



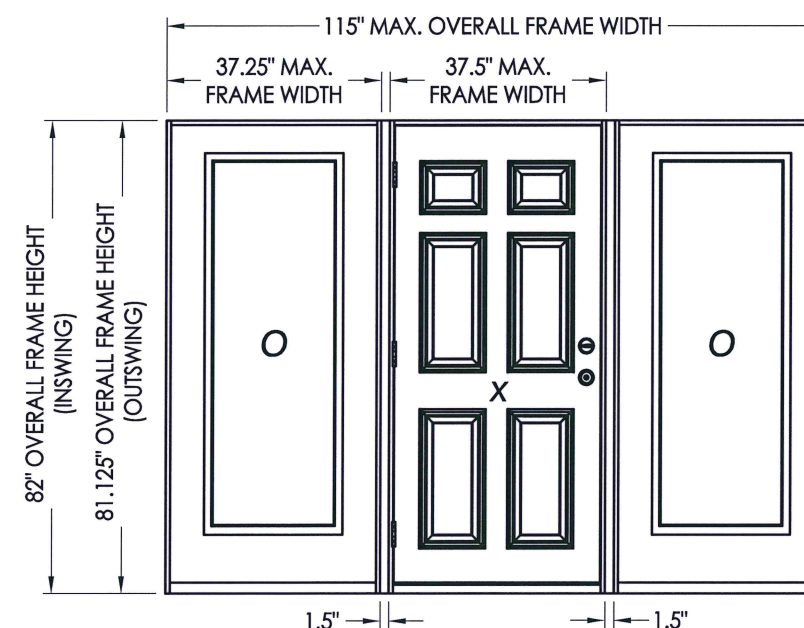
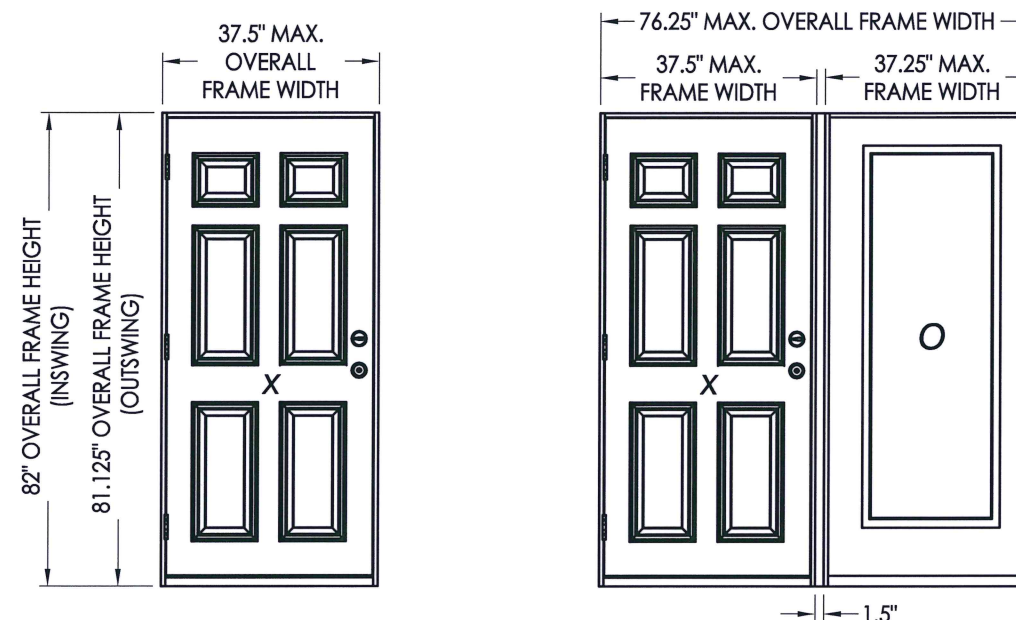
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

**OPAQUE FIBERGLASS DOORS
SINGLES
w/ or w/o SIDELITES
INSWING / OUTSWING
"NON-IMPACT"**

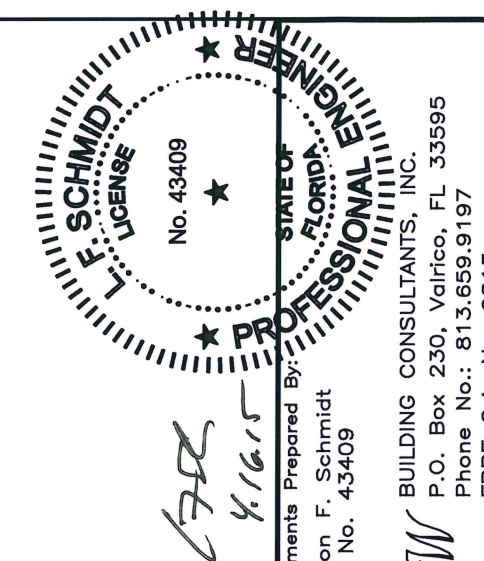
GENERAL NOTES

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.

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SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Door panel details
3	Sidelite panel details
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5	Elevations
6	Vertical cross sections
7	Horizontal cross sections
8	Buck anchoring
9	Frame anchoring & hardware details
10	Bill of materials and components



CONFIGURATION	MAX. FRAME DIMENSION	JAMB REINFORCEMENT	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
			POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	37.5" x 82.0"	N/A	+60.0	-65.0	+60.0	-60.0
OX/XO	74.75" x 82.0"	N/A	+47.0	-47.0	+47.0	-47.0
	75.5" x 82.0"	1X	+47.0	-47.0	+47.0	-47.0
	76.25" x 82.0"	2X	+47.0	-47.0	+47.0	-47.0
OXO	112.0" x 82.0"	N/A	+47.0	-47.0	+47.0	-47.0
	113.5" x 82.0"	1X	+47.0	-47.0	+47.0	-47.0
	115.0" x 82.0"	2X	+47.0	-47.0	+47.0	-47.0



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

CONAL
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

[illegible]

DATE: 10/8/14

SCALE: N.T.S.

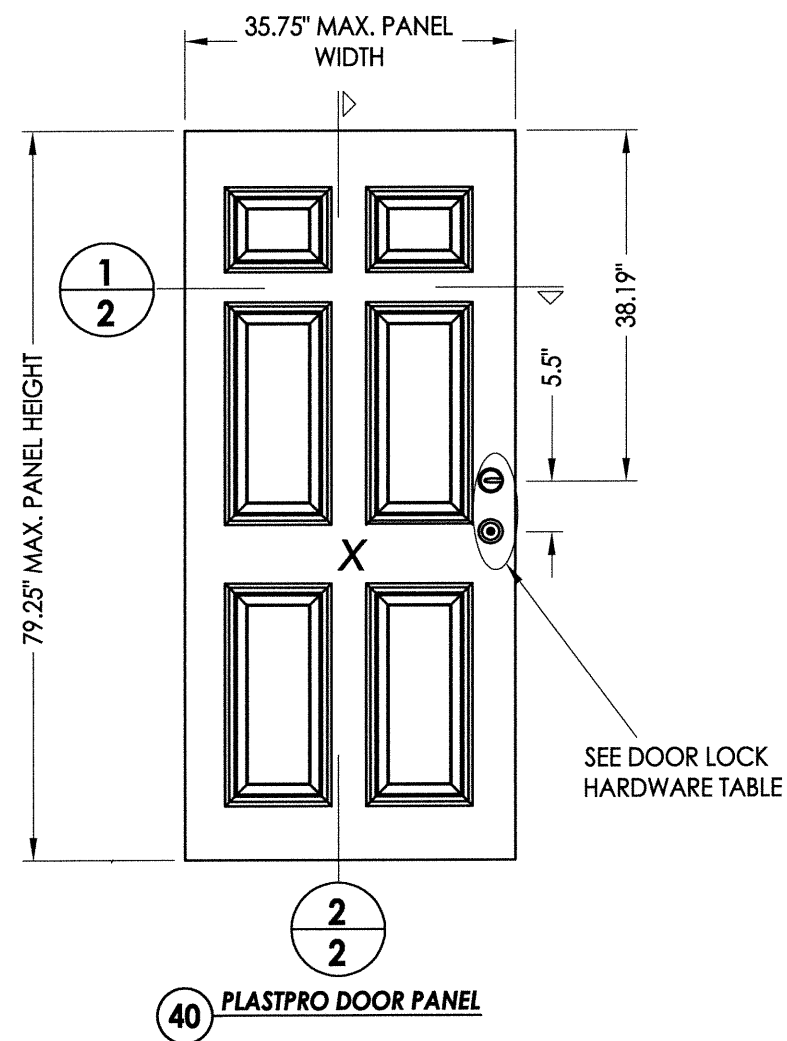
DWG. BY: JK

CHK. BY: LFS

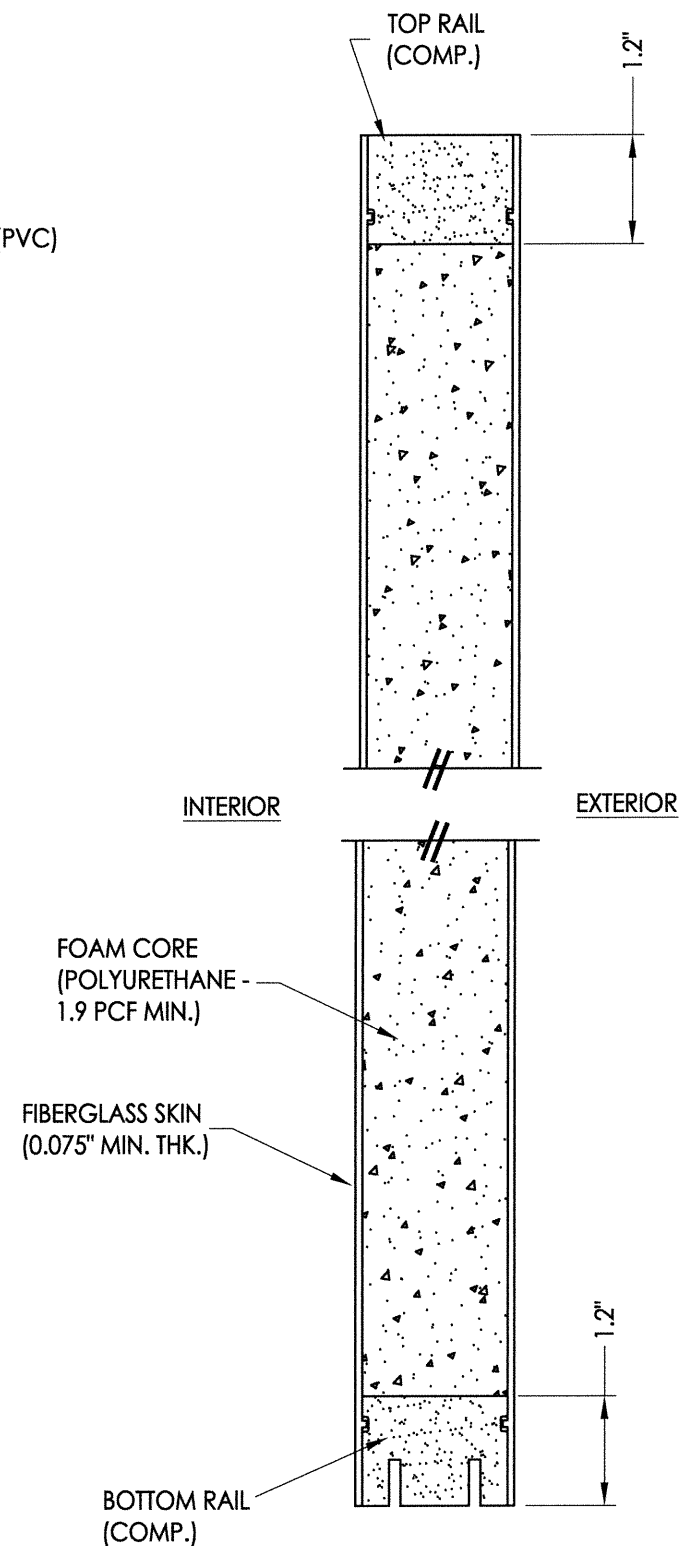
DRAWING NO.:

FL-17347.9

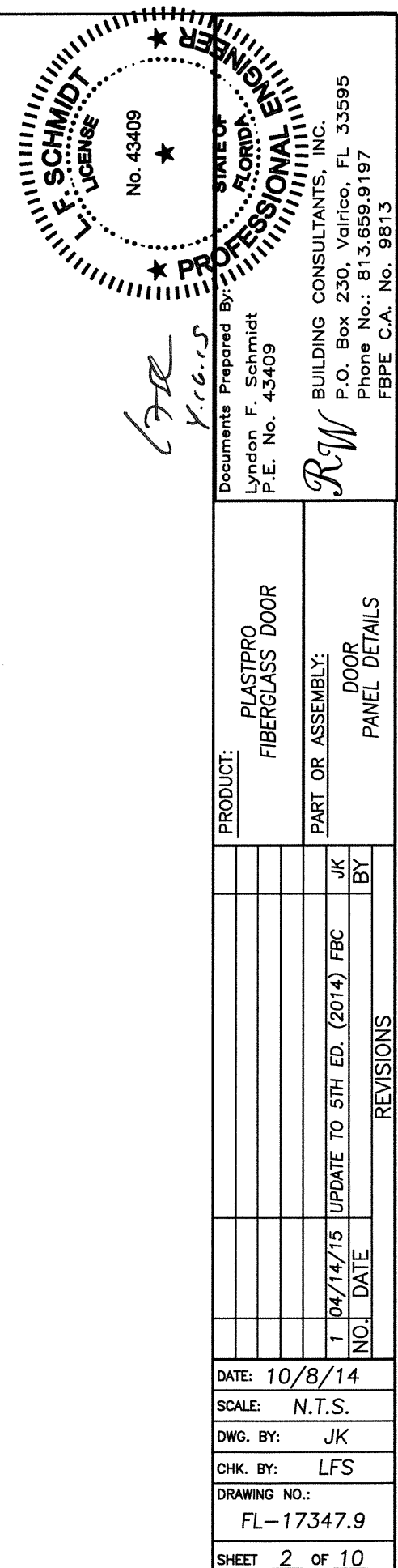
SHEET 1 OF 10



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: CIRRRUS 100 C DEADBOLT: 820 SINGLE CYLINDER
DEXTER BY SCHLAGE	KNOB: J54 DEADBOLT: JD60



2 **VERTICAL CROSS SECTION**



Technical drawing of a rectangular panel. The overall dimensions are 35.75" MAX. PANEL WIDTH and 79.25" MAX. PANEL HEIGHT. The panel features a central rectangular area with a thick border. This border is secured by screws: 4 screws along the top and bottom edges, and 6 screws along the left and right edges. A large 'O' is centered within the panel. Two dashed lines indicate diagonal mounting points in the bottom-left and top-right corners. A circular callout on the left side contains the numbers '1' and '3', and a circular callout at the bottom center contains the numbers '2' and '3'. Arrows indicate the panel's orientation.

A cross-sectional diagram of a door assembly. The door is composed of a core material (likely LVL) with a thickness of 2.8 inches. The core is surrounded by a frame or casing with a thickness of 0.4 inches. The door is shown in a closed position, with a latch stile (LVL) and a cap (PVC) visible. The overall height of the door is 1.75 inches. The diagram includes labels for 'LATCH STILE (LVL)' and 'CAP (PVC)'.

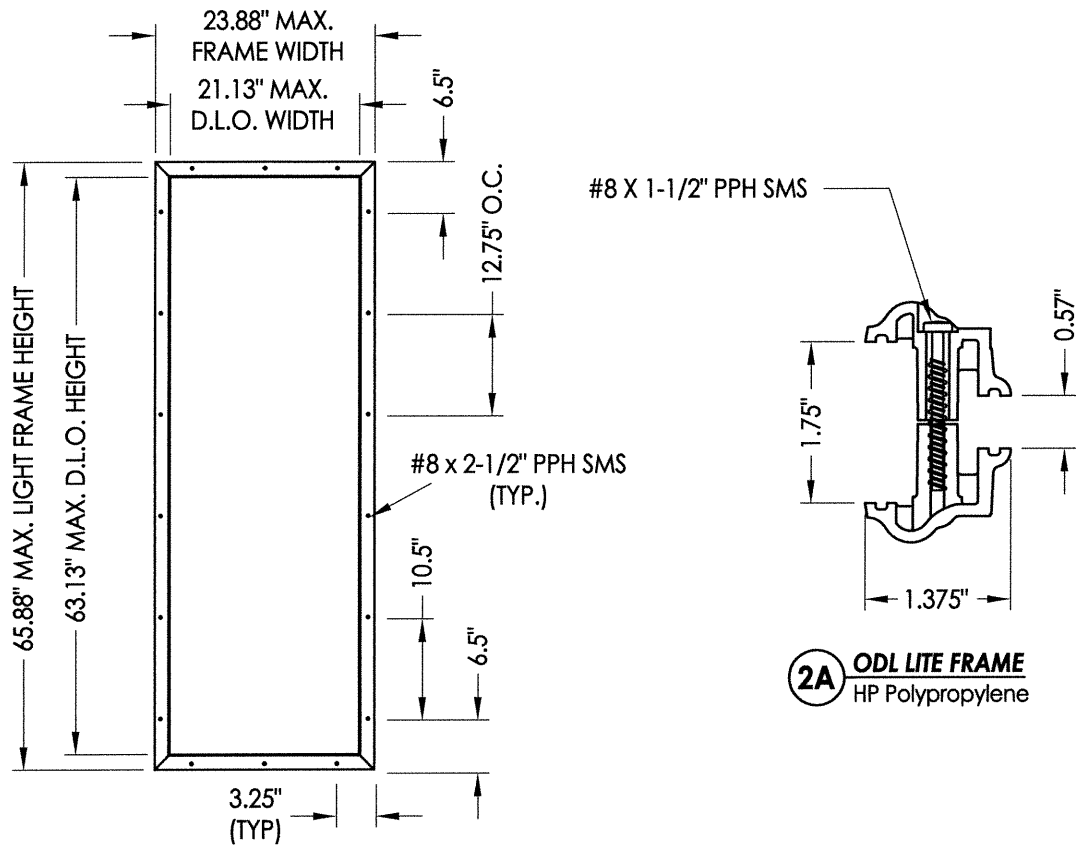
No. 43409

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30, Valrico, FL 33595
813.659.9197
No. 9813

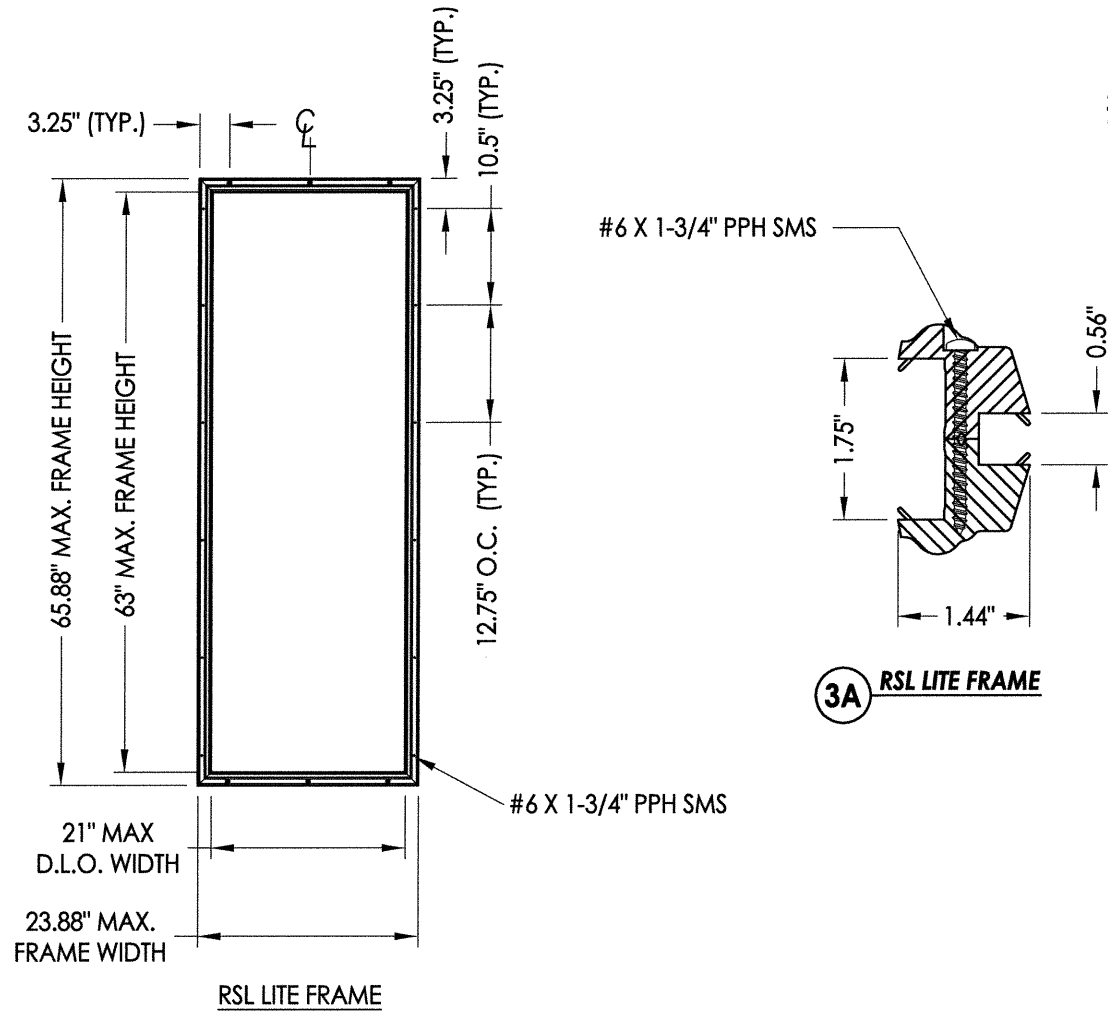
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE C.A. No. 9813

PART OR ASSEMBLY:

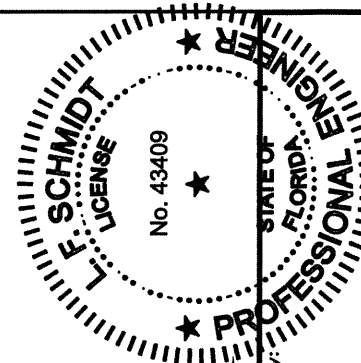
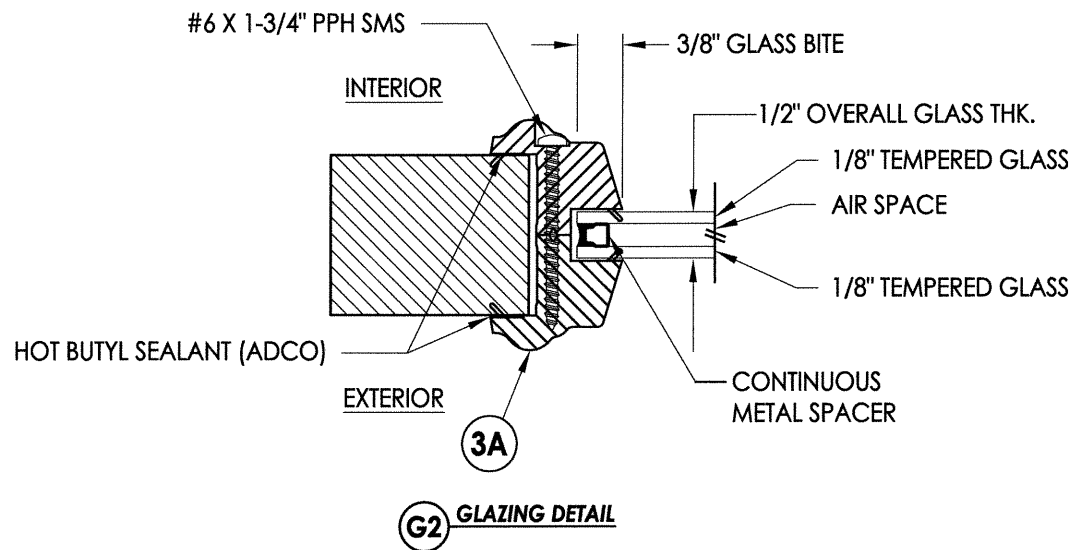
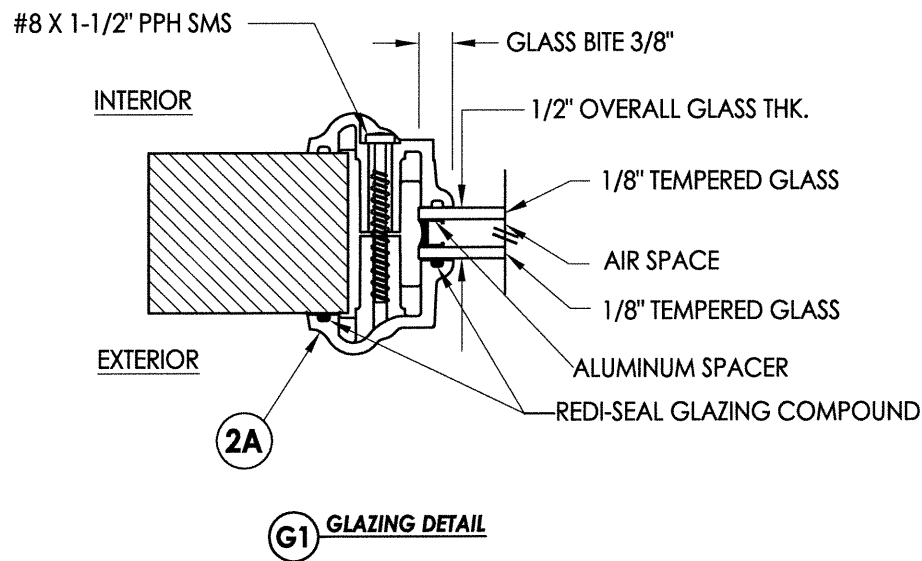
SHEET 3 OF 10



ODL LITE FRAME



RSL LITE FRAME



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PRODUCT: PLASTPRO
FIBERGLASS DOOR

PART OR ASSEMBLY:
LITE FRAME
GLAZING 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

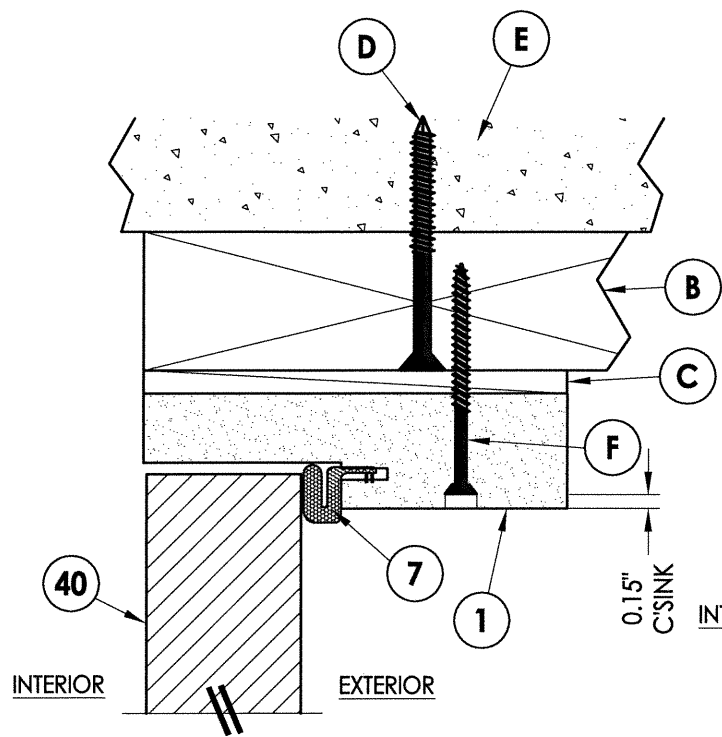
DRAWING NO.:

FL-17347.9

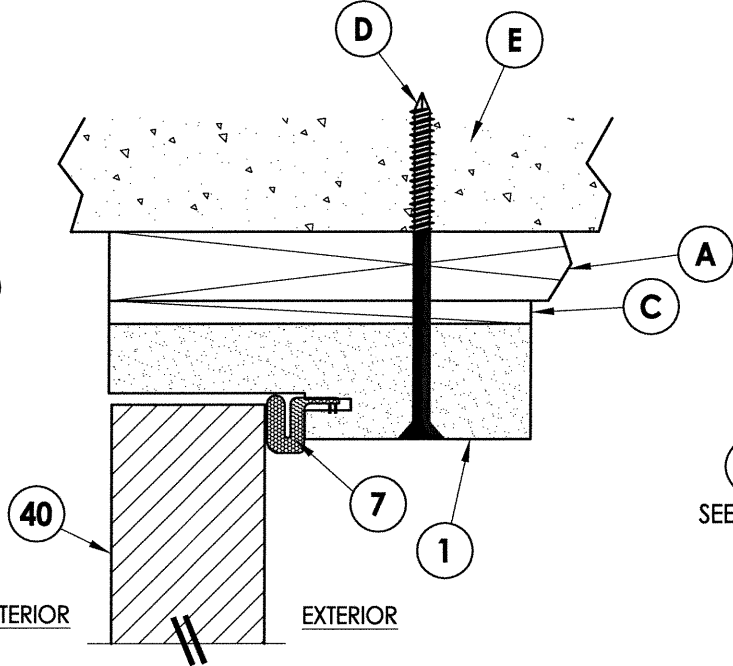
SHEET 4 OF 10

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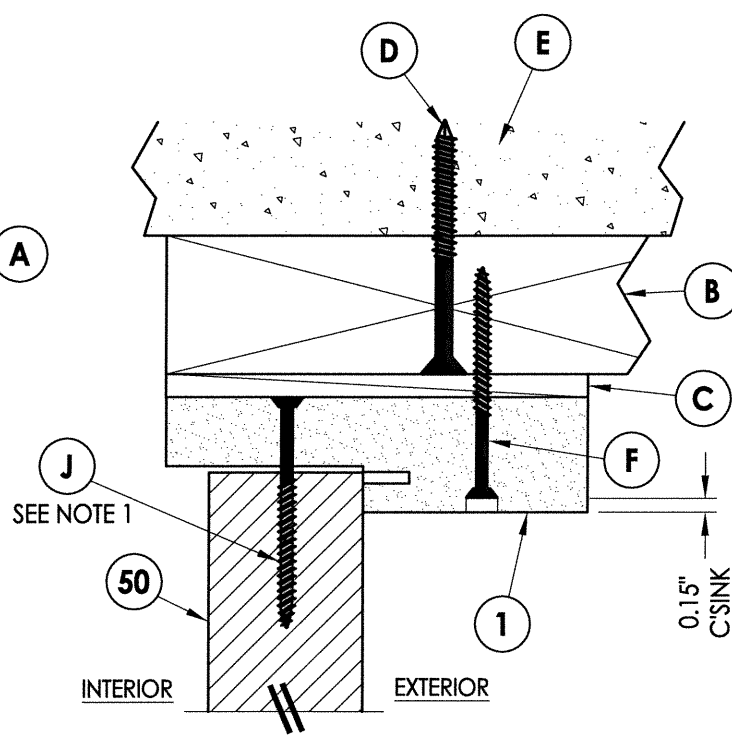
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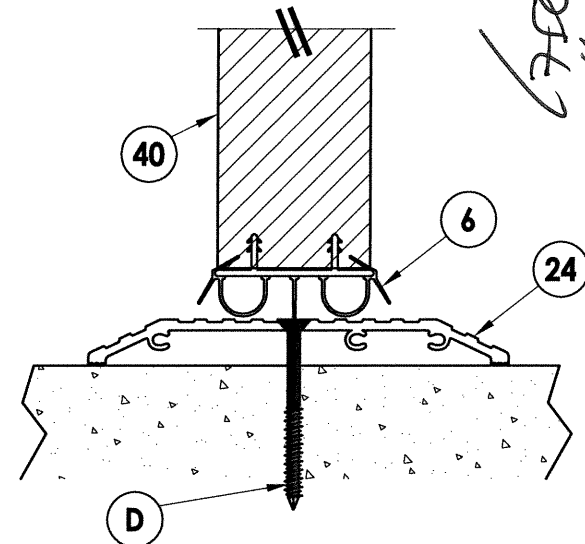
1
6 **VERTICAL CROSS SECTION**
Inswing shown (Outswing similar)
2X Buck Construction



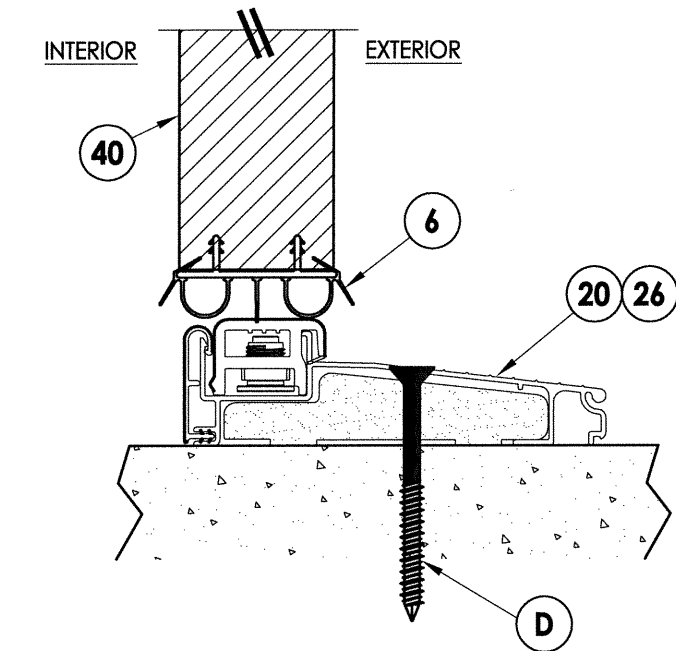
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6 **VERTICAL CROSS SECTION**
Inswing shown (Outswing similar)
1X Buck Construction



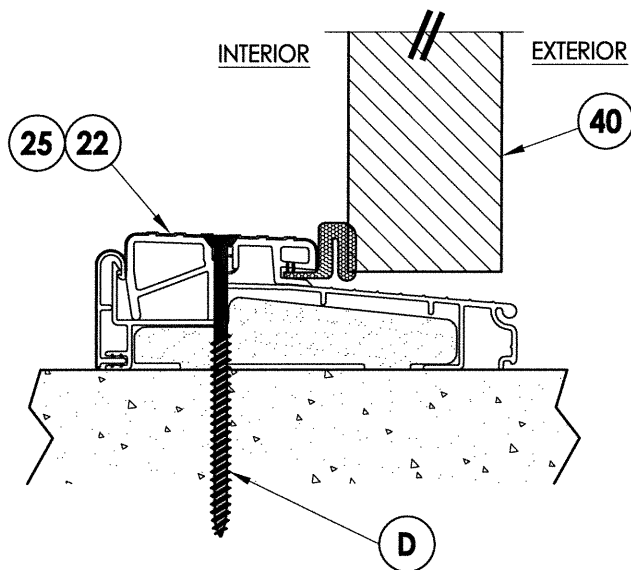
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6 **VERTICAL CROSS SECTION**
Inswing shown (Outswing similar)
2X Buck Construction



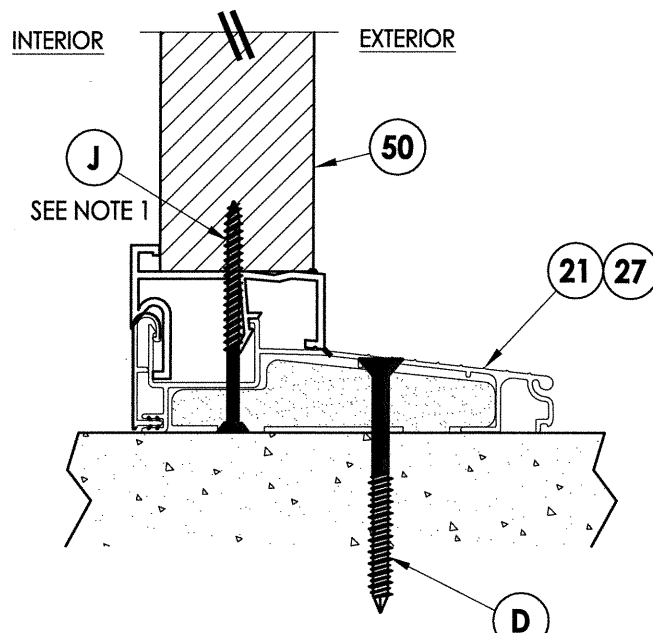
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6 **VERTICAL CROSS SECTION**
ADA Sill



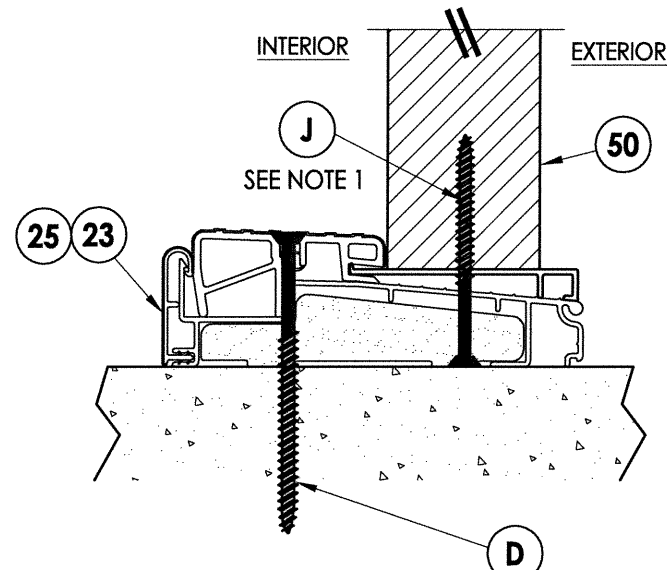
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6 **VERTICAL CROSS SECTION**
Inswing sill



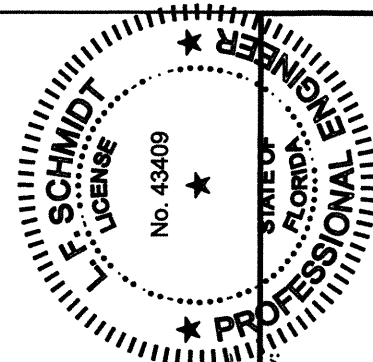
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6 **VERTICAL CROSS SECTION**
Outswing sill



6
6 **VERTICAL CROSS SECTION**
Inswing sill



7
6 **VERTICAL CROSS SECTION**
Inswing sill



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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

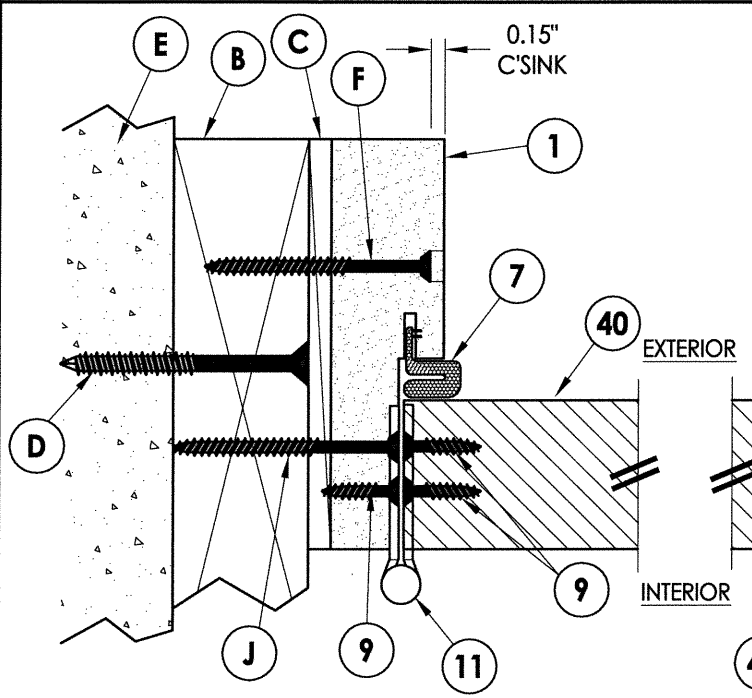
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DRAWING NO.: FL-17347.9

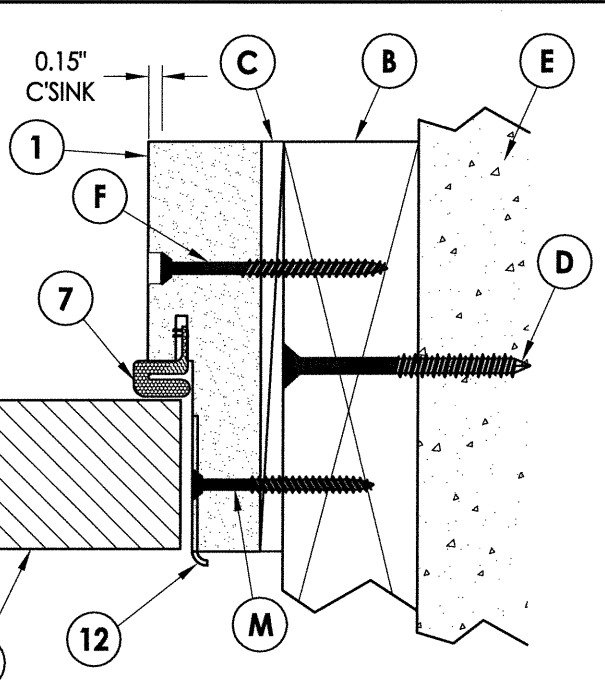
SHEET 6 OF 10

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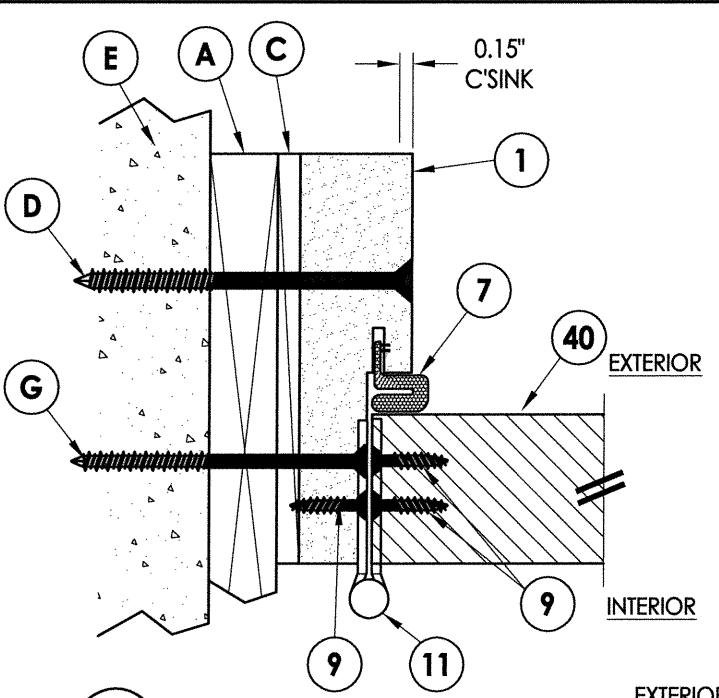
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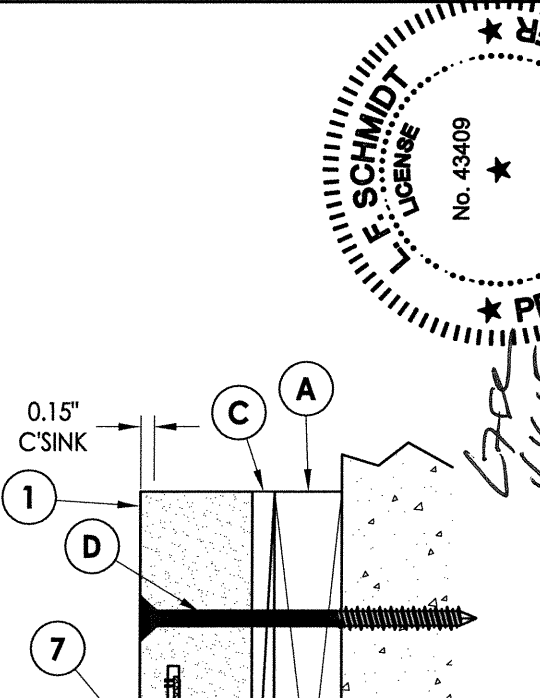
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7 **HORIZONTAL CROSS SECTION**
Inswing shown (Outswing similar)
2X Buck Construction



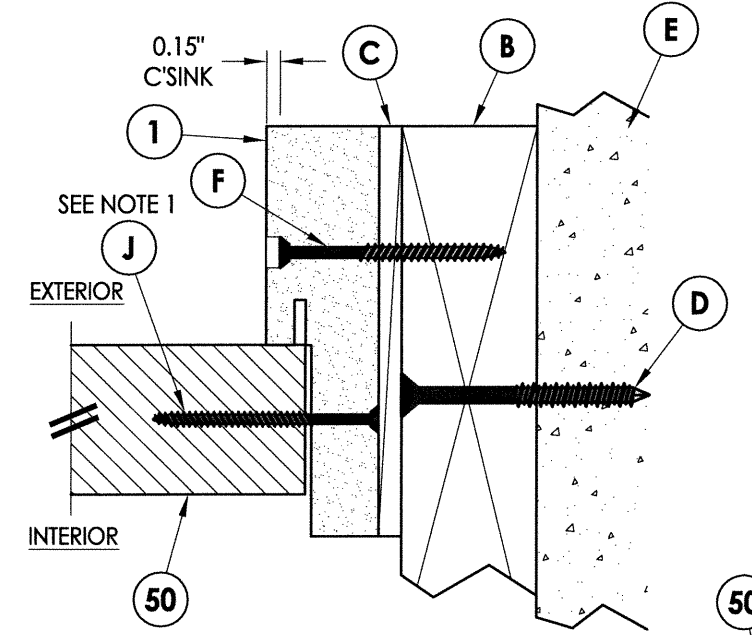
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7 **HORIZONTAL CROSS SECTION**
Inswing shown (Outswing similar)
2X Buck Construction



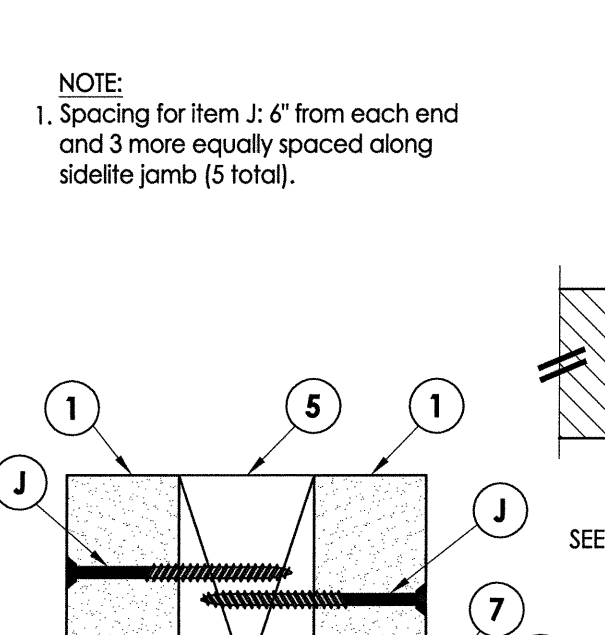
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7 **HORIZONTAL CROSS SECTION**
Inswing shown (Outswing similar)
1X Buck Construction



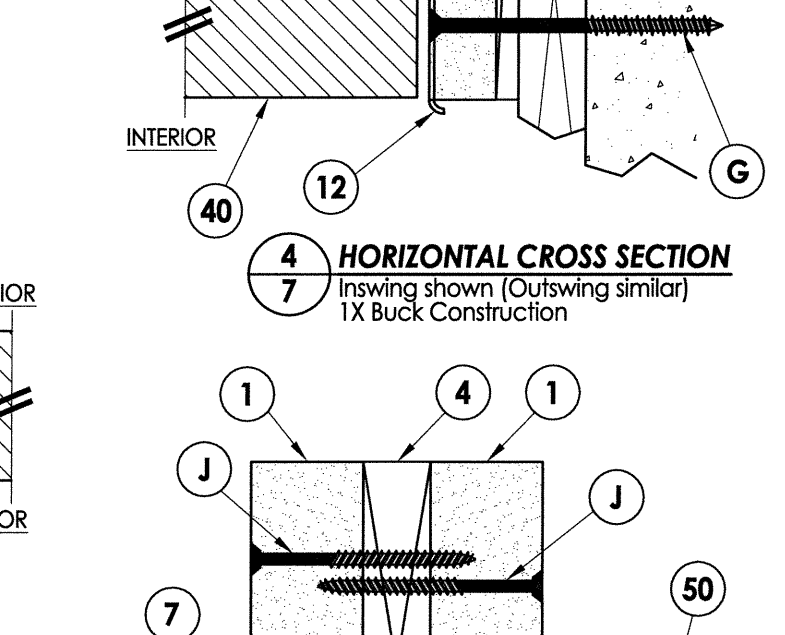
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7 **HORIZONTAL CROSS SECTION**
Inswing shown (Outswing similar)
1X Buck Construction



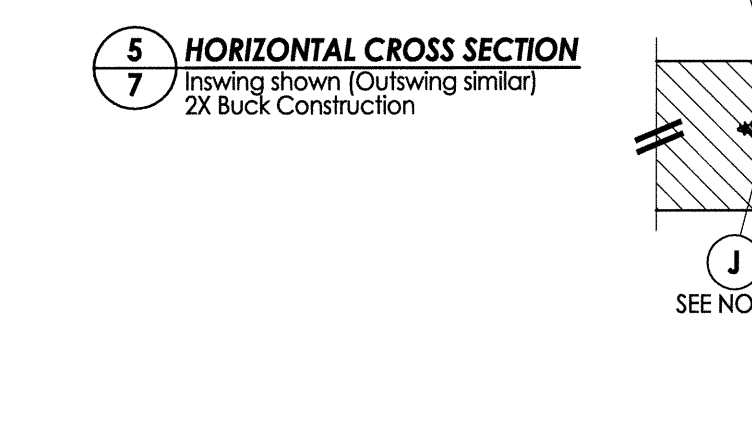
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7 **HORIZONTAL CROSS SECTION**
Inswing shown (Outswing similar)
2X Buck Construction



6
7 **HORIZONTAL CROSS SECTION**
Inswing shown (Outswing similar)
Back to Back Jambs

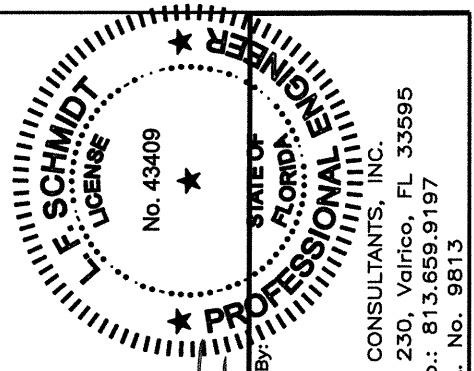


7
7 **HORIZONTAL CROSS SECTION**
Inswing shown (Outswing similar)
2X Jamb Reinforcement



8
7 **HORIZONTAL CROSS SECTION**
Inswing shown (Outswing similar)
1X Jamb Reinforcement

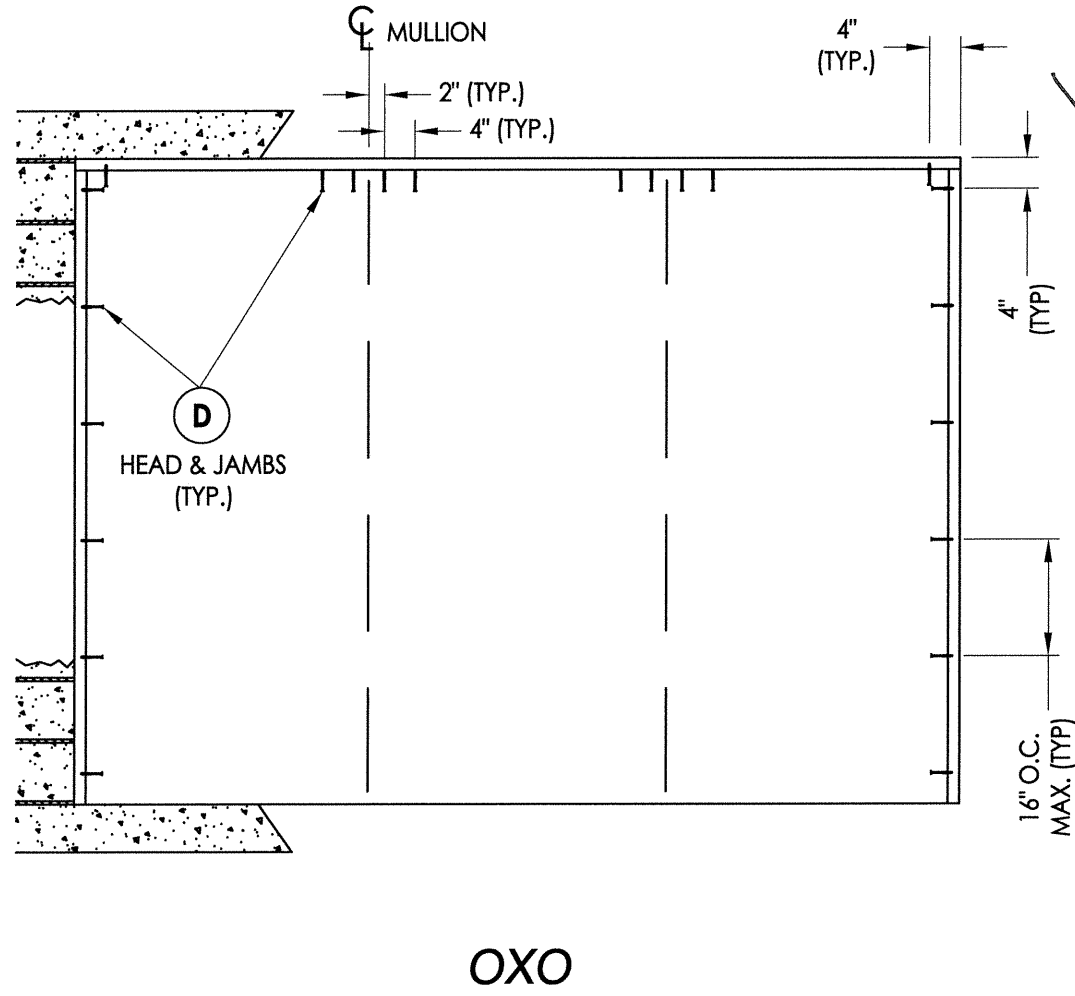
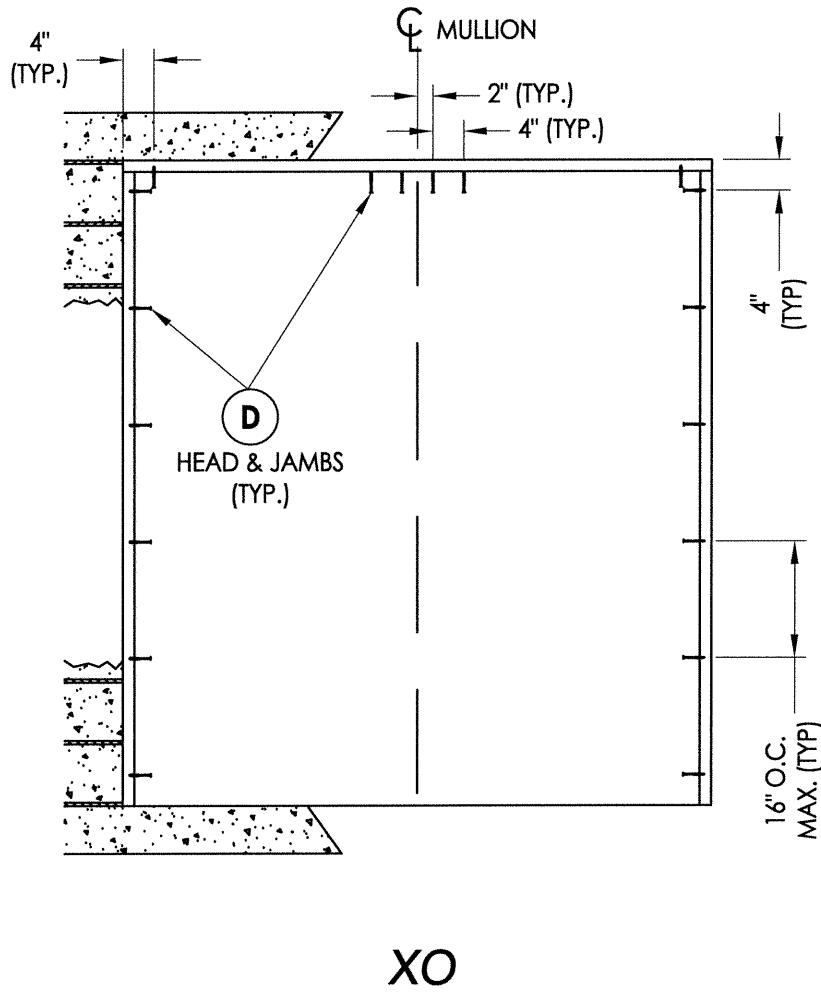
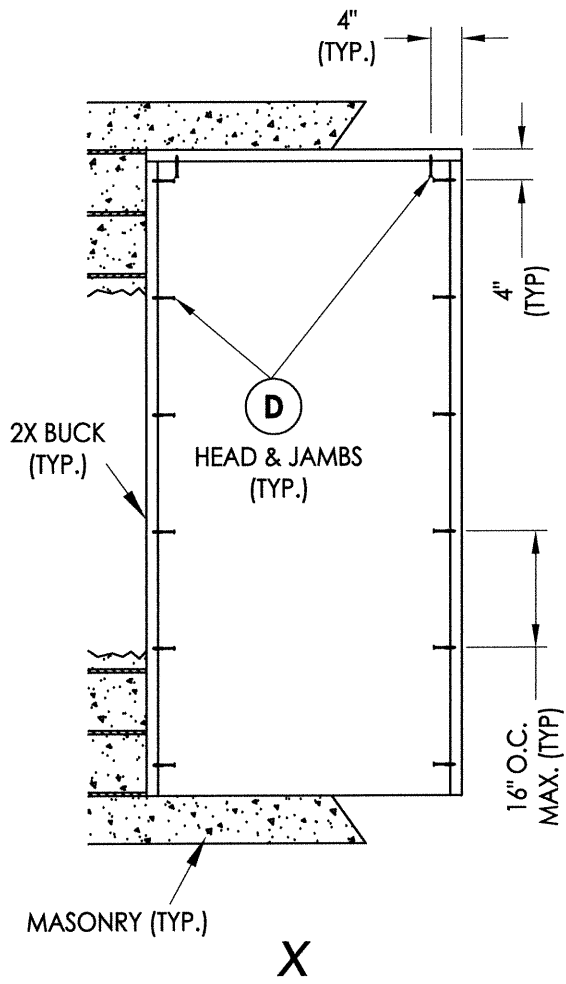
NOTE:
1. Spacing for item J: 6" from each end
and 3 more equally spaced along
sidelite jamb (5 total).



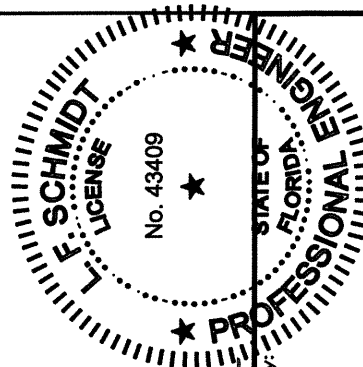
Documents Prepared By:
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Phone No.: 813.659.9197
FBPE C.A. No. 9813

PRODUCT:		PART OR ASSEMBLY:	
PLASTPRO FIBERGLASS DOOR		HORIZONTAL CROSS SECTIONS	
REVISIONS		DATE	
NO.	DATE	BY	CHK.
1	04/14/15	JK	FBC
DATE: 10/8/14		SCALE: N.T.S.	
DWG. BY: JK		CHK. BY: LFS	
DRAWING NO.: FL-17347.9		SHEET 7 of 10	

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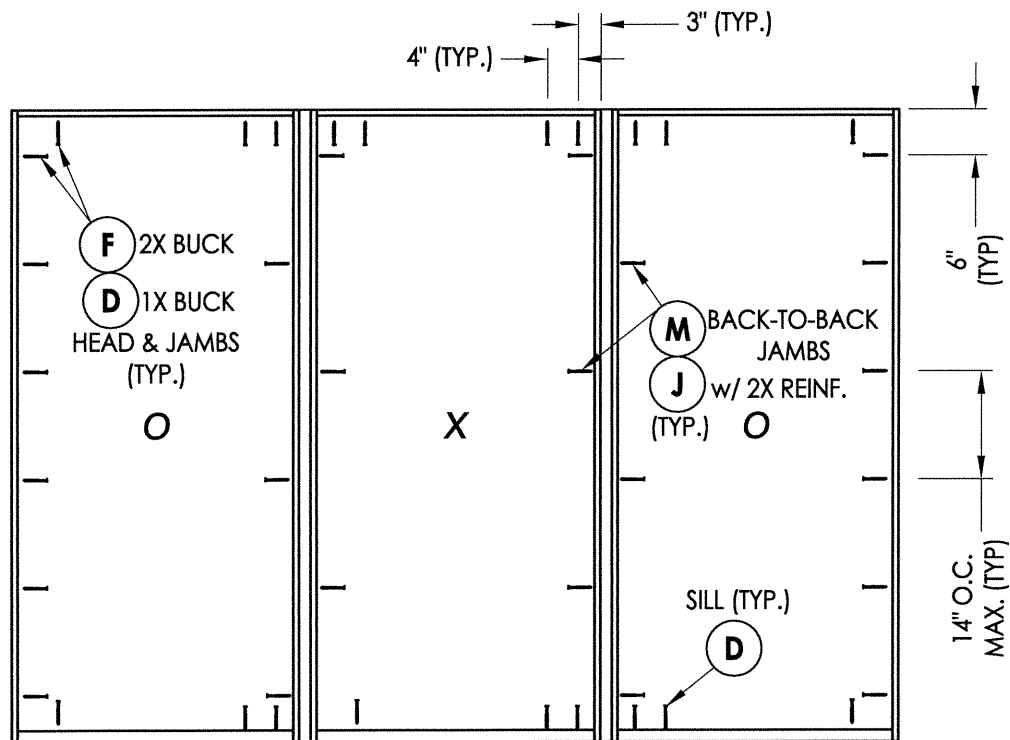
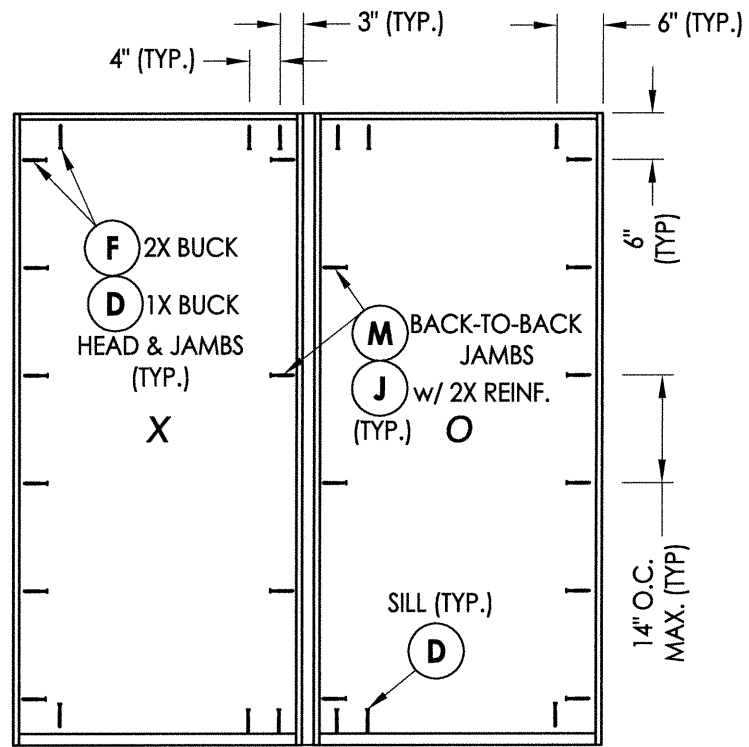
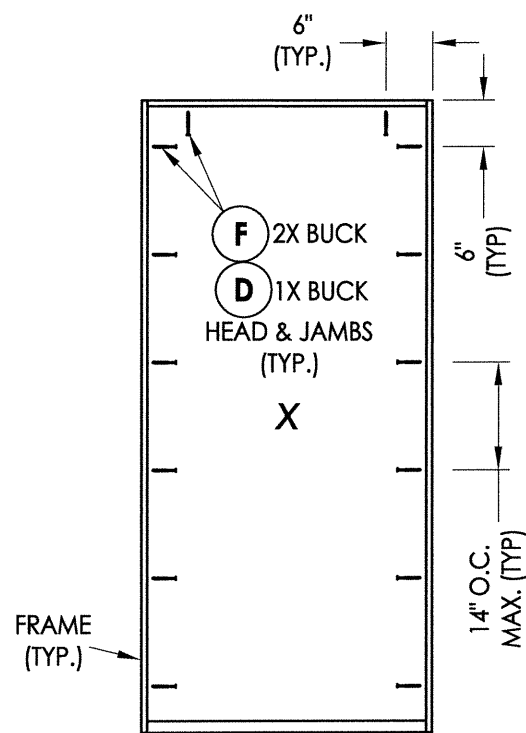
2X BUCK ANCHORING



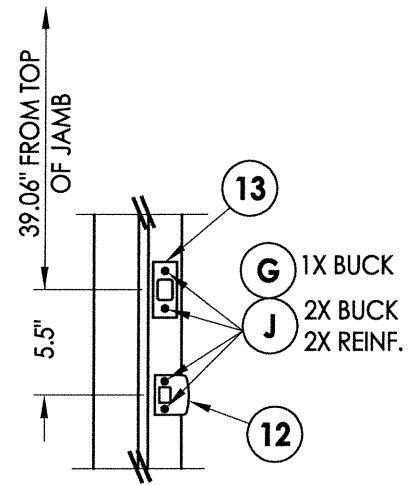
Documents Prepared By:
Lyndon F. Schmidt
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BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
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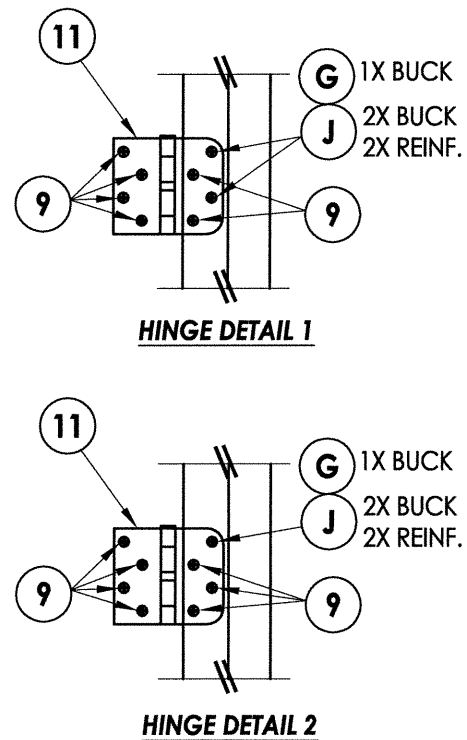
PRODUCT:		PLASTPRO FIBERGLASS DOOR	
PART OR ASSEMBLY:		BUCK ANCHORING	



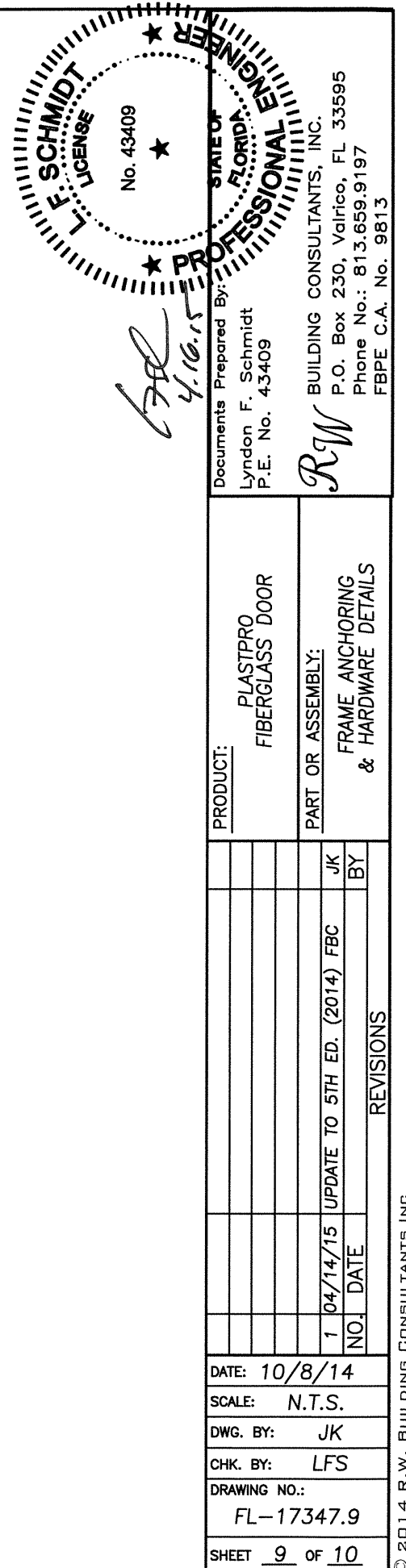
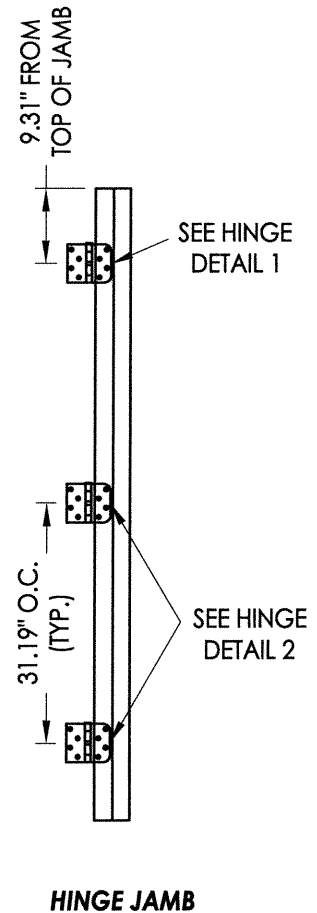
FRAME ANCHORING



LATCH AND DEADBOLT DETAILS

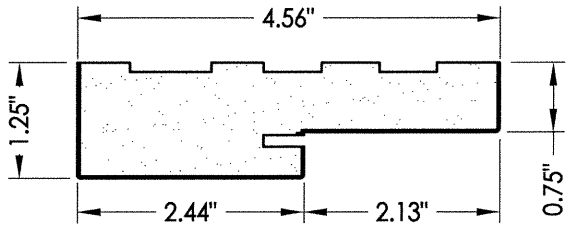


HARDWARE DETAILS

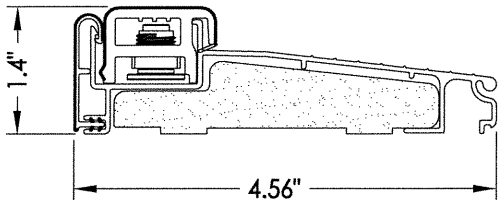


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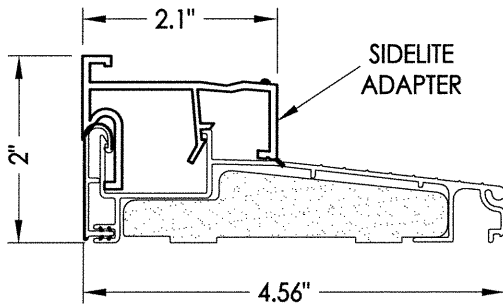
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X FRAMING (G >= 0.42)	WOOD
B	2X FRAMING (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" PFH CONCRETE SCREW (1-1/4" MIN. EMB.)	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2-1/2" 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
M	#10 X 2" PFH WOOD SCREW	STEEL
1	POLY FIBER JAMB	COMP.
4	1X REINFORCEMENT (G >= 0.55)	WOOD
5	2X REINFORCEMENT (G >= 0.55)	WOOD
6	DOOR SWEEP	PVC
7	WEATHERSTRIP (ENDURA FORCE 5)	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/COMP
26	INSWING THRESHOLD	ALUM/COMP
40	DOOR PANEL	-
50	SIDELITE PANEL	-



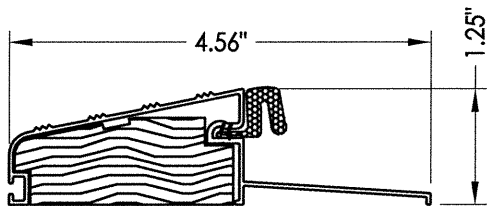
1 POLY FIBER JAMB



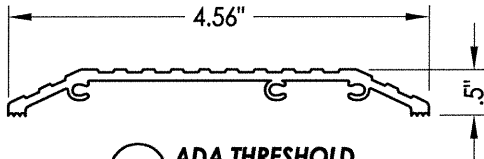
20 INSWING THRESHOLD
Endura (Z-Series)



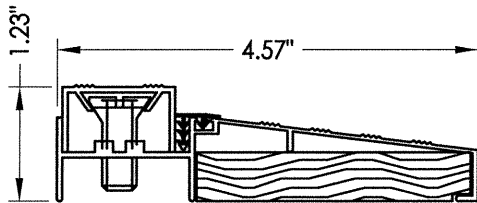
21 INSWING THRESHOLD w/ SIDELITE ADAPTER
Endura (Z-Series)



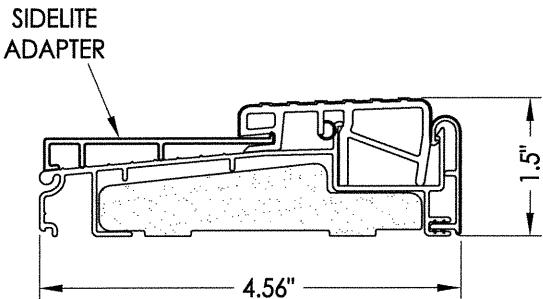
25 OUTSWING THRESHOLD
DLP



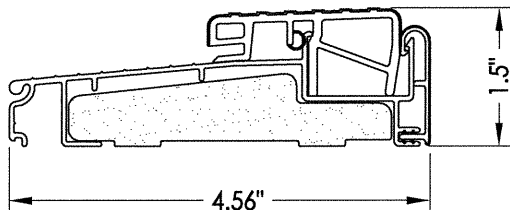
24 ADA THRESHOLD
DLP



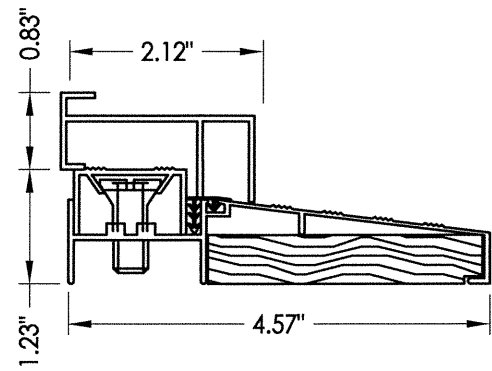
26 INSWING THRESHOLD
DLP



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



22 OUTSWING THRESHOLD
Endura (Z-Series)



27 INSWING THRESHOLD w/ SIDELITE ADAPTER
DLP

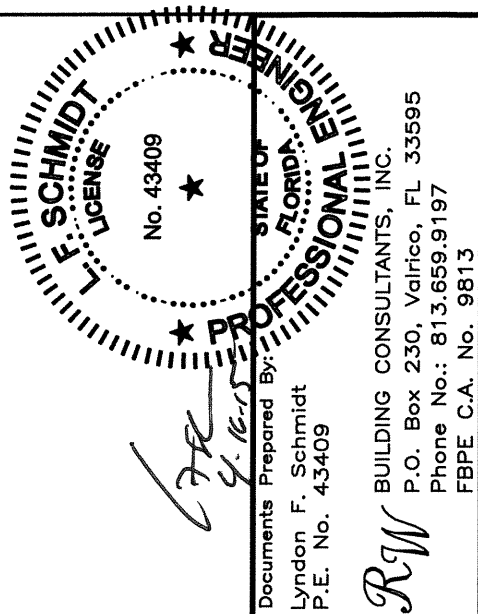
CONCRETE ANCHOR NOTES:

- 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.



PRODUCT:		PLASTPRO FIBERGLASS DOOR	
PART OR ASSEMBLY:		BILL OF MATERIALS & COMPONENTS	
DATE:	10/8/14	SCALE:	N.T.S.
DWG. BY:	JK	CHK. BY:	LFS
DRAWING NO.:	FL-17347.9	SHEET 10 OF 10	
NO.	DATE	UPDATE TO	5TH ED. (2014) FBC
1	04/14/15	DATE	BY
REVISIONS			