

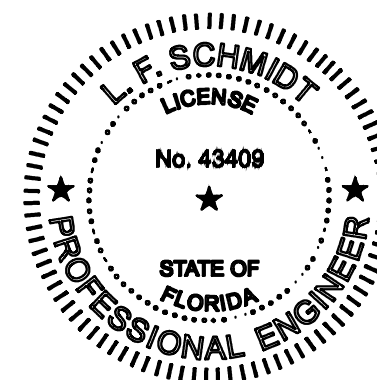


5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

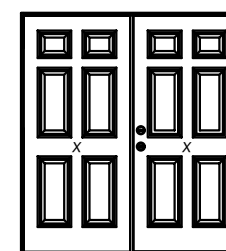
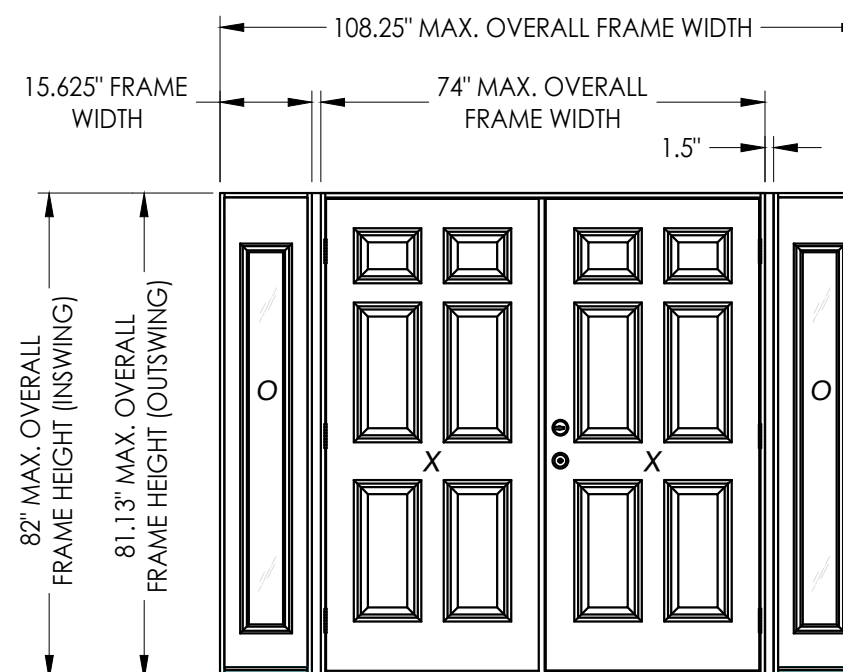
**OPAQUE FIBERGLASS DOORS
DOUBLES
w/ or w/o SIDELITES
INSWING / OUTSWING
"IMPACT"**

1. This product has been evaluated and is in compliance with the 9th Edition (2026) 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 complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996.
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	Elevations
5	Horizontal & Vertical Cross Sections (2X Buck)
6	Horizontal & Vertical Cross Sections (1X Buck)
7	Horizontal & Vertical Cross Sections (Direct to Masonry)
8	Vertical Cross Sections (Thresholds)
9	Horizontal & Vertical Cross Sections (Direct to Masonry)
10	Buck anchoring
11	Frame anchoring & hardware details
12	Lite frame glazing details
13	Bill of materials and components



THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA



XX

CONFIGURATION	MAX. FRAME DIMENSION	MAX. SIDELITE D.L.O. DIMENSION	DESIGN PRESSURE (PSI)	
			POSITIVE	NEGATIVE
XX	74.0" x 82.0"	N/A	+55.0	-55.0
OXXO	108.25" x 82.0"	5.63" X 62.63"	+55.0	-55.0

Documents Prepared By:

Lyndon F. Schmidt
P.E. No. 43409

PROJECT MANAGER BUILDING CONSULTANTS, INC.

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

PRODUCT:

PLASTPRO INC,
FIBERGLASS DOOR

PART OR ASSEMBLY:

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

[illegible]

DATE: 08/09/17

SCALE: *N.T.S.*

DWG. BY: JK

CHK. BY: IFS

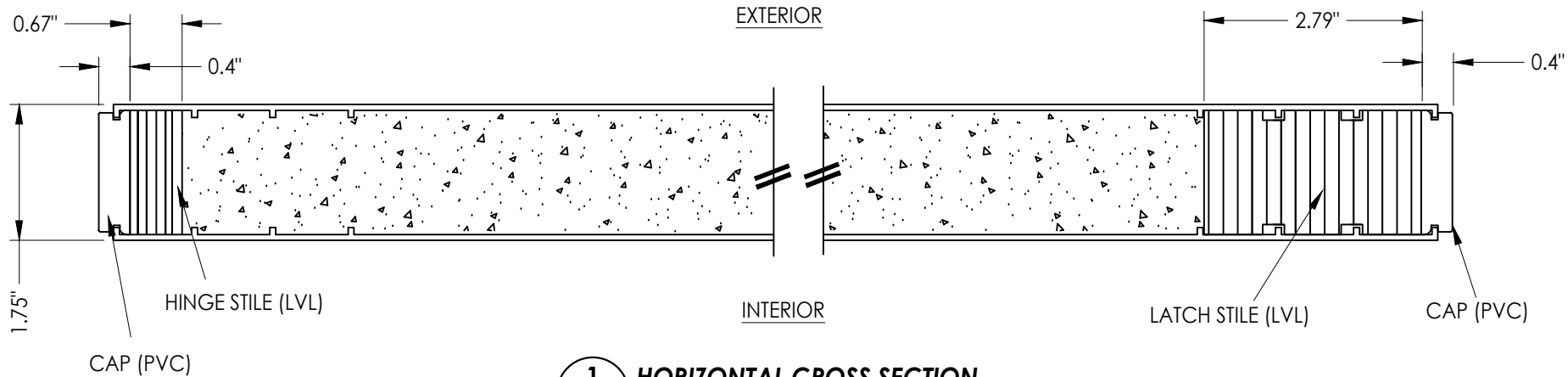
DRAWING NO.:

FL-17347.18

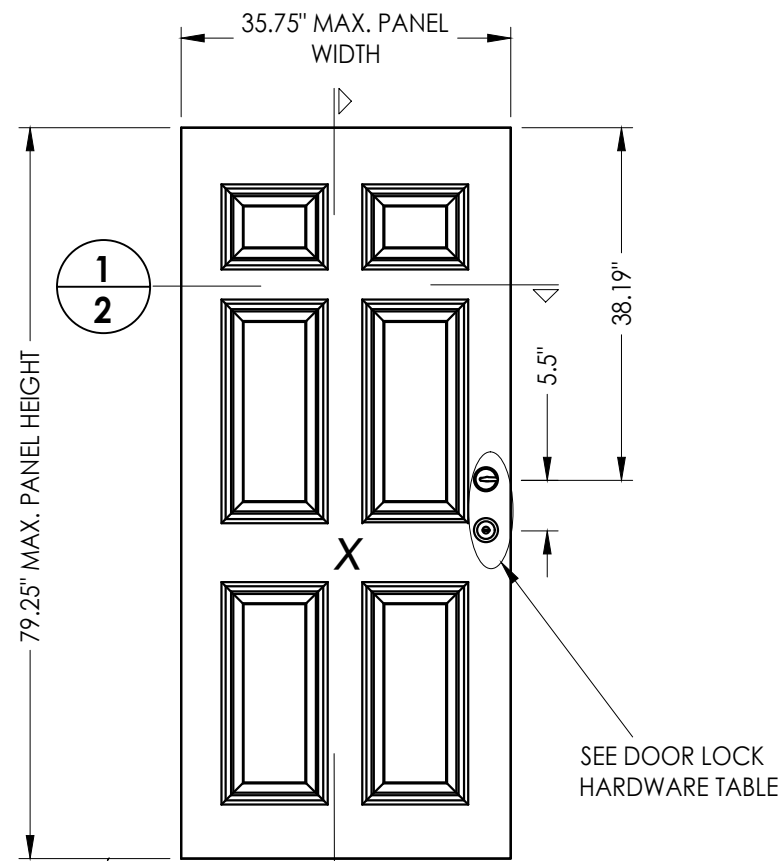
SHEET 1 OF 12

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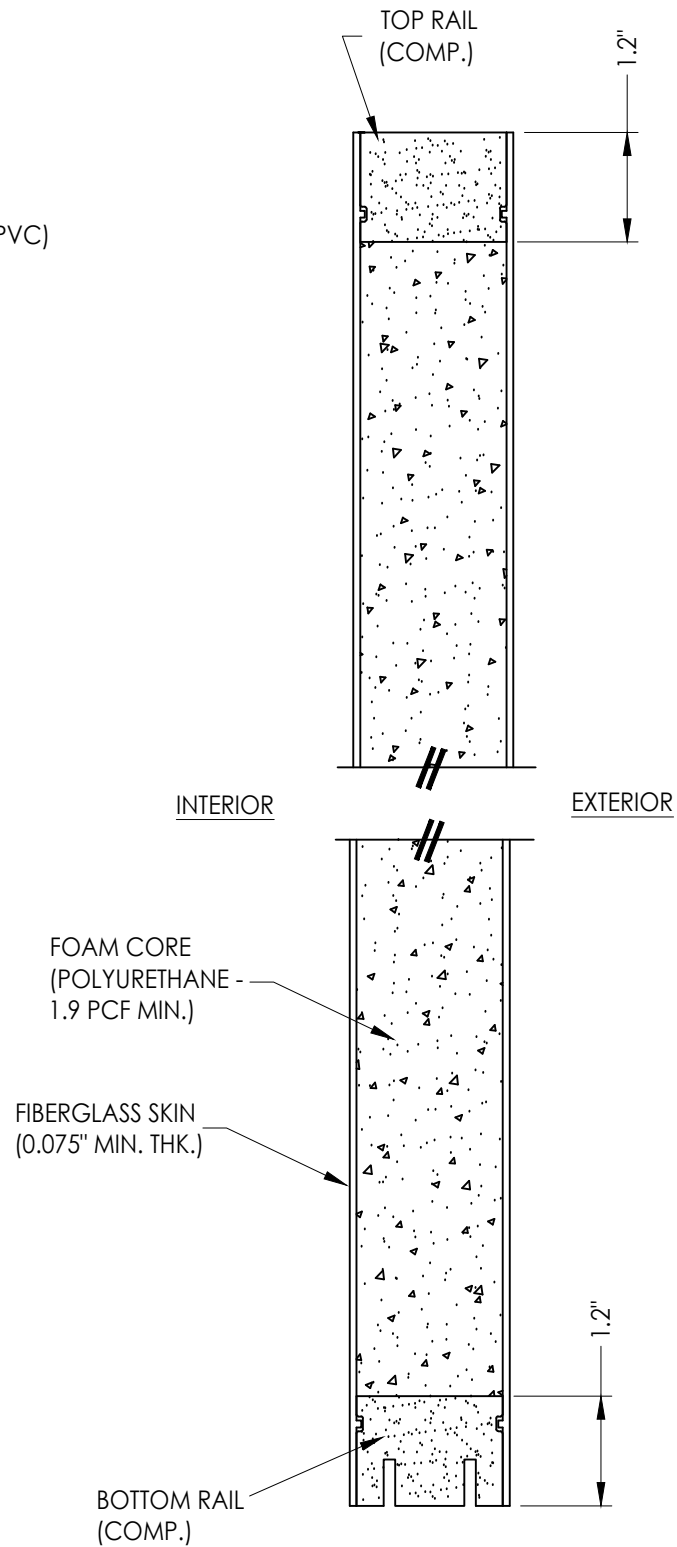
1
2 **HORIZONTAL CROSS SECTION**



40 **PLASTPRO DOOR PANEL**

2
2

DOOR LOCK HARDWARE TABLE		
MANUFACTURER	MODEL	
KWIKSET	Knob:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (780)



2
2 **VERTICAL CROSS SECTION**

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

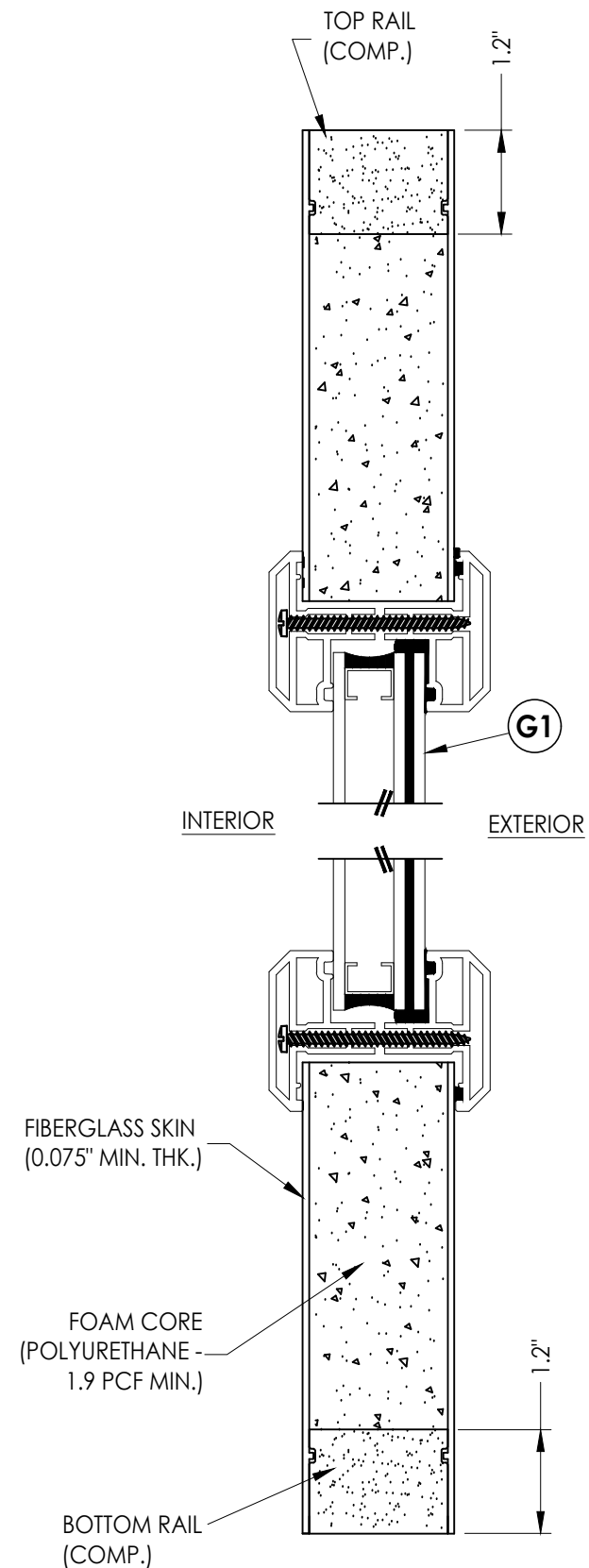
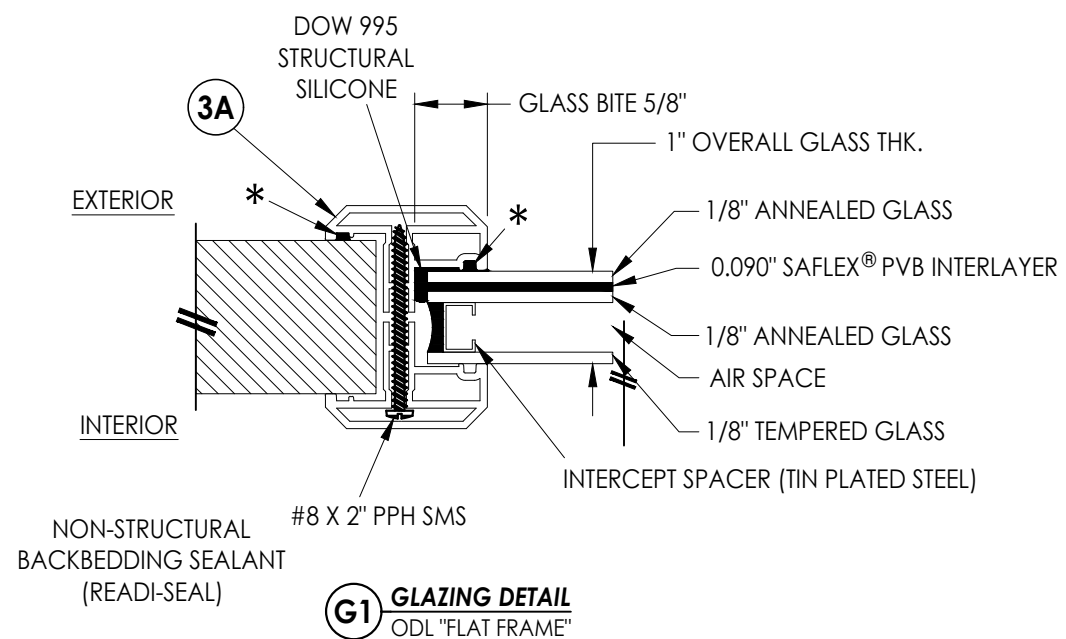
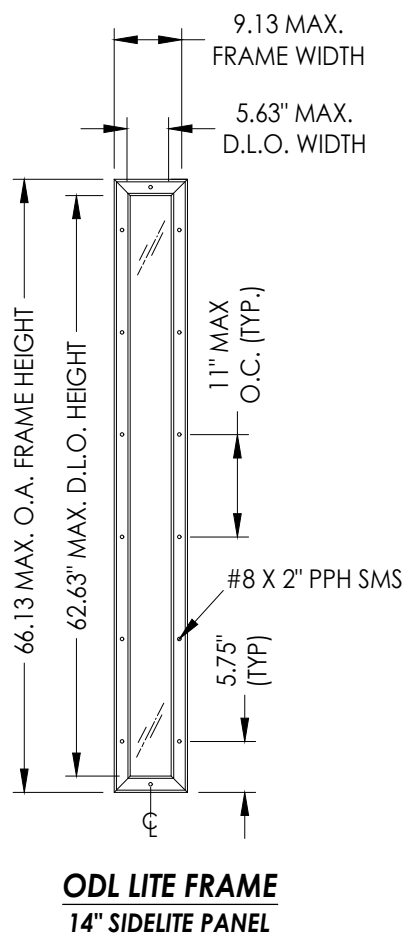
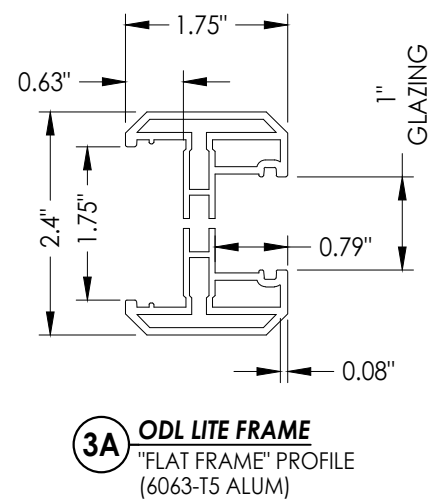
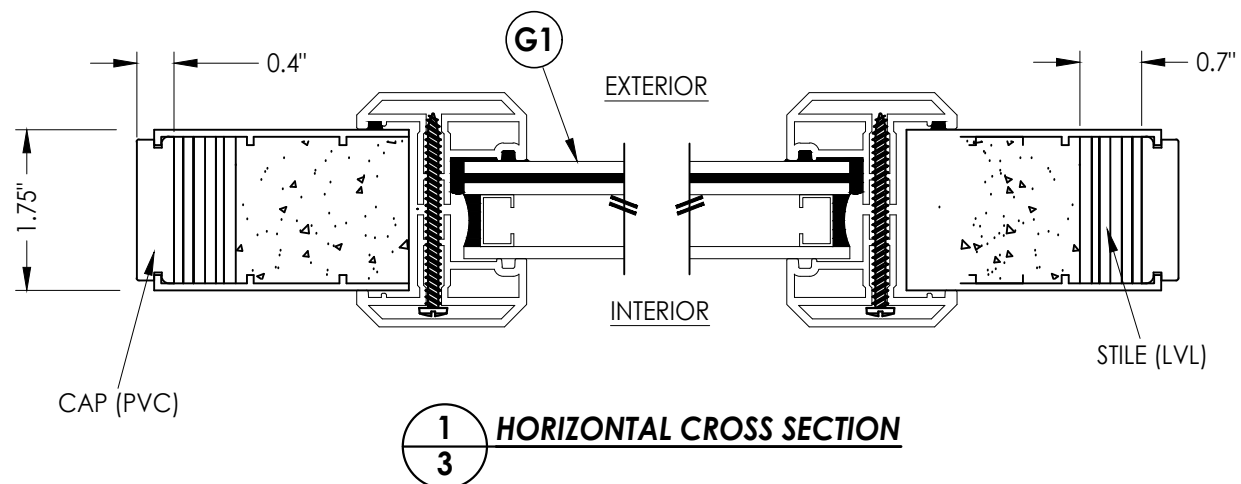
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: **PLASTPRO INC,
FIBERGLASS DOOR**

PART OR ASSEMBLY:
DOOR PANEL DETAILS

NO.	DATE	REVISIONS		
		DATE	BY	DESCRIPTION
3	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
2	8/10/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
1	8/05/20	UPDATE TO 7th ED. (2020)	FBC	DAC

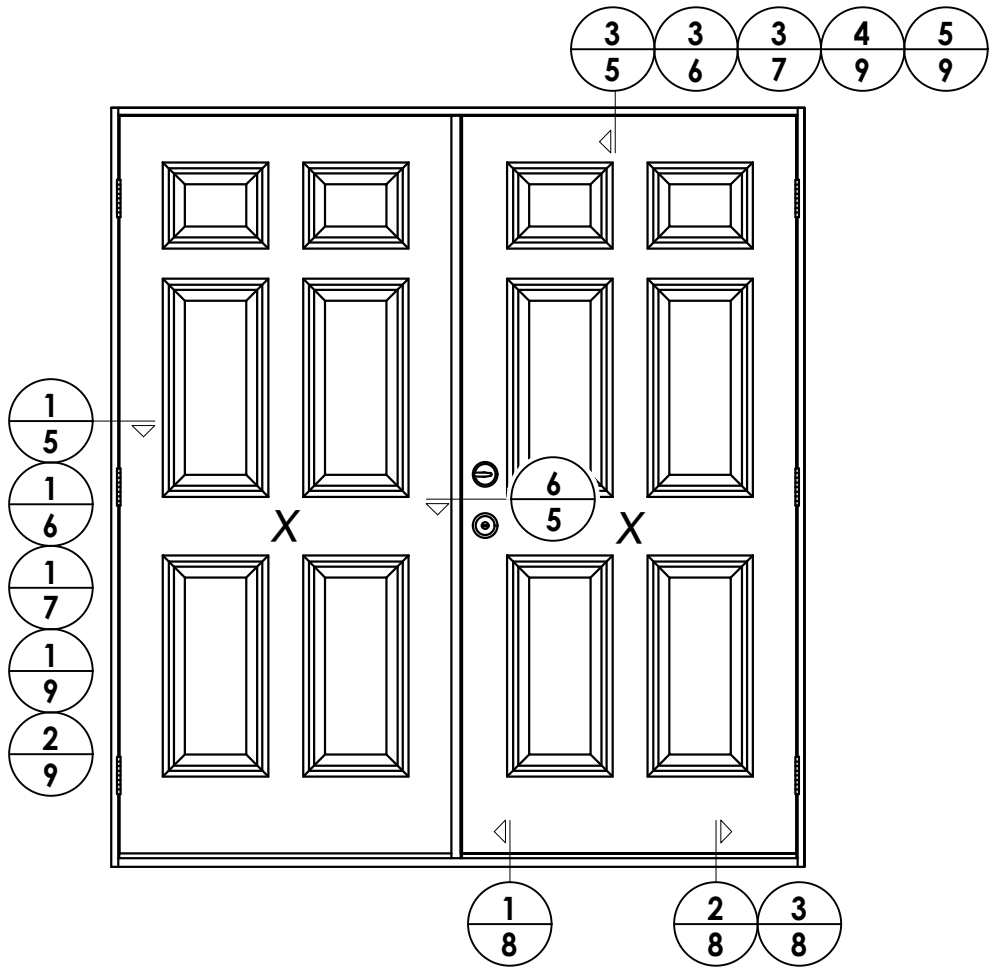
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SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-17347.18
SHEET 2 OF 12

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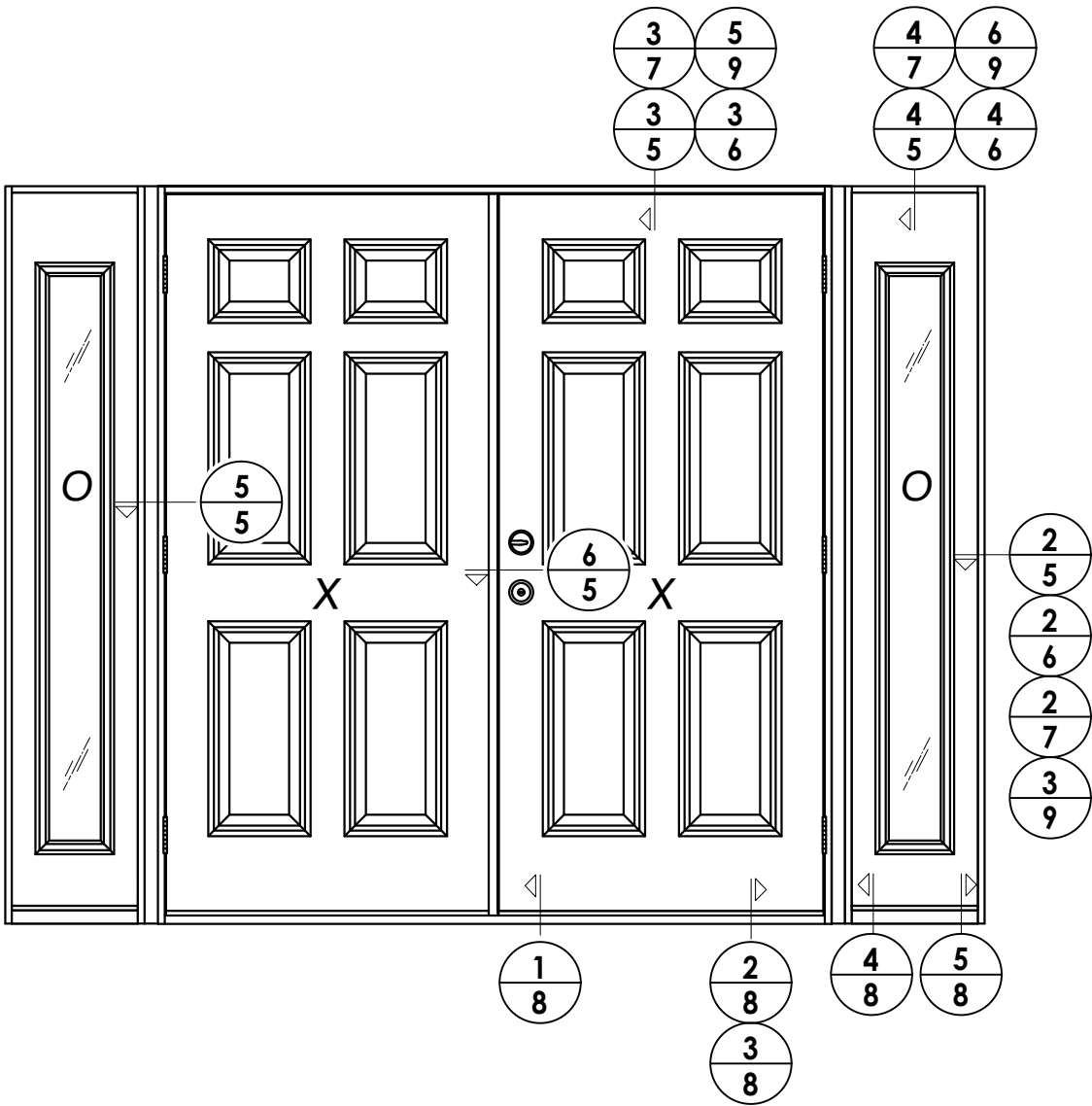
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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Phone No.: 813.659.9197
FBPE Registry No. 9813

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ELEVATION (XX)



ELEVATION (OXXO)

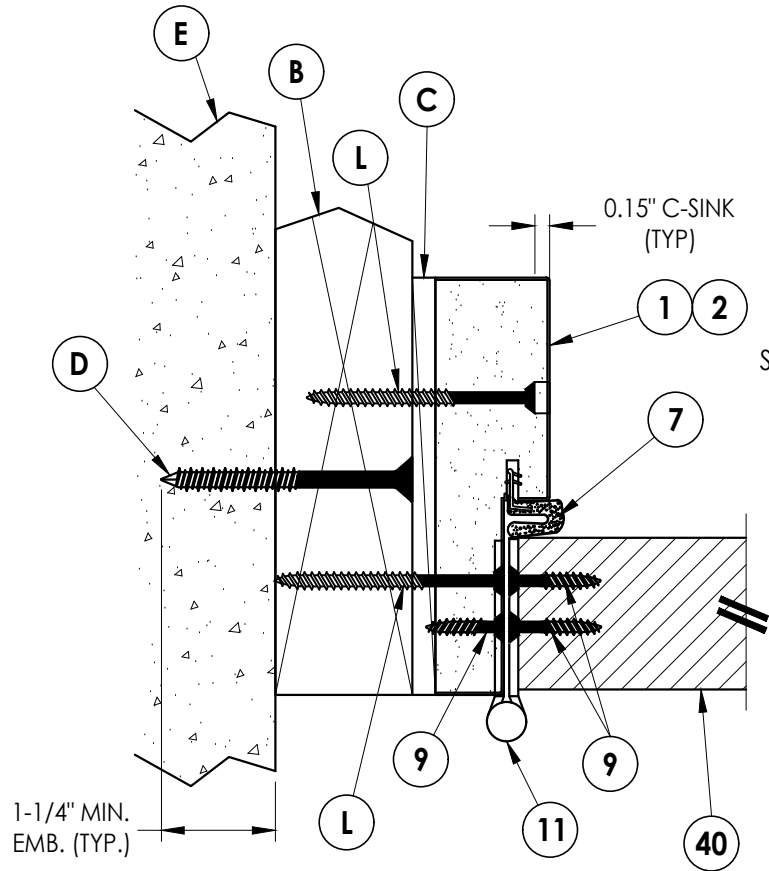
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3	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
2	8/10/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
1	8/05/20	UPDATE TO 7th ED. (2020)	FBC	DAC	

DATE: 08/09/17
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-17347.18
SHEET 4 OF 12

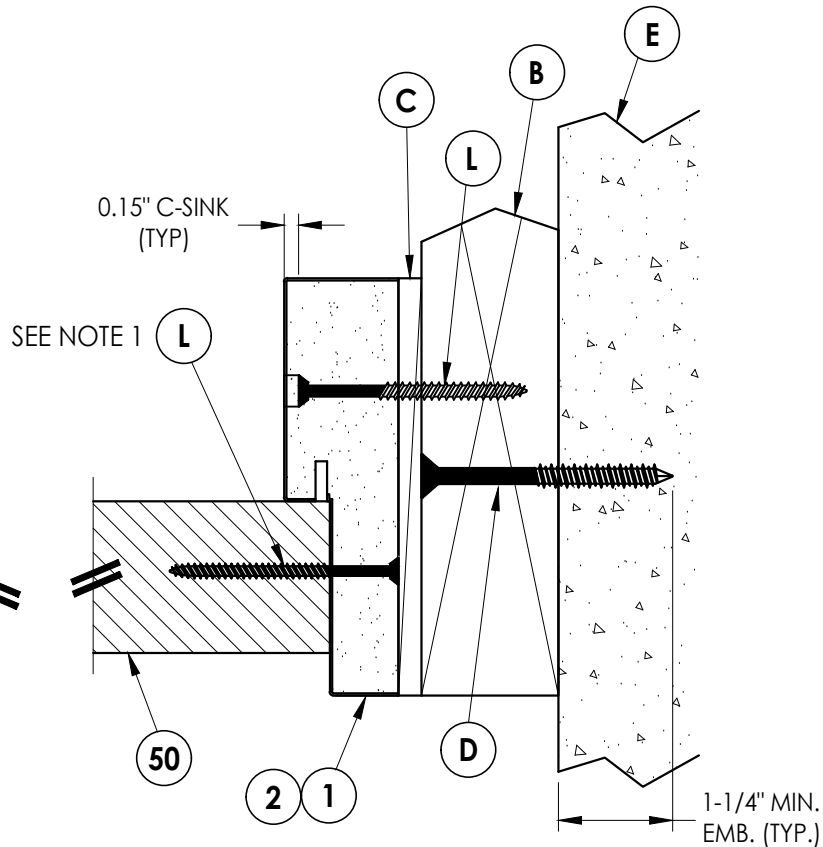
PRODUCT: PLASTPRO INC, FIBERGLASS DOOR
PART OR ASSEMBLY: ELEVATIONS

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 Registry No. 9813

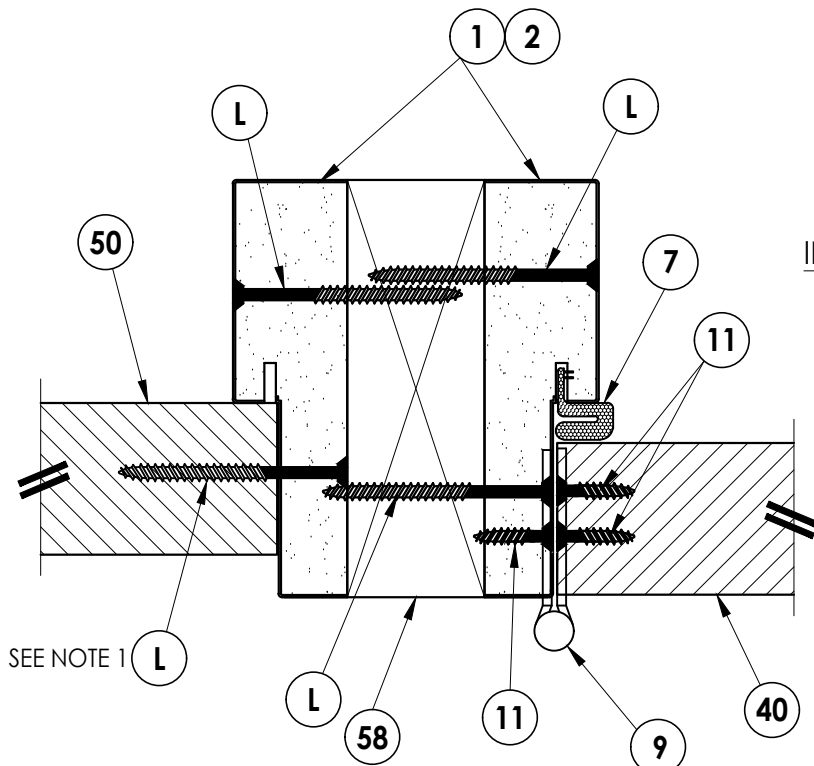
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1
5 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)

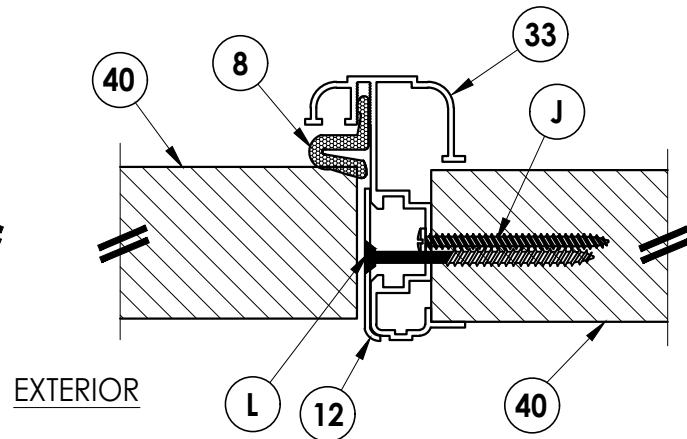


2
5 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)



5
5 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)

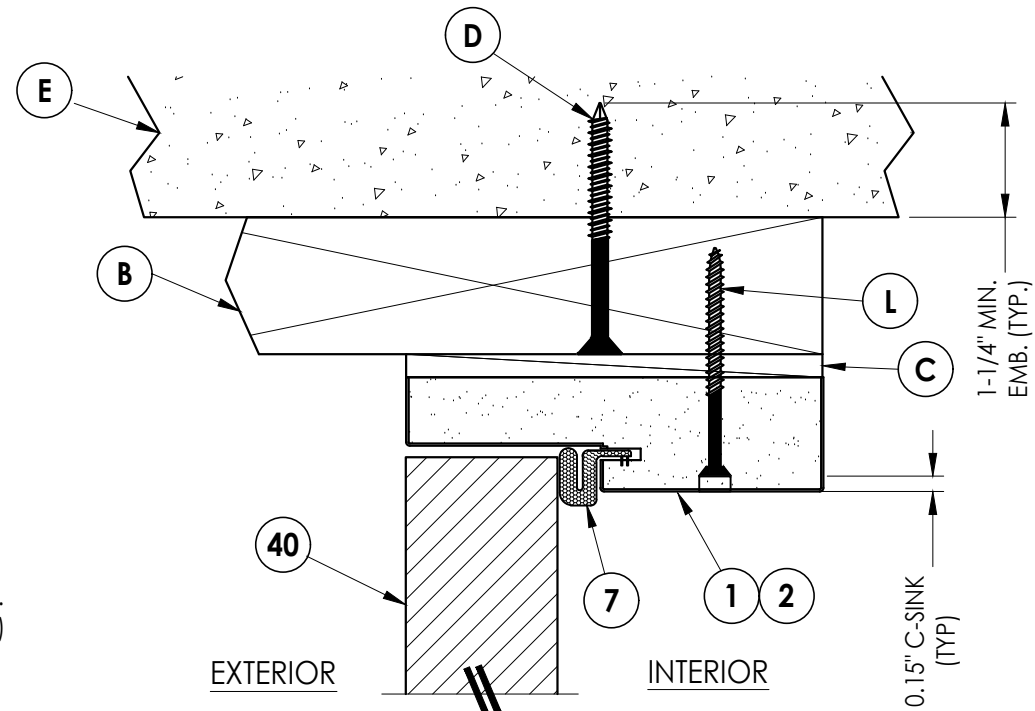
INTERIOR



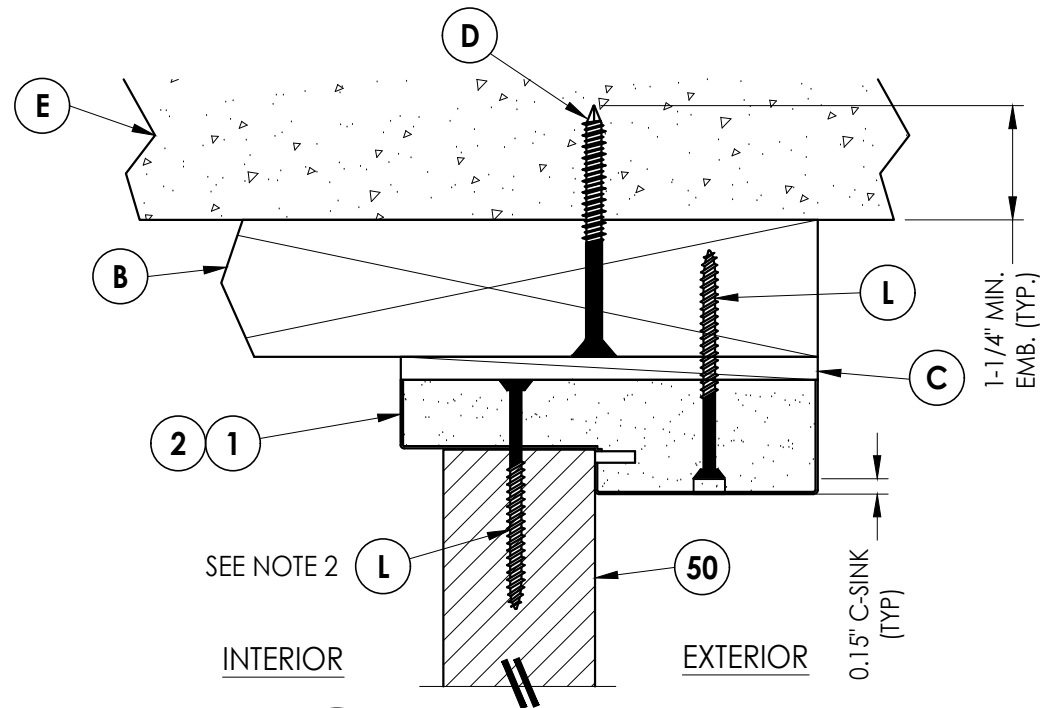
6
5 **HORIZONTAL CROSS SECTION**
Inswing shown (Outswing similar)

EXTERIOR

- NOTE:
1. Spacing for item L: 6" from each end and 4 more equally spaced along sidelite jamb (6 total).
 2. Spacing for item L: 3.75" from each end.



3
5 **VERTICAL CROSS SECTION**
Outswing shown (Inswing similar)



4
5 **VERTICAL CROSS SECTION**
Outswing shown (Inswing similar)

SEE NOTE 2

INTERIOR

EXTERIOR

Documents Prepared By:
Lyndon F. Schmidt
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BUILDING CONSULTANTS, INC.
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Phone No.: 813.659.9197
FBPE Registry No. 9813

RW

PRODUCT:
PLASTPRO INC,
FIBERGLASS DOOR

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS (2X BUCK)

NO.	DATE	REVISIONS
3	7/02/26	UPDATE TO 9TH ED. (2026) FBC
2	8/10/23	UPDATE TO 8TH ED. (2023) FBC
1	8/05/20	UPDATE TO 7th ED. (2020) FBC
NO.	DATE	BY

DATE: 08/09/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

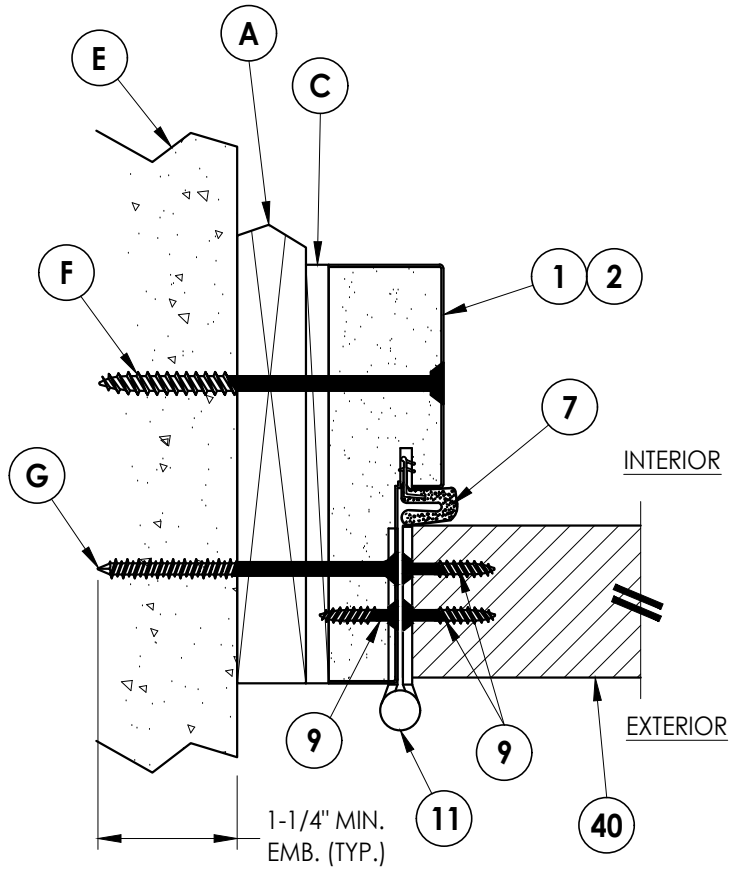
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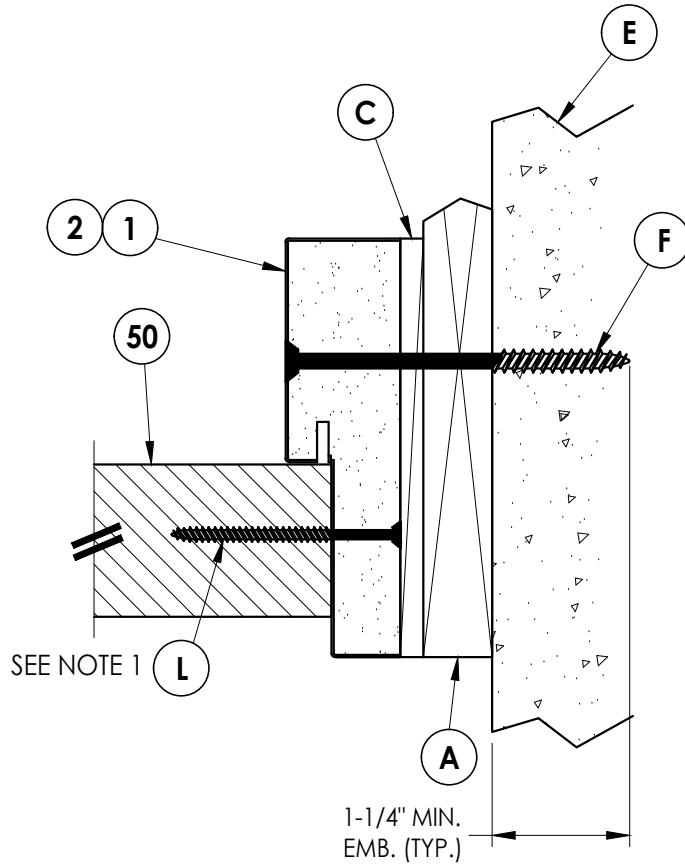
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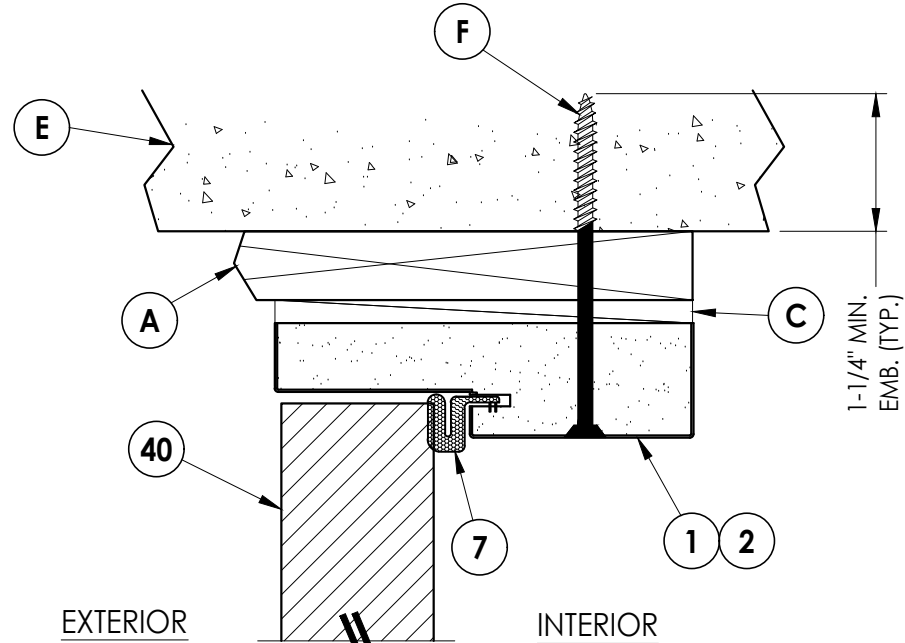
- NOTE:
1. Spacing for item L: 6" from each end and 4 more equally spaced along sidelite jamb (6 total).
 2. Spacing for item L: 3.75" from each end.



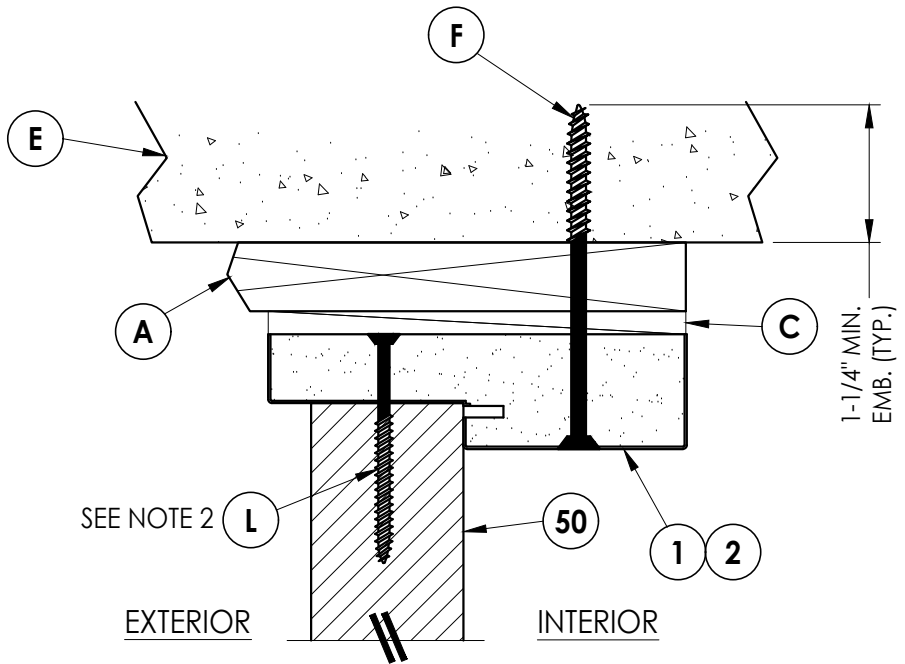
1
6 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



2
6 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



3
6 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



4
6 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)

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 Registry No. 9813

PRODUCT: PLASTPRO INC,
FIBERGLASS DOOR

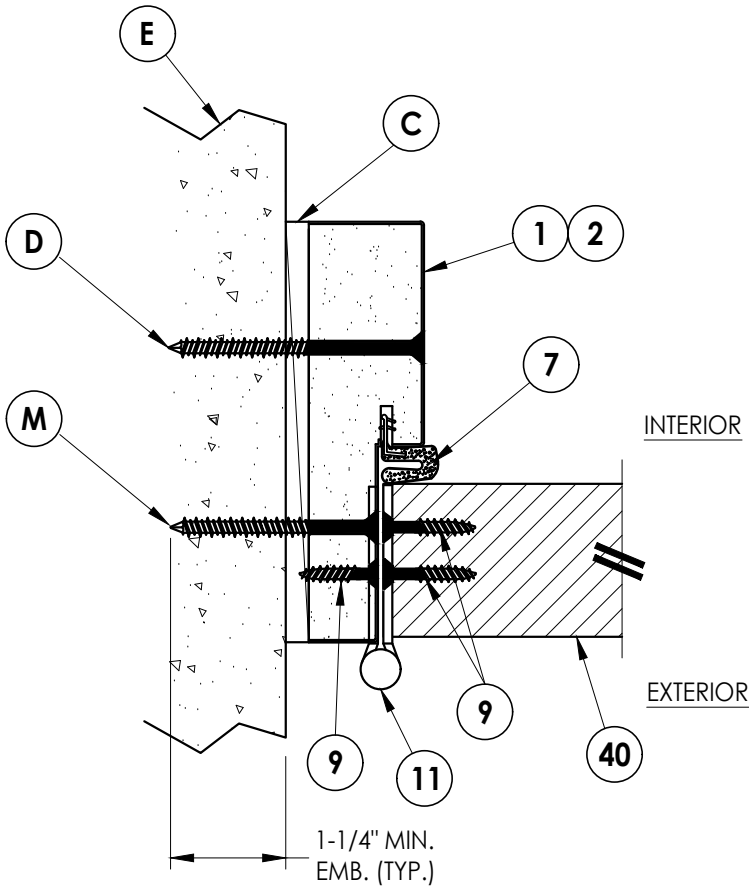
PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS (1X BUCK)

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2	8/10/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	8/05/20	UPDATE TO 7th ED. (2020) FBC DAC

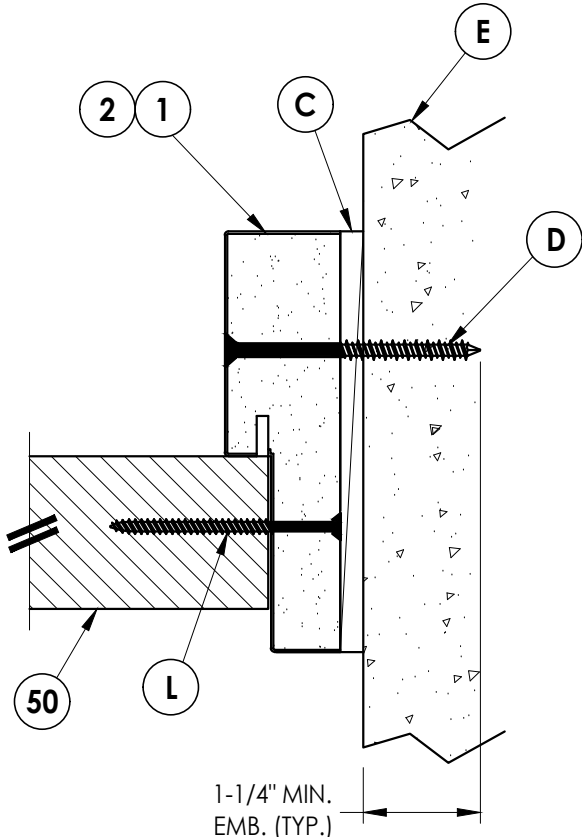
DATE: 08/09/17
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-17347.18
SHEET 6 OF 12

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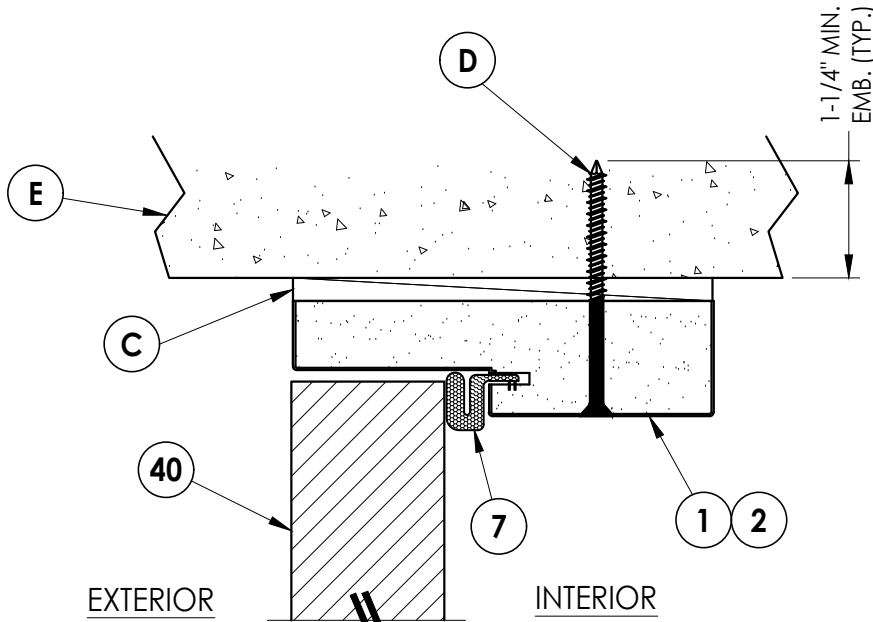
- NOTE:
1. Spacing for item L: 6" from each end and 4 more equally spaced along sidelite jamb (6 total).
 2. Spacing for item L: 3.75" from each end.



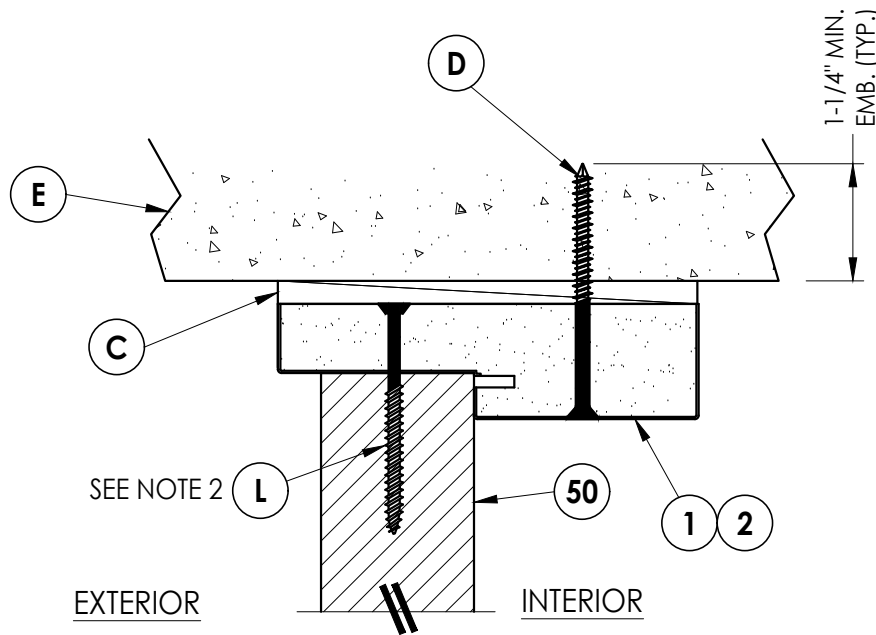
1
7 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)



2
7 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)



3
7 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)



4
7 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)

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 Registry No. 9813

PRODUCT: **PLASTPRO INC,
FIBERGLASS DOOR**

PART OR ASSEMBLY:
**HORIZONTAL & VERTICAL CROSS
SECTIONS (DIRECT TO MASONRY)**

NO.	DATE	REVISIONS
3	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
2	8/10/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	8/05/20	UPDATE TO 7th ED. (2020) FBC DAC

DATE: 08/09/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-17347.18

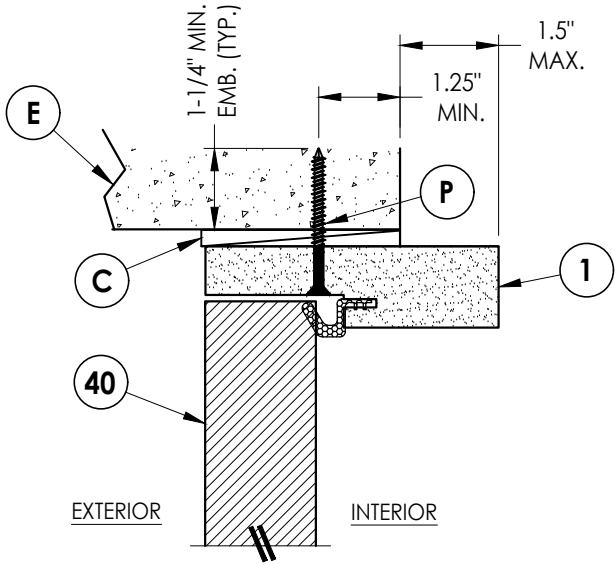
SHEET 7 OF 12



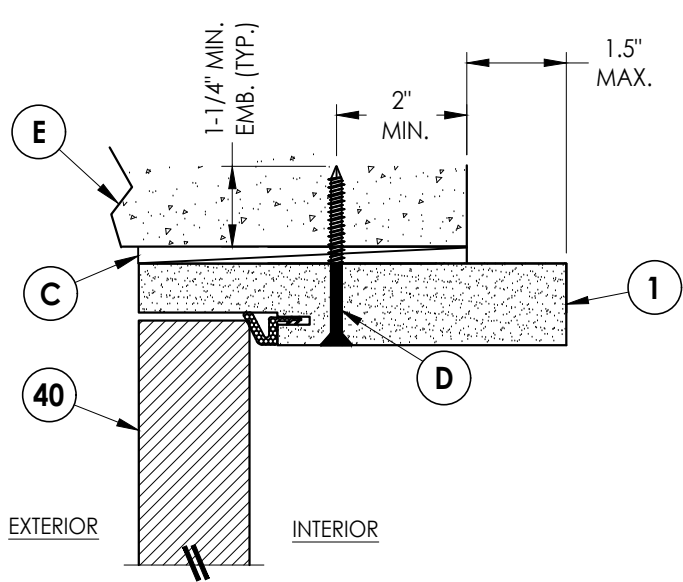
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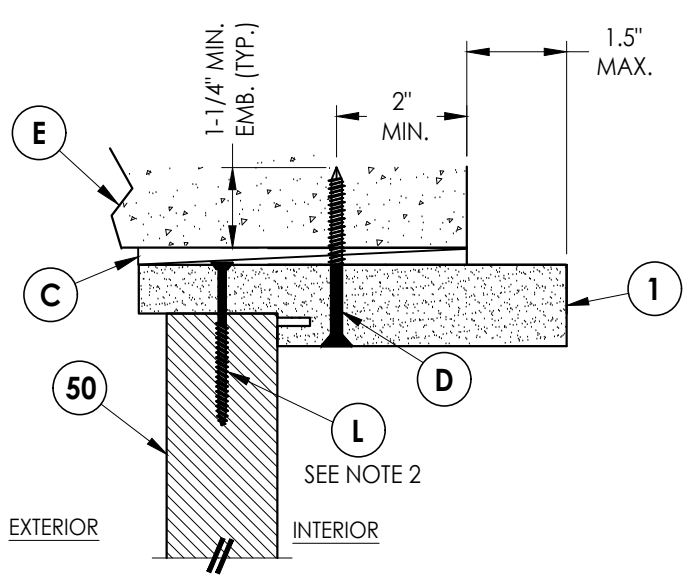
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4
9 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb
Double Door Only (N/A w/ Sidelites)



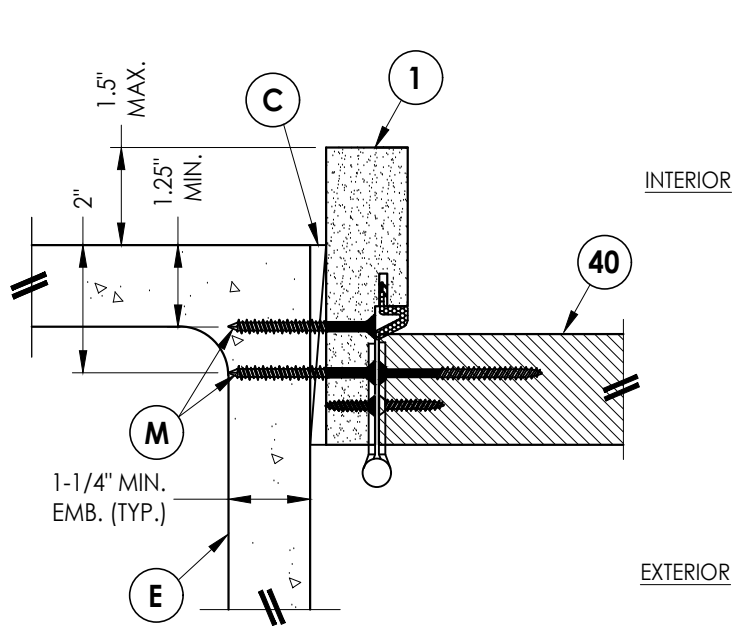
5
9 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



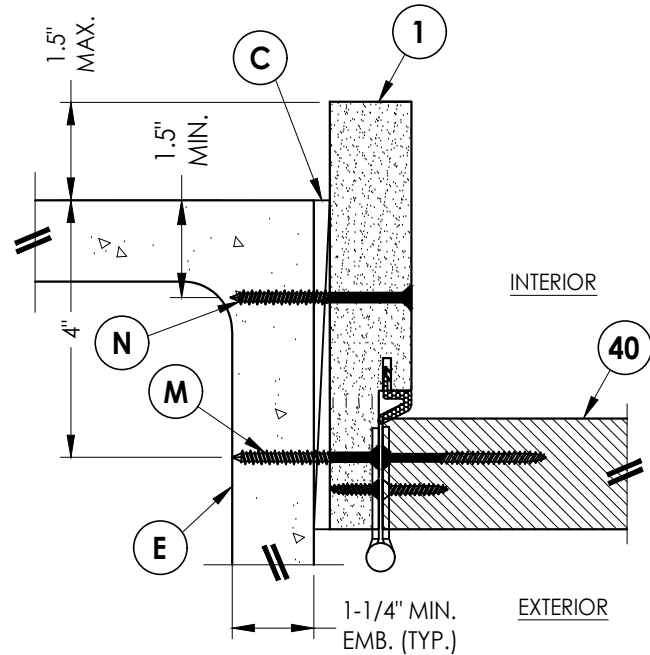
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9 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

NOTE:

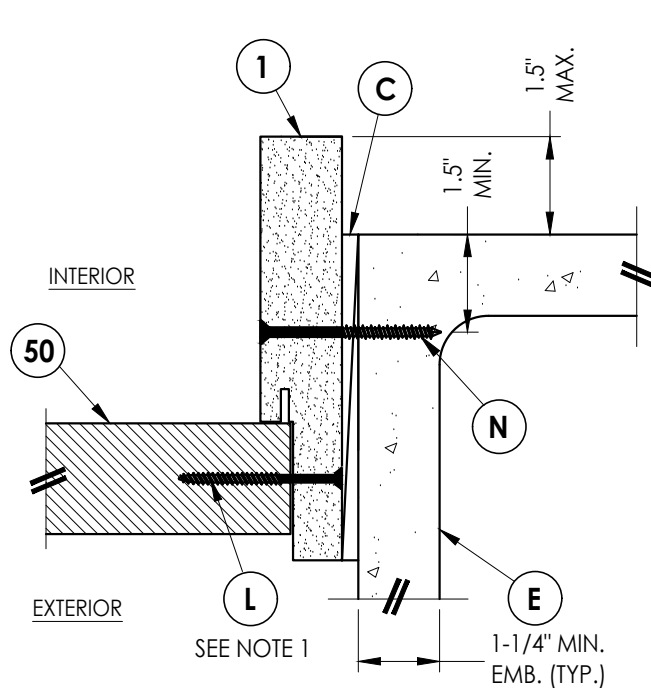
1. Spacing for item L: 6" from each end and 4 more equally spaced along sidelite jamb (6 total).
2. Spacing for item L: 3.75" from each end.



1
9 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb
Double Door Only (N/A w/ Sidelites)



2
9 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



3
9 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

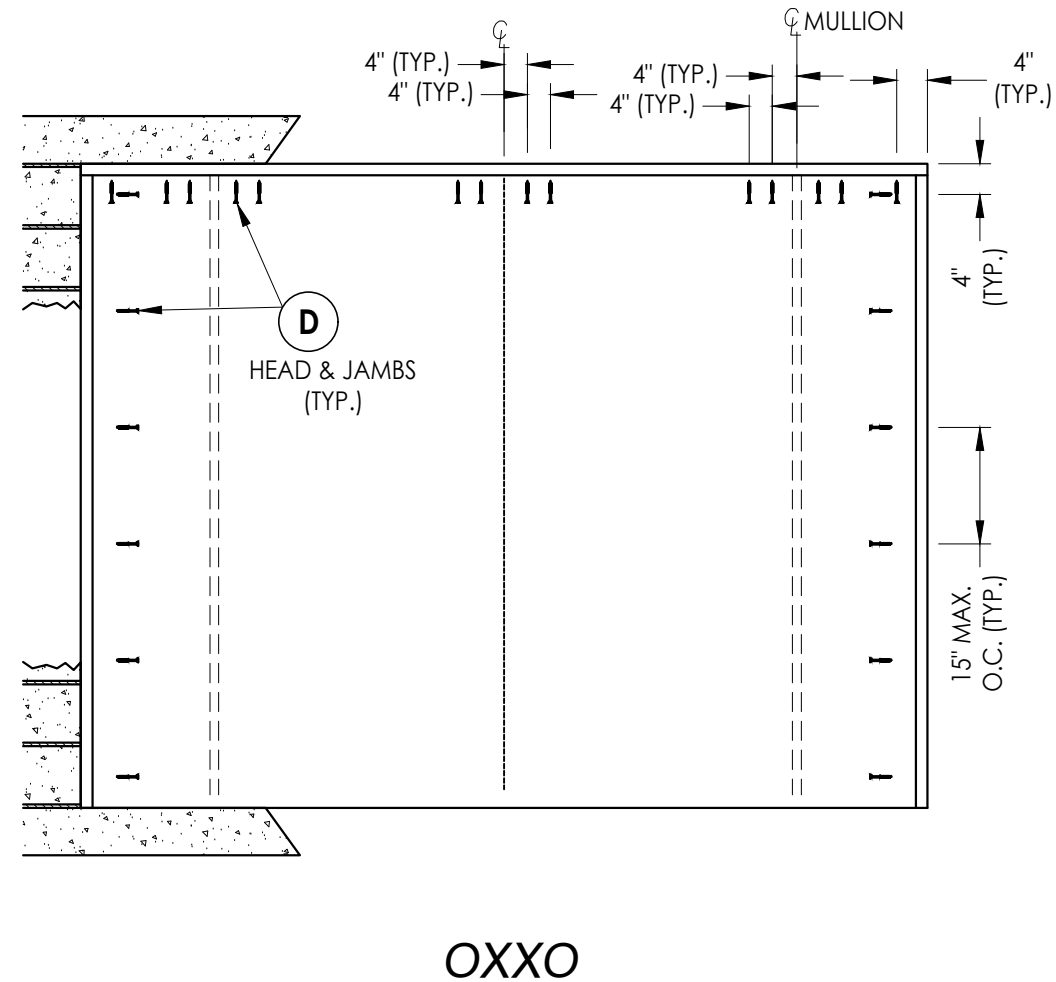
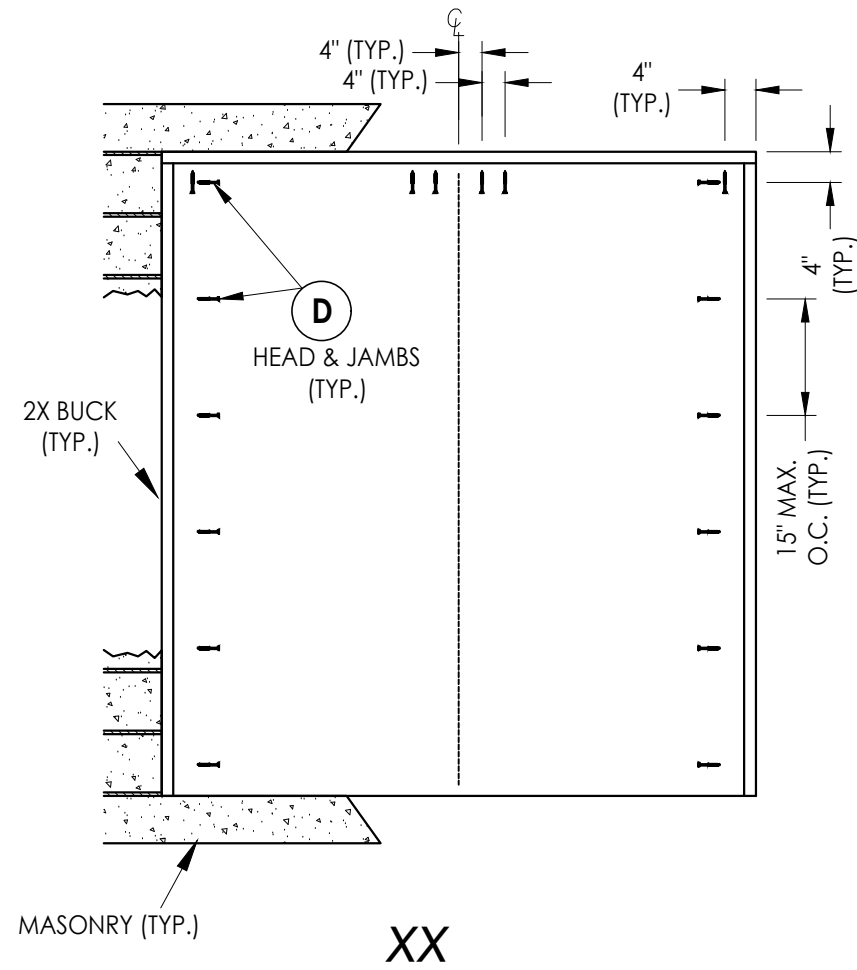
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

PRODUCT: PLASTPRO INC,
FIBERGLASS DOOR

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

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
SECTIONS (DIRECT TO MASONRY)

				REVISIONS			
			LFS				
			LFS				
			DAC				
			BY				
3	7/02/26	UPDATE TO 9TH ED. (2026) FBC					
2	8/10/23	UPDATE TO 8TH ED. (2023) FBC					
1	8/05/20	UPDATE TO 7th ED. (2020) FBC					
	NO.	DATE					
DATE: 08/09/17							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-17347.18							
SHEET 9 of 12							



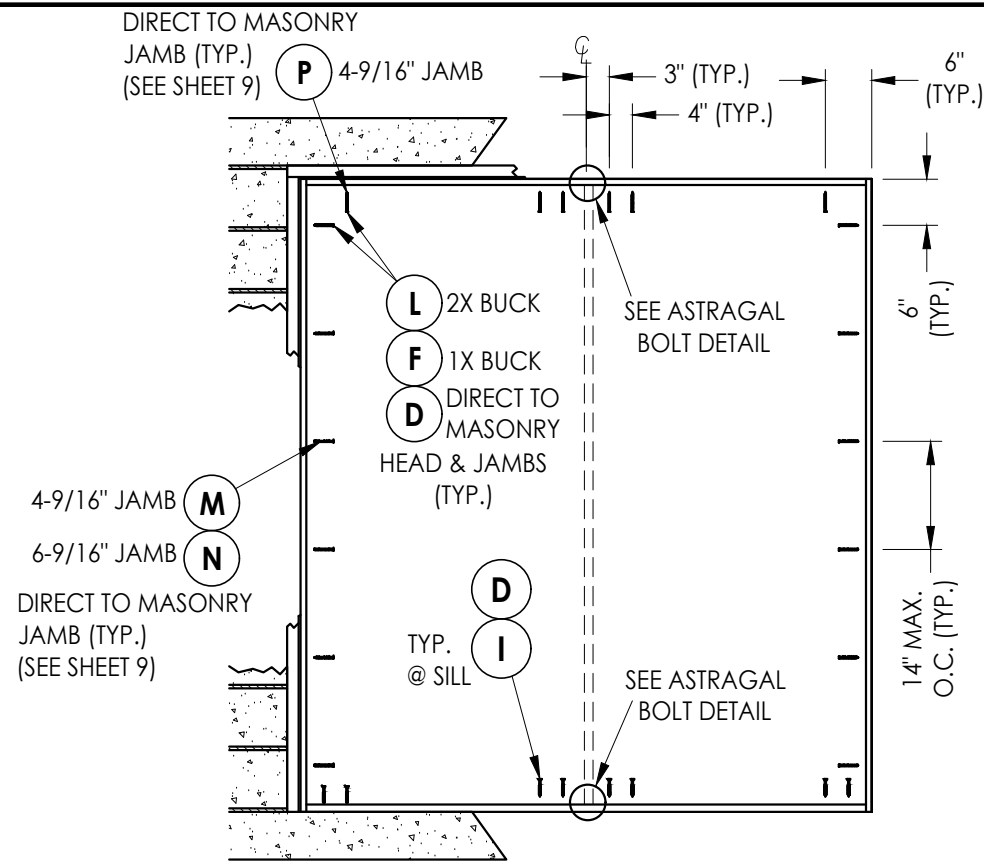
2X BUCK ANCHORING

3	7/02/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS	
2	8/10/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS	
1	8/05/20	UPDATE TO 7th ED.	(2020)	FBC	DAC	
NO.	DATE				BY	
						REVISIONS
DATE: 08/09/17						
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DWG. BY: JK						
CHK. BY: LFS						
DRAWING NO.: FL-17347.18						
SHEET 10 OF 12						

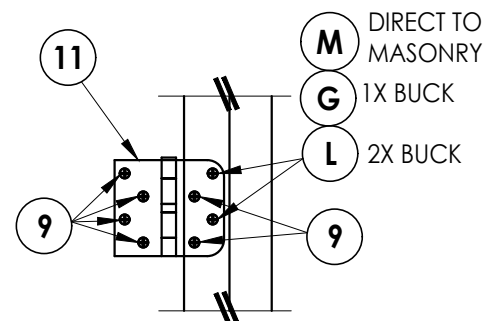
Documents Prepared By:
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
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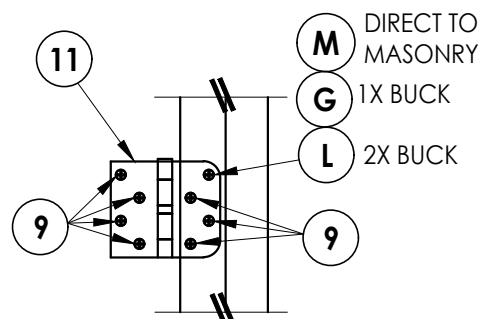
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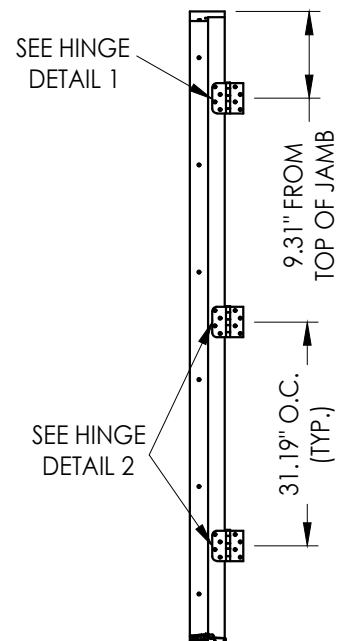
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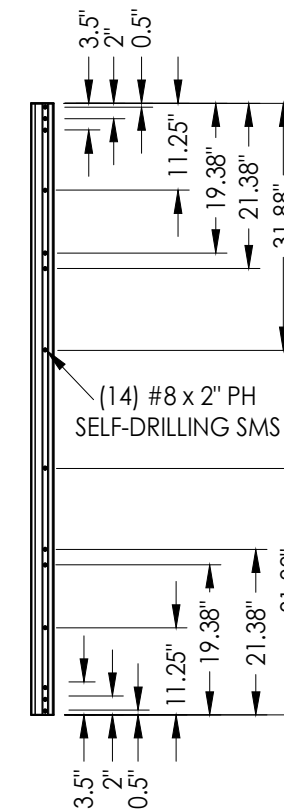
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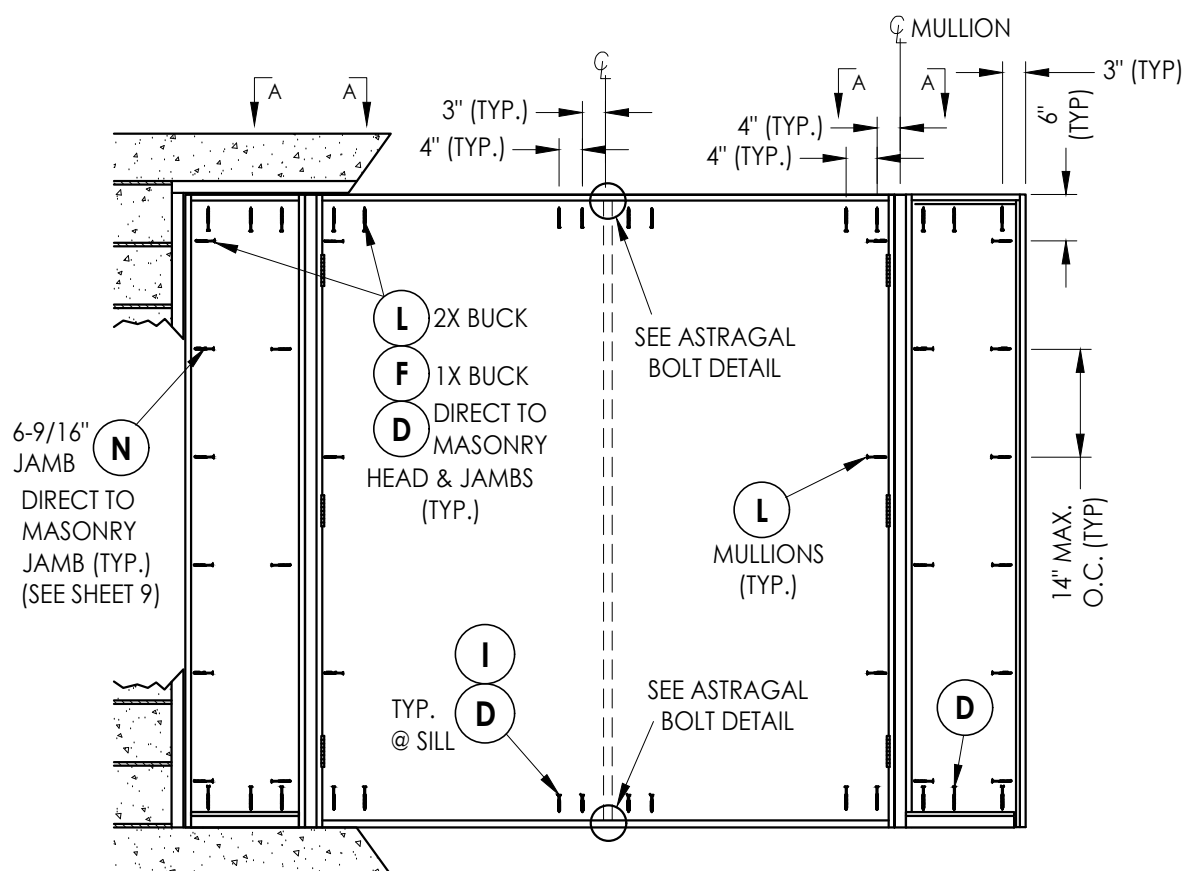
HINGE DETAIL 2



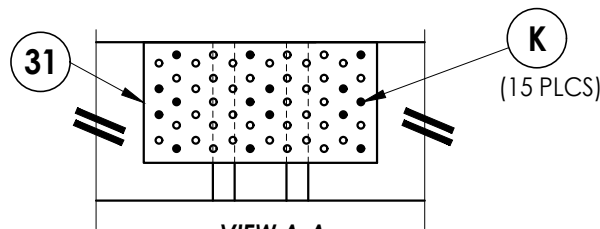
HINGE JAMB



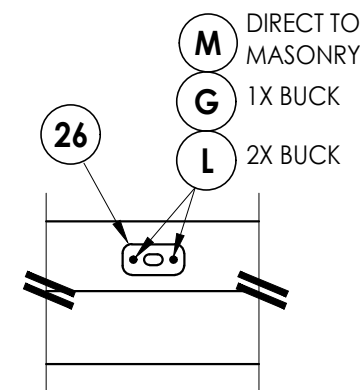
ASTRAGAL SCREW LOCATIONS



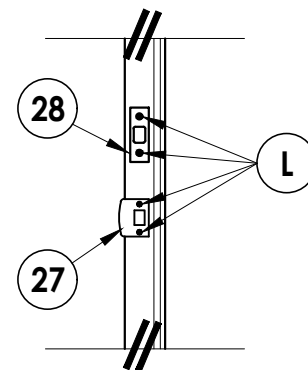
OX XO
FRAME ANCHORING



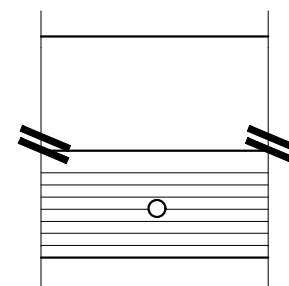
VIEW A-A



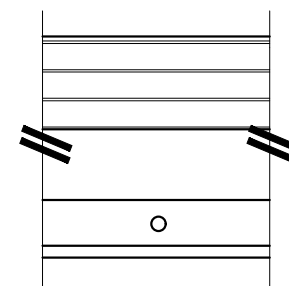
ASTRAGAL BOLT DETAIL
Strike Plate @ Head



LATCH & DEADBOLT DETAIL



ASTRAGAL BOLT DETAIL
Outswing Threshold



ASTRAGAL BOLT DETAIL
Inswing Threshold

CORROSION RESISTANCE - SALTWATER ENVIRONMENT

Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.

HARDWARE DETAILS

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

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

NO.	DATE	REVISIONS
3	7/02/26	UPDATE TO 9TH ED. (2026) FBC
2	8/10/23	UPDATE TO 8TH ED. (2023) FBC
1	8/05/20	UPDATE TO 7TH ED. (2020) FBC

DATE: 08/09/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-17347.18

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

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.42)	WOOD
B	2X BUCK (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT 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 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
G	3/16" x 3-1/4" PFH ITW CONCRETE SCREW	STEEL
I	1/4" X 1-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
J	#10 X 2" PFH WOOD SCREW	STEEL
K	#8 X 1-1/4" PFH WOOD SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMB.)	STEEL
M	3/16" X 2-1/4" ITW CONCRETE SCREW	STEEL
N	3/16" X 2-3/4" ITW CONCRETE SCREW	STEEL
P	1/4" X 2-1/4" PFH DeWALT CONCRETE SCREW	STEEL
1	POLY FIBER JAMB	COMP.
2	FINGER JOINTED PINE JAMB	WOOD
7	WEATHERSTRIP (ENDURA FORCE 5)	FOAM
8	DOOR SWEEP	PVC
9	#9 x 3/4" PFH WOOD SCREW	STEEL
11	4" X 4" HINGE	STEEL
24	ADA THRESHOLD	ALUM
25	ALUMINUM ASTRAGAL (DLP)	ALUM
26	ASTRAGAL STRIKE PLATE (1.19" x 3.25")	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
31	TIE PLATE	STEEL
33	OUTSWING THRESHOLD	ALUM/WOOD
34	INSWING ADJUSTABLE THRESHOLD	ALUM/WOOD
35	INSWING ADJUSTABLE THRESHOLD w/ SIDELITE ADAPTER	ALUM/WOOD
36	OUTSWING THRESHOLD w/ SIDELITE ADAPTER	ALUM/WOOD
40	DOOR PANEL	-
50	SIDELITE PANEL	-
88	1X REINFORCEMENT (SG >= 0.55)	WOOD

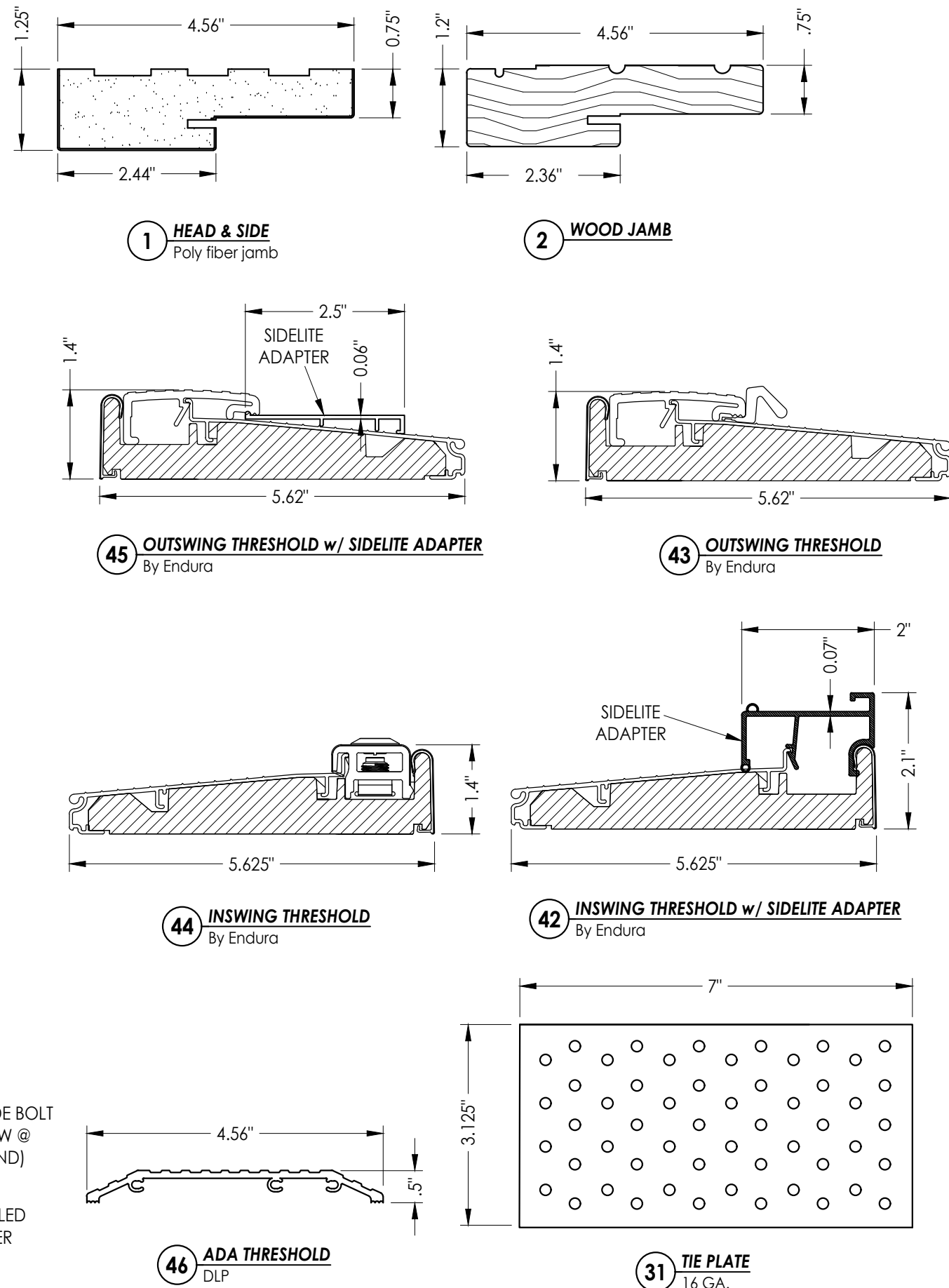
CONCRETE ANCHOR NOTES:

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. 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.
3. Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW BUILDDEX TAPCON®	3/16"	1-1/4"	3"	1-1/2"
	1/4"	1-1/4"	2"	4"
DeWALT ULTRA-CON®	1/4"	1-1/4"	1"	4"

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:
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BUILDING CONSULTANTS, INC.
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PRODUCT: PLASTPRO INC,
FIBERGLASS DOOR

R ASSEMBLY:
**BILL OF MATERIALS
AND COMPONENTS**

[illegible]

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