

plastpro

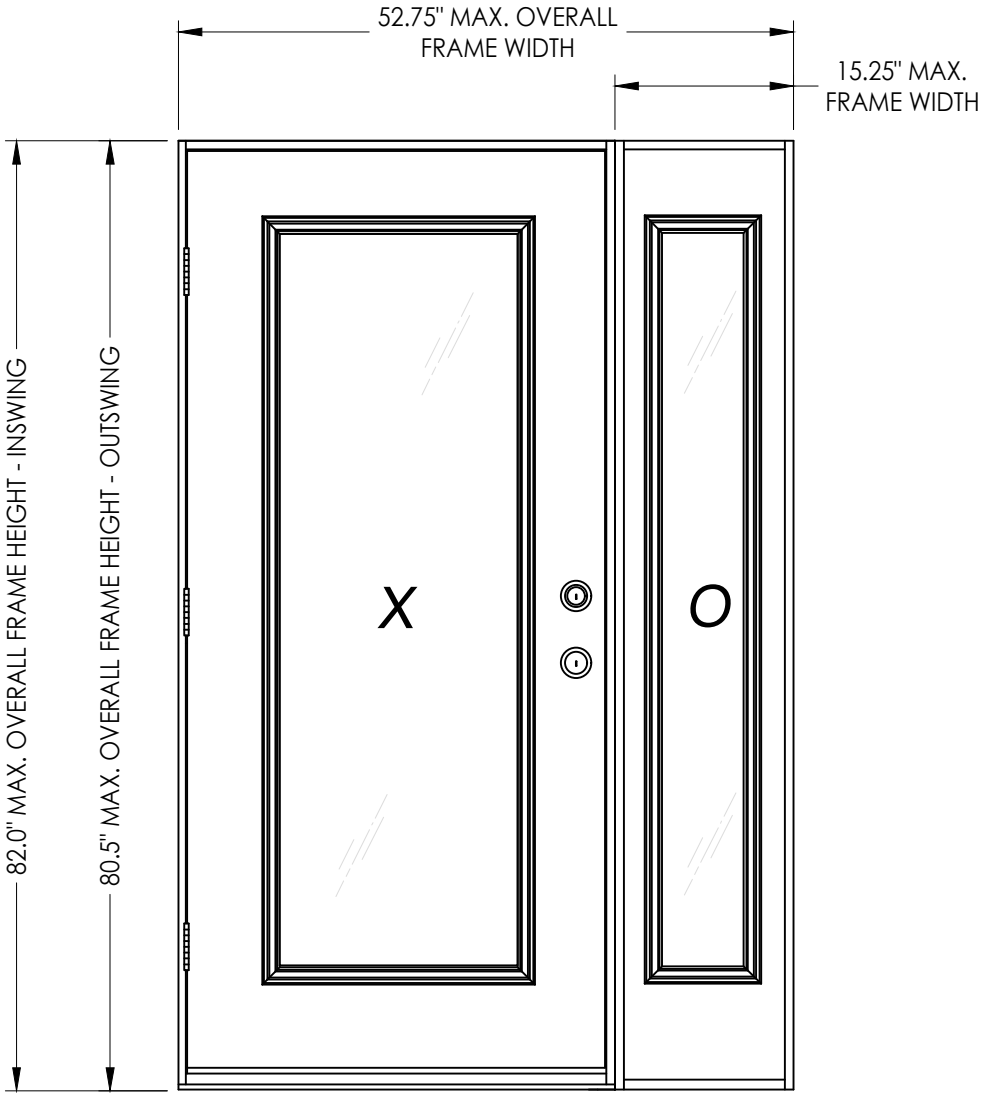
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

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

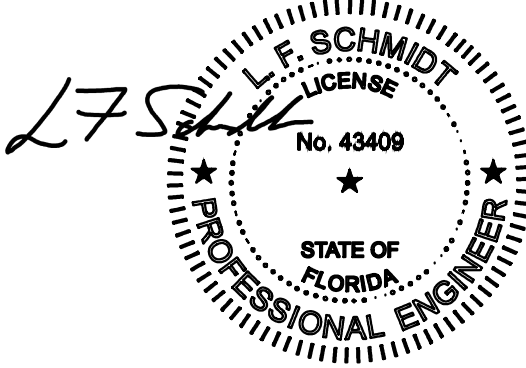
GENERAL NOTES

- 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 is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
- 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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SHEET #	DESCRIPTION
1	Typical elevation, design pressures, & general notes
2	Door panel details
3	Sidelite panel details
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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	52.75" x 82.0"	21.0" x 63.0"	7.0" x 63.0"	G1	+48.0	-50.0
OUTSWING	52.75" x 80.5"	21.0" x 63.0"	7.0" x 63.0"		+50.0	-50.0



Digitally signed by Lyndon F Schmidt
Date: 2023.08.24 10:29:25 -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

8/24/23
4

UPDATE TO 8TH ED. (2023) FBC

LFS

7/27/20
3

UPDATE TO 7TH ED. (2020) FBC

LFS

10/19/17
2

UPDATE TO 6TH ED. (2017) FBC

LFS

04/22/15
1

UPDATE TO 5TH ED. (2014) FBC

JK

NO.

DATE

BY

REVISIONS

DATE: 02/16/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

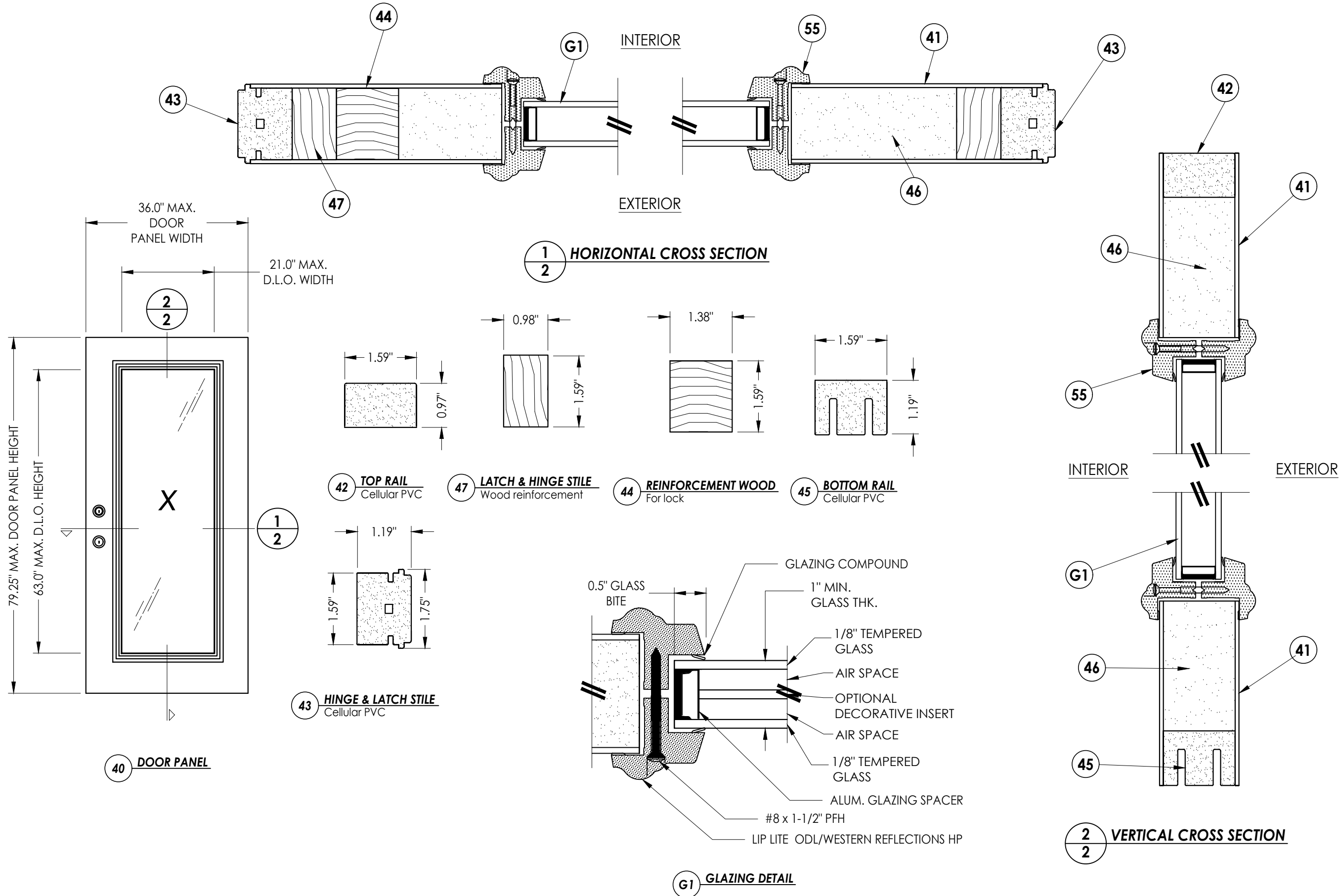
DRAWING NO.: FL-15213.15

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

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:

DOOR PANEL DETAILS

NO.	DATE	REVISIONS
4	8/24/23	UPDATE TO 8TH ED. (2023) FBC
3	7/27/20	UPDATE TO 7TH ED. (2020) FBC
2	10/19/17	UPDATE TO 6TH ED. (2017) FBC
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC
JK		
BY		

DATE: 02/16/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

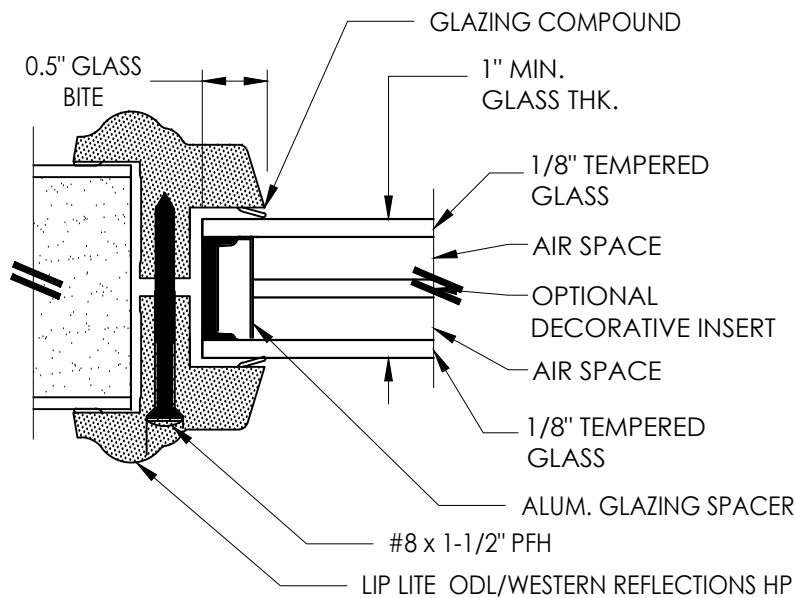
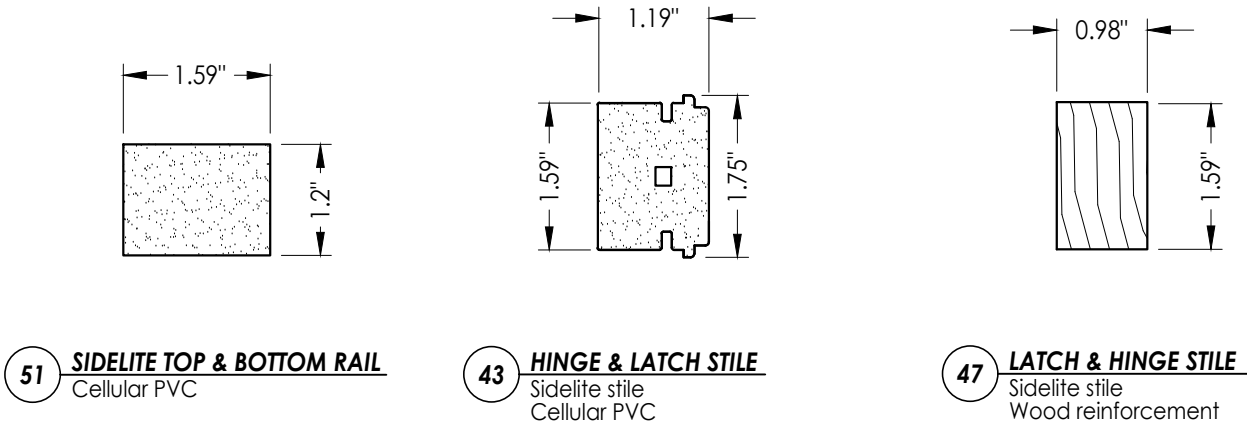
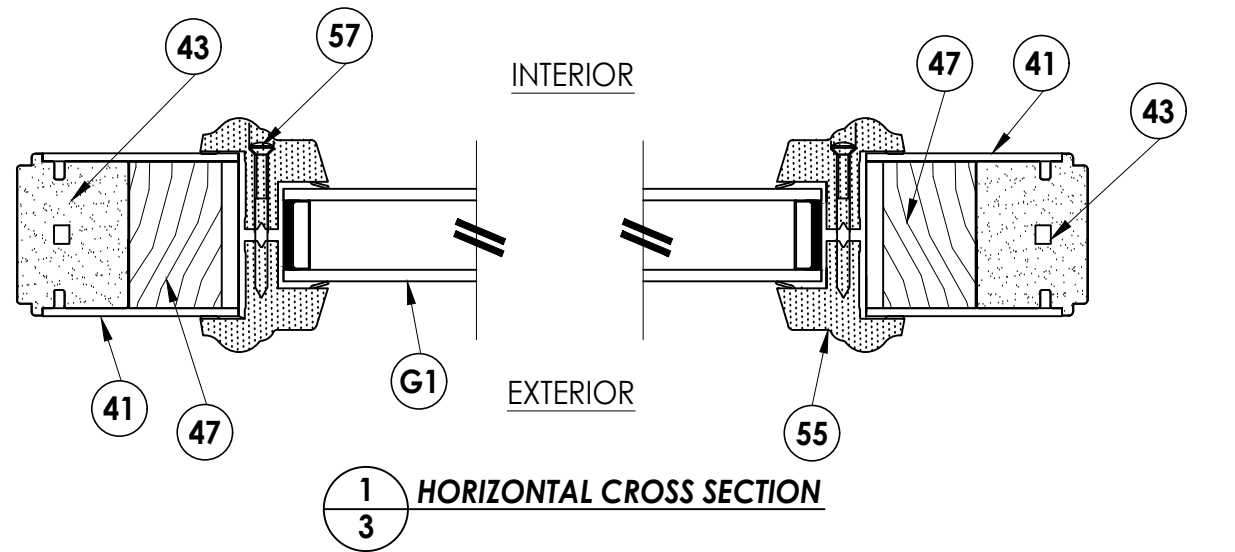
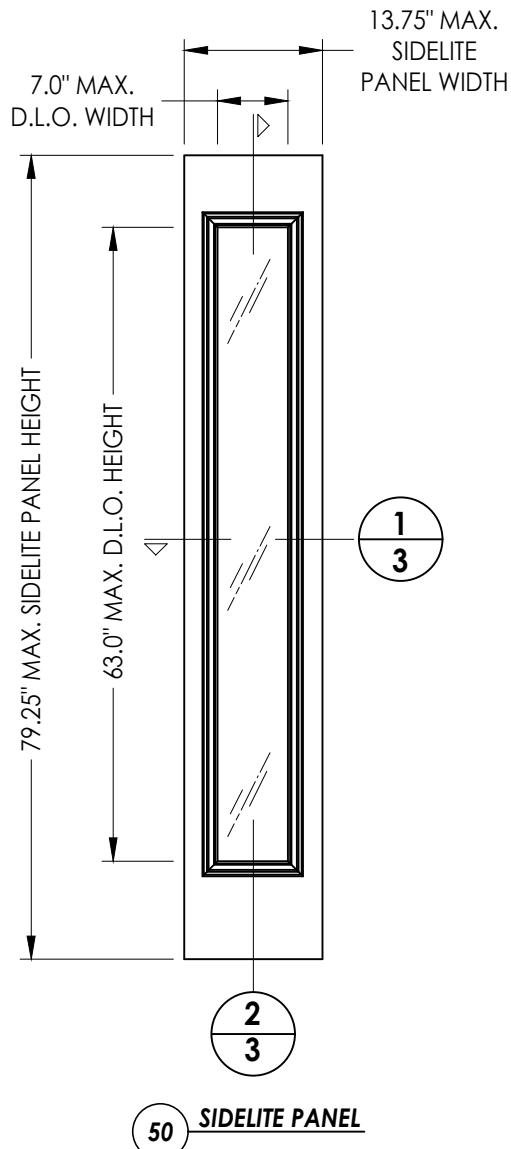
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FL-15213.15

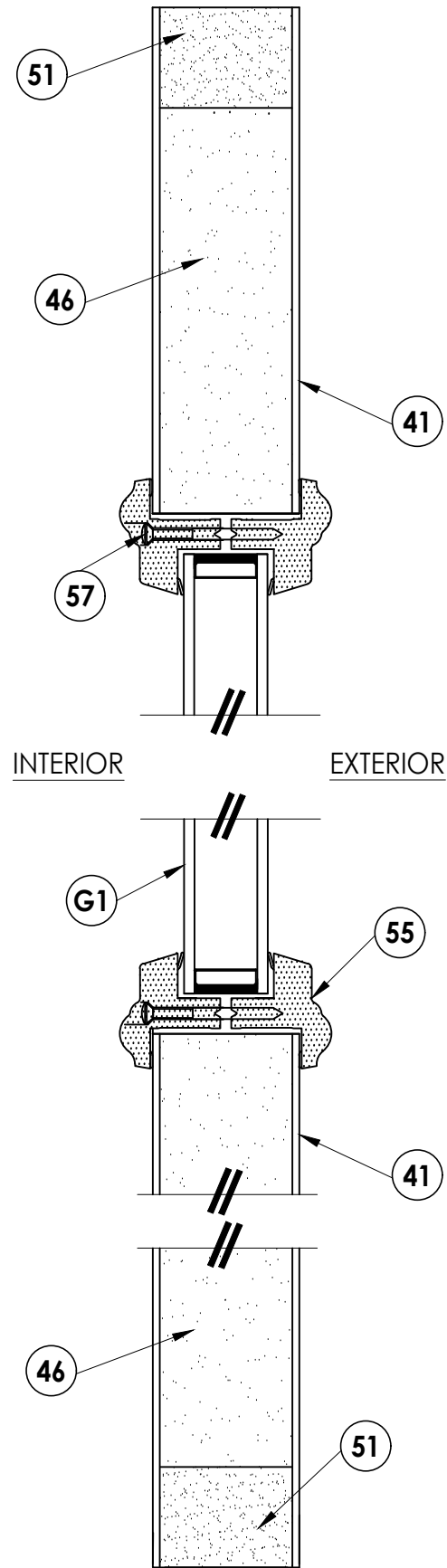
SHEET 2 OF 9

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G1 GLAZING DETAIL



2/3 VERTICAL CROSS SECTION

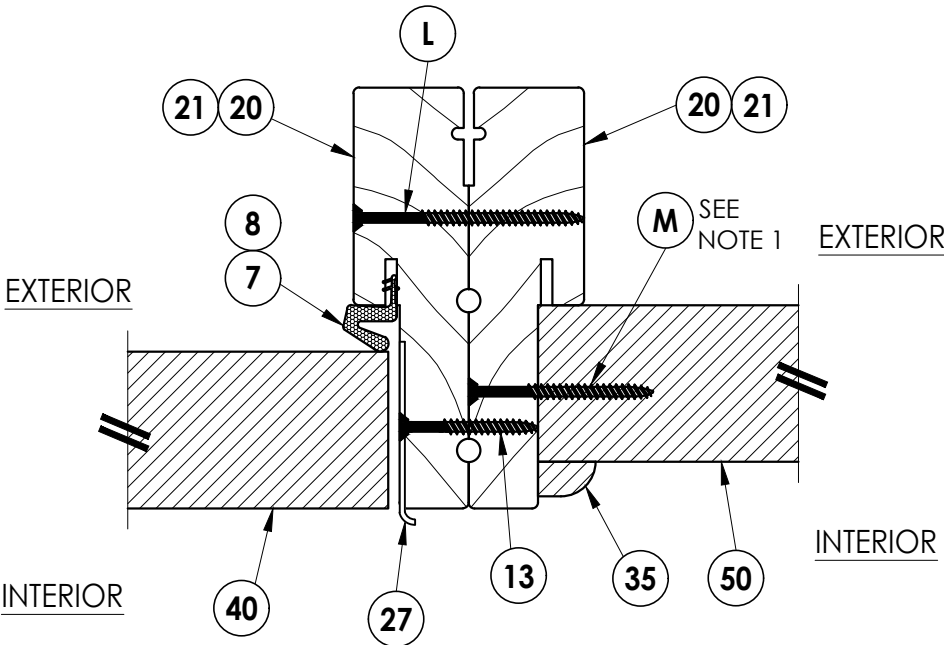
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PLASTPRO INC. FIBERGLASS DOOR		SIDELITE PANEL DETAILS	
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1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC
NO.	DATE	BY	REVISIONS

DATE: 02/16/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15213.15
SHEET 3 OF 9

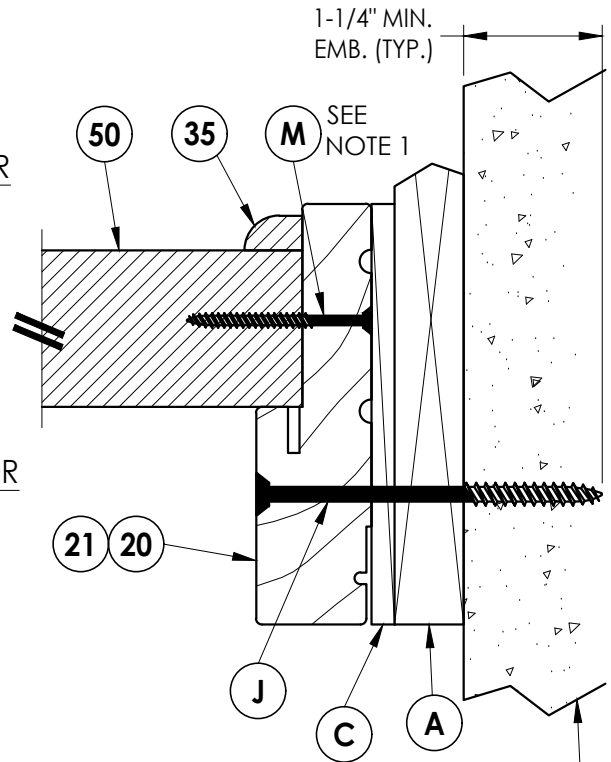
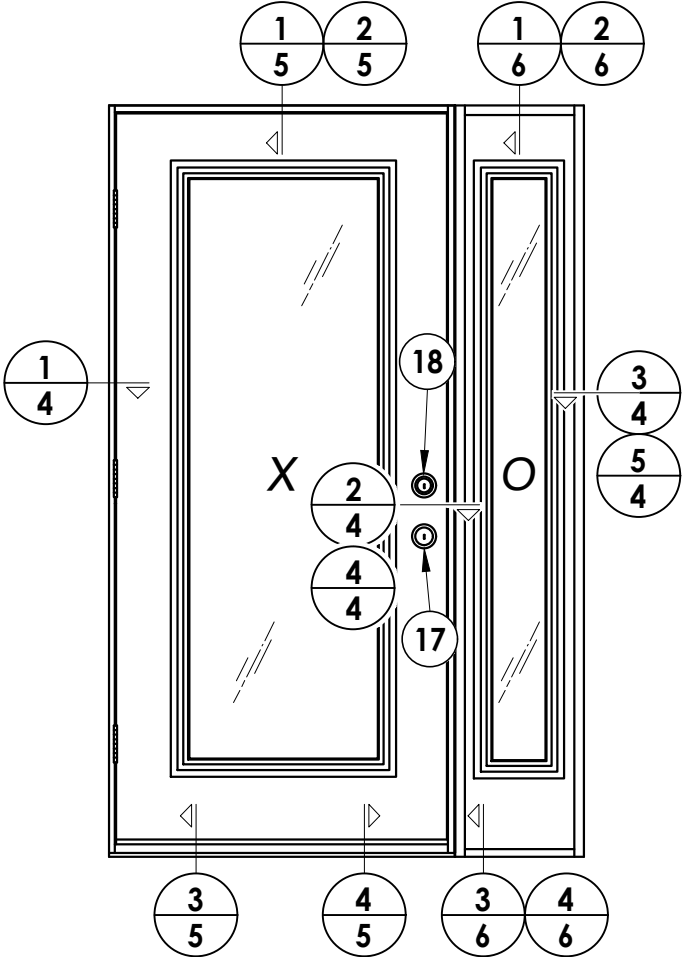
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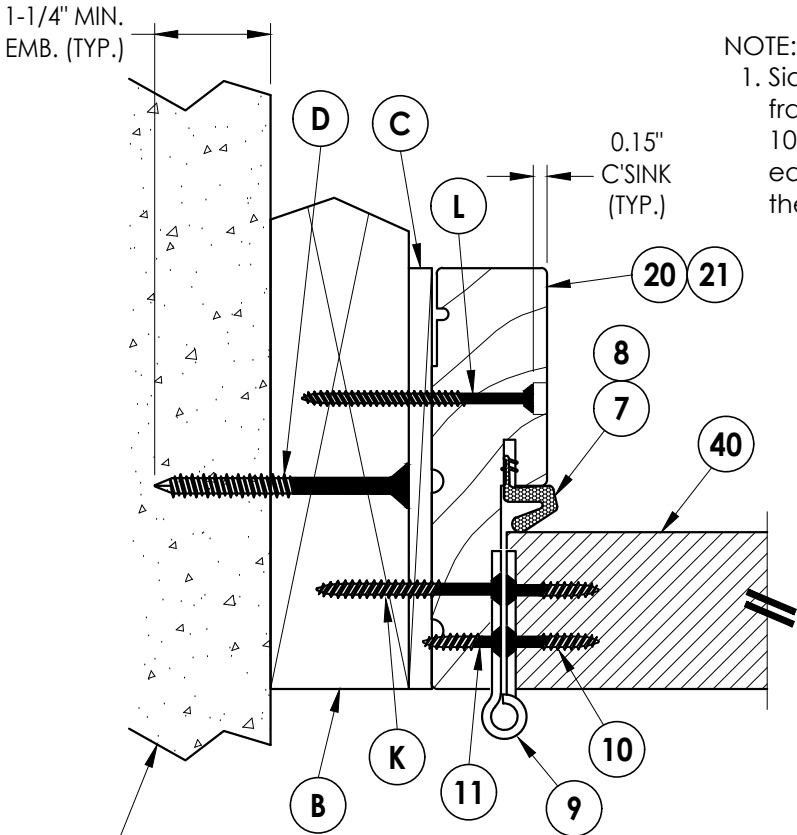
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4 **HORIZONTAL CROSS SECTION**
4 Inswing configuration

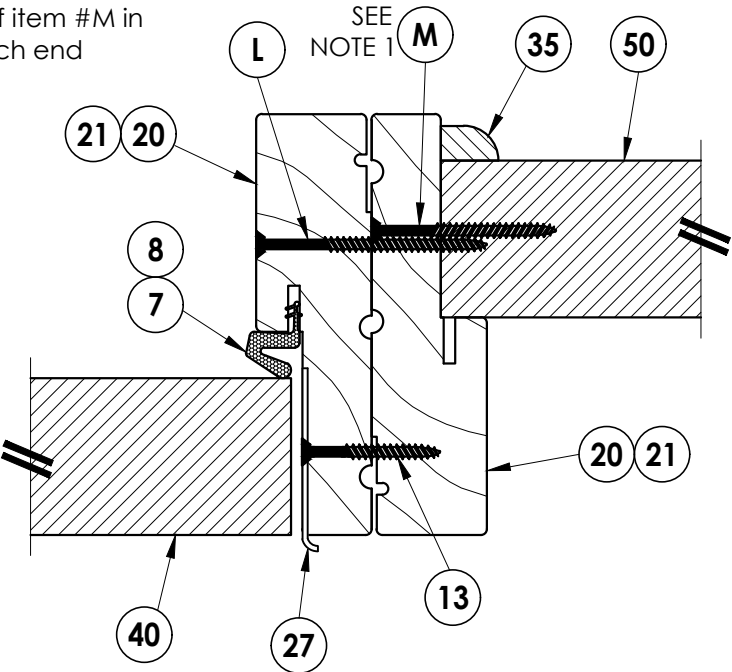


5 **HORIZONTAL CROSS SECTION**
4 Shown w/1X sub-buck

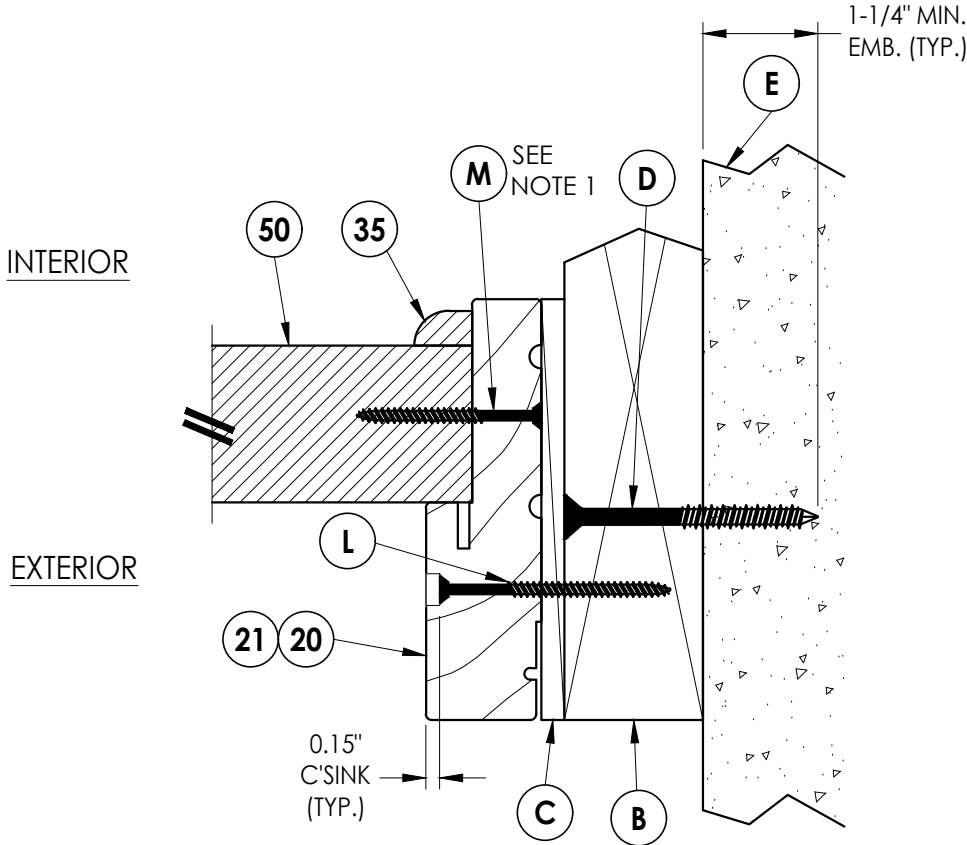


1 **HORIZONTAL CROSS SECTION**
4 Outswing shown - inswing also approved

NOTE:
1. Sidelite panel secured to the sidelite frame with (4) of item #M located 10", 30.5", 51" and 71.5" from top of each jamb and (2) of item #M in the head, 3" from each end



2 **HORIZONTAL CROSS SECTION**
4 Outswing configuration



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

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

PLASTPRO INC.

FIBERGLASS DOOR

PART OR ASSEMBLY:

HORIZONTAL CROSS SECTIONS

BUILDING CONSULTANTS, INC.

P.O. Box 230, Valrico, FL 33595

Phone No.: 813.659.9197

FBPE Registry No. 9813

NO.	DATE	REVISIONS			
		BY	JK	LFS	FBC
4	8/24/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
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1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK	

DATE: 02/16/12

SCALE: N.T.S.

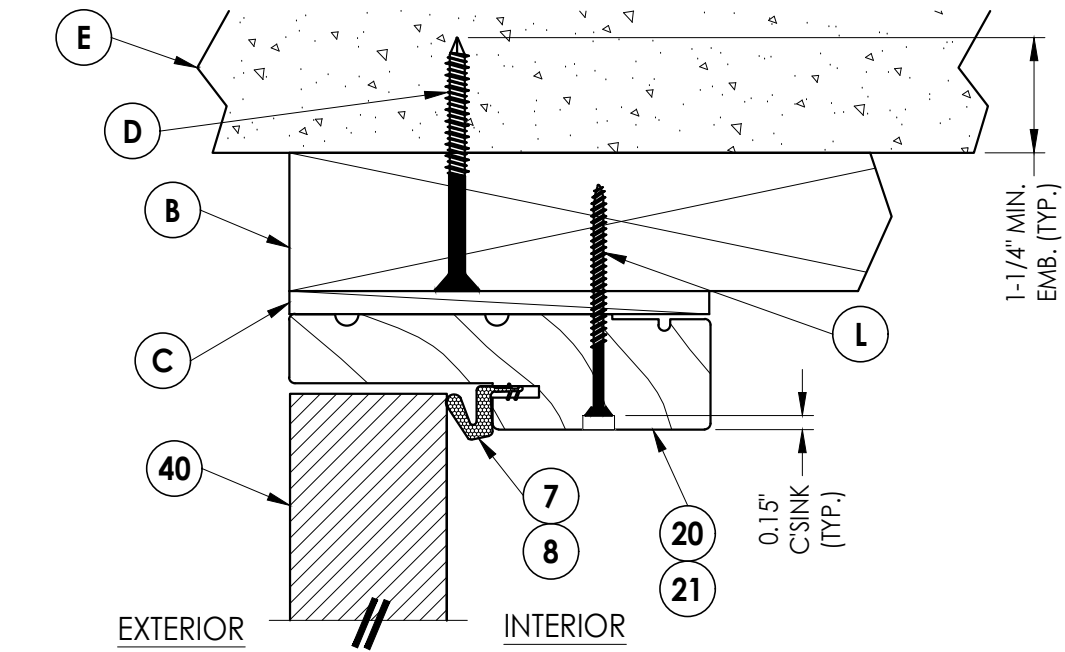
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CHK. BY: LFS

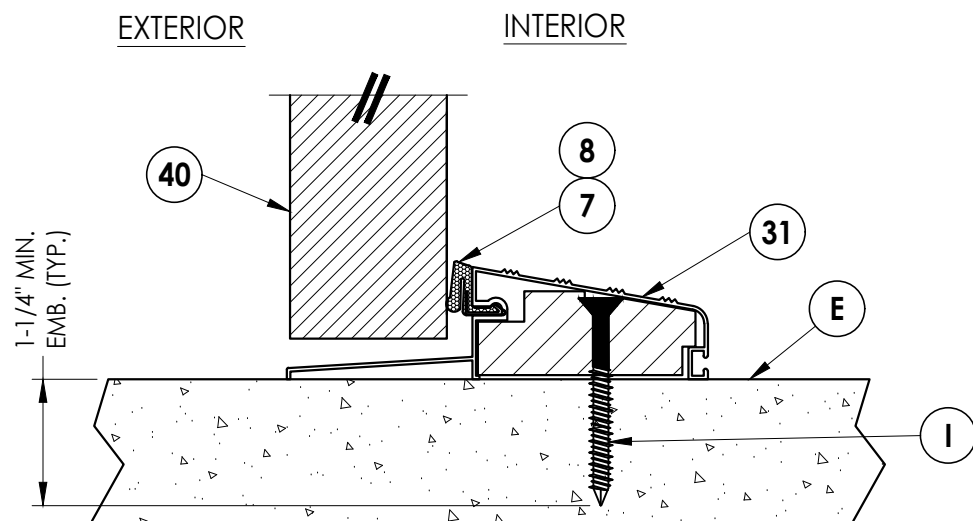
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SHEET 4 OF 9

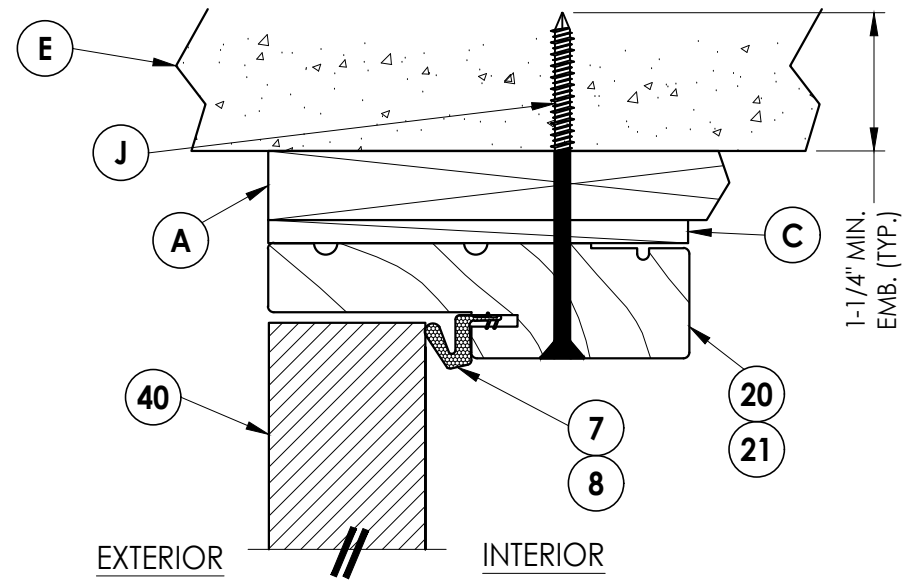
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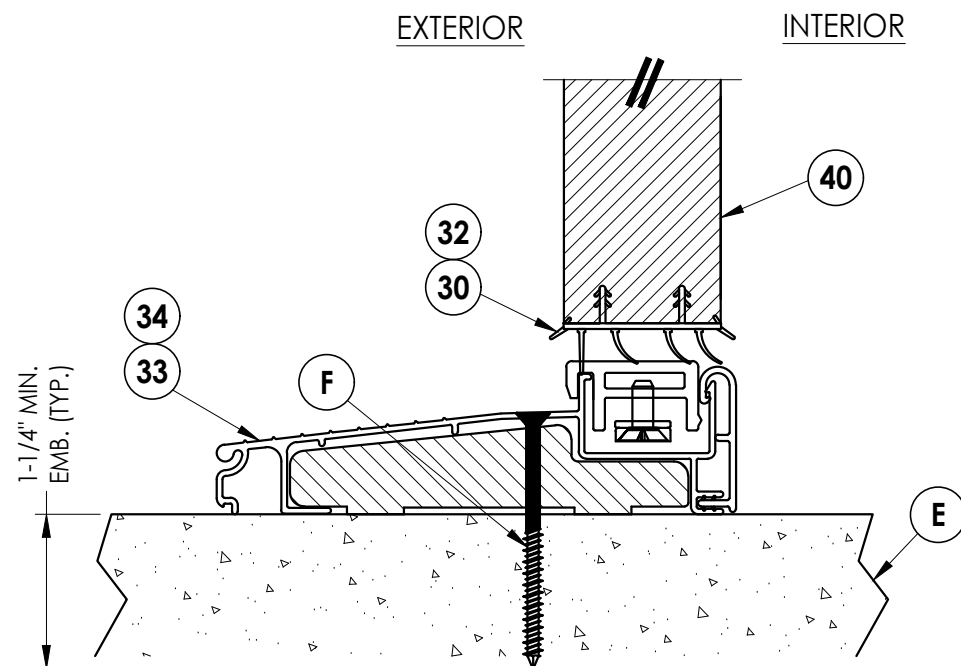
1 **VERTICAL CROSS SECTION**
5 Outswing shown - inswing
also approved



3 **VERTICAL CROSS SECTION**
5 Outswing configuration



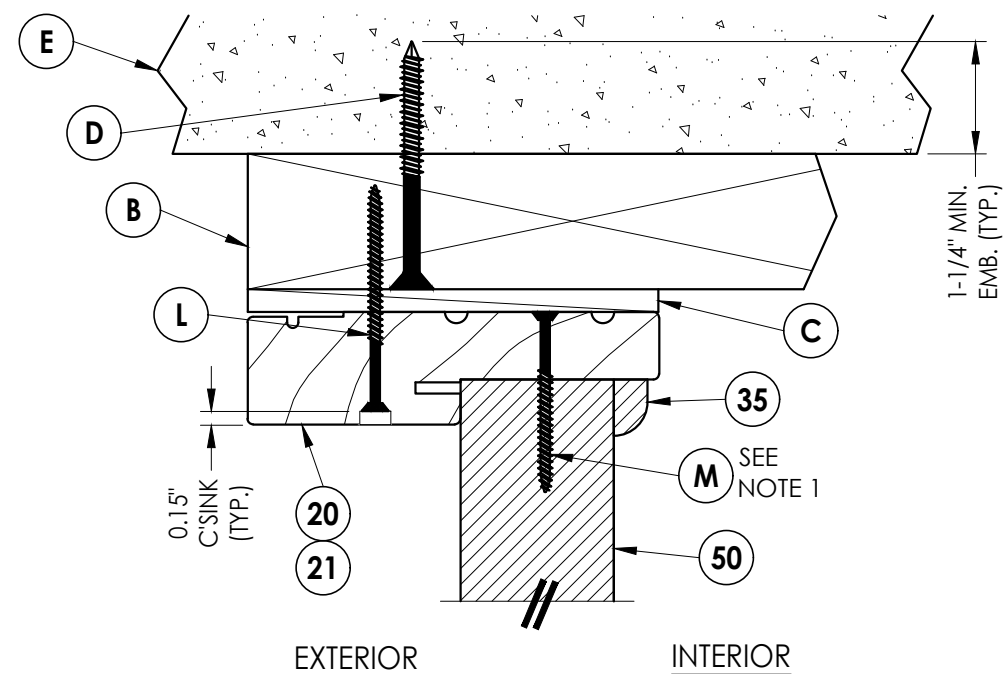
2 VERTICAL CROSS SECTION
5 Shown w/1X sub-buck



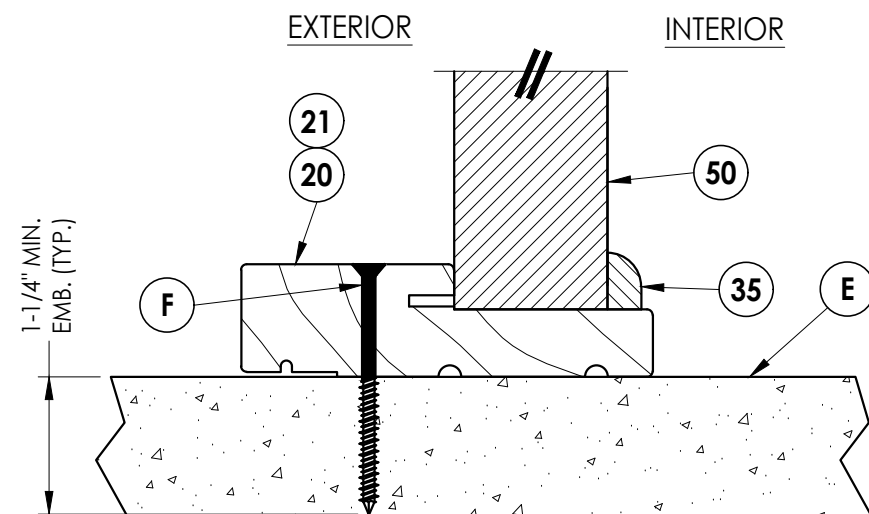
4 VERTICAL CROSS SECTION

5 Inswing configuration

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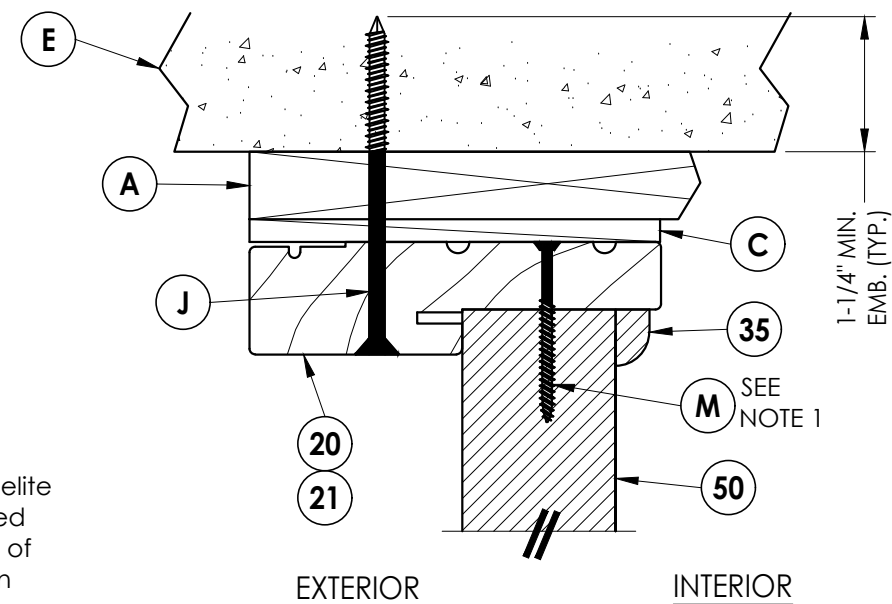
1 **VERTICAL CROSS SECTION**
6 Outswing shown - inswing
also approved



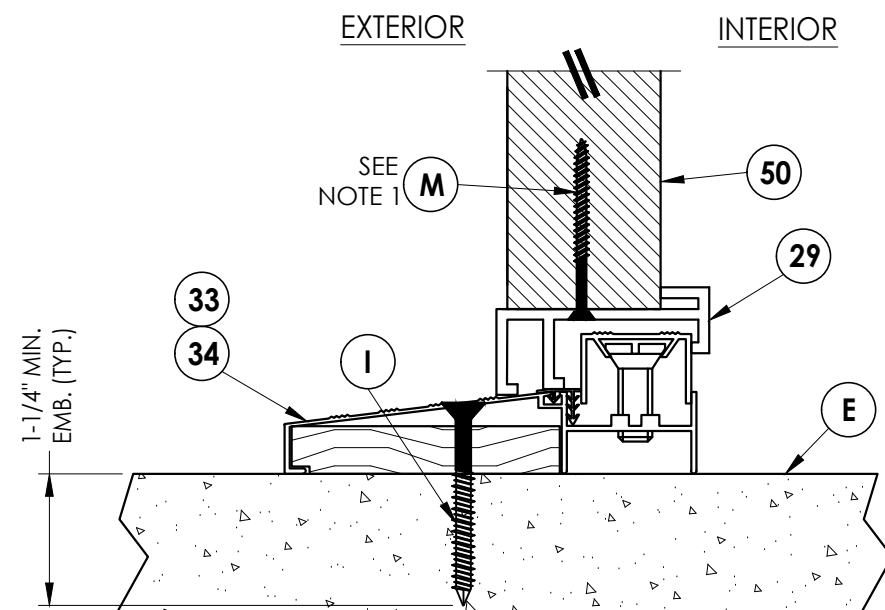
3 **VERTICAL CROSS SECTION**
6 Outswing shown - inswing
 also approved

NOTE:

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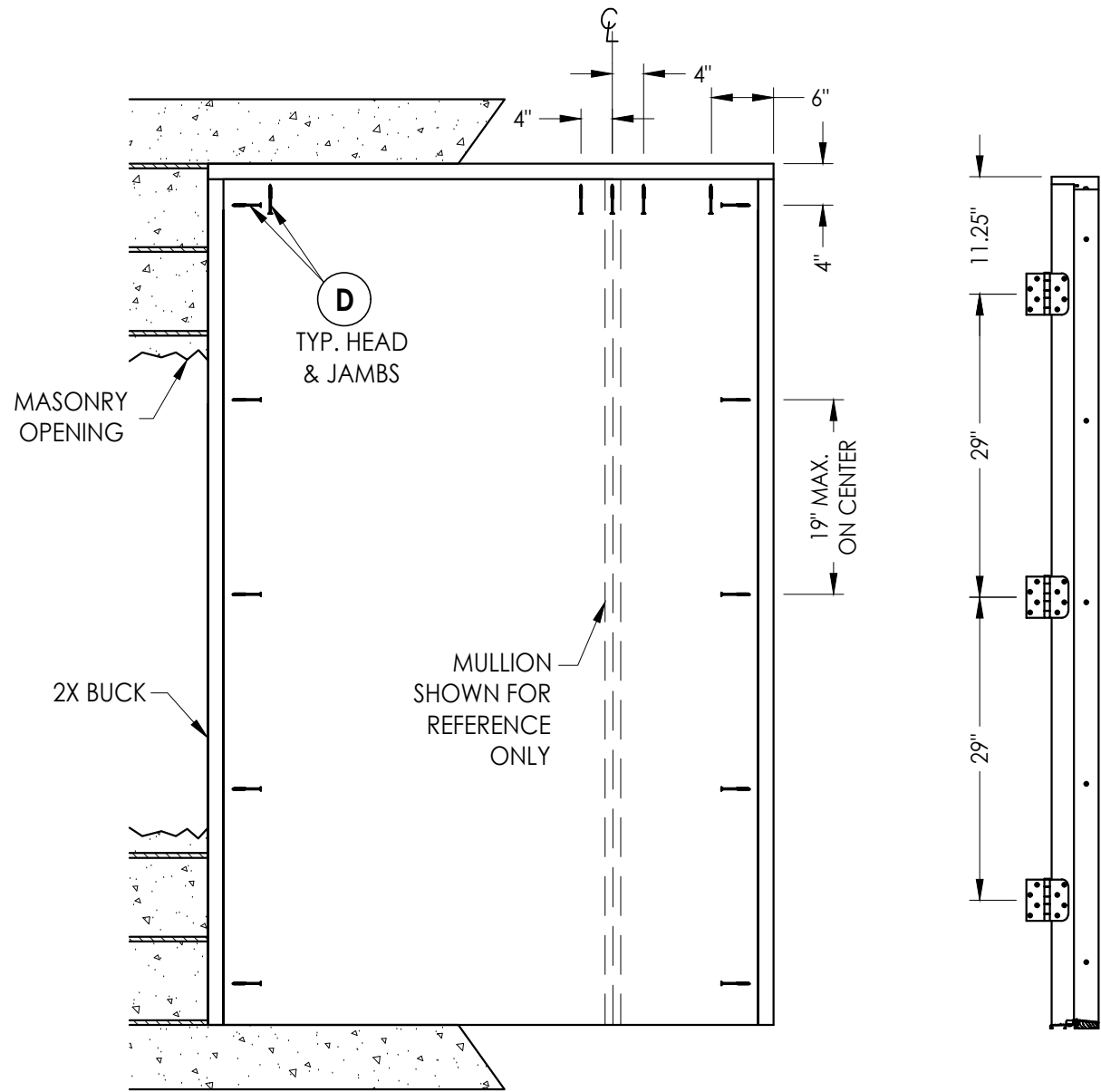
2 **VERTICAL CROSS SECTION**
6 Shown w/1X sub-buck



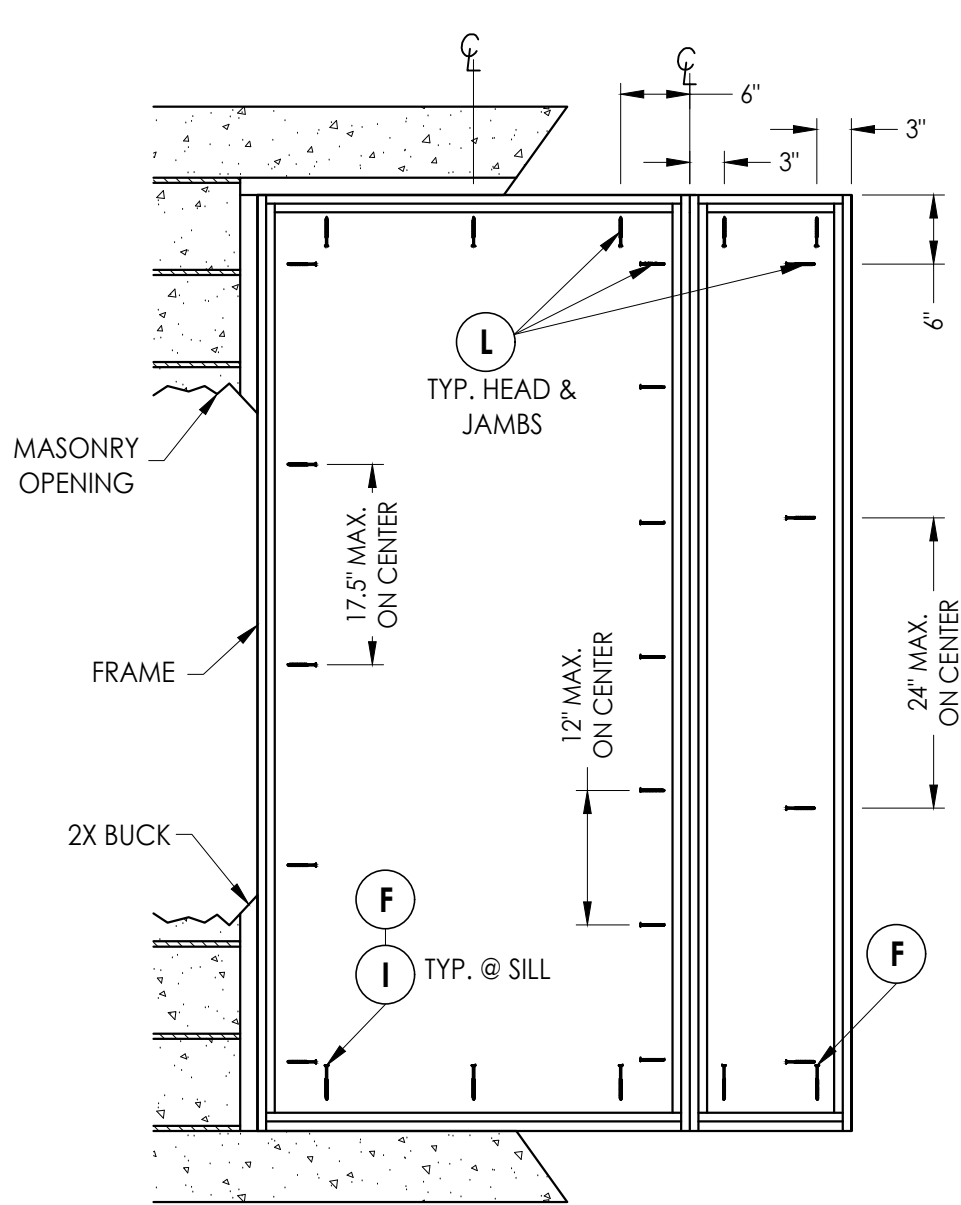
4 **VERTICAL CROSS SECTION**
6 Inswing configuration

DATE: 02/16/12					PRODUCT: PLASTPRO INC. FIBERGLASS DOOR PART OR ASSEMBLY: VERTICAL CROSS SECTIONS		Documents Prepared By:	
SCALE: N.T.S.								
DWG. BY: JK								
CHK. BY: LFS								
DRAWING NO.: FL-15213.15								
SHEET 6		OF 9				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		

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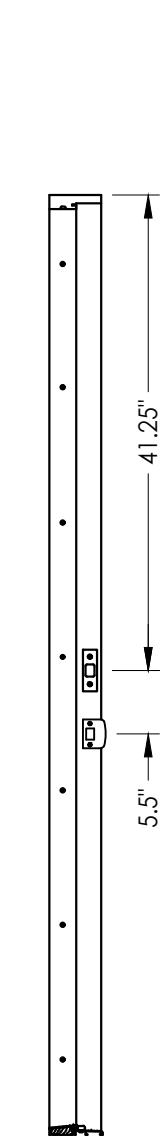


BUCK ANCHORING



FRAME ANCHORING

Masonry 2X buck construction



STRIKE JAMB

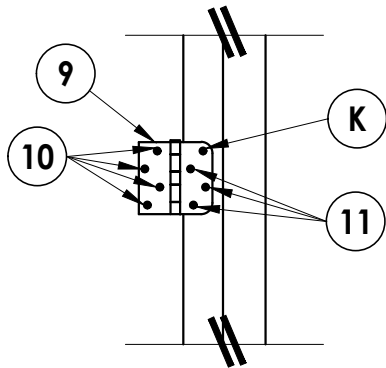
CONCRETE ANCHOR NOTES:

- 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:

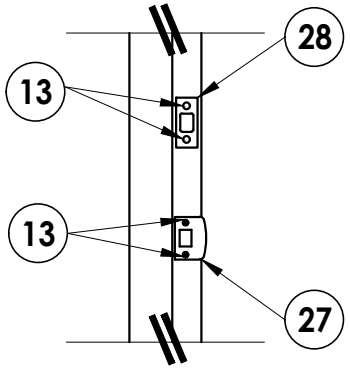
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON+®	1/4"	1-1/4"	1"	4"

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

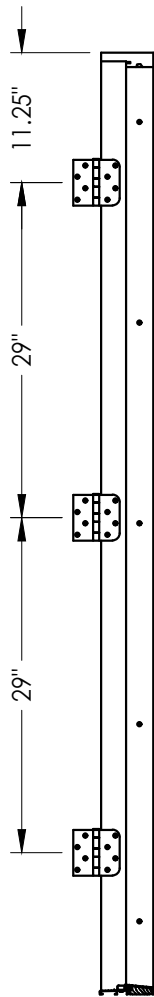
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY: BUCK AND FRAME ANCHORING 2X BUCK MASONRY CONSTRUCTION

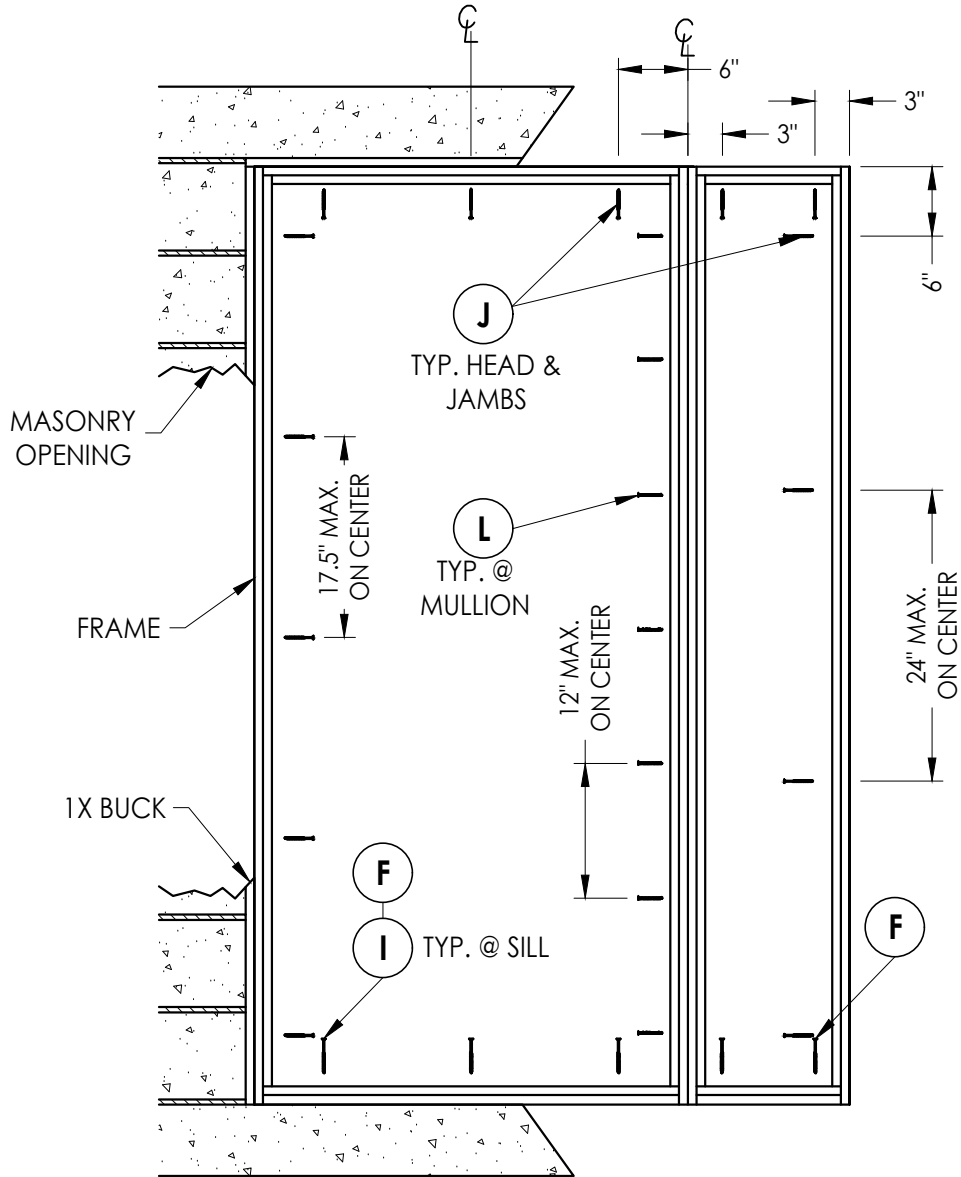
NO.	DATE	REVISIONS
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3	7/27/20	UPDATE TO 7TH ED. (2020) FBC
2	10/19/17	UPDATE TO 6TH ED. (2017) FBC
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC

DATE: 02/16/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15213.15
SHEET 7 OF 9

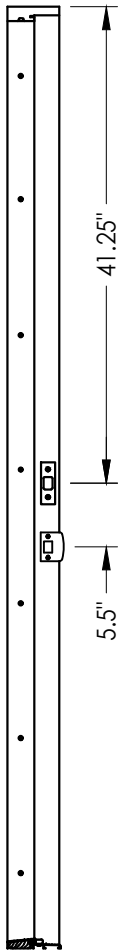
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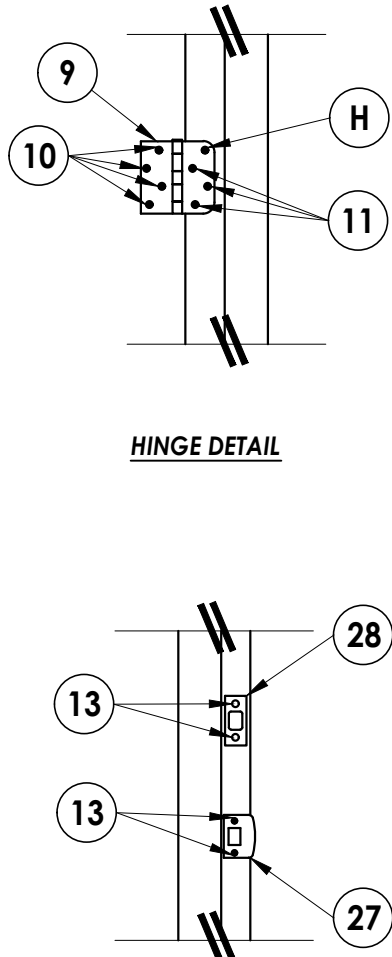
HINGE JAMB



FRAME ANCHORING
Masonry 1X buck construction



STRIKE JAMB



LATCH & DEADBOLT DETAIL

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:

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ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRA CON+®	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.

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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:

FRAME ANCHORING 1X BUCK
MASONRY CONSTRUCTION

NO.	DATE	REVISIONS
4	8/24/23	UPDATE TO 8TH ED. (2023) FBC
3	7/27/20	UPDATE TO 7TH ED. (2020) FBC
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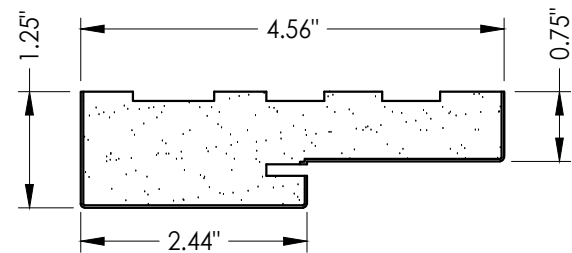
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CHK. BY: LFS

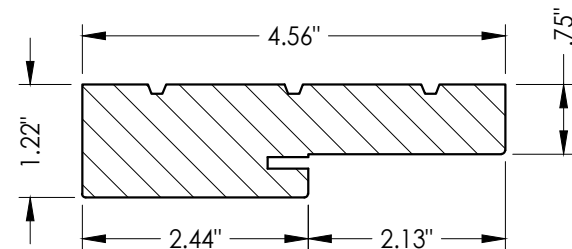
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SHEET 8 OF 9

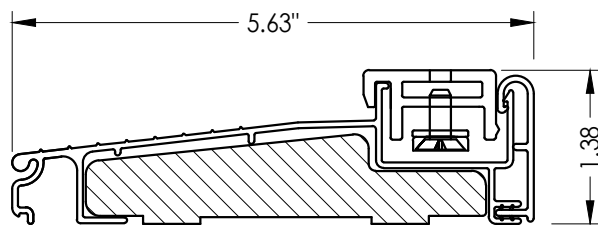
BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	1/4" X 2-3/4" PFH ITW CONCRETE SCREW	STEEL
H	1/4" 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	#10 X 2" PFH WOOD SCREW	STEEL
L	#8 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
M	#8 X 2" PFH WOOD SCREW	STEEL
7	FORCE 5 WEATHER STRIPPING BY ENDURA	FOAM
8	COMPRESSION WEATHER STRIP QLON 650 BY SCHLEGEL	FOAM
9	4" X 4" BUTT HINGE	STEEL
10	#9 X 1" PFH WOOD SCREW	STEEL
11	#9 X 3/4" PFH WOOD SCREW	STEEL
13	#8 X 1-1/2" 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
21	POLYFIBER JAMB	COMP. / VINYL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
29	SIDELITE SPACER	PVC
30	INSWING VINYL DOOR BOTTOM SWEEP BY ENDURA	VINYL
31	OUTSWING BUMP THRESHOLD	ALUM.
32	VINYL DOOR BOTTOM SWEEP #3628 BY HOLM IND.	PVC
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
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	REINFORCEMENT WOOD FOR LOCKS (20" LONG)	WOOD
45	BOTTOM RAIL	CELLULAR/PVC
46	POLYURETHANE FOAM BY NAN YA	POLYURETHANE
47	CONTINUOUS LATCH & HINGE STILE REINFORCEMENT	WOOD
49	GLAZING COMPOUND	SILICONE
50	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	SILICONE
51	SIDELITE TOP & BOTTOM RAIL BY NAN YA	CELLULAR/PVC
55	LIP LITE ODL/WESTERN REFLECTIONS HP	POLYPROPYLENE
56	ALUM. GLAZING SPACER	ALUM.
57	#8 x 1-1/2" PFH LITE FRAME SCREW	STEEL



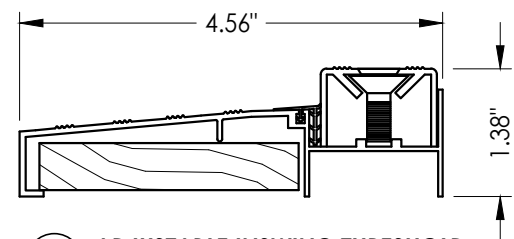
21 HEAD & SIDE
Poly fiber jamb



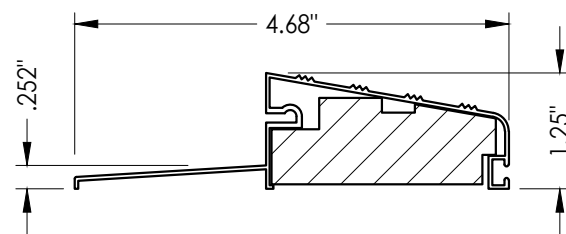
20 **HEAD & SIDE**
Jamb



33 ADJUSTABLE INSWING THRESHOLD



34 ADJUSTABLE INSWING THRESHOLD



31 OUTSWING BUMP THRESHOLD

DATE: 02/16/12					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-15213.15					
SHEET 9 OF 9					
		NO.		DATE	
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2				JK	
1				BY	
REVISONS					
PRODUCT:					
PLASTPRO INC. FIBERGLASS DOOR					
PART OR ASSEMBLY: BILL OF MATERIALS, GLAZING DETAIL & COMPONENTS					
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					