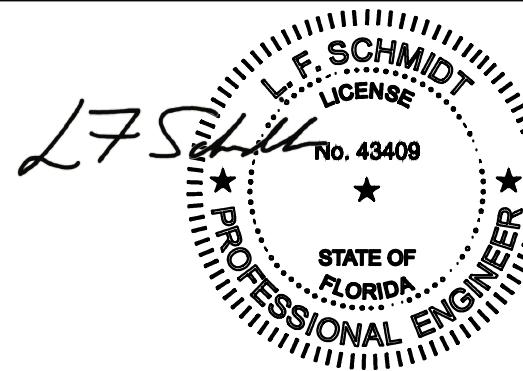


"D" SERIES
COMMERCIAL STEEL DOOR
w/ TRANSOM
INSWING / OUTSWING
"IMPACT"

GENERAL NOTES

- This product has been evaluated and is in compliance with the 9th Edition (2026) 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 Section 1609.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996.
- Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
- The "D" door achieves a Class I stiffness classification per Section 8.2.2 of ANSI A250.13 (based on opaque door).

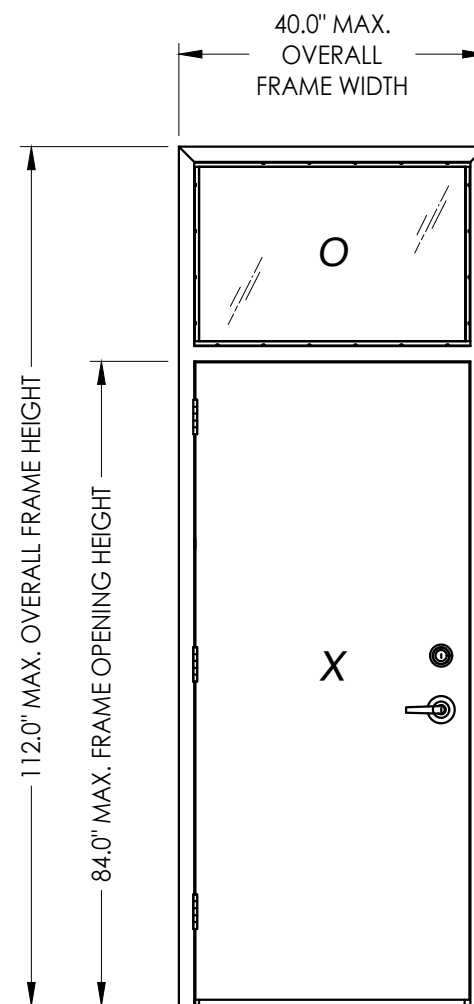
TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevations, design pressures, & general notes
2	Door panel sections 161 lock prep
3	Horizontal cross sections
4	Vertical cross sections
5	Vertical cross sections
6	Anchoring details
7	Glazing detail & components
8	Bill of materials & components



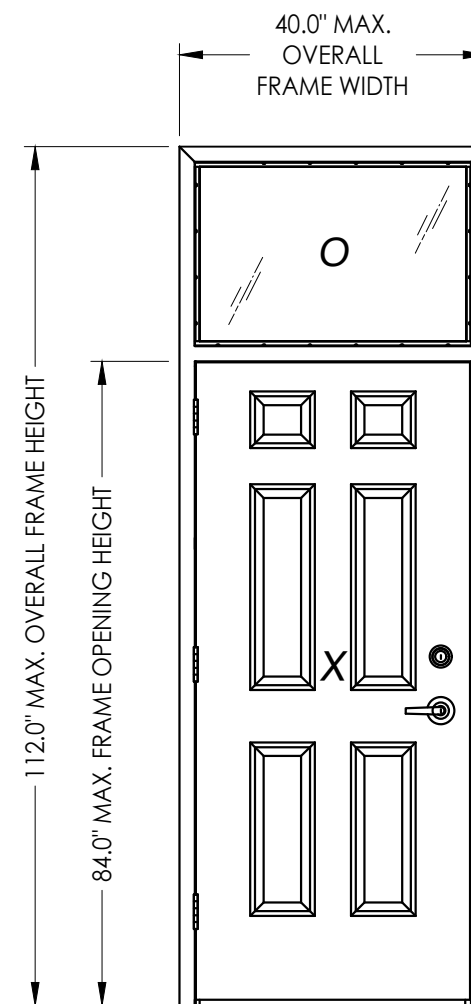
Digitally signed by Lyndon F Schmidt
Date: 2026.07.21 16:58:35 -04'00'

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



(Shown as flush panel)

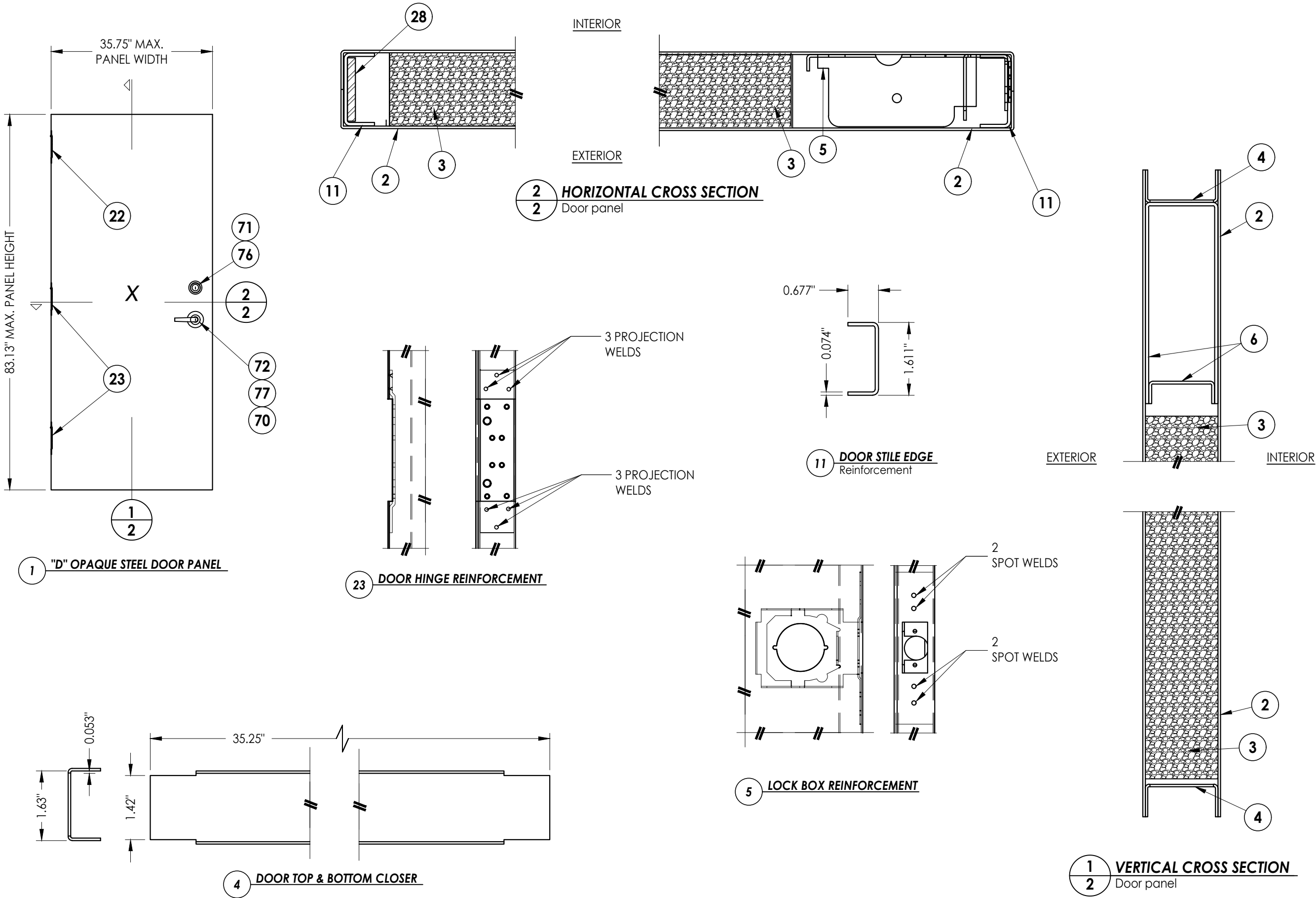


(Shown as embossed panel)

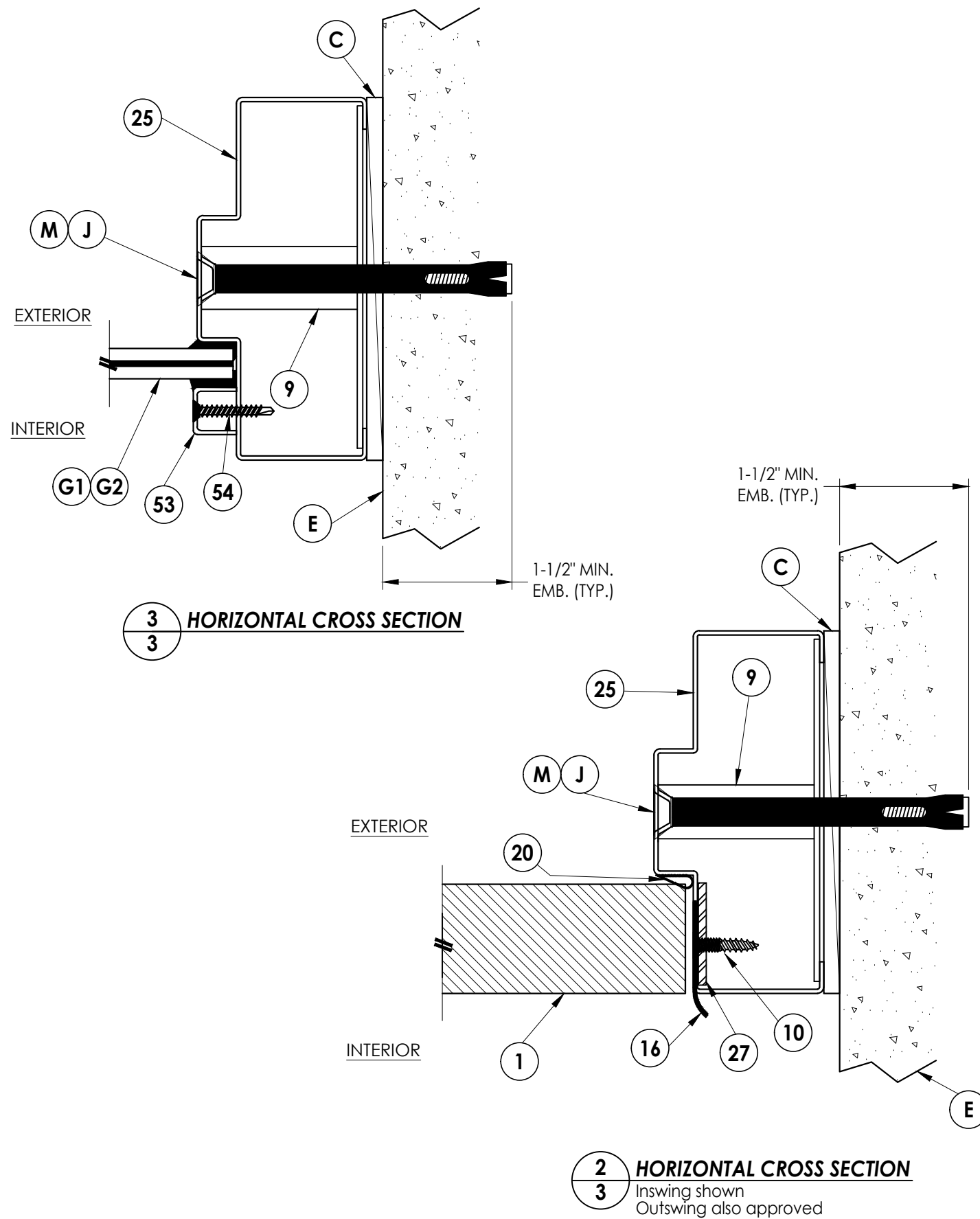
SWING	OVERALL FRAME DIMENSION	OVERALL D.L.O. DIMENSION	LOCK TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
INSWING	40.0" x 112.0"	34.75" x 22.75"	161 LATCH (SCHLAGE)	+55.0	-55.0
	40.0" x 112.0"	34.75" x 22.75"	161 LATCH & DEADBOLT (DESIGN HARDWARE)	+65.0	-70.0
OUTSWING	40.0" x 112.0"	34.75" x 22.75"	161 LATCH (SCHLAGE)	+55.0	-55.0
	40.0" x 112.0"	34.75" x 22.75"	161 LATCH & DEADBOLT (DESIGN HARDWARE)	+65.0	-70.0

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: PREMIER PRODUCTS, INC. "D" STEEL DOOR		PART OR ASSEMBLY: TYPICAL ELEVATIONS, DESIGN PRESSURES & GENERAL NOTES	
		LFS	BY
		FBC	
		FBC	
		REVISIONS	
2	7/02/26	UPDATE TO 9TH ED. (2026)	
1	8/21/23	UPDATE TO 8TH ED. (2023)	
	NO.	DATE	
DATE: 11/10/22			
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-41788.8			
SHEET 1 OF 8			

G:\2023 FBC Drawings 7-20-26\Premier Products, Inc\FL-41788 R3\FL-41788.5-9.dwg



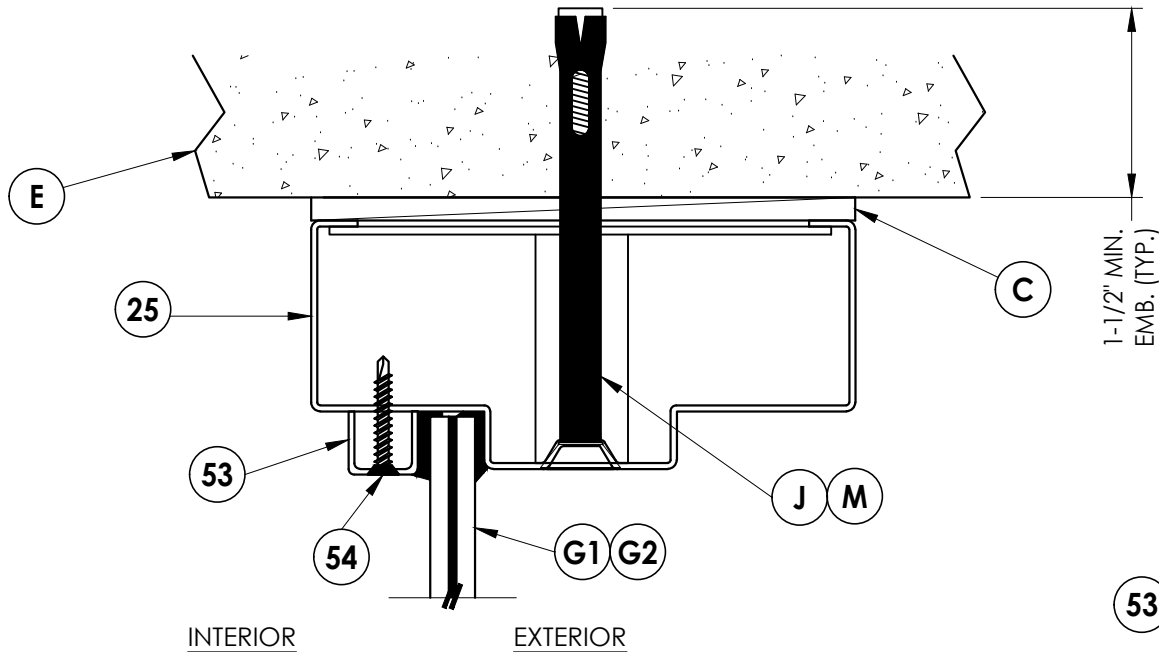
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Vairico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: PREMIER PRODUCTS, INC. "D" STEEL DOOR		PART OR ASSEMBLY: DOOR PANEL SECTIONS 161 LOCK PREP					
				LFS	FBC	DATE	REVISIONS
				2	7/02/26	UPDATE TO 9TH ED. (2026)	
				1	8/21/23	UPDATE TO 8TH ED. (2023)	
				NO.	DATE		
DATE: 11/10/22							
SCALE: N.T.S.							
DWG. BY: LFS							
CHK. BY: RW							
DRAWING NO.: FL-41788.8							
SHEET 2 OF 8							

[illegible]

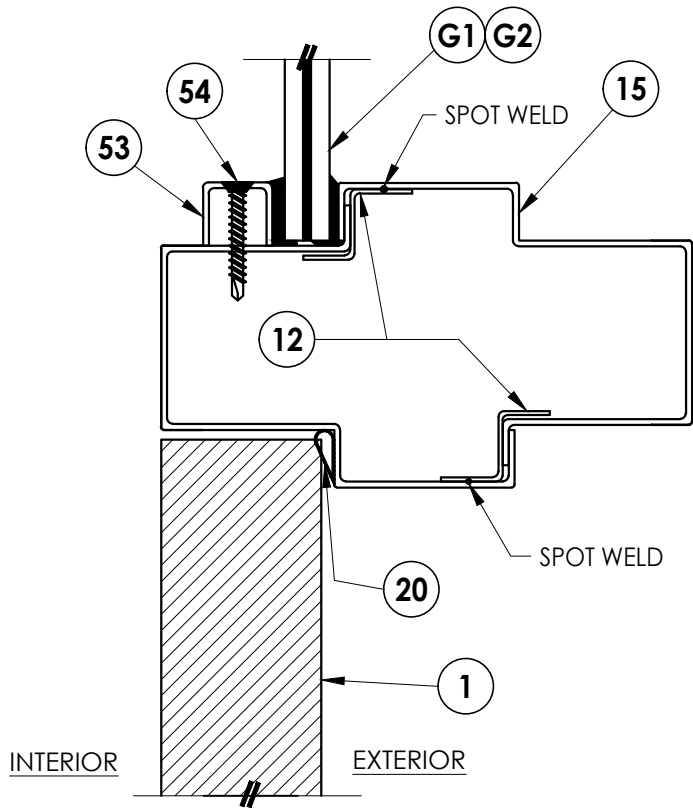
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

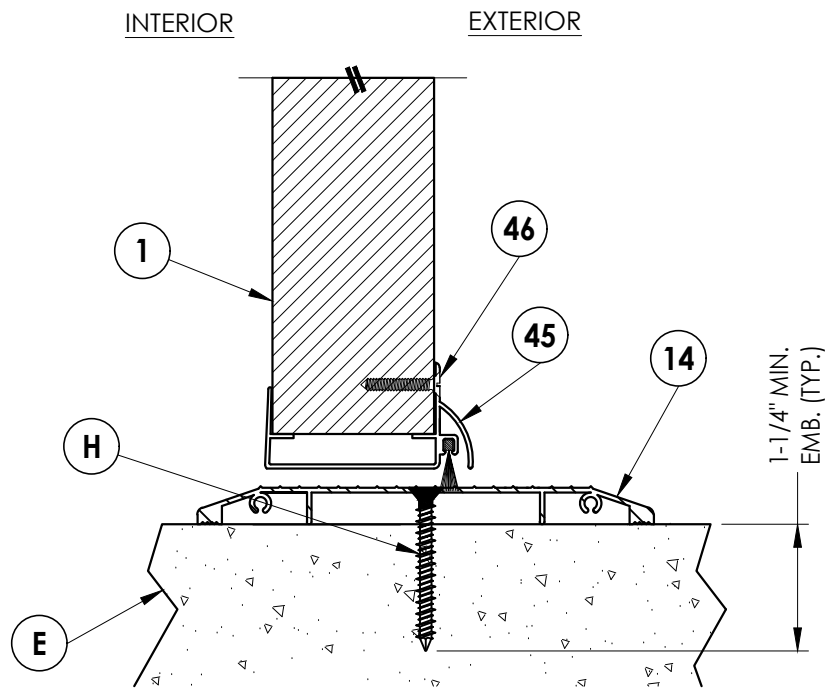
G:\2023 FBC Drawings 7-20-26\Premier Products, Inc\FL-41788 R3\FL-41788.5-9.dwg



1 **VERTICAL CROSS SECTION**
4 Inswing shown
Outswing also approved



2 **VERTICAL CROSS SECTION**
4 Inswing shown
Outswing also approved



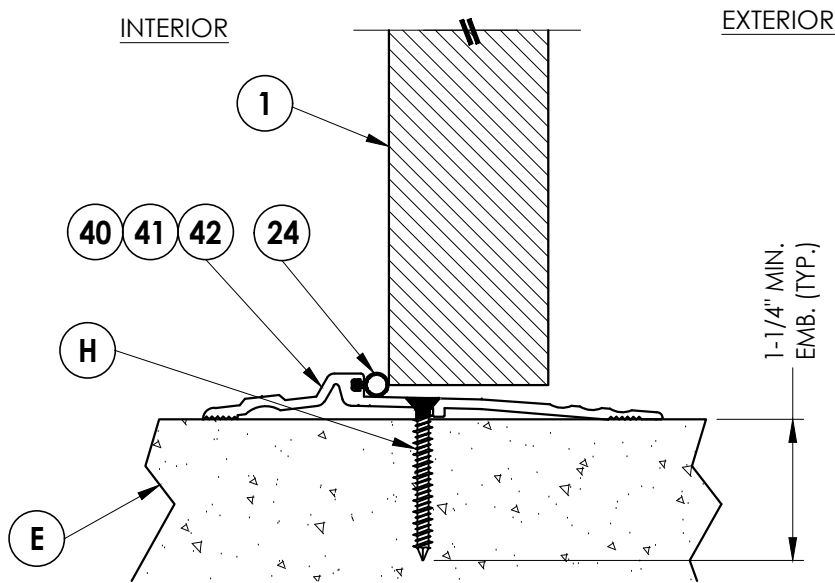
3 **VERTICAL CROSS SECTION**
4 Optional inswing shown

DATE		NO.		DATE		BY	
11/10/22		2		7/02/26		LFS	
N.T.S.		1		8/21/23		LFS	
LFS		2		7/02/26		LFS	
RW		1		8/21/23		LFS	
FL-41788.8		1		8/21/23		LFS	
4		1		8/21/23		LFS	
8		1		8/21/23		LFS	

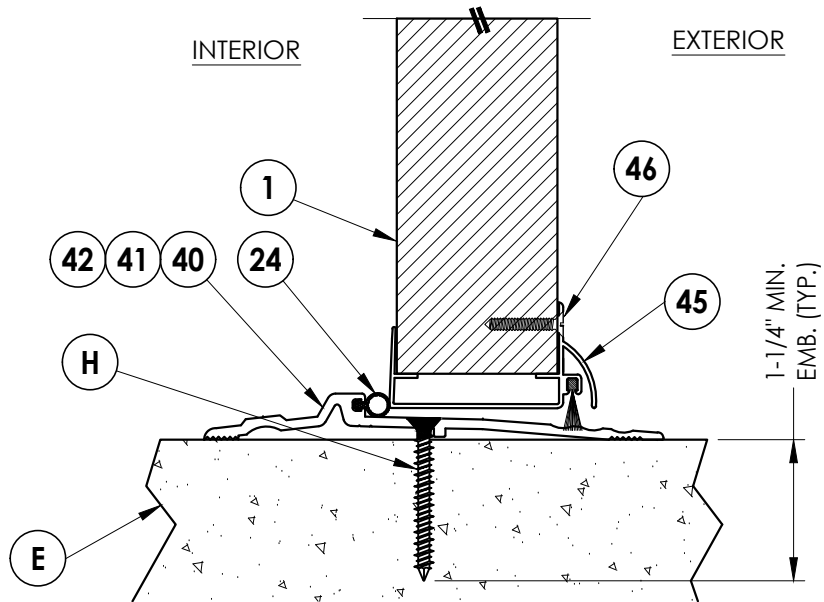
DATE		NO.		DATE		BY	
11/10/22		2		7/02/26		LFS	
N.T.S.		1		8/21/23		LFS	
LFS		2		7/02/26		LFS	
RW		1		8/21/23		LFS	
FL-41788.8		1		8/21/23		LFS	
4		1		8/21/23		LFS	
8		1		8/21/23		LFS	

DATE		NO.		DATE		BY	
11/10/22		2		7/02/26		LFS	
N.T.S.		1		8/21/23		LFS	
LFS		2		7/02/26		LFS	
RW		1		8/21/23		LFS	
FL-41788.8		1		8/21/23		LFS	
4		1		8/21/23		LFS	
8		1		8/21/23		LFS	

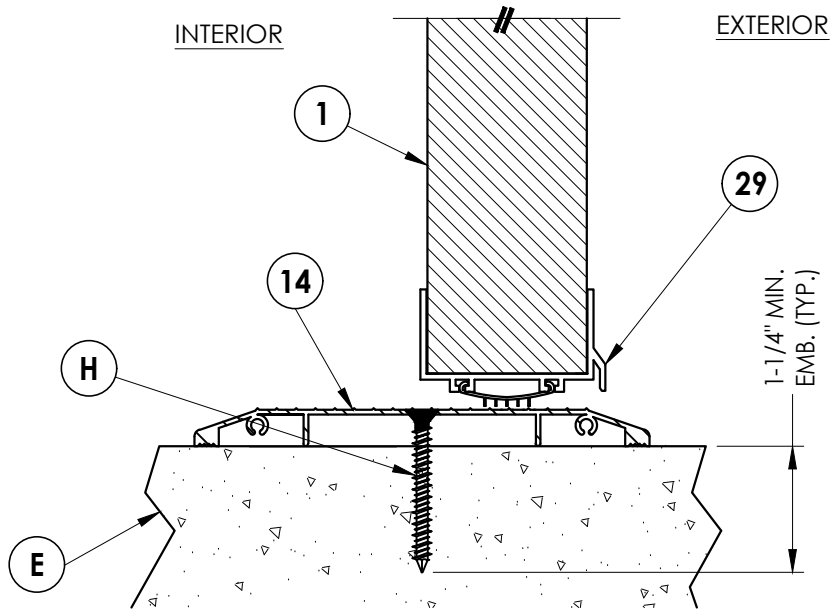
G:\2023 FBC Drawings 7-20-26\Premier Products, Inc\FL-41788 R3\FL-41788.5-9.dwg



1 **VERTICAL CROSS SECTION**
5 Optional outswing shown

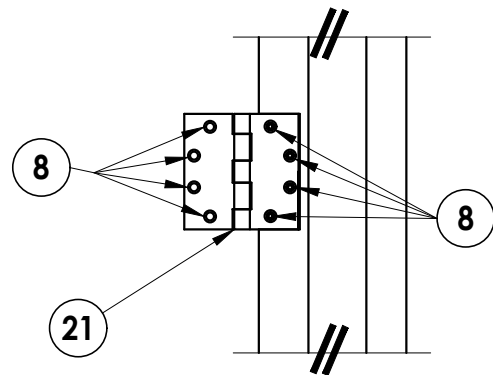


2 **VERTICAL CROSS SECTION**
5 Optional Outswing shown

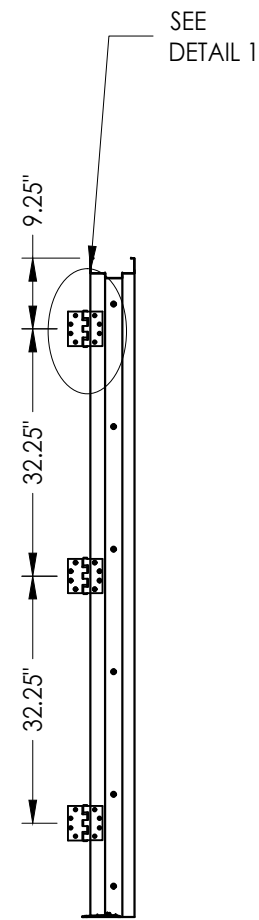


3 **VERTICAL CROSS SECTION**
5 Optional Outswing shown

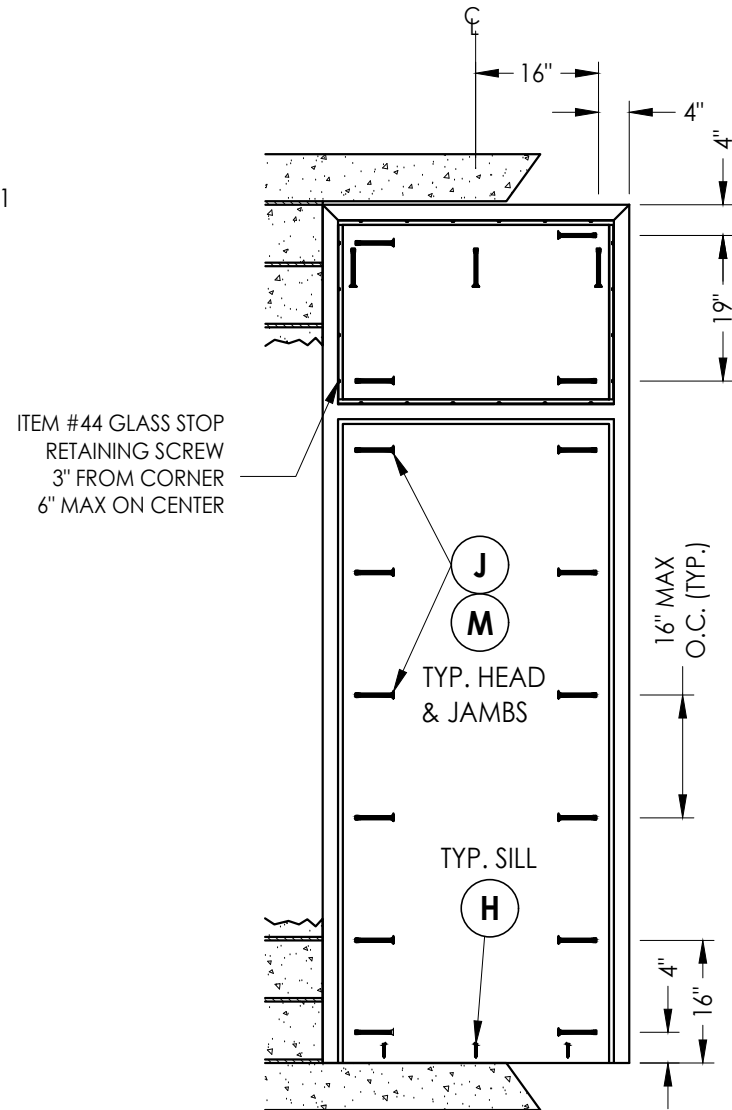
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: PREMIER PRODUCTS, INC. "D" STEEL DOOR		PART OR ASSEMBLY: VERTICAL CROSS SECTIONS					
				2	7/02/26	UPDATE TO 9TH ED. (2026)	FBC LFS
				1	8/21/23	UPDATE TO 8TH ED. (2023)	FBC LFS
				NO.	DATE		BY
				REVISIONS			
DATE: 11/10/22							
SCALE: N.T.S.							
DWG. BY: LFS							
CHK. BY: RW							
DRAWING NO.: FL-41788.8							
SHEET 5 OF 8							



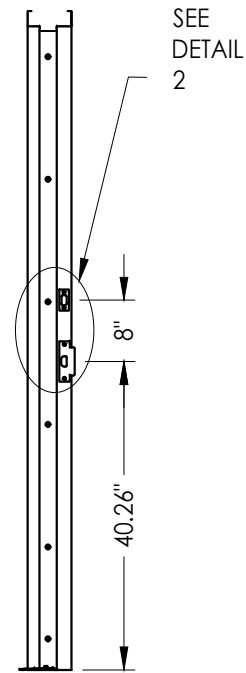
DETAIL 1



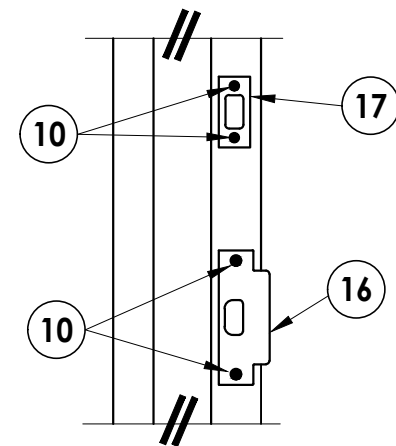
HINGE JAMB



FRAME ANCHORING



STRIKE JAMB



DETAIL 2

ANCHOR NOTES:

1. Substitution of equal concrete screws from a different supplier may have different edge distance and center distance requirements.
2. Concrete screw locations at the corners may be adjusted to maintain the minimum edge distance to mortar joints. If concrete screw locations noted as "MAX. ON CENTER" must be adjusted to maintain the minimum edge distance to mortar joints, additional concrete screws may be required to ensure the maximum on center dimension is not exceeded.
3. Concrete Anchor Table:

ANCHOR TYPE	ANCHOR SIZE	MINIMUM EMBEDMENT	MINIMUM CLEARANCE TO MASONRY EDGE	MINIMUM CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2-1/2"	4"
DYNABOLT SLEEVE ANCHOR	3/8"	1-1/2"	2-1/4"	4-1/2"
POWERS TAPPER	3/8"	1-1/2"	4"	3-3/4"

2	7/02/26	UPDATE TO 9TH ED.	(2026)	FBC LFS
1	8/21/23	UPDATE TO 8TH ED.	(2023)	FBC LFS
NO.	DATE			BY
				REVISIONS

DATE: 11/10/22

SCALE: *N.T.S.*

DWG. BY: *LFS*

CHK. BY: *RW*

DRAWING NO.:

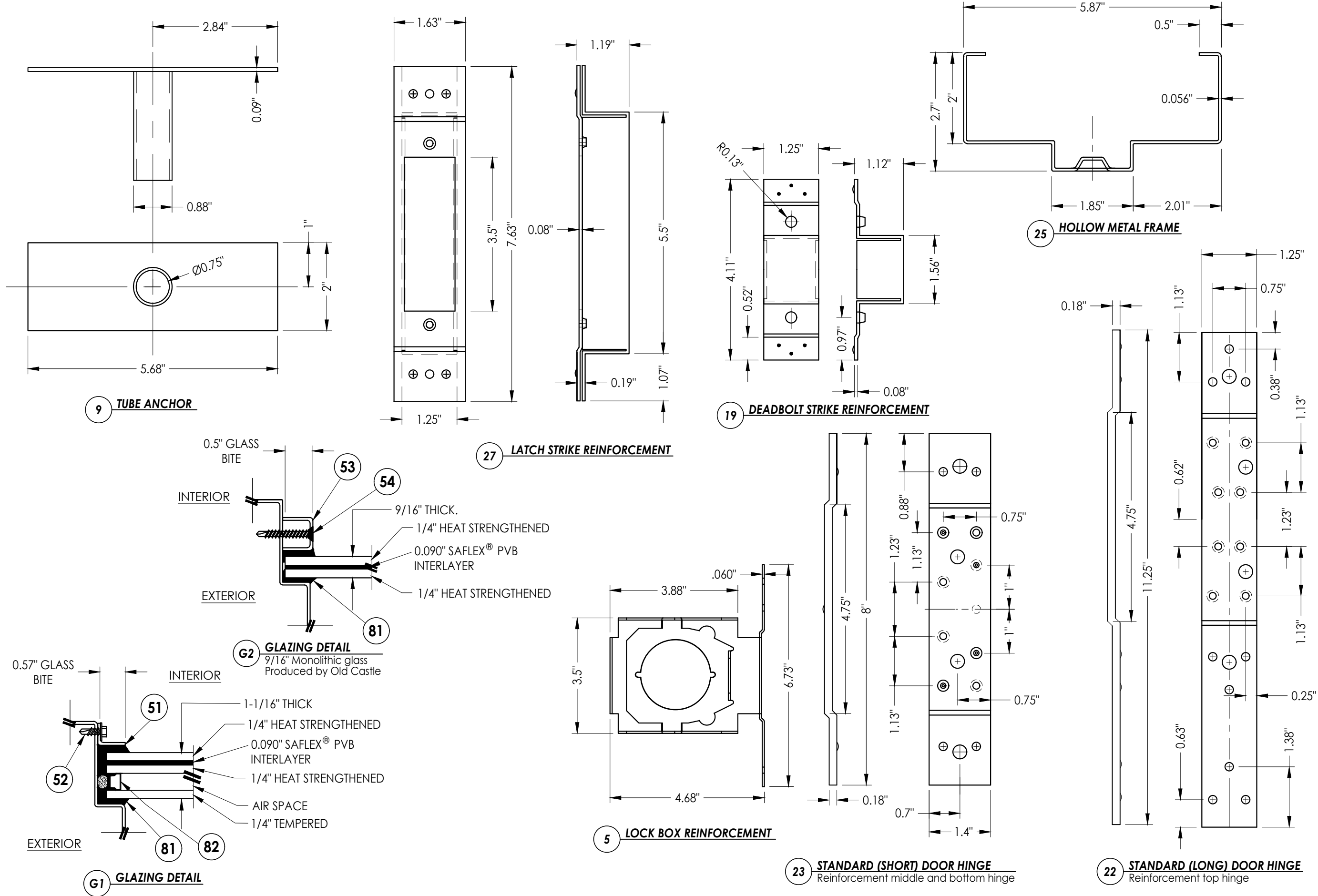
FL-41788.8

SHEET 6 OF 8

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

G:\2023 FBC Drawings 7-20-26\Premier Products, Inc\FL-41788 R3\FL-41788.5-9.dwg



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:
PREMIER PRODUCTS, INC.
"D" STEEL DOOR

PART OR ASSEMBLY:
GLAZING DETAIL &
COMPONENTS

NO.	DATE	REVISIONS		
		BY	DATE	DESCRIPTION
2	7/02/26	LFS	(2026) FBC	UPDATE TO 9TH ED.
1	8/21/23	LFS	(2023) FBC	UPDATE TO 8TH ED.

DATE: 11/10/22

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

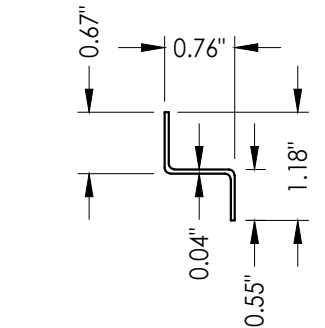
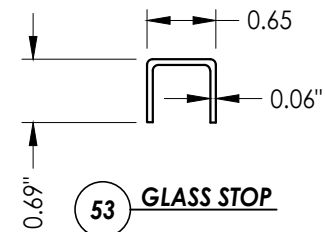
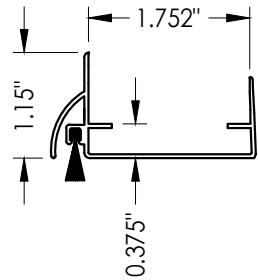
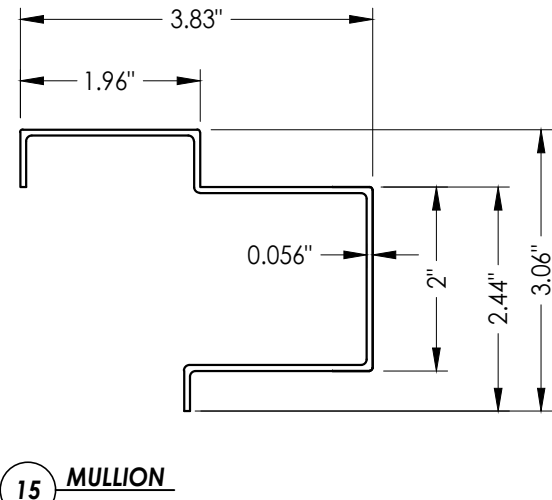
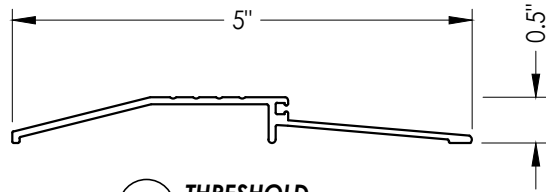
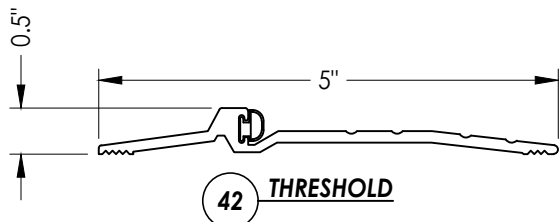
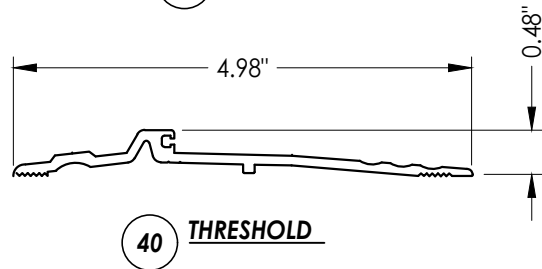
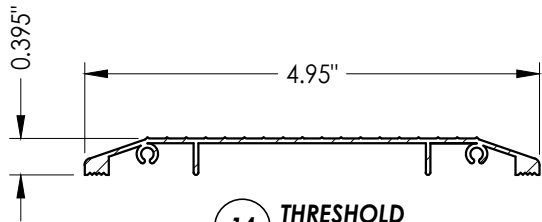
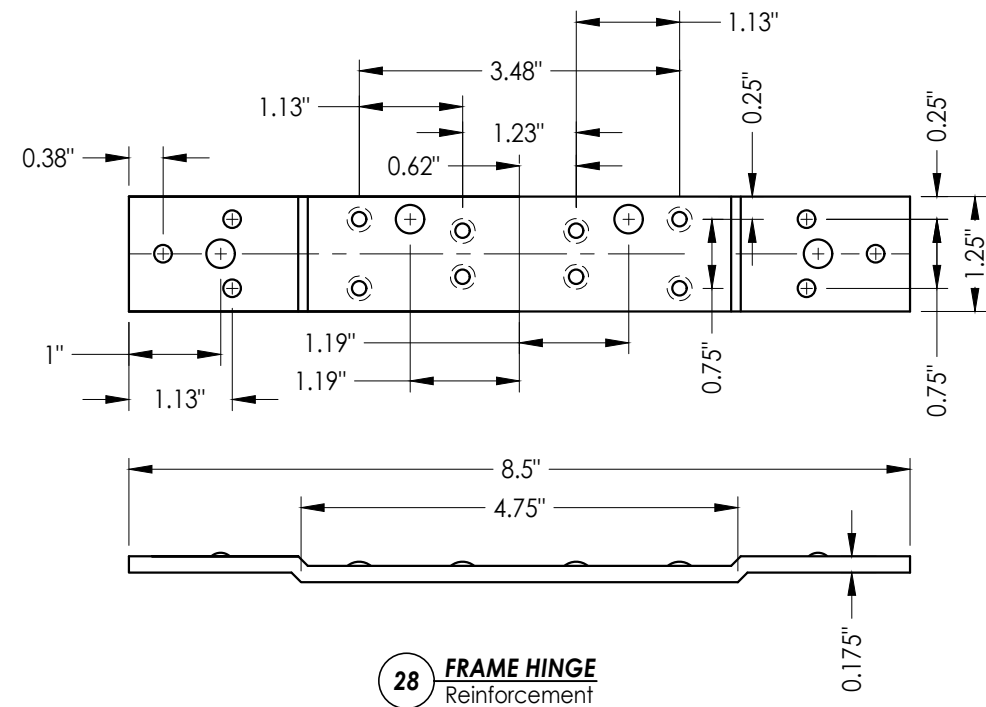
DRAWING NO.:

FL-41788.8

SHEET 7 OF 8

G:\2023 FBC Drawings 7-20-26\Premier Products, Inc\FL-41788 R3\FL-41788.5-9.dwg

BILL OF MATERIALS					
ITEM	DESCRIPTION	MATERIAL	ITEM	DESCRIPTION	MATERIAL
C	MAX. 1/4" SHIM SPACE	-	21	4-1/2" X 4-1/2" X 0.125" TEMPLATE HINGE	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE	22	STANDARD (LONG) DOOR HINGE TOP HINGE REINFORCEMENT	STEEL
H	1/4" x 1-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL	23	STANDARD (SHORT) DOOR HINGE MIDDLE BOTTOM REINFORCEMENT	STEEL
J	3/8" X 5" PFH ITW DYNABOLT SLEEVE ANCHOR	STEEL	24	WEATHER STRIP (THRESHOLD)	NEOPRENE
M	3/8" X 5" TAPPER CONCRETE SCREW BY POWERS FASTENERS	STEEL	25	FRAME 5-3/4" X 2" MIN. (0.056" THK)	STEEL
1	"D" OPAQUE STEEL DOOR PANEL	-	27	LATCH STRIKE REINFORCEMENT	STEEL
2	DOOR SKIN (0.055" THK. STEEL, Fy = 40,317 PSI MIN.)	STEEL	28	FRAME HINGE REINFORCEMENT	STEEL
3	FOAM 1.0 PCF MIN. DENSITY	POLYSTYRENE	29	COLUMBIA DOOR BOTTOM SWEEP #2580	ALUMINUM
4	DOOR TOP & BOTTOM CLOSER	STEEL	40	THRESHOLD NATIONAL GUARD PRODUCTS, INC. #896	ALUMINUM
5	LOCK BOX REINFORCEMENT	STEEL	41	THRESHOLD NATIONAL GUARD PRODUCTS, INC. #950	ALUMINUM
6	CLOSER REINFORCEMENT	STEEL	42	THRESHOLD PEMKO #2005 V	ALUMINUM
8	#12-24 x 1/2" SELF TAPPER	STEEL	45	95WHA DOOR SWEEP NATIONAL GUARD PRODUCTS, INC.	ALUMINUM
9	TUBE ANCHOR	STEEL	46	#6 X 3/4" PHILLIPS HEAD SMS	STEEL
10	#12-24 x 1.0" COMBINATION MACHINE / WOOD SCREW	STEEL	51	L-CHANNEL FIXED GLASS STOP	STEEL
11	DOOR STILE EDGE REINFORCEMENT	STEEL	52	#8 X 0.5" HH SELF DRILLING SCREW	STEEL
12	MULLION Z BRACKET	STEEL	53	U-CHANNEL GLASS STOP	STEEL
14	COLUMBIA ADA THRESHOLD #6510	ALUMINUM	54	#8 X 1.25" PFH SMS	STEEL
15	MULLION MIN. (0.056" THK)	STEEL	70	SCHLAGE LOCK SET ASSEMBLY ND53PD	STEEL
16	ANSI LATCH STRIKE	STEEL	71	DESIGN HARDWARE D1-S SERIES DEADBOLT	STEEL
17	DEADBOLT STRIKE	STEEL	72	DESIGN HARDWARE "Z" SERIES ENTRY	STEEL
19	DEADBOLT STRIKE REINFORCEMENT	STEEL	76	DESIGN HARDWARE D2-S SERIES DEADBOLT	STEEL
20	WEATHER-STRIP	NEOPRENE	77	DESIGN HARDWARE "X" SERIES ENTRY	STEEL
			81	DOW 995 STRUCTURAL SILICONE	SILICONE
			82	GLASS SPACER	ALUM



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:
PREMIER PRODUCTS, INC.
"D" STEEL DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

NO.	DATE	REVISIONS
2	7/02/26	UPDATE TO 9TH ED. (2026) FBC
1	8/21/23	UPDATE TO 8TH ED. (2023) FBC
NO.	DATE	BY

DATE: 11/10/22
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-41788.8
SHEET 8 OF 8