



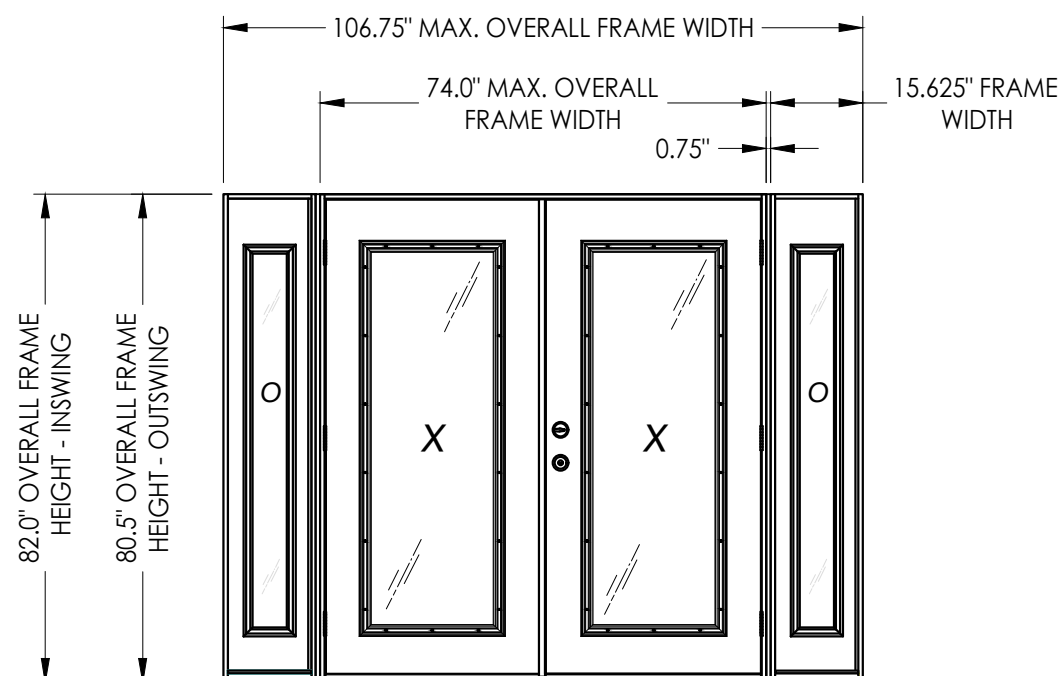
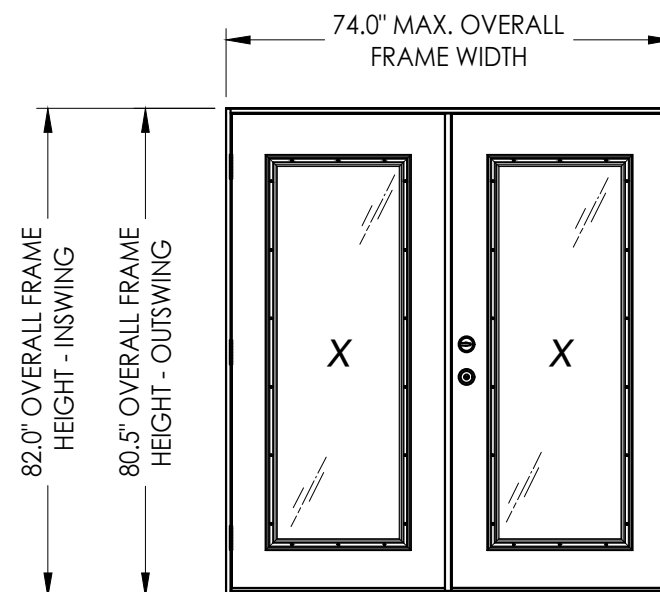
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

Smooth / Wood Grain / White Wood Grain
Rustic / Mahogany
Fiberglass Door
INSWING / OUTSWING
"NON-IMPACT"

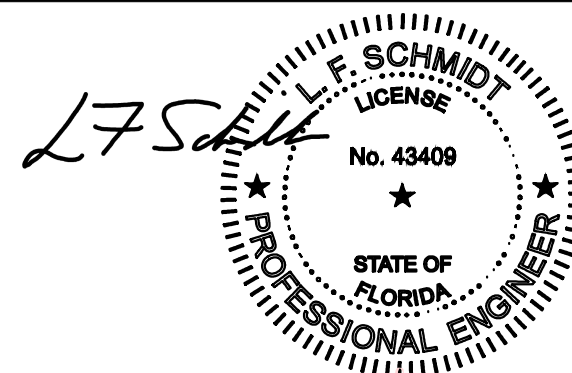
GENERAL NOTES

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
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 and frame anchoring (XX)
11	Buck and frame anchoring (OXXO)
12	Astragal details
13	Bill of materials, components and glazing details



CONFIGURATION	MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
XX	74.0" x 82.0"	21.0" X 63.0"	+45.0	-45.0
OXXO	106.75" x 82.0"	21.0" X 63.0"	+45.0	-45.0



Digitally signed by Lyndon F Schmidt
Date: 2023.08.14 10:42:13 -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

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

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

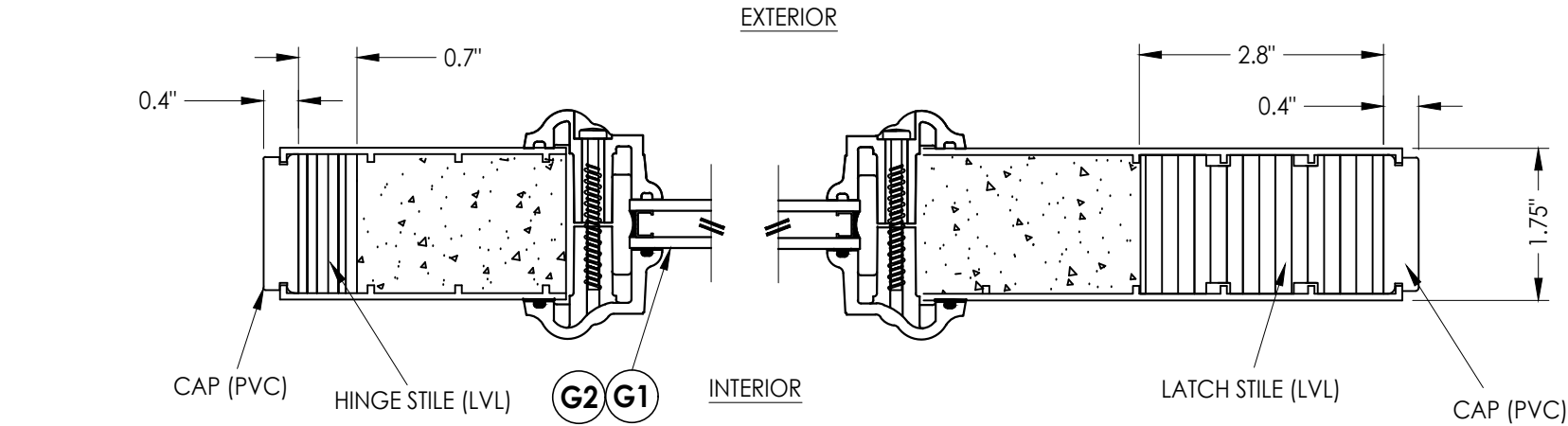
CHK. BY: IFS

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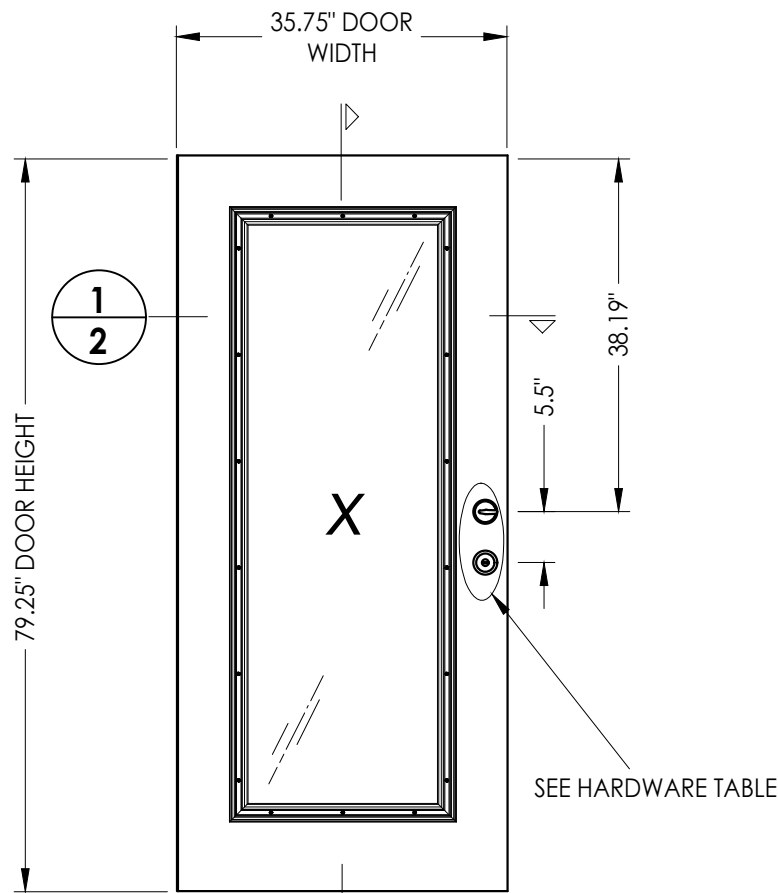
FL-15221.10

SHEET 1 OF 13

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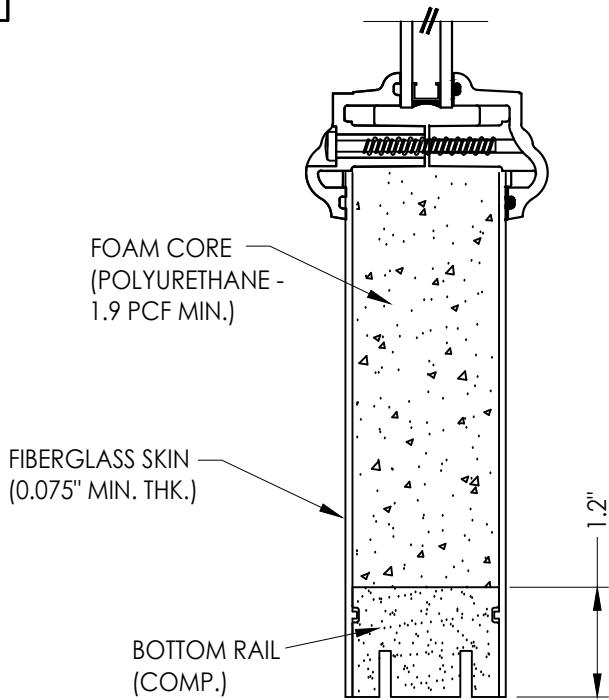
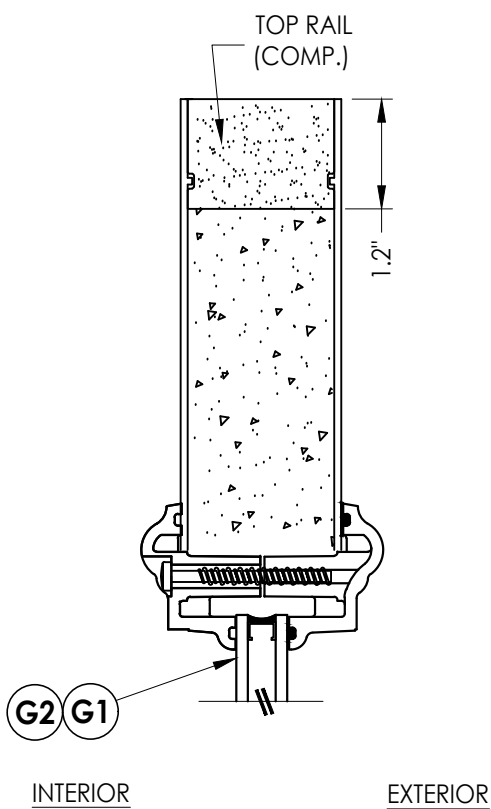
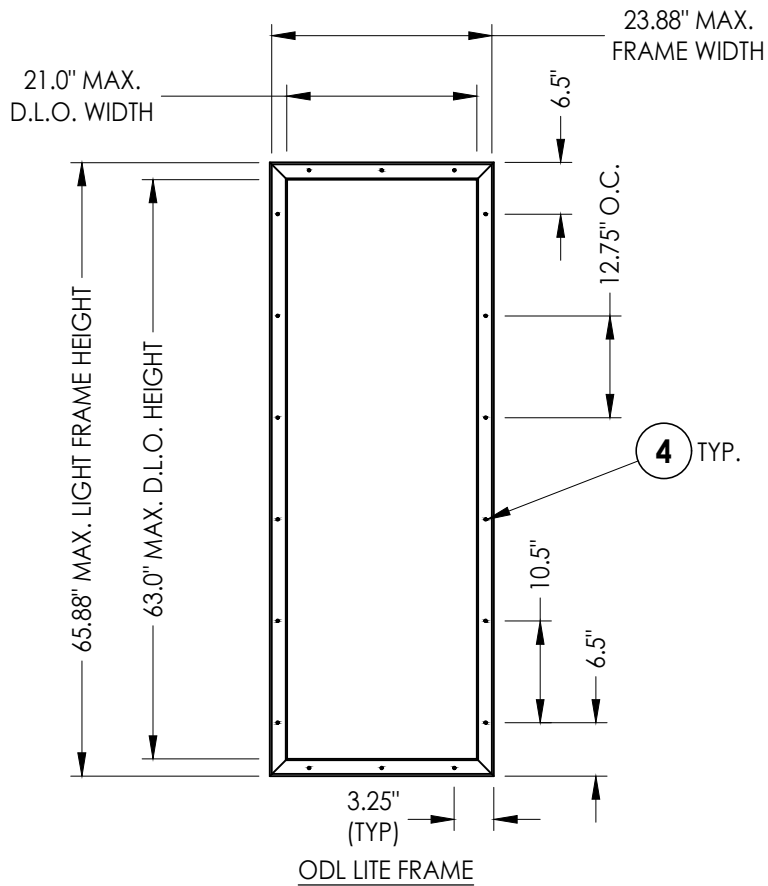


1
2 HORIZONTAL CROSS SECTION



1
2
40 DOOR PANEL
Plastpro
Fiberglass

HARDWARE TABLE	
MANUFACTURER	MODEL
KWIKSET	Knob: SIGNATURE SERIES Deadbolt: SIGNATURE SERIES (780)
SCHLAGE	Knob: "F" SERIES (F10) Lever: "F" SERIES (F10) Deadbolt: "B" SERIES (B60/62)
SCHLAGE	HANDLE SET W/DEADBOLT: "F" SERIES (F60)



2
2 VERTICAL CROSS SECTION

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:
DOOR PANEL DETAILS

		REVISIONS			
NO.	DATE	BY	JK	LFS	FBC
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.

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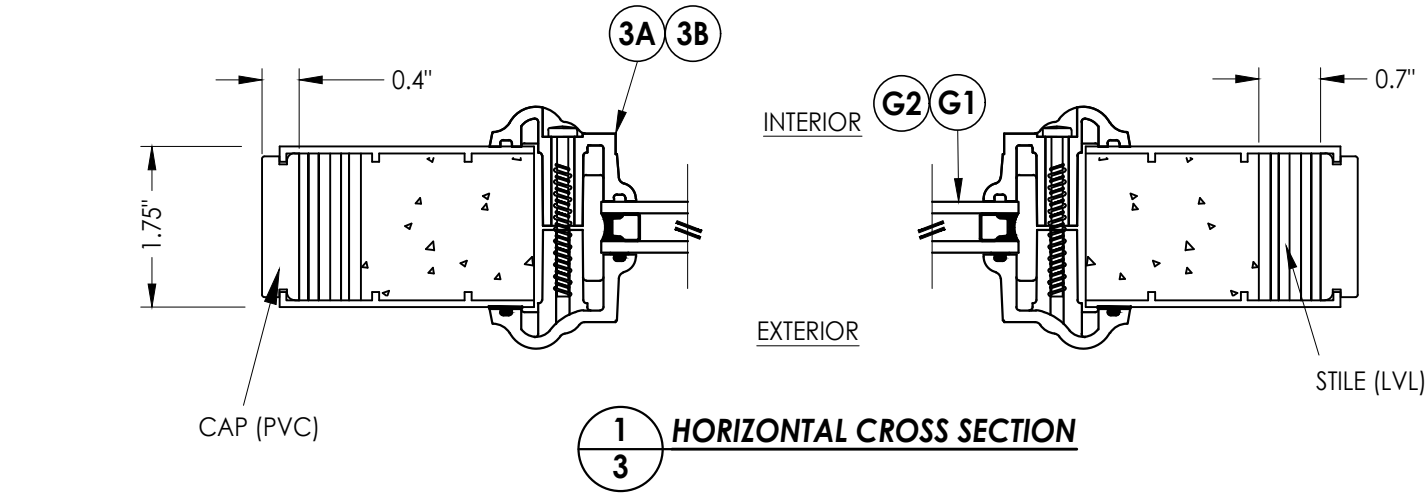
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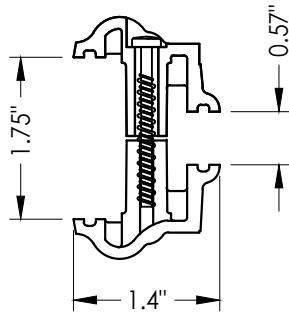
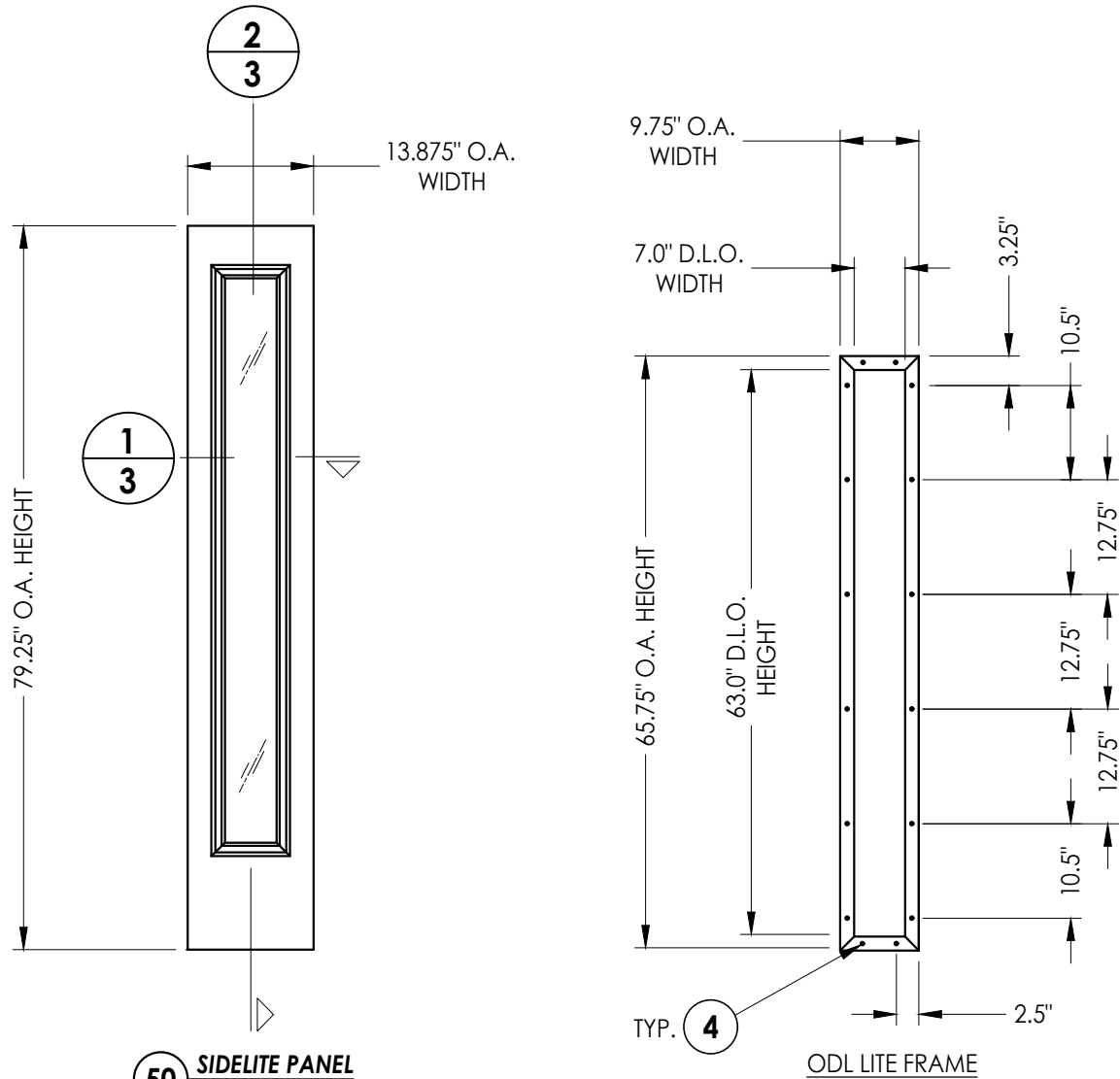
FL-15221.10

SHEET 2 OF 13

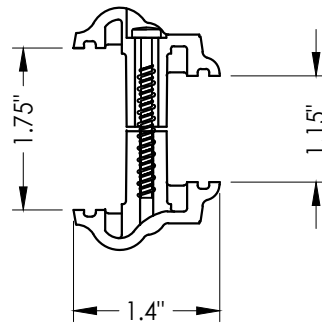
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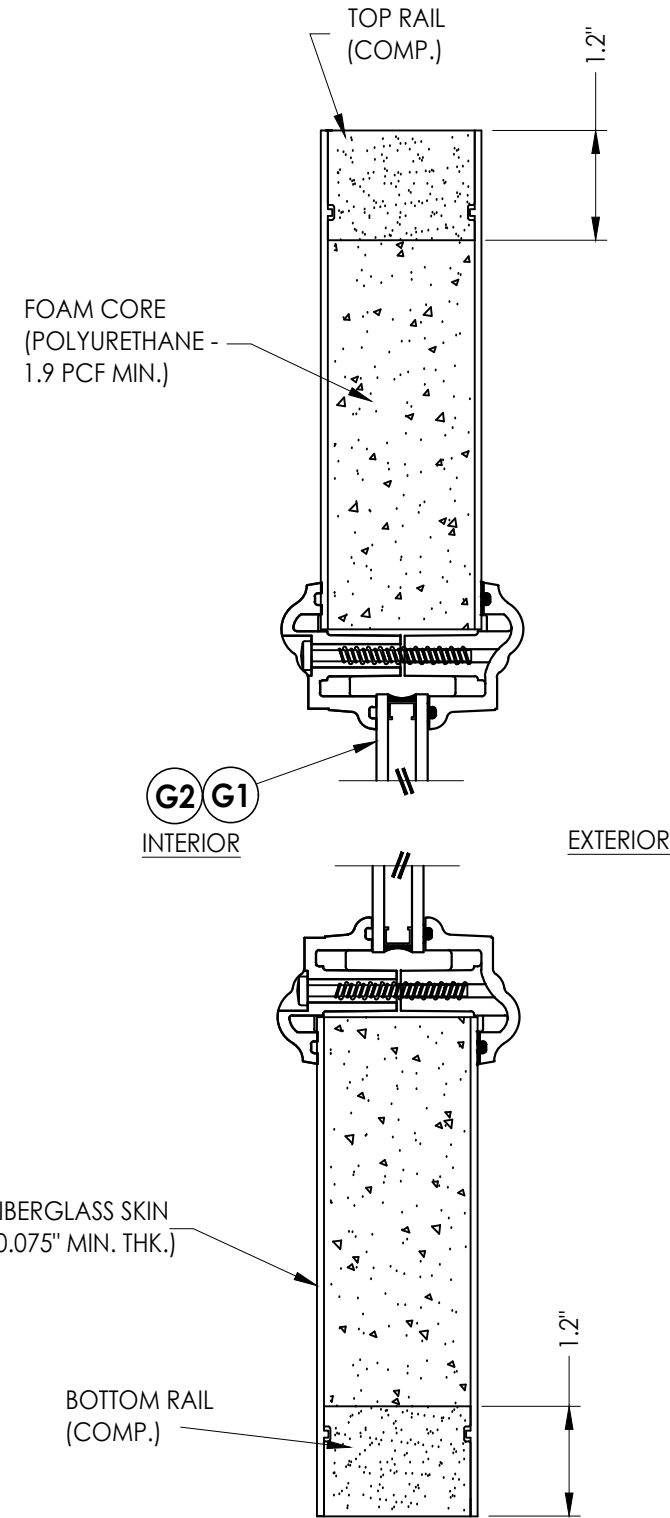
1
3 **HORIZONTAL CROSS SECTION**



3A **OD LITE FRAME**
HP Polypropylene
1/2" I.G.



3B **OD LITE FRAME**
HP Polypropylene
1" I.G.



2
3 **VERTICAL CROSS SECTION**

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FBPE Registry No. 9813

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
SIDELITE 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

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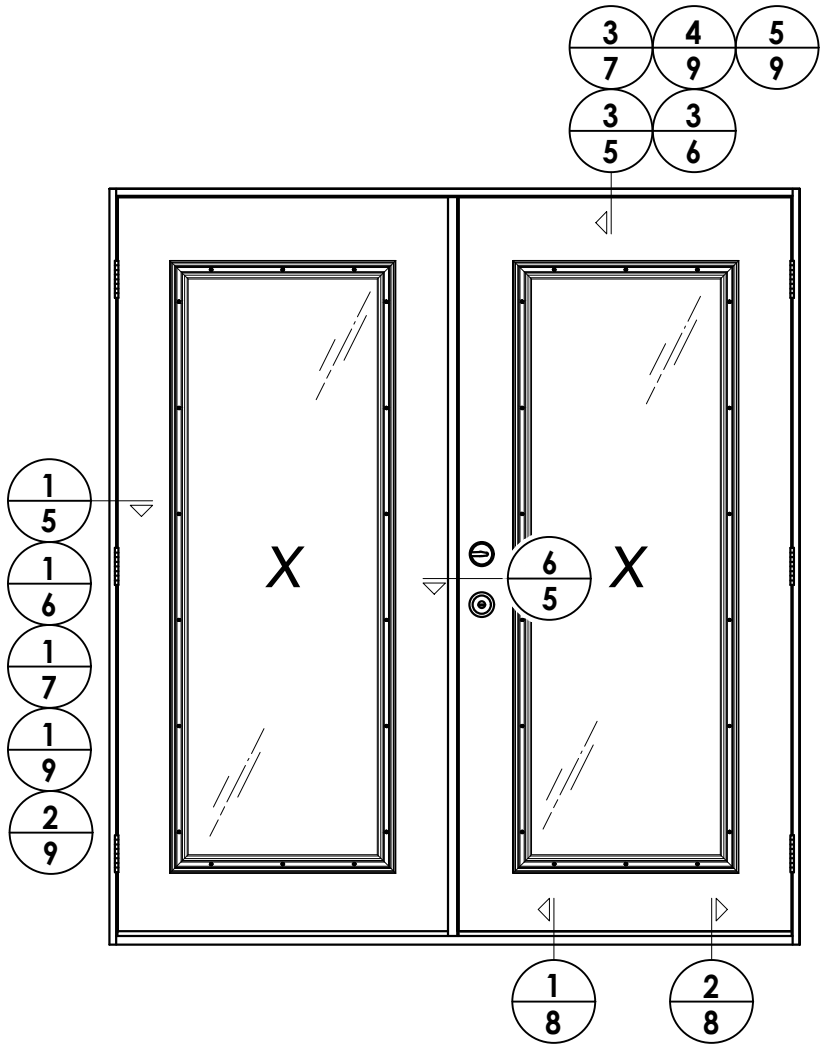
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CHK. BY: LFS

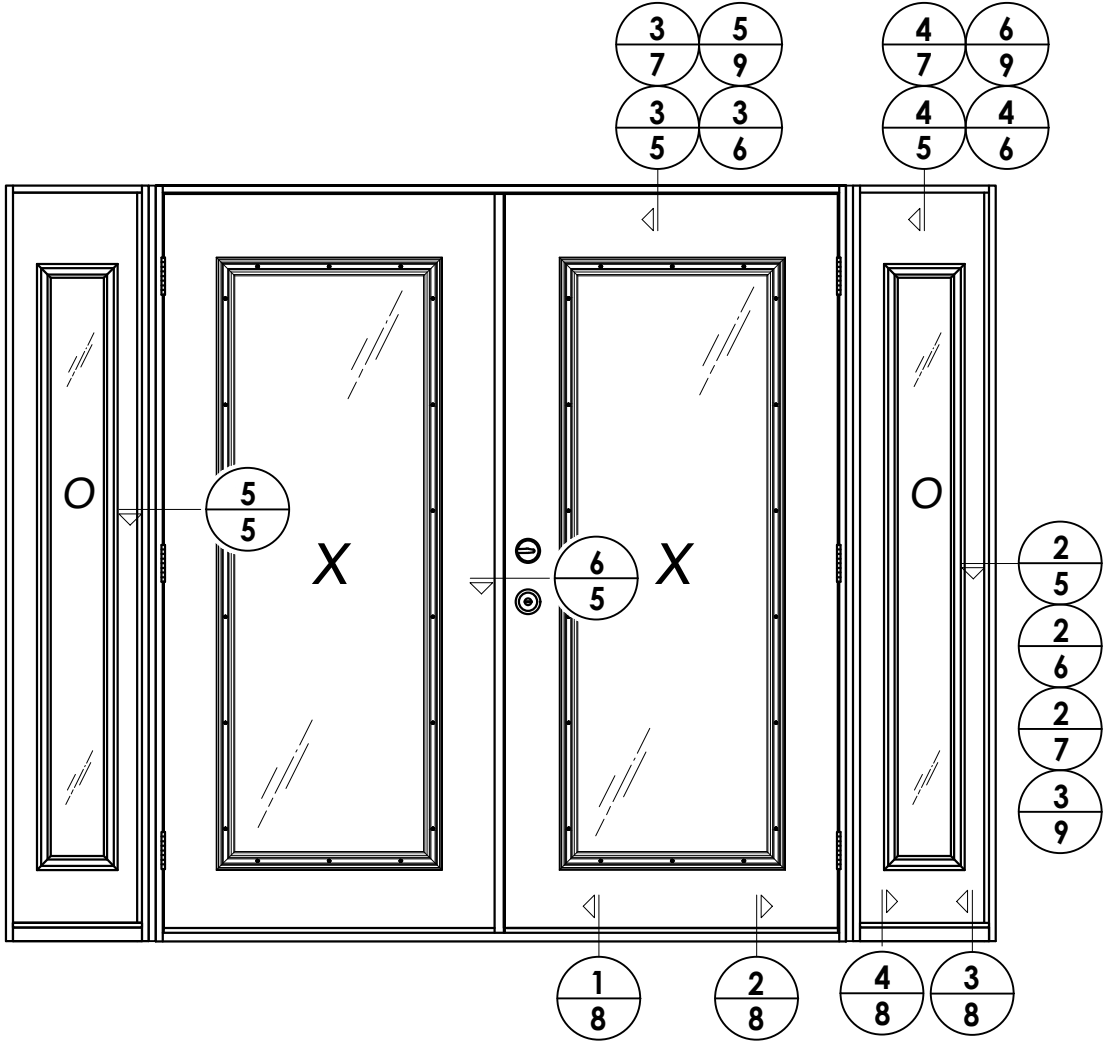
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SHEET 3 OF 13

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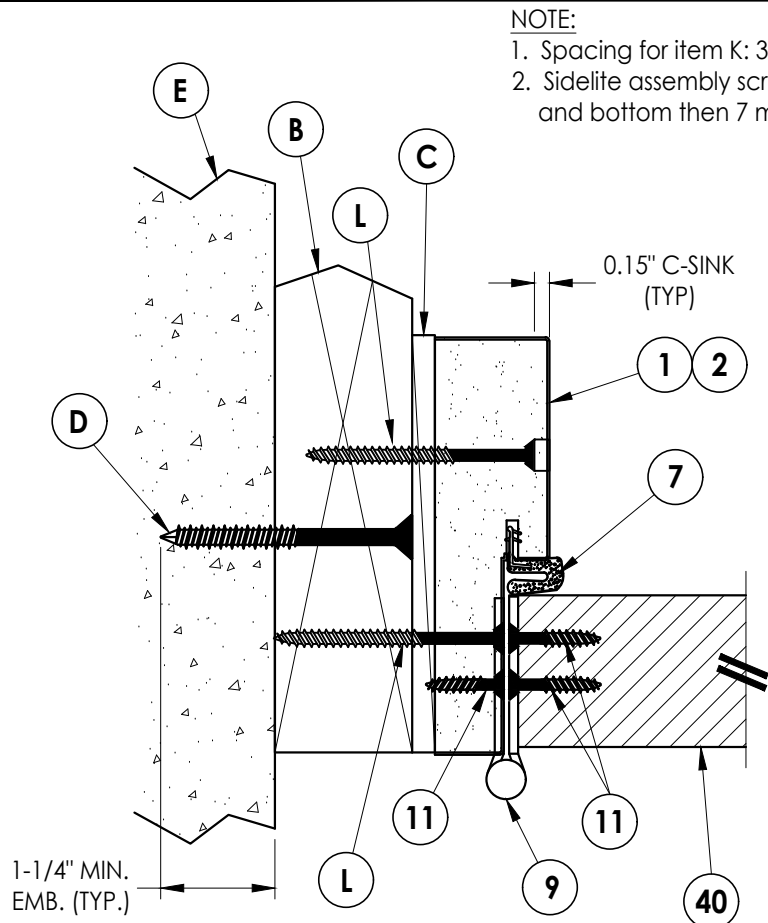
ELEVATION (XX)



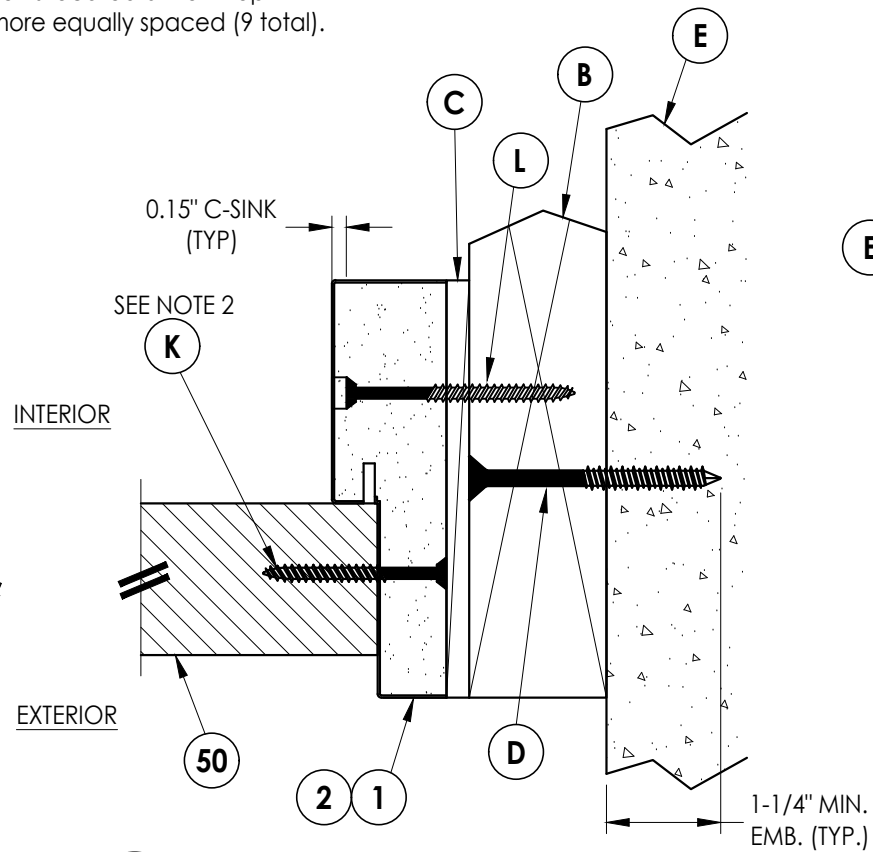
ELEVATION (OXXO)

DATE: 02/15/12										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									
SCALE: N.T.S.																			
DWG. BY: JK																			
CHK. BY: LFS																			
DRAWING NO.: FL-15221.10																			
SHEET 4 OF 13										PRODUCT: PLASTPRO INC. FIBERGLASS DOOR									
										PART OR ASSEMBLY: ELEVATIONS									
										REVISIONS									

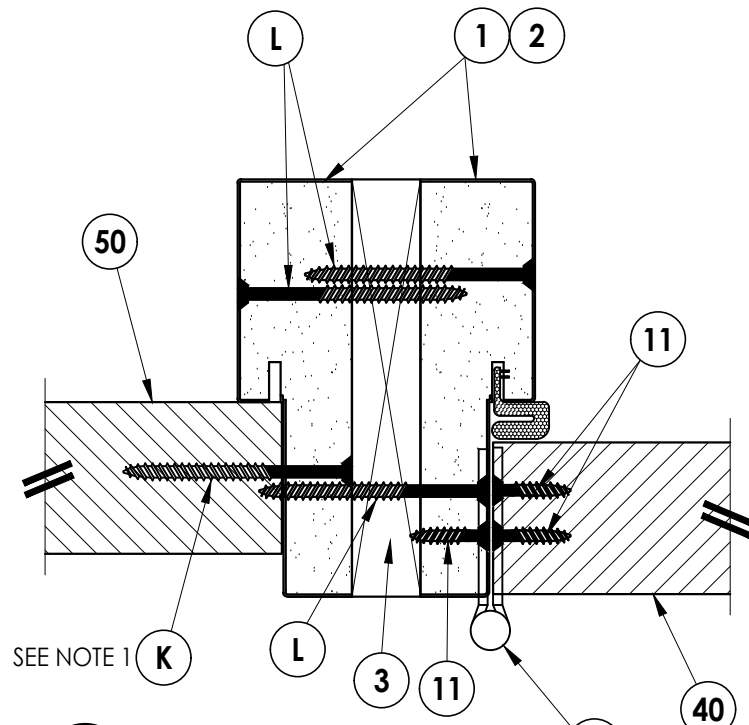
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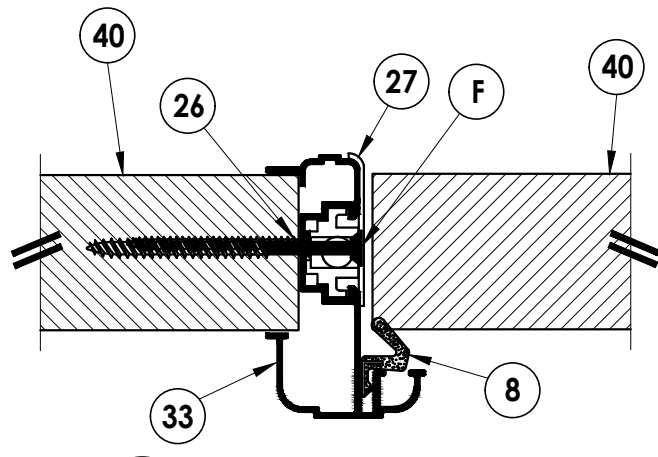
1
5 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)



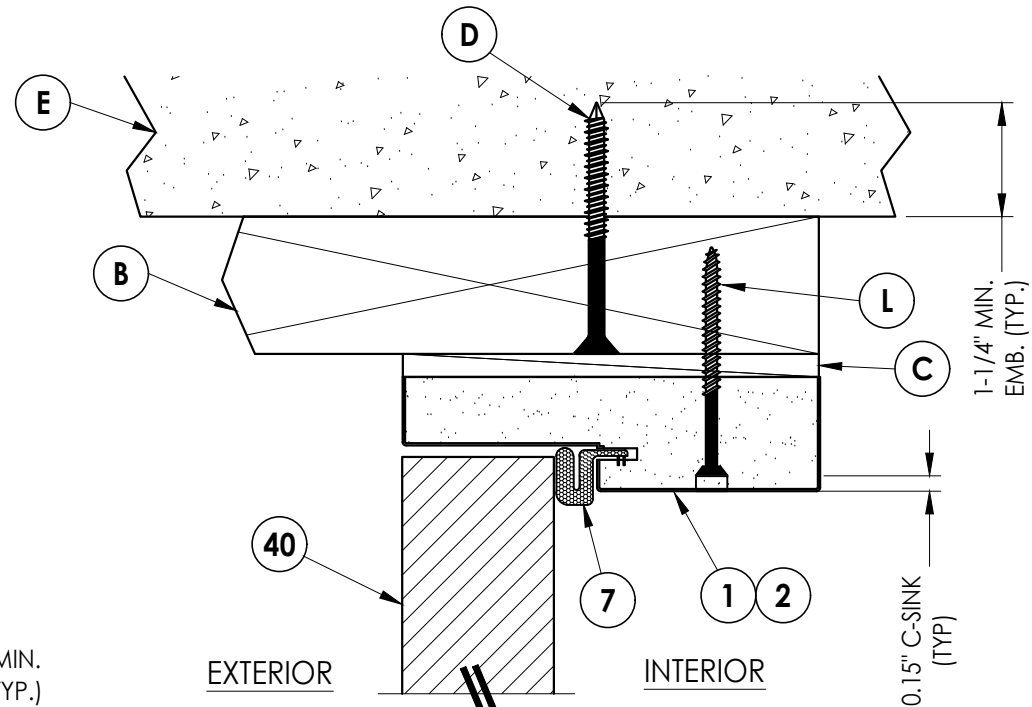
2
5 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)



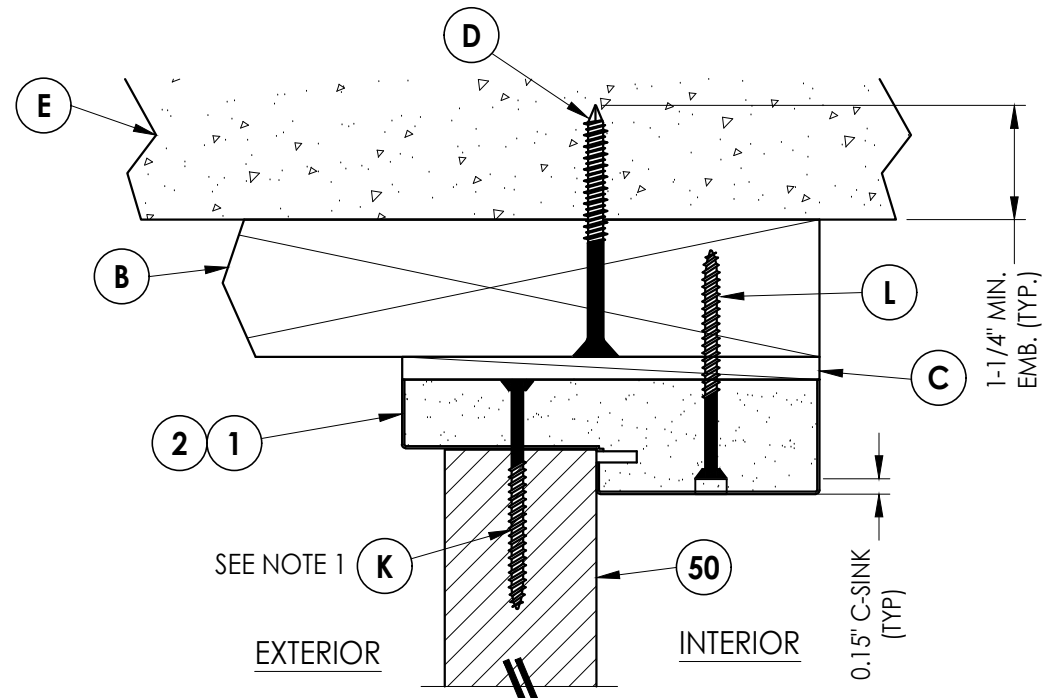
5
5 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)



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



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



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

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:
HORIZONTAL & VERTICAL
CROSS SECTIONS (2X BUCK)

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

DATE: 02/15/12

SCALE: N.T.S.

DWG. BY: JK

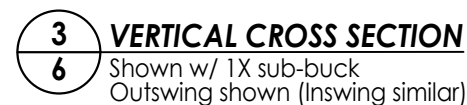
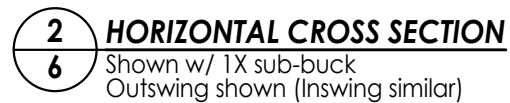
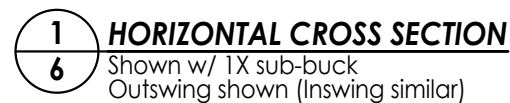
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DRAWING NO.:

FL-15221.10

SHEET 5 OF 13

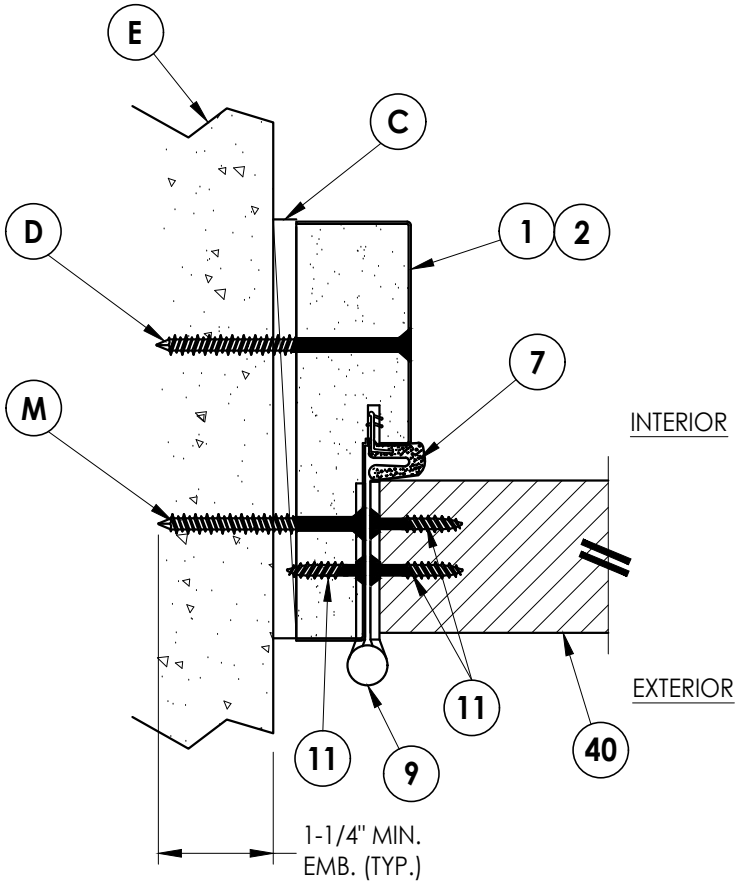
1. Sidelite assembly screws located 6" from top and bottom then 5 more equally spaced (7 total).
2. Spacing for item K: 3" from each end and @ center line (3 total).



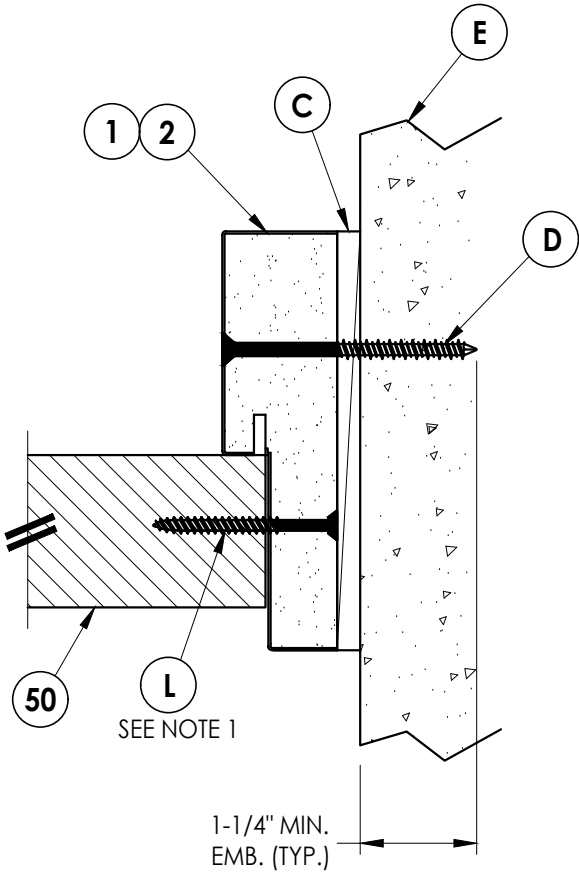
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		3		7/27/20		UPDATE TO 7TH ED (2020)		FBC		LFS	
		2		7/24/17		UPDATE TO 6TH ED. (2017)		FBC		JK	
		1		04/14/15		UPDATE TO 5TH ED. (2014)		FBC		JK	
		NO.		DATE						BY	
										REVISIONS	

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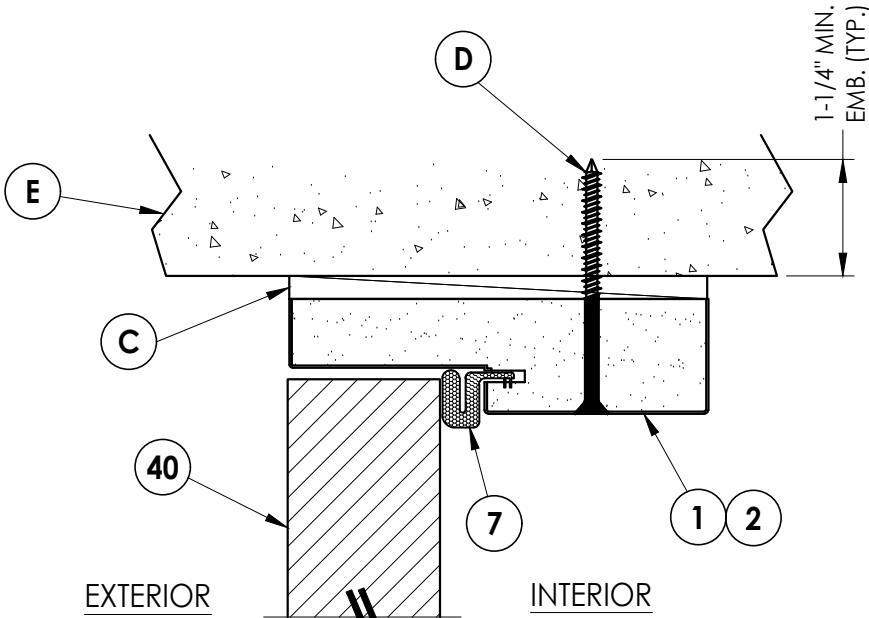
- Note:
1. Sidelite assembly screws located 6" from top and bottom then 5 more equally spaced (7 total).
 2. Spacing for item K: 3" from each end and @ center line (3 total).



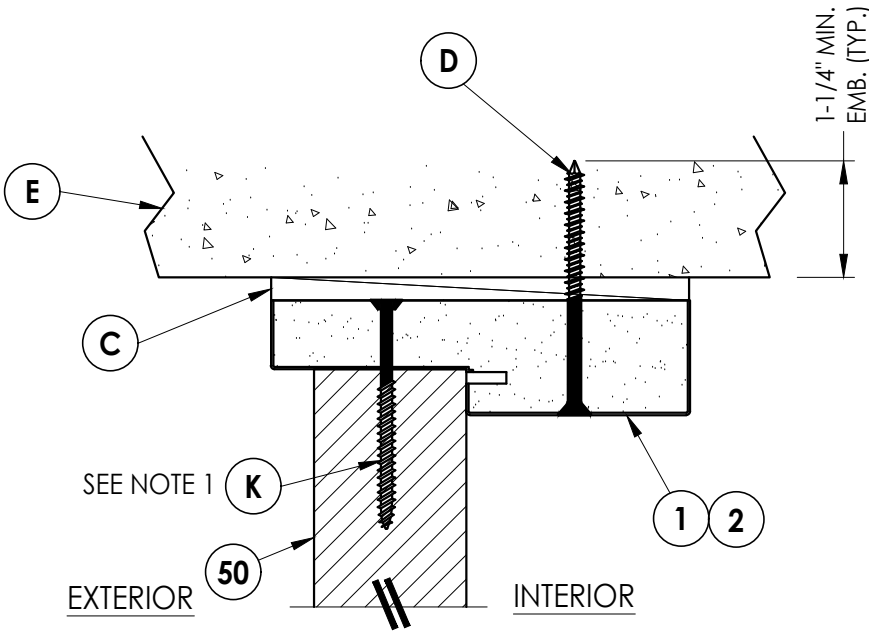
1
7 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)



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:
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P.E. No. 43409

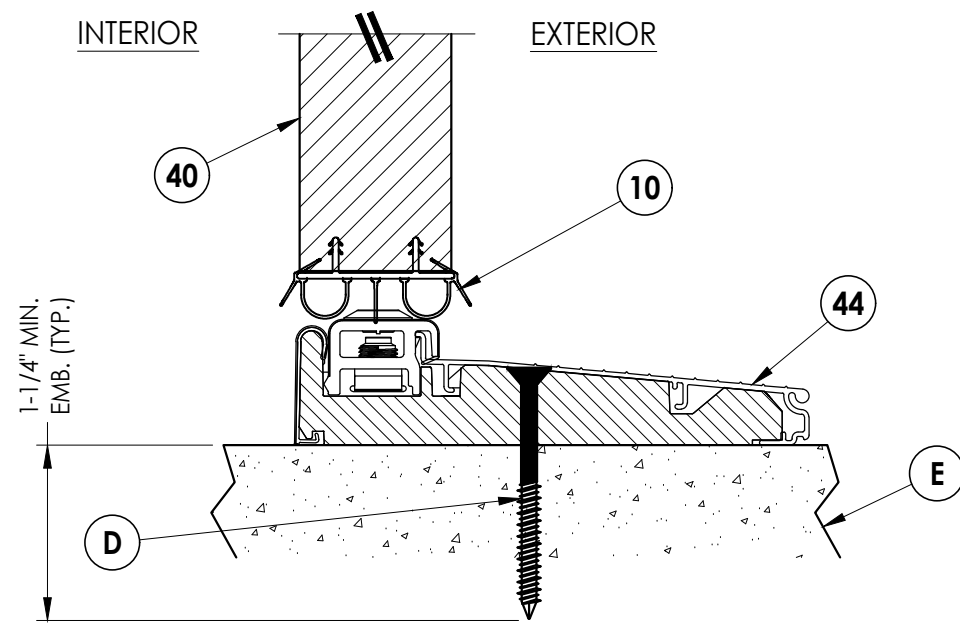
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

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

NO.	DATE	REVISIONS
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

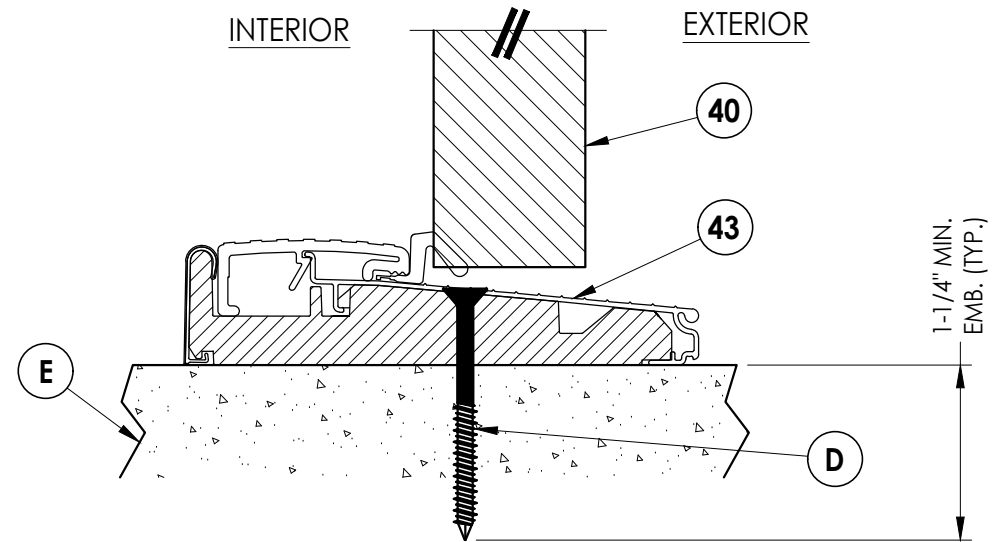
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SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-15221.10
SHEET 7 OF 13



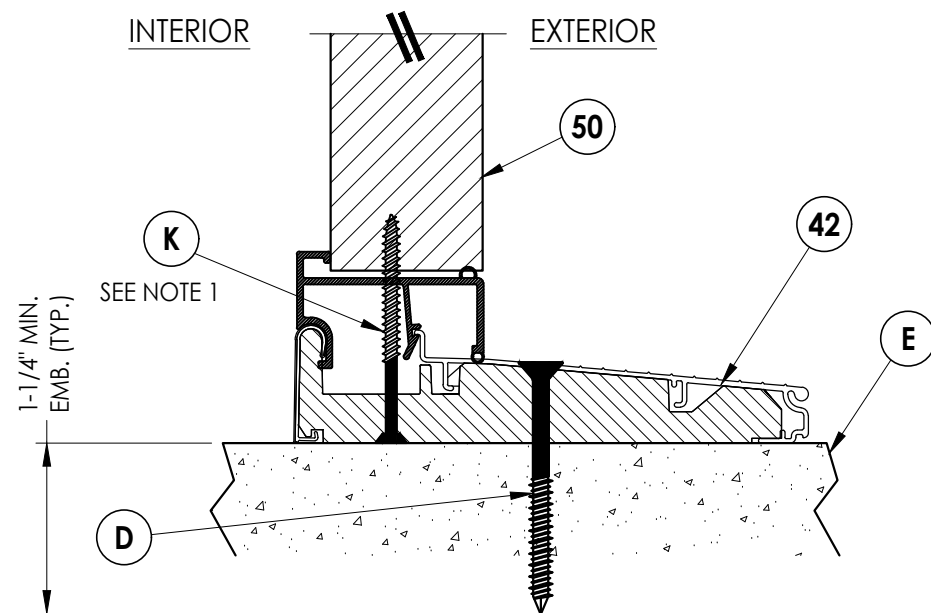
1 **VERTICAL CROSS SECTION**
8 Inswing shown

NOTE

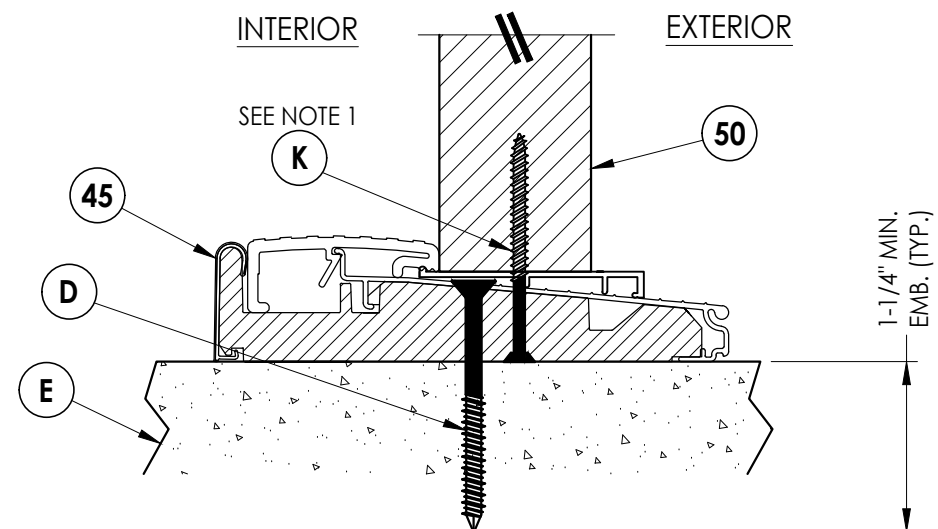
1. Spacing for item K:
6" from each end
and at centerline.



2 **VERTICAL CROSS SECTION**
8 Outswing shown



3 **VERTICAL CROSS SECTION**
8 Inswing shown



4 **VERTICAL CROSS SECTION**
8 Outswing shown

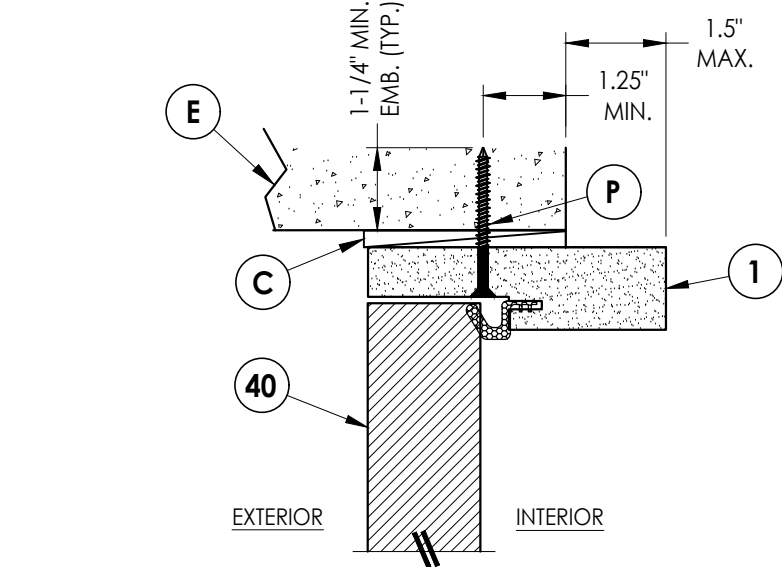
[illegible]

PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY:	VERTICAL CROSS SECTIONS (THRESHOLDS)

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

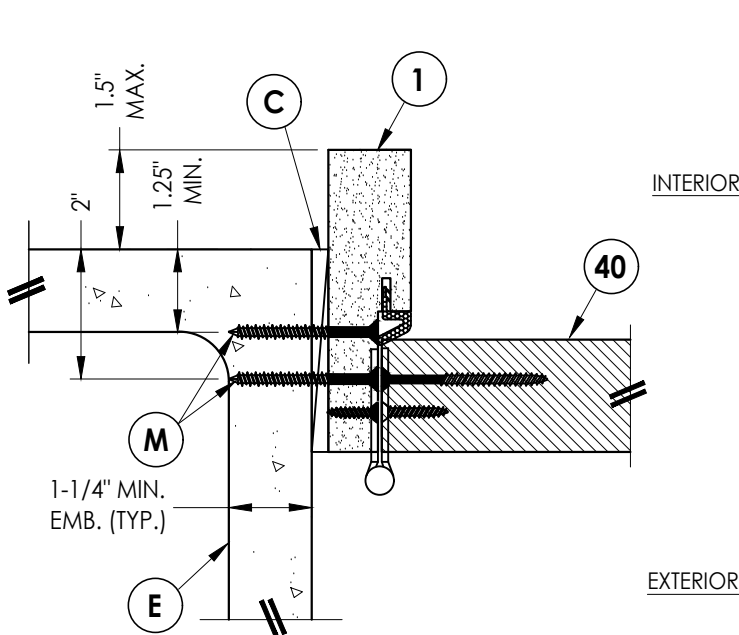
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
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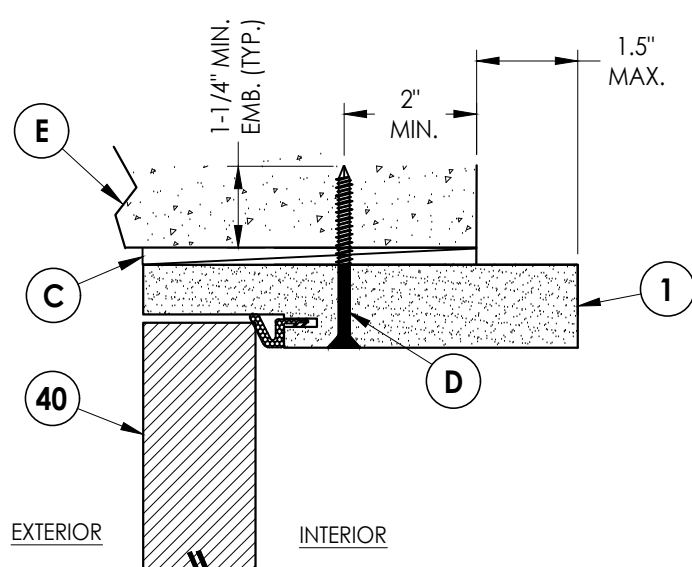


4
9 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb
Double Door Only (N/A w/ Sidelites)

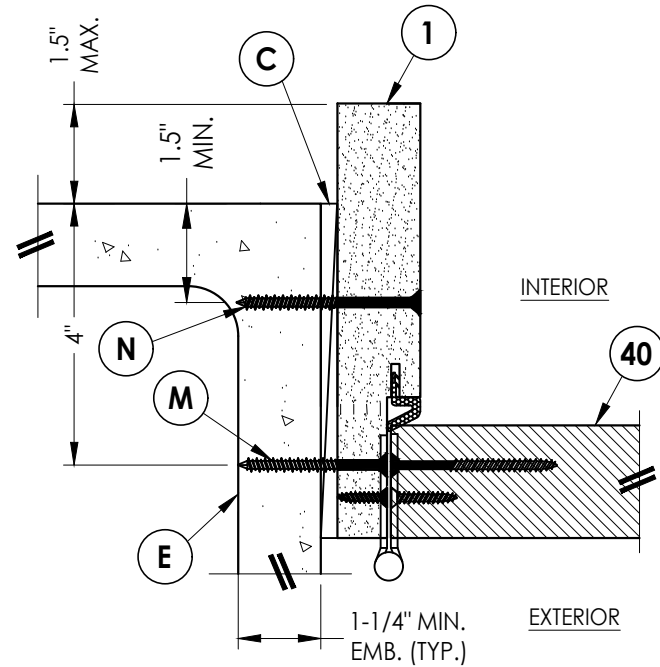
- Note:
- Sidelite assembly screws located 6" from top and bottom then 5 more equally spaced (7 total).
 - Spacing for item K: 3" from each end and @ center line (3 total).



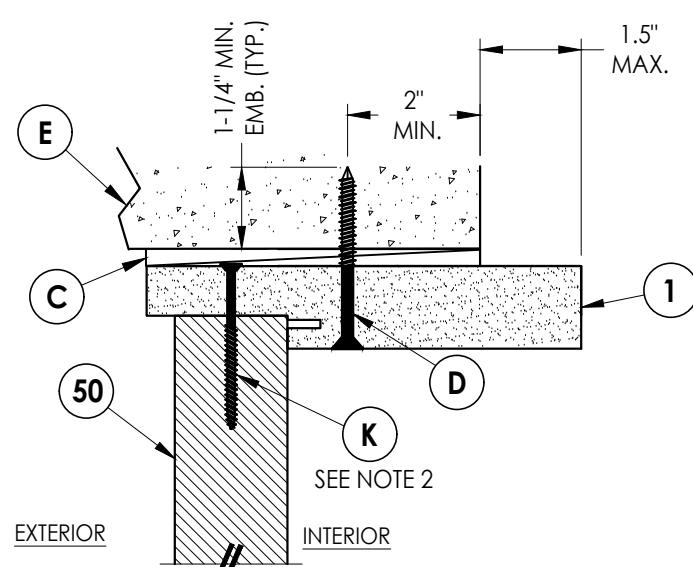
1
9 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb
Double Door Only (N/A w/ Sidelites)



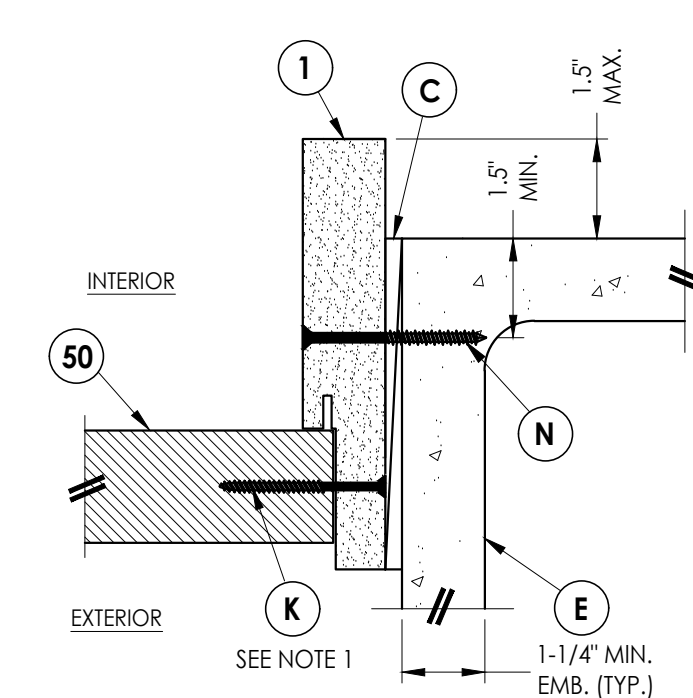
5
9 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



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



6
9 **VERTICAL 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

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
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

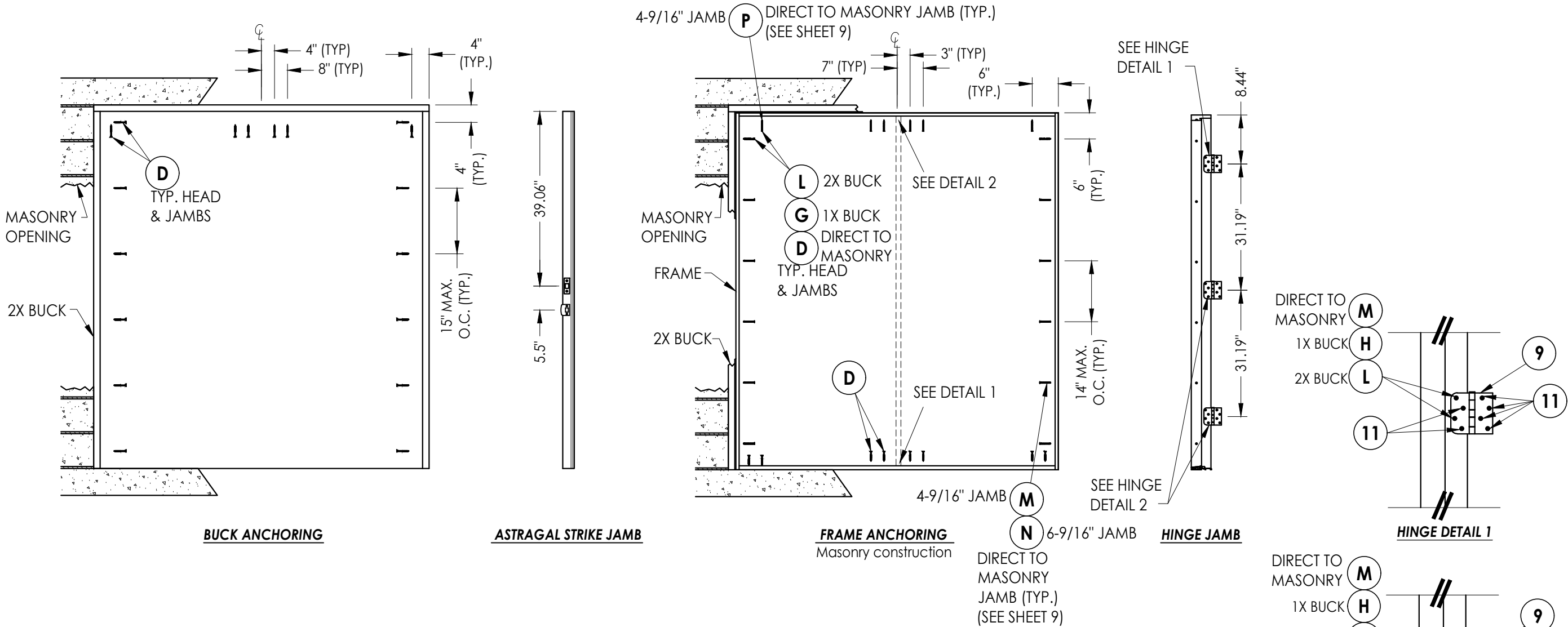
CHK. BY: LFS

DRAWING NO.:

FL-15221.10

SHEET 9 OF 13

Z:\2023 FBC Drawings\Plastpro\FL-15221 R4\FL-15221.10.dwg



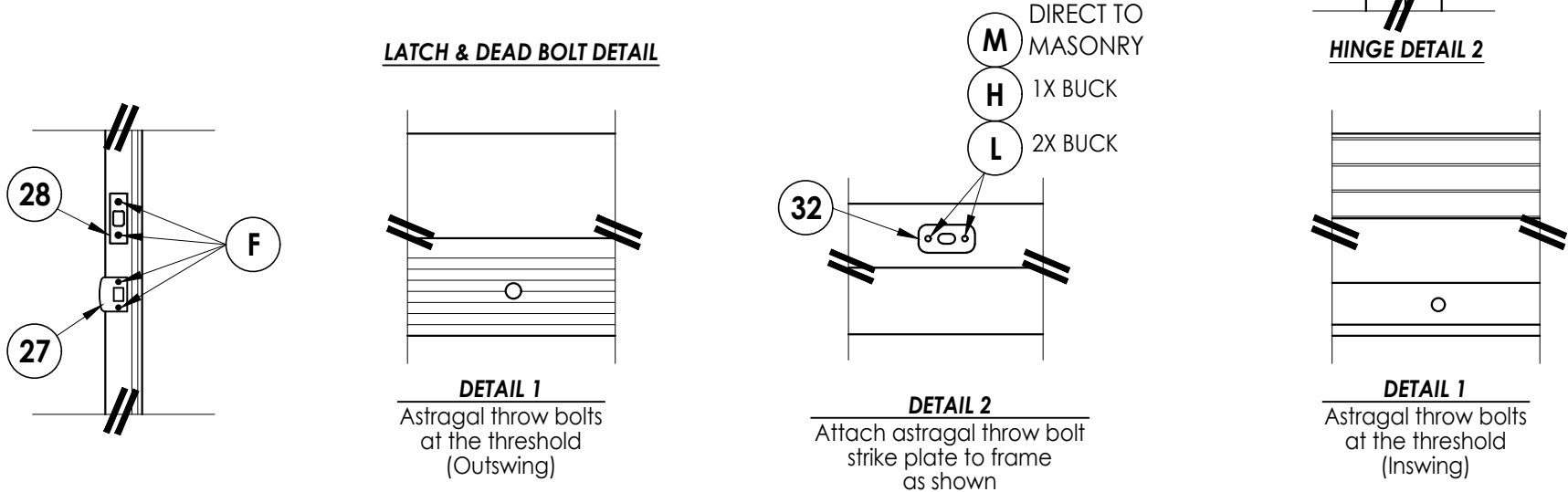
CONCRETE ANCHOR NOTES:

- 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.



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

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
BUCK AND FRAME ANCHORING
(XX)

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

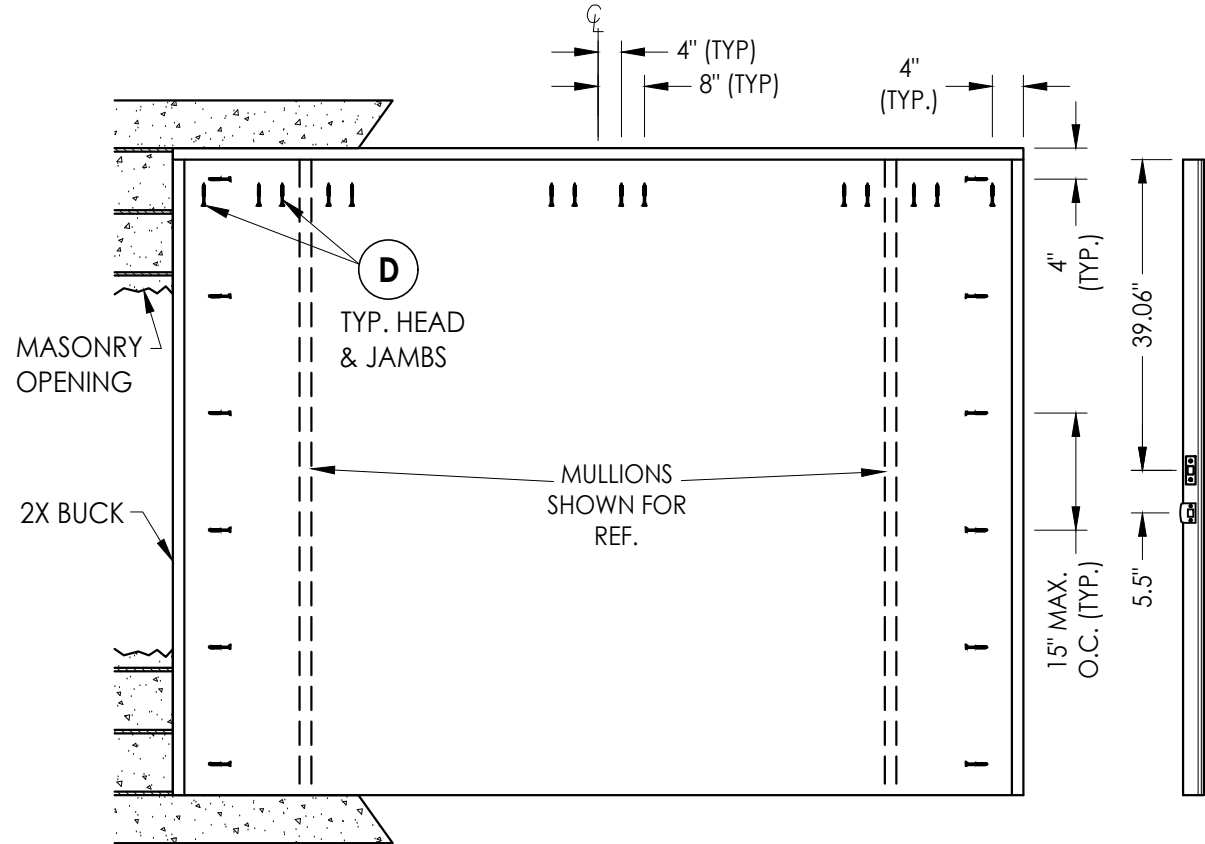
CHK. BY: LFS

DRAWING NO.: FL-15221.10

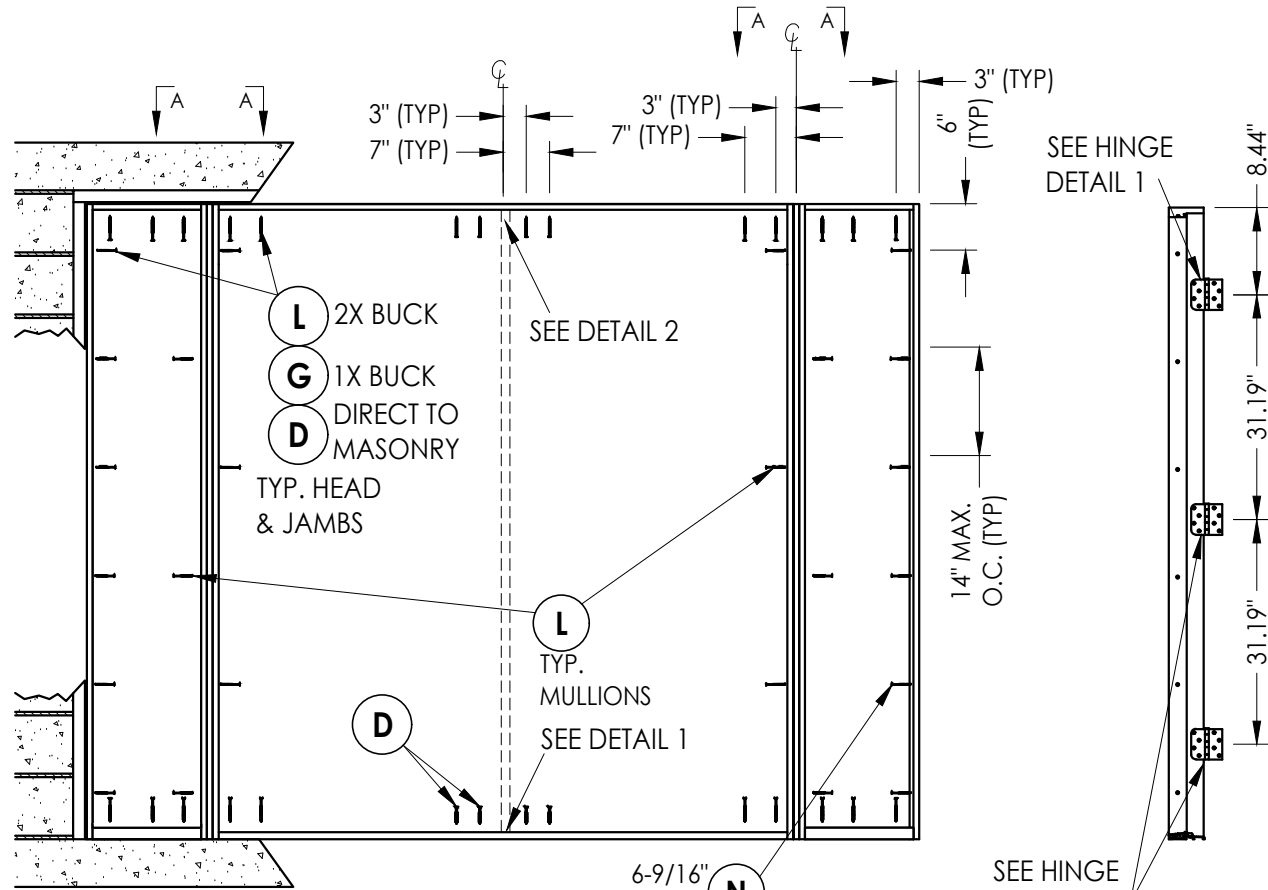
SHEET 10 OF 13

Building Consultants, Inc.
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Phone No.: 813.659.9197
FBPE Registry No. 9813

Z:\2023 FBC Drawings\Plastpro\FL-15221 R4\FL-15221.10.dwg

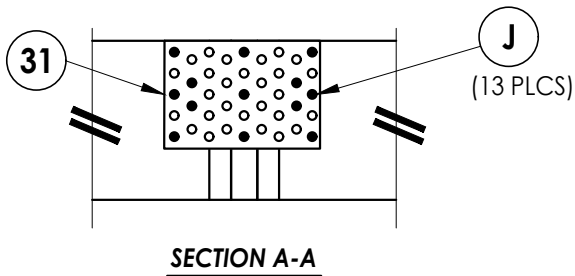


BUCK ANCHORING

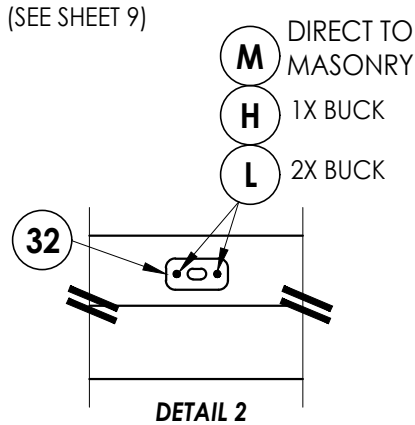


FRAME ANCHORING

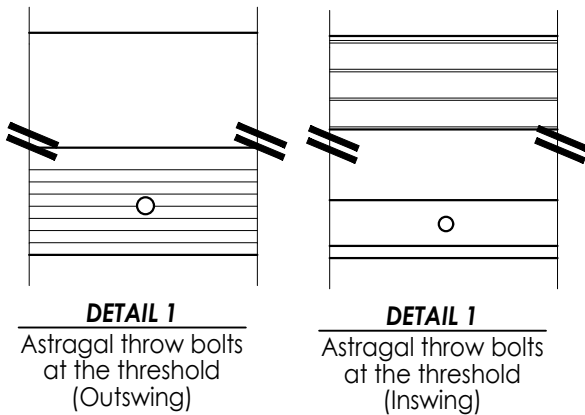
HINGE JAMB



ASTRAGAL STRIKE JAMB

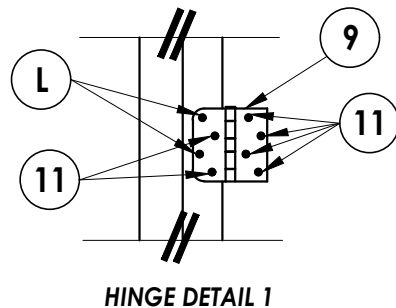


LATCH & DEAD BOLT DETAIL

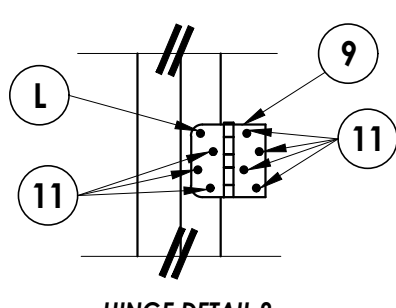


DETAIL 1

DETAIL 1



HINGE DETAIL 1



HINGE DETAIL 2

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.

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

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
BUCK AND FRAME ANCHORING
(OXXO)

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

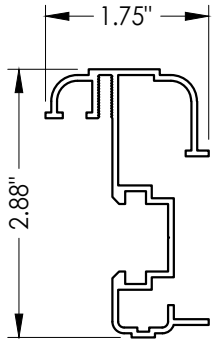
DATE: 02/15/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15221.10
SHEET 11 OF 13

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

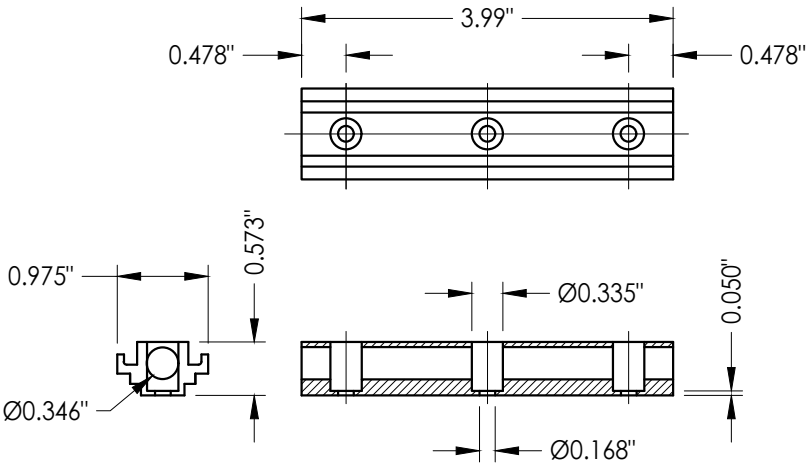
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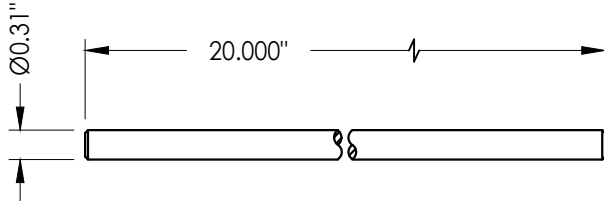
ASTRAGAL SCREW LOCATIONS



33 ASTRAGAL
DLP



34 CONCEALED STIFFENER



35 SLIDE BOLT ROD
Typ. top & bottom
of astragal
top through 1.98"
bottom through 1.98"

PRODUCT:		PART OR ASSEMBLY:	
PLASTPRO INC. FIBERGLASS DOOR		ASTRAGAL DETAILS	
NO.	DATE	BY	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-15221.10
SHEET	12 OF 13

Documents Prepared By:
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