



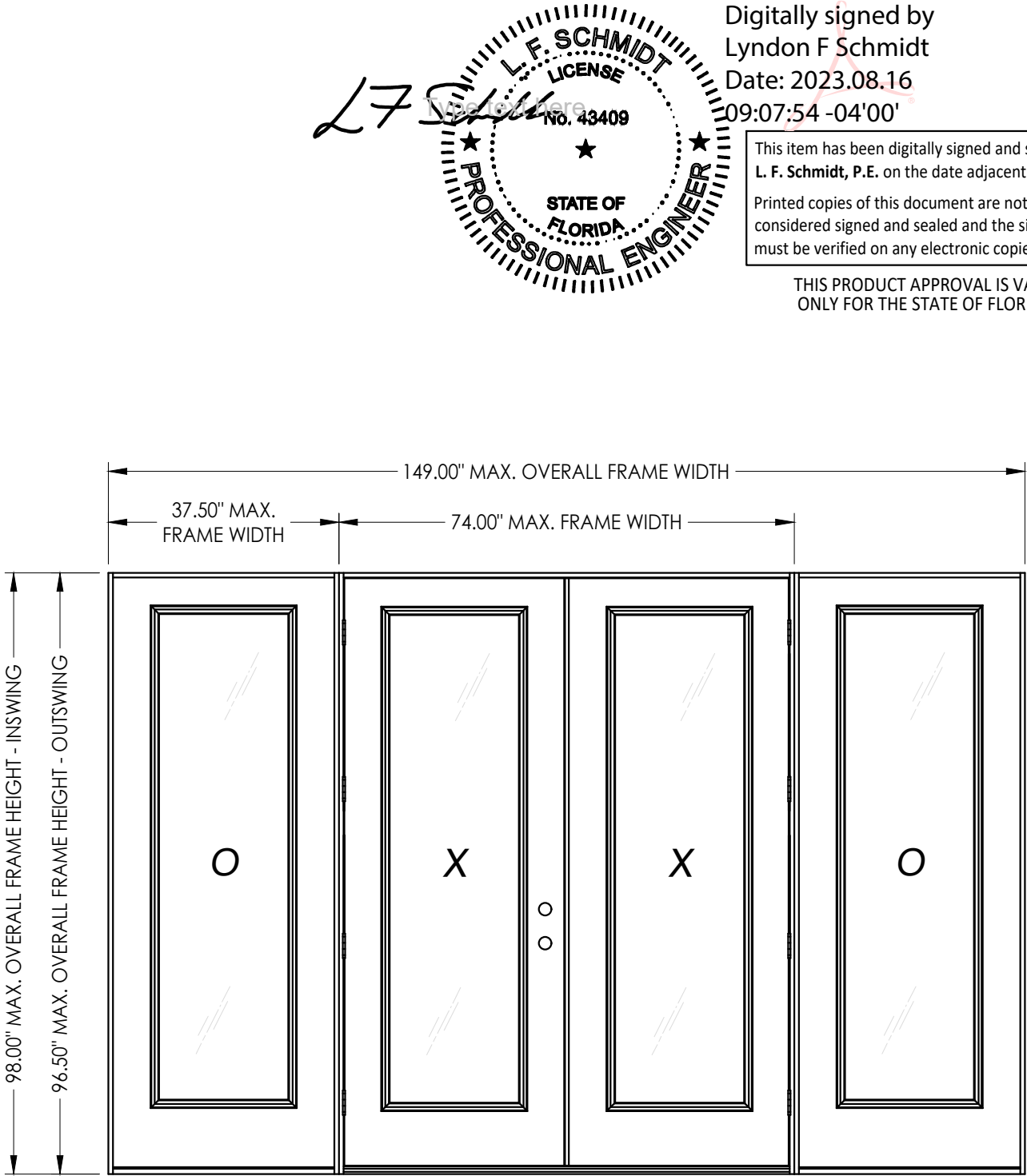
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

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

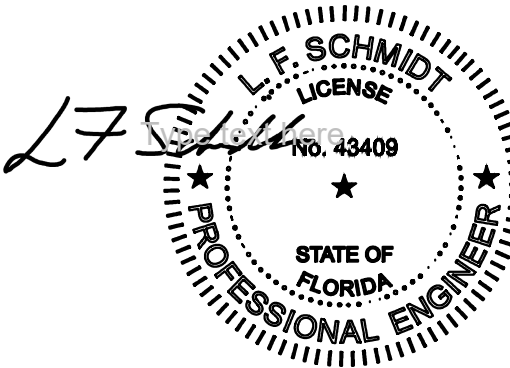
GENERAL NOTES

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.

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SHEET #	DESCRIPTION
1	Typical elevation, design pressures, & general notes
2	Door panel details
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8	Frame anchoring - 2X buck masonry construction
9	Frame anchoring - 1X buck masonry construction
10	Endura astragal details
11	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	149.00" x 98.00"	21.00" x 79.00"	21.00" x 79.00"	G1	+45.0	-45.0
OUTSWING	149.00" x 96.50"	21.00" x 79.00"	21.00" x 79.00"		+45.0	-45.0



Digitally signed by
Lyndon F Schmidt
Date: 2023.08.16
09:07:54 -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

48/15/23
UPDATE TO 8TH ED. (2023) FBC

38/05/20
UPDATE TO 7TH ED. (2020) FBC

27/25/17
UPDATE TO 6TH ED. (2017) FBC

104/22/15
UPDATE TO 5TH ED. (2014) FBC

NO

DATE

REVISIONS

DATE: 02/15/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

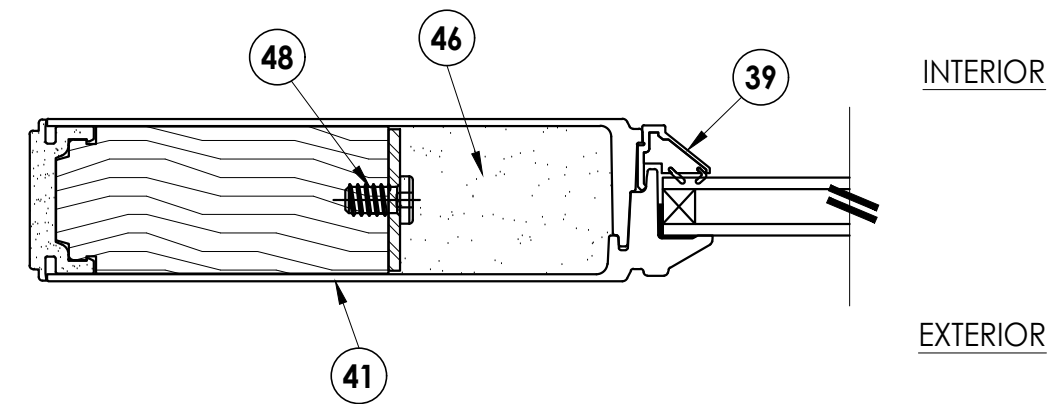
DRAWING NO.: FL-15215.10

SHEET 1 OF 11

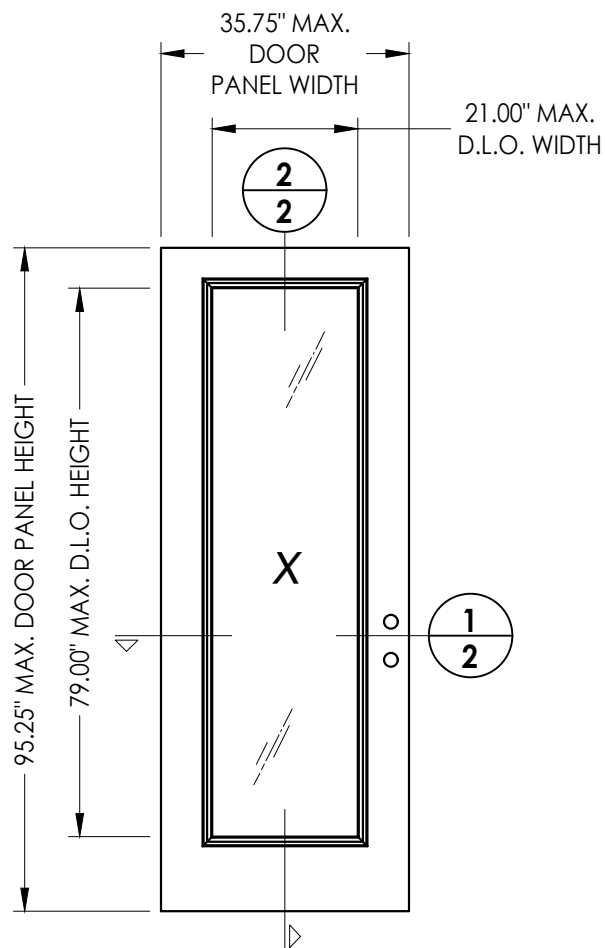
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

© 2012 R.W. BUILDING CONSULTANTS INC.

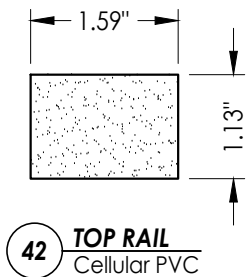
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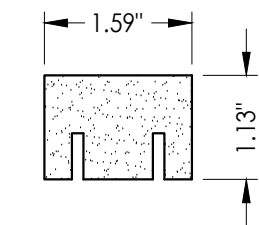
1
2 **HORIZONTAL CROSS SECTION**



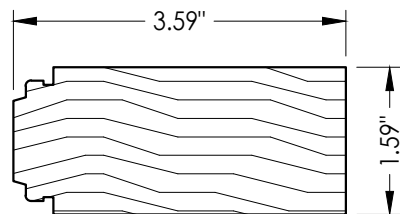
40 **DOOR PANEL**



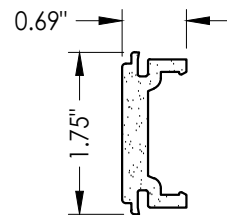
42 **TOP RAIL**
Cellular PVC



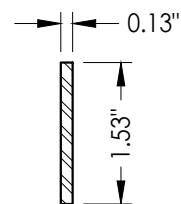
45 **BOTTOM RAIL**
Cellular PVC



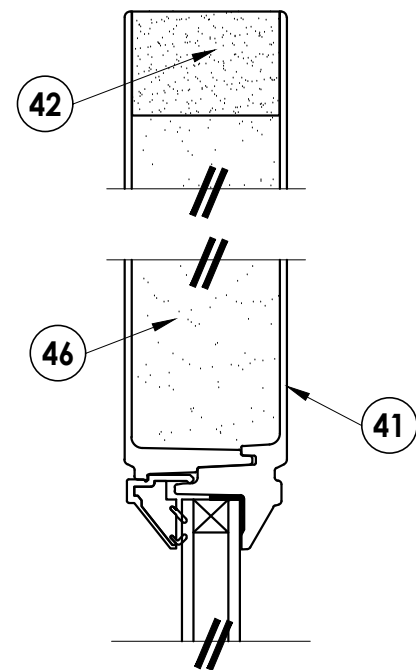
44 **LATCH & HINGE**
Stile support



43 **LATCH & HINGE STILE**
Cellular PVC



47 **STILE REINFORCEMENT**



2
2 **VERTICAL CROSS SECTION**

PRODUCT:		PLASTPRO INC.		FIBERGLASS DOOR	
PART OR ASSEMBLY:		DOOR PANEL DETAILS			
NO.	DATE	REVISIONS	BY	JK	JK
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

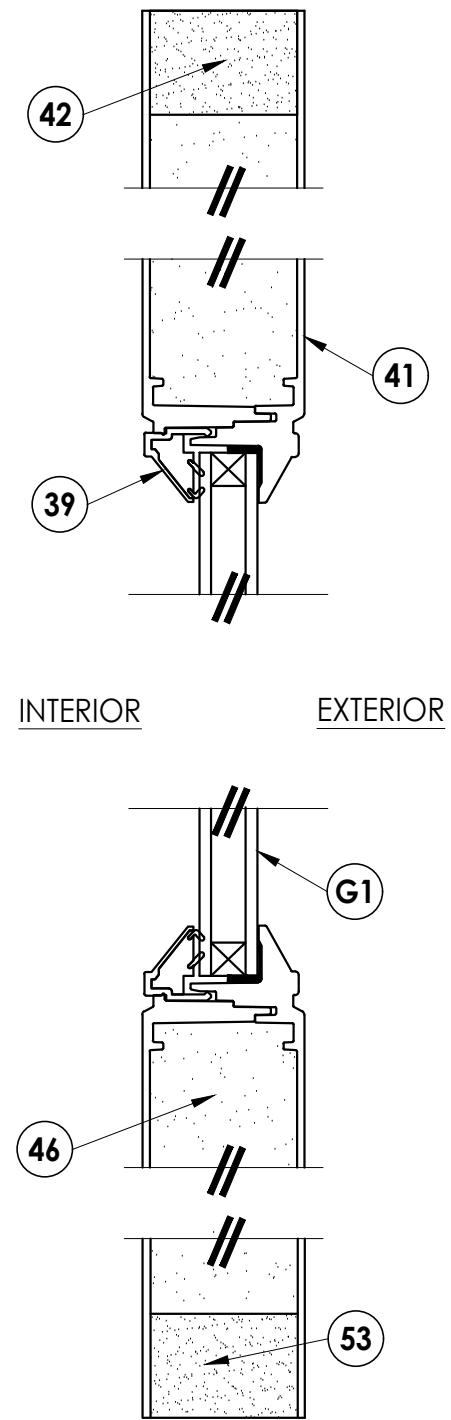
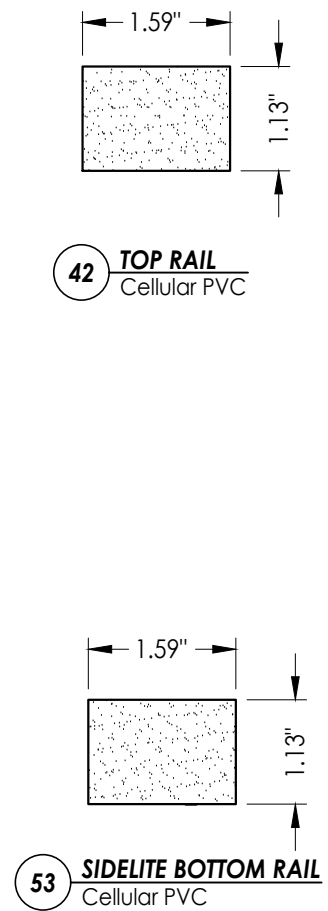
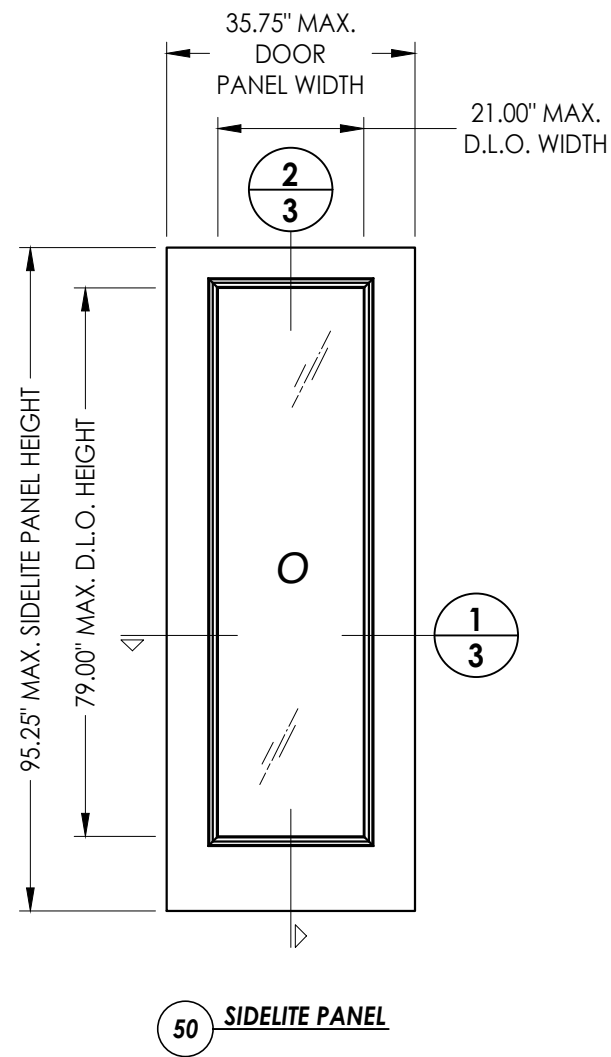
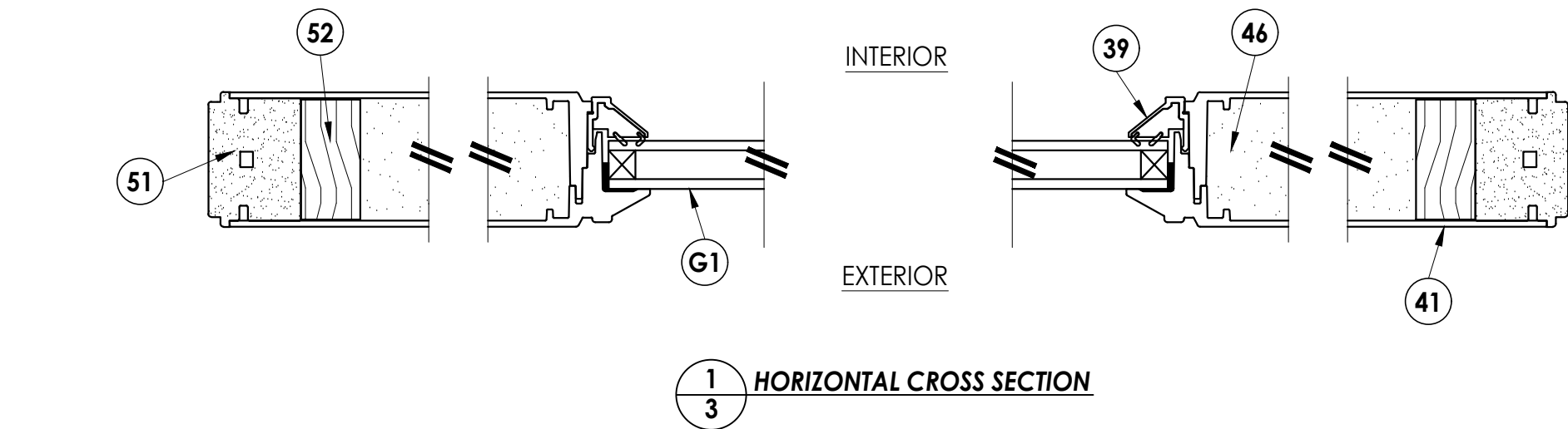
CHK. BY: LFS

DRAWING NO.: FL-15215.10

SHEET 2 OF 11

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

RW BUILDING CONSULTANTS, INC.
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Phone No.: 813.659.9197
FBPE Registry No. 9813

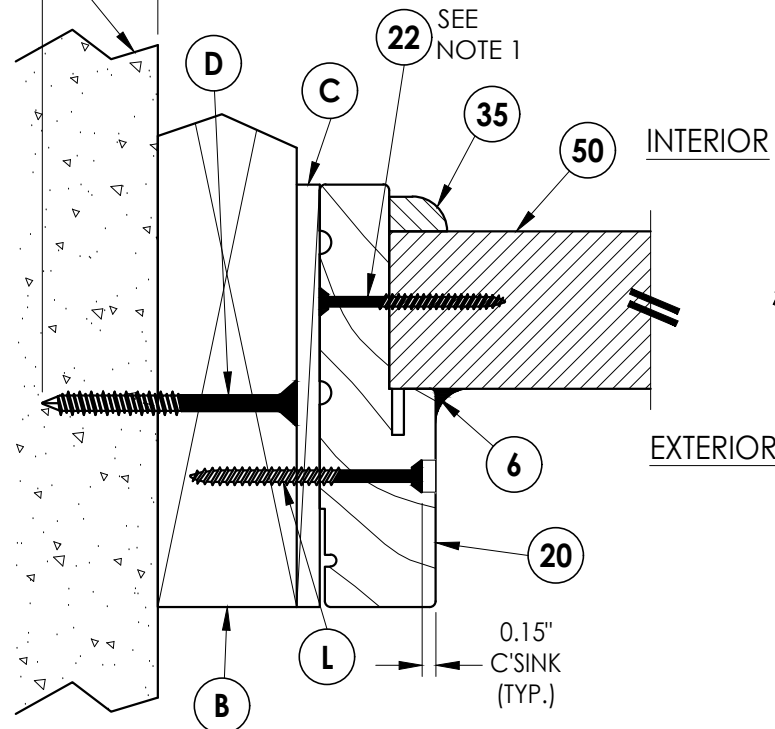


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3	8/05/20	UPDATE TO 7TH ED.	(2020)	FBC	DAC	
2	7/25/17	UPDATE TO 6TH ED.	(2017)	FBC	JK	
1	04/22/15	UPDATE TO 5TH ED.	(2014)	FBC	JK	
NO.	DATE				BY	
					REVISIONS	
DATE: 02/15/12						
SCALE: N.T.S.						
DWG. BY: JK						
CHK. BY: LFS						
DRAWING NO.: FL-15215.10						
SHEET 3 OF 11						

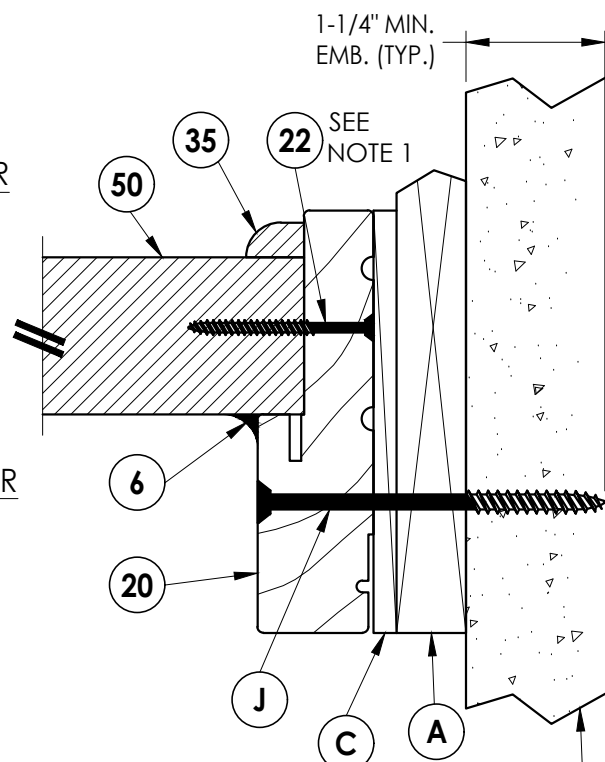
Documents Prepared By:
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1-1/4" MIN.
EMB. (TYP.)



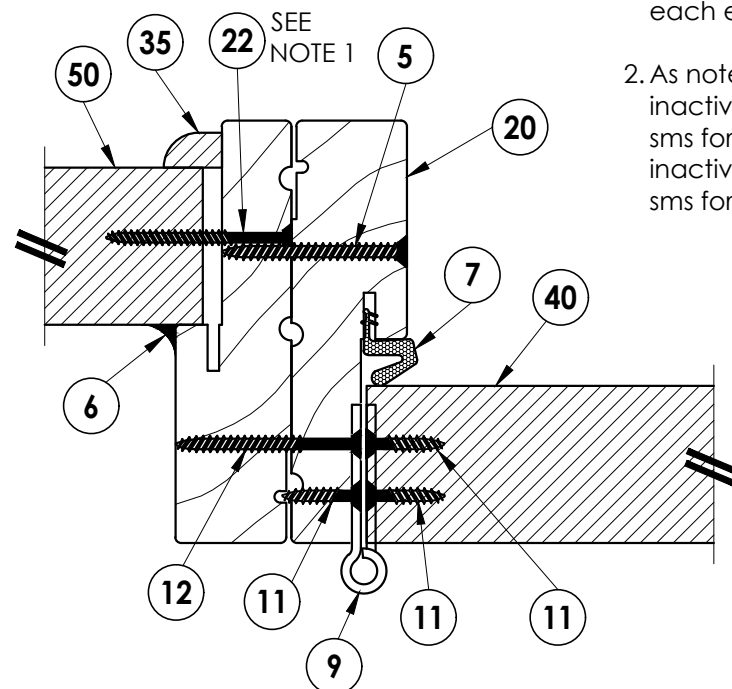
1 **HORIZONTAL CROSS SECTION**
4 Outswing shown - inswing
also approved



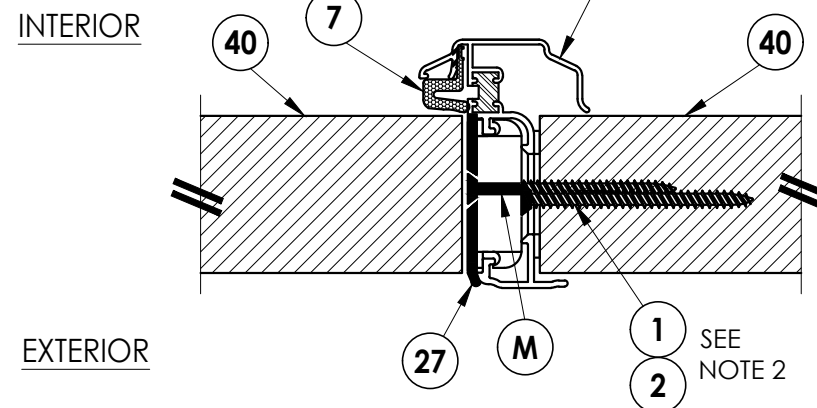
6 **HORIZONTAL CROSS SECTION** **E**
4 Shown w/1X sub-buck

NOTE:

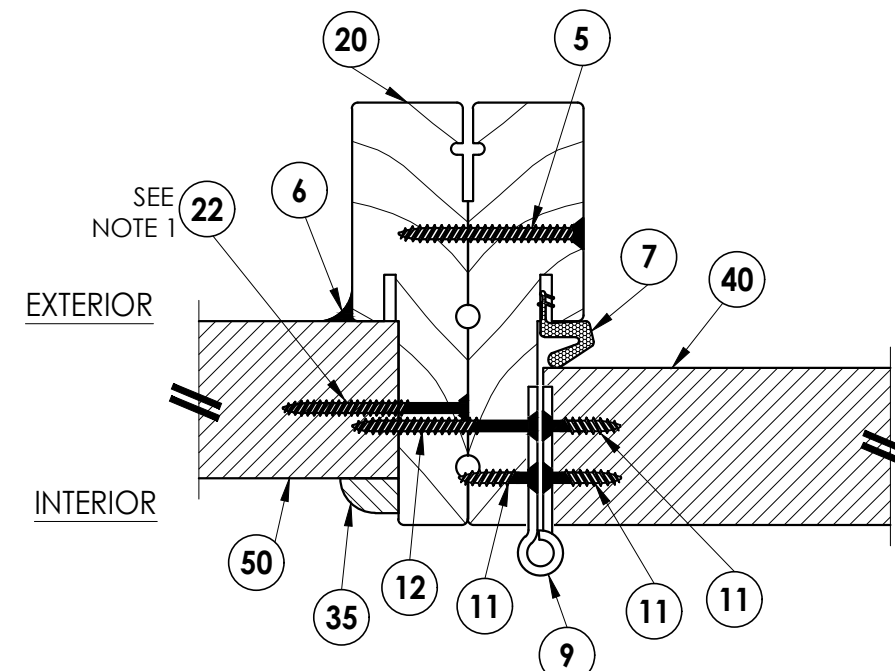
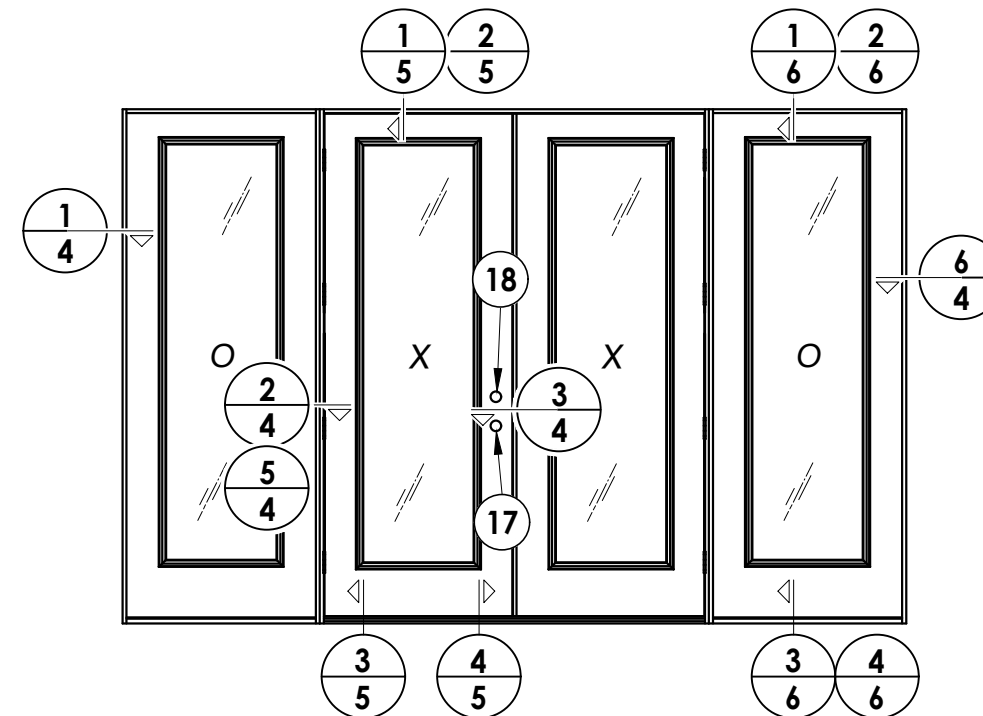
1. Sidelite panel secured to the sidelite frame with (6) of item #22 located 5", 22.05", 39.10", 56.15", 73.2" & 90.25" from top of each jamb and (2) of item #22 in the head and sill 3" from each end.
2. As noted in the test report astragal was attached to the inactive leaf with (11) #8 x 3" psh sms and (6) #10 x 2-1/2" pfh sms for all 8'-0" (outswing). Astragal was attached to the inactive leaf with (13) #8 x 3" psh sms and (6) #10 x 2-1/2" pfh sms for all 8'-0" (inswing).



2 4 **HORIZONTAL CROSS SECTION** Outswing configuration



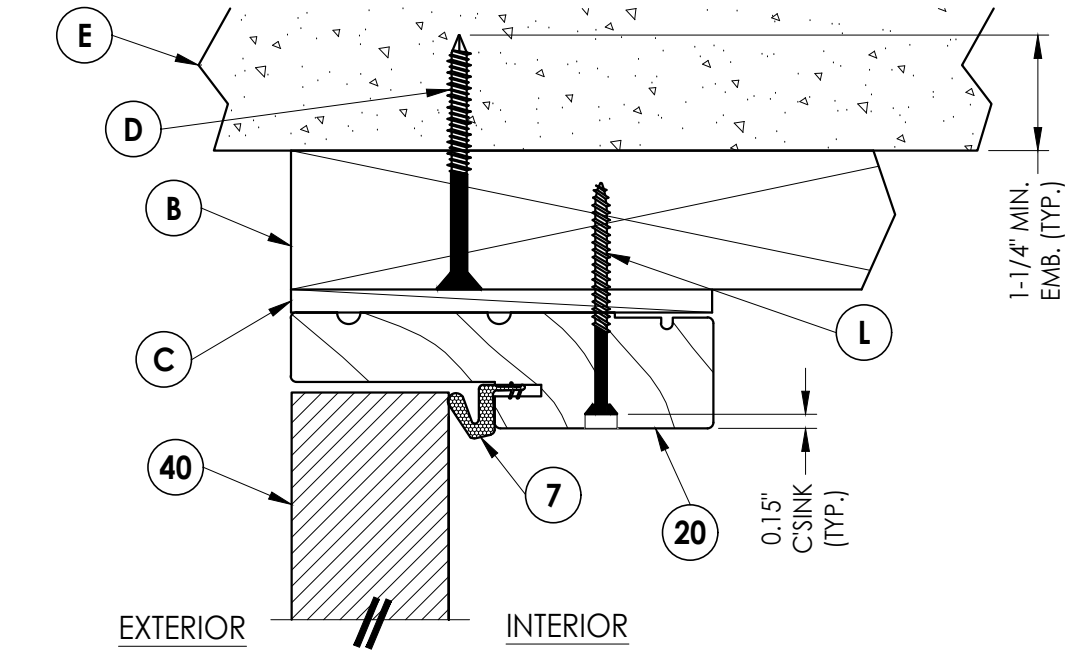
3 HORIZONTAL CROSS SECTION
4 Outswing shown - inswing
 also approved



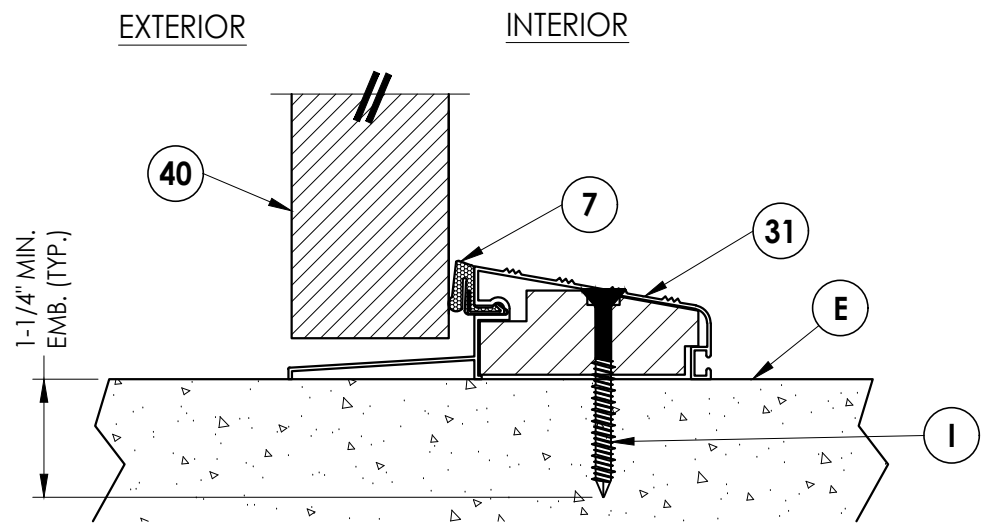
5 HORIZONTAL CROSS SECTION
4 Inswing configuration

PRODUCT: PLASTPRO INC. FIBERGLASS DOOR		PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS	
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-15215.10			
SHEET 4 OF 11			

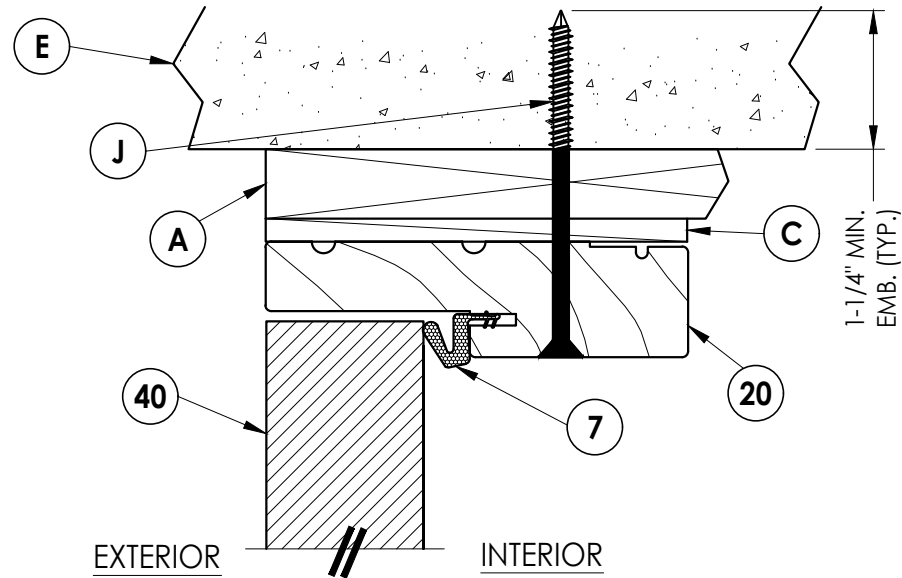
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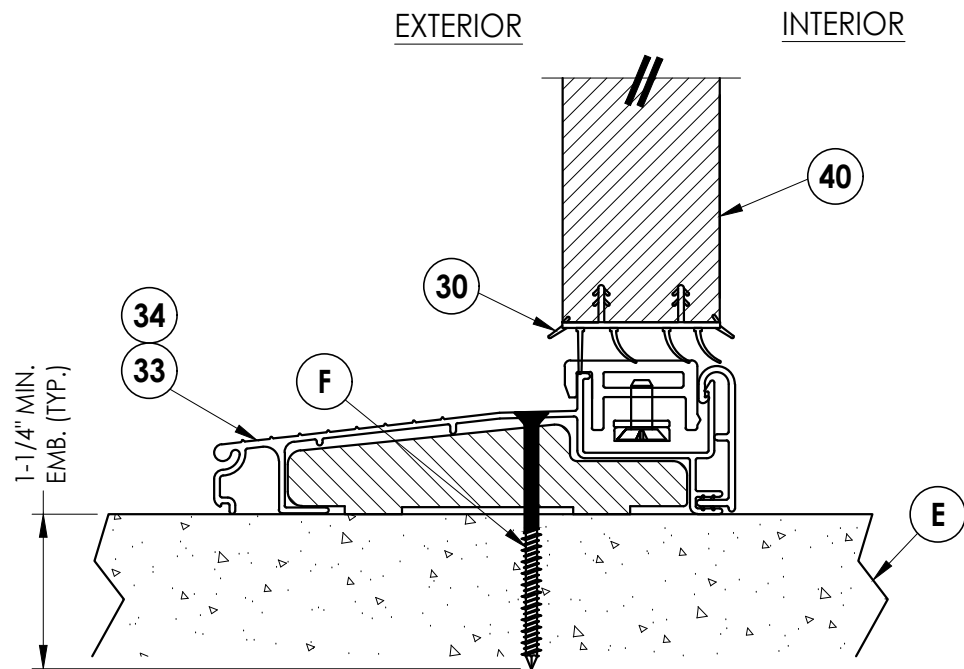
1 **VERTICAL CROSS SECTION**
5 Outswing shown - inswing
also approved



3 **VERTICAL CROSS SECTION**
5 Outswing configuration



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



4 **VERTICAL CROSS SECTION**
5 Inswing configuration

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			
		BY	CHK	DATE	DESCRIPTION
4	8/15/23	LFS	FBC		UPDATE TO 8TH ED. (2023)
3	8/05/20	DAC	FBC		UPDATE TO 7TH ED. (2020)
2	7/25/17	JK	FBC		UPDATE TO 6TH ED. (2017)
1	04/22/15	JK	FBC		UPDATE TO 5TH ED. (2014)

DATE: 02/15/12

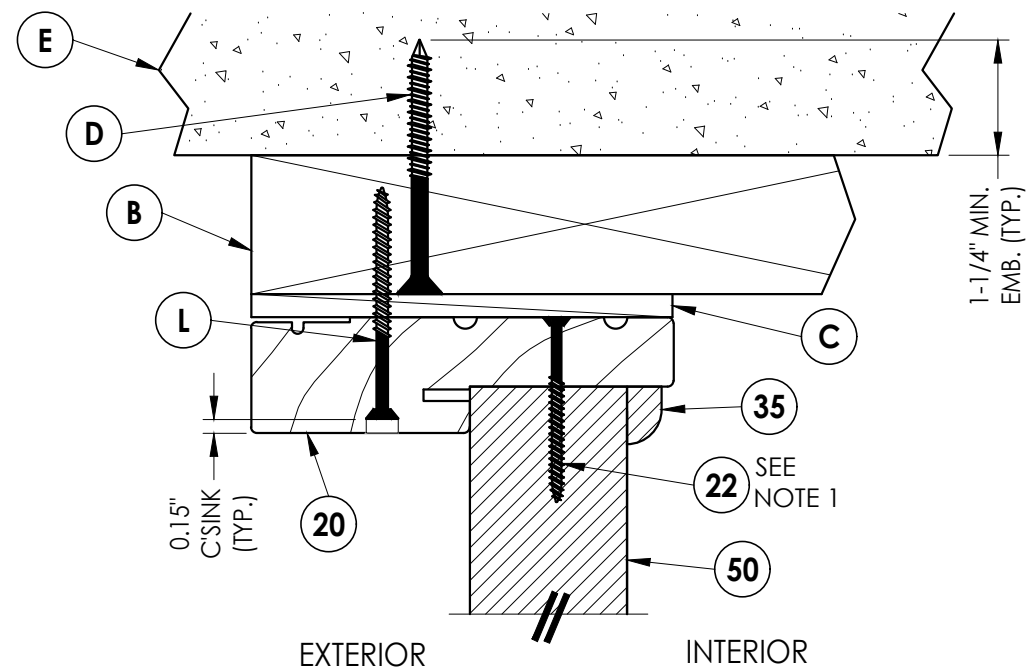
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DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15215.10

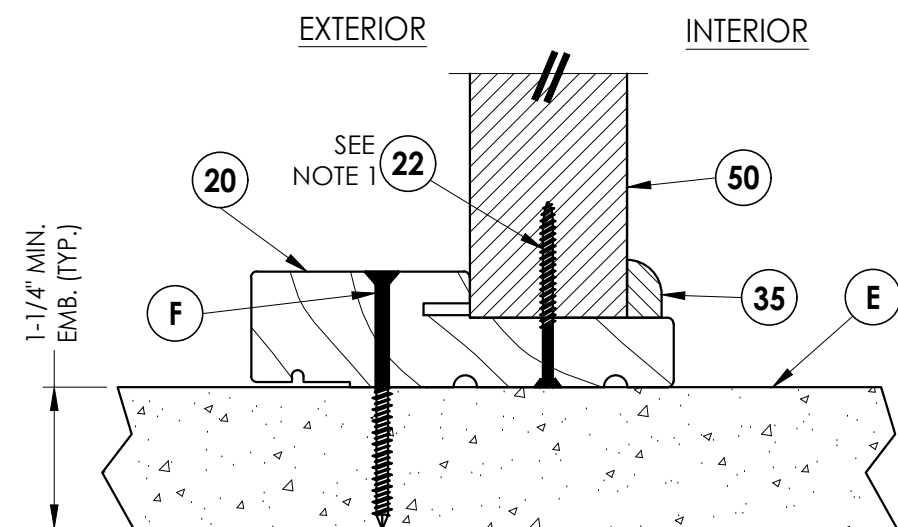
SHEET 5 OF 11



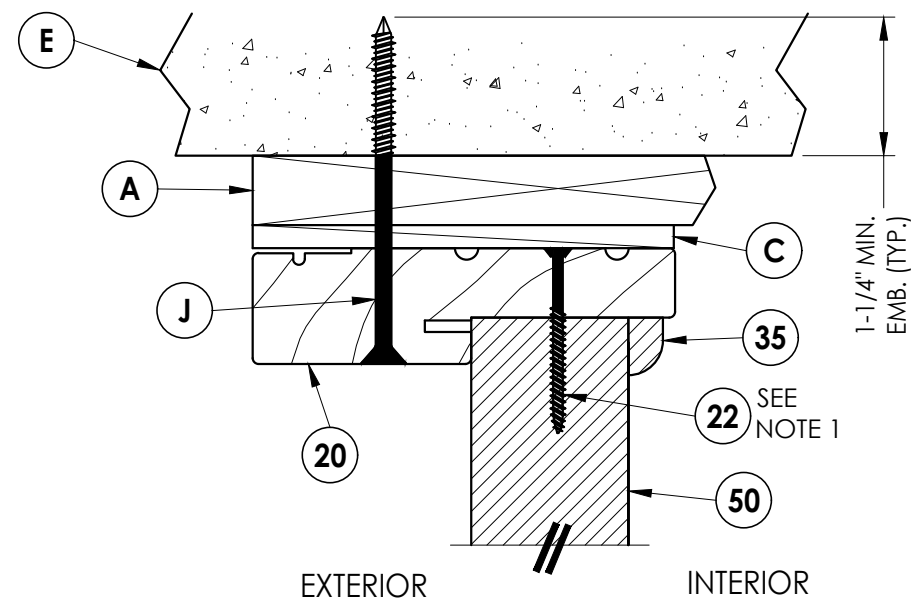
1 **VERTICAL CROSS SECTION**
6 Outswing shown - inswing
also approved

NOTE:

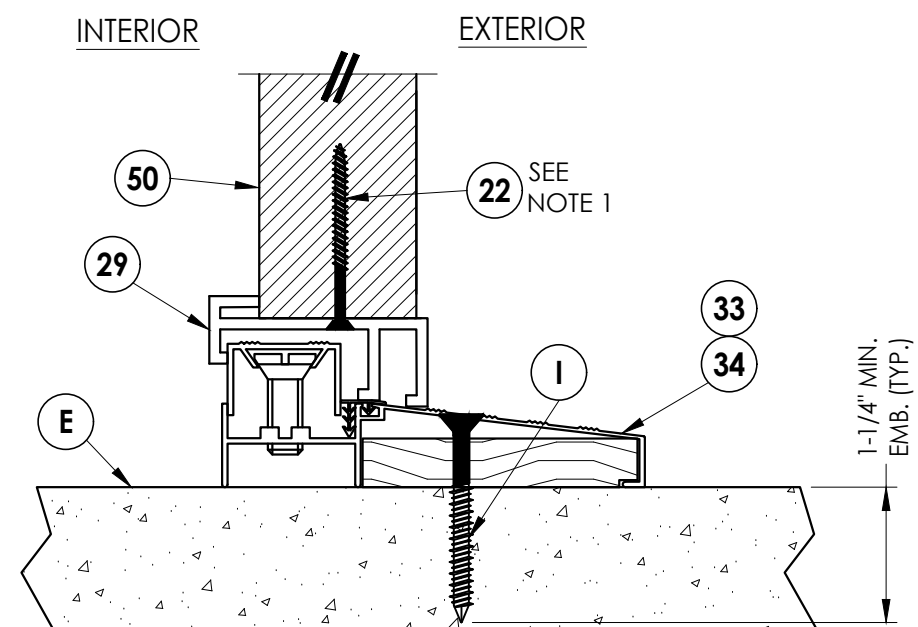
1. Sidelite panel secured to the sidelite frame with (6) of item #22 located 5", 22.05", 39.10, 56.15", 73.2", & 90.25" from top of each jamb and (2) of item #22 in the head and sill 3" from each end



3 VERTICAL CROSS SECTION



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



4 VERTICAL CROSS SECTION
6 Inswing configuration

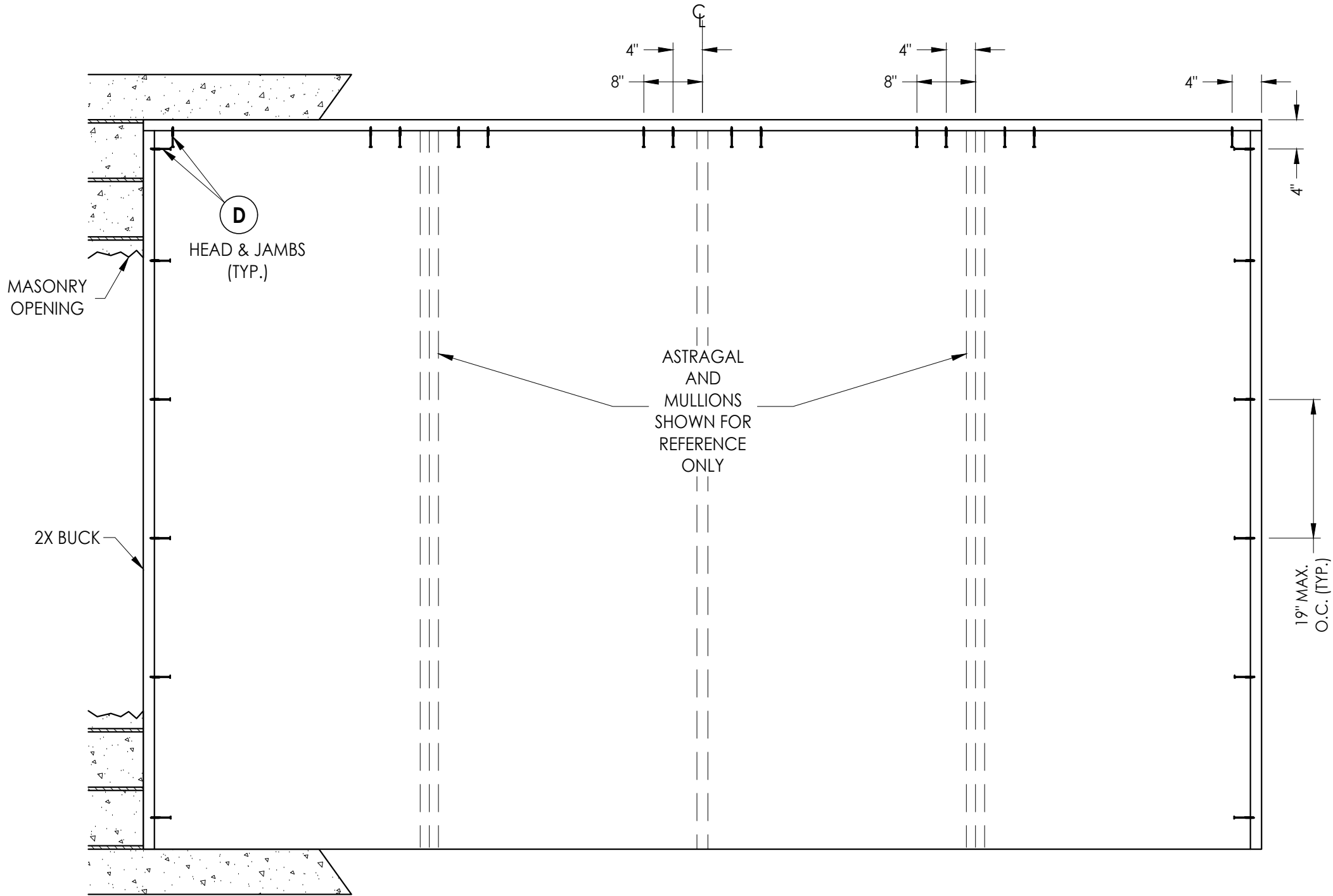
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3	8/05/20	UPDATE TO 7TH ED.	(2020)	FBC	DAC
2	7/25/17	UPDATE TO 6TH ED.	(2017)	FBC	JK
1	04/22/15	UPDATE TO 5TH ED.	(2014)	FBC	JK
NO.	DATE				
		REVISIONS			

DATE:	02/15/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15215.10
SHEET	6 OF 11

Documents Prepared By:
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P.E. No. 43409

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Phone No.: 813.659.9197
FBPE Registry No. 9813

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CONCRETE ANCHOR NOTES:

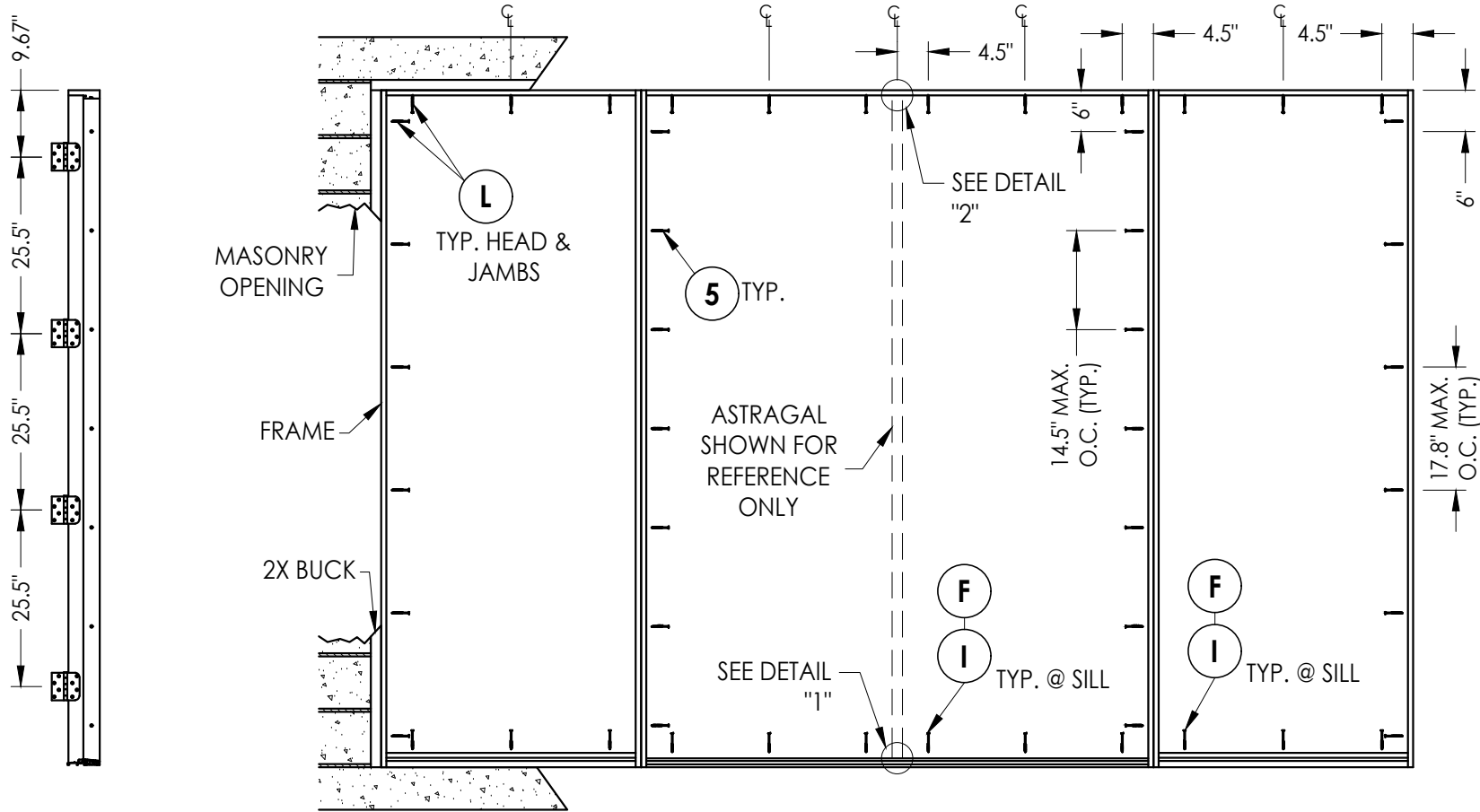
- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON 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"

BUCK ANCHORING

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		PRODUCT: PLASTPRO INC. FIBERGLASS DOOR		REVISIONS	
RW 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	
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-15215.10					
SHEET 7 OF 11					

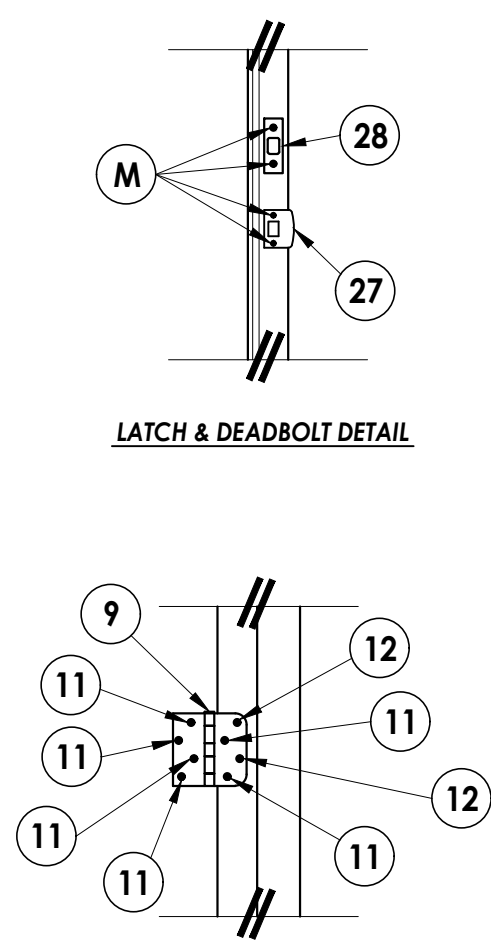
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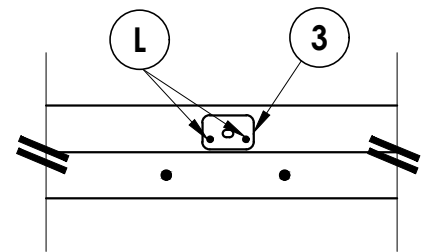
HINGE JAMB

FRAME ANCHORING
Masonry 2X buck construction

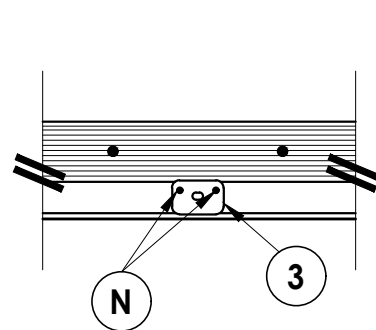
ASTRAGAL STRIKE JAMB



HINGE DETAIL

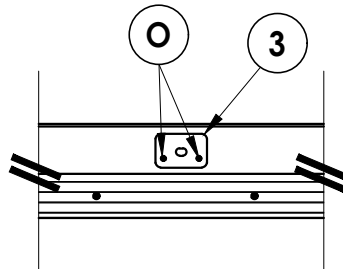


DETAIL 2



DETAIL 1

Inswing configuration



DETAIL 1

Outswing configuration

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"
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:
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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 2X BUCK
MASONRY CONSTRUCTION

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.

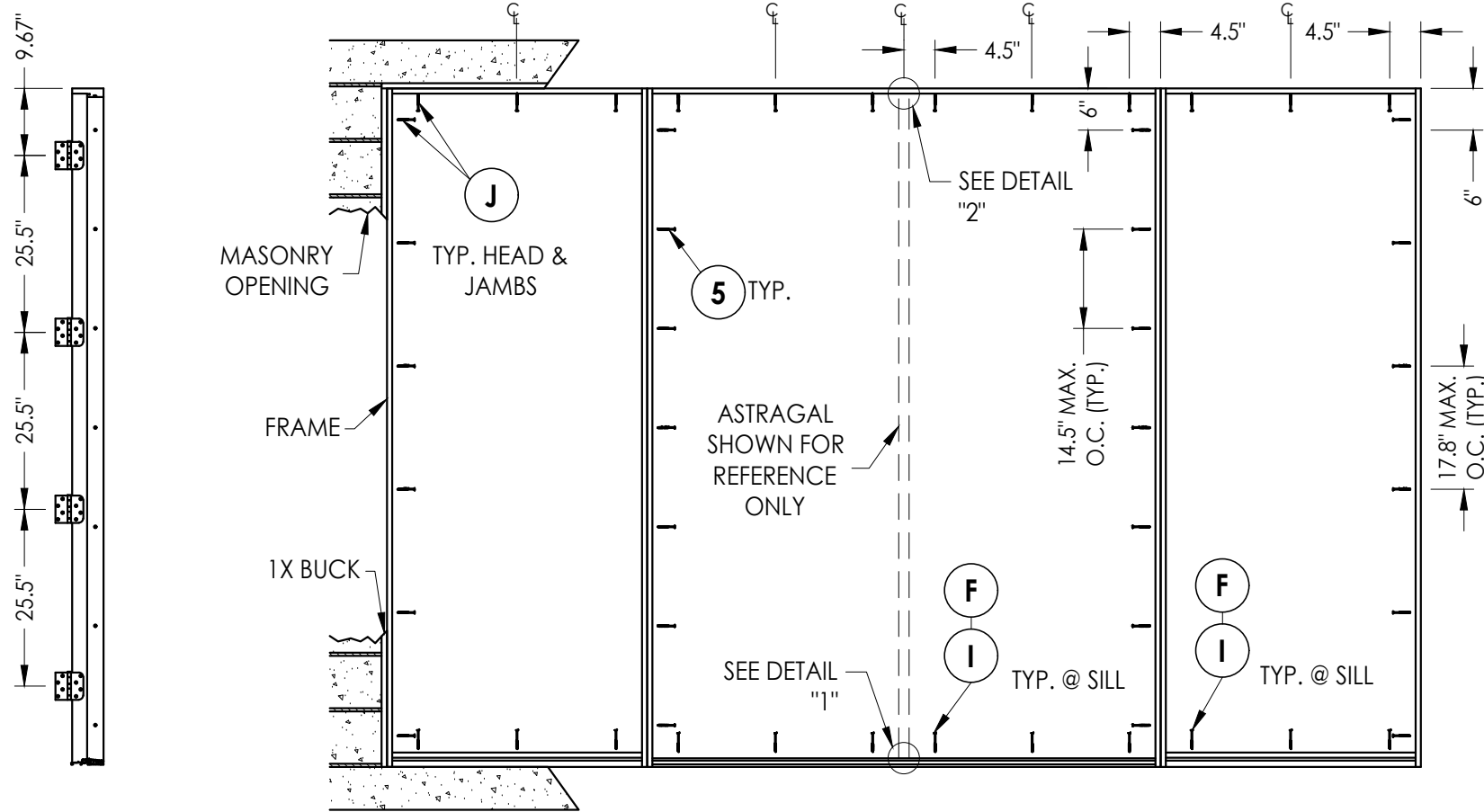
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15215.10

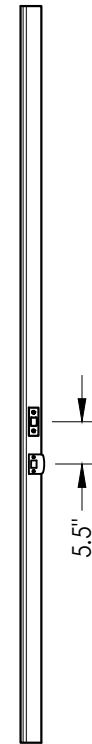
SHEET 8 OF 11

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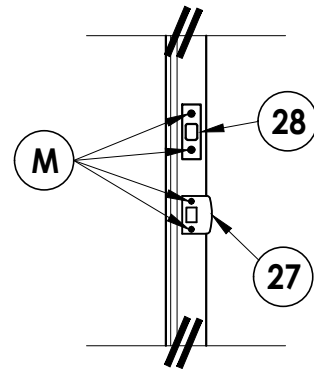


HINGE JAMB

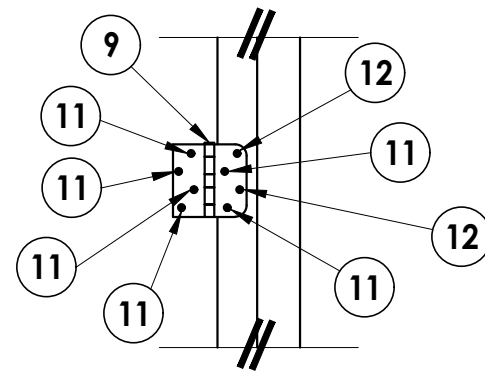
FRAME ANCHORING
Masonry 1X buck construction



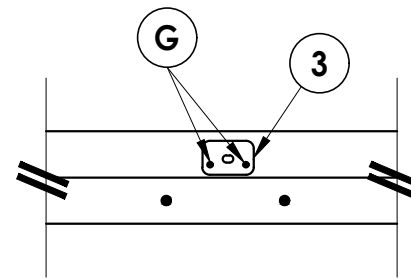
ASTRAGAL STRIKE JAMB



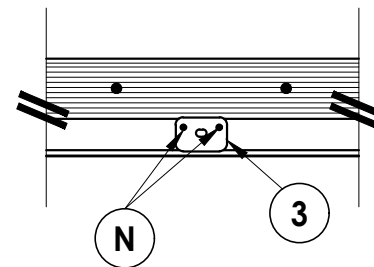
LATCH & DEADBOLT DETAIL



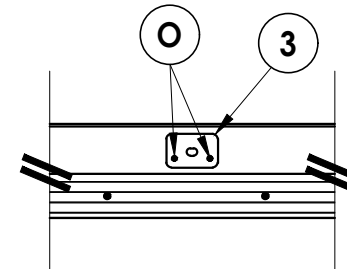
HINGE DETAIL



DETAIL 2



DETAIL 1
Inswing configuration



DETAIL 1
Outswing configuration

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. O.C. (TYP.)" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. O.C. (TYP.)" 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"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

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.

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:
FRAME ANCHORING 1X BUCK
MASONRY CONSTRUCTION

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.

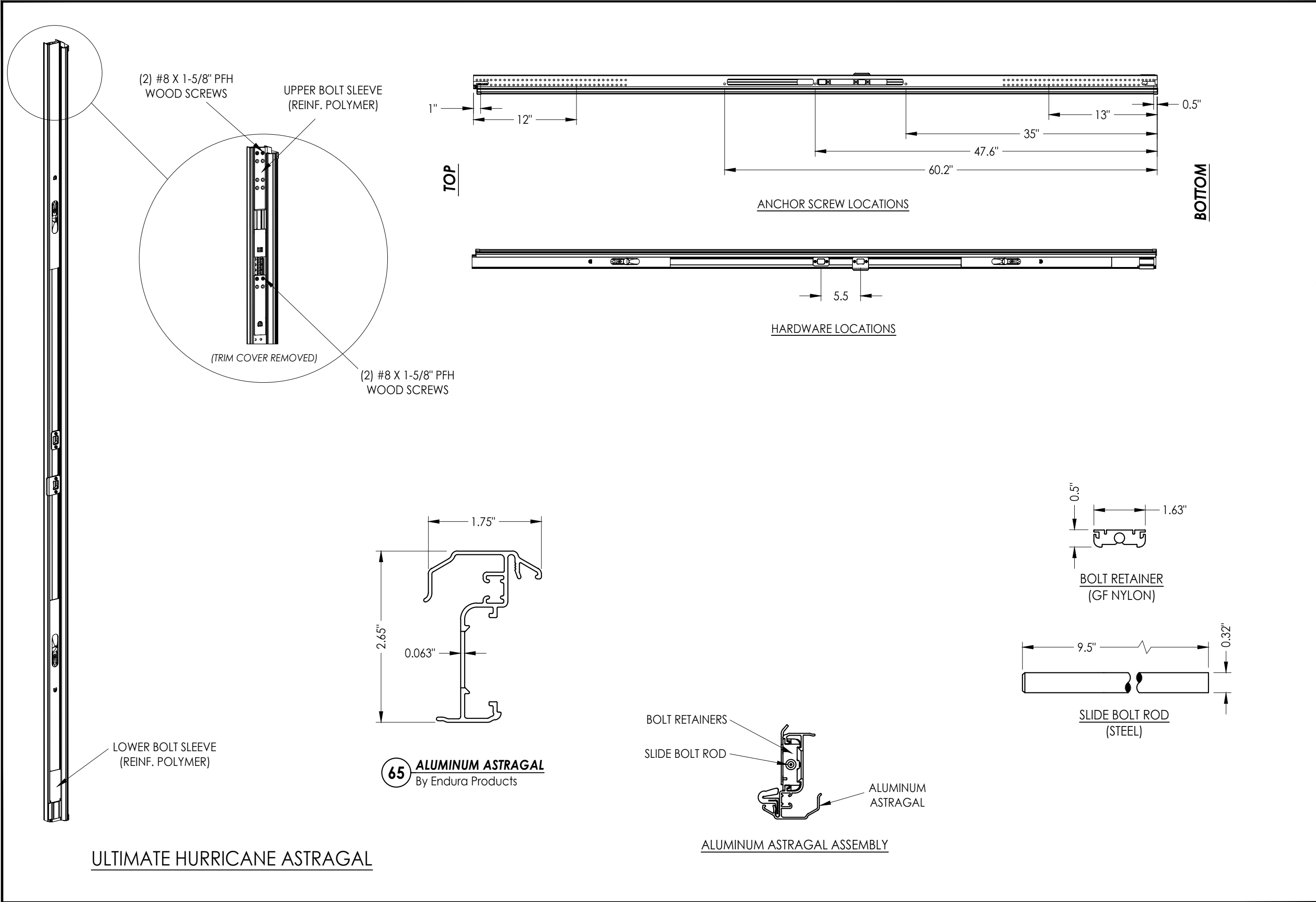
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15215.10

SHEET 9 OF 11

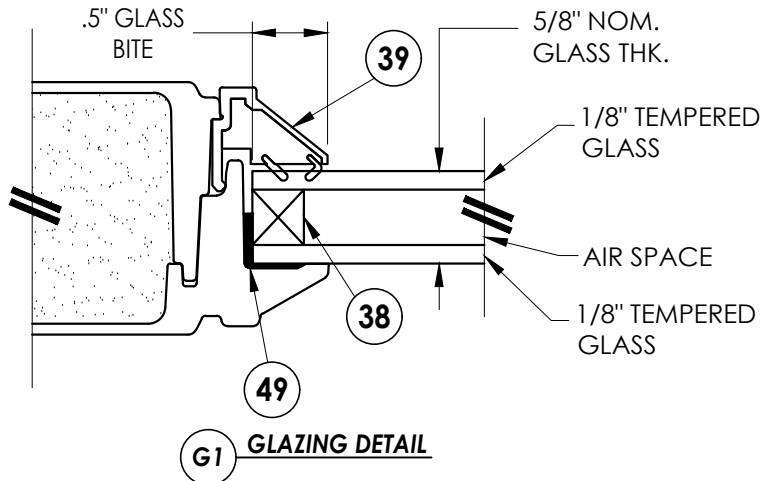
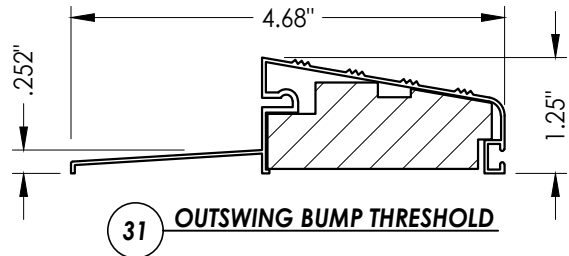
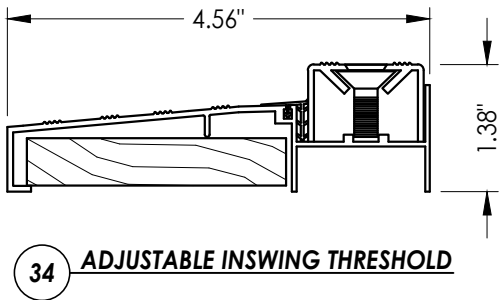
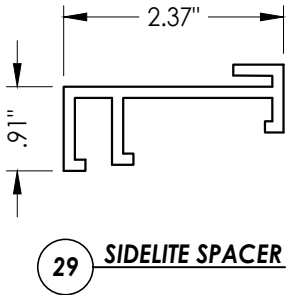
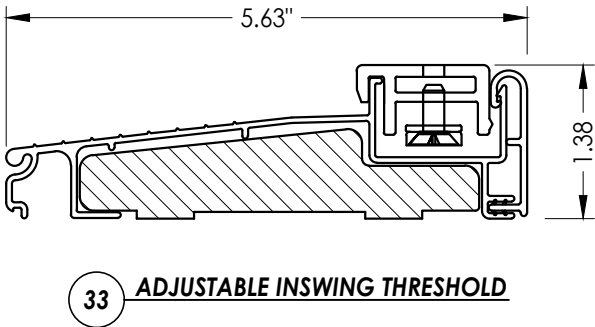
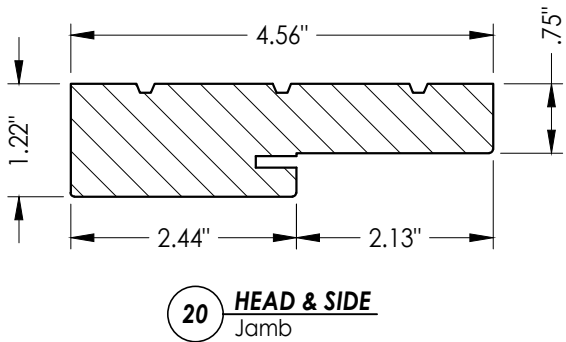
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Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: PLASTPRO INC. FIBERGLASS DOOR		PART OR ASSEMBLY: ENDURA ASTRAGAL DETAILS	
4	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			
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DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15215.10			
SHEET 10 OF 11			

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BILL OF MATERIALS					
ITEM	DESCRIPTION	MATERIAL	ITEM	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD	27	LATCH STRIKE PLATE	STEEL
B	2X BUCK SG >= 0.55	WOOD	28	DEADBOLT STRIKE PLATE	STEEL
C	1/4" MAX. SHIM SPACE	-	29	SIDELITE SPACER	PVC
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL	30	WEATHER-STOP 3647 HOLM INDUSTRIES	VINYL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE	31	OUTSWING BUMP THRESHOLD	ALUM. / WOOD
			33	INSWING ADJUSTABLE THRESHOLD BY ENDURA	ALUM. / WOOD
F	1/4" X 2-3/4" PFH ITW CONCRETE SCREW	STEEL	34	INSWING ADJUSTABLE ALUMINUM THRESHOLD BY DLP	ALUM. / WOOD
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL	35	SHOE MOULD 5/8" X 3/8"	WOOD
I	1/4" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL	38	GLAZING SPACER	ALUM.
J	1/4" X 3-3/4" PFH ITW CONCRETE SCREW	STEEL	39	GLAZING BEAD	PVC
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL	40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
M	#9 X 2-1/4" PFH WOOD SCREW	STEEL	41	DOOR SKIN (MIN. 0.095" THICK)	FIBERGLASS
N	3/16" X 3-1/2" PFH ITW CONCRETE SCREW	STEEL	42	TOP RAIL	CELLULAR PVC
O	3/16" X 1-1/2" PFH ITW CONCRETE SCREW	STEEL	43	LATCH & HINGE STILE	CELLULAR PVC
1	#10 X 2-1/2" PFH SMS	STEEL	44	LOCK REINFORCEMENT	WOOD
2	#8 X 3" PSH SMS	STEEL	45	BOTTOM RAIL	CELLULAR PVC
3	FLUSH BOLT STRIKE PLATE	STEEL	46	POLYURETHANE FOAM	POLYURETHANE
5	#10 X 2" PFH SCREW	STEEL	47	CONTINUOUS LATCH & HINGE STILE REINFORCEMENT	WOOD
6	SEALANT	SILICONE	48	REINFORCEMENT RETAINING SCREW	NYLON
7	Q-LON 650 WEATHERSTRIP SCHLEGEL	FOAM	49	GLAZING COMPOUND DOW 995	SILICONE
9	4" X 4" BUTT HINGE	STEEL	50	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
10	NOT USED	-	51	SIDELITE STILE	CELLULAR PVC
11	#9 X 3/4" PFH WOOD SCREW	STEEL	52	SIDELITE STILE SUPPORT	WOOD
12	#9 X 2" PFH WOOD SCREW	STEEL	53	SIDELITE BOTTOM RAIL	CELLULAR PVC
17	KWIKSET KEYED ENTRY - SIGNATURE SERIES	STEEL	65	ASTRAGAL (ENDURA)	ALUMINUM
18	KWIKSET DEADBOLT - SIGNATURE SERIES (780)	STEEL			
20	FINGER JOINTED PINE FRAME, HEAD & HINGE JAMBS	WOOD			
22	#8 X 2" PFH WOOD SCREW	STEEL			



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PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR	BILL OF MATERIALS, GLAZING DETAIL & COMPONENTS	
	PART OR ASSEMBLY:		
	LFS	DATE	REVISIONS
4	8/15/23	UPDATE TO 8TH ED. (2023)	FBC
3	8/05/20	UPDATE TO 7TH ED. (2020)	FBC
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1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC
	NO.	DATE	
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DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15215.10			
SHEET 11 OF 11			