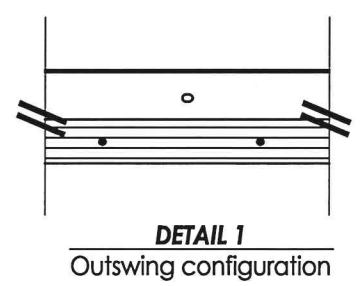
HINGE JAMB

FRAME ANCHORING
Masonry 2X buck construction

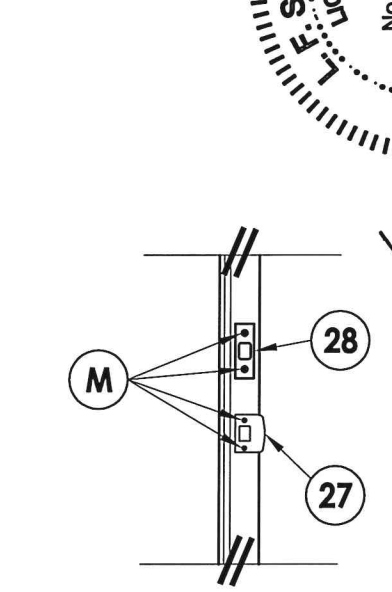
ASTRAGAL STRIKE JAMB



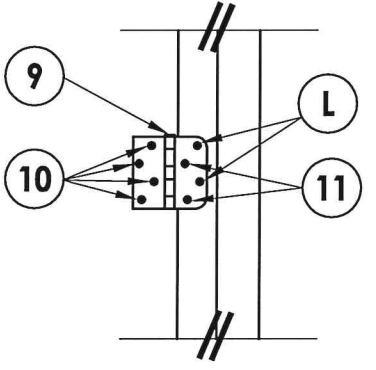
DETAIL 2



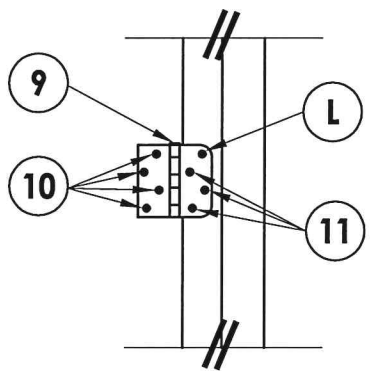
DETAIL 1
Outswing configuration



LATCH & DEADBOLT DETAIL



HINGE DETAIL 1



HINGE DETAIL 2

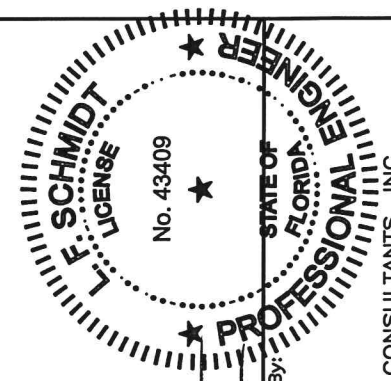
CONCRETE ANCHOR NOTES:

- 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"
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.



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P.E. No. 43409

RW

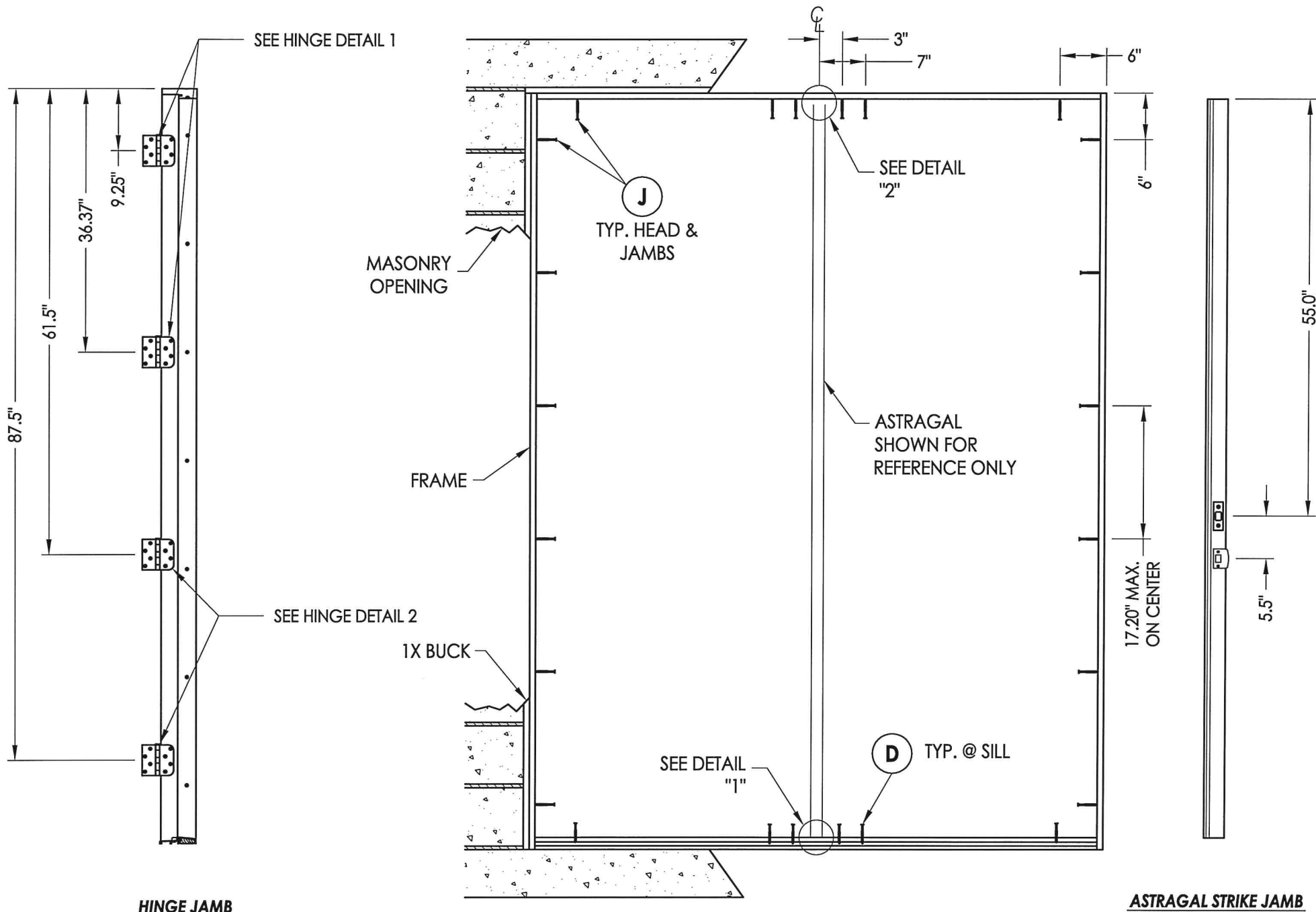
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE C.A. No. 9813

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

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

DATE: 05/01/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15213.39
SHEET 5 OF 8

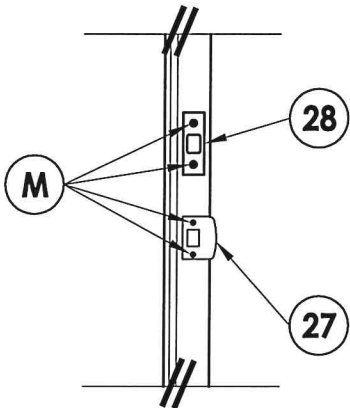
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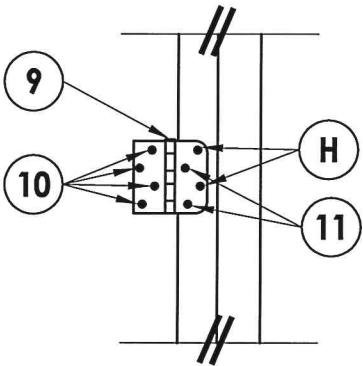
HINGE JAMB

FRAME ANCHORING
Masonry 1X buck construction

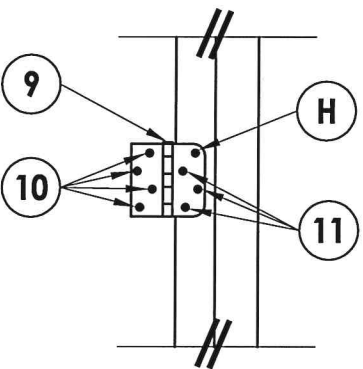
ASTRAGAL STRIKE JAMB



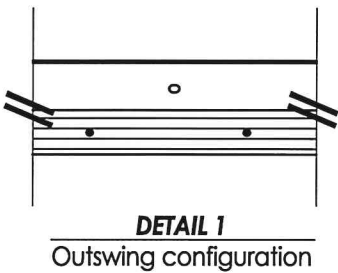
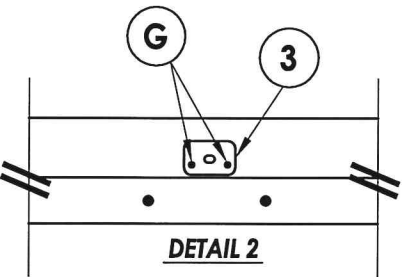
LATCH & DEADBOLT DETAIL



HINGE DETAIL 1



HINGE DETAIL 2



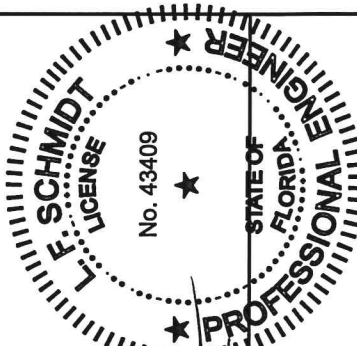
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WOOD SCREW INSTALLATION NOTES:

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

STATE OF FLORIDA
PROFESSIONAL ENGINEER
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	
DATE:		05/01/12	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-15213.39	
SHEET		6 OF 8	

Technical drawing of a three-hole punch plate. The drawing includes three views: a front view, a side view, and a detail view of the hole.

- Front View:** Shows a rectangular plate with three circular holes. The total width is 3.99". The distance from the center of the first hole to the left edge is 0.478". The distance between the centers of the first and second holes is 0.975". The distance between the centers of the second and third holes is 0.975". The distance from the center of the third hole to the right edge is 0.478".
- Side View:** Shows the thickness of the plate, which is 0.050". The diameter of the holes is $\varnothing 0.335"$. The diameter of the punch holes is $\varnothing 0.168"$.
- Detail View:** A close-up of one of the holes, showing the outer diameter of the hole is $\varnothing 0.346"$ and the inner diameter of the punch hole is $\varnothing 0.168"$.

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

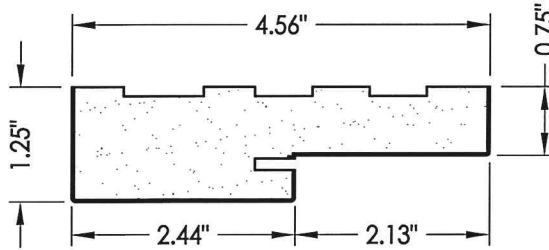
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RW

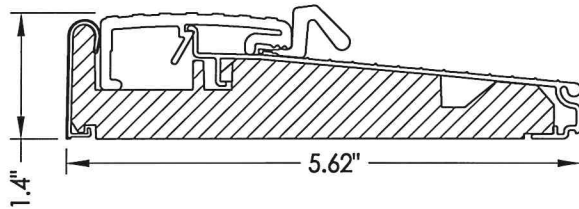
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE C.A. No. 9813

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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" 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
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
H	1/4" x 3-1/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
K	#9 X 2-1/2" PFH WOOD SCREW	STEEL
L	#8 X 2-1/2" PFH WOOD SCREW	STEEL
M	#8 X 2" PFH WOOD SCREW	STEEL
3	ASTRAGAL STRIKE PLATE	STEEL
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
12	#10 X 2-1/2" PFH WOOD SCREW	STEEL
21	POLY FIBER JAMB	COMP. / VINYL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT PLATE	STEEL
30	OUTSWING THRESHOLD	ALUM./WOOD
32	VINYL DOOR BOTTOM SWEEP	PVC
33	DLP ASTRAGAL	ALUM.
34	CONCEALED STIFFENER	HDPE
36	#8 X 2" PFH SMS	ALUM.
37	SLIDE BOLT ROD	ALUM.
38	INSWING THRESHOLD	-
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-

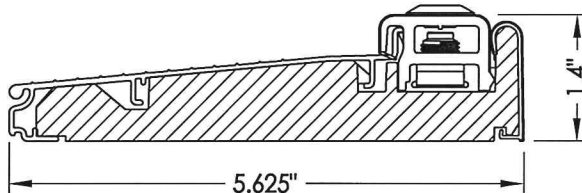


21 **HEAD & SIDE**
Poly fiber jamb



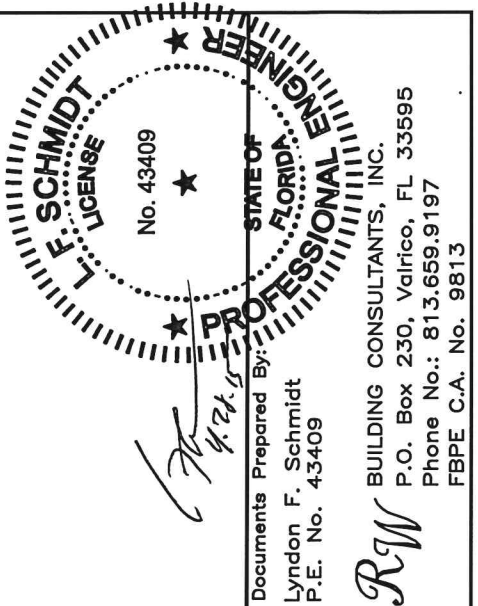
30 OUTSWING THRESHOLD

By Endura



38 INSWING THRESHOLD

By Endura

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