



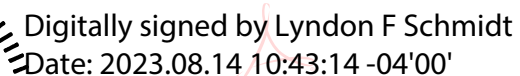
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

Smooth / Wood Grain / White Wood Grain
Rustic / Mahogany
Fiberglass Door
INSWING / OUTSWING
"NON-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 is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
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.

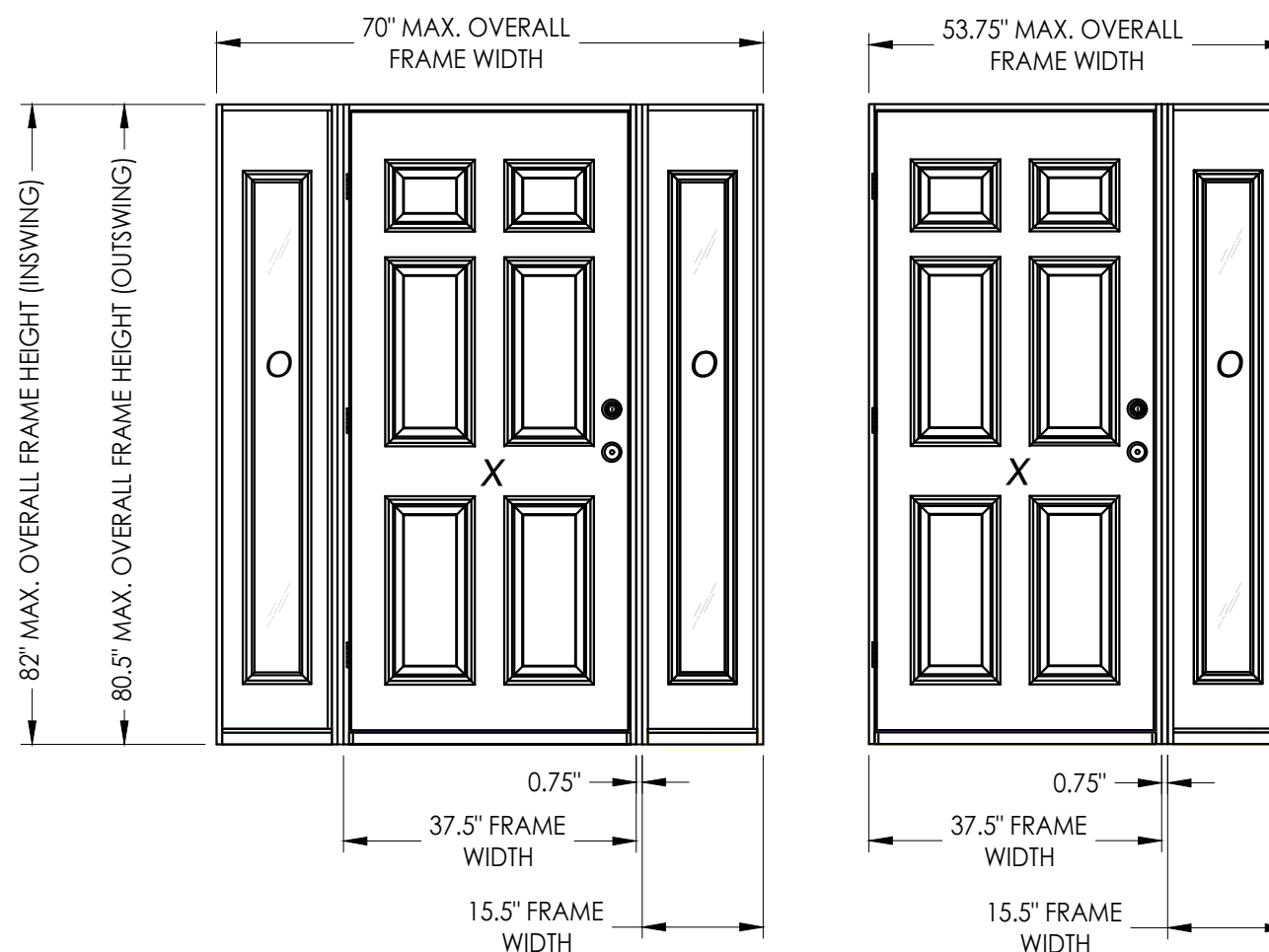
TABLE OF CONTENTS	
SHEET#	DESCRIPTION
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8	Vertical Cross Sections (Thresholds)
9	Horizontal & Vertical Cross Sections (Direct to Masonry)
10	Buck anchoring
11	Frame anchoring
12	Bill of materials, components and glazing details



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



CONFIGURATION	MAX. FRAME DIMENSION	MAX. SIDELITE D.L.O. DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
			POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
OX or XO	53.75" x 82.0"	7.0" X 63.0"	+55.0	-60.0	+55.0	-55.0
OXO	70.0" x 82.0"	7.0" X 63.0"	+55.0	-60.0	+55.0	-55.0

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

BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 334
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

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

	4	8/14/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
	3	7/27/20	UPDATE TO 7TH ED (2020)	FBC	LFS	
	2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK	
	1	04/14/15	UPDATE TO 5TH ED. (2014)	FBC	JK	
	NO.	DATE			BY	

DATE: 02/15/12

SCALE: *N.T.S.*

DWG. BY: JK

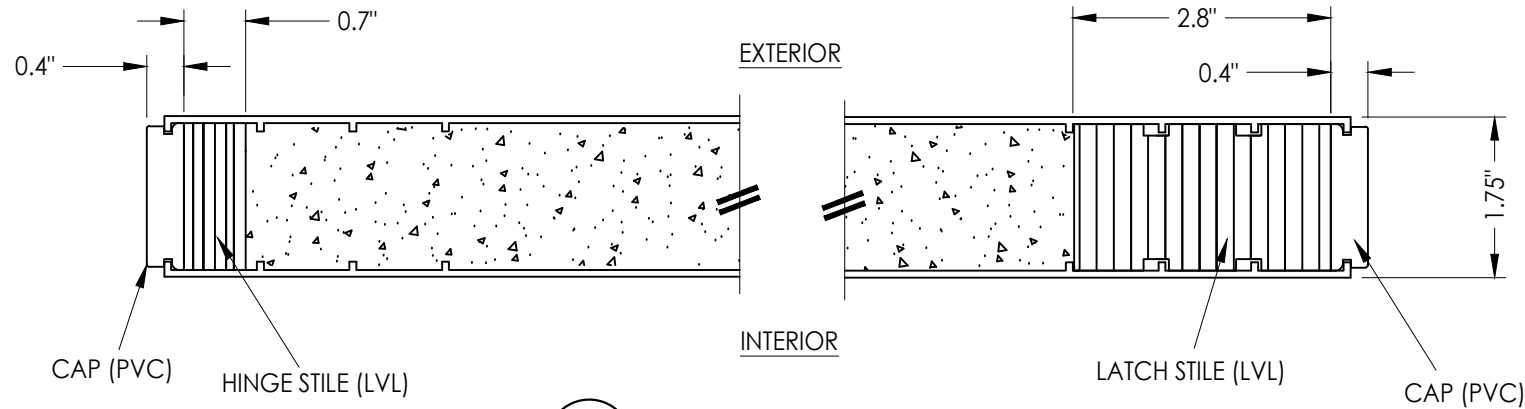
CHK. BY: LFS

DRAWING NO.:
FL-15221.4

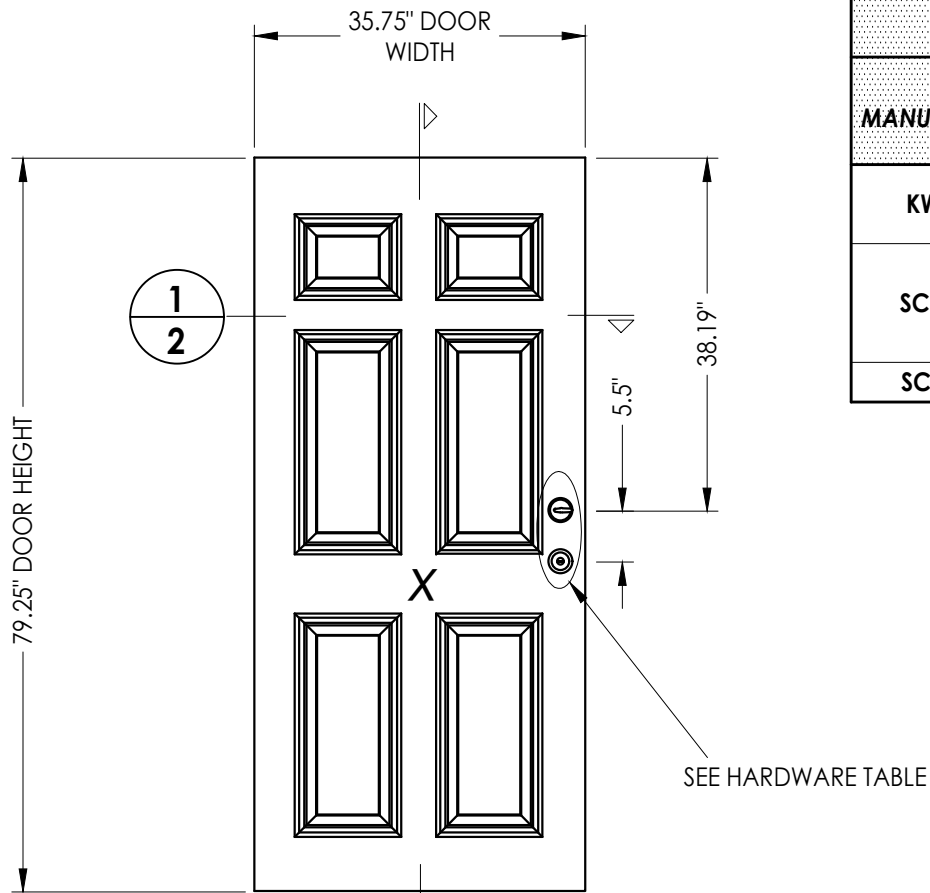
SHEET 1 OF 12

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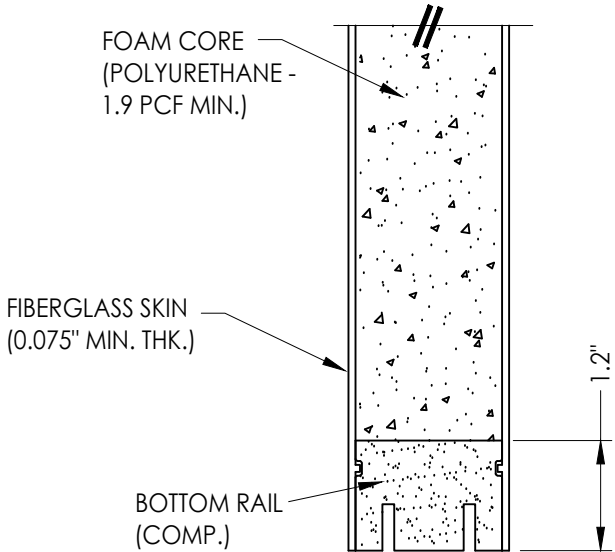
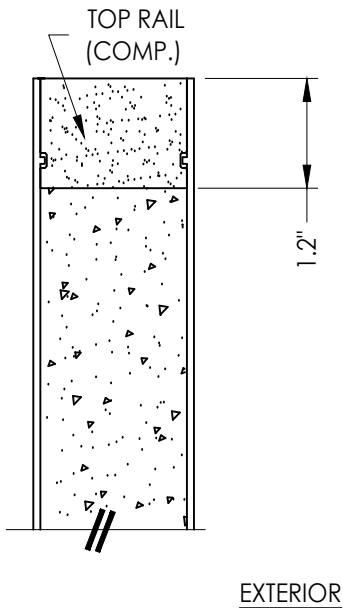


1
2 **HORIZONTAL CROSS SECTION**



1
2
40 DOOR PANEL
Plastpro
Fiberglass

HARDWARE TABLE			
MANUFACTURER	MODEL	MAX. DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
KWIKSET	KNOB: SIGNATURE SERIES DEADBOLT: SIGNATURE SERIES (780)	+55.0	-60.0
SCHLAGE	KNOB: "F" SERIES (F10) LEVER: "F" SERIES (F10) DEADBOLT: "B" SERIES (B60/62)	+45.0	-45.0
SCHLAGE	HANDLE SET W/DEADBOLT: "F" SERIES (F60)	+45.0	-45.0



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
4	8/14/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	7/27/20	UPDATE TO 7TH ED. (2020) FBC LFS
2	7/24/17	UPDATE TO 6TH ED. (2017) FBC JK
1	04/14/15	UPDATE TO 5TH ED. (2014) FBC JK

DATE: 02/15/12

SCALE: N.T.S.

DWG. BY: JK

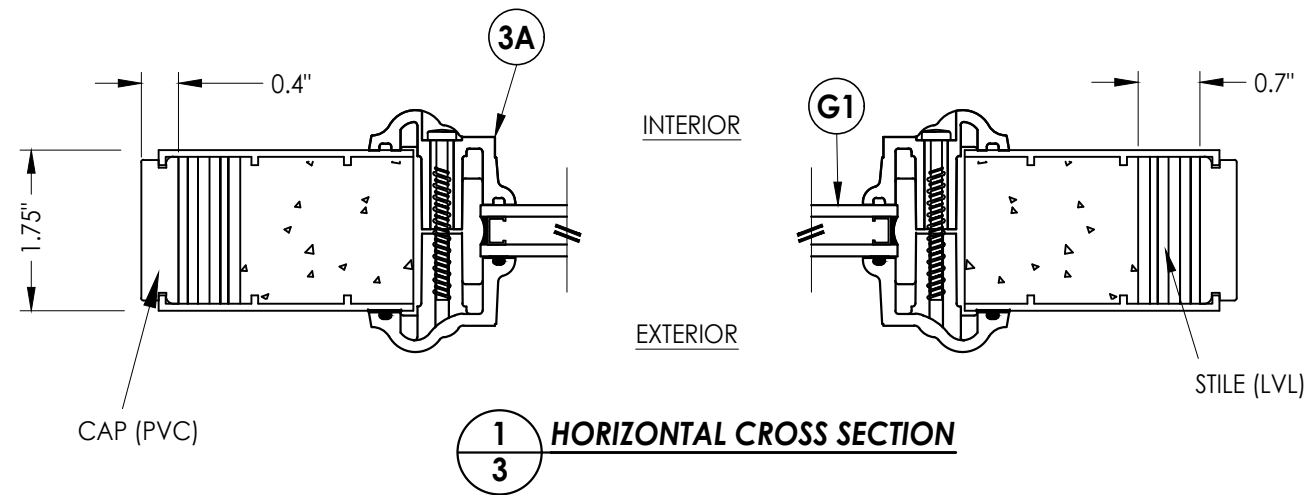
CHK. BY: LFS

DRAWING NO.:

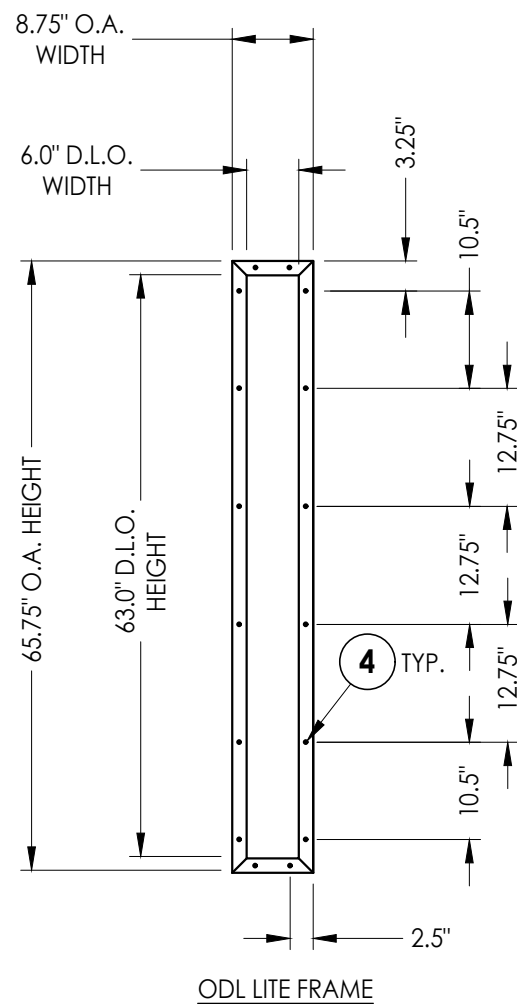
FL-15221.4

SHEET 2 OF 12

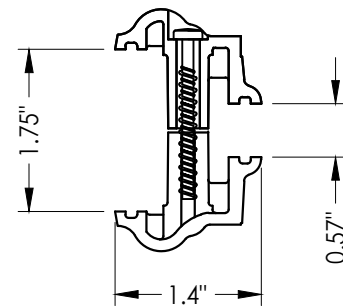
Technical drawing of a rectangular panel. The overall dimensions are 79.25" O.A. HEIGHT and 13.875" O.A. WIDTH. A circular callout on the left side contains the numbers 1 and 3, indicating a specific detail or section. The panel features a central rectangular opening with a decorative border. A small triangle is located on the right side of the panel.



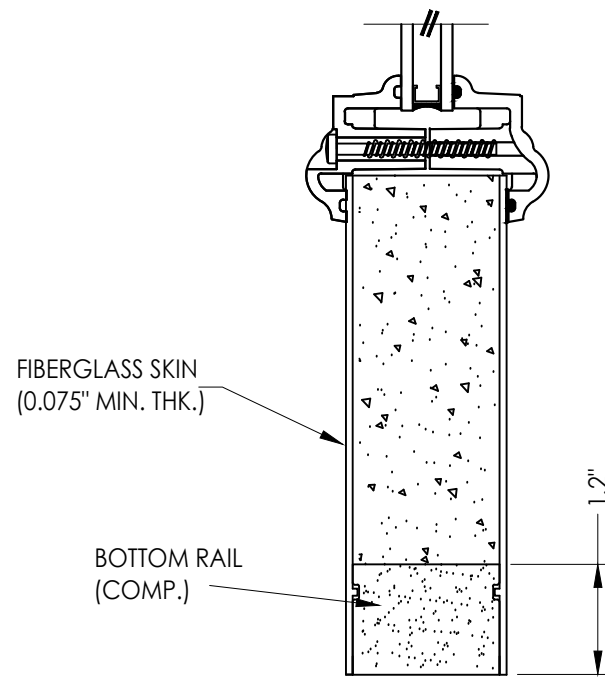
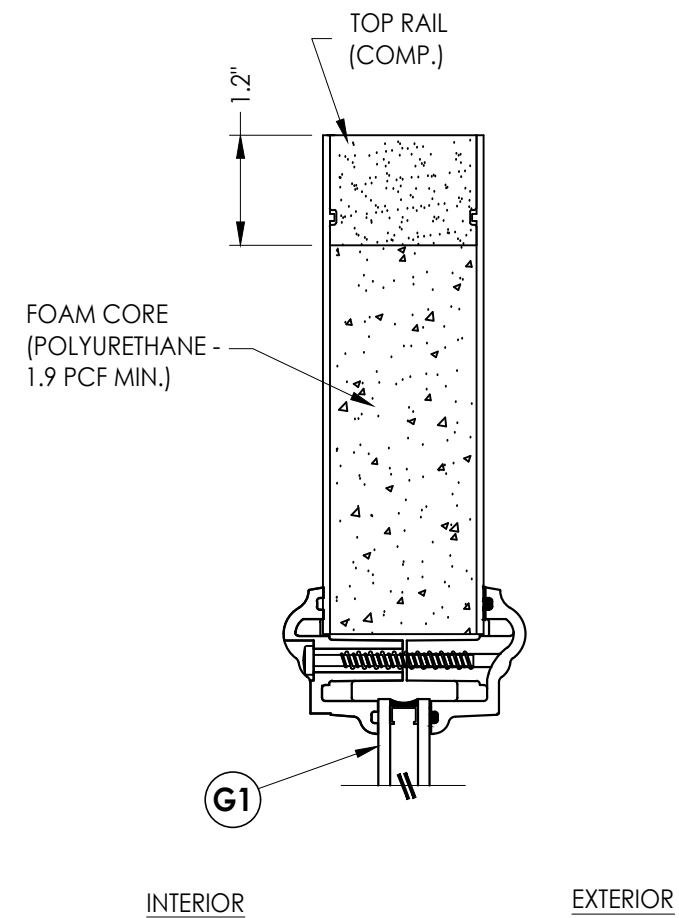
1 **HORIZONTAL CROSS SECTION**
3



ODL LITE FRAME



3A ODL LITE FRAME
HP Polypropylene



2 3 VERTICAL CROSS SECTION

4	8/14/23	UPDATE TO 8TH ED. (2023)	FBC	LFS		
3	7/27/20	UPDATE TO 7TH ED (2020)	FBC	LFS		
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK		
1	04/14/15	UPDATE TO 5TH ED. (2014)	FBC	JK		
NO.	DATE					BY
						REVISIONS
DATE: 02/15/12						
SCALE: N.T.S.						
DWG. BY: JK						
CHK. BY: LFS						
DRAWING NO.: FL-15221.4						
SHEET 3 OF 12						

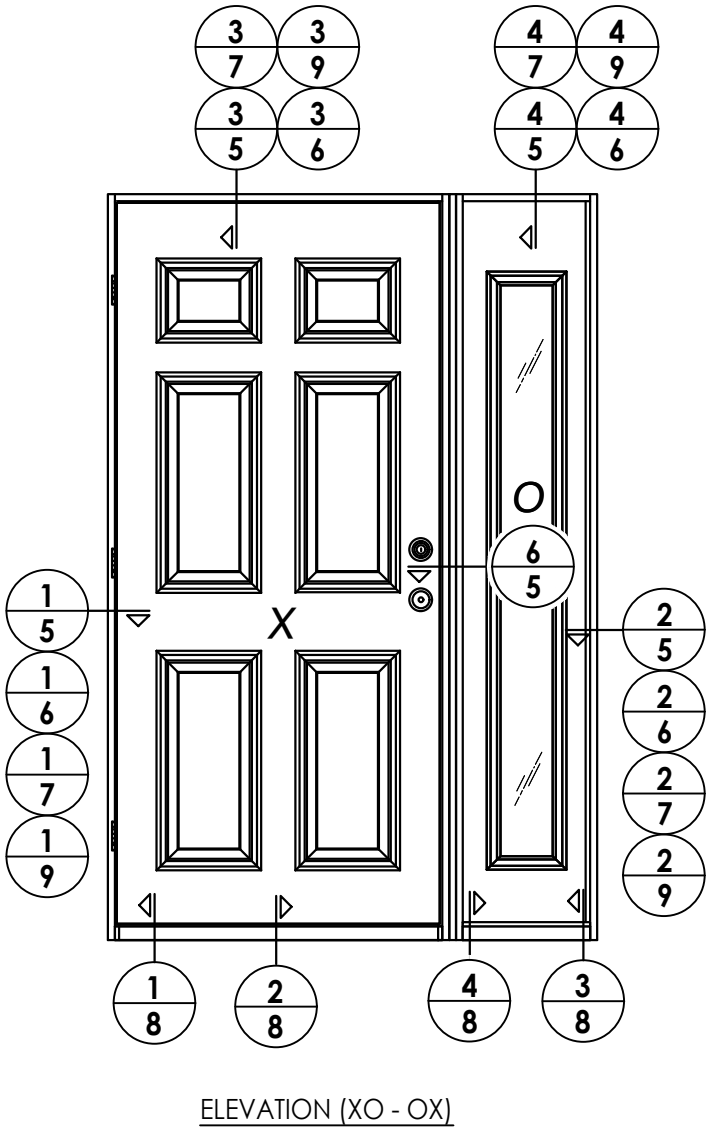
PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

OR ASSEMBLY:
SIDELITE PANEL DETAILS

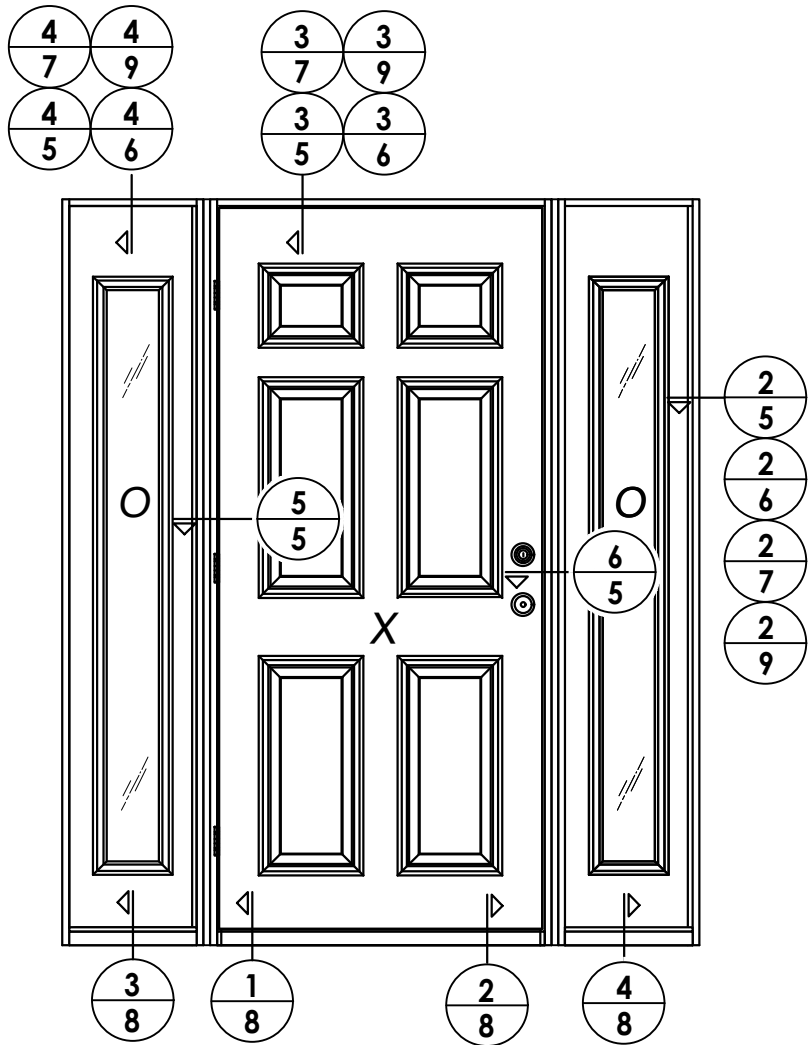
Documents Prepared By:
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Phone No.: 813.659.9197
FBPE Registry No. 9813

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ELEVATION (XO - OX)



ELEVATION (OXO)

DATE: 02/15/12				REVISIONS				
SCALE: N.T.S.								
DWG. BY: JK								
CHK. BY: LFS								
DRAWING NO.: FL-15221.4								
SHEET 4 OF 12				Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409 PRODUCT: PLASTPRO INC. FIBERGLASS DOOR PART OR ASSEMBLY: ELEVATIONS RW BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813				
4	8/14/23	UPDATE TO 8TH ED. (2023)	FBC					LFS
3	7/27/20	UPDATE TO 7TH ED (2020)	FBC					LFS
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC					JK
1	04/14/15	UPDATE TO 5TH ED. (2014)	FBC					JK
NO.	DATE							BY

1. Spacing for item K: 3.75" from each end.
2. Sidelite assembly screws located 6" from top and bottom then 7 more equally spaced (9 total).

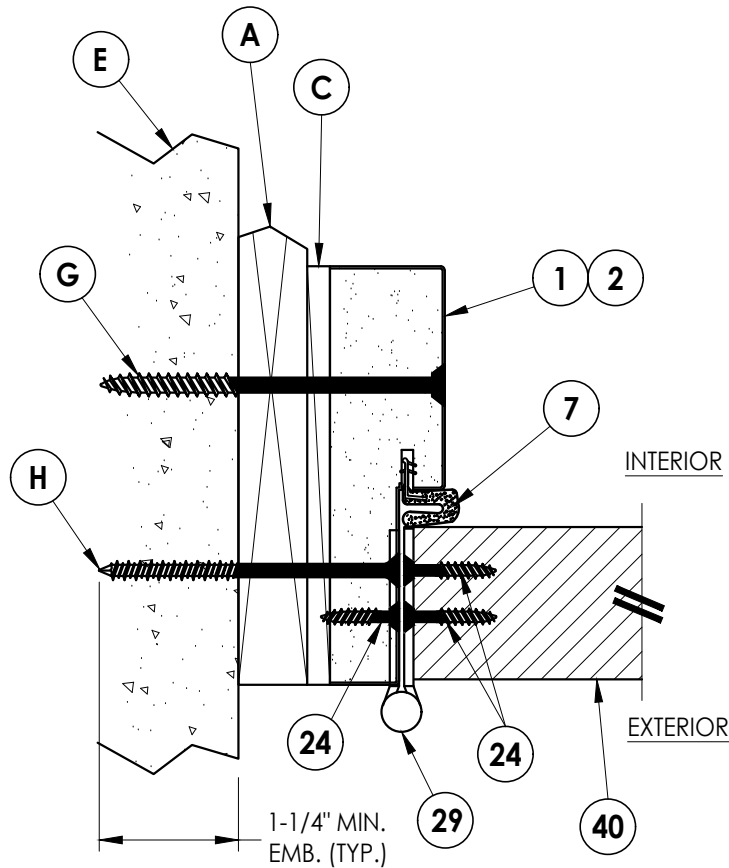
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Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

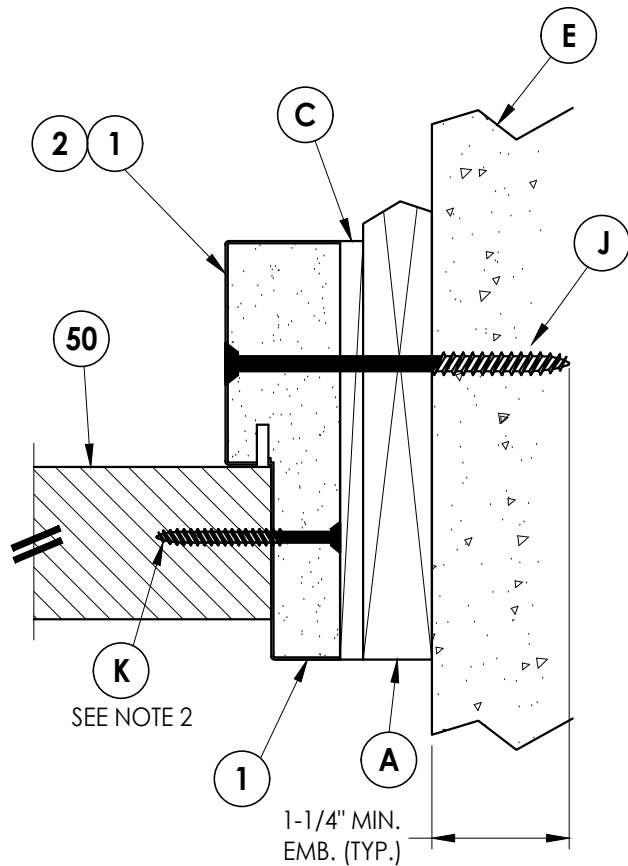
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Phone No.: 813.659.9197
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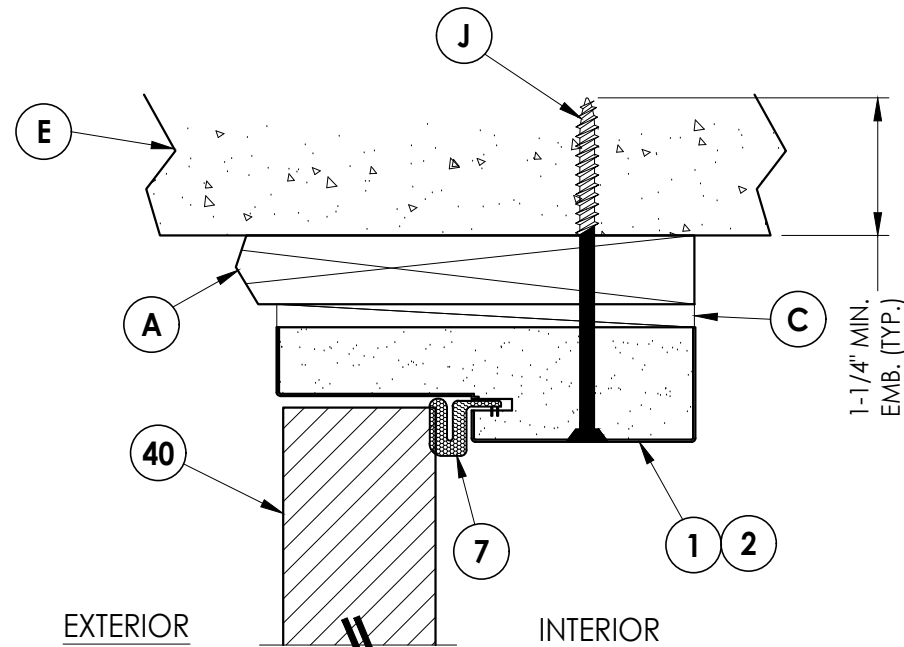
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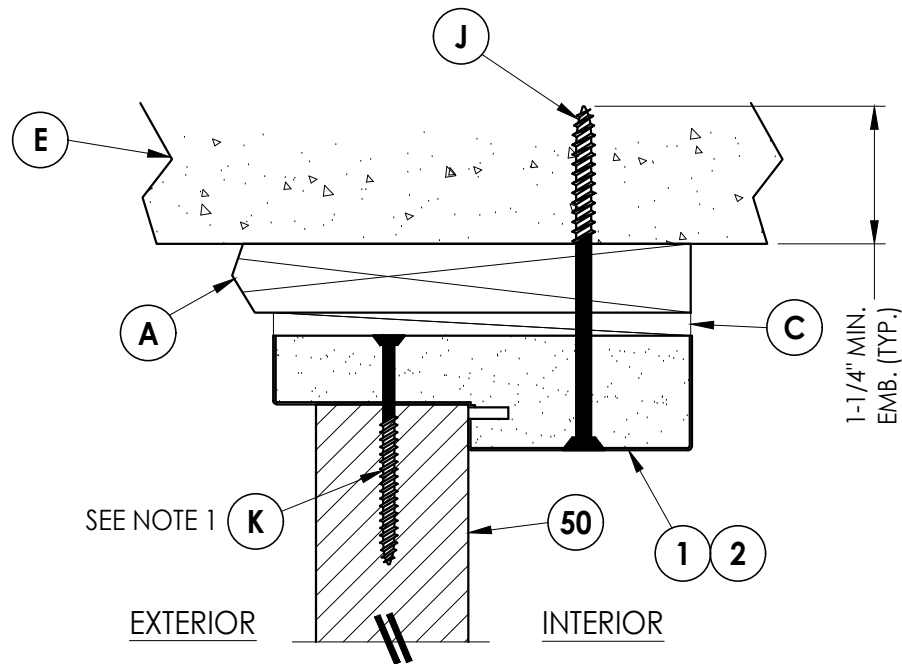
1
6 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



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)

- NOTE:
1. Spacing for item K: 3.75" from each end.
 2. Sidelite assembly screws located 6" from top and bottom then 7 more equally spaced (9 total).

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)

NO.	DATE	REVISIONS	BY
4	8/14/23	UPDATE TO 8TH ED. (2023) FBC	LFS
3	7/27/20	UPDATE TO 7TH ED. (2020) FBC	LFS
2	7/24/17	UPDATE TO 6TH ED. (2017) FBC	JK
1	04/14/15	UPDATE TO 5TH ED. (2014) FBC	JK

DATE: 02/15/12

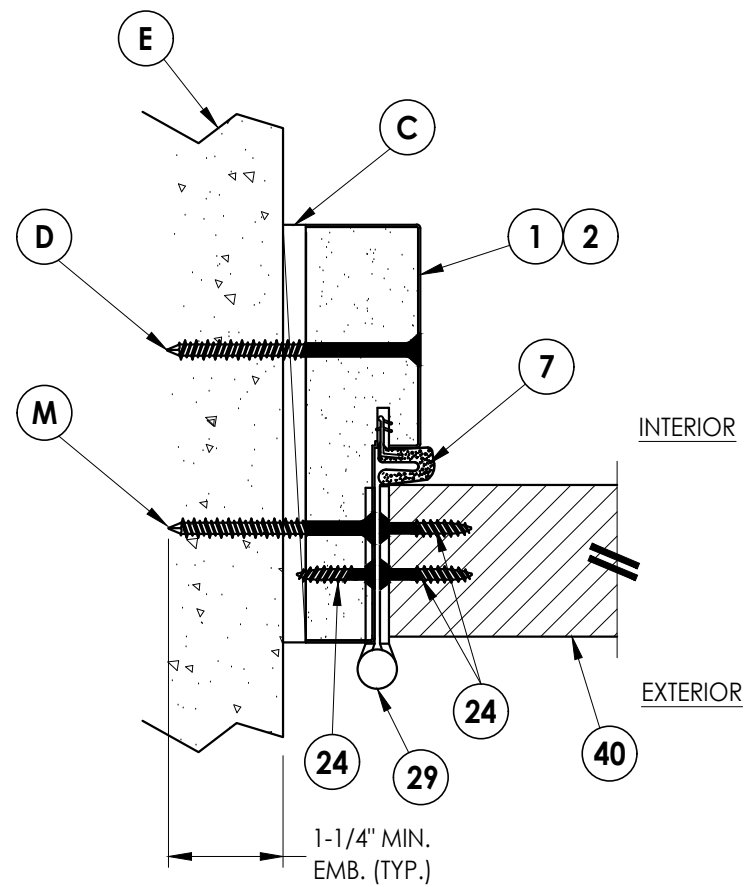
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DWG. BY: JK

CHK. BY: LFS

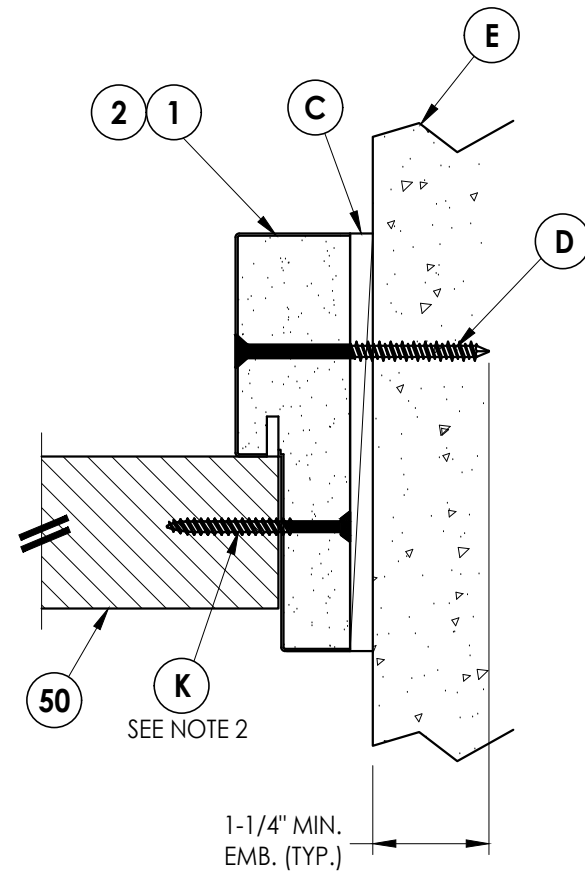
DRAWING NO.:
FL-15221.4

SHEET 6 OF 12



1 7 **HORIZONTAL CROSS SECTION**

Shown Direct to Masonry
Outswing shown (Inswing similar)

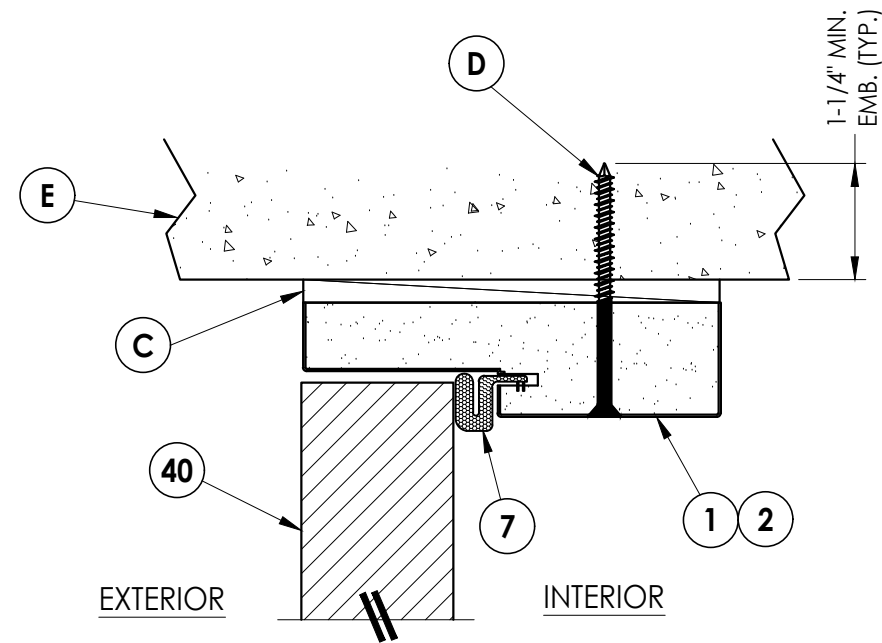


2 HORIZONTAL CROSS SECTION

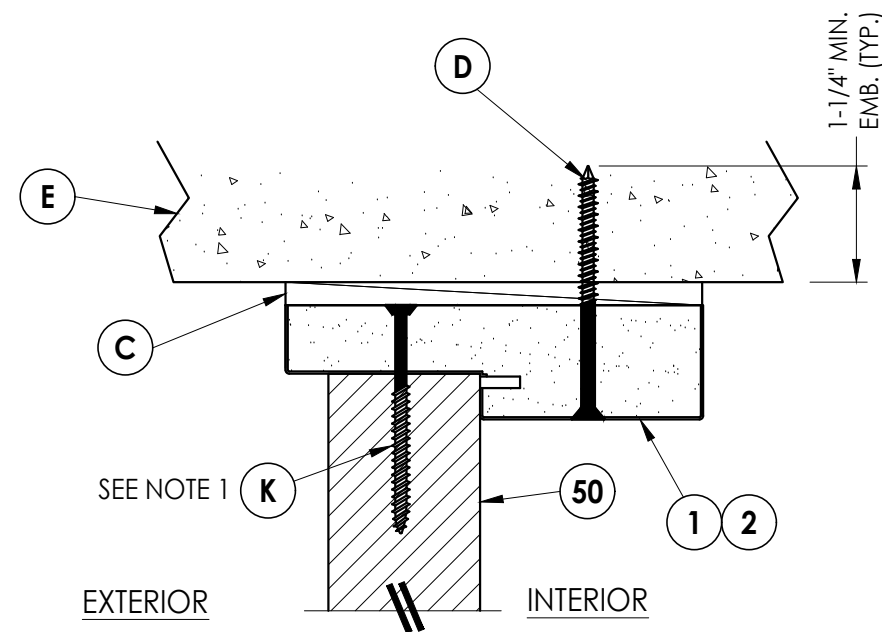
7 Shown Direct to Masonry
Outswing shown (Inswing similar)

NOTE:

1. Spacing for item K: 3.75" from each end.
2. Sidelite assembly screws located 6" from top and bottom then 7 more equally spaced (9 total).



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



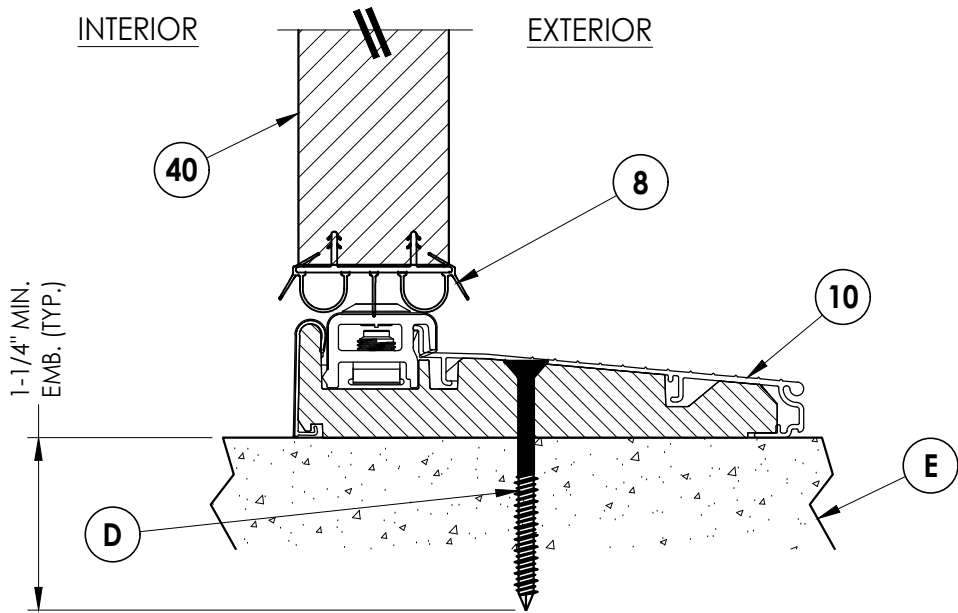
4 **VERTICAL CROSS SECTION**
7 Shown Direct to Masonry
 Outswing shown (Inswing similar)

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		3	7/27/20	UPDATE TO 7TH ED (2020)	FBC	LFS
		2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK
		1	04/14/15	UPDATE TO 5TH ED. (2014)	FBC	JK
		NO.	DATE			BY
REVISIONS						
DATE: 02/15/12						
SCALE: N.T.S.						
DWG. BY: JK						
CHK. BY: LFS						
DRAWING NO.: FL-15221.4						
SHEET 7 OF 12						

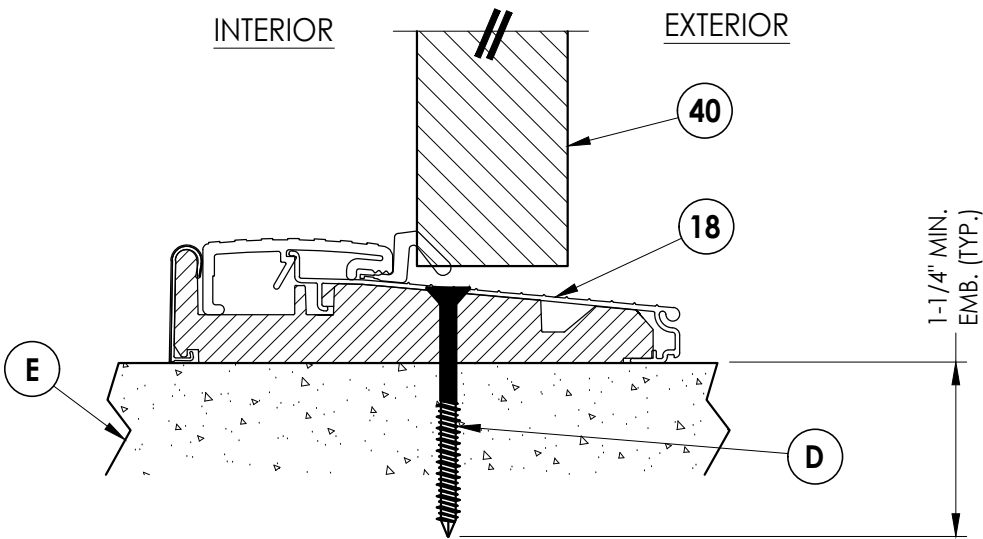
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

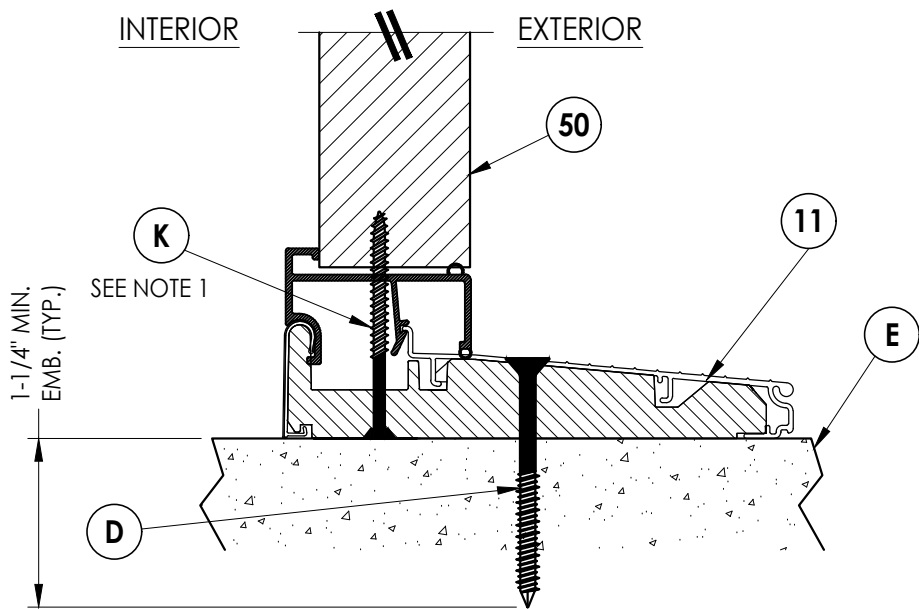
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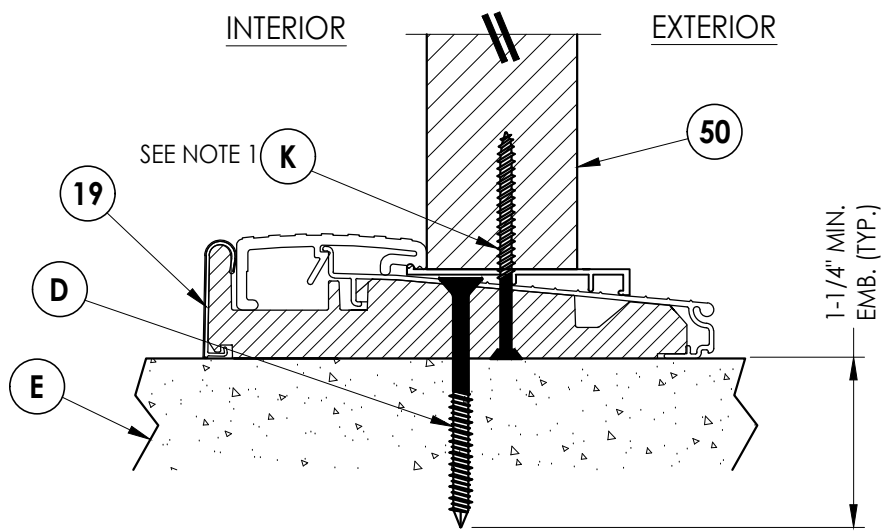
1
8 **VERTICAL CROSS SECTION**
Inswing shown - outswing also approved



2
8 **VERTICAL CROSS SECTION**
Outswing shown - inswing also approved



3
8 **VERTICAL CROSS SECTION**
Inswing shown



4
8 **VERTICAL CROSS SECTION**
Inswing shown

NOTE:
1. Spacing for item K:
3.75" from each end.

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:
VERTICAL CROSS SECTIONS
(THRESHOLDS)

NO.	DATE	REVISIONS
4	8/14/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	7/27/20	UPDATE TO 7TH ED (2020) FBC LFS
2	7/24/17	UPDATE TO 6TH ED. (2017) FBC JK
1	04/14/15	UPDATE TO 5TH ED. (2014) FBC JK
		BY

DATE: 02/15/12

SCALE: N.T.S.

DWG. BY: JK

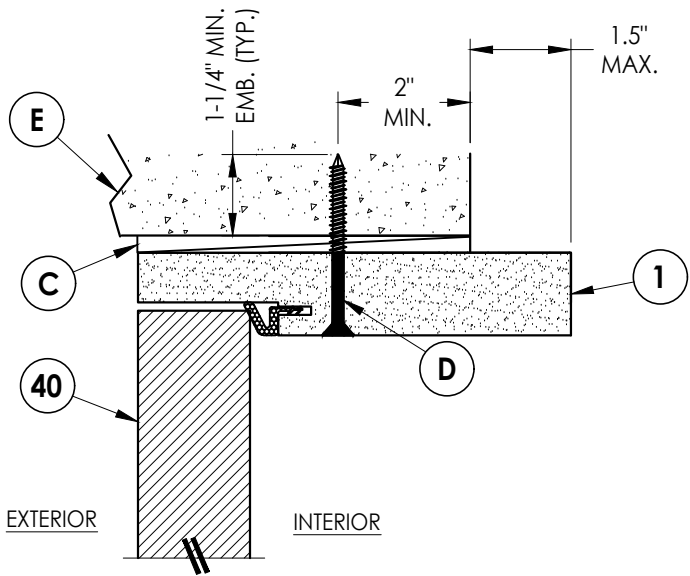
CHK. BY: LFS

DRAWING NO.:
FL-15221.4

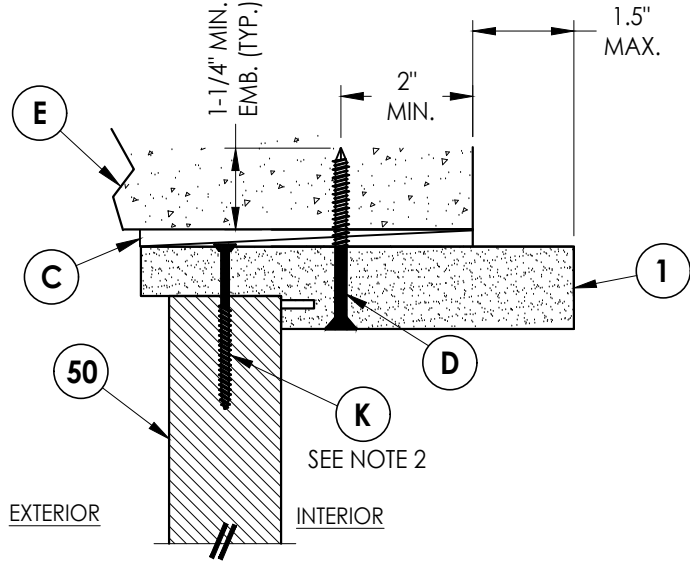
SHEET 8 OF 12

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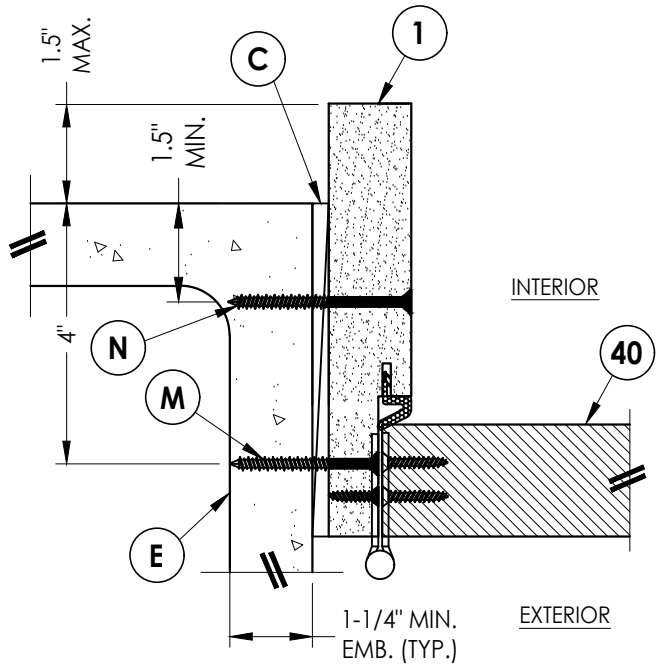
- Notes:
1. Spacing for item K: 6" from ends and 7 more equally spaced along sidelite (9 total).
 2. Spacing for item K: 3.75" from each end.



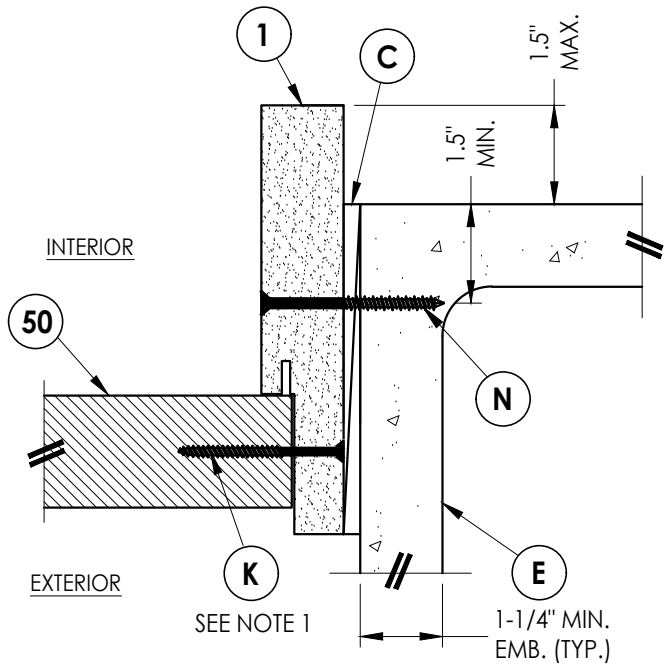
3
9 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



4
9 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



1
9 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



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

PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR	
	PART OR ASSEMBLY: HORIZONTAL & VERTICAL SECTIONS (DIRECT TO MASONRY)	

NO.	DATE	REVISIONS
4	8/14/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	7/27/20	UPDATE TO 7TH ED. (2020) FBC LFS
2	7/24/17	UPDATE TO 6TH ED. (2017) FBC JK
1	04/14/15	UPDATE TO 5TH ED. (2014) FBC JK
BY		

DATE: 02/15/12

SCALE: N.T.S.

DWG. BY: JK

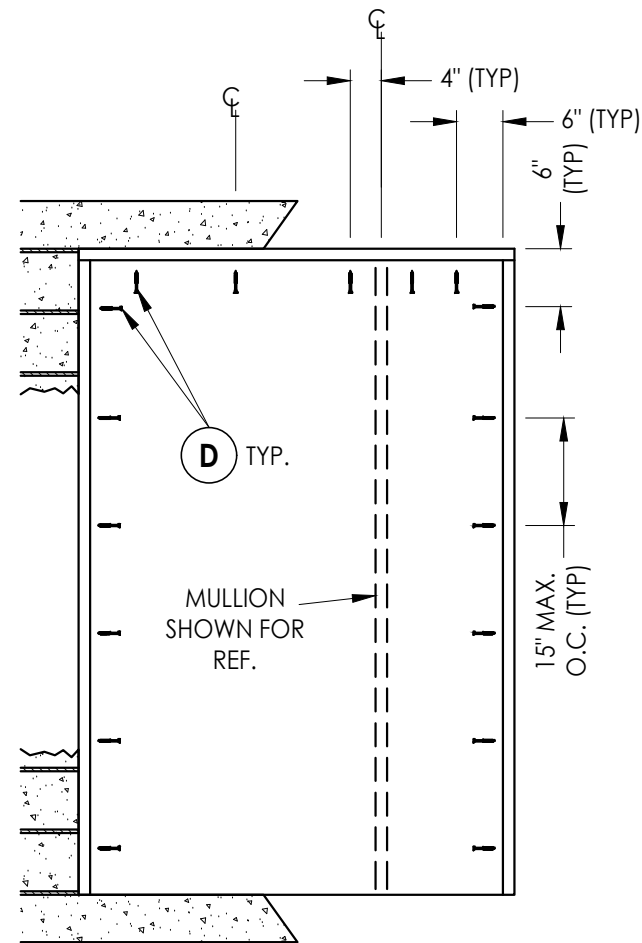
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FL-15221.4

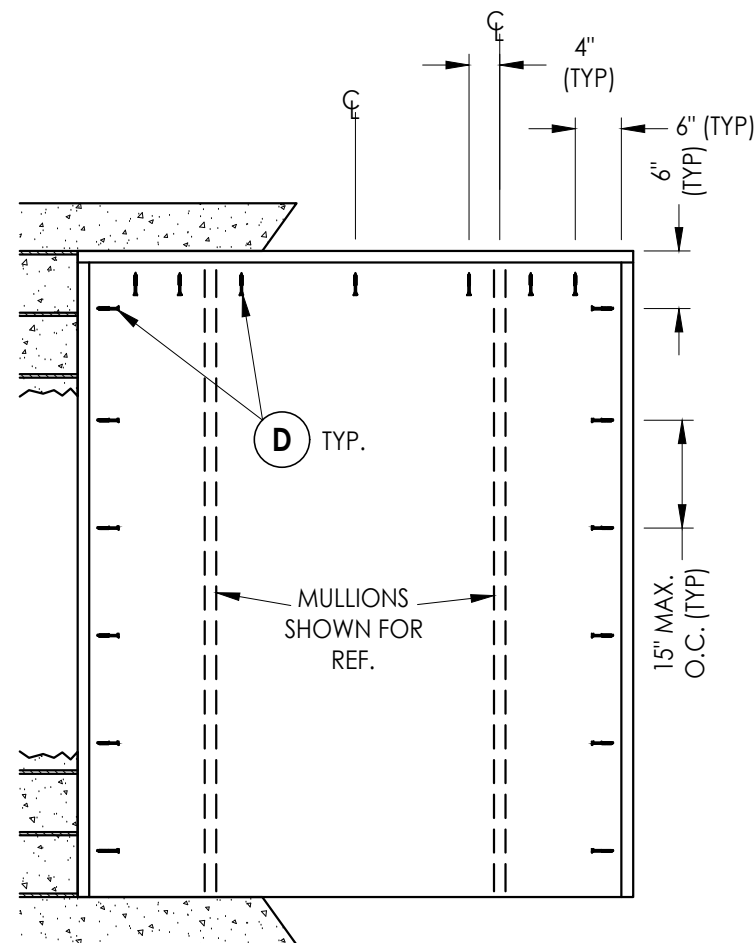
SHEET 9 OF 12

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



BUCK ANCHORING



BUCK ANCHORING
OXO

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 TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRAACON®	1/4"	1-1/4"	1"	4"

4	8/14/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
3	7/27/20	UPDATE TO 7TH ED (2020)	FBC	LFS
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK
1	04/14/15	UPDATE TO 5TH ED. (2014)	FBC	JK
NO.	DATE			BY
				REVISIONS

DATE: 02/15/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15221.4

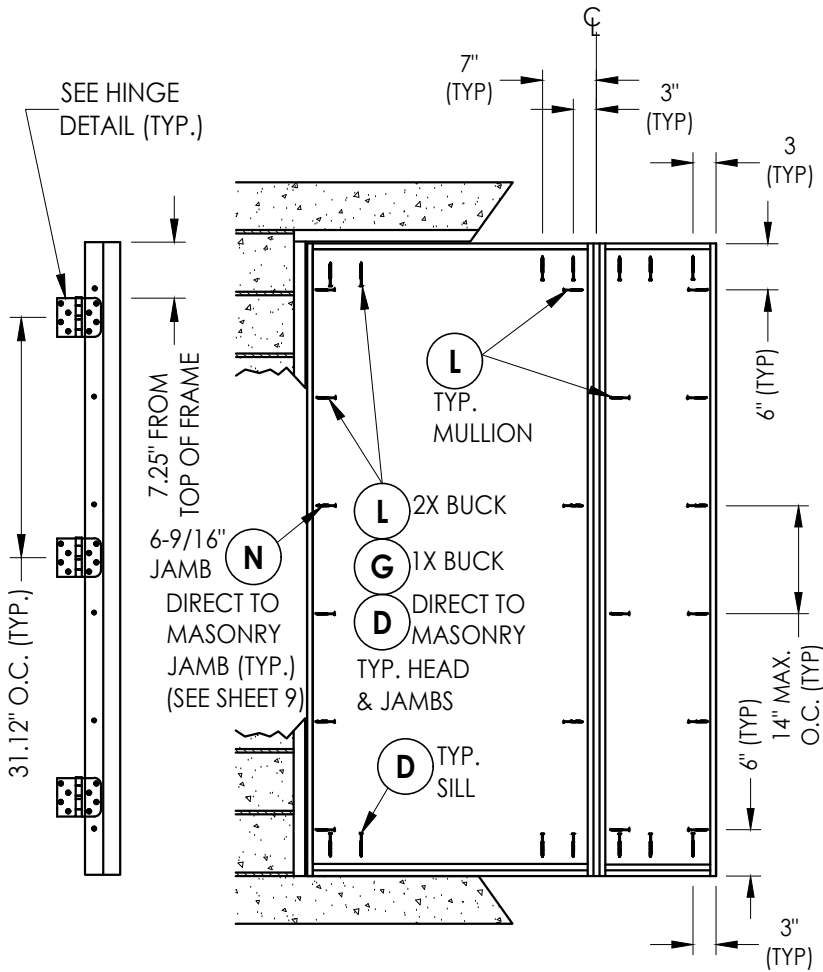
SHEET 10 OF 12

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

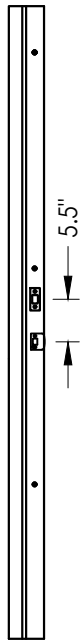
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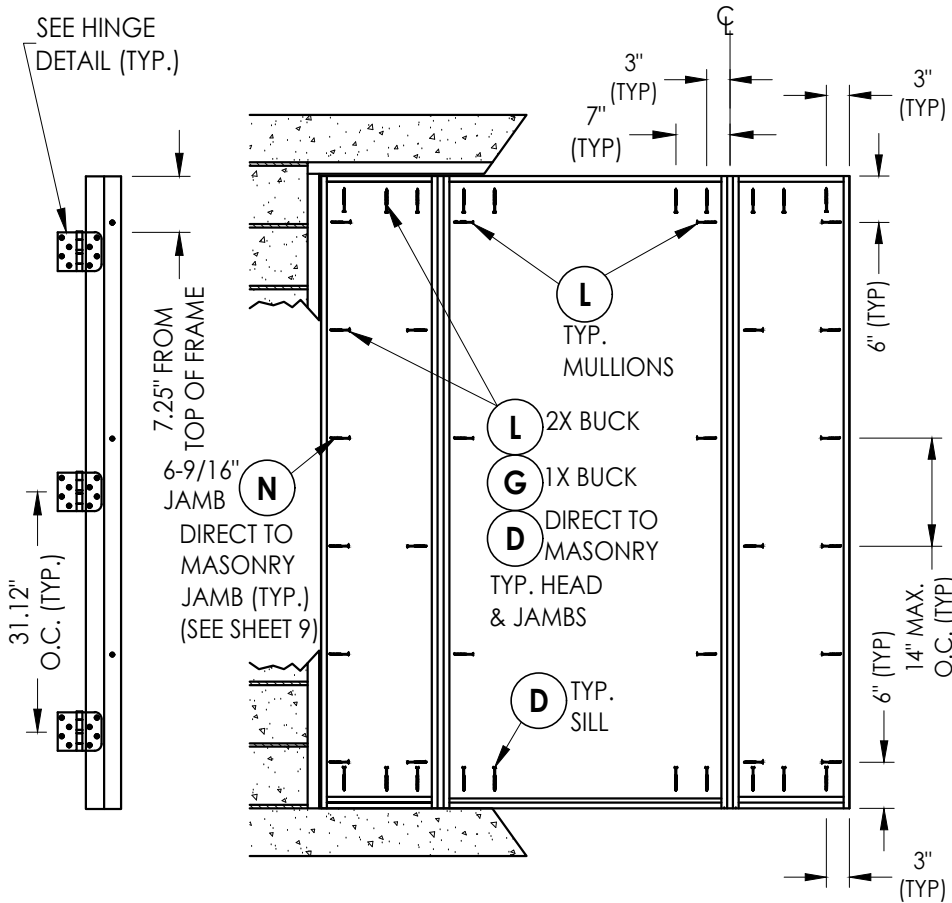


HINGE JAMB

FRAME ANCHORING
OX



STRIKE MULLION



HINGE MULLION

FRAME ANCHORING
OXO



STRIKE MULLION

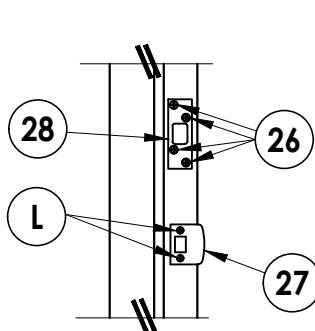
CONCRETE ANCHOR NOTES:

- 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:

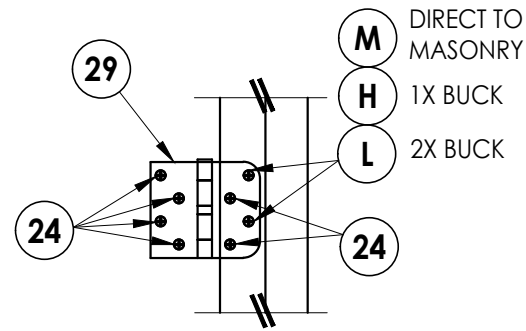
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

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.



LATCH AND DEADBOLT
Details



HINGE DETAIL

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

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

NO.	DATE	REVISIONS
4	8/14/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	7/27/20	UPDATE TO 7TH ED. (2020) FBC JK
2	7/24/17	UPDATE TO 6TH ED. (2017) FBC JK
1	04/14/15	UPDATE TO 5TH ED. (2014) FBC BY

DATE: 02/15/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15221.4

SHEET 11 OF 12

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

