



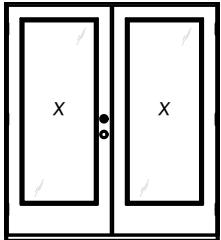
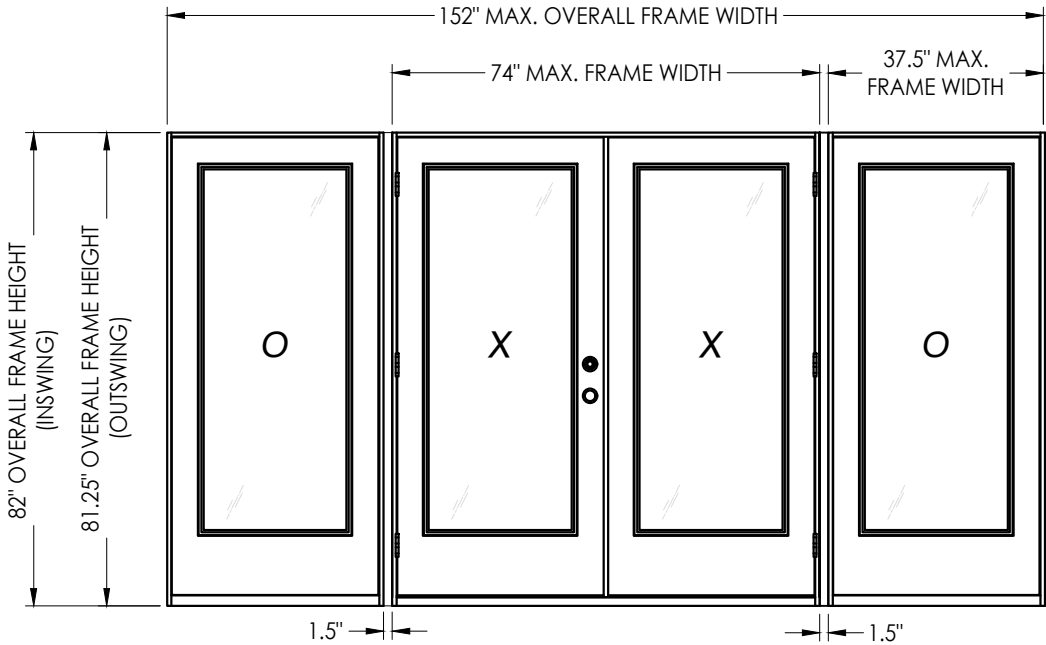
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

DIRECT GLAZED FIBERGLASS DOORS
DOUBLES
w/ or w/out SIDELITES
INSWING / OUTSWING
"NON-IMPACT"

GENERAL NOTES

- 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).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- When used in areas requiring wind borne debris protection, this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
- For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

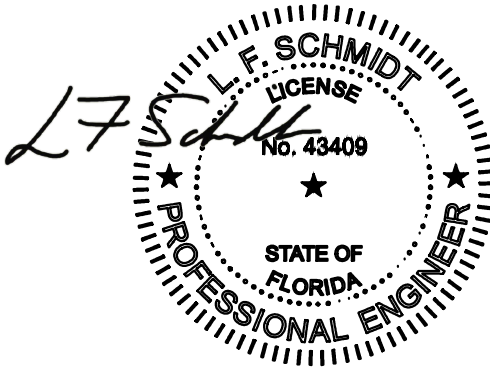
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7	Vertical Cross Sections (Thresholds)
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9	Buck anchoring
10	Frame anchoring & hardware details
11	Bill of materials & components



XX

CONFIGURATION	MAX. FRAME DIMENSION	ASTRAGAL	JAMB MATERIAL	JAMB REINFORCEMENT	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
					POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XX	74.0" x 82.0"	DLP	FJP or PF	N/A	+45.0	-50.0	+45.0	-45.0
OXXO	149.0" x 82.0"	DLP	PF	N/A	+30.0	-40.0	+40.0	-40.0
	149.0" x 82.0"	DLP	FJP	N/A	+40.0	-40.0	+40.0	-40.0
	152.0" x 82.0"	DLP	FJP or PF	2X	+45.0	-50.0	+45.0	-45.0

FJP = FINGER JOINT PINE JAMB
PF = POLY FIBER JAMB



Digitally signed by Lyndon F Schmidt
Date: 2026.08.04 13:59:22 -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

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:
TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

NO.	DATE	REVISIONS
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
2	8/10/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	7/23/20	UPDATE TO 7TH ED (2020) FBC LFS

DATE: 2/11/19

SCALE: N.T.S.

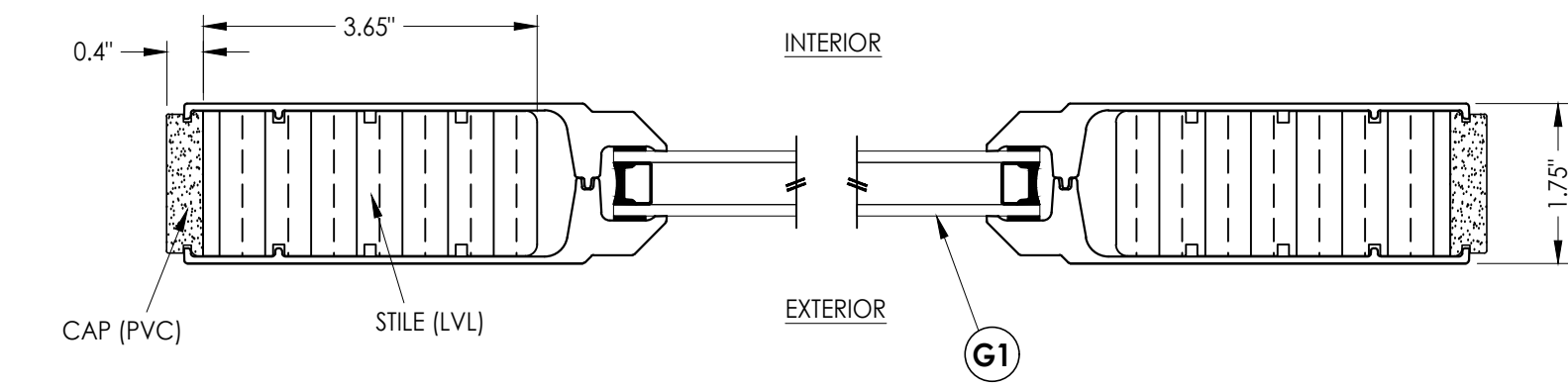
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CHK. BY: LFS

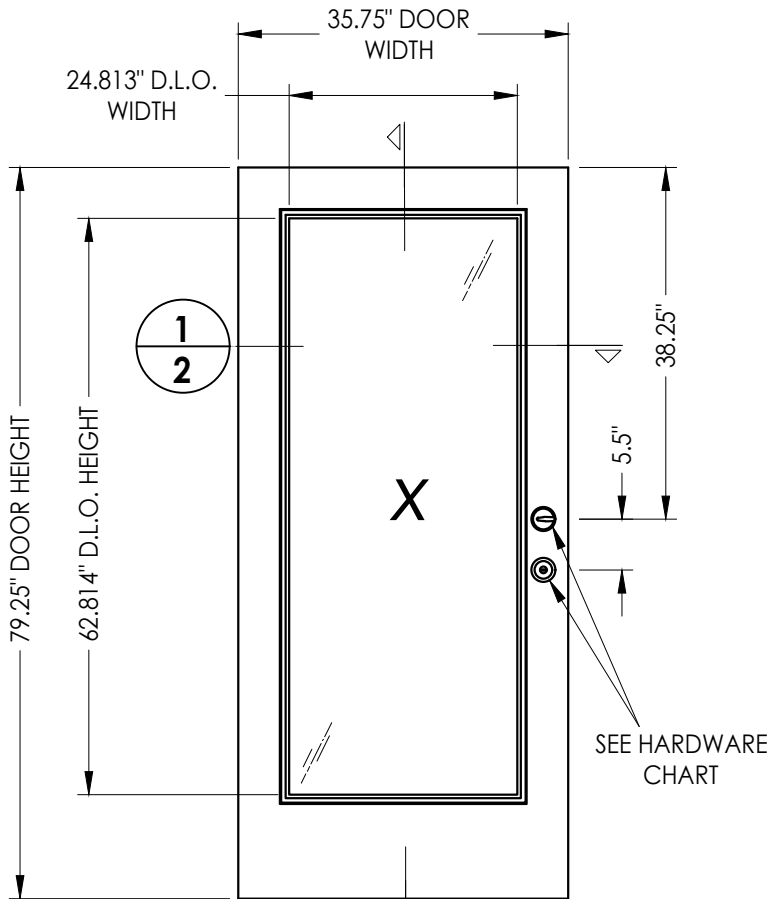
DRAWING NO.:
FL-28685.5

SHEET 1 OF 11

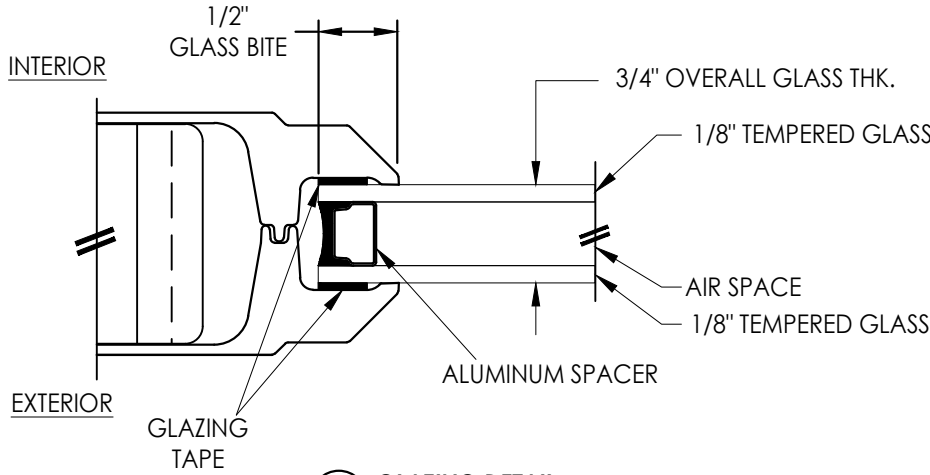
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1
2 HORIZONTAL CROSS SECTION

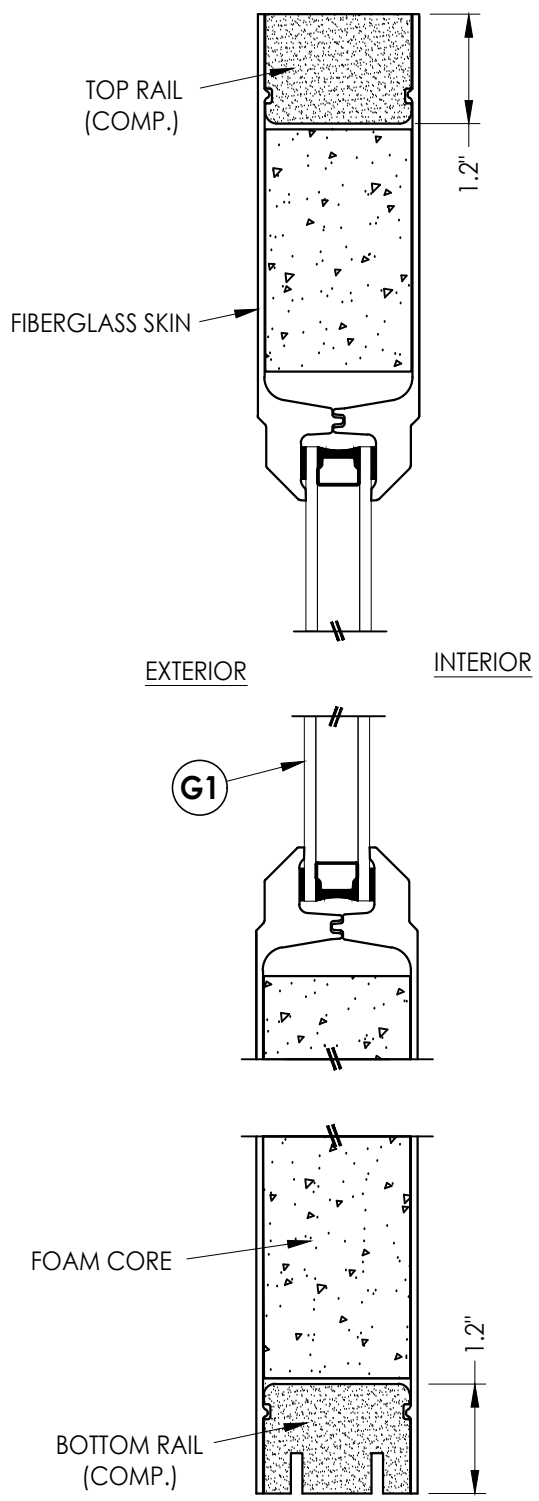


- 40 PLASTPRO DOOR PANEL
50 PLASTPRO SIDELITE PANEL



G1 GLAZING DETAIL

HARDWARE TABLE		
MANUFACTURER	MODEL	
YALE	Knob:	YH COLLECTION
	Deadbolt:	YH COLLECTION
KWIKSET	Knob:	SIGNATURE SERIES
	Deadbolt:	SIGNATURE SERIES (980)
SCHLAGE	Knob:	F-SERIES (F51)
	Deadbolt:	B-SERIES (B60)

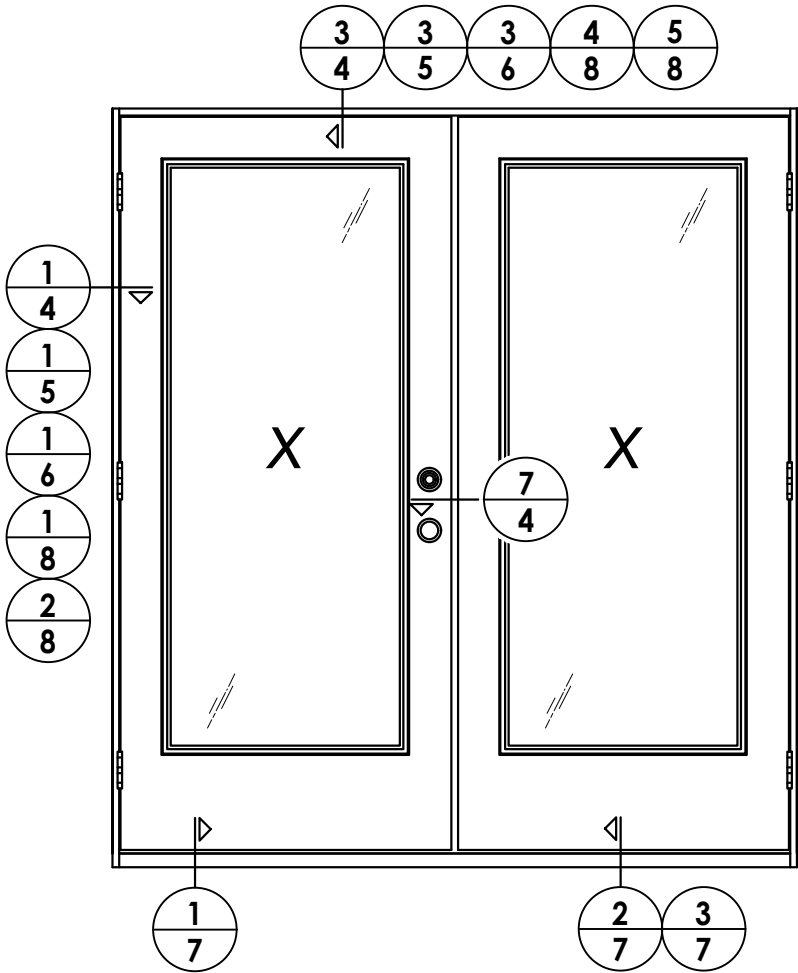


2
2 VERTICAL CROSS SECTION

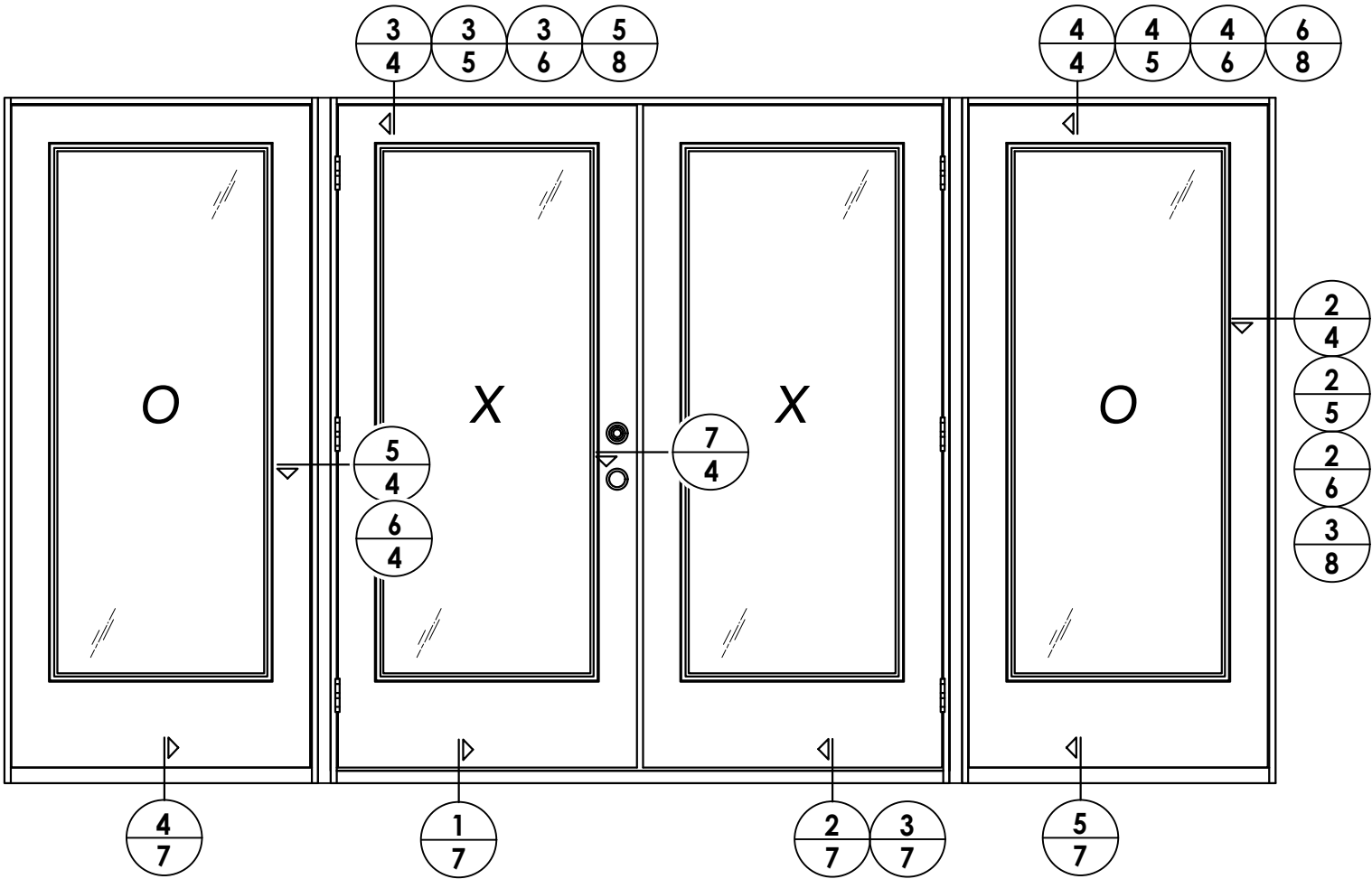
FIBERGLASS SKIN: 0.075" MIN. THK.
FOAM CORE: XPS FOAM (1.3 PCF MIN. DENSITY)

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: DOOR & SIDELITE PANEL DETAILS	
		LFS	
		LFS	
		LFS	
		BY	
REVISIONS			
3	7/01/26	UPDATE TO 9TH ED. (2026)	FBC
2	8/10/23	UPDATE TO 8TH ED. (2023)	FBC
1	7/23/20	UPDATE TO 7TH ED (2020)	FBC
NO.	DATE		
DATE: 2/11/19			
SCALE: N.T.S.			
DWG. BY: MT			
CHK. BY: LFS			
DRAWING NO.: FL-28685.5			
SHEET 2 OF 11			

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ELEVATION
XX



ELEVATION
OXXO

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1	7/23/20	UPDATE TO 7TH ED (2020) FBC	LFS

DATE: 2/11/19

SCALE: N.T.S.

DWG. BY: MT

CHK. BY: LFS

DRAWING NO.: FL-28685.5

SHEET 3 OF 11

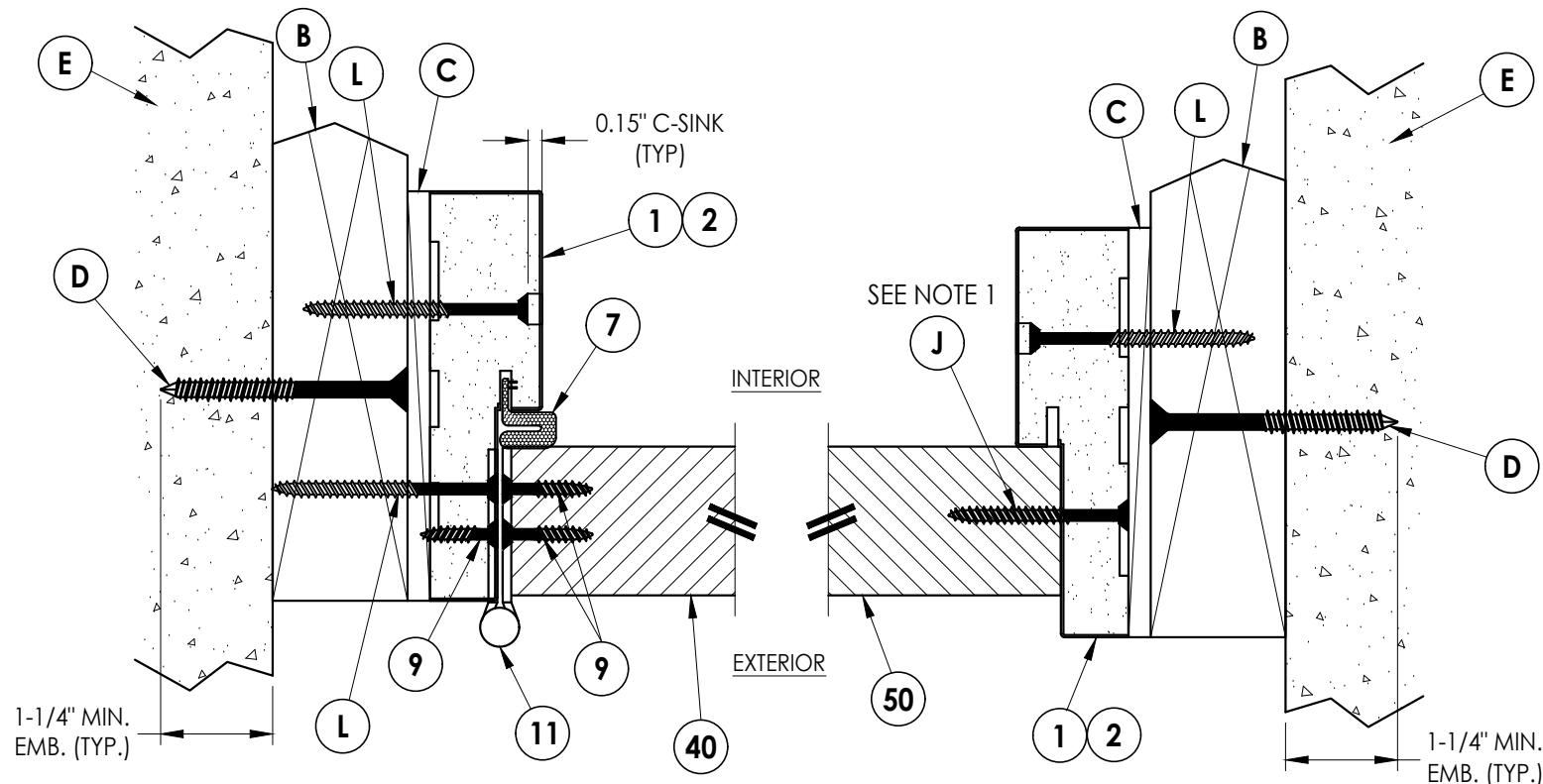
PRODUCT: PLASTPRO INC. FIBERGLASS DOOR

PART OR ASSEMBLY: ELEVATIONS

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Lyndon F. Schmidt
P.E. No. 43409

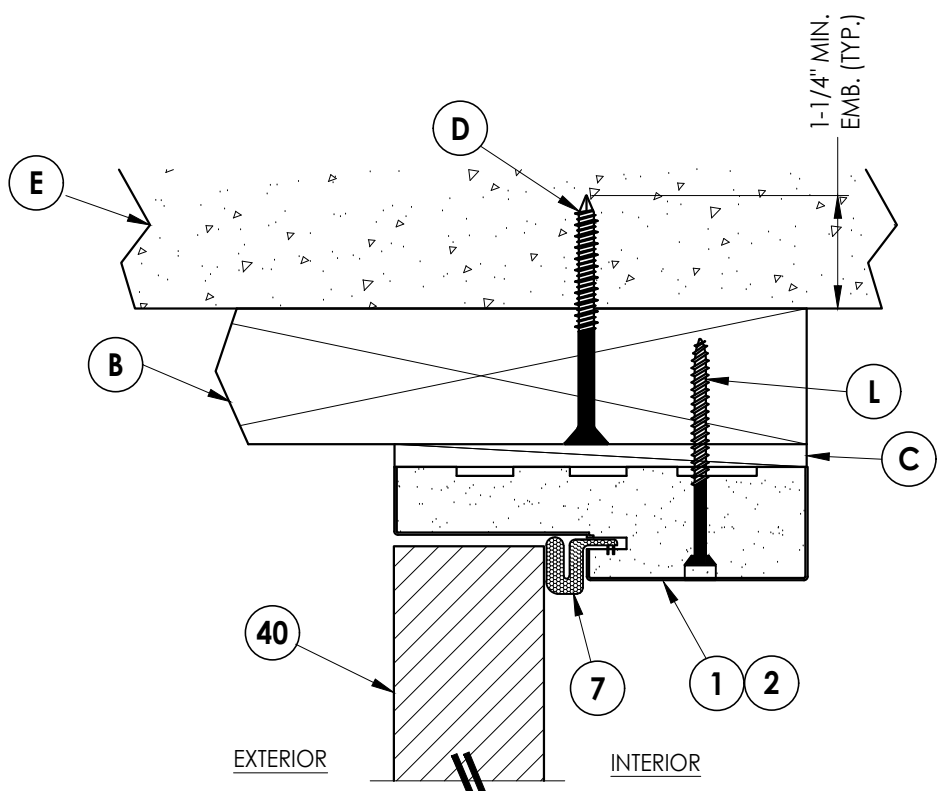
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Vairico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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1
4 HORIZONTAL CROSS SECTION
Outswing shown (Inswing similar)

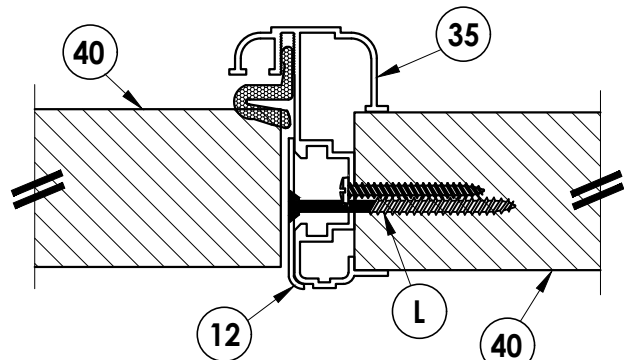
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4 HORIZONTAL CROSS SECTION
Outswing shown (Inswing similar)



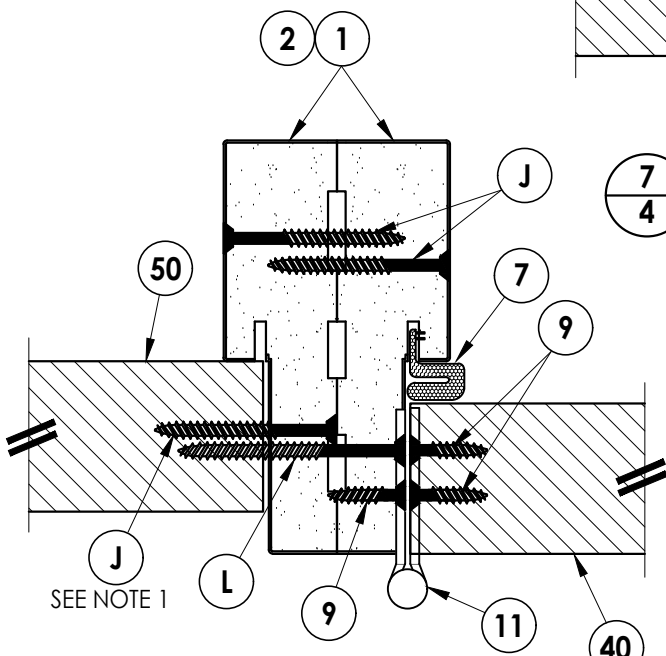
3
4 VERTICAL CROSS SECTION
Outswing shown (Inswing similar)

NOTES:

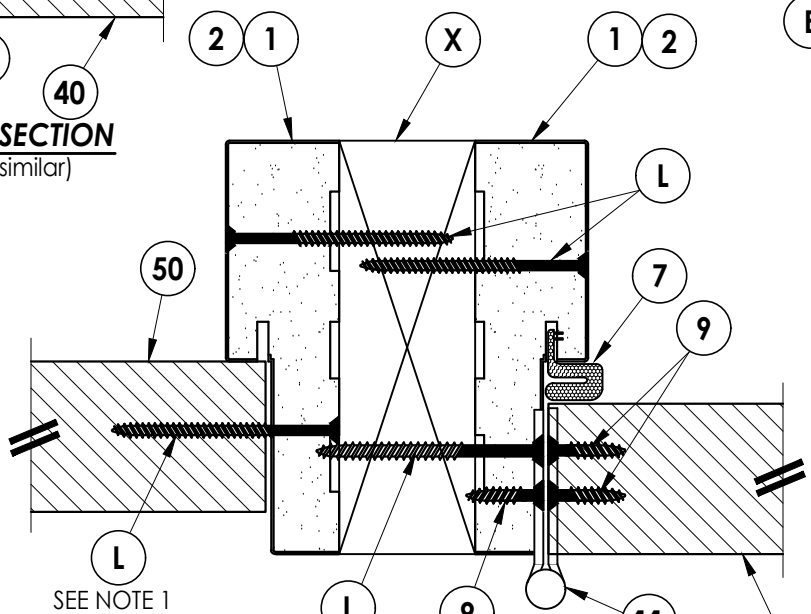
1. Spacing for item J: 6" from each end and 5 more equally spaced along sidelite jamb (7 total).
2. Spacing for item J @ head & sill: 6" from ends (2 total).



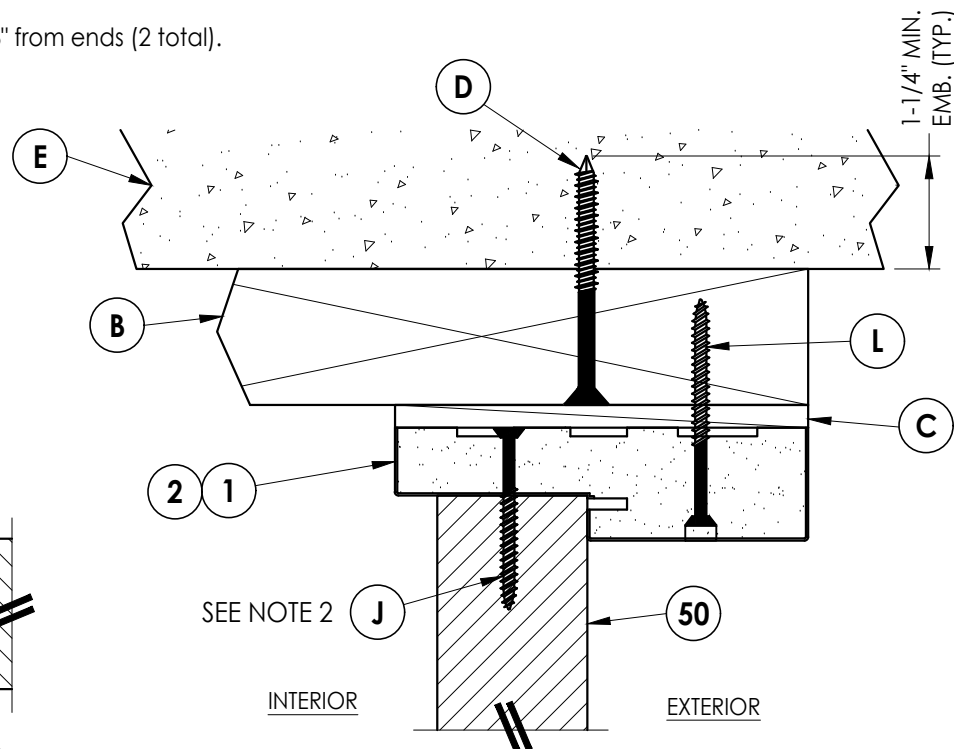
7
4 HORIZONTAL CROSS SECTION
Outswing shown (Inswing similar)



5
4 HORIZONTAL CROSS SECTION
Outswing shown (Inswing similar)



6
4 HORIZONTAL CROSS SECTION
Outswing shown (Inswing similar)



4
4 VERTICAL CROSS SECTION
Outswing shown (Inswing similar)

Documents Prepared By:
Lyndon F. Schmidt
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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 (2X BUCK)

NO.	DATE	REVISIONS
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
2	8/10/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	7/23/20	UPDATE TO 7TH ED (2020) FBC LFS

DATE: 2/11/19

SCALE: N.T.S.

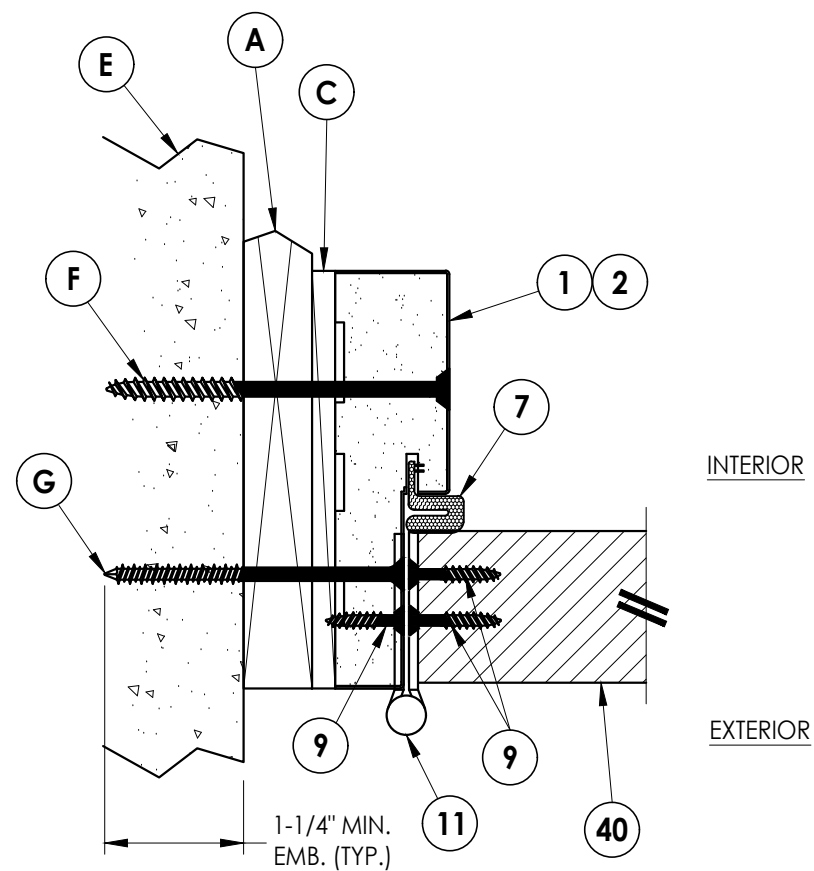
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CHK. BY: LFS

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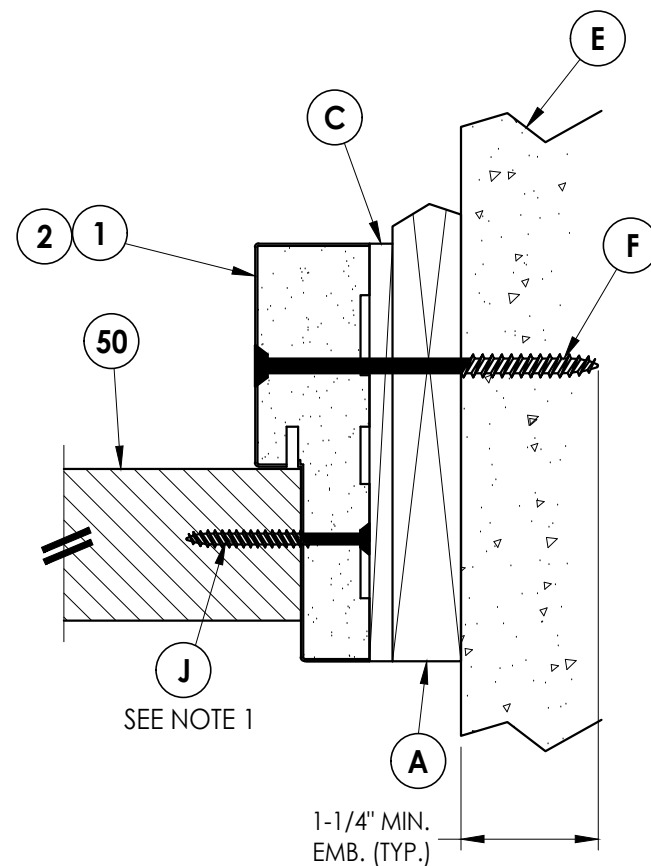
FL-28685.5

SHEET 4 OF 11



1 5 **HORIZONTAL CROSS SECTION**

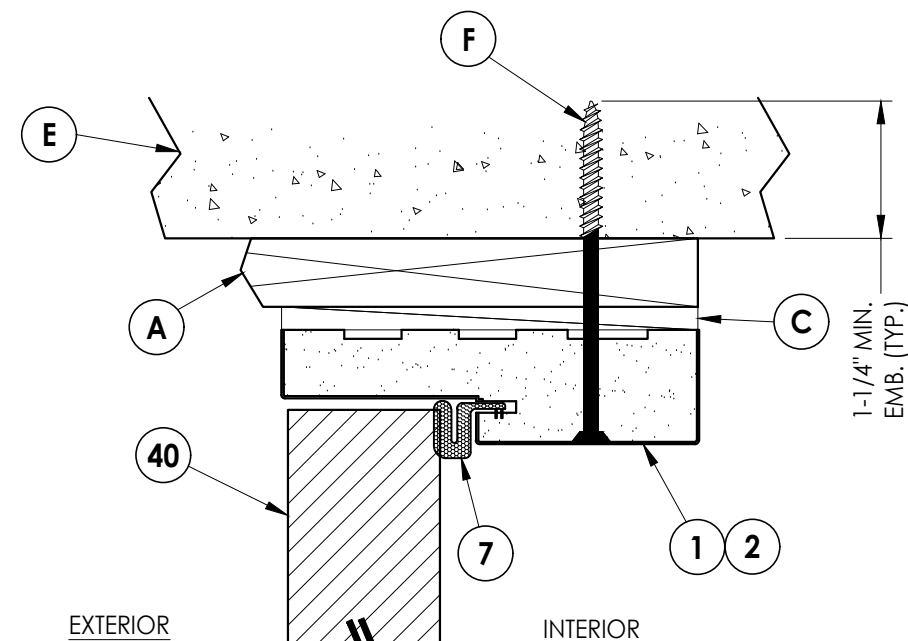
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



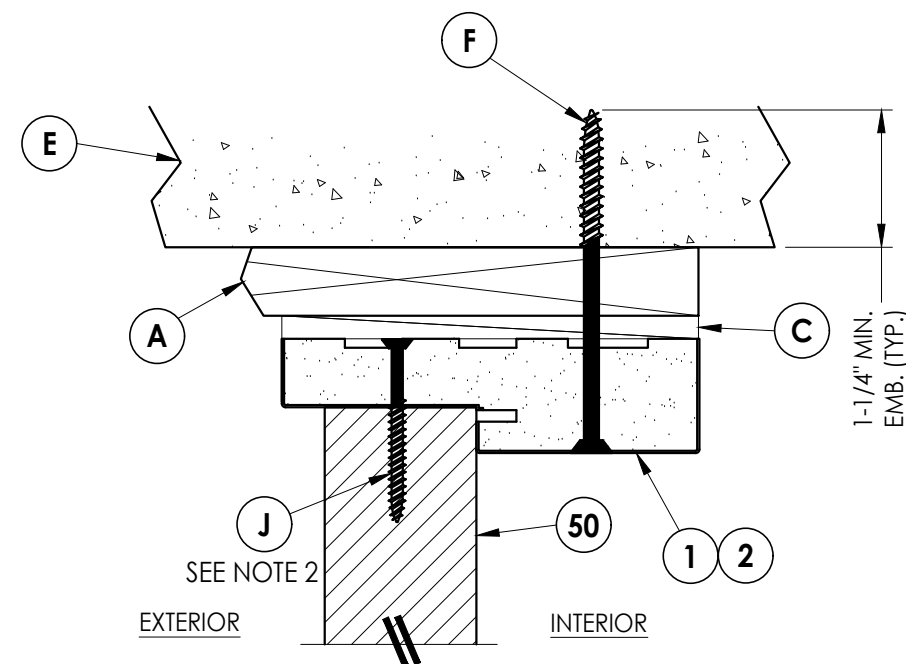
2 **HORIZONTAL CROSS SECTION**
5 Shown w/ 1X sub-buck
 Outswing shown (Inswing similar)

NOTES:

1. Spacing for item J: 6" from each end and 5 more equally spaced along sidelite jamb (7 total).
2. Spacing for item J @ head & sill: 6" from ends (2 total).



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



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

[illegible]

DATE: 2/11/19

SCALE: *N.T.S.*

DWG. BY: MT

CHK. BY: *LFS*

DRAWING NO.:

FL-28685.5

SHEET 5 OF 11

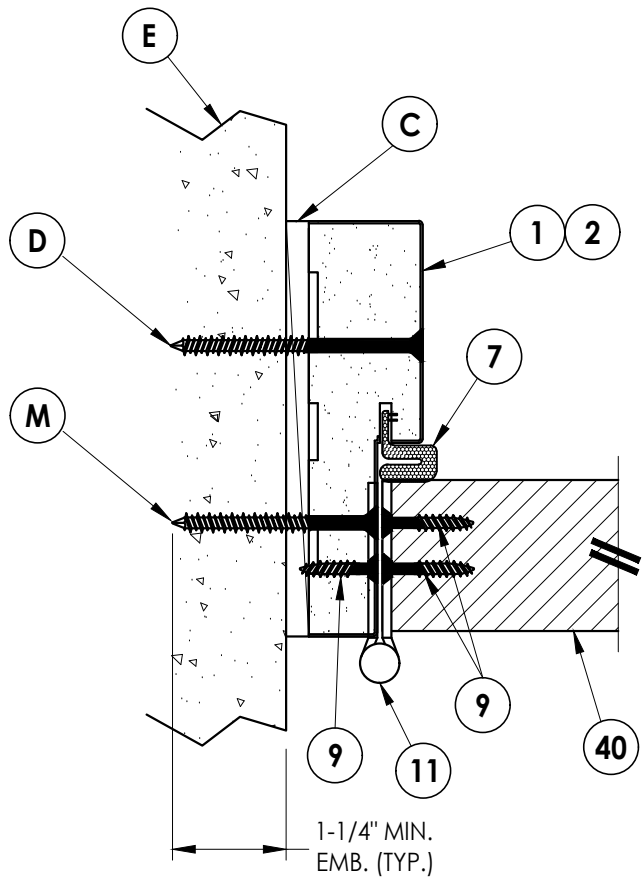
SHEET 5 OF 11

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

BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33487
813-570-0107

PART OR ASSEMBLY:

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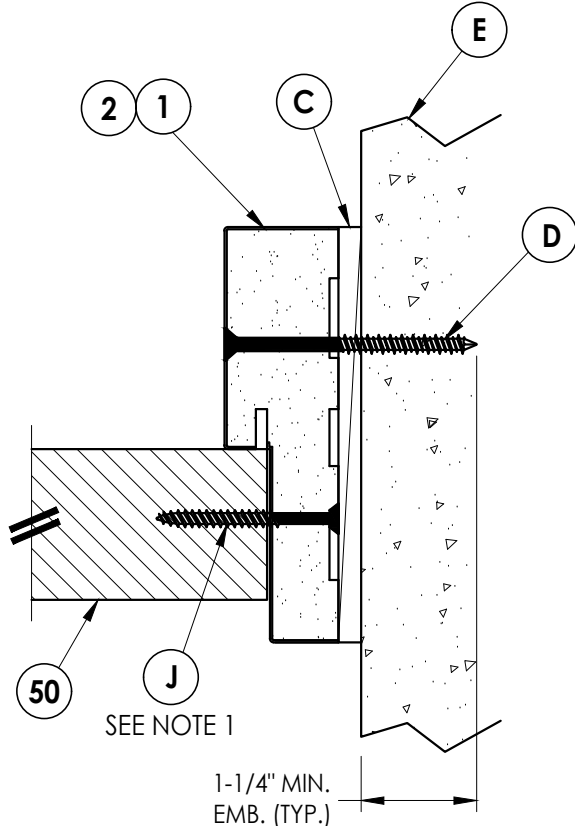


1
6 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)

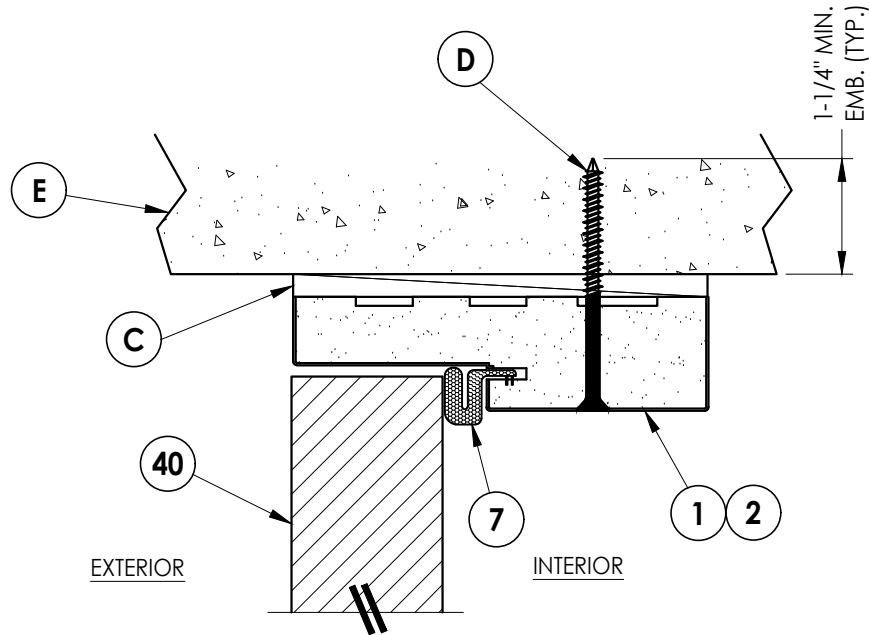
- NOTES:
1. Spacing for item J: 6" from each end and 5 more equally spaced along sidelite jamb (7 total).
 2. Spacing for item J @ head & sill: 6" from ends (2 total).

INTERIOR

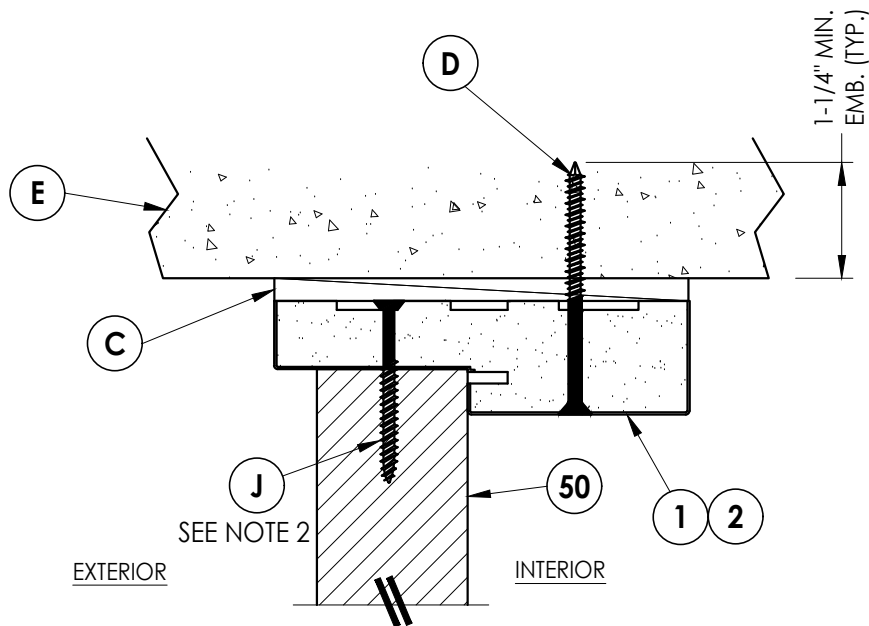
EXTERIOR



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



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



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

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

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

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

NO.	DATE	REVISIONS
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
2	8/10/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	7/23/20	UPDATE TO 7TH ED. (2020) FBC LFS

DATE: 2/11/19

SCALE: N.T.S.

DWG. BY: MT

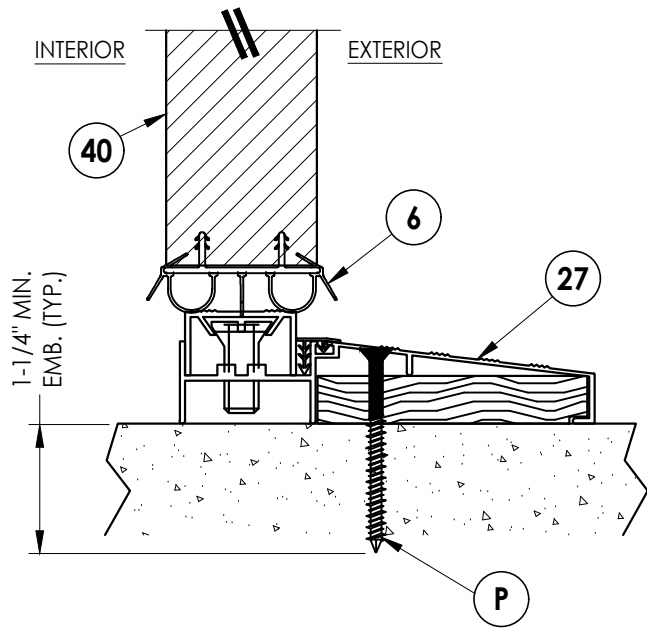
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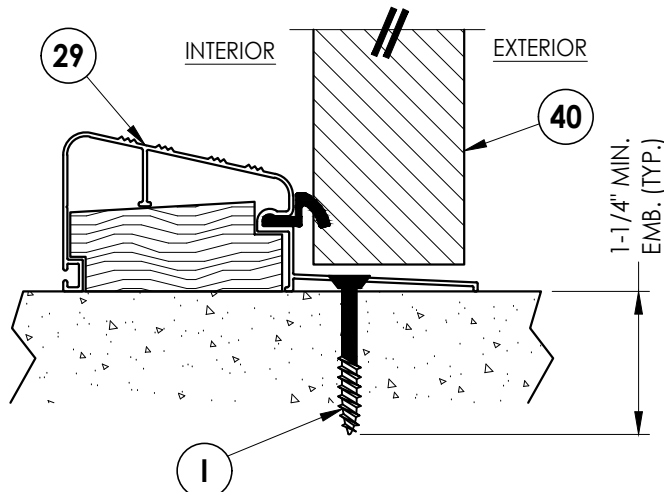
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SHEET 6 OF 11

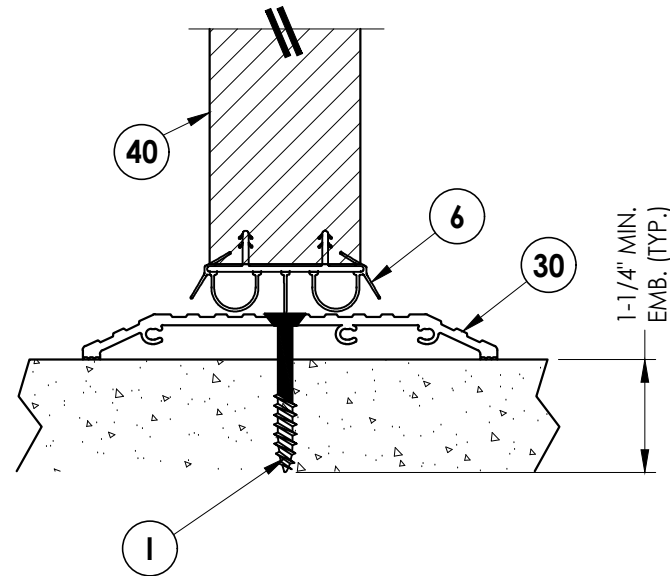
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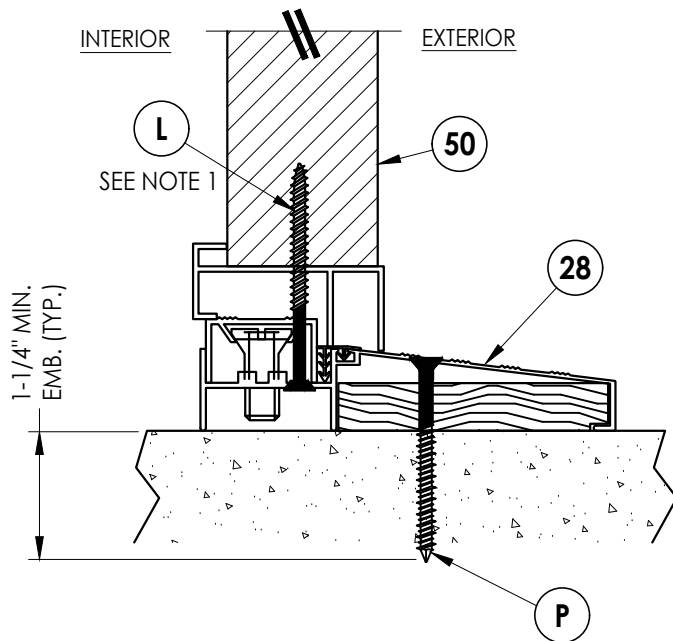
1
7 **VERTICAL CROSS SECTION**
Inswing sill



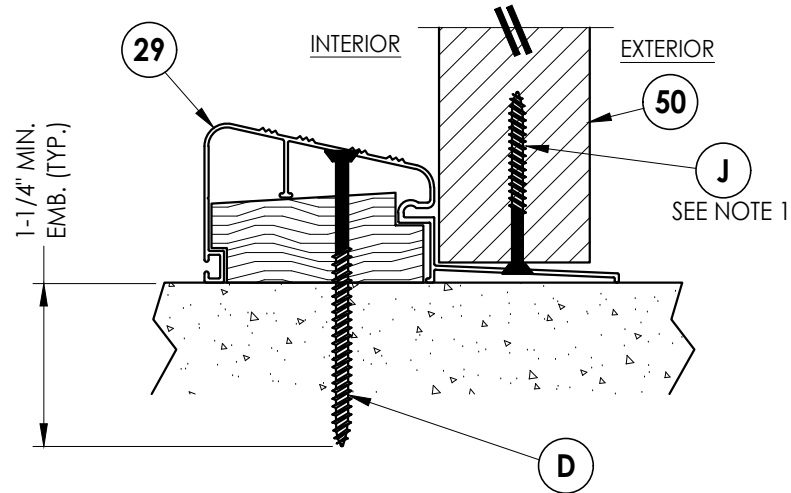
2
7 **VERTICAL CROSS SECTION**
Outswing sill



3
7 **VERTICAL CROSS SECTION**
ADA Sill



4
7 **VERTICAL CROSS SECTION**
Inswing sill



5
7 **VERTICAL CROSS SECTION**
Outswing sill

NOTE:
1. Spacing for item J & L @ head & sill: 6" from each end (2 total).

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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:
VERTICAL CROSS
SECTIONS (THRESHOLDS)

NO.	DATE	REVISIONS
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
2	8/10/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	7/23/20	UPDATE TO 7TH ED (2020) FBC LFS

DATE: 2/11/19

SCALE: N.T.S.

DWG. BY: MT

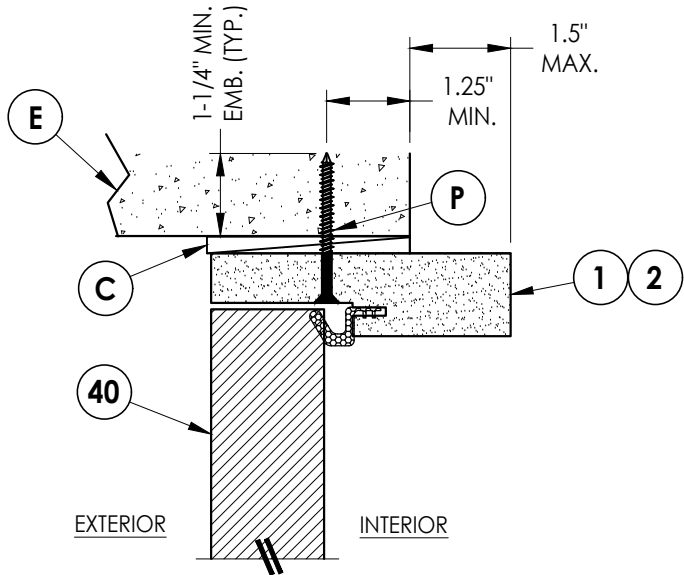
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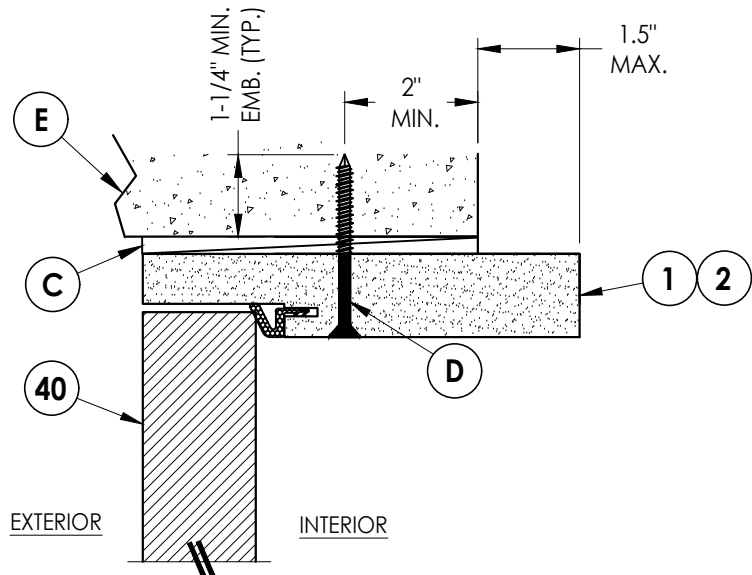
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SHEET 7 OF 11

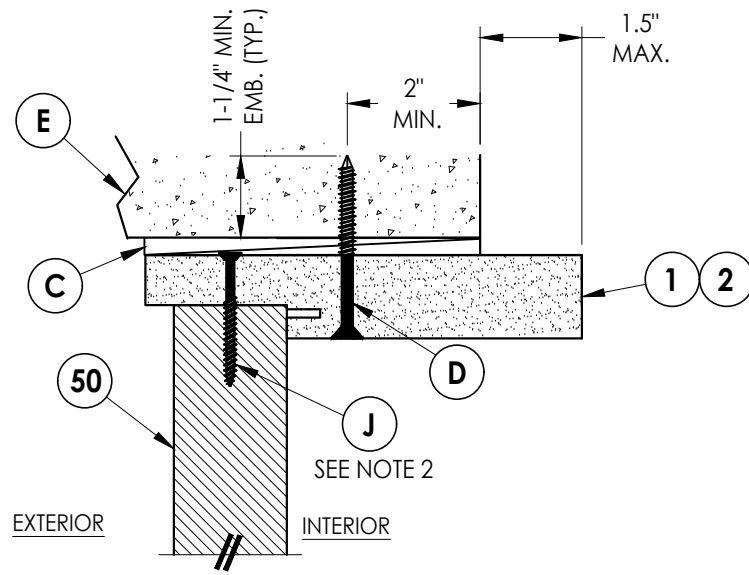
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4
8 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb
Double Door Only (N/A w/ Sidelites)

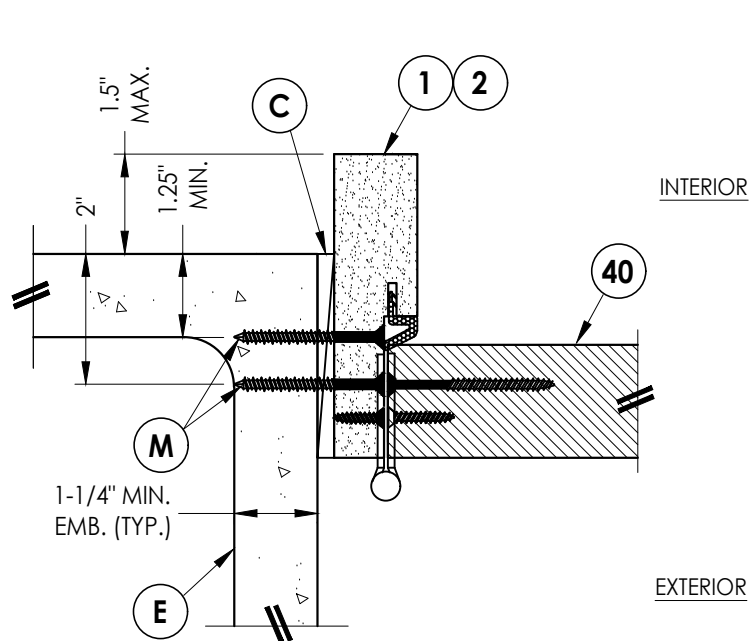


5
8 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

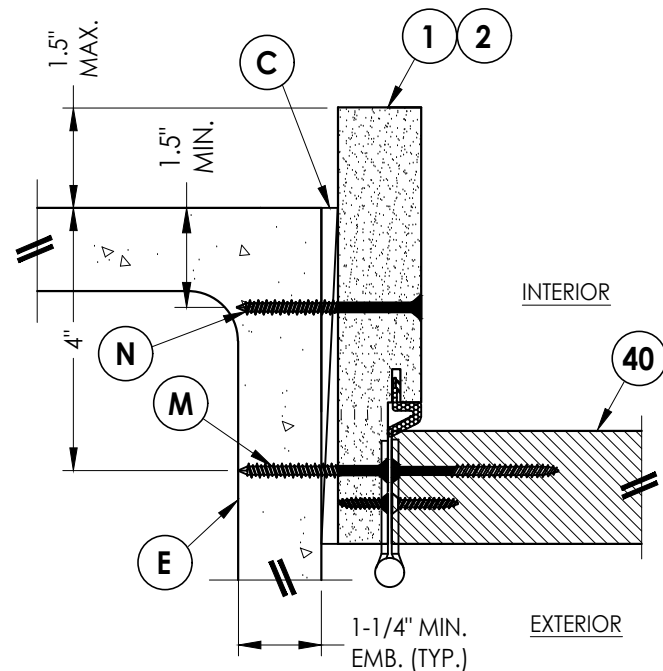


6
8 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

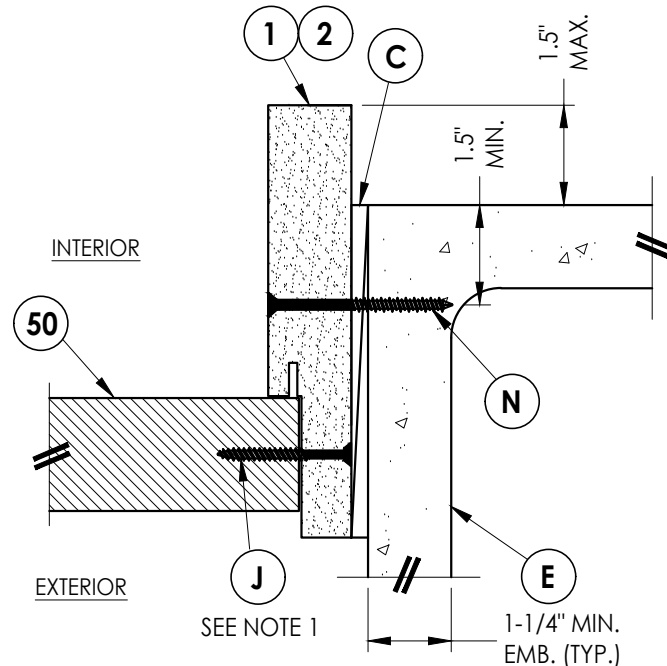
- NOTES:
- Spacing for item J: 6" from each end and 5 more equally spaced along sidelite jamb (7 total).
 - Spacing for item J @ head & sill: 6" from ends (2 total).



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



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



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

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 SECTIONS (DIRECT TO MASONRY)**

NO.	DATE	REVISIONS	BY
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC	LFS
2	8/10/23	UPDATE TO 8TH ED. (2023) FBC	LFS
1	7/23/20	UPDATE TO 7TH ED. (2020) FBC	LFS

DATE: 2/11/19

SCALE: N.T.S.

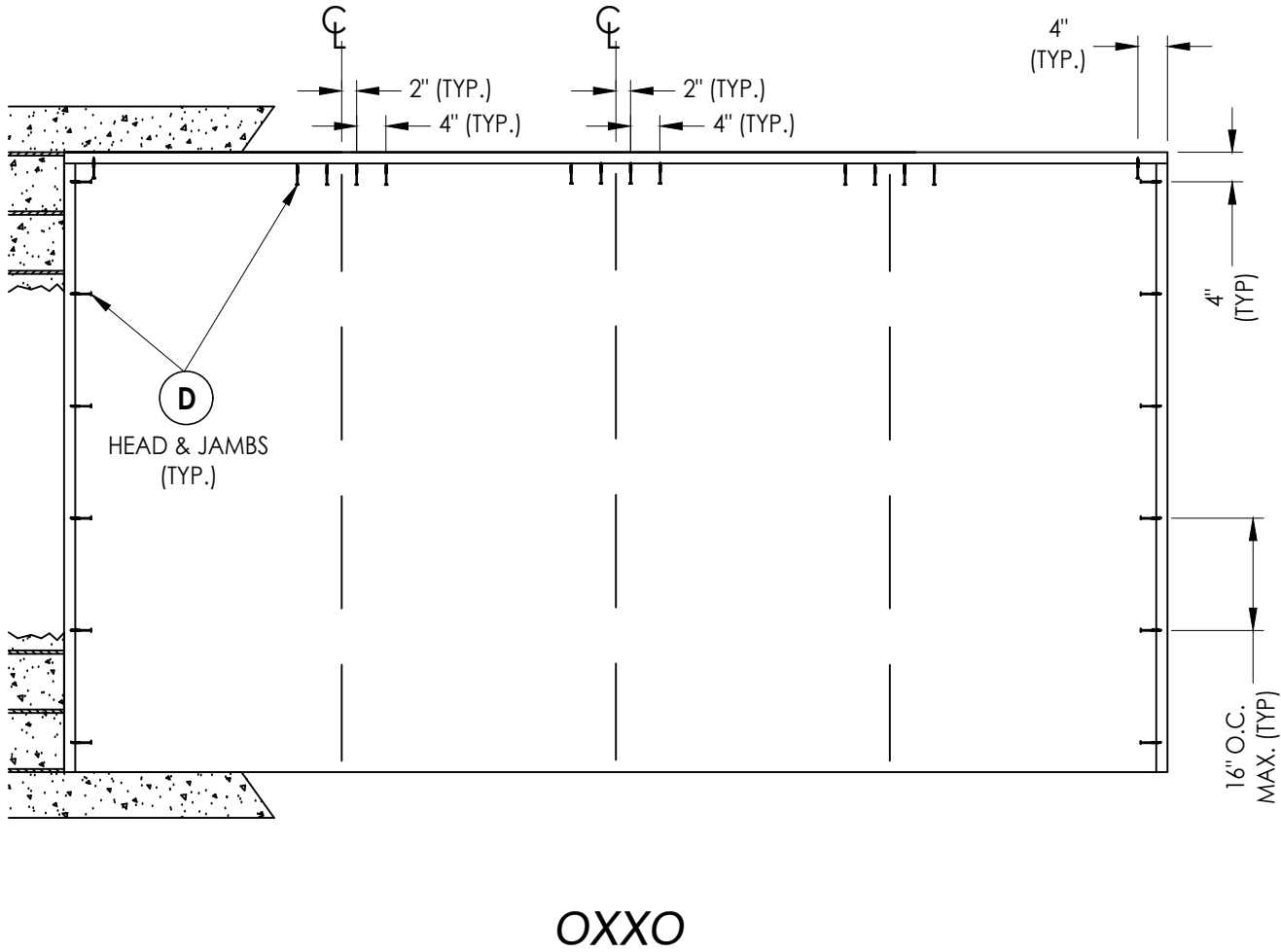
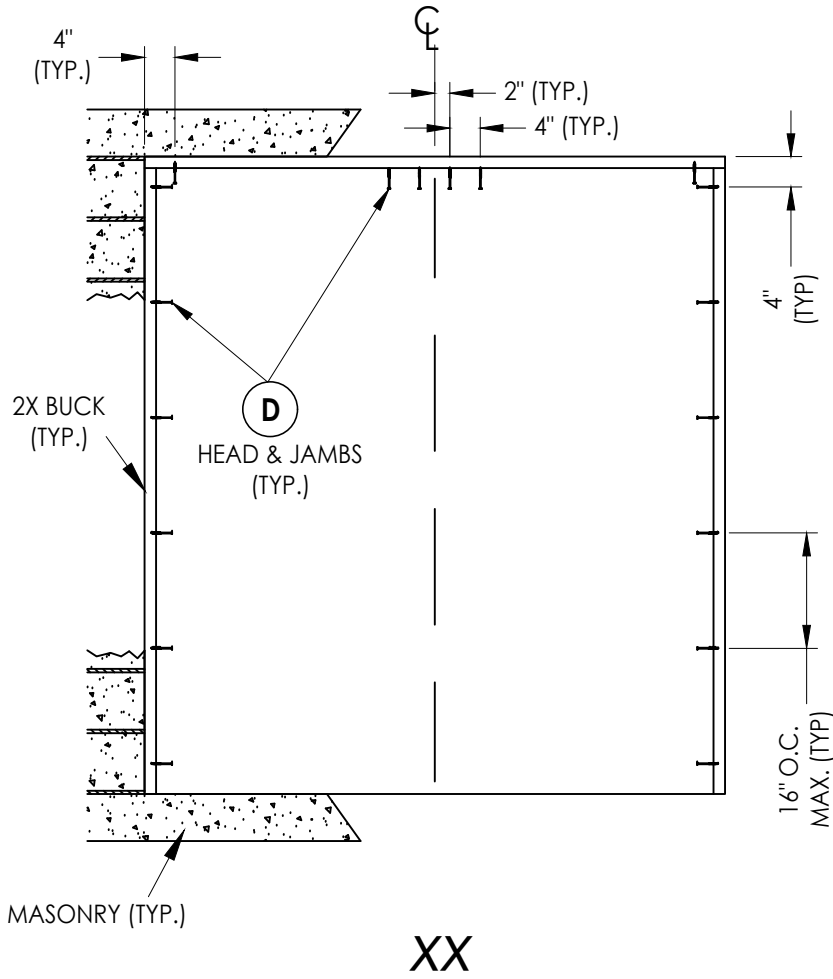
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DRAWING NO.:
FL-28685.5

SHEET 8 OF 11

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2X BUCK ANCHORING

DATE: 2/11/19

SCALE: N.T.S.

DWG. BY: MT

CHK. BY: LFS

DRAWING NO.:
FL-28685.5

SHEET 9 OF 11

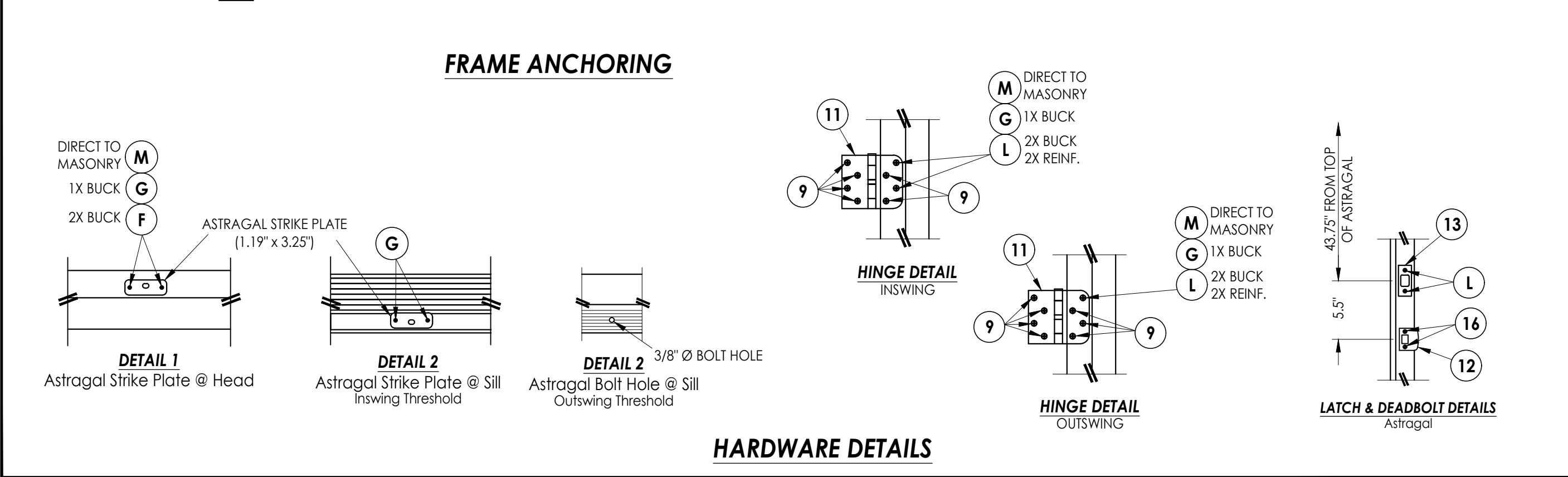
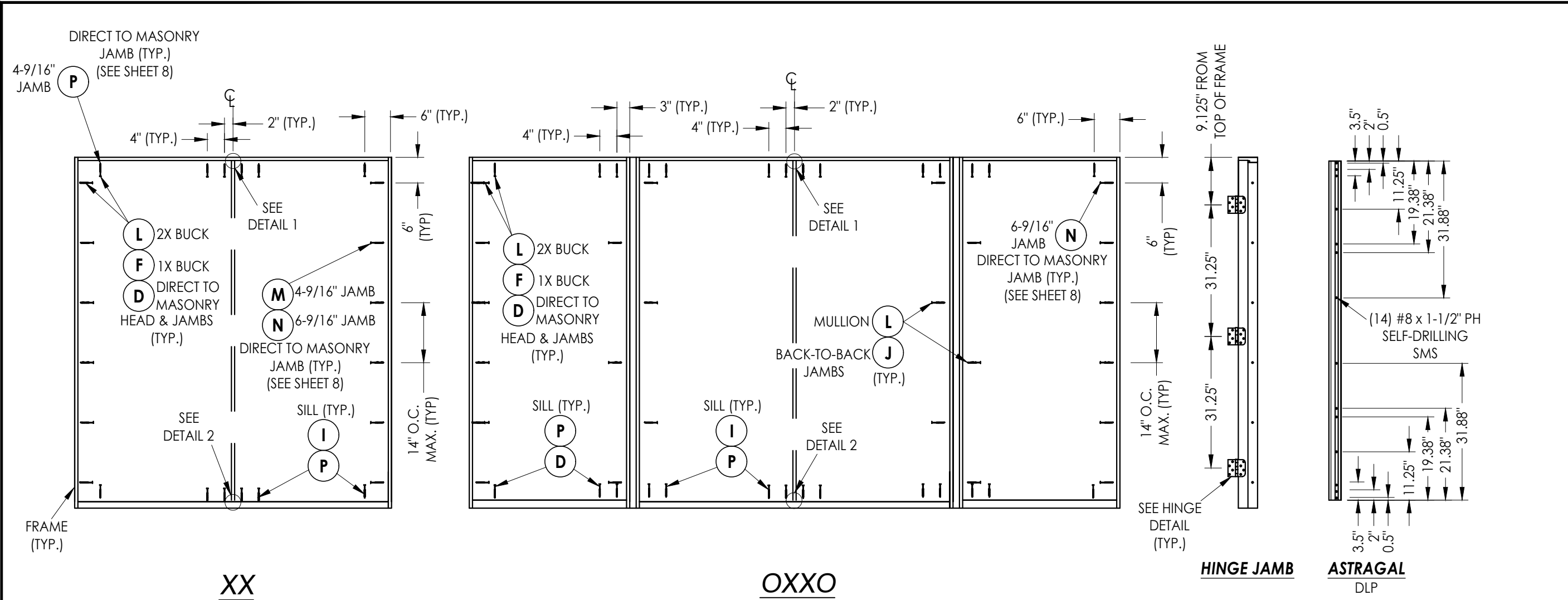
NO.	DATE	REVISIONS
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
2	8/10/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	7/23/20	UPDATE TO 7TH ED. (2020) FBC LFS

PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY:	BUCK ANCHORING

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

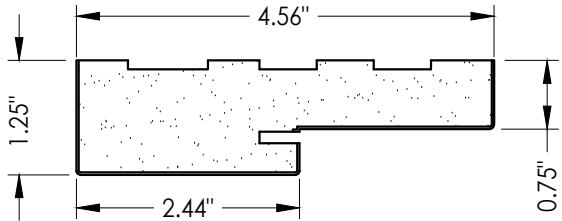
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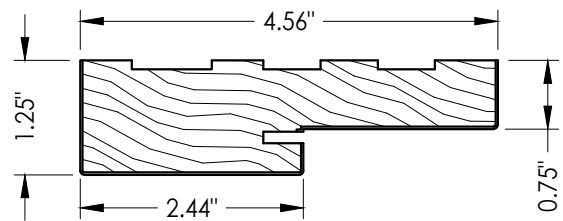
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PRODUCT: PLASTPRO INC. FIBERGLASS DOOR		PART OR ASSEMBLY: FRAME ANCHORING & HARDWARE DETAILS	
		LFS	BY
		FBC	
	7/01/26	UPDATE TO 9TH ED. (2026)	
	8/10/23	UPDATE TO 8TH ED. (2023)	
	7/23/20	UPDATE TO 7TH ED. (2020)	
	NO.	DATE	
REVISIONS			
DATE: 2/11/19			
SCALE: N.T.S.			
DWG. BY: MT			
CHK. BY: LFS			
DRAWING NO.: FL-28685.5			
SHEET 10 OF 11			

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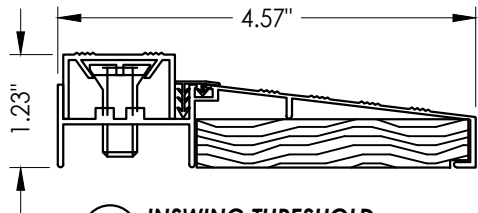
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.42)	WOOD
B	2X BUCK (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	1/4" X 3-3/4" 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
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 JOINT PINE JAMB	WOOD
6	DOOR SWEEP	PVC
7	WEATHERSTRIP	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
16	#8 X 2-1/2" PFH WOOD SCREW	STEEL
27	INSWING THRESHOLD	ALUM/COMP
28	INSWING THRESHOLD w/ SIDELITE ADAPTER	ALUM/COMP
29	OUTSWING THRESHOLD	ALUM/COMP
30	ADA THRESHOLD	ALUM/COMP
35	ASTRAGAL (DLP)	ALUM
40	DOOR PANEL	-
50	SIDELITE PANEL	-



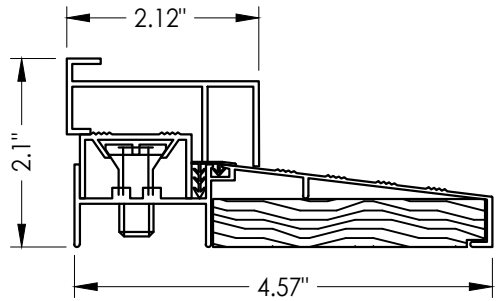
1 POLY FIBER JAMB
Plastpro PF Jamb



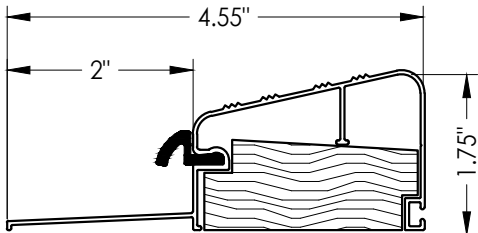
2 FINGER JOINT PINE JAMB



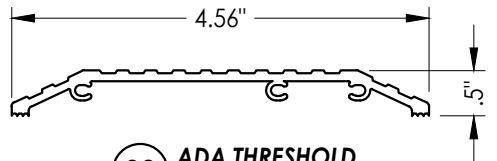
27 INSWING THRESHOLD
DLP



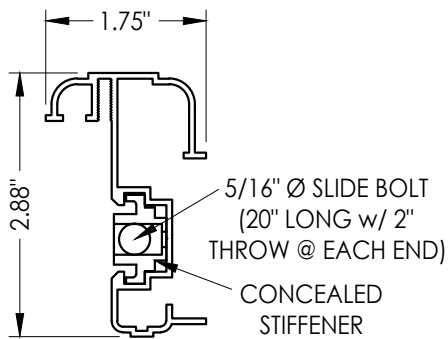
28 INSWING THRESHOLD w/ SIDELITE ADAPTER
DLP



29 OUTSWING THRESHOLD
DLP (QOSR)



30 ADA THRESHOLD
DLP



35 DLP ASTRAGAL

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"	AS SHOWN	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.

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.

Documents Prepared By:
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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:
BILL OF MATERIALS
& COMPONENTS

NO.	DATE	REVISIONS
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC
2	8/10/23	UPDATE TO 8TH ED. (2023) FBC
1	7/23/20	UPDATE TO 7TH ED (2020) FBC
NO.	DATE	REVISIONS
DATE: 2/11/19		
SCALE: N.T.S.		
DWG. BY: MT		
CHK. BY: LFS		
DRAWING NO.: FL-28685.5		
SHEET 11 OF 11		