



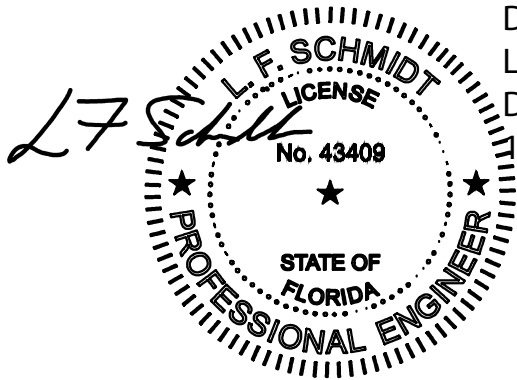
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

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

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) 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 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
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.

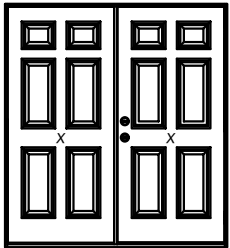
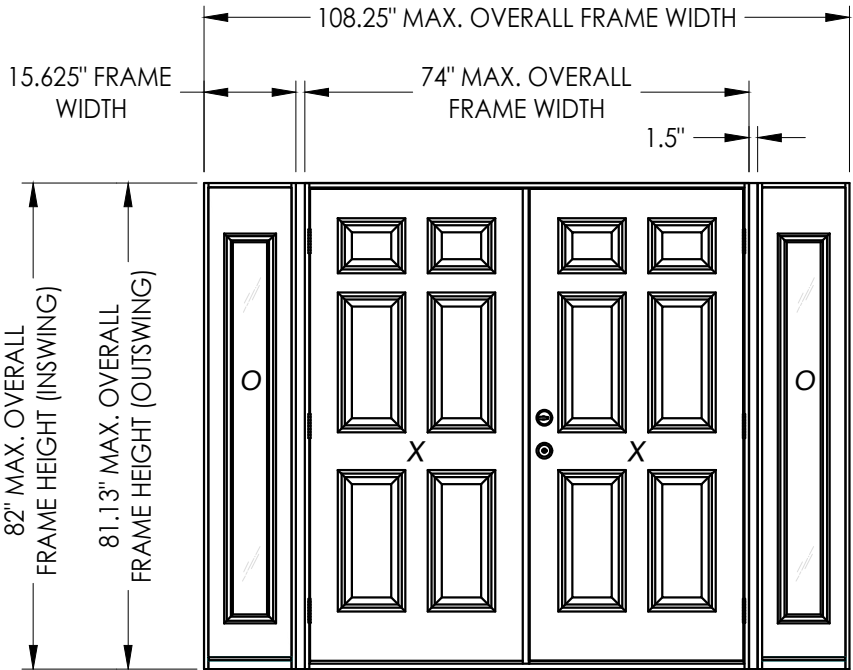
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SHEET#	DESCRIPTION
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2	Door panel details
3	Sidelite panel details
4	Elevations
5	Horizontal & Vertical Cross Sections (2X Buck)
6	Horizontal & Vertical Cross Sections (1X Buck)
7	Horizontal & Vertical 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



Digitally signed by
Lyndon F Schmidt
Date: 2023.08.16
1:52:37 -04'00'

This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA



XX

CONFIGURATION	MAX. FRAME DIMENSION	MAX. SIDELITE D.L.O. DIMENSION	DESIGN PRESSURE (PSF)	
			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

PLASTPRO INC.
FIBERGLASS DOOR

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

28/10/23
8/10/23
8/05/20

UPDATE TO 8TH ED. (2023)
FBC
UPDATE TO 7th ED. (2020)
FBC

DAC
BY

REVISIONS

DATE: 08/09/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

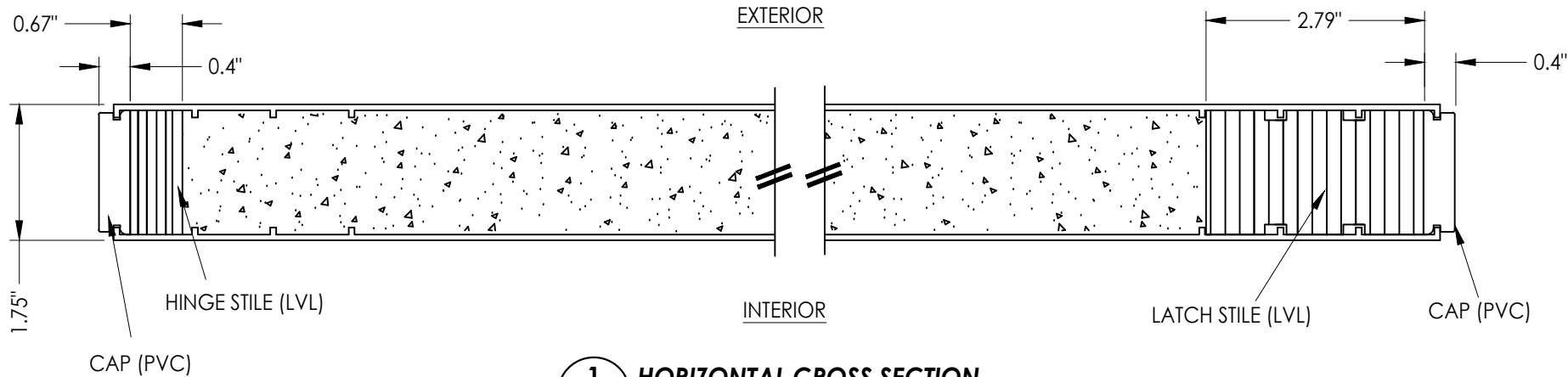
DRAWING NO.: FL-17347.18

SHEET 1 OF 12

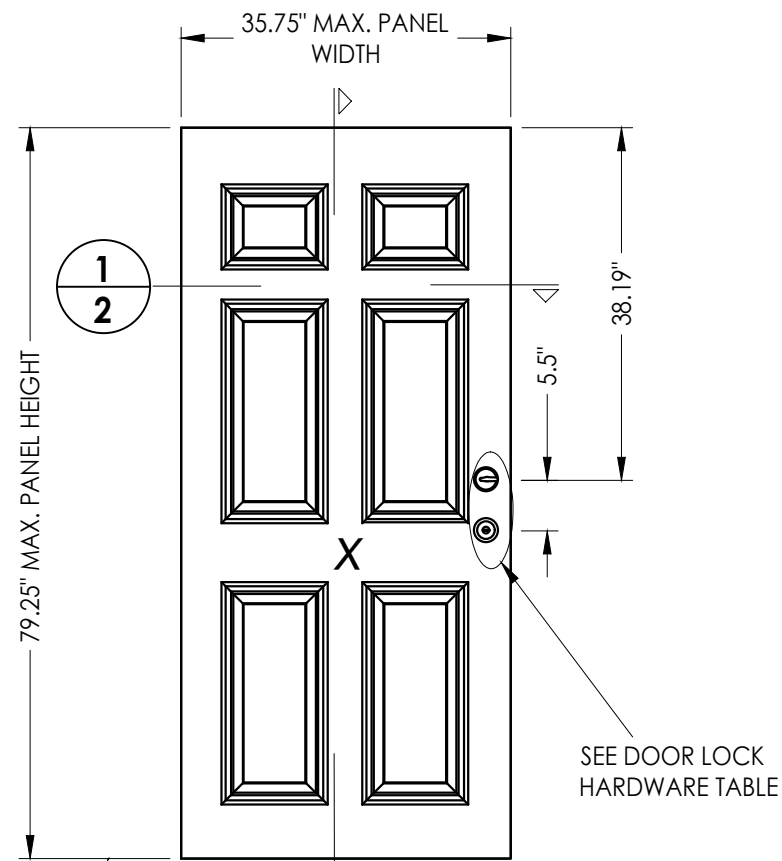
RW
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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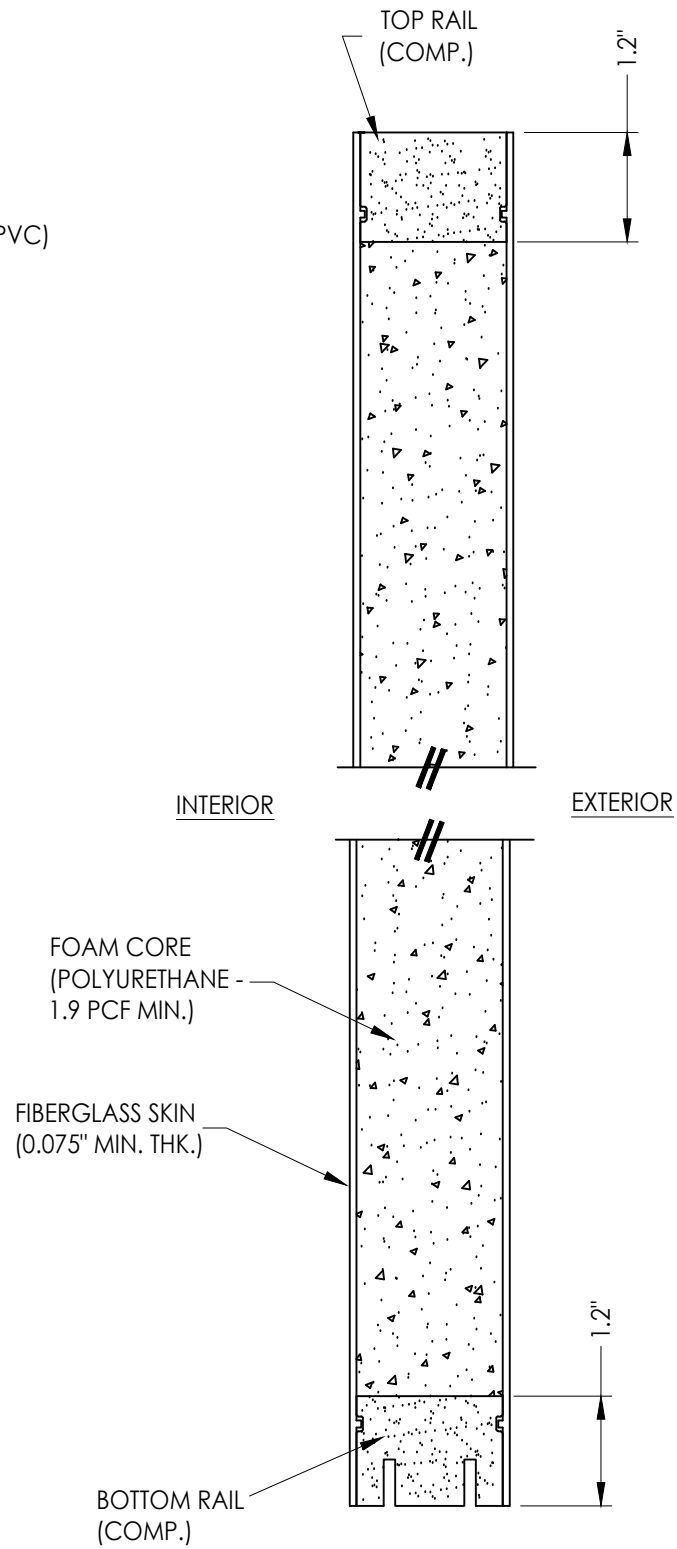
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1
2 **HORIZONTAL CROSS SECTION**



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

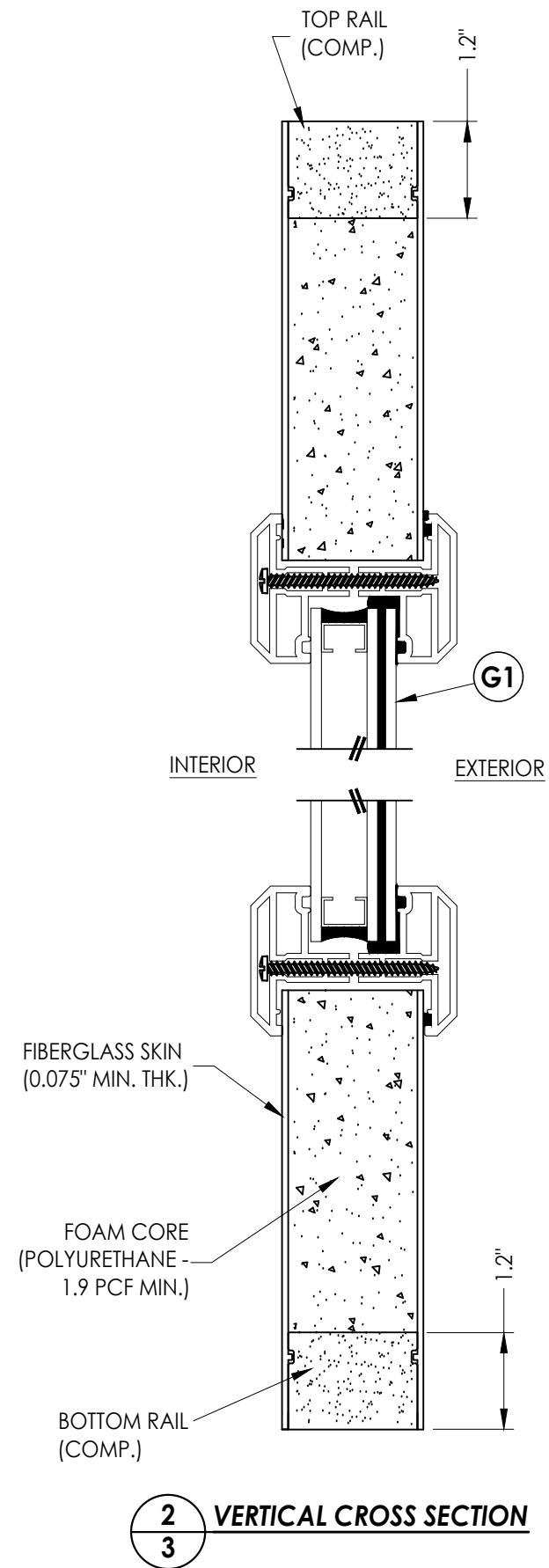
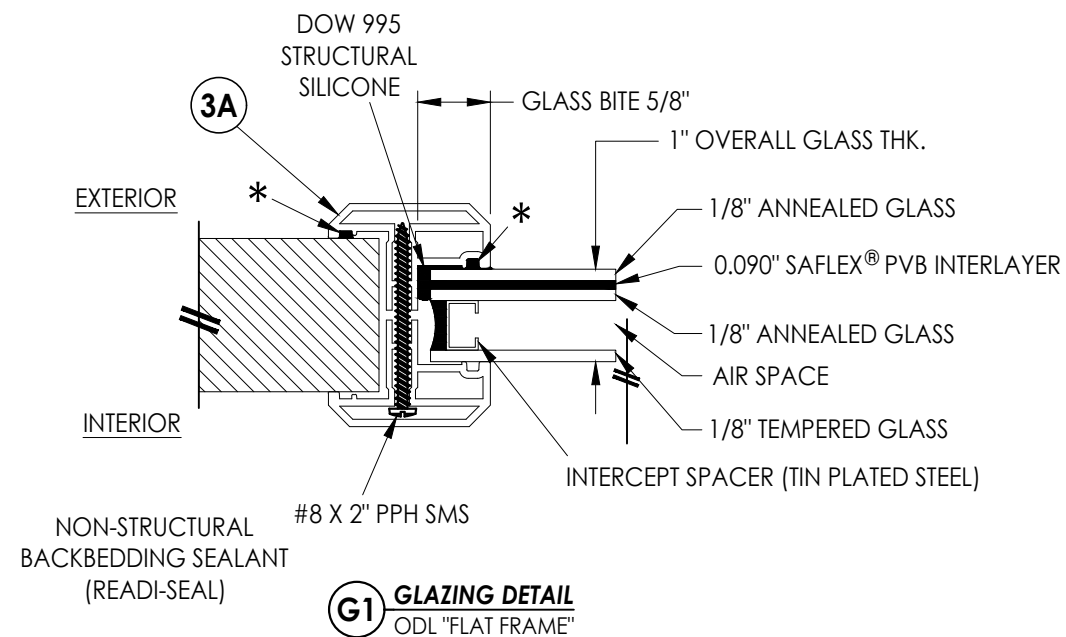
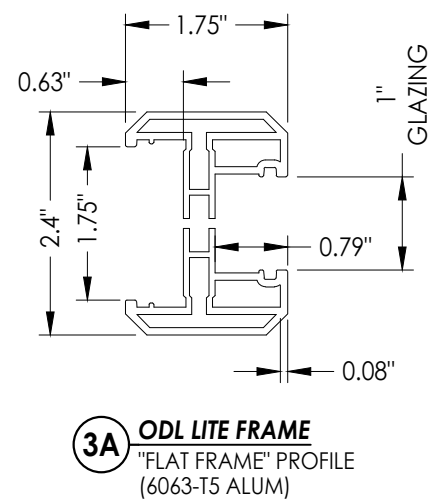
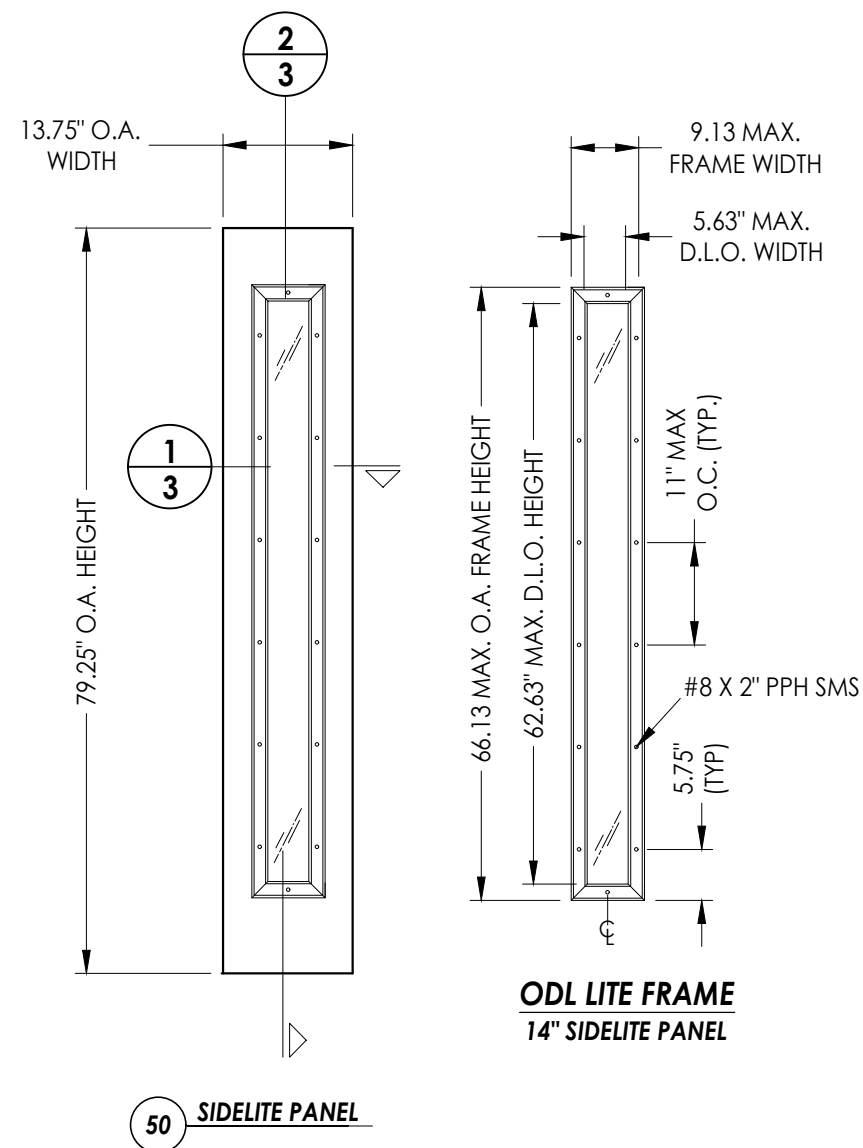
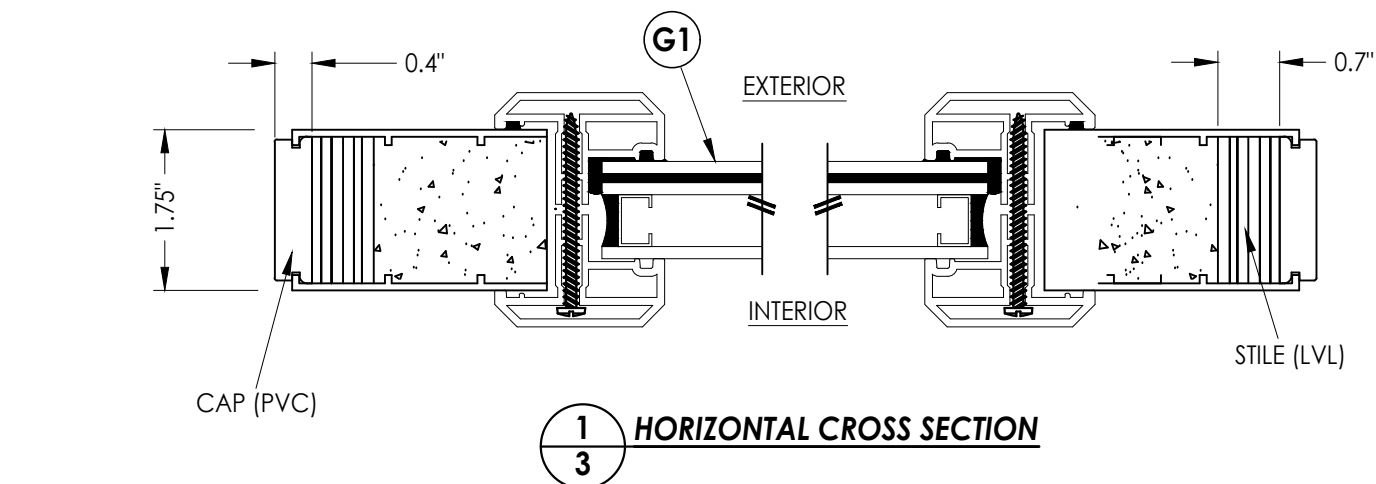
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: PLASTPRO INC,
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

NO.	DATE	REVISIONS		
		DATE	BY	CHK.
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 2 OF 12



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							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-17347.18							
SHEET 3 OF 12							

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

PART OR ASSEMBLY:

SIDELITE PANEL DETAILS
AND GLAZING DETAIL

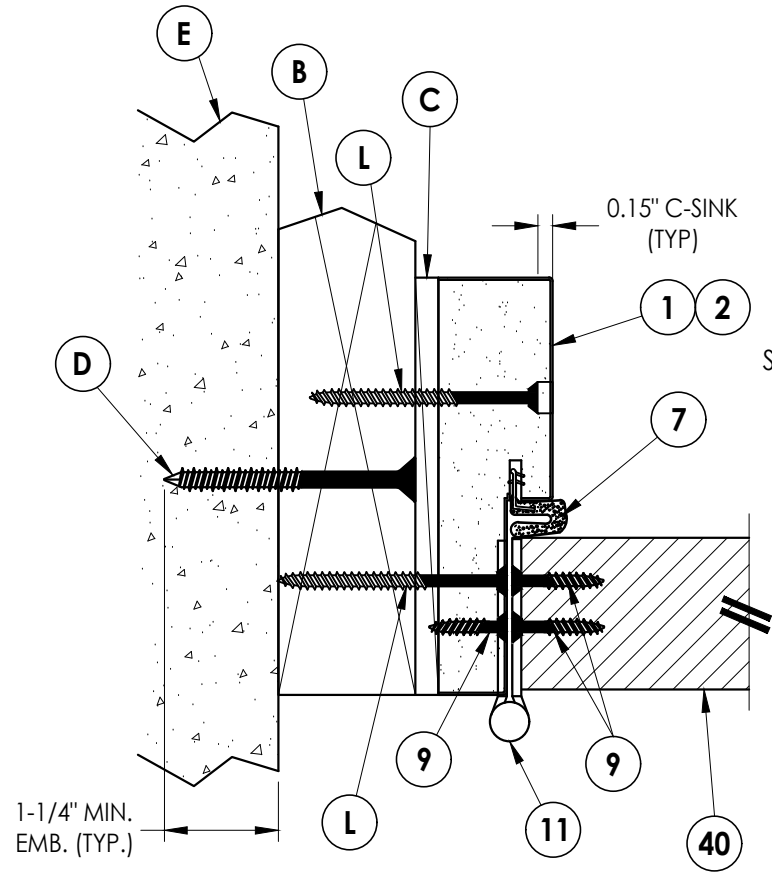
R^{qW}
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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

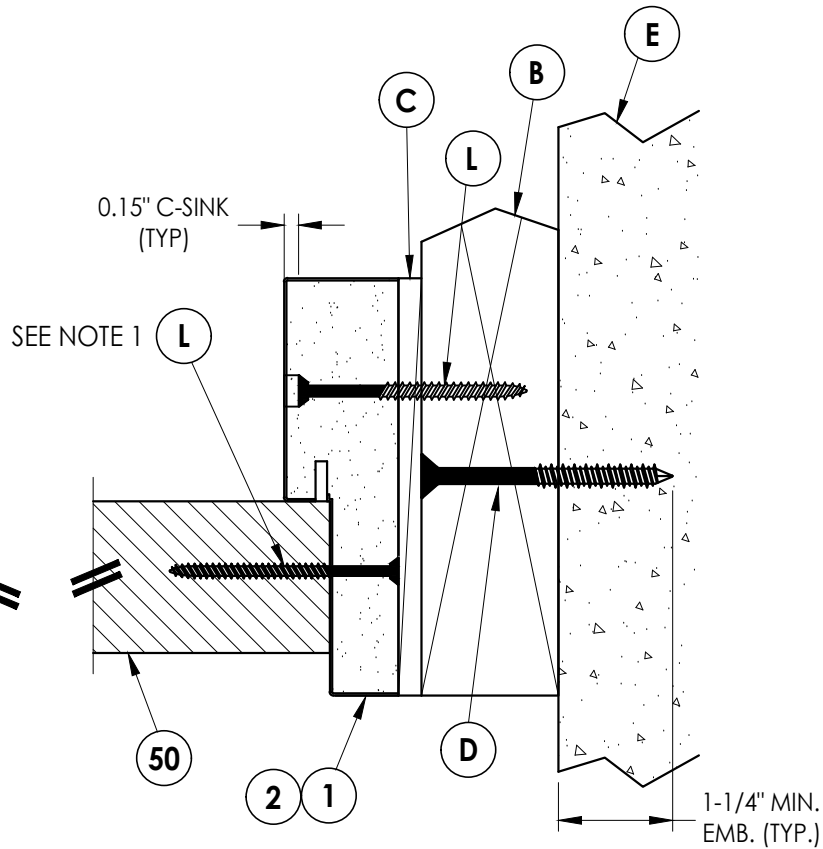
SHEET 4 OF 12

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

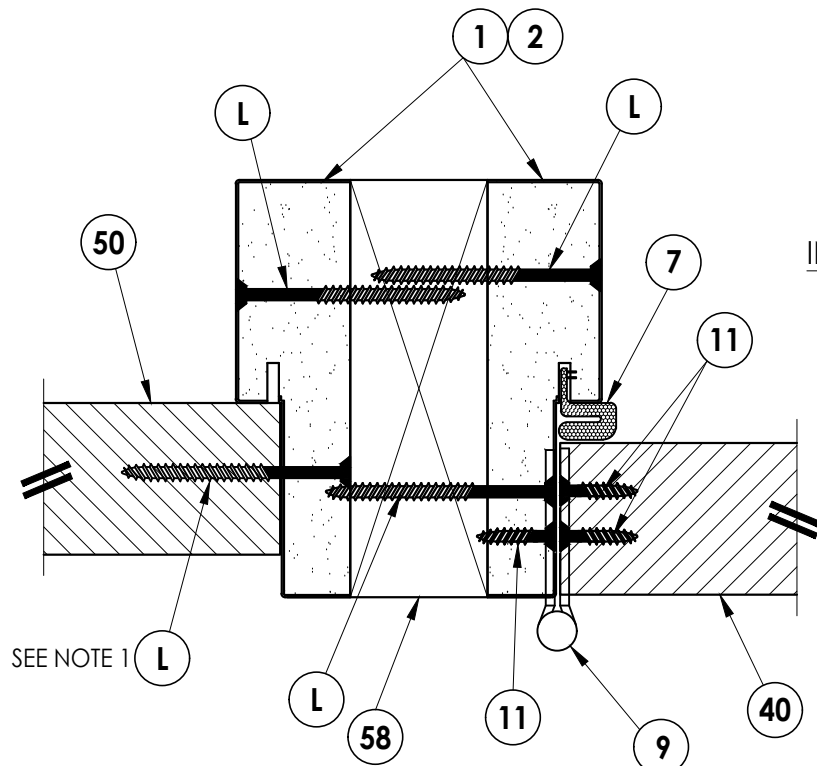
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1
5 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)

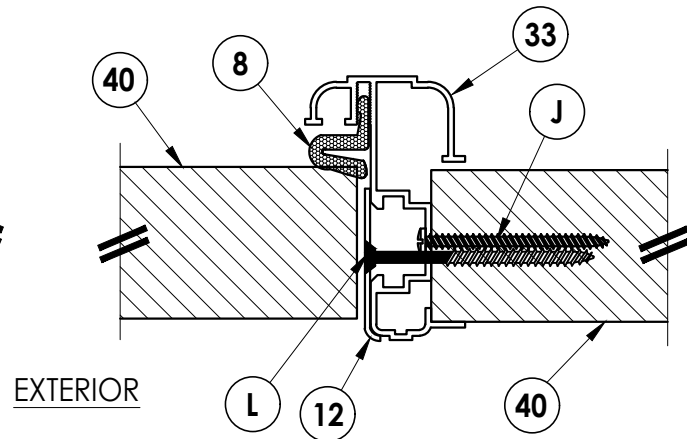


2
5 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)



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

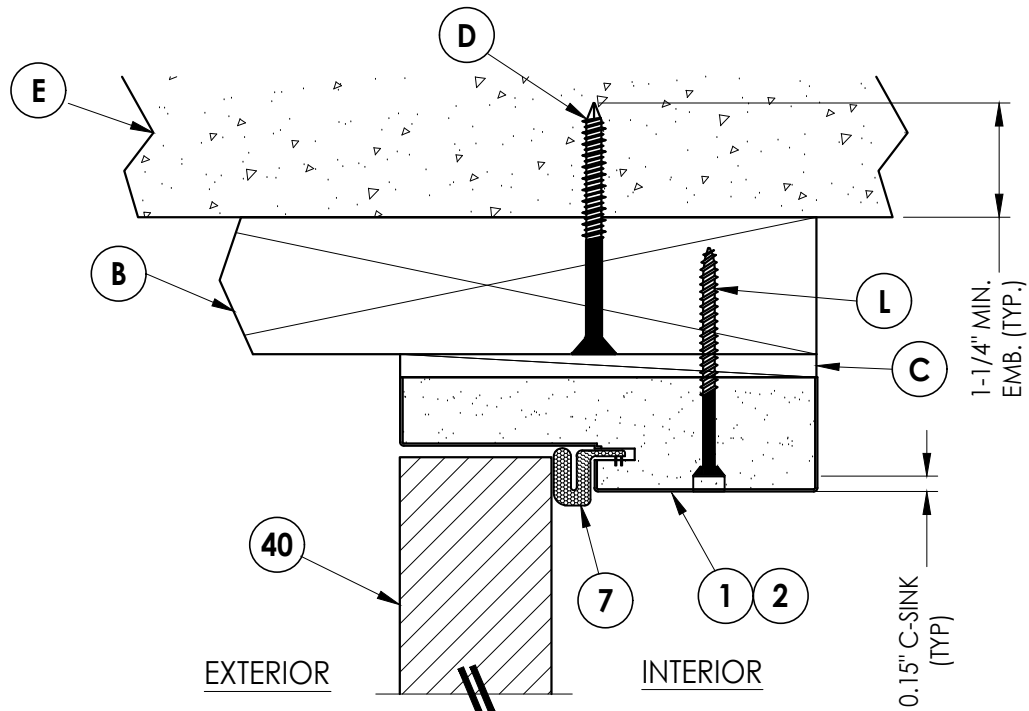
INTERIOR



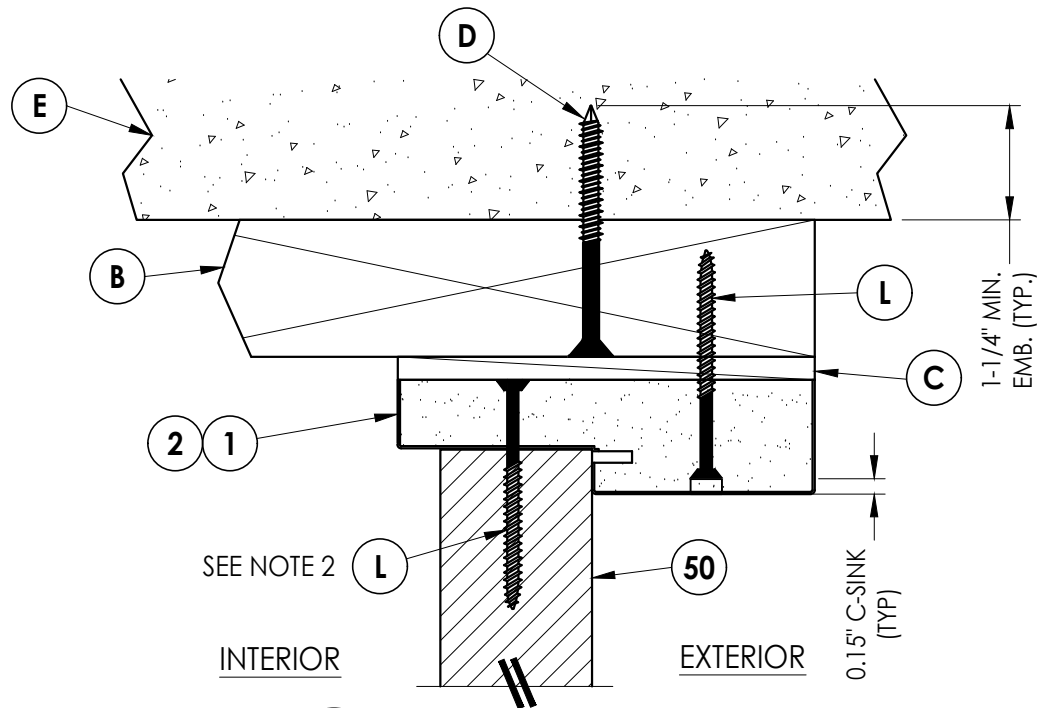
6
5 **HORIZONTAL CROSS SECTION**
Inswing shown (Outswing similar)

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
P.E. No. 43409

BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
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
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

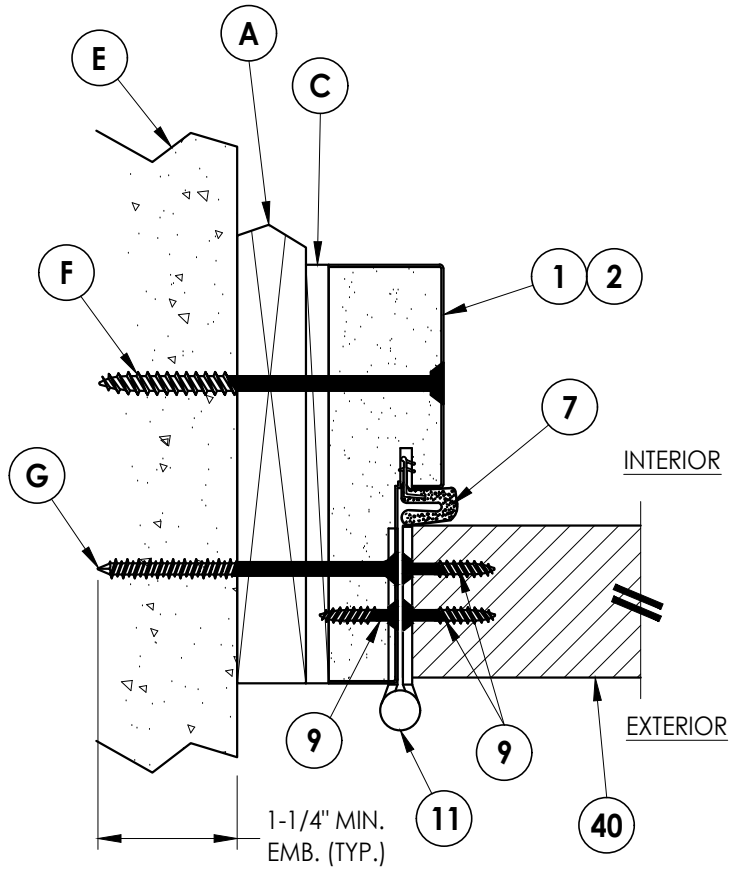
DRAWING NO.:

FL-17347.18

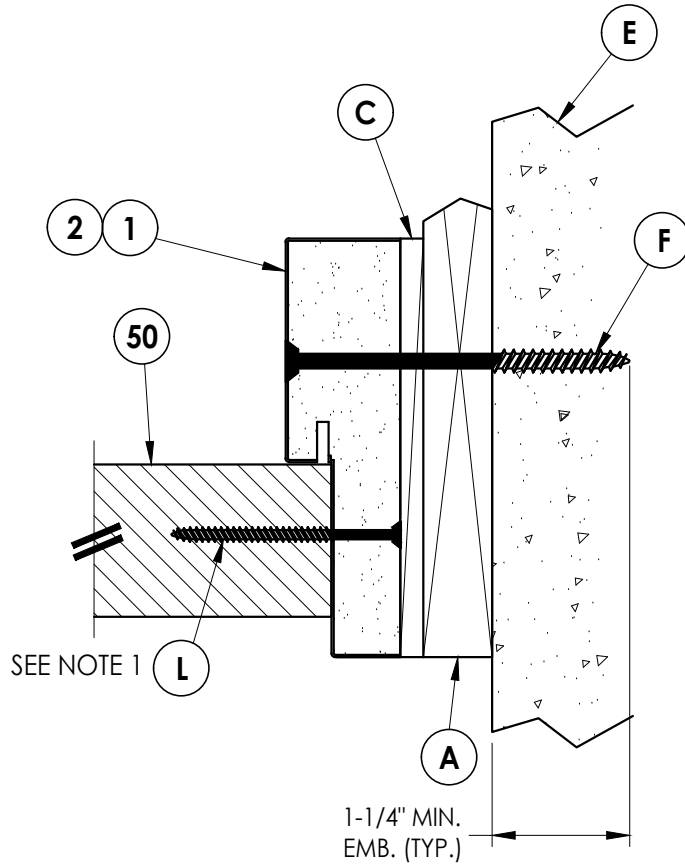
SHEET 5 OF 12

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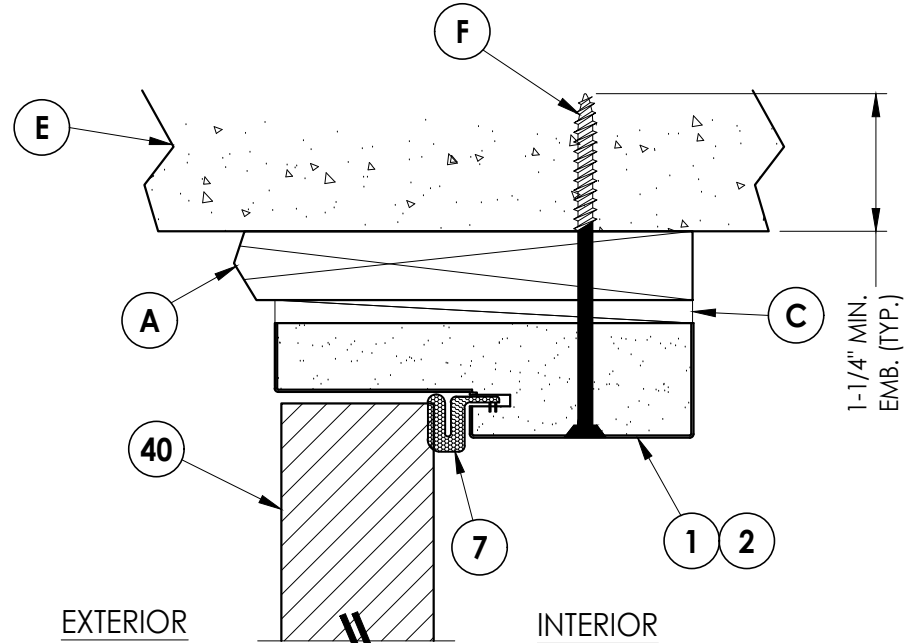
- NOTE:
1. Spacing for item L: 6" from each end and 4 more equally spaced along sidelite jamb (6 total).
 2. Spacing for item L: 3.75" from each end.



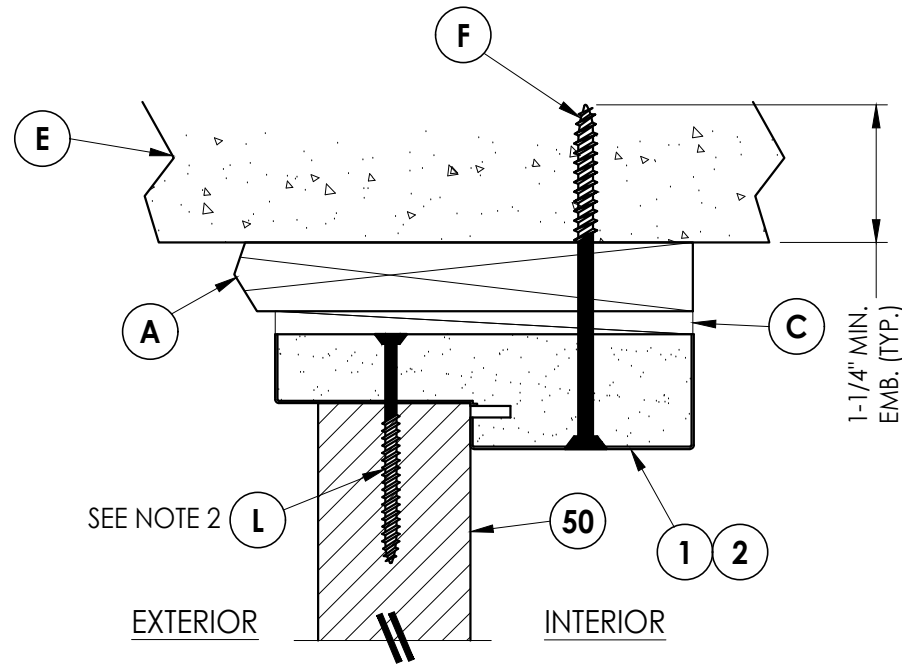
1
6 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



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

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Phone No.: 813.659.9197
FBPE Registry No. 9813

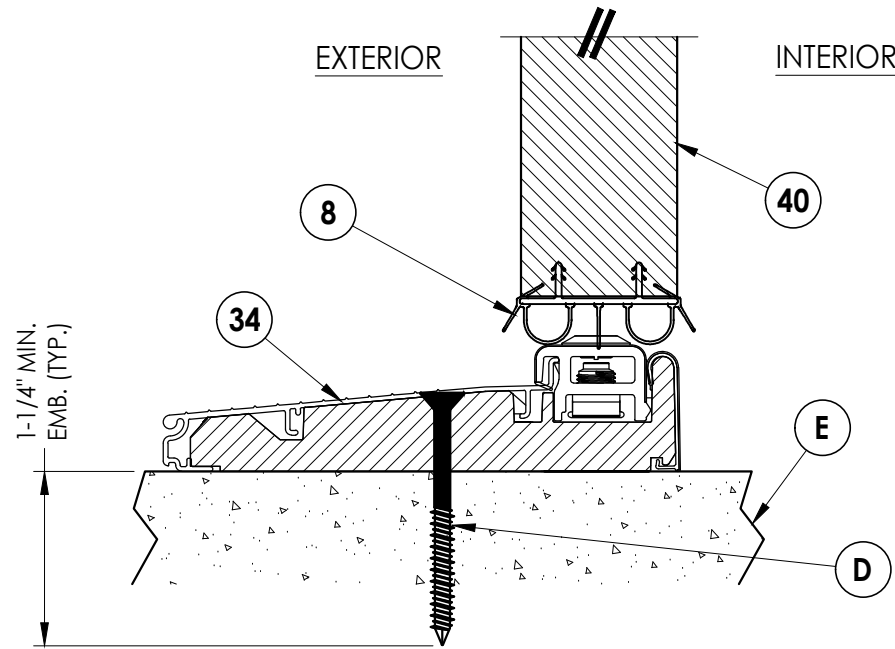
PRODUCT:
PLASTPRO INC,
FIBERGLASS DOOR

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

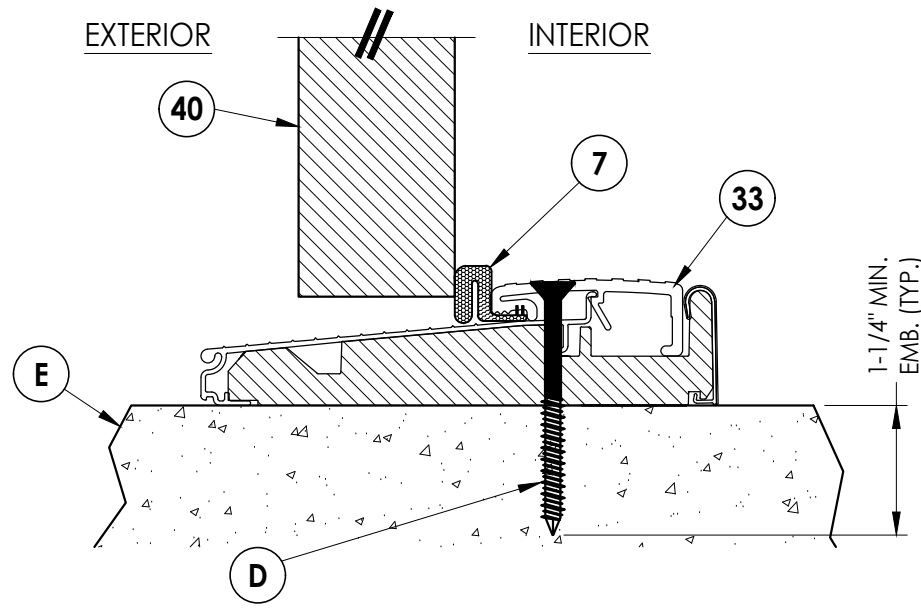
NO.	DATE	REVISIONS
2	8/10/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	8/05/20	UPDATE TO 7th ED. (2020) FBC DAC

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

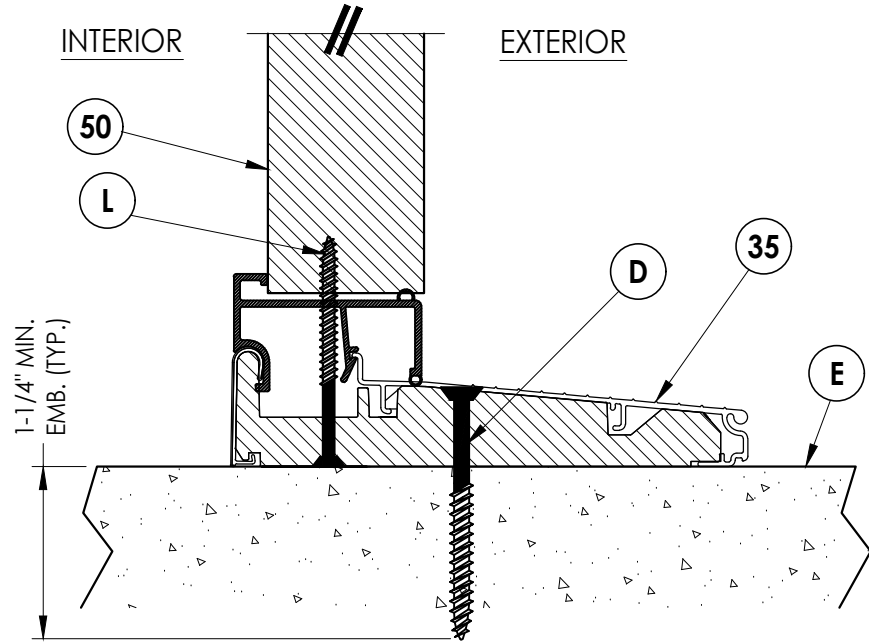
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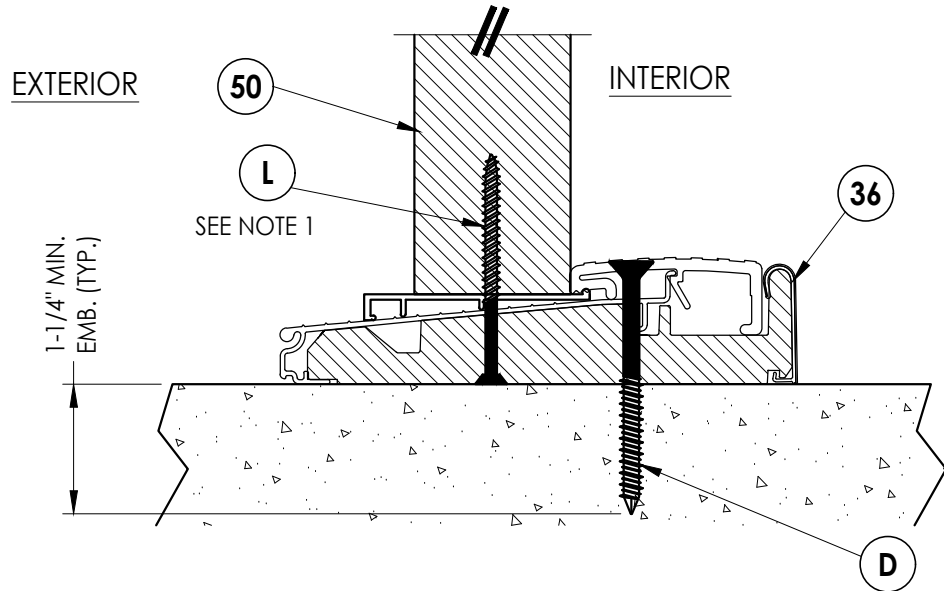
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8 **VERTICAL CROSS SECTION**
Inswing sill



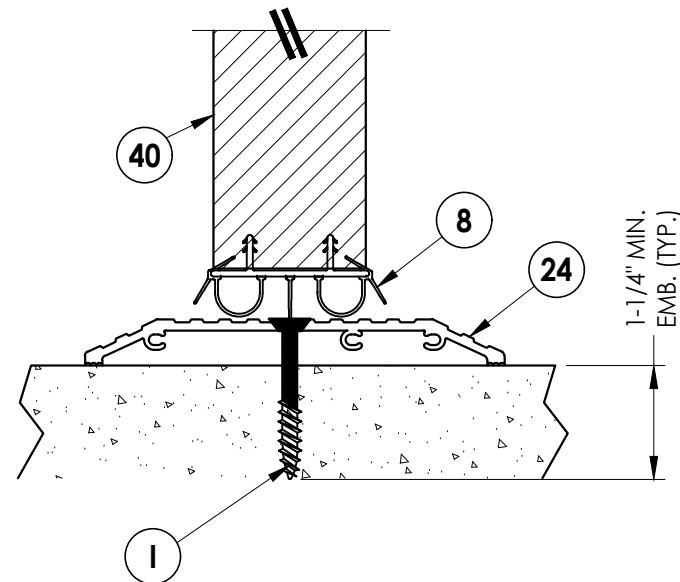
2
8 **VERTICAL CROSS SECTION**
Outswing sill



4
8 **VERTICAL CROSS SECTION**
Inswing sill



5
8 **VERTICAL CROSS SECTION**
Inswing sill



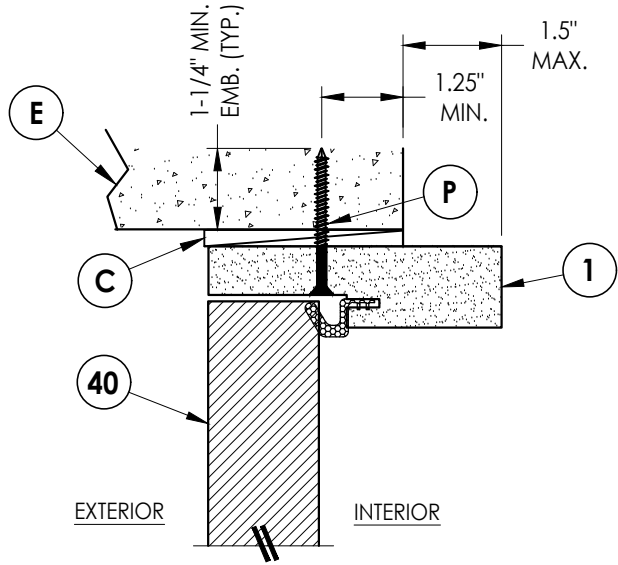
3
8 **VERTICAL CROSS SECTION**
ADA Sill

NOTE

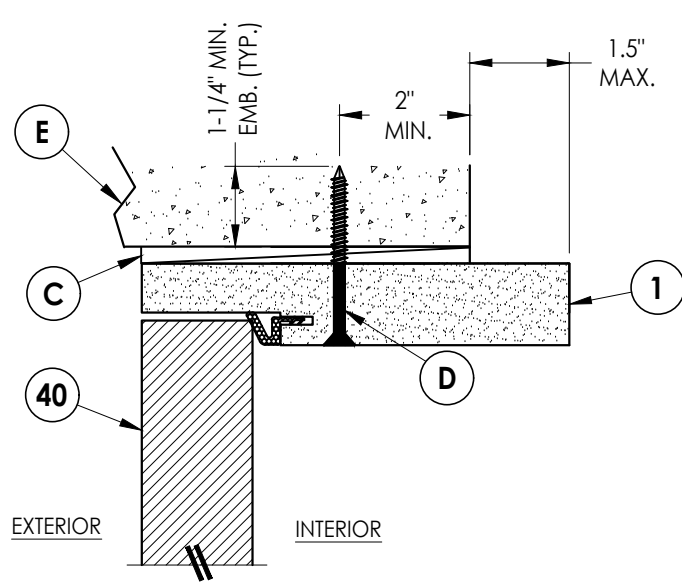
1. Spacing for item L: 3.75" from each end.

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 Registry No. 9813	
PRODUCT: PLASTPRO INC, FIBERGLASS DOOR		PART OR ASSEMBLY: VERTICAL CROSS SECTIONS (THRESHOLDS)	
		LFS	BY
		FBC	DAC
2	8/10/23	UPDATE TO 8TH ED. (2023)	REVISIONS
1	8/05/20	UPDATE TO 7th ED. (2020)	
DATE: 08/09/17		NO. DATE	
SCALE: N.T.S.		DATE	
DWG. BY: JK		DATE	
CHK. BY: LFS		DATE	
DRAWING NO.: FL-17347.18		DATE	
SHEET 8 OF 12		DATE	

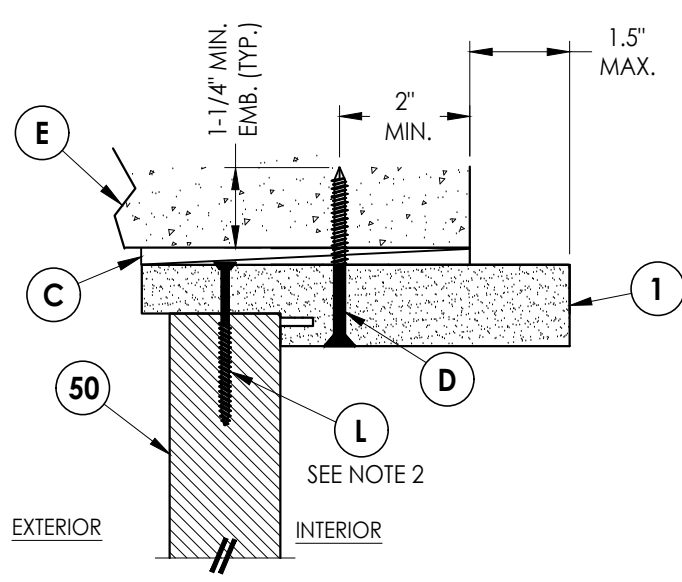
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4
9 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb
Double Door Only (N/A w/ Sidelites)



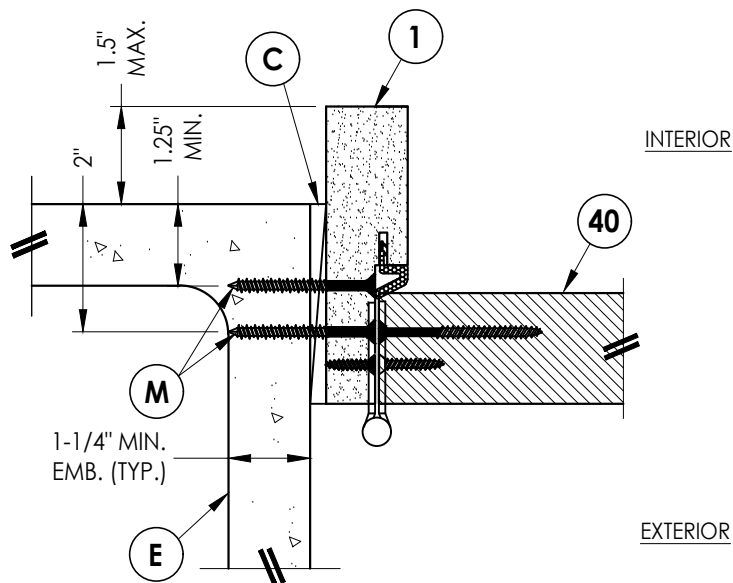
5
9 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



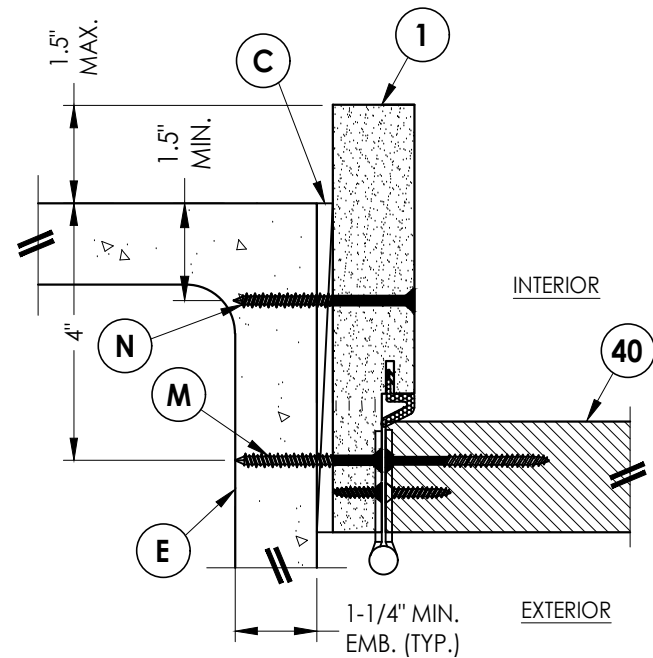
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9 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

NOTE:

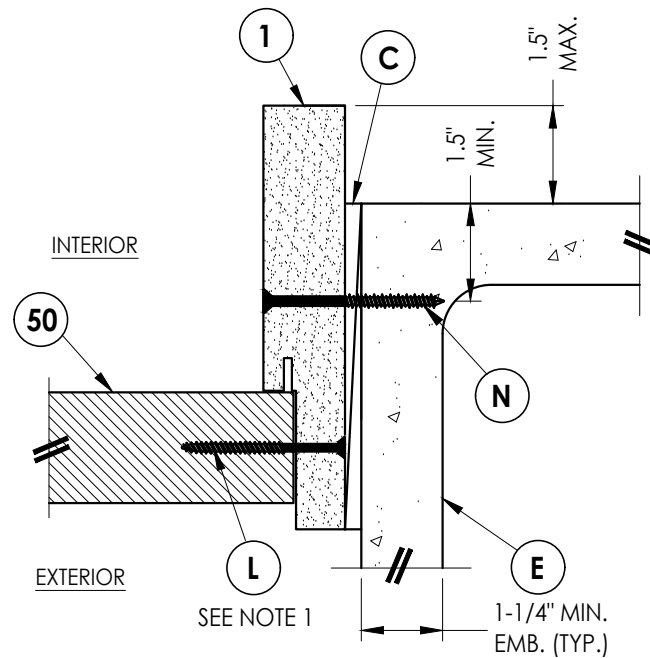
1. Spacing for item L: 6" from each end and 4 more equally spaced along sidelite jamb (6 total).
2. Spacing for item L: 3.75" from each end.



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

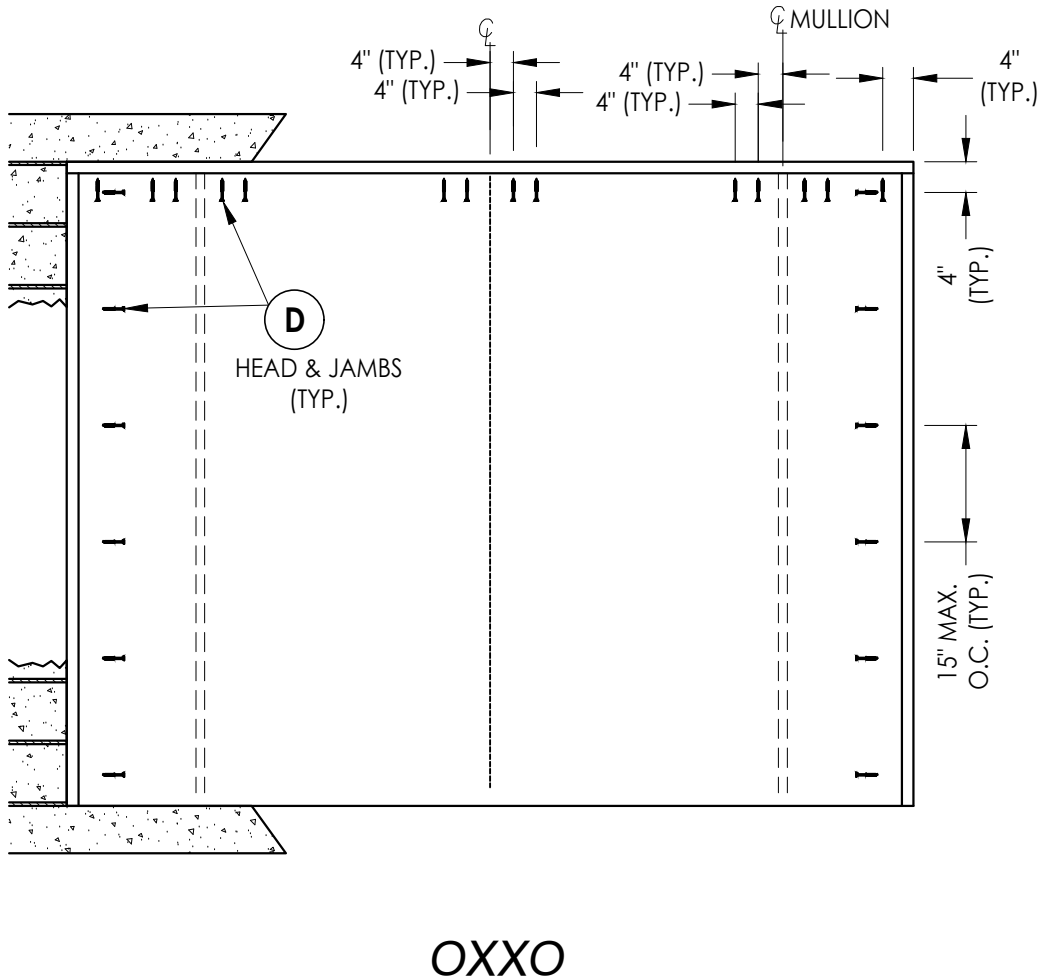
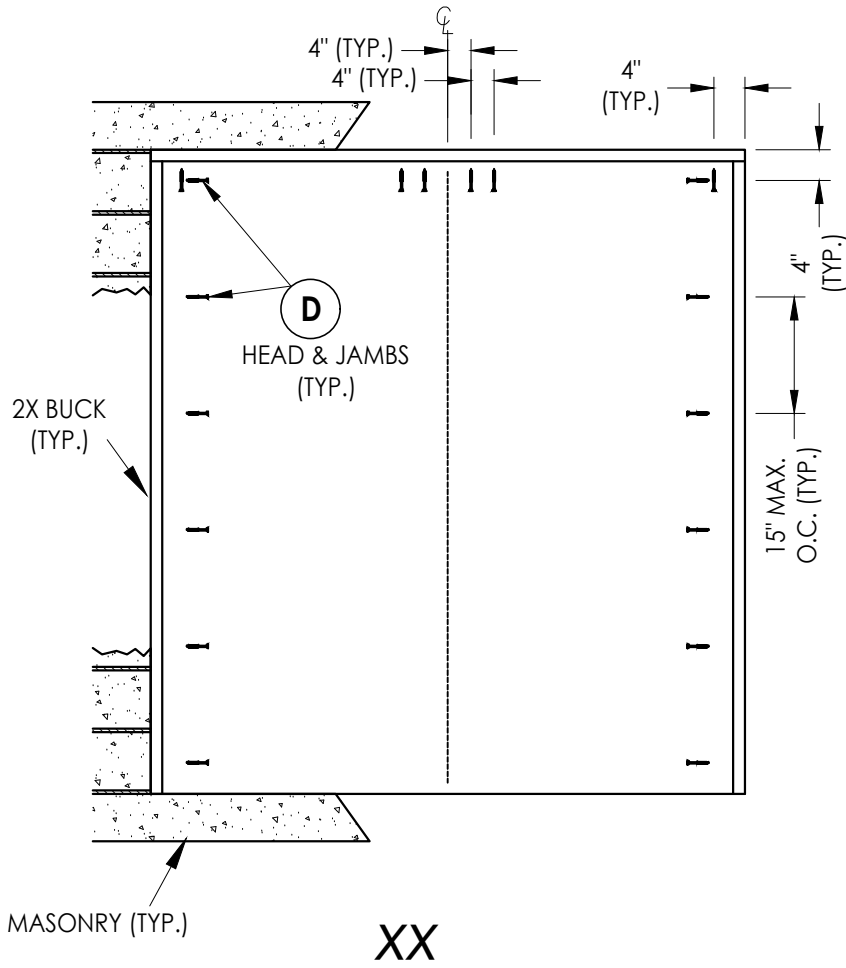
PRODUCT: PLASTPRO INC,
FIBERGLASS DOOR

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)

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

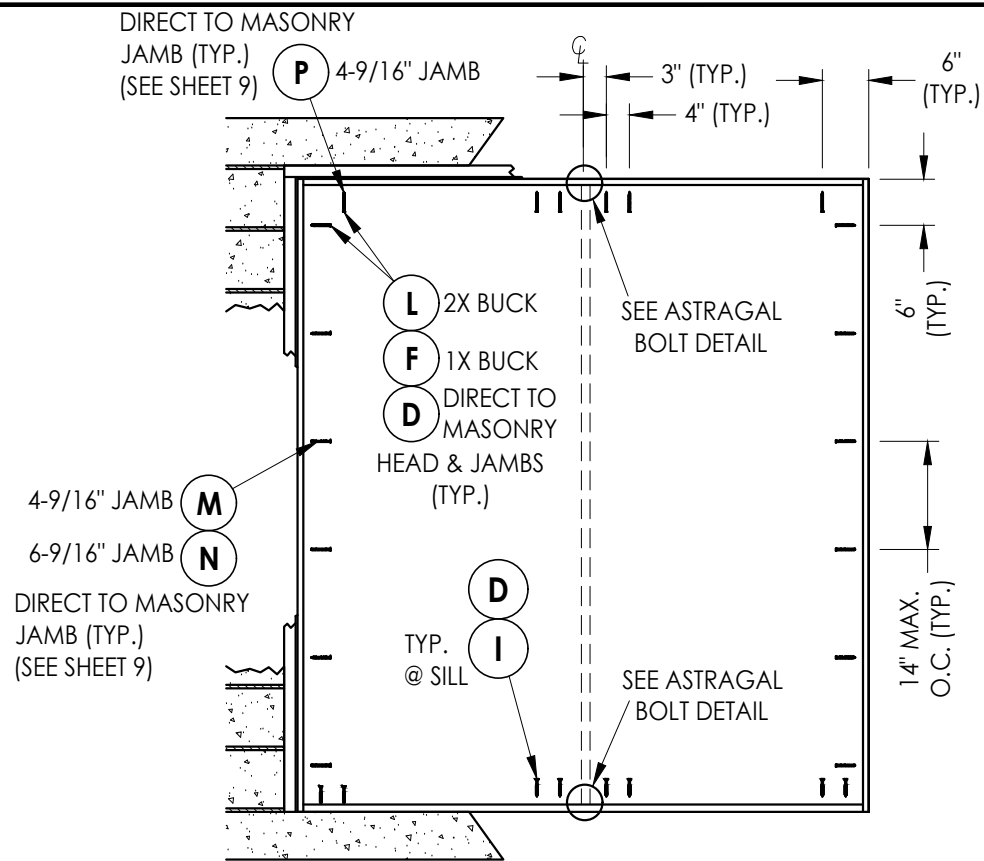
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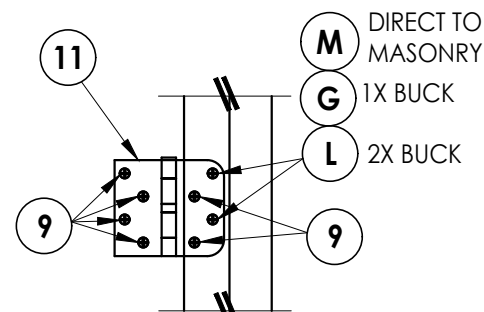
2X BUCK ANCHORING

DATE: 08/09/17		SHEET 10 OF 12		DRAWING NO.: FL-17347.18		CHK. BY: LFS		DWG. BY: JK		SCALE: N.T.S.		PRODUCT: PLASTPRO INC, FIBERGLASS DOOR		PART OR ASSEMBLY: BUCK ANCHORING		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	
2		8/10/23		UPDATE TO 8TH ED. (2023)		FBC		LFS								BUILDING CONSULTANTS, INC.	
1		8/05/20		UPDATE TO 7th ED. (2020)		FBC		DAC								P.O. Box 230, Valrico, FL 33595	
NO.		DATE						BY								Phone No.: 813.659.9197	
																FBPE Registry No. 9813	

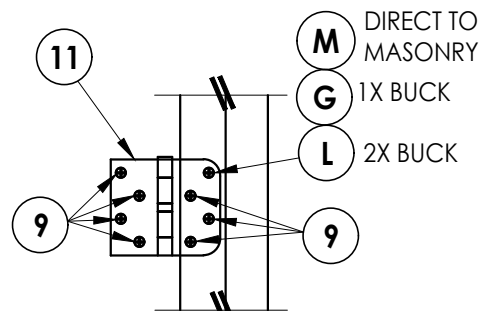
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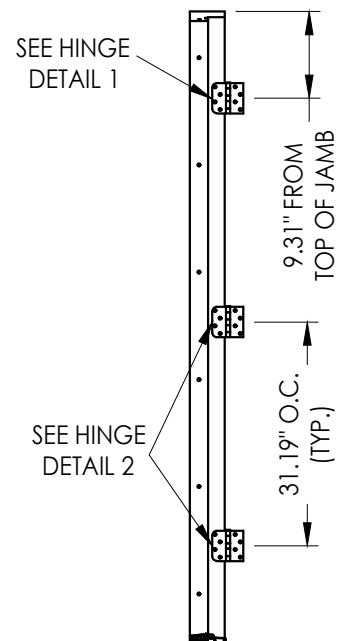
XX



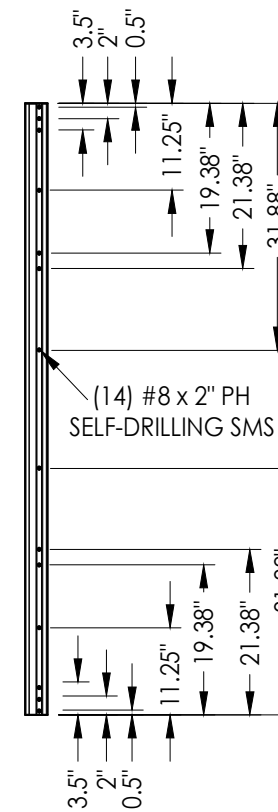
HINGE DETAIL 1



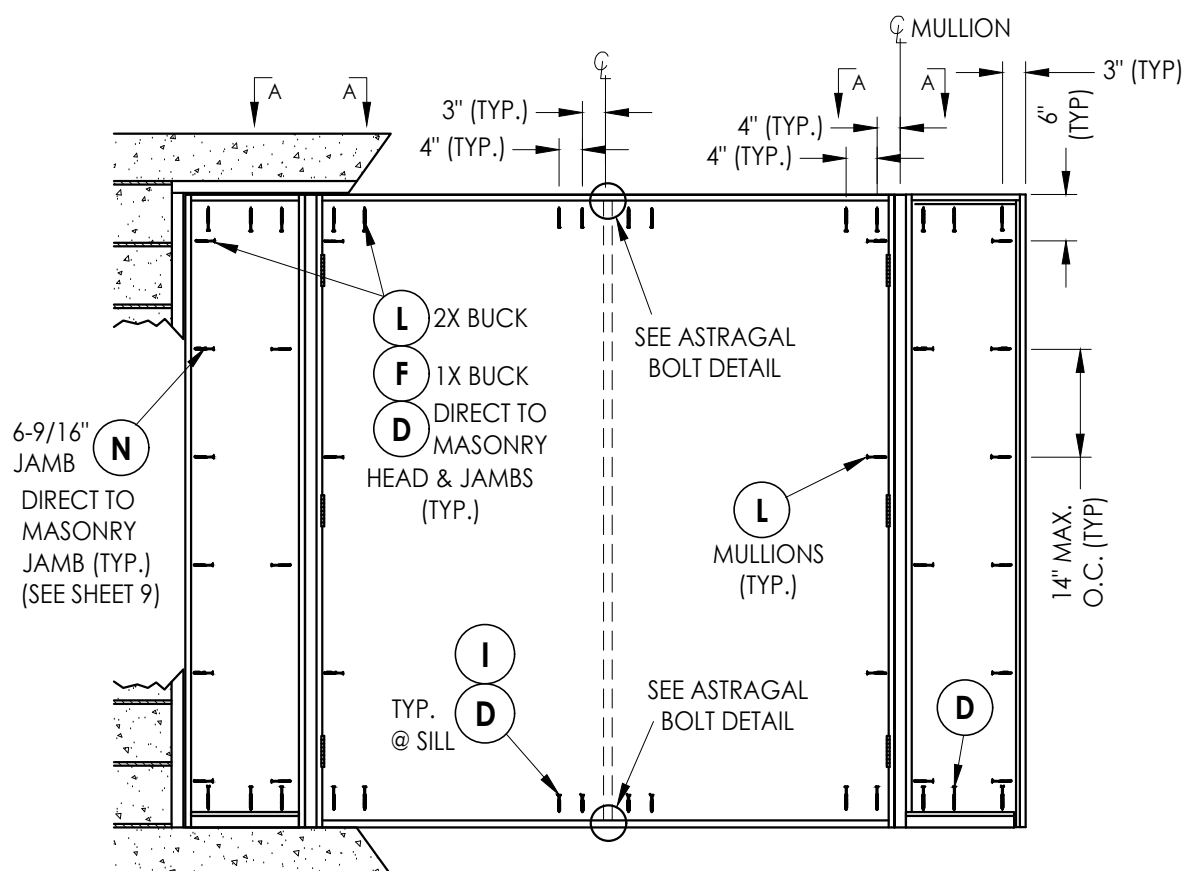
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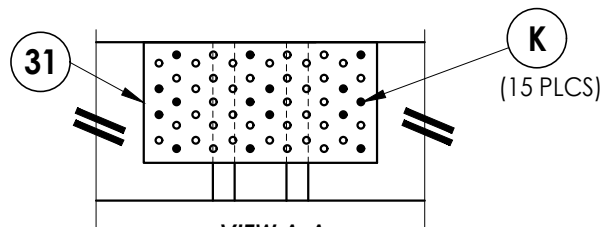
HINGE JAMB



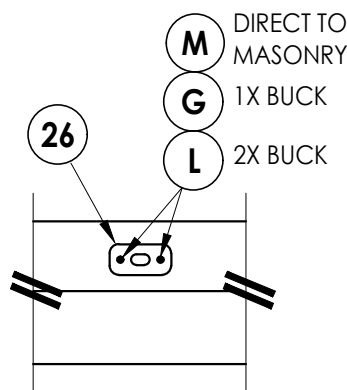
ASTRAGAL SCREW LOCATIONS



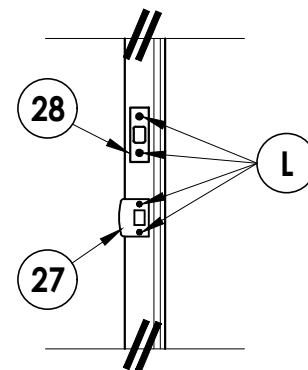
OX XO
FRAME ANCHORING



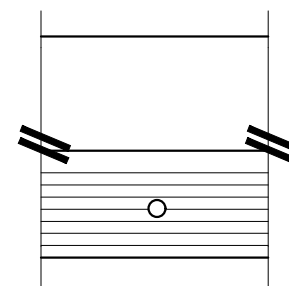
VIEW A-A



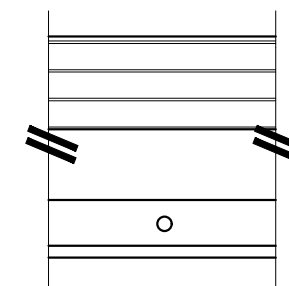
ASTRAGAL BOLT DETAIL
Strike Plate @ Head



LATCH & DEADBOLT DETAIL



ASTRAGAL BOLT DETAIL
Outswing Threshold



ASTRAGAL BOLT DETAIL
Inswing Threshold

HARDWARE DETAILS

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

PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

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

PART OR ASSEMBLY:
FRAME ANCHORING

NO.	DATE	REVISIONS
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 11 OF 12

Z:\2023 FBC Drawings\Plastpro\FL-17347 R6\FL-17347.17-18.dwg

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

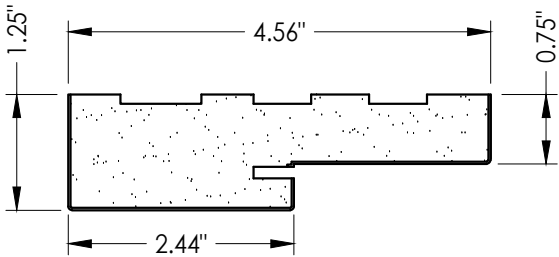
CONCRETE ANCHOR NOTES:

- 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:

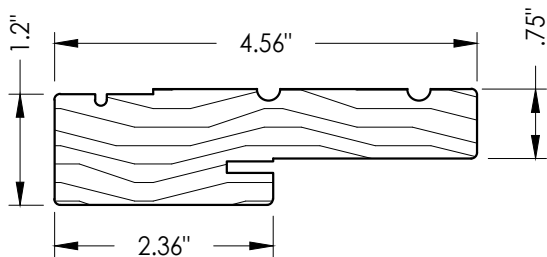
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW BUILDDEX TAPCON®	3/16"	1-1/4"	3"	1-1/2"
	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

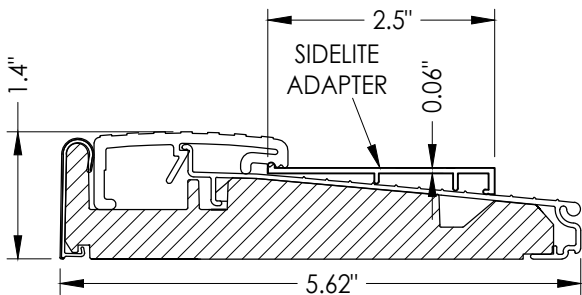
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



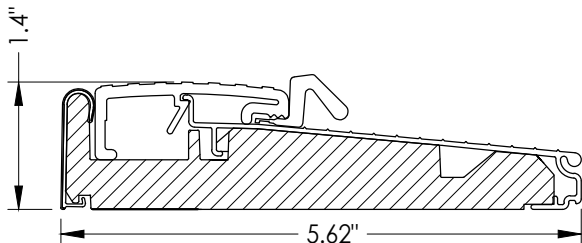
1 HEAD & SIDE
Poly fiber jamb



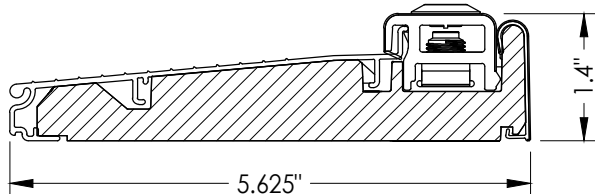
2 WOOD JAMB



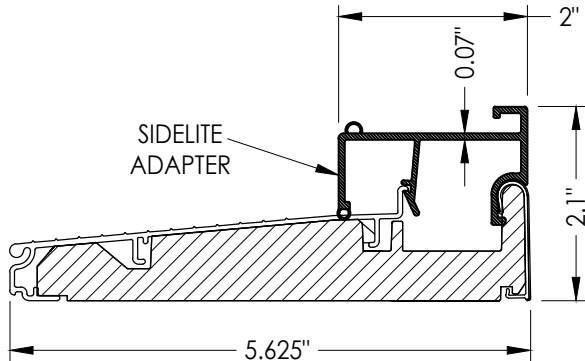
45 OUTSWING THRESHOLD w/ SIDELITE ADAPTER
By Endura



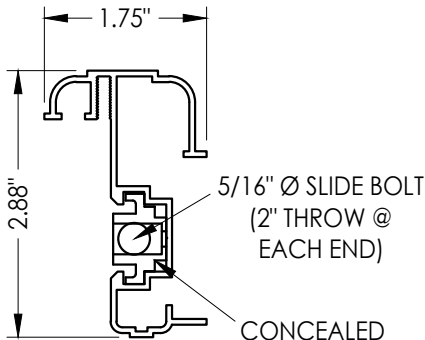
43 OUTSWING THRESHOLD
By Endura



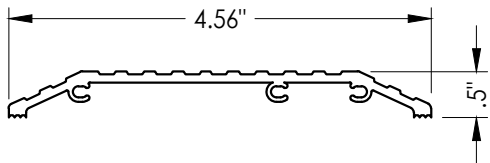
44 INSWING THRESHOLD
By Endura



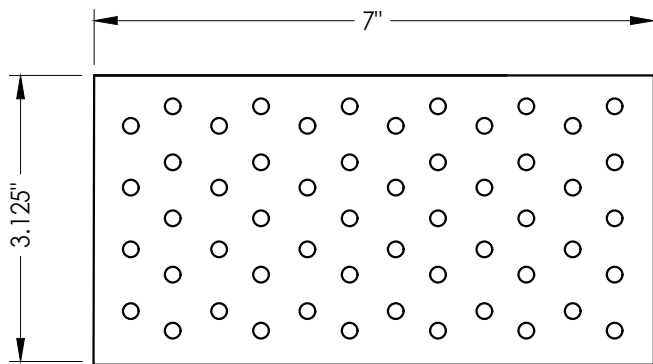
42 INSWING THRESHOLD w/ SIDELITE ADAPTER
By Endura



33 ASTRAGAL
DLP



46 ADA THRESHOLD
DLP



31 TIE PLATE
16 GA.

Documents Prepared By:

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FBPE Registry No. 9813

PRODUCT:

PLASTPRO INC,
FIBERGLASS DOOR

PART OR ASSEMBLY:

BILL OF MATERIALS
AND COMPONENTS

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

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-17347.18

SHEET 12 OF 12