



5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

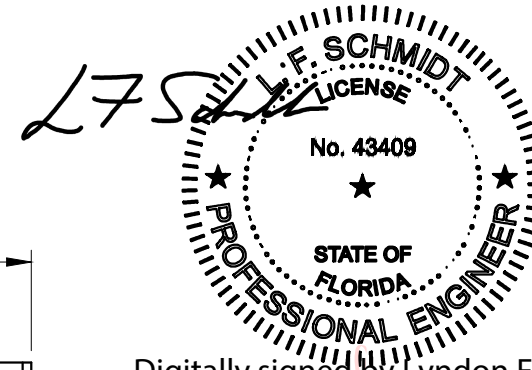
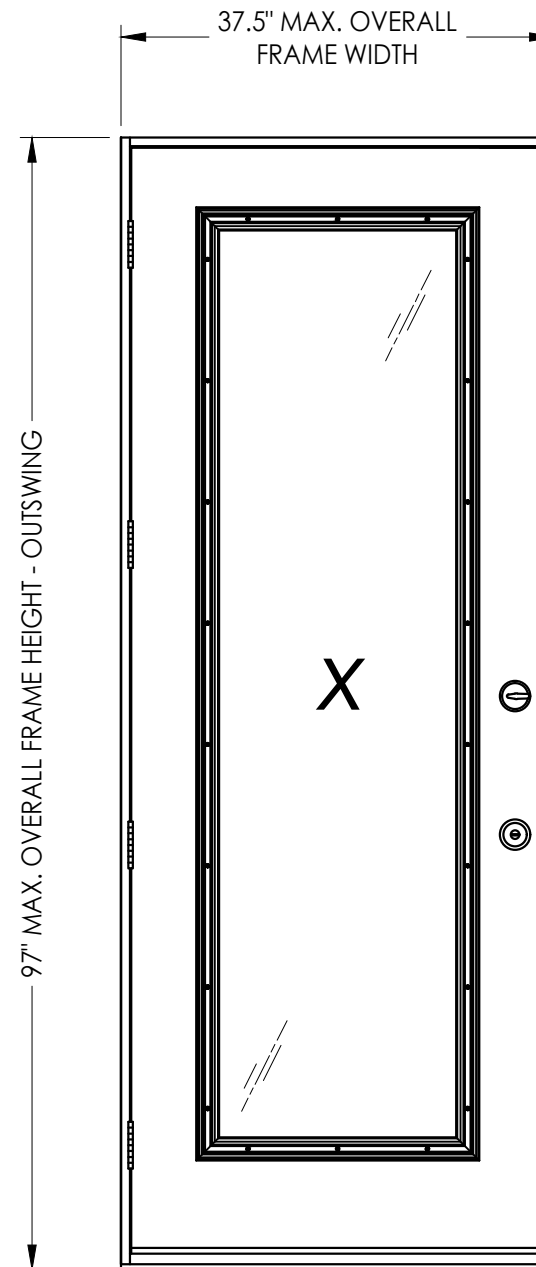
Smooth / Wood Grain / White Wood Grain
Rustic / Mahogany
Series O Fiberglass Door
OUTSWING
"IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements 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 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
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.

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



Digitally signed by Lyndon F Schmidt
Date: 2023.08.22 08:38:31 -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

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	+50.0	-50.0

See Sheets 2 & 7 for hardware & ADA threshold design pressure limitations

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

BUILDING CONSULTANTS, INC.
P.O. Box 230, Vairico, 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	JK	LFS
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	

DATE: 6/18/12

SCALE: N.T.S.

DWG. BY: JK

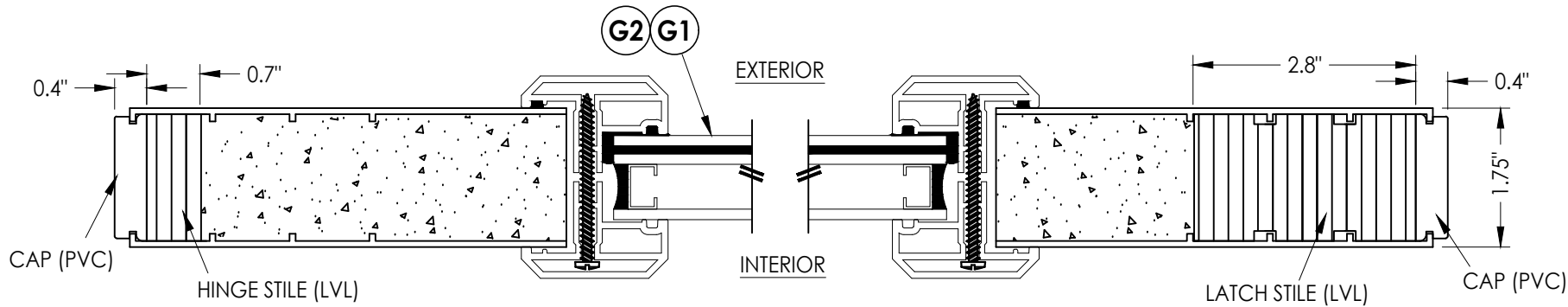
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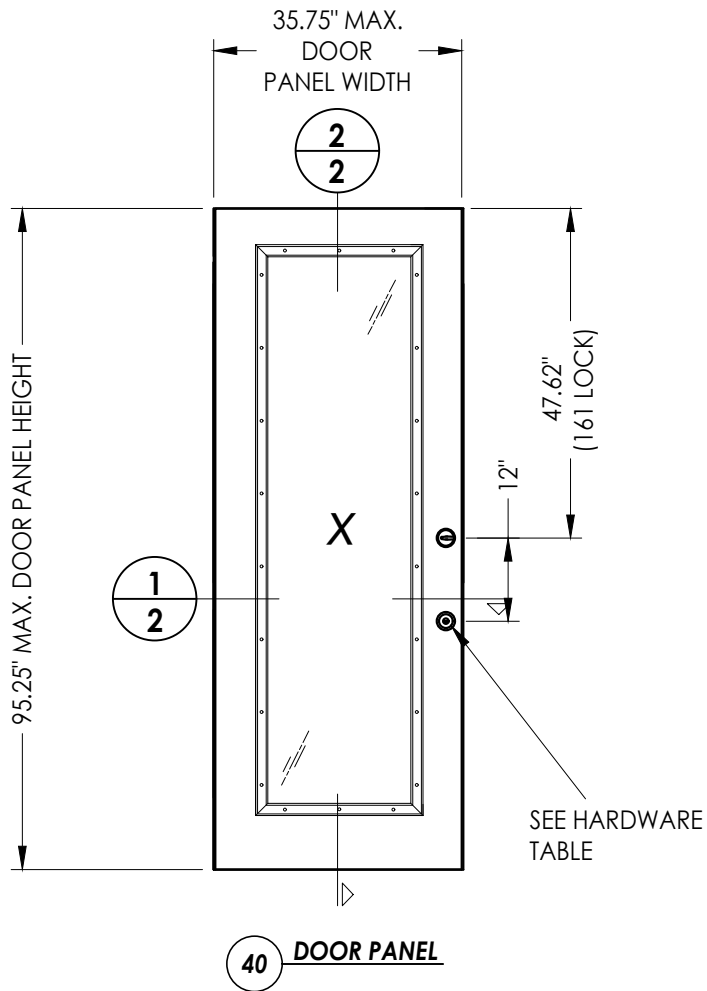
FL-15210.7

SHEET 1 OF 10

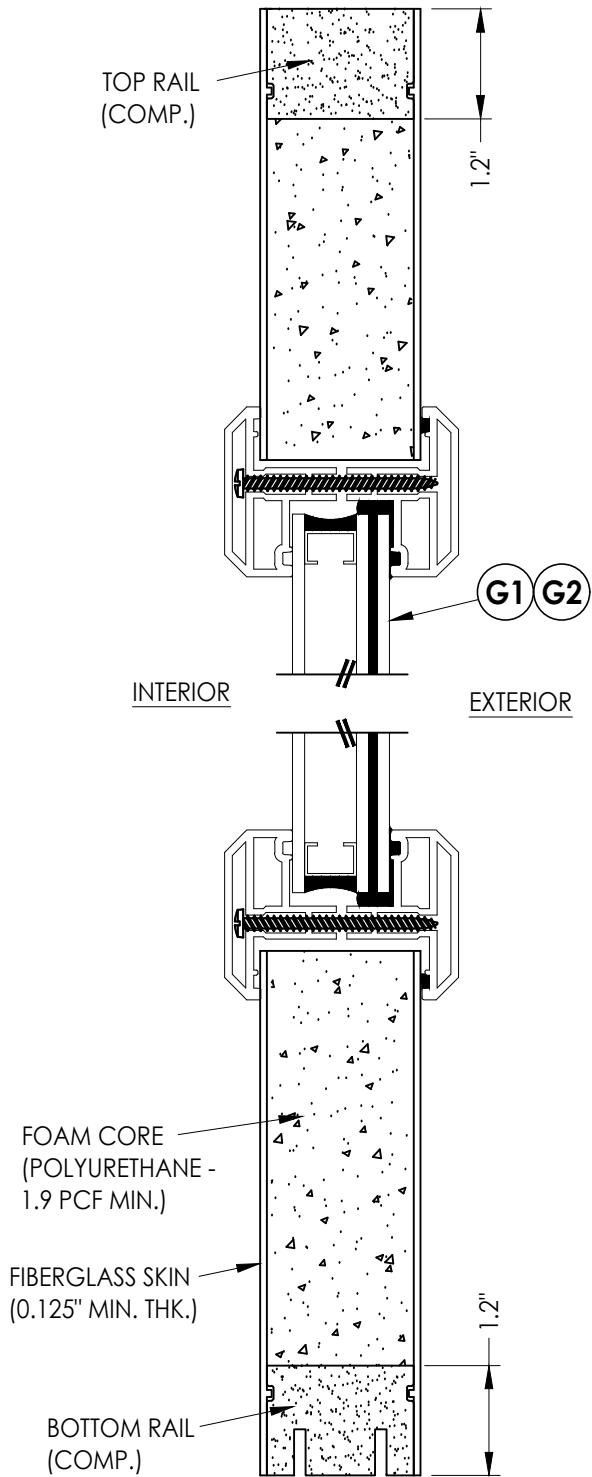
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1
2 **HORIZONTAL CROSS SECTION**



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 (180)	± 47



2
2 **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:
DOOR PANEL DETAILS

NO.	DATE	REVISIONS			
		BY	JK	LFS	FBC
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	

DATE: 6/18/12

SCALE: N.T.S.

DWG. BY: JK

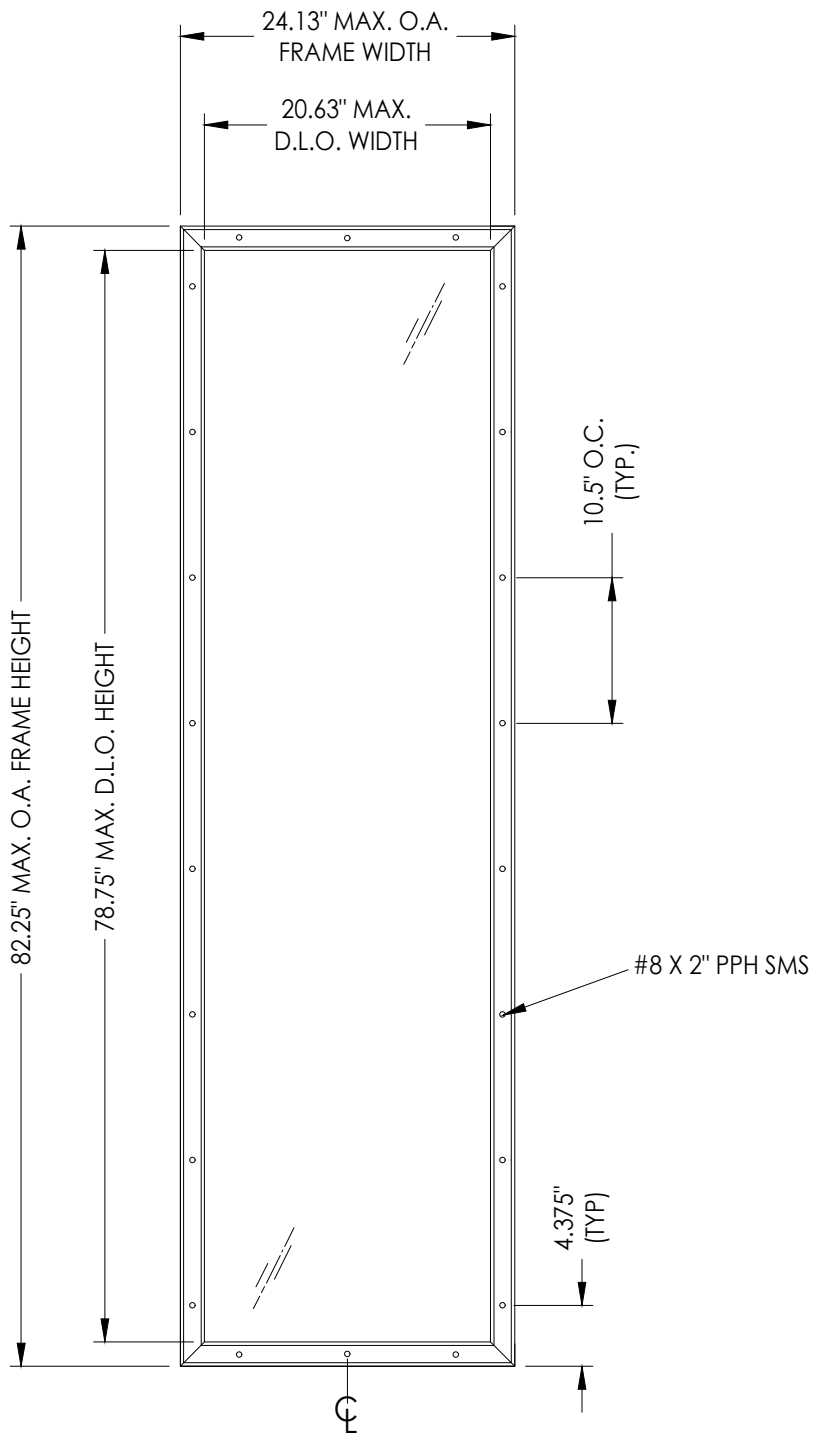
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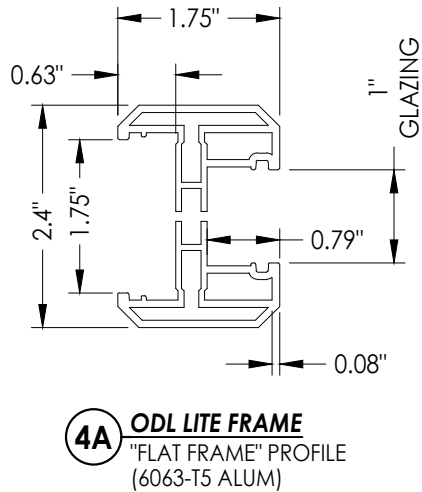
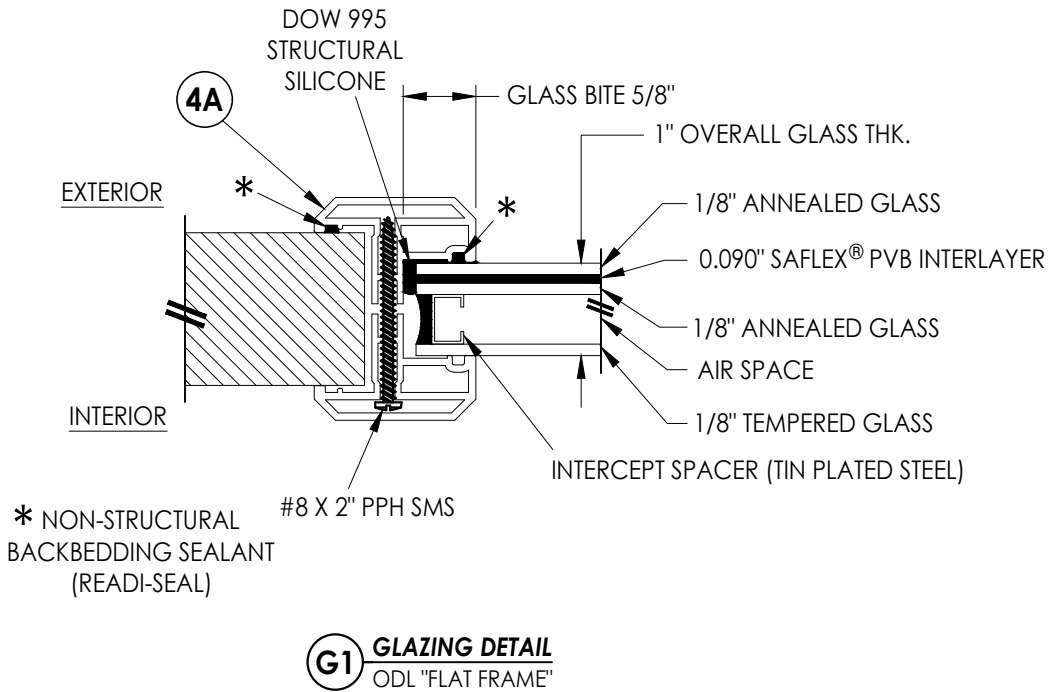
FL-15210.7

SHEET 2 OF 10

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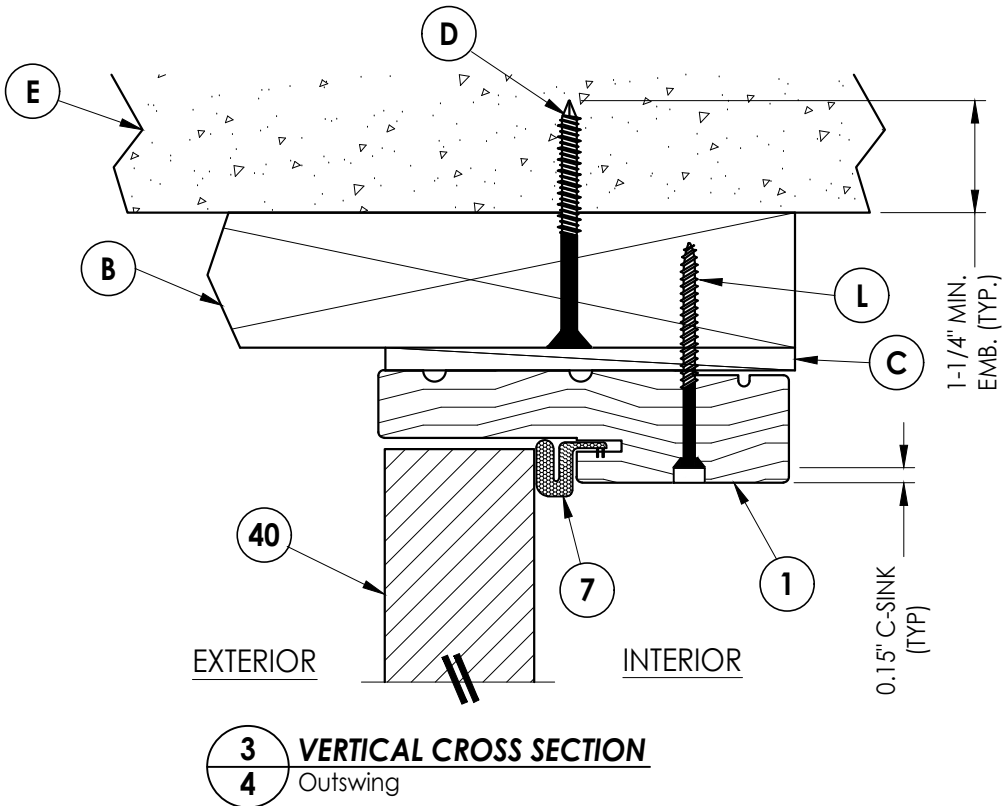
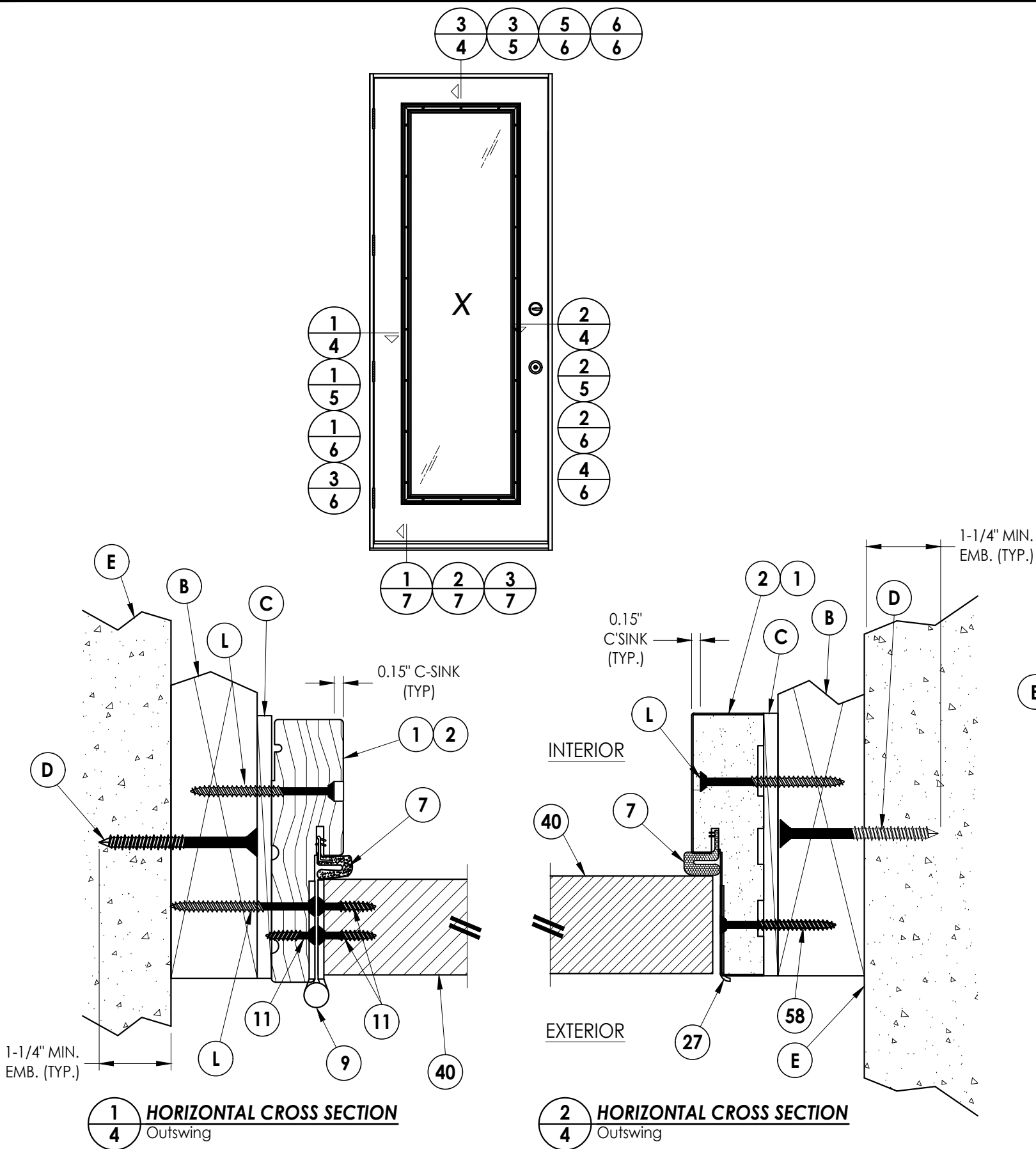


ODL LITE FRAME



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: LITE FRAME DETAILS AND GLAZING DETAILS	
5	8/17/23	UPDATE TO 8TH ED. (2023)	FBC
4	6/22/22	ADD ADA THRESHOLD	LFS
3	7/27/20	UPDATE TO 7TH ED (2020)	FBC
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC
1	3/9/15	UPDATE TO 5TH ED. (2014)	FBC
NO.	DATE		BY
REVISIONS			
DATE: 6/18/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15210.7			
SHEET 3 OF 10			

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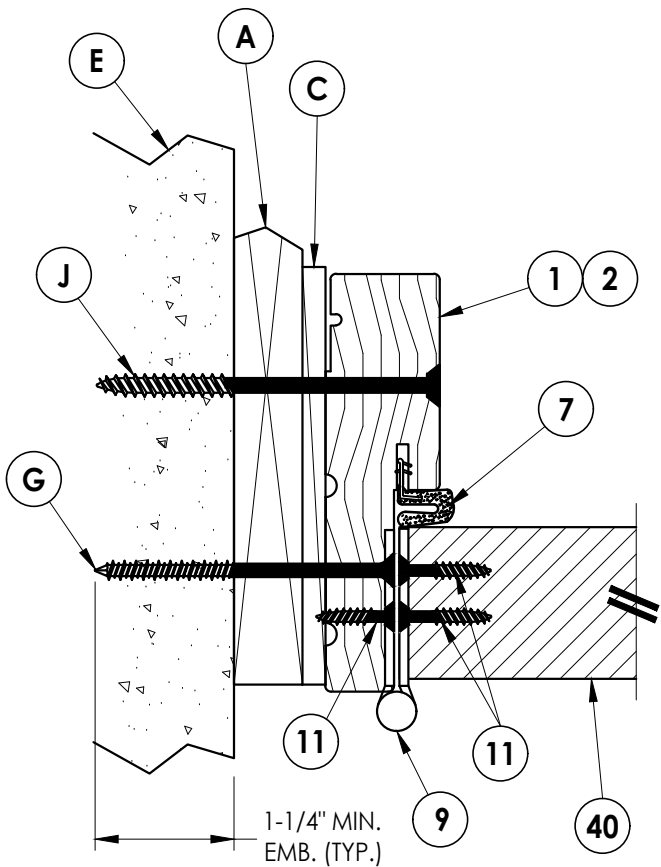


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4	6/22/22	ADD ADA THRESHOLD	LFS
3	7/27/20	UPDATE TO 7TH ED (2020) FBC	LFS
2	7/24/17	UPDATE TO 6TH ED. (2017) FBC	JK
1	3/9/15	UPDATE TO 5TH ED. (2014) FBC	JK

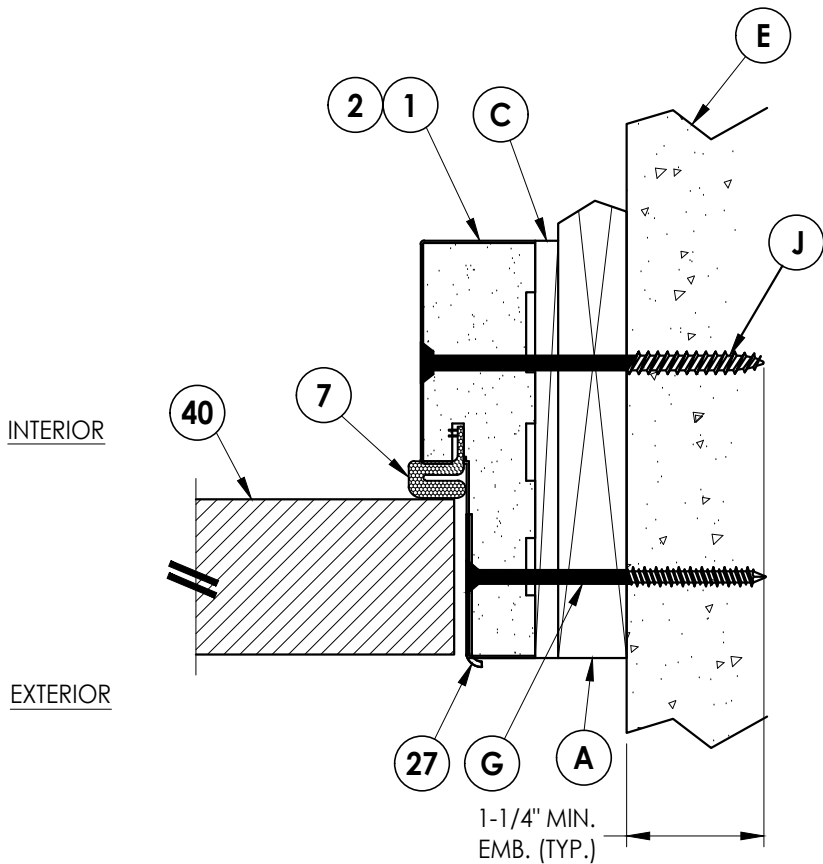
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SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15210.7
SHEET	4 OF 10

PRODUCT:	PLASTPRO INC FIBERGLASS DOOR
PART OR ASSEMBLY:	HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK)

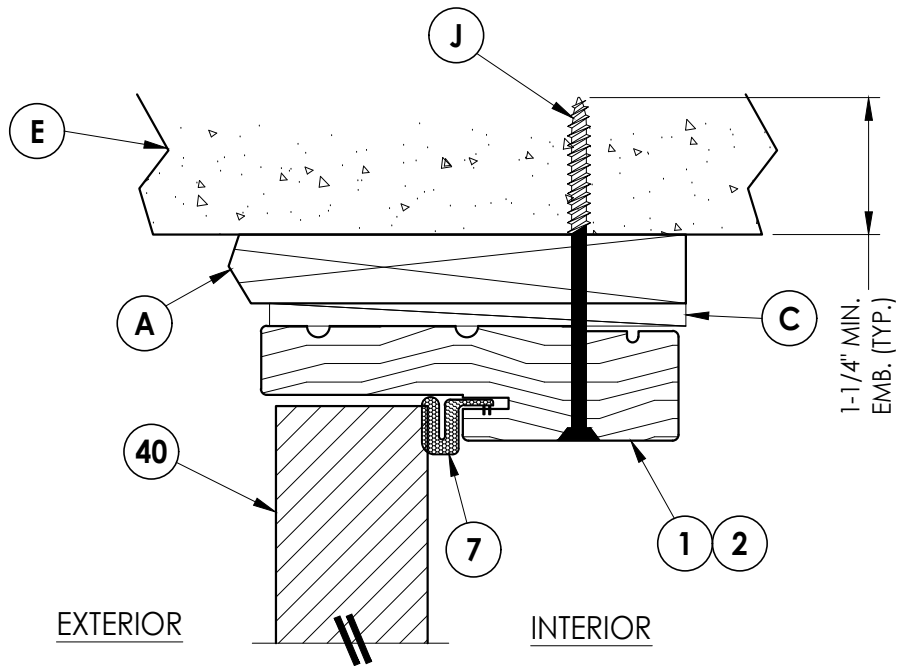
Documents Prepared By:	Lyndon F. Schmidt P.E. No. 43409
	<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813



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



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



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

NO.	DATE	REVISIONS			
		NO.	DATE	BY	
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	

DATE: 6/18/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15210.7

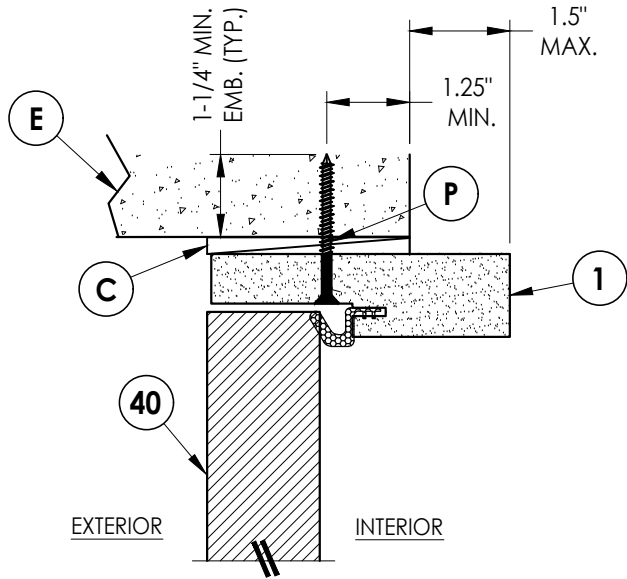
SHEET 5 OF 10

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

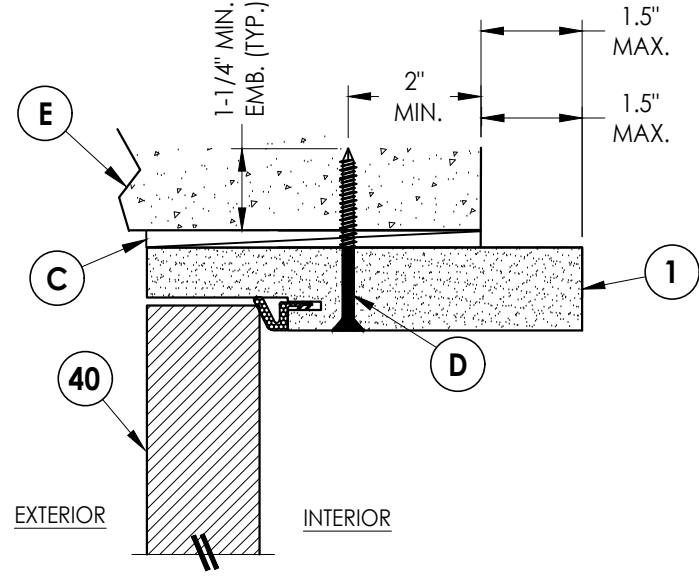
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

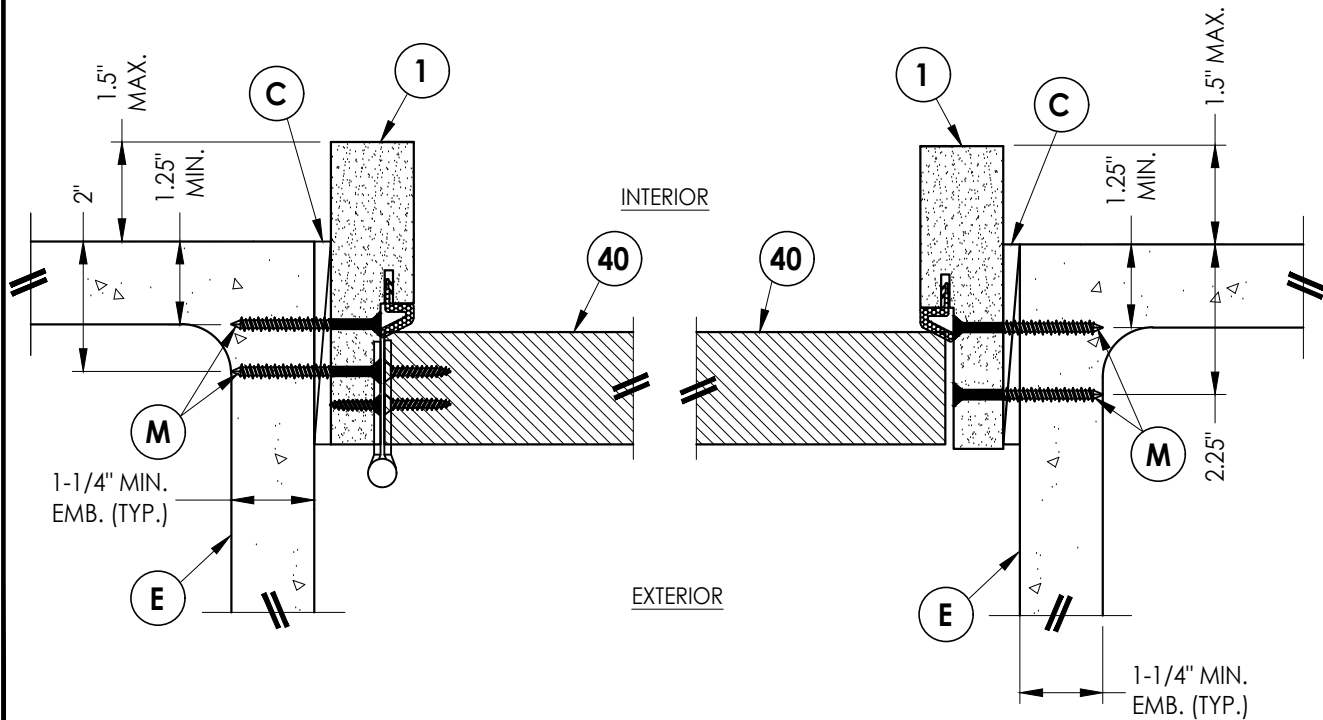
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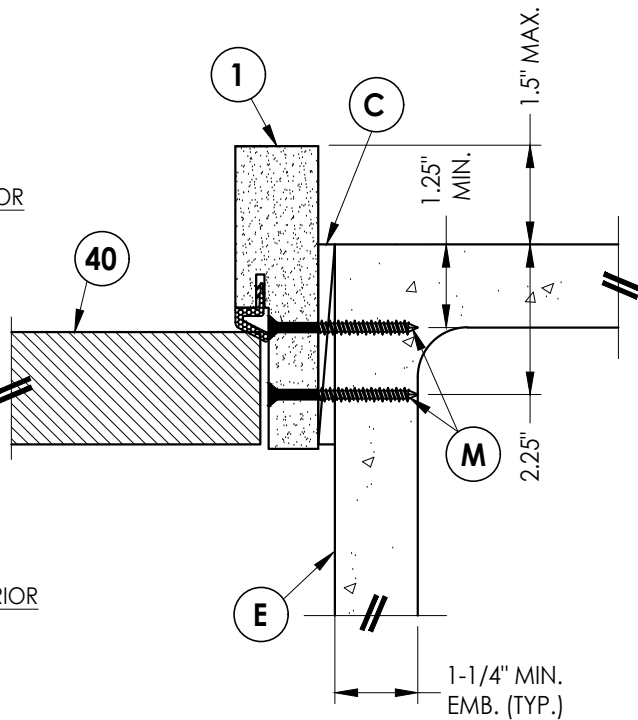
5 VERTICAL CROSS SECTION
6 Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb



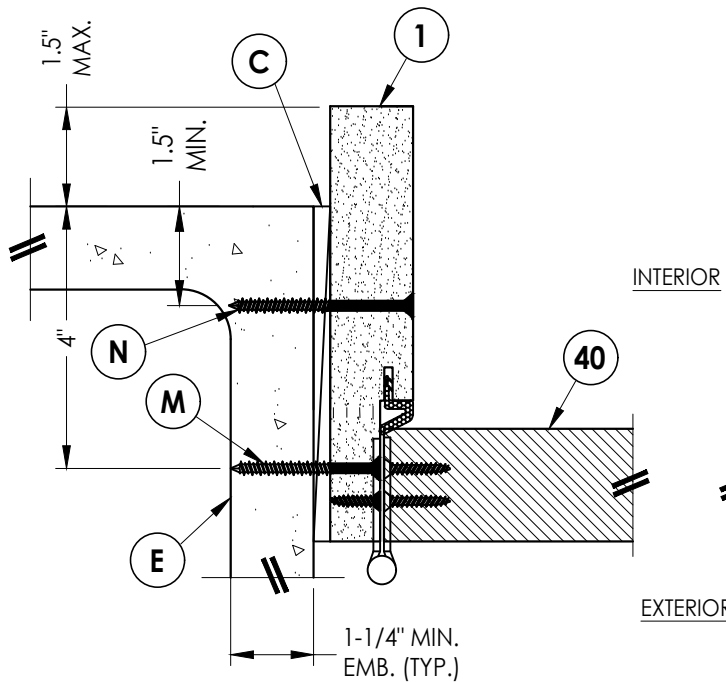
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6 Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



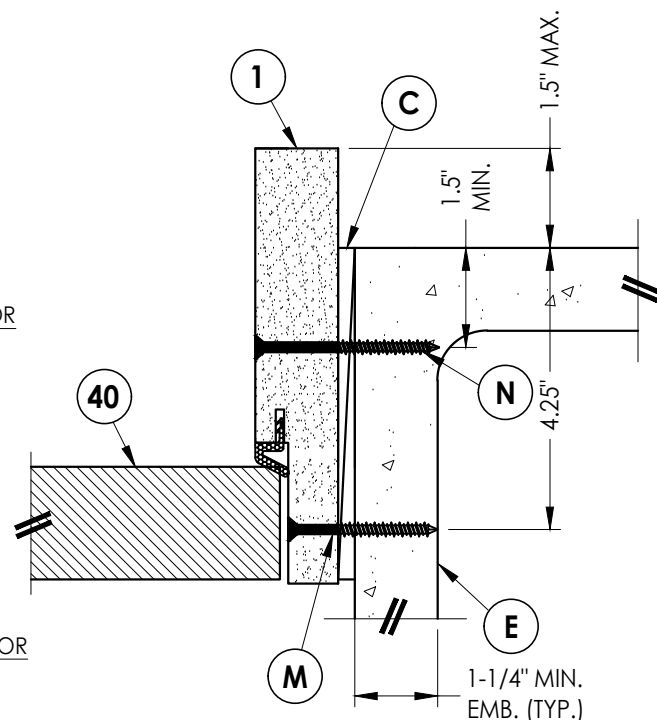
1 HORIZONTAL CROSS SECTION
6 Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb



2 HORIZONTAL CROSS SECTION
6 Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb



3 HORIZONTAL CROSS SECTION
6 Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



4 HORIZONTAL CROSS SECTION
6 Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

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

PRODUCT:
PLASTPRO INC
FIBERGLASS DOOR

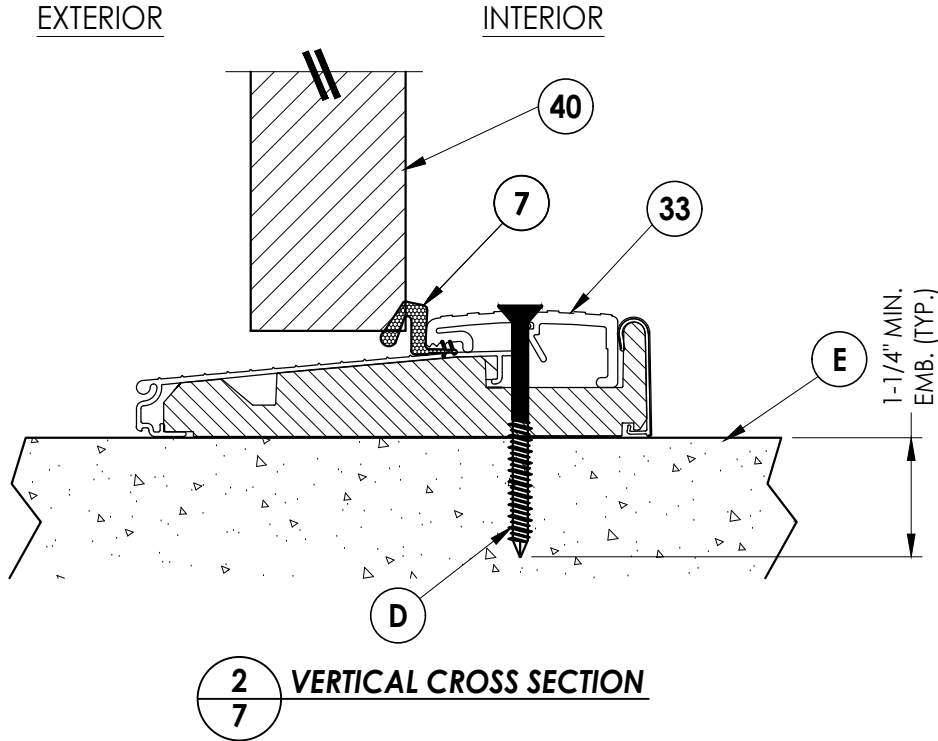
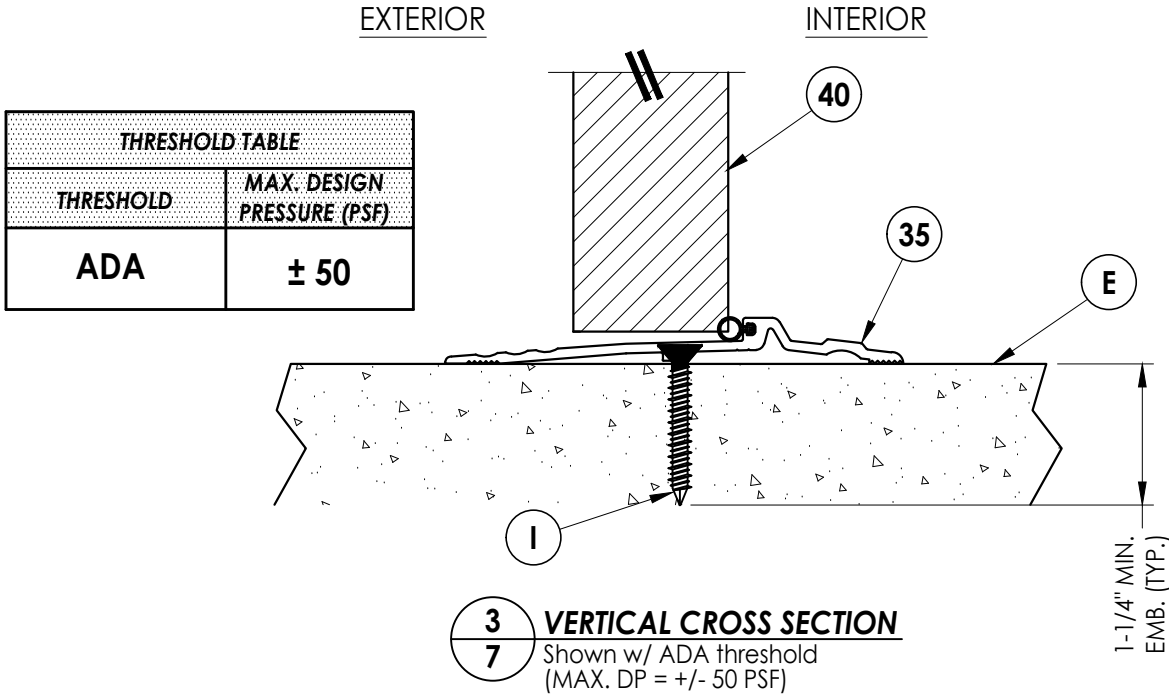
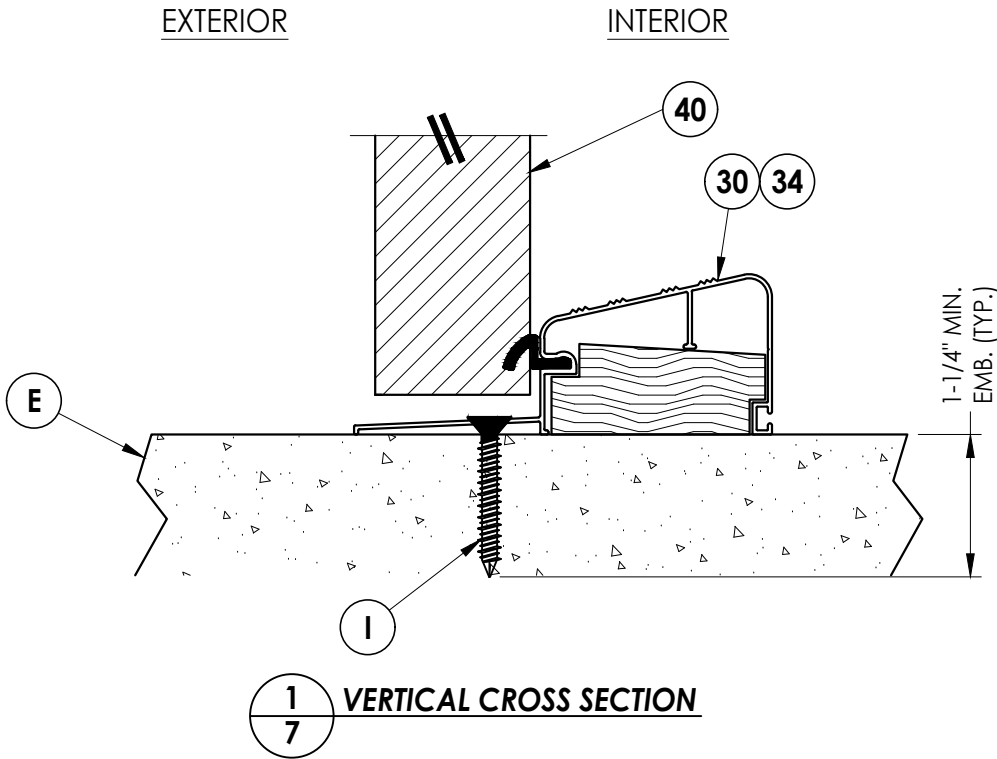
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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

NO.	DATE	REVISIONS
5	8/17/23	UPDATE TO 8TH ED. (2023) FBC
4	6/22/22	ADD ADA THRESHOLD
3	7/27/20	UPDATE TO 7TH ED (2020) FBC
2	7/24/17	UPDATE TO 6TH ED. (2017) FBC
1	3/9/15	UPDATE TO 5TH ED. (2014) FBC
NO.	DATE	BY

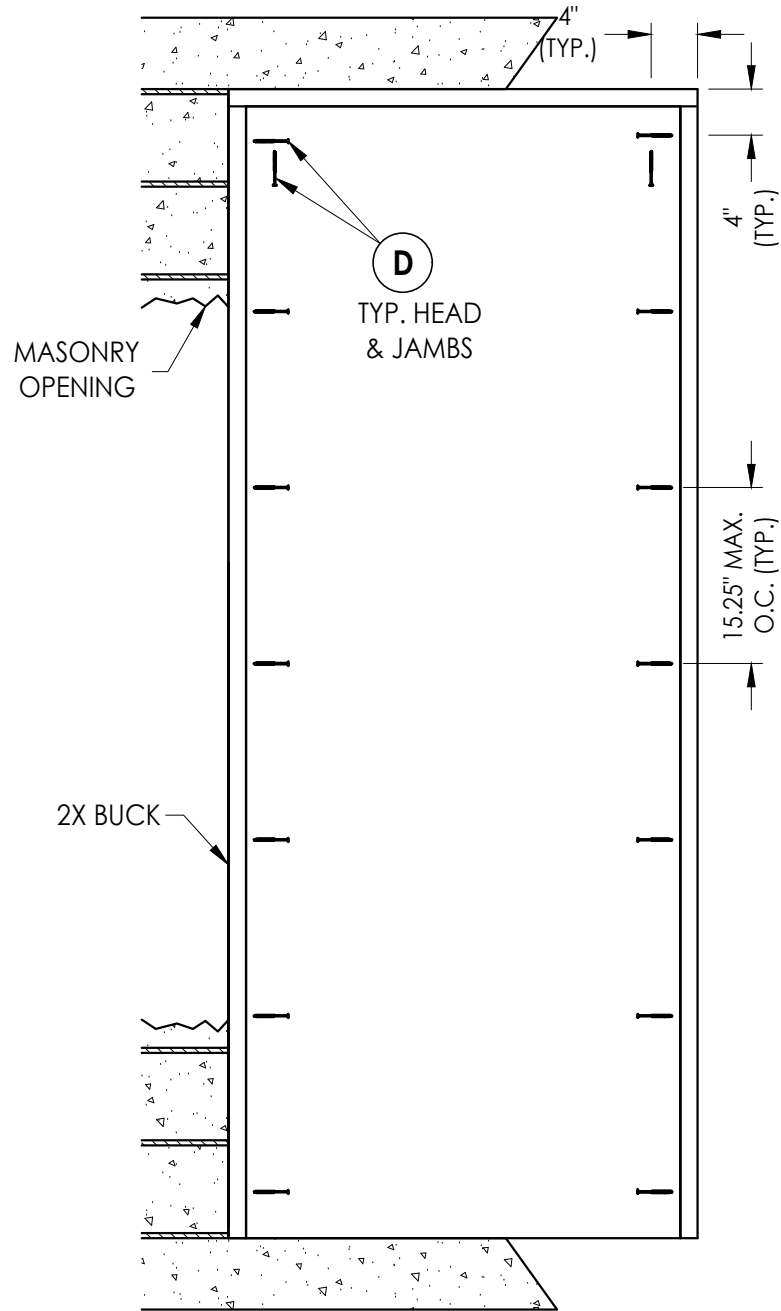
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SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15210.7
SHEET 6 OF 10

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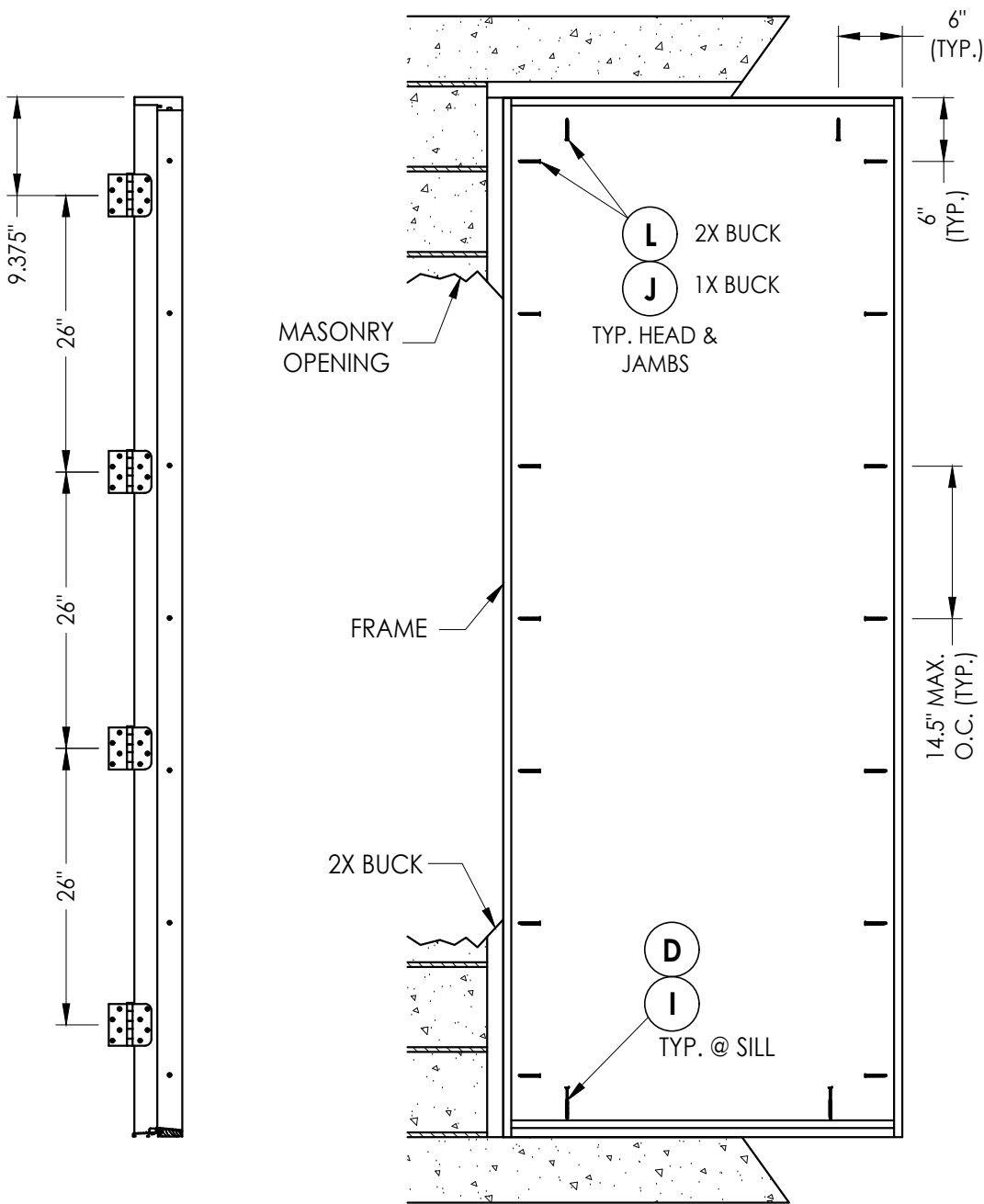


PRODUCT:		PLASTPRO INC FIBERGLASS DOOR		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	
PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS (THRESHOLDS)		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
5	8/17/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
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	
REVISIONS					
DATE: 6/18/12					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-15210.7					
SHEET 7 OF 10					

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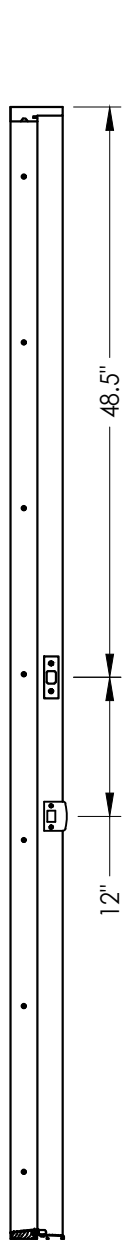


BUCK ANCHORING



HINGE JAMB

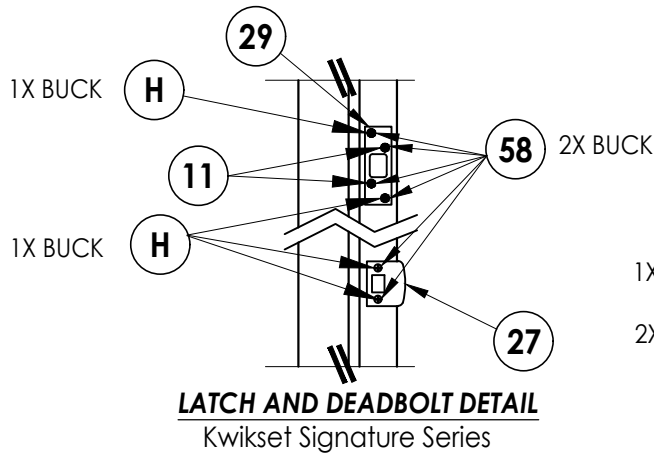
FRAME ANCHORING



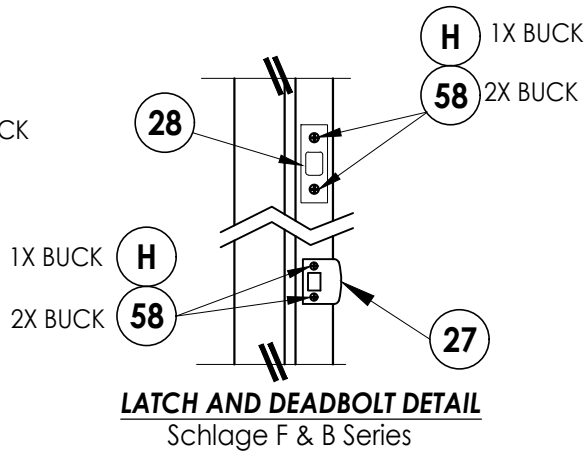
STRIKE JAMB

- 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:

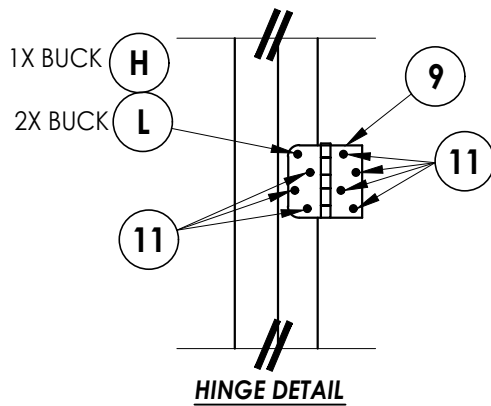
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON	3/16"	1-1/4"	3"	1-1/2"



LATCH AND DEADBOLT DETAIL
Kwikset Signature Series



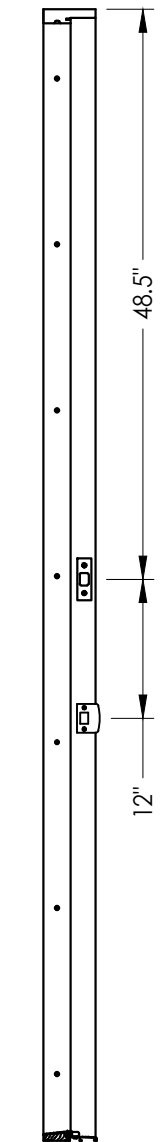
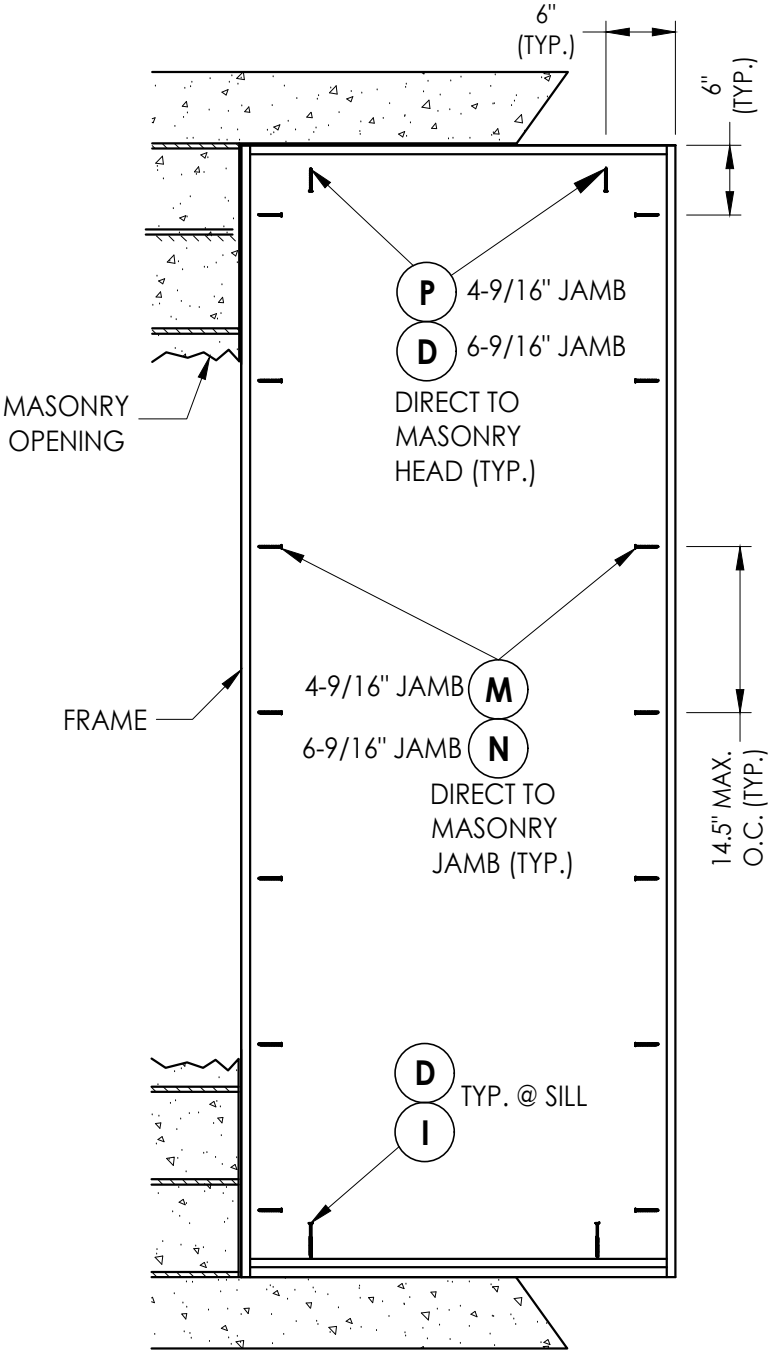
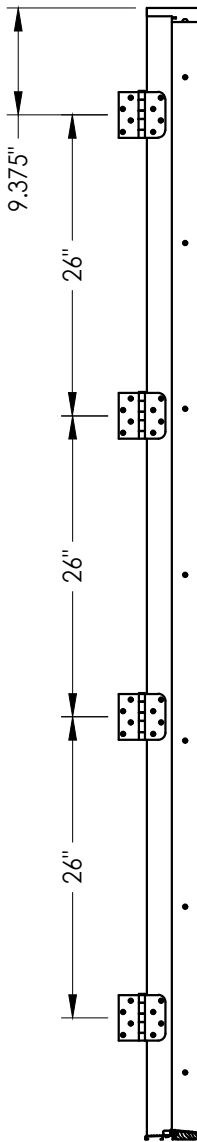
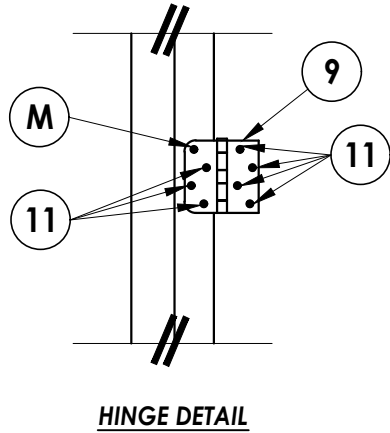
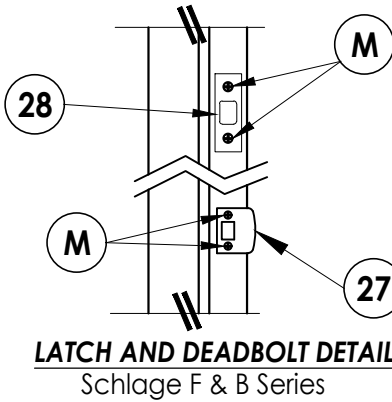
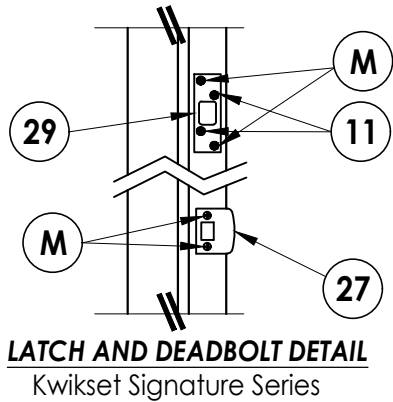
LATCH AND DEADBOLT DETAIL
Schlage F & B Series



HINGE DETAIL

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		PRODUCT: PLASTPRO INC FIBERGLASS DOOR		PART OR ASSEMBLY: BUCK AND FRAME ANCHORING		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
5	8/17/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	BY	REVISIONS	
4	6/22/22	ADD ADA THRESHOLD	FBC	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			
DATE: 6/18/12		SCALE: N.T.S.		DWG. BY: JK		DRAWING NO.: FL-15210.7	
SHEET 8		OF 10					

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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"
ITW TAPCON®	3/16"	1-1/4"	AS SHOWN	1-1/2"

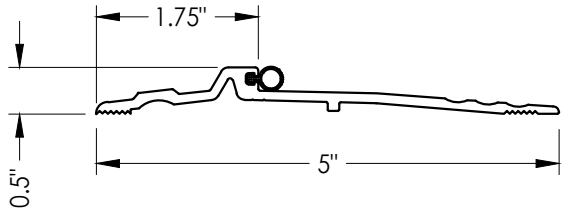
WOOD SCREW INSTALLATION NOTES:

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

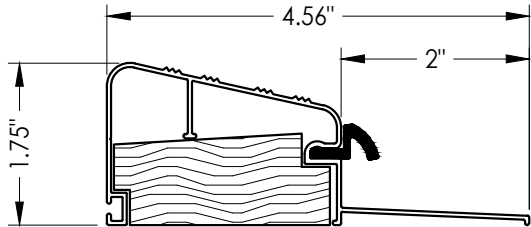
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: PLASTPRO INC FIBERGLASS DOOR				PART OR ASSEMBLY: FRAME ANCHORING			
5	8/17/23	UPDATE TO 8TH ED. (2023)	FBC				
4	6/22/22	ADD ADA THRESHOLD					
3	7/27/20	UPDATE TO 7TH ED (2020)	FBC				
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC				
1	3/9/15	UPDATE TO 5TH ED. (2014)	FBC				
NO.	DATE						
				REVISIONS			
DATE: 6/18/12							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-15210.7							
SHEET 9 OF 10							

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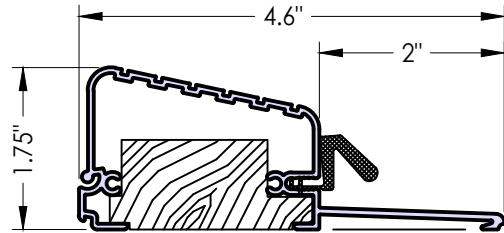
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
H	3/16" x 3-1/4" PFH ITW CONCRETE SCREW	STEEL
I	1/4" X 1-3/4" PFH DeWALT OR 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	COMP. / VINYL
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
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
29	DEADBOLT STRIKE PLATE (SECURITY)	STEEL
30	OUTSWING THRESHOLD	ALUM/WOOD
33	OUTSWING THRESHOLD	ALUM/WOOD
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



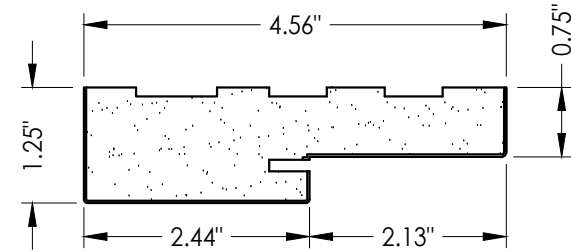
35 ADA THRESHOLD
NGP 896V



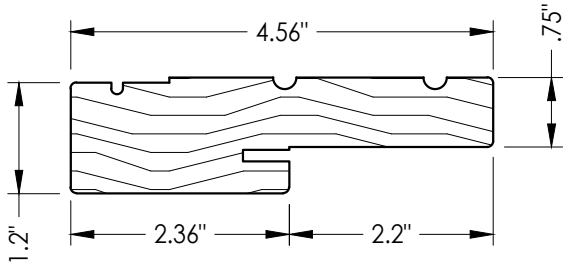
30 OUTSWING THRESHOLD
DLP (QOSR)



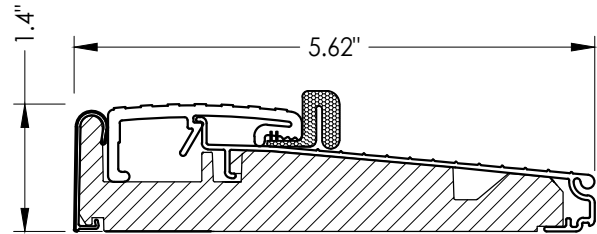
34 OUTSWING THRESHOLD
Columbia High Dam (581)



1 POLY FIBER JAMB
Plastpro



2 WOOD JAMB



33 OUTSWING THRESHOLD
Endura (Z-Series)

NO.	DATE	REVISIONS			
		JK	LFS	LFS	LFS
5	8/17/23	UPDATE TO 8TH ED. (2023)	FBC		
4	6/22/22	ADD ADA THRESHOLD			
3	7/27/20	UPDATE TO 7TH ED (2020)	FBC		
2	7/24/17	UPDATE TO 6TH ED. (2017)	FBC		
1	3/9/15	UPDATE TO 5TH ED. (2014)	FBC		

DATE: 6/18/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15210.7

SHEET 10 OF 10

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

PRODUCT: PLASTPRO INC
FIBERGLASS DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS
AND COMPONENTS

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FBPE Registry No. 9813