



plastpro

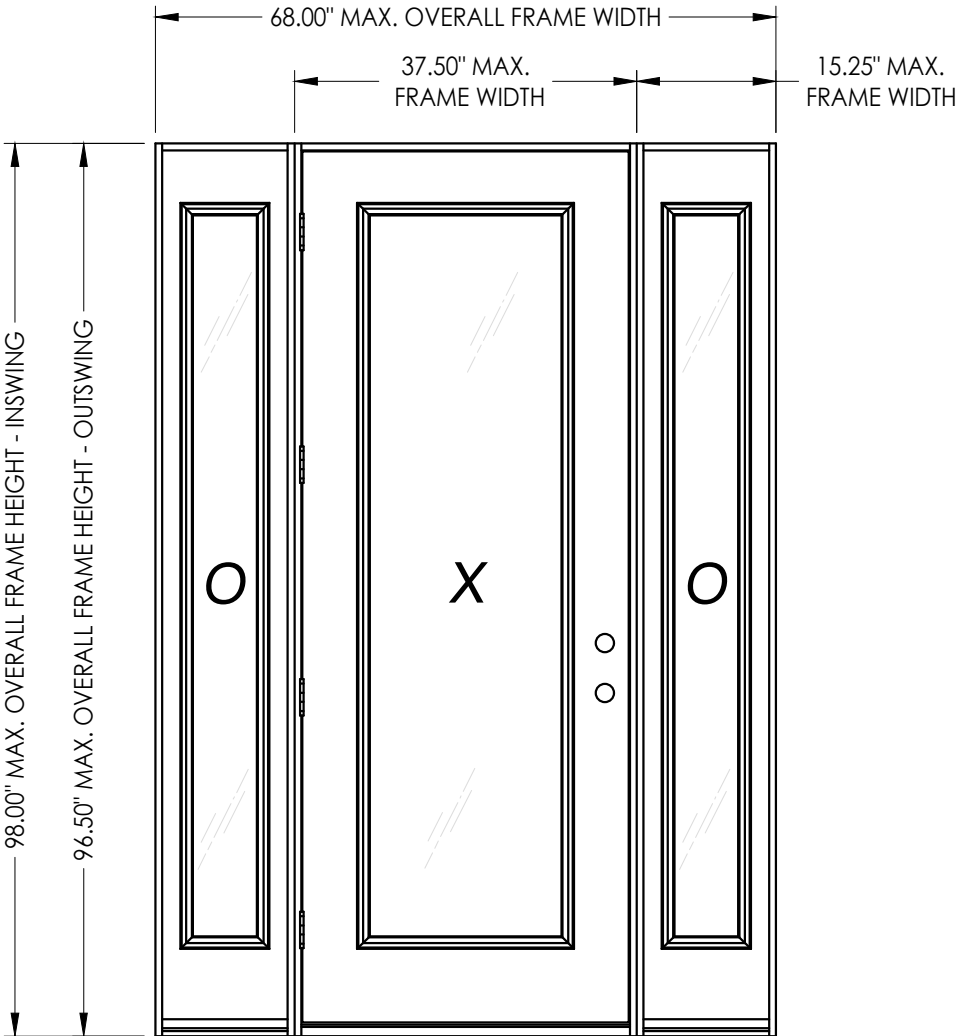
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

ONELITE SERIES
FLUSH GLAZED FIBERGLASS DOOR
w/ SIDELITES
INSWING / OUTSWING
"NON-IMPACT"

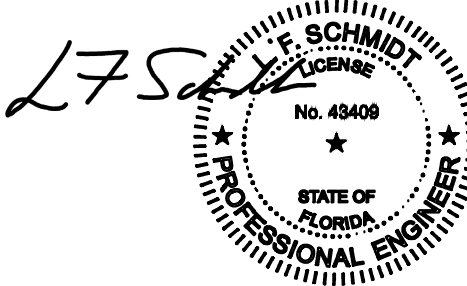
GENERAL NOTES

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 Section 1609.1.2 & R301.2.1.2 of the FBC.
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 elevation, design pressures, & general notes
2	Door panel details
3	Sidelite panel details
4	Horizontal cross sections
5	Vertical cross sections
6	Vertical cross sections
7	Buck and frame anchoring - 2X buck masonry construction
8	Frame anchoring - 1X buck masonry construction
9	Bill of materials, glazing detail & components



SWING	OVERALL FRAME DIMENSION	DOOR D.L.O. DIMENSION	SIDELITE D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
					POSITIVE	NEGATIVE
INSWING	68.00" x 98.00"	21.00" x 79.00"	7.00" x 79.00"	G1	+42.0	-48.0
OUTSWING	68.00" x 96.50"	21.00" x 79.00"	7.00" x 79.00"		+42.0	-42.0



Digitally signed by
Lyndon F Schmidt
Date: 2023.08.16
09:07:29 -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

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

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

4
8/15/23
UPDATE TO 8TH ED. (2023) FBC

3
8/05/20
UPDATE TO 7TH ED. (2020) FBC

2
7/25/17
UPDATE TO 6TH ED. (2017) FBC

1
04/22/15
UPDATE TO 5TH ED. (2014) FBC

NO.

DATE

REVISIONS

DATE: 02/15/12

SCALE: N.T.S.

DWG. BY: JK

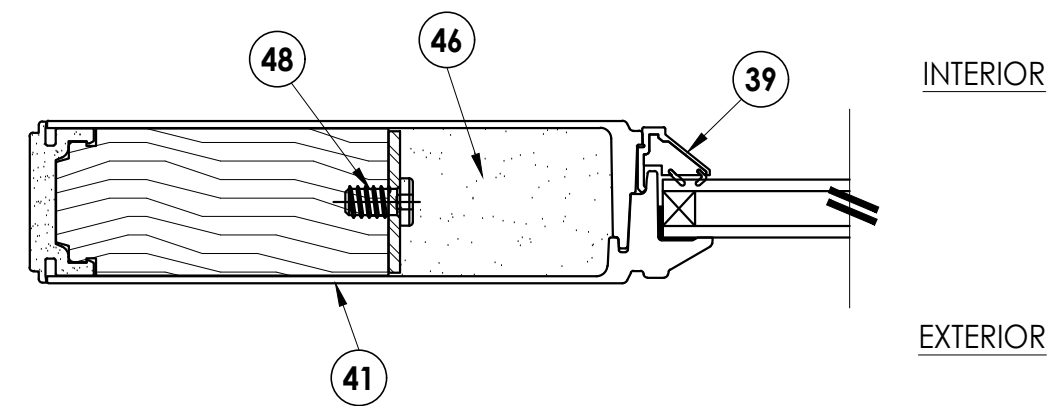
CHK. BY: LFS

DRAWING NO.: FL-15215.8

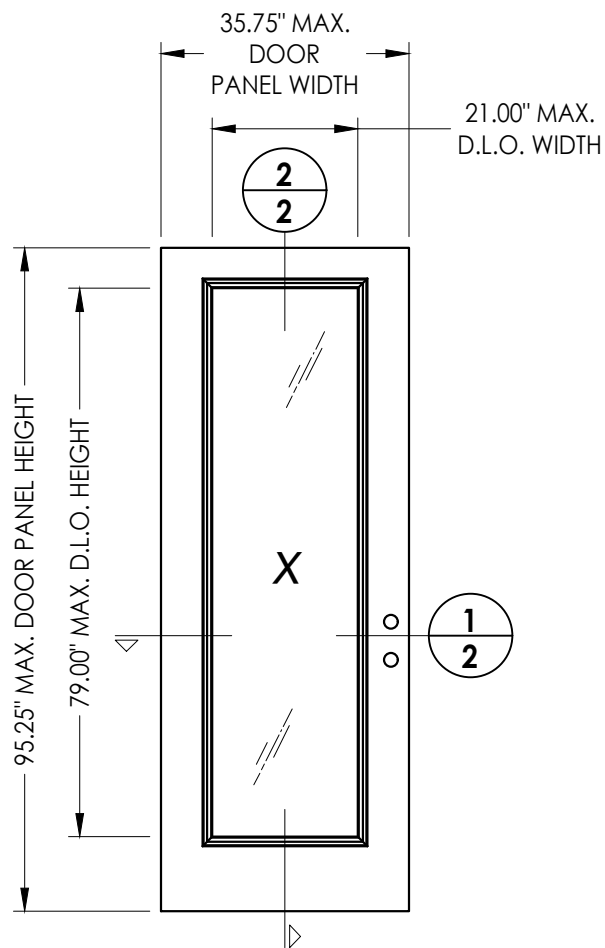
SHEET 1 OF 9

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

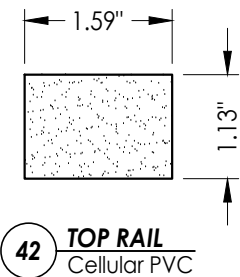
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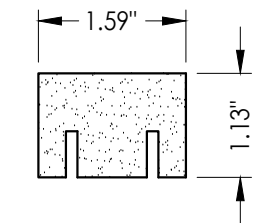
1
2 **HORIZONTAL CROSS SECTION**



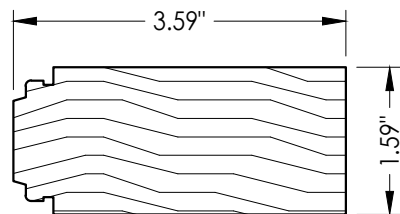
40 **DOOR PANEL**



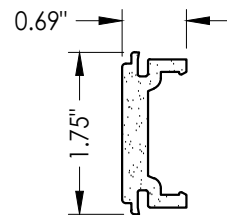
42 **TOP RAIL**
Cellular PVC



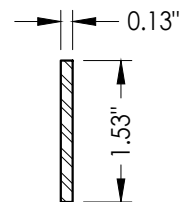
45 **BOTTOM RAIL**
Cellular PVC



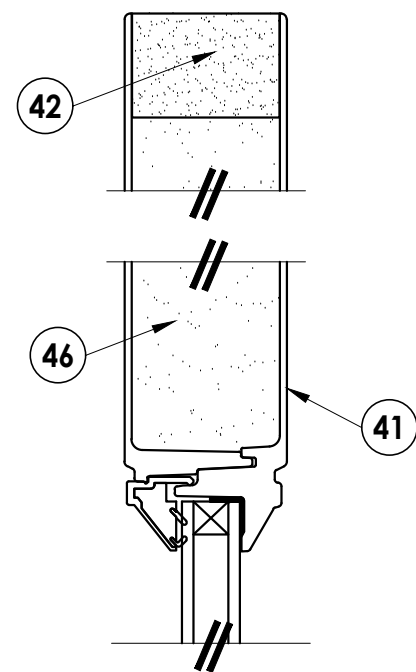
44 **LATCH & HINGE**
Stile support



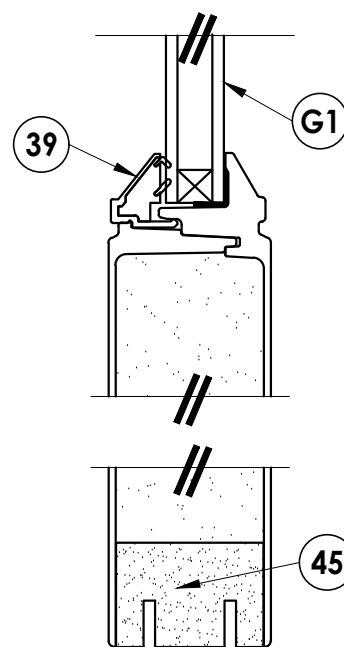
43 **LATCH & HINGE STILE**
Cellular PVC



47 **STILE REINFORCEMENT**



INTERIOR EXTERIOR



2
2 **VERTICAL CROSS SECTION**

Documents Prepared By:
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P.E. No. 43409

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P.O. Box 230, Vairico, 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	8/15/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	8/05/20	UPDATE TO 7TH ED. (2020) FBC DAC
2	7/25/17	UPDATE TO 6TH ED. (2017) FBC JK
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC JK

DATE: 02/15/12

SCALE: N.T.S.

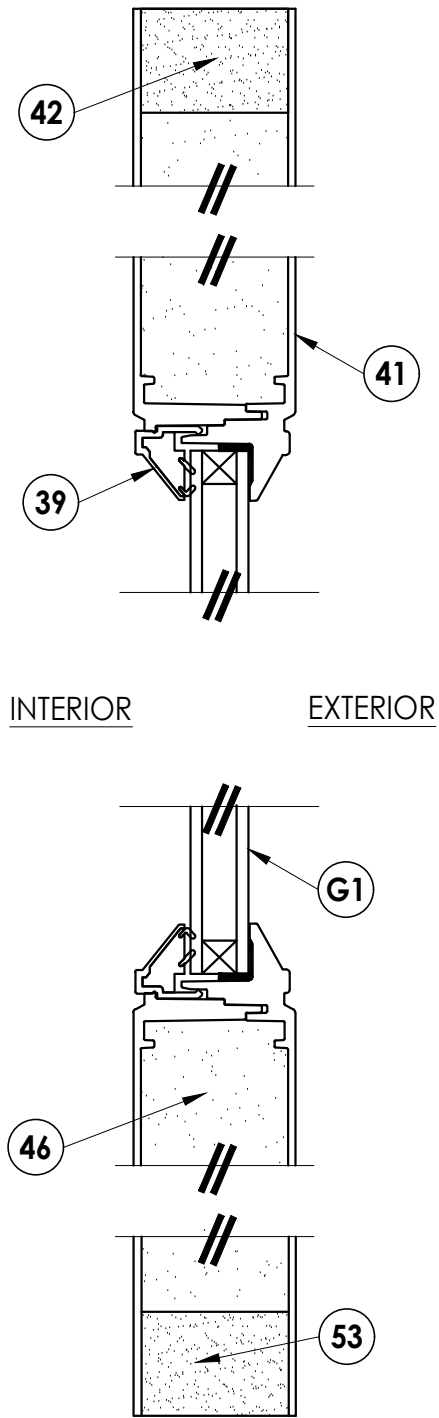
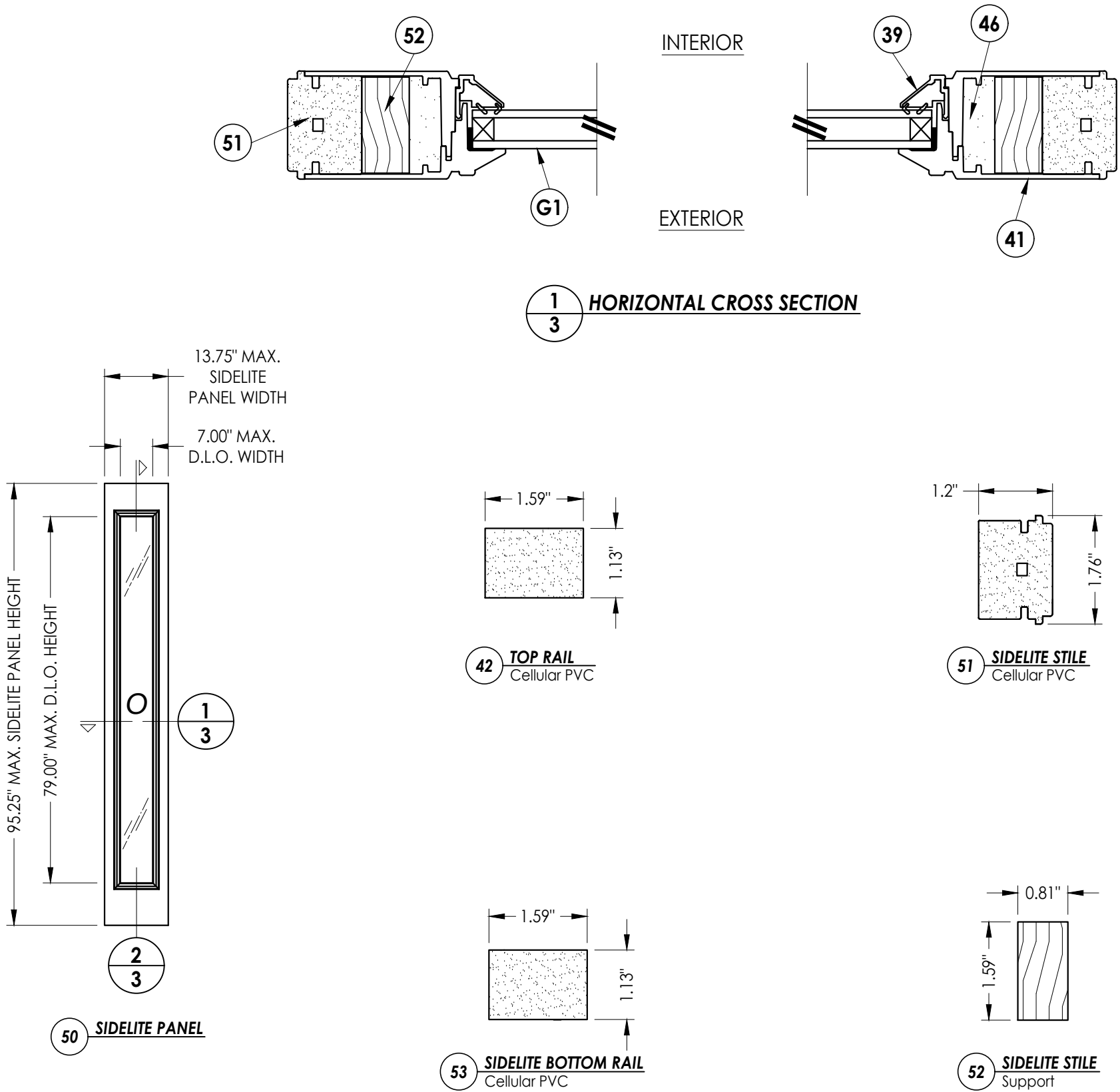
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CHK. BY: LFS

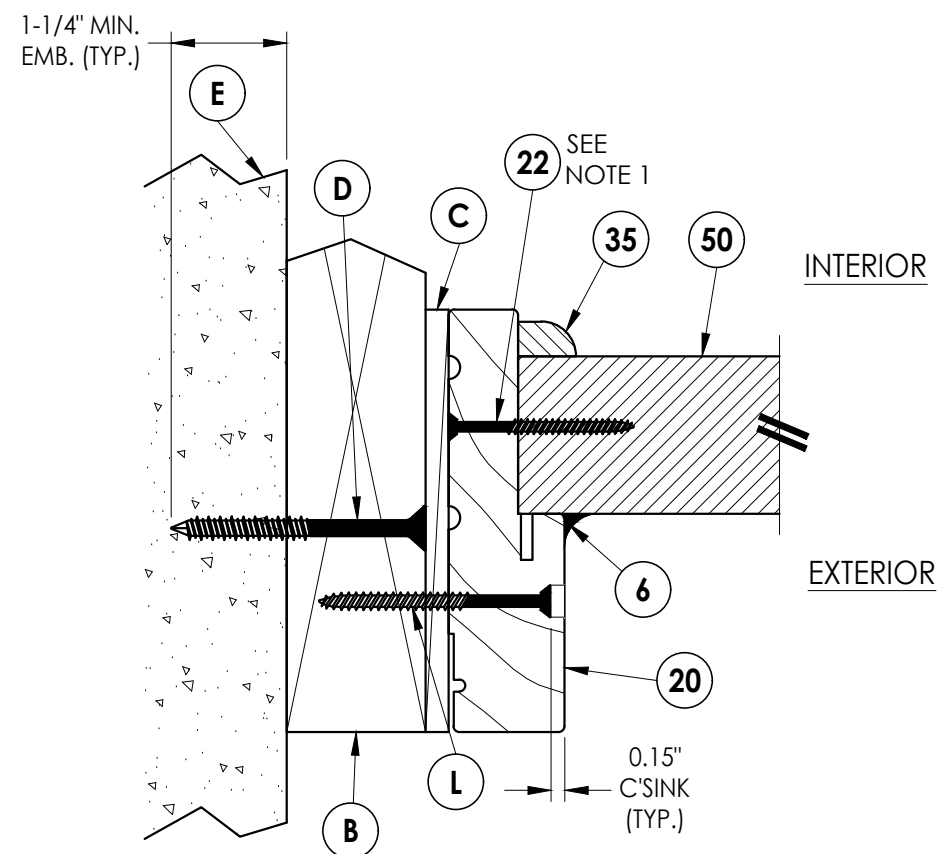
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FL-15215.8

SHEET 2 OF 9

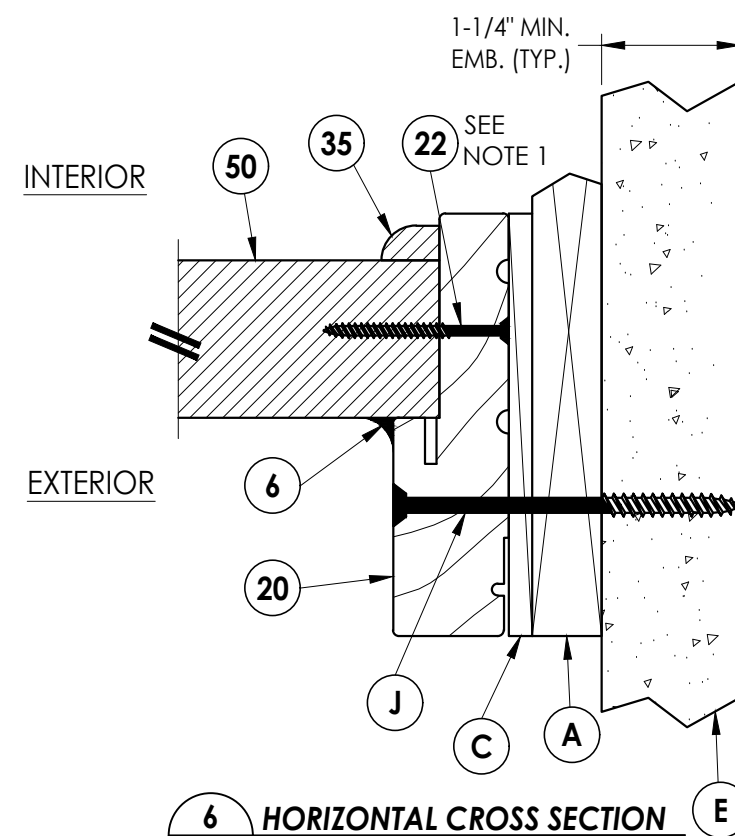
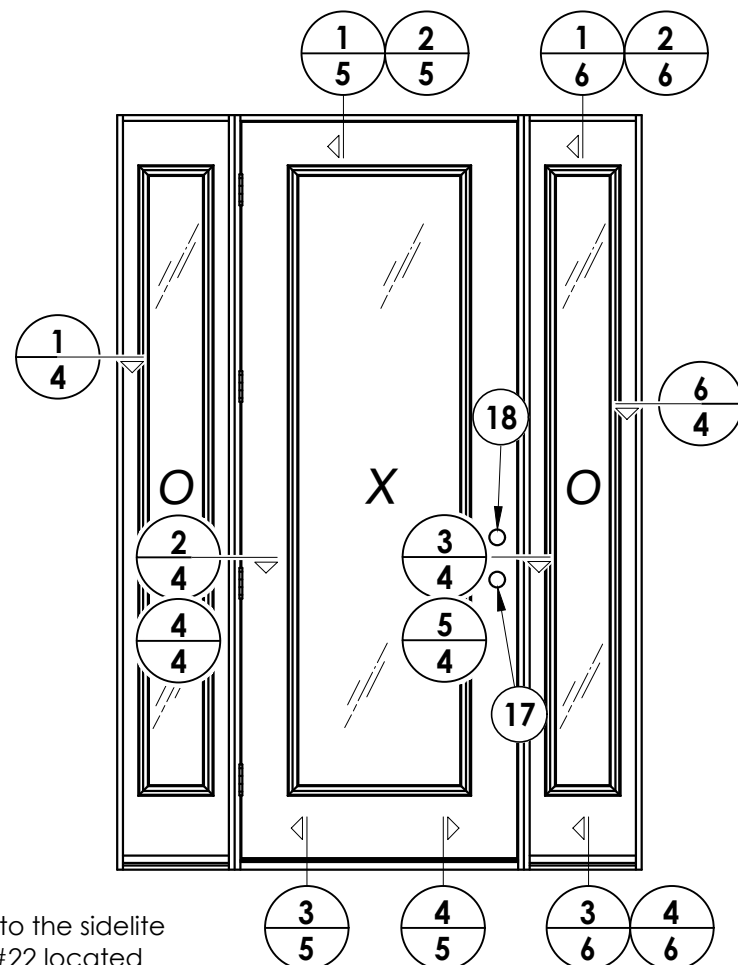
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PRODUCT:		PLASTPRO INC. FIBERGLASS DOOR		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	
PART OR ASSEMBLY:		SIDELITE PANEL DETAILS		R.W. BUILDING CONSULTANTS, INC. P.O. Box 230, Vairico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
NO.		DATE		REVISIONS	
4	8/15/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	8/05/20	UPDATE TO 7TH ED. (2020)	FBC	DAC	
2	7/25/17	UPDATE TO 6TH ED. (2017)	FBC	JK	
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK	
DATE		02/15/12			
SCALE:		N.T.S.			
DWG. BY:		JK			
CHK. BY:		LFS			
DRAWING NO.:		FL-15215.8			
SHEET		3		OF 9	



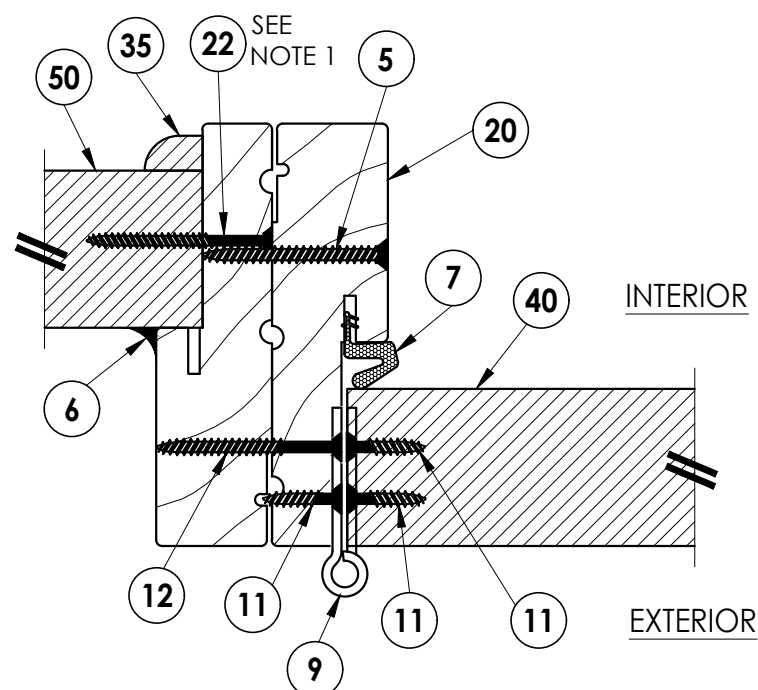
1 **HORIZONTAL CROSS SECTION**
4 Outswing shown - inswing
also approved



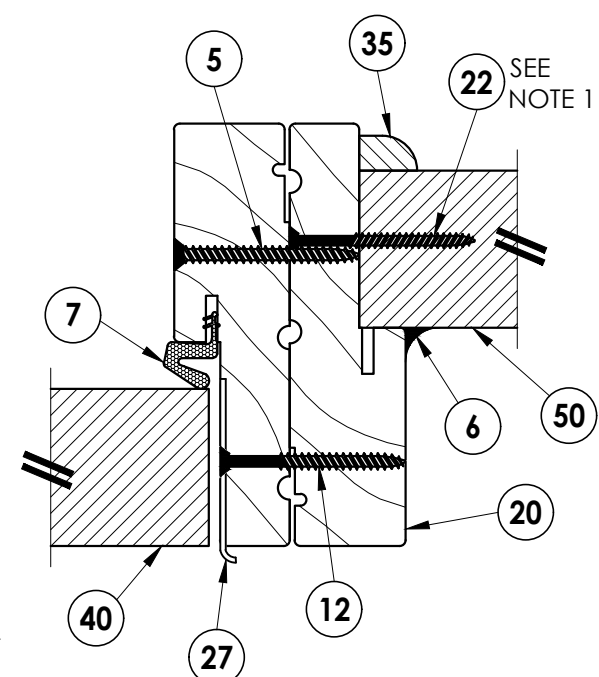
6 **HORIZONTAL CROSS SECTION**
4 Shown w/1X sub-buck

NOTE:

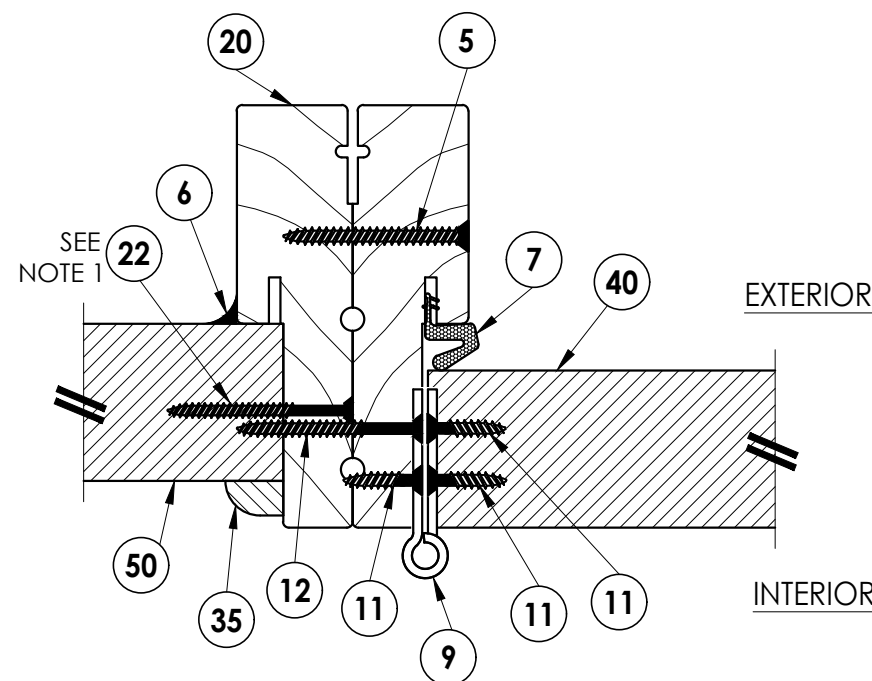
1. Sidelite panel secured to the sidelite frame with (6) of item #22 located 5", 22.05", 39.10", 56.15", 73.2", & 90.25" from top of each jamb and (2) of item #22 in the head and sill 3" from each end



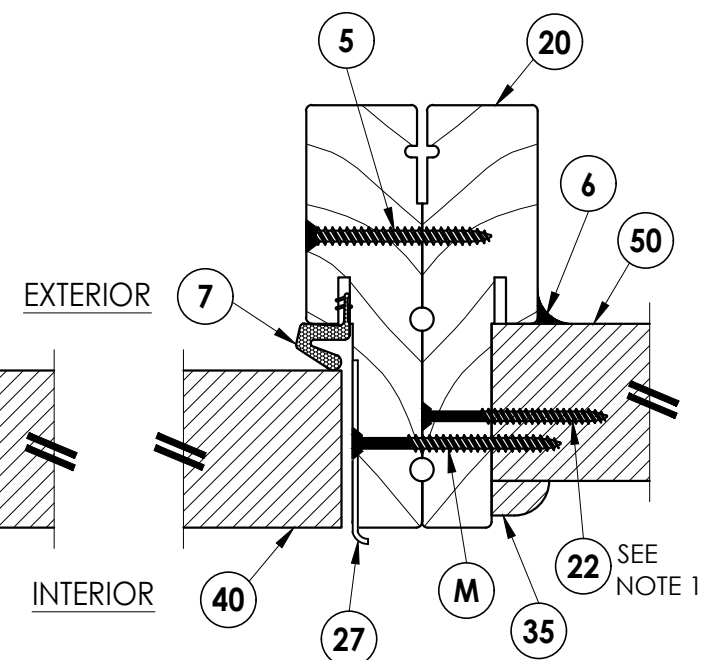
2 **HORIZONTAL CROSS SECTION**
4 Outswing configuration



3 HORIZONTAL CROSS SECTION



4 HORIZONTAL CROSS SECTION



5/4 HORIZONTAL CROSS SECTION

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

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33487
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

4	8/15/23	UPDATE TO 8TH ED.	(2023)	FBC LFS
3	8/05/20	UPDATE TO 7TH ED.	(2020)	FBC DAC
2	7/25/17	UPDATE TO 6TH ED.	(2017)	FBC JK
1	04/22/15	UPDATE TO 5TH ED.	(2014)	FBC JK
NO.	DATE			BY
REVISIONS				

DATE: 02/15/12

SCALE: *N.T.S.*

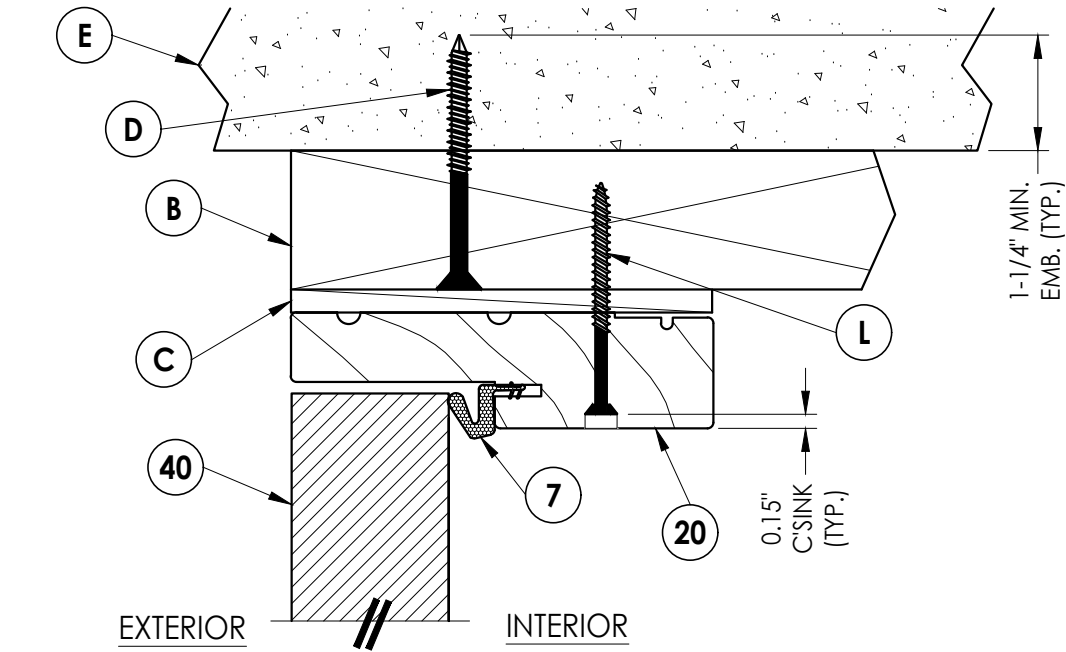
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CHK. BY: *LFS*

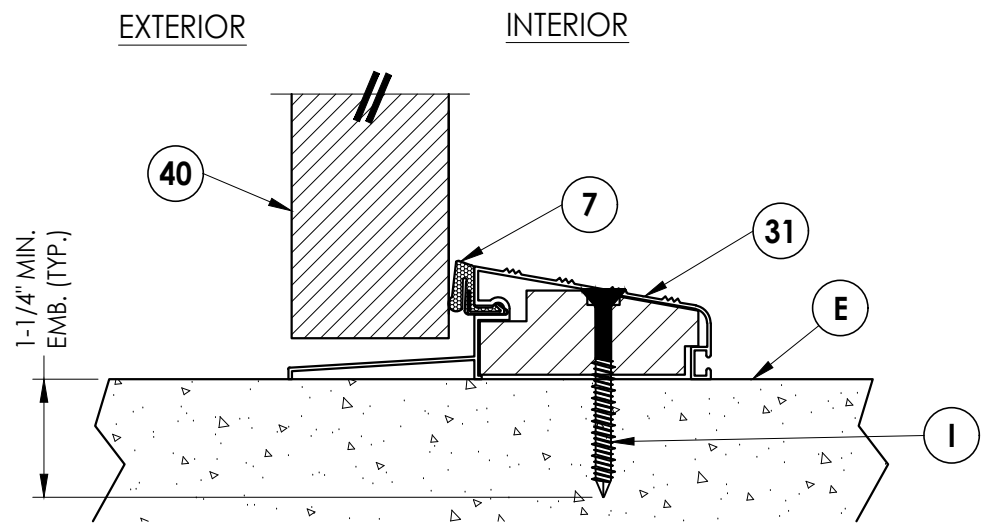
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FL-15215.8

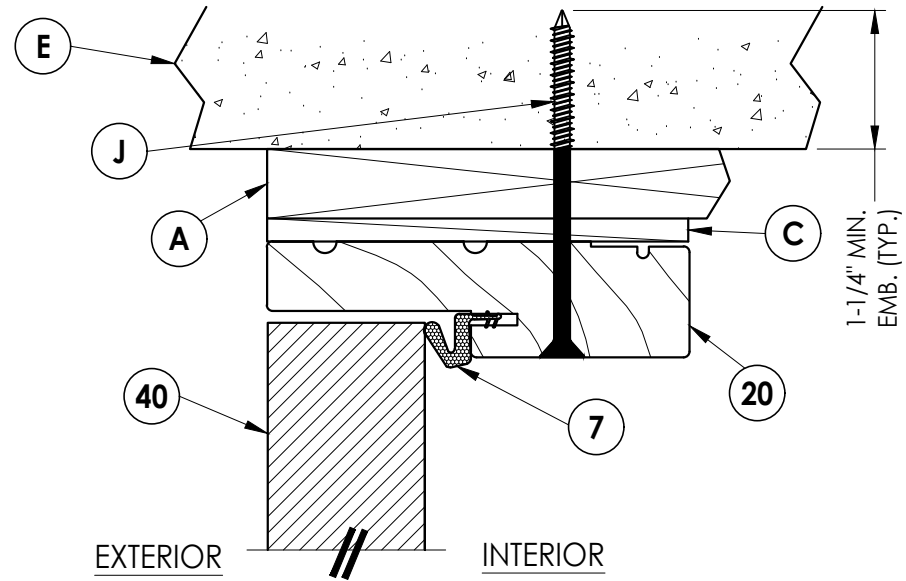
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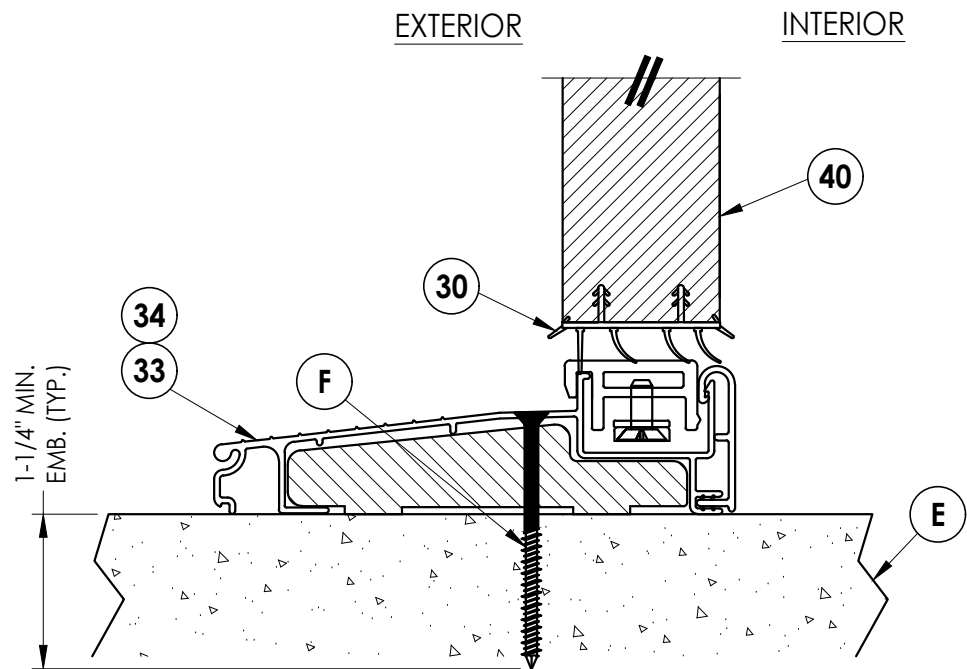
1
5 **VERTICAL CROSS SECTION**
Outswing shown - inswing
also approved



3
5 **VERTICAL CROSS SECTION**
Outswing configuration



2
5 **VERTICAL CROSS SECTION**
Shown w/1X sub-buck



4
5 **VERTICAL CROSS SECTION**
Inswing configuration

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	8/15/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	8/05/20	UPDATE TO 7TH ED. (2020) FBC DAC
2	7/25/17	UPDATE TO 6TH ED. (2017) FBC JK
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC JK

DATE: 02/15/12

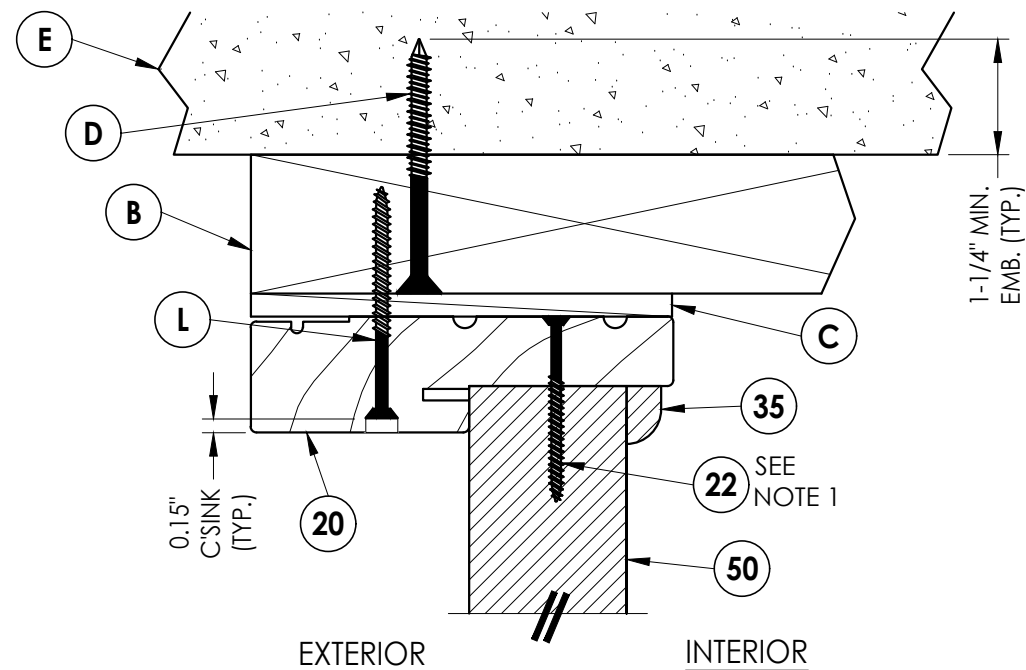
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CHK. BY: LFS

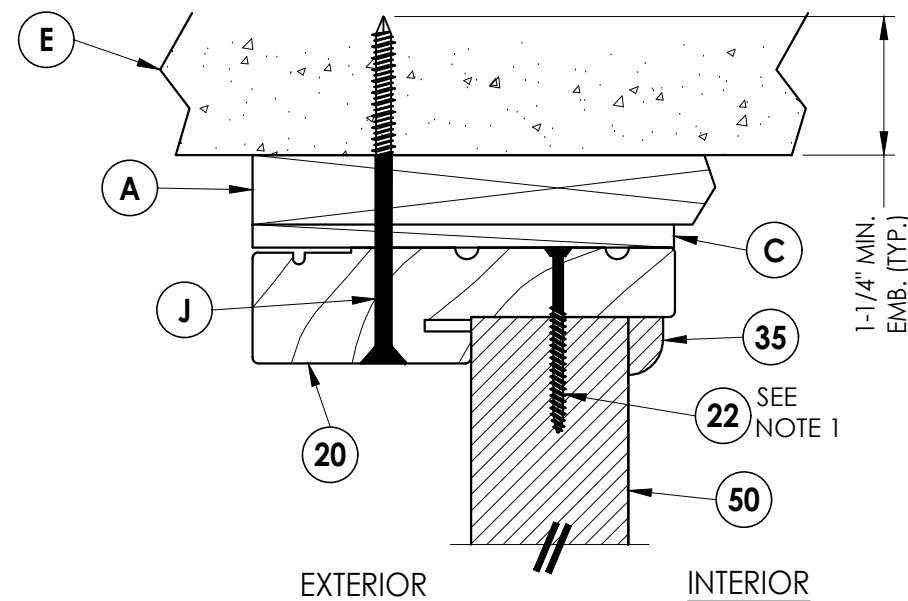
DRAWING NO.:
FL-15215.8

SHEET 5 OF 9



1 **VERTICAL CROSS SECTION**
6 Outswing shown - inswing
also approved

Outswing shown - inswing
also approved

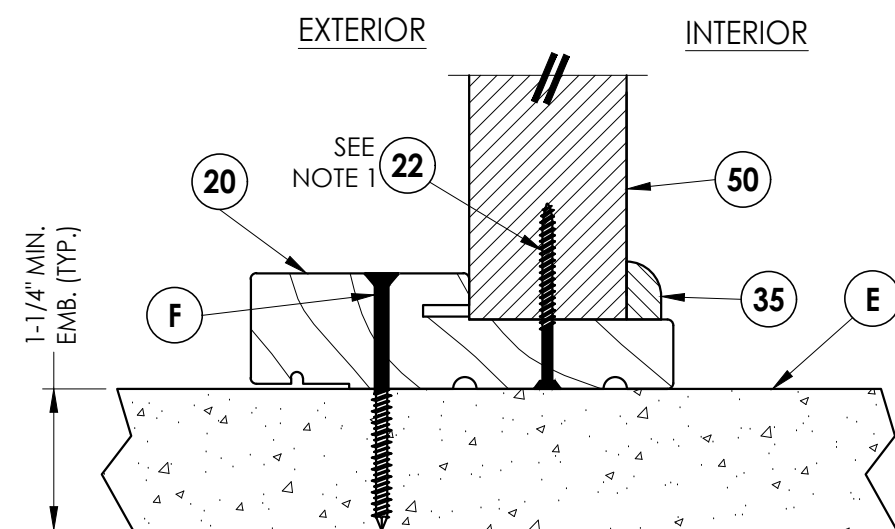


2 **VERTICAL CROSS SECTION**
6 Shown w/1X sub-buck

Shown w/1X sub-buck

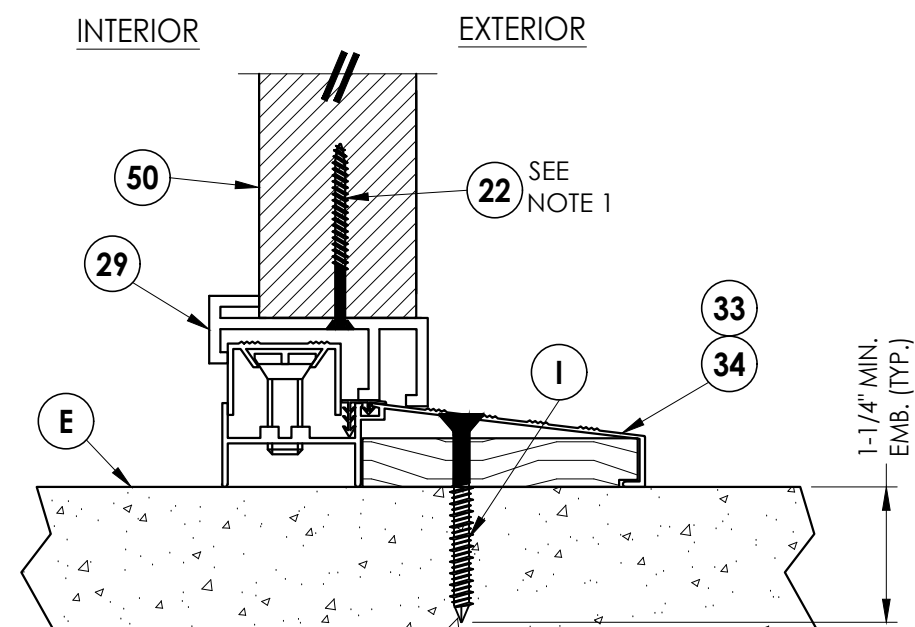
NOTE:

1. Sidelite panel secured to the sidelite frame with (6) of item #22 located 5", 22.05", 39.10", 56.15", 73.2", & 90.25" from top of each jamb and (2) of item #22 in the head and sill 3" from each end



3 VERTICAL CROSS SECTION
6 Outswing configuration

Outswing configuration



4 VERTICAL CROSS SECTION
6 Inswing configuration

Inswing configuration

4	8/15/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	8/05/20	UPDATE TO 7TH ED. (2020)	FBC	DAC	
2	7/25/17	UPDATE TO 6TH ED. (2017)	FBC	JK	
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK	
NO.	DATE	REVISIONS			

DATE: 02/15/12

SCALE: *N.T.S.*

DWG. BY: JK

CHK. BY: *LFS*

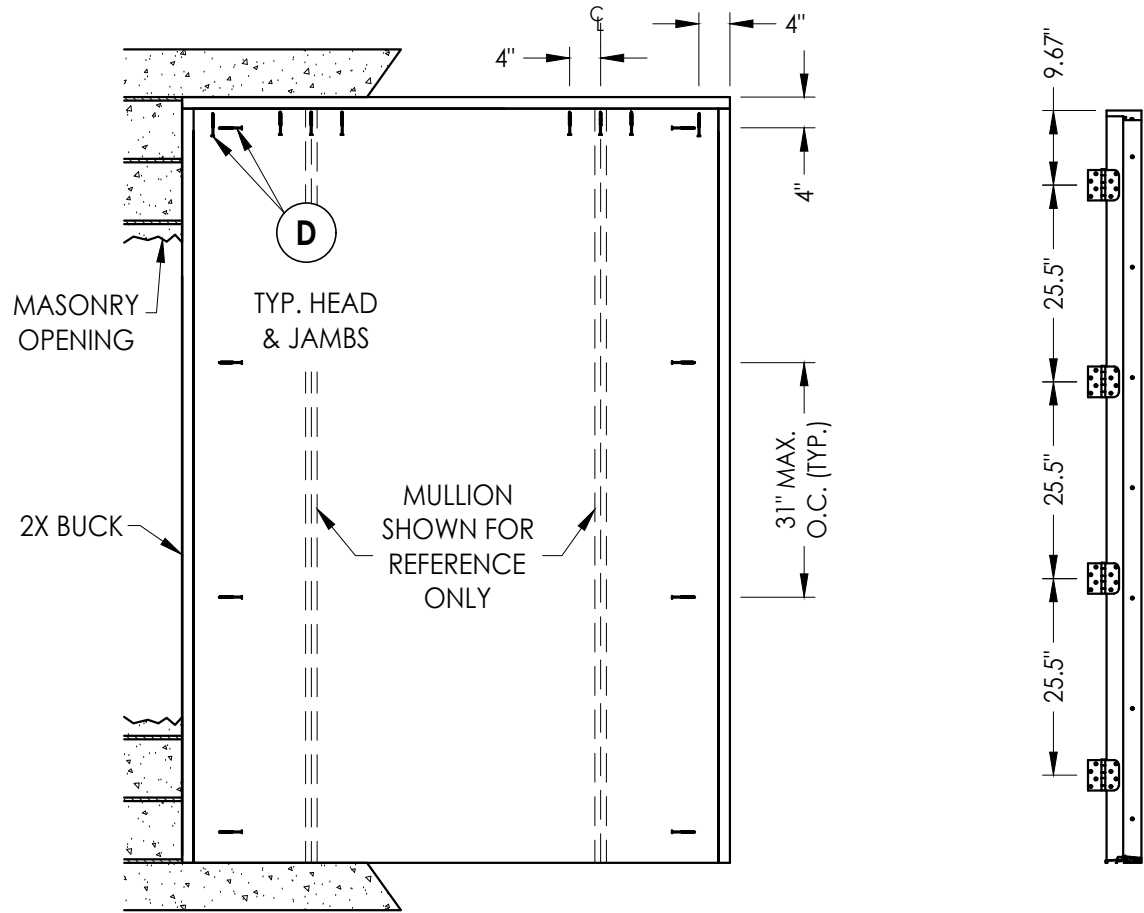
DRAWING NO.:

FL-15215.8

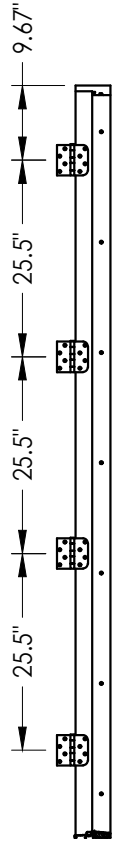
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

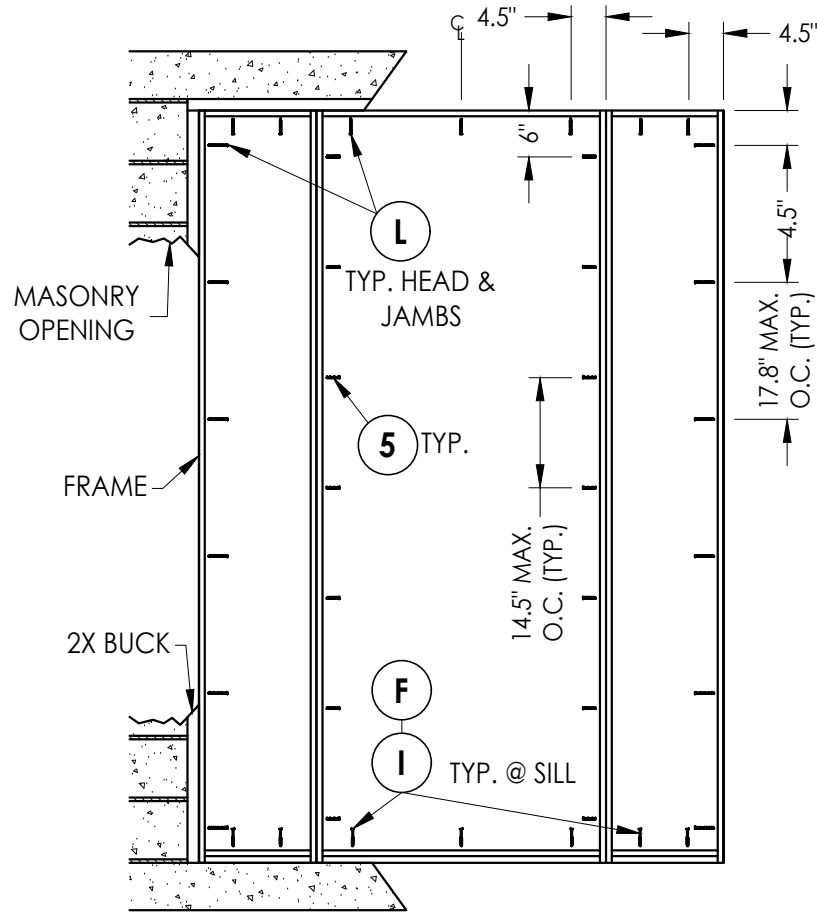
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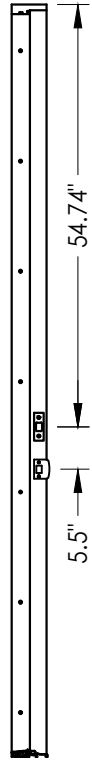
BUCK ANCHORING



HINGE JAMB



FRAME ANCHORING
Masonry 2X buck construction



STRIKE JAMB

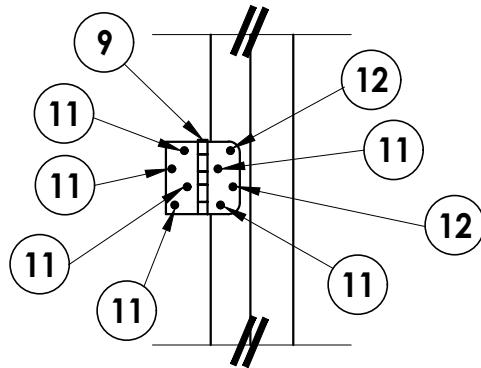
CONCRETE ANCHOR NOTES:

- 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:

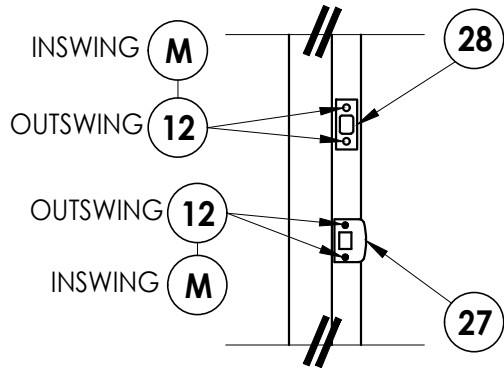
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

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.

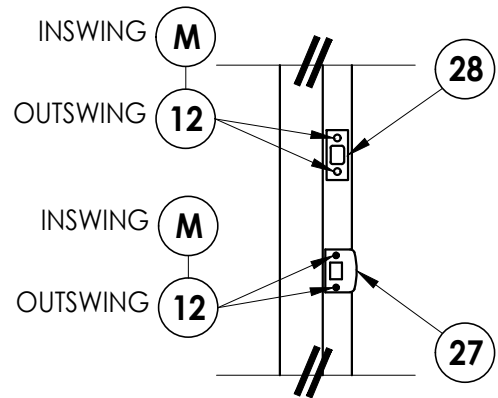


HINGE DETAIL

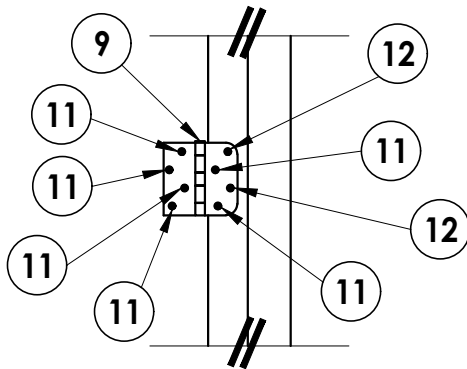


LATCH & DEADBOLT DETAIL

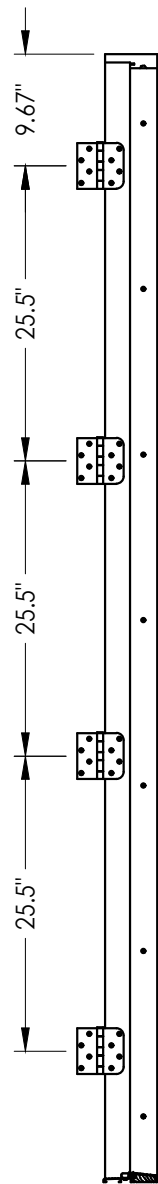
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: PLASTPRO INC. FIBERGLASS DOOR		PART OR ASSEMBLY: BUCK & FRAME ANCHORING 2X BUCK MASONRY CONSTRUCTION	
DATE: 02/15/12		SCALE: N.T.S.	
DWG. BY: JK		CHK. BY: LFS	
DRAWING NO.: FL-15215.8		SHEET 7 OF 9	
REVISIONS			
4	8/15/23	UPDATE TO 8TH ED. (2023)	FBC
3	8/05/20	UPDATE TO 7TH ED. (2020)	FBC
2	7/25/17	UPDATE TO 6TH ED. (2017)	FBC
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC
NO.	DATE		



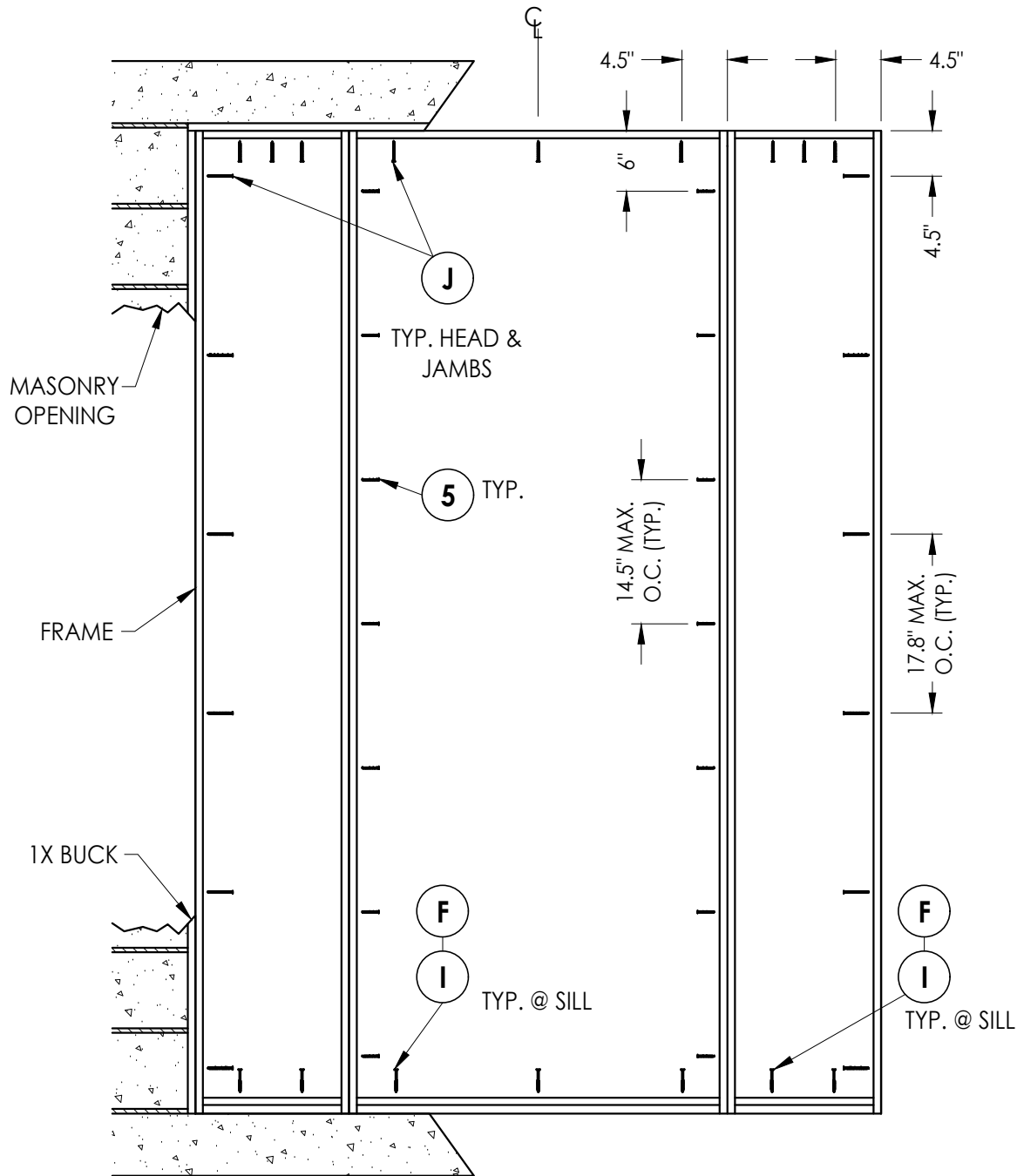
LATCH & DEADBOLT DETAIL



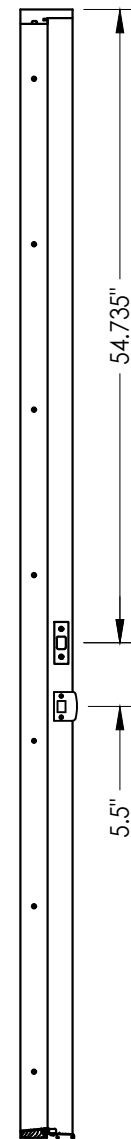
HINGE DETAIL



HINGE JAMB



FRAME ANCHORING
Masonry 1X buck construction



STRIKE 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"
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

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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:
FRAME ANCHORING 1X BUCK
MASONRY CONSTRUCTION

NO.	DATE	REVISIONS
4	8/15/23	UPDATE TO 8TH ED. (2023) FBC
3	8/05/20	UPDATE TO 7TH ED. (2020) FBC
2	7/25/17	UPDATE TO 6TH ED. (2017) FBC
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC

DATE: 02/15/12

SCALE: N.T.S.

DWG. BY: JK

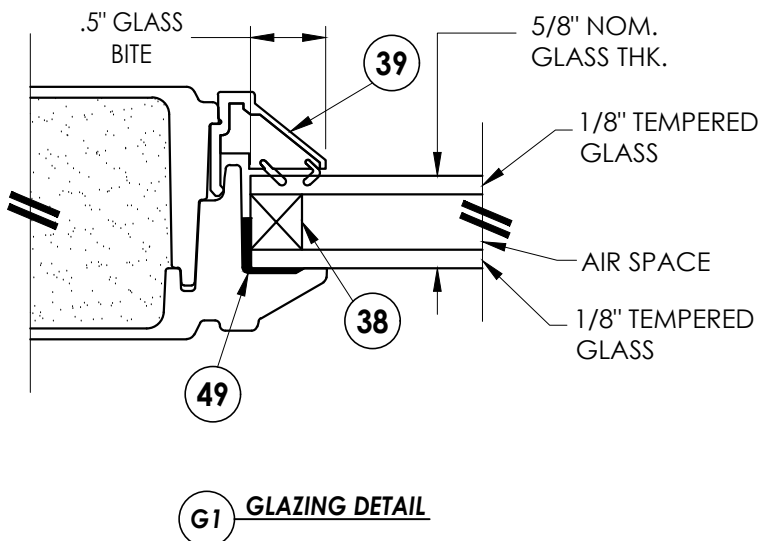
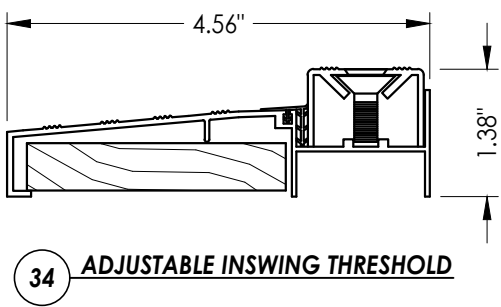
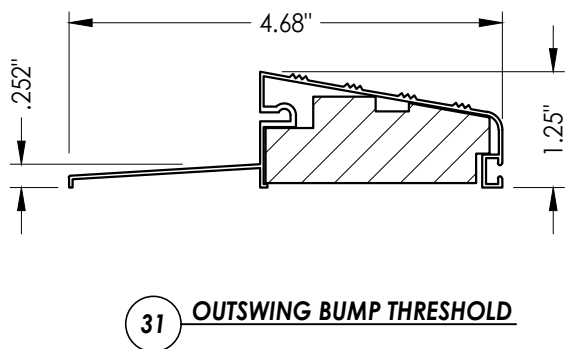
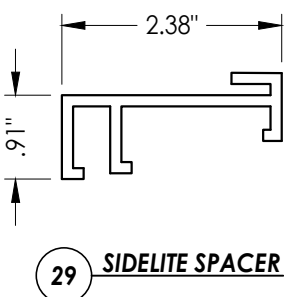
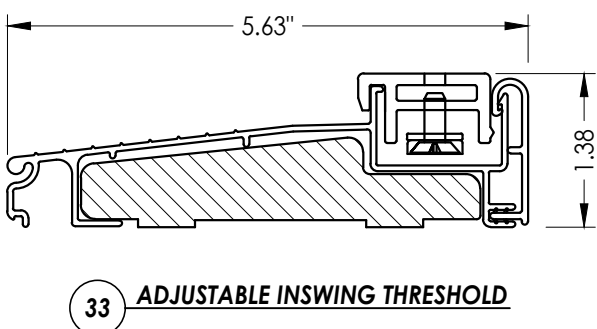
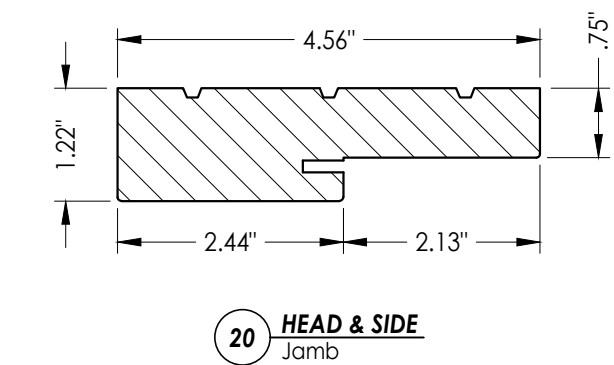
CHK. BY: LFS

DRAWING NO.:
FL-15215.8

SHEET 8 OF 9

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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
F	1/4" X 2-3/4" PFH ITW CONCRETE SCREW	STEEL
I	1/4" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
M	#9 X 2-1/4" PFH WOOD SCREW	STEEL
5	#10 X 2" PFH SCREW	STEEL
6	SEALANT	SILICONE
7	Q-LON 650 WEATHERSTRIP SCHLEGEL	FOAM
9	4" X 4" BUTT HINGE	STEEL
10	NOT USED	-
11	#9 X 3/4" PFH WOOD SCREW	STEEL
12	#9 X 2" PFH WOOD SCREW	STEEL
17	KWIKSET KEYED ENTRY - SIGNATURE SERIES	STEEL
18	KWIKSET DEADBOLT - SIGNATURE SERIES (780)	STEEL
20	FINGER JOINTED PINE FRAME, HEAD & HINGE JAMBS	WOOD
22	#8 X 2" PFH WOOD SCREW	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
29	SIDELITE SPACER	PVC
30	WEATHER-STOP 3647 HOLM INDUSTRIES	VINYL
31	OUTSWING BUMP THRESHOLD	ALUM. / WOOD
33	INSWING ADJUSTABLE THRESHOLD BY ENDURA	ALUM. / WOOD
34	INSWING ADJUSTABLE ALUMINUM THRESHOLD BY DLP	ALUM. / WOOD
35	SHOE MOULD 5/8" X 3/8"	WOOD
38	GLAZING SPACER	ALUM.
39	GLAZING BEAD	PVC
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
41	DOOR SKIN (MIN. 0.095" THICK)	FIBERGLASS
42	TOP RAIL	CELLULAR PVC
43	LATCH & HINGE STILE	CELLULAR PVC
44	LATCH & HINGE STILE SUPPORT	WOOD
45	BOTTOM RAIL	CELLULAR PVC
46	POLYURETHANE FOAM	POLYURETHANE
47	STILE REINFORCEMENT	STEEL
48	REINFORCEMENT RETAINING SCREW	NYLON
49	GLAZING COMPOUND DOW 995	SILICONE
50	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
51	SIDELITE STILE	CELLULAR PVC
52	SIDELITE STILE SUPPORT	WOOD
53	SIDELITE BOTTOM RAIL	CELLULAR PVC



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, GLAZING DETAIL & COMPONENTS	
	LFS	JK	BY
	UPDATE TO 8TH ED. (2023)	FBC	
	UPDATE TO 7TH ED. (2020)	FBC	
	UPDATE TO 6TH ED. (2017)	FBC	
	UPDATE TO 5TH ED. (2014)	FBC	
	NO.	DATE	REVISIONS
4	8/15/23		
3	8/05/20		
2	7/25/17		
1	04/22/15		
DATE: 02/15/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15215.8			
SHEET 9 OF 9			