



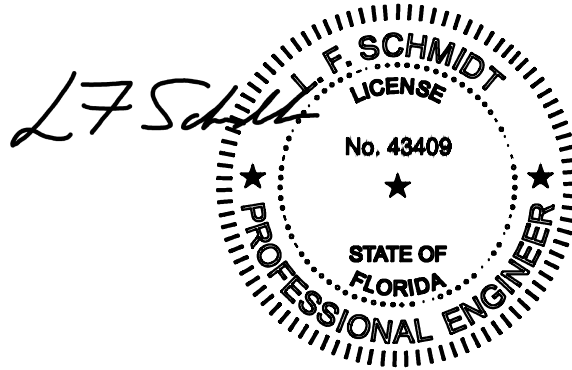
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

Smooth / Wood Grain / White Wood Grain
Rustic / Mahogany
Series Fiberglass Door
INSWING / OUTSWING
"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 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. The sidelite must 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.

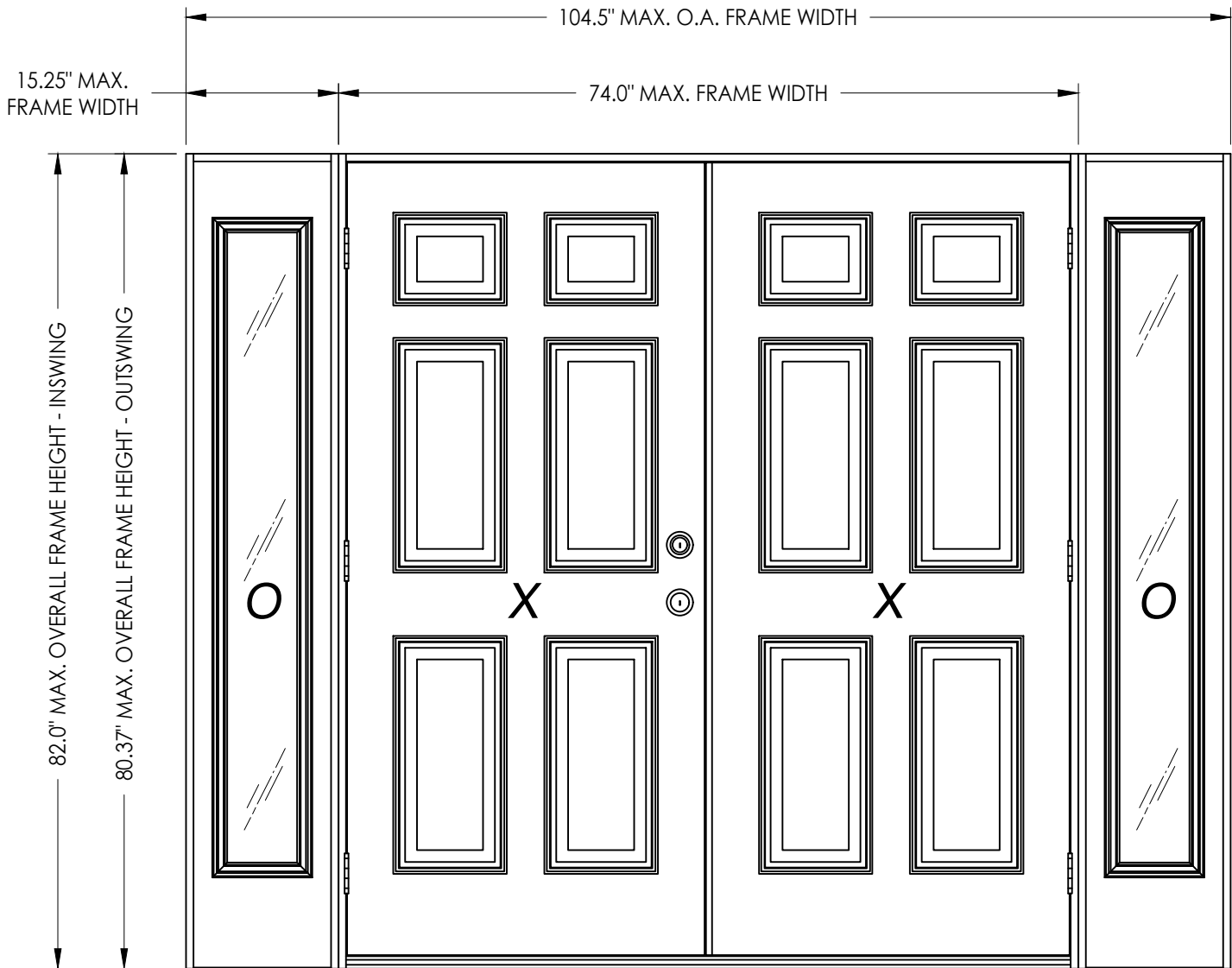
TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevation, design pressures, & general notes
2	Door panel details
3	Sidelite panel details
4	Horizontal cross sections
5	Vertical cross sections
6	Vertical cross sections
7	Buck and frame anchoring - 2X buck masonry construction
8	Frame anchoring - 1X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



Digitally signed by Lyndon F Schmidt
Date: 2023.08.24 10:22:55 -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	SIDELITE D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
INSWING	104.5" x 82.0"	7.0" x 63.0"	G1	+50.0	-50.0
OUTSWING	104.5" x 80.37"	7.0" x 63.0"			

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

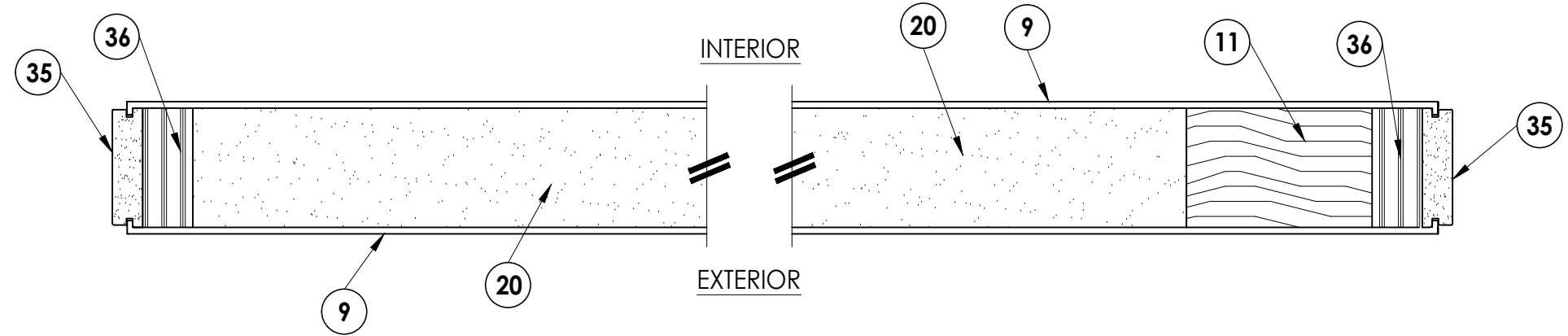
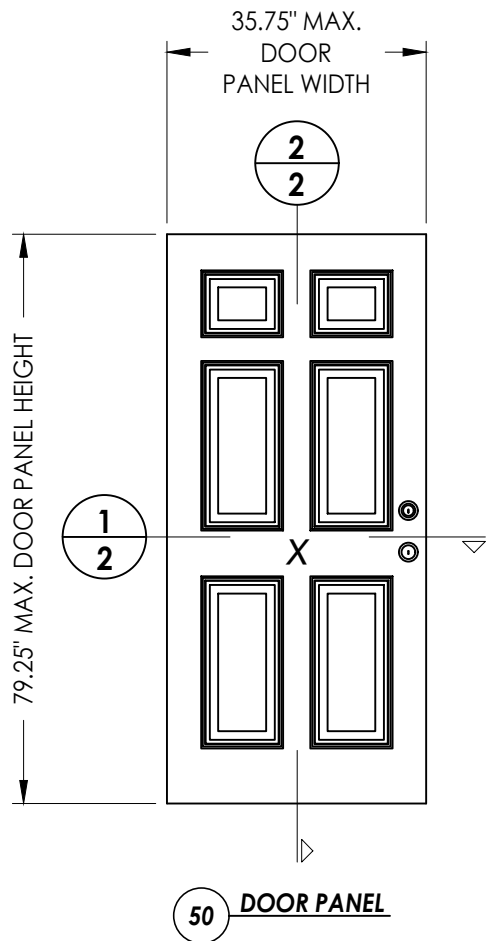
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR
PART OR ASSEMBLY:
TYPICAL ELEVATION, DESIGN
PRESSURE & GENERAL NOTES

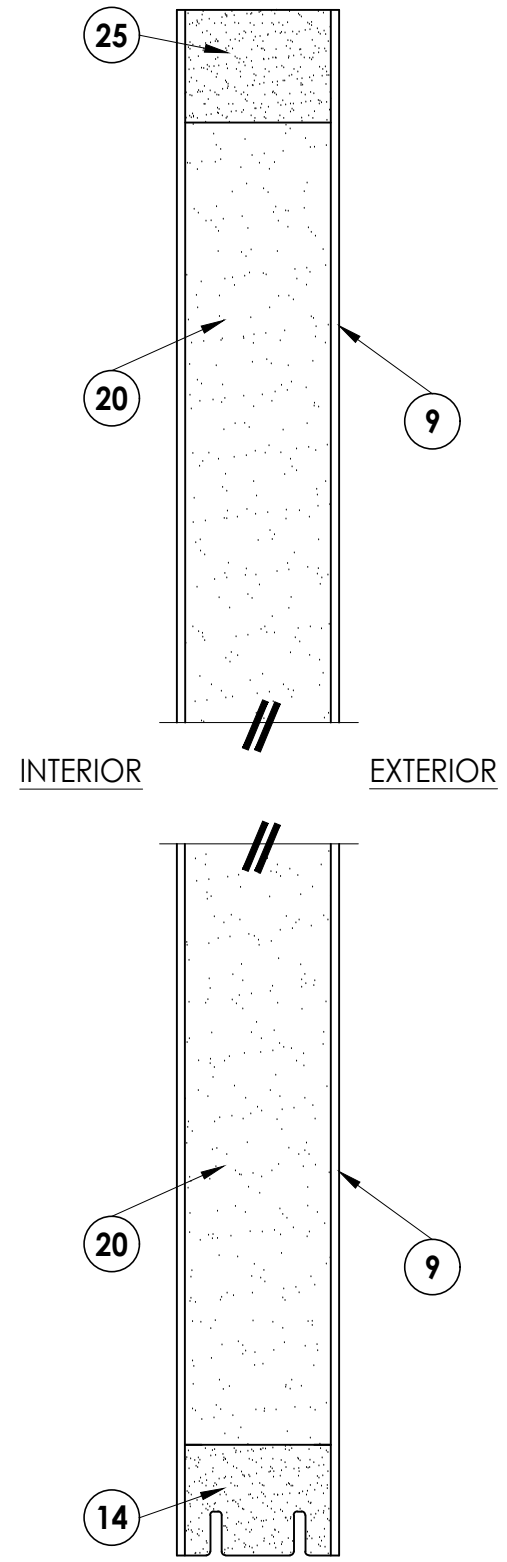
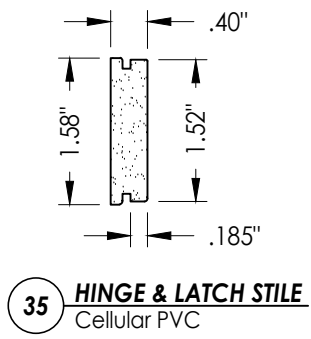
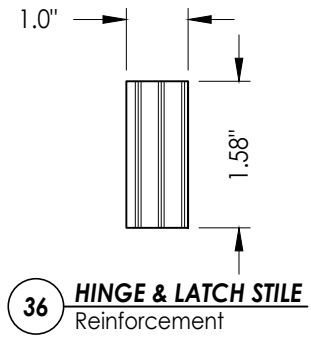
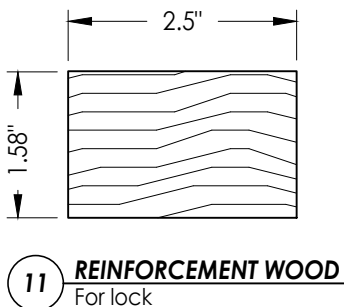
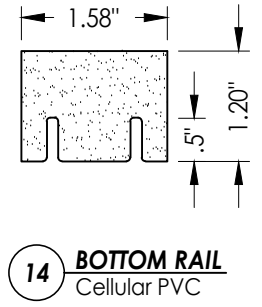
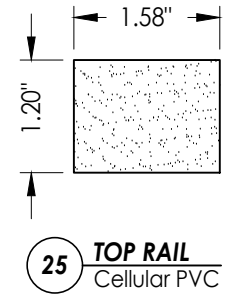
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3	7/27/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
2	10/19/17	UPDATE TO 6TH ED. (2017)	FBC	LFS	
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK	

DATE: 02/16/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-15213.8
SHEET 1 OF 10

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1
2 HORIZONTAL CROSS SECTION



2
2 VERTICAL CROSS SECTION

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

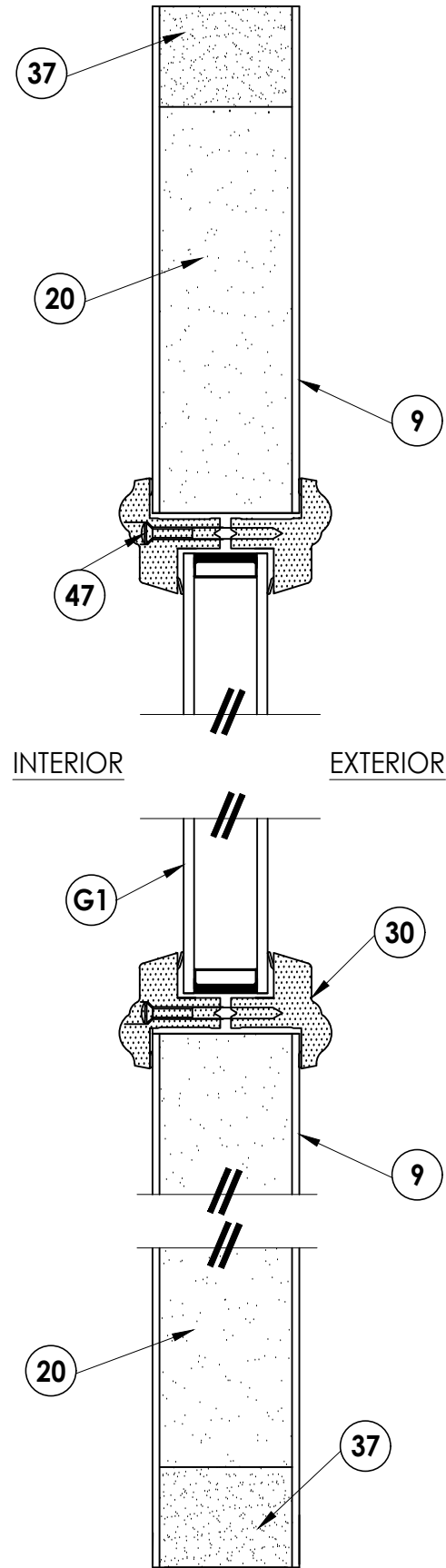
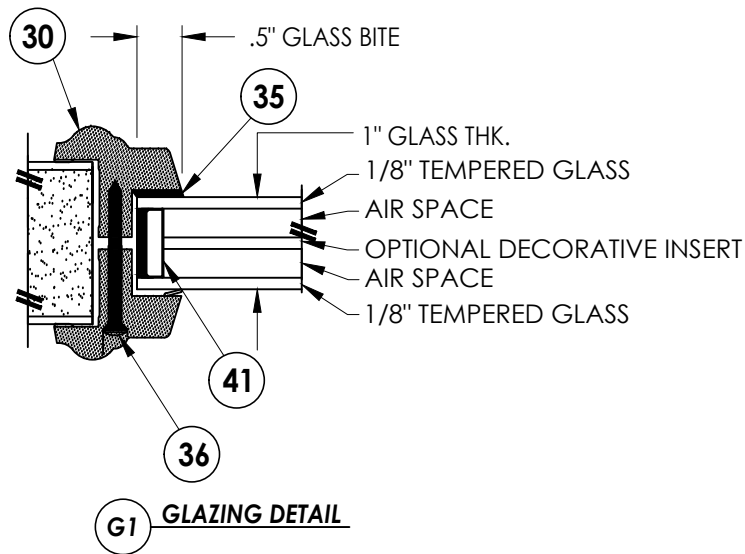
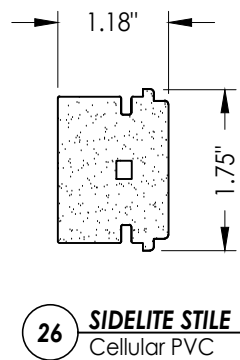
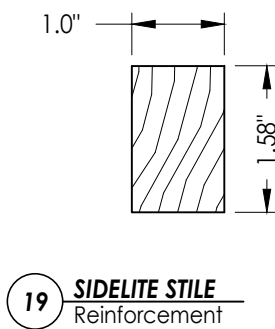
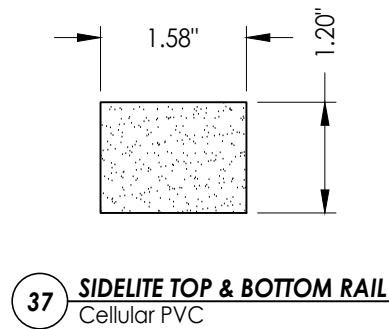
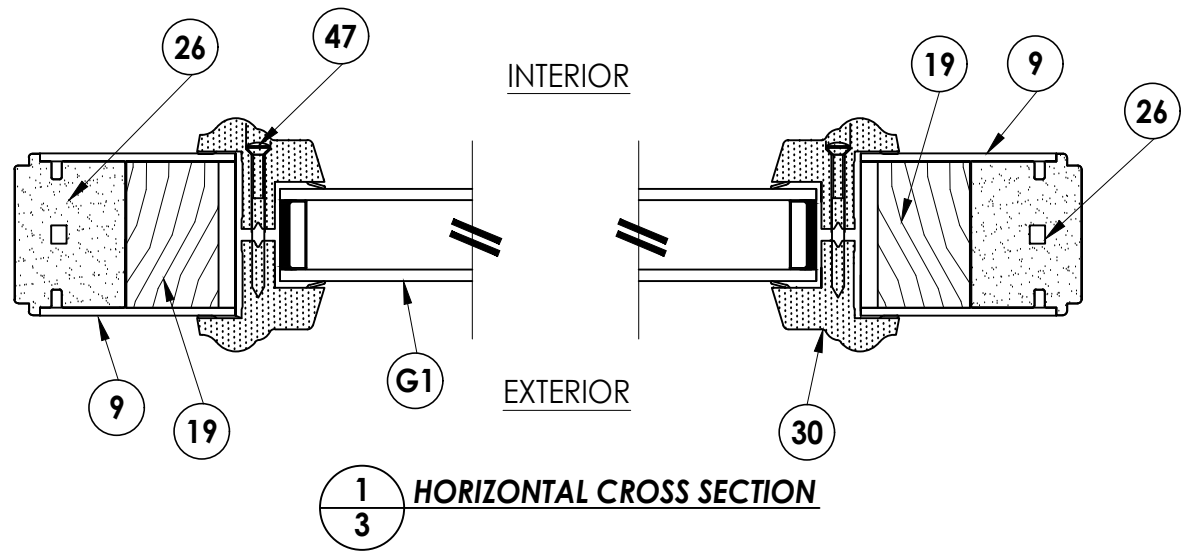
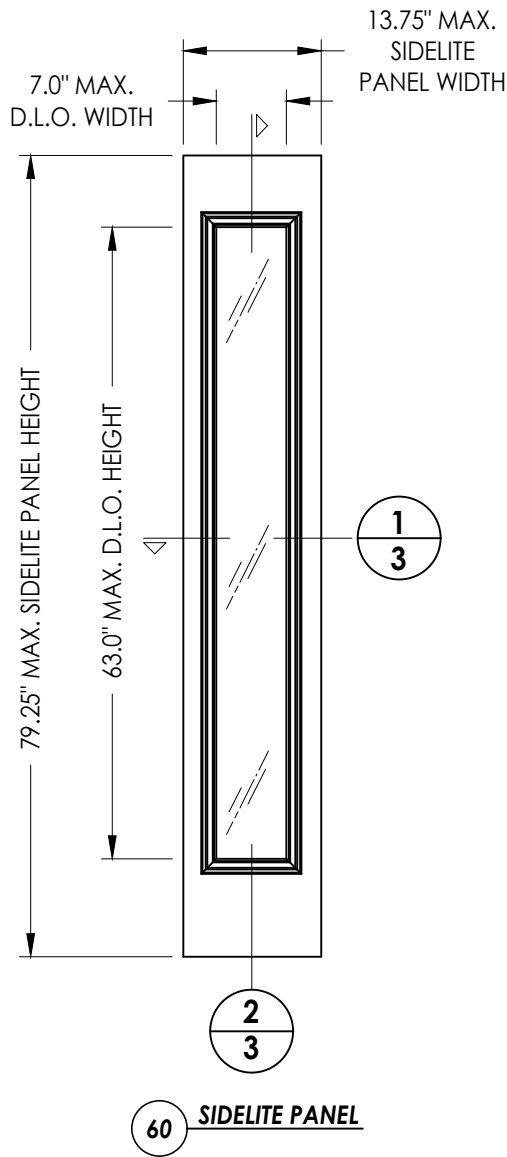
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SCALE:	N.T.S.
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CHK. BY:	LFS
DRAWING NO.:	FL-15213.8
SHEET	2 OF 10

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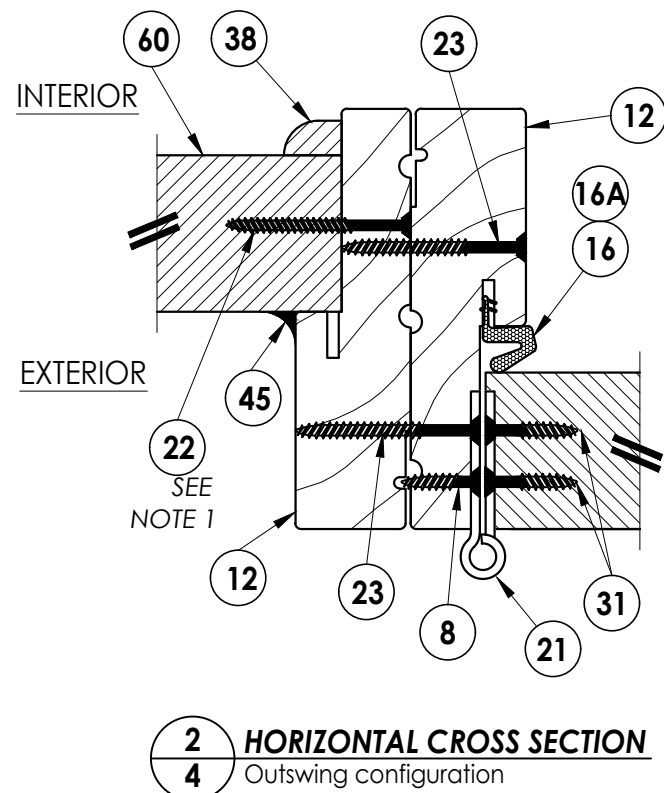
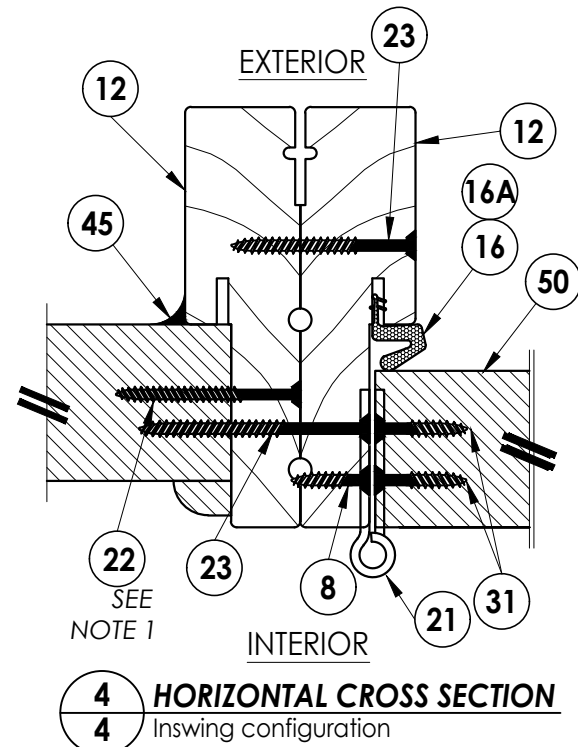
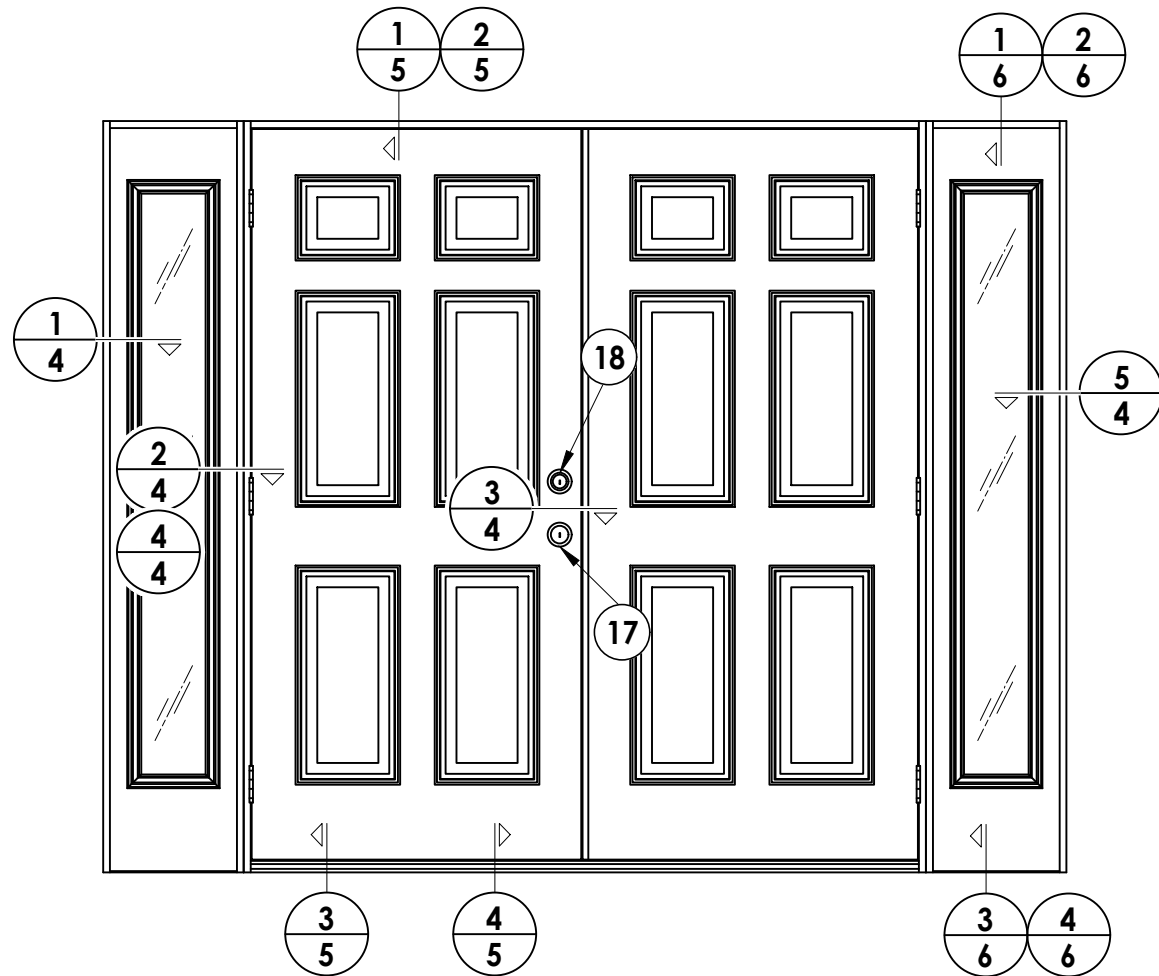
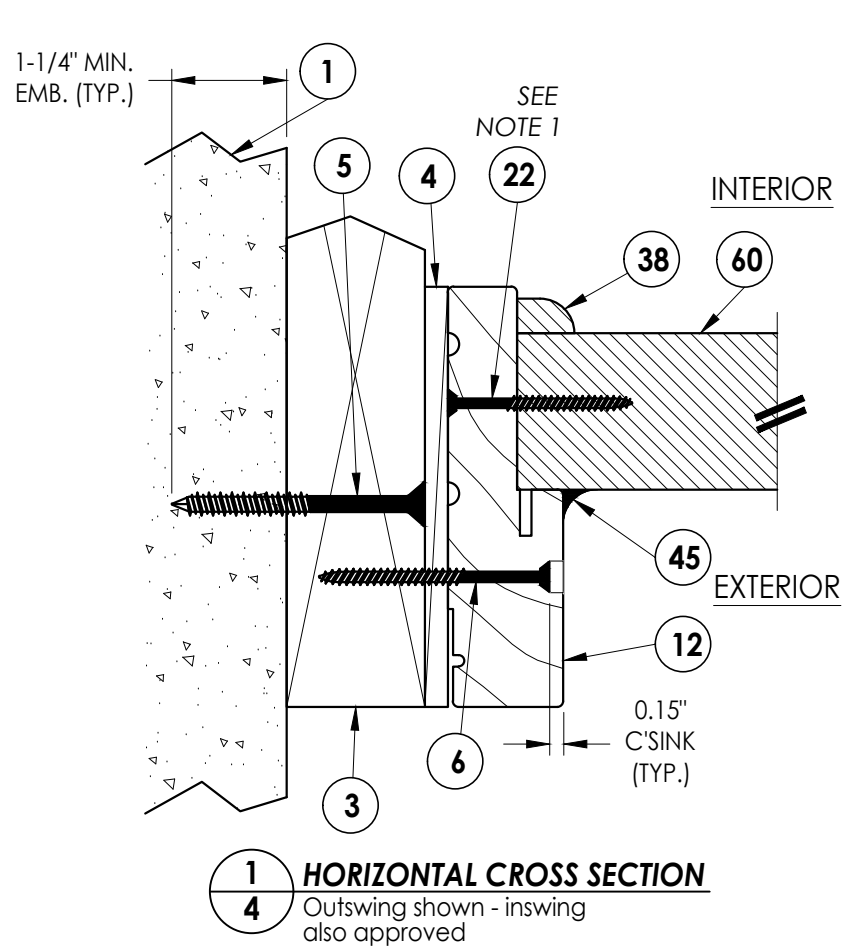


PRODUCT:		PLASTPRO INC. FIBERGLASS DOOR		PART OR ASSEMBLY:		SIDELITE PANEL DETAILS	
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3	7/27/20	UPDATE TO 7TH ED. (2020)	FBC	LFS			
2	10/19/17	UPDATE TO 6TH ED. (2017)	FBC	LFS			
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK			
		NO. DATE		BY			
REVISIONS							
DATE: 02/16/12							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-15213.8							
SHEET 3 OF 10							

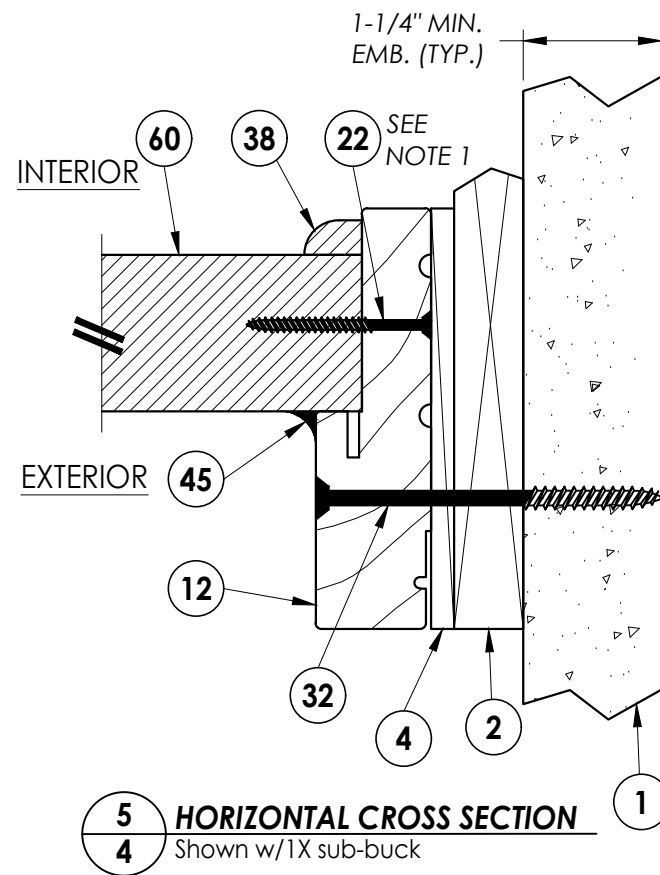
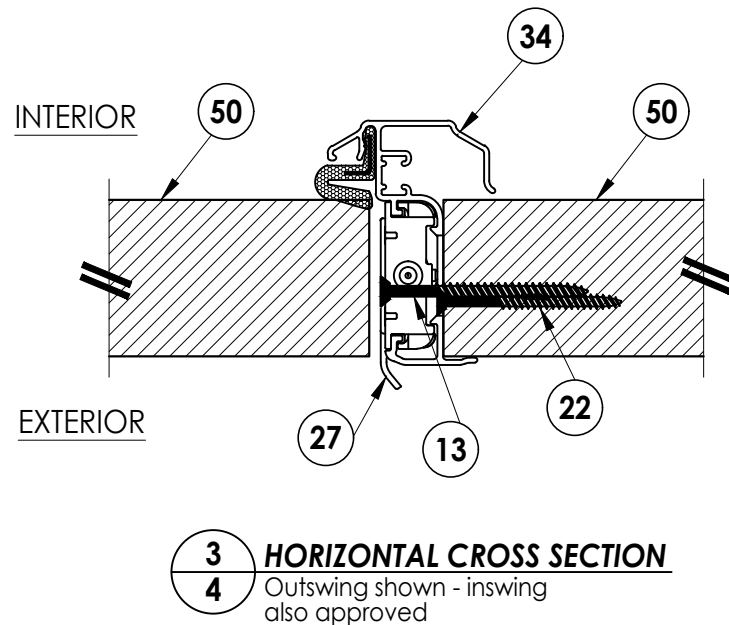
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

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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



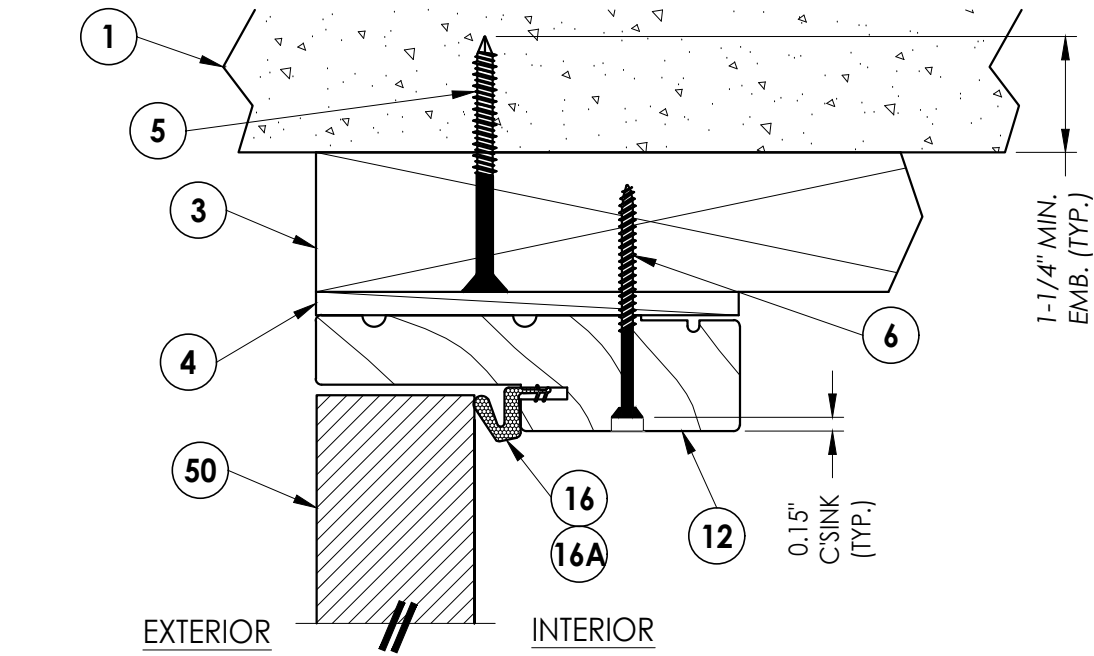
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FBPE Registry No. 9813

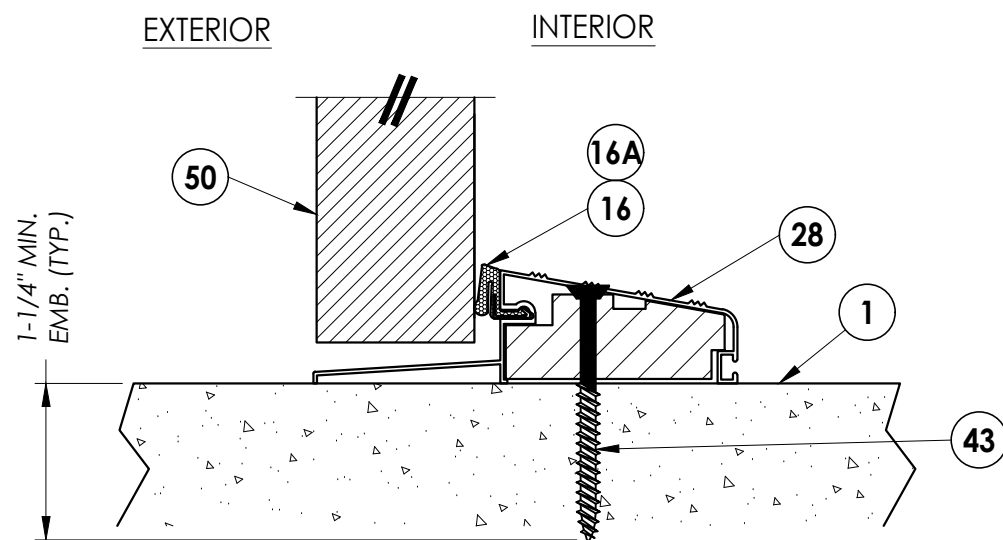
PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR
PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

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
JK		
BY		

DATE: 02/16/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15213.8
SHEET 4 OF 10

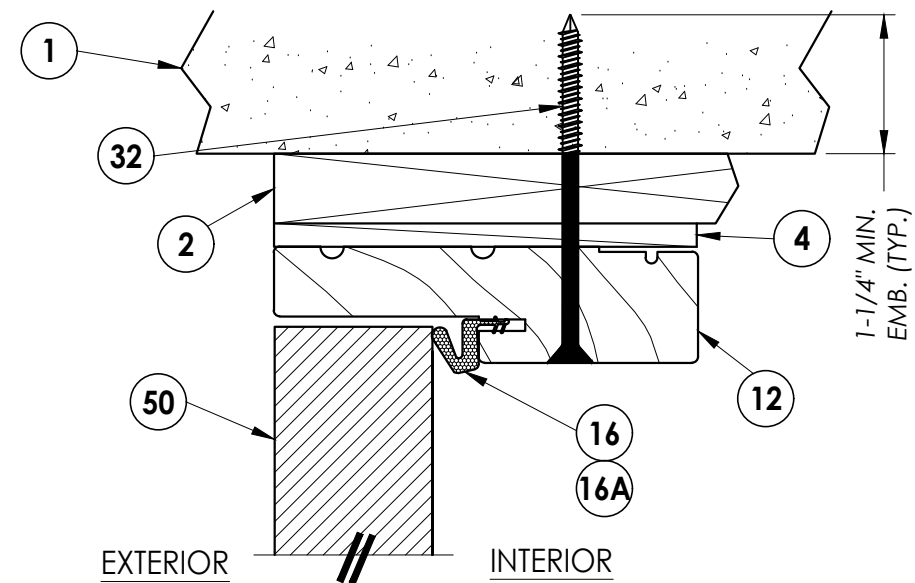


1 **VERTICAL CROSS SECTION**
5 Outswing shown - inswing
also approved

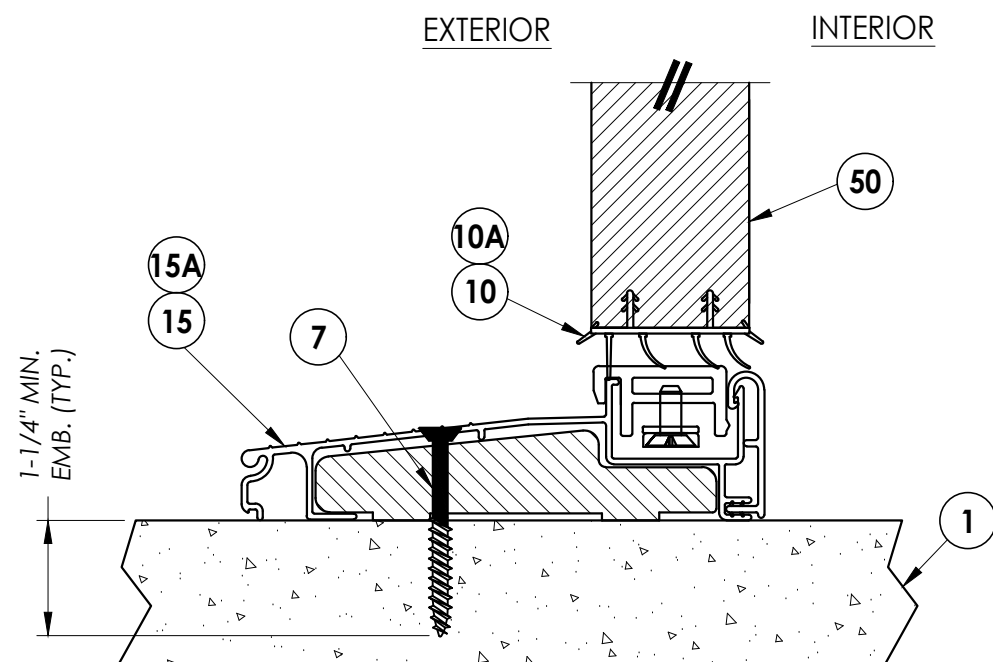


3 VERTICAL CROSS SECTION

5 Outswing configuration



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



4 VERTICAL CROSS SECTION
5 Inswing configuration

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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*

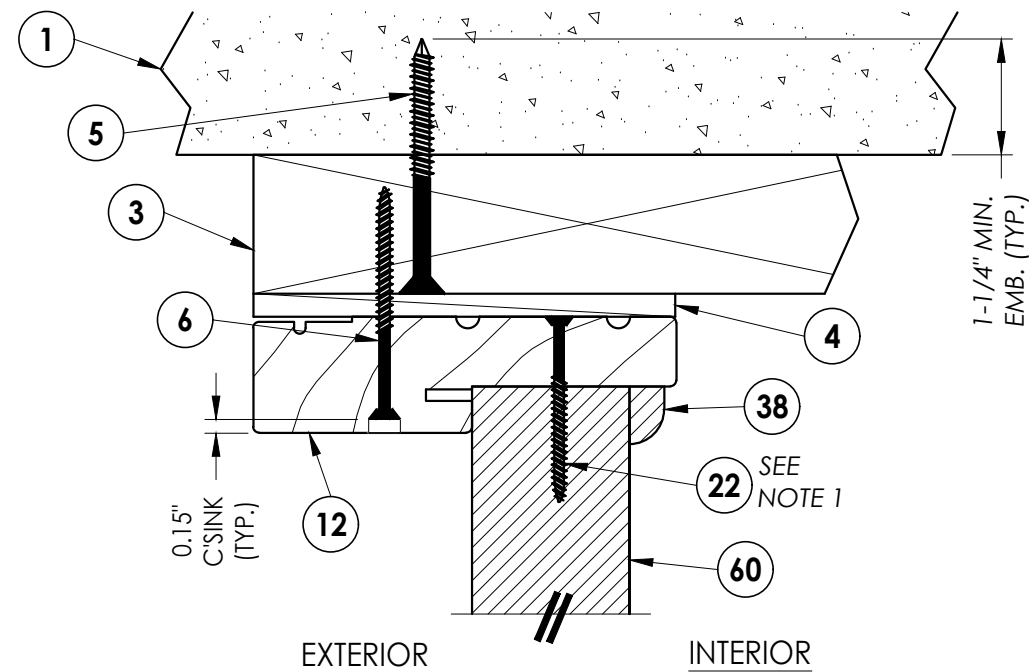
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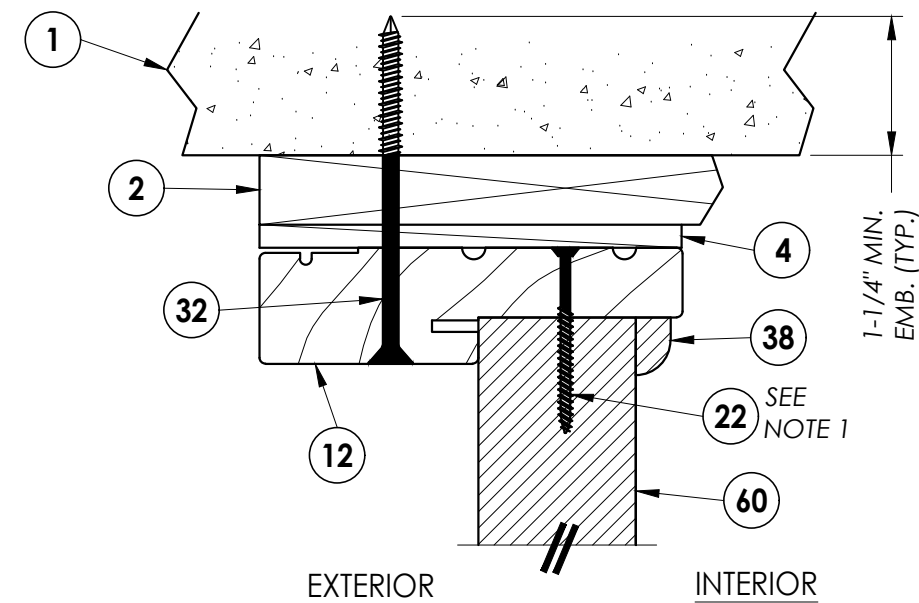
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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P.O. Box 230 Valrico, FL 33487

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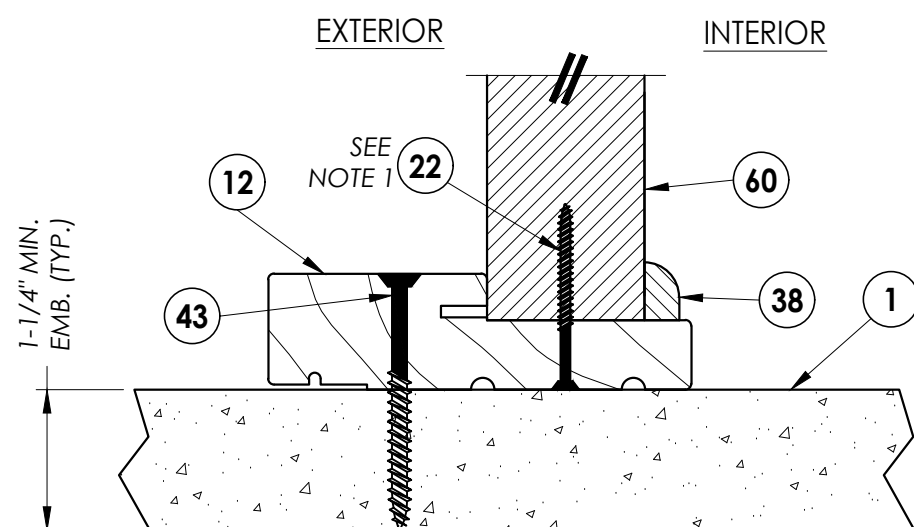
1 **VERTICAL CROSS SECTION**
6 Outswing shown - inswing
also approved



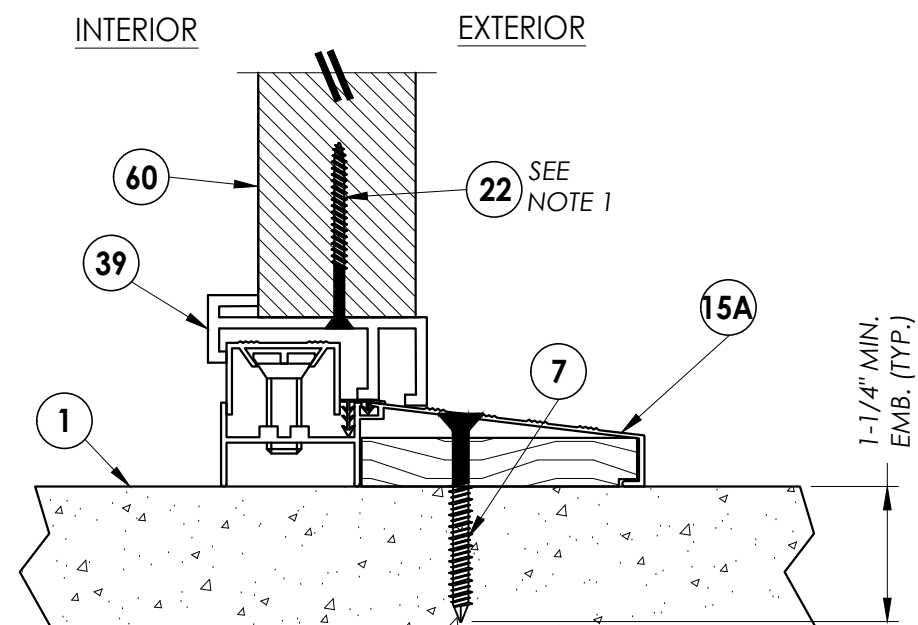
2 VERTICAL CROSS SECTION
6 Shown w/1X sub-buck

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



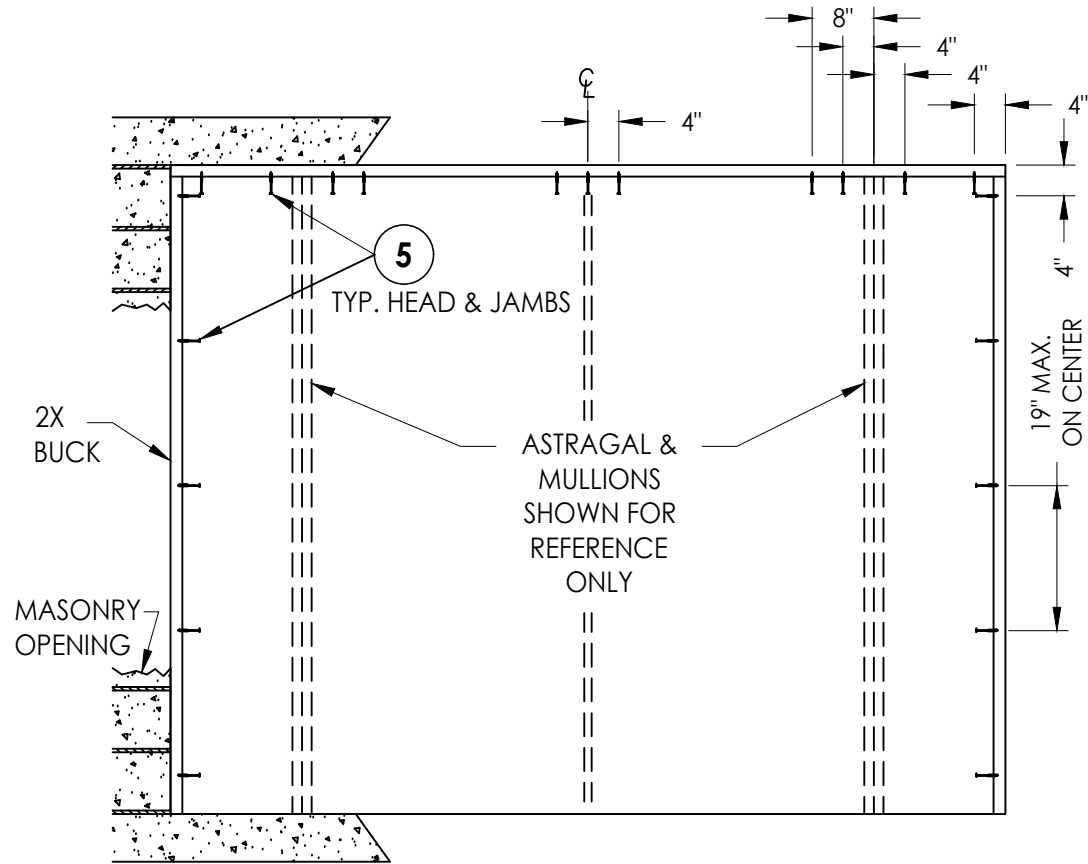
3 **VERTICAL CROSS SECTION**
6 Outswing configuration



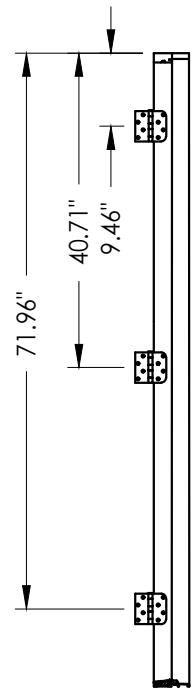
4 VERTICAL CROSS SECTION
6 Inswing configuration

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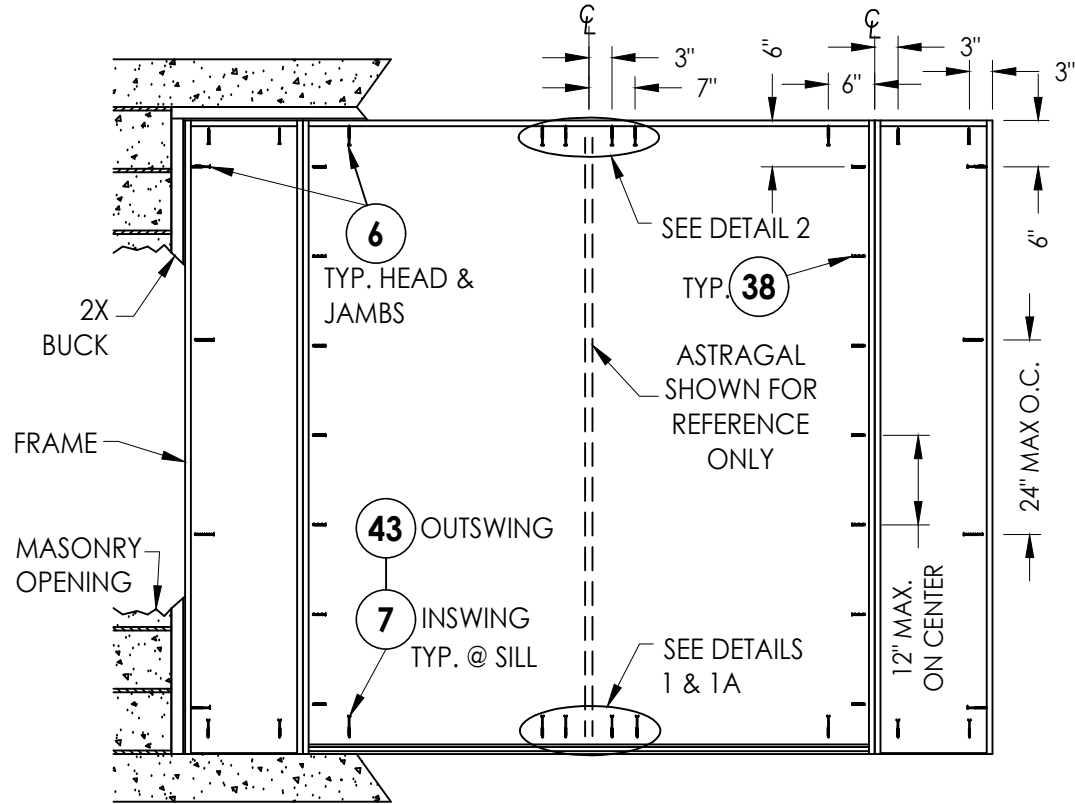
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BUCK ANCHORING



HINGE JAMB



FRAME ANCHORING
Masonry 2X buck construction

ASTRAGAL STRIKE JAMB

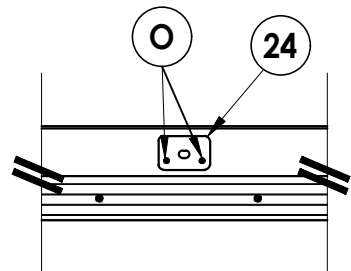
CONCRETE ANCHOR NOTES:

- 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:

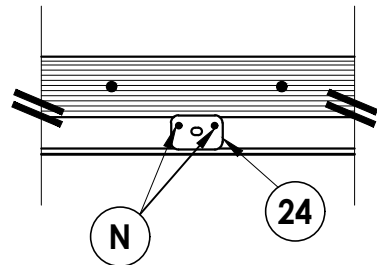
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRA CON+®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

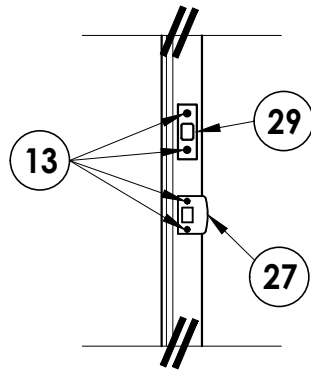
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



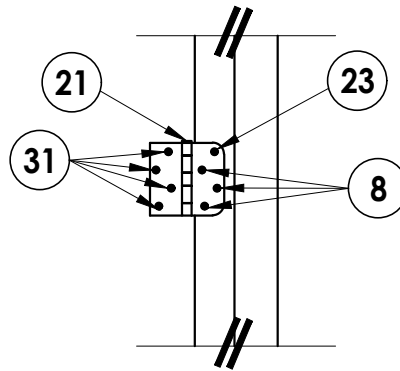
DETAIL 1A
Outswing configuration



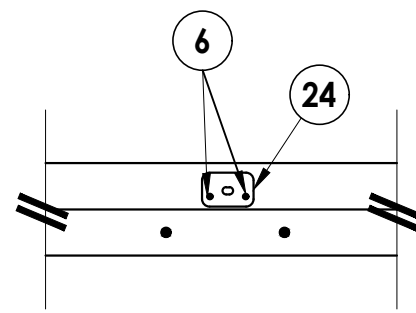
DETAIL 1
Inswing configuration



LATCH & DEADBOLT DETAIL



HINGE DETAIL



DETAIL 2

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

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

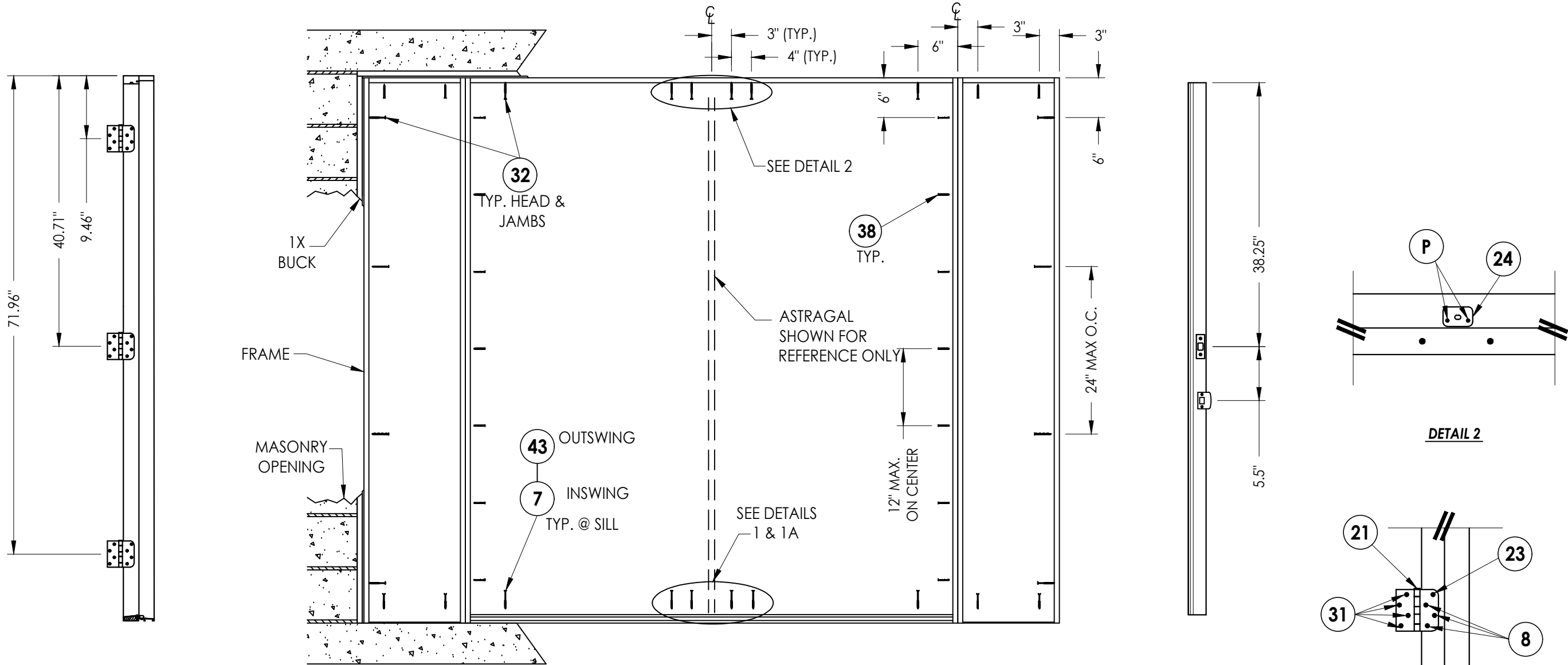
PART OR ASSEMBLY:
BUCK & FRAME ANCHORING 2X
BUCK MASONRY CONSTRUCTION

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
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SHEET 7 OF 10

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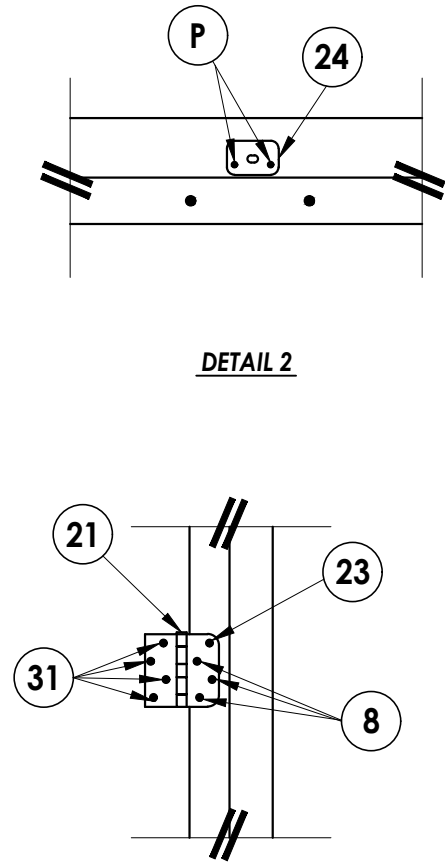
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HINGE JAMB

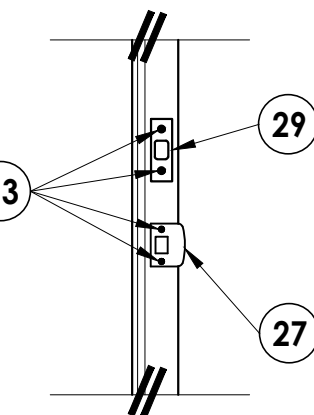
FRAME ANCHORING
Masonry 1X buck construction

ASTRAGAL STRIKE JAMB

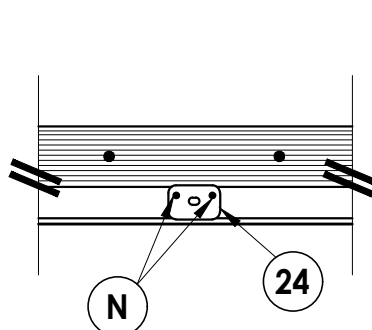


DETAIL 2

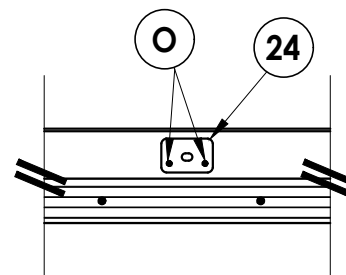
HINGE DETAIL



LATCH & DEADBOLT DETAIL



DETAIL 1
Inswing configuration



DETAIL 1A
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
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DeWALT ULTRAACON®	1/4"	1-1/4"	1"	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.

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

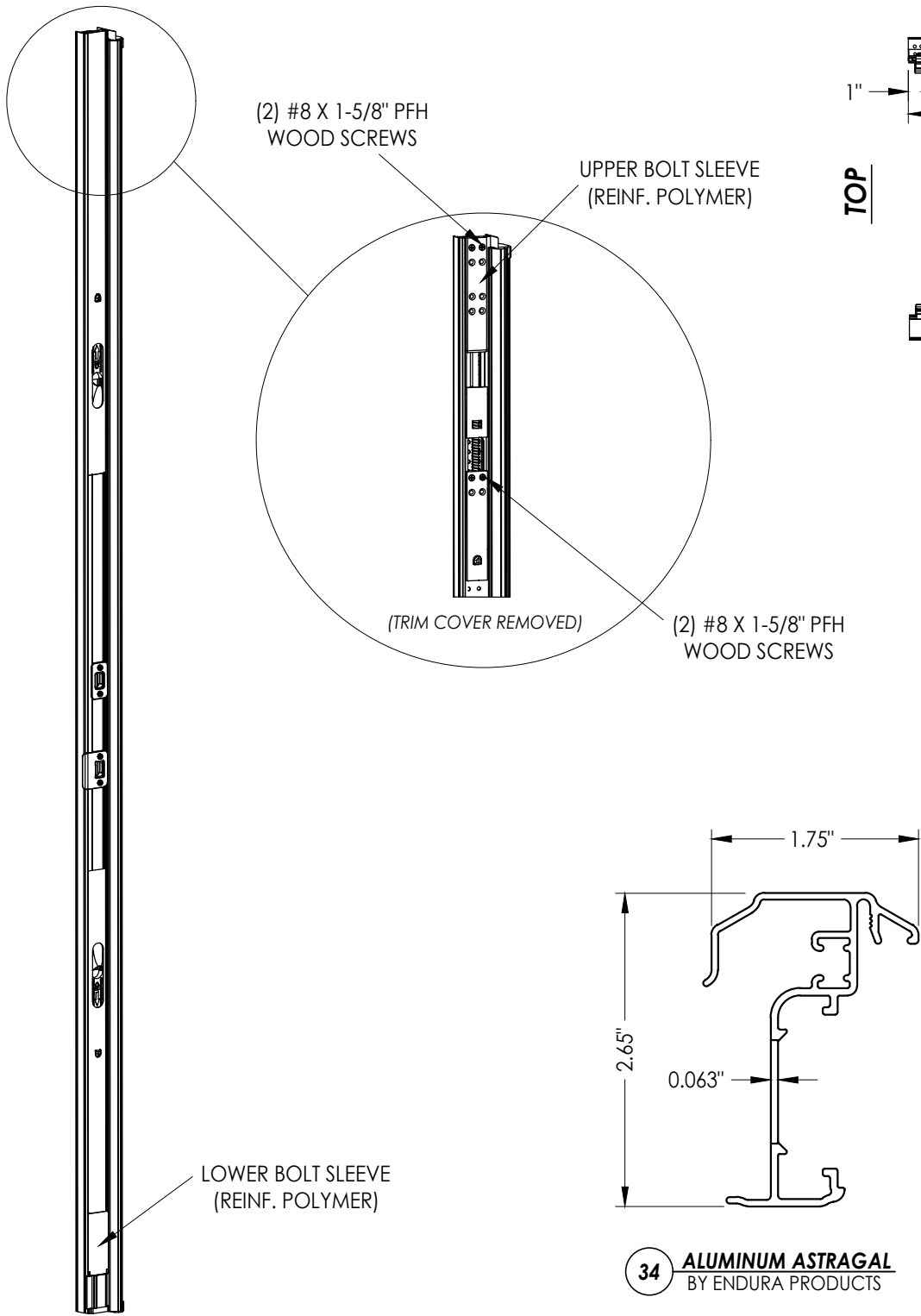
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
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PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

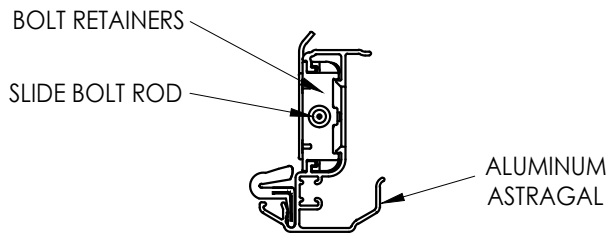
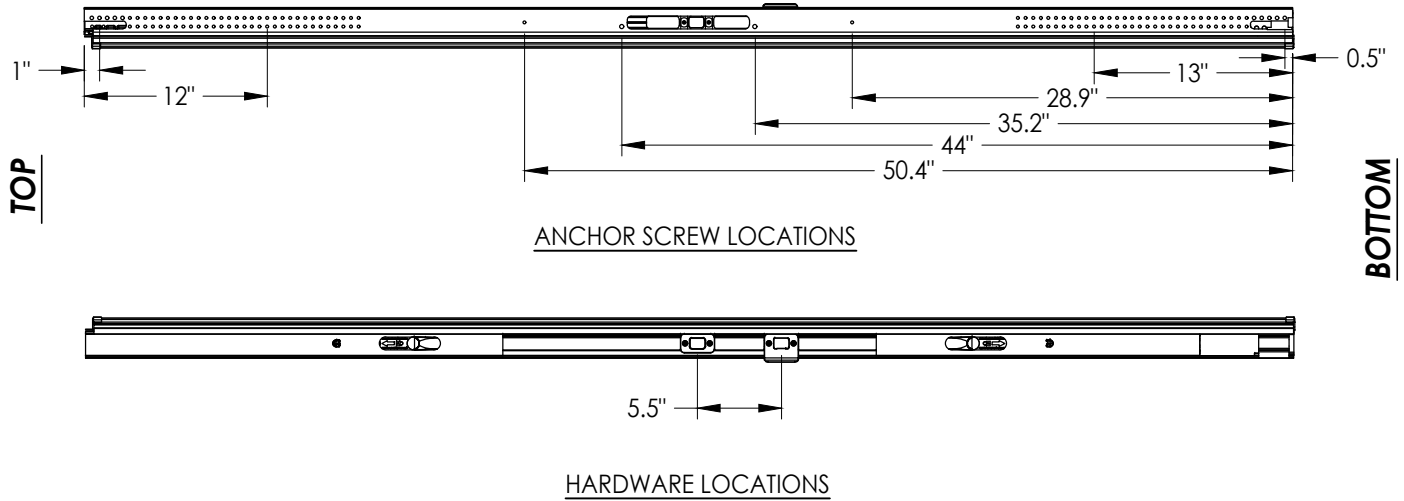
PART OR ASSEMBLY:
FRAME ANCHORING 1X BUCK
MASONRY CONSTRUCTION

NO.	DATE	REVISIONS
4	8/24/23	UPDATE TO 8TH ED. (2023) FBC 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

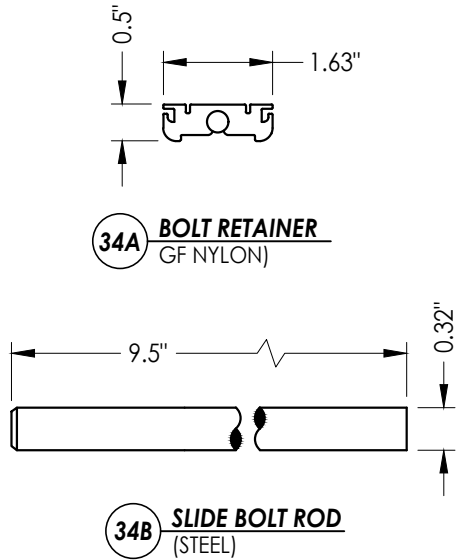
DATE: 02/16/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15213.8
SHEET 8 OF 10



ULTIMATE HURRICANE ASTRAGAL



ALUMINUM ASTRAGAL ASSEMBLY



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

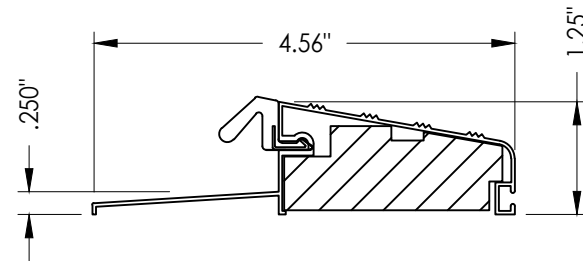
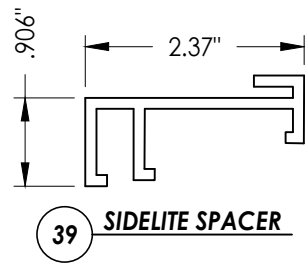
DATE:	02/16/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15213.8
SHEET	9 OF 10

PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY:	ASTRAGAL DETAILS (ULTIMATE HURRICANE)

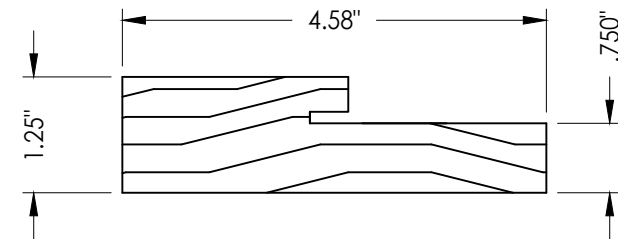
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

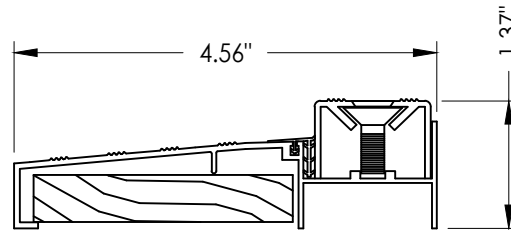
BILL OF MATERIALS					
ITEM	DESCRIPTION	MATERIAL	ITEM	DESCRIPTION	MATERIAL
N	3/16" X 3-1/2" PFH ITW CONCRETE SCREW	STEEL	23	#9 x 2" PFH WOOD SCREW	STEEL
O	3/16" X 1-1/2" PFH ITW CONCRETE SCREW	STEEL	24	FLUSH BOLT STRIKE PLATE	STEEL
P	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL	25	TOP RAIL	CELLULAR PVC
1	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE	26	SIDELITE STILE	CELLULAR PVC
			27	STRIKE PLATE	STEEL
2	1X BUCK SG >= 0.55	WOOD	28	OUTSWING BUMP THRESHOLD	ALUM. / WOOD
3	2X BUCK SG >= 0.55	WOOD	29	DEADBOLT STRIKE PLATE	STEEL
4	1/4" MAX. SHIM SPACE	-	30	LIP LITE ODL/WESTERN REFLECTIONS HP	POLYPROPYLENE
5	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL	31	#9 x 1" PFH WOOD SCREW	STEEL
6	#10 x 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL	32	1/4" X 3-3/4" PFH ITW CONCRETE SCREW	STEEL
7	1/4" x 2-1/4" PFH ITW CONCRETE SCREW	STEEL	34	ASTRAGAL BY ENDURA	ALUM.
8	#9 x 3/4" PFH WOOD SCREW	STEEL	34A	BOLT RETAINER	NYLON
9	DOOR SKIN (MIN. 0.075" THICK)	FIBERGLASS	34B	SLIDE BOLT ROD	STEEL
10	INSWING VINYL DOOR BOTTOM SWEEP BY ENDURA	VINYL	35	HINGE & LATCH STILE	CELLULAR PVC
10A	VINYL DOOR BOTTOM SWEEP #3628 BY HOLM IND.	VINYL	36	HINGE & LATCH STILE REINFORCEMENT	LVL
11	REINFORCEMENT WOOD FOR LOCK	WOOD	37	SIDELITE TOP & BOTTOM RAIL	CELLULAR PVC
12	FINGER JOINTED PINE JAMB	WOOD	38	SHOE MOULD 5/8" x 3/8"	WOOD
13	#9 x 2-1/4" PFH WOOD SCREW	STEEL	39	SIDELITE SPACER	PVC
14	BOTTOM RAIL	CELLULAR PVC	43	1/4" x 2-3/4" PFH ITW CONCRETE SCREW	STEEL
15	INSWING ADJUSTABLE THRESHOLD BY ENDURA	ALUM. / WOOD	44	GLAZING SPACER	ALUM.
15A	INSWING ADJUSTABLE ALUMINUM THRESHOLD BY DLP	ALUM. / WOOD	45	SEALANT	SILICONE
16	FORCE 5 WEATHER STRIPPING BY ENDURA	FOAM	46	GLAZING COMPOUND	SILICONE
16A	COMPRESSION WEATHER STRIP QLON 650 BY SCHLEGEL	FOAM	47	#8 x 1-1/2" PFH LITE FRAME SCREW	STEEL
17	KWIKSET KEYED ENTRY - SIGNATURE SERIES	STEEL	50	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
18	KWIKSET DEADBOLT - SIGNATURE SERIES (780)	STEEL	60	SIDELITE PANEL - SEE DOOR PANEL DETAIL SHEET 3	-
19	SIDELITE STILE REINFORCEMENT	WOOD			
20	POLYURETHANE FOAM BY NANYA	POLYURETHANE			
21	4" x 4" BUTT HINGE	STEEL			
22	#8 x 2" PFH WOOD SCREW	STEEL			



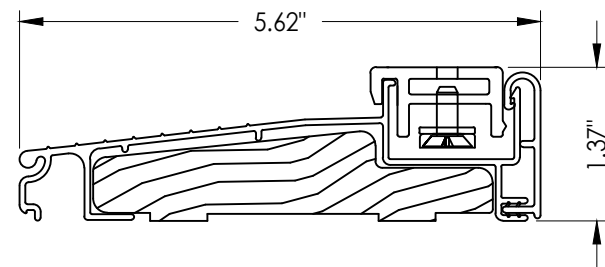
28 OUTSWING BUMP THRESHOLD



12 JAMB



15A ADJUSTABLE INSWING SILL



15 ADJUSTABLE INSWING SILL

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

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