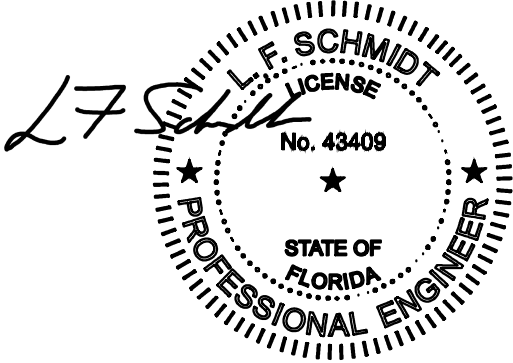


Smooth / Wood Grain / White Wood Grain
Rustic / Mahogany
Series N Fiberglass Door
OUTSWING
"IMPACT" DOOR / "NON-IMPACT" SIDELITES

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements including 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 the "HVHZ" the opaque door complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering. The non-impact sidelite is required to be protected with an impact resistant covering that complies with Section 1626 of the FBC.
4. When used in areas outside of the "HVHZ" requiring wind borne debris protection the opaque door complies with FBC Section 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. The opaque door meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996 and FBC Section 1609.1.2.2 & R301.2.1.2.1. The non-impact sidelite is required to be protected with an impact resistant covering that complies with FBC Section 1609.1.2 & R301.2.1.2.
5. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
6. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
7. Outswing configurations meet water infiltration requirements for "HVHZ".

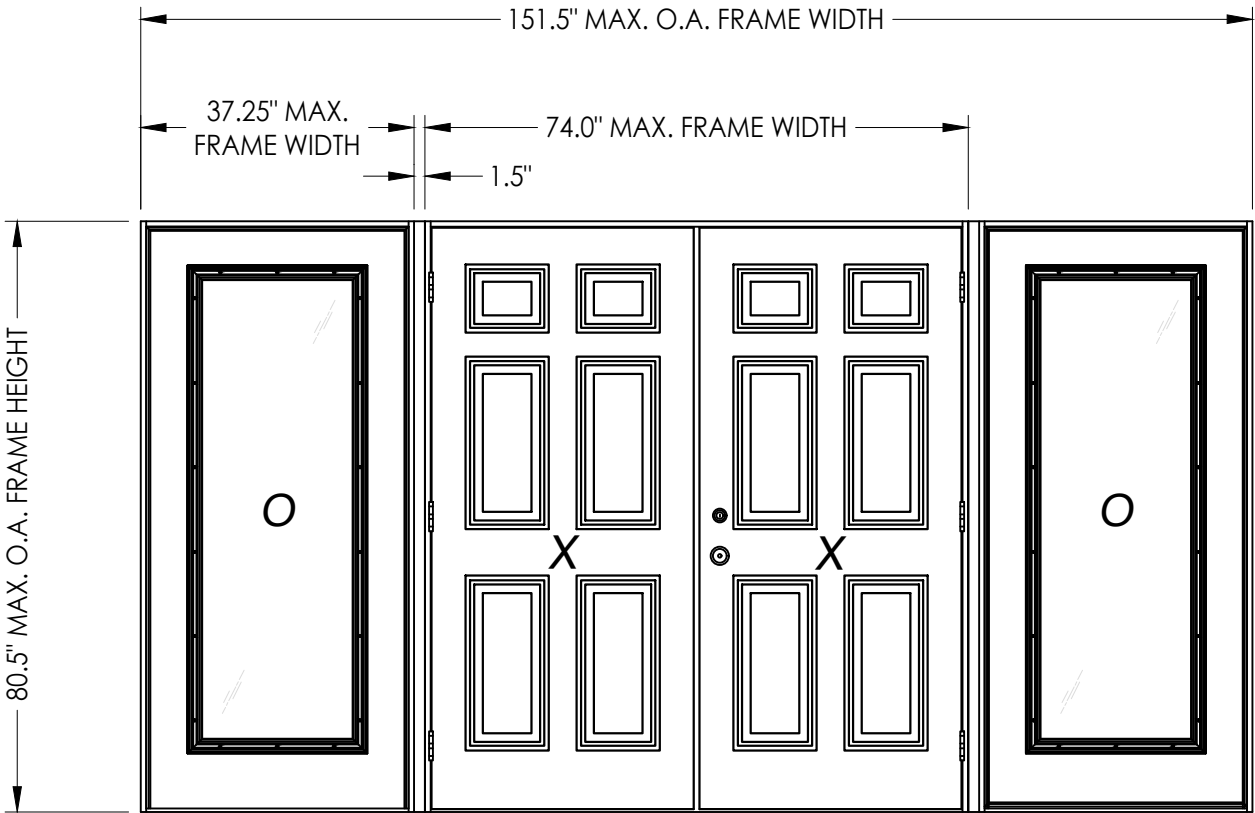
TABLE OF CONTENTS			
SHEET#	DESCRIPTION	SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes	6	Vertical cross sections
2	Door panel details	7	Buck anchoring
3	Sidelite panel details and glazing detail	8	Frame anchoring
4	Horizontal cross sections	9	Astragal details
5	Vertical cross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



Digitally signed by Lyndon F Schmidt
Date: 2023.08.15 14:11:14 -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



OVERALL FRAME DIMENSION	OVERALL D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
151.5" X 80.5"	20.5" X 62.5"	G1	+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

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

7/23/20
UPDATE TO 7TH ED (2020) FBC

7/24/17
UPDATE TO 6TH ED. (2017) FBC

04/22/15
UPDATE TO 5TH ED. (2014) FBC

NO. DATE

REVISIONS

DATE: 02/21/12

SCALE: N.T.S.

DWG. BY: JK

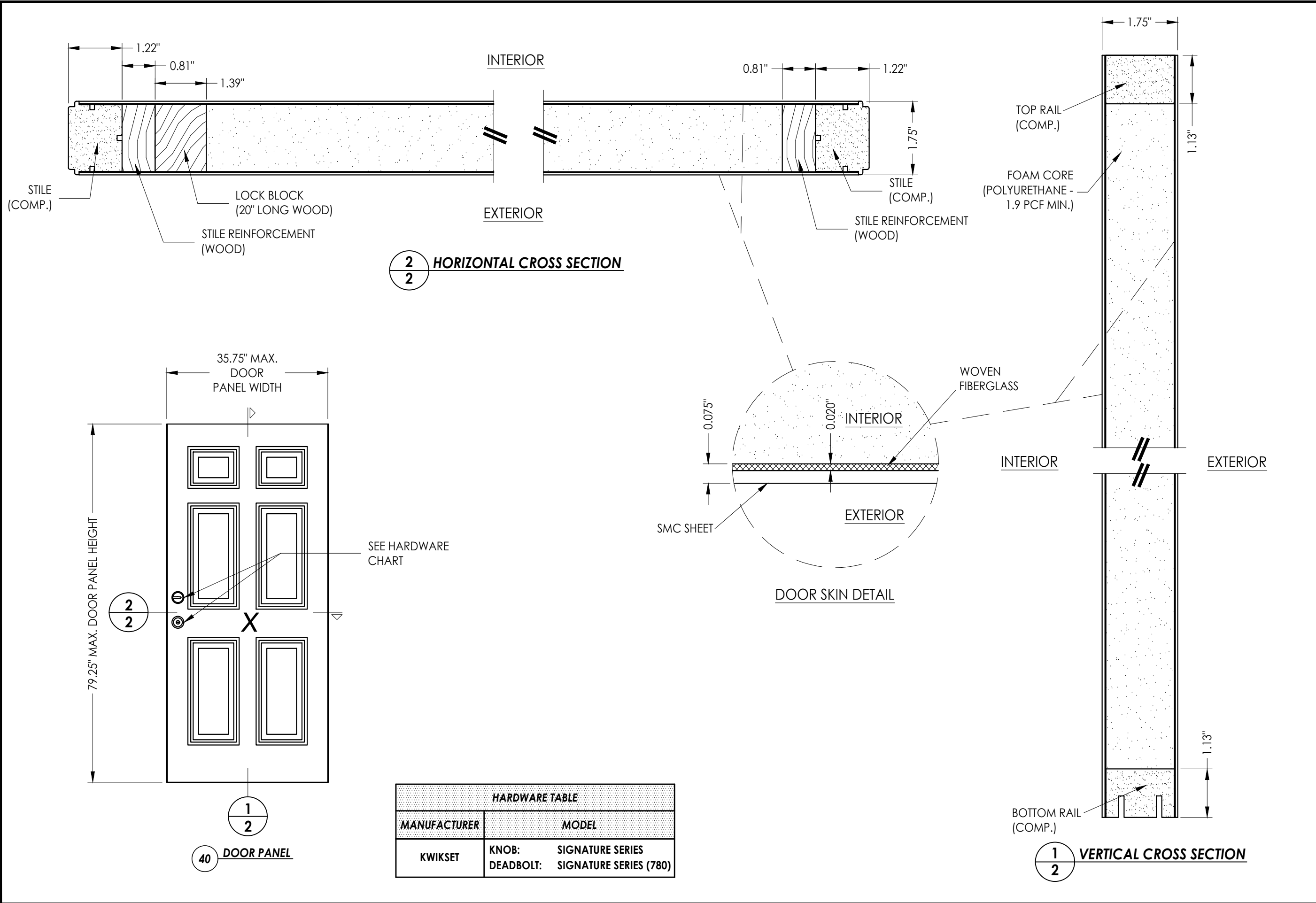
CHK. BY: LFS

DRAWING NO.: FL-15180.10

SHEET 1 OF 10

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

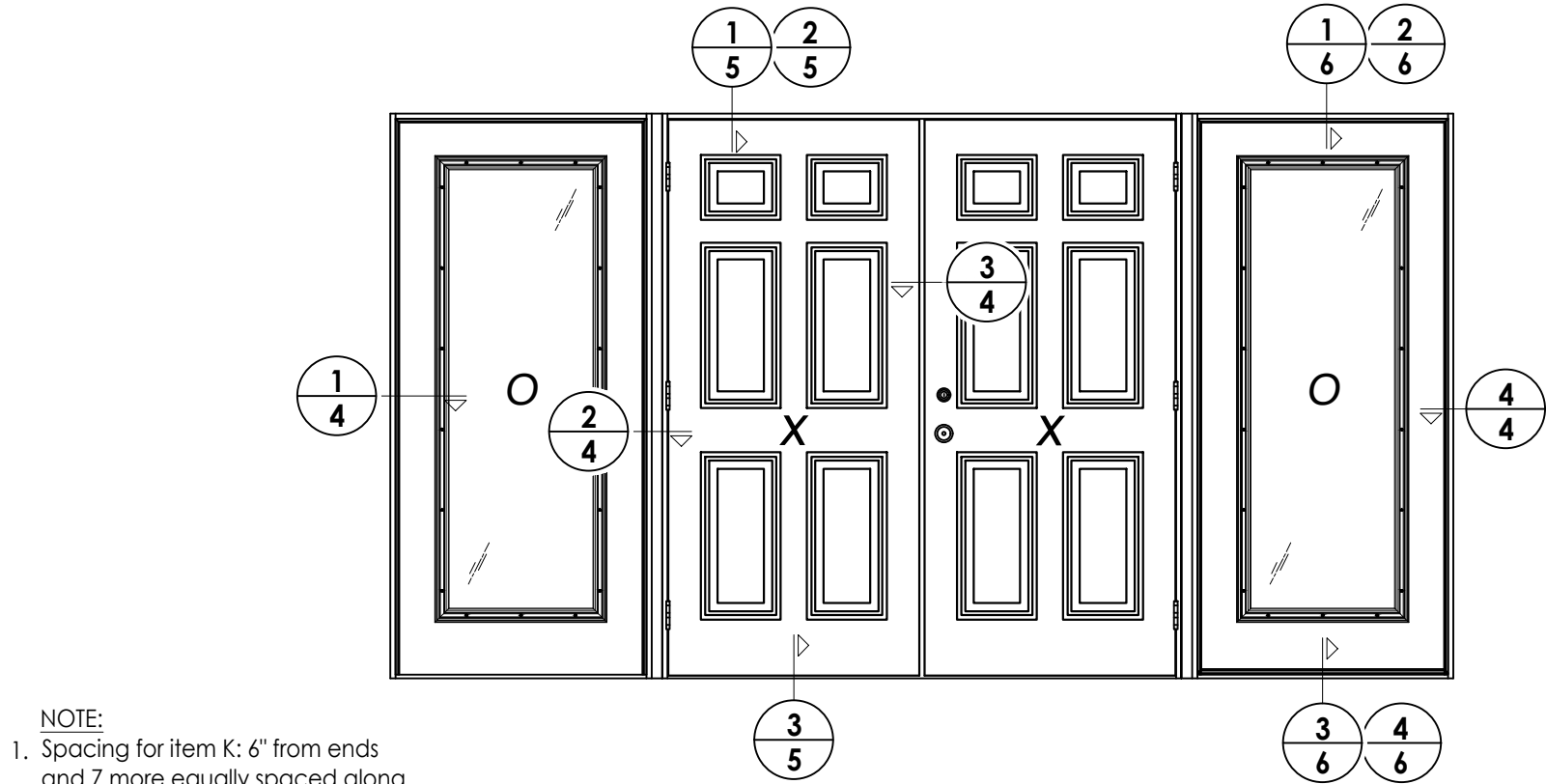
© 2012 R.W. BUILDING CONSULTANTS INC.



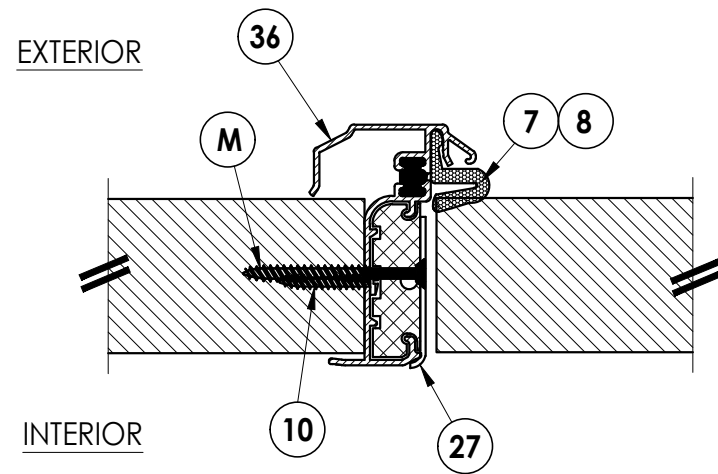
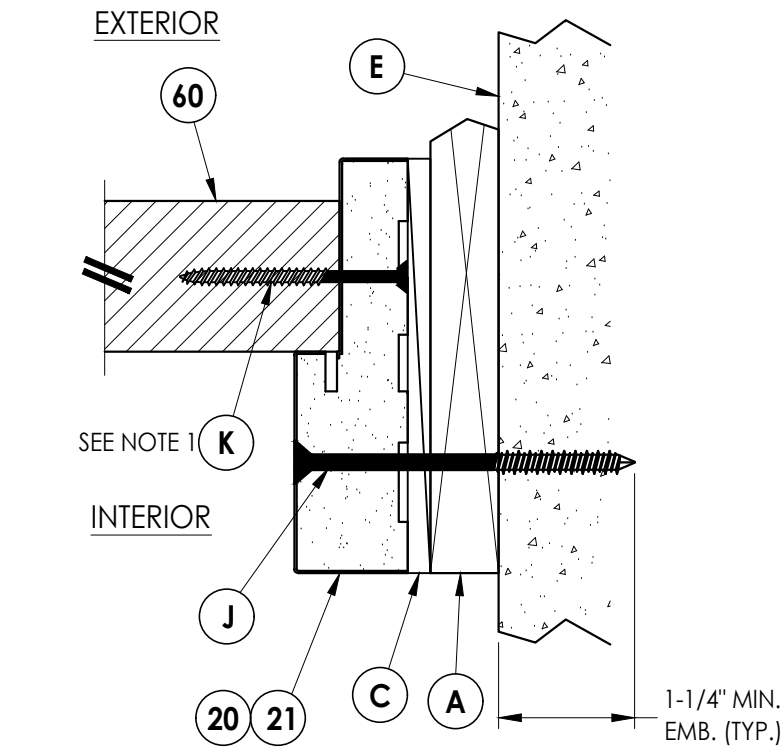
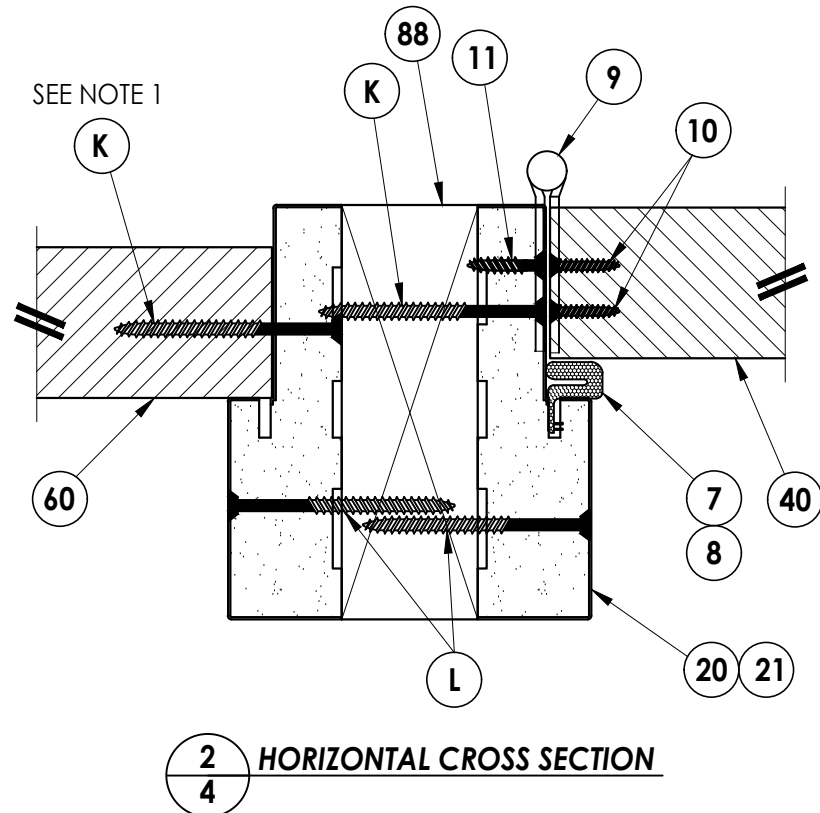
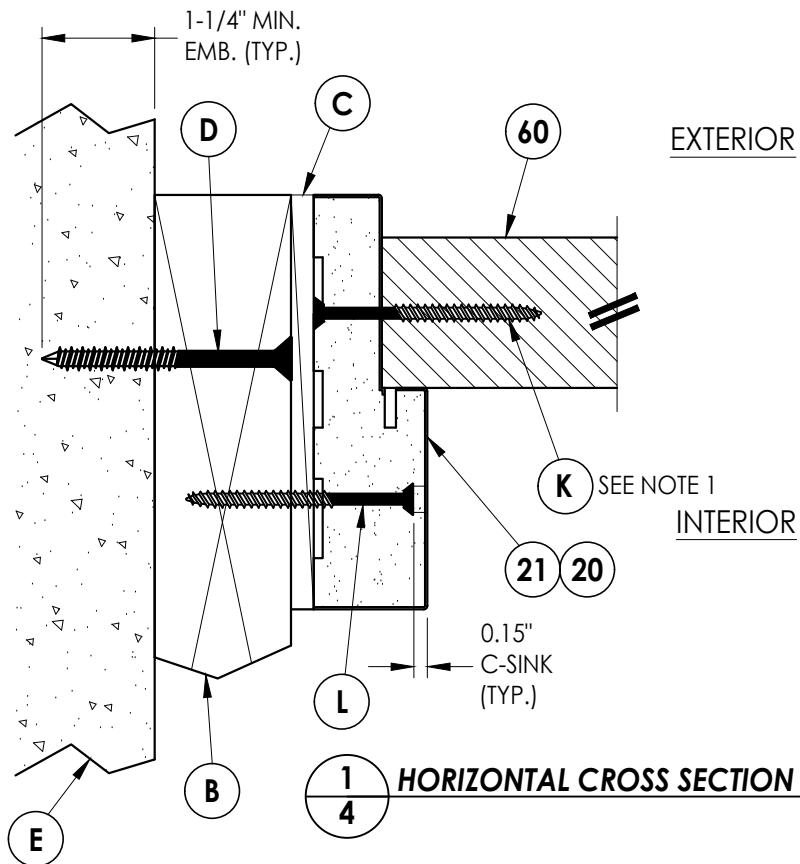
HARDWARE TABLE	
MANUFACTURER	MODEL
KWIKSET	KNOB: SIGNATURE SERIES DEADBOLT: SIGNATURE SERIES (780)

[illegible]

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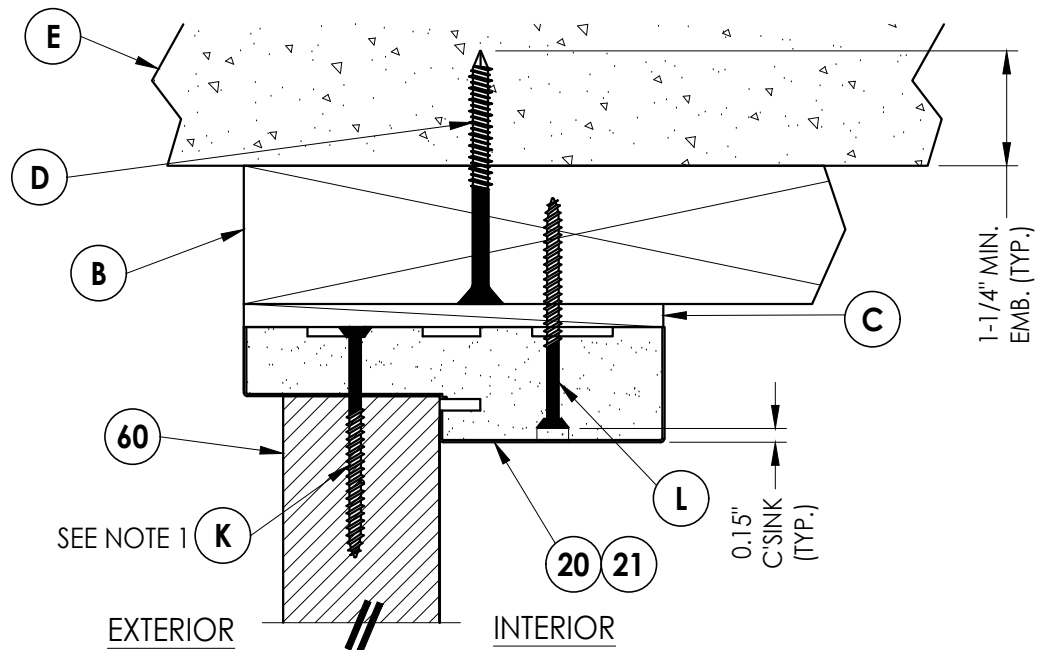
NOTE:
1. Spacing for item K: 6" from ends and 7 more equally spaced along sidelite (9 total).



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: HORIZONTAL CROSS SECTIONS	
4	8/15/23	UPDATE TO 8TH ED. (2023)	FBC
3	7/23/20	UPDATE TO 7TH ED. (2020)	FBC
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC
NO. DATE		REVISIONS	
DATE: 02/21/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15180.10			
SHEET 4 OF 10			

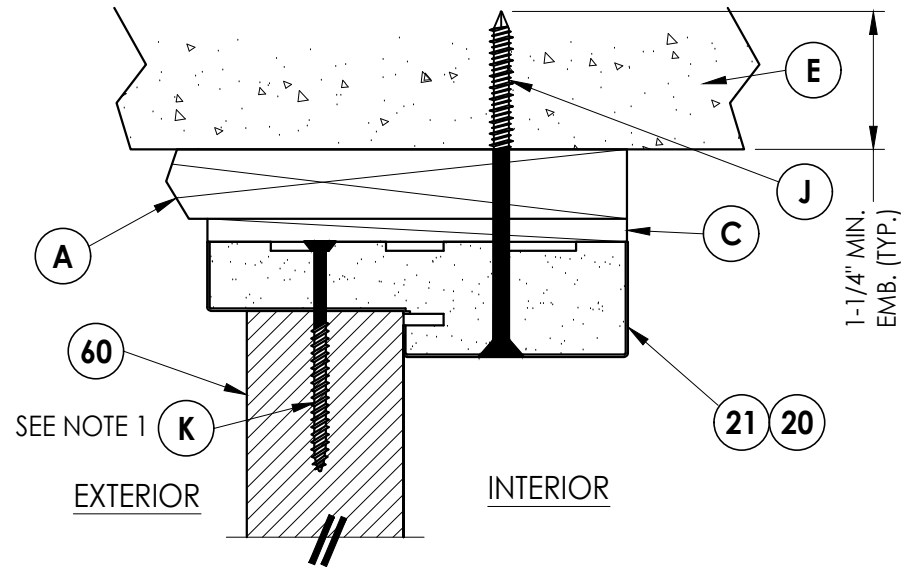
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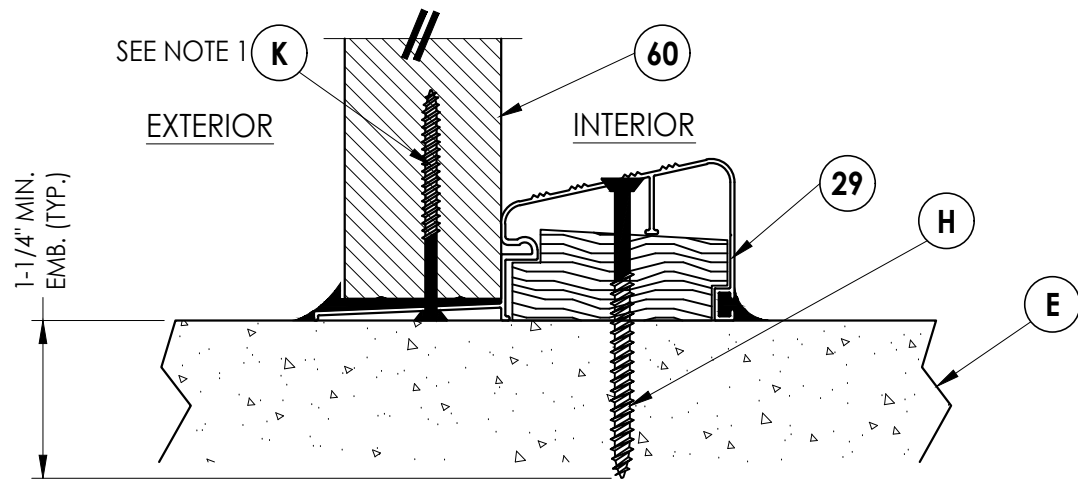


1
6 VERTICAL CROSS SECTION

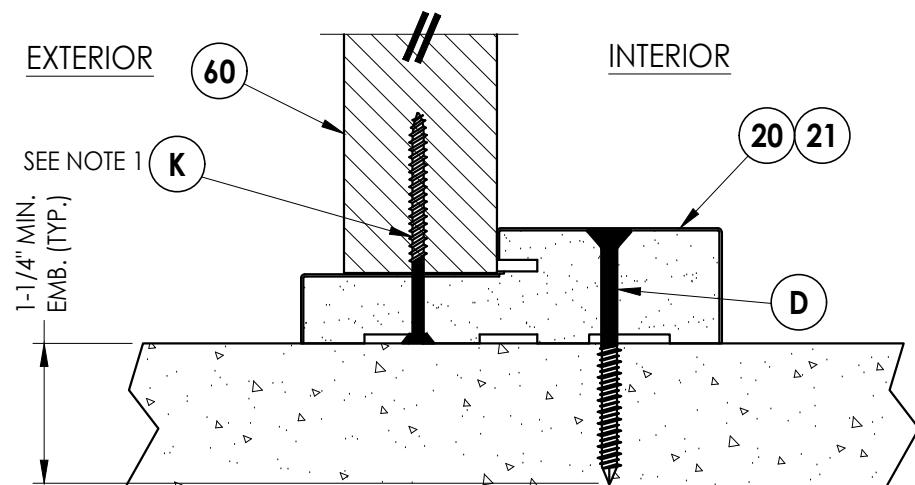
NOTE:
1. Spacing for item K: 6" from each end and at centerline (3 total).



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



3
6 VERTICAL CROSS SECTION



4
6 VERTICAL CROSS SECTION

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

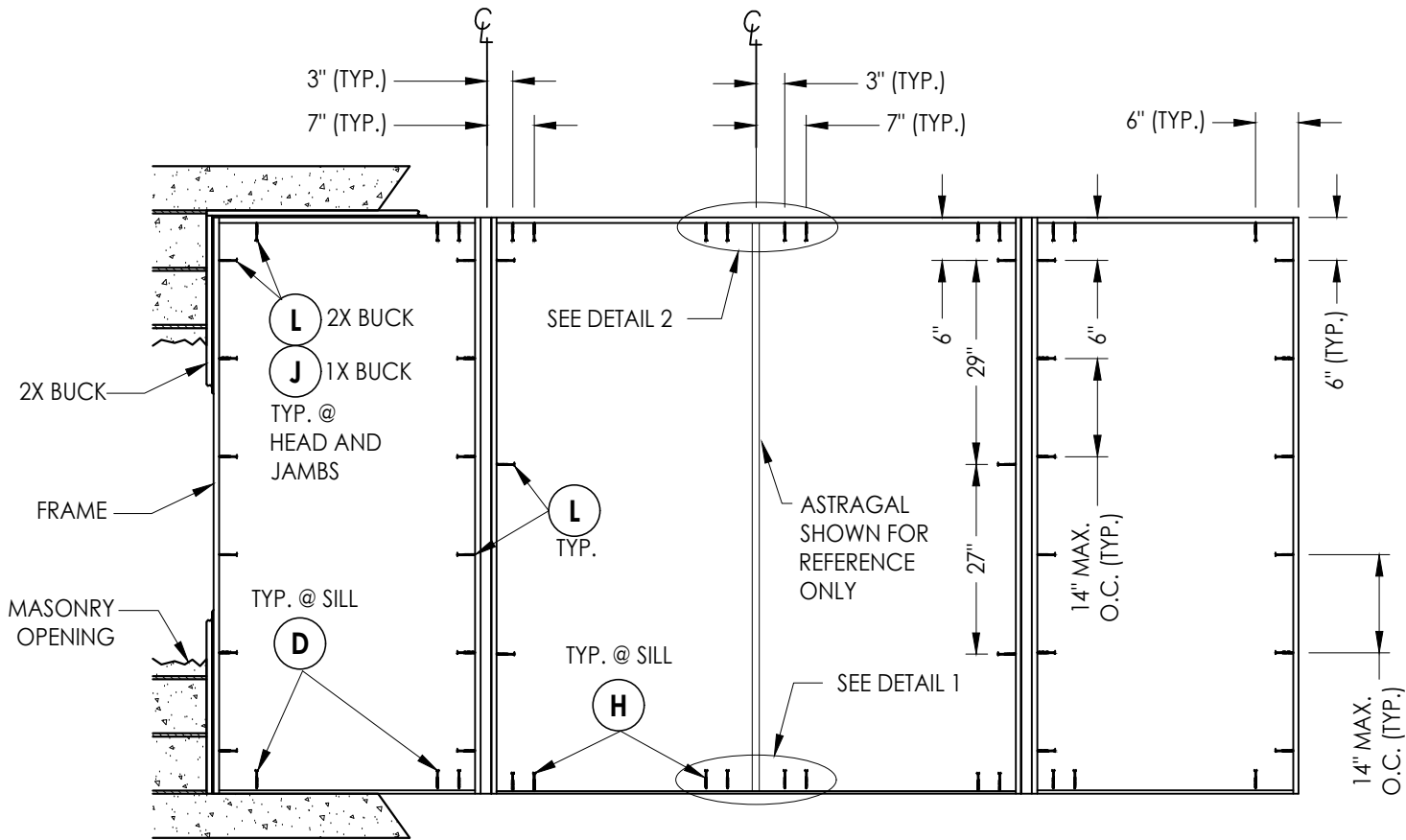
PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
VERTICAL
CROSS SECTIONS

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

DATE: 02/21/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15180.10
SHEET 6 OF 10

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FRAME ANCHORING
OXXO

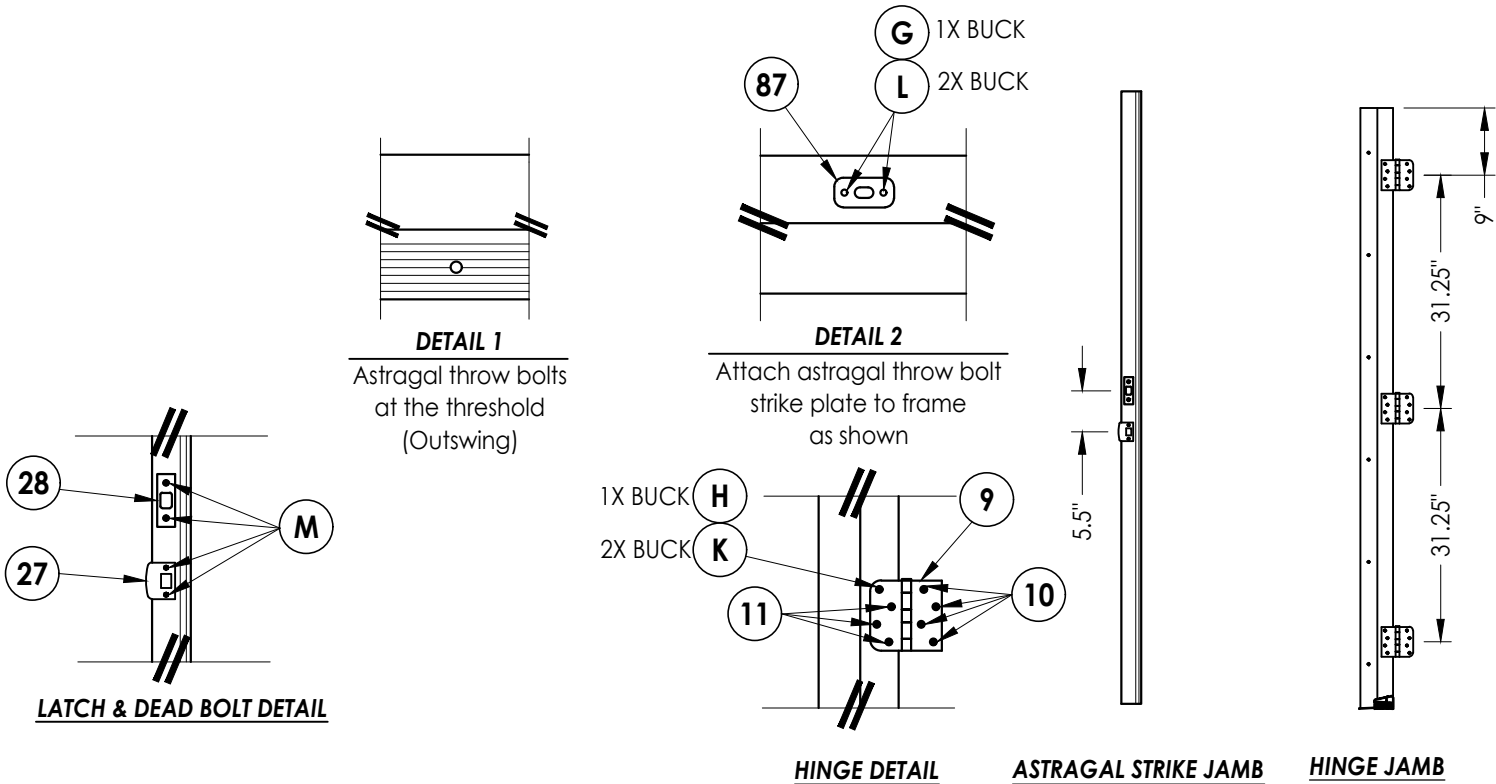
CONCRETE ANCHOR NOTES:

- 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:
Lyndon F. Schmidt
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:
FRAME ANCHORING

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

DATE: 02/21/12

SCALE: N.T.S.

DWG. BY: JK

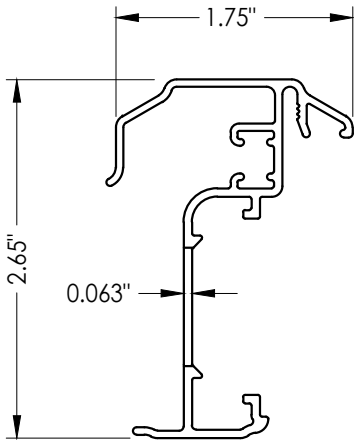
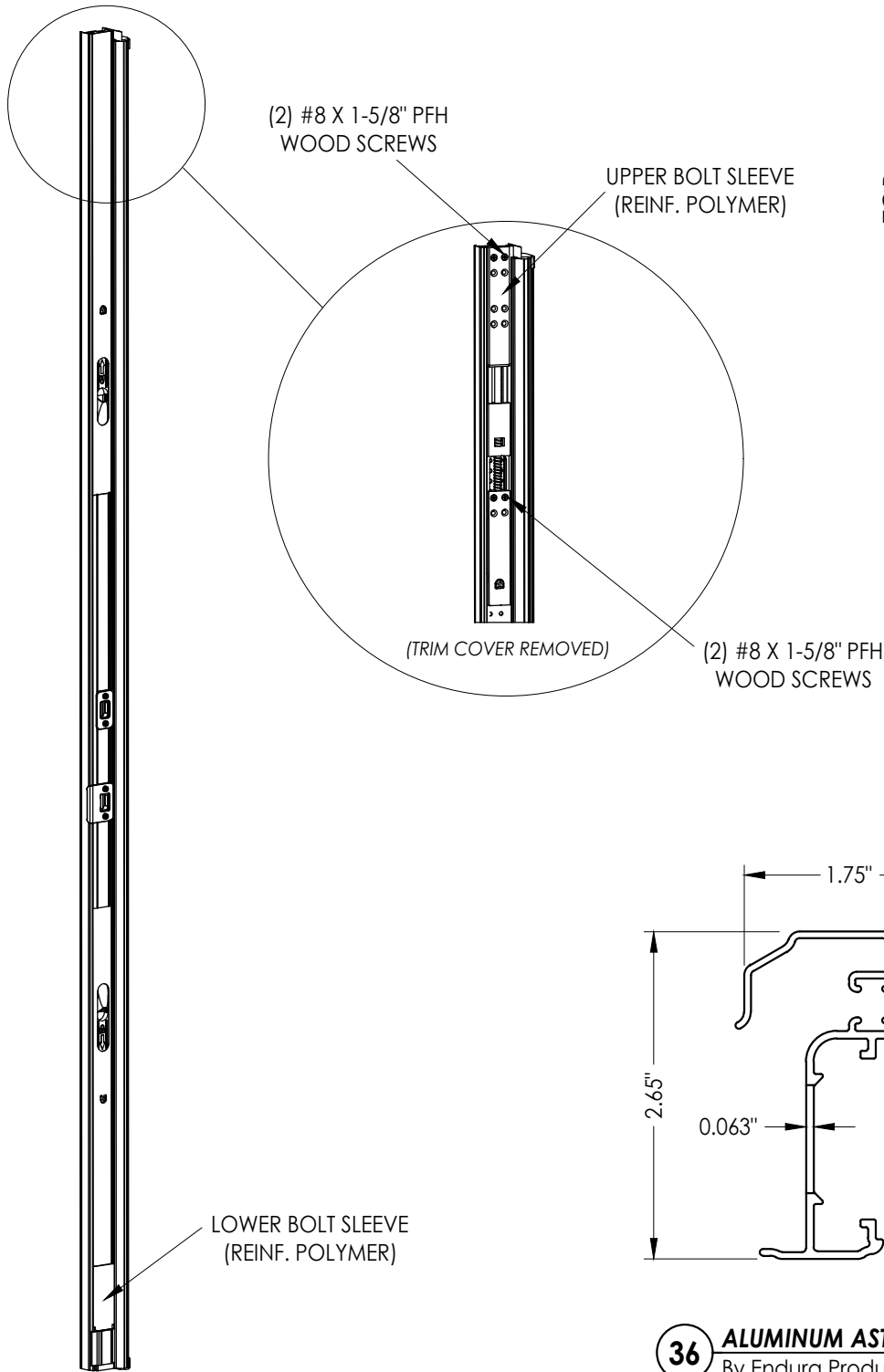
CHK. BY: LFS

DRAWING NO.:

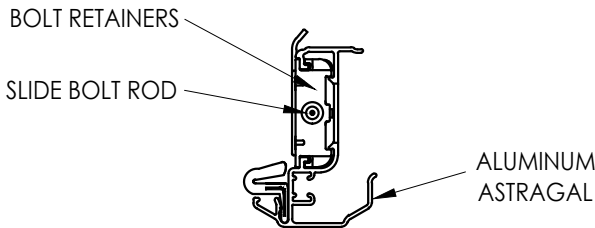
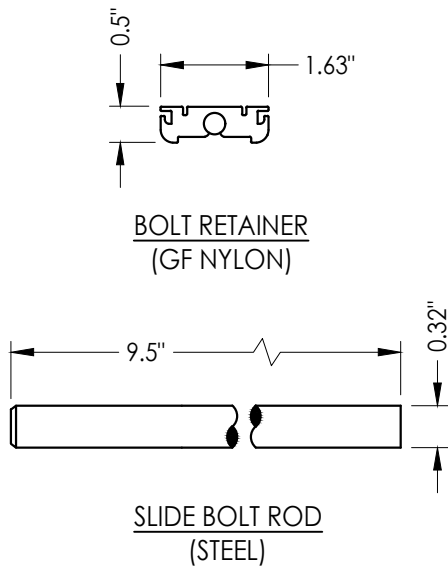
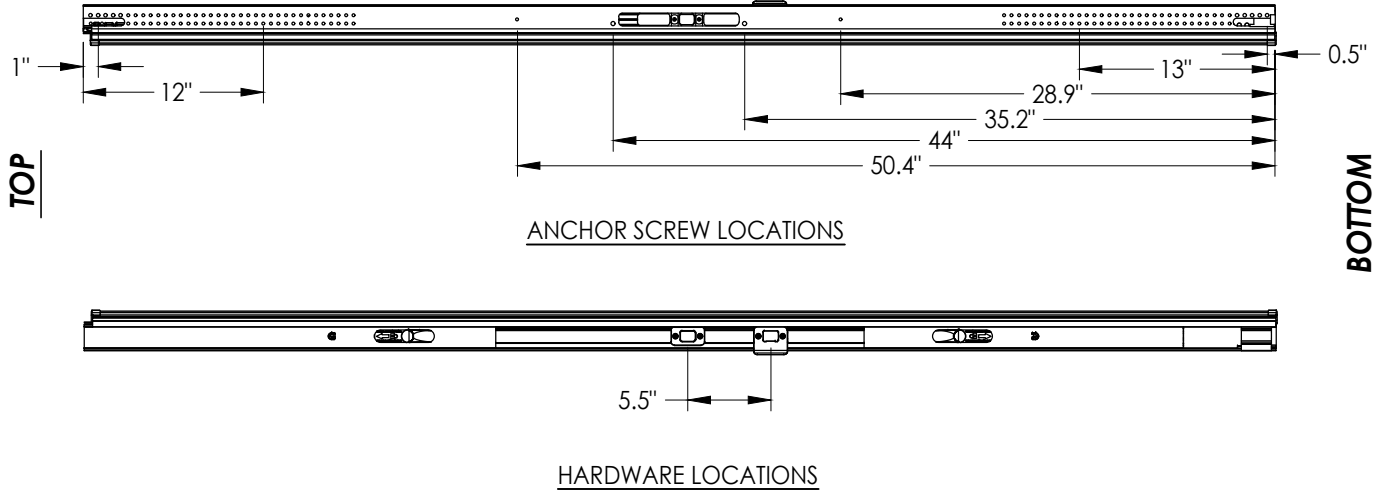
FL-15180.10

SHEET 8 OF 10

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36 **ALUMINUM ASTRAGAL**
By Endura Products

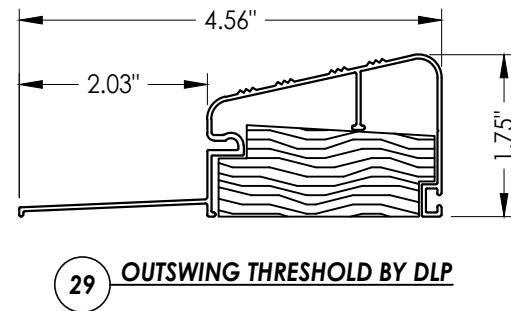


ALUMINUM ASTRAGAL ASSEMBLY

ULTIMATE HURRICANE ASTRAGAL

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				<i>RW</i> 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:		ASTRAGAL DETAILS	
4	8/15/23	UPDATE TO 8TH ED. (2023)	FBC	LFS			
3	7/23/20	UPDATE TO 7TH ED (2020)	FBC	LFS			
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK			
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK			
	NO.	DATE		BY			
REVISIONS							
DATE: 02/21/12							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-15180.10							
SHEET 9 OF 10							

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" 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
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 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	#9 X 2-1/2" PFH WOOD SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
M	#8 X 2" PFH WOOD SCREW	STEEL
7	FORCE 5 WEATHERSTRIPPING (ENDURA)	FOAM
8	COMPRESSION WEATHERSTRIP QLON 650 (SCHLEGEL)	FOAM
9	4" X 4" BUTT HINGE	STEEL
10	#9 X 1" PFH WOOD SCREW	STEEL
11	#9 X 3/4" PFH WOOD SCREW	STEEL
20	FINGER JOINTED PINE FRAME, HEAD & HINGE JAMBS	WOOD
21	POLY FIBER JAMB	COMP. / VINYL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
29	OUTSWING THRESHOLD BY DLP	ALUM./WOOD
36	EXTRUDED ALUMINUM "ULTIMATE HURRICANE ASTRAGAL" BY ENDURA	ALUMINUM
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
60	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
87	ASTRAGAL STRIKE PLATE	STEEL
88	2X REINFORCEMENT (CLEAR PINE: SG >= 0.49)	WOOD



DATE: 02/21/12		PRODUCT: PLASTPRO INC. FIBERGLASS DOOR		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	
SCALE: N.T.S.		PART OR ASSEMBLY: BILL OF MATERIALS & COMPONENTS		<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-15180.10					
SHEET 10 OF 10					
NO.		DATE		REVISIONS	
4	8/15/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	7/23/20	UPDATE TO 7TH ED (2020)	FBC	LFS	
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK	
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK	
				BY	