



5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

ONELITE SERIES

FLUSH GLAZED FIBERGLASS DOOR w/ SIDELITE

INSWING / OUTSWING

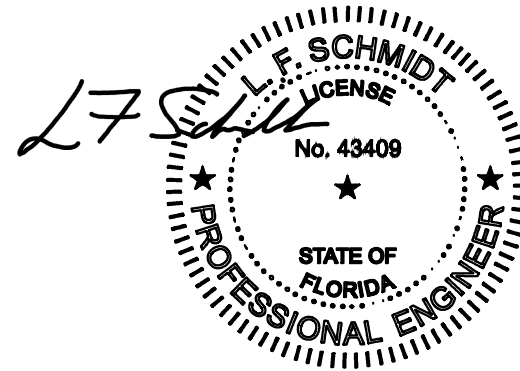
"IMPACT"

GENERAL NOTES

- 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).
- 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 areas 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 E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
- For 2x stud framing 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.

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1	Typical elevation, design pressures, & general notes
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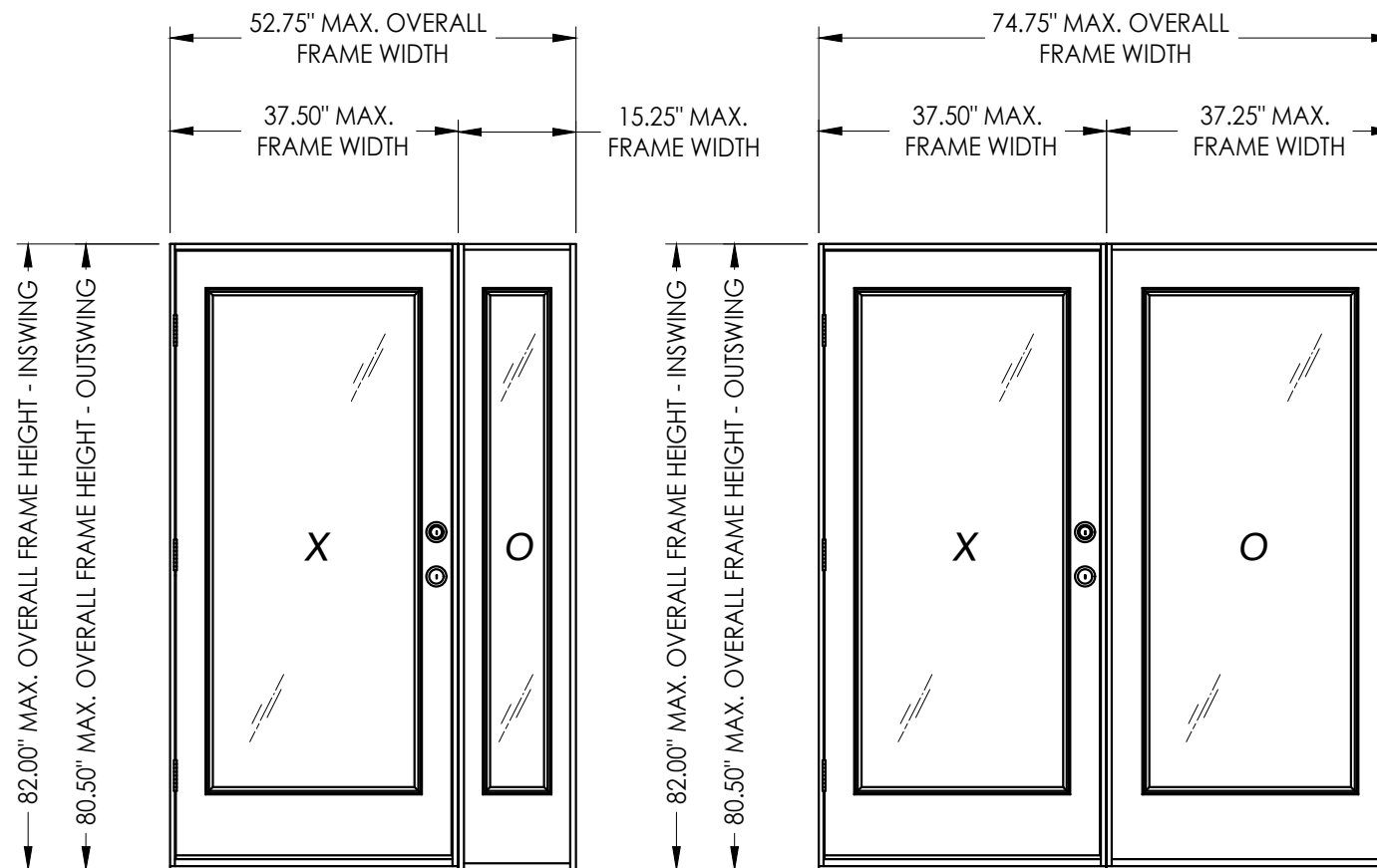


Digitally signed by
Lyndon F Schmidt
Date: 2023.08.16
09:08:18 -04'00'

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



SWING	OVERALL FRAME DIMENSION	DOOR D.L.O. DIMENSION	SIDELITE D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
					POSITIVE	NEGATIVE
INSWING	52.75" x 82.00"	26.25" x 65.93"	7.00" x 65.93"	G1	+50.0	-50.0
OUTSWING	52.75" x 80.50"	26.25" x 65.93"	7.00" x 65.93"		+50.0	-50.0
INSWING	74.75" x 82.00"	26.25" x 65.93"	26.25" x 65.93"		+50.0	-50.0
OUTSWING	74.75" x 80.50"	26.25" x 65.93"	26.25" x 65.93"		+50.0	-50.0

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

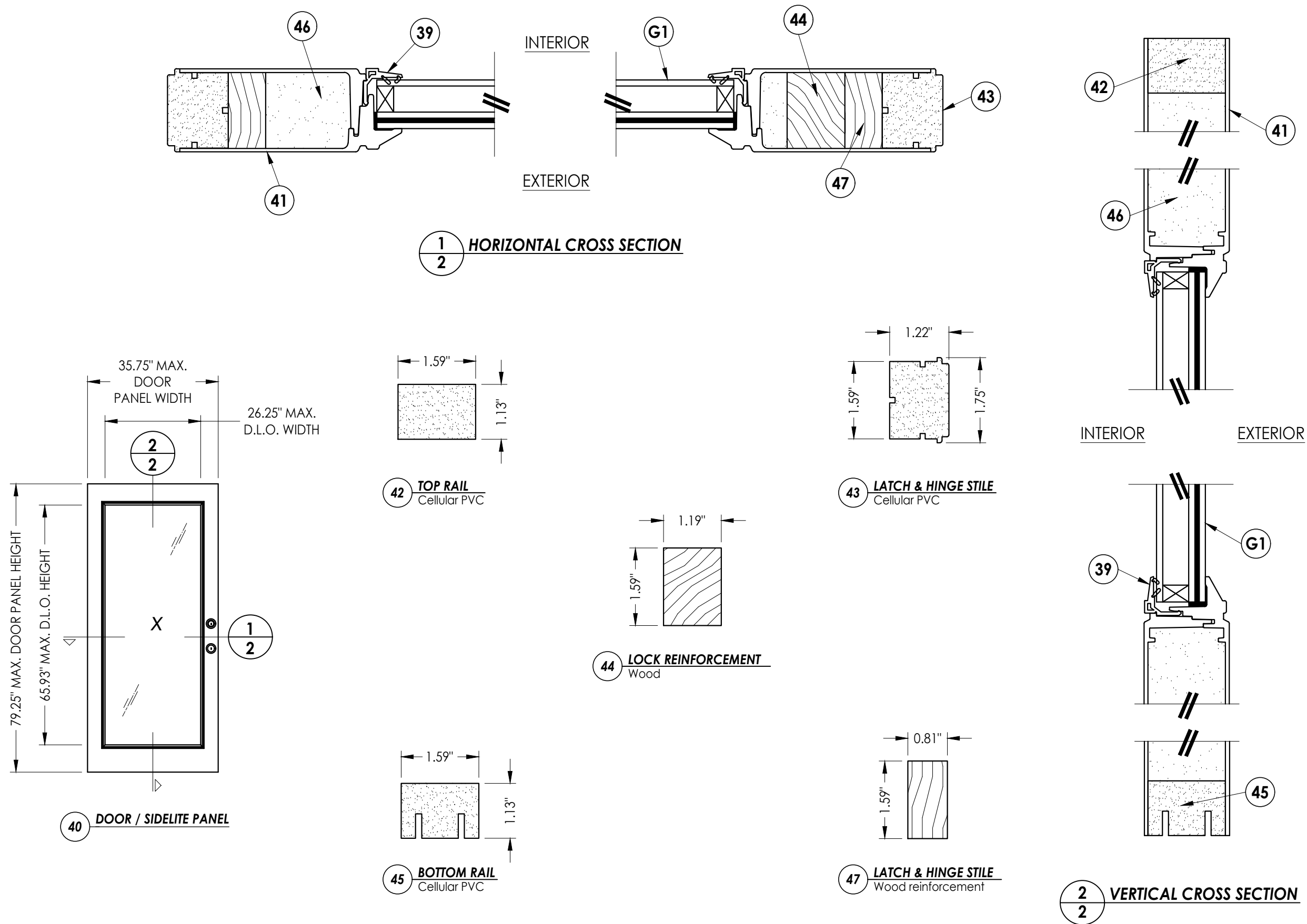
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Vairico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

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

NO.	DATE	REVISED GLAZING DETAIL	FBC	BY	REVISIONS
5	8/15/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
4	8/05/20	UPDATE TO 7TH ED. (2020)	FBC	DAC	
3	7/25/17	UPDATE TO 6TH ED. (2017)	FBC	JK	
2	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK	
1	2/27/13	REVISED GLAZING DETAIL		RW	

DATE: 02/15/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-15215.12
SHEET 1 OF 11



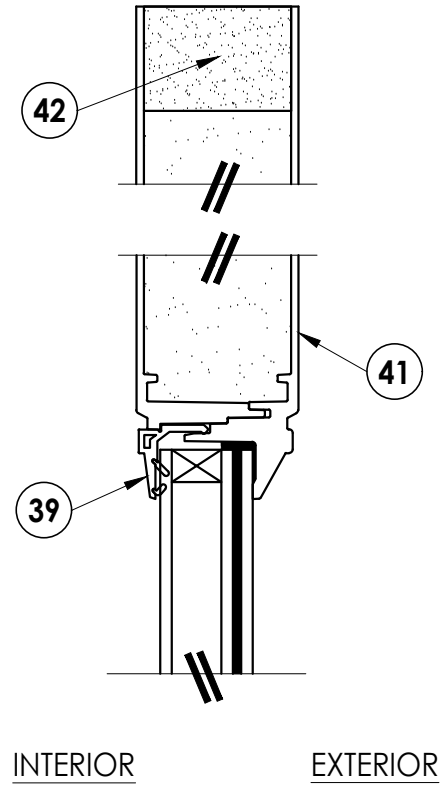
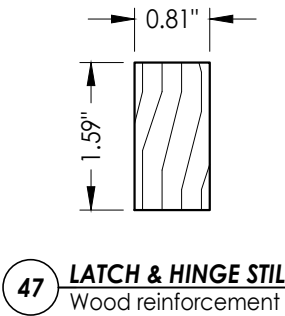
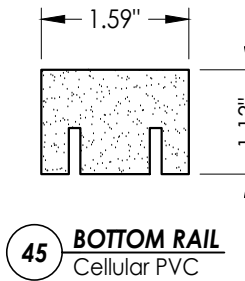
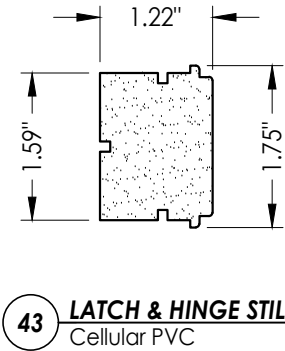
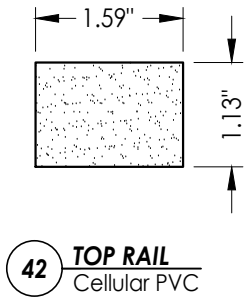
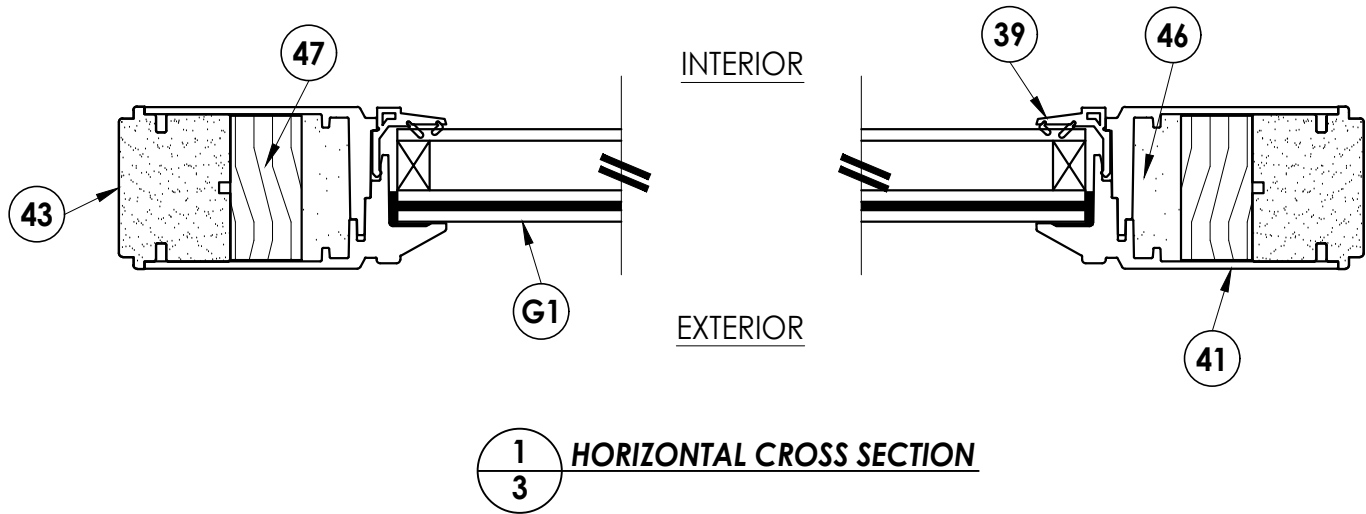
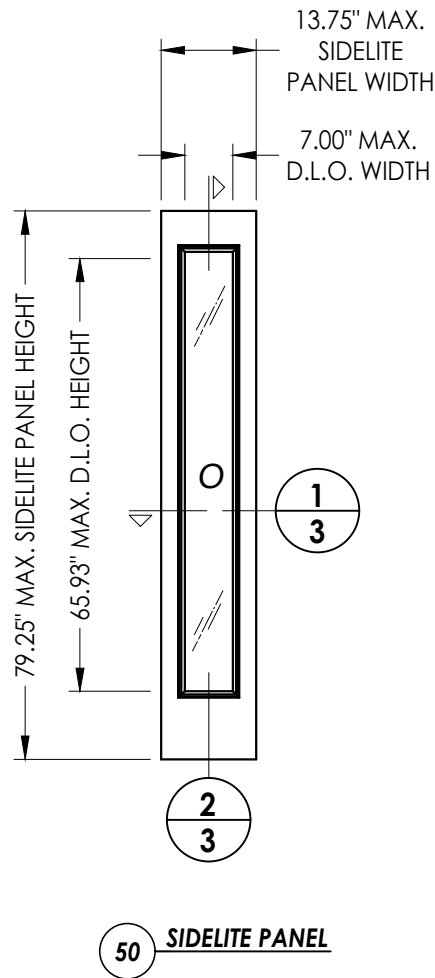
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3	7/25/17	UPDATE TO 6TH ED. (2017)	FBC	JK
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1	2/27/13	REVISED GLAZING DETAIL		RW
NO.	DATE			BY
			REVISIONS	

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SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15215.12
SHEET	2 OF 11

Documents Prepared By:
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NO.	DATE	REVISIONS			
		DATE	BY	REVISIONS	
5	8/15/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
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1	2/27/13	REVISED GLAZING DETAIL		RW	
				BY	

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SCALE: N.T.S.

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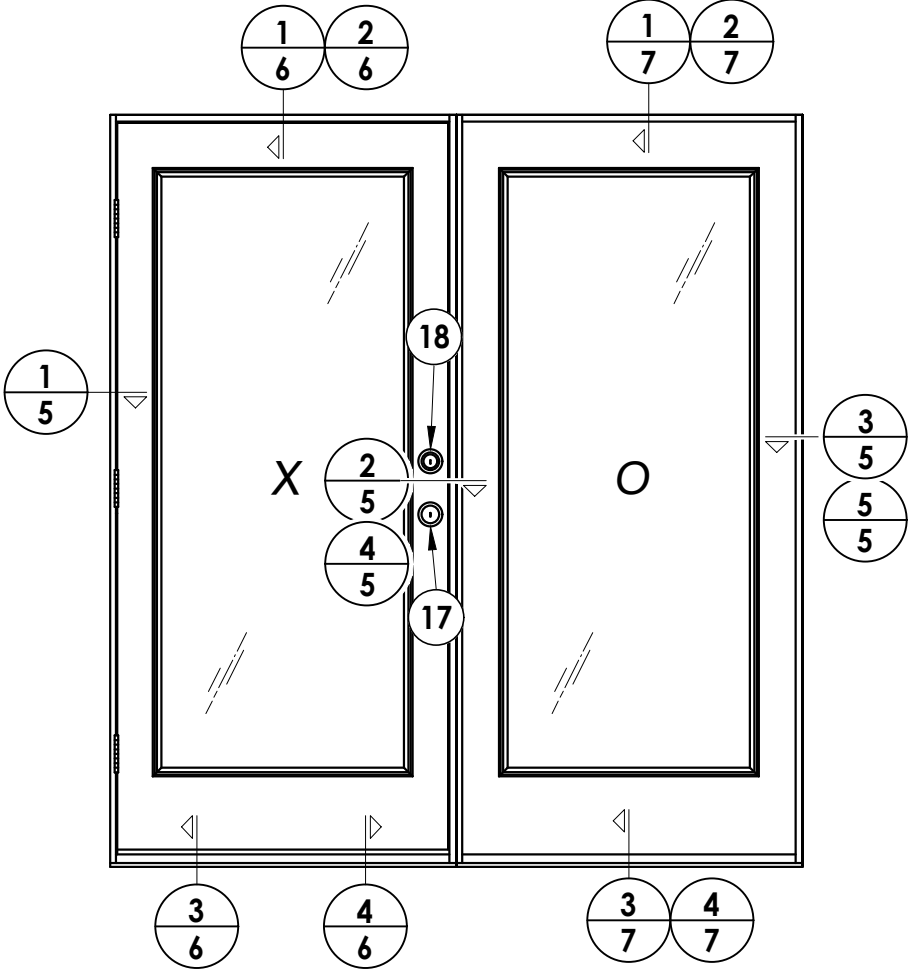
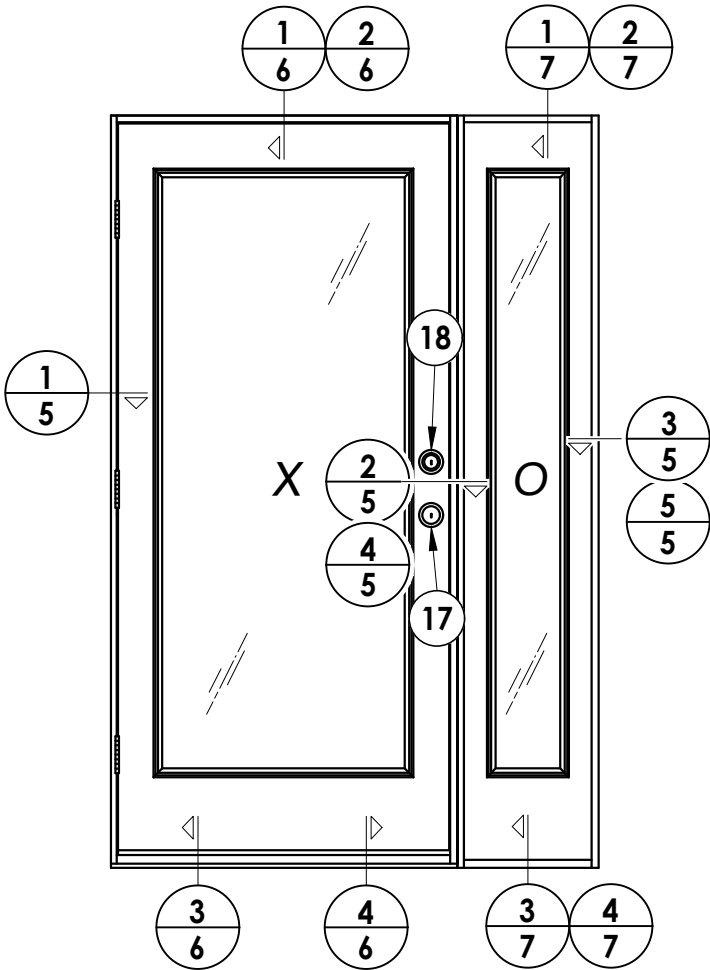
DRAWING NO.: FL-15215.12

SHEET 3 OF 11

PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR
	PART OR ASSEMBLY: SIDELITE PANEL DETAILS

Documents Prepared By:
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DATE: 02/15/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15215.12

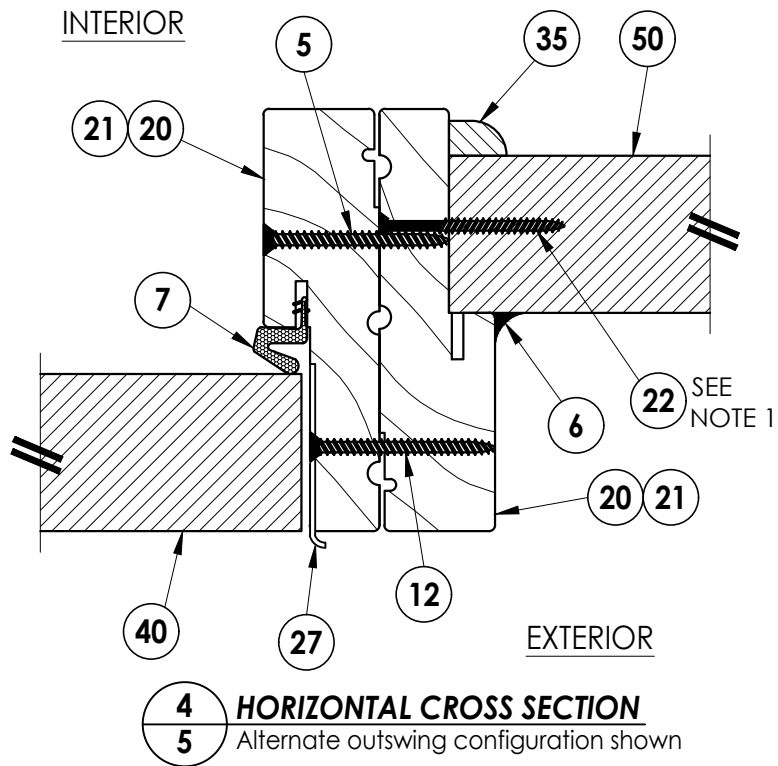
SHEET 4 OF 11

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

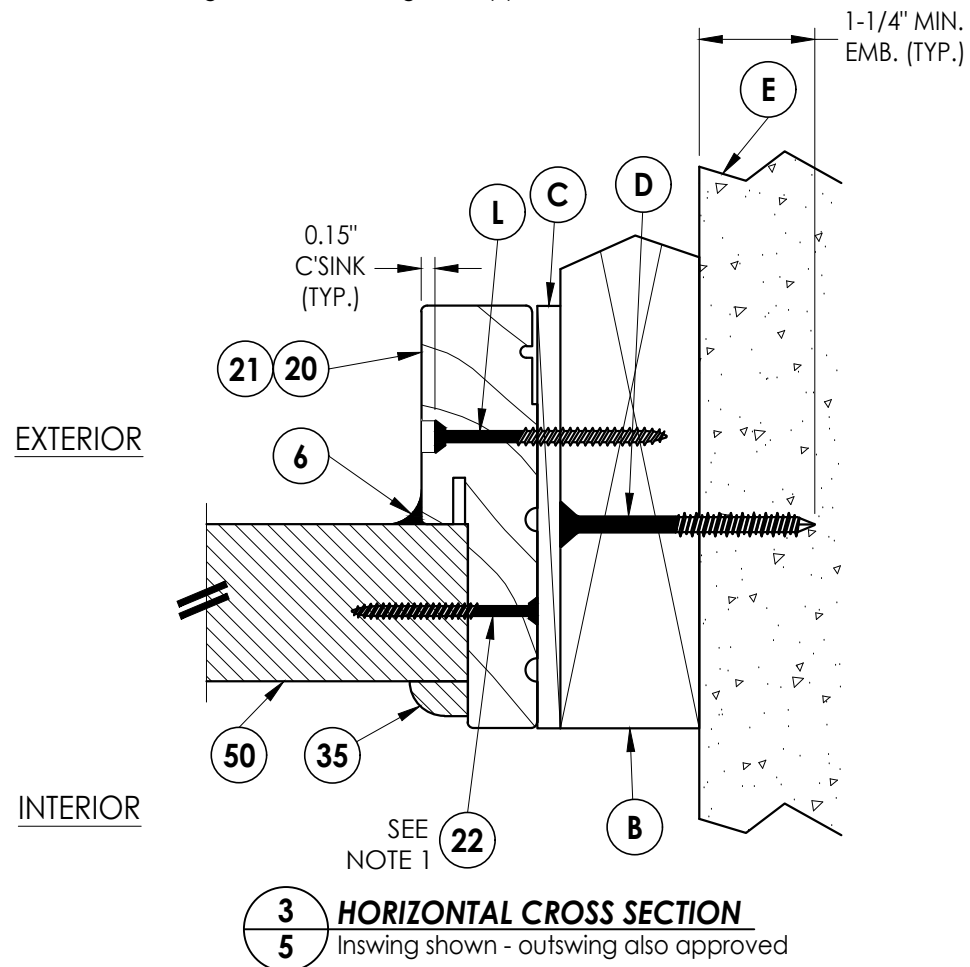
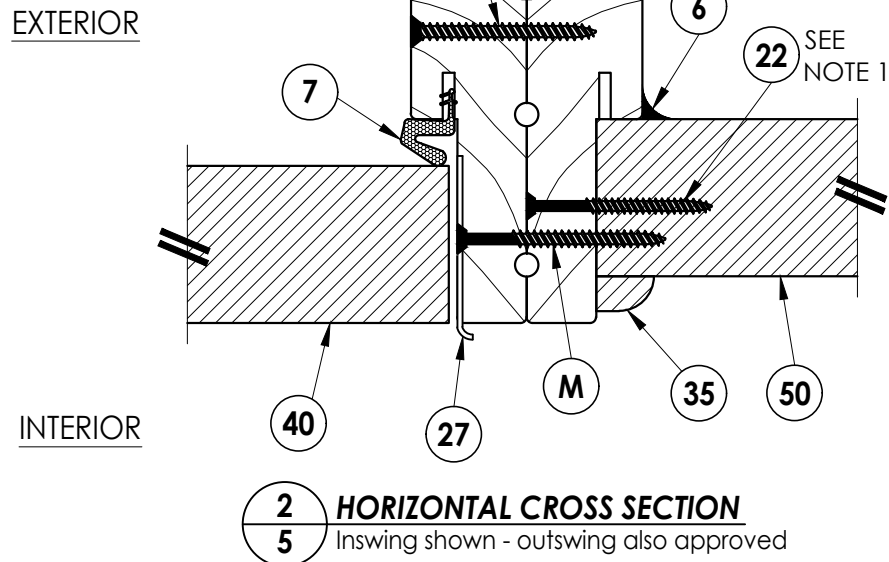
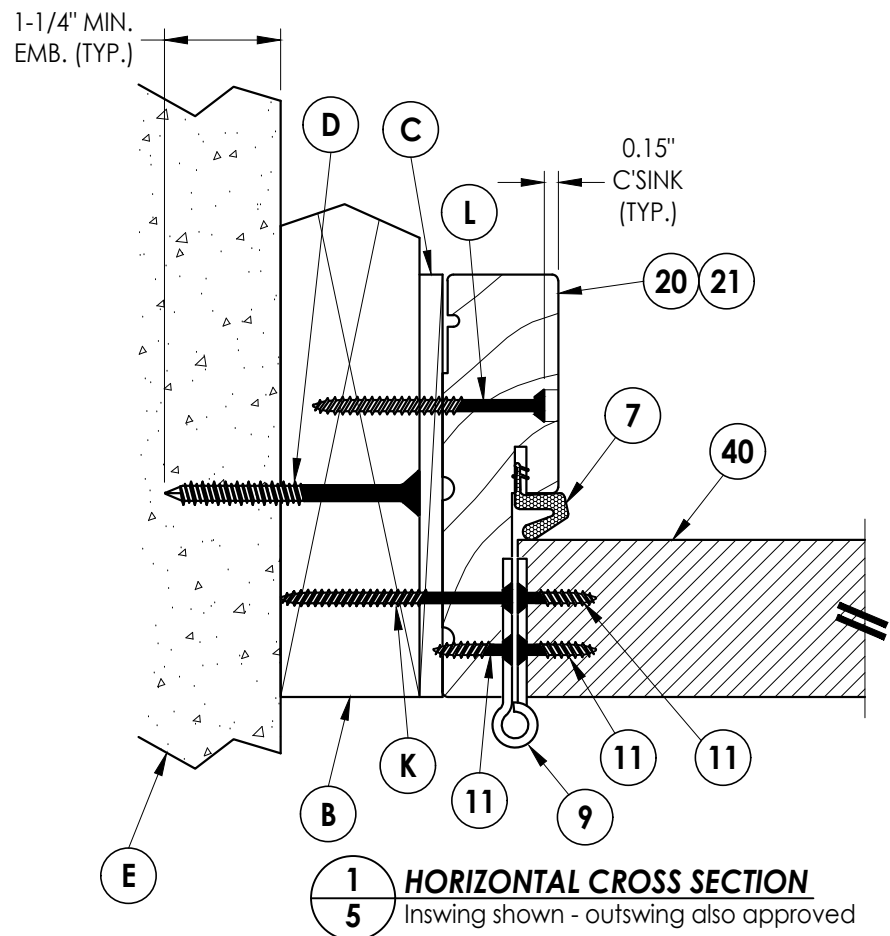
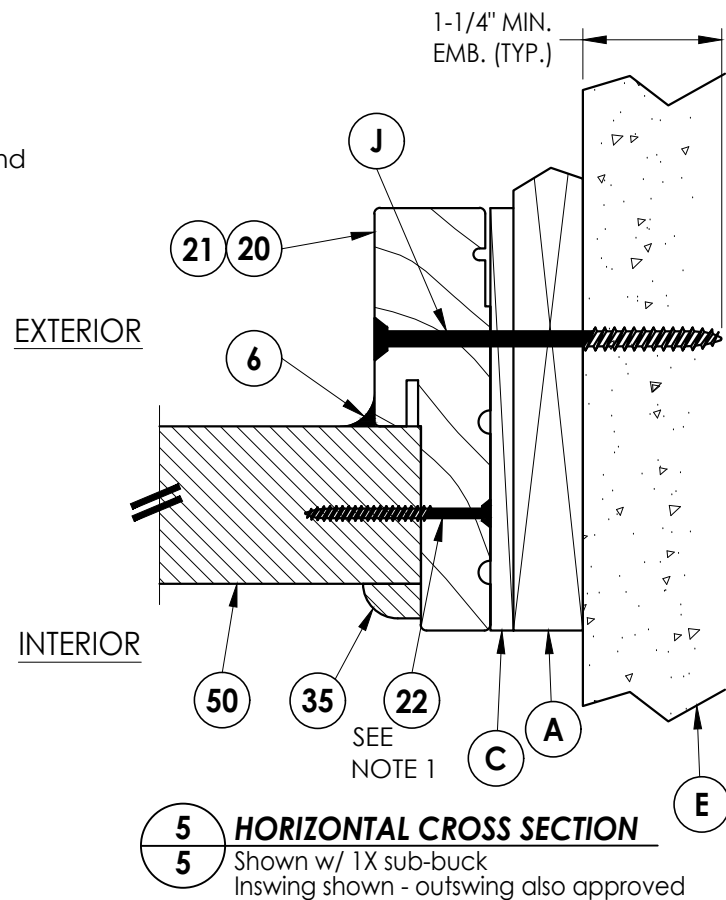
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

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NOTE:
1. Sidelite panel secured to the sidelite frame as follows:
14" nom. panel: (4) of item #22 located 10" from each end and 2 more equally spaced.
36" nom. panel: (6) of item #22 located 6" from each end and 4 more equally spaced.



Documents Prepared By:
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P.E. No. 43409

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FBPE Registry No. 9813

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

	LFS	DAC	JK	JK	RW	BY
5	8/15/23	UPDATE TO 8TH ED. (2023)	FBC			
4	8/05/20	UPDATE TO 7TH ED. (2020)	FBC			
3	7/25/17	UPDATE TO 6TH ED. (2017)	FBC			
2	04/22/15	UPDATE TO 5TH ED. (2014)	FBC			
1	2/27/13	REVISED GLAZING DETAIL				
NO.	DATE	REVISIONS				

DATE: 02/15/12

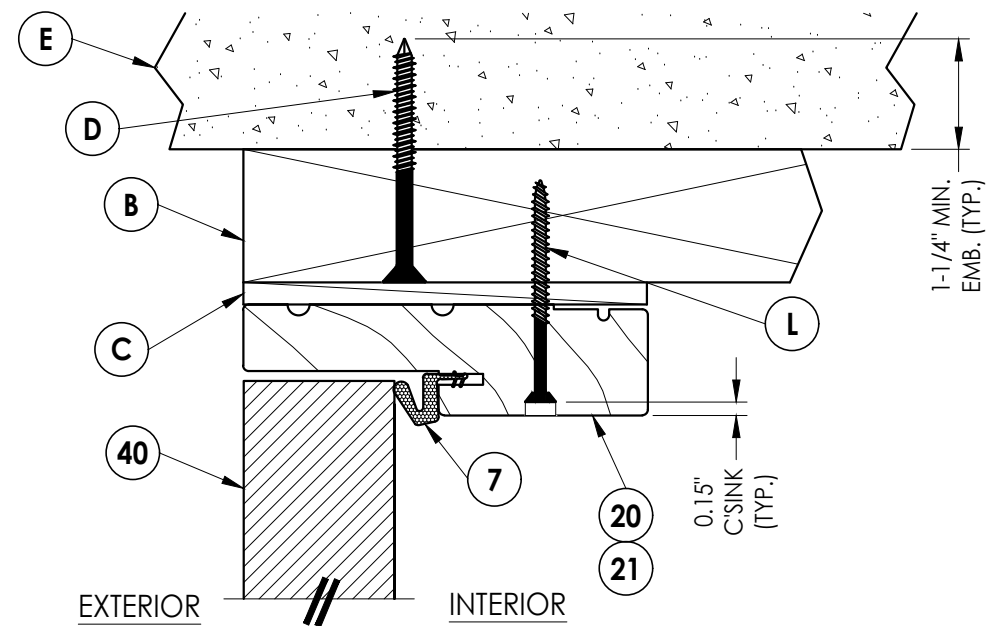
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DWG. BY: JK

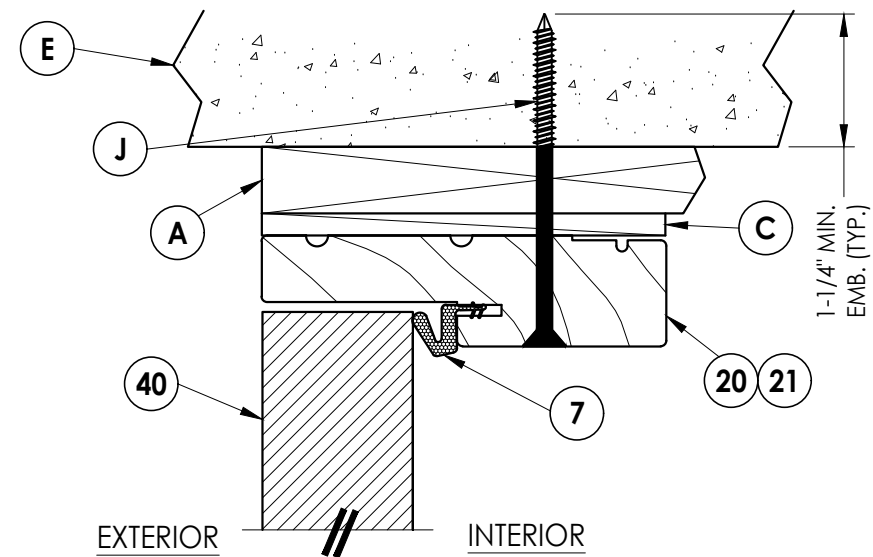
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DRAWING NO.: FL-15215.12

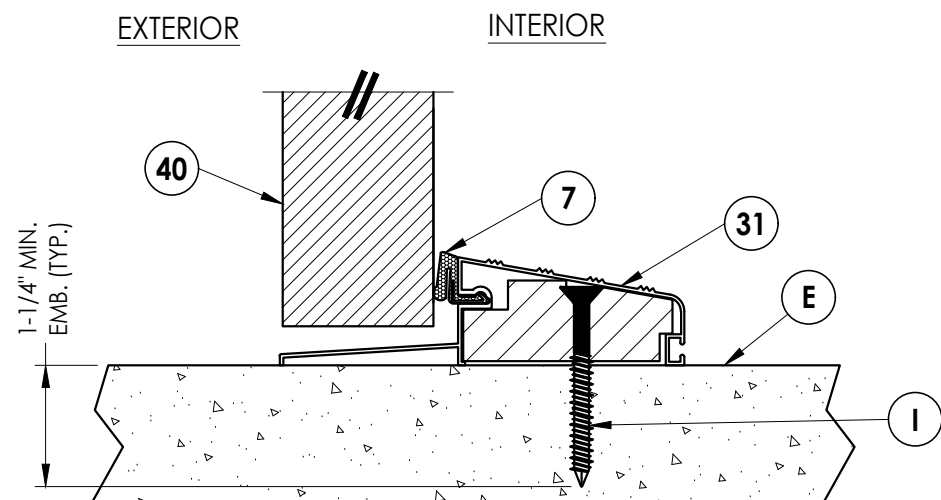
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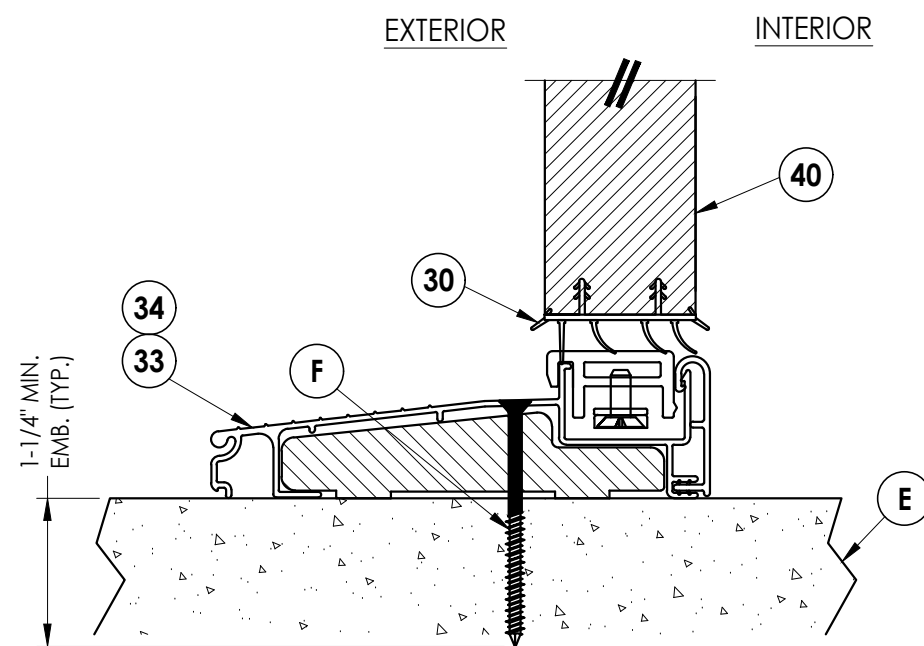
1 **VERTICAL CROSS SECTION**
6 Outswing shown - inswing
also approved



2 **VERTICAL CROSS SECTION**
6 Shown w/ 1X sub-buck
 Outswing shown - inswing also approved



3 **VERTICAL CROSS SECTION**
6 Outswing configuration



4 **VERTICAL CROSS SECTION**
6 Inswing configuration

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

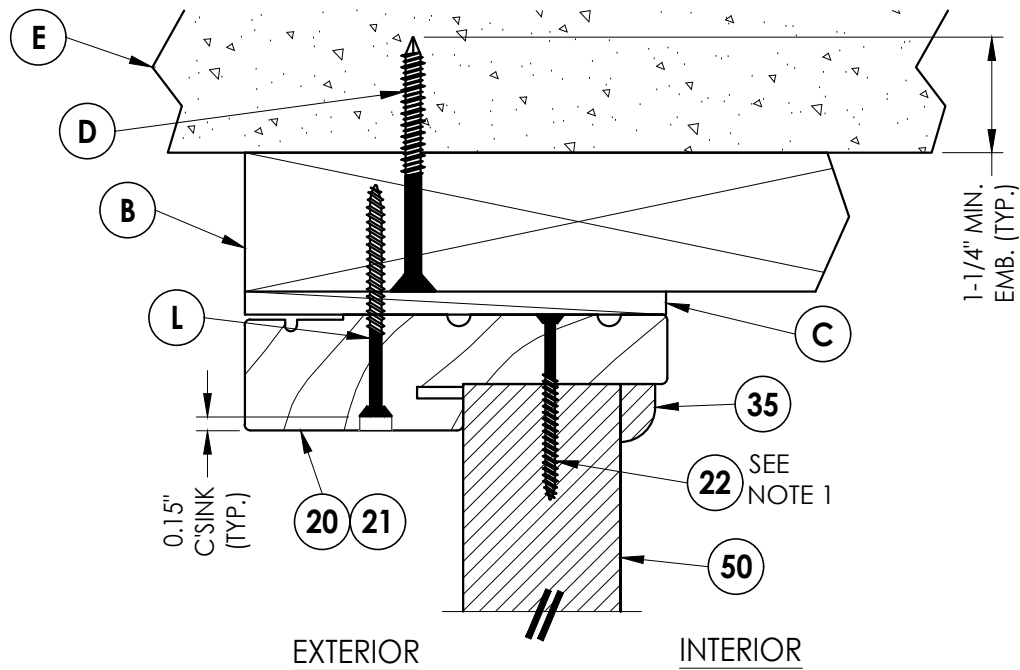
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P.O. Box 230, Valrico, FL 33595
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PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

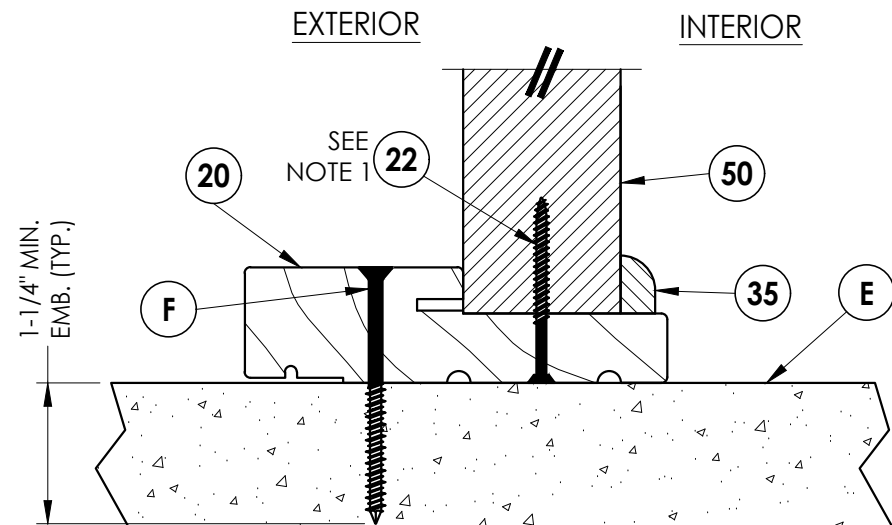
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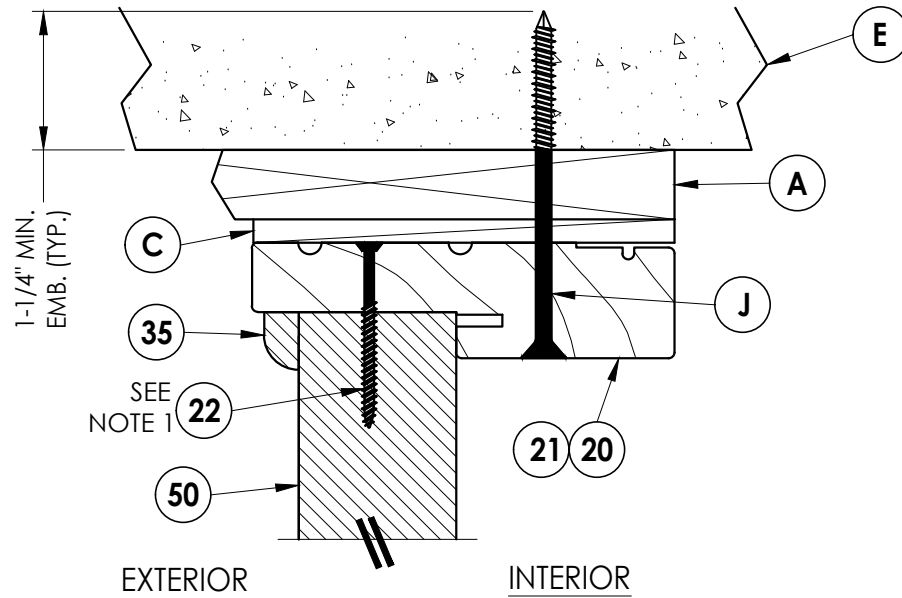


1
7 **VERTICAL CROSS SECTION**
Inswing shown - outswing
also approved

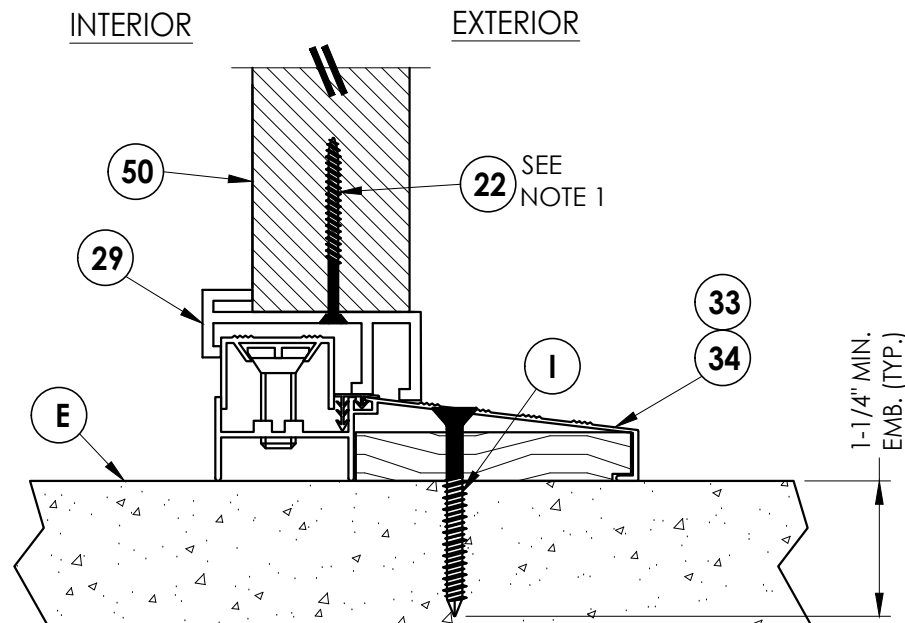
NOTE:
1. Sidelite panel secured to the sidelite frame as follows:
14" nom. panel: (2) of item #22 located 3" from each end.
36" nom. panel: (2) of item #22 located 6" from each end.



3
7 **VERTICAL CROSS SECTION**
Inswing shown - outswing
also approved



2
7 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown - inswing also approved



4
7 **VERTICAL CROSS SECTION**
Inswing configuration

Documents Prepared By:
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P.E. No. 43409

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PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

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4	8/05/20	UPDATE TO 7TH ED. (2020)	FBC					
3	7/25/17	UPDATE TO 6TH ED. (2017)	FBC					
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DATE: 02/15/12

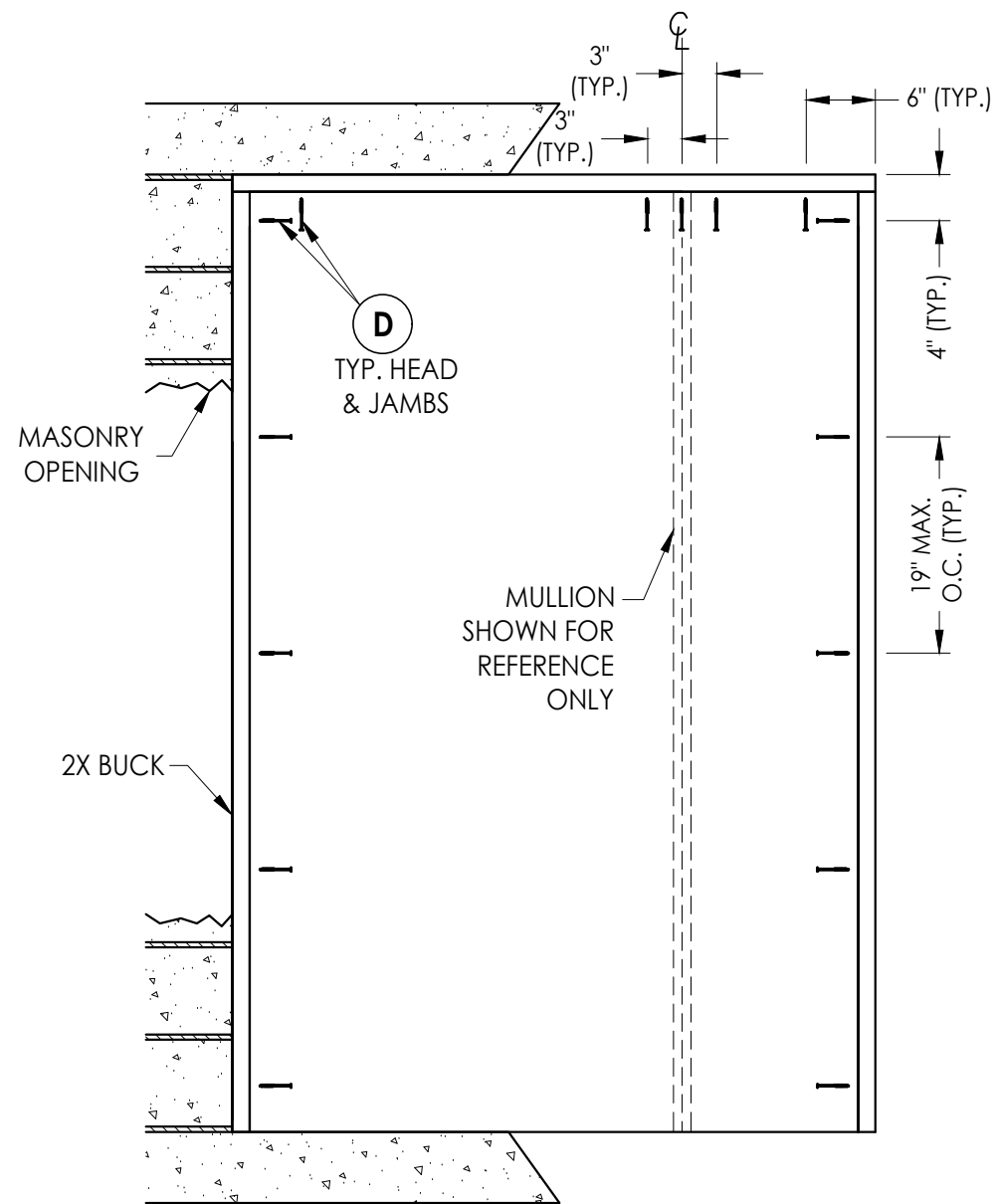
SCALE: N.T.S.

DWG. BY: JK

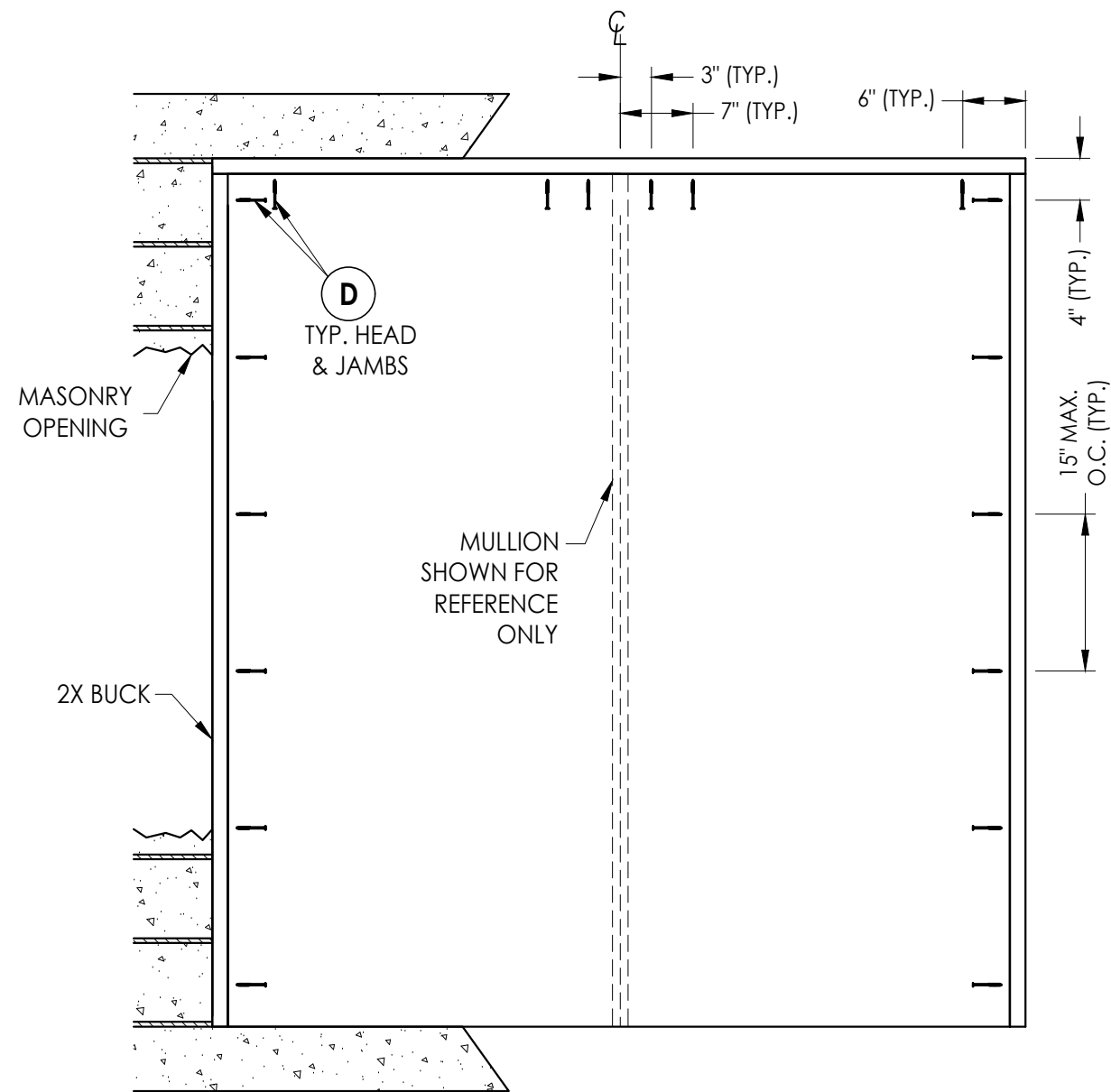
CHK. BY: LFS

DRAWING NO.: FL-15215.12

SHEET 7 OF 11



BUCK ANCHORING



BUCK ANCHORING

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 ULTRA-CON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

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

5	8/15/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
4	8/05/20	UPDATE TO 7TH ED. (2020)	FBC	DAC
3	7/25/17	UPDATE TO 6TH ED. (2017)	FBC	JK
2	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK
1	2/27/13	REVISED GLAZING DETAIL		RW
NO.	DATE			
		REVISIONS		

DATE: 02/15/12

SCALE: *N.T.S.*

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15215.12

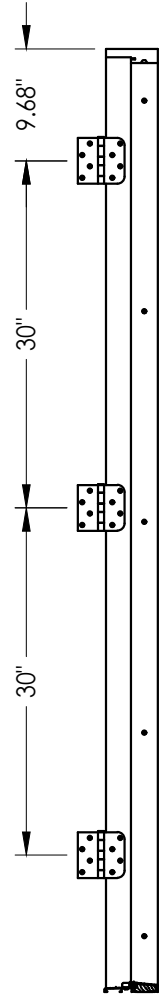
SHEET 8 OF 11

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

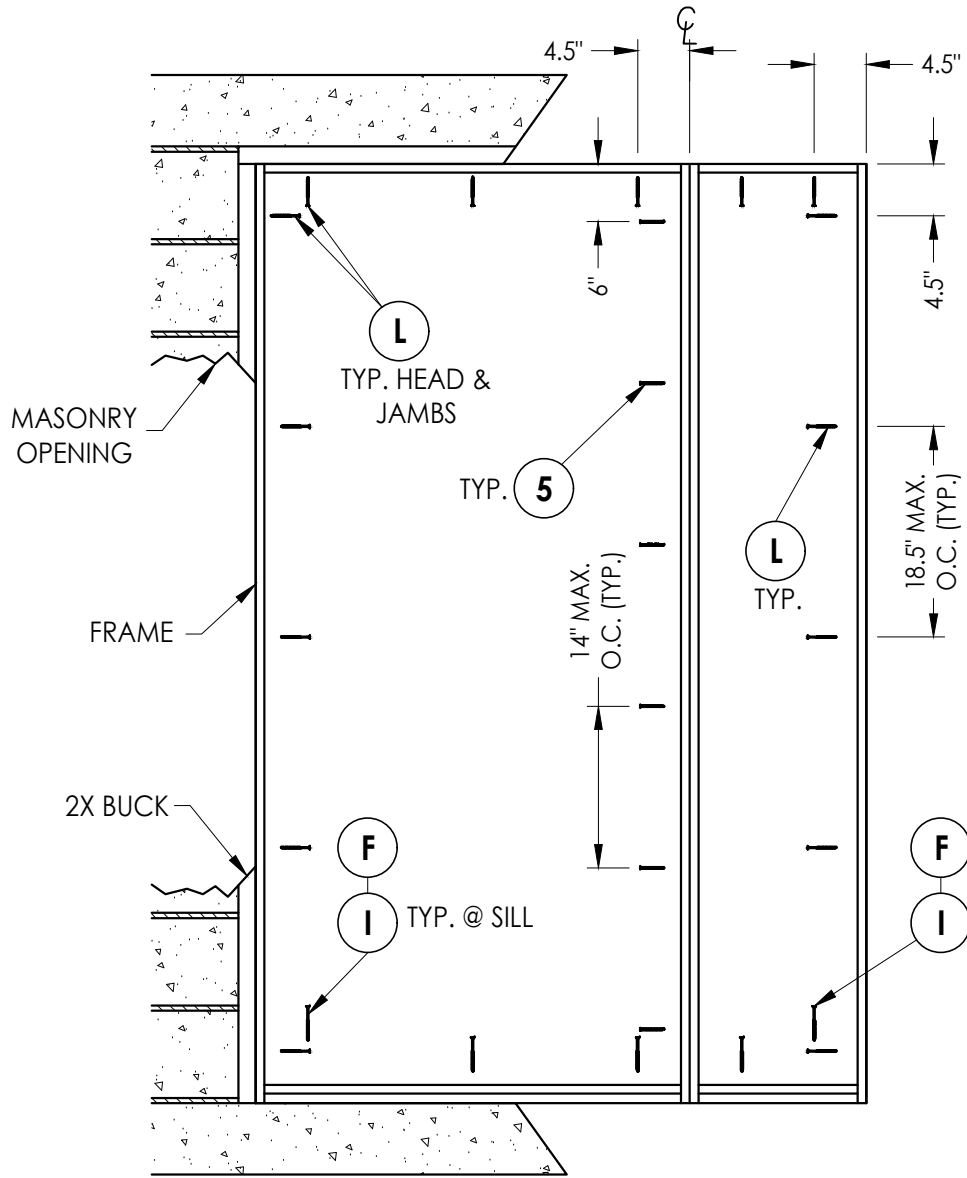
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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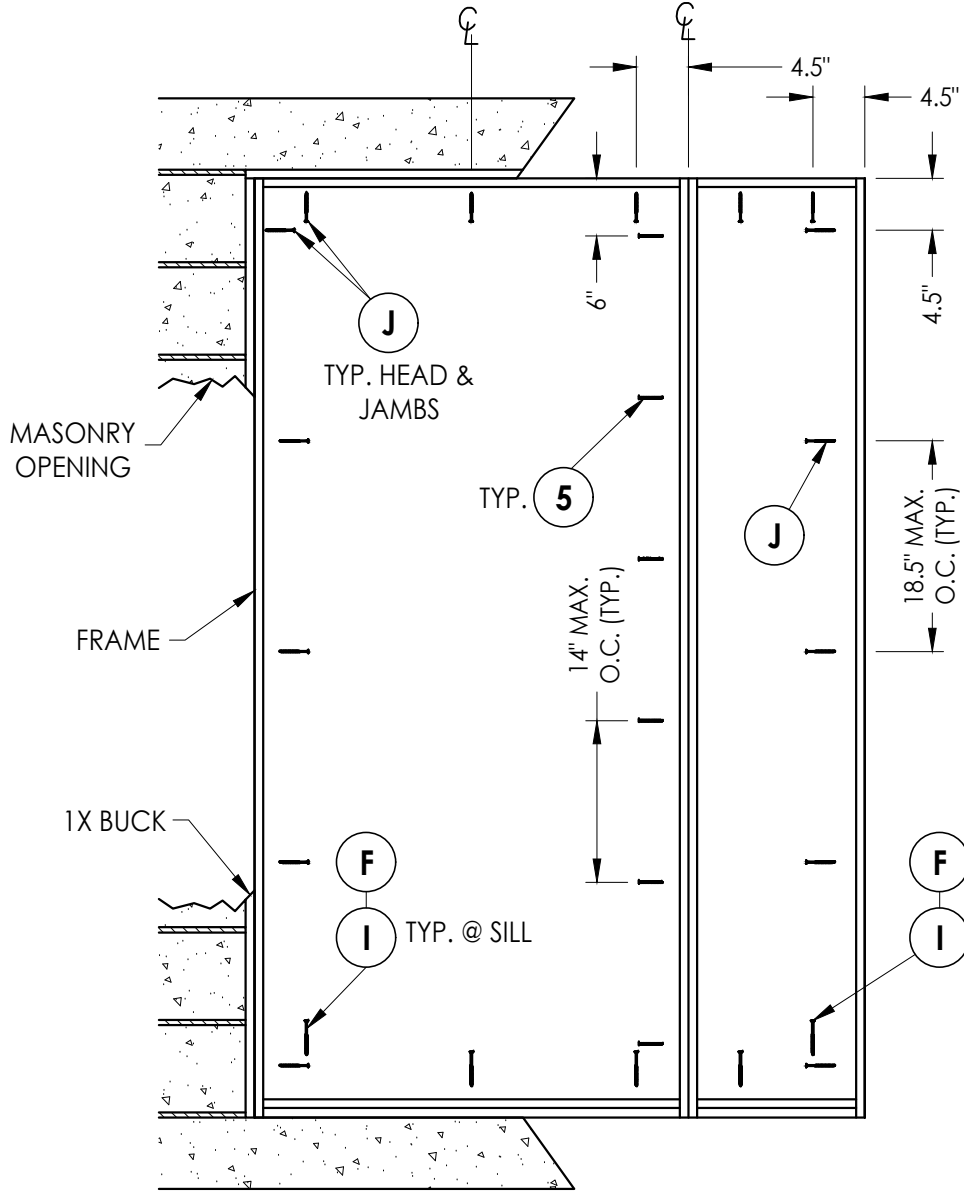
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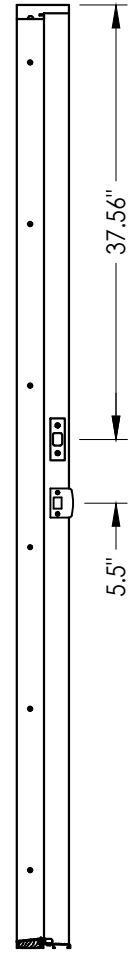
HINGE JAMB



FRAME ANCHORING
Masonry 2X buck construction



FRAME ANCHORING
Masonry 1X buck construction



STRIKE JAMB

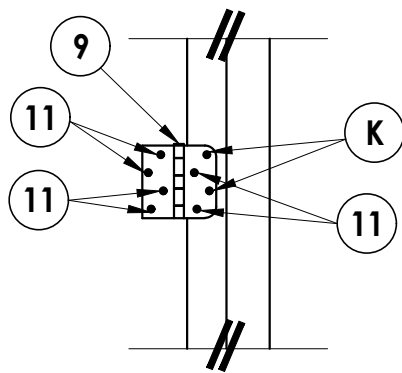
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- Concrete anchor table:

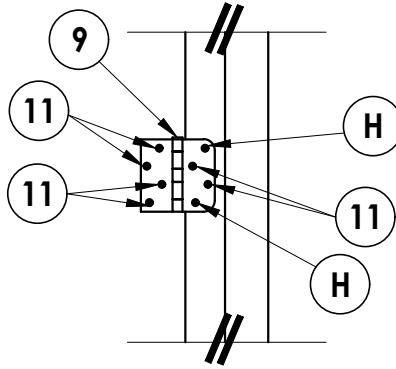
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ITW TAPCON®	1/4"	1-1/4"	2"	4"
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WOOD SCREW INSTALLATION NOTES:

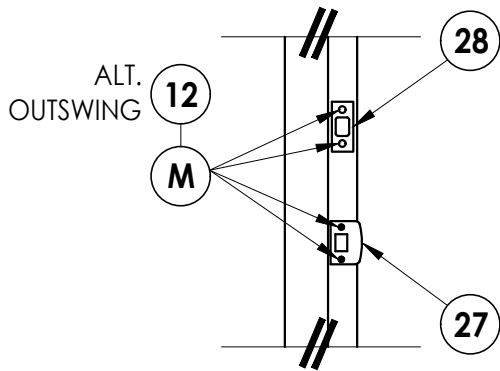
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



HINGE DETAIL
2X Buck



HINGE DETAIL
1X Buck



LATCH & DEADBOLT DETAIL

Documents Prepared By:
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P.E. No. 43409

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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
FRAME ANCHORING

NO.	DATE	REVISIONS
5	8/15/23	UPDATE TO 8TH ED. (2023) FBC
4	8/05/20	UPDATE TO 7TH ED. (2020) FBC
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2	04/22/15	UPDATE TO 5TH ED. (2014) FBC
1	2/27/13	REVISED GLAZING DETAIL

DATE: 02/15/12

SCALE: N.T.S.

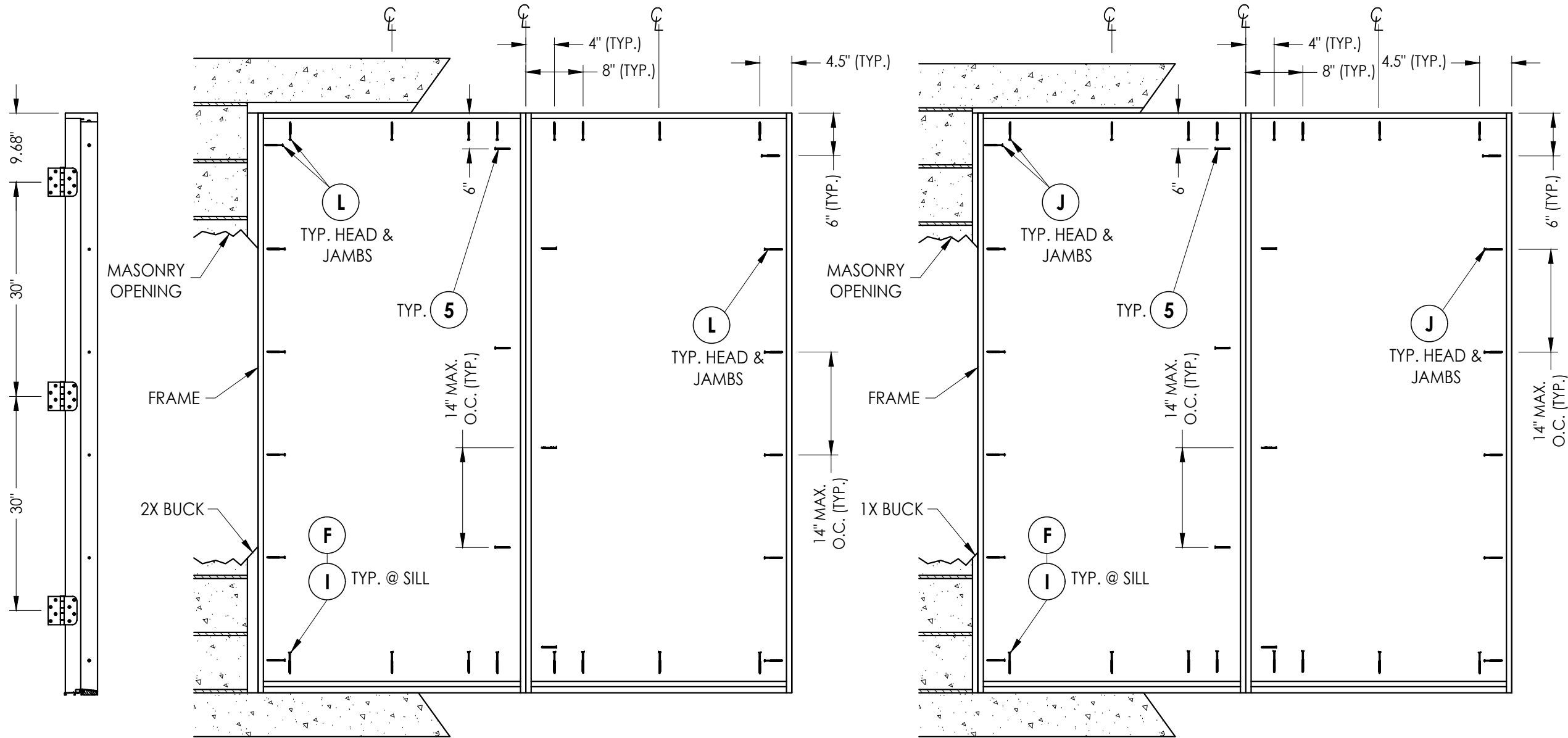
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15215.12

SHEET 9 OF 11

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HINGE JAMB

FRAME ANCHORING

Masonry 2X buck construction

FRAME ANCHORING

Masonry 1X buck construction

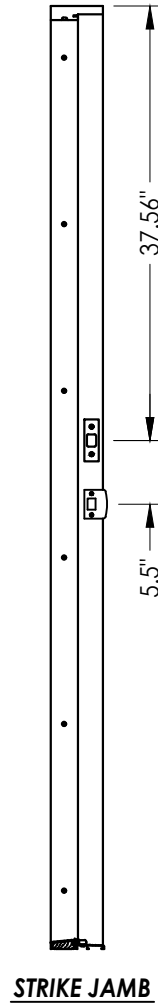
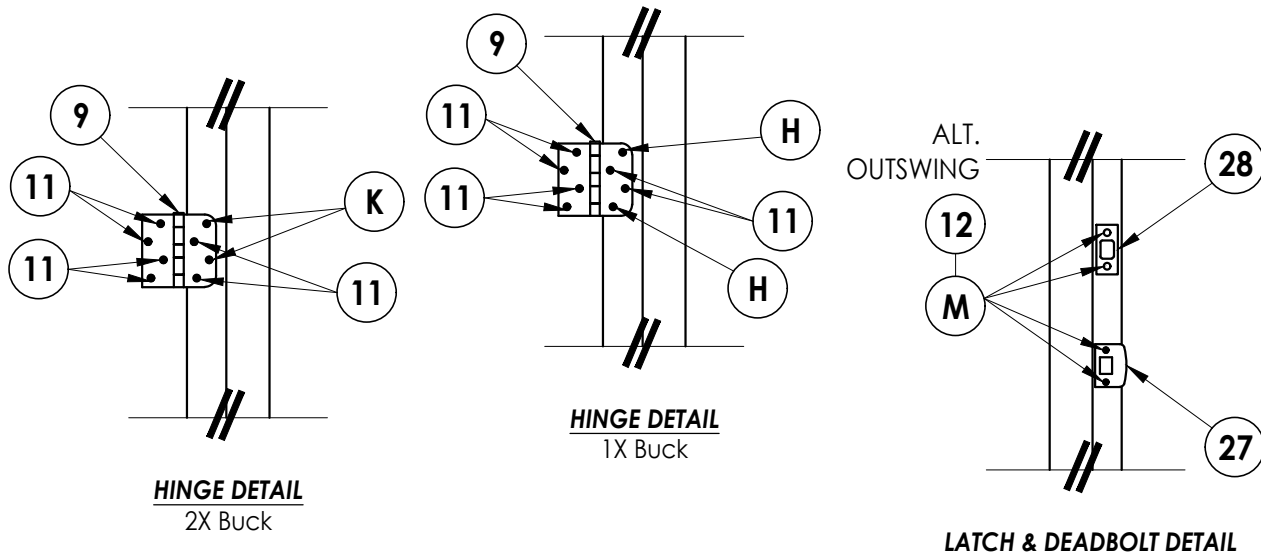
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ITW TAPCON®	1/4"	1-1/4"	2"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

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.



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FIBERGLASS DOOR

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DATE: 02/15/12

SCALE: N.T.S.

DWG. BY: JK

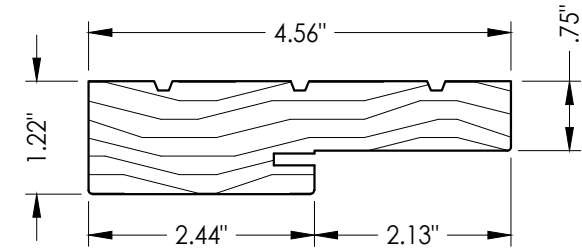
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DRAWING NO.: FL-15215.12

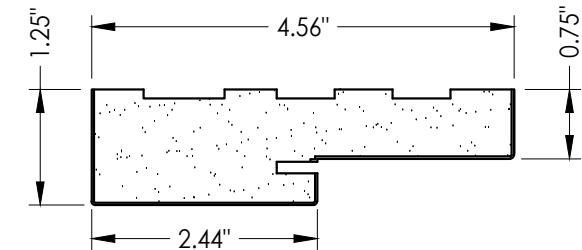
SHEET 10 OF 11

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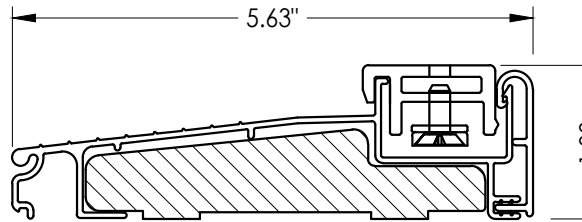
BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	1/4" X 2-3/4" PFH ITW CONCRETE SCREW	STEEL
H	3/16" x 3-1/4" 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
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	#9 X 2-1/4" PFH WOOD SCREW	STEEL
5	#10 X 2" PFH SCREW	STEEL
6	SEALANT	SILICONE
7	Q-LON 650 WEATHER STRIP 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 JAMB	WOOD
21	POLY FIBER JAMB	COMP.
22	#10 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. 0.075" THICK)	FIBERGLASS
42	TOP RAIL	CELLULAR PVC
43	LATCH & HINGE STILE	CELLULAR PVC
44	LOCK REINFORCEMENT	WOOD
45	BOTTOM RAIL	CELLULAR PVC
46	POLYURETHANE FOAM	POLYURETHANE
47	CONTINUOUS LATCH & HINGE STILE REINFORCEMENT	WOOD
49	GLAZING COMPOUND DOW 995	SILICONE
50	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-



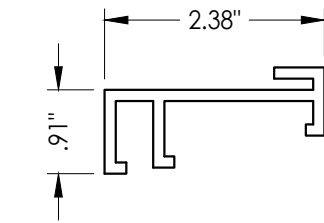
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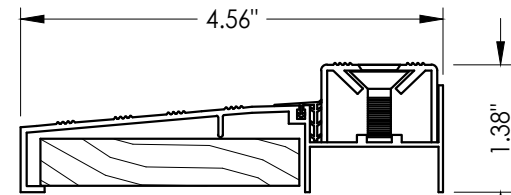
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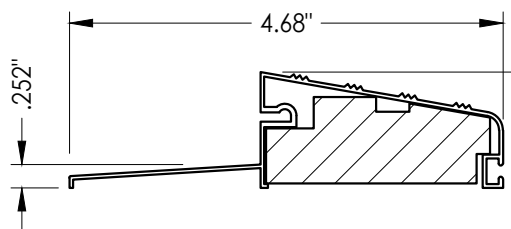
33 ADJUSTABLE INSWING THRESHOLD



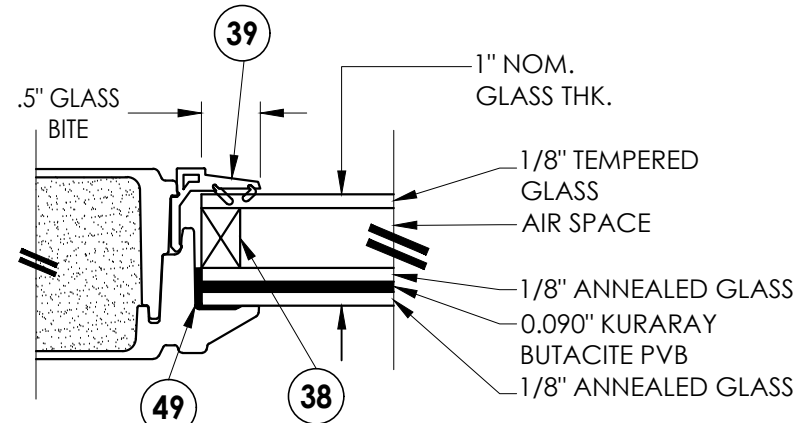
29 SIDELITE SPACER



34 ADJUSTABLE INSWING THRESHOLD



31 OUTSWING BUMP THRESHOLD



G1 GLAZING DETAIL

Documents Prepared By:
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FBPE Registry No. 9813

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS, GLAZING
DETAIL & COMPONENTS

NO.	DATE	REVISIONS
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SHEET 11 OF 11