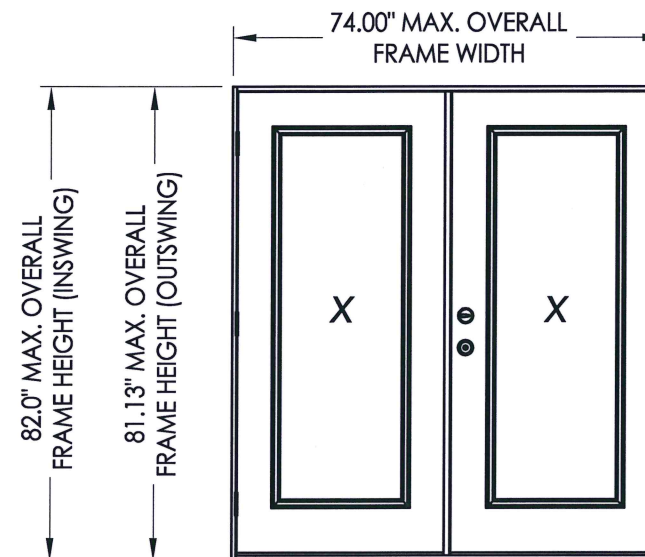




Smooth / Wood Grain / White Wood Grain
Rustic / Mahogany
Series O Fiberglass Door
INSWING / OUTSWING
"IMPACT"

1. This product has been evaluated and is in compliance with the 5th Edition (2014) Florida Building Code (FBC) structural requirements including 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 the "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
4. When used in areas outside of the "HVHZ" 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.
5. For 2x stud construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
6. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
7. Outswing configurations meet water infiltration requirements for "HVHZ". All other configurations do not meet the water infiltration requirements for the "HVHZ" and must be installed only in non-habitable areas or at habitable locations protected by an overhang or canopy such that the angle between the edge of canopy or overhang to sill is less than 45 degrees.

TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Door panel details
3	Sidelite panel details
4	Life frame details and glazing details
5	Elevations
6	Horizontal cross sections
7	Vertical cross sections
8	3-Point lock details
9	3-Point lock details
10	Buck and frame anchoring (XX)
11	Buck and frame anchoring (OXXO)
12	Astragal details
13	Astragal details
14	Astragal details
15	Components
16	Bill of materials



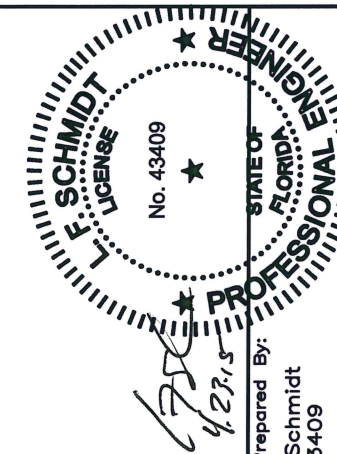
CONFIGURATION	MAX. FRAME DIMENSION	SWING	DESIGN PRESSURE (PSF)					
			ENDURA ASTRAGAL		DLP ASTRAGAL		COLUMBIA ASTRAGAL	
			POS.	NEG.	POS.	NEG.	POS.	NEG.
XX	74.0" x 82.0"	INSWING	+60.0	-60.0	+50.0	-60.0	+50.0	-60.0
	74.0" x 81.13"	OUTSWING	+75.0	-75.0	+75.0	-75.0	+50.0	-50.0

Technical drawing of a four-panel door. The drawing includes the following dimensions and markings:

- Vertical Dimensions (Left Side):**
 - 82.0" MAX. OVERALL FRAME HEIGHT (INSWING)
 - 81.13" MAX. OVERALL FRAME HEIGHT (OUTSWING)
- Horizontal Dimensions (Top):**
 - 152.0" MAX. OVERALL FRAME WIDTH
 - 74.0" MAX. OVERALL FRAME WIDTH
 - 37.5" MAX. FRAME WIDTH
 - 1.5" (Gap between panels)
- Panel Markings:**
 - Panel 1 (Leftmost): O
 - Panel 2: X
 - Panel 3: X (with two small circles below the X)
 - Panel 4 (Rightmost): O

CONFIGURATION	MAX. FRAME DIMENSION	SWING	DESIGN PRESSURE (PSF)					
			ENDURA ASTRAGAL		DLP ASTRAGAL		COLUMBIA ASTRAGAL	
			POS.	NEG.	POS.	NEG.	POS.	NEG.
OXXO	152.0" x 82.0"	INSWING	+50.0	-50.0	+50.0	-50.0	+50.0	-50.0
	152.0" x 81.13"	OUTSWING	+50.0	-50.0	+50.0	-50.0	+50.0	-50.0

See sheets 2 & 4 for hardware and lite frame design pressure limitations



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FBPE C.A. No. 9813

PRODUCT: PLASTPRO
FIBERGLASS DOOR

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

[illegible]

DATE: 02/16/12

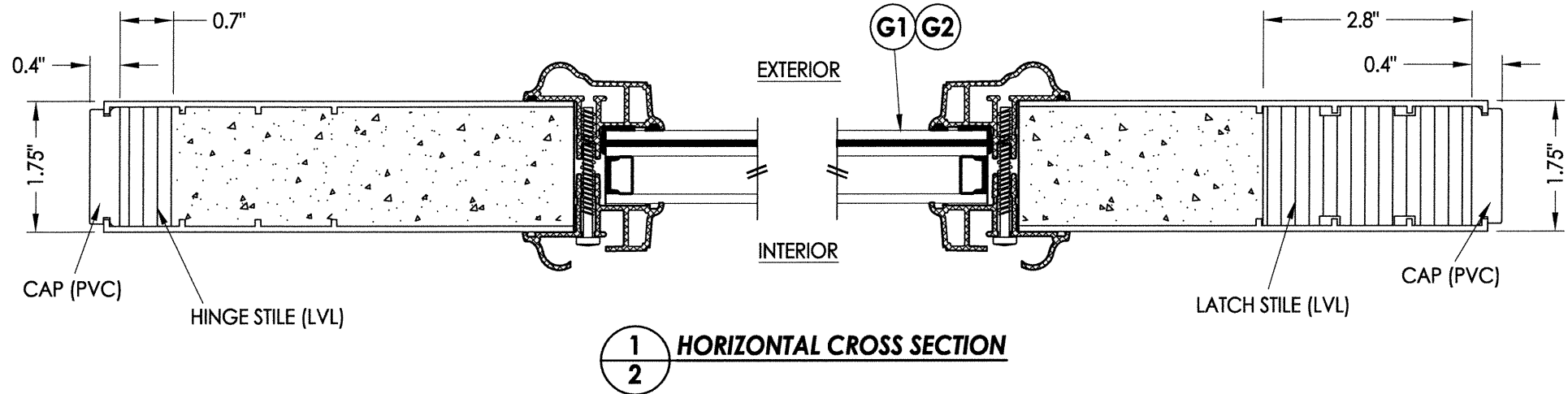
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DWG. BY: JK

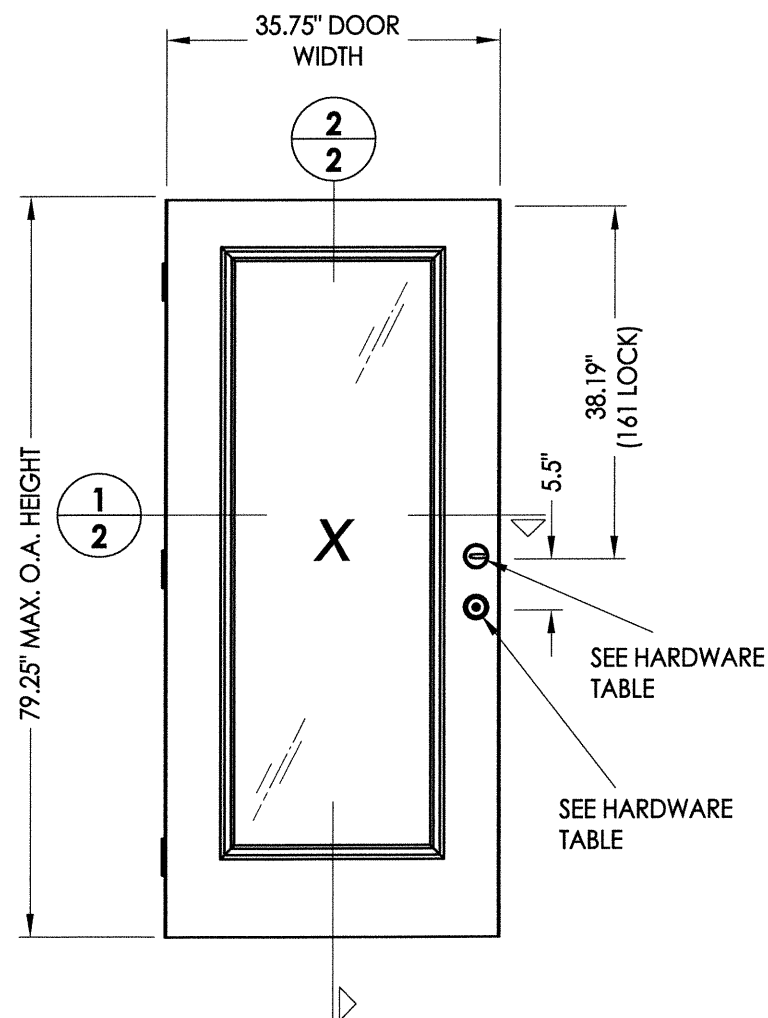
CHK. BY: LFS

DRAWING NO.:
FL-15210.6

SHEET 1 OF 16



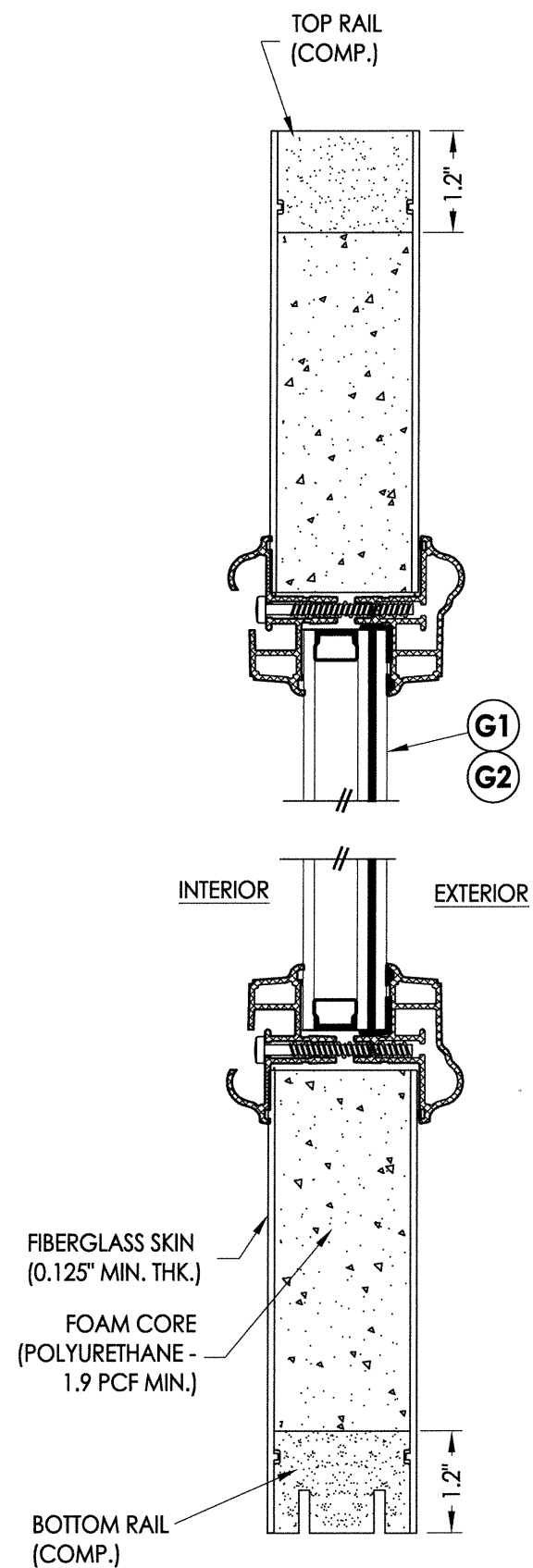
1 HORIZONTAL CROSS SECTION



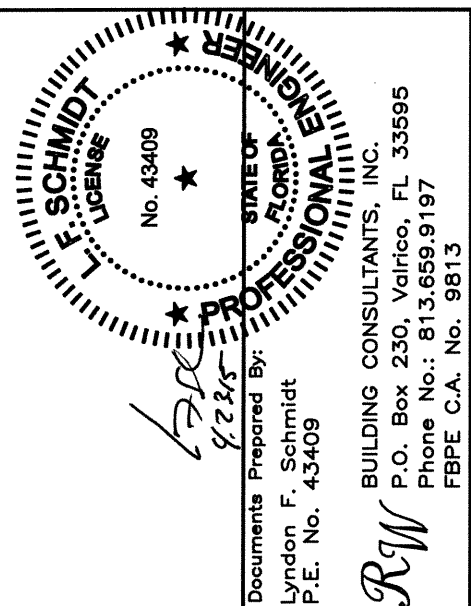
40 DOOR PANEL

HARDWARE TABLE			
MANUFACTURER	MODEL		MAX. DESIGN PRESSURE (PSF)
KWIKSET	KNOB: DEADBOLT:	SIGNATURE SERIES SIGNATURE SERIES (980)	± 75
SCHLAGE	KNOB: DEADBOLT:	"F" SERIES (F51) "B" SERIES (B60/62)	± 75
PAMEX	LEVER: DEADBOLT:	FL3B SERIES FD7 SERIES	± 75
HOPPE	MULTI-POINT LOCK:	3-POINT TONGUE	± 50
W & F	MULTI-POINT LOCK:	TRILENNIUM "3000" SERIES	± 75

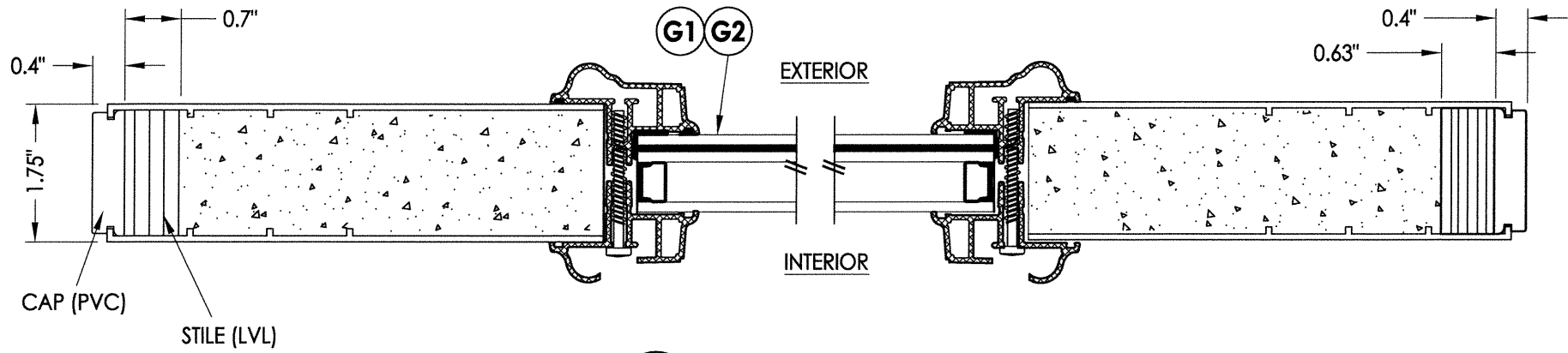
See sheets 8 and 9 for multi-point lock details.



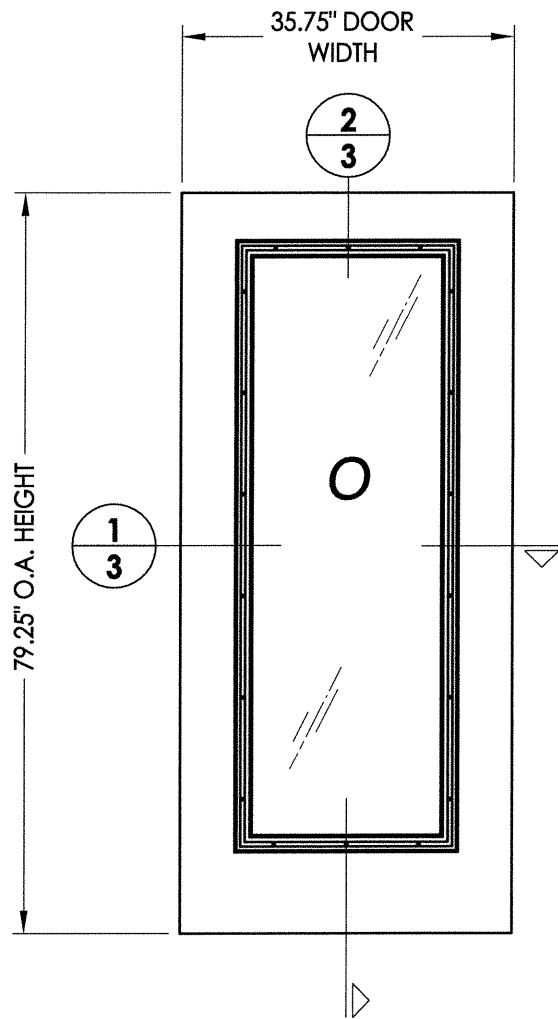
2 **VERTICAL CROSS SECTION**

[illegible]

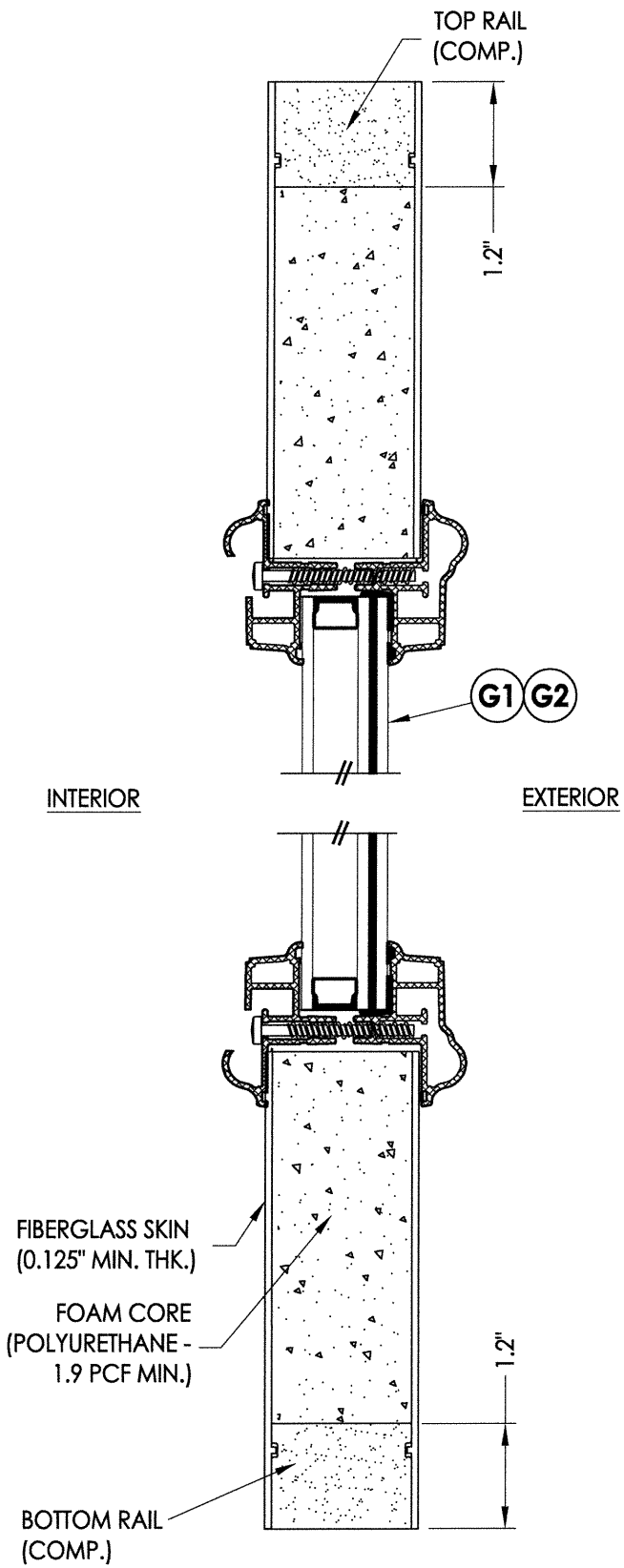
R:\Clients\Plastpro, Inc PERMANENT\Florida Product Approvals\FL-15210 HVHZ Fiberglass - Impact Opaque and Glazed\C - Drawings\FL-15210 (2014)\FL-15210.1-6.dwg, 3.6



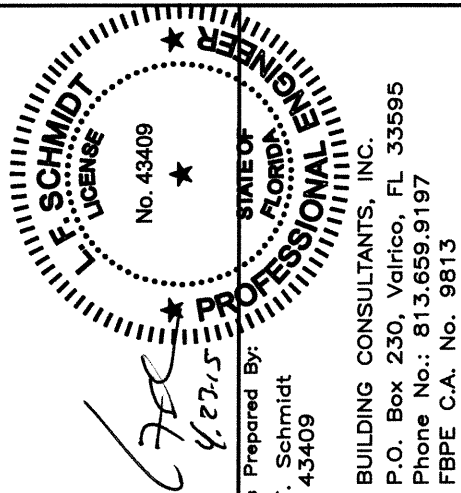
1
3 HORIZONTAL CROSS SECTION



50 SIDELITE PANEL



2
3 VERTICAL CROSS SECTION

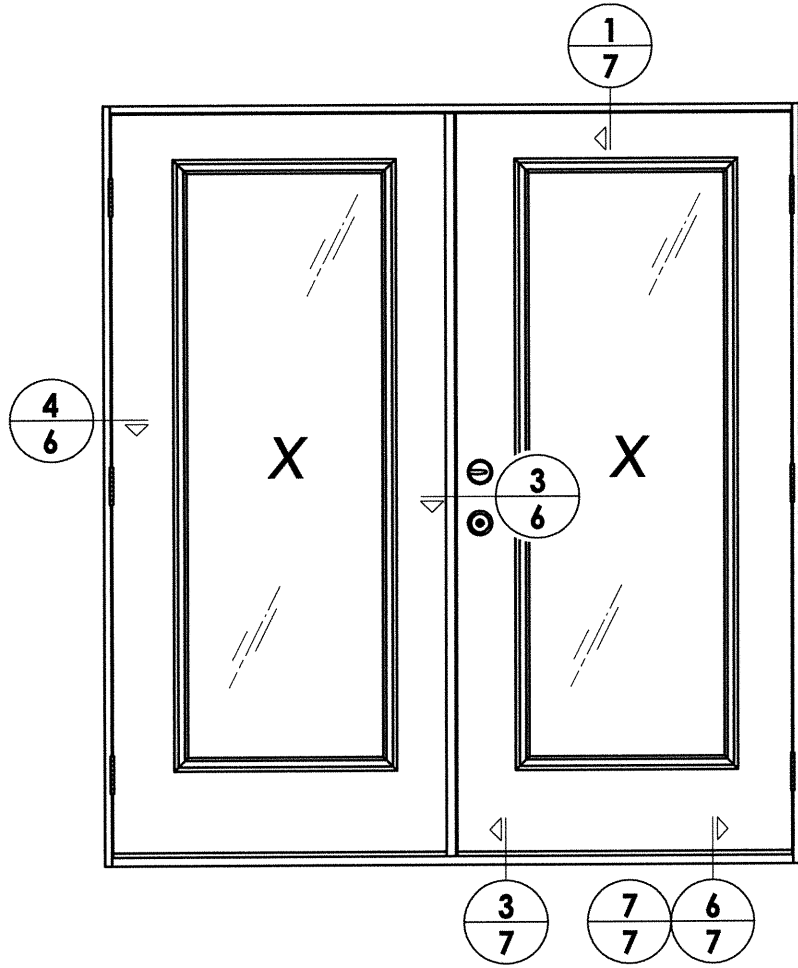


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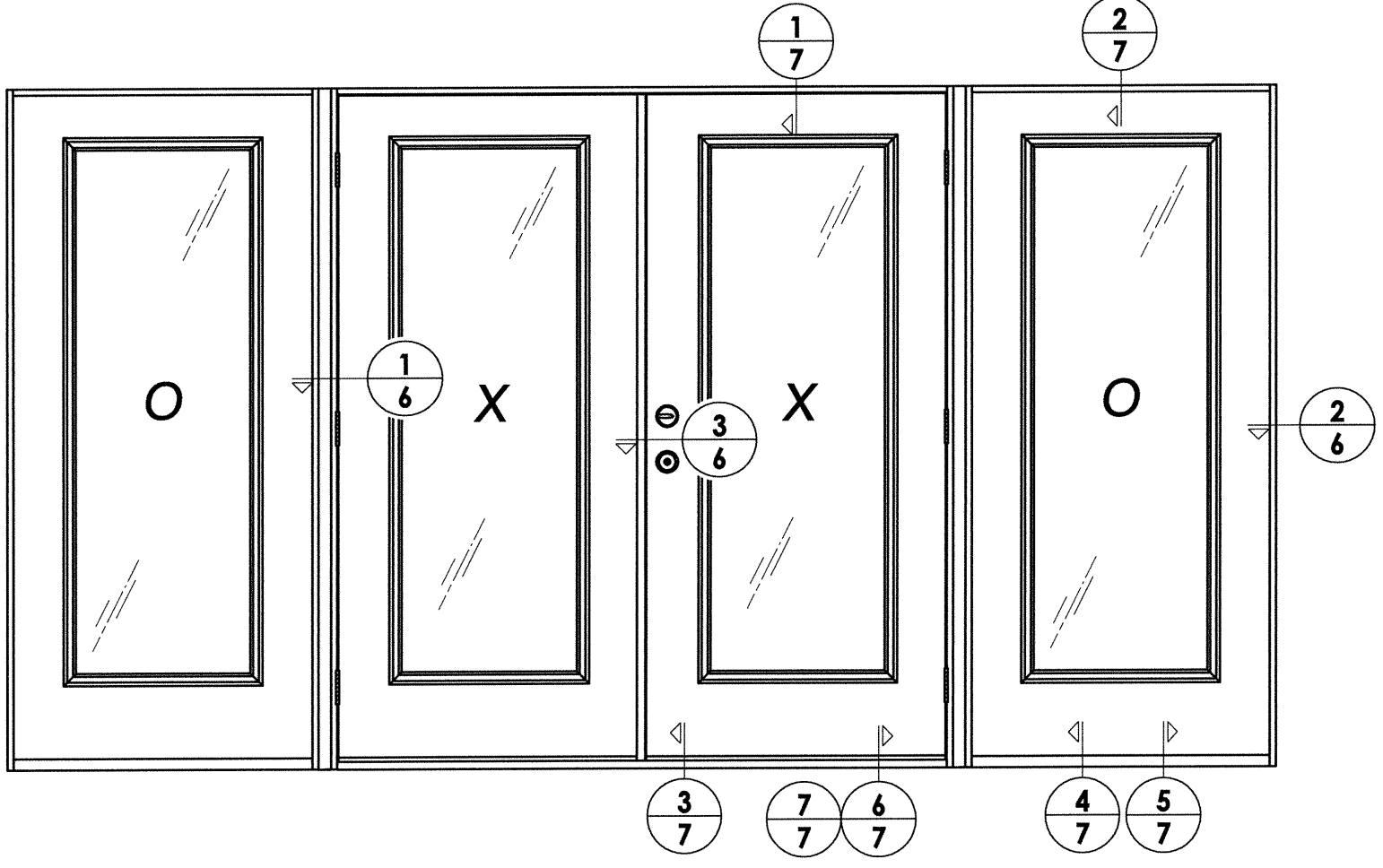
PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY:	SIDELITE PANEL DETAILS

NO.	DATE	UPDATE TO 5TH ED. (2014)	FBC	JK	BY
1	3/9/15				

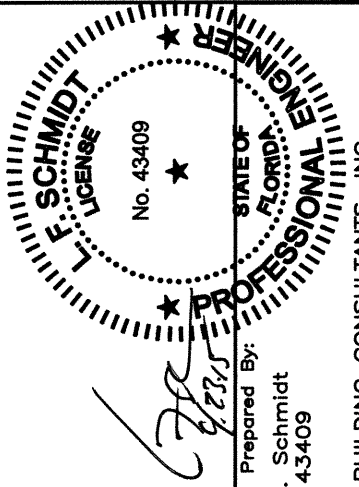
DATE:	02/16/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15210.6
SHEET	3 OF 16



ELEVATION (XX)



ELEVATION (OXXO)



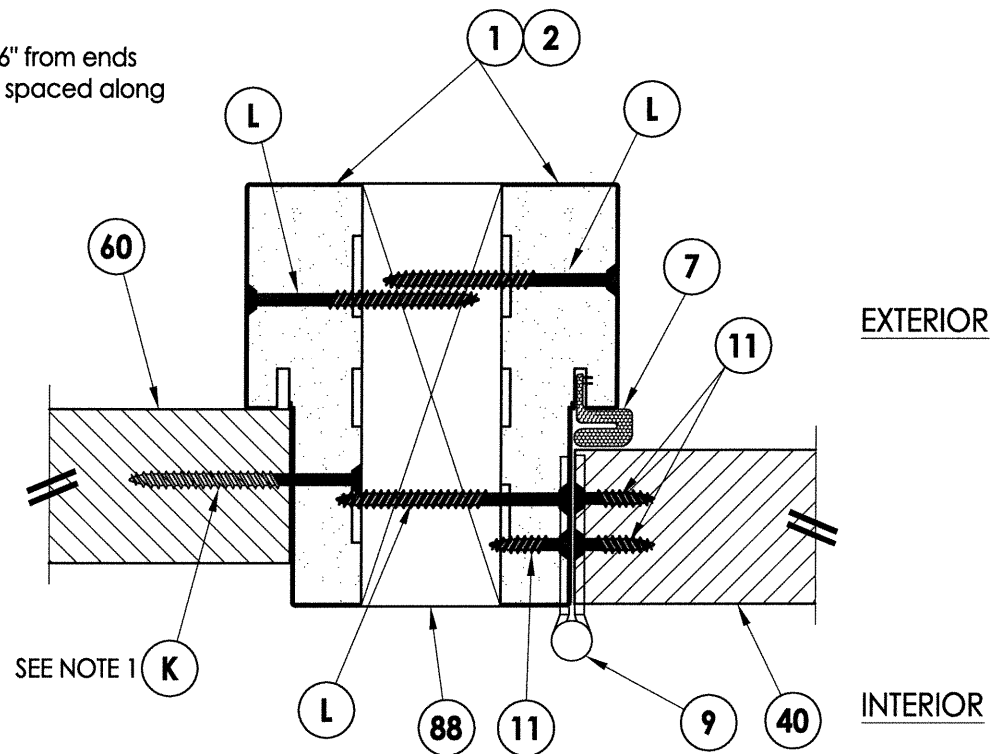
Documents Prepared By:
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RW
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
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FBPE C.A. No. 9813

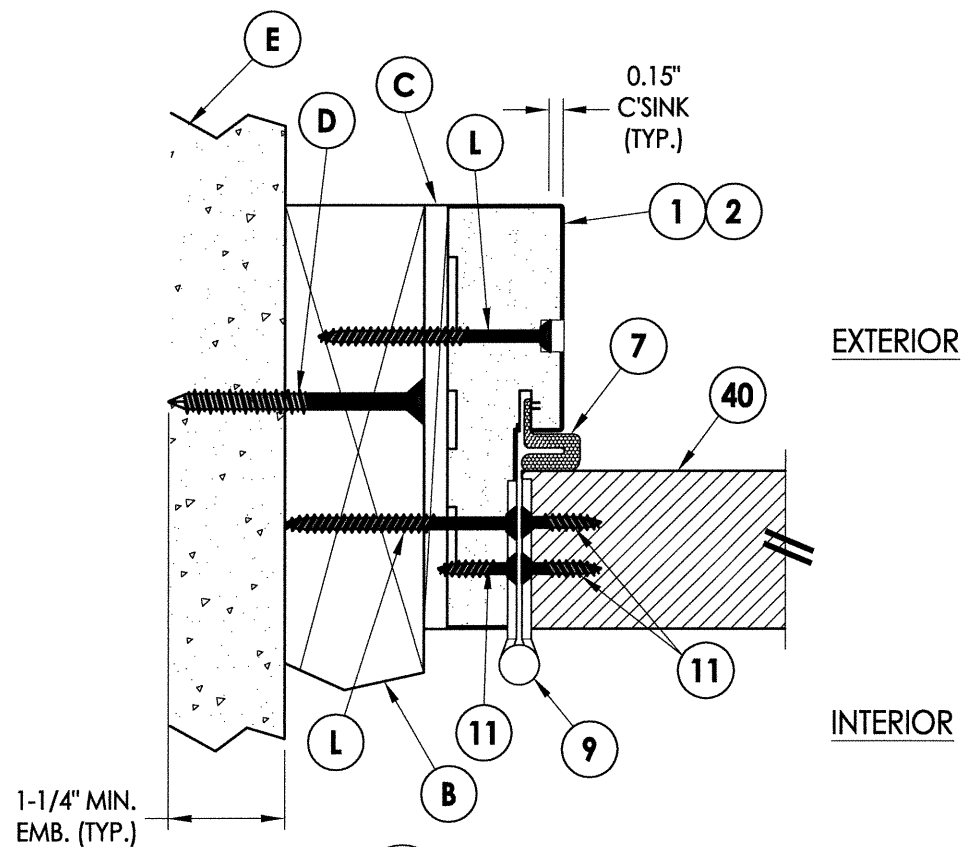
PRODUCT:		PLASTPRO FIBERGLASS DOOR	
PART OR ASSEMBLY:		ELEVATIONS	
NO.	DATE	REVISIONS	
1	3/9/15	UPDATE TO 5TH ED. (2014)	JK
			BY

DATE: 02/16/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-15210.6
SHEET 5 OF 16

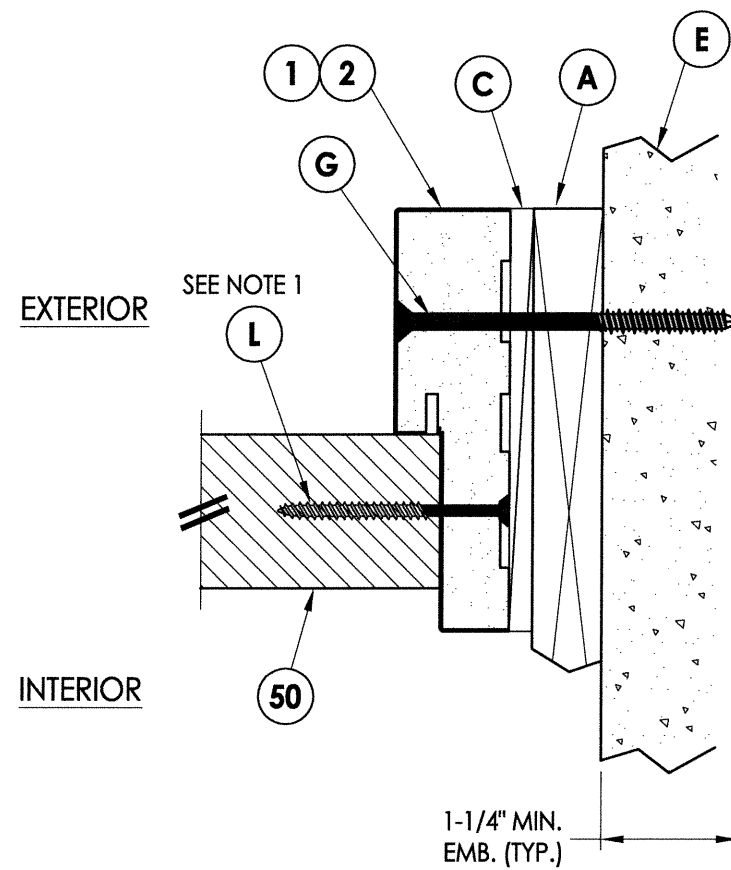
NOTE:
Spacing for item K: 6" from ends
and 7 more equally spaced along
sidelite (9 total).



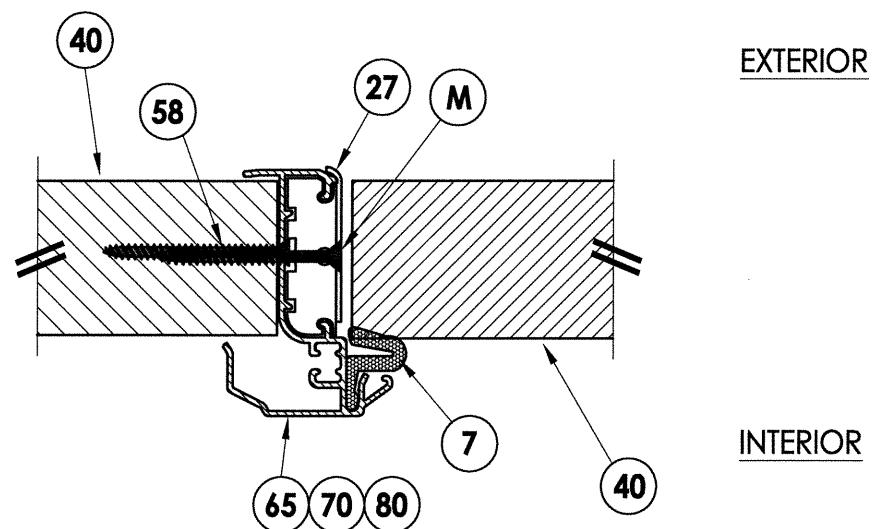
1 **HORIZONTAL CROSS SECTION**
6 Inswing shown - outswing also approved



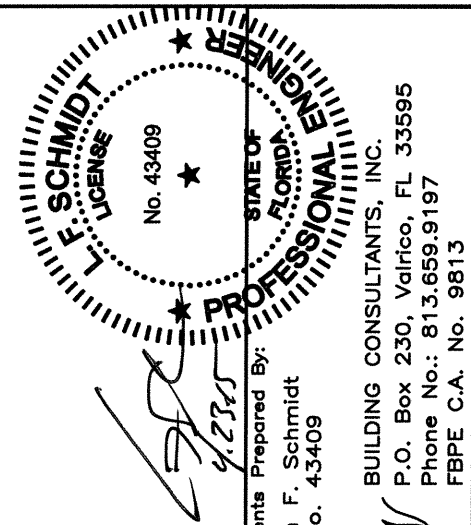
4 HORIZONTAL CROSS SECTION
6 Inswing shown - outswing also approved



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



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



Documents Prepared By:
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P.E. No. 43409

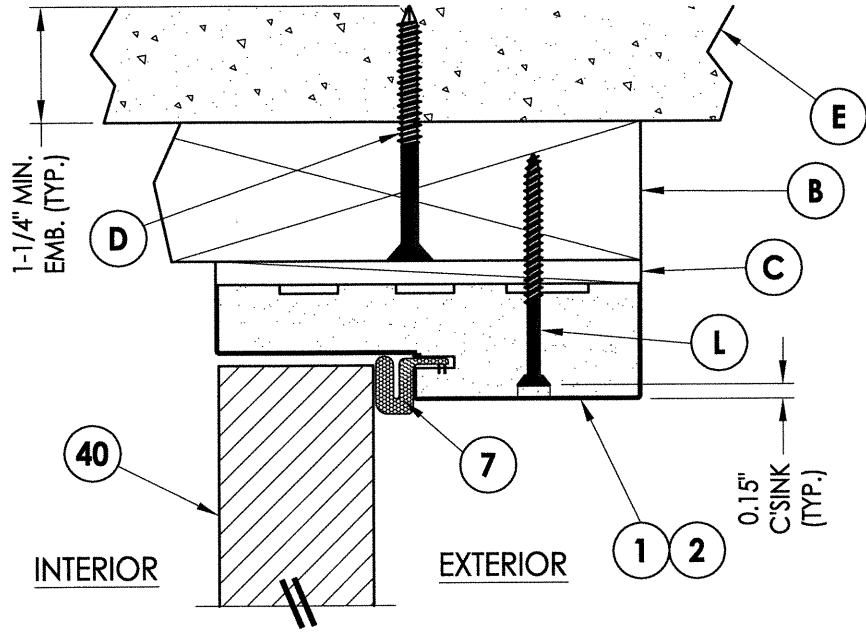
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE C.A. No. 9813

PRODUCT: PLASTPRO
FIBERGLASS DOOR

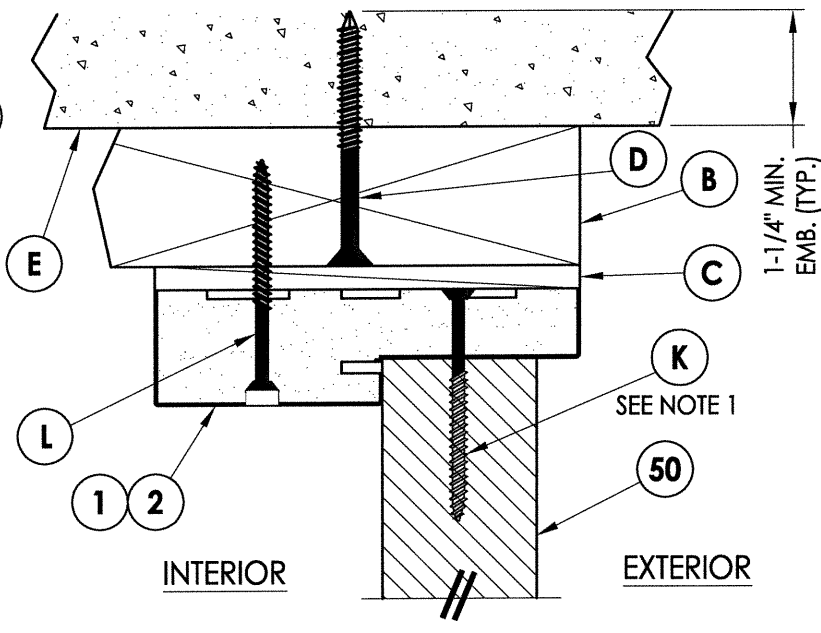
PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

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R:\Clients\Plastpro, Inc PERMANENT\Florida Product Approvals\FL-15210 HVHZ Fiberglass - Impact Opaque and Glazed\C - Drawings\FL-15210 (2014)\FL-15210.1-6.dwg, 7.6



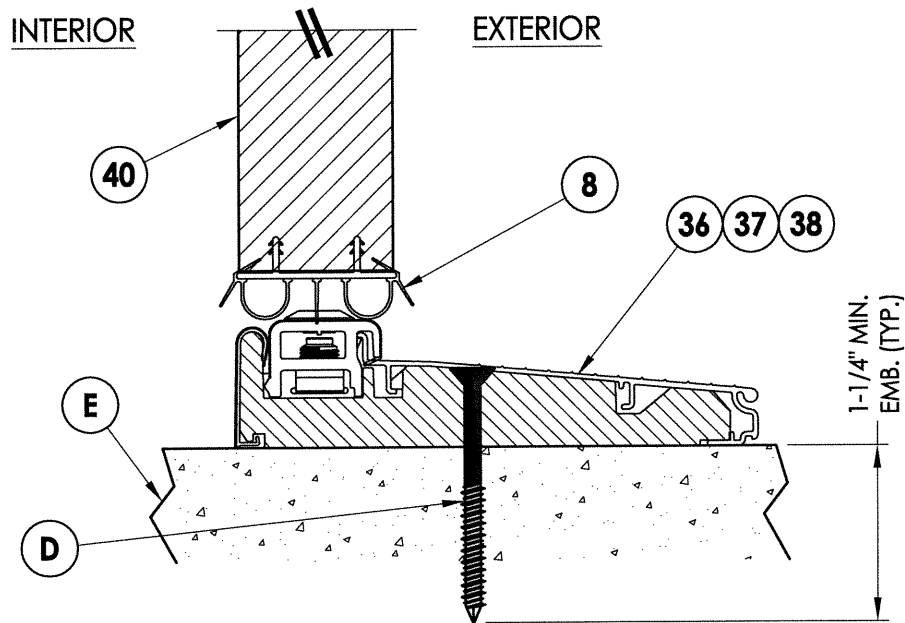
1 **VERTICAL CROSS SECTION**
7 Inswing shown - outswing also approved



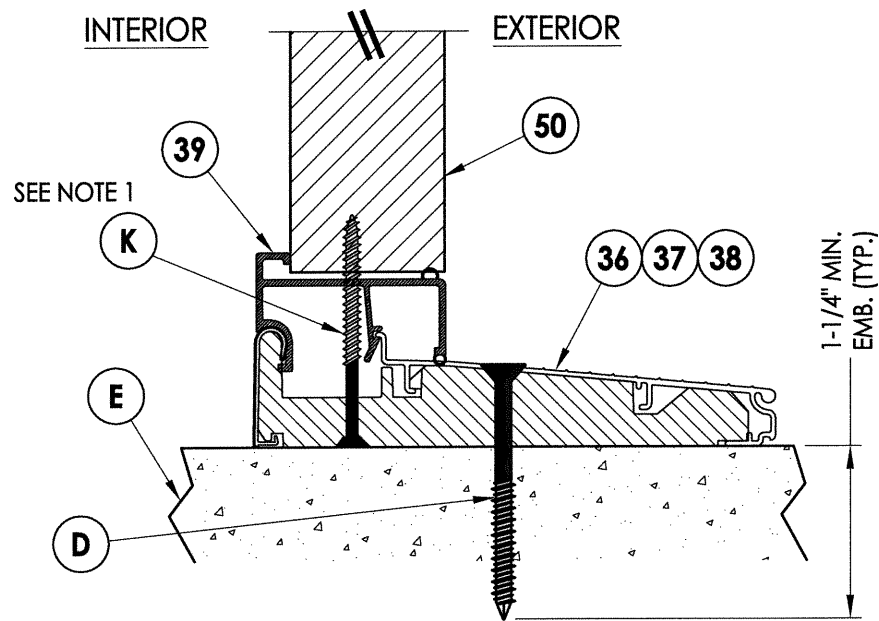
2 **VERTICAL CROSS SECTION**
7 Outswing shown - inswing also approved

NOTE

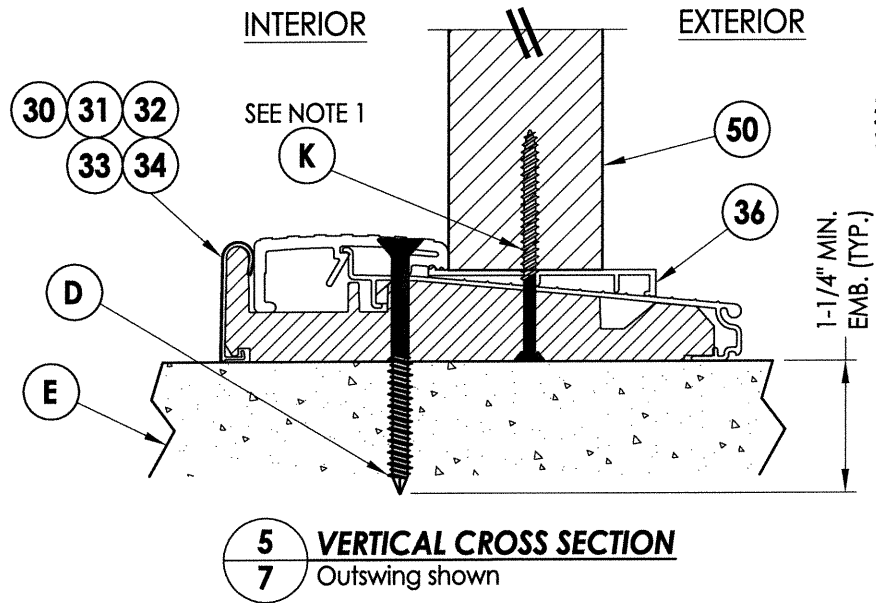
1. Spacing for item K:
6" from each end
and at centerline.



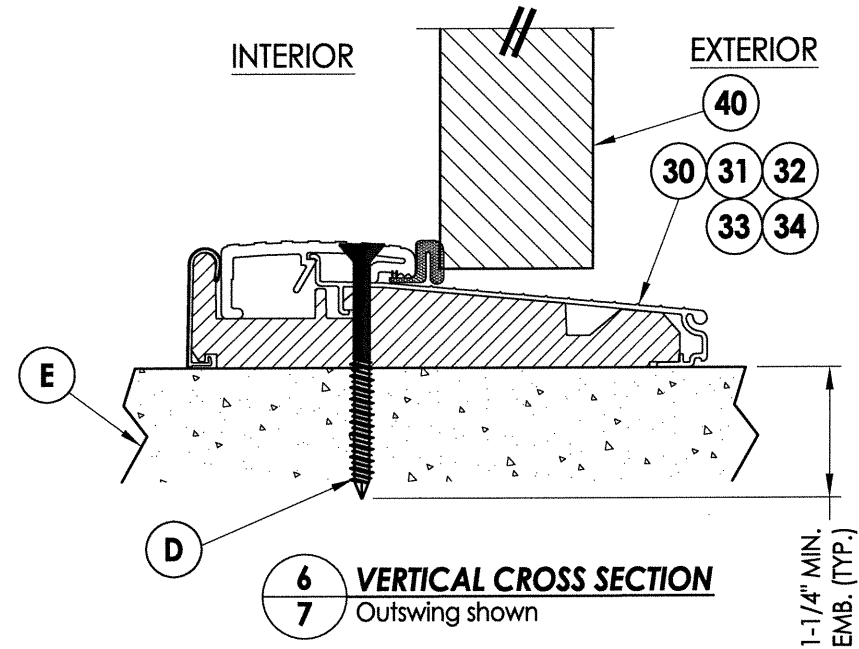
3 **VERTICAL CROSS SECTION**
7 Inswing shown



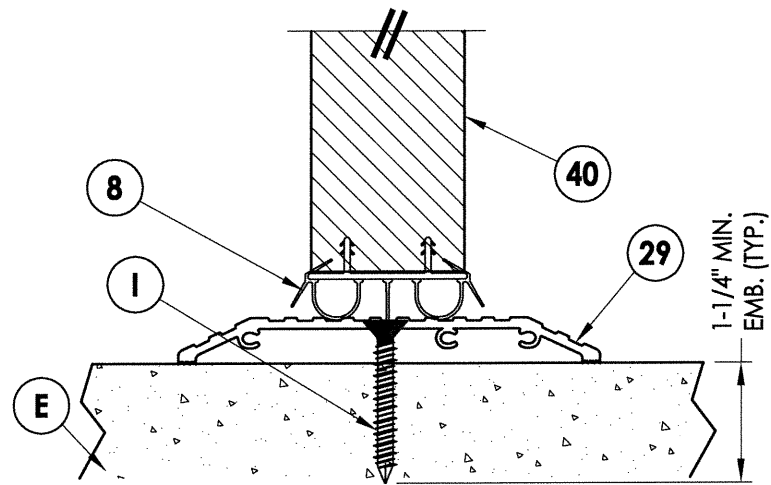
4 **VERTICAL CROSS SECTION**
7 Inswing shown



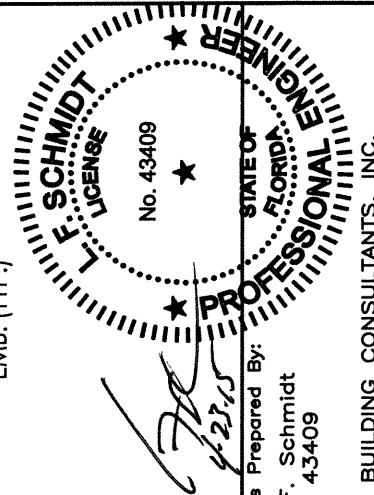
5 **VERTICAL CROSS SECTION**
7 Outswing shown



6 **VERTICAL CROSS SECTION**
7 Outswing shown



7 **VERTICAL CROSS SECTION**
7 Shown w/ ADA threshold



Documents Prepared By:
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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
FIBERGLASS DOOR

PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

NO.	DATE	REVISIONS
1	3/9/15	UPDATE TO 5TH ED. (2014) FBC
JK	BY	

DATE: 02/16/12

SCALE: N.T.S.

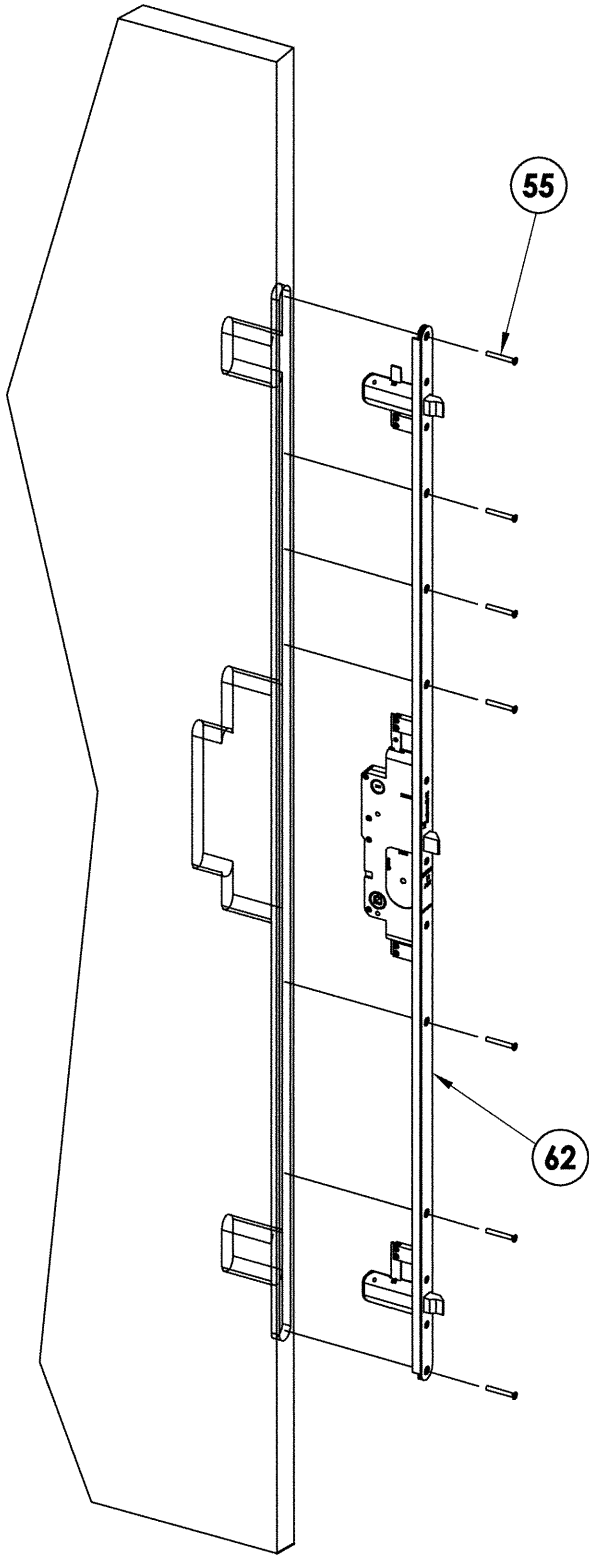
DWG. BY: JK

CHK. BY: LFS

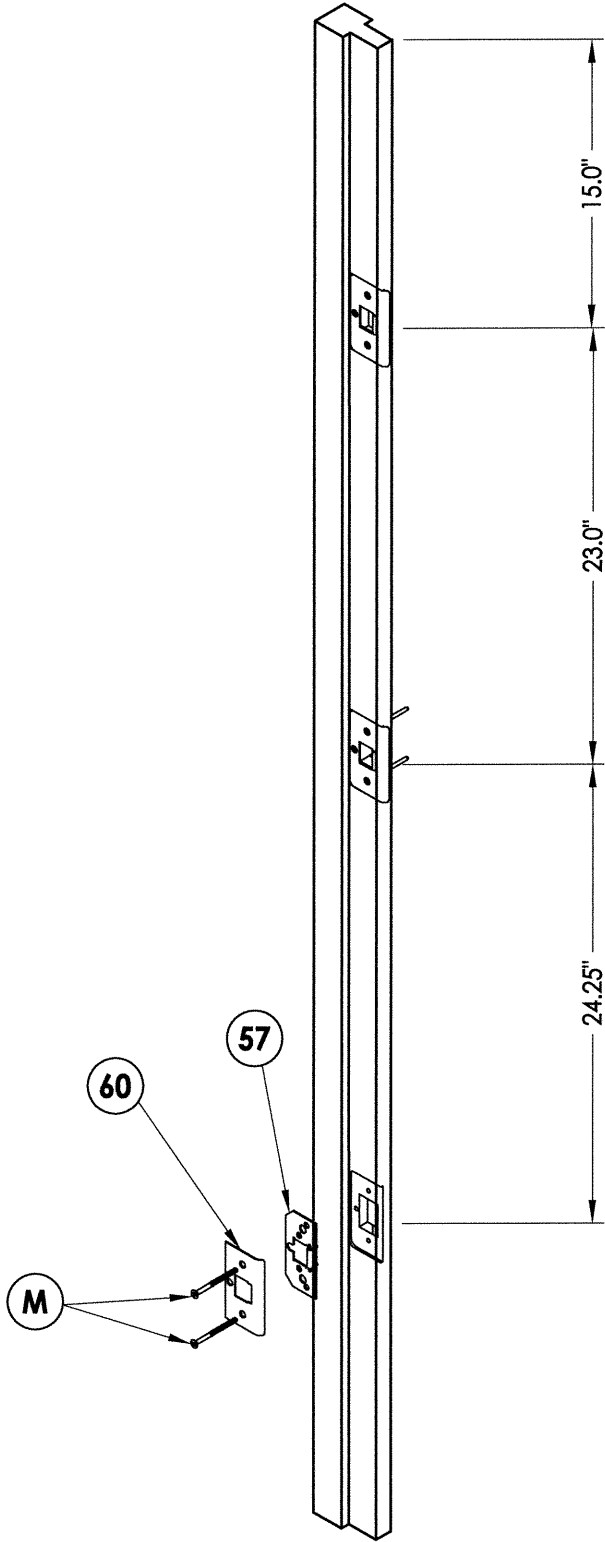
DRAWING NO.: FL-15210.6

SHEET 7 OF 16

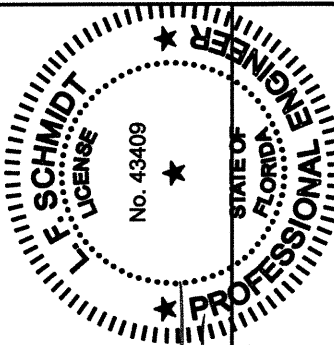
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W & F Trilennium 3000 SERIES
3 pt. Lock



ASTRAGAL STRIKE DETAIL



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

PRODUCT: PLASTPRO
FIBERGLASS DOOR

PART OR ASSEMBLY:
3-POINT LOCK DETAILS

NO.	DATE	REVISIONS
1	3/9/15	UPDATE TO 5TH ED. (2014) FBC
JK		
BY		

DATE: 02/16/12

SCALE: N.T.S.

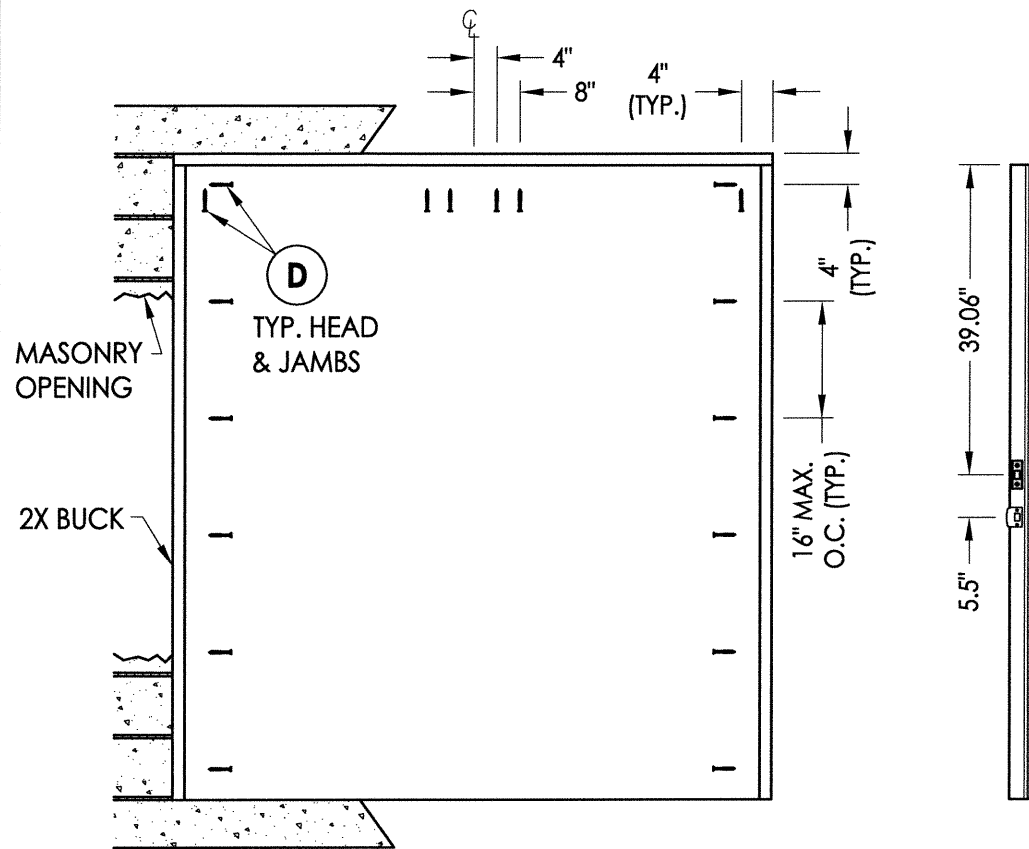
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CHK. BY: LFS

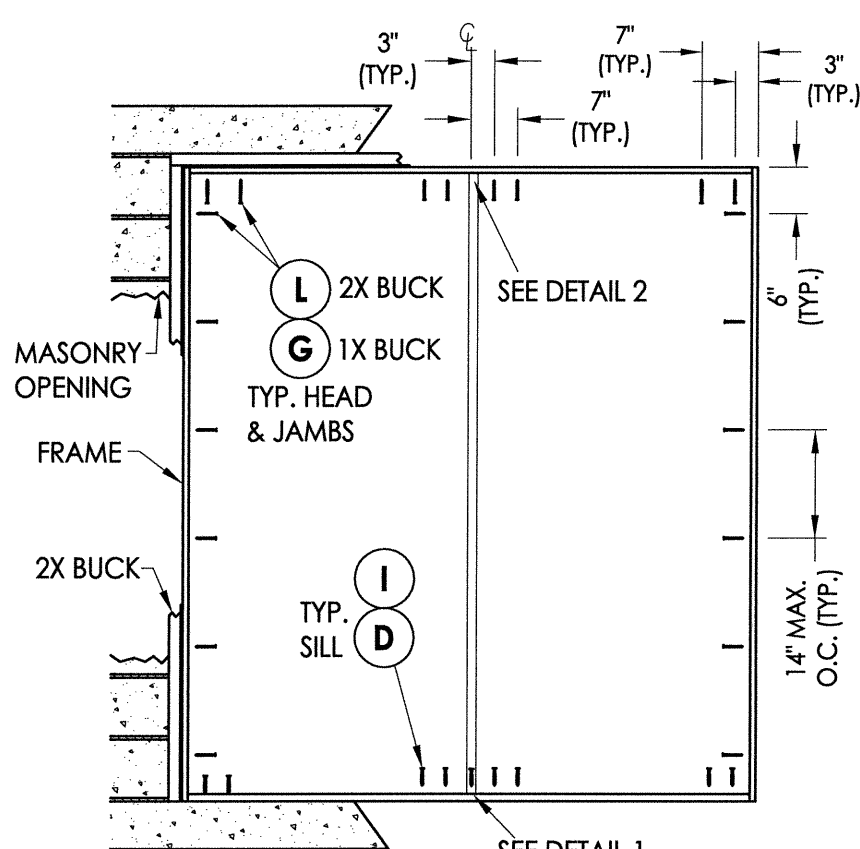
DRAWING NO.:
FL-15210.6

SHEET 9 OF 16

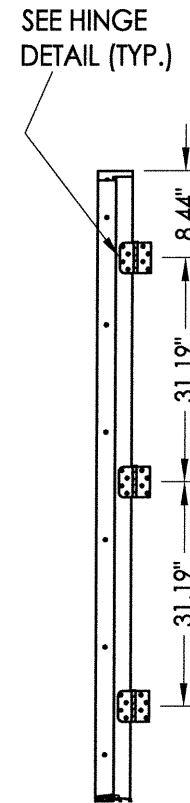
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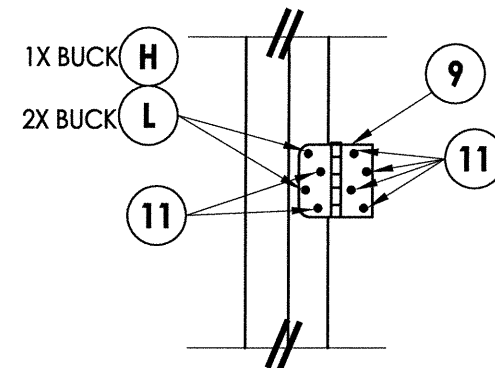
BUCK ANCHORING
XX



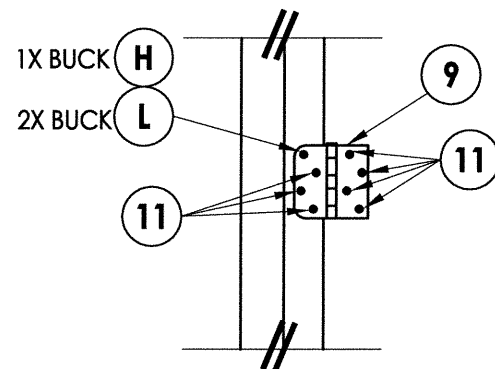
FRAME ANCHORING
XX



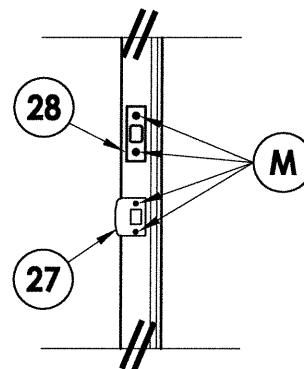
HINGE JAMB



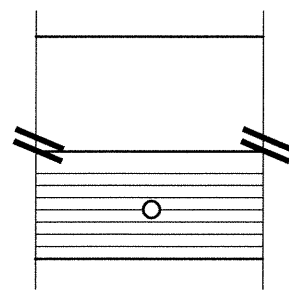
HINGE DETAIL
Inswing



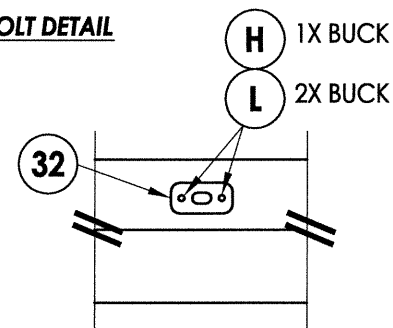
HINGE DETAIL
Outswing



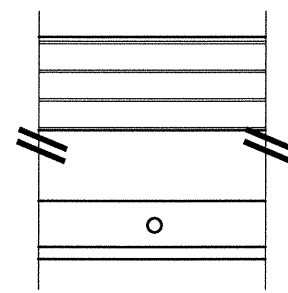
LATCH & DEAD BOLT DETAIL



DETAIL 1
Astragal throw bolts
at the threshold
(Outswing)



DETAIL 2
Attach astragal throw bolt
strike plate to frame
as shown



DETAIL 1
Astragal throw bolts
at the threshold
(Inswing)

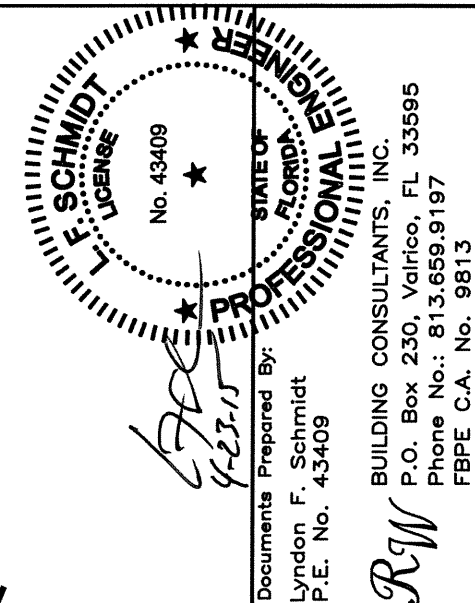
CONCRETE ANCHOR NOTES:

- 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.



Documents Prepared By:
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P.E. No. 43409

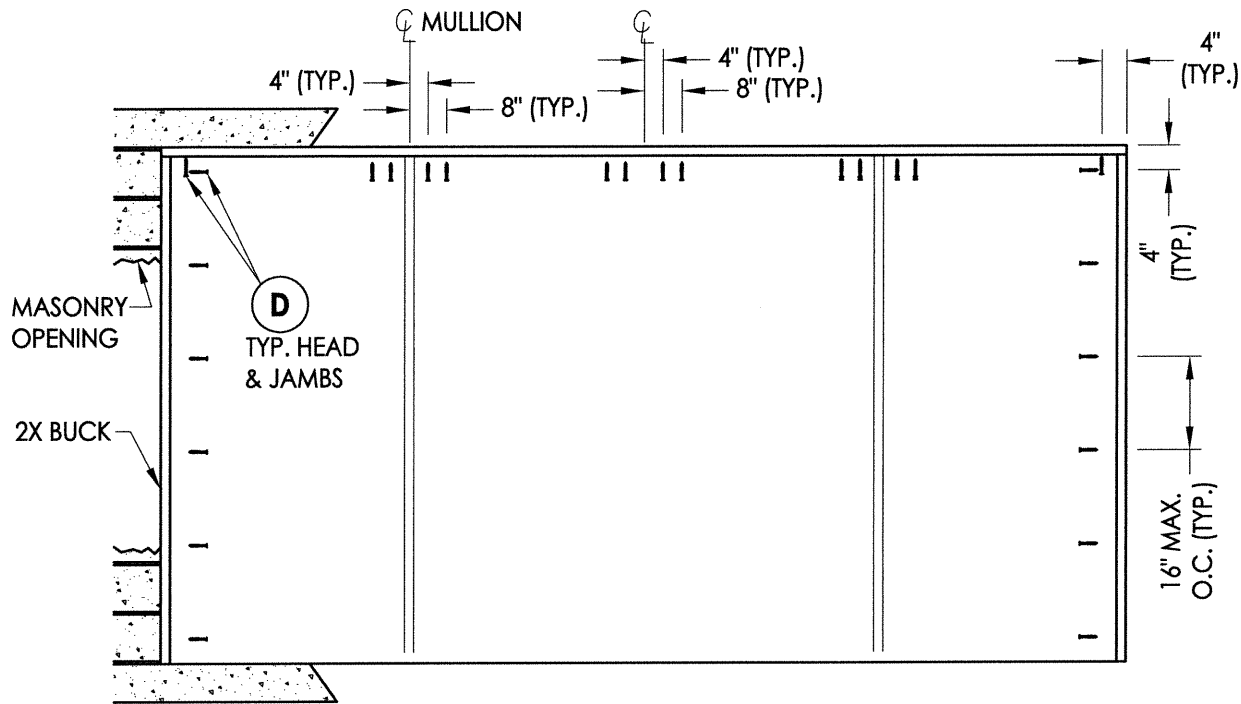
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE C.A. No. 9813

PRODUCT: PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY: BUCK AND FRAME ANCHORING (XX)

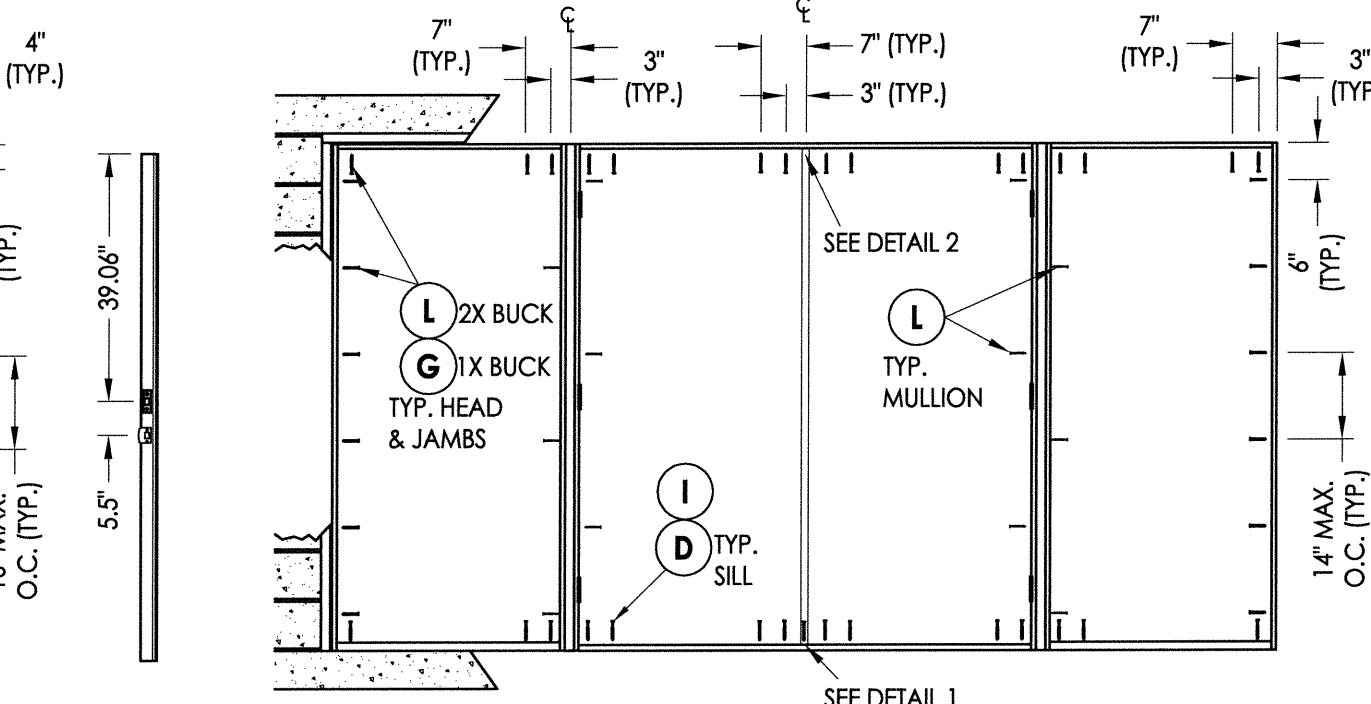
NO.	DATE	REVISIONS
1	3/9/15	UPDATE TO 5TH ED. (2014) FBC

DATE: 02/16/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15210.6
SHEET 10 OF 16

R:\Clients\Plastpro, Inc PERMANENT\Florida Product Approvals\FL-15210 HVHZ Fiberglass - Impact Opaque and Glazed\C - Drawings\FL-15210 (2014)\FL-15210.1-6.dwg, 11.6

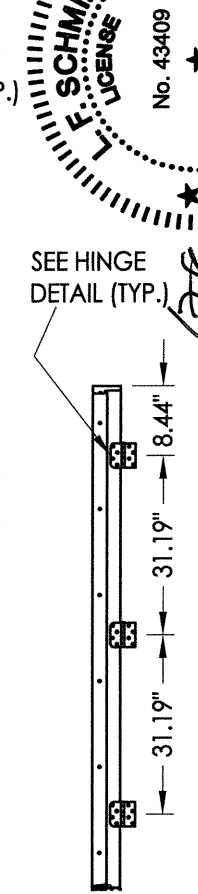


BUCK ANCHORING
OXXO

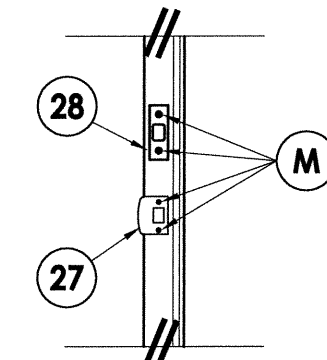


FRAME ANCHORING
OXXO

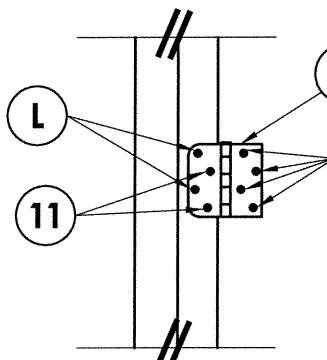
ASTRAGAL STRIKE JAMB



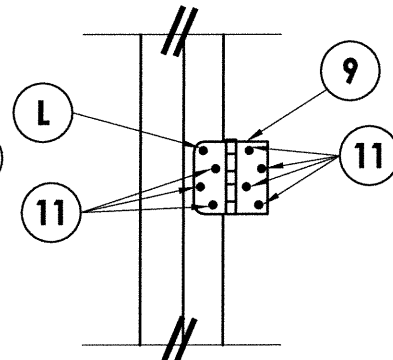
HINGE JAMB



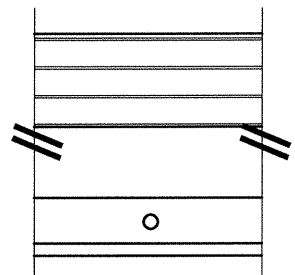
LATCH & DEAD BOLT DETAIL



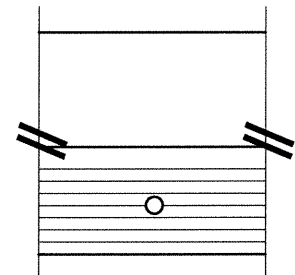
HINGE DETAIL
Inswing



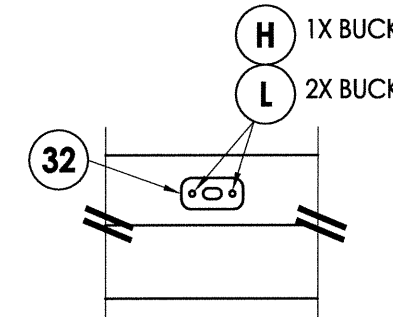
HINGE DETAIL
Outswing



DETAIL 1
Astragal throw bolts
at the threshold
(Inswing)



DETAIL 1
Astragal throw bolts
at the threshold
(Outswing)



DETAIL 2
Attach astragal throw bolt
strike plate to frame
as shown

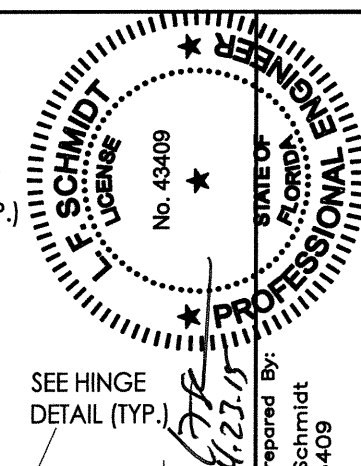
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ITW TAPCON®	1/4"	1-1/4"	2"	4"
ELCO ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

1. 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
FIBERGLASS DOOR

PART OR ASSEMBLY:
BUCK AND FRAME ANCHORING
(OXXO)

NO.	DATE	REVISIONS
1	3/9/15	UPDATE TO 5TH ED. (2014) FBC

DATE: 02/16/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15210.6
SHEET 11 OF 16

Technical drawings of a 3D printed part, showing top, front, and side views with dimensions.

Top View:

- Overall width: 3.99"
- Distance from left edge to first hole center: 0.478"
- Distance between hole centers: 0.478"
- Distance from right edge to last hole center: 0.478"
- Hole diameter: $\varnothing 0.346"$

Front View:

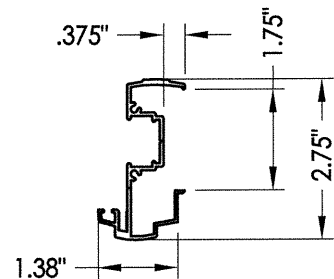
- Overall height: 0.573"
- Distance from left edge to first hole center: 0.975"

Side View:

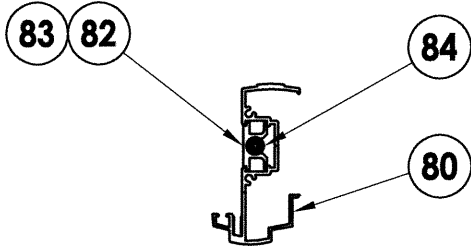
- Overall depth: 0.050"
- Distance from left edge to first hole center: $\varnothing 0.335"$
- Distance between hole centers: $\varnothing 0.168"$

Diagram showing the elevation view of the pipe. The pipe has a diameter of $\varnothing 20.31''$ and a length of 20.0 inches. A break symbol is shown in the middle of the pipe.

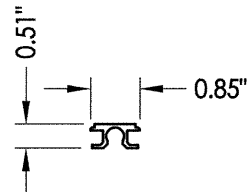
		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE C.A. No. 9813	
PRODUCT:		PART OR ASSEMBLY:		REVISIONS	
PLASTPRO FIBERGLASS DOOR		ASTRAGAL DETAILS		JK BY	
1		3/9/15		UPDATE TO 5TH ED. (2014)	
NO.		DATE		FBC	
DATE: 02/16/12		SCALE: N.T.S.		DWG. BY: JK	
CHK. BY: LFS		DRAWING NO.:		FL-15210.6	
SHEET 12 OF 16		DATE: 02/16/12		SCALE: N.T.S.	



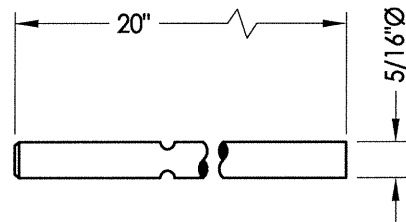
80 ALUMINUM ASTRAGAL
By Columbia



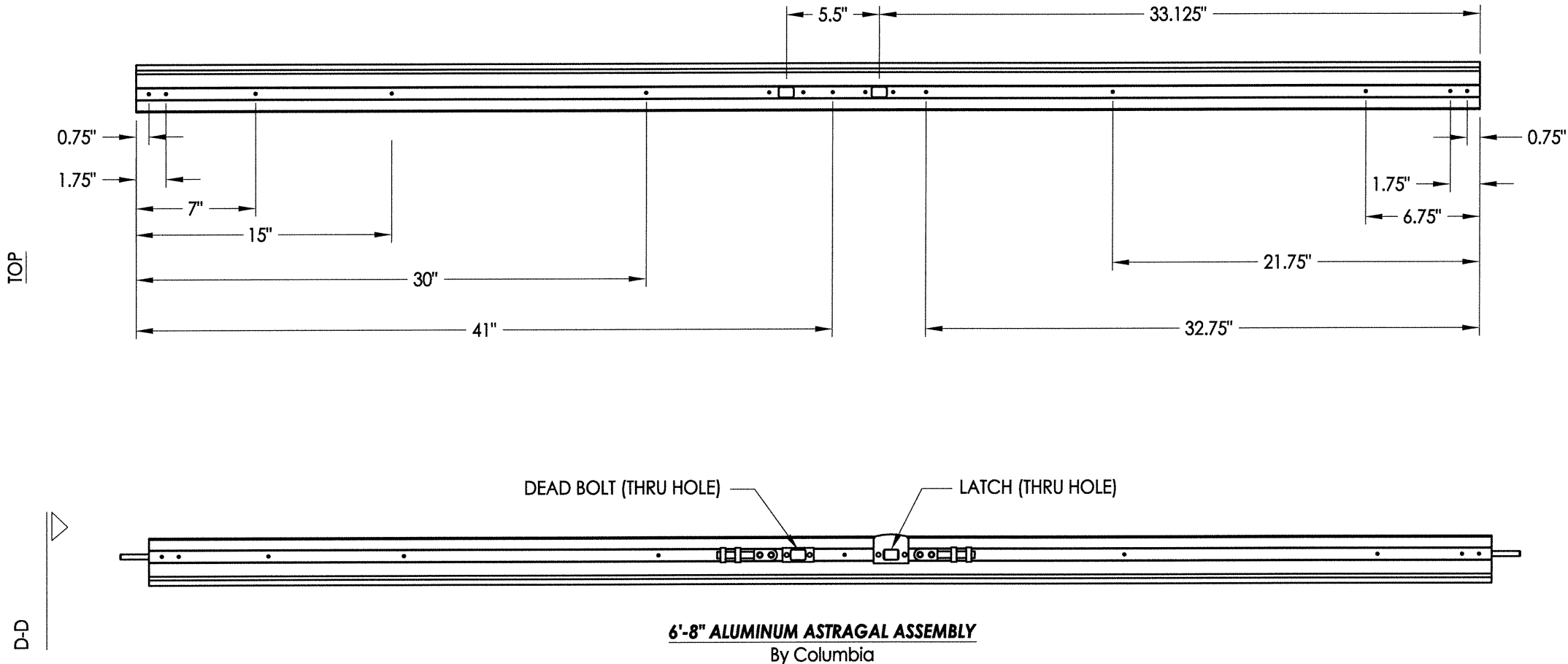
VIEW D-D
Aluminum Astragal Assembly



82 83 FLUSHBOLT RETAINER
Top / bottom
Aluminum 6063-T5

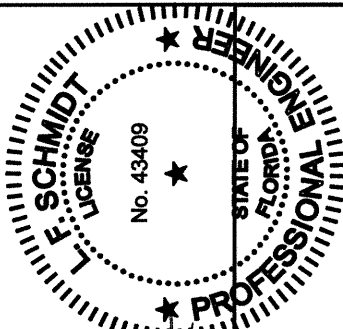


84 FLUSHBOLT ROD
Steel



6'-8" ALUMINUM ASTRAGAL ASSEMBLY
By Columbia

BOTTOM



Lyndon F. Schmidt
4/23/15

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

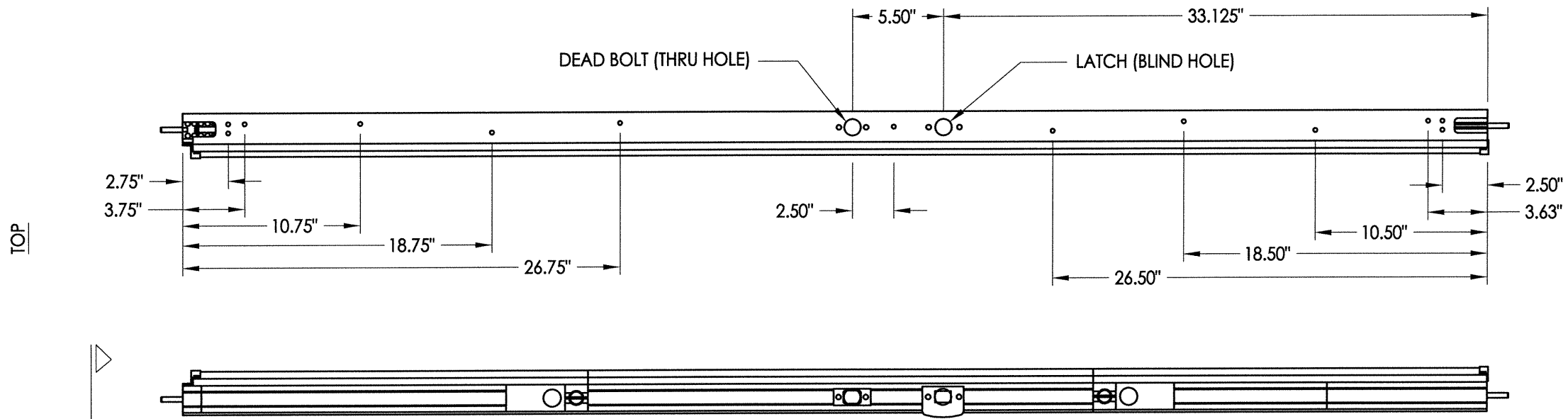
R.W.
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE C.A. No. 9813

PRODUCT:	PLASTPRO FIBERGLASS DOOR
PART OR ASSEMBLY:	ASTRAGAL DETAILS

NO.	DATE	DESCRIPTION	BY
1	3/9/15	UPDATE TO 5TH ED. (2014) FBC	JK

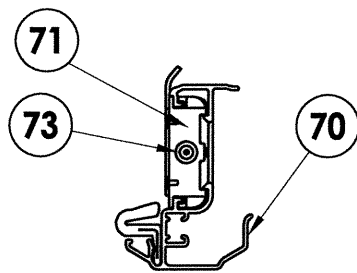
DATE:	02/16/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15210.6
SHEET	13 OF 16

R:\Clients\Plastpro, Inc PERMANENT\Florida Product Approvals\FL-15210 HVHZ Fiberglass - Impact Opaque and Glazed\C - Drawings\FL-15210 (2014)\FL-15210.1-6.dwg, 14.6

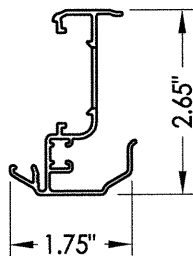


A-A

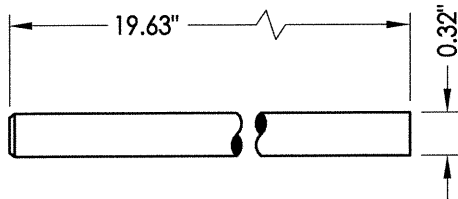
6'-8" ALUMINUM ASTRAGAL ASSEMBLY
By Endura



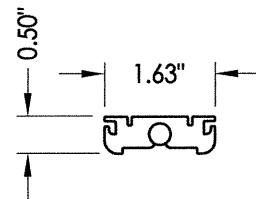
VIEW A-A
Aluminum Astragal Assembly



70 ALUMINUM ASTRAGAL
By Endura Product

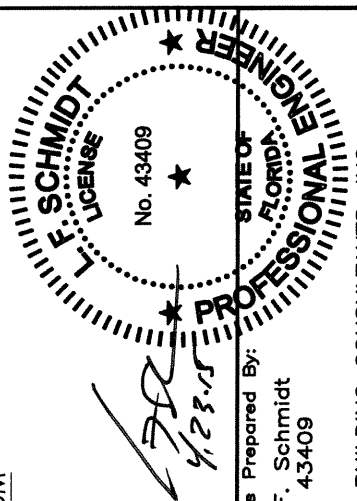


73 SLIDE BOLT ROD
MATL: Steel



71 BOLT RETAINER
MATL: 9-3/4" Aluminum

BOTTOM



Documents Prepared By:
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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
FIBERGLASS DOOR

PART OR ASSEMBLY:
ASTRAGAL DETAILS

NO.	DATE	REVISIONS
1	3/9/15	UPDATE TO 5TH ED. (2014) FBC
JK		
BY		

DATE: 02/16/12

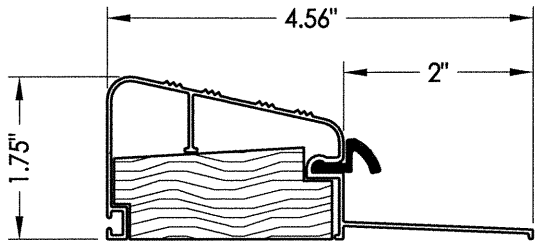
SCALE: N.T.S.

DWG. BY: JK

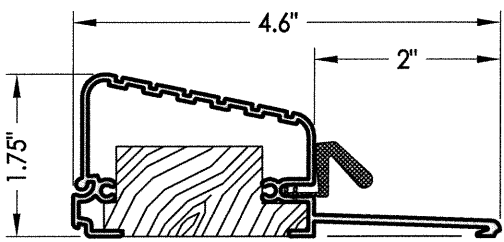
CHK. BY: LFS

DRAWING NO.:
FL-15210.6

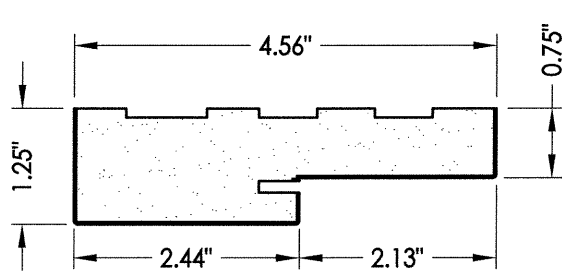
SHEET 14 OF 16



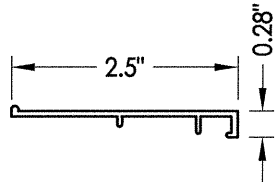
30 OUTSWING THRESHOLD
DLP (QOSR)



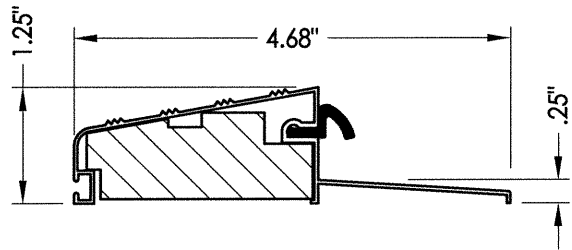
34 OUTSWING THRESHOLD
Columbia High Dam (581)



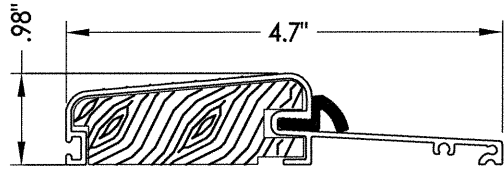
1 POLY FIBER JAMB
Plastpro



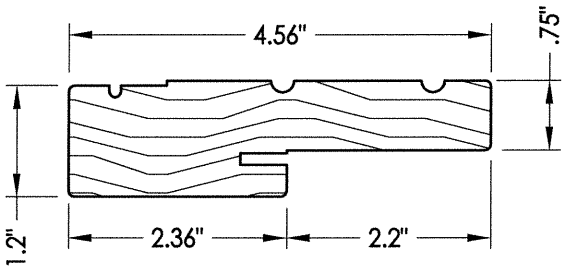
35 OUTSWING SIDELITE ADAPTER



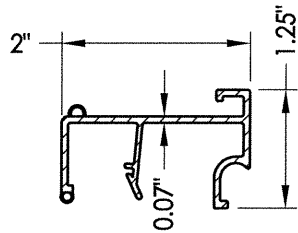
32 OUTSWING THRESHOLD
DLP (QOSH)



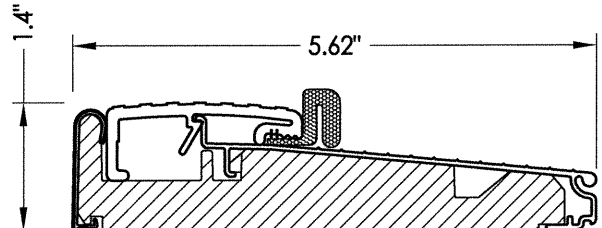
31 OUTSWING THRESHOLD
Columbia (575)



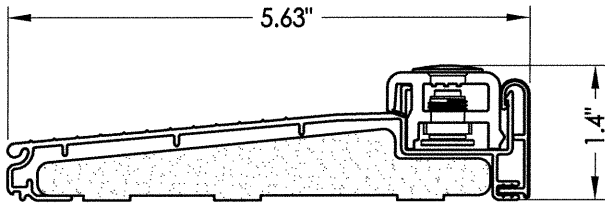
2 WOOD JAMB



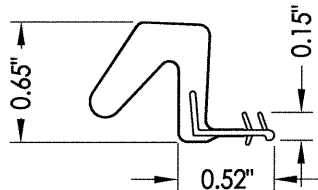
39 INSWING SIDELITE ADAPTER



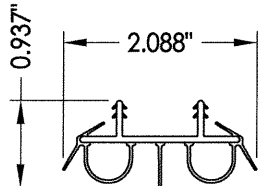
33 OUTSWING THRESHOLD
Endura (Z-Series)



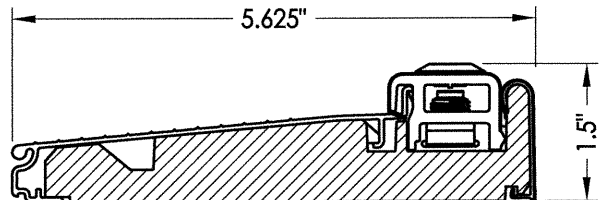
38 INSWING THRESHOLD
Columbia



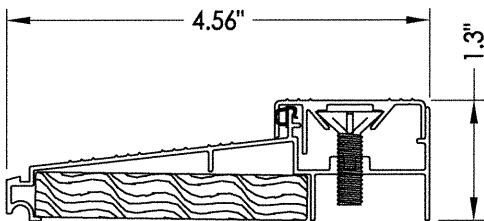
7 WEATHERSTRIP
Endura Force 5



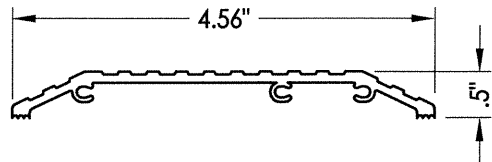
8 DOOR BOTTOM SWEEP



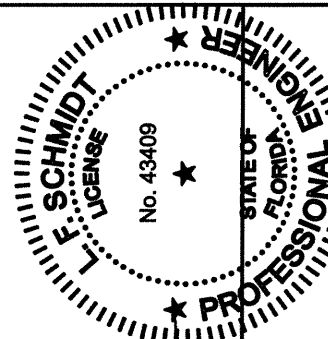
36 INSWING THRESHOLD
Endura (Z-Series)



37 INSWING THRESHOLD
DLP (ISCS)



29 ADA THRESHOLD
DLP



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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:		COMPONENTS	
DATE:		02/16/12	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-15210.6	
SHEET		15 OF 16	
NO.		DATE	
1		3/9/15	
UPDATE TO 5TH ED. (2014)		FBC	
JK		BY	
REVISIONS			

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
G	1/4" X 3-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
H	3/16" x 3-1/4" PFH ITW CONCRETE SCREW	STEEL
I	1/4" X 1-3/4" 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 1-1/2" PFH WOOD SCREW	STEEL
1	POLY FIBER JAMB	COMP. / VINYL
2	FINGER JOINTED PINE FRAME	WOOD
3	EXT. FRAME (ODL)	ALUM.
4	INT. FRAME (ODL)	ALUM.
5	#7-19 X 1-3/4" PPH SELF-DRILLING SMS	STEEL
6	#10 X 1-3/4" PPH WOOD SCREW	STEEL
7	WEATHERSTRIP	FOAM
8	DOOR BOTTOM SWEEP	VINYL
9	4" X 4" BUTT HINGE	STEEL
11	#9 X 3/4" PFH WOOD SCREW	STEEL
12	NON STRUCTURAL SEALANT	SILICONE
13	STRUCTURAL SILICINE (DOW 995)	SILICONE
15	EXT. FRAME (BY ROYAL MOULDINGS)	PVC
16	INT. FRAME (BY ROYAL MOULDINGS)	PVC
17	SCREW CAP (BY ROYAL MOULDINGS)	PVC
22	3 POINT "TONGUE" MULTI-POINT LOCKSET (Mfg. BY HOPPE)	STEEL
23	MULTI-POINT STRIKE PLATE (TONGUE SYSTEM)	STEEL
25	LATCH AND DEADBOLT STRIKE PLATE (TONGUE SYSTEM)	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE (SECURITY)	STEEL
29	ADA THRESHOLD	ALUM
30	OUTSWING THRESHOLD	ALUM/WOOD
31	OUTSWING THRESHOLD	ALUM/WOOD
32	OUTSWING THRESHOLD	ALUM/WOOD
33	OUTSWING THRESHOLD	ALUM/COMP
34	OUTSWING THRESHOLD	ALUM/WOOD
35	OUTSWING SIDELITE ADAPTER	VINYL
36	INSWING THRESHOLD	ALUM/COMP
37	INSWING THRESHOLD	ALUM/WOOD
38	INSWING THRESHOLD	ALUM/COMP
39	INSWING SIDELITE ADAPTER	VINYL
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
50	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-

55	#10 X 1-1/2" PFH SCREW	STEEL
57	BACKING PLATE	STEEL
58	#8 X 2" PFH WS	STEEL
60	MULTI-POINT STRIKE PLATE	STEEL
62	LOCK ASSEMBLY	STEEL
65	DLP ASTRAGAL	ALUM
66	CONCEALED STIFFENER	ALUM
67	SLIDE BOLT ROD	ALUM
70	ASTRAGAL BY ENDURA	ALUM
71	BOLT RETAINER (9-3/4")	ALUM
73	SLIDE BOLT ROD	STEEL
80	ASTRAGAL BY COLUMBIA	ALUM
81	FLUSHBOLT RETAINER	ALUM
82	FLUSHBOLT RETAINER	ALUM
83	FLUSHBOLT ROD	STEEL
88	2X REINFORCEMENT SG >= 0.55	WOOD

