



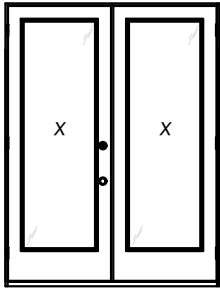
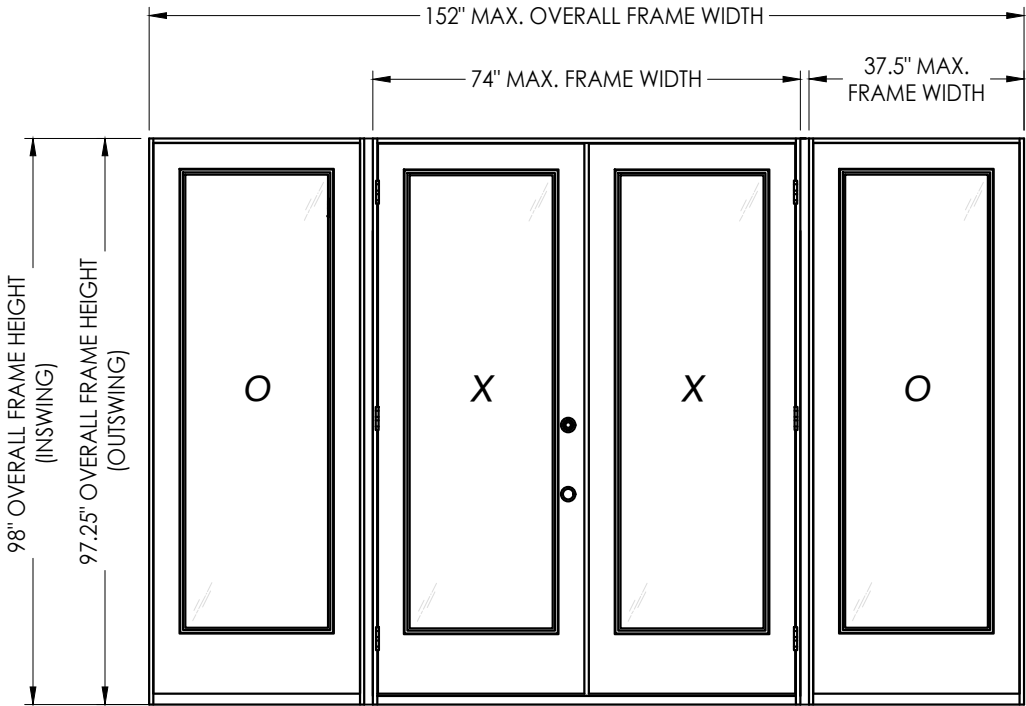
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

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

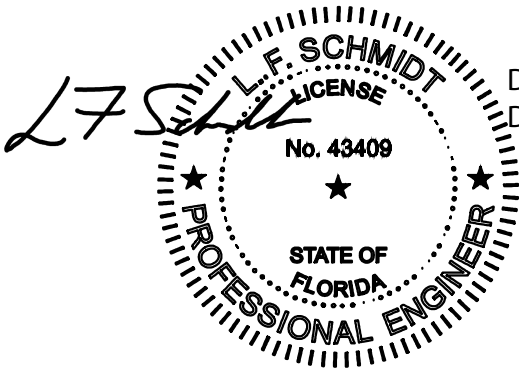
GENERAL NOTES

- This product has been evaluated and is in compliance with the 8th Edition (2023) 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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SHEET#	DESCRIPTION
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5	Horizontal & Vertical Cross Sections (1X Buck)
6	Horizontal & Vertical Cross Sections (Direct to Masonry)
7	Vertical Cross Sections (Thresholds)
8	Horizontal & Vertical Cross Sections (Direct to Masonry)
9	Buck anchoring
10	Frame anchoring & hardware details
11	Bill of materials & components



CONFIGURATION	MAX. FRAME DIMENSION	ASTRAGAL	JAMB REINFORCEMENT	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
				POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XX	74.0" x 98.0"	DLP	N/A	+45.0	-50.0	+45.0	-45.0
OXXO	149.0" x 98.0"	DLP	N/A	+40.0	-40.0	+40.0	-40.0
	152.0" x 98.0"	DLP	2X	+45.0	-50.0	+45.0	-45.0



Digitally signed by Lyndon F Schmidt
Date: 2023.08.10 16:27:03 -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

PLASTPRO INC.
FIBERGLASS DOOR

DATE: 2/11/19

SCALE: N.T.S.

DWG. BY: MT

CHK. BY: LFS

DRAWING NO.: FL-28685.9

SHEET 1 OF 11

Part or Assembly:
TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

REVISIONS

DATE

NO.

BY

8/10/23 UPDATE TO 8TH ED. (2023) FBC

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

1

2

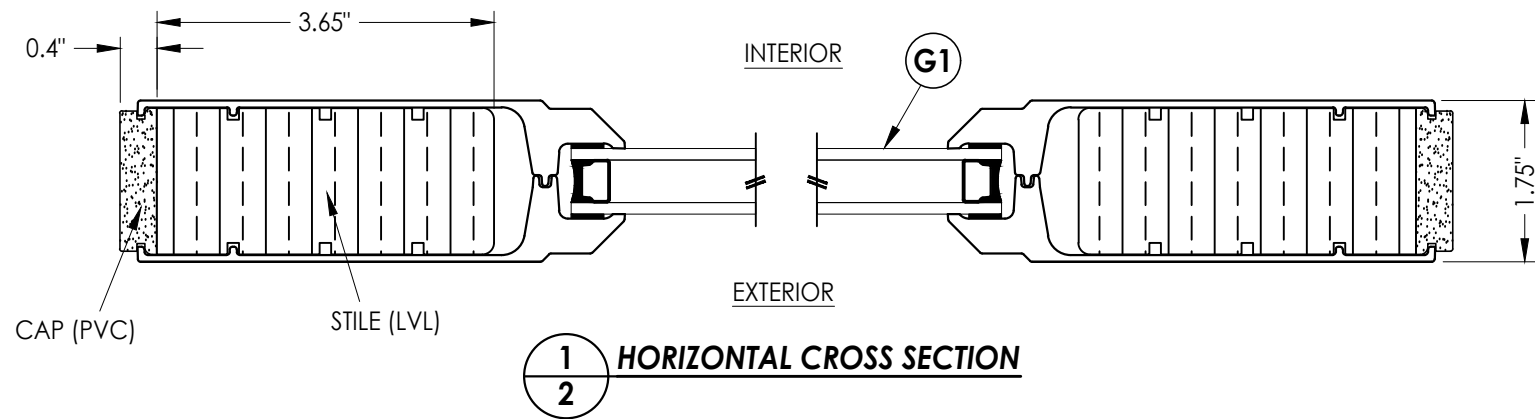
LFS

LFS

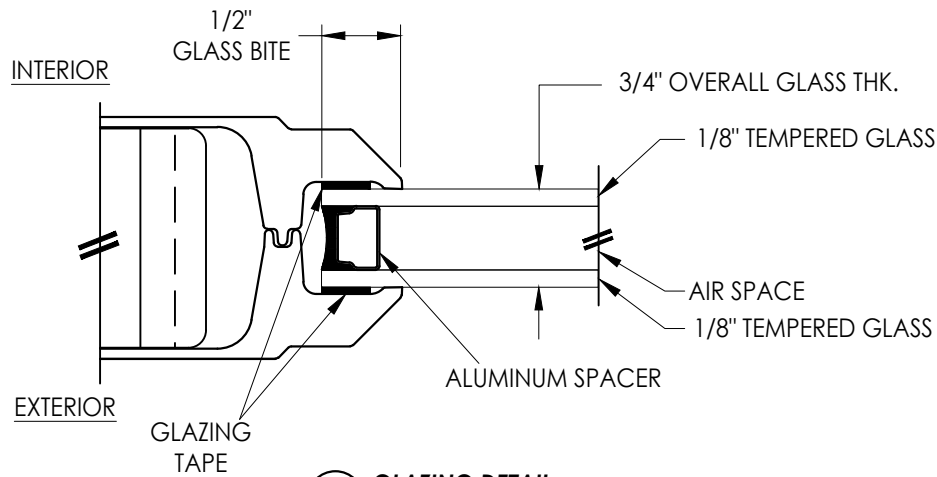
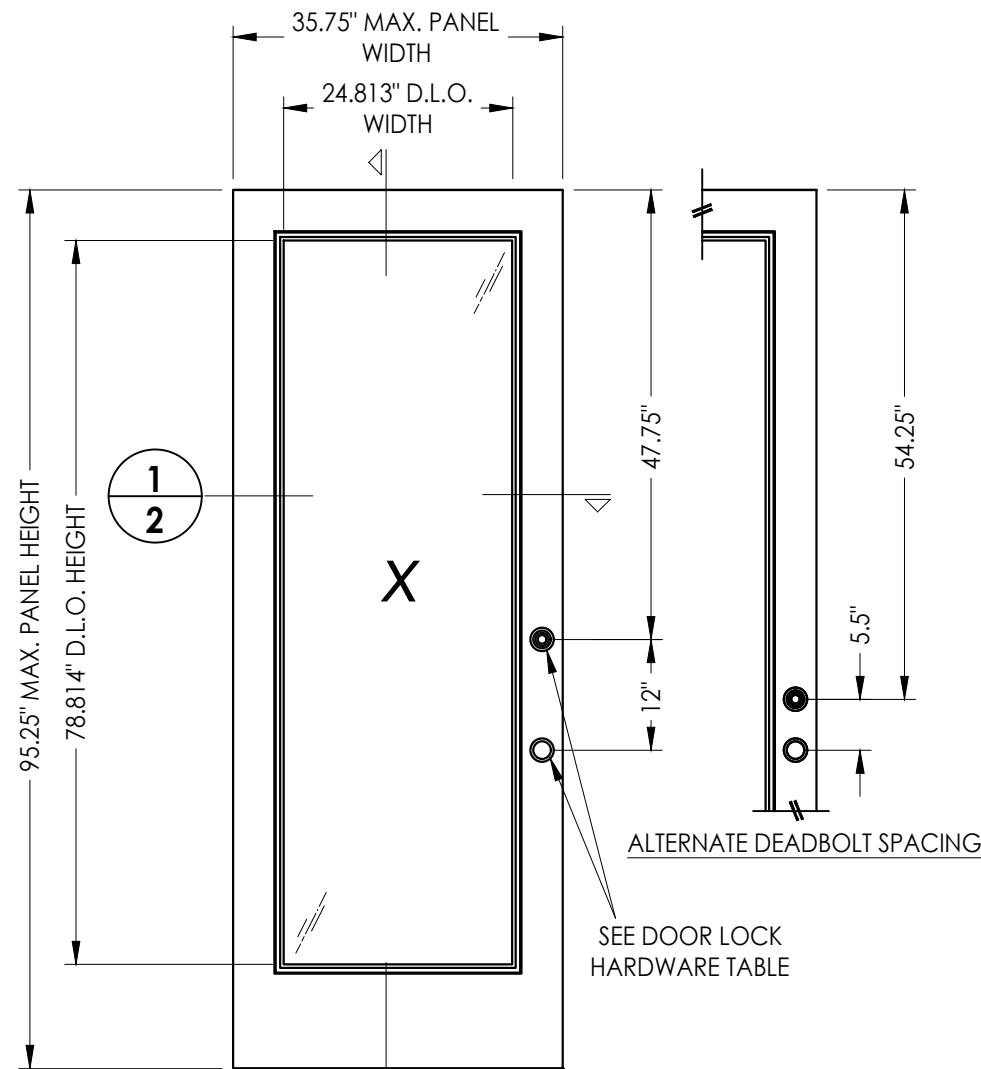
Building Consultants, Inc.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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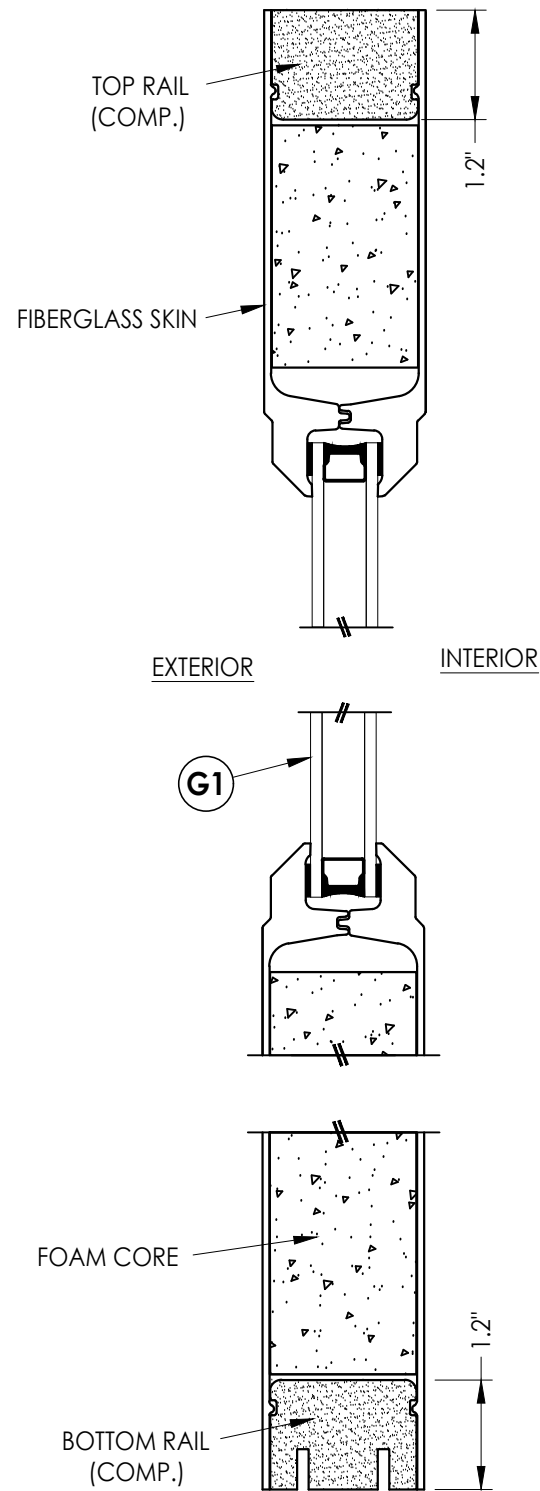
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1
2 HORIZONTAL CROSS SECTION



G1 GLAZING DETAIL



2
2 VERTICAL CROSS SECTION

- 40 PLASTPRO DOOR PANEL
- 50 PLASTPRO SIDELITE PANEL

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

HARDWARE TABLE					
MANUFACTURER	MODEL		DEADBOLT SPACING	MAX. DESIGN PRESSURE (PSF)	
				INSWING	OUTSWING
KWIKSET	KNOB:	SIGNATURE SERIES	5.5"	+30/-40	+35/-35
	DEADBOLT:	SIGNATURE SERIES (980)	12"	+45/-50	+45/-45

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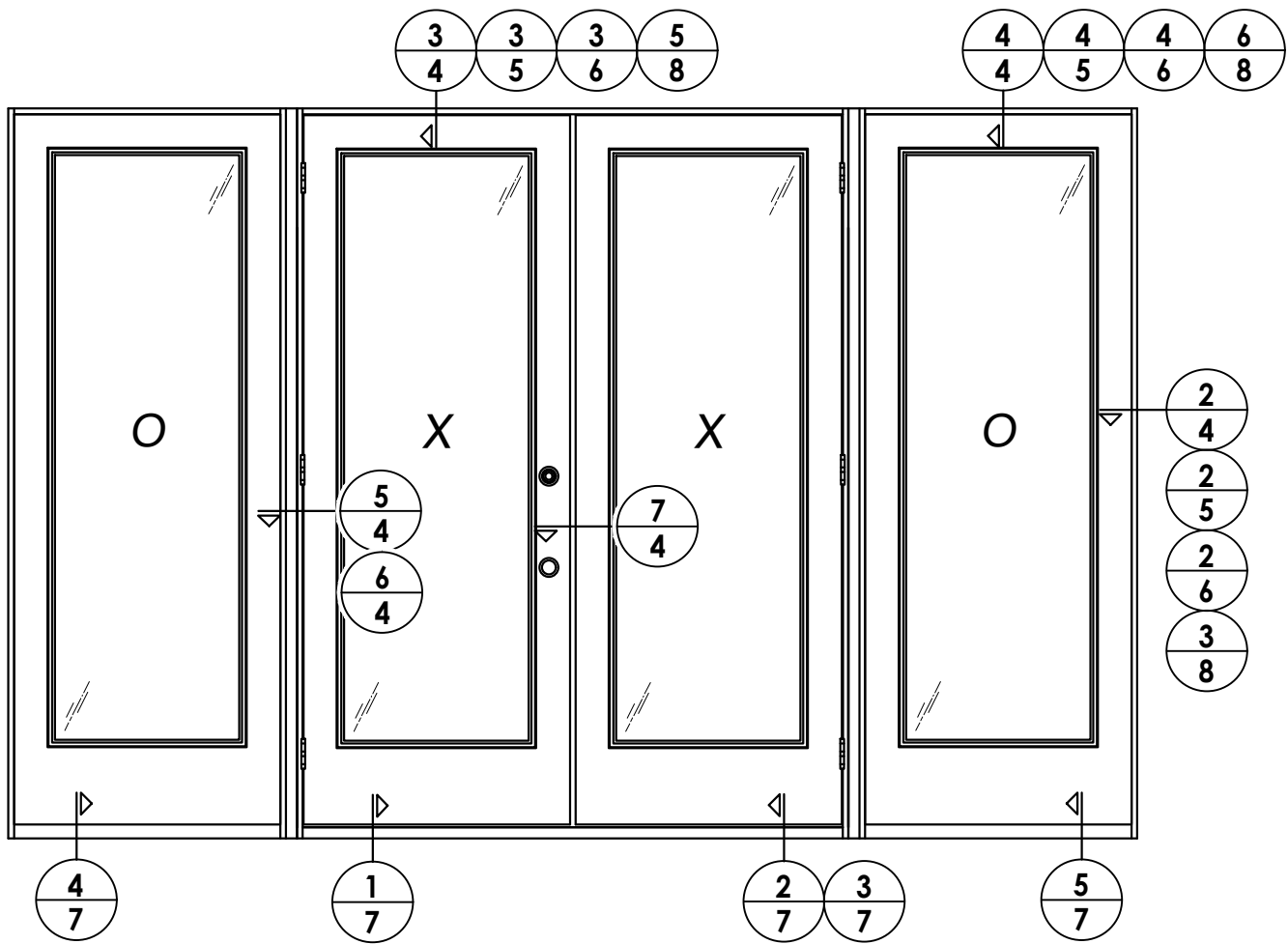
PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR & SIDELITE
PANEL DETAILS

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

DATE: 2/11/19
SCALE: N.T.S.
DWG. BY: MT
CHK. BY: LFS
DRAWING NO.: FL-28685.9
SHEET 2 OF 11

ELEVATION
XX



ELEVATION
OXXO

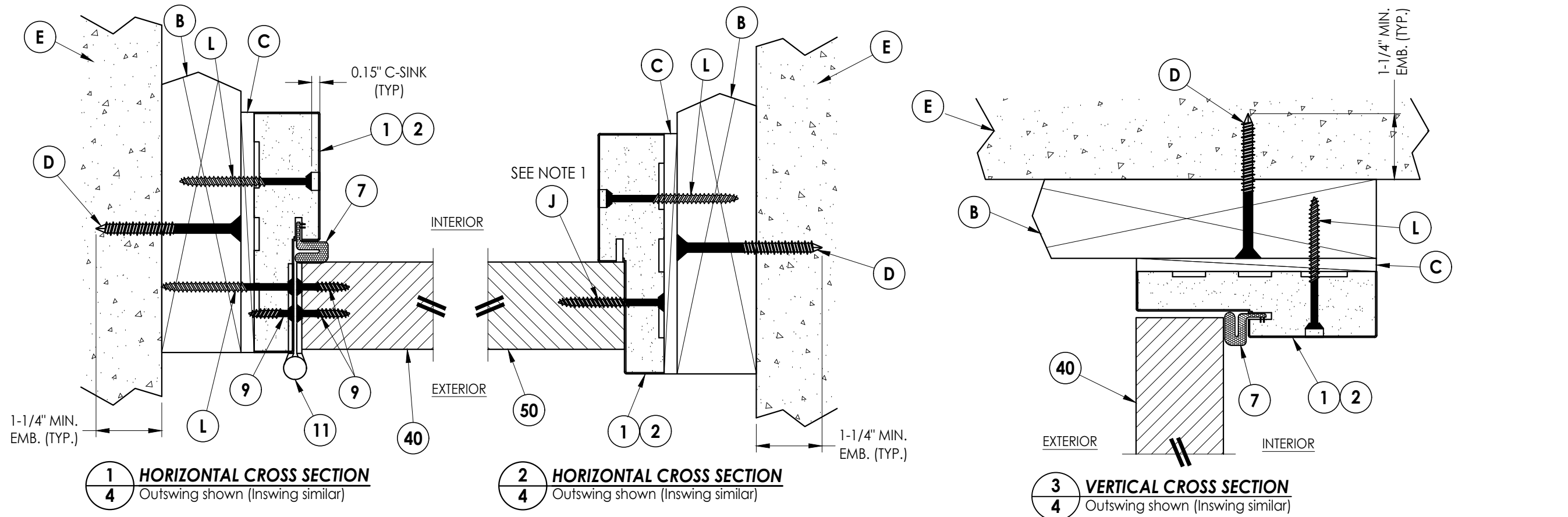
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FIBERGLASS DOOR

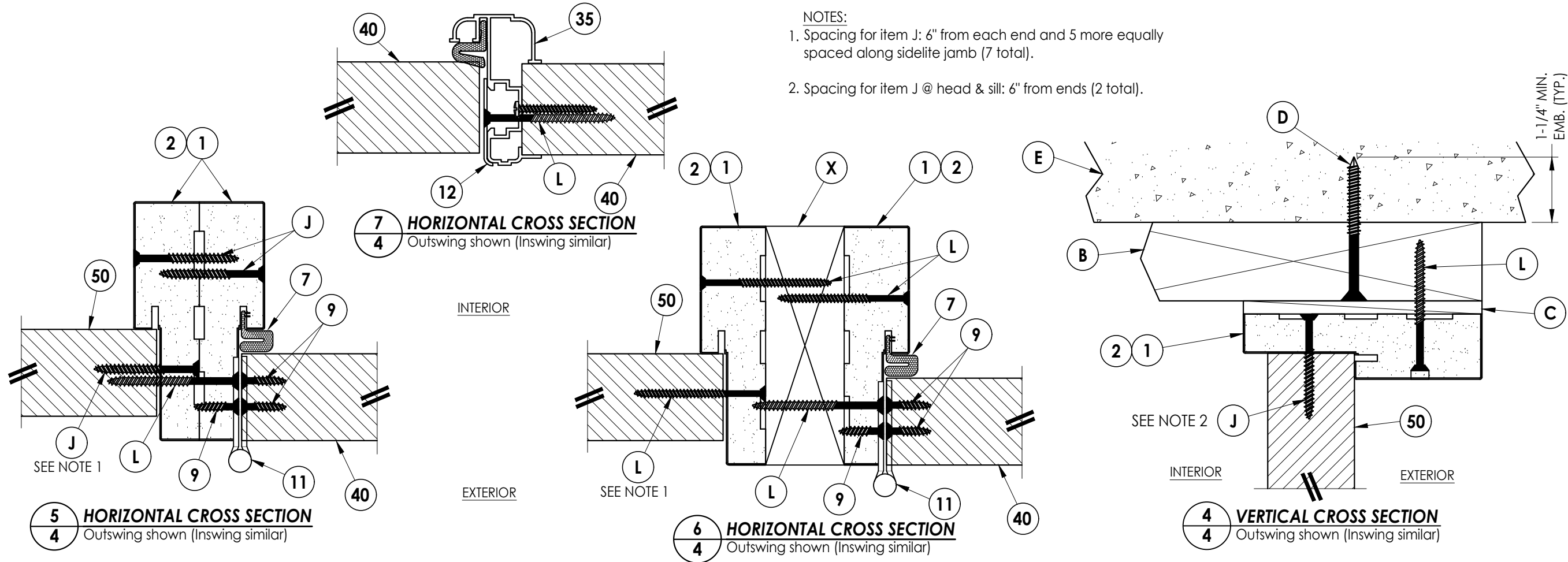
PART OR ASSEMBLY: ELEVATIONS

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- 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).



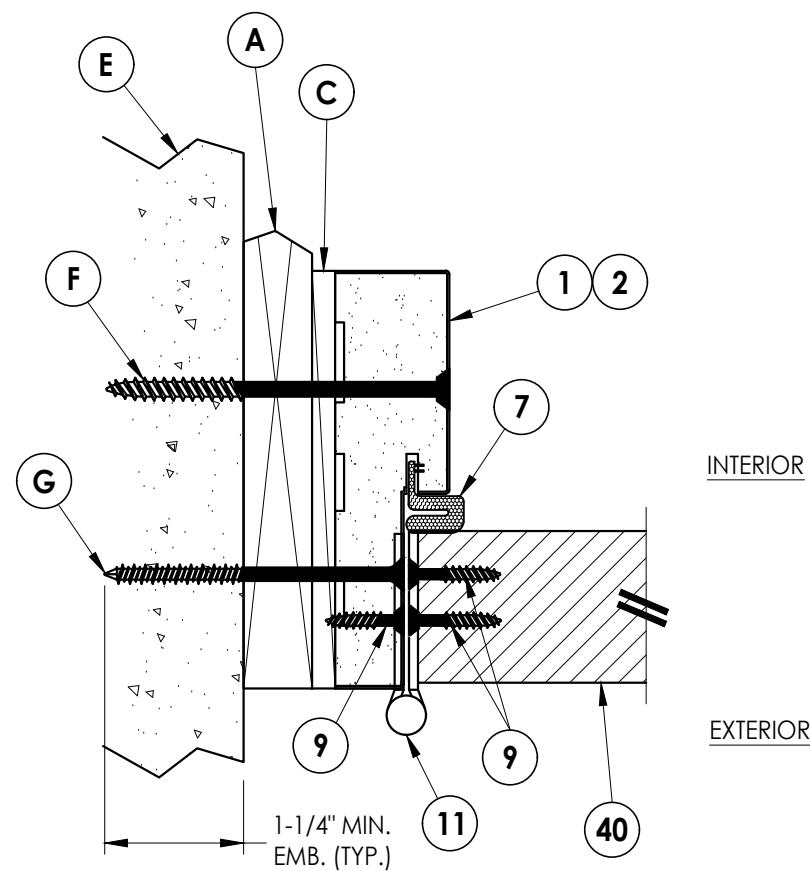
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR
	PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK)

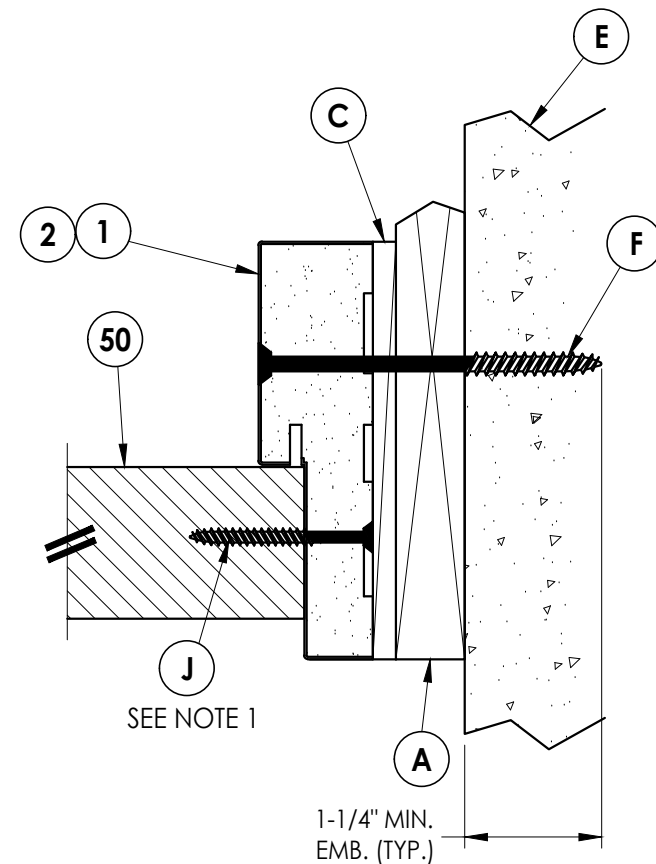
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		BY	
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1	7/23/20	LFS	UPDATE TO 7TH ED (2020) FBC

DATE: 2/11/19
SCALE: N.T.S.
DWG. BY: MT
CHK. BY: LFS
DRAWING NO.: FL-28685.9
SHEET 4 OF 11



1 5 **HORIZONTAL CROSS SECTION**

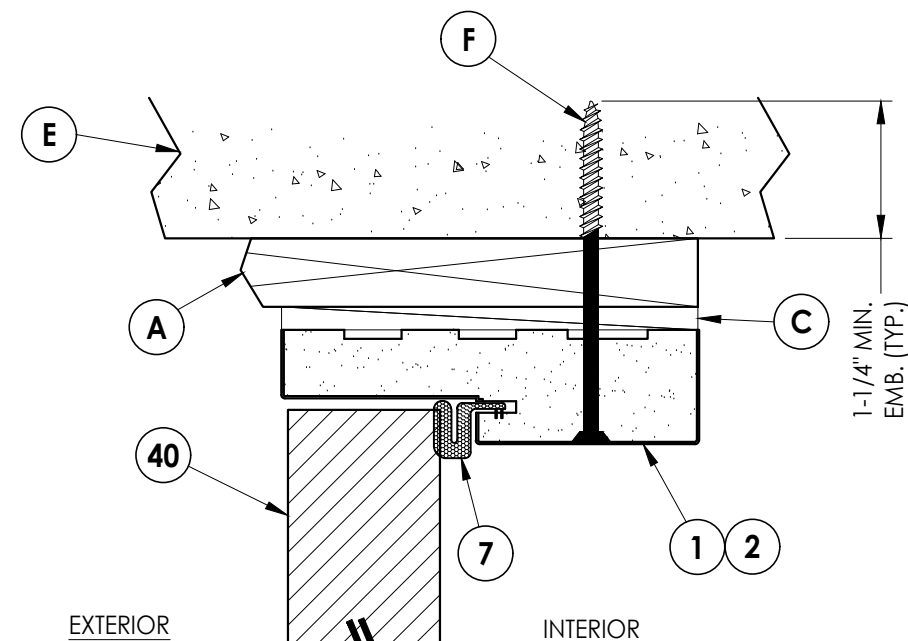
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



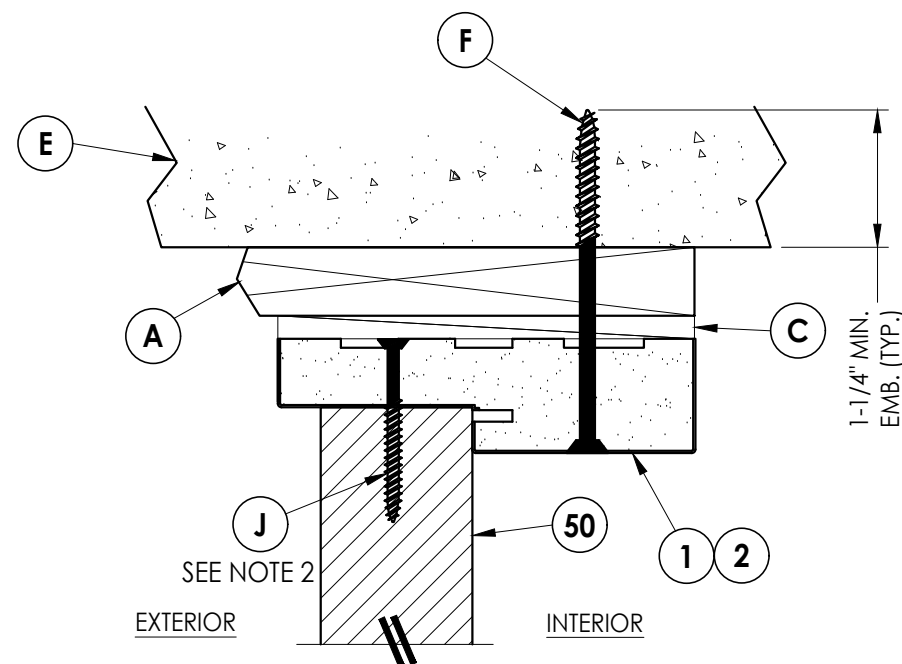
2 **HORIZONTAL CROSS SECTION**
5 Shown w/ 1X sub-buck
 Outswing shown (Inswing similar)

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)

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

DATE: 2/11/19

SCALE: *N.T.S.*

DWG. BY: *MT*

CHK. BY: *LFS*

DRAWING NO.:
FL-28685.9

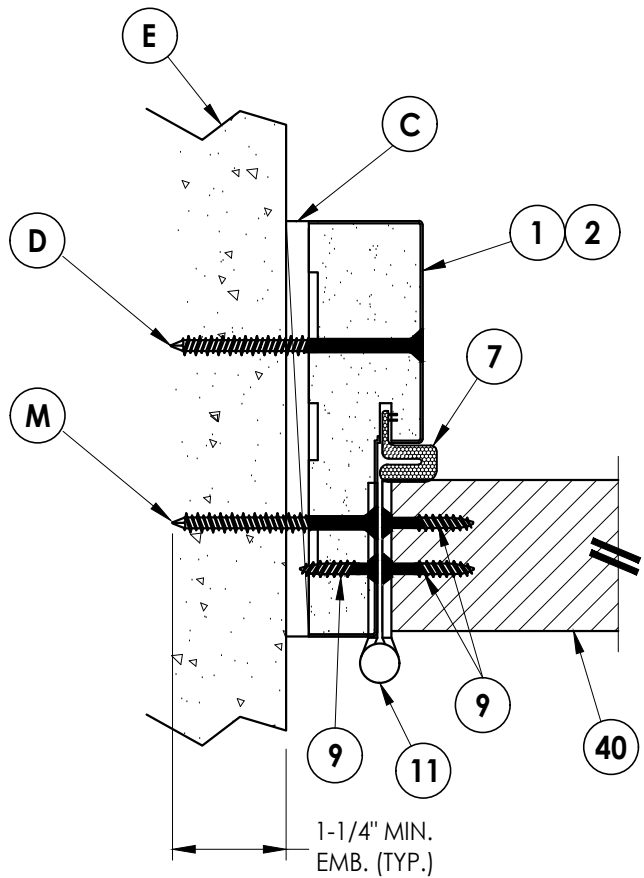
SHEET 5 OF 11

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BUILDING CONSULTANTS, INC.

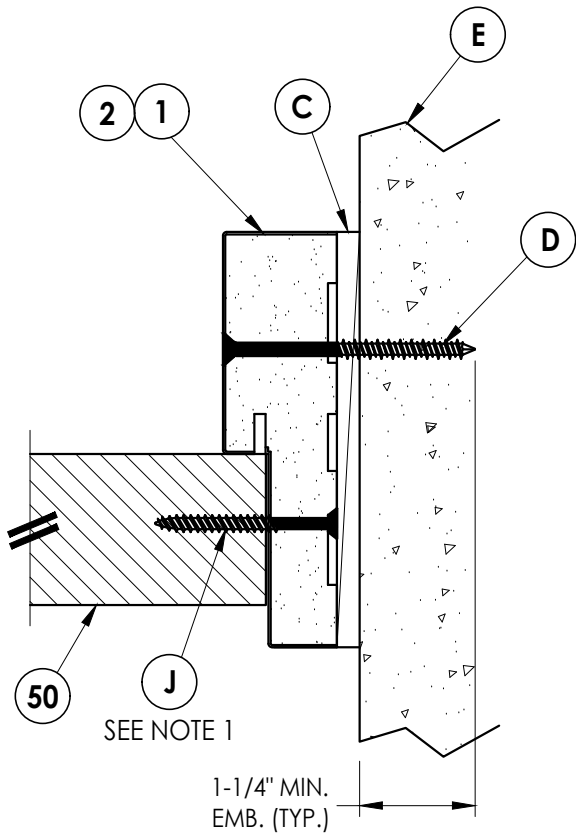
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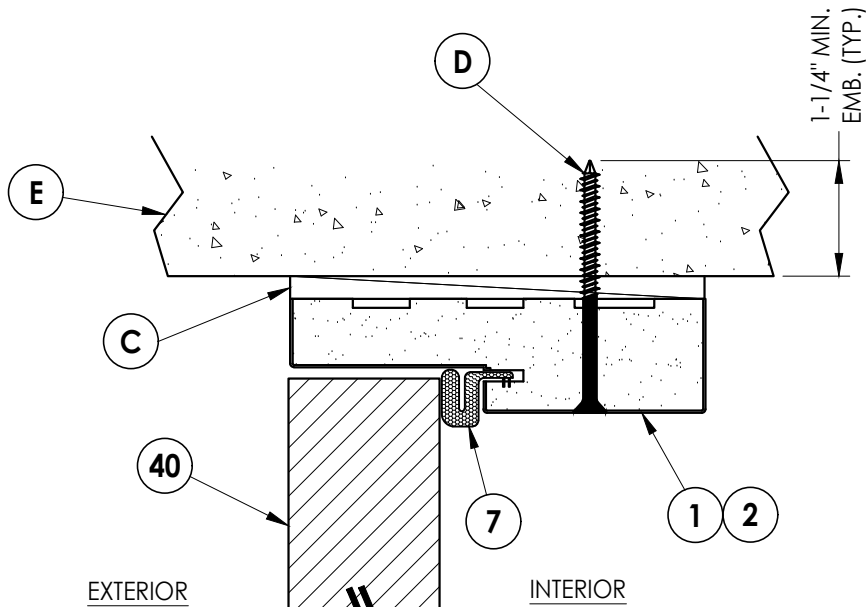


1
6 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)

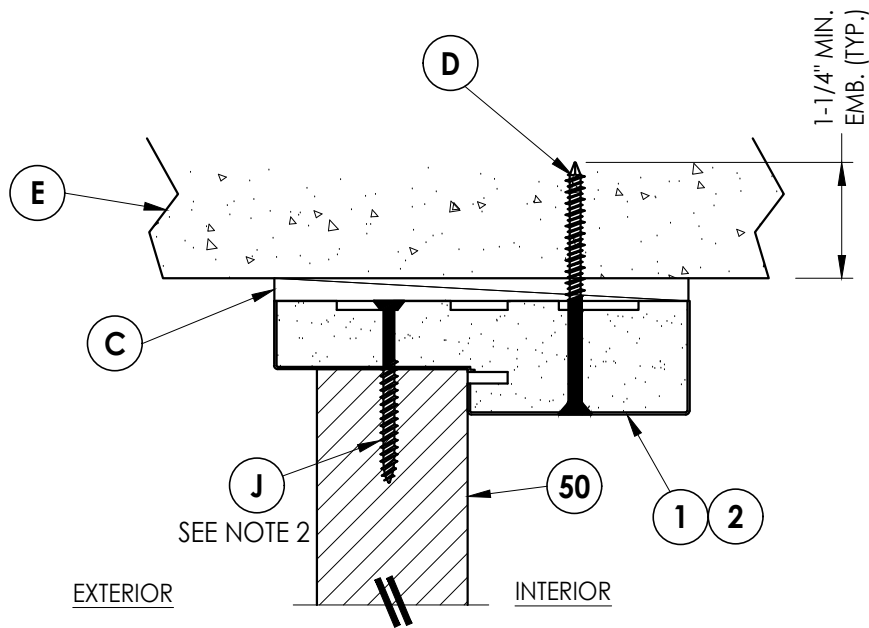
INTERIOR
EXTERIOR



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)

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).

Documents Prepared By:
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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:
HORIZONTAL & VERTICAL CROSS
SECTIONS (DIRECT TO MASONRY)

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

DATE: 2/11/19

SCALE: N.T.S.

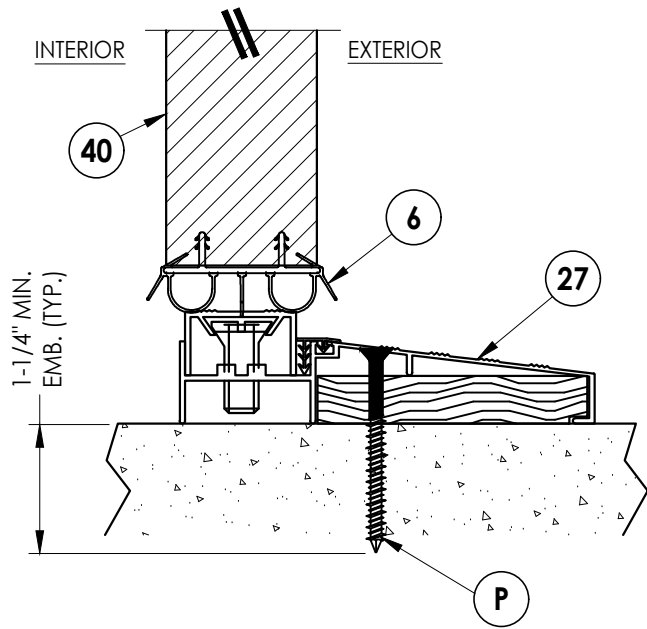
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CHK. BY: LFS

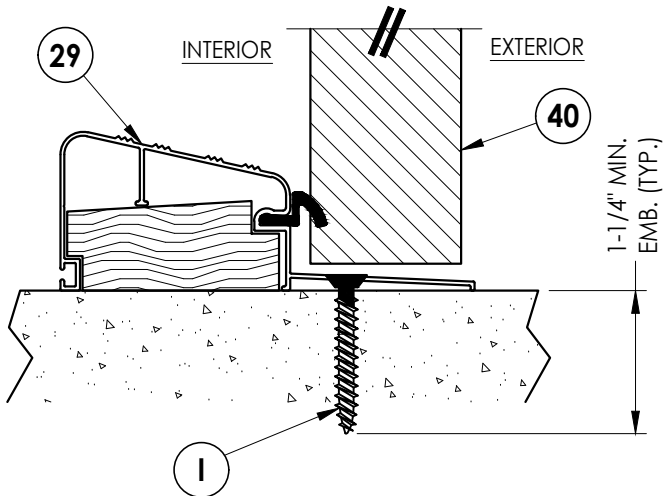
DRAWING NO.:
FL-28685.9

SHEET 6 OF 11

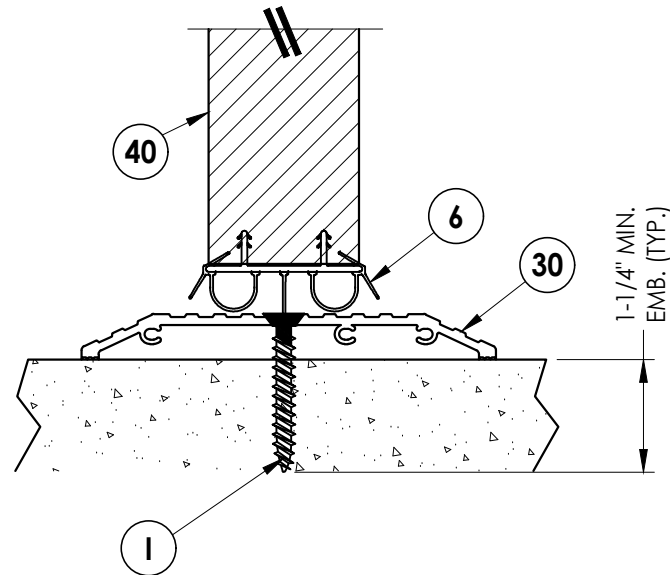
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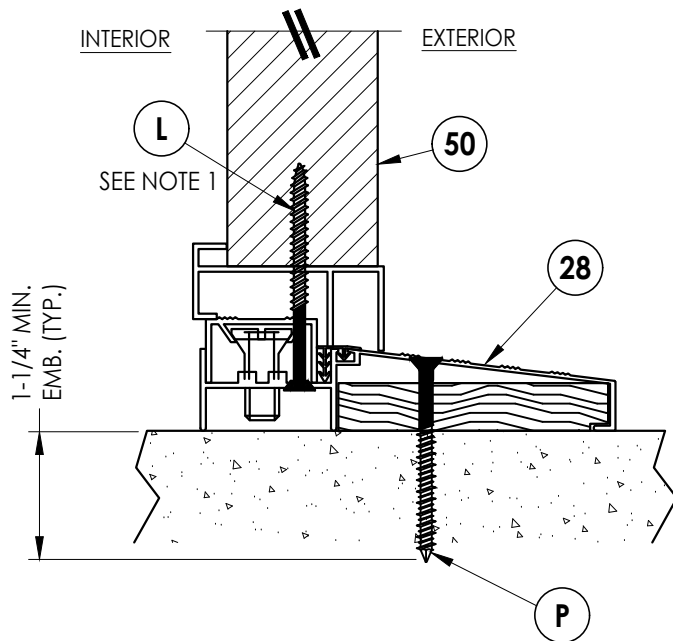
1
7 **VERTICAL CROSS SECTION**
Inswing sill



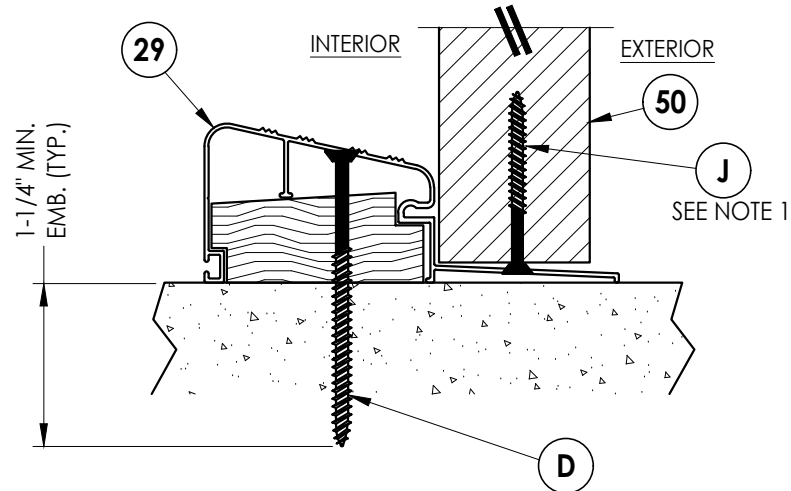
2
7 **VERTICAL CROSS SECTION**
Outswing sill



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).

Documents Prepared By:
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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
2	8/10/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	7/23/20	UPDATE TO 7TH ED (2020) FBC LFS
		BY

DATE: 2/11/19

SCALE: N.T.S.

DWG. BY: MT

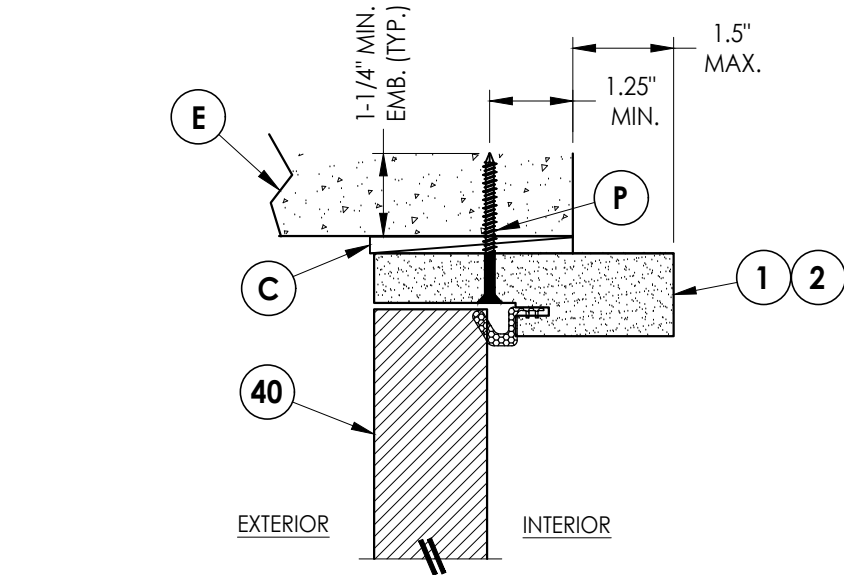
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DRAWING NO.:

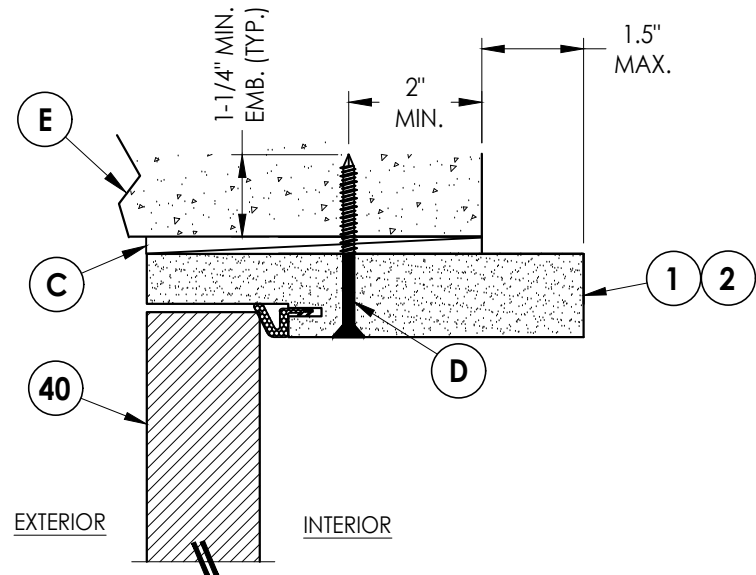
FL-28685.9

SHEET 7 OF 11

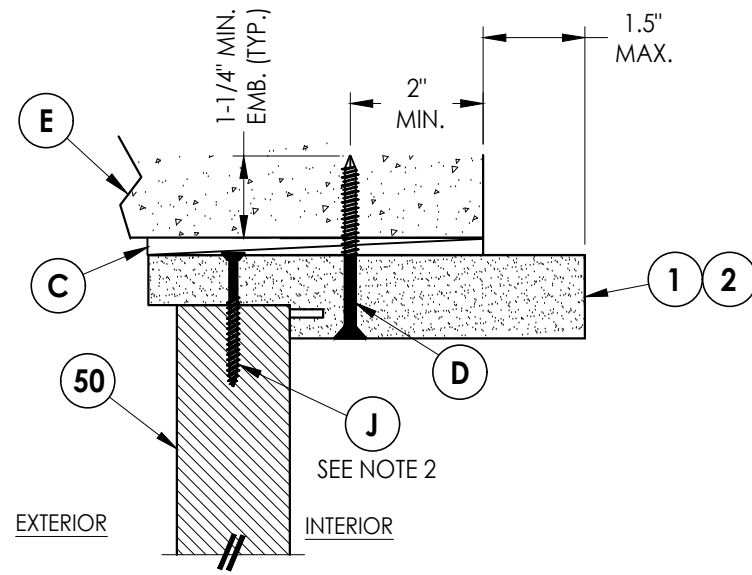
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4
8 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb
Double Door Only (N/A w/ Sidelites)

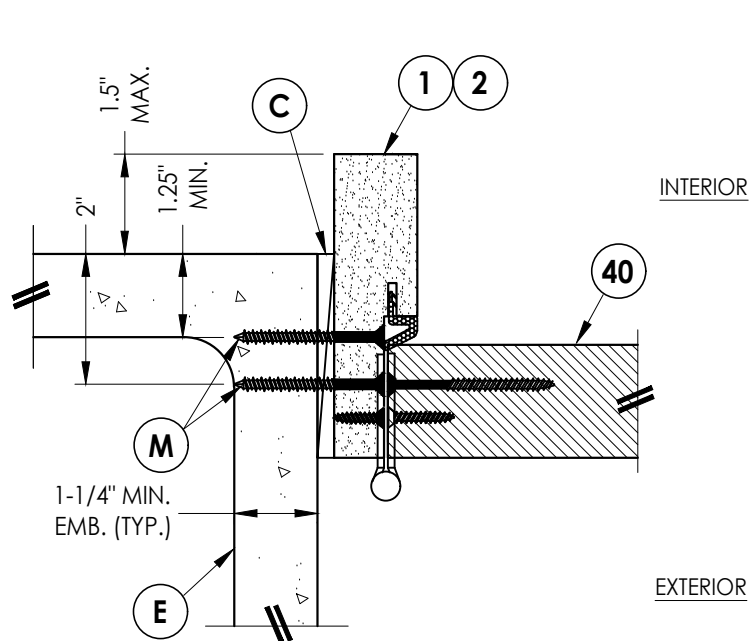


5
8 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

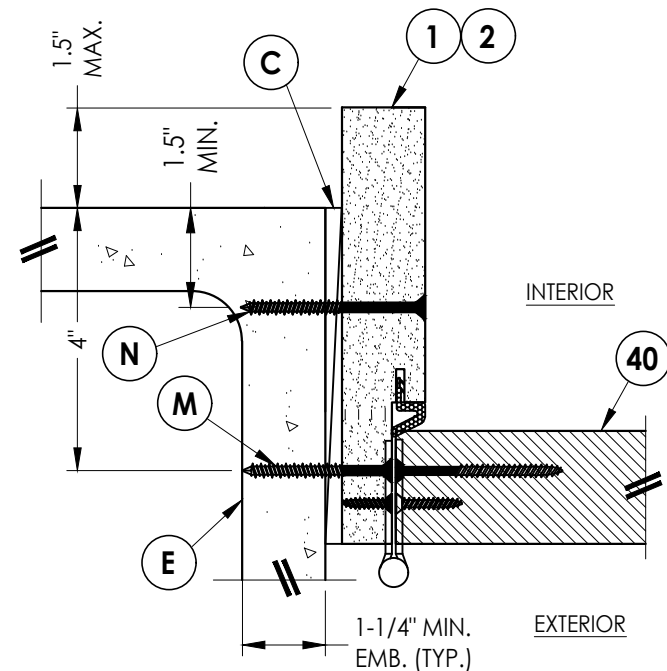


6
8 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

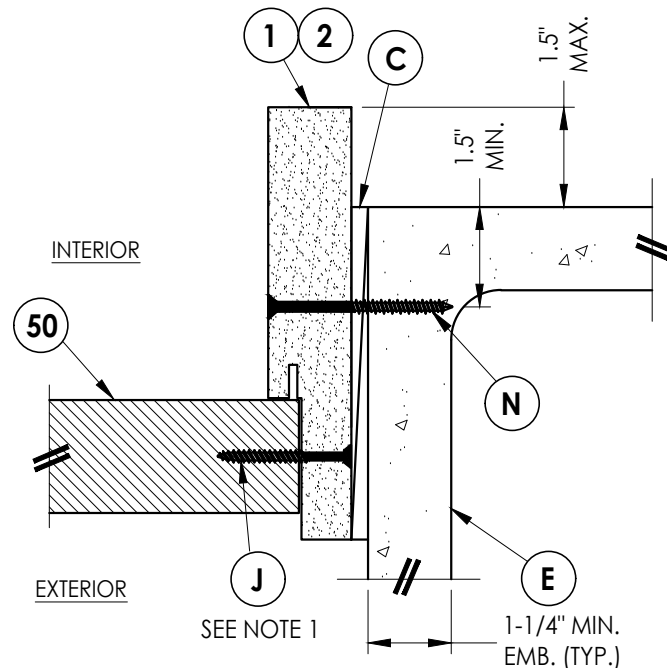
- NOTES:
- Spacing for item J: 6" from each end and 5 more equally spaced along sidelite jamb (7 total).
 - Spacing for item J @ head & sill: 6" from ends (2 total).



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

DATE: 2/11/19

SCALE: N.T.S.

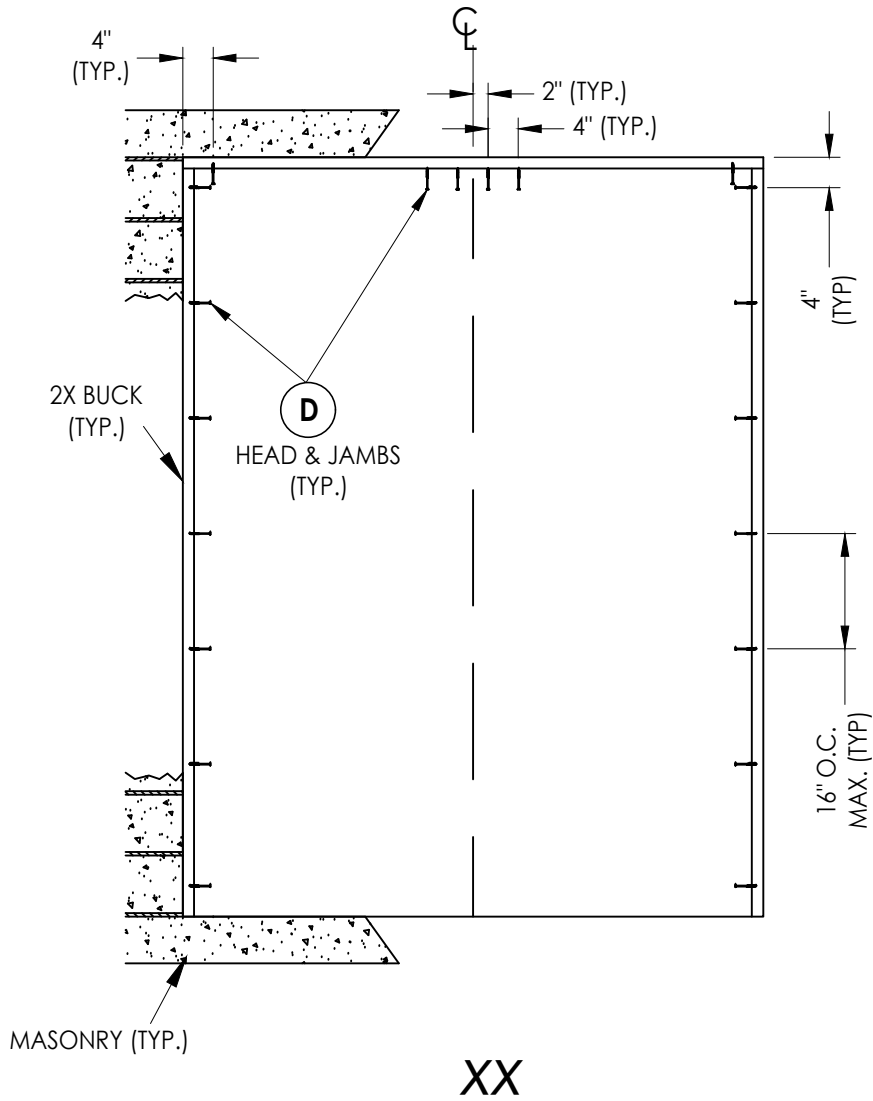
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CHK. BY: LFS

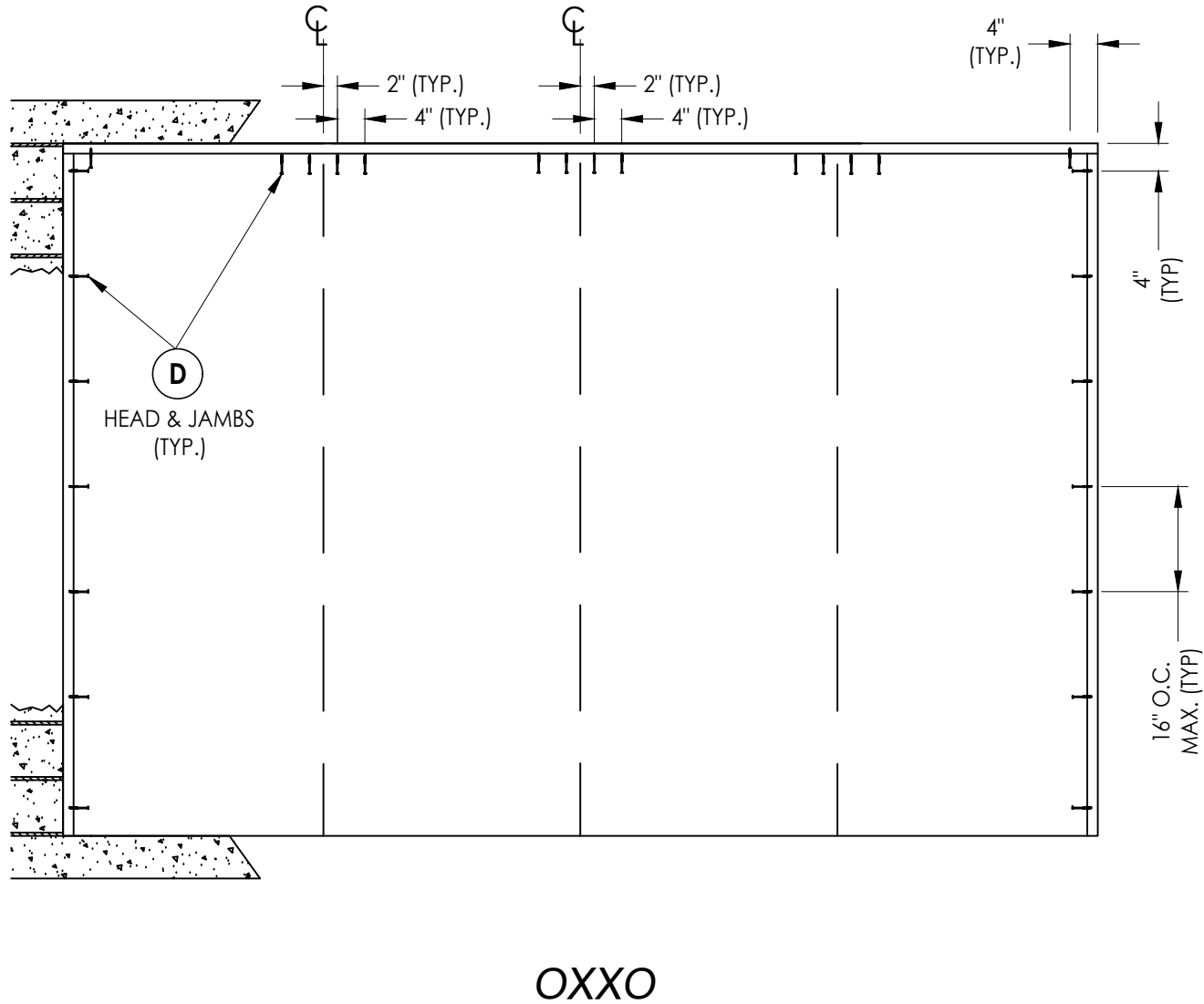
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SHEET 8 OF 11

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2X BUCK ANCHORING



DATE: 2/11/19
SCALE: N.T.S.
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DRAWING NO.: FL-28685.9
SHEET 9 OF 11

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

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

Documents Prepared By:
Lyndon F. Schmidt
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