



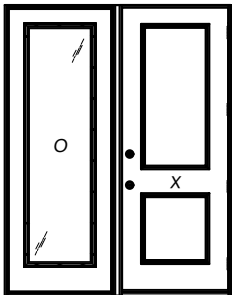
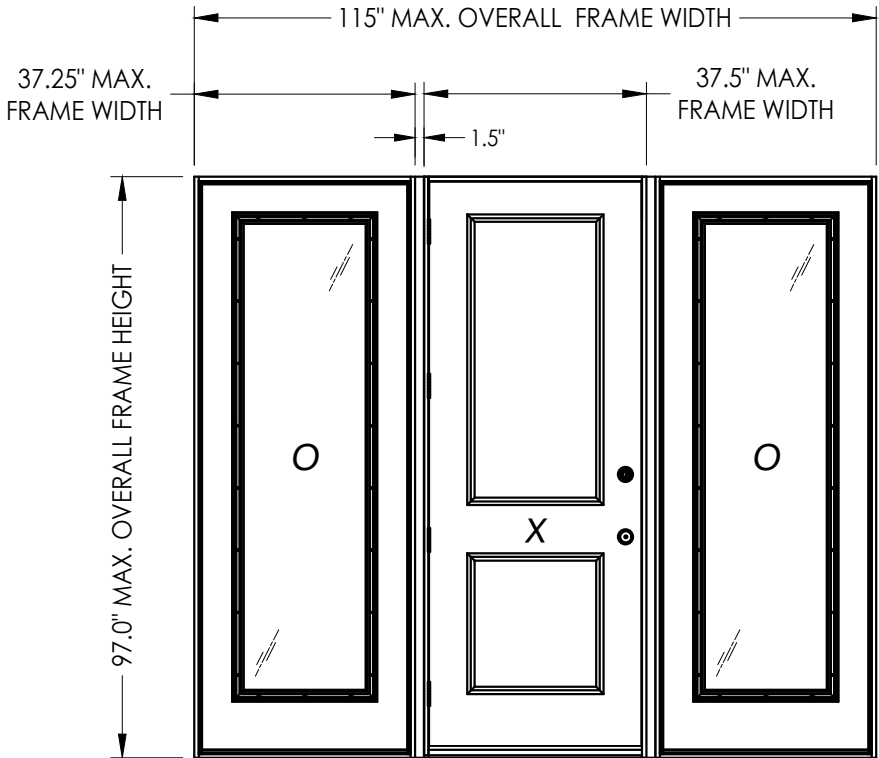
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

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

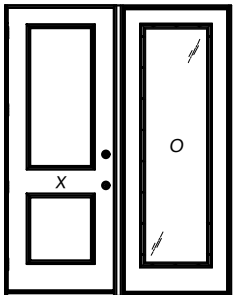
GENERAL NOTES

1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements including 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 the "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
4. 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.
5. For 2x stud construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
6. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
7. 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

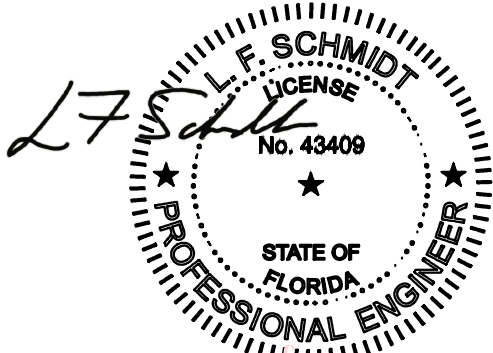


OX



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: 2026.07.28 13:52:40 -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

5	7/02/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS
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

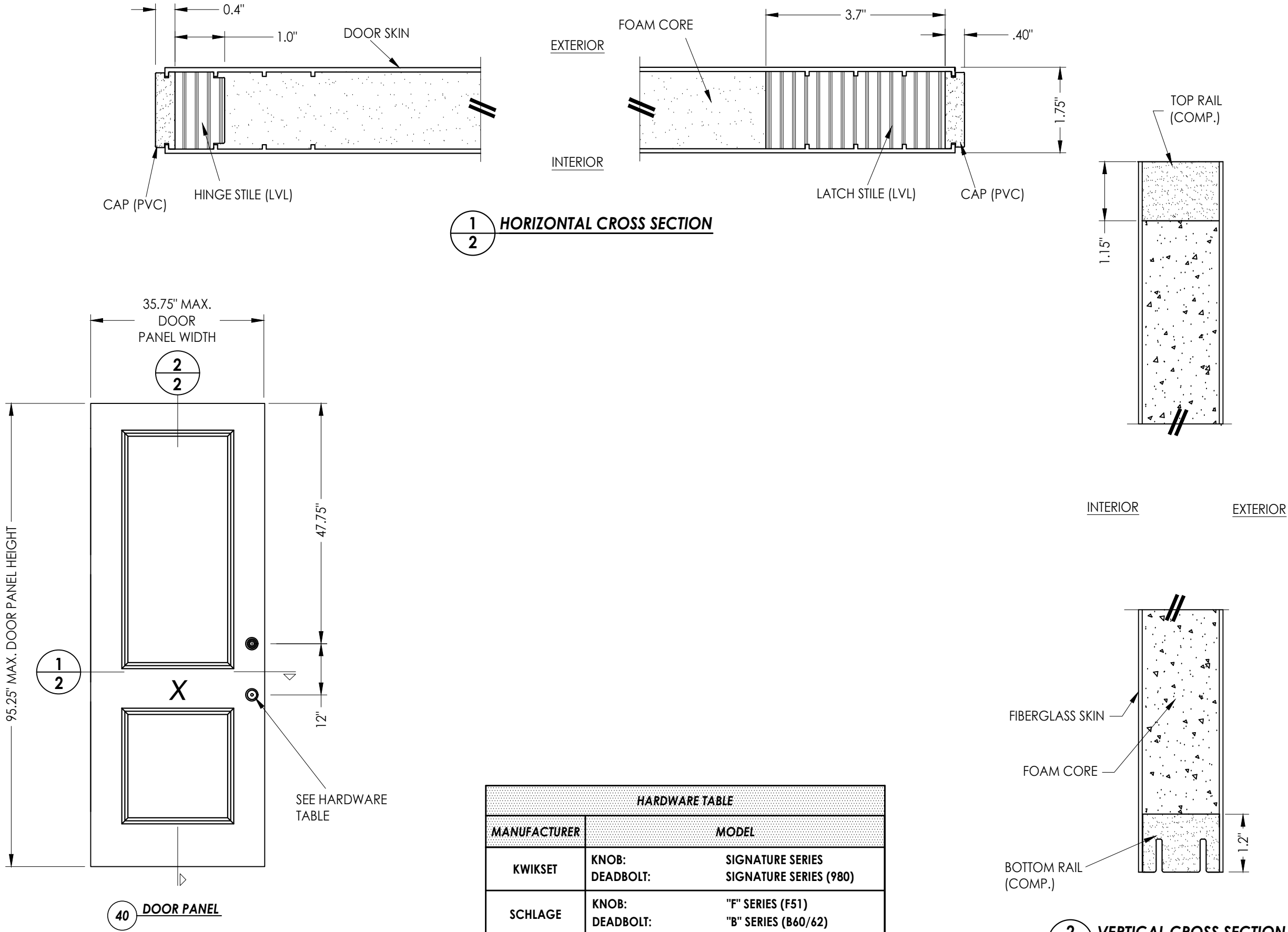
CHK. BY: LFS

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

G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-15210 R11\FL-15210.11.dwg



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

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

DATE: 2/19/13

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15210.11

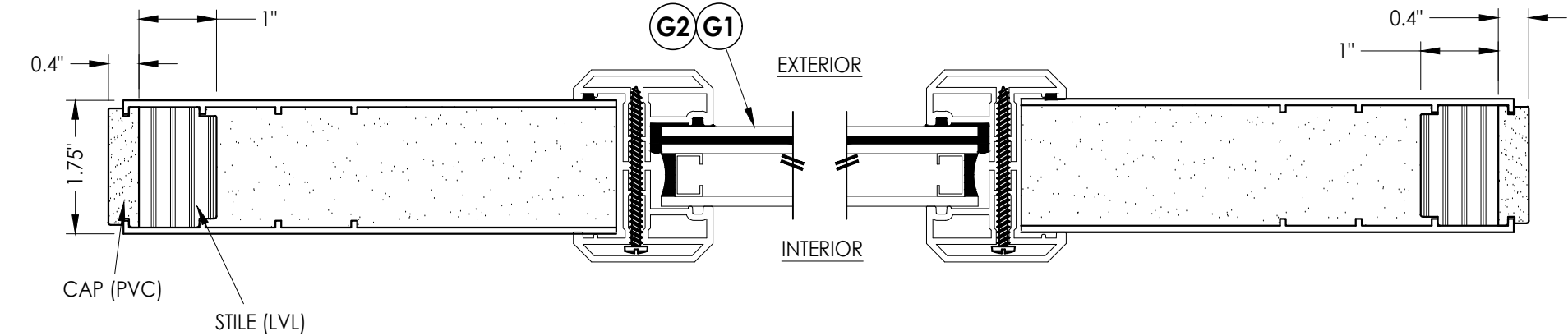
SHEET 2 OF 13

REVISIONS

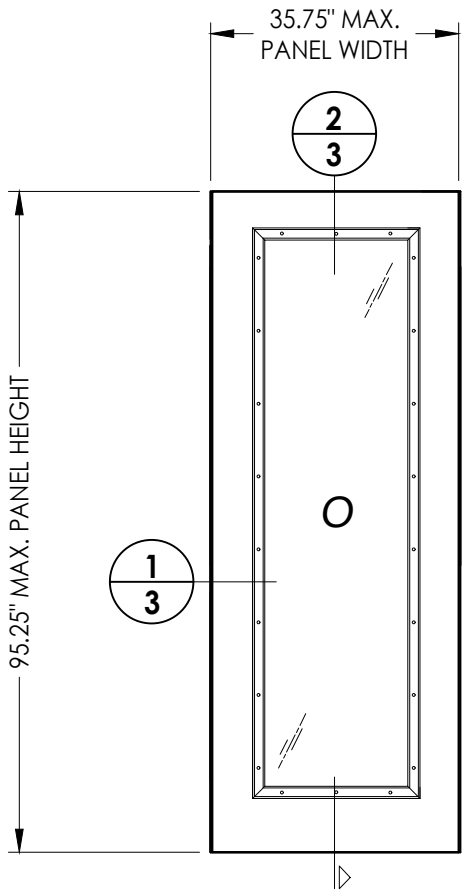
NO.	DATE	REVISIONS
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC
4	8/17/23	UPDATE TO 8TH ED. (2023) FBC
3	7/27/20	UPDATE TO 7TH ED. (2020) FBC
2	7/24/17	UPDATE TO 6TH ED. (2017) FBC
1	3/9/15	UPDATE TO 5TH ED. (2014) FBC

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

G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-15210 R11\FL-15210.11.dwg

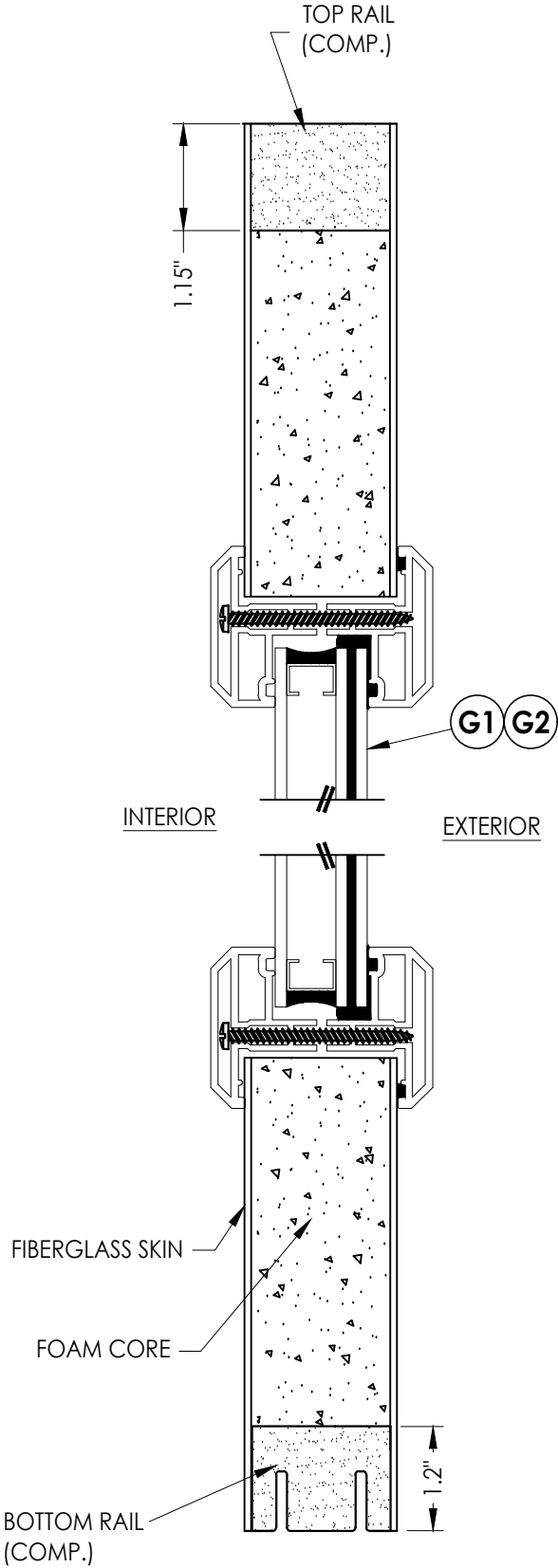


1
3 HORIZONTAL CROSS SECTION



50 SIDELITE PANEL

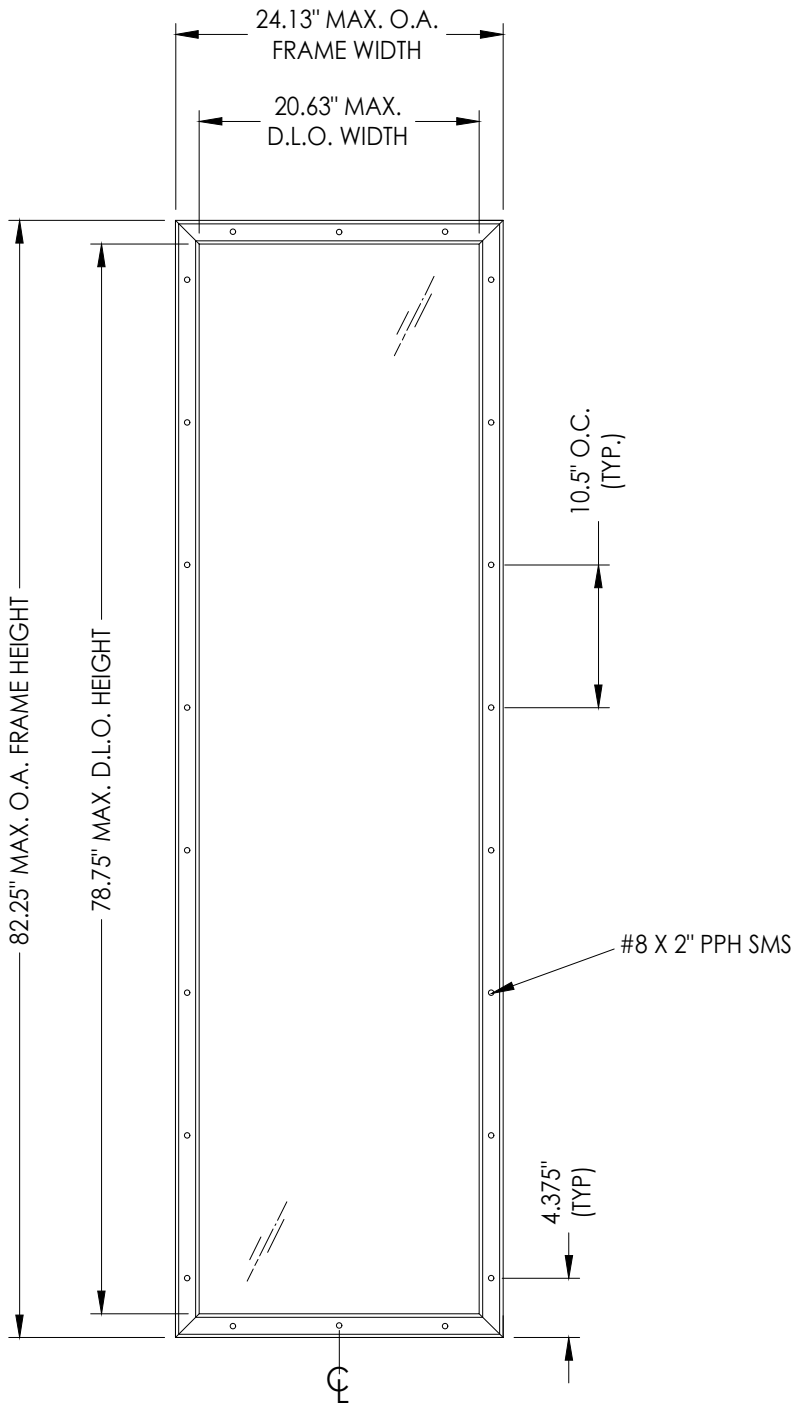
FIBERGLASS SIDELITE SKIN: MIN. 0.130" THK.
CORE MATERIAL: POLYURETHANE FOAM (1.9 PCF MIN.)



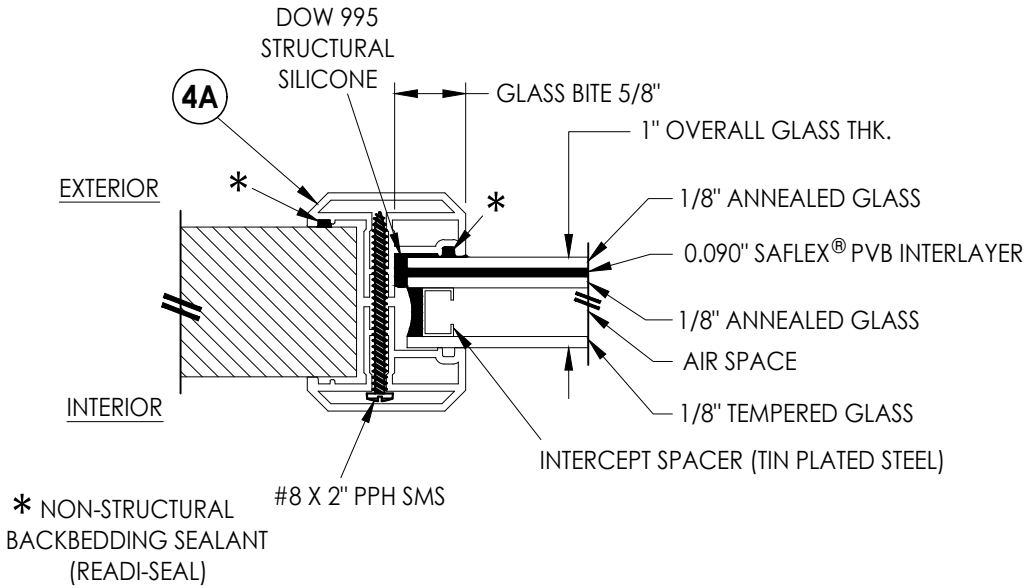
2
3 VERTICAL CROSS SECTION

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	
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC
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
NO.	DATE	REVISIONS	
DATE: 2/19/13			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15210.11			
SHEET 3 OF 13			

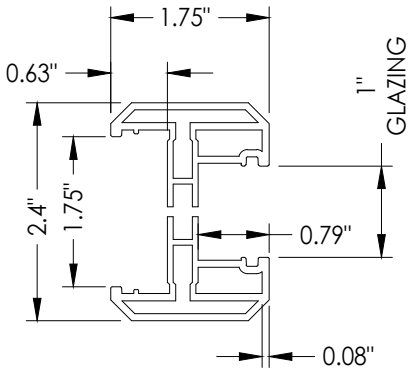
G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-15210 R11\FL-15210.11.dwg



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

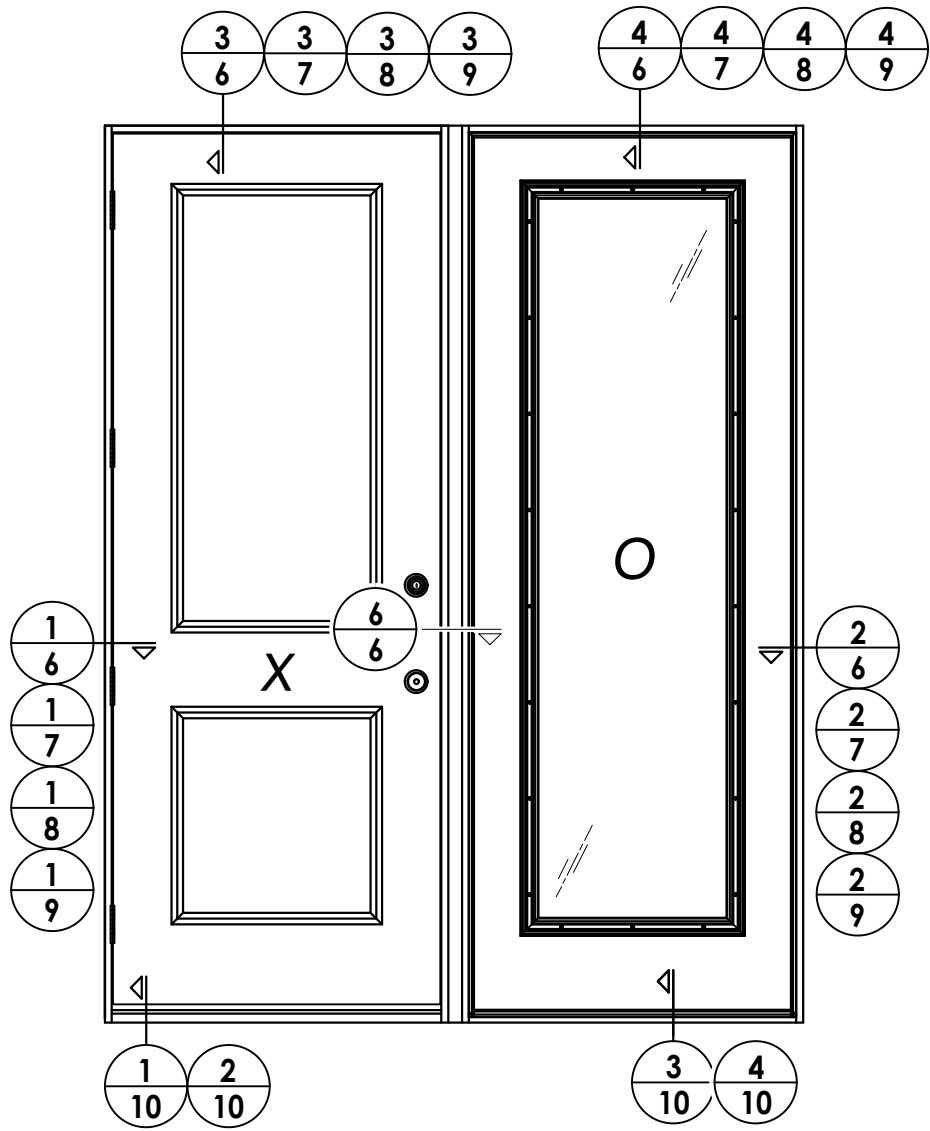
PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
LITE FRAME DETAILS
AND GLAZING DETAILS

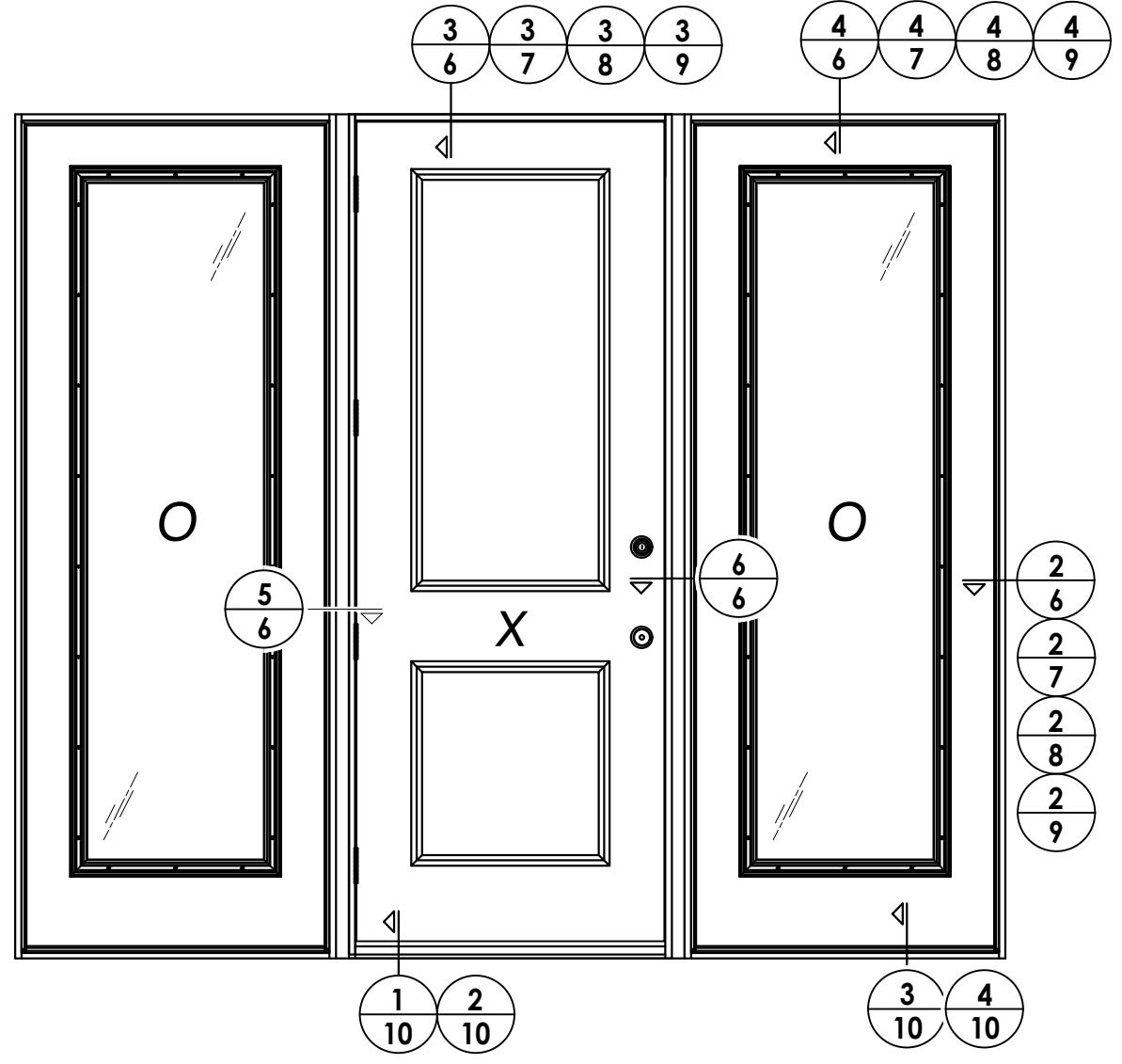
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-15210 R11\FL-15210.11.dwg



ELEVATION (XO - OX)



ELEVATION (OXO)

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

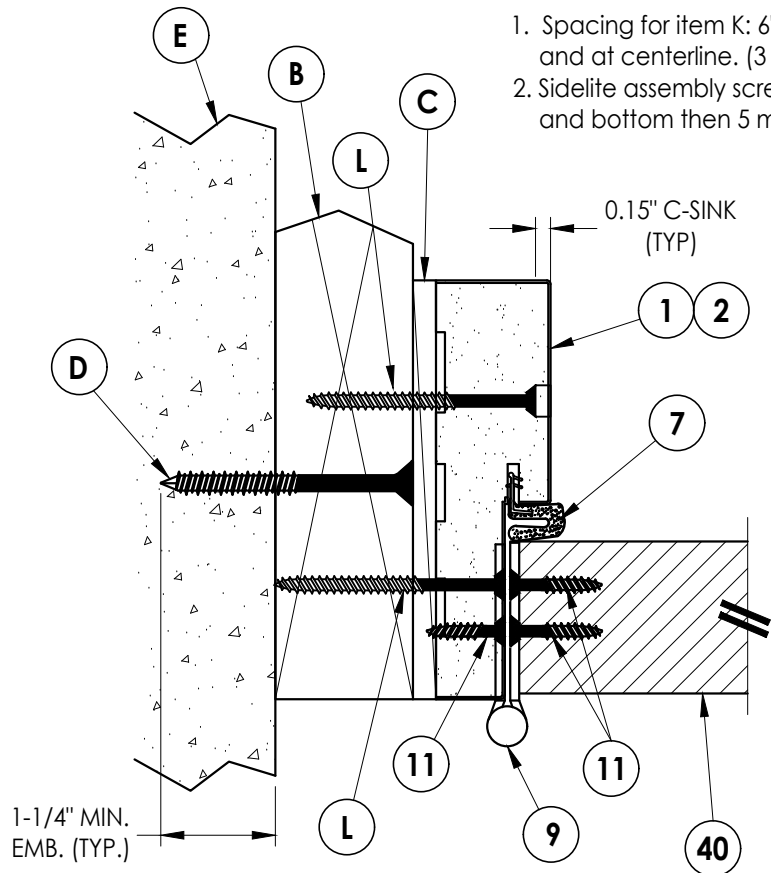
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

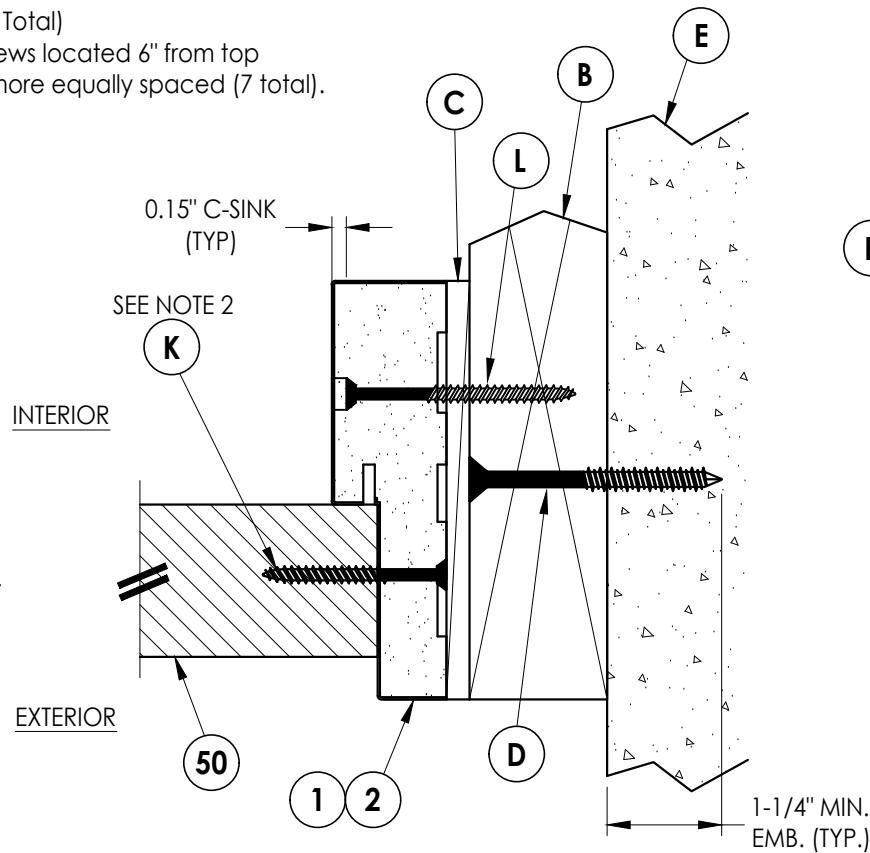
G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-15210 R11\FL-15210.11.dwg

NOTE

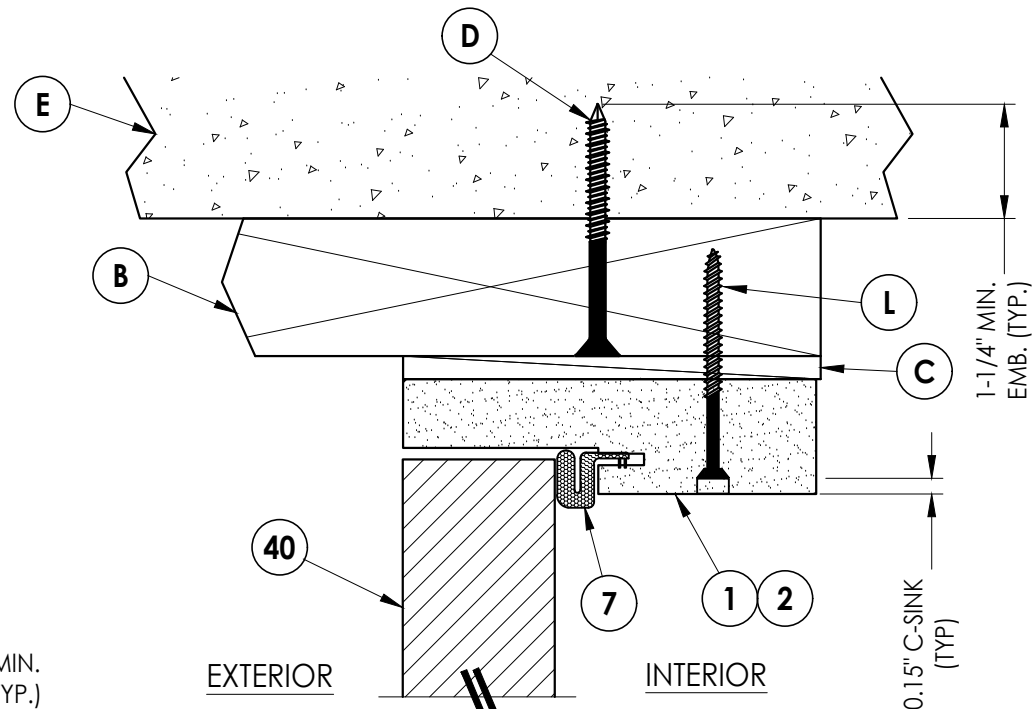
1. Spacing for item K: 6" from each end and at centerline. (3 Total)
2. Sidelite assembly screws located 6" from top and bottom then 5 more equally spaced (7 total).



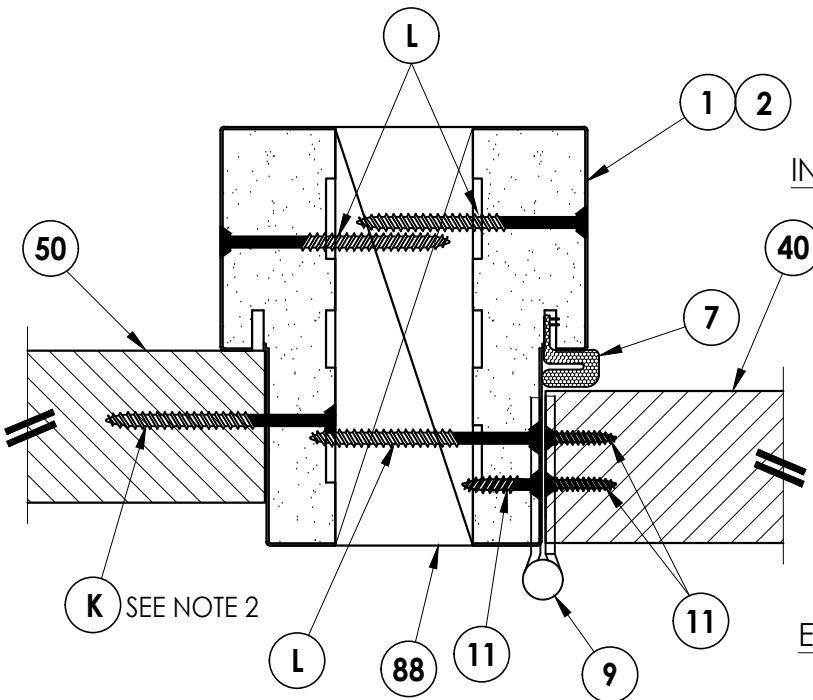
1
6 HORIZONTAL CROSS SECTION
Outswing



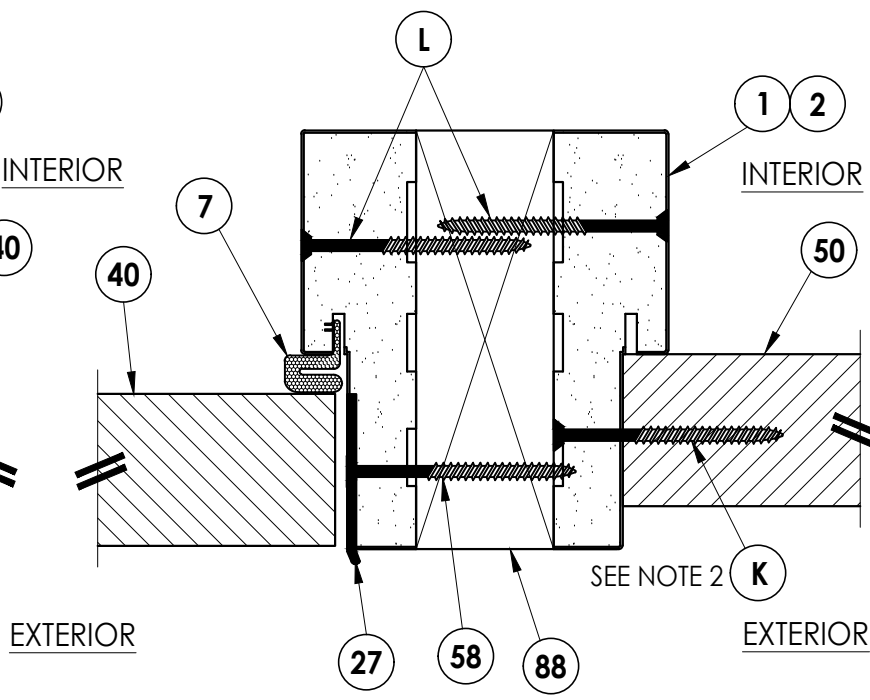
2
6 HORIZONTAL CROSS SECTION
Outswing



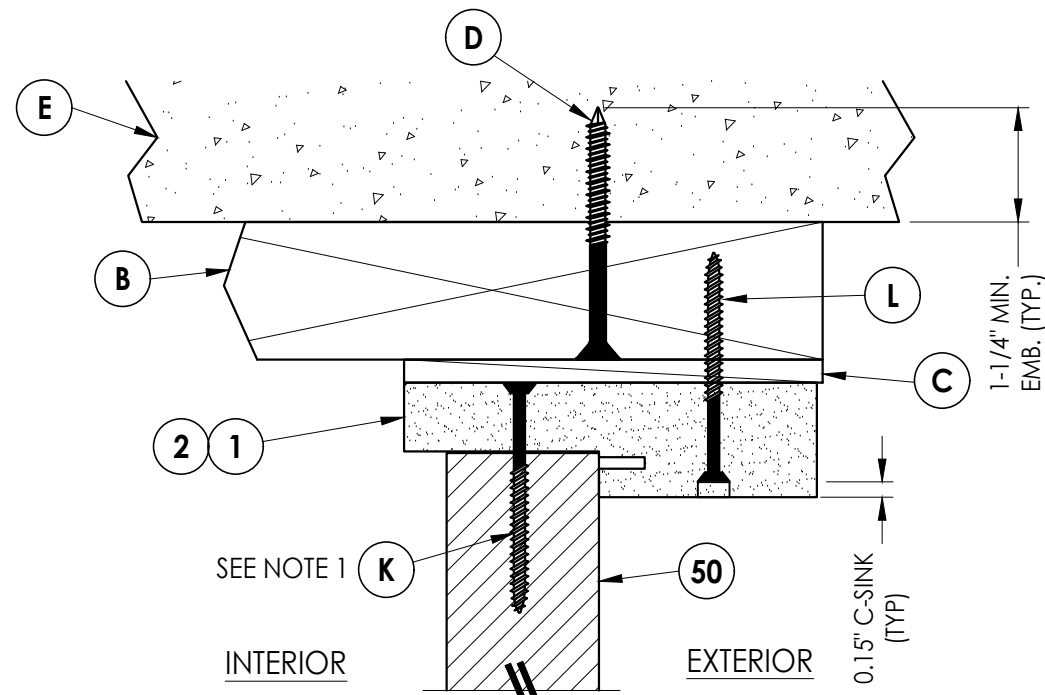
3
6 VERTICAL CROSS SECTION
Outswing



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

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

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

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS (2X BUCK)

NO.	DATE	REVISIONS
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC
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

DATE: 2/19/13

SCALE: N.T.S.

DWG. BY: JK

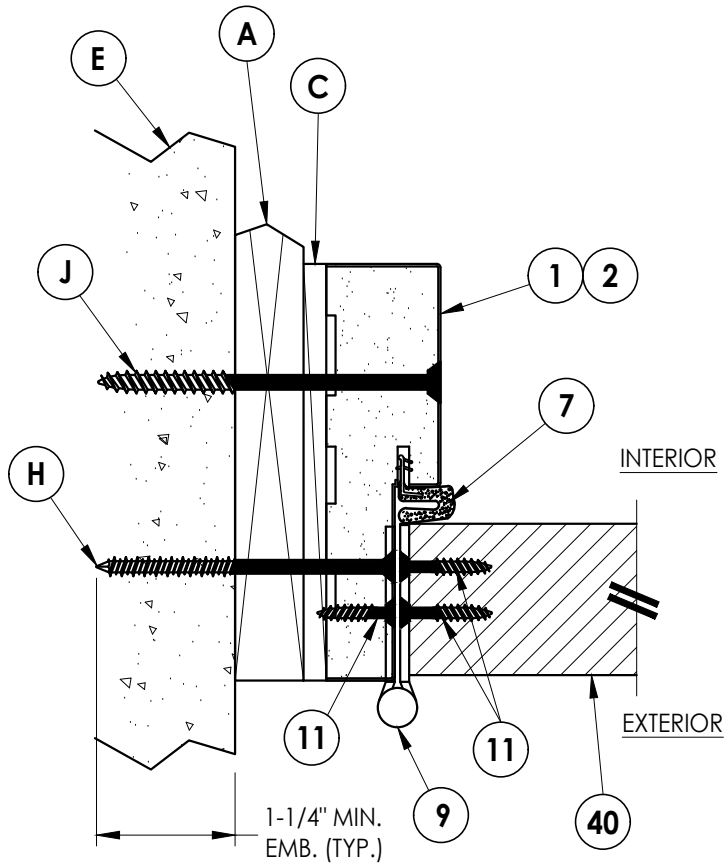
CHK. BY: LFS

DRAWING NO.:

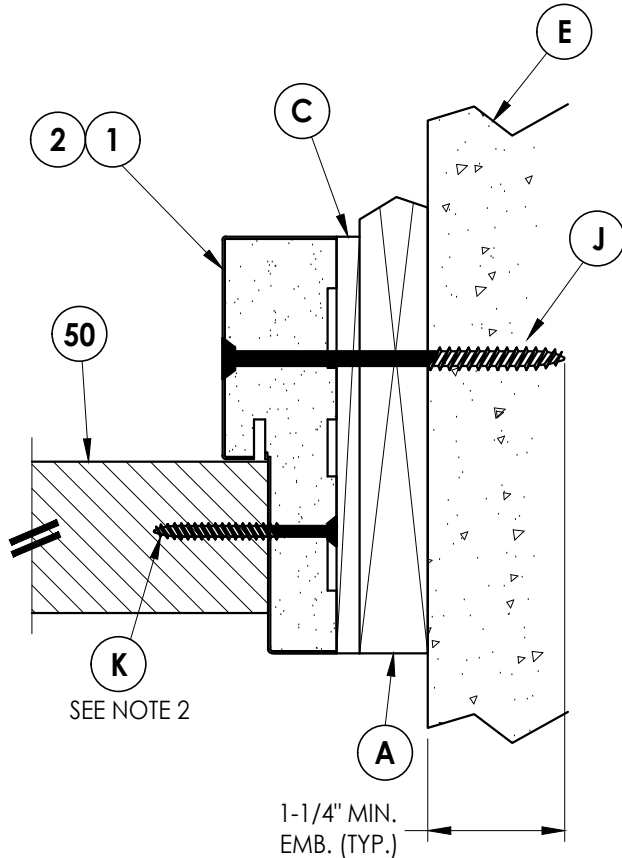
FL-15210.11

SHEET 6 OF 13

G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-15210 R11\FL-15210.11.dwg



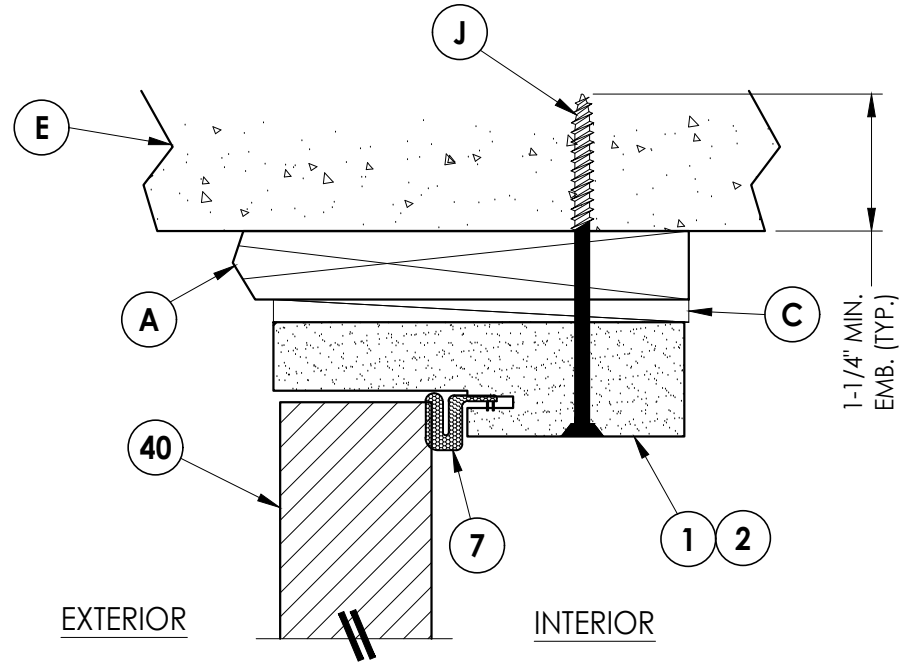
1
7 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing



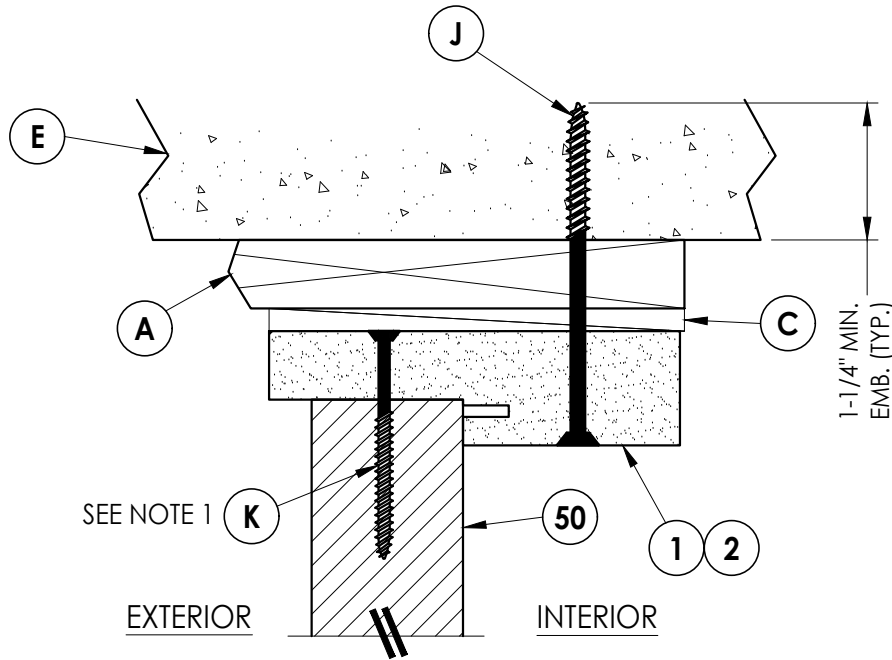
2
7 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing

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).



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



4
7 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
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 (1X BUCK)

NO.	DATE	REVISIONS	BY
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC	LFS
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

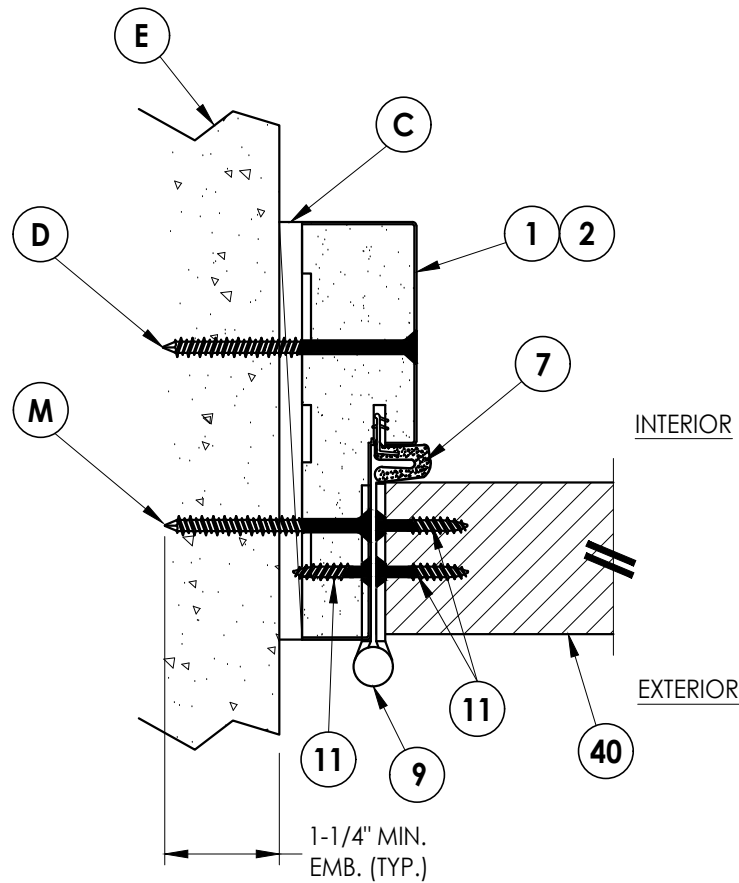
CHK. BY: LFS

DRAWING NO.:

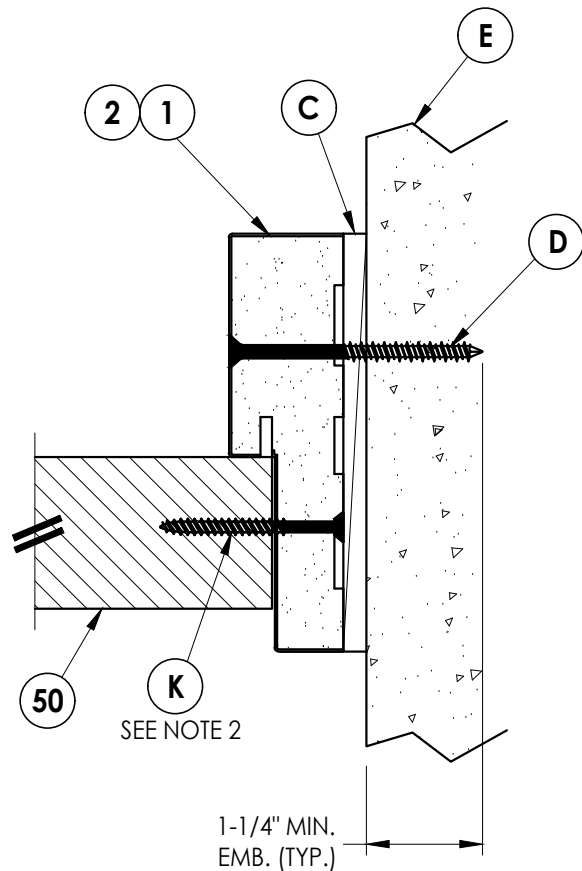
FL-15210.11

SHEET 7 OF 13

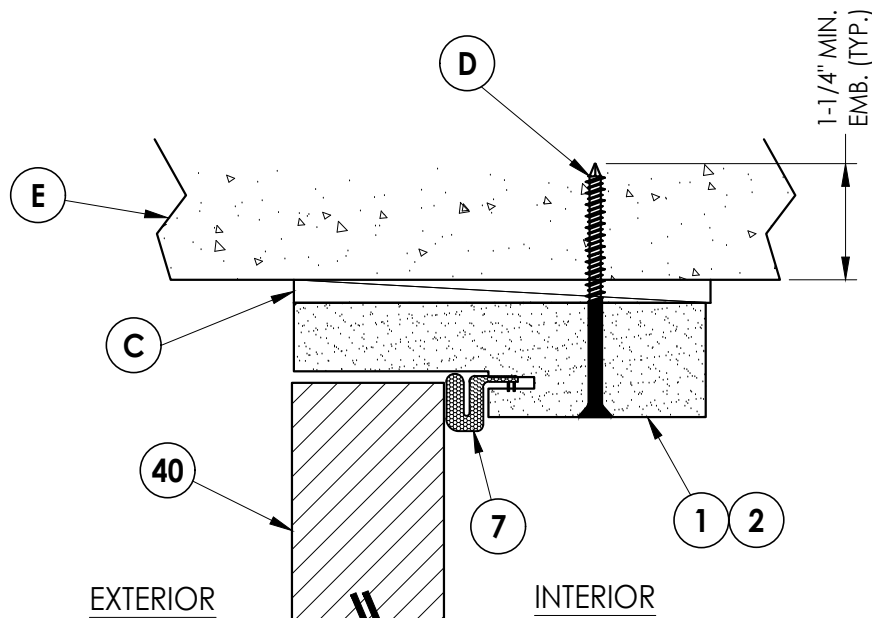
G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-15210 R11\FL-15210.11.dwg



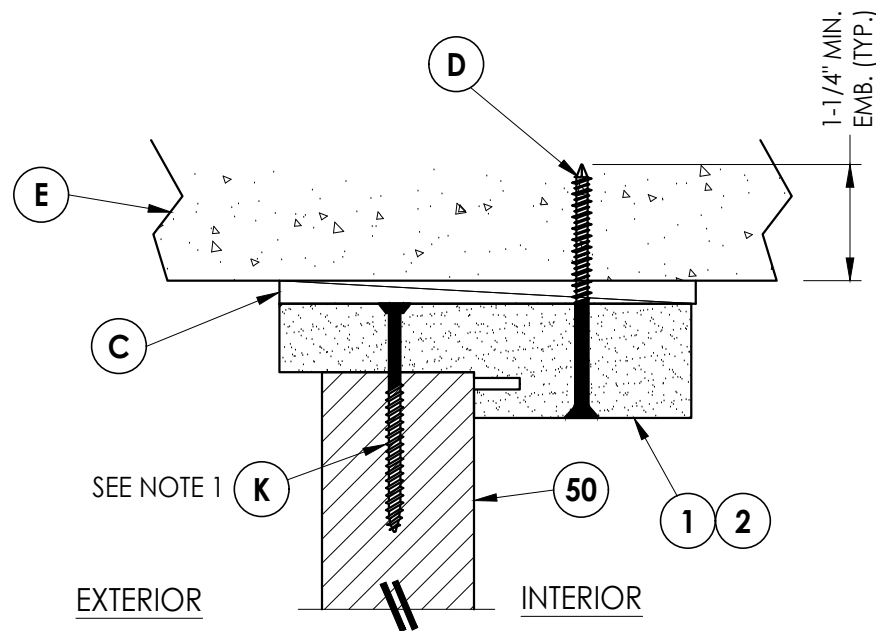
1
8 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing shown (Inswing similar)



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

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

BUILDING CONSULTANTS, INC.

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

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

NO.	DATE	REVISIONS
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC
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
NO.	DATE	BY

DATE: 2/19/13

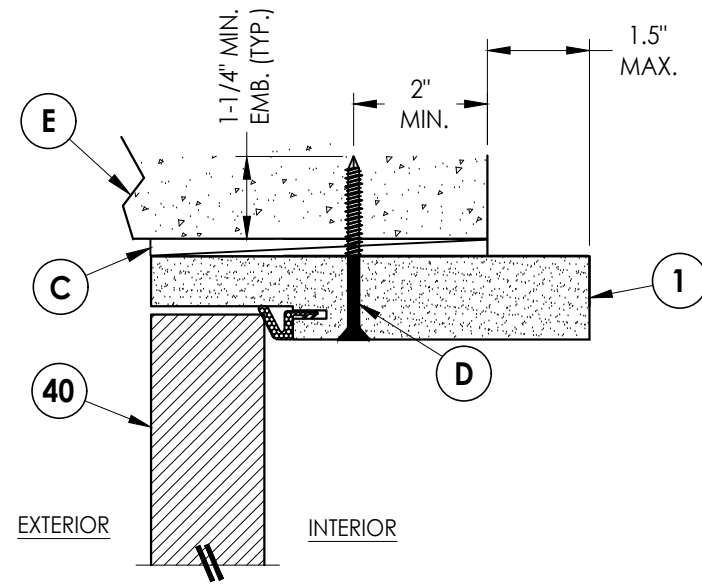
SCALE: N.T.S.

DWG. BY: JK

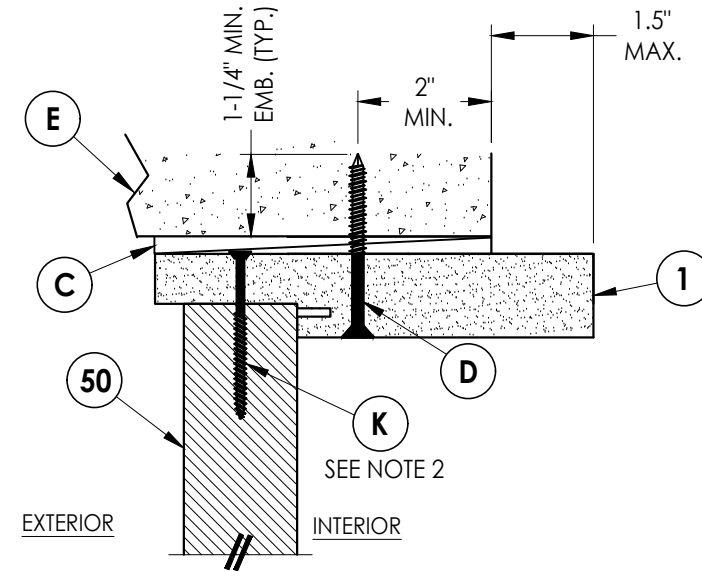
CHK. BY: LFS

DRAWING NO.:
FL-15210.11

SHEET 8 OF 13



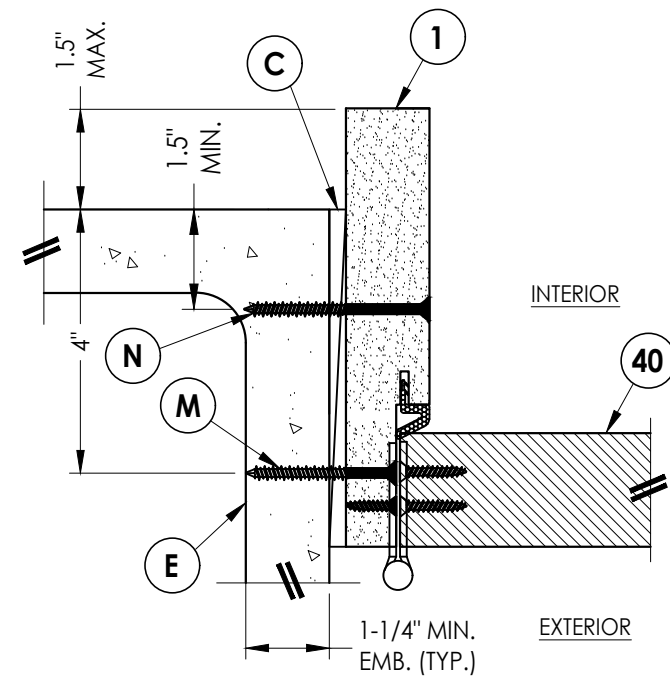
3 **VERTICAL CROSS SECTION**
9 Shown Direct to Masonry
 Outswing only w/ 6-9/16" jamb



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

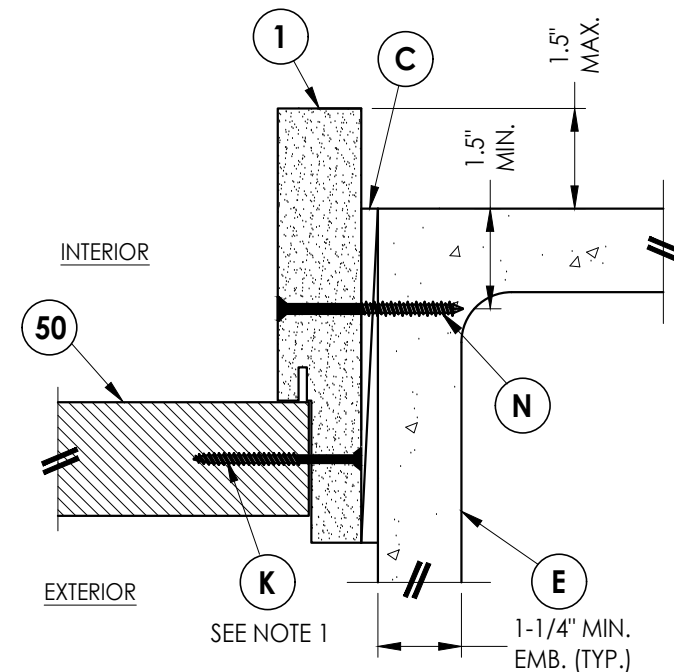
Notes:

1. Spacing for item K: 6" from ends and 5 more equally spaced along sidelite (7 total).
2. Spacing for item K: 3" from each end.



1 9 **HORIZONTAL CROSS SECTION**

Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

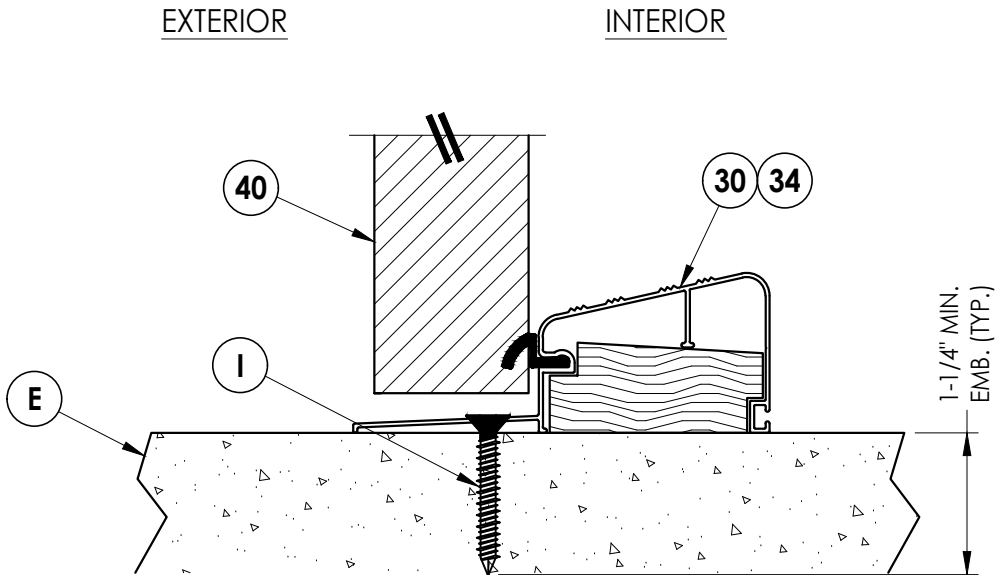


2 HORIZONTAL CROSS SECTION

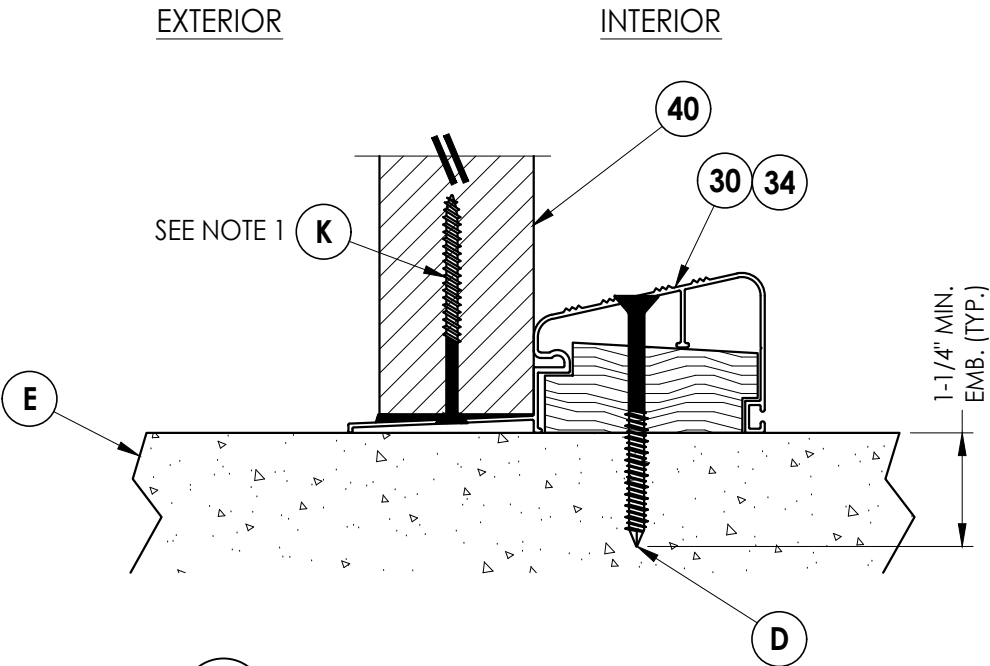
9 Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

DATE: 2/19/13					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-15210.11					
SHEET 9 OF 13					
		5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC
		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
		NO.	DATE		
		REVISIONS			

G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-15210 R11\FL-15210.11.dwg



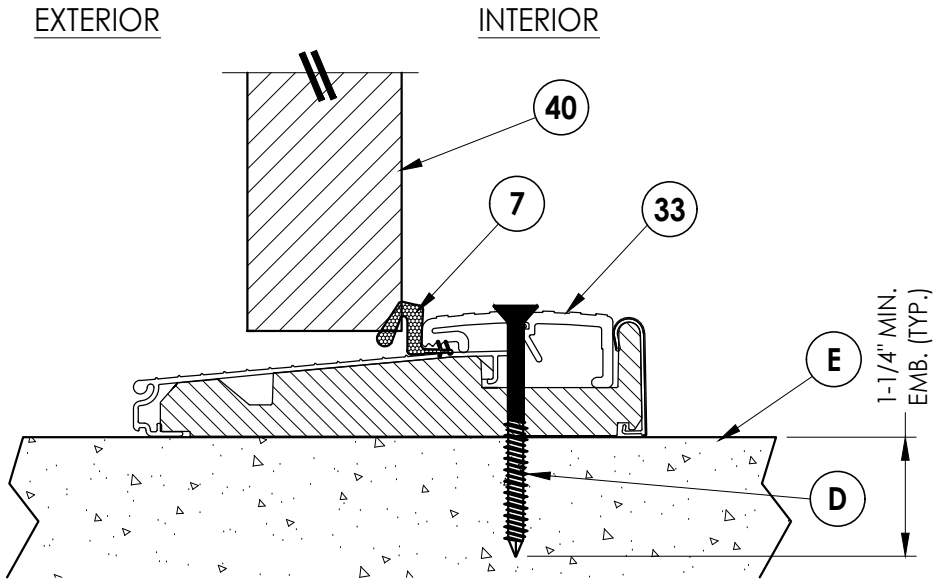
1
10 VERTICAL CROSS SECTION



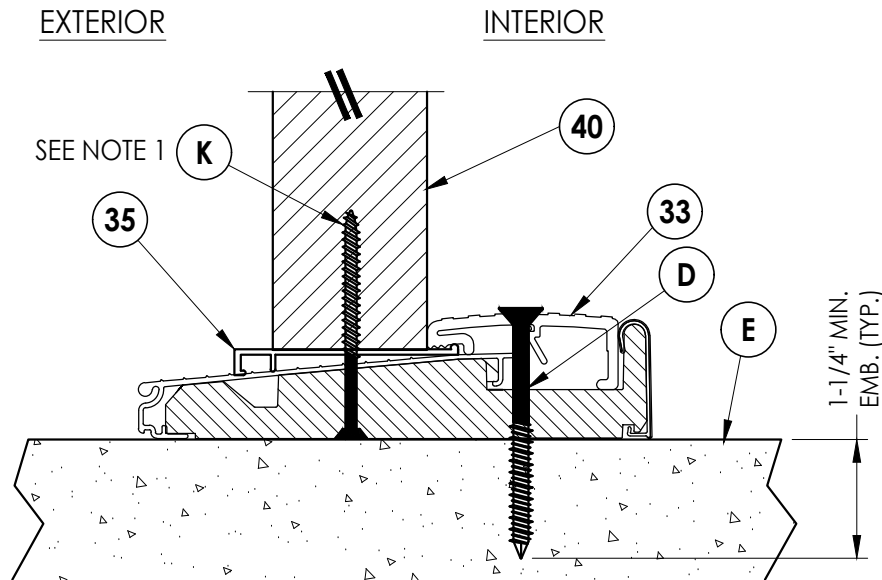
3
10 VERTICAL CROSS SECTION

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
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC
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
NO.	DATE	

DATE: 2/19/13

SCALE: N.T.S.

DWG. BY: JK

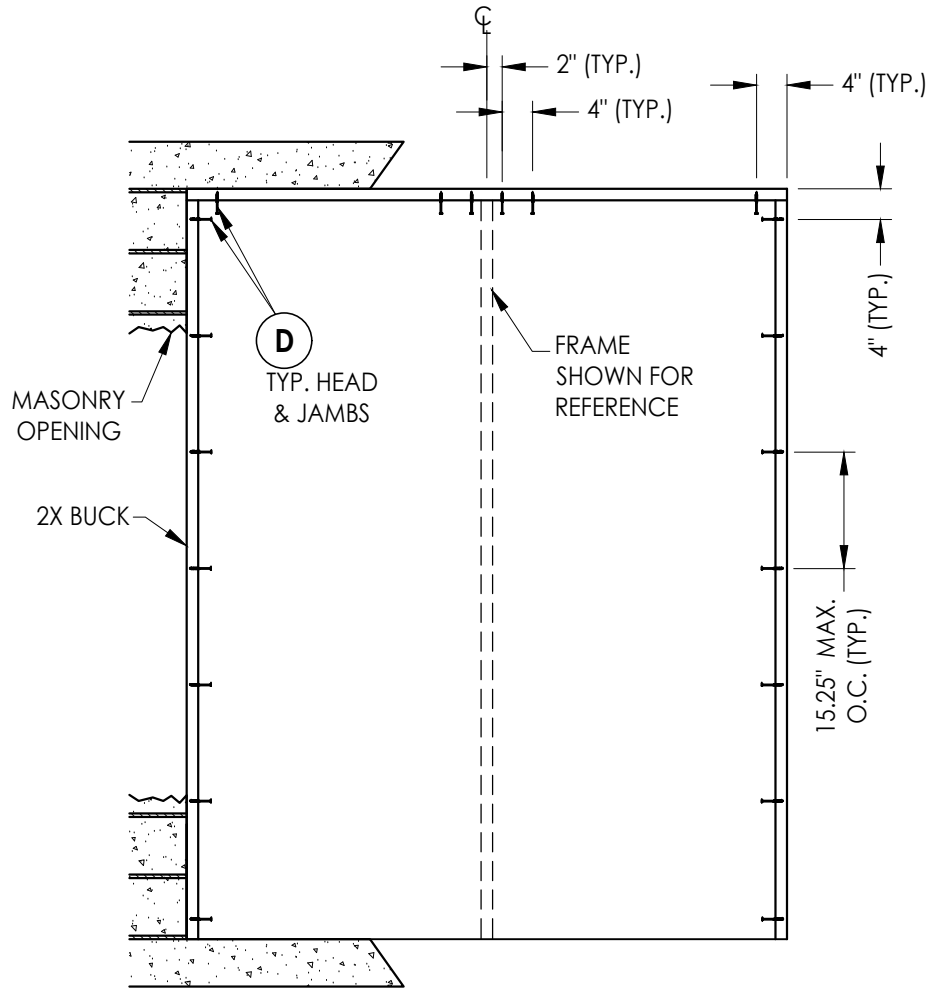
CHK. BY: LFS

DRAWING NO.:

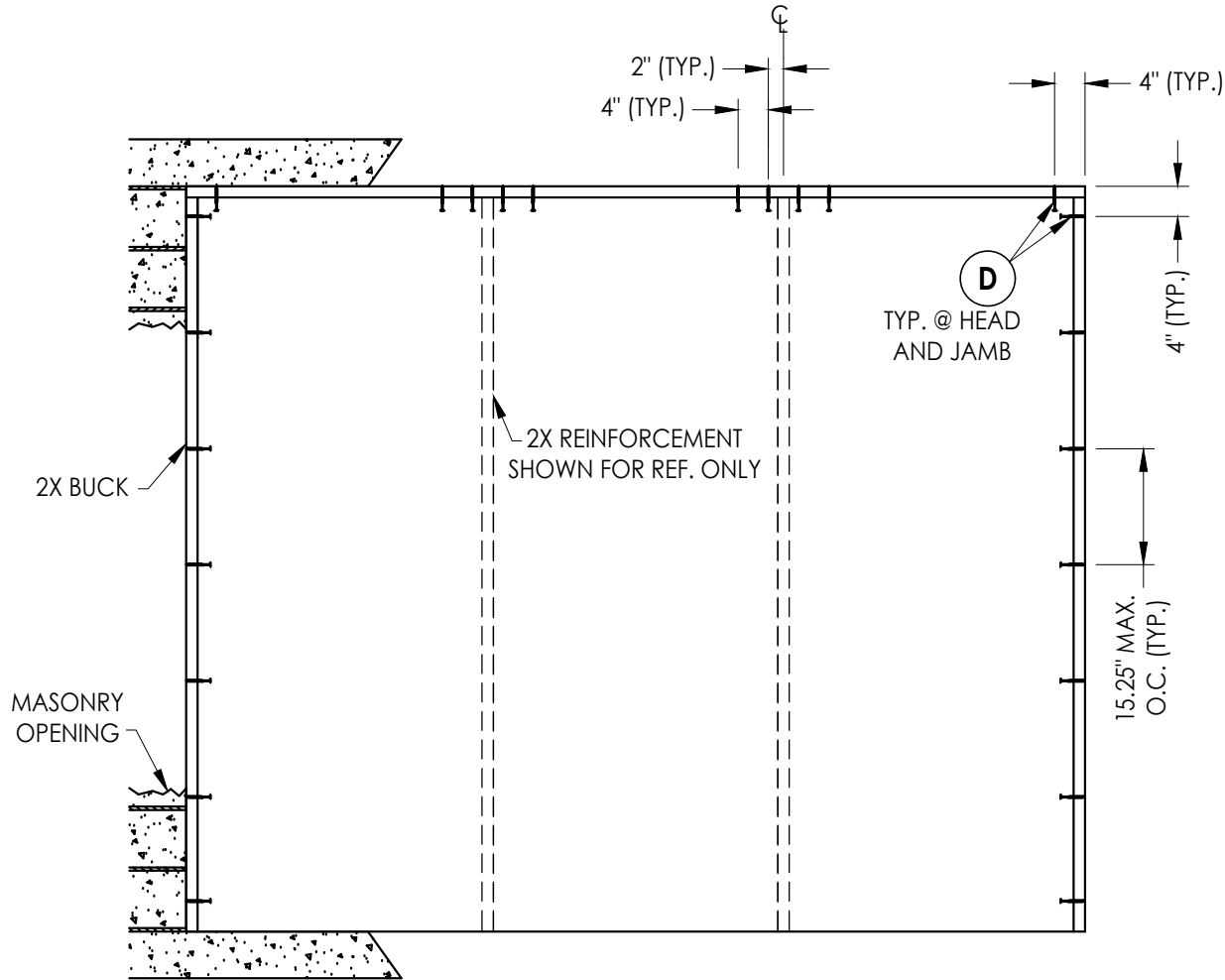
FL-15210.11

SHEET 10 OF 13

G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-15210 R11\FL-15210.11.dwg



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"

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

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

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

PART OR ASSEMBLY:
BUCK ANCHORING

NO.	DATE	REVISIONS
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC
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
NO.	DATE	BY

DATE: 2/19/13

SCALE: N.T.S.

DWG. BY: JK

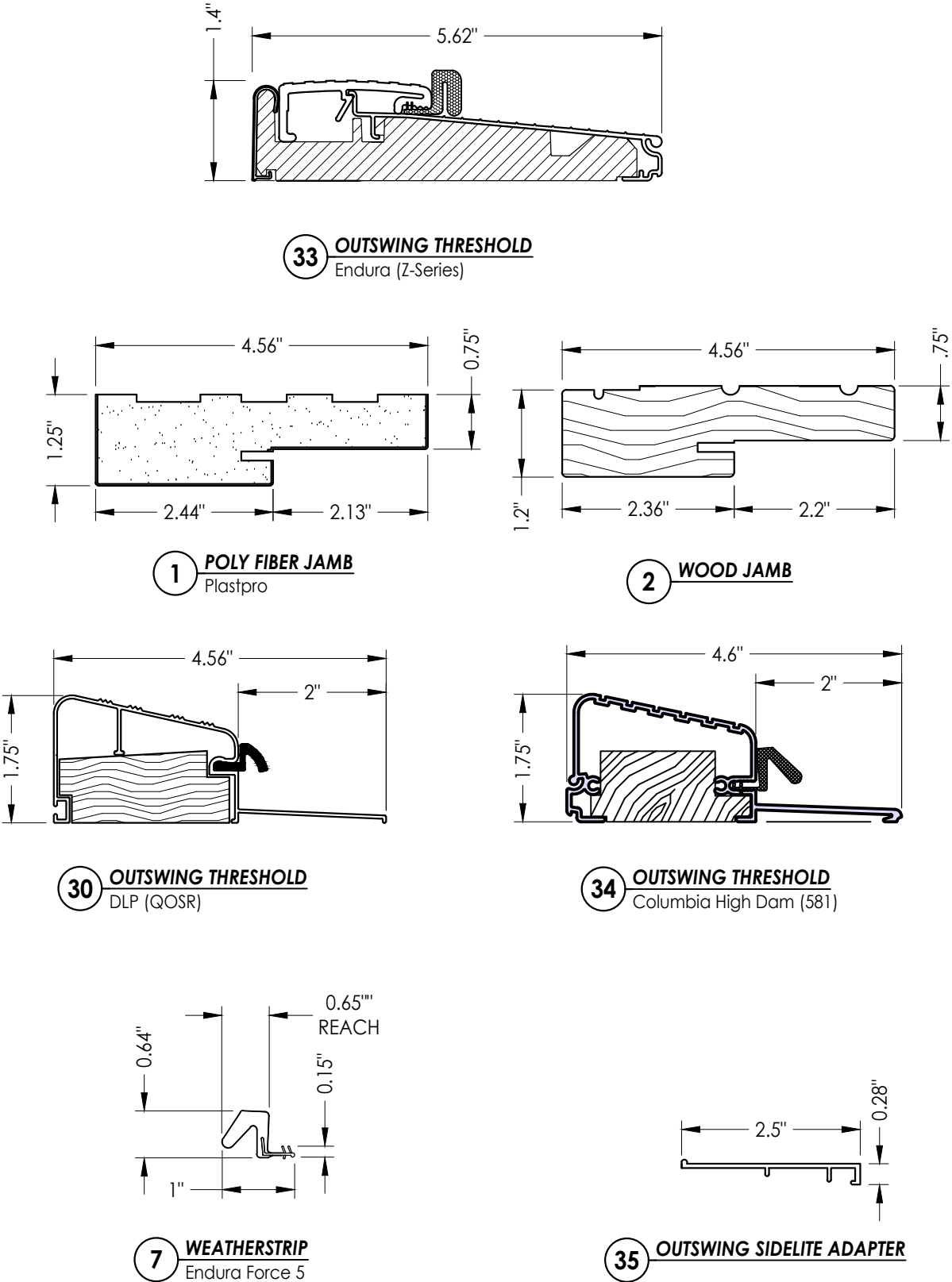
CHK. BY: LFS

DRAWING NO.:
FL-15210.11

SHEET 11 OF 13

G:\2023 FBC DRAWINGS 7-27-26\Plastpro\FL-15210 R11\FL-15210.11.dwg

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	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
H	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	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	#9 X 2-1/2" PFH WOOD SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
M	3/16" x 2-1/4" PFH ITW CONCRETE SCREW	STEEL
N	3/16" x 2-3/4" PFH ITW CONCRETE SCREW	STEEL
1	POLY FIBER JAMB	POLY FIBER
2	FINGER JOINTED PINE FRAME	WOOD
7	WEATHERSTRIP	FOAM
9	4" X 4" BUTT HINGE	STEEL
11	#9 X 3/4" PFH WOOD SCREW	STEEL
24	10-32 X 3/8" PFH MACHINE SCREW	STEEL
25	DEADBOLT STRIKE PLATE (SCHLAGE)	STEEL
27	LATCH STRIKE PLATE	STEEL
29	DEADBOLT STRIKE PLATE (SECURITY)	STEEL
30	OUTSWING THRESHOLD	ALUM/WOOD
33	OUTSWING THRESHOLD	ALUM/COMP
34	OUTSWING THRESHOLD	ALUM/WOOD
35	OUTSWING SIDELITE ADAPTER	VINYL
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
50	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR DETAILS	-
58	#8 X 2" PFH WS	STEEL
88	2X REINFORCEMENT SG >= 0.55	WOOD



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: BILL OF MATERIALS AND COMPONENTS	
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC
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
NO.	DATE		BY
REVISIONS			
DATE: 2/19/13			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15210.11			
SHEET 13 OF 13			