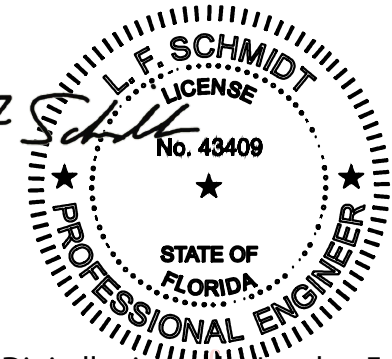




Smooth / Wood Grain / White Wood Grain
Rustic / Mahogany
Series O Fiberglass Door
OUTSWING
"IMPACT"

1. This product has been evaluated and is in compliance with the 9th Edition (2026) 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" this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
4. When used in areas outside of the "HVHZ" 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 E 1996.
5. For 2x stud 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 (using sill Items #30, 33 & 34) meet water infiltration requirements for "HVHZ". The ADA configuration (using sill Item #35) does not meet the water infiltration requirements for the "HVHZ" and must be installed only in non-habitable areas or at habitable locations protected by an overhang or canopy such that the angle between the edge of canopy or overhang to sill is less than 45 degrees.

TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevation, design pressures, & general notes
2	Door panel details
3	Horizontal & Vertical Cross Sections (2X Buck)
4	Horizontal & Vertical Cross Sections (1X Buck)
5	Horizontal & Vertical Cross Sections (Direct to Masonry)
6	Horizontal & Vertical Cross Sections (Direct to Masonry)
7	Vertical Cross Sections (Thresholds)
8	Buck and frame anchoring
9	Bill of materials and components



THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

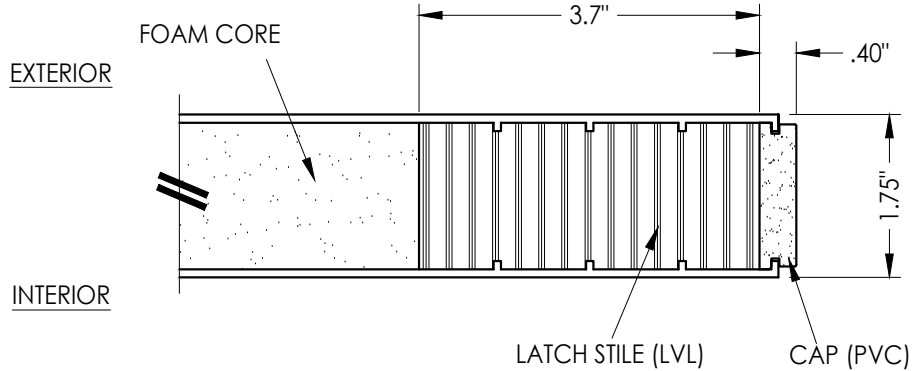
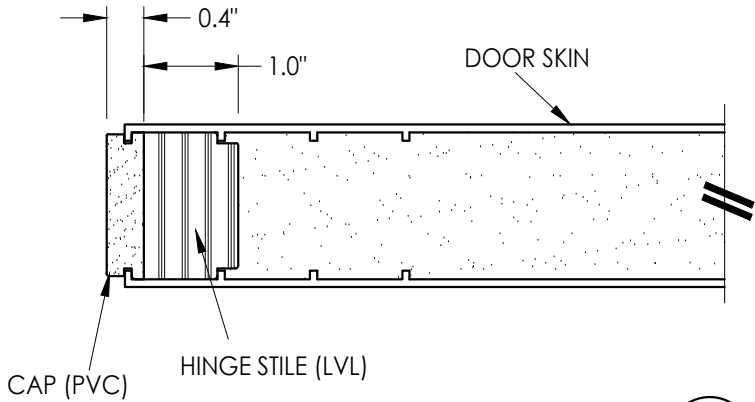
MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) w/ POLY FIBER JAMB		DESIGN PRESSURE (PSF) w/ WOOD JAMB	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
37.5" x 97.0"	+65.0	-65.0	+60.0	-60.0

PRODUCT: PLASTPRO INC. FIBERGLASS DOOR	PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES
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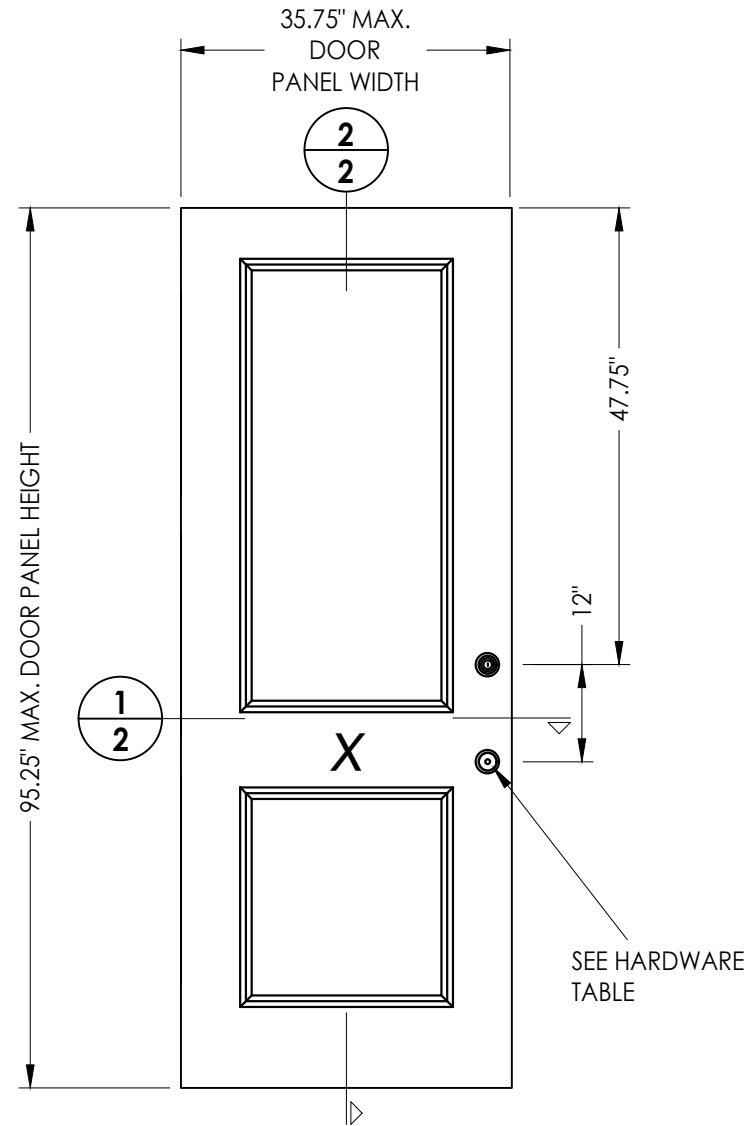
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5	8/17/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
4	6/22/22	ADD ADA THRESHOLD		LFS
3	7/27/20	UPDATE TO 7TH ED (2020)	FBC	LFS
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK
1	3/9/15	UPDATE TO 5TH ED. (2014)	FBC	JK
NO.	DATE	REVISIONS		

DATE:	02/19/13
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15210.10
SHEET	1 OF 9

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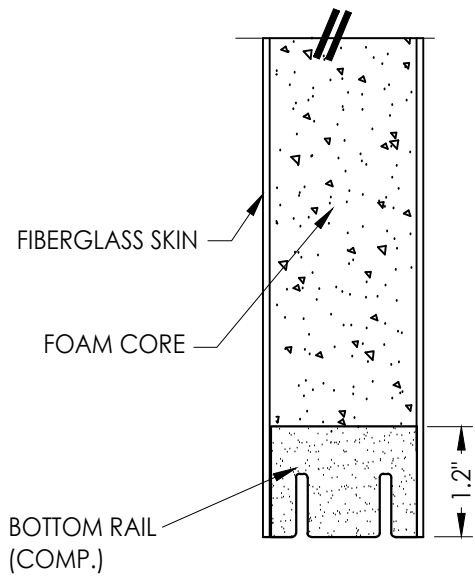
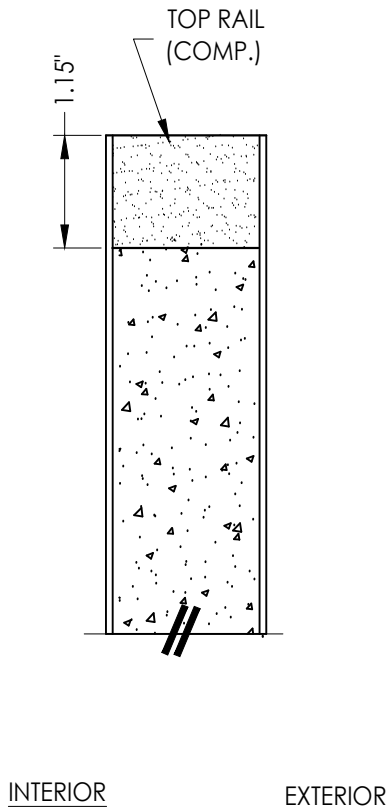
1
2 **HORIZONTAL CROSS SECTION**



40 **DOOR PANEL**

FIBERGLASS DOOR SKIN: MIN. 0.130" THK.
CORE MATERIAL: POLYURETHANE FOAM (1.9 PCF MIN.)

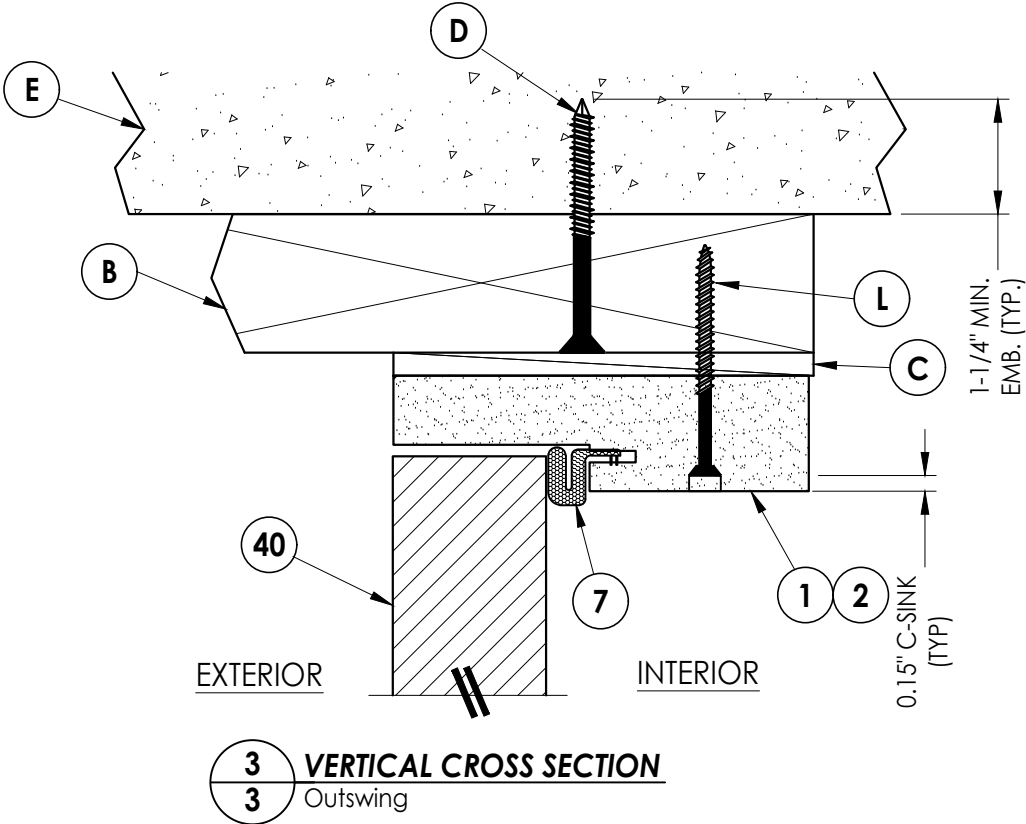
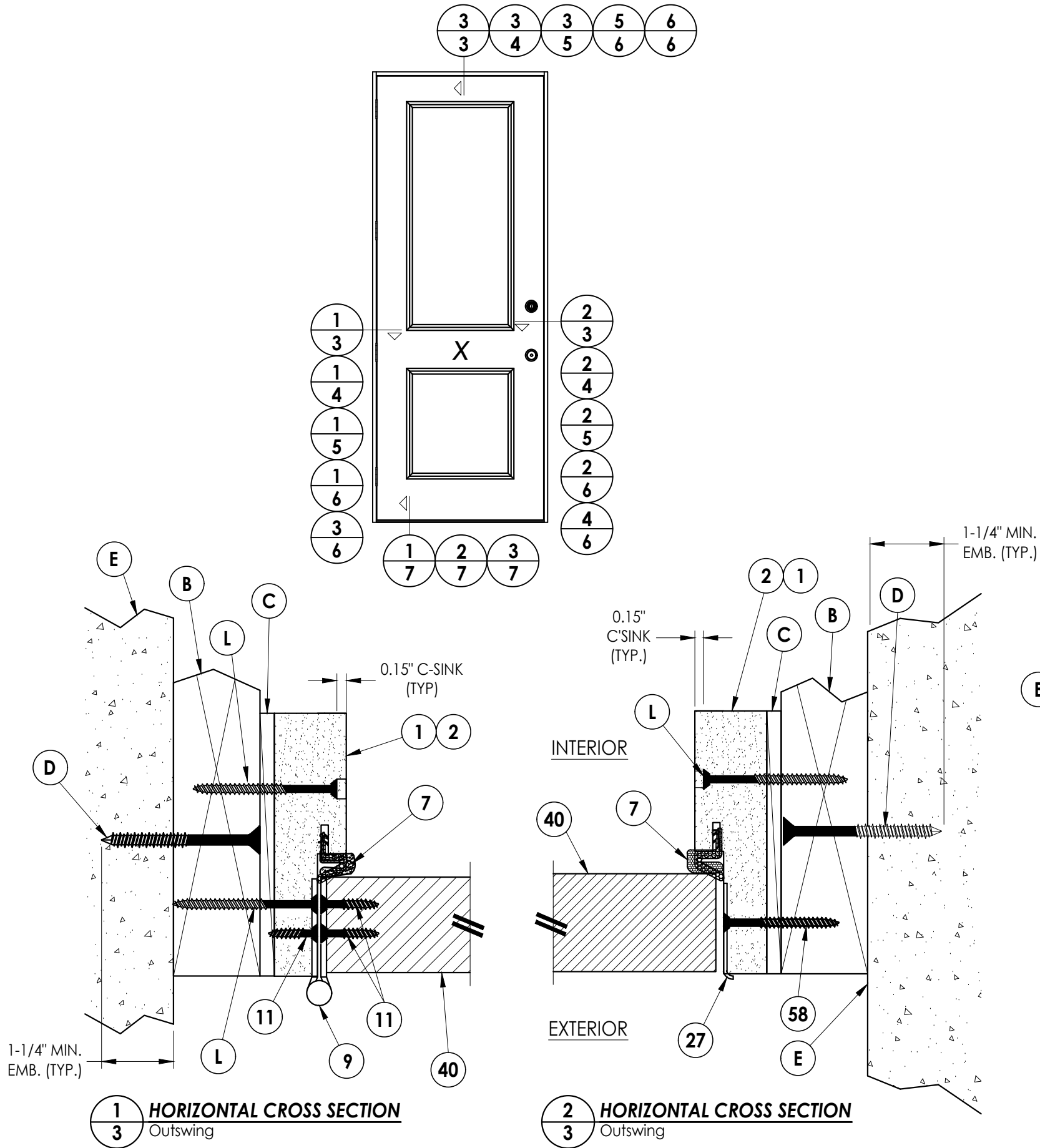
HARDWARE TABLE			
MANUFACTURER	MODEL		MAX. DESIGN PRESSURE (PSF)
KWIKSET	Knob:	SIGNATURE SERIES	± 65
	DEADBOLT:	SIGNATURE SERIES (980)	
SCHLAGE	Knob:	"F" SERIES (F51)	± 65
	DEADBOLT:	"B" SERIES (B60/62)	
BALDWIN	HANDLESET/LEVER DEADBOLT:	"PRESTIGE" SERIES "PRESTIGE" SERIES (380)	± 60



2
2 **VERTICAL CROSS SECTION**

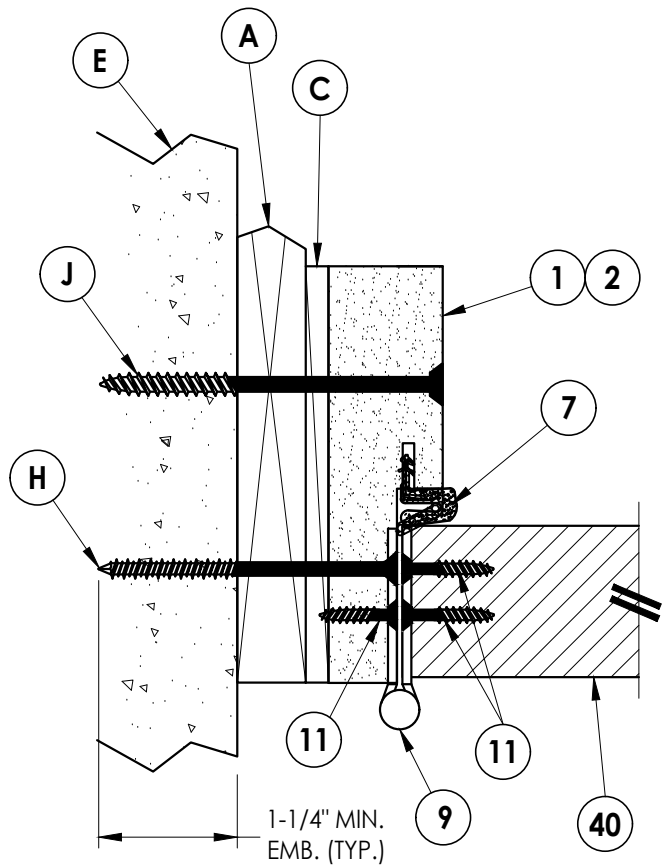
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: PLASTPRO INC. FIBERGLASS DOOR				PART OR ASSEMBLY: DOOR PANEL DETAILS			
6	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	REVISIONS	NO.	DATE
5	8/17/23	UPDATE TO 8TH ED. (2023)	FBC	LFS		1	3/9/15
4	6/22/22	ADD ADA THRESHOLD	FBC	LFS		2	7/24/17
3	7/27/20	UPDATE TO 7TH ED (2020)	FBC	LFS		3	7/27/20
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK		4	6/22/22
1	3/9/15	UPDATE TO 5TH ED. (2014)	FBC	JK		5	8/17/23
DATE: 02/19/13				SCALE: N.T.S.			
DWG. BY: JK				CHK. BY: LFS			
DRAWING NO.: FL-15210.10				SHEET 2 OF 9			

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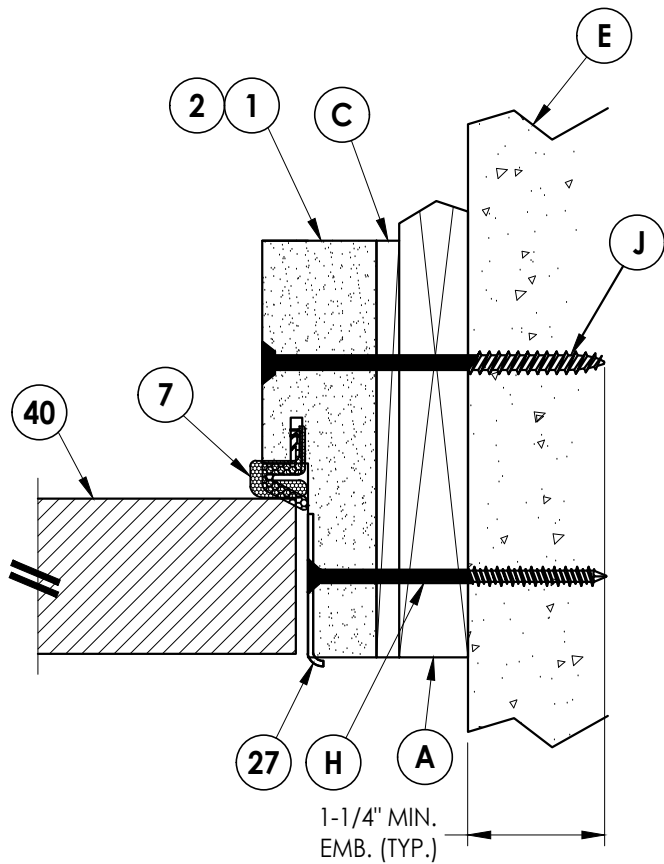
Documents Prepared By:		Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT:		PLASTPRO INC. FIBERGLASS DOOR		PART OR ASSEMBLY:	
LFS		JK		HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK)	
6	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	BY	REVISIONS
5	8/17/23	UPDATE TO 8TH ED. (2023)	FBC		
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2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC		
1	3/9/15	UPDATE TO 5TH ED. (2014)	FBC		
NO.		DATE			
DATE:		02/19/13			
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DWG. BY:		JK			
CHK. BY:		LFS			
DRAWING NO.:		FL-15210.10			
SHEET		3	OF	9	

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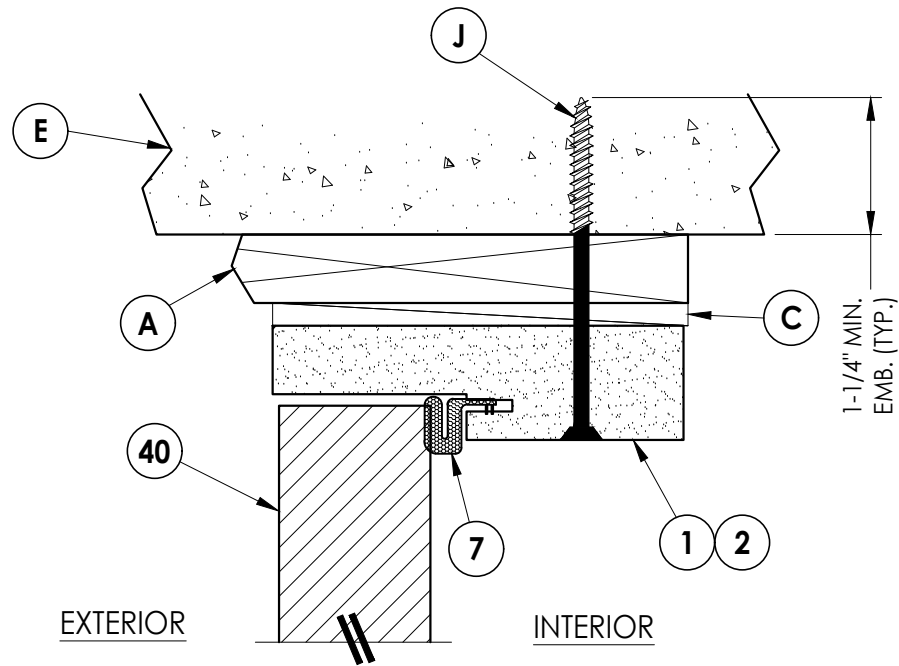


1
4 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing

INTERIOR
EXTERIOR



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



3
4 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing

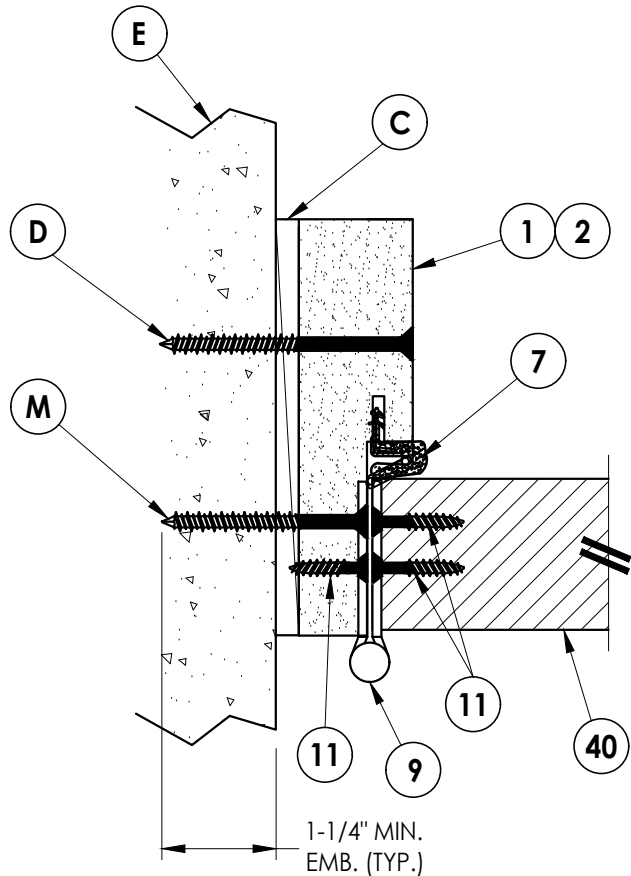
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CHK. BY: LFS
DRAWING NO.: FL-15210.10
SHEET 4 OF 9

NO.	DATE	REVISIONS
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1	3/9/15	UPDATE TO 5TH ED. (2014) FBC
JK		
LFS		
FBC		
FBC		
FBC		

PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR
PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS (1X BUCK)

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

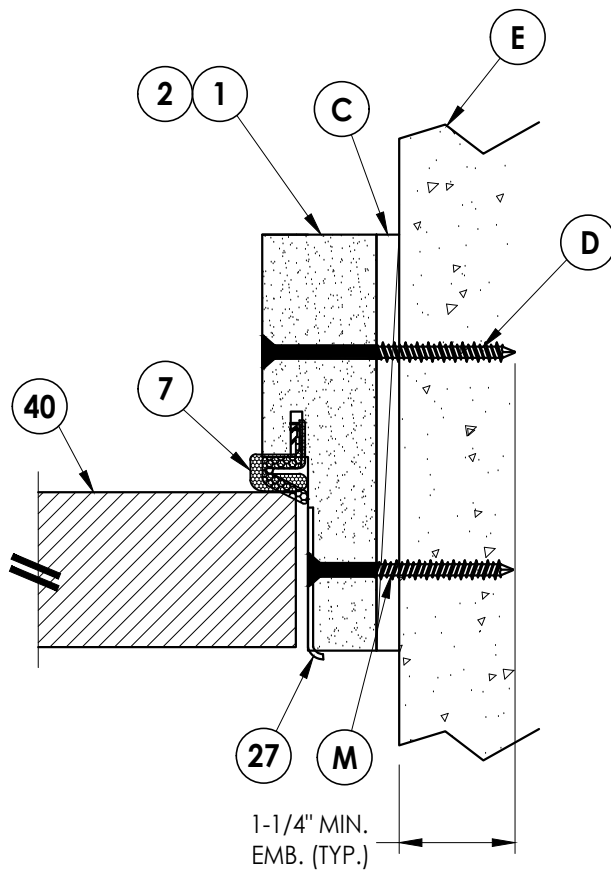
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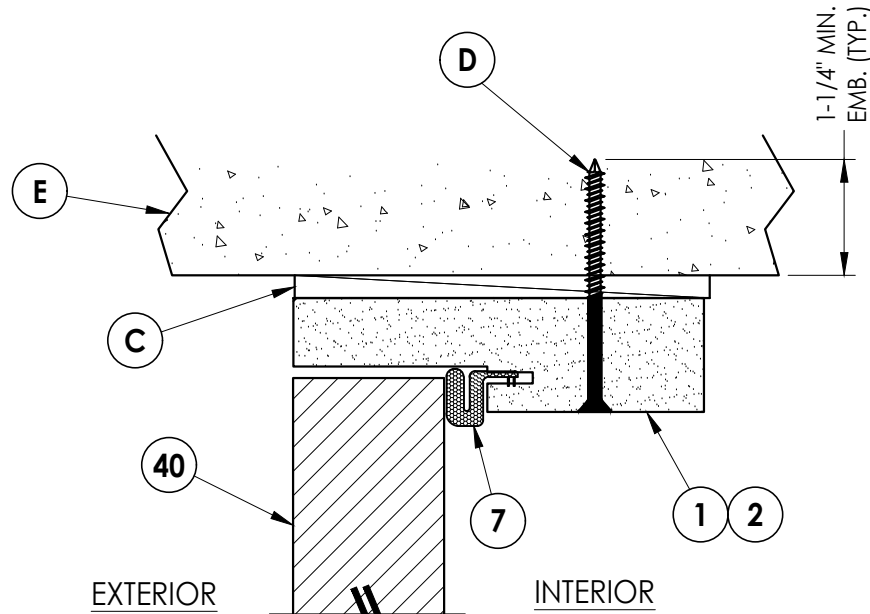
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5 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing

INTERIOR

EXTERIOR

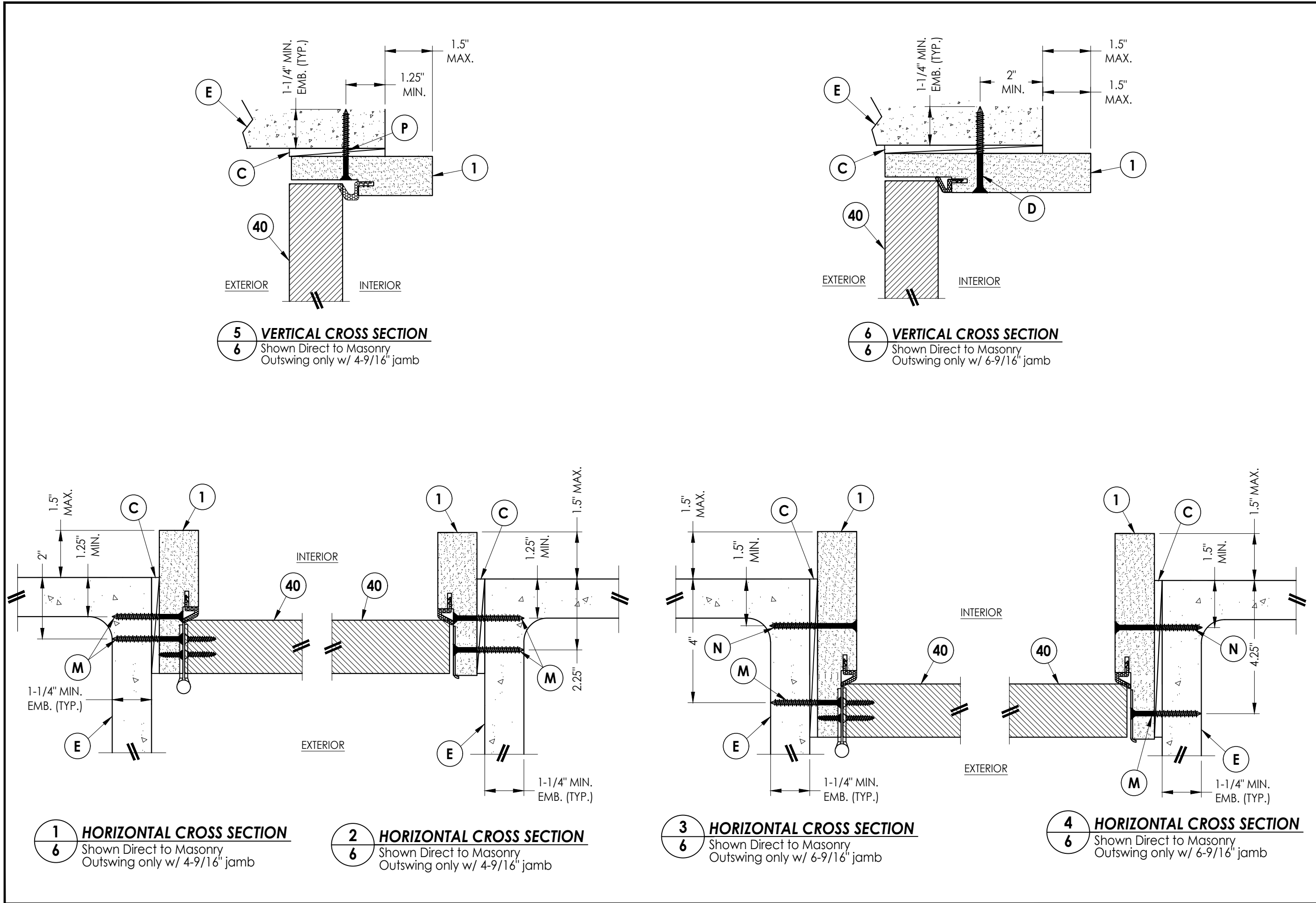


2
5 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing



3
5 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing

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 & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)			
6	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	REVISONS		
5	8/17/23	UPDATE TO 8TH ED. (2023)	FBC	LFS			
4	6/22/22	ADD ADA THRESHOLD		LFS			
3	7/27/20	UPDATE TO 7TH ED (2020)	FBC	LFS			
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK			
1	3/9/15	UPDATE TO 5TH ED. (2014)	FBC	JK			
NO.	DATE			BY			
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SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-15210.10							
SHEET 5 OF 9							



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P.E. No. 43409

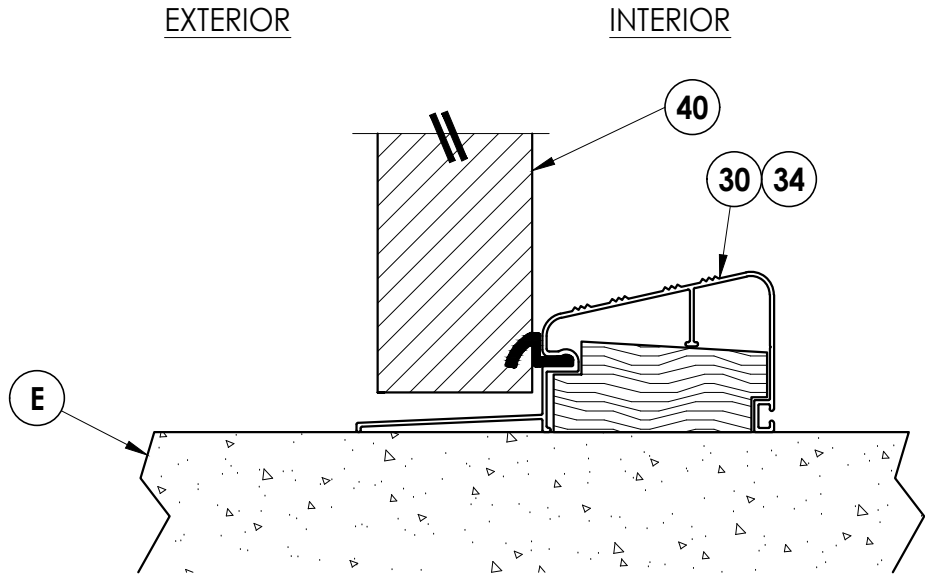
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

RW

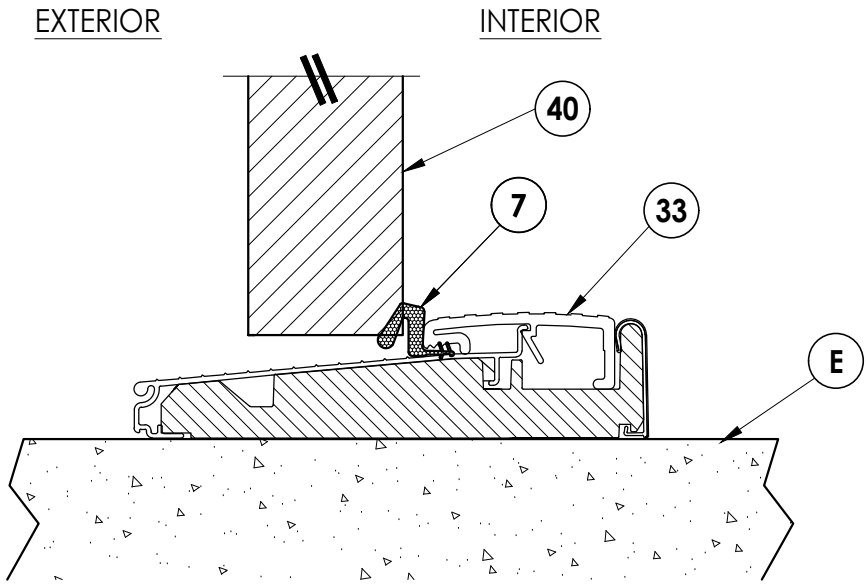
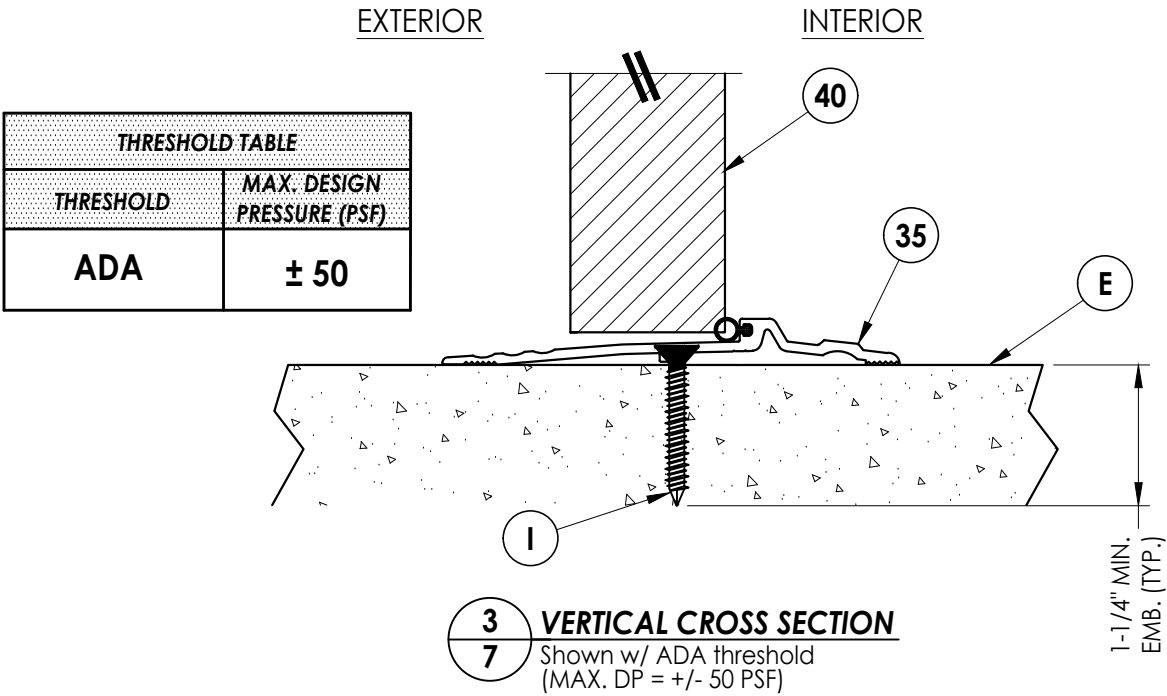
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PART OR ASSEMBLY:	HORIZONTAL & VERTICAL SECTIONS (DIRECT TO MASONRY)

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1	3/9/15	UPDATE TO 5TH ED.	(2014)	FBC	JK
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REVISIONS					
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SCALE: N.T.S.					
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CHK. BY: LFS					
DRAWING NO.: FL-15210.10					
SHEET 6 OF 9					

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1
7 VERTICAL CROSS SECTION



2
7 VERTICAL CROSS SECTION

DATE: 02/19/13
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15210.10
SHEET 7 OF 9

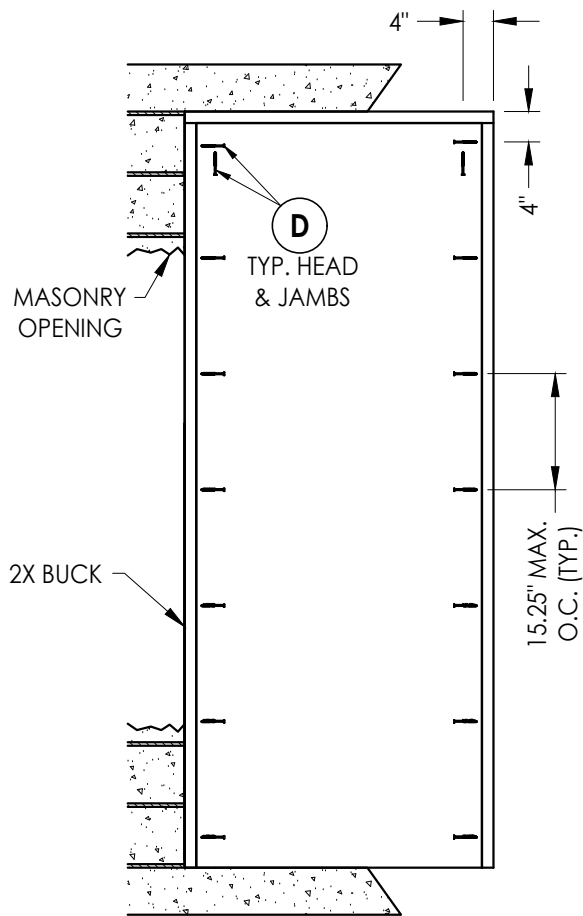
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2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC	JK	
1	3/9/15	UPDATE TO 5TH ED. (2014)	FBC	JK	

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR

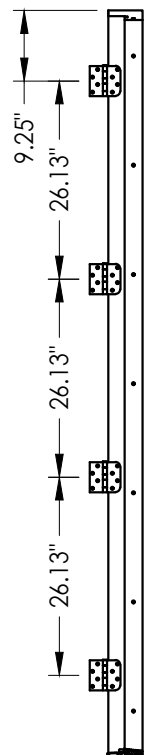
PART OR ASSEMBLY:
VERTICAL CROSS
SECTIONS (THRESHOLDS)

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

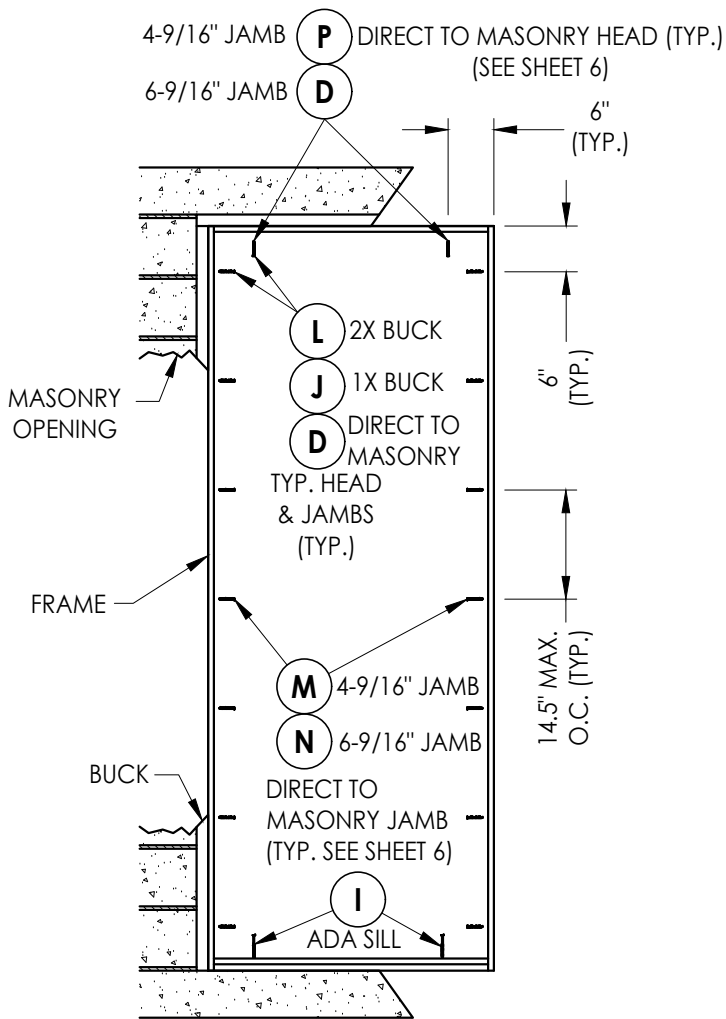
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



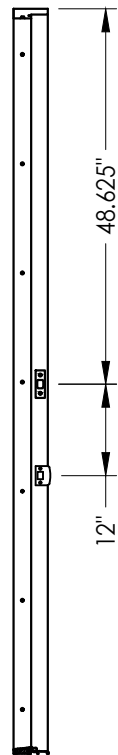
BUCK ANCHORING



HINGE JAMB



FRAME ANCHORING
Masonry construction



STRIKE JAMB

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.

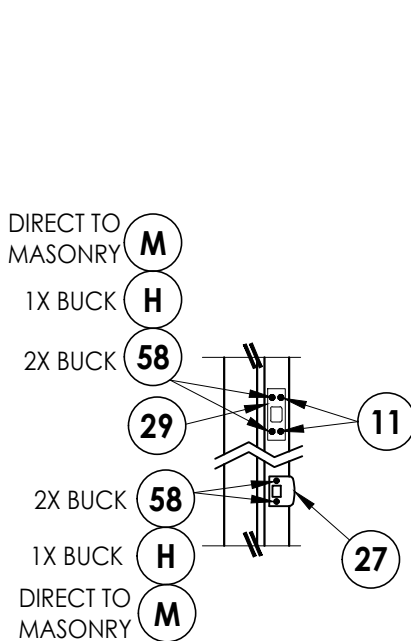
CONCRETE ANCHOR NOTES:

- 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:

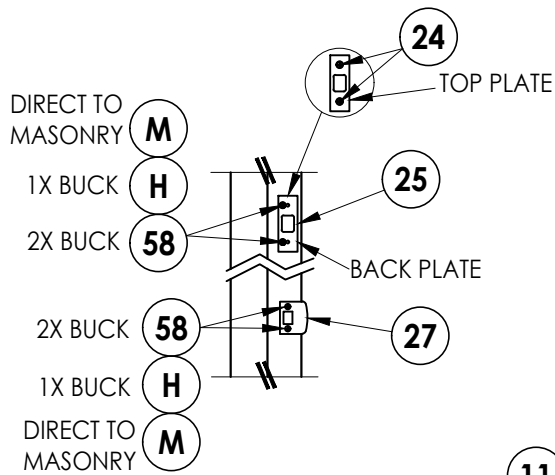
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

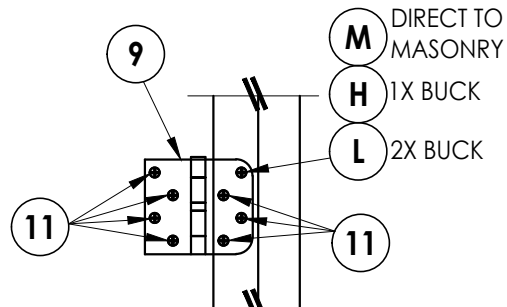
Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



LATCH AND DEADBOLT
Kwikset /Baldwin Hardware



STRIKE DETAIL
Schlage Hardware



HINGE DETAIL

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

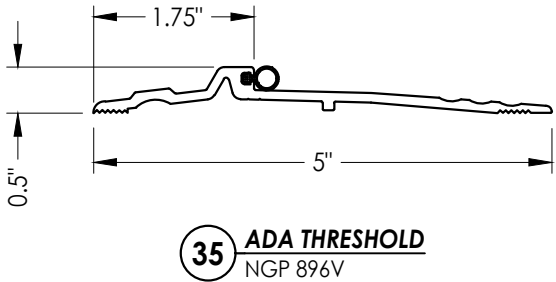
PART OR ASSEMBLY:
BUCK AND FRAME ANCHORING

NO.	DATE	REVISIONS
6	7/02/26	UPDATE TO 9TH ED. (2026) FBC
5	8/17/23	UPDATE TO 8TH ED. (2023) FBC
4	6/22/22	ADD ADA THRESHOLD
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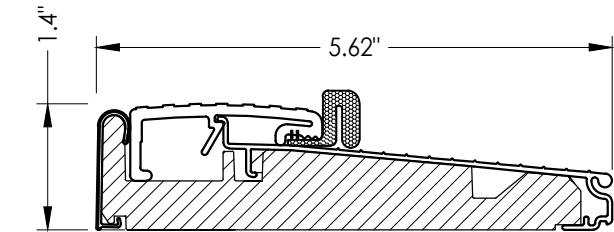
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SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15210.10
SHEET 8 OF 9

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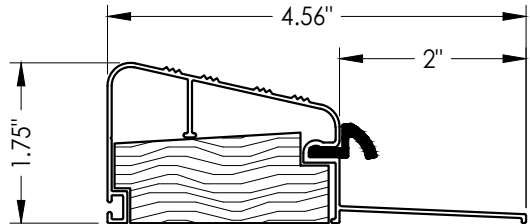
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
H	3/16" x 3-1/4" PFH ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
M	3/16" X 2-1/4" ITW CONCRETE SCREW	STEEL
N	3/16" X 2-3/4" ITW CONCRETE SCREW	STEEL
P	1/4" X 2-1/4" PFH DeWALT CONCRETE SCREW	STEEL
1	POLY FIBER JAMB	POLY FIBER
2	FINGER JOINTED PINE FRAME	WOOD
7	WEATHERSTRIP	FOAM
9	4" X 4" BUTT HINGE	STEEL
11	#9 X 3/4" PFH WOOD SCREW	STEEL
24	10-32 X 3/8" PFH MACHINE SCREW	STEEL
25	DEADBOLT STRIKE PLATE (SCHLAGE)	STEEL
27	LATCH STRIKE PLATE	STEEL
29	DEADBOLT STRIKE PLATE (SECURITY)	STEEL
30	OUTSWING THRESHOLD	ALUM/WOOD
33	OUTSWING THRESHOLD	ALUM/COMP
34	OUTSWING THRESHOLD	ALUM/WOOD
35	ADA THRESHOLD	ALUM
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
58	#8 X 2" PFH WS	STEEL



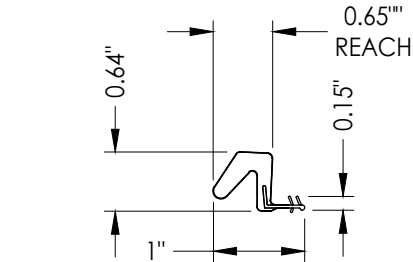
35 ADA THRESHOLD
NGP 896V



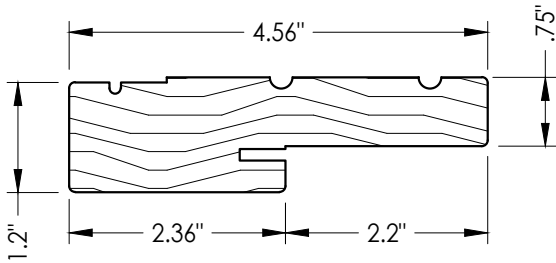
33 OUTSWING THRESHOLD
Endura (Z-Series)



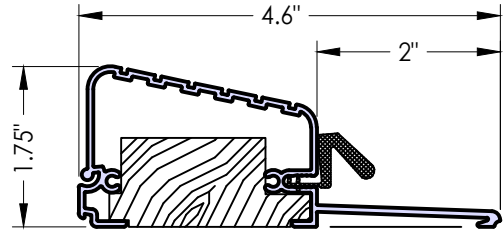
30 OUTSWING THRESHOLD
DLP (QOSR)



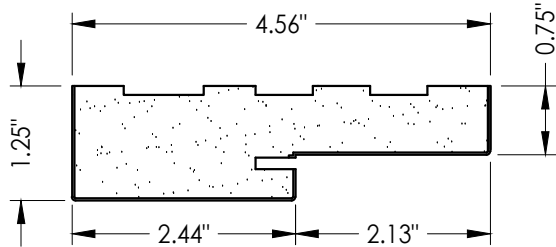
7 WEATHERSTRIP
Endura Force 5



2 WOOD JAMB



34 OUTSWING THRESHOLD
Columbia High Dam (581)



1 POLY FIBER JAMB
Plastpro

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 AND COMPONENTS			
6	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	REVISIONS			
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2	7/24/17	UPDATE TO 6TH ED. (2017)	JK				
1	3/9/15	UPDATE TO 5TH ED. (2014)	FBC				
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SHEET 9 OF 9							