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L. F. Schmidt, P.E. on the date adjacent to the seal.

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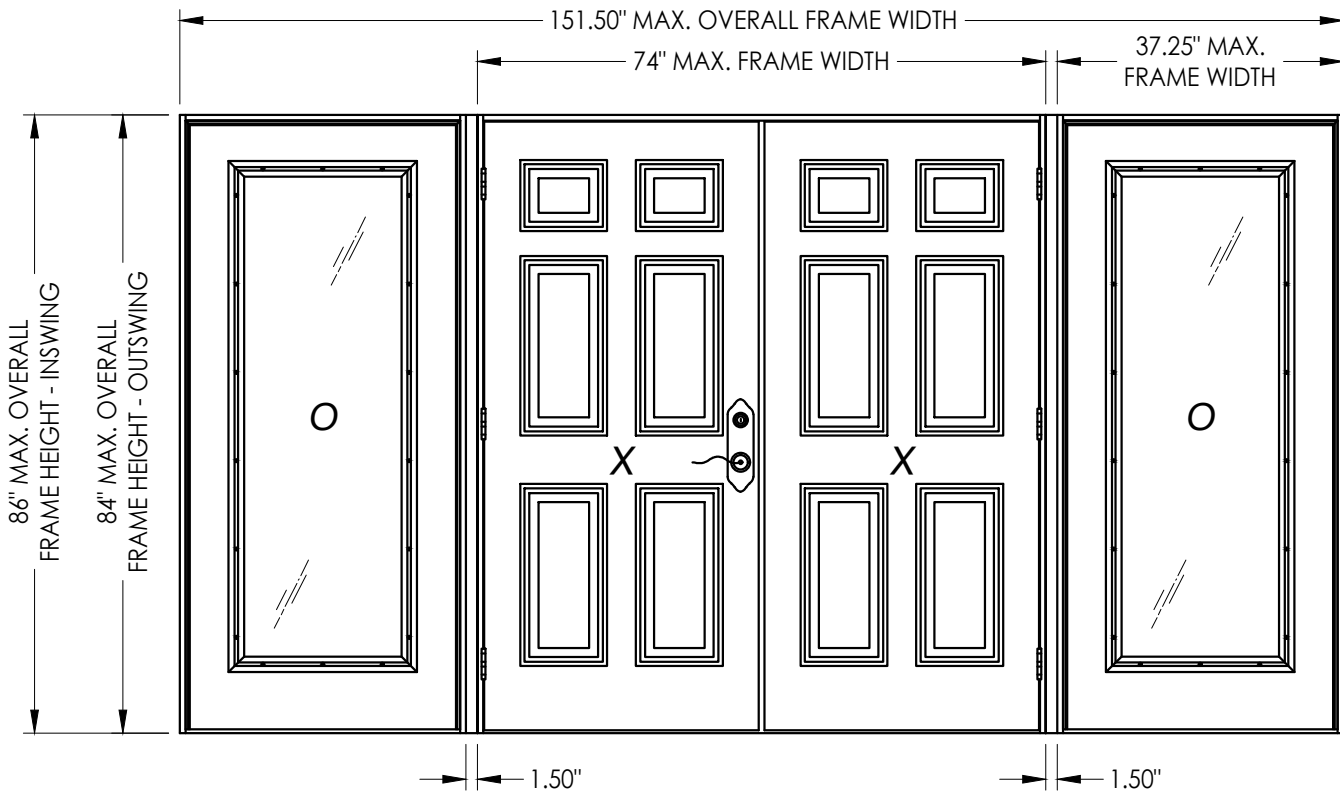
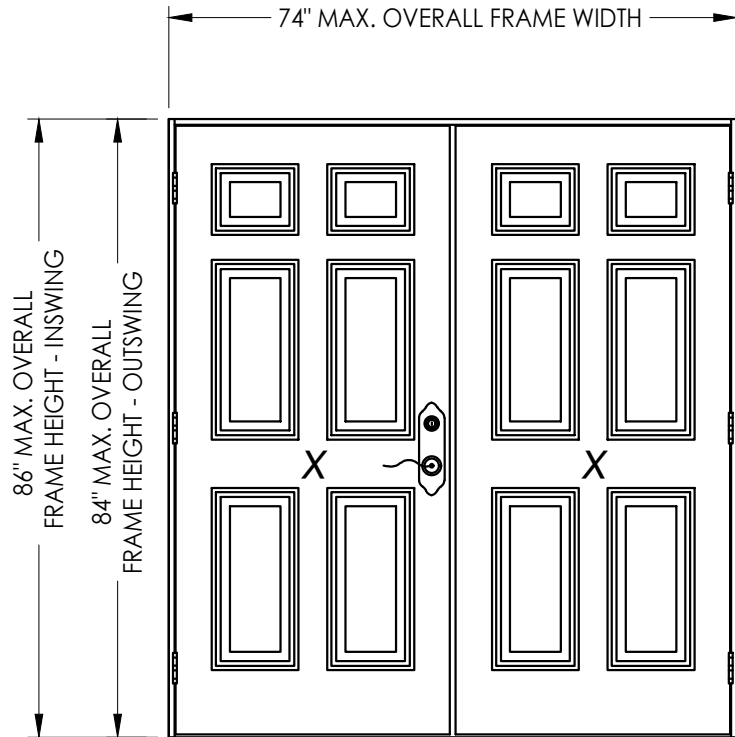
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

OPAQUE FIBERGLASS DOUBLE DOOR w/ or w/out SIDELITES IN swing / OUT swing "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 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.
- 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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1	Typical elevations, design pressures & general notes
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10	Astragal & multi-point lock details
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12	Bill of materials



CONFIGURATION	MAX. FRAME DIMENSION	MAX. SIDELITE D.L.O. DIMENSION	DESIGN PRESSURE (PSF)		DESIGN PRESSURE (PSF)	
			IN swing		OUT swing	
			POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XX	74.0" x 86.0"	20.63" x 62.63"	+50.0	-55.0	+50.0	-50.0
OXXO	151.5" x 86.0"	20.63" x 62.63"	+50.0	-55.0	+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				
		DATE	BY	CHK	APP	DESCRIPTION
5	8/23/23	UPDATE TO 8TH ED. (2023)	FBC	LFS		
4	8/05/20	UPDATE TO 7TH ED. (2020)	FBC	DAC		
3	08/02/17	UPDATE TO 6TH ED. (2017)	FBC	JK		
2	3/10/16	ADDED ADA O.S. BUMP THRESHOLD		JK		
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK		

DATE: 8/25/14

SCALE: N.T.S.

DWG. BY: AL

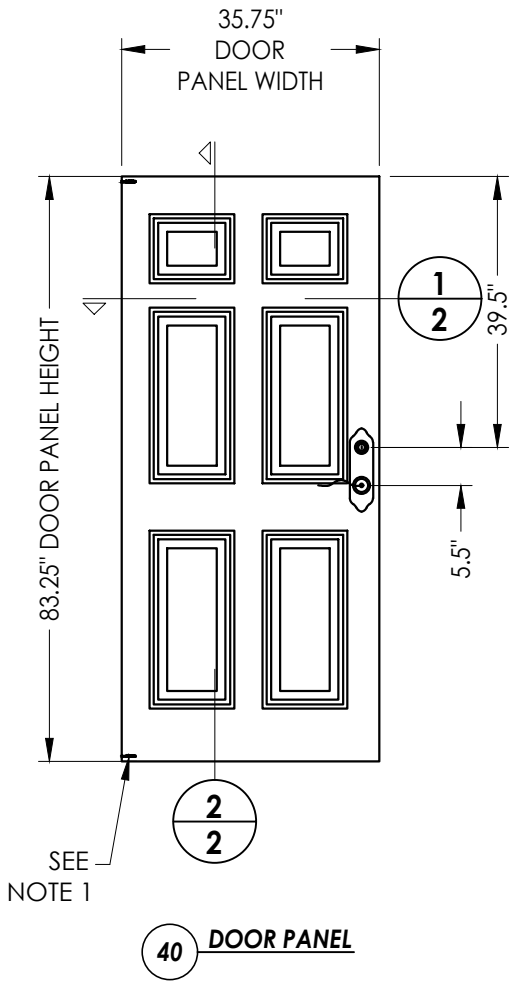
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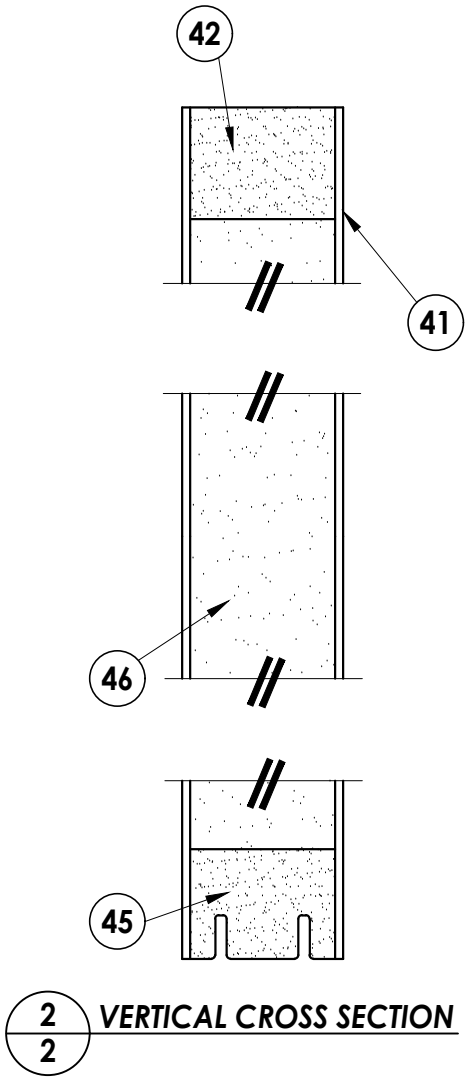
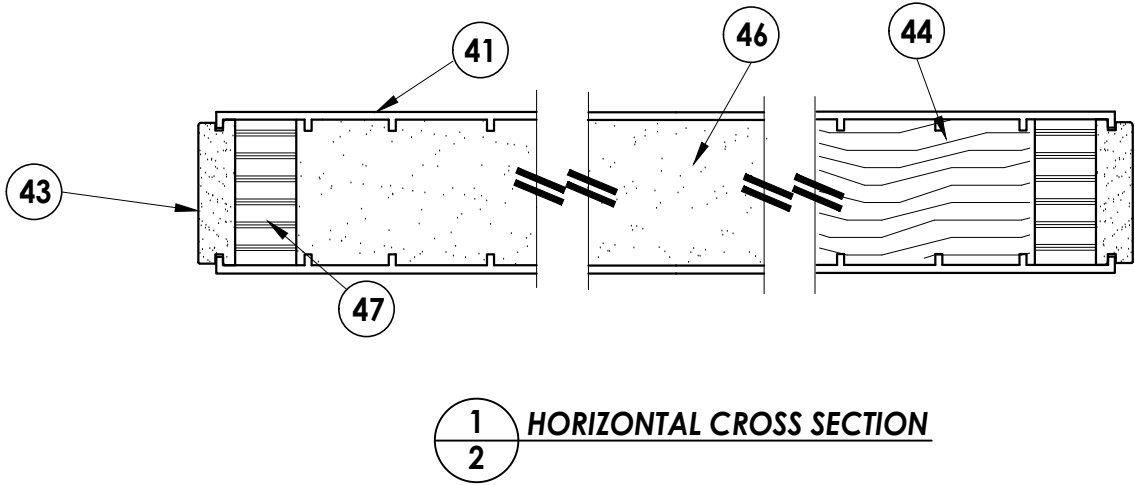
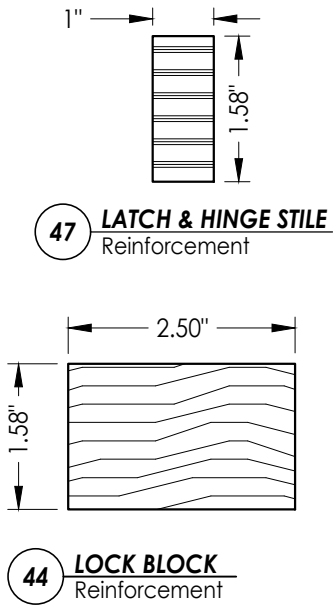
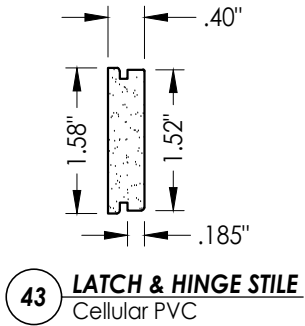
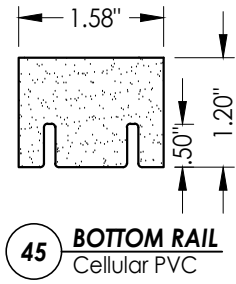
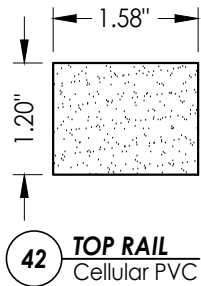
FL-17184.18

SHEET 1 OF 12

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NOTE 1:
1. #8 X 2" PFH WOOD SCREW THROUGH HINGE CAP INTO TOP AND BOTTOM RAILS FOR D.P. > 47 PSF.



NO.	DATE	REVISIONS
5	8/23/23	UPDATE TO 8TH ED. (2023) FBC
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DATE: 8/25/14

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DWG. BY: AL

CHK. BY: LFS

DRAWING NO.:
FL-17184.18

SHEET 2 OF 12

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

PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

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

EXTERIOR

INTERIOR

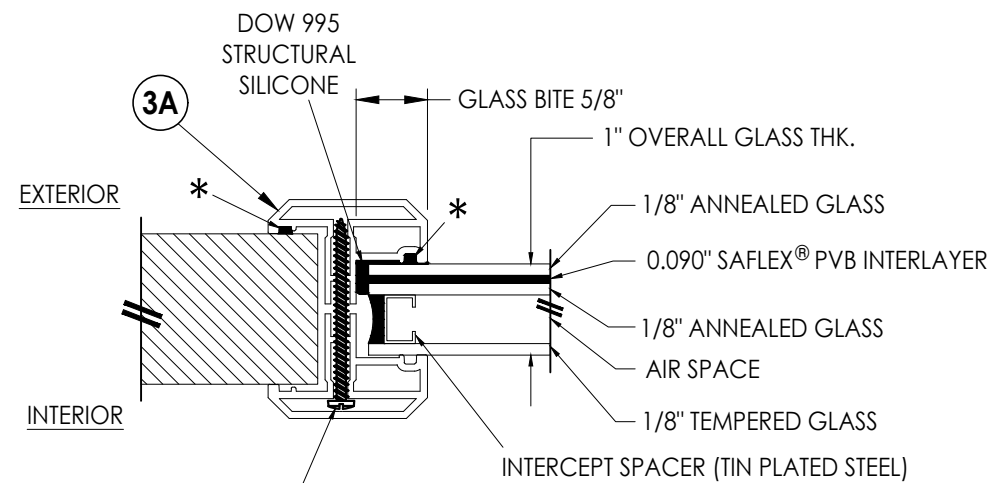
41

43

47

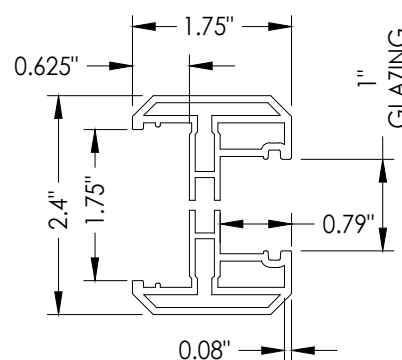
G1

46

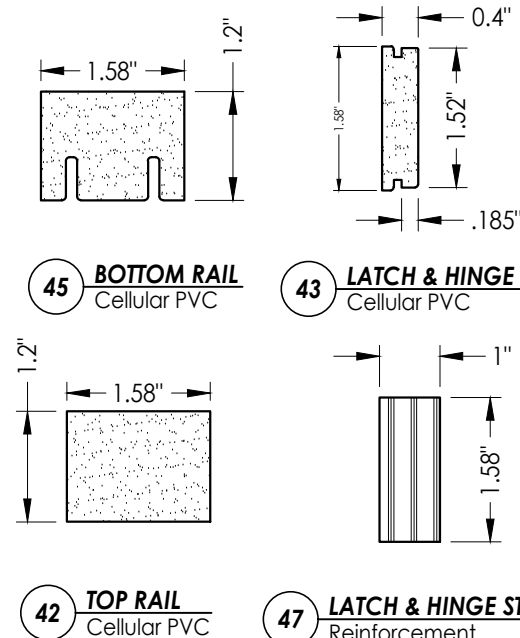


* NON-STRUCTURAL
BACKBEDDING SEALANT
(READI-SEAL)

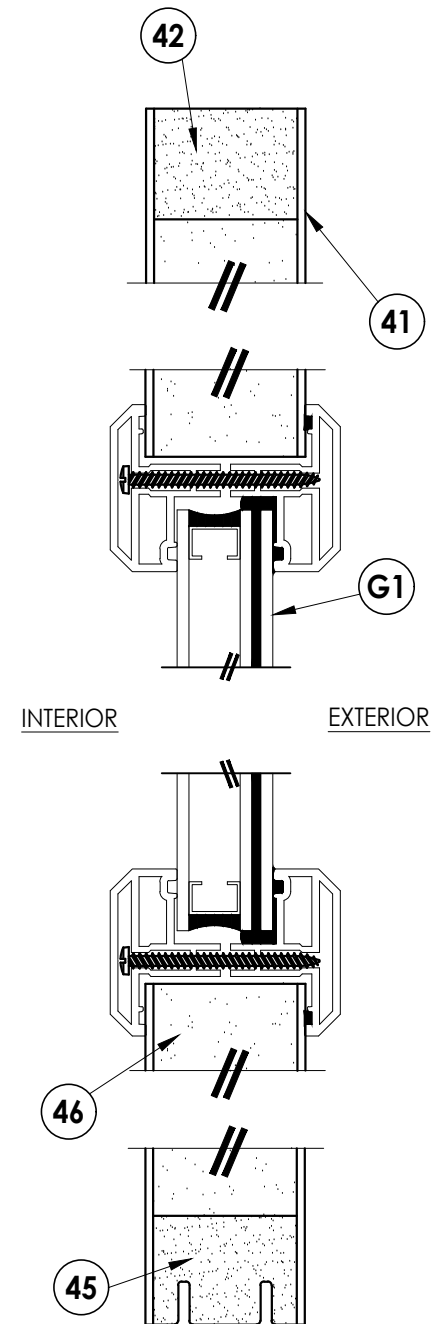
G1 **GLAZING DETAIL**
ODL "FLAT FRAME"



3A **ODL LITE FRAME**
"FLAT FRAME" PROFILE
(6063-T5 ALUM)



2 VERTICAL CROSS SECTION



5	8/23/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
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3	08/02/17	UPDATE TO 6TH ED. (2017)	FBC	JK
2	3/10/16	ADDED ADA O.S. BUMP THRESHOLD		JK
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK
NO. DATE				
REVISIONS				

DATE: 8/25/14

SCALE: N.T.S.

DWG. BY: AL

CHK. BY: LFS

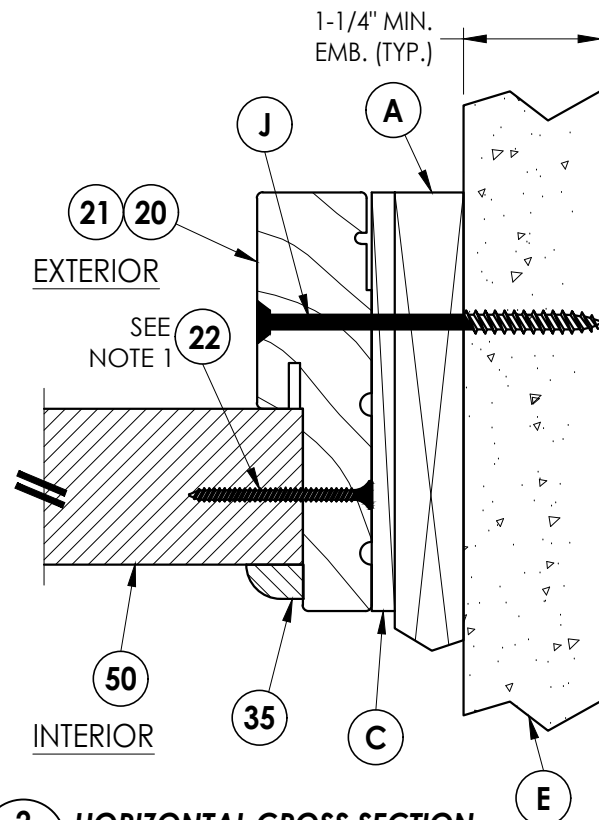
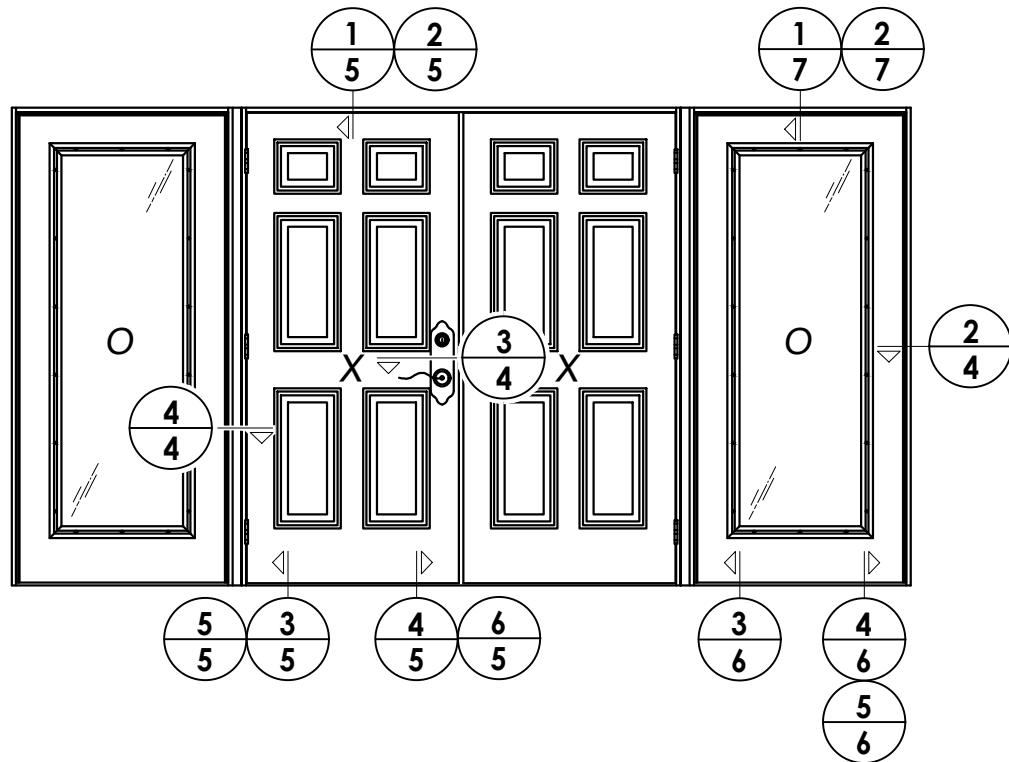
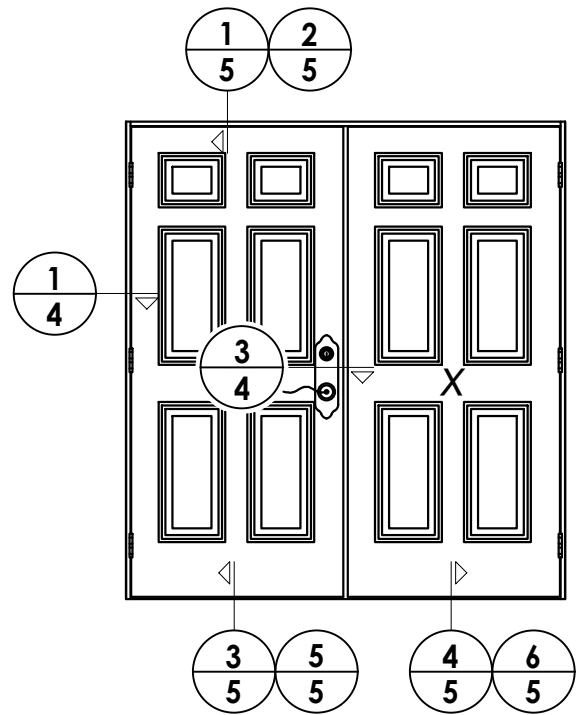
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SHEET 3 OF 12

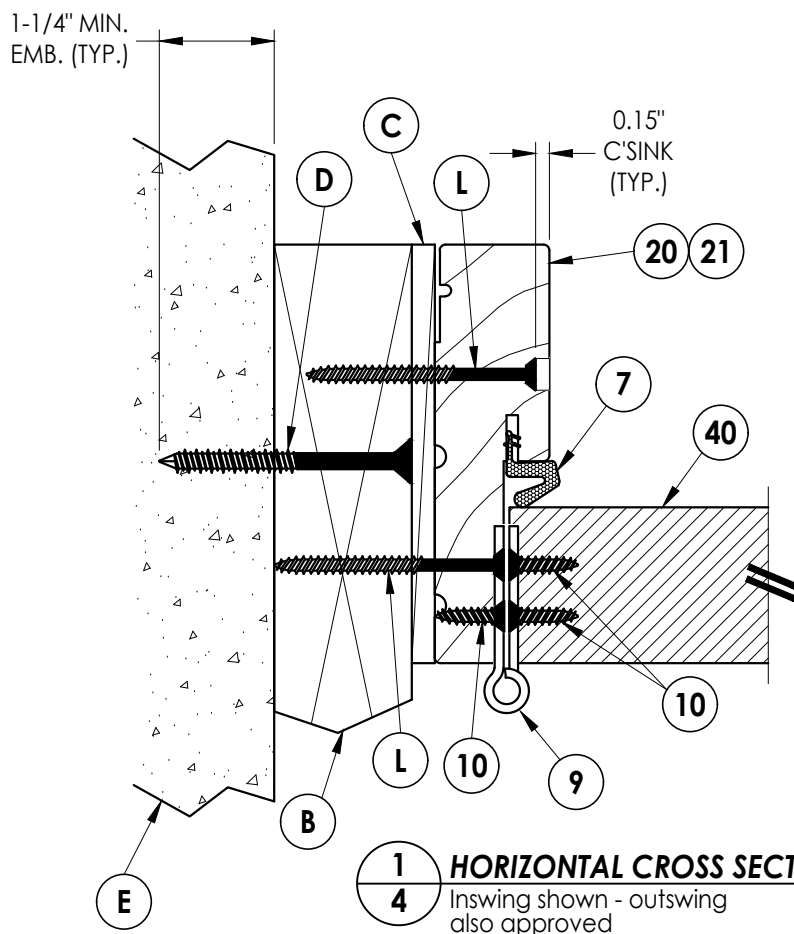
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Lyndon F. Schmidt
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Phone No.: 813.659.9197
FBPE Registry No. 9813

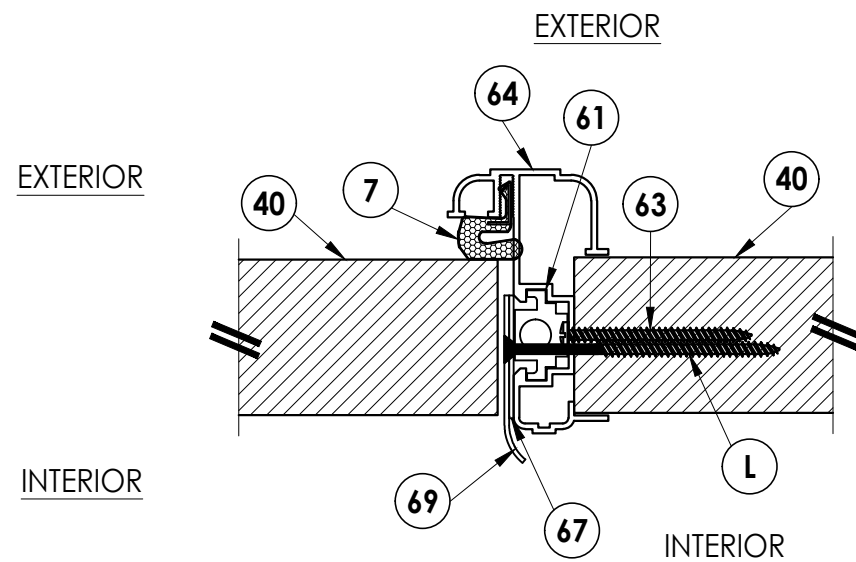
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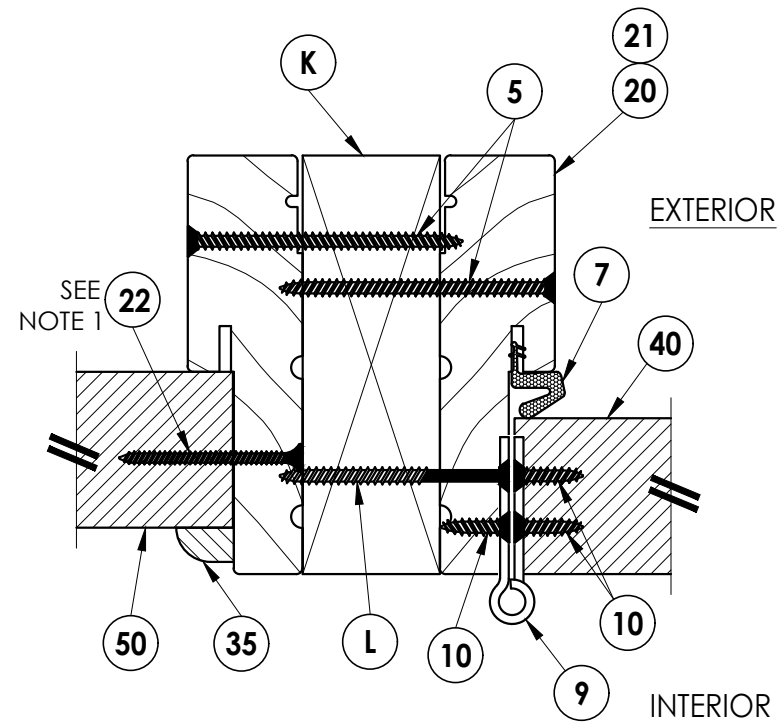
2/4 HORIZONTAL CROSS SECTION
Shown w/1X sub-buck



1/4 HORIZONTAL CROSS SECTION
Inswing shown - outswing
also approved



3/4 HORIZONTAL CROSS SECTION



4/4 HORIZONTAL CROSS SECTION
Inswing shown - outswing
also approved

Documents Prepared By:
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P.E. No. 43409

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

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

PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

NO.	DATE	REVISIONS			
		BY	JK	JK	JK
5	8/23/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
4	8/05/20	UPDATE TO 7TH ED. (2020)	FBC	DAC	
3	08/02/17	UPDATE TO 6TH ED. (2017)	FBC	JK	
2	3/10/16	ADDED ADA O.S. BUMP THRESHOLD		JK	
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK	

DATE: 8/25/14

SCALE: N.T.S.

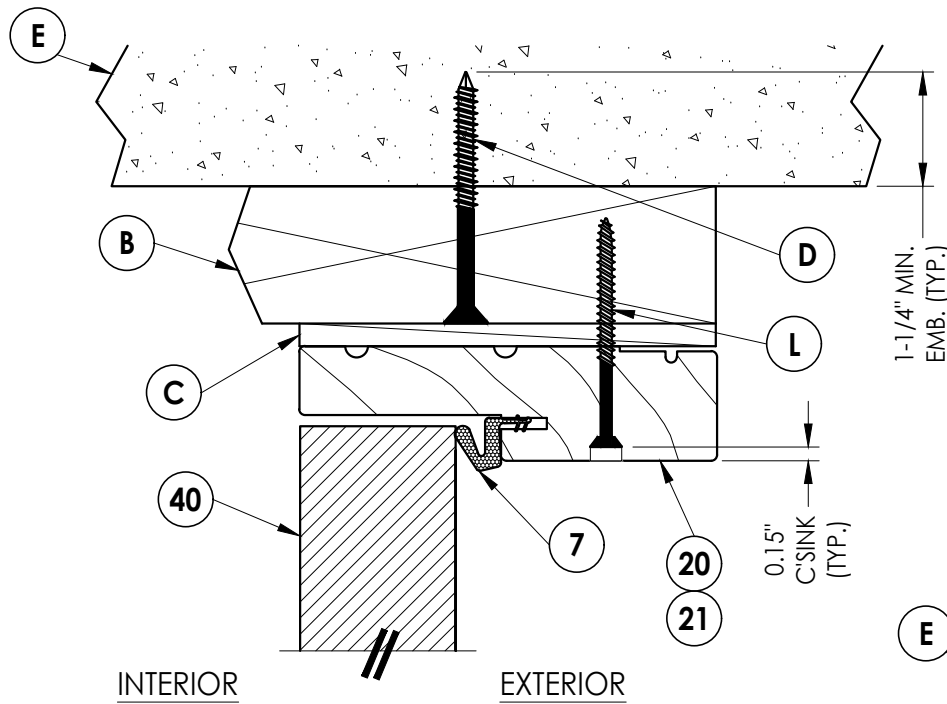
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CHK. BY: LFS

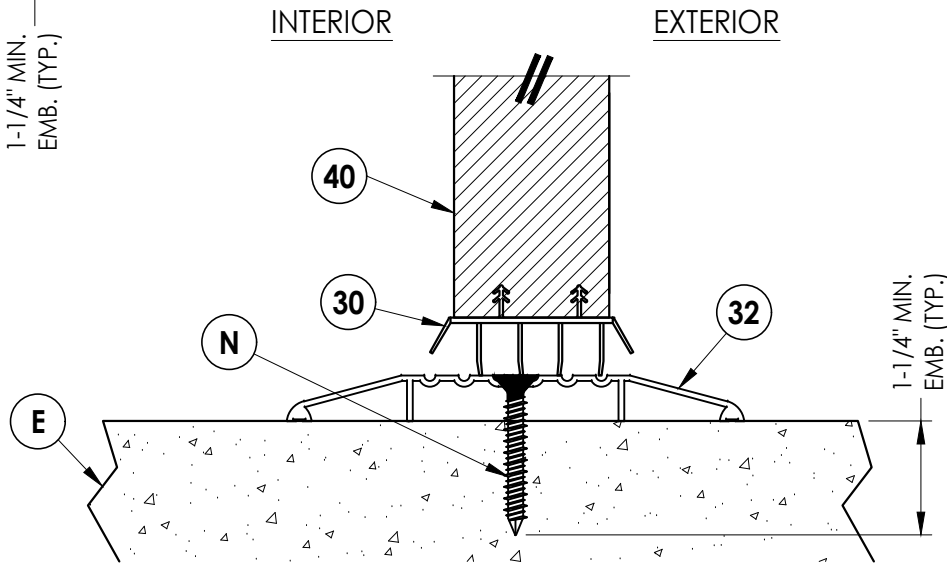
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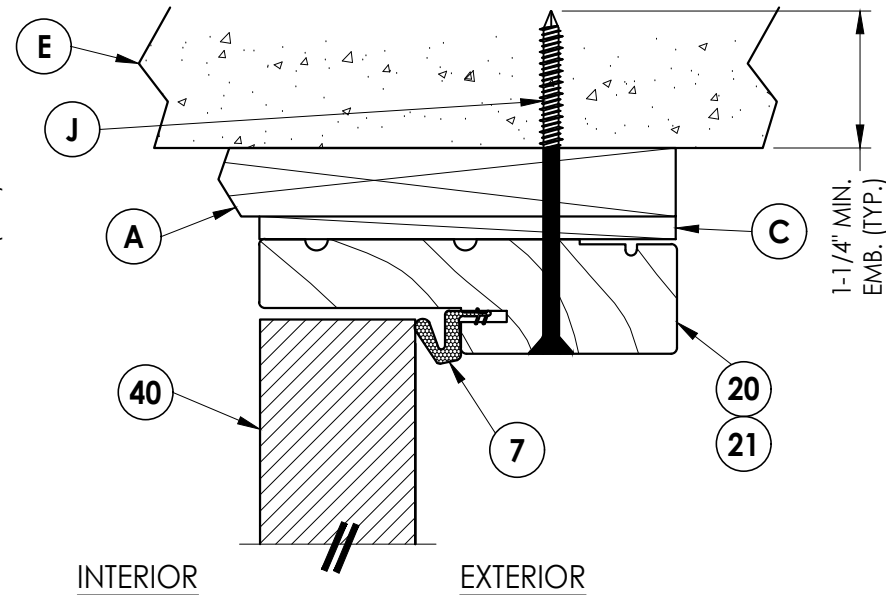
SHEET 4 OF 12



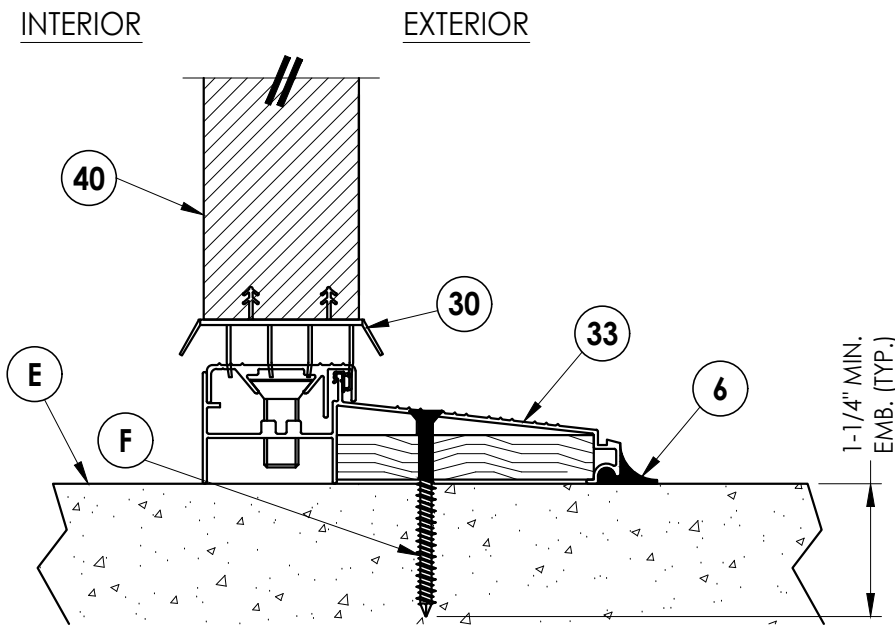
1 **VERTICAL CROSS SECTION**
5 Inswing shown - outswing
also approved



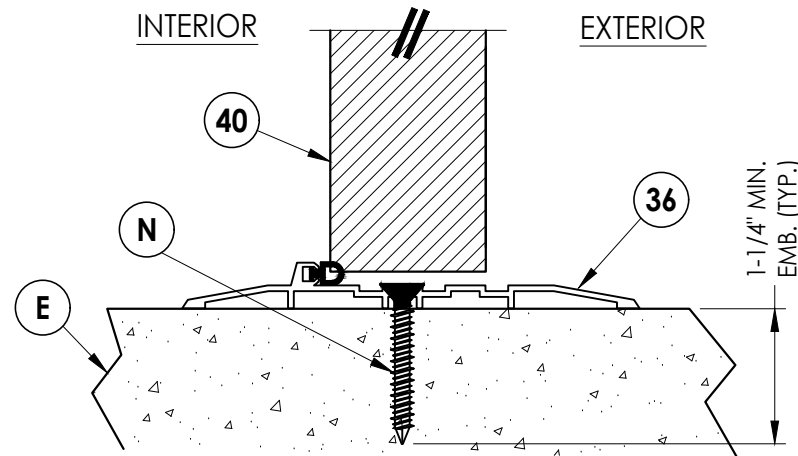
5 **VERTICAL CROSS SECTION**
5 Shown w/ ADA threshold



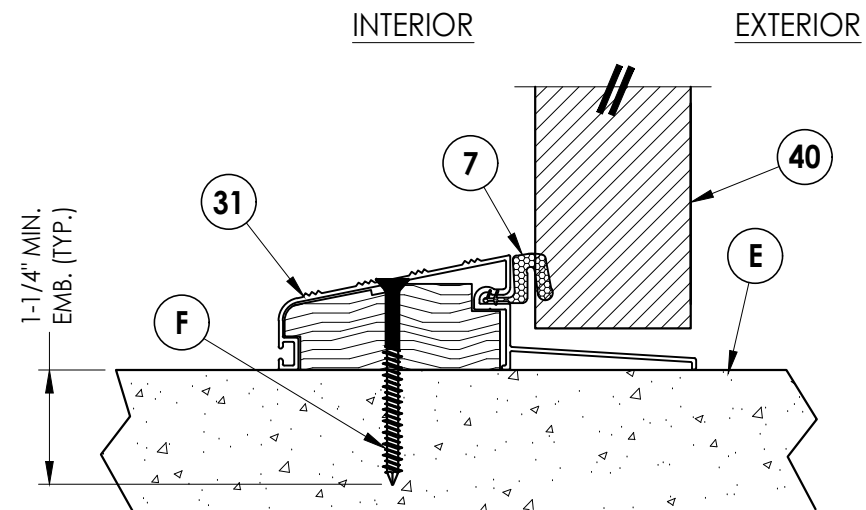
2 **VERTICAL CROSS SECTION**
5 Shown w/IX sub-buck



3 **VERTICAL CROSS SECTION**
5 Inswing configuration



6 **VERTICAL CROSS SECTION**
5 Shown w/ O.S. ADA bump threshold



4 **VERTICAL CROSS SECTION**
5 Outswing configuration

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

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

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

PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

NO.	DATE	REVISIONS
5	8/23/23	UPDATE TO 8TH ED. (2023) FBC
4	8/05/20	UPDATE TO 7TH ED. (2020) FBC
3	08/02/17	UPDATE TO 6TH ED. (2017) FBC
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1	04/22/15	UPDATE TO 5TH ED. (2014) FBC
NO.	DATE	BY

DATE: 8/25/14

SCALE: N.T.S.

DWG. BY: AL

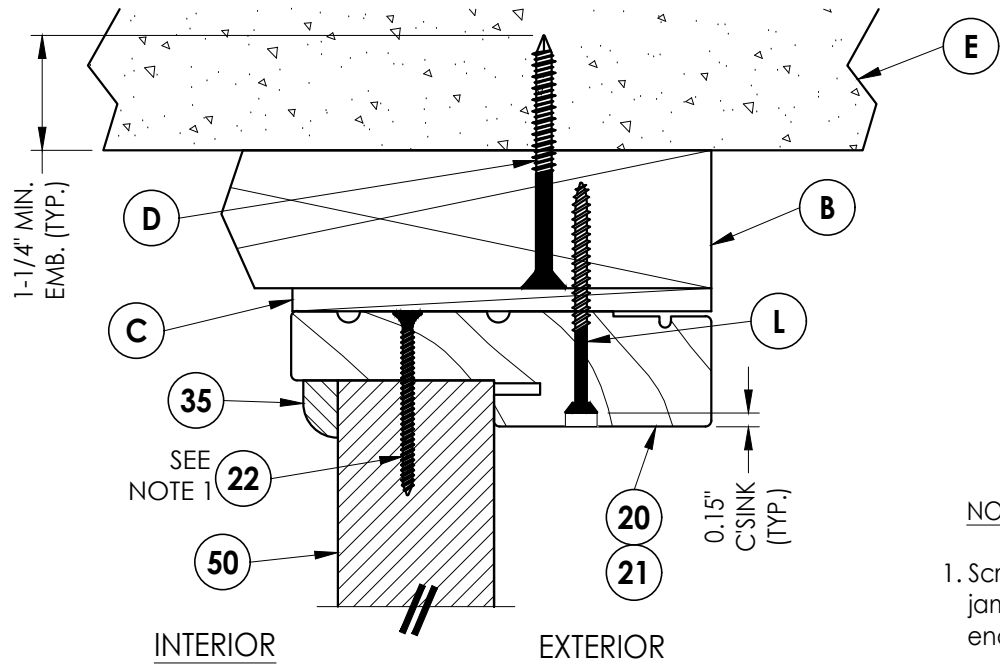
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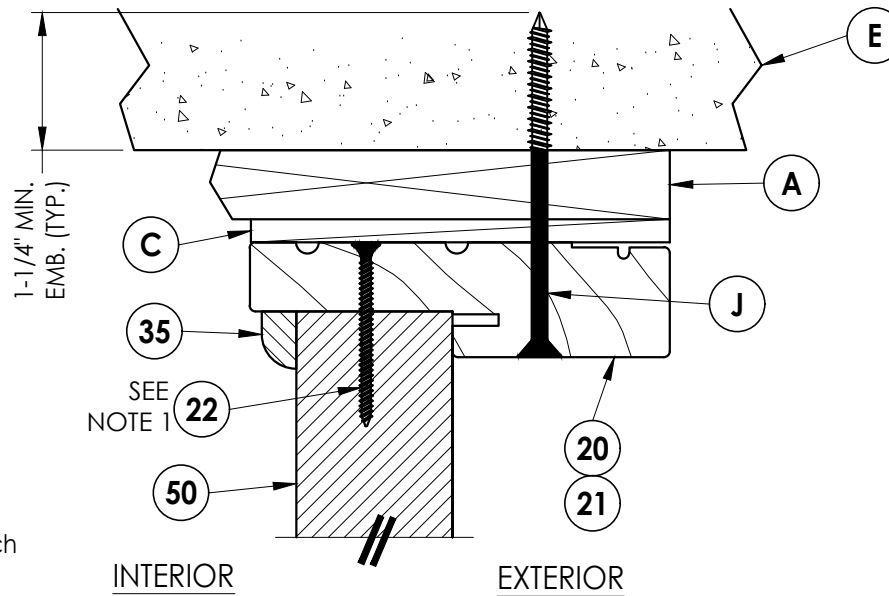
FL-17184.18

SHEET 5 OF 12

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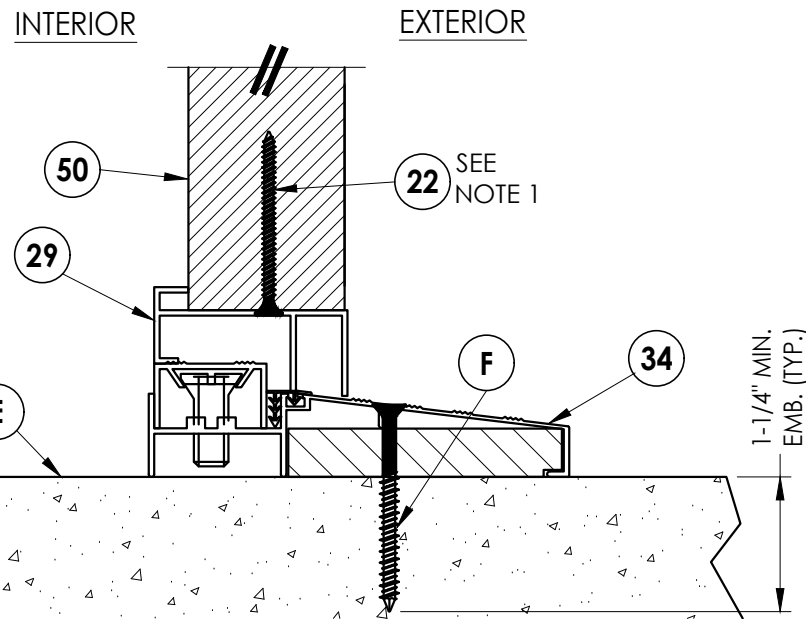


1 VERTICAL CROSS SECTION
6 Inswing shown - outswing
also approved

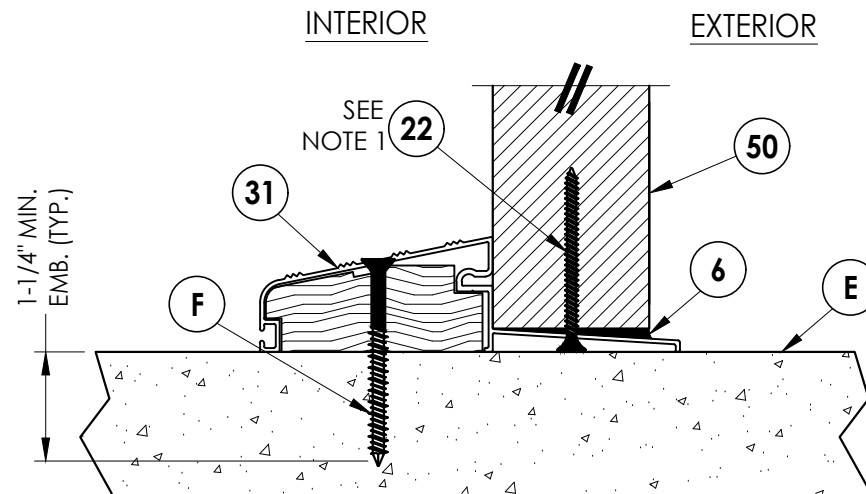


2 VERTICAL CROSS SECTION
6 Shown w/1X sub-buck

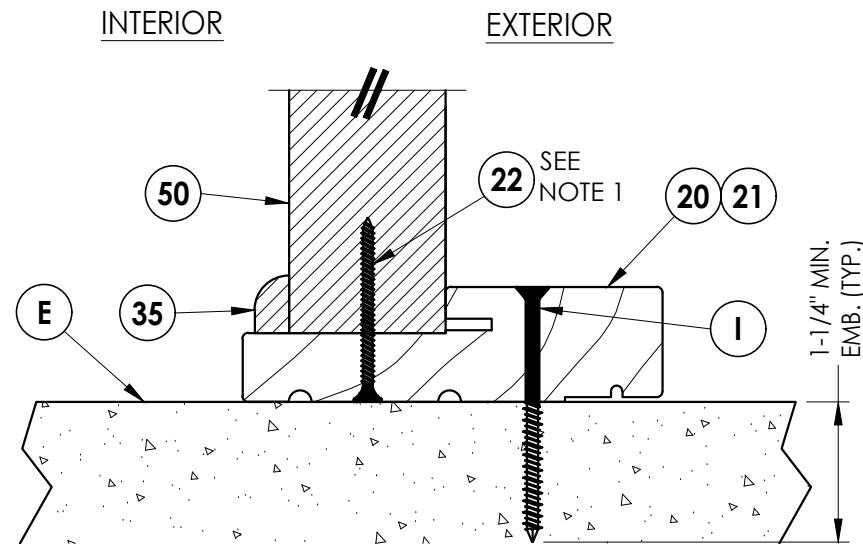
NOTE:
1. Screws thru head and sill
jamb located 3" from each
end and O.C. (TYP.) line.



3 VERTICAL CROSS SECTION
6 Inswing configuration



4 VERTICAL CROSS SECTION
6 Outswing configuration



5 VERTICAL CROSS SECTION
6 Outswing configuration

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

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

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

		LFS	FBC	DAC	JK	JK	JK	JK	BY
5	8/23/23	UPDATE TO 8TH ED. (2023)	FBC						
4	8/05/20	UPDATE TO 7TH ED. (2020)	FBC						
3	08/02/17	UPDATE TO 6TH ED. (2017)	FBC						
2	3/10/16	ADDED ADA O.S. BUMP THRESHOLD							
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC						
NO.	DATE								

DATE: 8/25/14

SCALE: N.T.S.

DWG. BY: AL

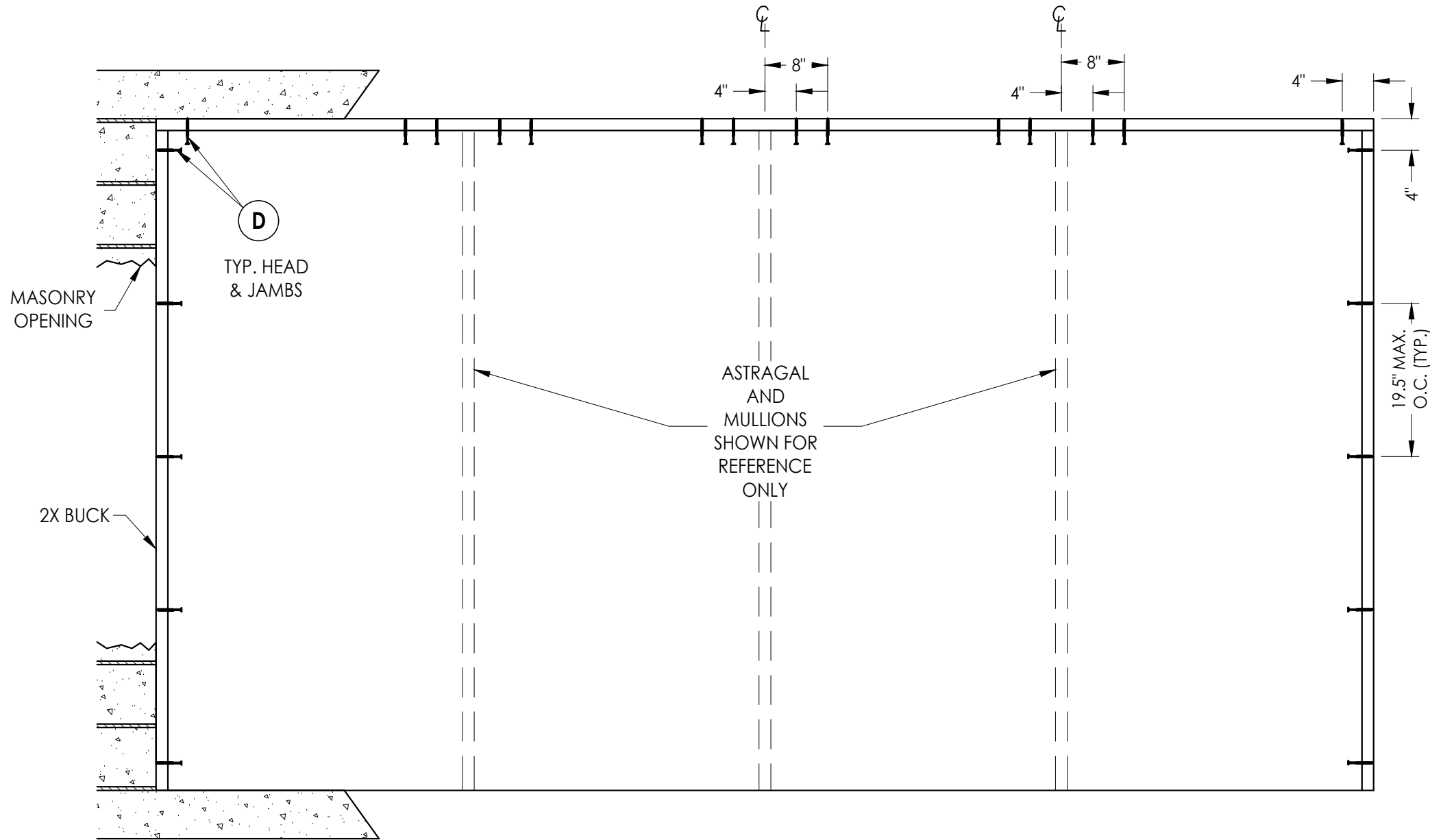
CHK. BY: LFS

DRAWING NO.:

FL-17184.18

SHEET 6 OF 12

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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

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

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
BUCK ANCHORING
(OXXO)

5	8/23/23	UPDATE TO 8TH ED. (2023) FBC	LFS
4	8/05/20	UPDATE TO 7TH ED. (2020) FBC	DAC
3	08/02/17	UPDATE TO 6TH ED. (2017) FBC	JK
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1	04/22/15	UPDATE TO 5TH ED. (2014) FBC	JK
NO.	DATE		BY

DATE: 8/25/14

SCALE: N.T.S.

DWG. BY: AL

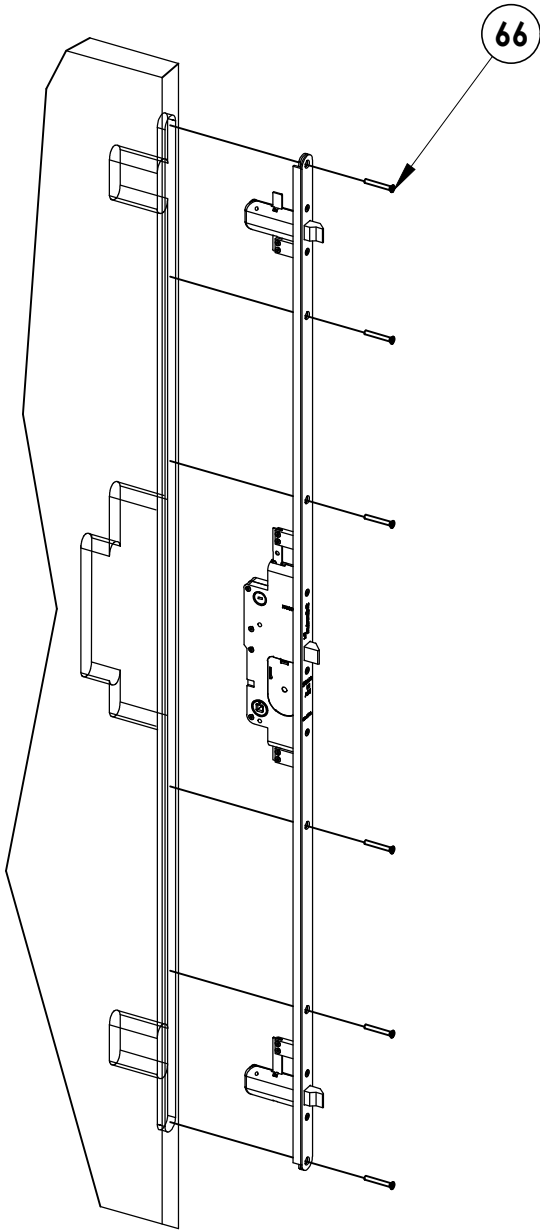
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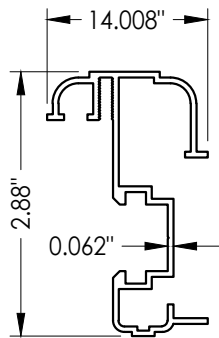
SHEET 8 OF 12

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FBPE Registry No. 9813

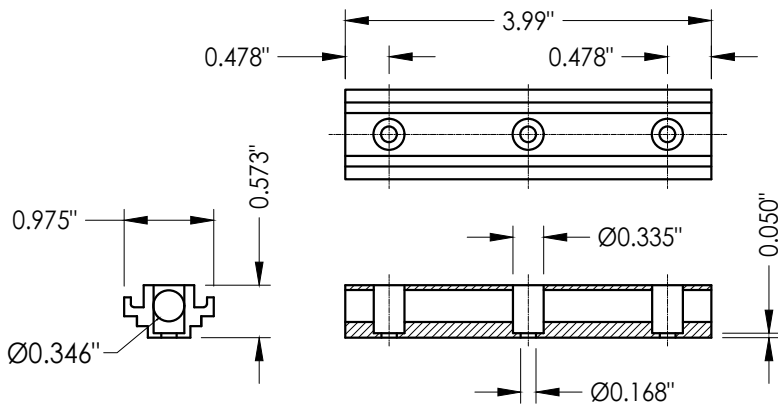
© 2014 R.W. BUILDING CONSULTANTS INC.



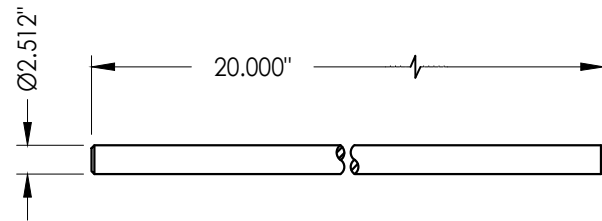
65 MULTI-POINT LOCK
Trilennium by Endura



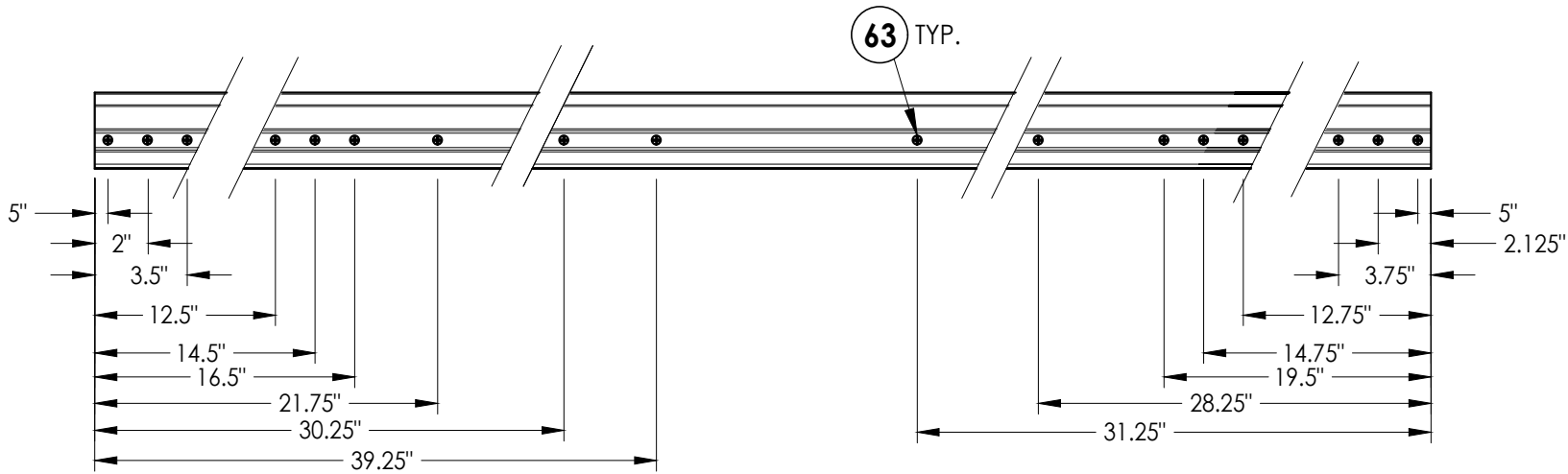
64 ASTRAGAL
By DLP



61 CONCEALED STIFFENER



62 SLIDE BOLT ROD
Typ. top & bottom
of astragal
top through 2.0\"/>



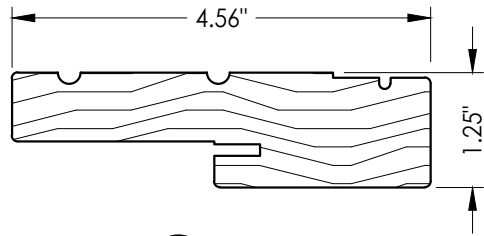
ASTRAGAL SCREW LOCATIONS

NO.	DATE	REVISIONS
5	8/23/23	UPDATE TO 8TH ED. (2023) FBC
4	8/05/20	UPDATE TO 7TH ED. (2020) FBC
3	08/02/17	UPDATE TO 6TH ED. (2017) FBC
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NO.	DATE	

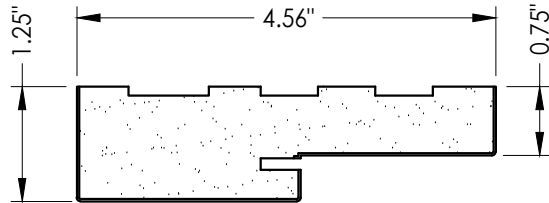
DATE:	8/25/14
SCALE:	N.T.S.
DWG. BY:	AL
CHK. BY:	LFS
DRAWING NO.:	FL-17184.18
SHEET	10 OF 12

PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY:	ASTRAGAL & MULTI-POINT LOCK DETAILS

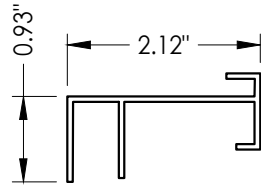
Documents Prepared By:	Lyndon F. Schmidt P.E. No. 43409
RW	BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813



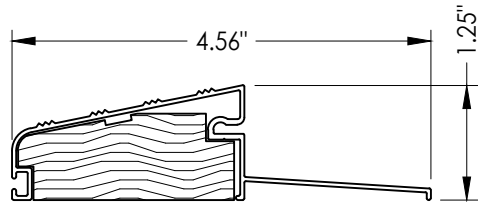
20 HEAD & SIDE
Jamb



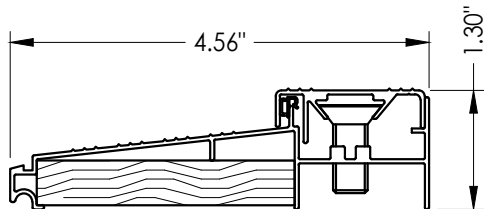
21 HEAD & SIDE
Poly fiber jamb



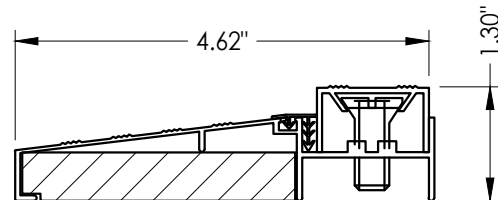
29 SIDELITE SPACER
ISSLB



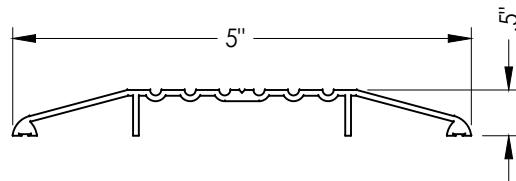
31 OUTSWING THRESHOLD
QOSH



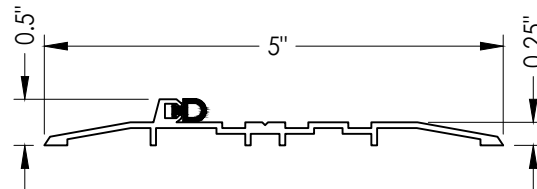
33 INSWING THRESHOLD
ISCS



34 SIDELITE THRESHOLD
ISH/ EIS



32 ADA SILL
ISHC



36 OUTSWING ADA BUMP THRESHOLD
OSHC

NO.	DATE	REVISIONS
5	8/23/23	UPDATE TO 8TH ED. (2023) FBC
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NO.	DATE	BY

DATE: 8/25/14

SCALE: N.T.S.

DWG. BY: AL

CHK. BY: LFS

DRAWING NO.:

FL-17184.18

SHEET 11 OF 12

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
COMPONENTS

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

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 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
H	1/4" X 3-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
I	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	2X REINFORCEMENT (CLEAR PINE SG >= 0.42)	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
N	1/4" X 1-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
3	ASTRAGAL STRIKE PLATE	STEEL
5	#10 X 3" PFH SCREW	STEEL
6	SEALANT	SILICONE
7	WEATHERSTRIP BY Q-LON	FOAM
9	4" HINGE	STEEL
10	#9 X 3/4" PFH WOOD SCREW	STEEL
20	JAMB FINGER - JOINT - PINE (SG >= 0.42)	WOOD
21	POLY FIBER JAMB	POLY FIBER
22	#7 X 2" PFH DRYWALL SCREW	STEEL
29	SIDELITE SPACER (ISSLB)	PVC
30	DOOR SWEEP	ALUM.
31	OUTSWING THRESHOLD BY DLP (QOSH)	ALUM. / WOOD
32	ADA THRESHOLD BY DLP (ISHC)	ALUM. / WOOD
33	INSWING THRESHOLD BY DLP (ISCS)	ALUM. / WOOD
34	SIDELITE THRESHOLD BY DLP (ISH/ EIS)	ALUM. / WOOD
35	TRIM	WOOD
36	OUTSWING ADA BUMP THRESHOLD	ALUMINUM
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
41	DOOR SKIN (MIN. 0.075" THICK) PLAST-PRO/NANYA Fy = 11,063 PSI MIN.	FIBERGLASS
42	TOP RAIL	CELLULAR PVC
43	LATCH & HINGE STILE	CELLULAR PVC
44	LOCK BLOCK (SG >= 0.42)	WOOD
45	BOTTOM RAIL	CELLULAR PVC
46	FOAM CORE	POLYURETHANE
47	LATCH & HINGE STILE REINFORCEMENT	LVL
50	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
61	CONCEALED STIFFENER 6063-T6	ALUMINUM
62	SLIDE BOLT ROD	STEEL
63	#8 X 2" PPH SMS	STEEL
64	ASTRAGAL 6063-T5 ALUMINUM BY DLP	ALUMINUM
65	MULTI-POINT LOCK ASSEMBLY TRILENNIUM BY ENDURA	-
66	#10 X 1-1/2" PFH SCREW	ALUMINUM
67	BACKING PLATE	STEEL
69	MULTI-POINT STRIKE PLATE	ALUMINUM

[illegible]