



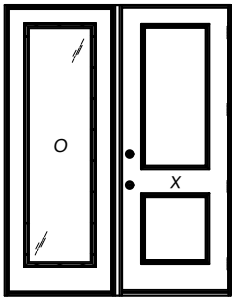
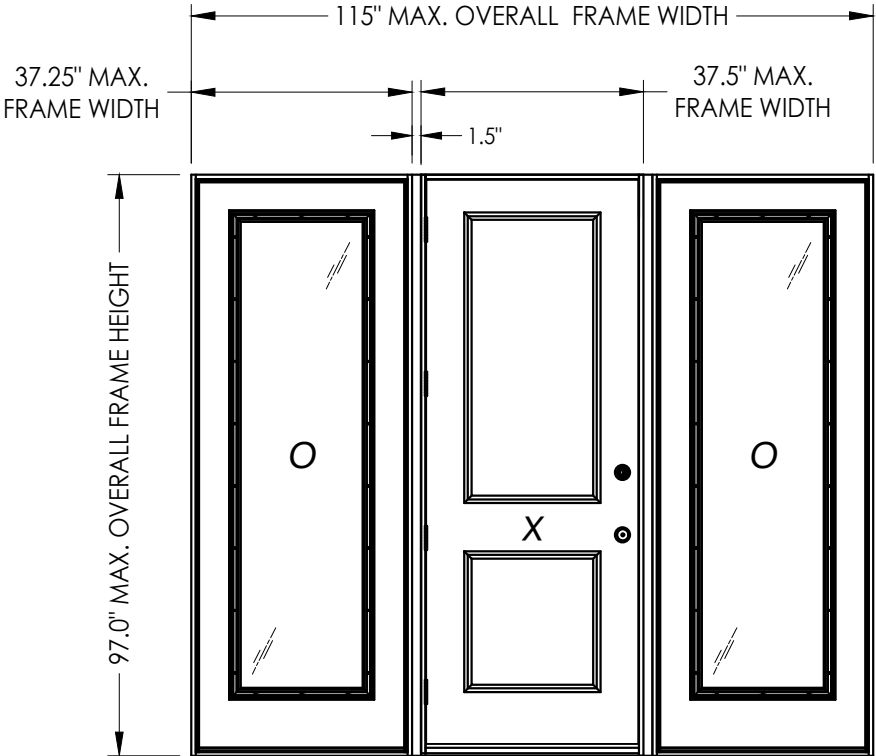
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

Smooth / Wood Grain / White Wood Grain
Rustic / Mahogany
Series O Fiberglass Door
OUTSWING
"IMPACT"

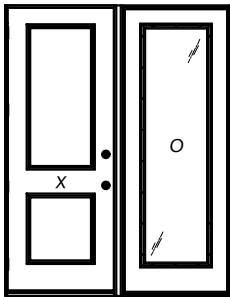
GENERAL NOTES

- This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements including 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 the "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
- When used in areas outside of the "HVHZ" 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 E 1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
- For 2x stud 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.
- Outswing configurations meet water infiltration requirements for "HVHZ".

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Door panel details
3	Sidelite panel details
4	Lite frame details and glazing details
5	Elevations
6	Horizontal & Vertical Cross Sections (2X Buck)
7	Horizontal & Vertical Cross Sections (1X Buck)
8	Horizontal & Vertical Cross Sections (Direct to Masonry)
9	Horizontal & Vertical Cross Sections (Direct to Masonry)
10	Vertical Cross Sections (Thresholds)
11	Buck anchoring
12	Frame anchoring
13	Bill of materials and components

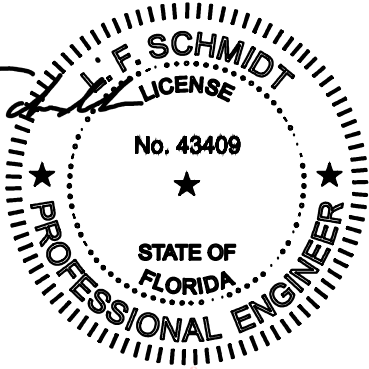


OX



XO

CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
OX/XO	76.25" x 97.0"	+60.0	-60.0
OXO	115.0" x 97.0"	+60.0	-60.0



Digitally signed by Lyndon F Schmidt
Date: 2023.08.22 08:38:05 -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

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

4	8/17/23	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	3/9/15	UPDATE TO 5TH ED. (2014)	FBC	JK
NO.	DATE	REVISIONS		

DATE: 2/19/13

SCALE: N.T.S.

DWG. BY: JK

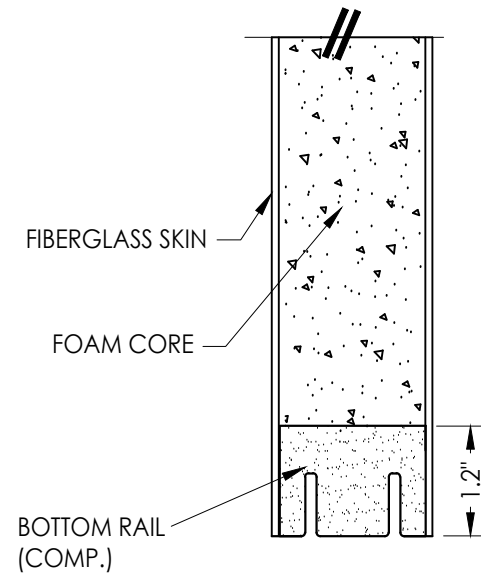
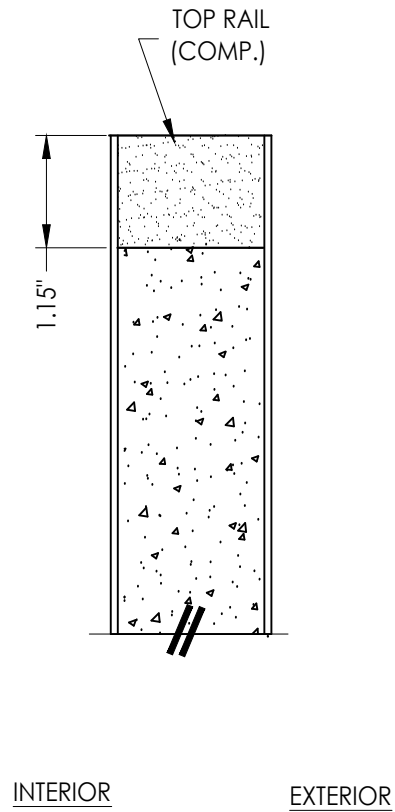
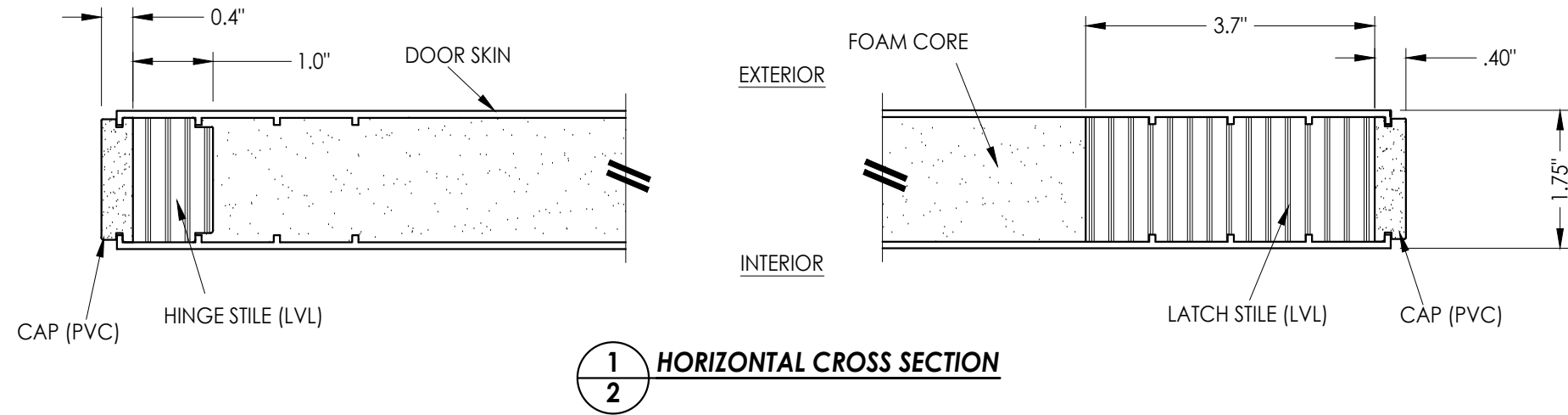
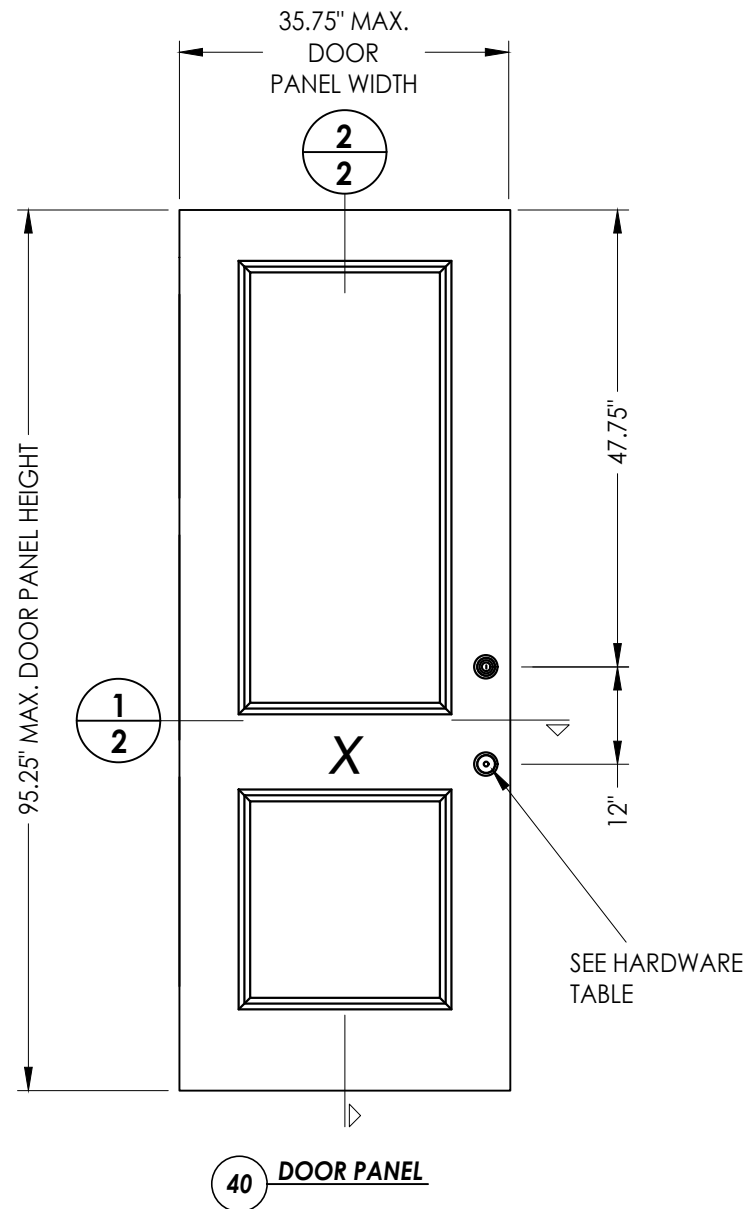
CHK. BY: LFS

DRAWING NO.: FL-15210.11

SHEET 1 OF 13

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

© 2013 R.W. BUILDING CONSULTANTS INC.



HARDWARE TABLE		
MANUFACTURER	MODEL	
KWIKSET	KNOB: DEADBOLT:	SIGNATURE SERIES SIGNATURE SERIES (980)
SCHLAGE	KNOB: DEADBOLT:	"F" SERIES (F51) "B" SERIES (B60/62)
BALDWIN	HANDLESET/LEVER DEADBOLT:	"PRESTIGE" SERIES "PRESTIGE" SERIES (380)

FIBERGLASS DOOR SKIN: MIN. 0.130" THK.
CORE MATERIAL: POLYURETHANE FOAM (1.9 PCF MIN.)

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:
DOOR PANEL DETAILS

[illegible]

DATE: 2/19/13

SCALE: *N.T.S.*

DWG. BY: JK

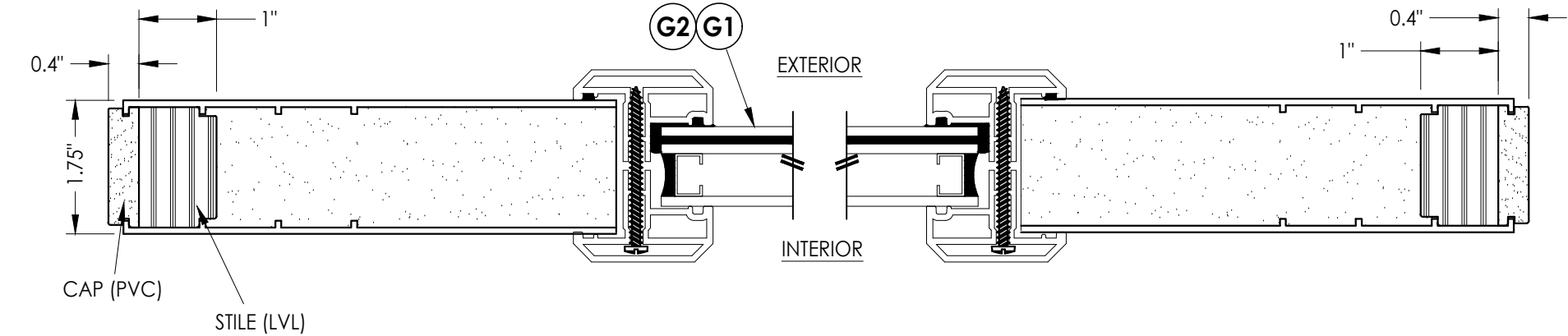
CHK. BY: *LFS*

DRAWING NO.:
FL-15210.11

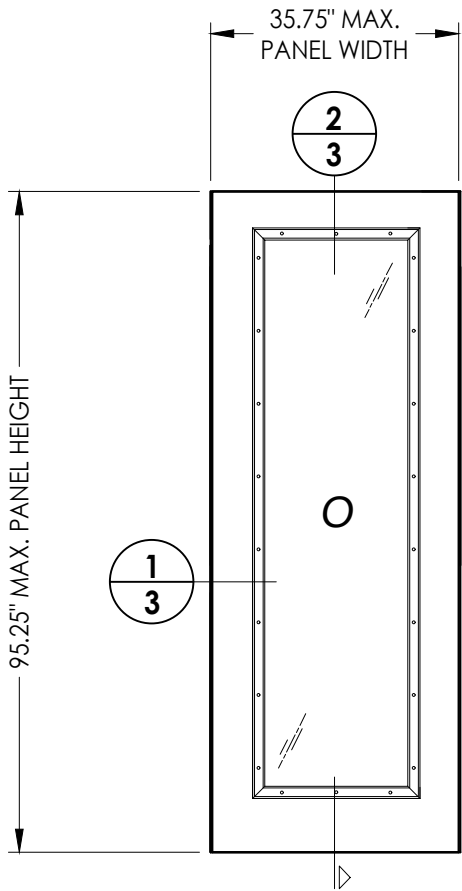
SHEET 2 OF 13

© 2013 R.W. BUILDING CONSULTANTS INC.

Z:\2023 FBC Drawings\Plastpro\FL-15210 R10\FL-15210.11.dwg

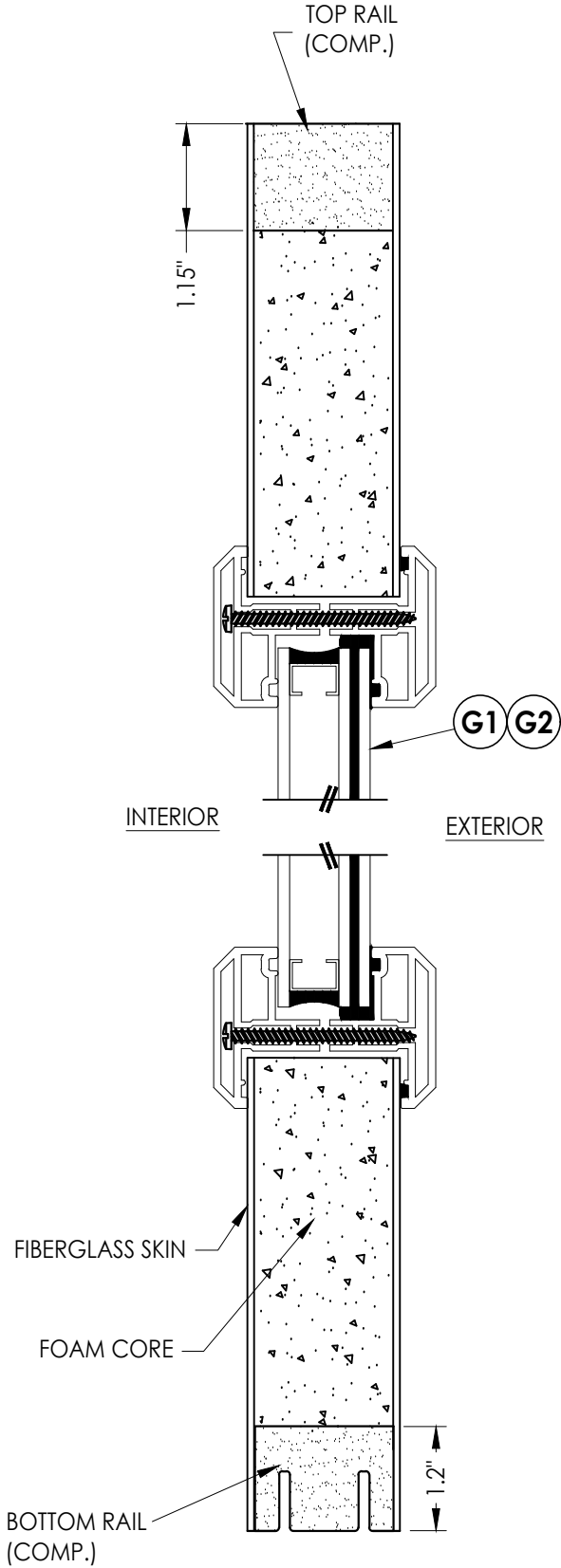


1
3 HORIZONTAL CROSS SECTION



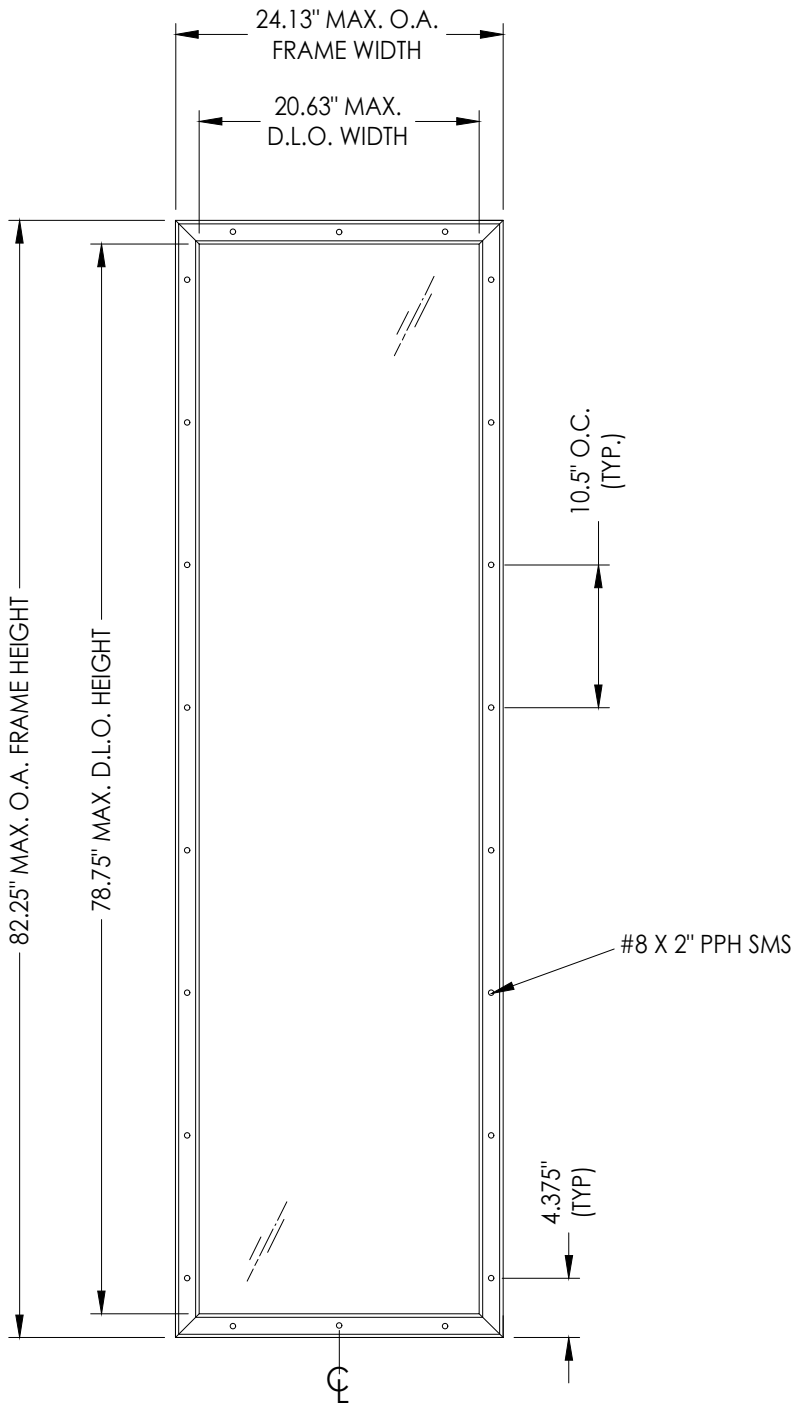
50 SIDELITE PANEL

FIBERGLASS SIDELITE SKIN: MIN. 0.130" THK.
CORE MATERIAL: POLYURETHANE FOAM (1.9 PCF MIN.)

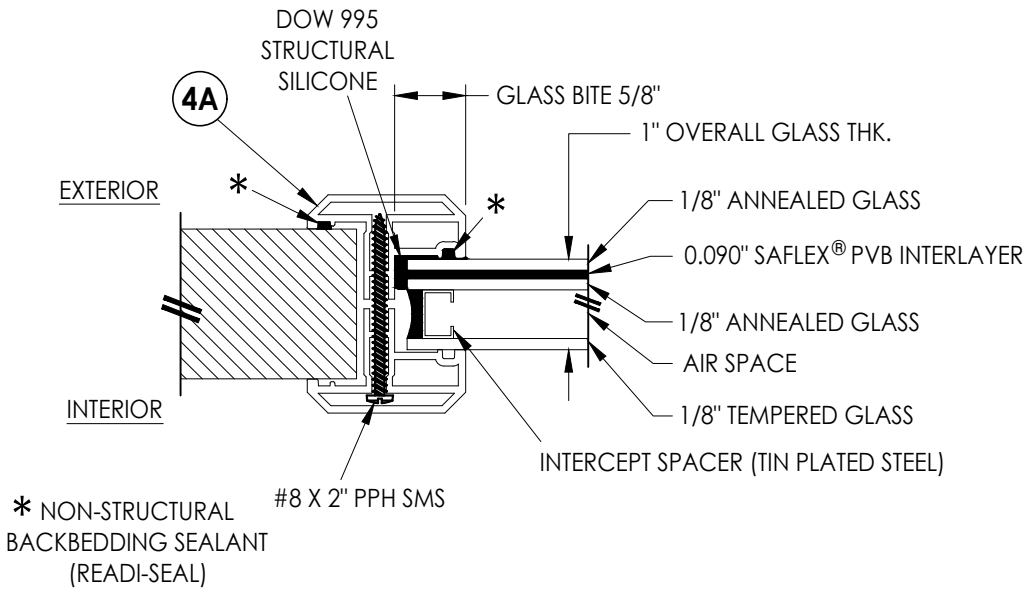


2
3 VERTICAL CROSS SECTION

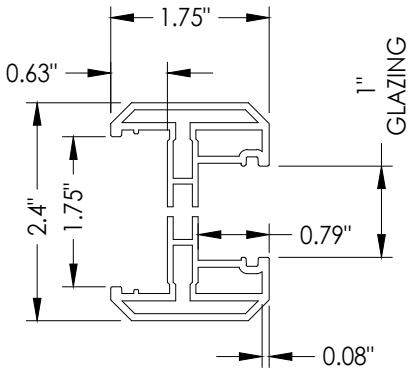
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: PLASTPRO INC. FIBERGLASS DOOR				PART OR ASSEMBLY: SIDELITE PANEL DETAILS			
4	8/17/23	UPDATE TO 8TH ED. (2023)	FBC	LFS			
3	7/27/20	UPDATE TO 7TH ED (2020)	FBC	LFS			
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK			
1	3/9/15	UPDATE TO 5TH ED. (2014)	FBC	JK			
NO.	DATE			BY			
				REVISIONS			
DATE: 2/19/13							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-15210.11							
SHEET 3 OF 13							



ODL LITE FRAME



G1 GLAZING DETAIL
ODL "FLAT FRAME"



4A ODL LITE FRAME
"FLAT FRAME" PROFILE
(6063-T5 ALUM)

DATE:	2/19/13
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15210.11
SHEET	4 OF 13

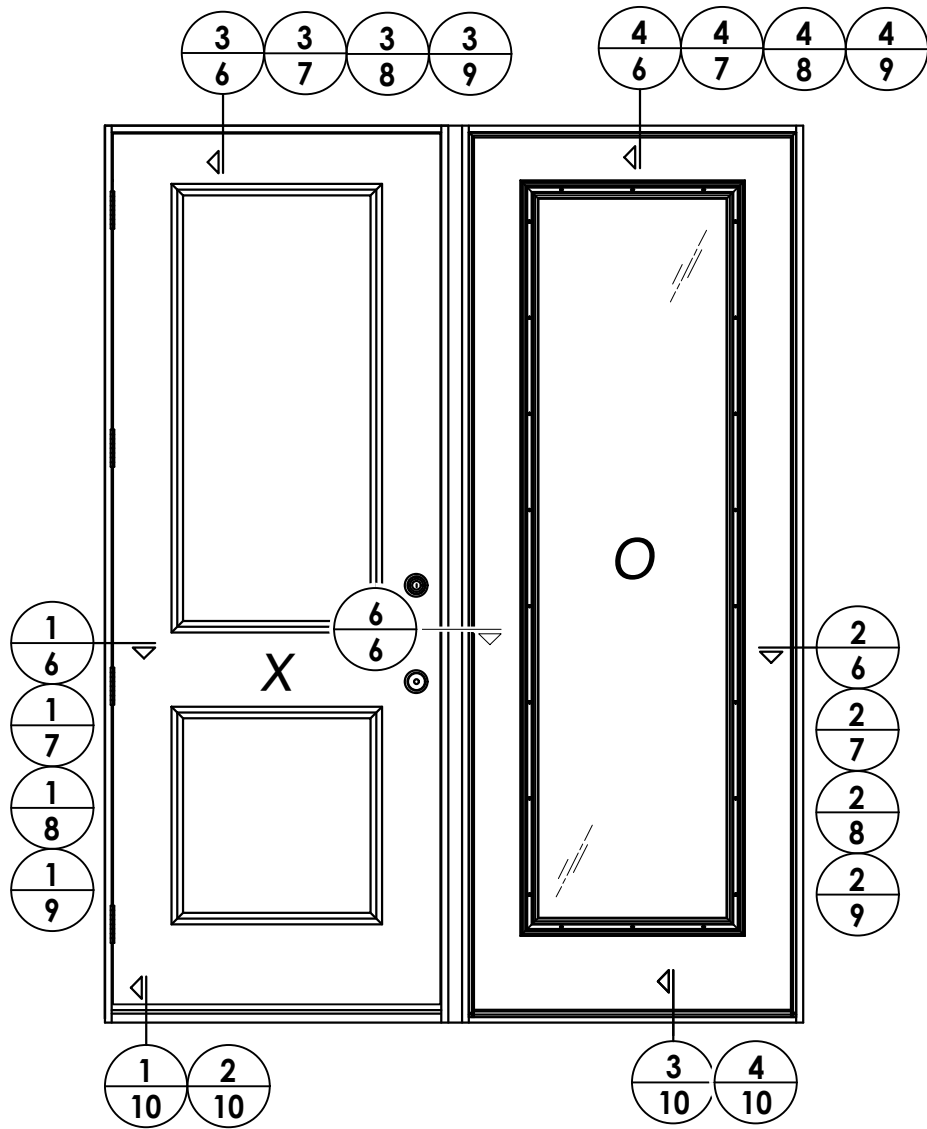
NO.	DATE	REVISIONS
4	8/17/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	7/27/20	UPDATE TO 7TH ED (2020) FBC LFS
2	7/24/17	UPDATE TO 6TH ED. (2017) FBC JK
1	3/9/15	UPDATE TO 5TH ED. (2014) FBC JK

PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY:	LITE FRAME DETAILS AND GLAZING DETAILS

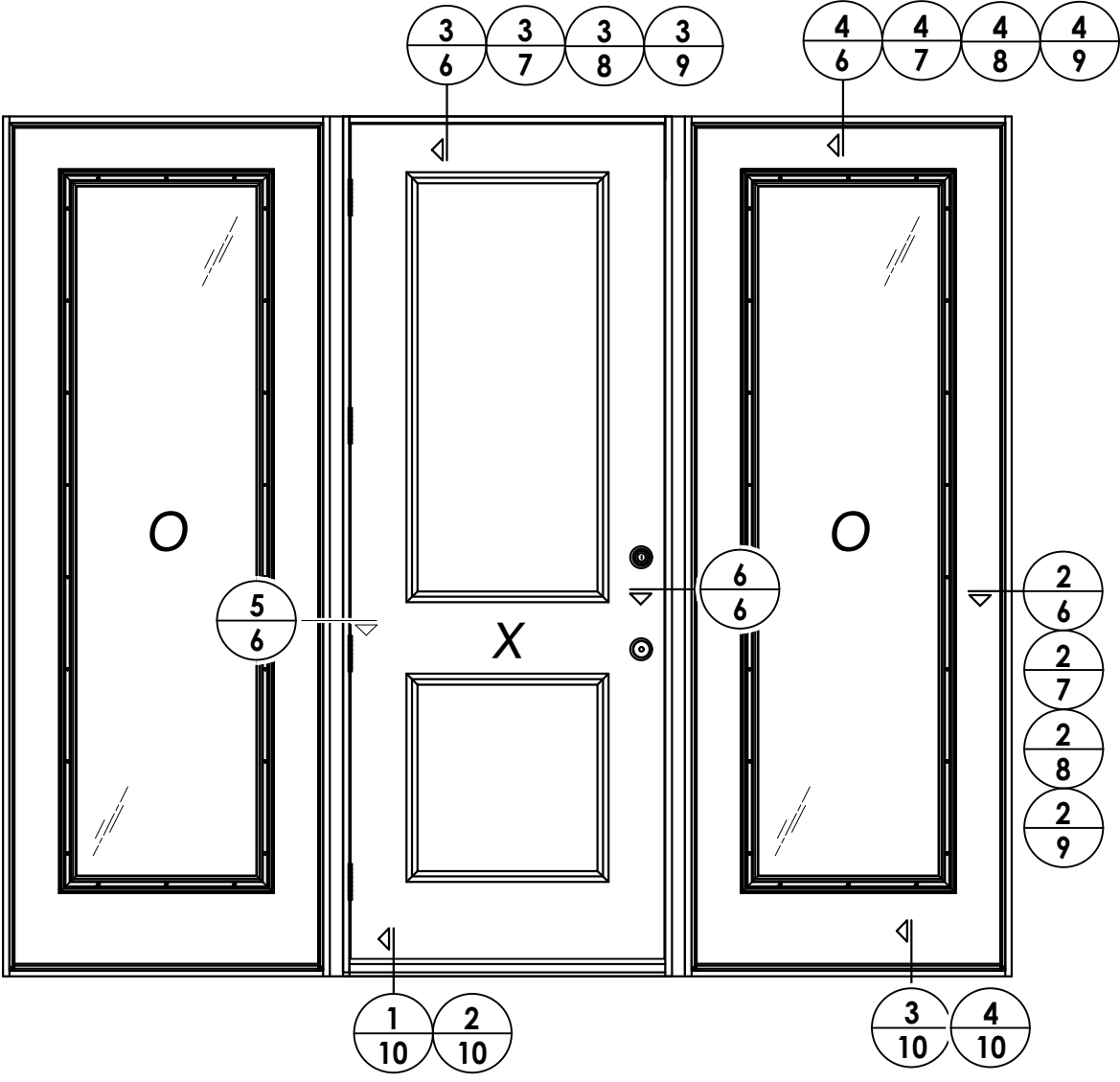
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

Z:\2023 FBC Drawings\Plastpro\FL-15210 R10\FL-15210.11.dwg



ELEVATION (XO - OX)



ELEVATION (OXO)

NO.	DATE	REVISIONS
4	8/17/23	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	3/9/15	UPDATE TO 5TH ED. (2014) FBC JK

DATE:	2/19/13
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15210.11
SHEET	5 OF 13

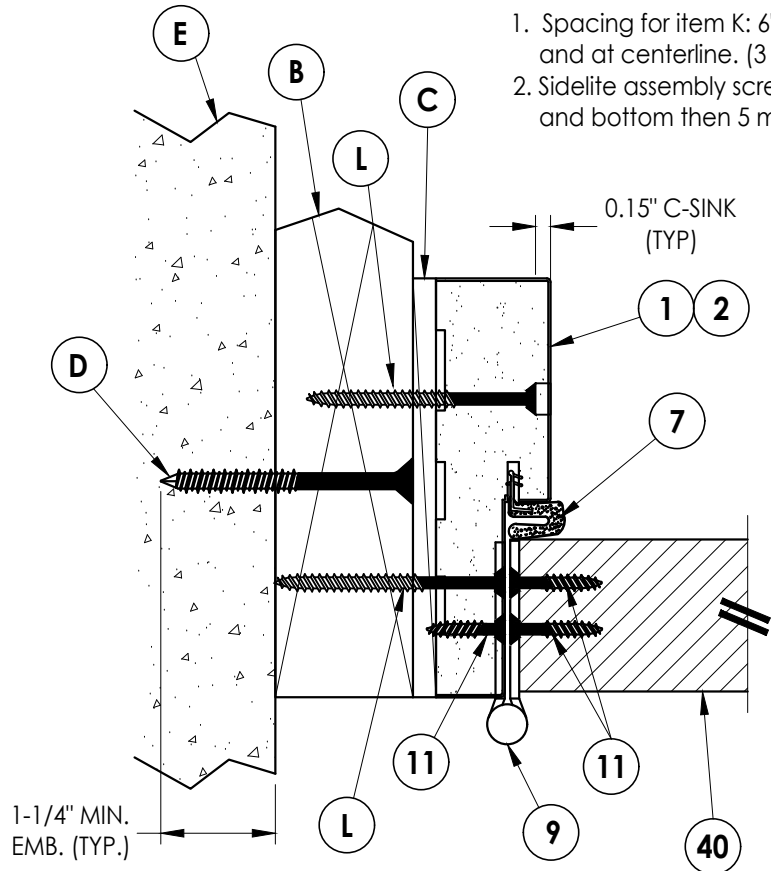
PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY:	ELEVATIONS

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Vairico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813
---	---

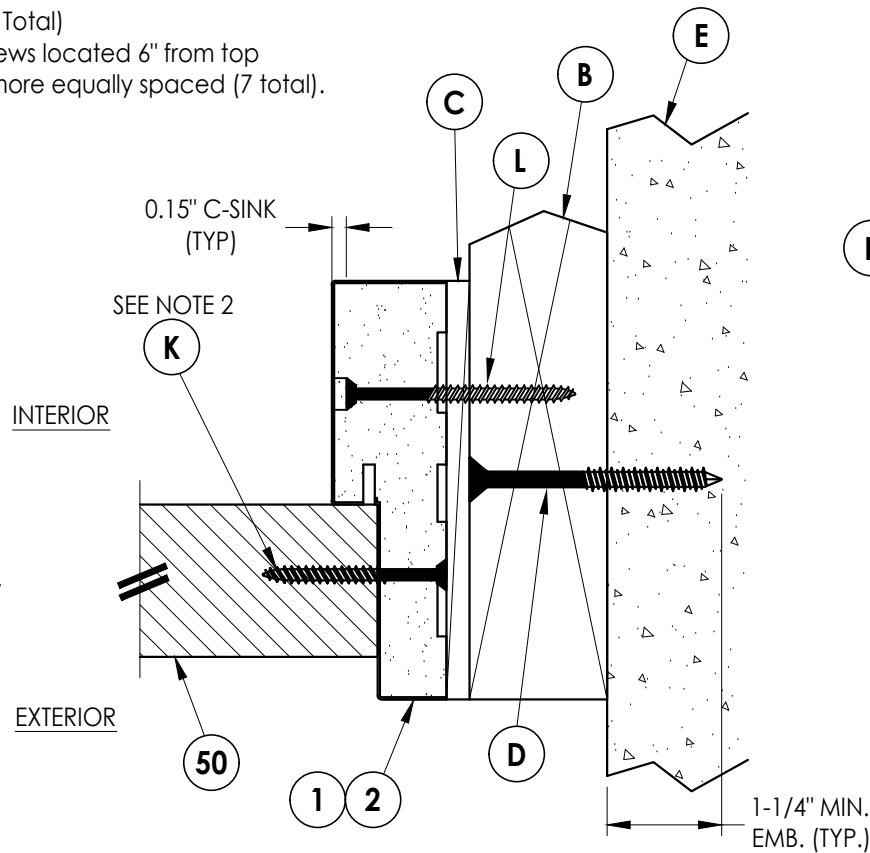
Z:\2023 FBC Drawings\Plastpro\FL-15210 R10\FL-15210.11.dwg

NOTE

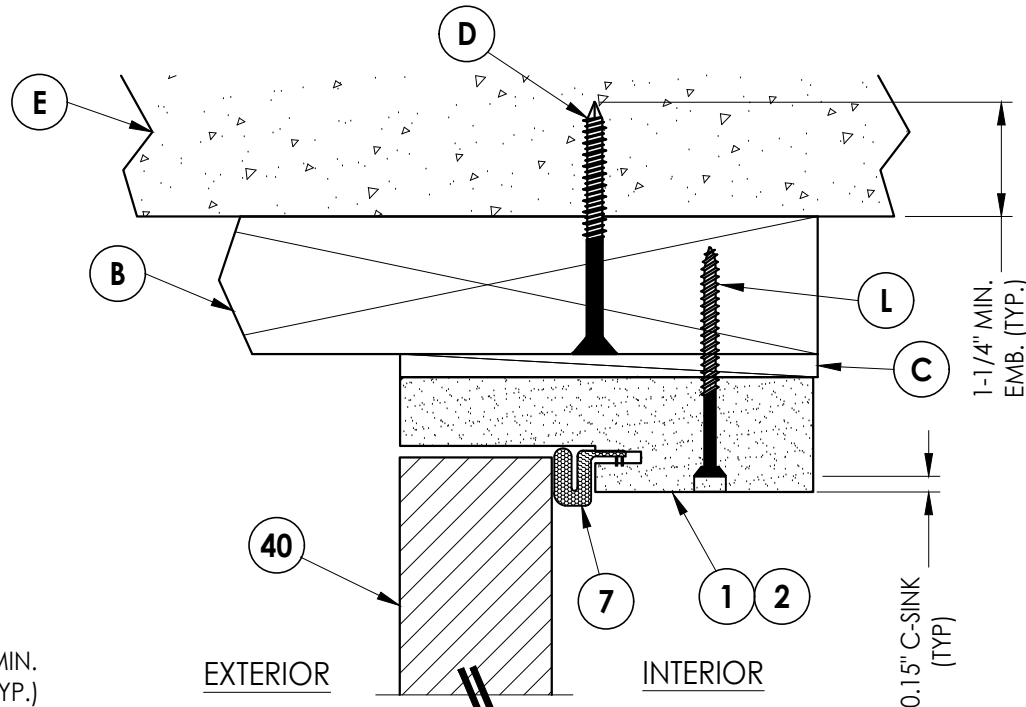
1. Spacing for item K: 6" from each end and at centerline. (3 Total)
2. Sidelite assembly screws located 6" from top and bottom then 5 more equally spaced (7 total).



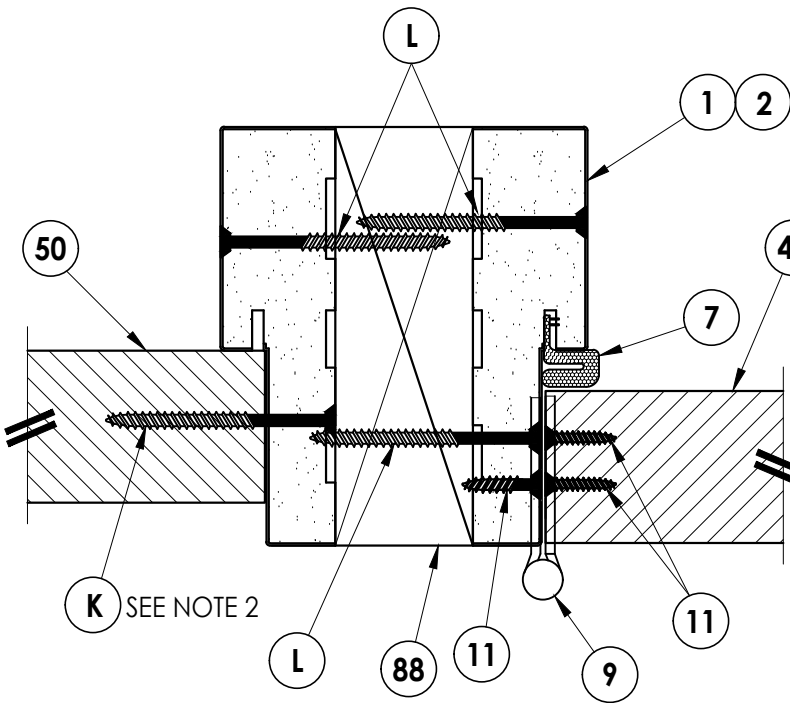
1
6 **HORIZONTAL CROSS SECTION**
Outswing



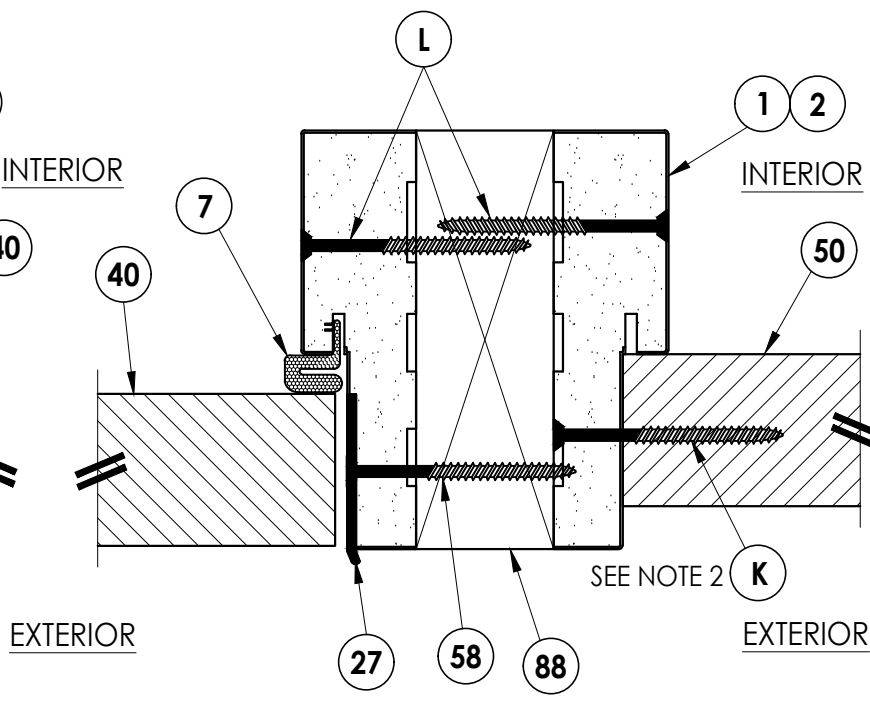
2
6 **HORIZONTAL CROSS SECTION**
Outswing



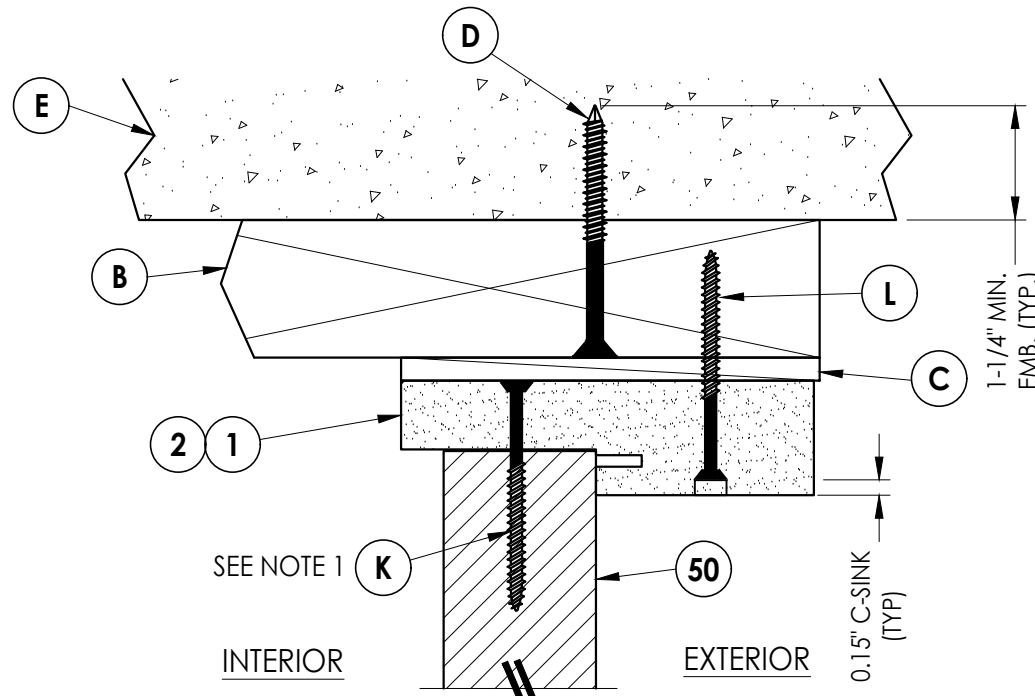
3
6 **VERTICAL CROSS SECTION**
Outswing



5
6 **HORIZONTAL CROSS SECTION**
Outswing



6
6 **HORIZONTAL CROSS SECTION**
Outswing



4
6 **VERTICAL CROSS SECTION**
Outswing

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 (2X BUCK)

NO.	DATE	REVISIONS
4	8/17/23	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	3/9/15	UPDATE TO 5TH ED. (2014) FBC JK

DATE: 2/19/13

SCALE: N.T.S.

DWG. BY: JK

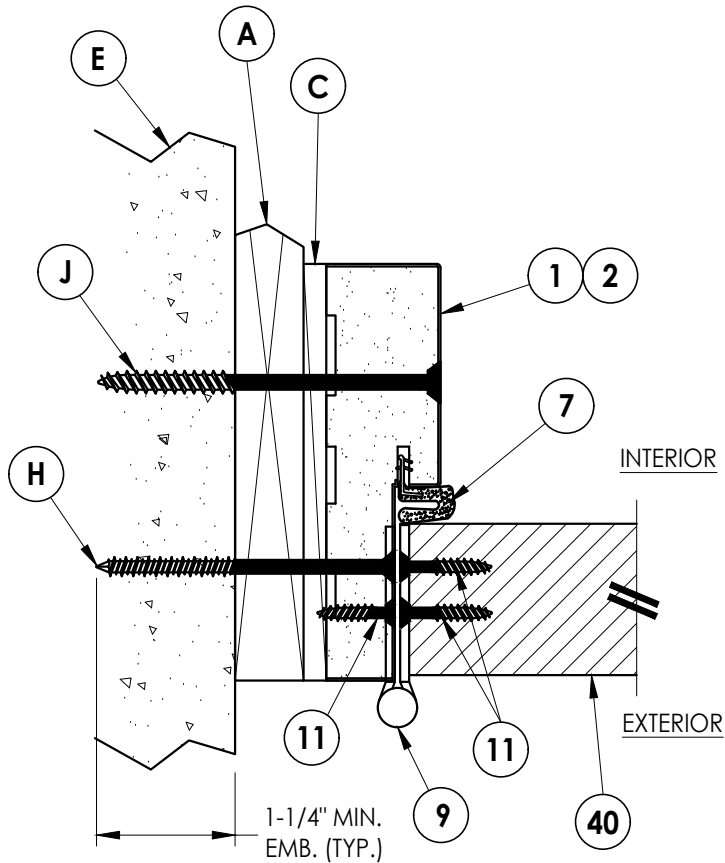
CHK. BY: LFS

DRAWING NO.:

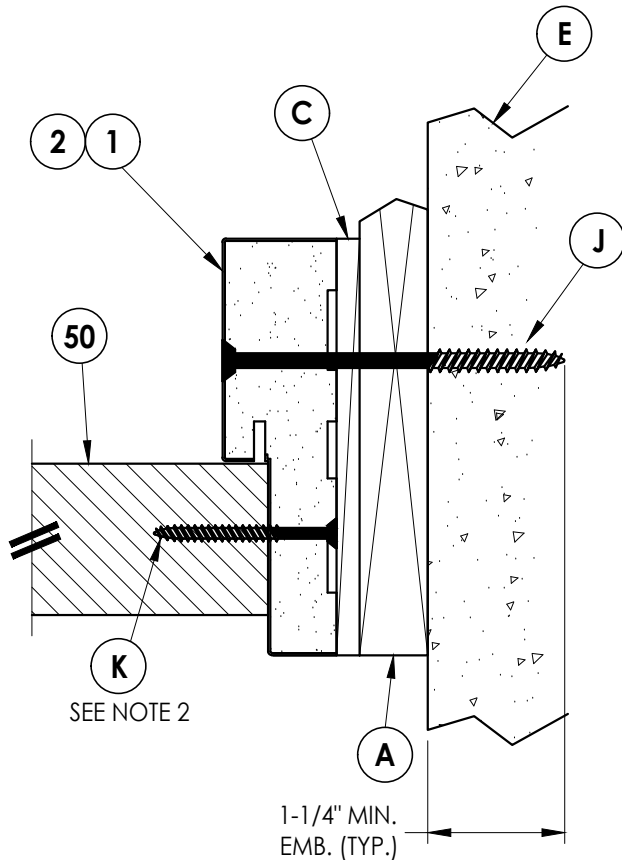
FL-15210.11

SHEET 6 OF 13

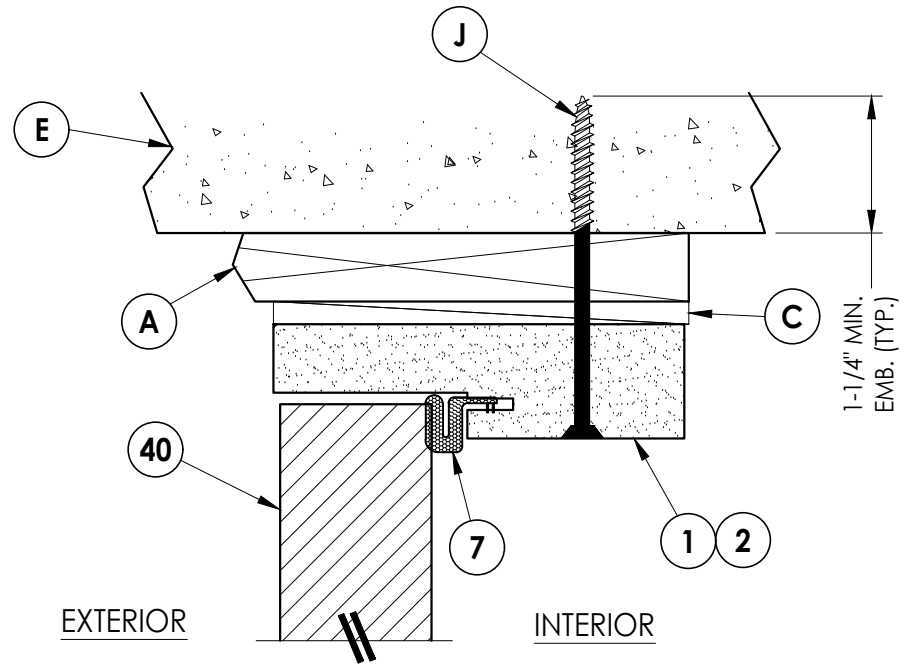
Z:\2023 FBC Drawings\Plastpro\FL-15210 R10\FL-15210.11.dwg



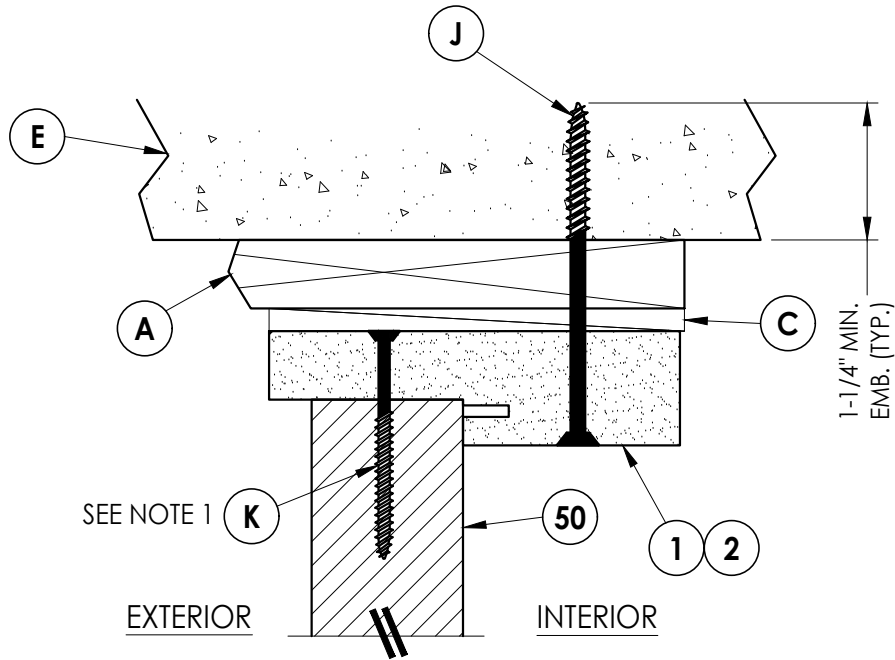
1
7 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing



2
7 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing



3
7 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing



4
7 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing

NOTE

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

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 (1X BUCK)

NO.	DATE	REVISIONS	BY
4	8/17/23	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	3/9/15	UPDATE TO 5TH ED. (2014) FBC	JK

DATE: 2/19/13

SCALE: N.T.S.

DWG. BY: JK

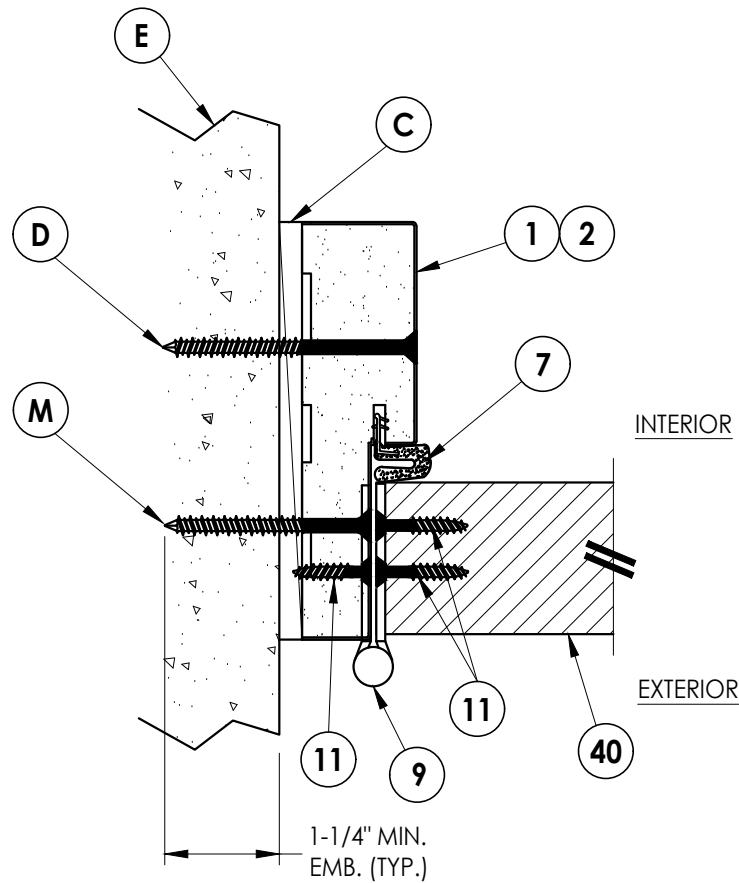
CHK. BY: LFS

DRAWING NO.:

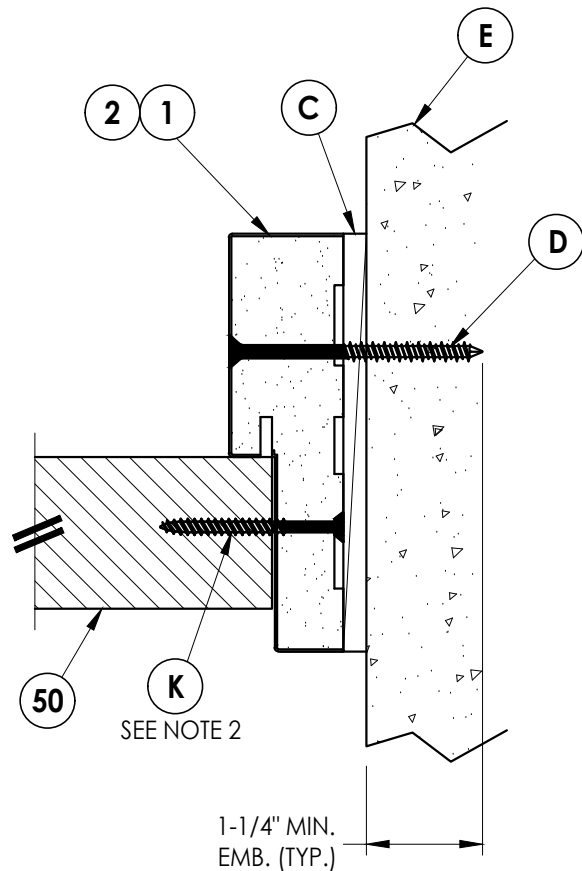
FL-15210.11

SHEET 7 OF 13

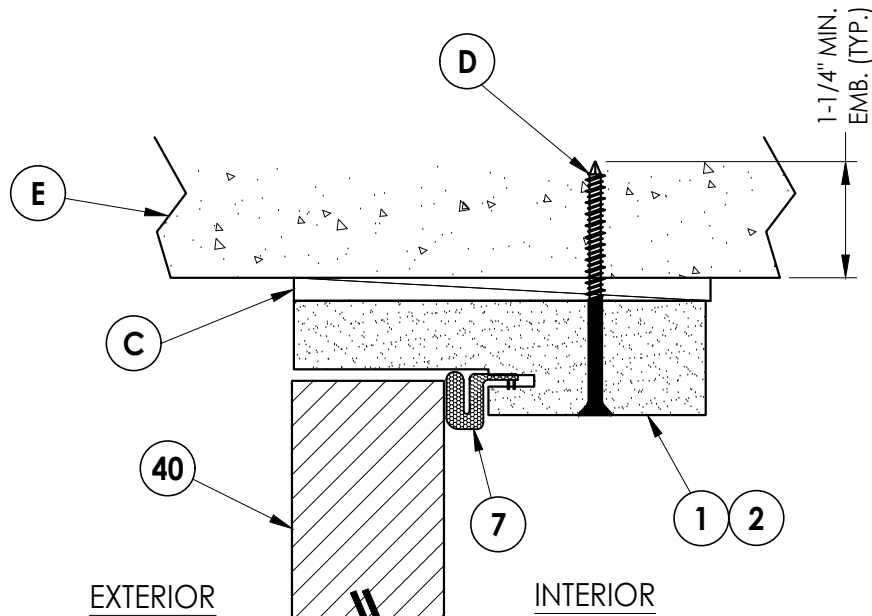
Z:\2023 FBC Drawings\Plastpro\FL-15210 R10\FL-15210.11.dwg



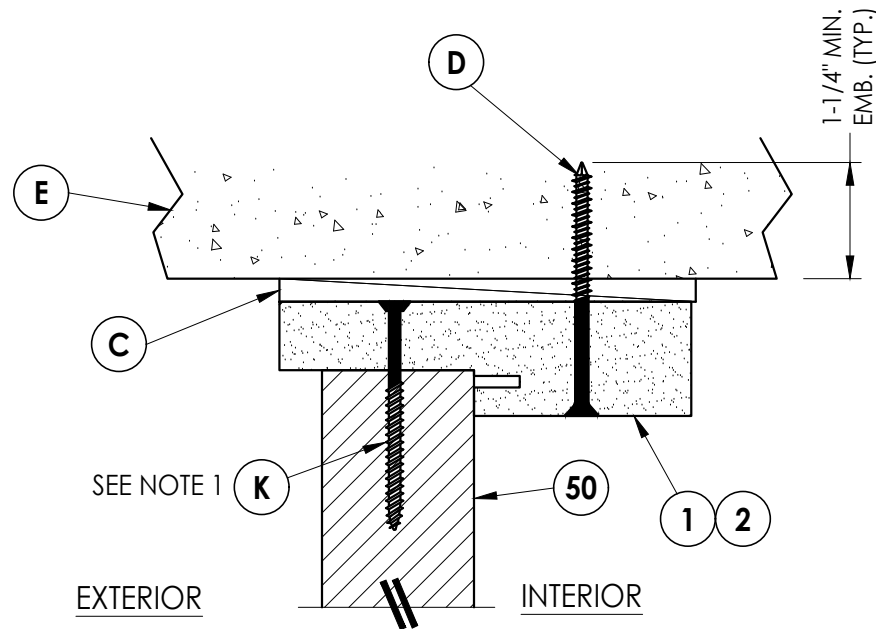
1
8 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)



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



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



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

NOTE

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

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

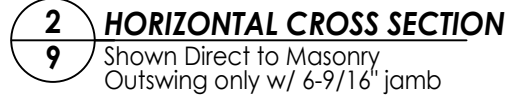
RW

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

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

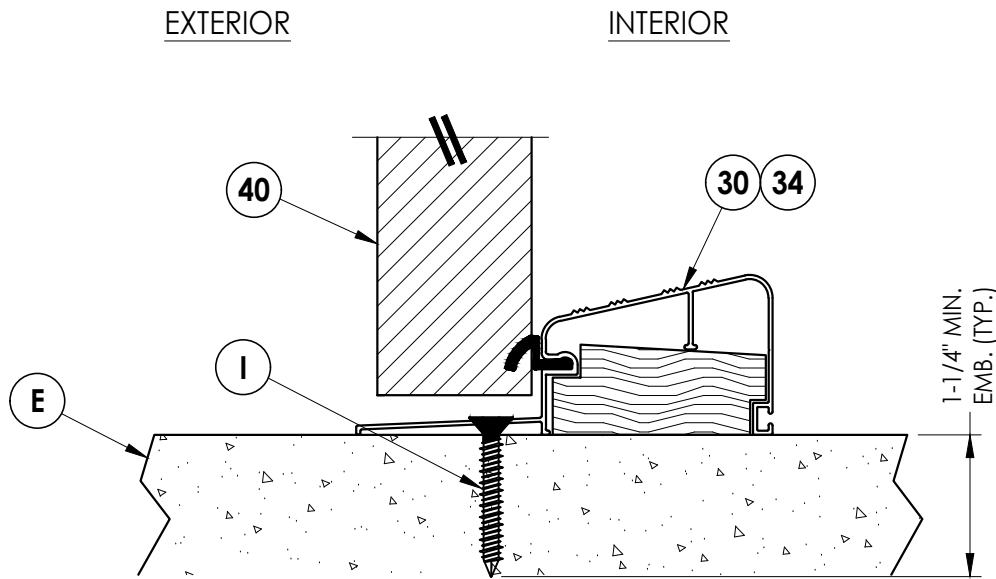
NO.	DATE	REVISIONS
4	8/17/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	7/27/20	UPDATE TO 7TH ED (2020) FBC LFS
2	7/24/17	UPDATE TO 6TH ED. (2017) FBC JK
1	3/9/15	UPDATE TO 5TH ED. (2014) FBC JK
1		BY

DATE: 2/19/13
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15210.11
SHEET 8 OF 13

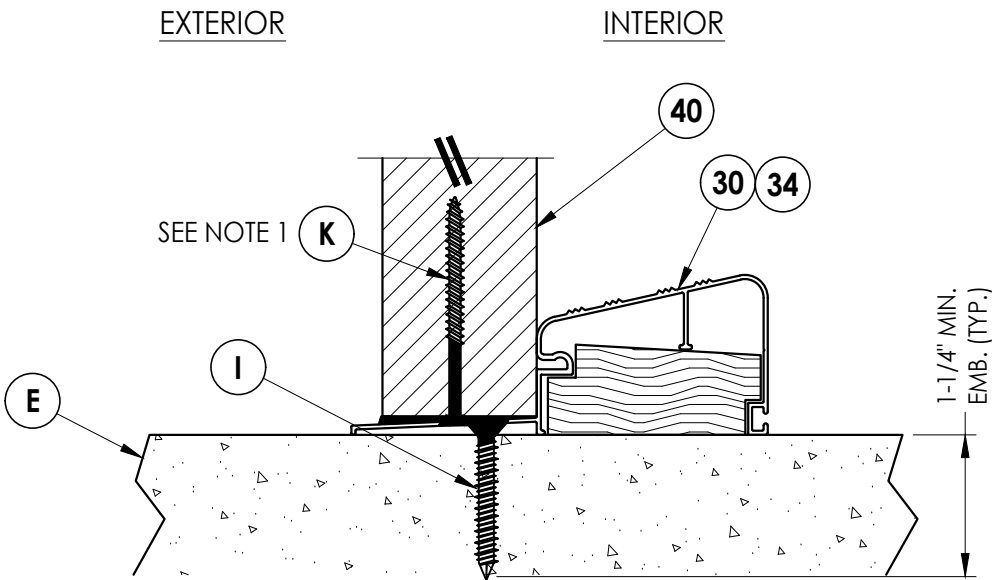


© 2012 R.W. BUILDING CONSULTANTS INC.

Z:\2023 FBC Drawings\Plastpro\FL-15210 R10\FL-15210.11.dwg



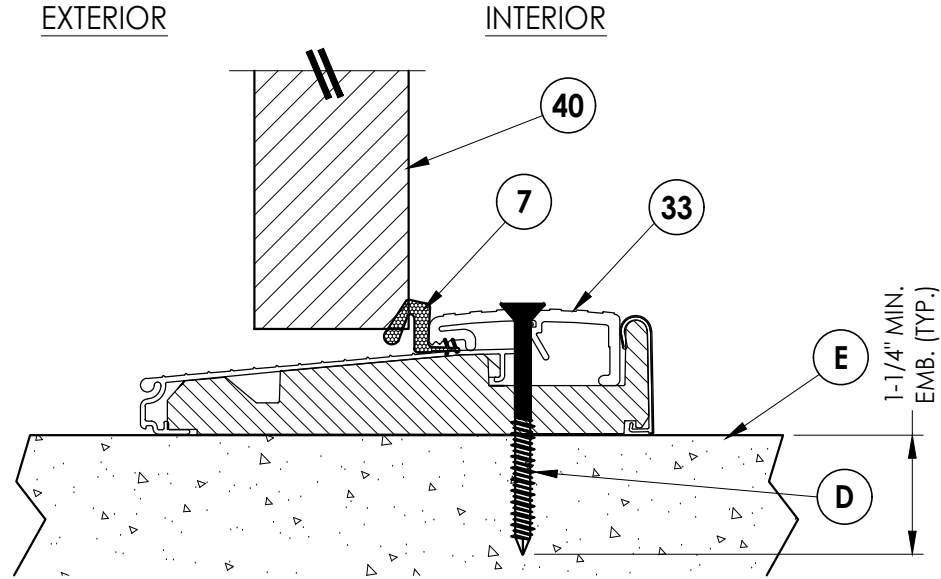
1
10 VERTICAL CROSS SECTION



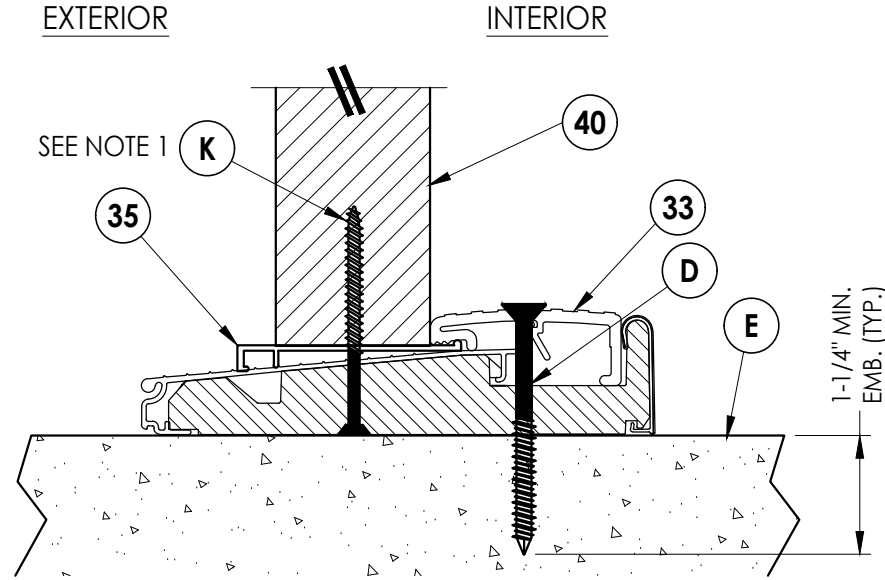
3
10 VERTICAL CROSS SECTION

NOTE

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



2
10 VERTICAL CROSS SECTION



4
10 VERTICAL CROSS SECTION

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

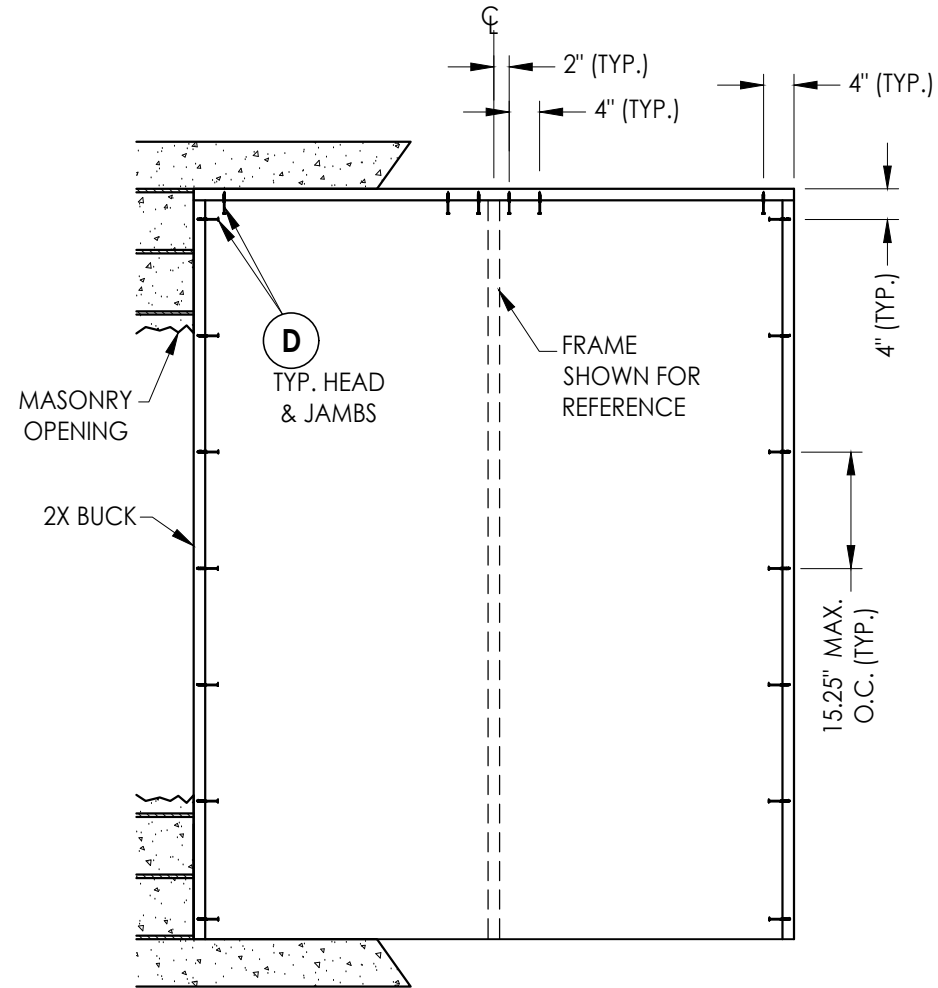
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

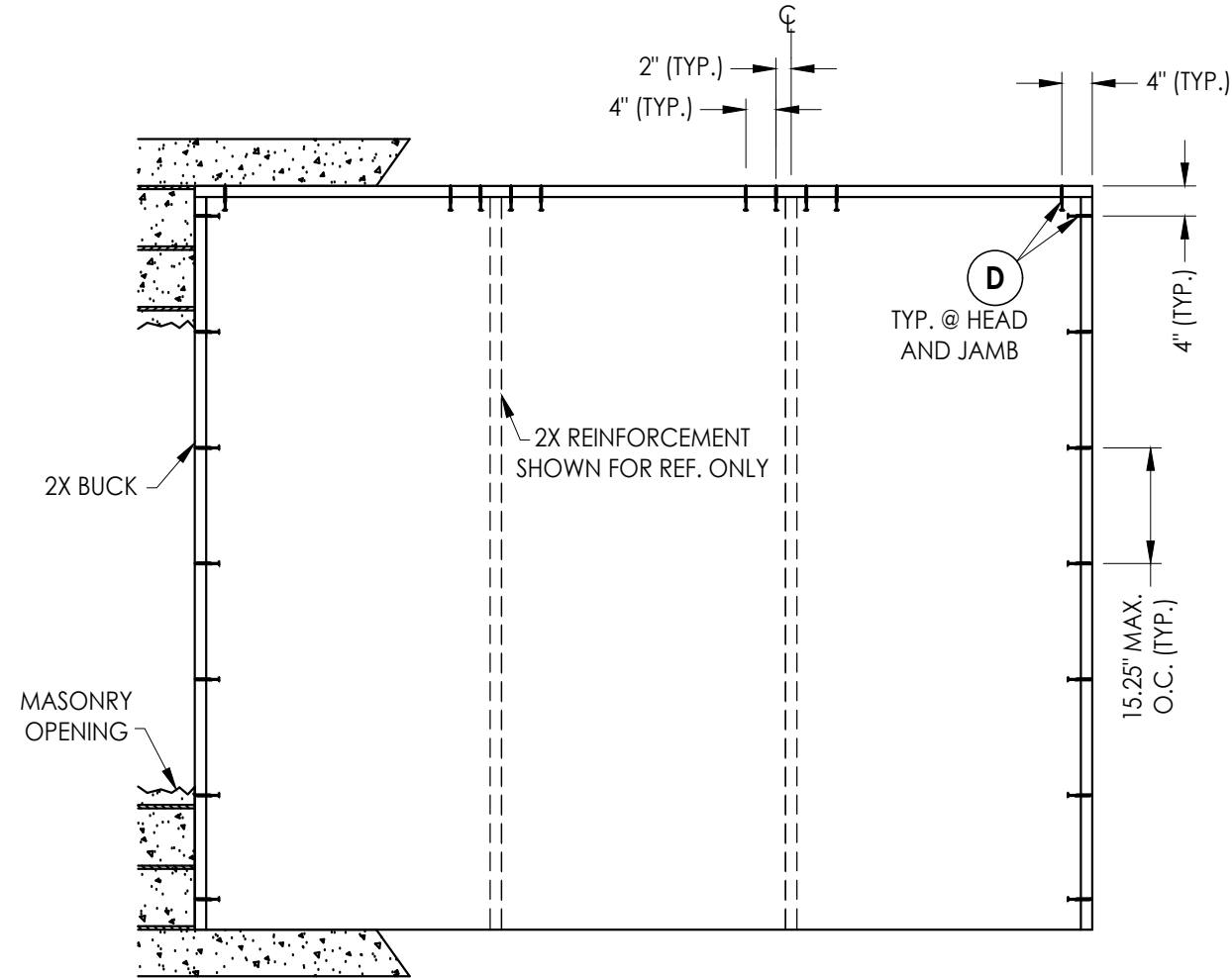
PART OR ASSEMBLY:
VERTICAL
CROSS SECTIONS

NO.	DATE	REVISIONS
4	8/17/23	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	3/9/15	UPDATE TO 5TH ED. (2014) FBC
		BY

DATE: 2/19/13
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15210.11
SHEET 10 OF 13



BUCK ANCHORING
OX



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 ULTRACON®+	1/4"	1-1/4"	1"	4"

4	8/17/23	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	3/9/15	UPDATE TO 5TH ED.	(2014)	FBC	JK
NO.	DATE				
					REVISIONS

DATE: 2/19/13

SCALE: *N.T.S.*

DWG. BY: JK

CHK. BY: LFS

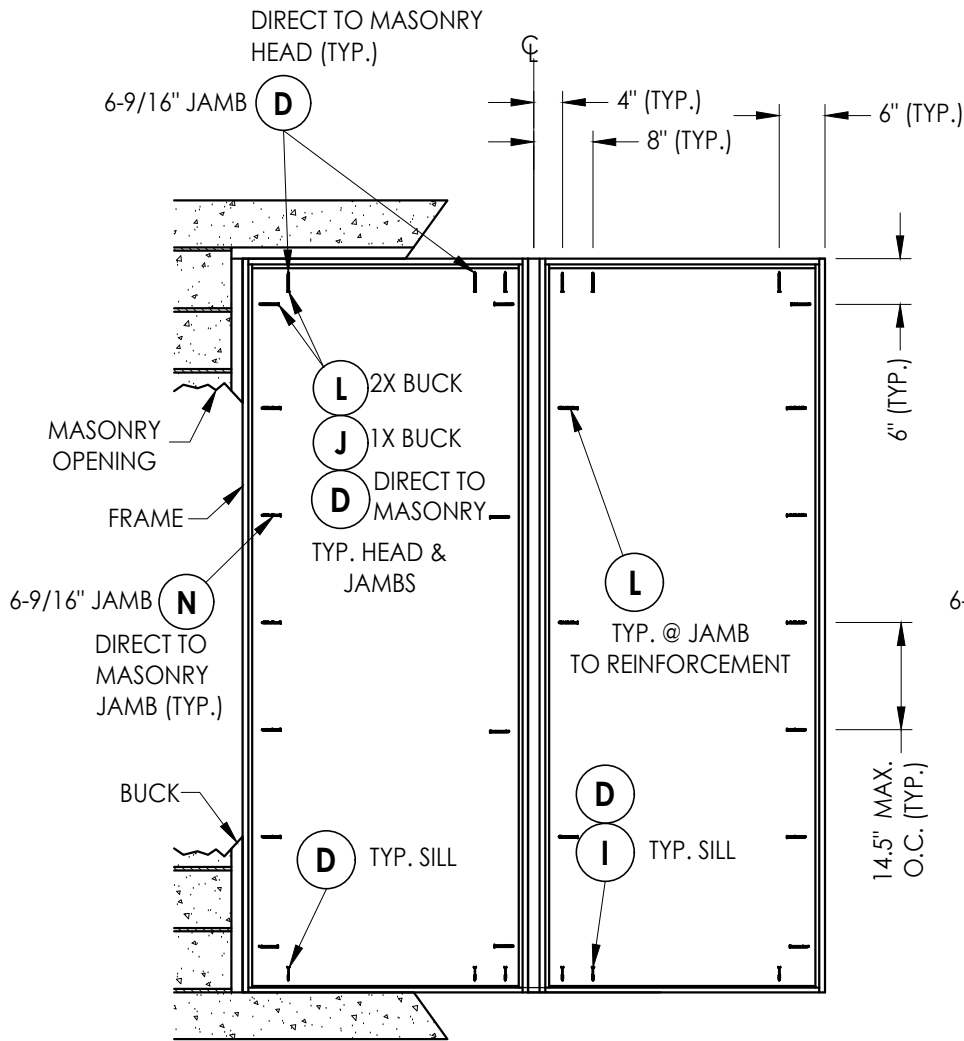
DRAWING NO.:

FL-15210.11

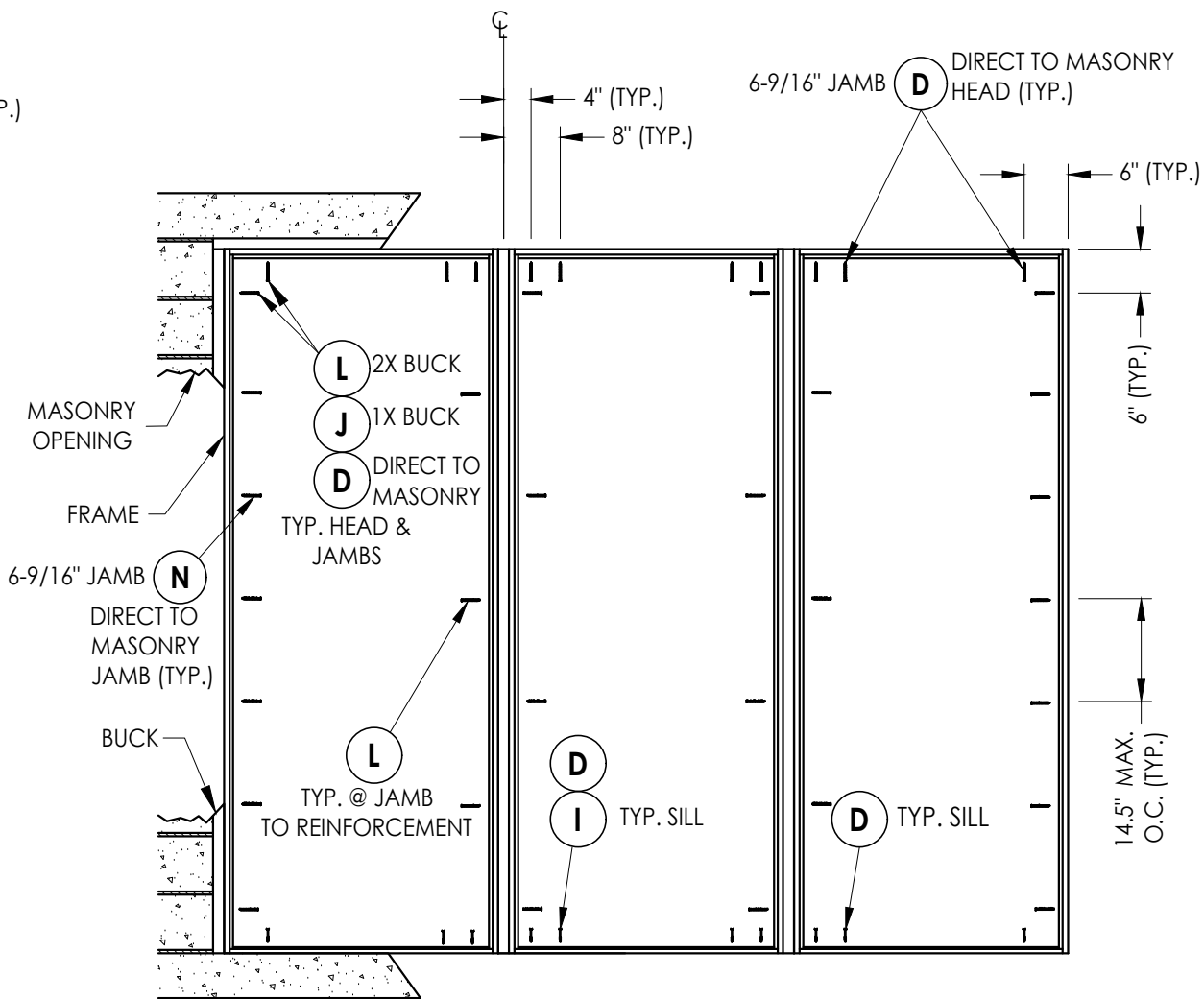
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

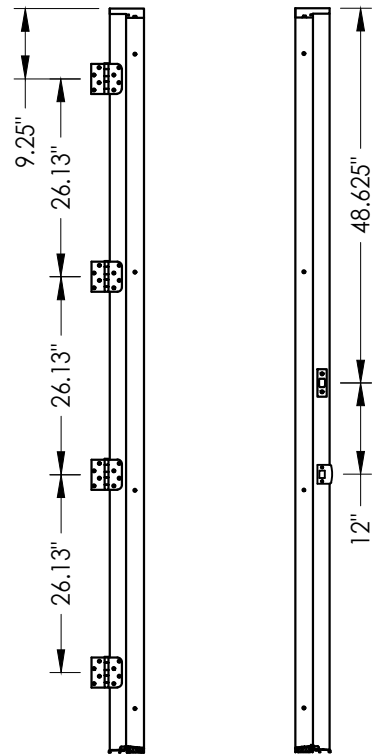
Z:\2023 FBC Drawings\Plastpro\FL-15210 R10\FL-15210.11.dwg



FRAME ANCHORING
OX



FRAME ANCHORING
OXO



STRIKE JAMB HINGE JAMB

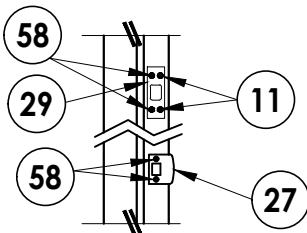
CONCRETE ANCHOR NOTES:

- 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:

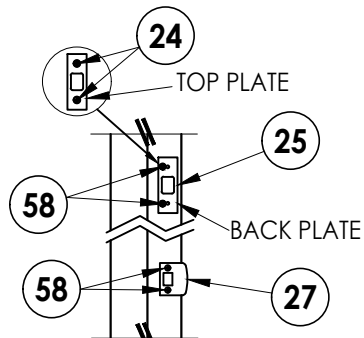
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRA CON+®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

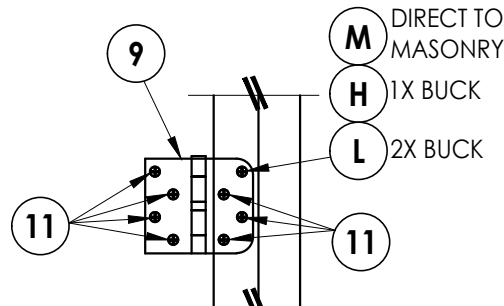
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



LATCH AND DEADBOLT
Kwikset /Baldwin Hardware



STRIKE DETAIL
Schlage Hardware



HINGE DETAIL

Documents Prepared By:

Lyndon F. Schmidt
P.E. No. 43409

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:

FRAME ANCHORING

DATE: 2/19/13

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15210.11

SHEET 12 OF 13

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

