



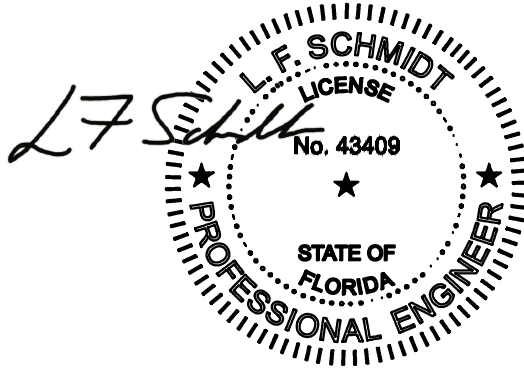
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

ONELITE SERIES
FLUSH GLAZED FIBERGLASS DOORS
w/ SIDELITES
INSWING / 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 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 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.
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.

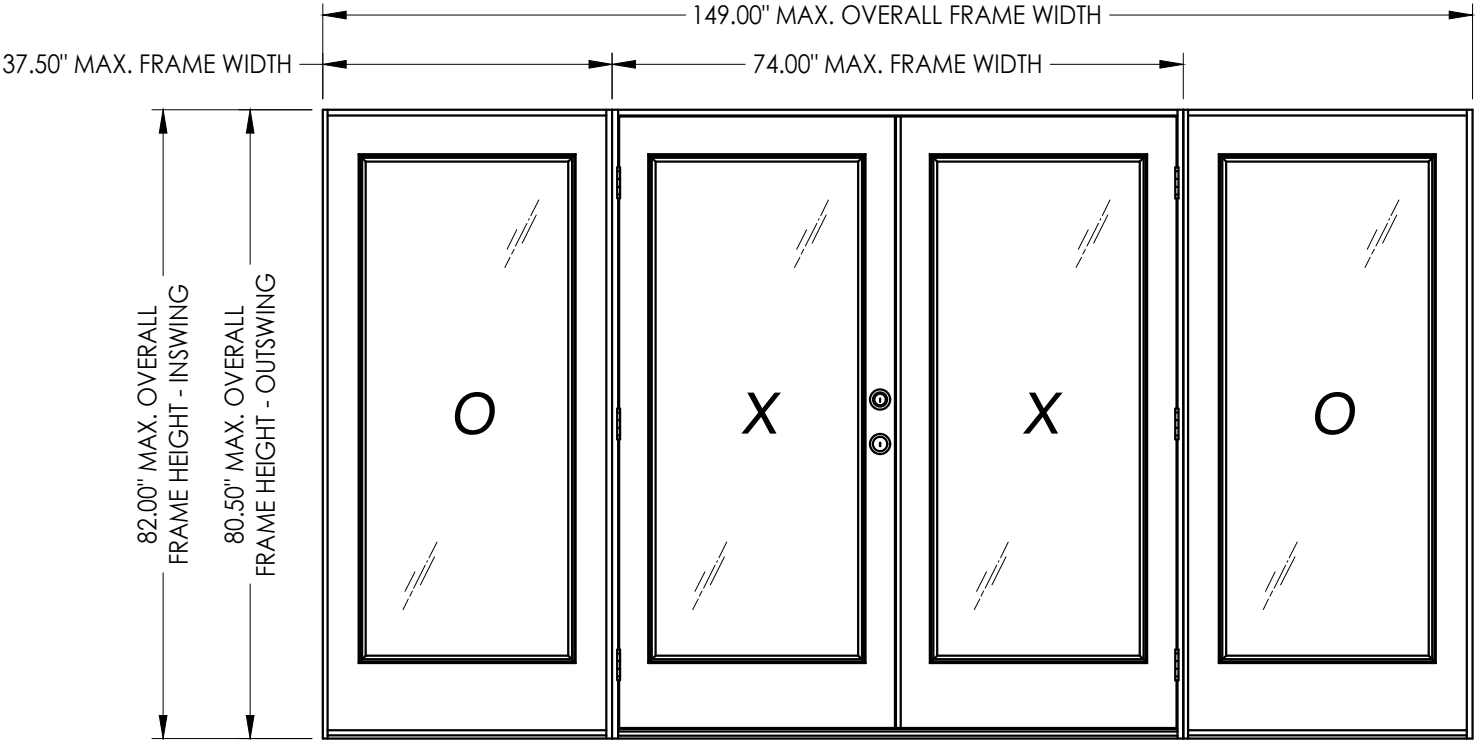
TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevation, design pressures, & general notes
2	Door panel details
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4	Horizontal cross sections
5	Vertical cross sections
6	Vertical cross sections
7	Buck anchoring
8	Frame anchoring 2x buck masonry construction
9	Frame anchoring 1X buck masonry construction
10	Endura astragal details
11	Bill of materials, glazing detail & components



Digitally signed by Lyndon F Schmidt
Date: 2026.07.31 09:15:14 -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	149.00" x 82.00"	26.25" x 65.93"	7.00" x 65.93"	G1	+50.0	-50.0
OUTSWING	149.00" x 80.50"	26.25" x 65.93"	7.00" x 65.93"		+50.0	-50.0

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

PLASTPRO INC.
FIBERGLASS DOOR

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

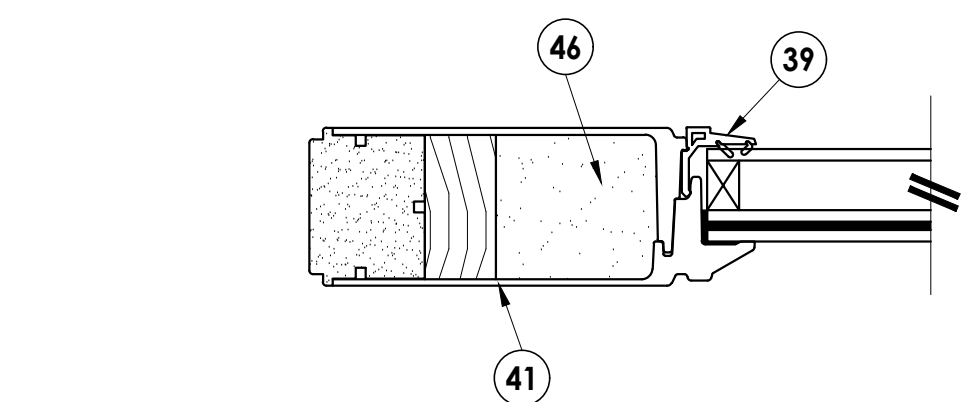
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5	8/15/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
4	8/05/20	UPDATE TO 7TH ED. (2020)	FBC	DAC
3	7/25/17	UPDATE TO 6TH ED. (2017)	FBC	JK
2	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK
1	2/27/13	REVISED GLAZING DETAIL		RW
NO.	DATE			BY
REVISIONS				

DATE: 02/15/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15215.15
SHEET 1 OF 11

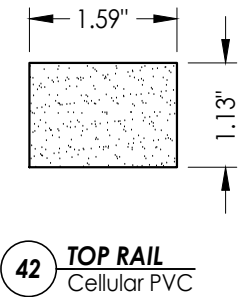
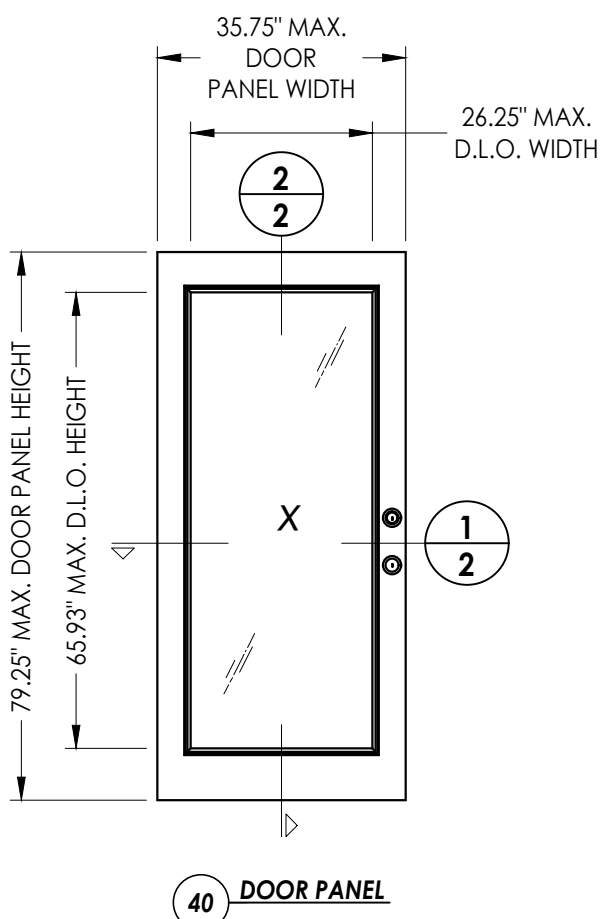
RW
BUILDING CONSULTANTS, INC.
P.O. Box 230, Vairico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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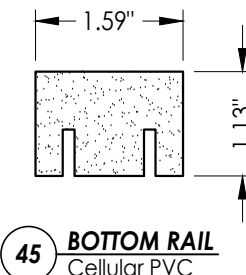
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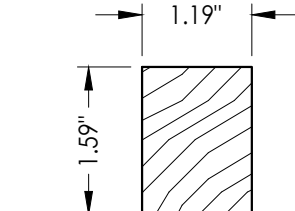
1
2 **HORIZONTAL CROSS SECTION**



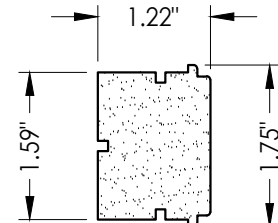
42 **TOP RAIL**
Cellular PVC



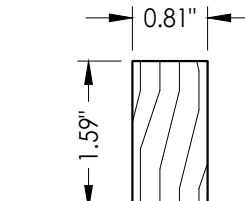
45 **BOTTOM RAIL**
Cellular PVC



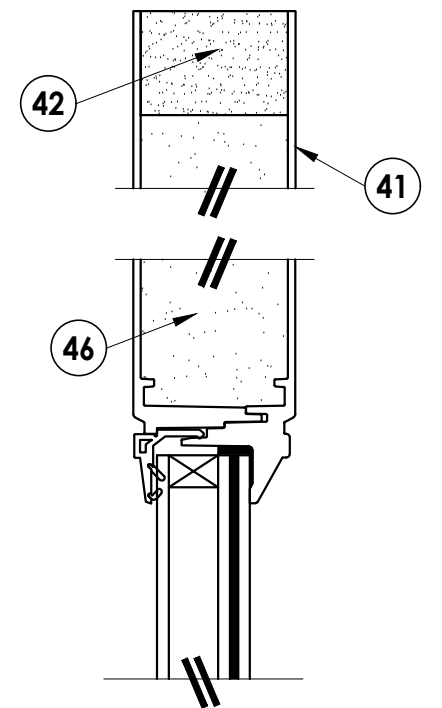
44 **LOCK REINFORCEMENT**
Wood



43 **LATCH & HINGE STILE**
Cellular PVC



47 **LATCH & HINGE STILE**
Wood reinforcement



2
2 **VERTICAL CROSS SECTION**

NO.	DATE	REVISIONS
6	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
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

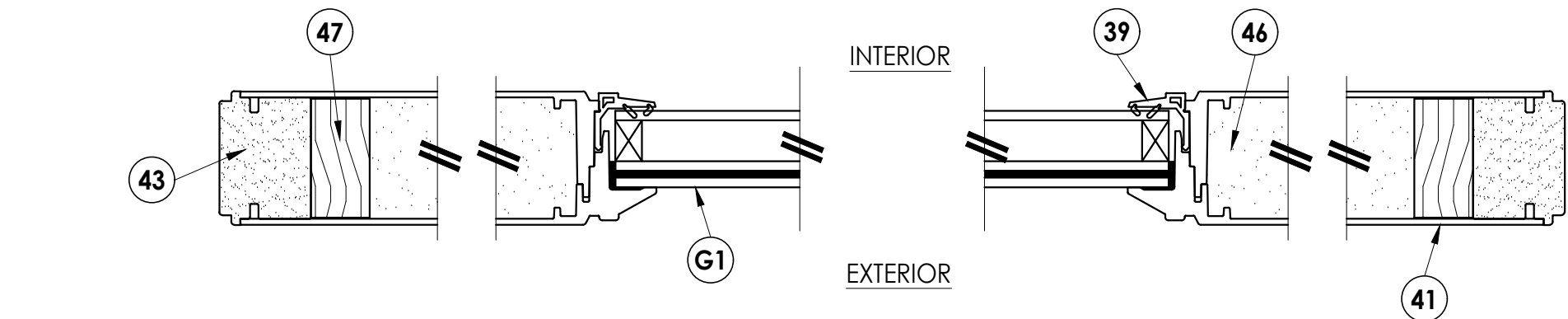
DATE: 02/15/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15215.15
SHEET 2 OF 11

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

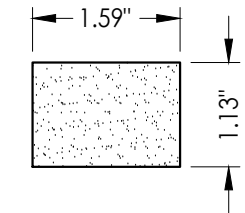
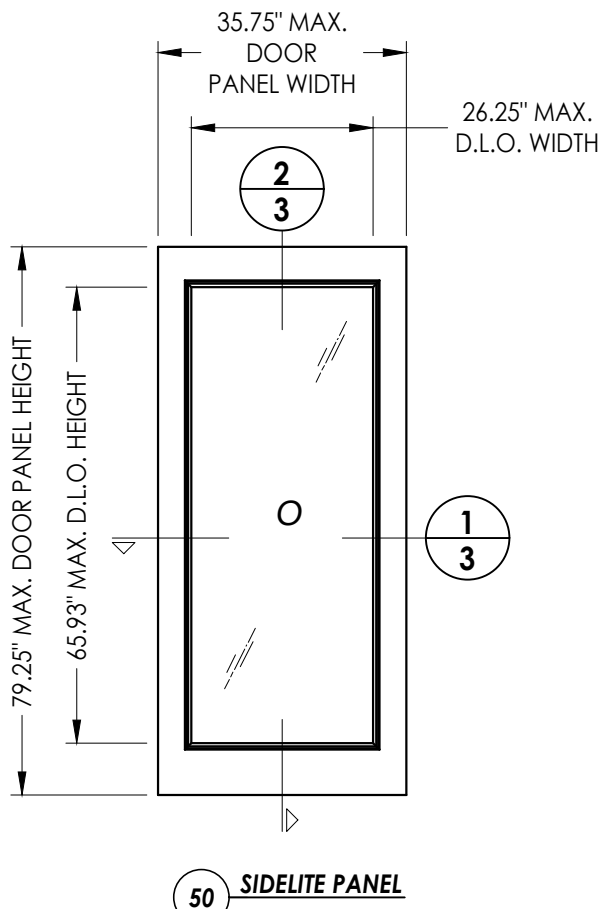
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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Phone No.: 813.659.9197
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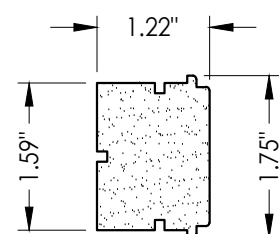
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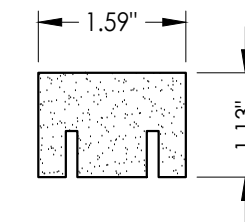
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3 HORIZONTAL CROSS SECTION



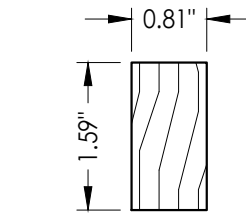
42 TOP RAIL
Cellular PVC



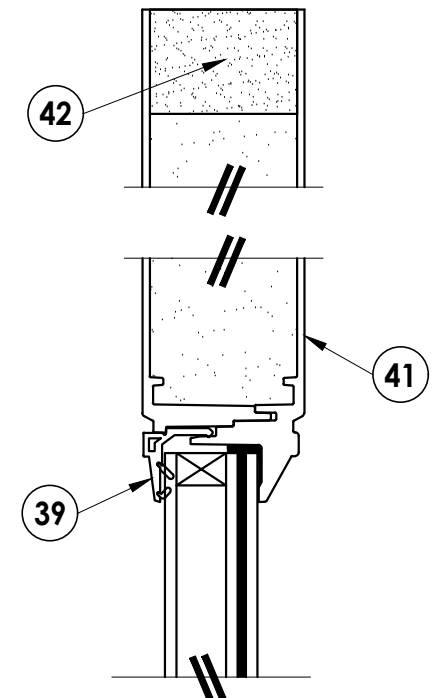
43 LATCH & HINGE STILE
Cellular PVC



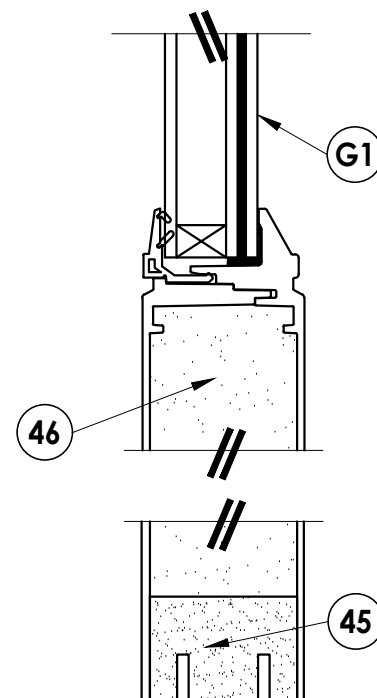
45 BOTTOM RAIL
Cellular PVC



47 LATCH & HINGE STILE
Wood reinforcement



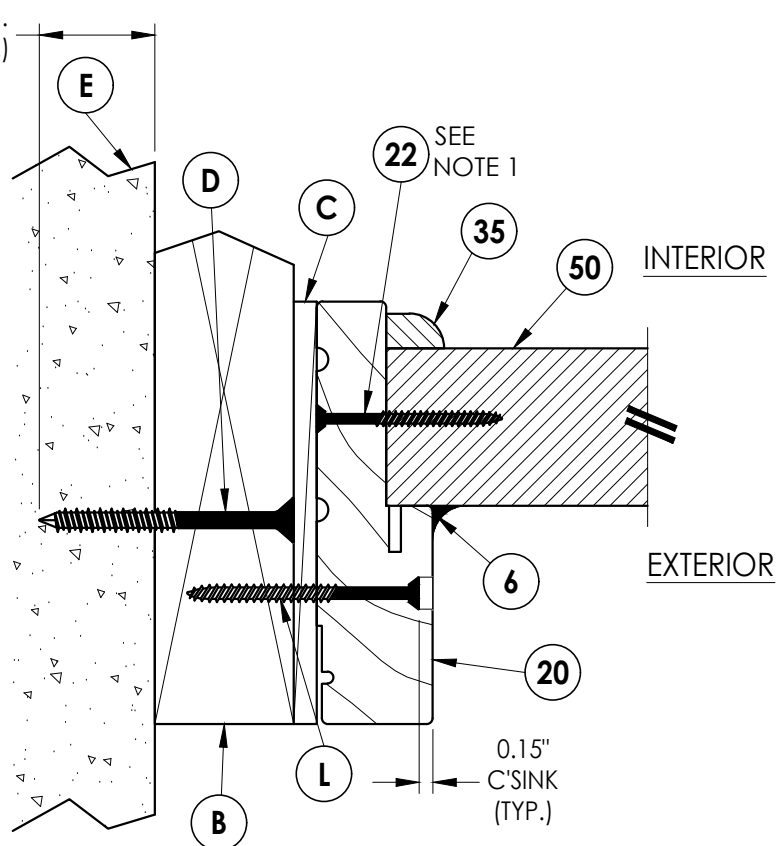
2
3 VERTICAL CROSS SECTION



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																			
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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																			
DATE: 02/15/12																													
SCALE: N.T.S.																													
DWG. BY: JK																													
CHK. BY: LFS																													
DRAWING NO.: FL-15215.15																													
SHEET 3 OF 11																													

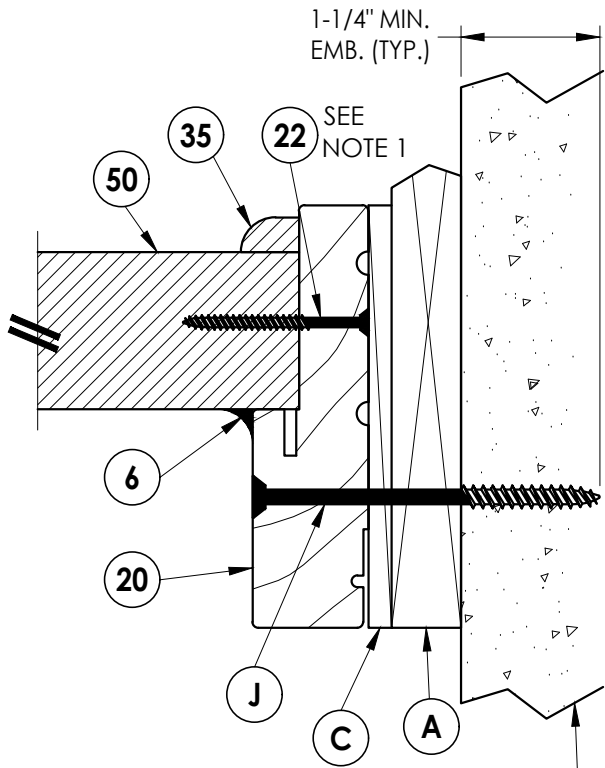
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1-1/4" MIN.
EMB. (TYP.)



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

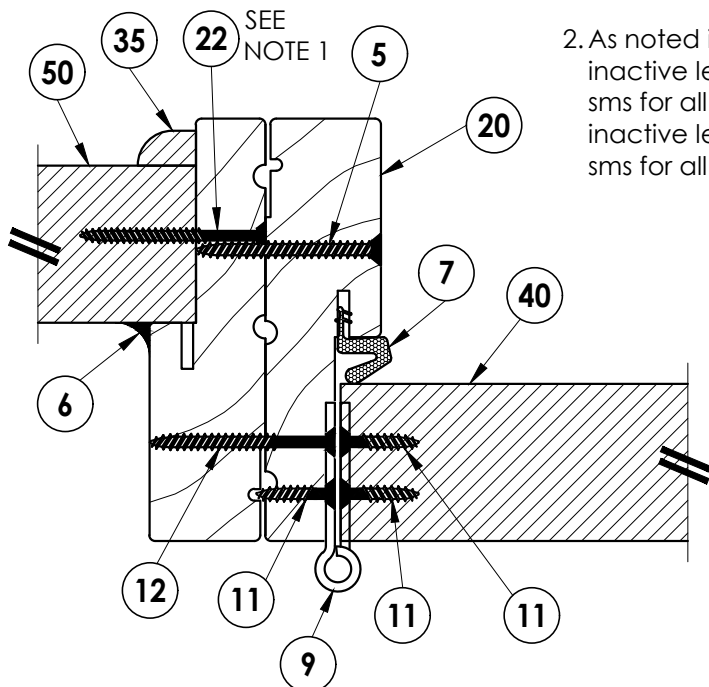
1-1/4" MIN.
EMB. (TYP.)



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

NOTE:

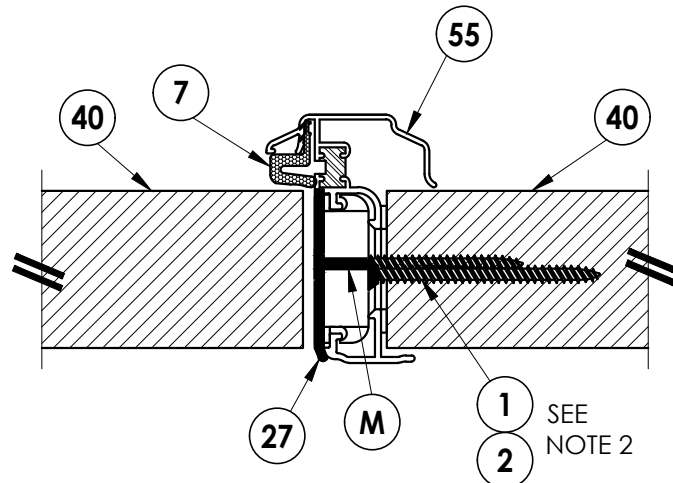
1. Sidelite panel secured to the sidelite frame with (4) of item #22 located 10", 30.5", 51" and 71.5" from top of each jamb and (2) of item #22 in the head and sill 3" from each end.
2. As noted in the test report astragal was attached to the inactive leaf with (10) #8 x 3" psh sms and (4) #10 x 2-1/2 pfh sms for all 6'-8" (outswing). Astragal was attached to the inactive leaf with (9) #8 x 3" psh sms and (4) #10 x 2-1/2" pfh sms for all 6'-8" (inswing).



2
4 **HORIZONTAL CROSS SECTION**
Outswing configuration

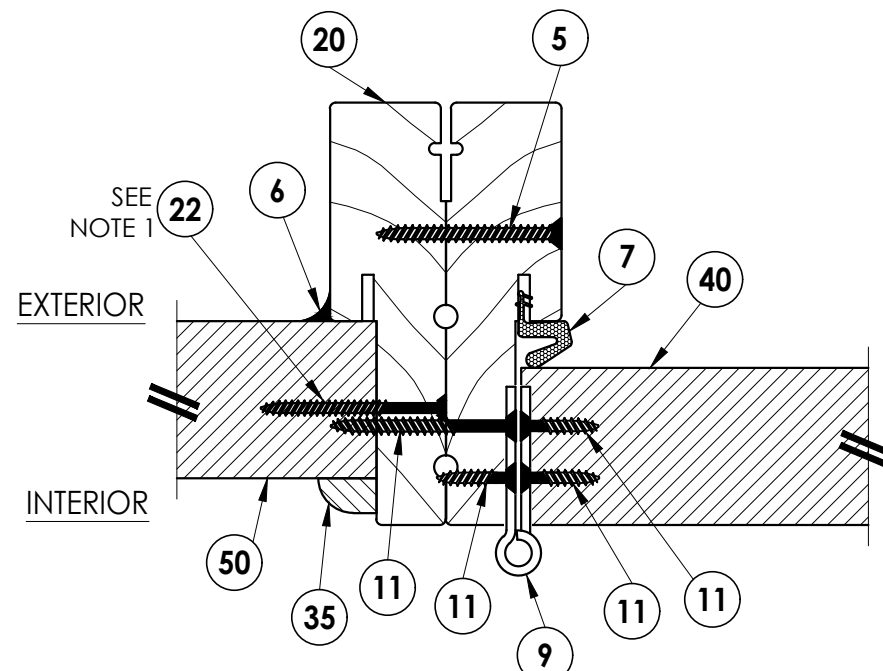
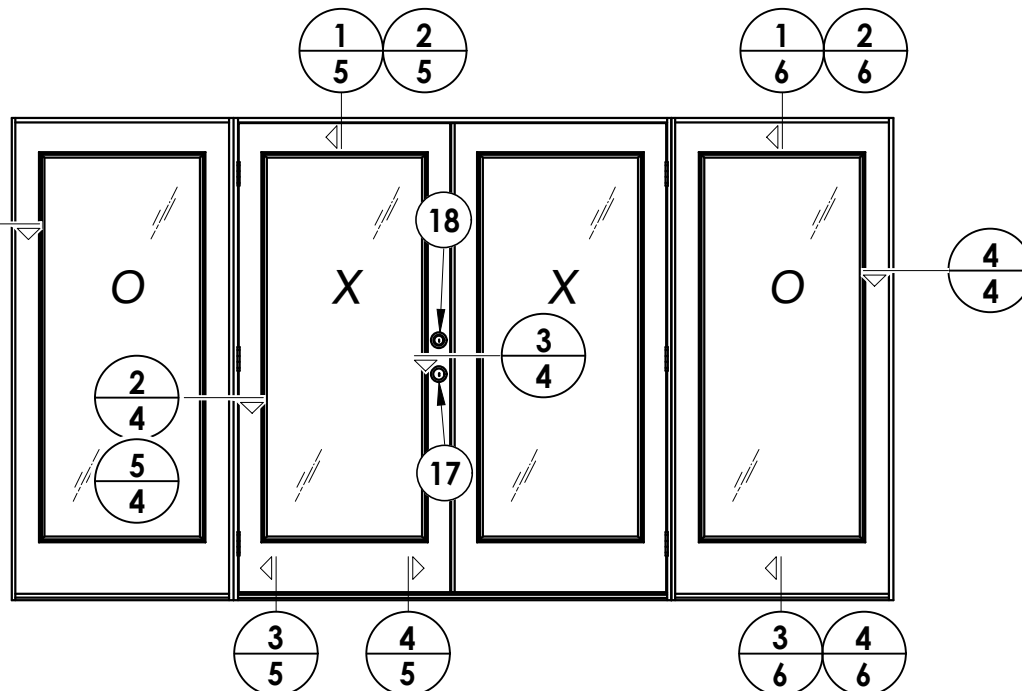
INTERIOR

EXTERIOR



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

1
4



5
4 **HORIZONTAL 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:
HORIZONTAL CROSS SECTIONS

LFS	FBC	(2026)	9TH ED.	UPDATE TO	7/02/26	6
LFS	FBC	(2023)	8TH ED.	UPDATE TO	8/15/23	5
DAC	FBC	(2020)	7TH ED.	UPDATE TO	8/05/20	4
JK	FBC	(2017)	6TH ED.	UPDATE TO	7/25/17	3
JK	FBC	(2014)	5TH ED.	UPDATE TO	04/22/15	2
RW			REVISED GLAZING DETAIL		2/27/13	1
BY					DATE	NO.
REVISIONS						

DATE: 02/15/12

SCALE: N.T.S.

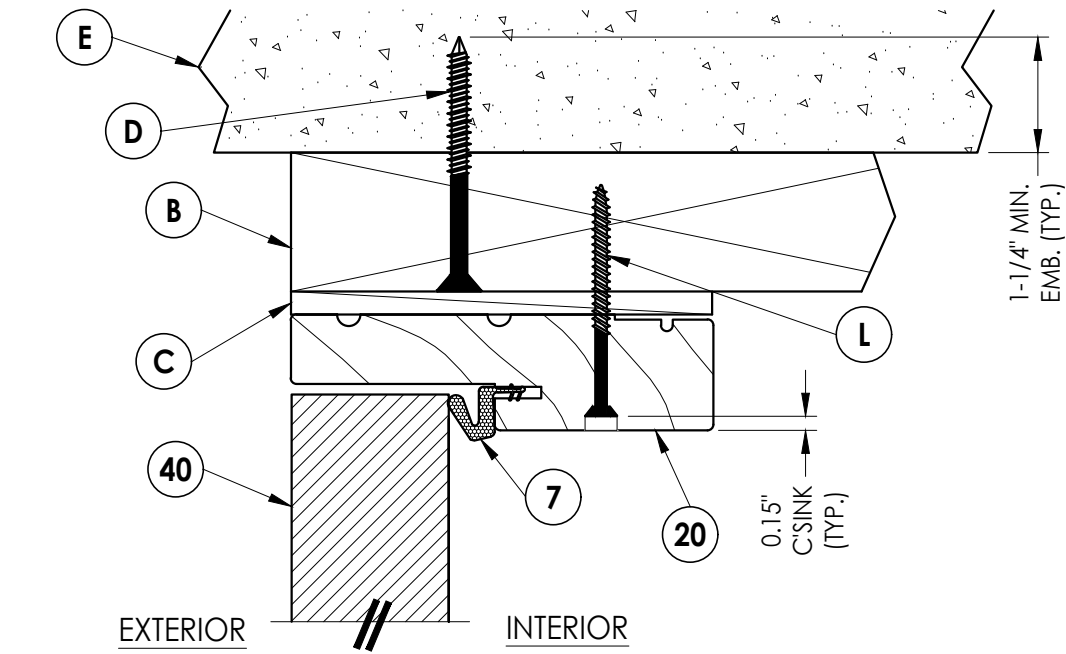
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CHK. BY: LFS

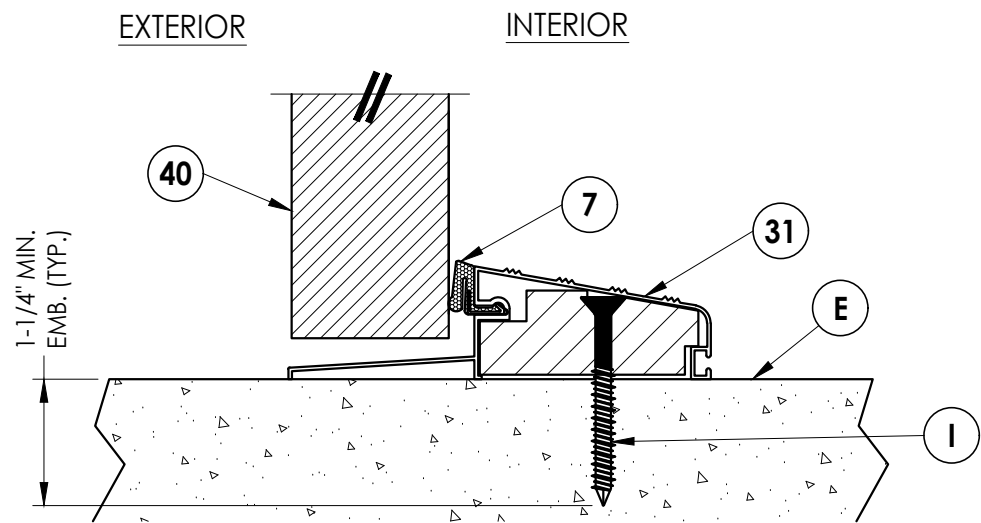
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SHEET 4 OF 11

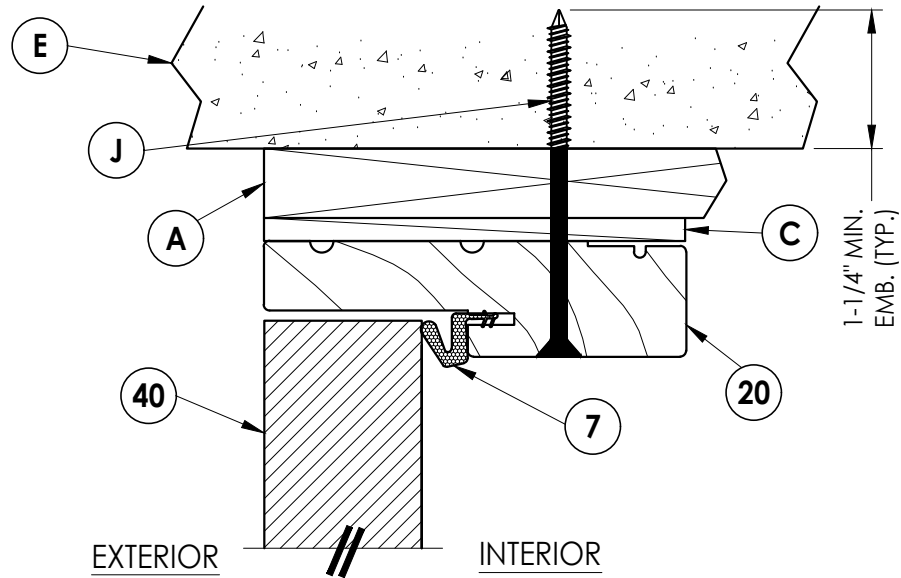
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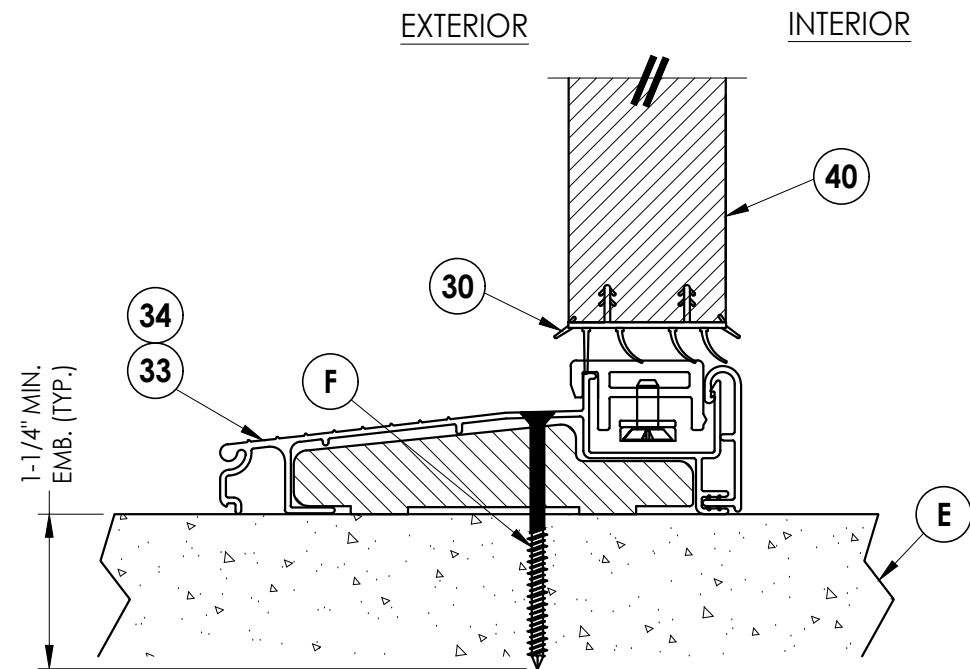
1
5 **VERTICAL CROSS SECTION**
Outswing shown - inswing
also approved



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

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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

6	7/02/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS	
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					BY
REVISIONS						

DATE: 02/15/12

SCALE: N.T.S.

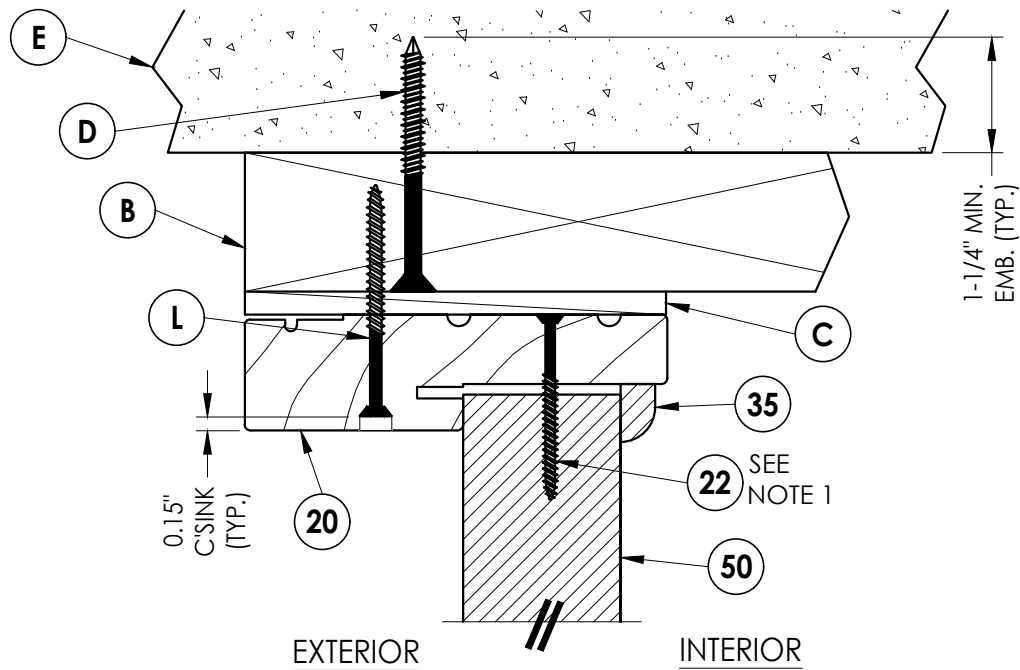
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CHK. BY: LFS

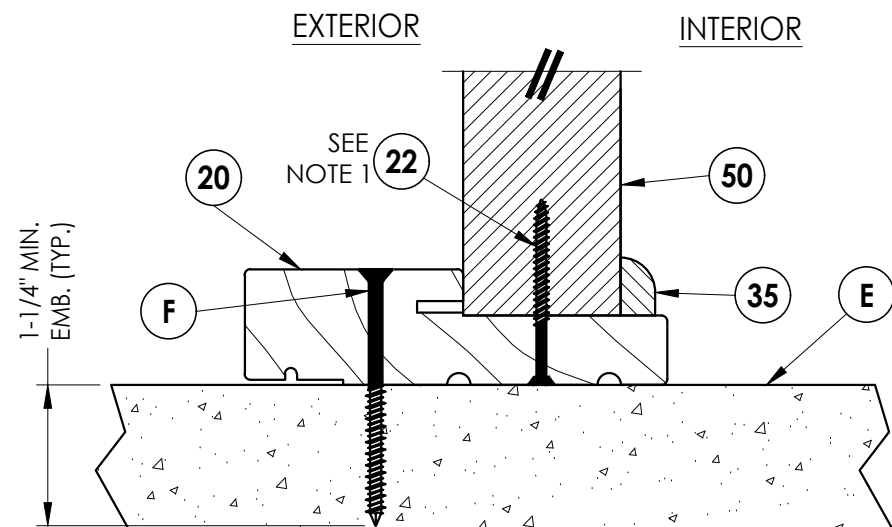
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SHEET 5 OF 11

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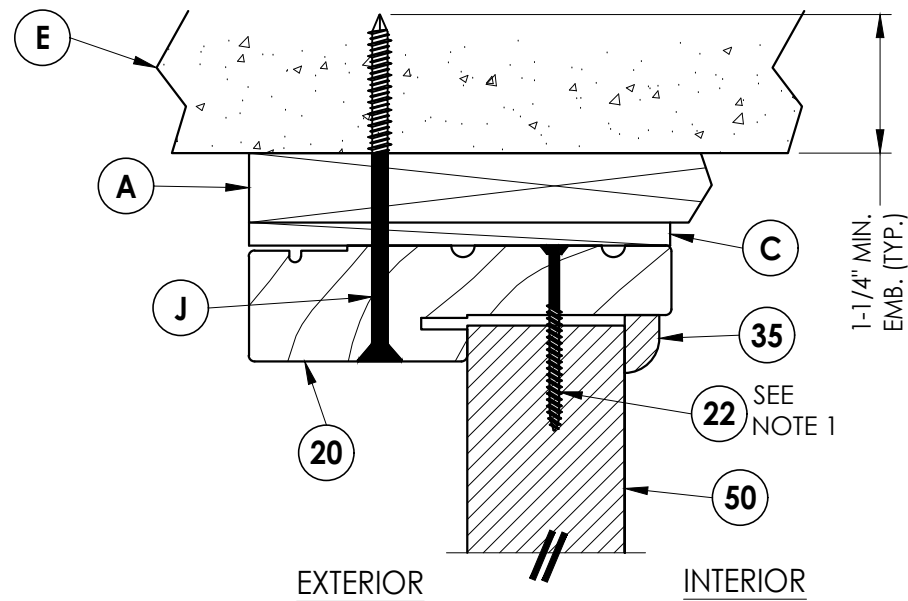


1 **VERTICAL CROSS SECTION**
6 Outswing shown - inswing also approved

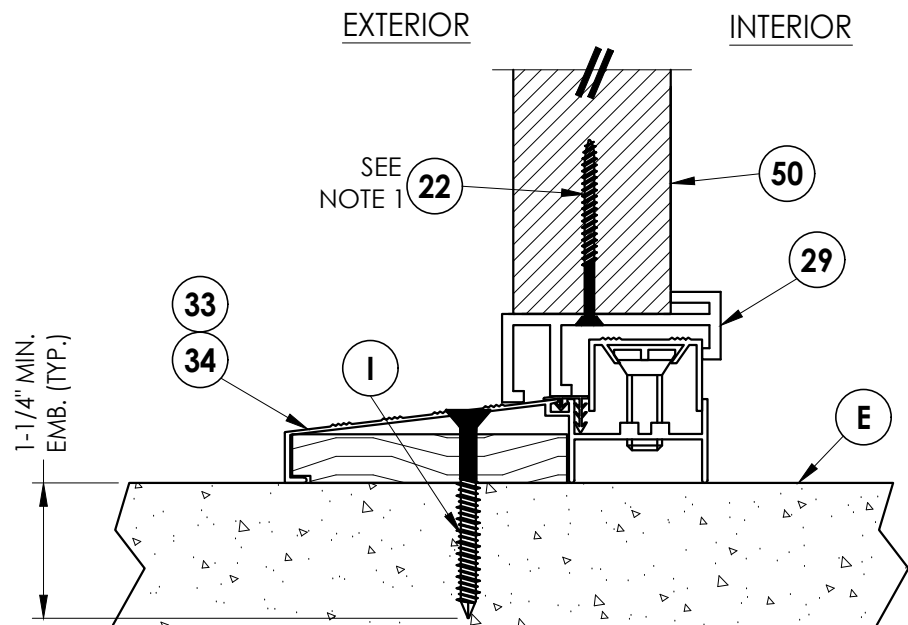


3 **VERTICAL CROSS SECTION**
6 Outswing configuration

NOTE:
1. Sidelite panel secured to the sidelite frame with (4) of item #22 located 10", 30.5", 51" and 71.5" from top of each jamb and (2) of item #22 in the head and sill 3" from each end



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



4 **VERTICAL CROSS SECTION**
6 Inswing configuration

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:
VERTICAL CROSS SECTIONS

LFS	FBC	(2026)	FBC	(2023)	FBC	DAC	JK	JK	RW	BY
6	7/02/26	UPDATE TO 9TH ED.	(2026)	FBC						
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

SCALE: N.T.S.

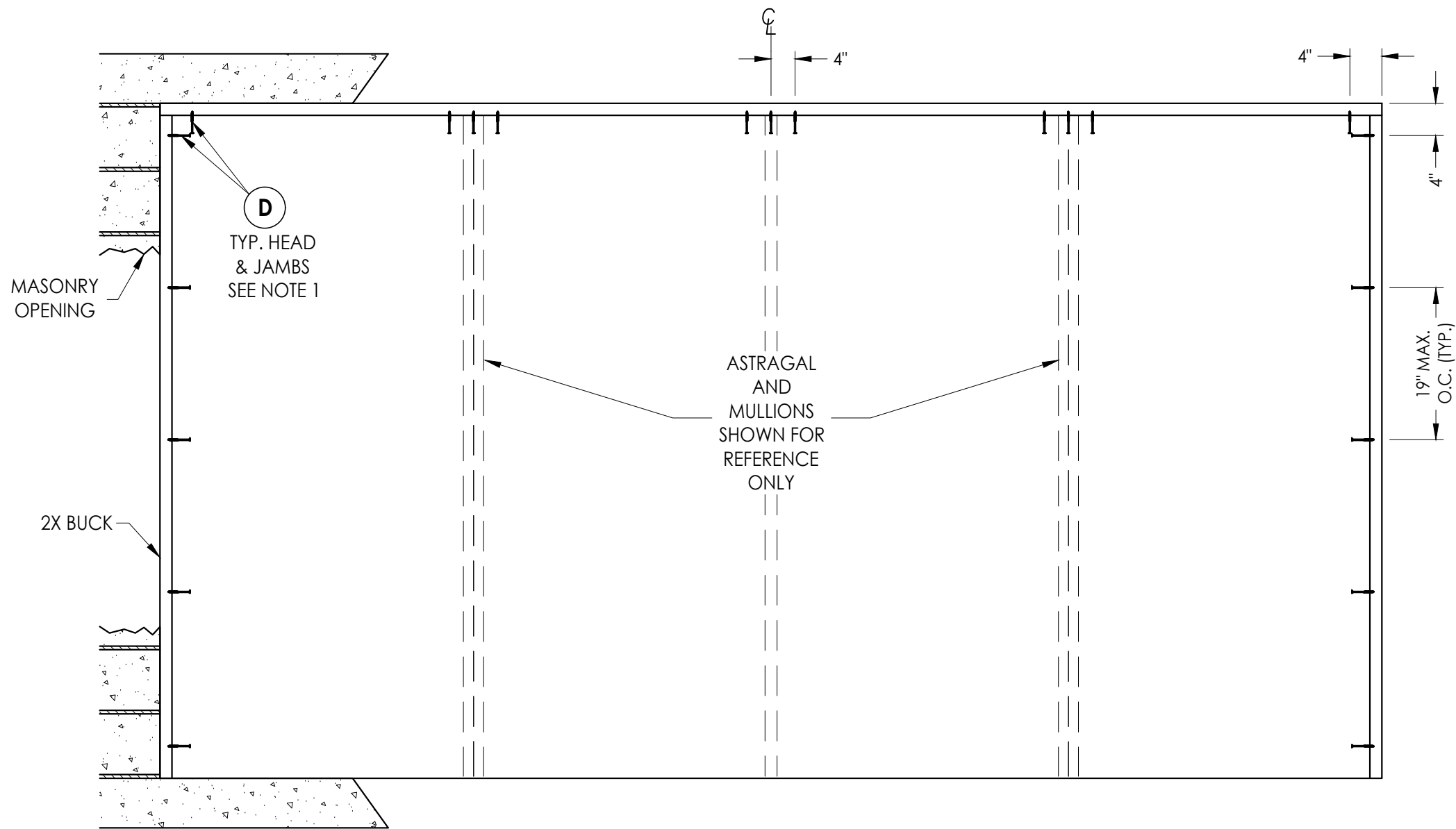
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CHK. BY: LFS

DRAWING NO.: FL-15215.15

SHEET 6 OF 11

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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"
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.

BUCK ANCHORING

NO.	DATE	REVISIONS					
		LFS	FBC	FBC	FBC	JK	BY
6	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS			
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

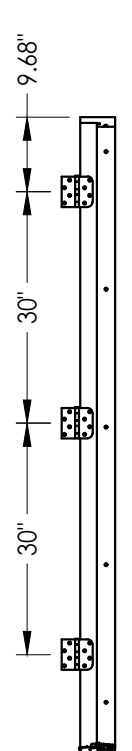
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SHEET 7 OF 11

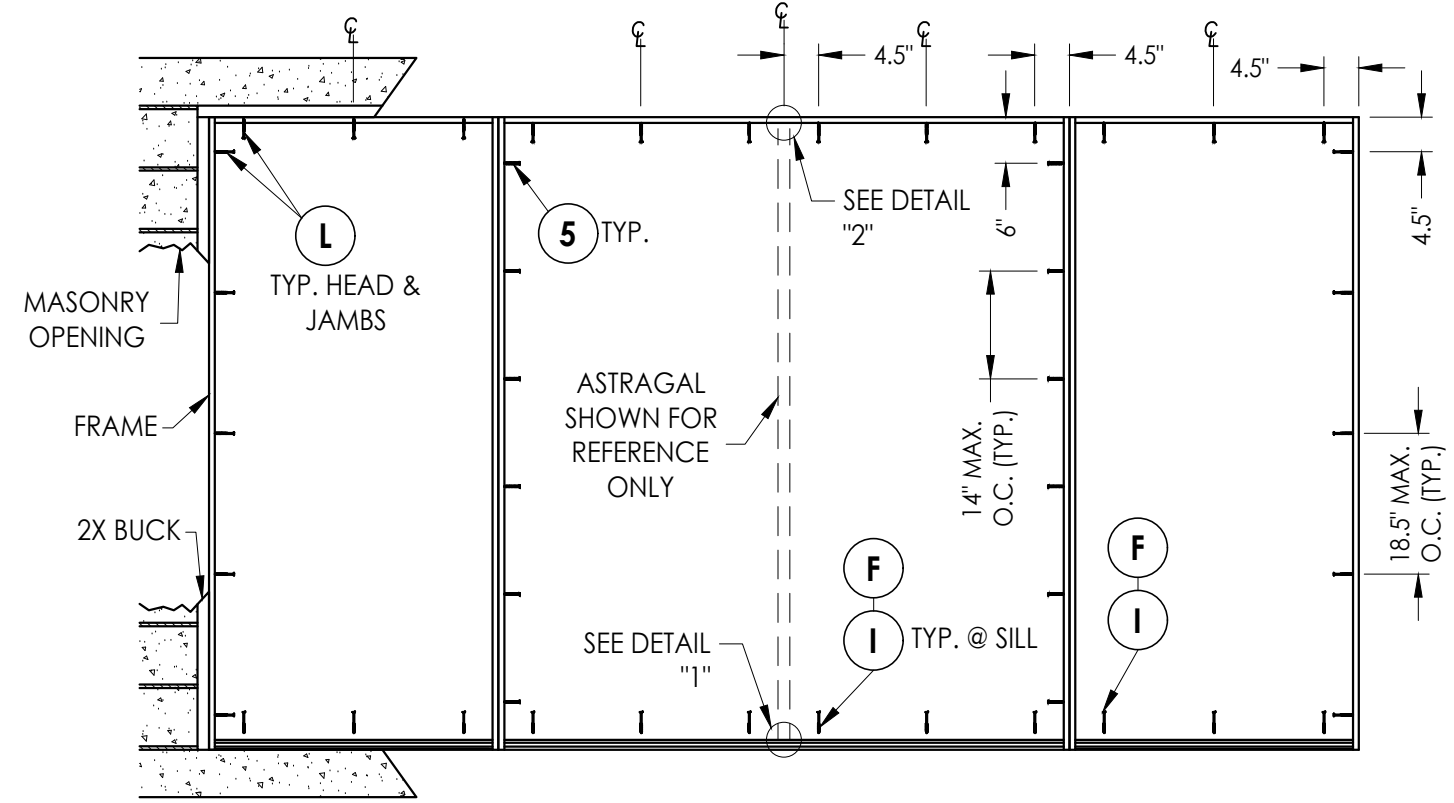
Documents Prepared By:
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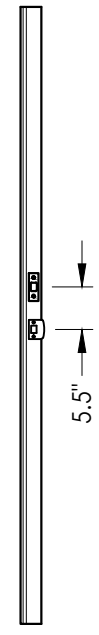
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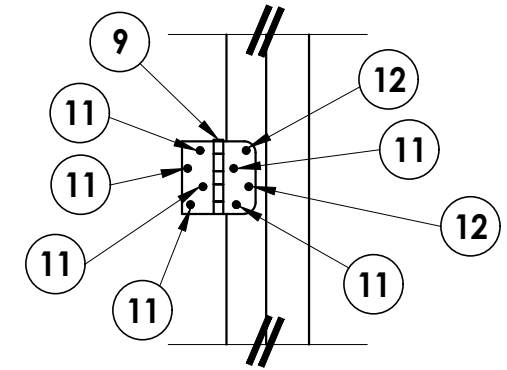
HINGE JAMB



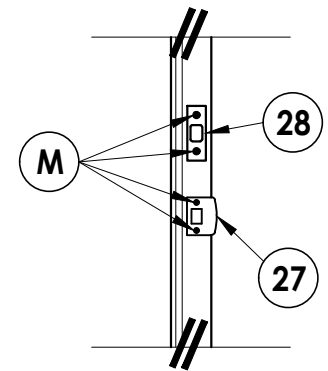
FRAME ANCHORING
Masonry 2X buck construction



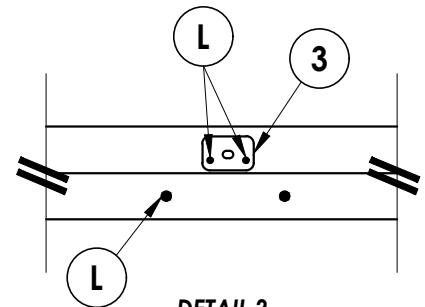
ASTRAGAL STRIKE JAMB



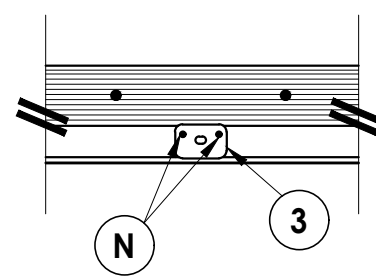
HINGE DETAIL



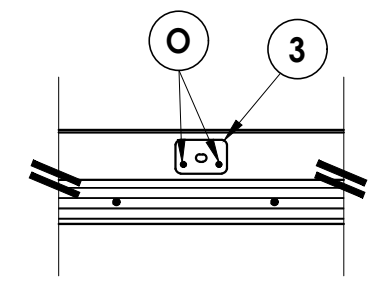
LATCH & DEADBOLT DETAIL



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:

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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:
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

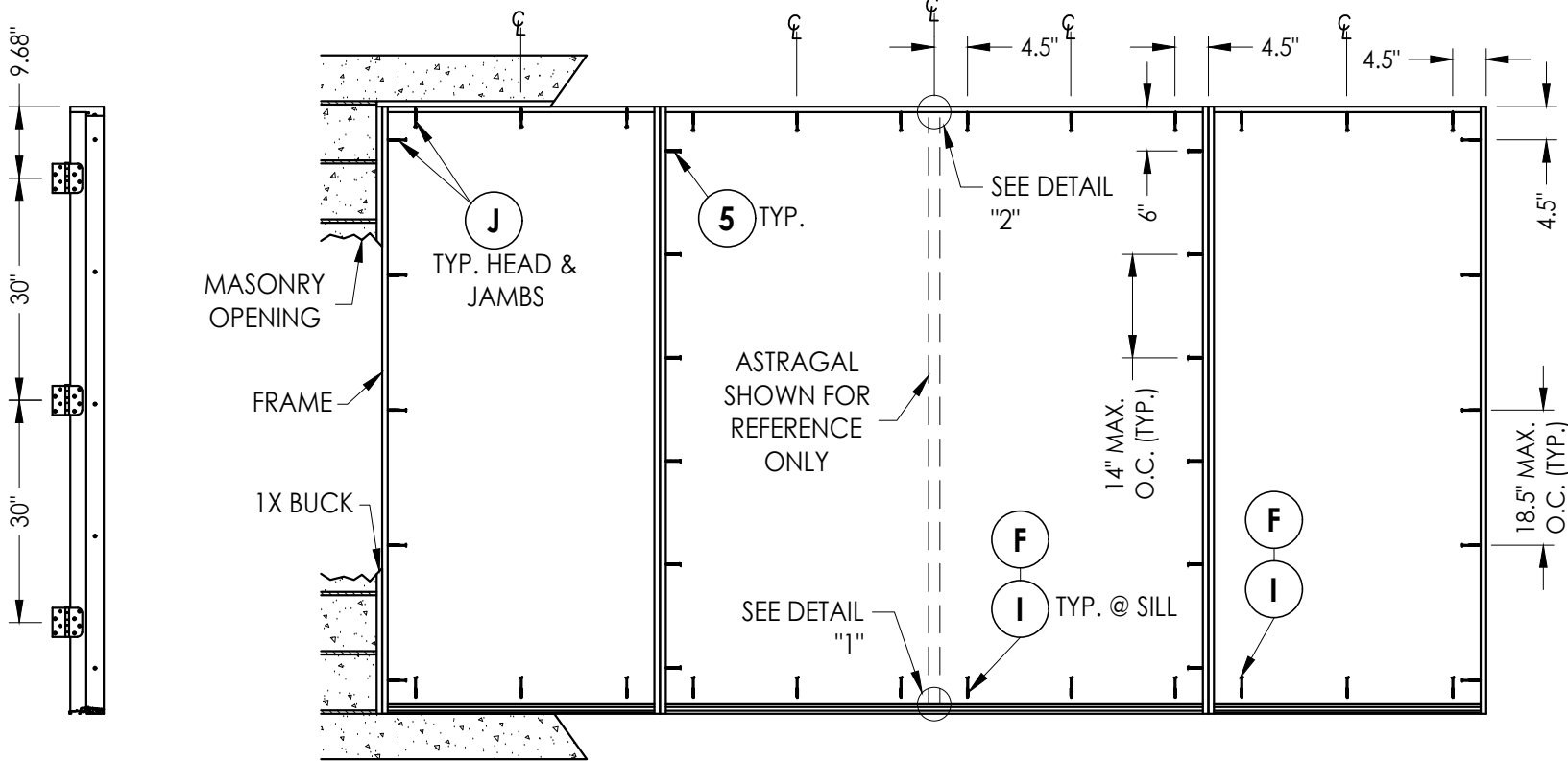
PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
FRAME ANCHORING 2X BUCK
MASONRY CONSTRUCTION

LFS	FBC	DATE	REVISIONS
6	7/02/26	UPDATE TO 9TH ED. (2026)	
5	8/15/23	UPDATE TO 8TH ED. (2023)	
4	8/05/20	UPDATE TO 7TH ED. (2020)	
3	7/25/17	UPDATE TO 6TH ED. (2017)	
2	04/22/15	UPDATE TO 5TH ED. (2014)	
1	2/27/13	REVISED GLAZING DETAIL	
NO.	DATE		

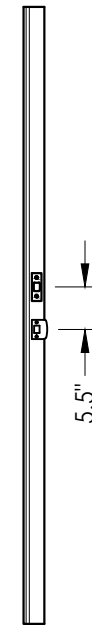
DATE: 02/15/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15215.15
SHEET 8 OF 11

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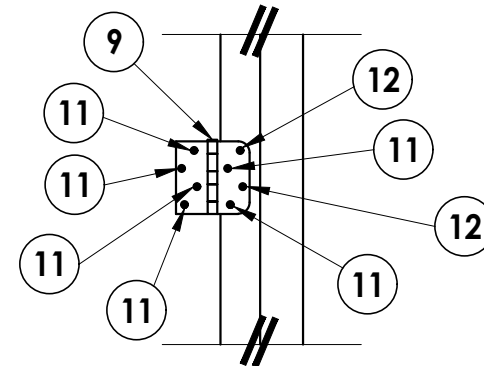


HINGE JAMB

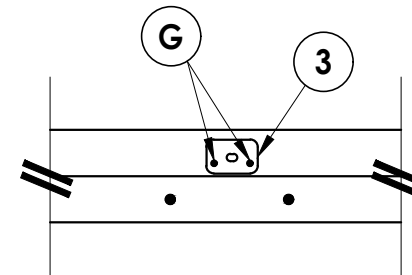
FRAME ANCHORING
Masonry 1X buck construction



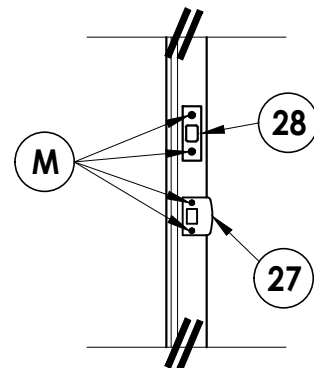
ASTRAGAL STRIKE JAMB



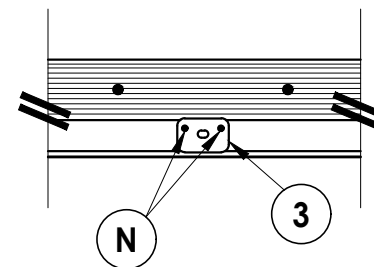
HINGE DETAIL



DETAIL 2

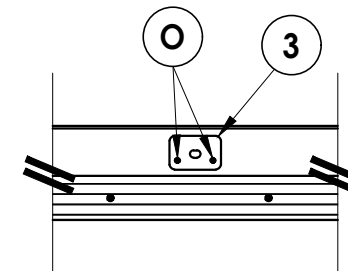


LATCH & DEADBOLT DETAIL



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"
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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PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
FRAME ANCHORING 1X BUCK
MASONRY CONSTRUCTION

LFS	FBC	(2026)	9TH ED.	UPDATE TO	6
LFS	FBC	(2023)	8TH ED.	UPDATE TO	5
DAC	FBC	(2020)	7TH ED.	UPDATE TO	4
JK	FBC	(2017)	6TH ED.	UPDATE TO	3
JK	FBC	(2014)	5TH ED.	UPDATE TO	2
RW	REVISED GLAZING DETAIL	1	2/27/13	NO.	1
BY	REVISIONS	DATE			

DATE: 02/15/12

SCALE: N.T.S.

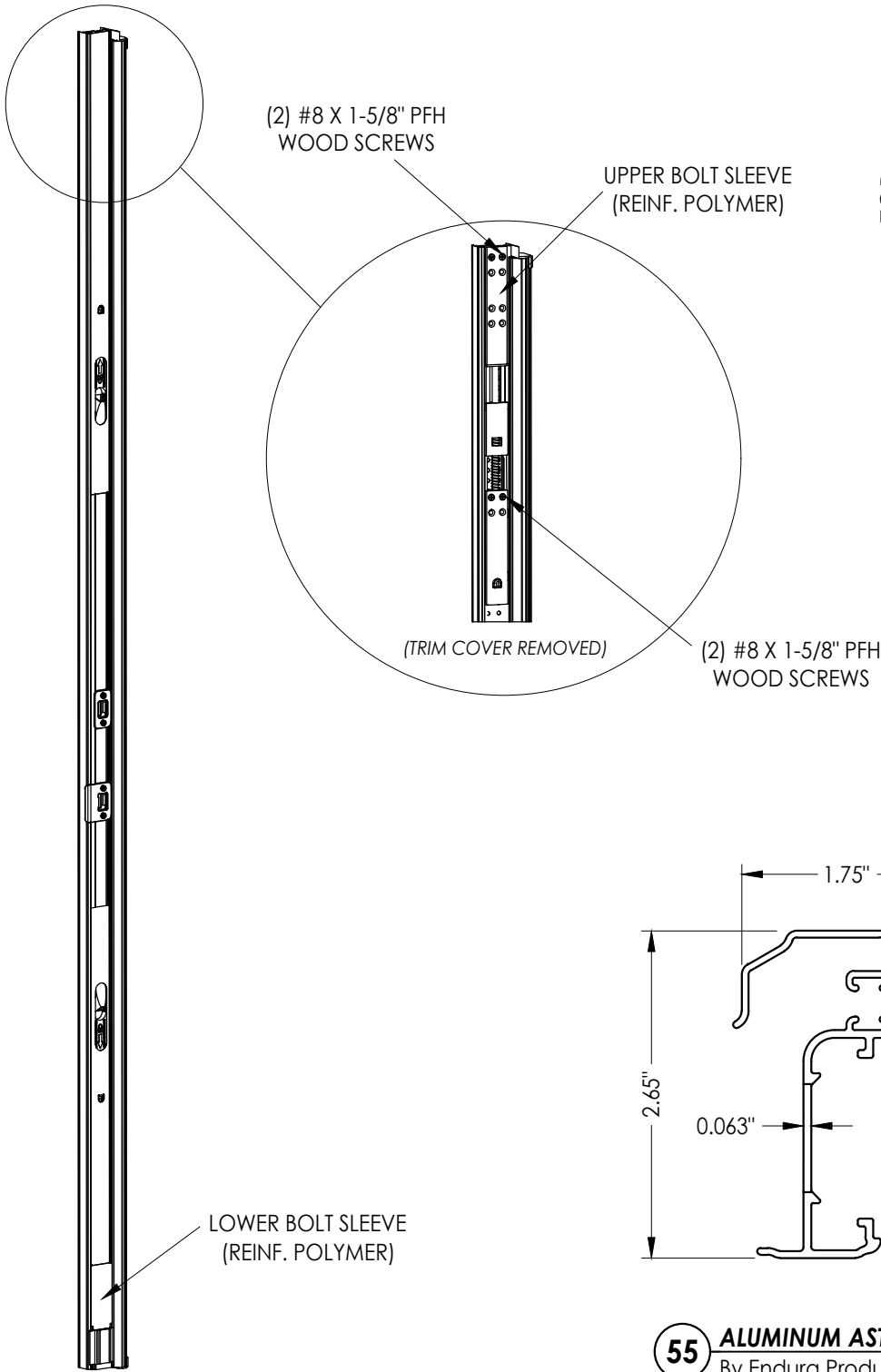
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CHK. BY: LFS

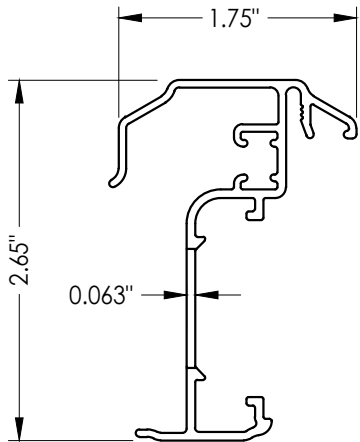
DRAWING NO.: FL-15215.15

SHEET 9 OF 11

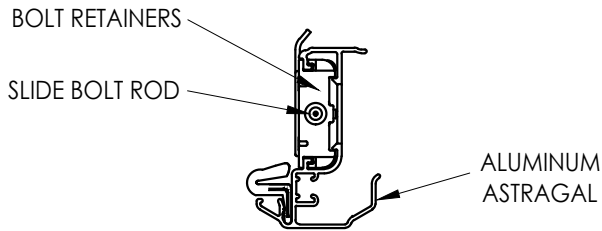
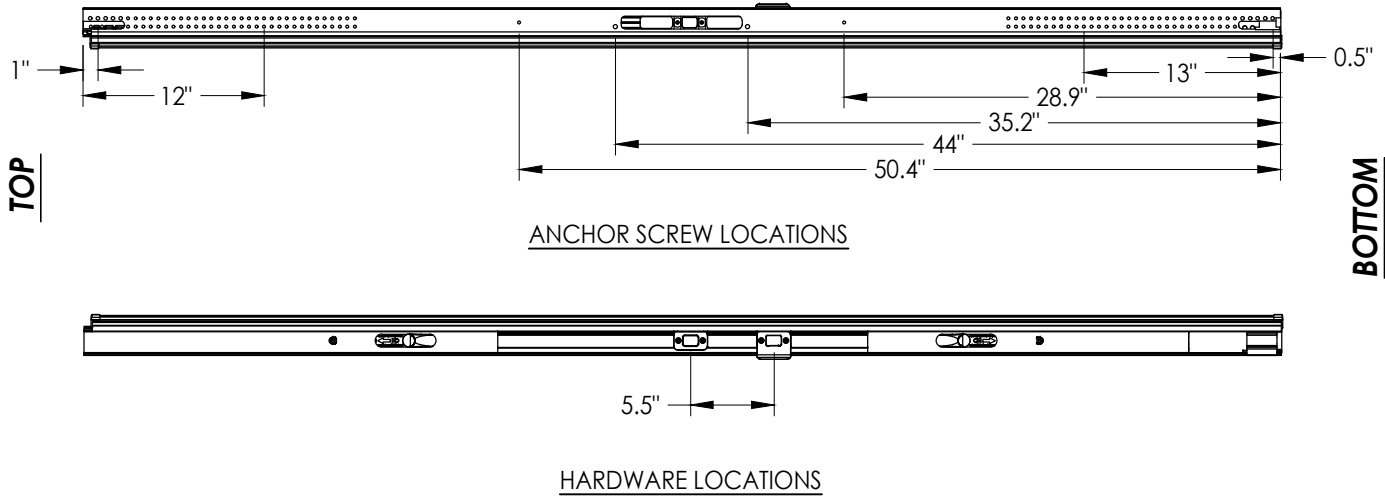
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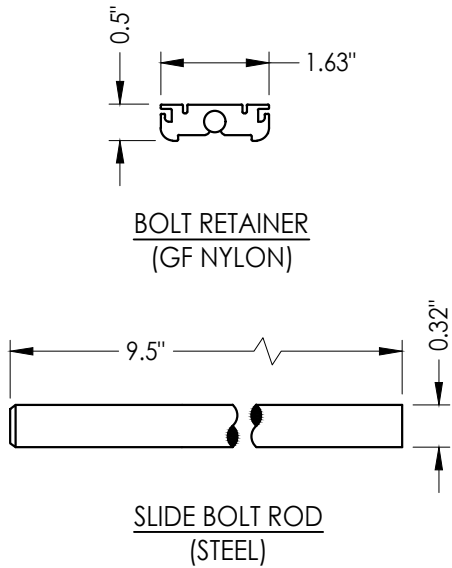
ULTIMATE HURRICANE ASTRAGAL



55 ALUMINUM ASTRAGAL
By Endura Products



ALUMINUM ASTRAGAL ASSEMBLY



NO.	DATE	REVISIONS
6	7/02/26	UPDATE TO 9TH ED. (2026) FBC
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SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15215.15
SHEET	10 OF 11

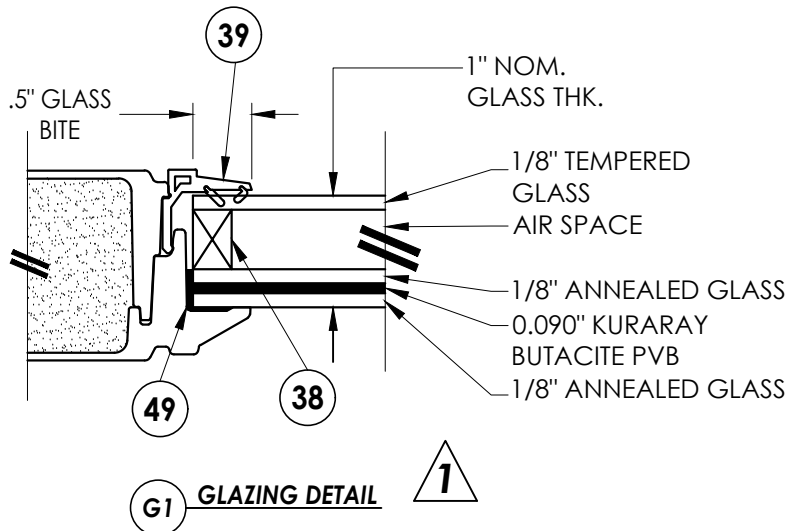
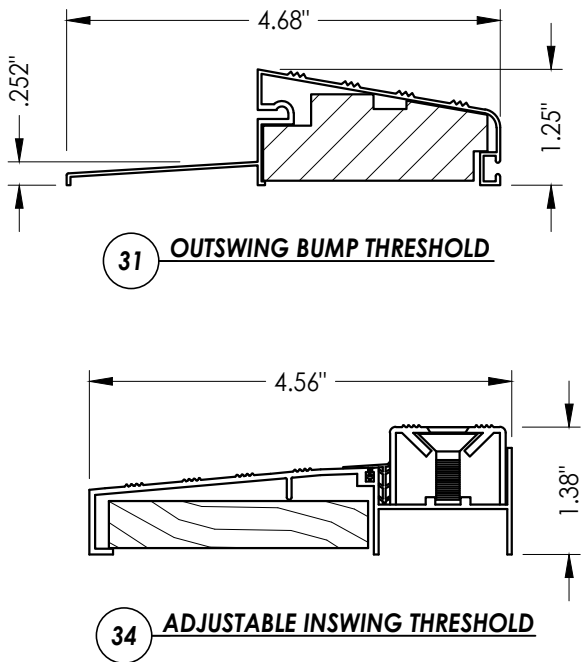
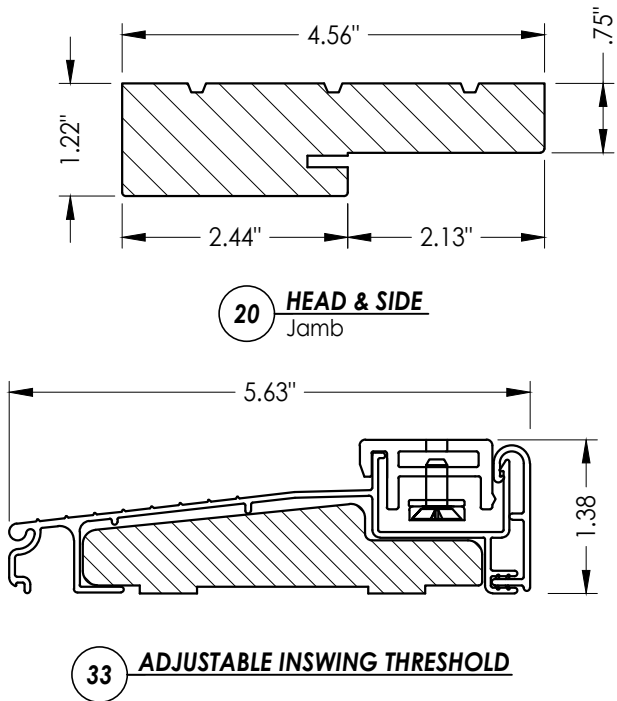
PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY:	ENDURA ASTRAGAL DETAILS

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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BILL OF MATERIALS					
ITEM	DESCRIPTION	MATERIAL	ITEM	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD	20	FINGER JOINTED PINE FRAME, HEAD & HINGE JAMBS	WOOD
B	2X BUCK SG >= 0.55	WOOD	22	#8 X 2" PFH WOOD SCREW	STEEL
C	1/4" MAX. SHIM SPACE	-	27	LATCH STRIKE PLATE	STEEL
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL	28	DEADBOLT STRIKE PLATE	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE	29	SIDELITE SPACER	PVC
			30	WEATHER-STOP 3647 HOLM INDUSTRIES	VINYL
F	1/4" X 2-3/4" PFH ITW CONCRETE SCREW	STEEL	31	OUTSWING BUMP THRESHOLD	ALUM. / WOOD
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL	33	INSWING ADJUSTABLE THRESHOLD BY ENDURA	ALUM. / WOOD
I	1/4" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL	34	INSWING ADJUSTABLE ALUMINUM THRESHOLD BY DLP	ALUM. / WOOD
J	1/4" X 3-3/4" PFH ITW CONCRETE SCREW	STEEL	35	SHOE MOULD 5/8" X 3/8"	WOOD
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL	38	GLAZING SPACER	ALUM.
M	#9 X 2-1/4" PFH WOOD SCREW	STEEL	39	GLAZING BEAD	PVC
N	3/16" X 3-1/2" PFH ITW CONCRETE SCREW	STEEL	40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
O	3/16" X 1-1/2" PFH ITW CONCRETE SCREW	STEEL	41	DOOR SKIN (MIN. 0.095" THICK)	FIBERGLASS
1	#10 X 2-1/2" PFH SMS	STEEL	42	TOP RAIL	CELLULAR PVC
2	#8 X 3" PSH SMS	STEEL	43	LATCH & HINGE STILE	CELLULAR PVC
3	FLUSH BOLT STRIKE PLATE	STEEL	44	LATCH & HINGE STILE SUPPORT	WOOD
5	#10 X 2" PFH SCREW	STEEL	45	BOTTOM RAIL	CELLULAR PVC
6	SEALANT	SILICONE	46	POLYURETHANE FOAM	POLYURETHANE
7	Q-LON 650 WEATHER STRIP SCHLEGEL	FOAM	47	LATCH & HINGE STILE	WOOD
9	4" X 4" BUTT HINGE	STEEL	49	GLAZING COMPOUND DOW 995	SILICONE
10	NOT USED	-	50	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
11	#9 X 3/4" PFH WOOD SCREW	STEEL	55	ASTRAGAL (ENDURA)	ALUMINUM
12	#9 X 2" PFH WOOD SCREW	STEEL			
17	KWIKSET KEYED ENTRY - SIGNATURE SERIES	STEEL			
18	KWIKSET DEADBOLT - SIGNATURE SERIES (780)	STEEL			

CORROSION RESISTANCE - SALTWATER ENVIRONMENT
Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.



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**

LFS	FBC	(2026)	UPDATE TO 9TH ED.	DATE	NO.	DATE	REVISIONS
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1	2/27/13	REVISED GLAZING DETAIL		DATE	NO.	DATE	REVISIONS

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DRAWING NO.: FL-15215.15
SHEET 11 OF 11