



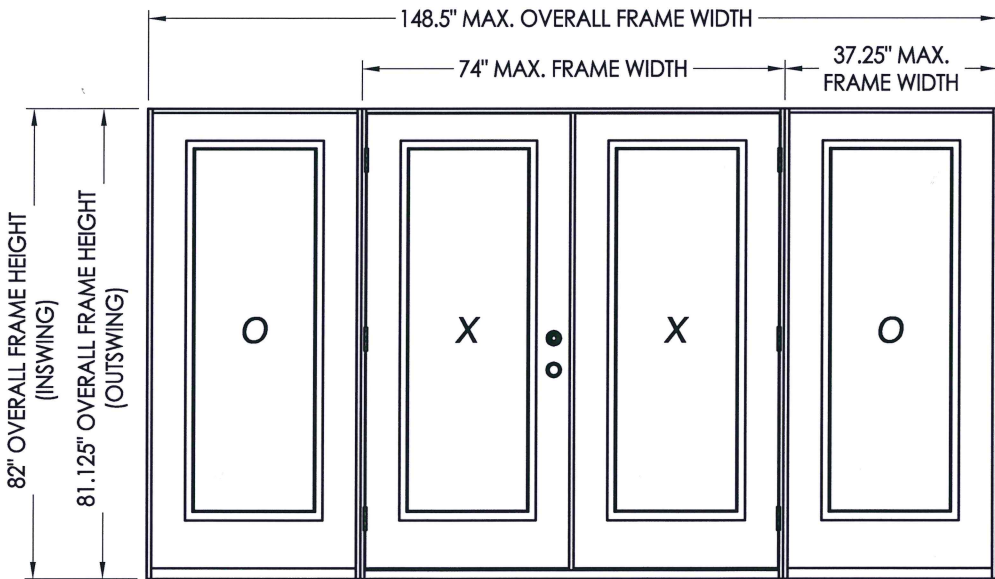
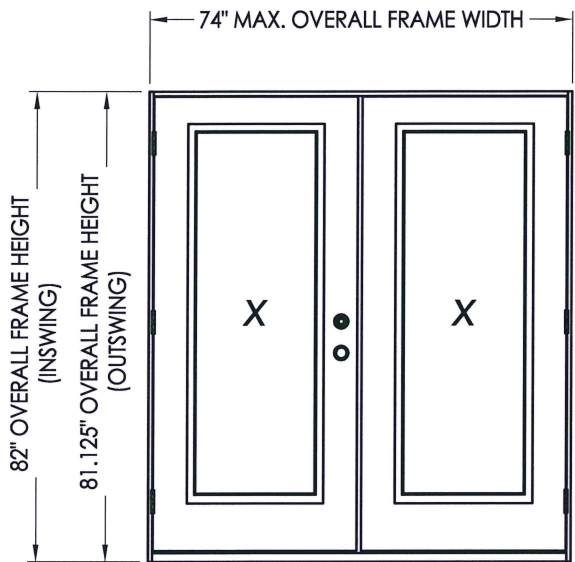
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

**GLAZED FIBERGLASS DOORS
DOUBLES
w/ or w/o SIDELITES
INSWING / OUTSWING
"NON-IMPACT"**

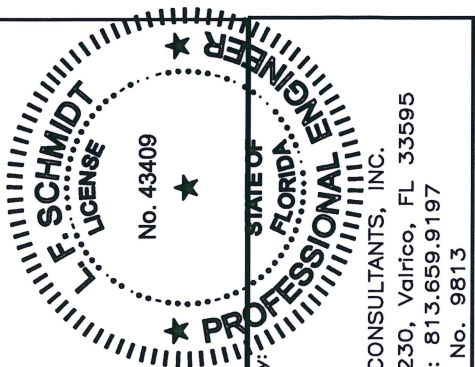
GENERAL NOTES

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 & Sidelite panel details
3	Lite frame glazing details
4	Elevations
5	Vertical cross sections
6	Horizontal cross sections
7	Buck anchoring
8	Frame anchoring & hardware details
9	Bill of materials and components



CONFIG.	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POS.	NEG.	POS.	NEG.
XX	74.0" x 82.0"	+47.0	-47.0	+47.0	-47.0
OXXO	148.5" x 82.0"				



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: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

1	04/14/15	UPDATE TO 5TH ED. (2014) FBC JK							
NO.	DATE	BY							
		REVISIONS							

DATE: 10/8/14

SCALE: N.T.S.

DWG. BY: JK

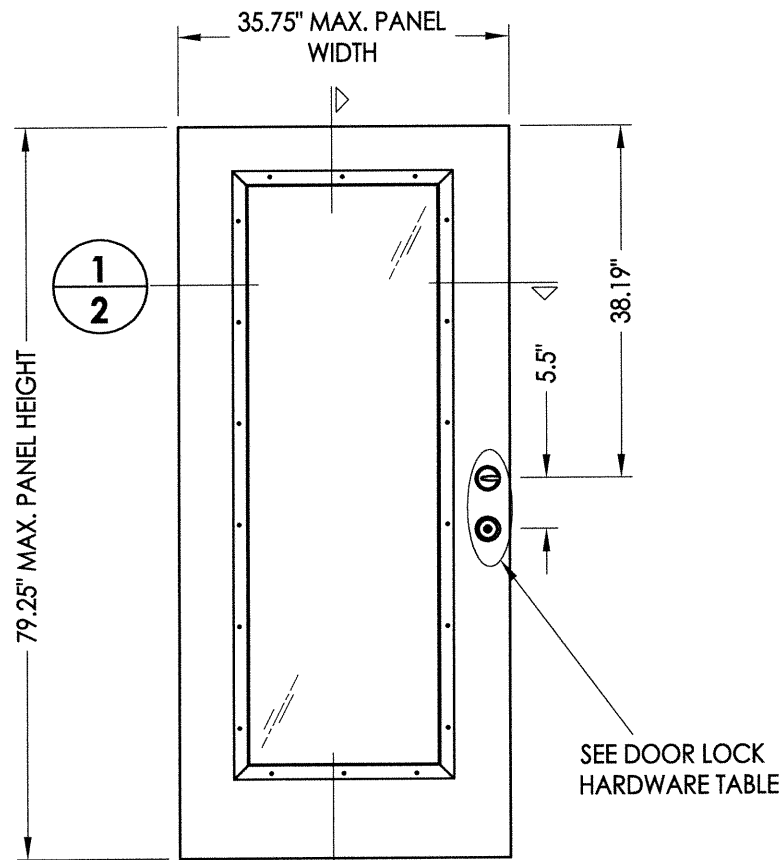
CHK. BY: *LFS*

DRAWING NO.:

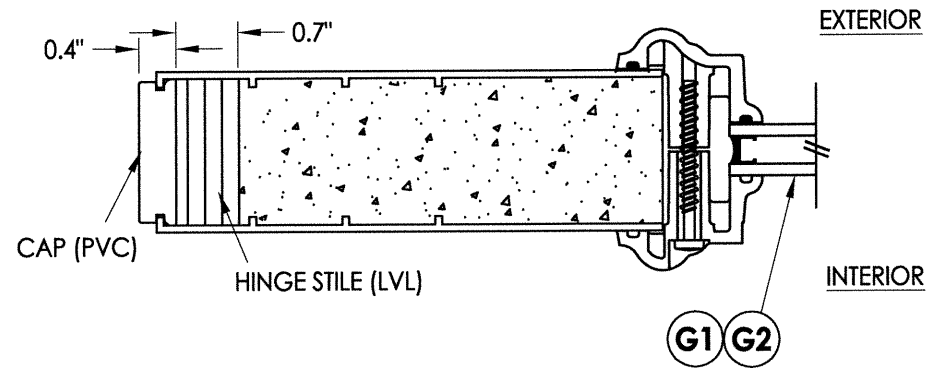
FL-17347.2

SHEET 1 OF 9

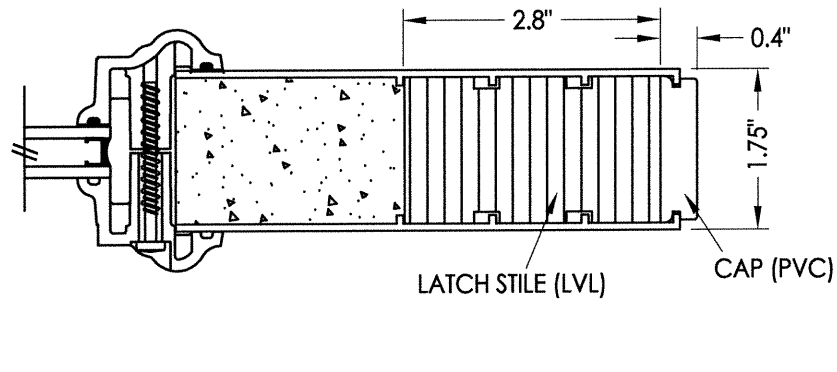
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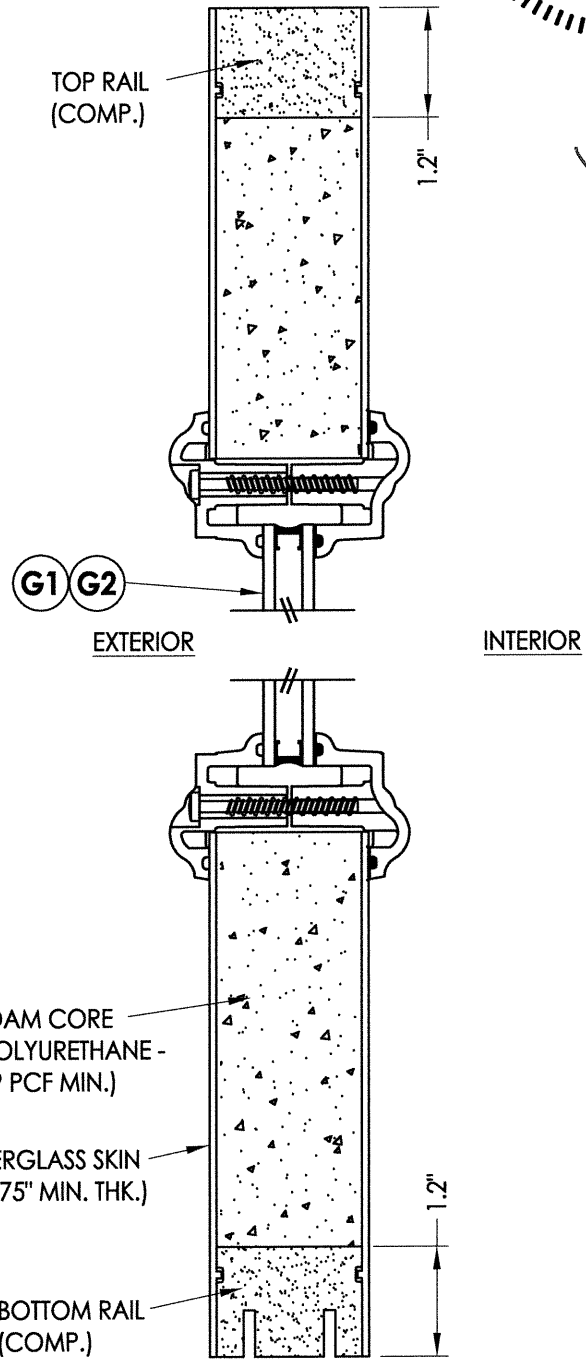
- 40 PLASTPRO DOOR PANEL
- 50 PLASTPRO SIDELITE PANEL



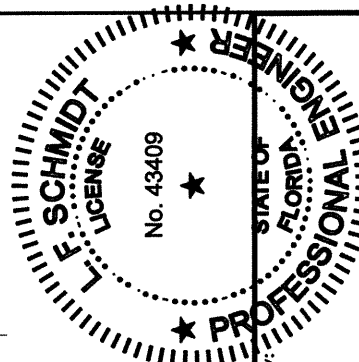
1 HORIZONTAL CROSS SECTION



DOOR LOCK HARDWARE TABLE		
MANUFACTURER	MODEL	
KWIKSET	KNOB:	SERIES (400)
	DEADBOLT:	SERIES (660)
SCHLAGE	HANDLE SET:	"F" SERIES (F60)
	DEADBOLT:	"F" SERIES (F60)
SCHLAGE	KNOB:	"F" SERIES (F10)
	DEADBOLT:	"B" SERIES (B60/62)
YALE	KNOB:	CIRRUS 100 C
	DEADBOLT:	820 SINGLE CYLINDER

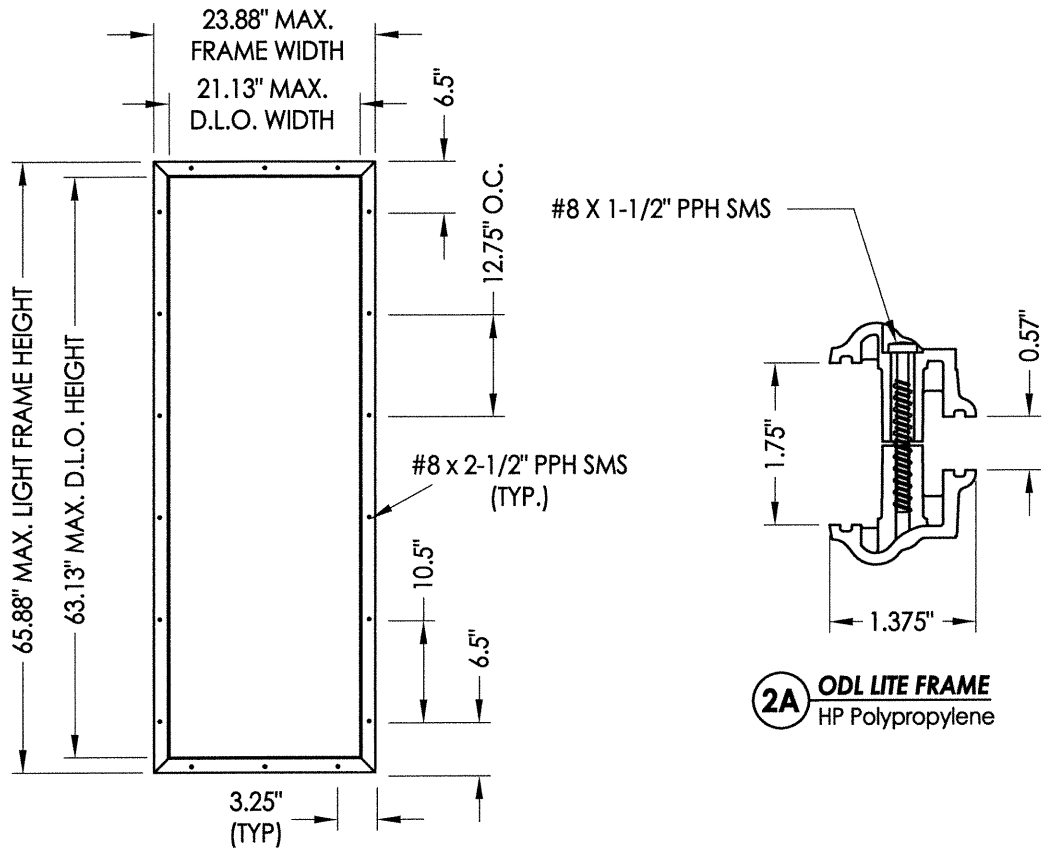


2 VERTICAL CROSS SECTION

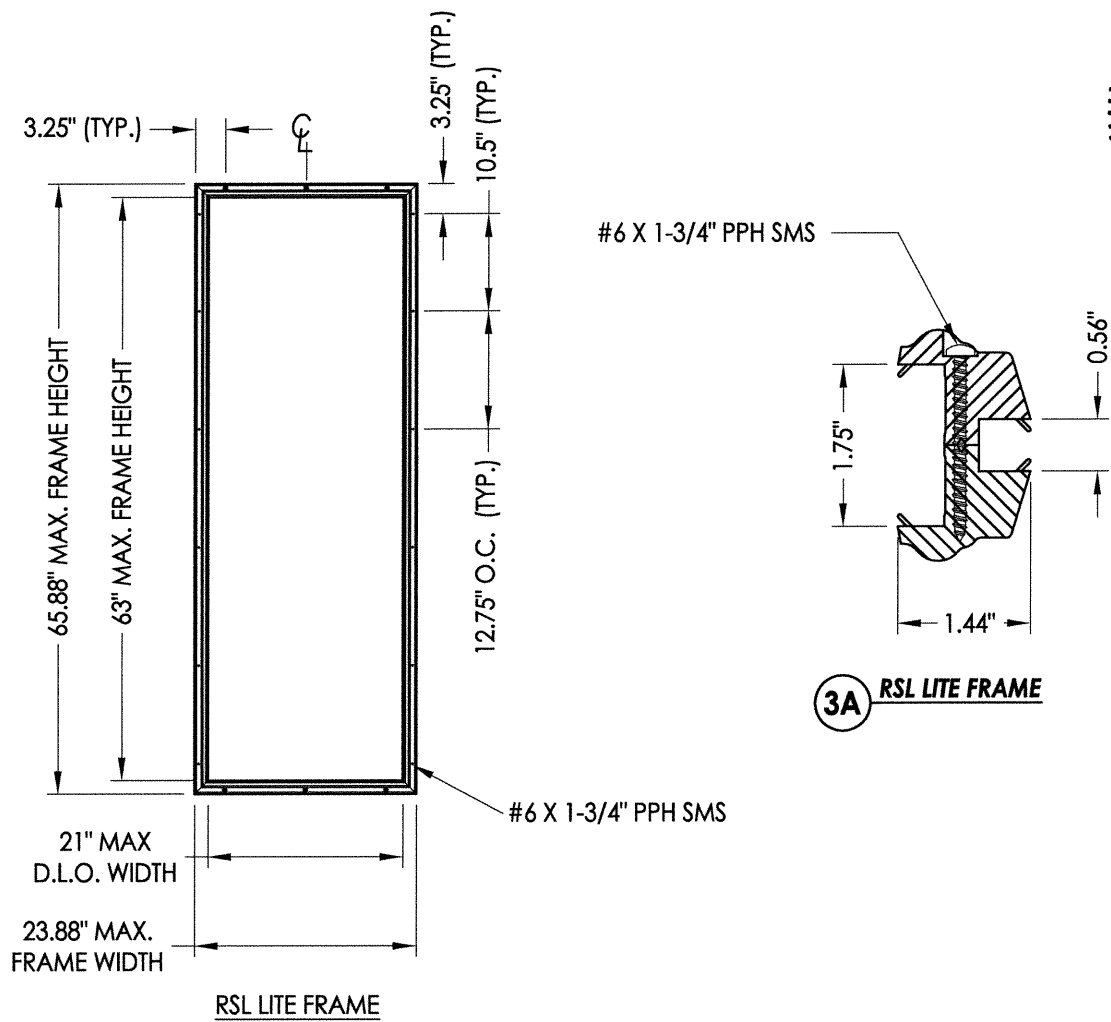
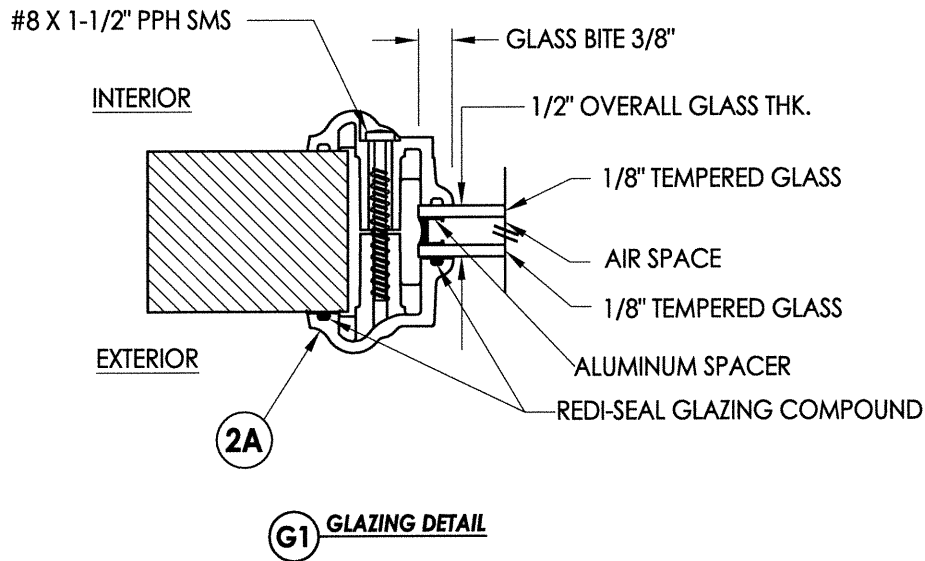


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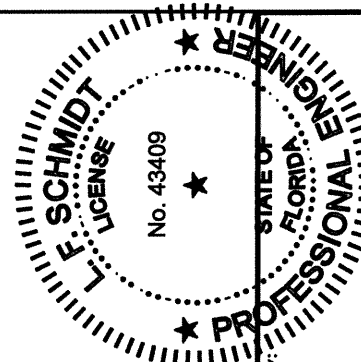
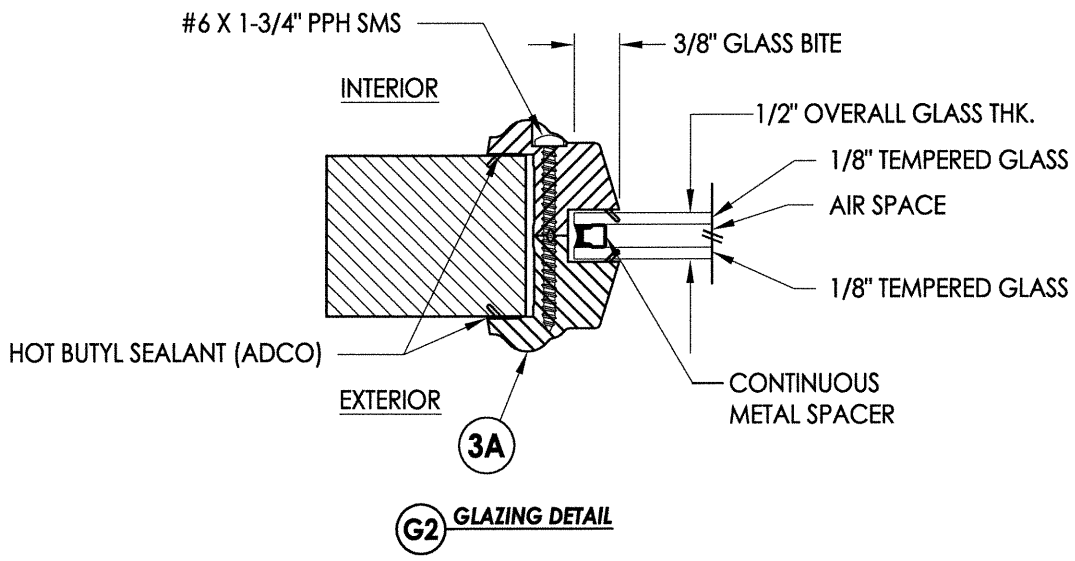
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE C.A. No. 9813	
PRODUCT: PLASTPRO FIBERGLASS DOOR		PART OR ASSEMBLY: DOOR & SIDELITE PANEL DETAILS	
		JK	BY
		1	04/14/15
		NO.	DATE
		REVISIONS	
DATE: 10/8/14			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-17347.2			
SHEET 2 OF 9			



ODL LITE FRAME



RSL LITE FRAME



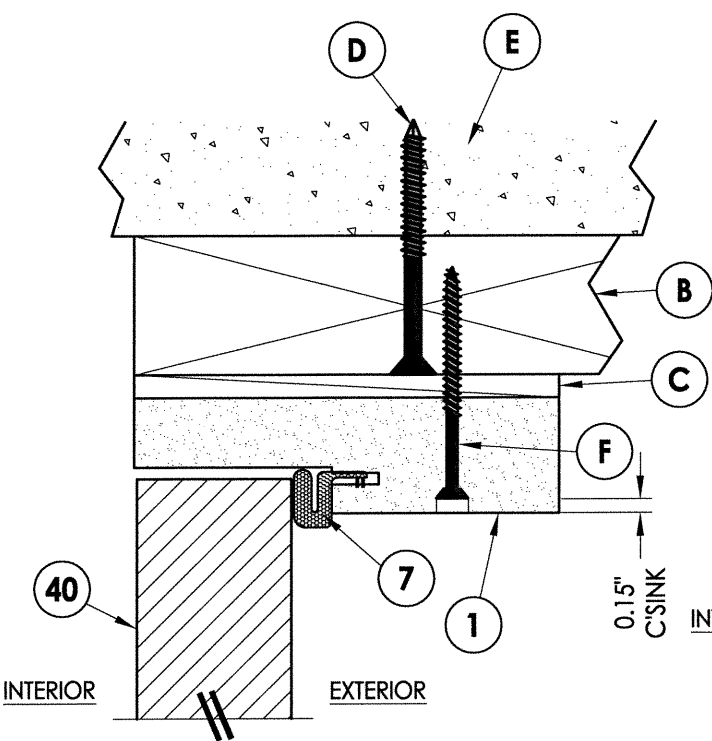
LFS
8.16.15

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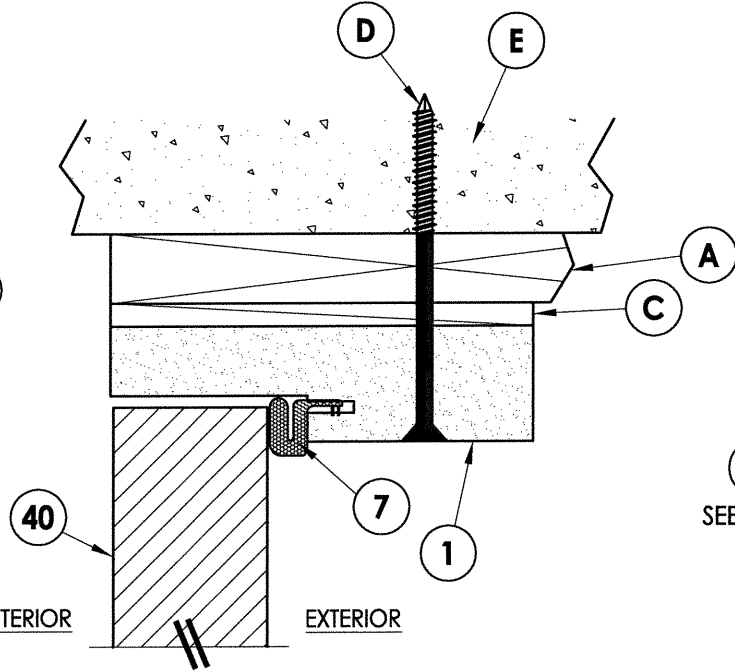
RW
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE C.A. No. 9813

PRODUCT:		PLASTPRO FIBERGLASS DOOR	
PART OR ASSEMBLY:		LITE FRAME GLAZING DETAILS	
		JK	BY
		1 04/14/15	UPDATE TO 5TH ED. (2014) FBC
		NO.	DATE
REVISIONS			
DATE: 10/8/14			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-17347.2			
SHEET 3 OF 9			

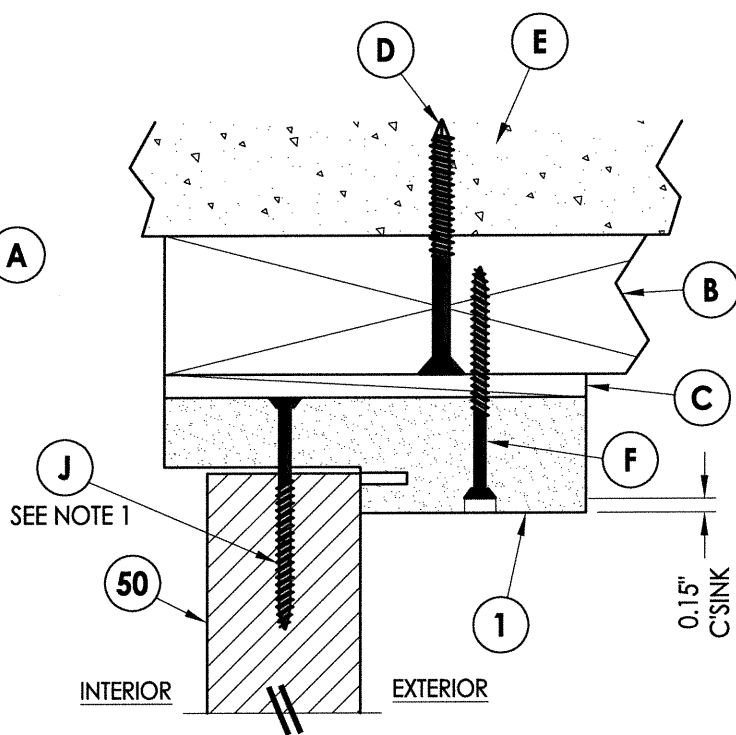
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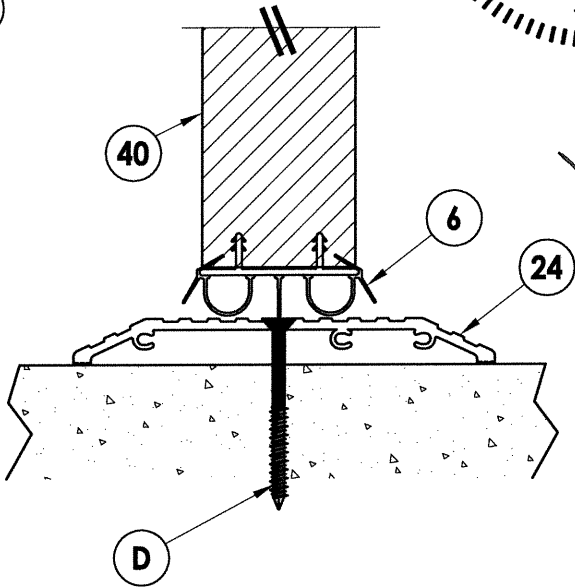
1 **VERTICAL CROSS SECTION**
5 Inswing shown (Outswing similar)
2X Buck Construction



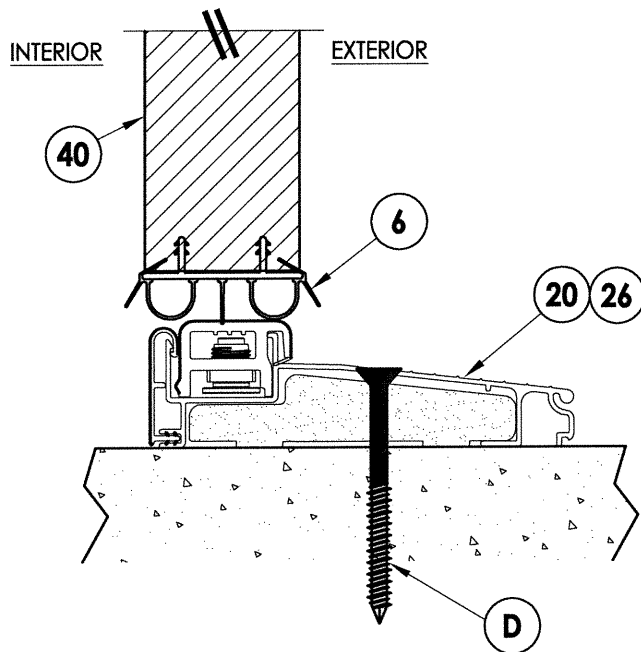
2 **VERTICAL CROSS SECTION**
5 Inswing shown (Outswing similar)
1X Buck Construction



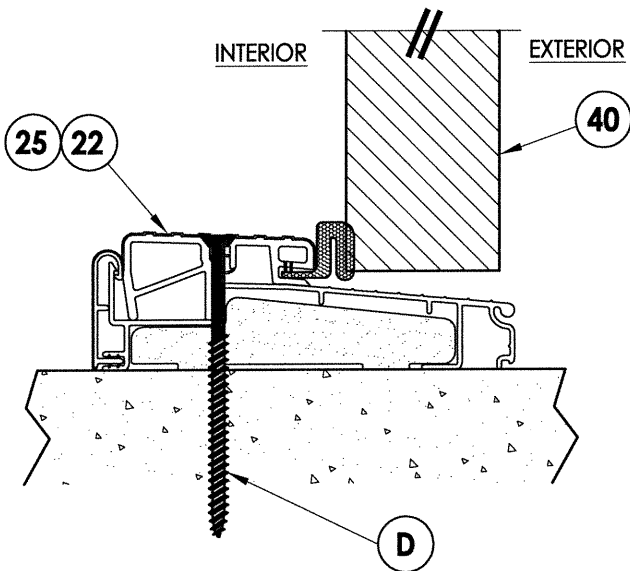
3 **VERTICAL CROSS SECTION**
5 Inswing shown (Outswing similar)
2X Buck Construction



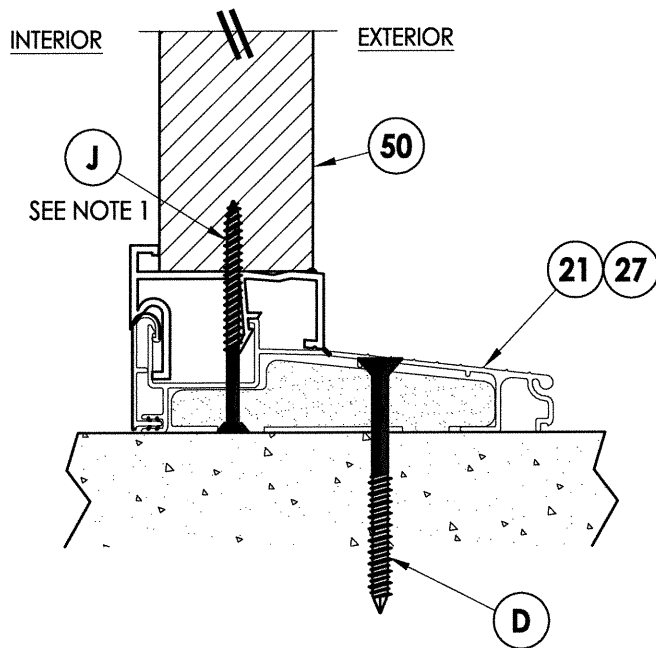
8 **VERTICAL CROSS SECTION**
5 ADA Sill



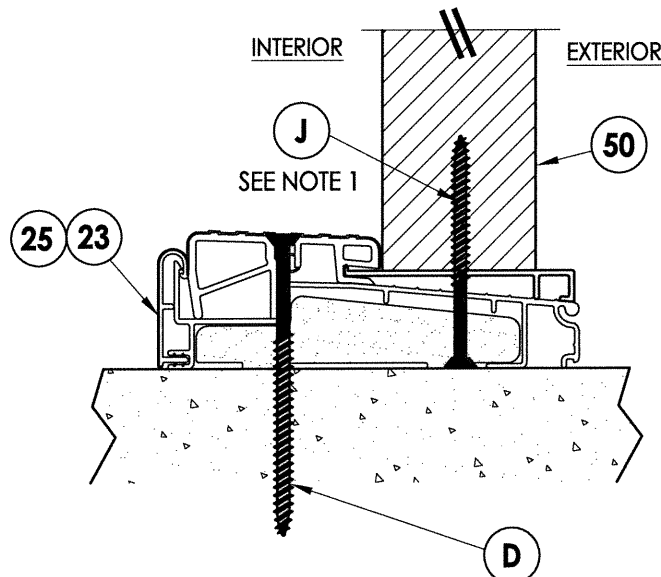
4 **VERTICAL CROSS SECTION**
5 Inswing sill



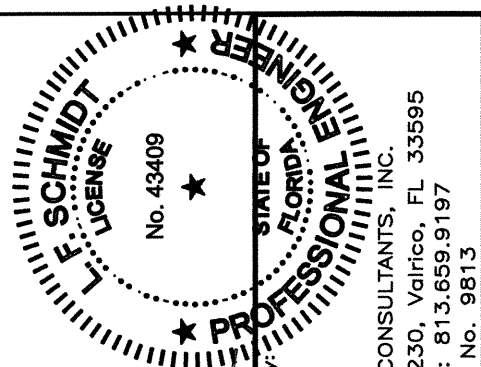
5 **VERTICAL CROSS SECTION**
5 Outswing sill



6 **VERTICAL CROSS SECTION**
5 Inswing sill



7 **VERTICAL CROSS SECTION**
5 Inswing sill



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FBPE C.A. No. 9813

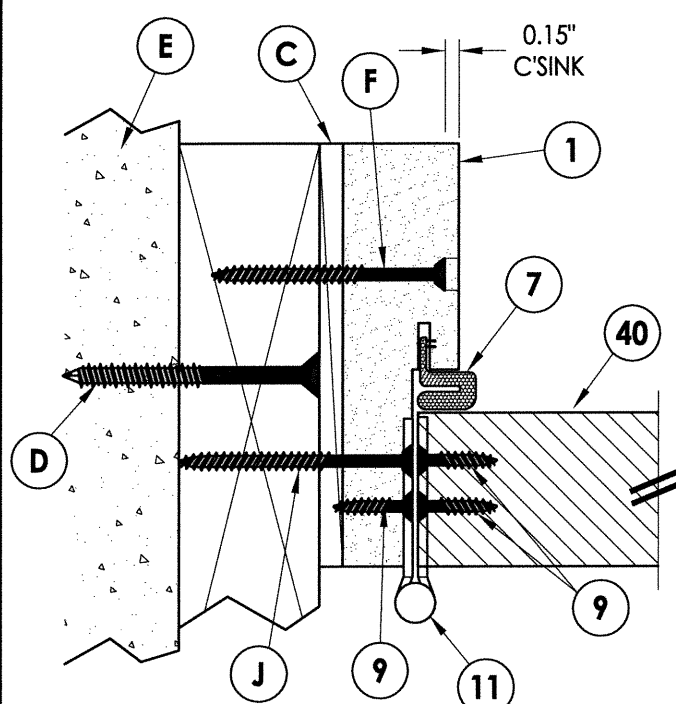
PRODUCT: PLASTPRO
FIBERGLASS DOOR

PART OR ASSEMBLY:
VERTICAL CROSS
SECTIONS

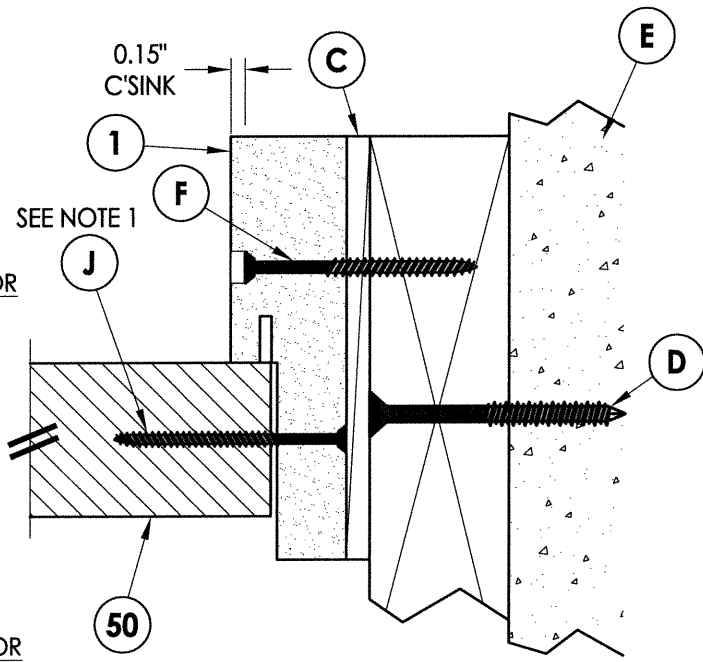
NO.	DATE	REVISIONS
1	04/14/15	UPDATE TO 5TH ED. (2014) FBC
JK	BY	

DATE: 10/8/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-17347.2
SHEET 5 OF 9

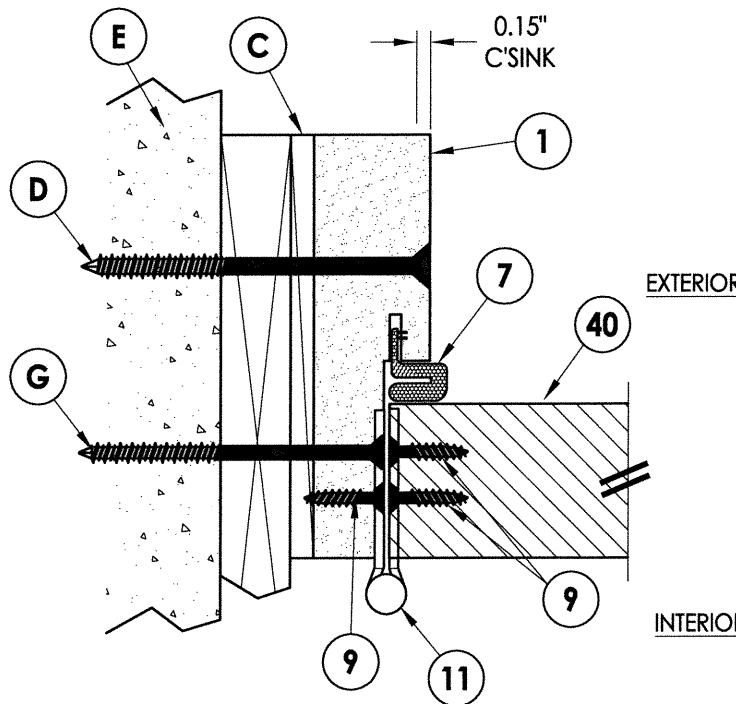
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1 **HORIZONTAL CROSS SECTION**
6 Inswing shown (Outswing similar)
2X Buck Construction

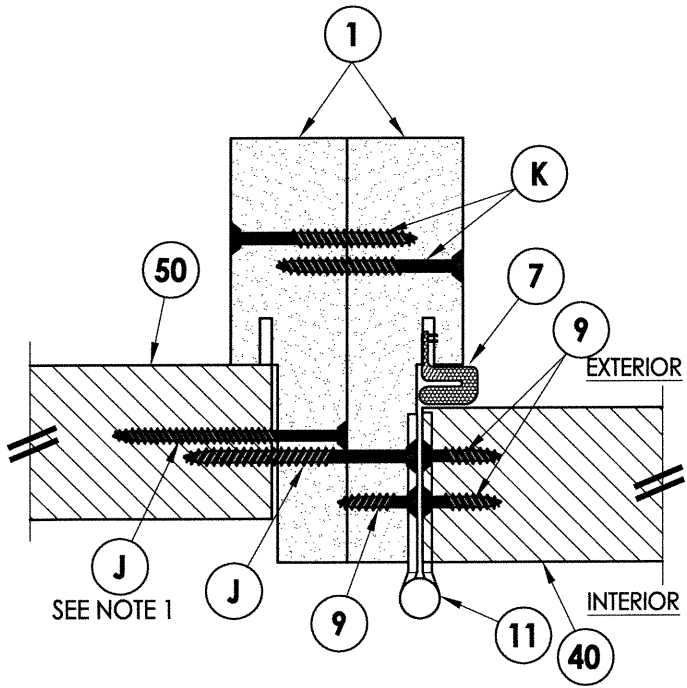


2 **HORIZONTAL CROSS SECTION**
6 Inswing shown (Outswing similar)
2X Buck Construction

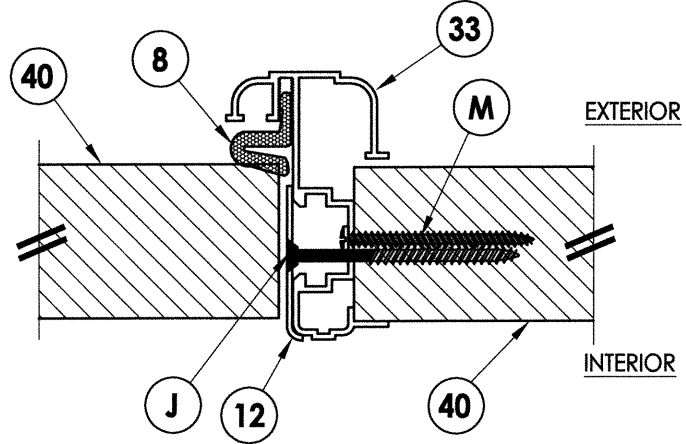


3 **HORIZONTAL CROSS SECTION**
6 Inswing shown (Outswing similar)
1X Buck Construction

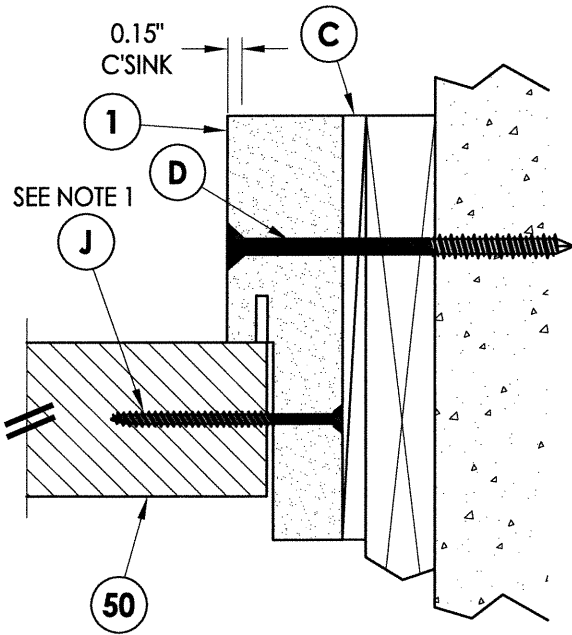
NOTE:
1. Spacing for item J: 6" from each end
and 3 more equally spaced along
sidelite jamb (5 total).



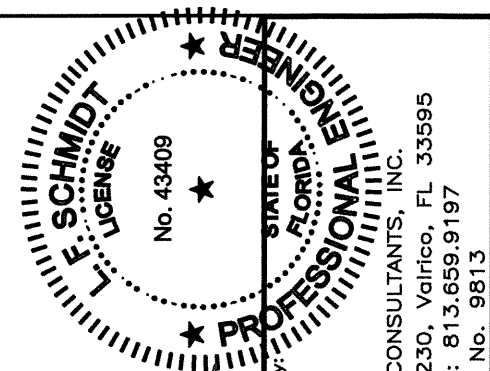
5 **HORIZONTAL CROSS SECTION**
6 Inswing shown (Outswing similar)
(Shown w/out Reinforcement)



6 **HORIZONTAL CROSS SECTION**
6 Inswing shown (Outswing similar)



4 **HORIZONTAL CROSS SECTION**
6 Inswing shown (Outswing similar)
1X Buck Construction



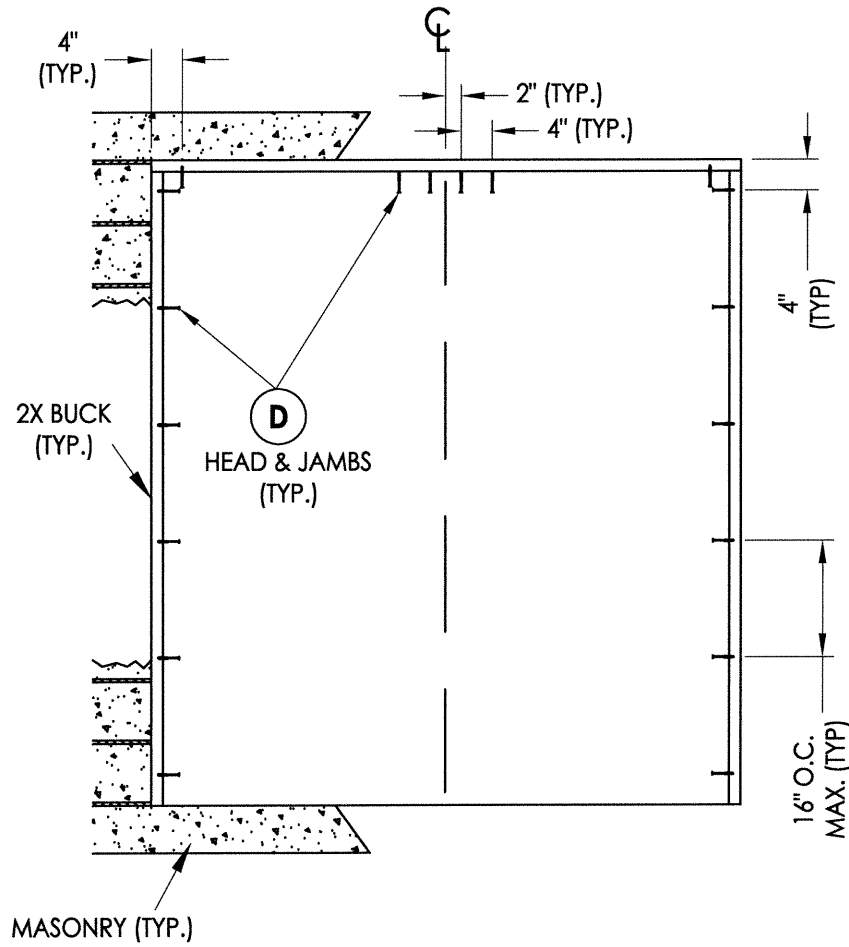
Documents Prepared By:
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P.E. No. 43409
RW
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE C.A. No. 9813

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

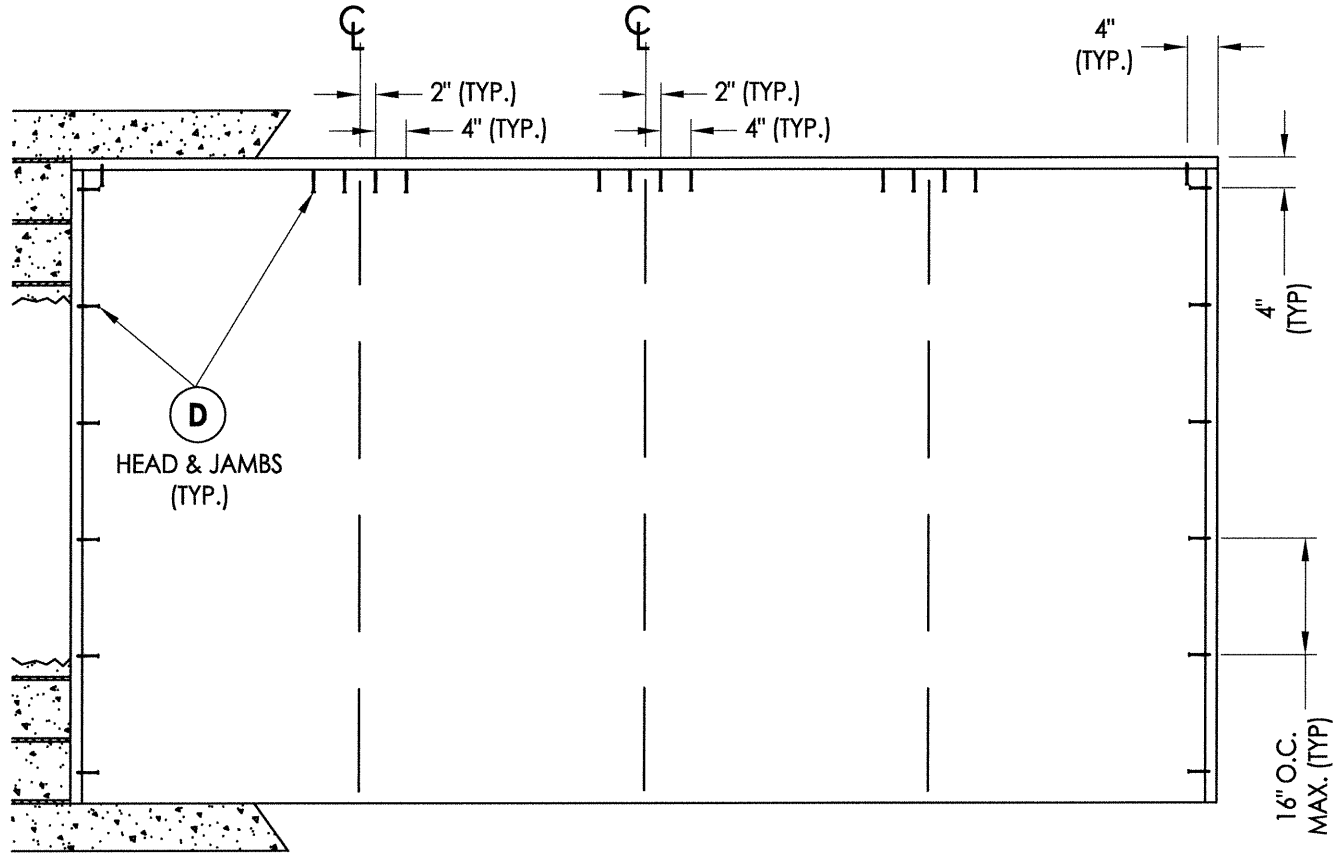
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DATE: 10/8/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-17347.2
SHEET 6 OF 9

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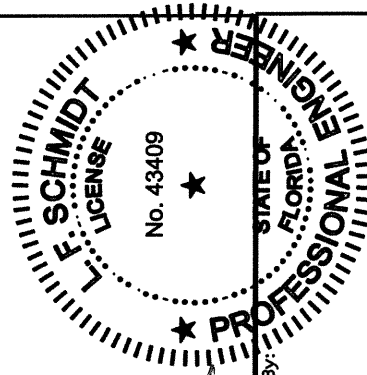


XX



OXXO

2X BUCK ANCHORING



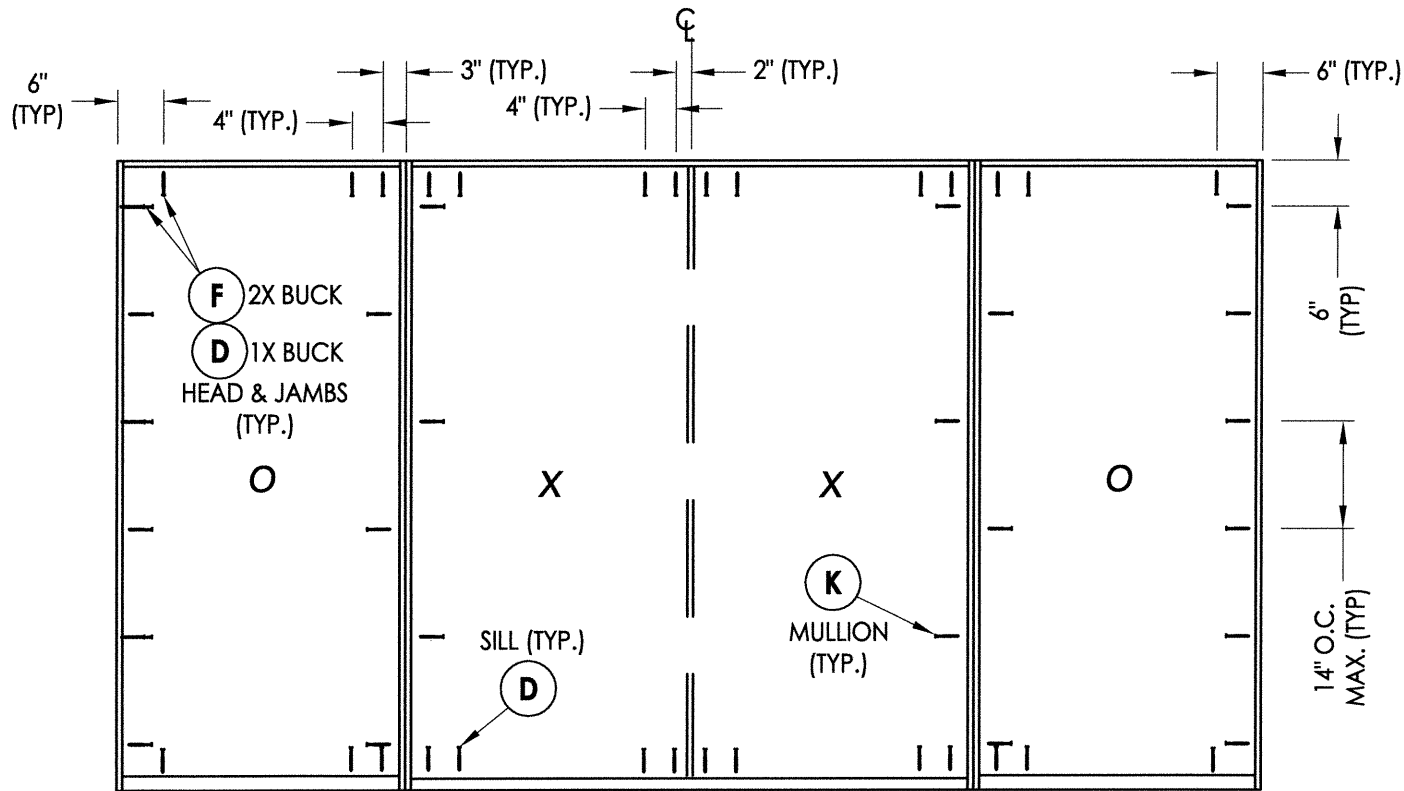
LFS
4.16.15

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Lyndon F. Schmidt
P.E. No. 43409

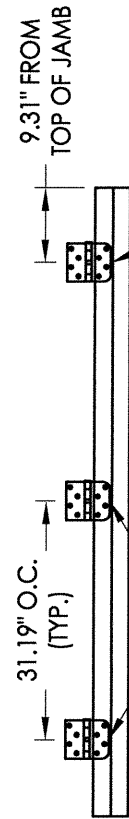
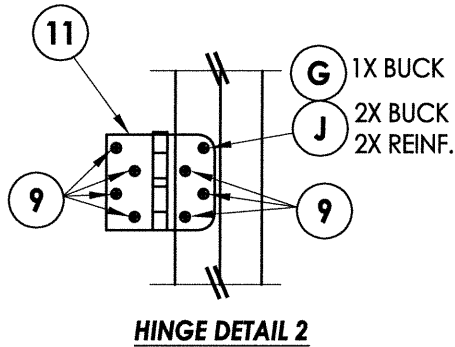
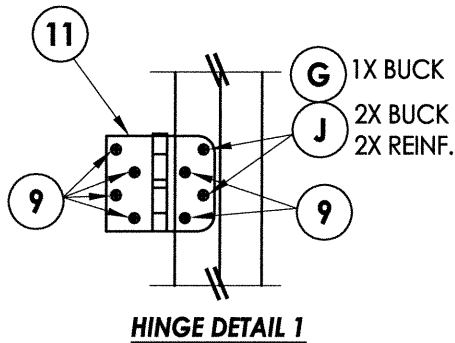
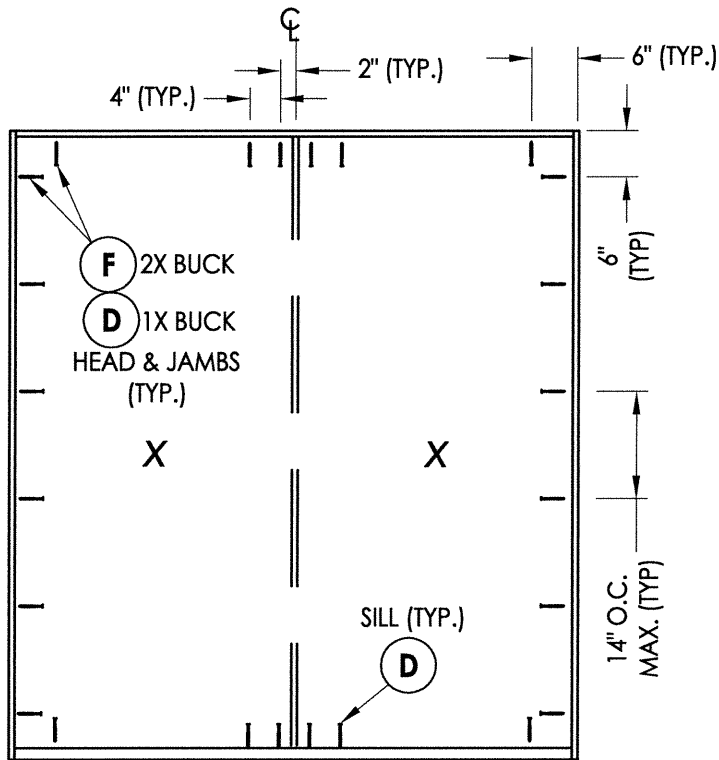
R.W. BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE C.A. No. 9813

PRODUCT:		PART OR ASSEMBLY:	
PLASTPRO FIBERGLASS DOOR		BUCK ANCHORING	
		JK	BY
1	04/14/15	UPDATE TO 5TH ED. (2014)	FBC
NO.	DATE		
REVISIONS			
DATE: 10/8/14			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-17347.2			
SHEET 7 OF 9			

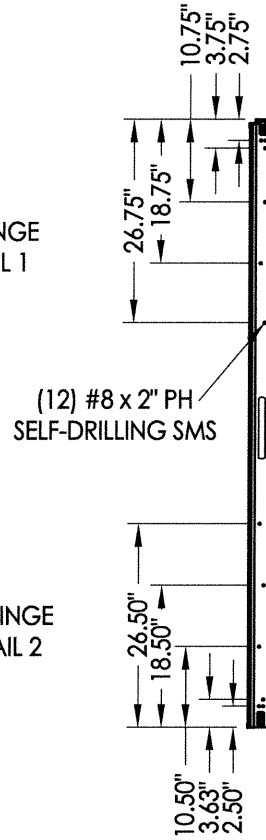
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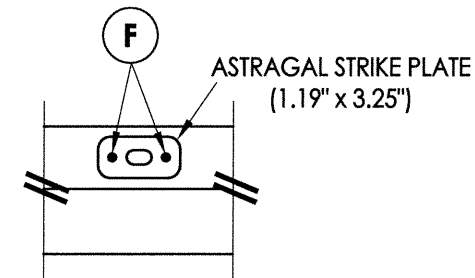
FRAME ANCHORING



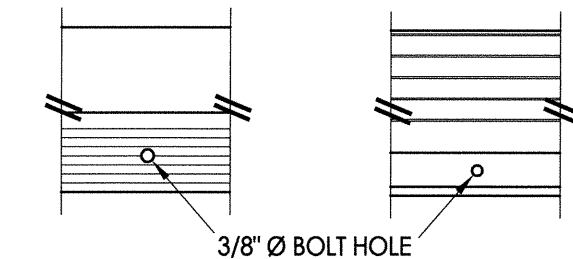
HINGE JAMB



ASTRAL GAL SCREW LOCATIONS



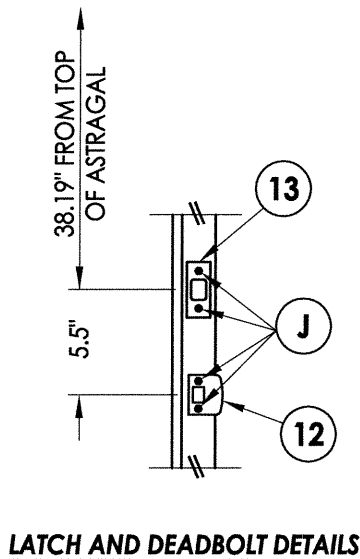
ASTRAL GAL BOLT DETAIL
Strike Plate @ Head



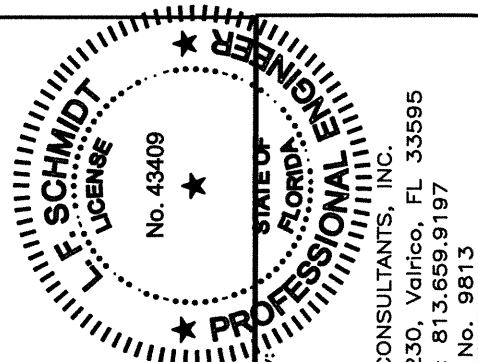
ASTRAL GAL BOLT DETAIL
Outswing Threshold

ASTRAL GAL BOLT DETAIL
Inswing Threshold

HARDWARE DETAILS



LATCH AND DEADBOLT DETAILS



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: FRAME ANCHORING & HARDWARE DETAILS

NO.	DATE	REVISIONS
1	04/14/15	UPDATE TO 5TH ED. (2014) FBC

DATE:	10/8/14
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-17347.2
SHEET	8 OF 9

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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	2X FRAMING (G >= 0.42)	WOOD
B	2X BUCK (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" PFH CONCRETE SCREW (1-1/4" MIN. EMB.)	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMB.)	STEEL
G	3/16" PFH CONCRETE SCREW (1-1/4" MIN. EMB.)	STEEL
J	#10 X 2-1/2" PFH WOOD SCREW	STEEL
K	#10 X 2" PFH WOOD SCREW	STEEL
M	#8 X 2" PH SMS	STEEL
1	POLY FIBER JAMB	COMP.
5	2X REINFORCEMENT (G >= 0.55)	WOOD
6	DOOR SWEEP	PVC
7	WEATHERSTRIP (ENDURA FORCE 5)	FOAM
8	WEATHERSTRIP (Q-LON)	FOAM
9	#9 x 3/4" PFH WOOD SCREW	STEEL
11	4" X 4" HINGE	STEEL
12	LATCH STRIKE PLATE	STEEL
13	DEADBOLT STRIKE PLATE	STEEL
20	INSWING THRESHOLD	ALUM/COMP
21	INSWING THRESHOLD w/ SIDELITE ADAPTER	ALUM/COMP
22	OUTSWING THRESHOLD	ALUM/COMP
23	OUTSWING THRESHOLD w/ SIDELITE ADAPTER	ALUM/COMP
24	ADA THRESHOLD	ALUM
25	OUTSWING THRESHOLD	ALUM/WOOD
26	INSWING THRESHOLD	ALUM/WOOD
27	INSWING THRESHOLD w/ SIDELITE ADAPTER	ALUM/WOOD
33	ASTRAGAL (DLP OR ENDURA)	ALUM
40	DOOR PANEL	-
50	SIDELITE PANEL	-

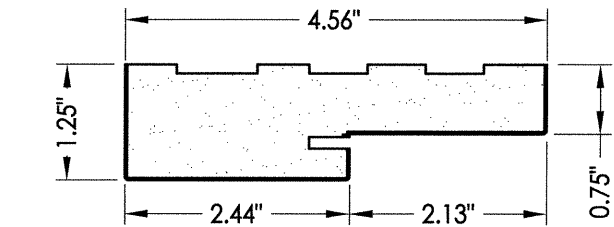
CONCRETE ANCHOR NOTES:

- 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:

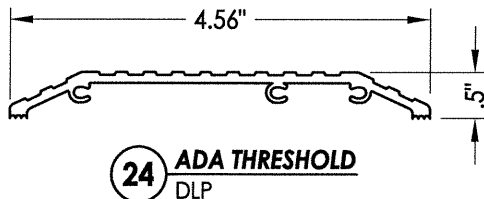
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW BUILDEX TAPCON®	3/16"	1-1/4"	3"	1-1/2"
	1/4"	1-1/4"	2"	4"
ELCO ULTRACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

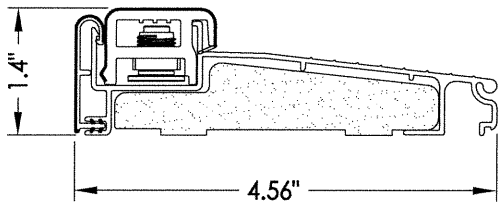
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



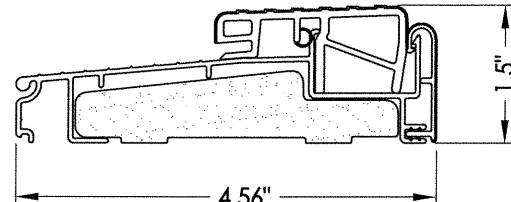
1 POLY FIBER JAMB



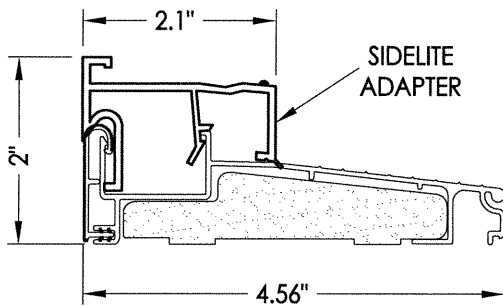
24 ADA THRESHOLD DLP



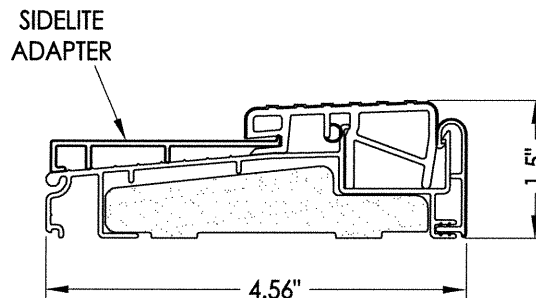
20 INSWING THRESHOLD Endura (Z-Series)



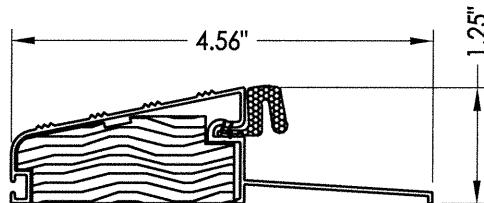
22 OUTSWING THRESHOLD Endura (Z-Series)



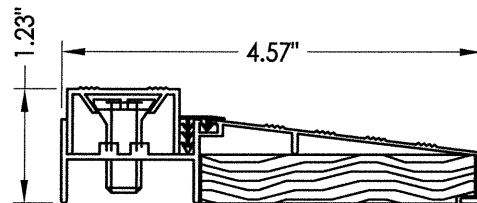
21 INSWING THRESHOLD w/ SIDELITE ADAPTER Endura (Z-Series)



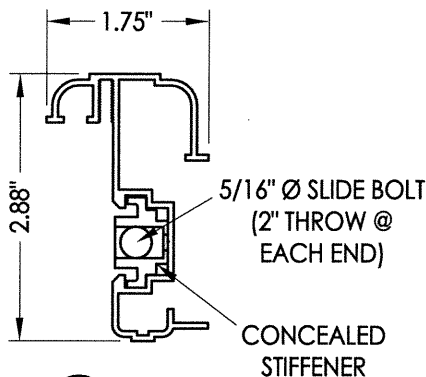
23 OUTSWING THRESHOLD w/ SIDELITE ADAPTER Endura (Z-Series)



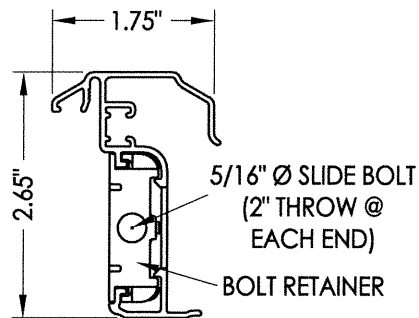
25 OUTSWING THRESHOLD DLP



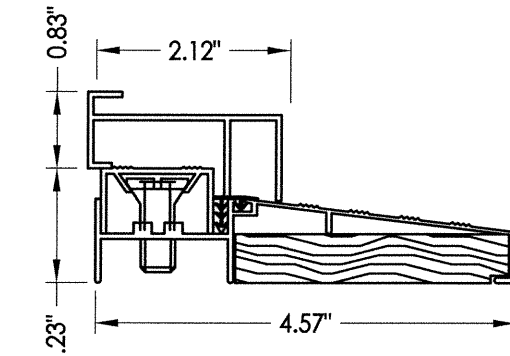
26 INSWING THRESHOLD DLP



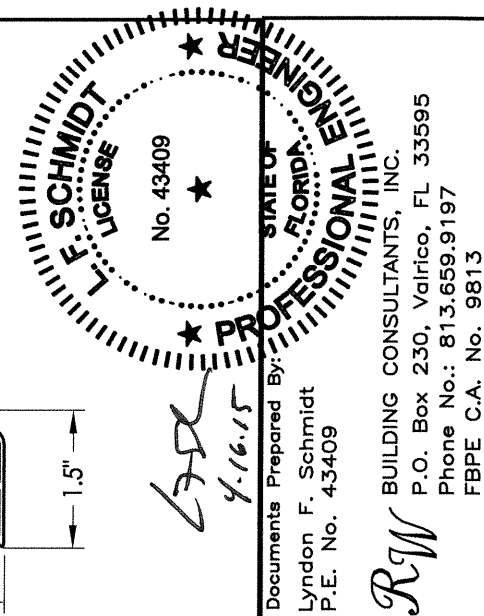
33 ASTRAGAL DLP



33 ENDURA ASTRAGAL Ultimate Hurricane



27 INSWING THRESHOLD w/ SIDELITE ADAPTER DLP



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PRODUCT: PLASTPRO FIBERGLASS DOOR

PART OR ASSEMBLY: BILL OF MATERIALS & COMPONENTS

NO.	DATE	REVISIONS
1	04/14/15	UPDATE TO 5TH ED. (2014) FBC

DATE: 10/8/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-17347.2

SHEET 9 OF 9