



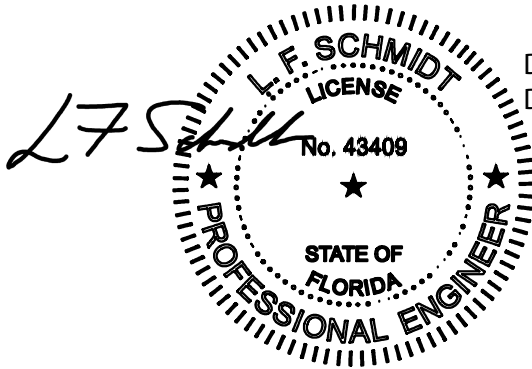
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

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

GENERAL NOTES

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 FBC Sections 1609.1.2 & R301.2.1.2.
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.

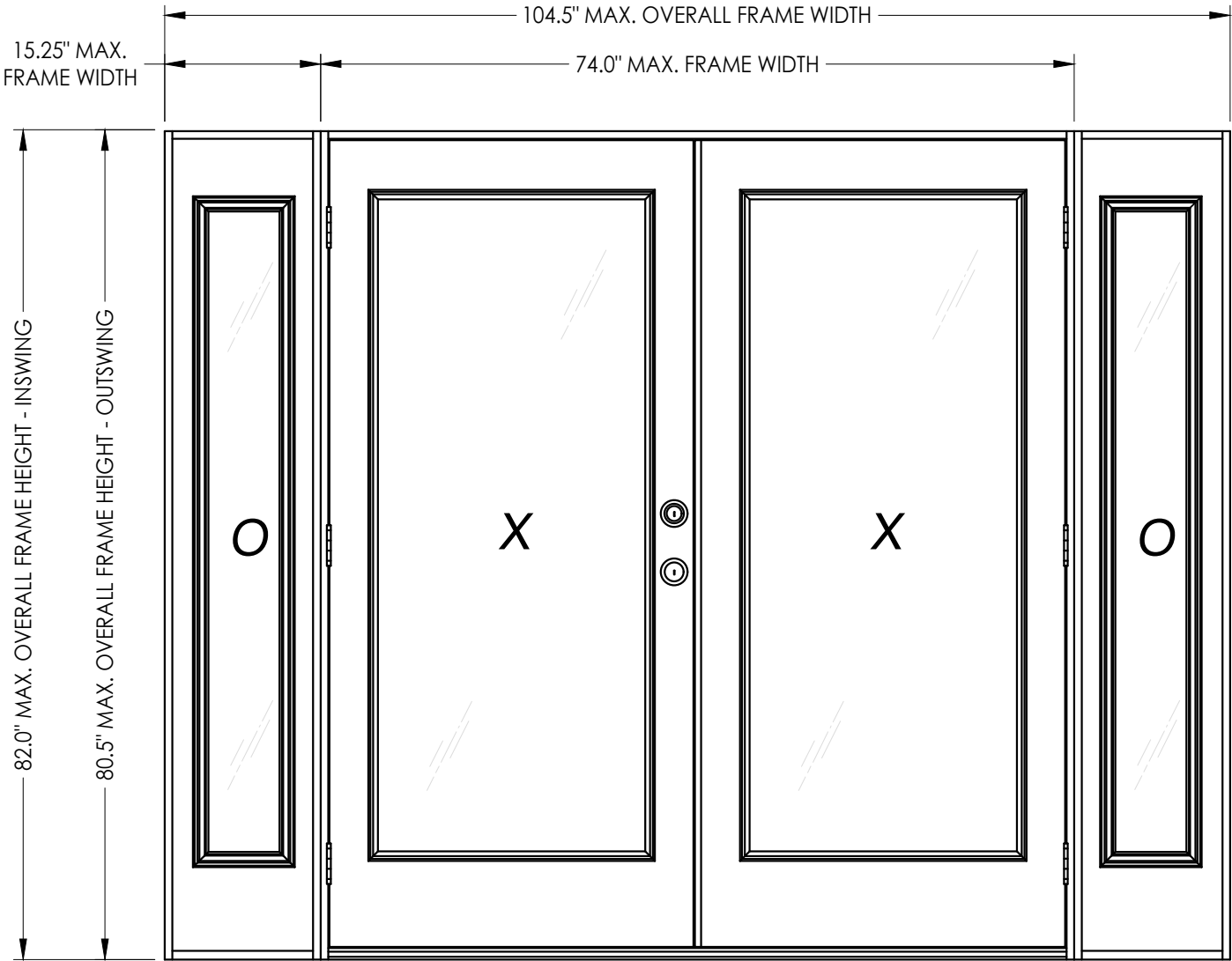
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7	Buck anchoring
8	Frame anchoring - 2X buck masonry construction
9	Frame anchoring - 1X buck masonry construction
10	Endura astragal details
11	Bill of materials, glazing detail & components



Digitally signed by Lyndon F Schmidt
Date: 2023.08.24 10:53:15 -04'00'

This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
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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	104.5" x 82.0"	21.0" x 63.0"	7.0" x 63.0"	G1	+47.0	-50.0
OUTSWING	104.5" x 80.5"	21.0" x 63.0"	7.0" x 63.0"		+50.0	-50.0

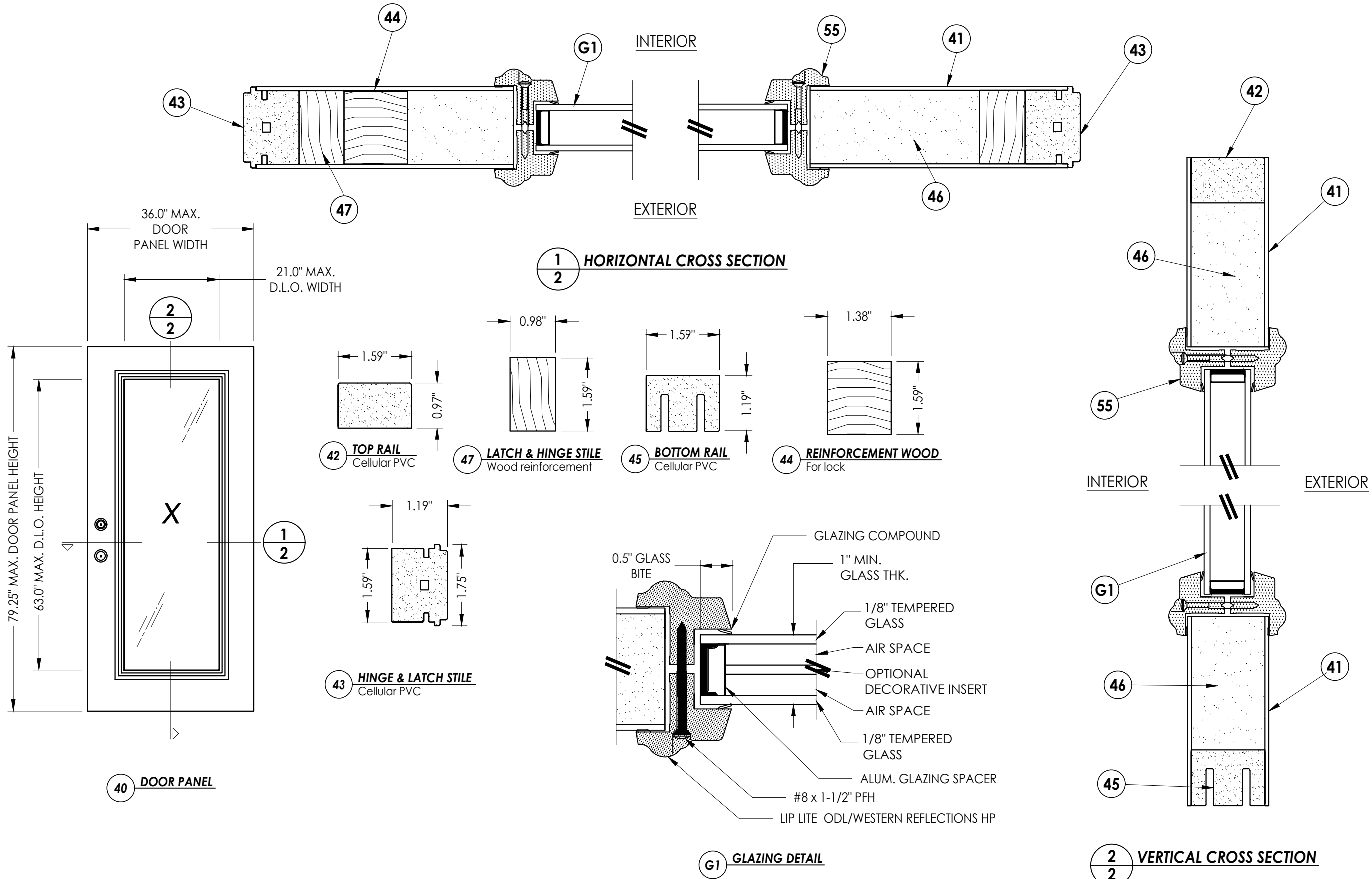
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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:
TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

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

DATE: 02/16/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-15213.18
SHEET 1 OF 11



1 **HORIZONTAL CROSS SECTION**
2

2 VERTICAL CROSS SECTION
2

4	8/24/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	7/27/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
2	10/19/17	UPDATE TO 6TH ED. (2017)	FBC	LFS	
1	04/22/15	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-15213.18

SHEET 2 OF 11

Documents Prepared By:
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P.E. No. 43409

PLASTPRO INC.
FIBERGLASS DOOR

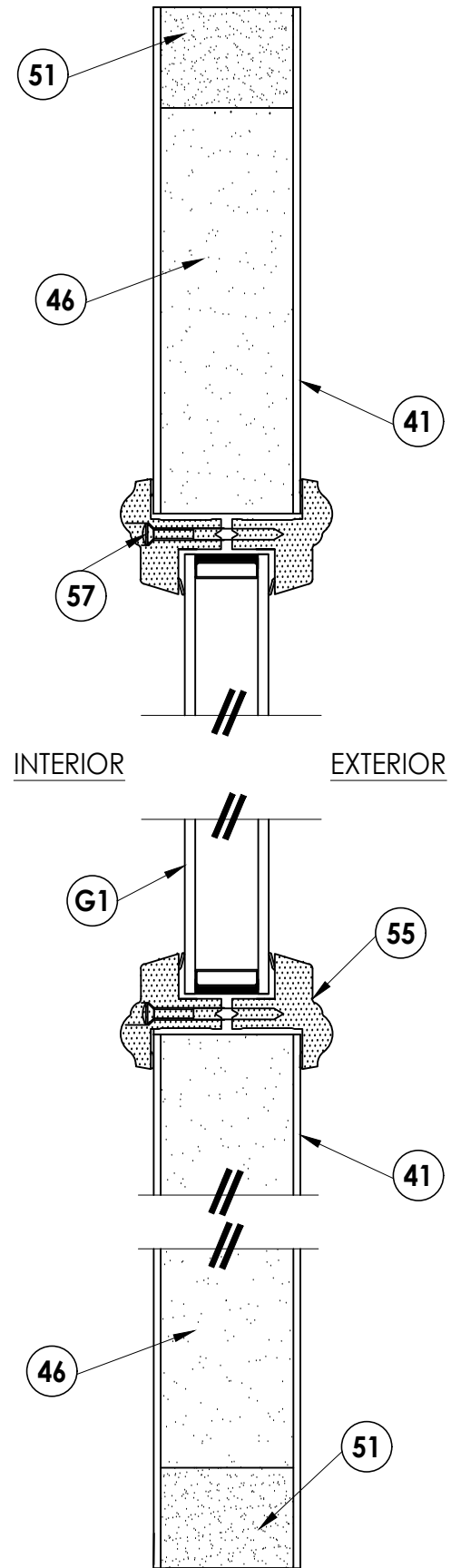
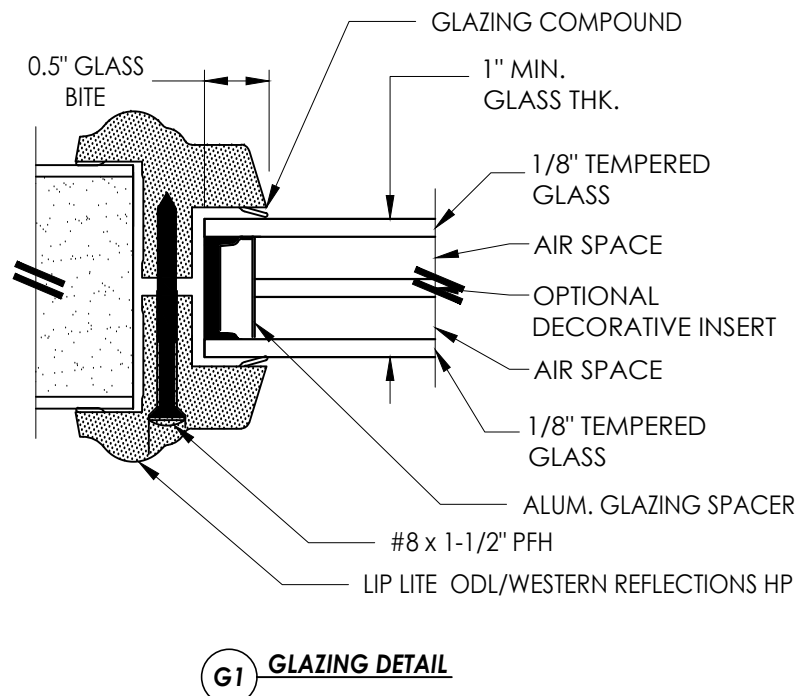
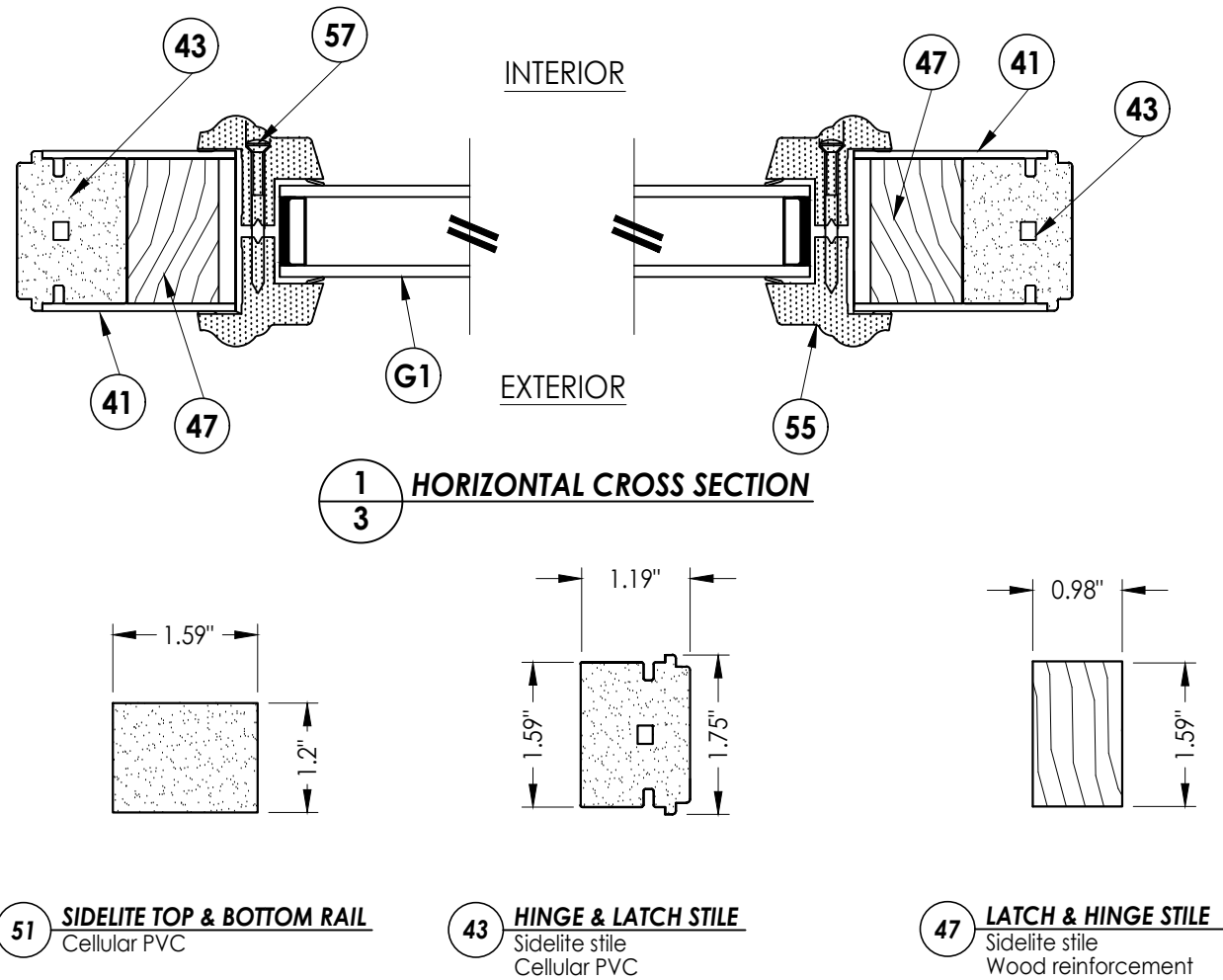
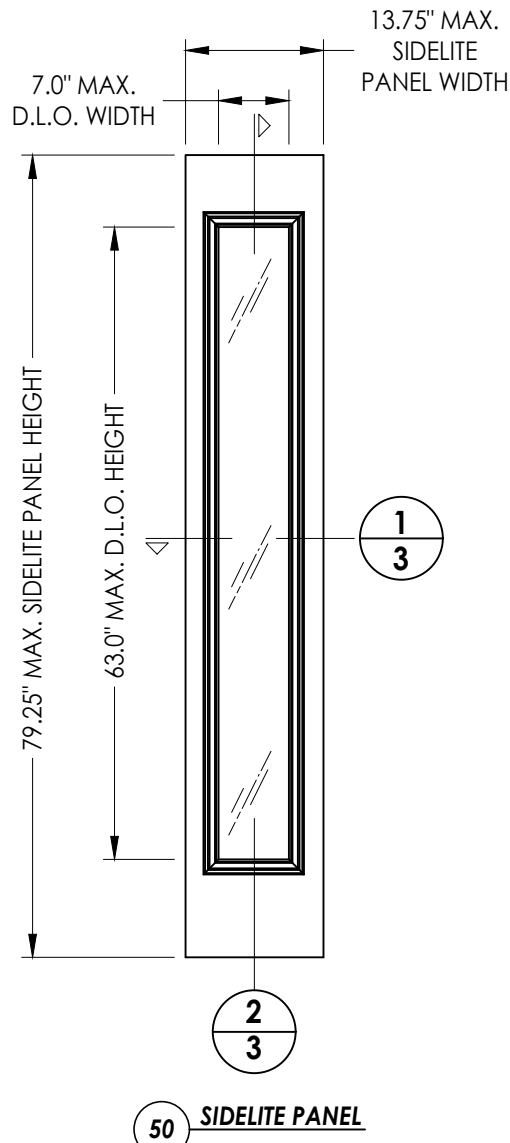
PART OR ASSEMBLY:

DOOR PANEL DETAILS

DEVIATIONS

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P.O. Box 230, Valrico, FL 33593
Phone No.: 813.659.9197
FBPE Registry No. 9813

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Documents Prepared By:
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FBPE Registry No. 9813

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
SIDELITE 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

DATE: 02/16/12

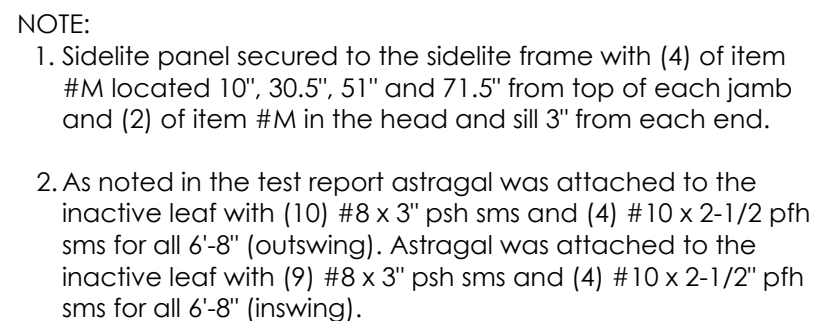
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DWG. BY: DT

CHK. BY: LFS

DRAWING NO.: FL-15213.18

SHEET 3 OF 11



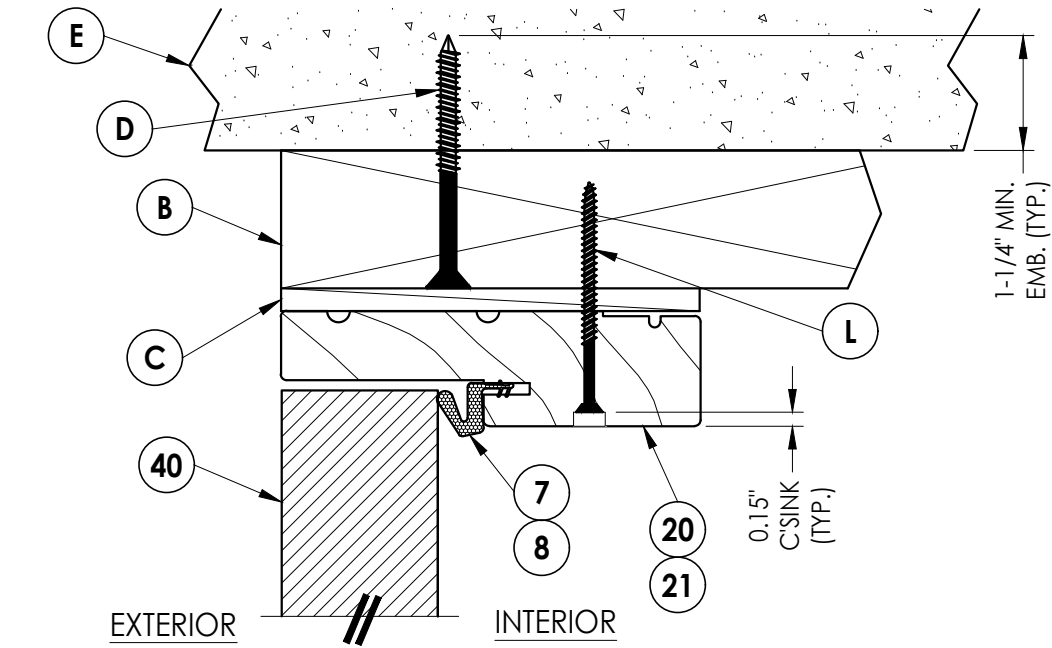
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SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15213.18
SHEET	4 OF 11

PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

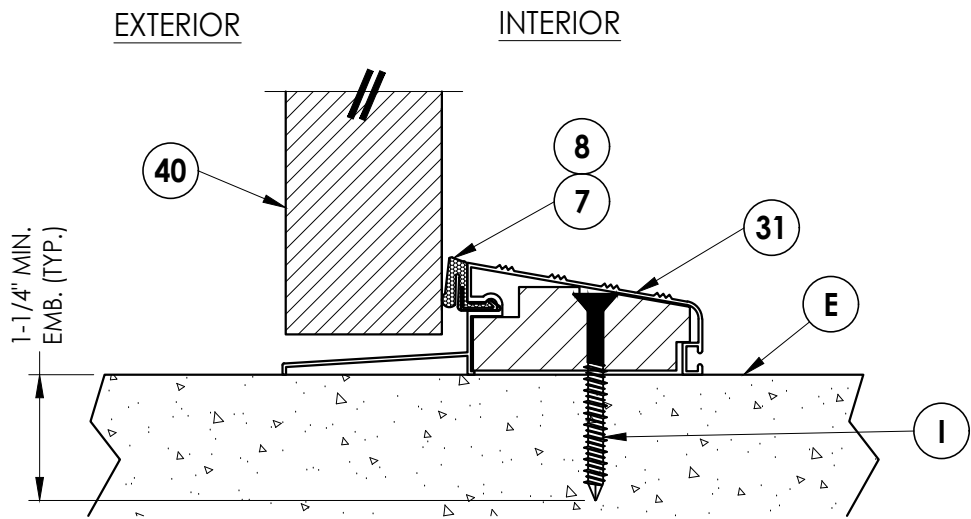
FIBERGLASS DOOR
PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

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Phone No.: 813.659.9197
FBPE Registry No. 9813

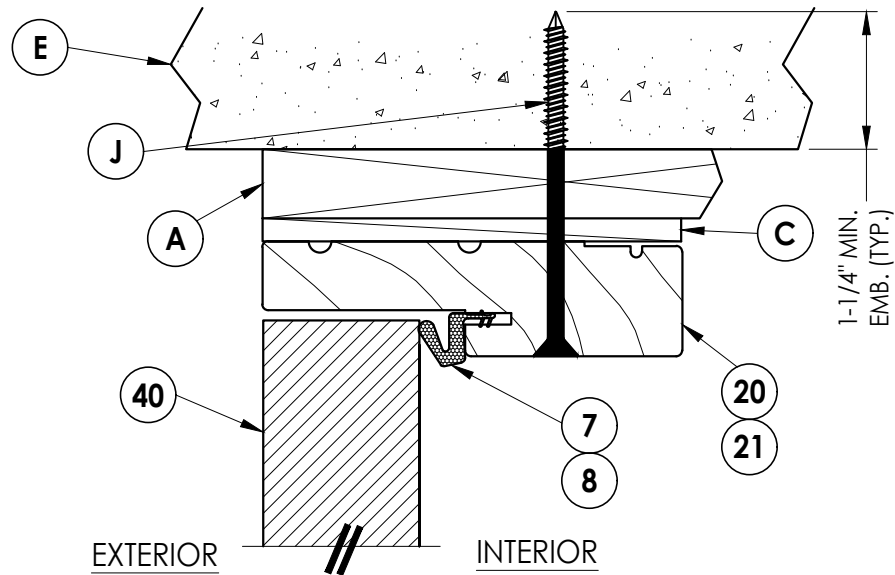
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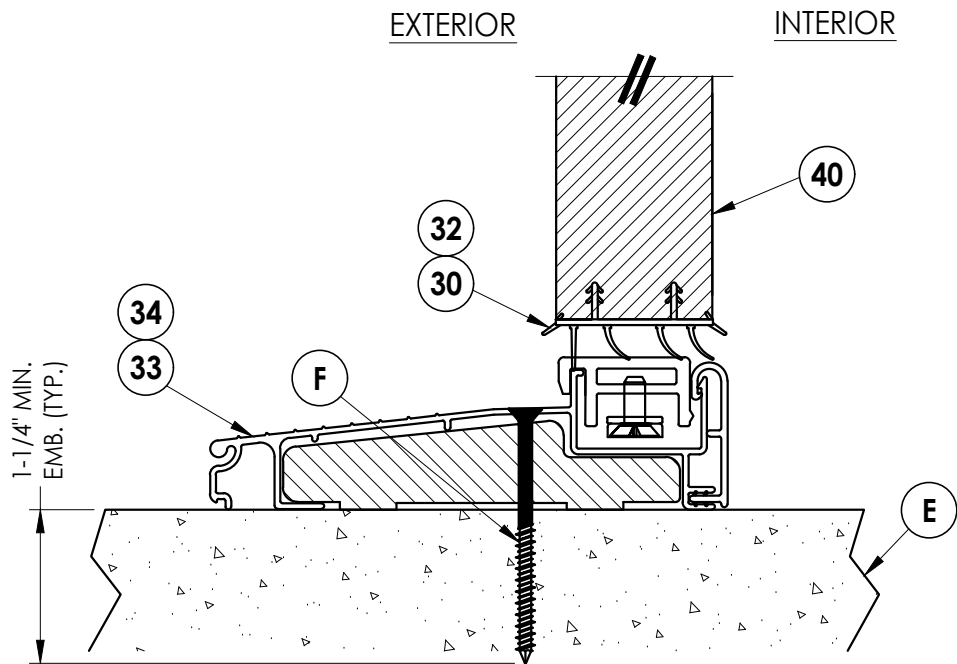
1
5 **VERTICAL CROSS SECTION**
Outswing shown - inswing
also approved



3
5 **VERTICAL CROSS SECTION**
Outswing configuration



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



4
5 **VERTICAL CROSS SECTION**
Inswing configuration

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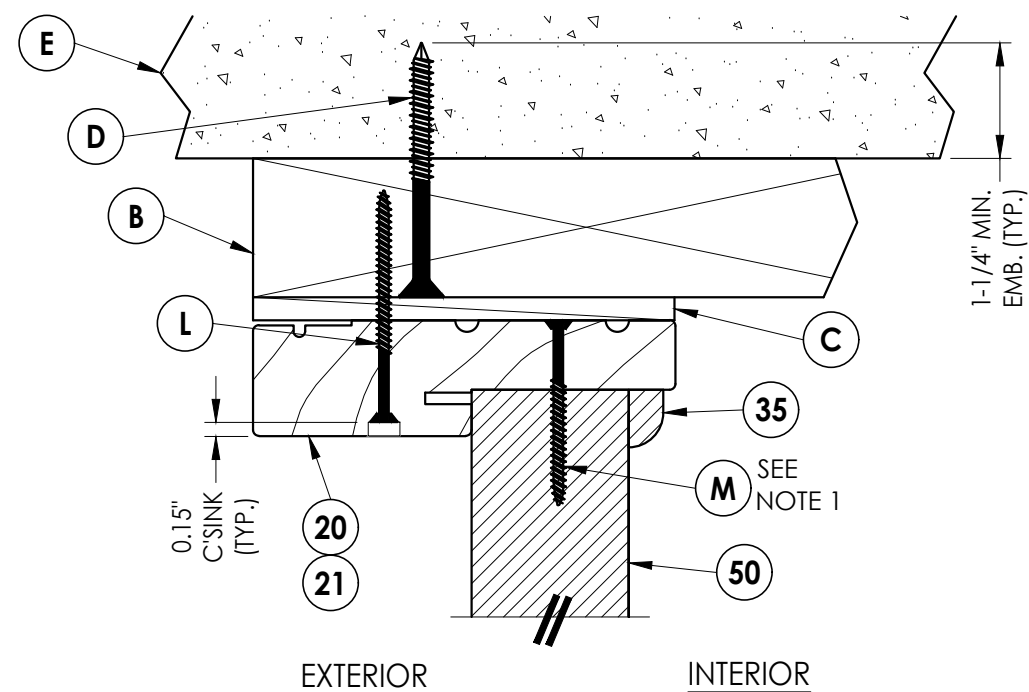
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PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR
PART OR ASSEMBLY:

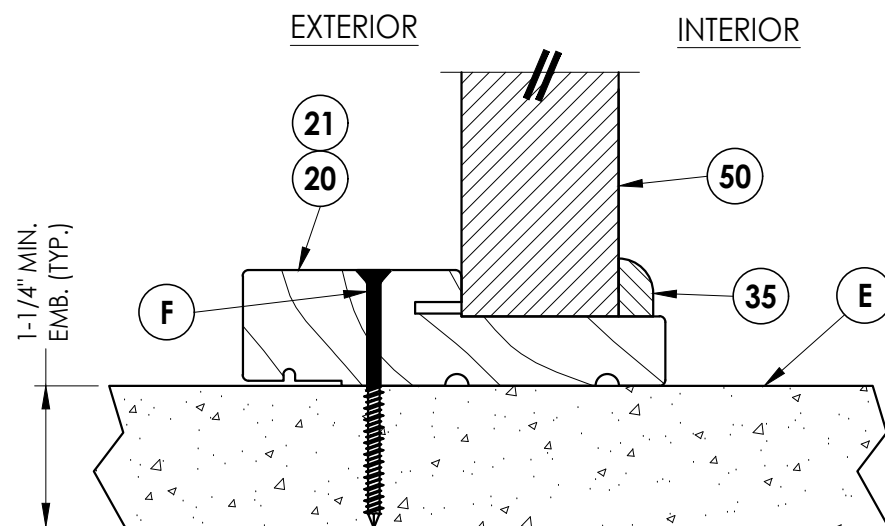
VERTICAL CROSS SECTIONS

NO.	DATE	REVISIONS
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3	7/27/20	UPDATE TO 7TH ED. (2020) FBC
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DATE:	02/16/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15213.18
SHEET	5 OF 11



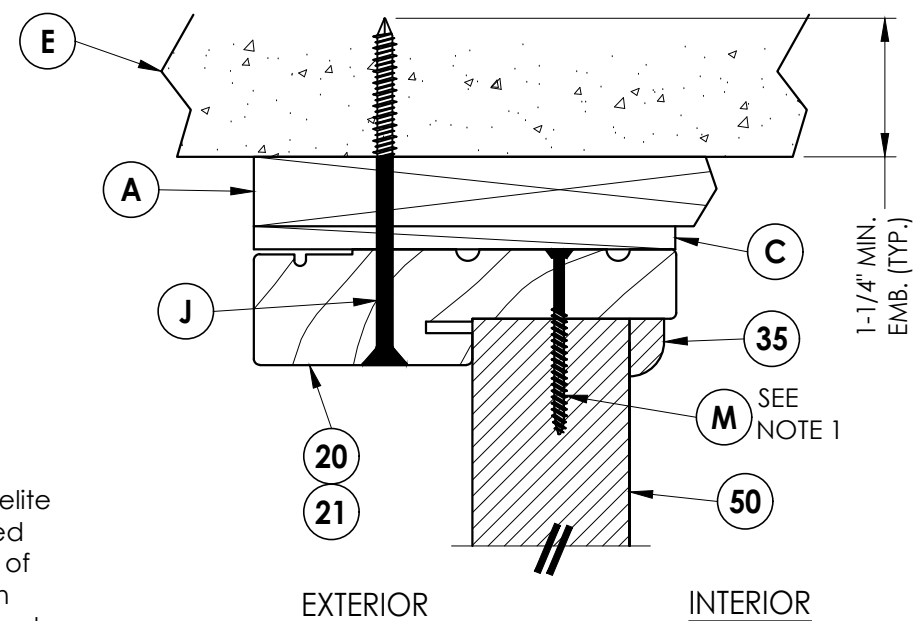
1 **VERTICAL CROSS SECTION**
6 Outswing shown - inswing
also approved



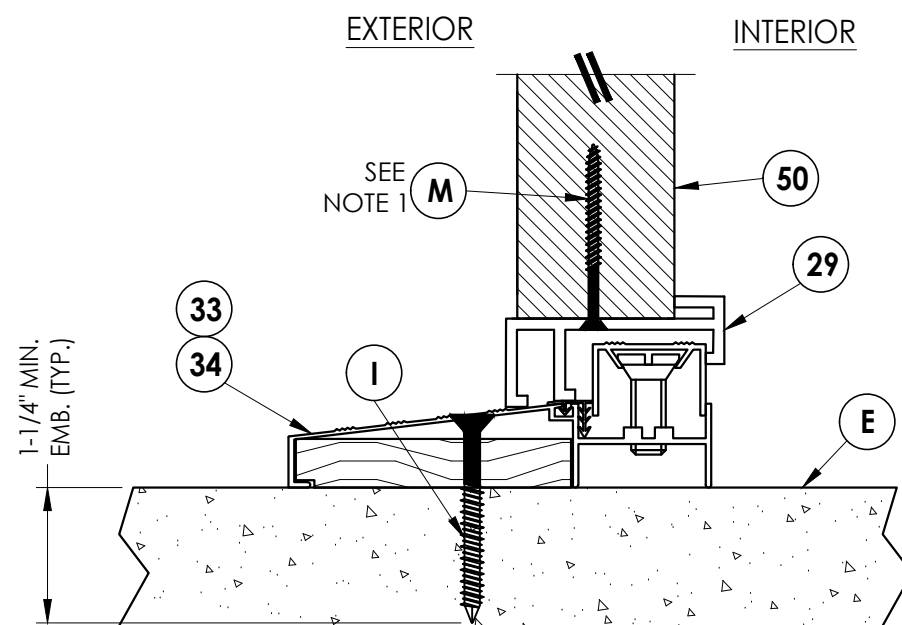
3 **VERTICAL CROSS SECTION**
6 Outswing shown - inswing
 also approved

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 and sill, 3" from each end



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



4 VERTICAL CROSS SECTION
6 Inswing configuration

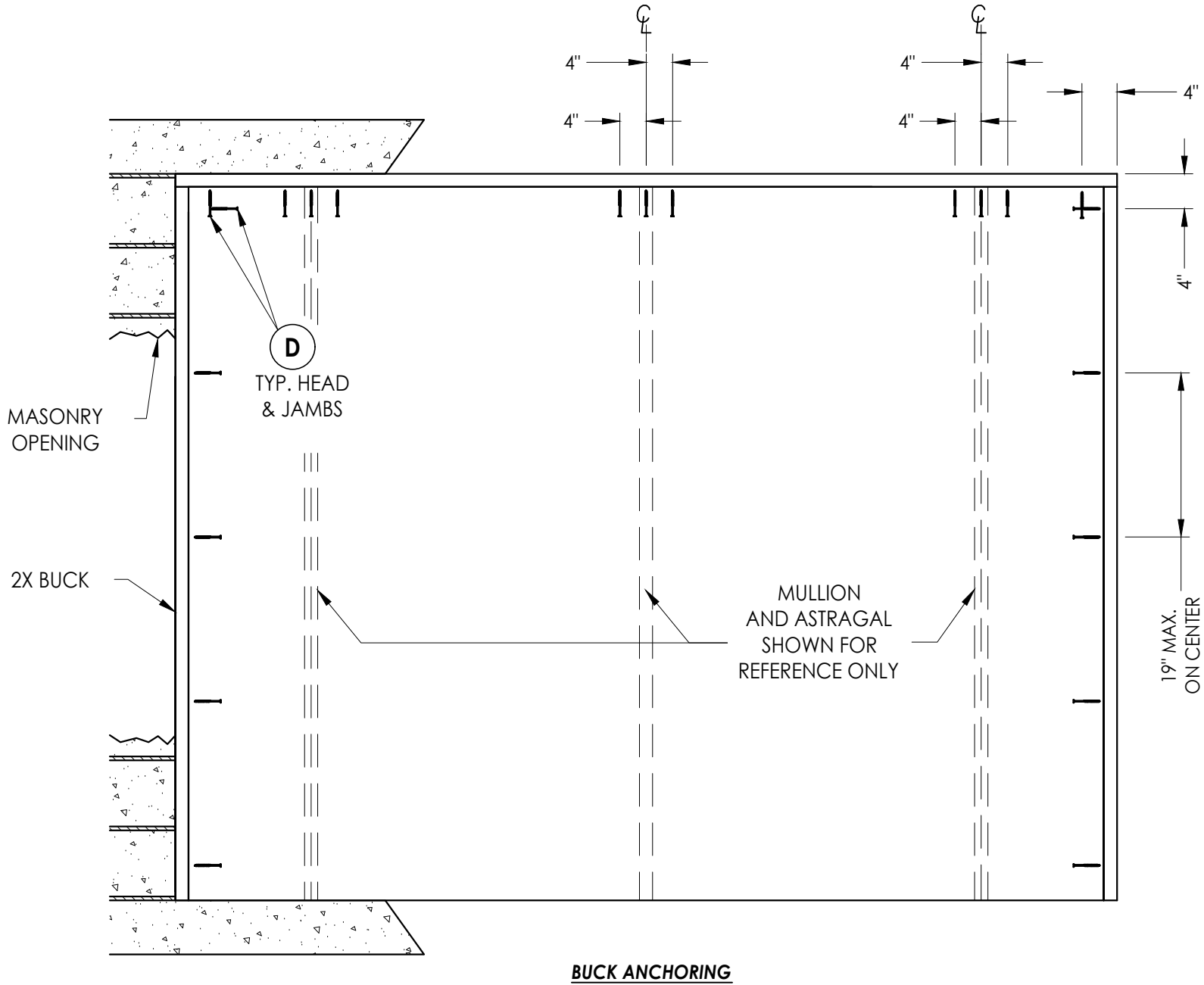
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1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK
NO.	DATE	REVISIONS		

DATE:	02/16/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15213.18
SHEET	6 OF 11

Documents Prepared By:
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Phone No.: 813.659.9197
FBPE Registry No. 9813

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BUCK ANCHORING

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 ULTRA-CON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

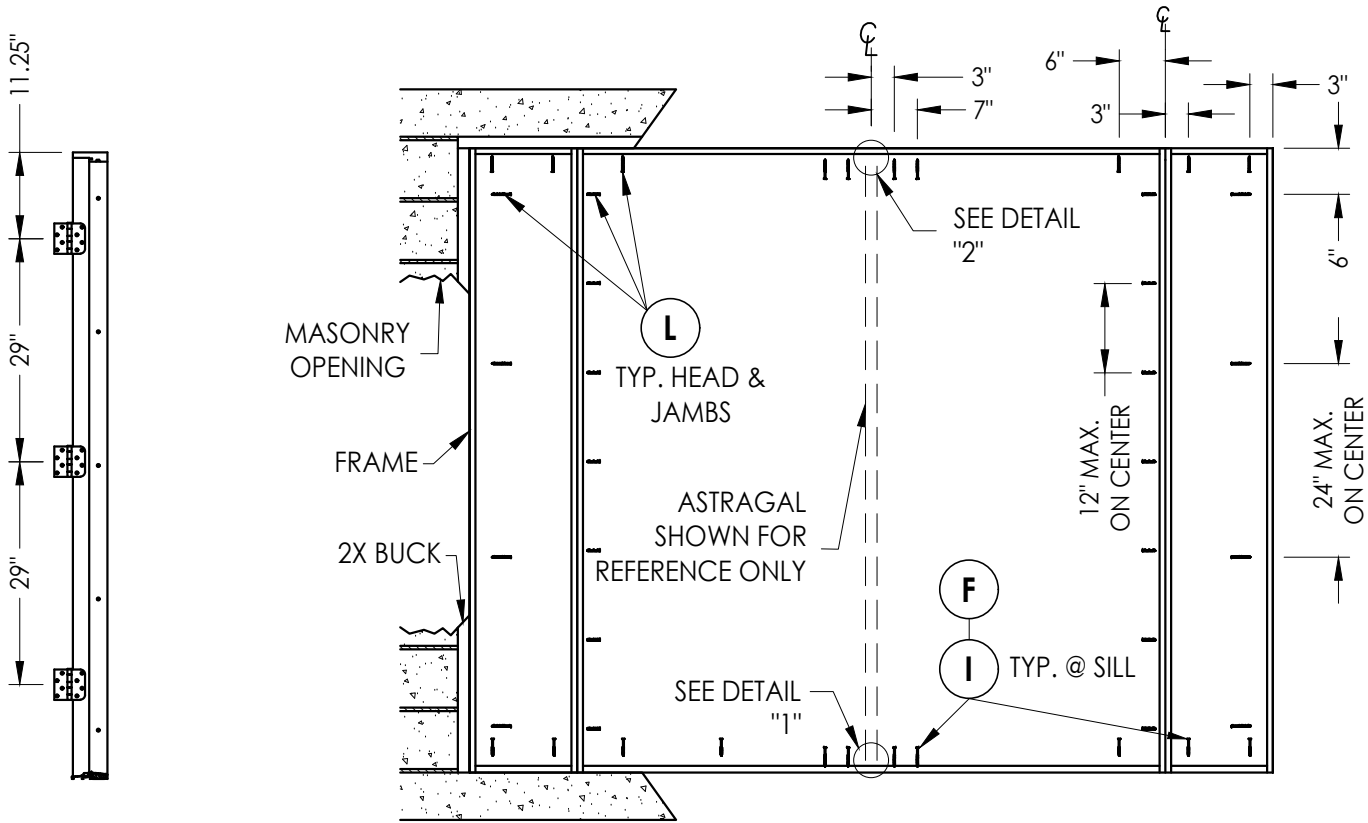
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

PRODUCT:		PART OR ASSEMBLY:	
PLASTPRO INC. FIBERGLASS DOOR		BUCK ANCHORING	
NO.	DATE	REVISIONS	
4	8/24/23	UPDATE TO 8TH ED. (2023) FBC	LFS
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SCALE: N.T.S.			
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CHK. BY: LFS			
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SHEET 7 OF 11			

Documents Prepared By:
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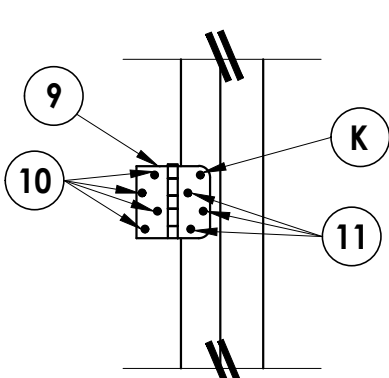
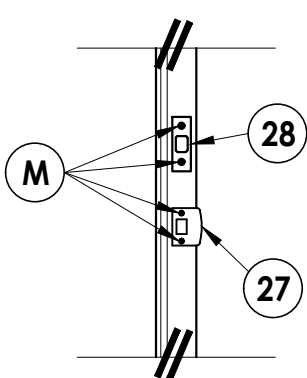
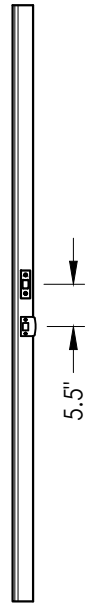
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HINGE JAMB

FRAME ANCHORING
Masonry 2X buck construction

ASTRAGAL STRIKE JAMB



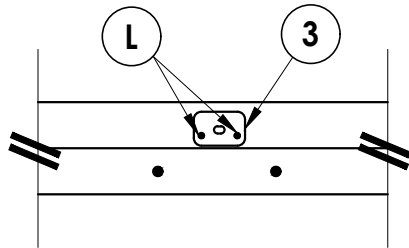
CONCRETE ANCHOR NOTES:

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:

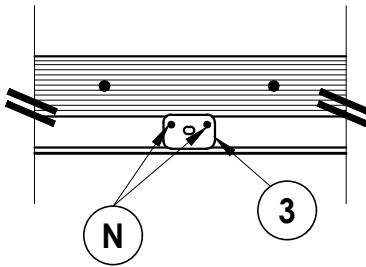
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

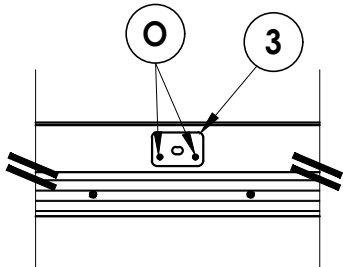
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



DETAIL 2



DETAIL 1
Inswing configuration



DETAIL 1
Outswing configuration

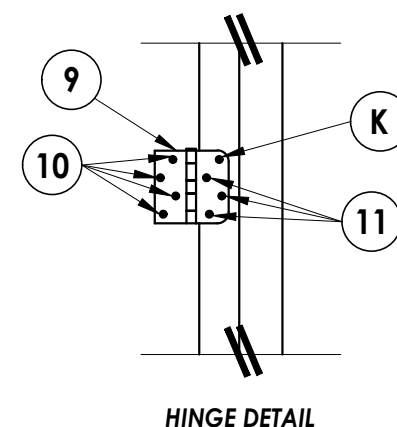
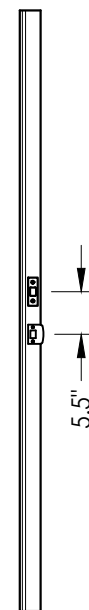
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

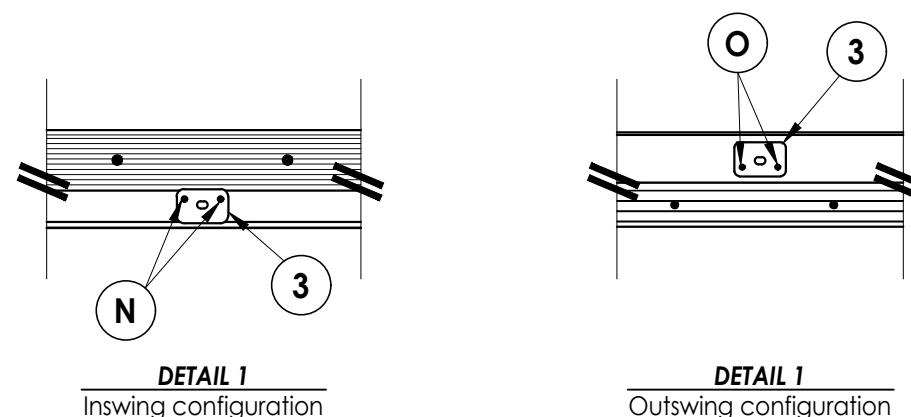
PART OR ASSEMBLY:
FRAME ANCHORING 2X
BUCK MASONRY CONSTRUCTION

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

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4	8/24/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	7/27/20	UPDATE TO 7TH ED. (2020) FBC LFS
2	10/19/17	UPDATE TO 6TH ED. (2017) FBC LFS
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		
DRAWING NO.: FL-15213.18		
SHEET 8 OF 11		

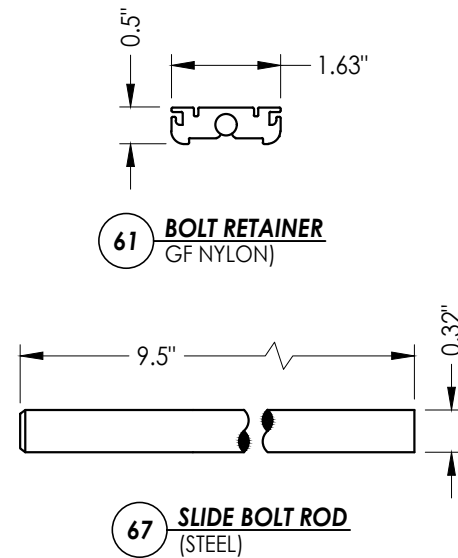
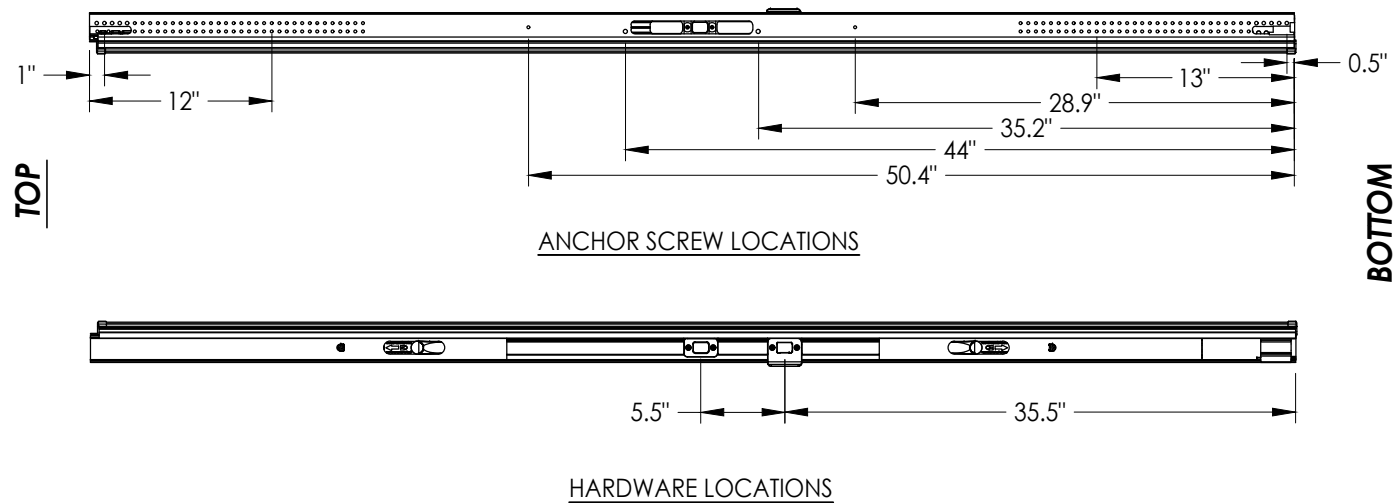
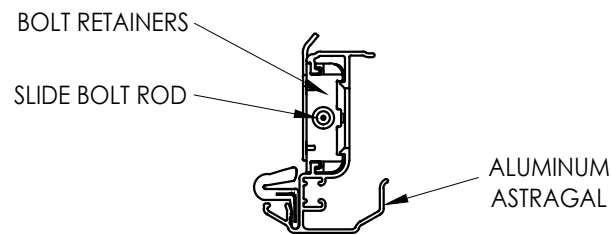
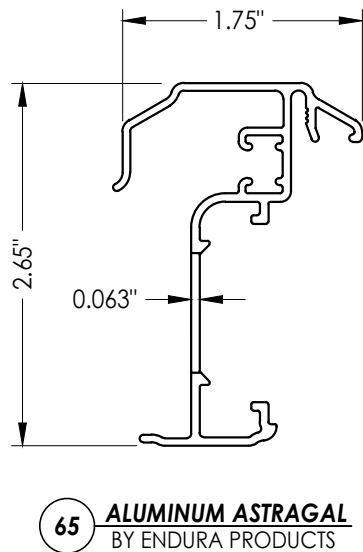


ASTRAGAL STRIKE JAMB



1. 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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ULTIMATE HURRICANE ASTRAGAL

ALUMINUM ASTRAGAL ASSEMBLY

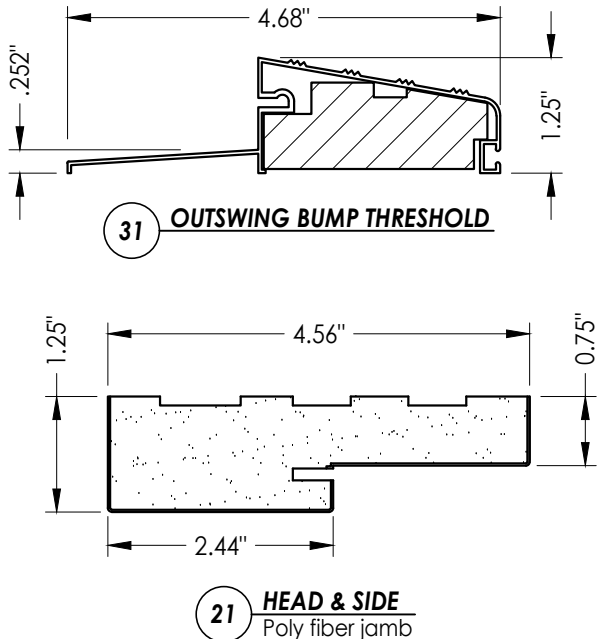
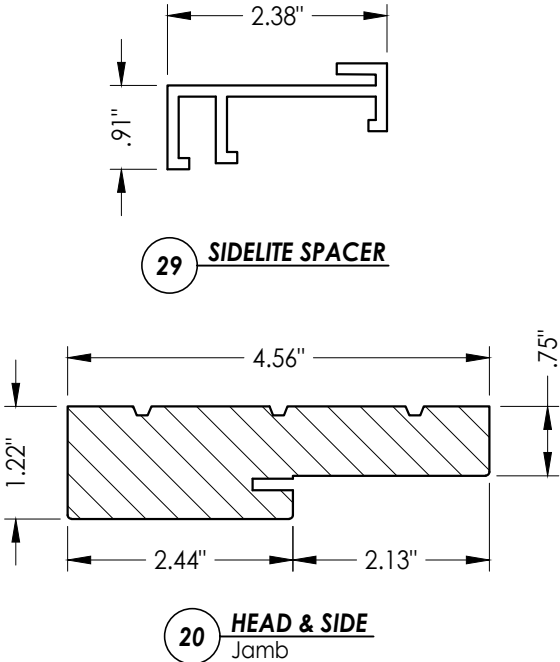
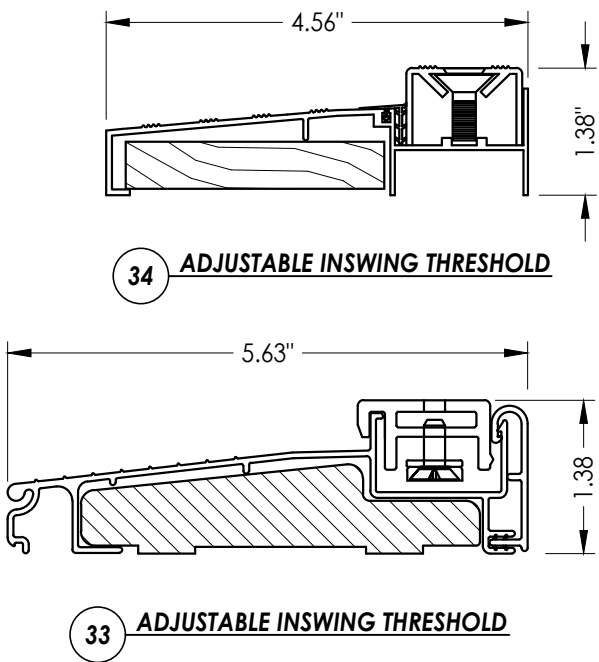
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Documents Prepared By:
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P.E. No. 43409

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Phone No.: 813.659.9197
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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
			32	VINYL DOOR BOTTOM SWEEP #3628 BY HOLM IND.	PVC
F	1/4" X 2-3/4" PFH ITW CONCRETE SCREW	STEEL	33	INSWING ADJUSTABLE THRESHOLD BY ENDURA	ALUM. / WOOD
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL	34	INSWING ADJUSTABLE ALUMINUM THRESHOLD BY DLP	ALUM. / WOOD
I	1/4" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL	35	SHOE MOULD 5/8" X 3/8"	WOOD
J	1/4" X 3-3/4" PFH ITW CONCRETE SCREW	STEEL	40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
K	#10 X 2" PFH WOOD SCREW	STEEL	41	DOOR SKIN (MIN. 0.075" THICK)	FIBERGLASS
L	#10 X 2-1/2" PFH WOOD SCREW	STEEL	42	TOP RAIL	CELLULAR PVC
M	#8 X 2" PFH WOOD SCREW	STEEL	43	LATCH & HINGE STILE	CELLULAR PVC
N	3/16" X 3-1/2" PFH ITW CONCRETE SCREW	STEEL	44	LOCK REINFORCEMENT	WOOD
O	3/16" X 1-1/2" PFH ITW CONCRETE SCREW	STEEL	45	BOTTOM RAIL	CELLULAR PVC
1	#10 X 2-1/2" PFH SMS	STEEL	46	POLYURETHANE FOAM BY NAN YA	POLYURETHANE
2	#8 X 3" PSH SMS	STEEL	47	CONTINUOUS LATCH & HINGE STILE REINFORCEMENT	WOOD
3	FLUSH BOLT STRIKE PLATE	STEEL	49	GLAZING COMPOUND DOW 995	SILICONE
7	FORCE 5 WEATHER STRIPPING BY ENDURA	FOAM	50	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
8	COMPRESSION WEATHER STRIP QLON 650 BY SCHLEGEL	FOAM	51	SIDELITE TOP & BOTTOM RAIL	CELLULAR PVC
9	4" X 4" BUTT HINGE	STEEL	55	LIP LITE ODL/WESTERN REFLECTIONS HP	POLYPROPYLENE
10	#9 X 1" PFH WOOD SCREW	STEEL	56	ALUM. GLAZING SPACER	ALUM.
11	#9 X 3/4" PFH WOOD SCREW	STEEL	57	#8 x 1-1/2" PFH LITE FRAME SCREW	STEEL
17	KWIKSET KEYED ENTRY - SIGNATURE SERIES	STEEL	61	BOLT RETAINER	NYLON
18	KWIKSET DEADBOLT - SIGNATURE SERIES (780)	STEEL	65	ASTRAGAL BY ENDURA PRODUCTS	ALUMINUM
20	FINGER JOINTED PINE FRAME, HEAD & HINGE JAMBS	WOOD	67	SLIDE BOLT ROD	STEEL
21	POLYFIBER JAMB	COMP. / VINYL			



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	
4	8/24/23	UPDATE TO 8TH ED. (2023) FBC	LFS
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