

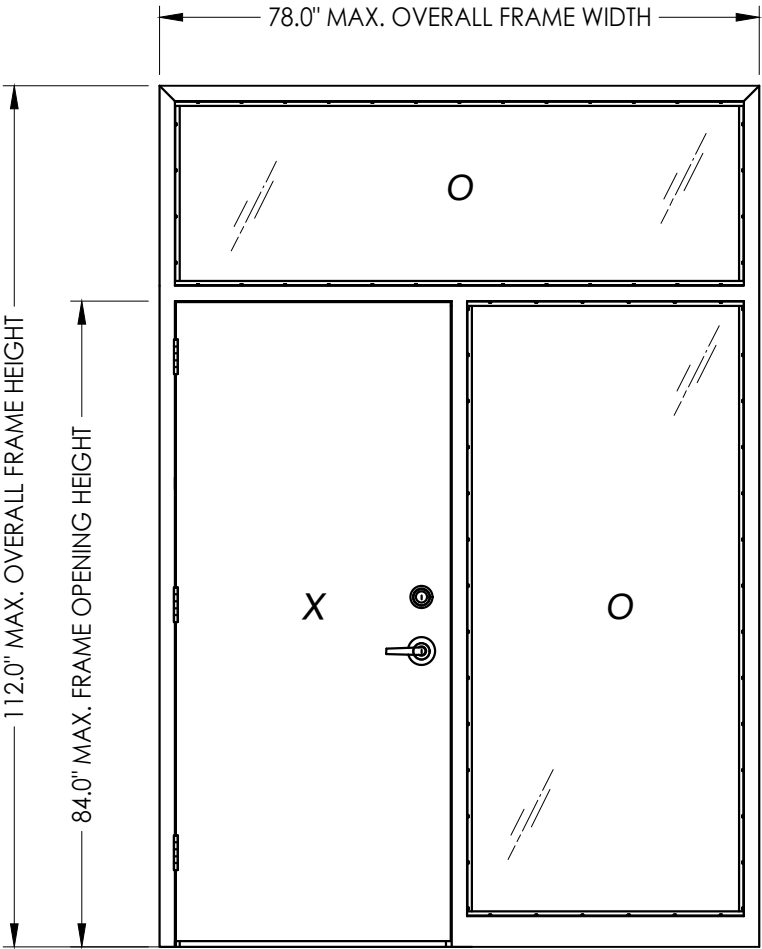


"D" SERIES
COMMERCIAL STEEL DOOR
w/ SIDELITE & TRANSOM
INSWING / OUTSWING
"NON-IMPACT"

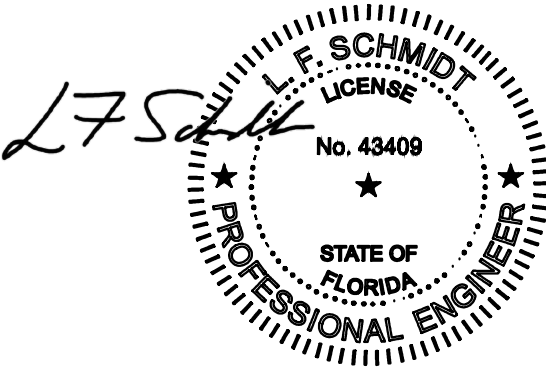
GENERAL NOTES

1. 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).
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 areas requiring wind borne debris protection this product is required to be protected with an impact resistant covering that complies with FBC Section 1609.1.2.
4. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
5. 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	Vertical cross sections
7	Anchoring details
8	Glazing detail & components
9	Bill of materials & components



SWING	OVERALL FRAME DIMENSION	OVERALL D.L.O. DIMENSION	LOCK TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
INSWING	78.0" x 112.0"	34.75" x 78.75"	161 LATCH (SCHLAGE)	+55.0	-55.0
	78.0" x 112.0"	34.75" x 78.75"	161 LATCH & DEADBOLT (DESIGN HARDWARE)	+65.0	-70.0
OUTSWING	78.0" x 112.0"	34.75" x 78.75"	161 LATCH (SCHLAGE)	+55.0	-55.0
	78.0" x 112.0"	34.75" x 78.75"	161 LATCH & DEADBOLT (DESIGN HARDWARE)	+65.0	-70.0



Digitally signed by
Lyndon F Schmidt
Date: 2026.07.05
11:20:22 -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

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

PREMIER PRODUCTS, INC.
"D" STEEL DOOR

7/02/26
8/21/23

DATE
NO.

REVISIONS

DATE: 11/10/22

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-41788.7

SHEET 1 OF 9

2
1

7/02/26
8/21/23

UPDATE TO 9TH ED.
UPDATE TO 8TH ED.

FBC
FBC

LFS
LFS

BY

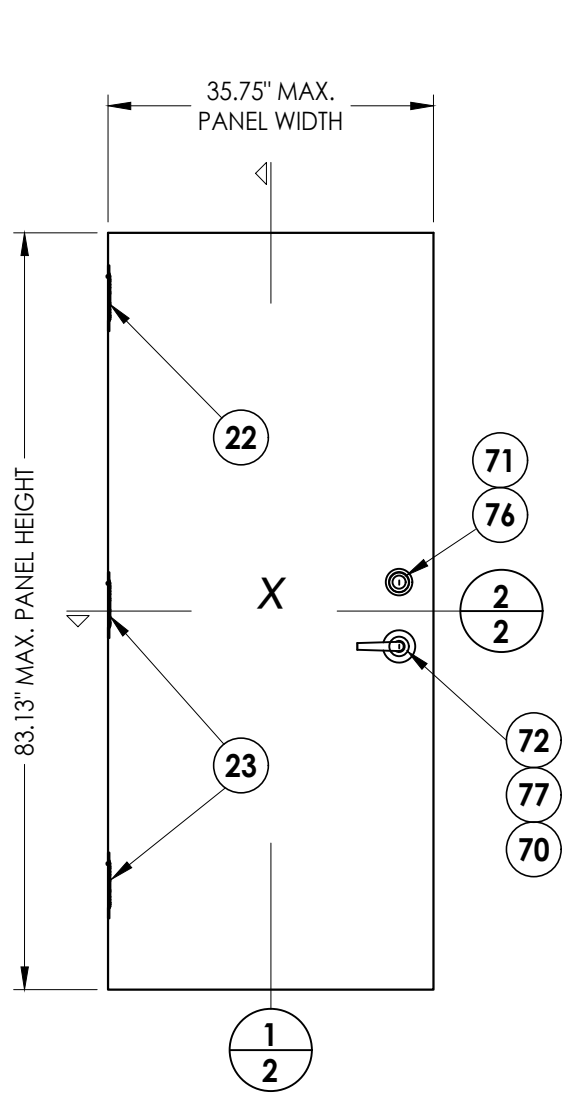
REVISIONS

PRODUCT:
PREMIER PRODUCTS, INC.
"D" STEEL DOOR

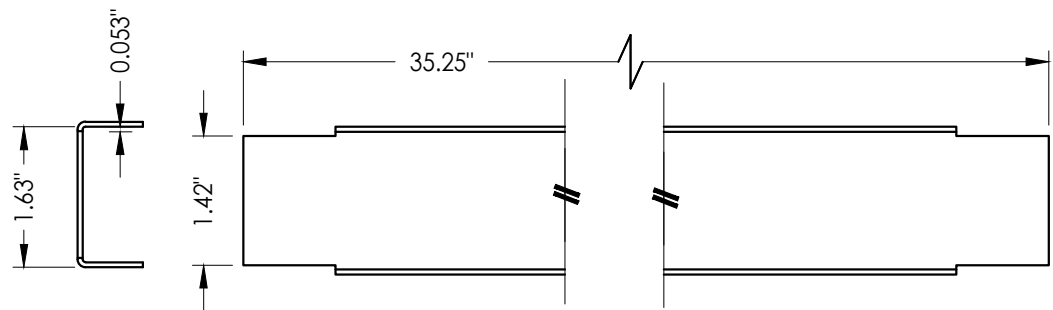
PART OR ASSEMBLY:
TYPICAL ELEVATIONS, DESIGN
PRESSURES & GENERAL NOTES

Building Consultants, Inc.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

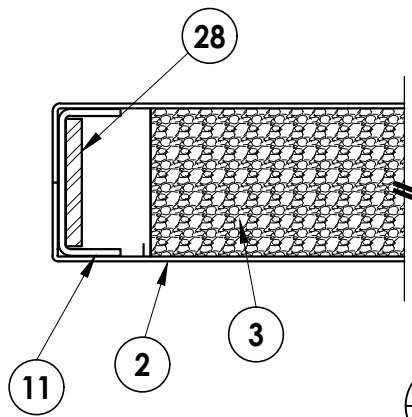
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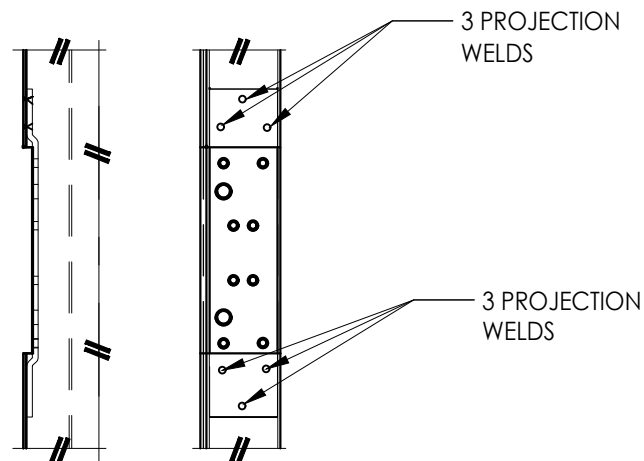
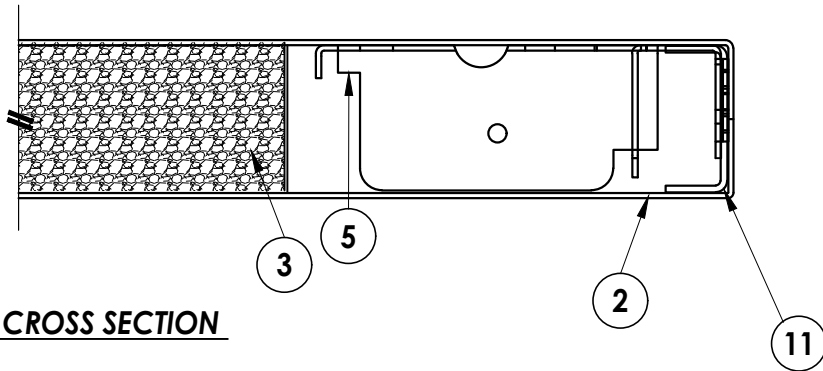
1 "D" OPAQUE STEEL DOOR PANEL



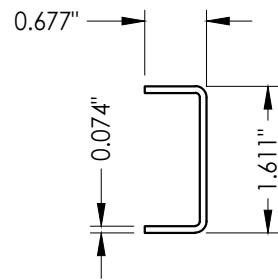
4 DOOR TOP & BOTTOM CLOSER



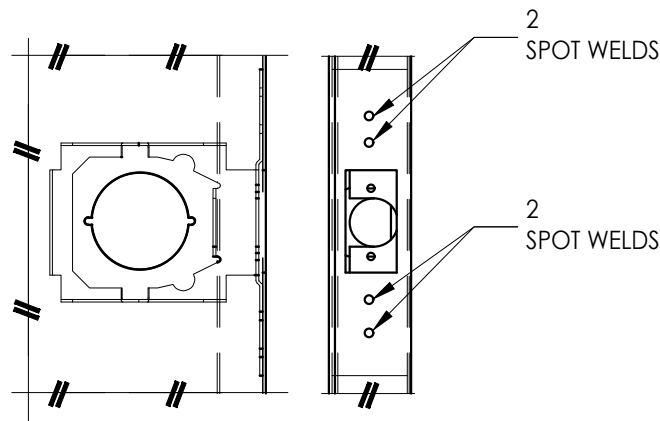
2/2 HORIZONTAL CROSS SECTION
Door panel



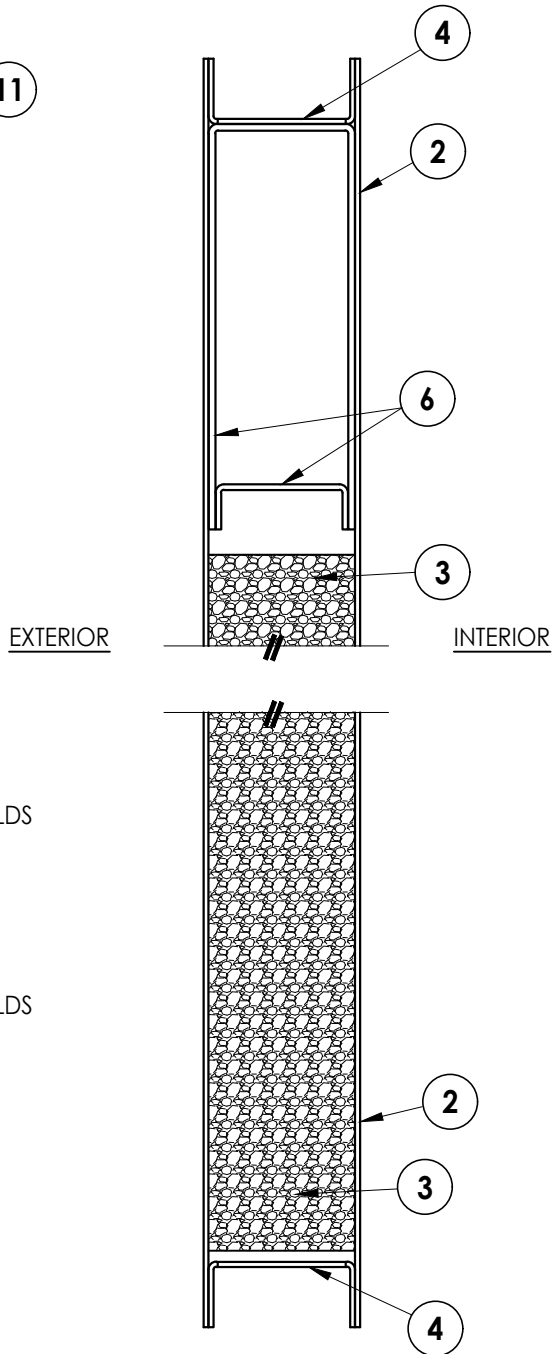
23 DOOR HINGE REINFORCEMENT



11 DOOR STILE EDGE
Reinforcement



5 LOCK BOX REINFORCEMENT



1/2 VERTICAL CROSS SECTION
Door panel

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:
DOOR PANEL SECTIONS
161 LOCK PREP

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

DATE: 11/10/22

SCALE: N.T.S.

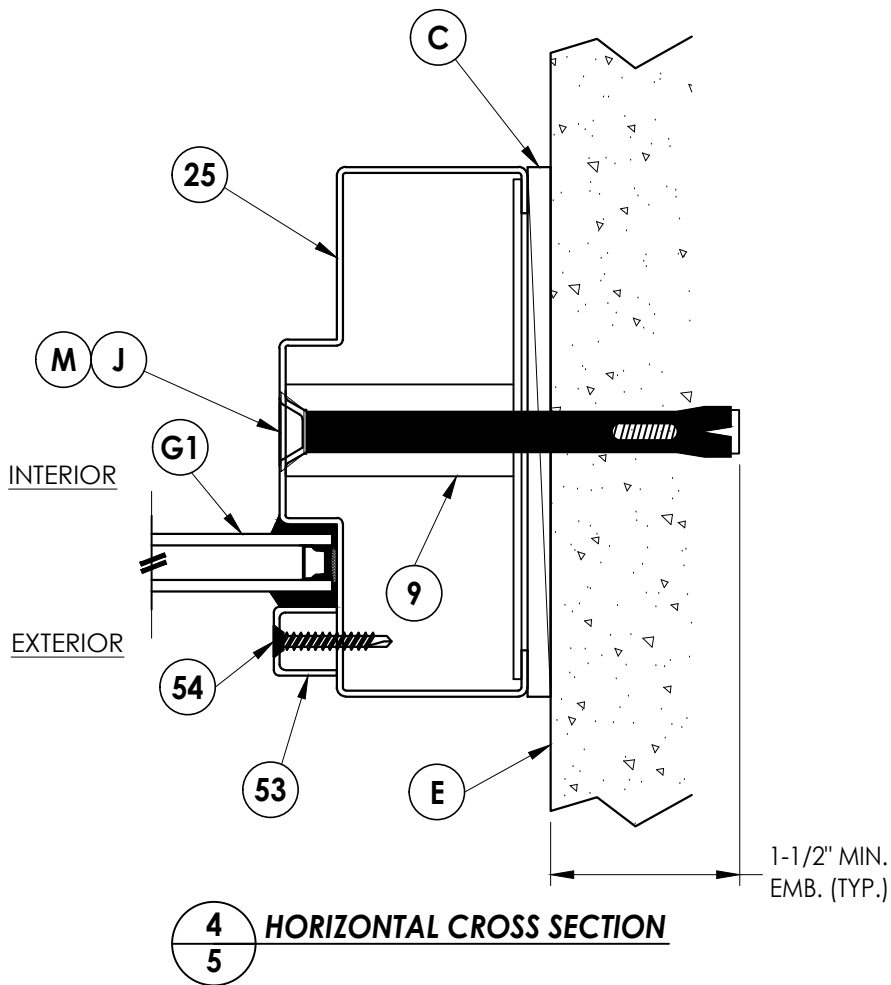
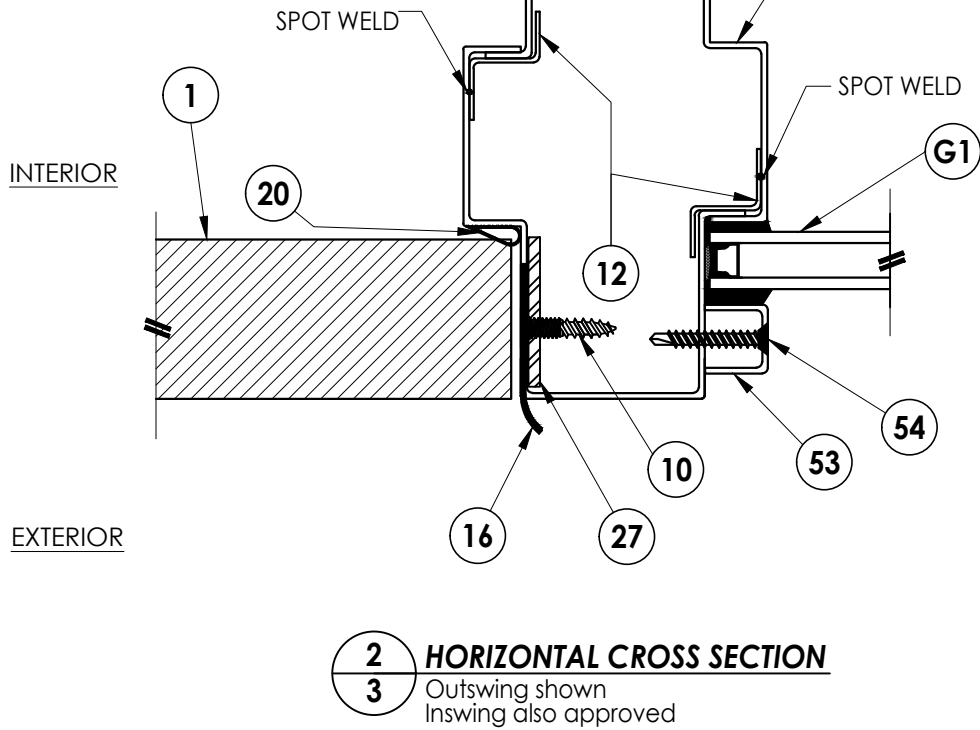
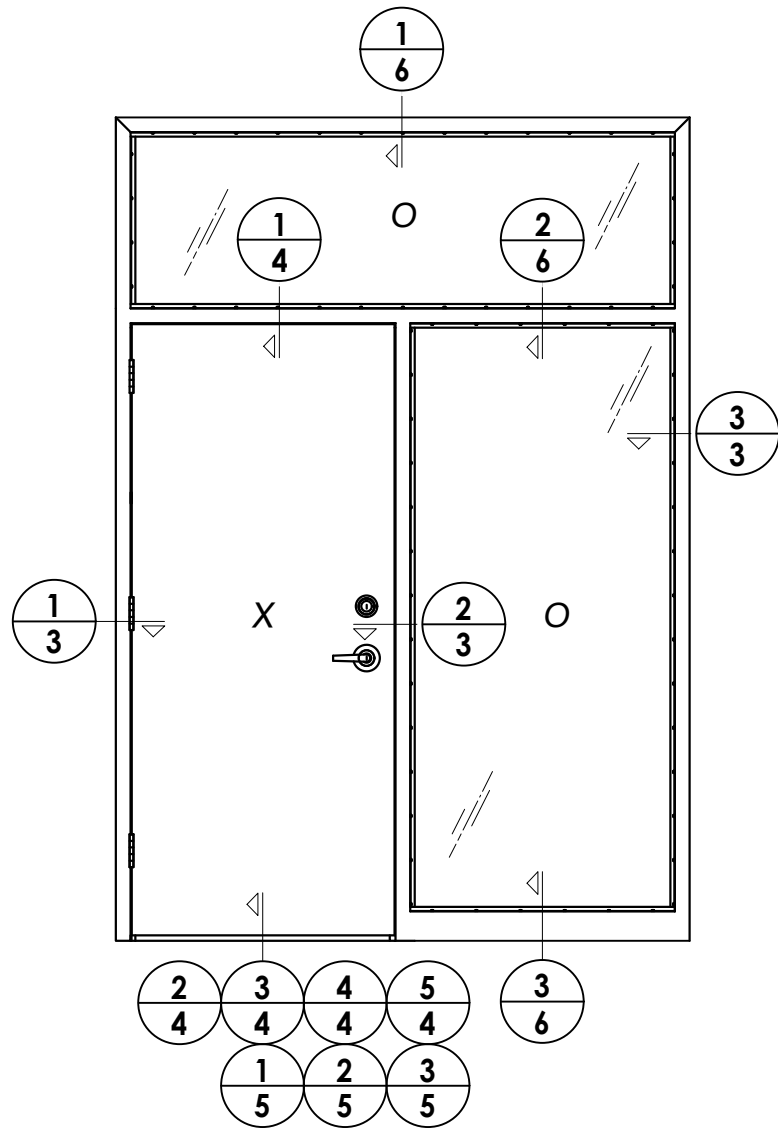
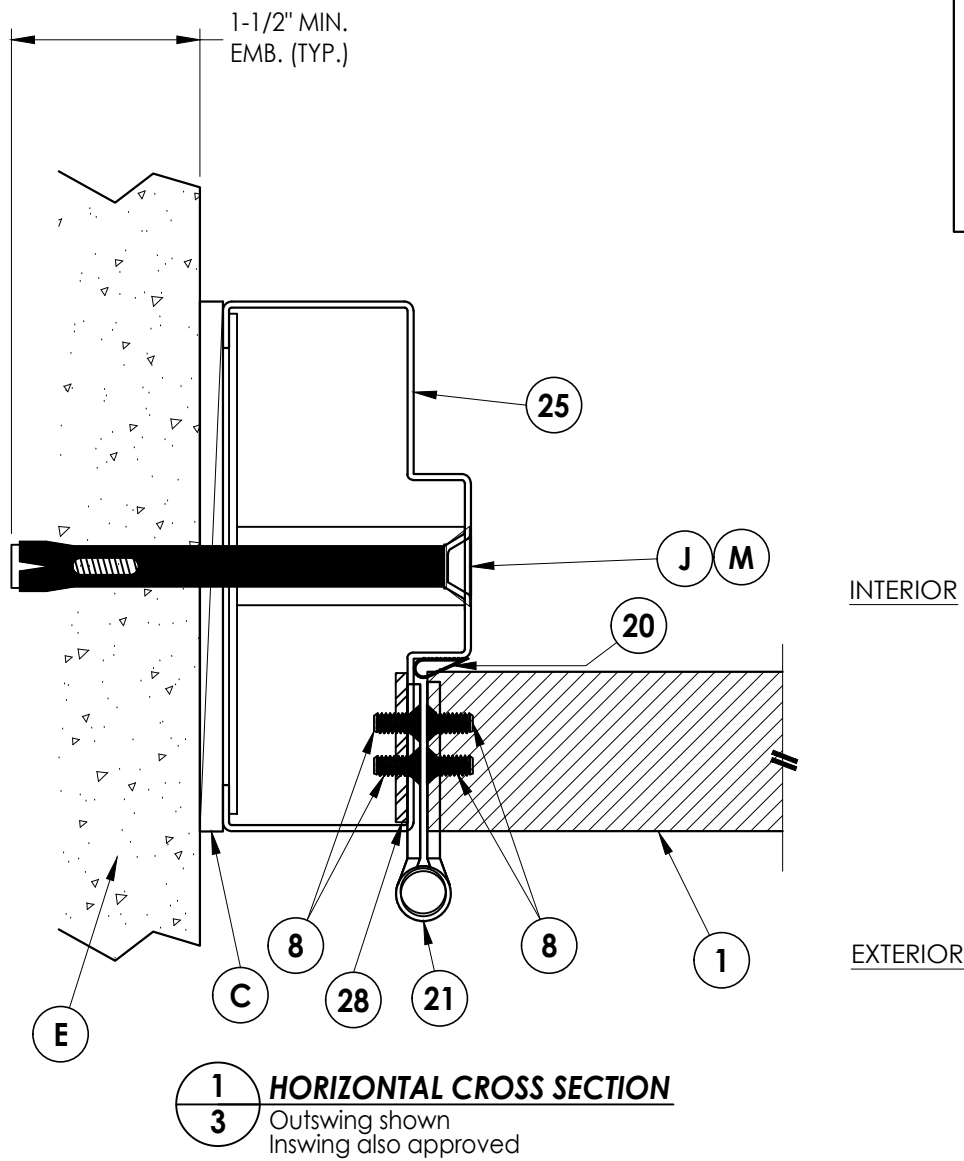
DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:
FL-41788.7

SHEET 2 OF 9

Z:\2023 FBC Drawings\Premier Products, Inc\FL-41788 R3\FL-41788.5-9.dwg



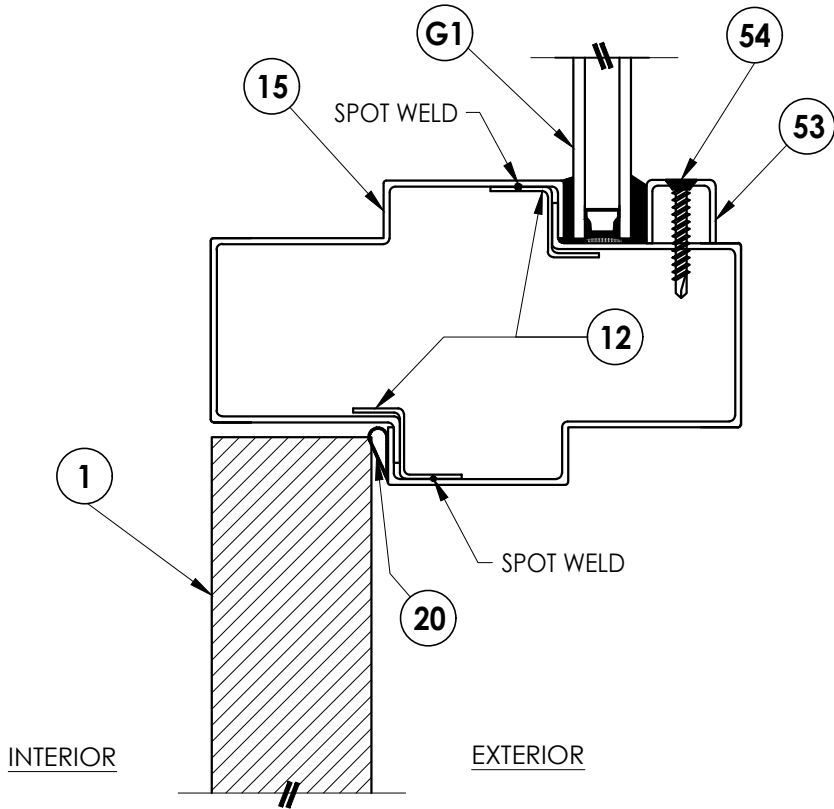
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SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-41788.7
SHEET	3 of 9

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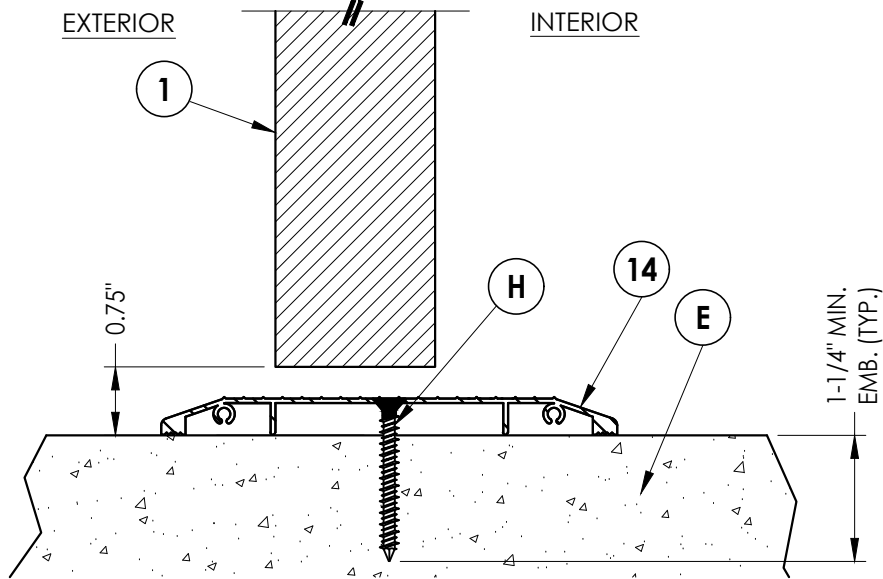
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

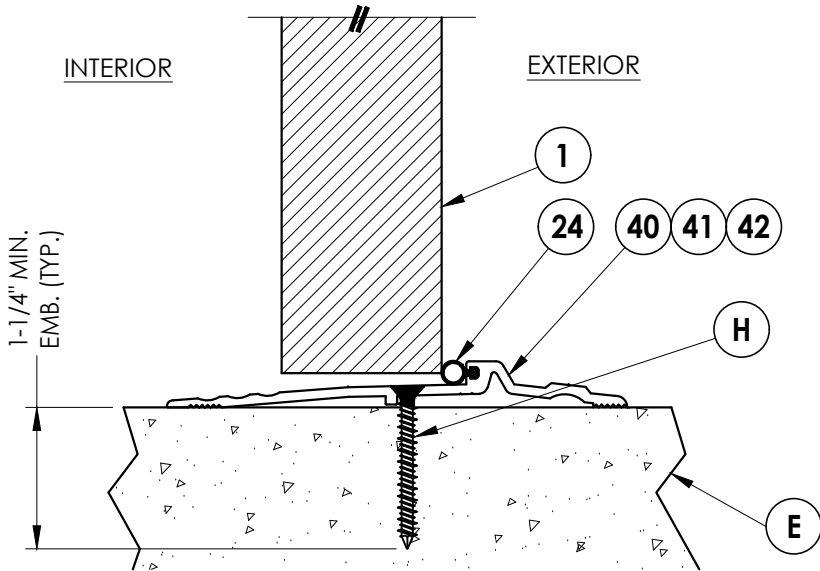
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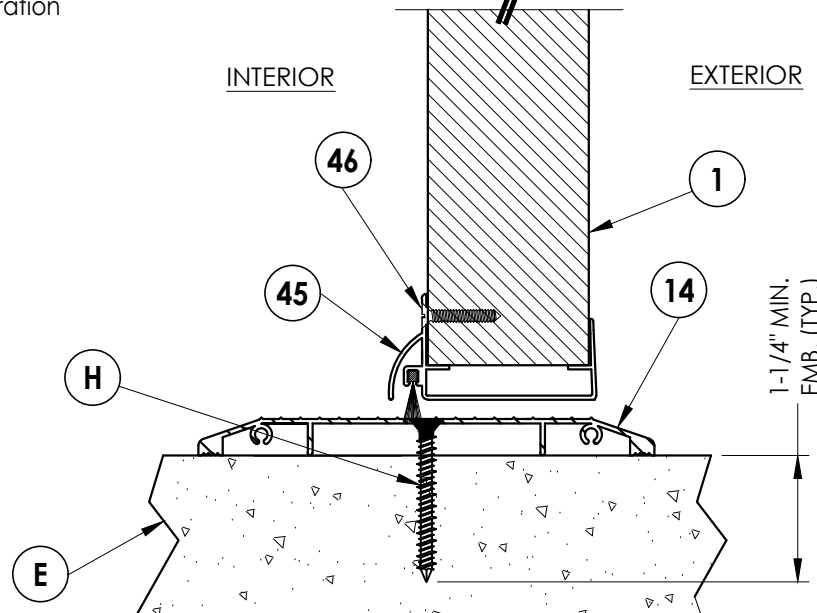
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4 **VERTICAL CROSS SECTION**
Inswing configuration



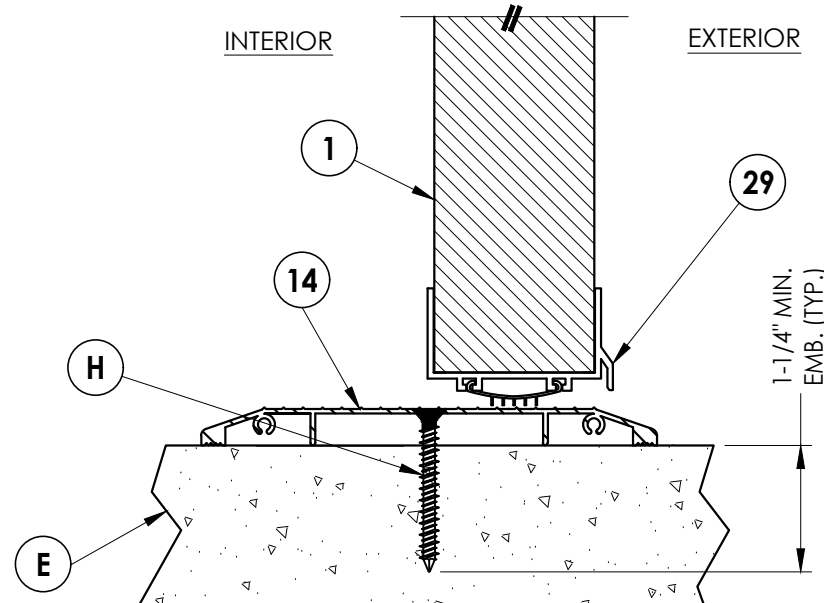
5
4 **VERTICAL CROSS SECTION**



2
4 **VERTICAL CROSS SECTION**
Inswing configuration



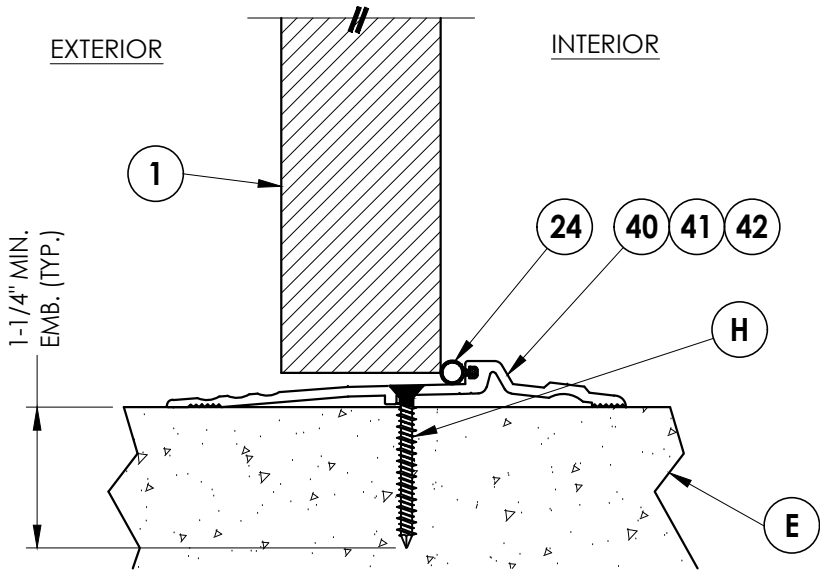
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4 **VERTICAL CROSS SECTION**
Inswing configuration



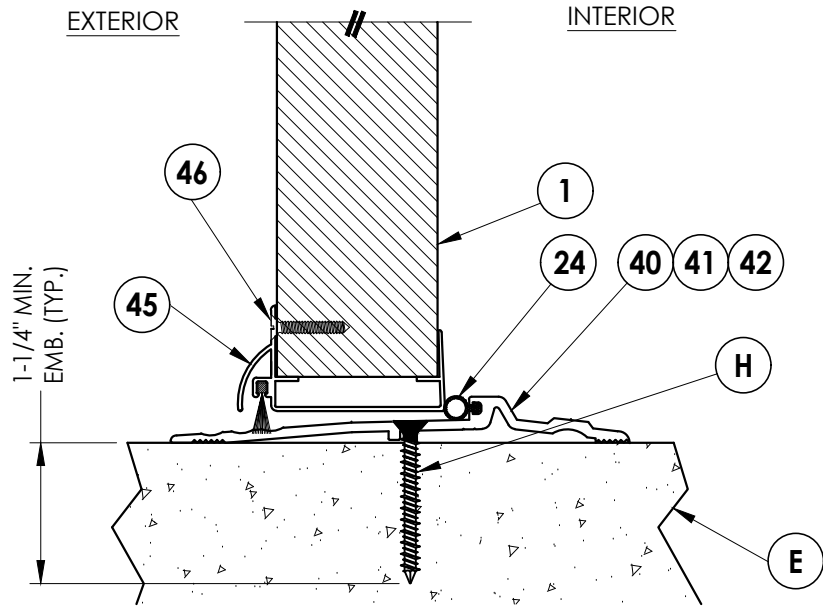
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4 **VERTICAL CROSS SECTION**
Inswing configuration

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" OPAQUE STEEL DOOR		PART OR ASSEMBLY: VERTICAL CROSS SECTIONS					
				LFS	FBC	LFS	BY
				2	7/02/26	UPDATE TO 9TH ED. (2026)	
				1	8/21/23	UPDATE TO 8TH ED. (2023)	
				NO.	DATE		
				REVISIONS			
DATE: 11/10/22							
SCALE: N.T.S.							
DWG. BY: LFS							
CHK. BY: RW							
DRAWING NO.: FL-41788.7							
SHEET 4 OF 9							

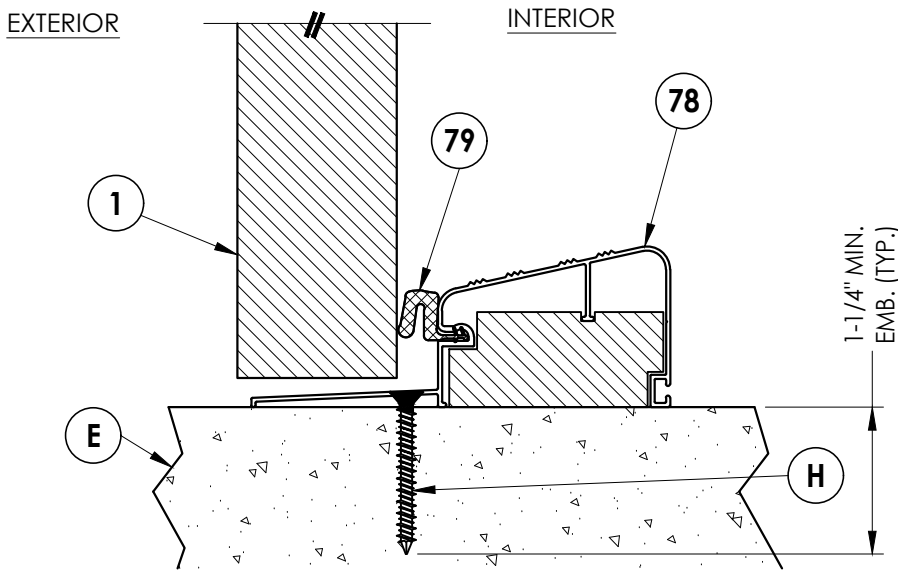
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2
5 **VERTICAL CROSS SECTION**
Outswing configuration



1
5 **VERTICAL CROSS SECTION**
Outswing configuration



3
5 **VERTICAL CROSS SECTION**
Outswing configuration

DATE: 11/10/22
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-41788.7
SHEET 5 OF 9

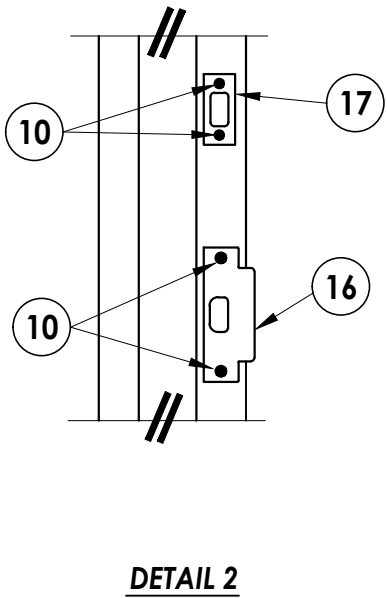
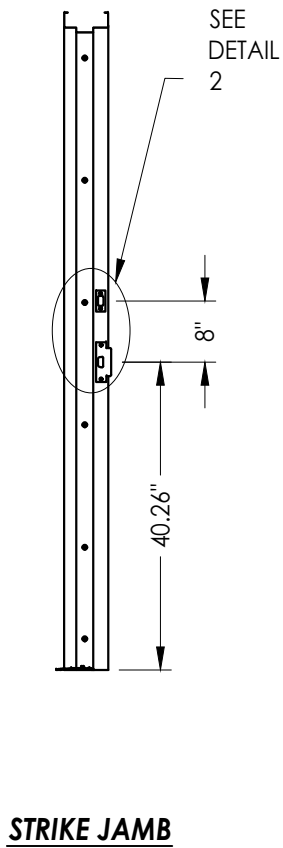
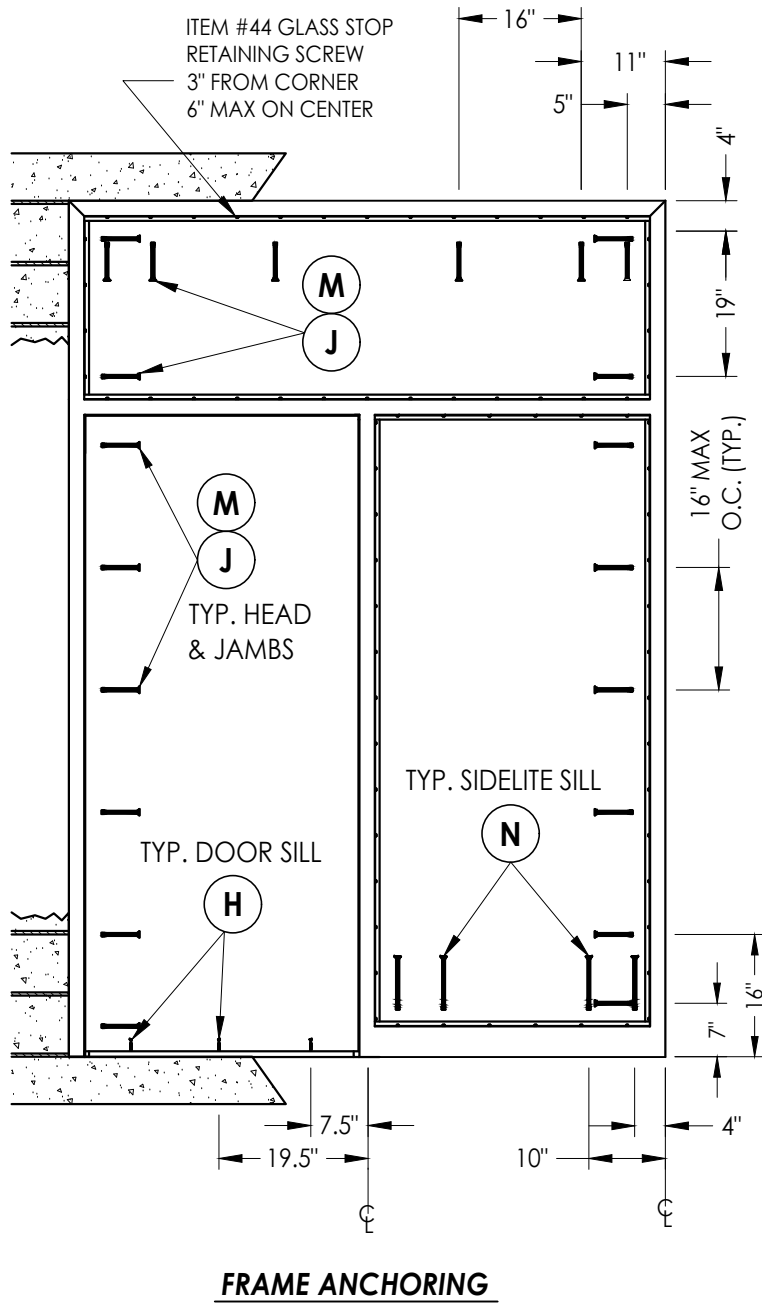
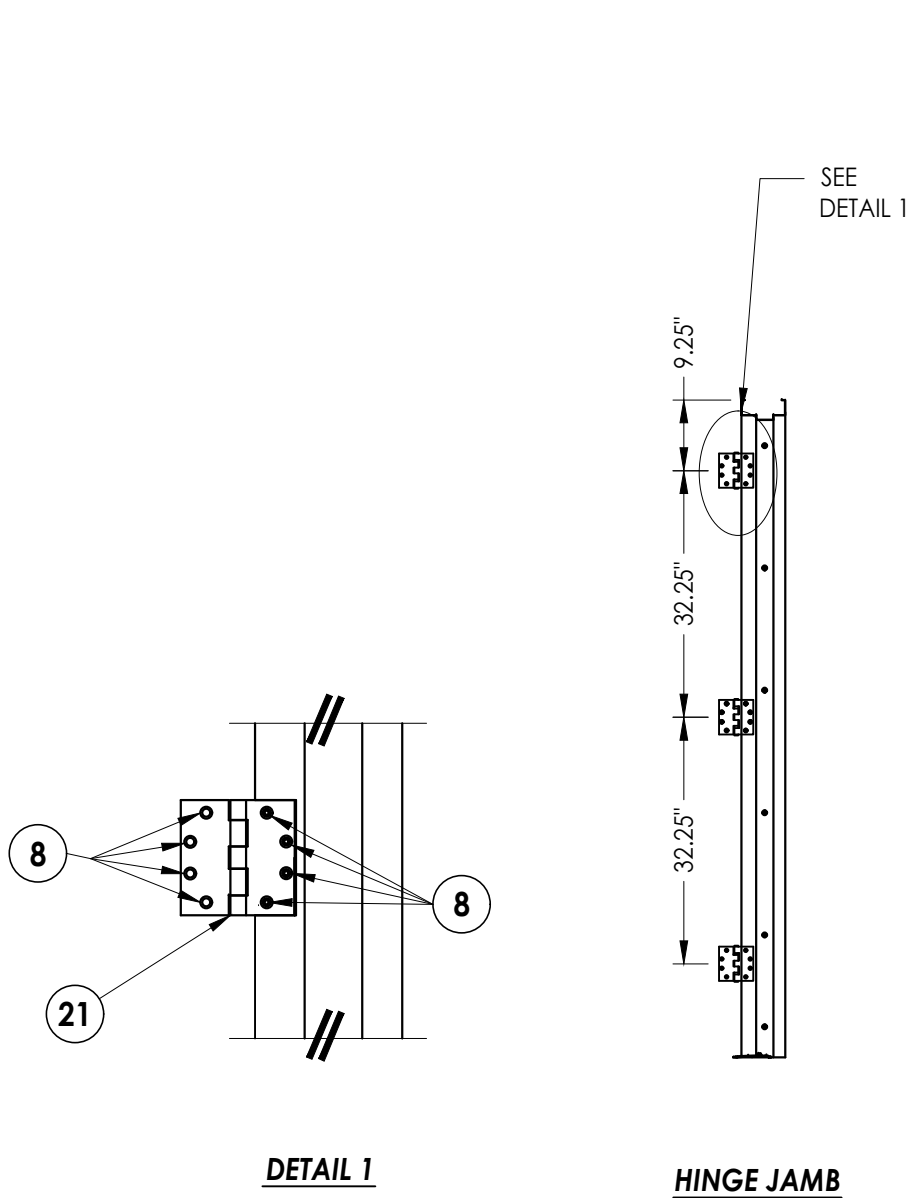
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NO.	DATE	BY	
2	7/02/26	LFS	UPDATE TO 9TH ED. (2026) FBC
1	8/21/23	LFS	UPDATE TO 8TH ED. (2023) FBC

PRODUCT:
PREMIER PRODUCTS, INC.
"D" OPAQUE STEEL DOOR

PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

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

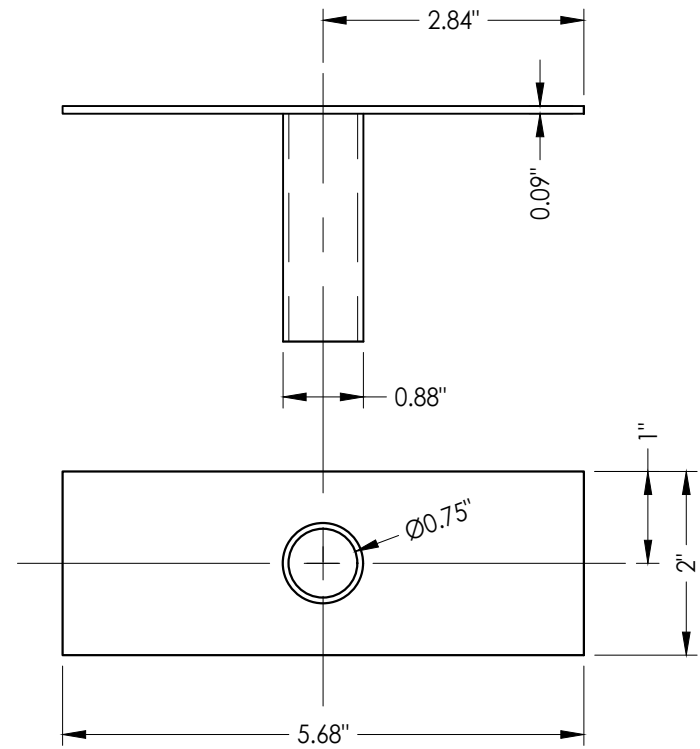


- ANCHOR NOTES:**
1. Substitution of equal concrete screws from a different supplier may have different edge distance and center distance requirements.
 2. Concrete screw locations at the corners may be adjusted to maintain the minimum edge distance to mortar joints. If concrete screw locations noted 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:

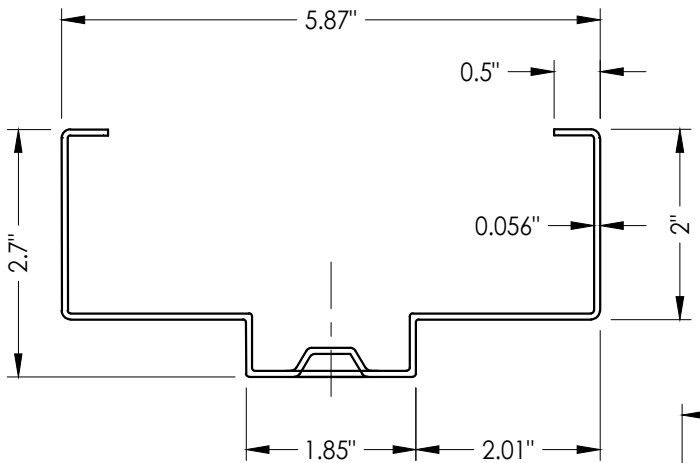
ANCHOR TYPE	ANCHOR SIZE	MINIMUM EMBEDMENT	MINIMUM CLEARANCE TO MASONRY EDGE	MINIMUM CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2-1/2"	4"
DYNABOLT SLEEVE ANCHOR	3/8"	1-1/2"	2-1/4"	4-1/2"
POWERS TAPPER	3/8"	1-1/2"	4"	3-3/4"
SCREW-BOLT+™	1/2"	2-1/2"	6"	6"

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: ANCHORING DETAILS	
		REVISIONS	
		NO. DATE	
		2 7/02/26 UPDATE TO 9TH ED. (2026) FBC LFS	
		1 8/21/23 UPDATE TO 8TH ED. (2023) FBC LFS	
		DATE	
DATE: 11/10/22			
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-41788.7			
SHEET 7 OF 9			

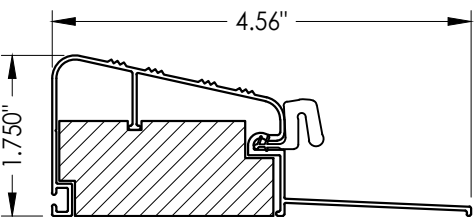
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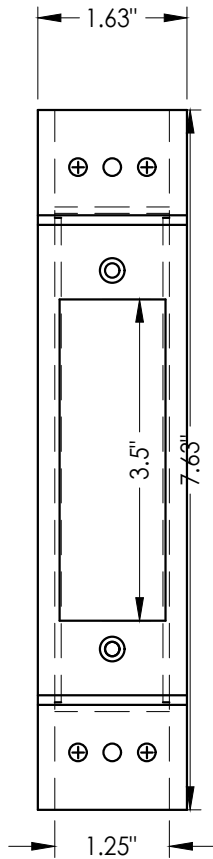
9 TUBE ANCHOR



25 HOLLOW METAL FRAME



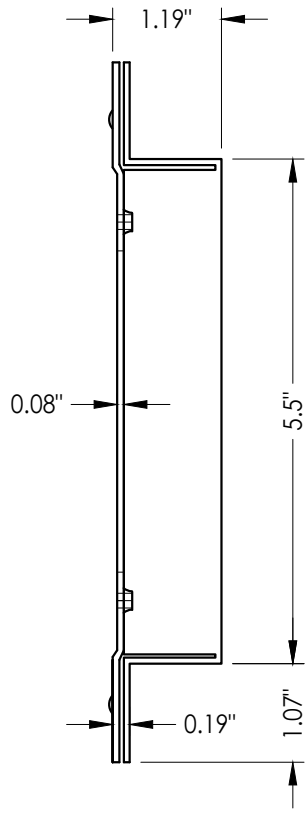
78 OUTSWING THRESHOLD



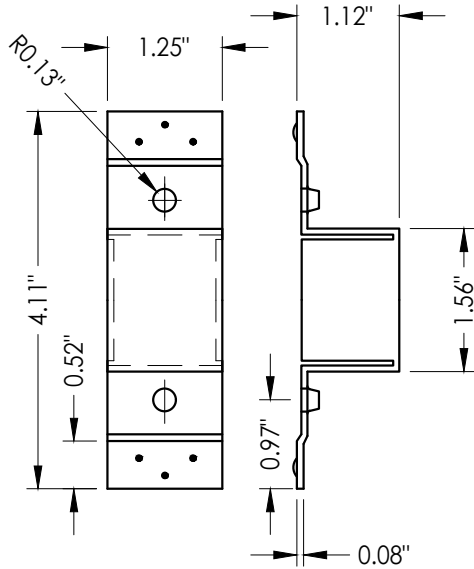
27 LATCH STRIKE REINFORCEMENT



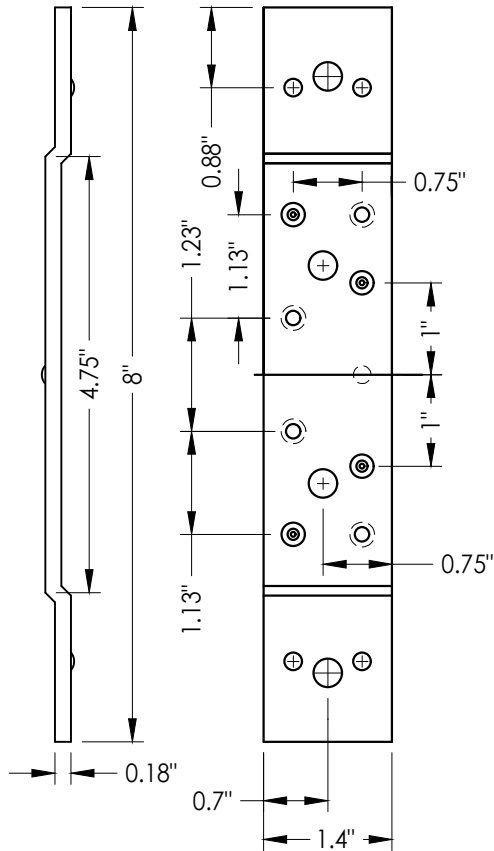
40 THRESHOLD



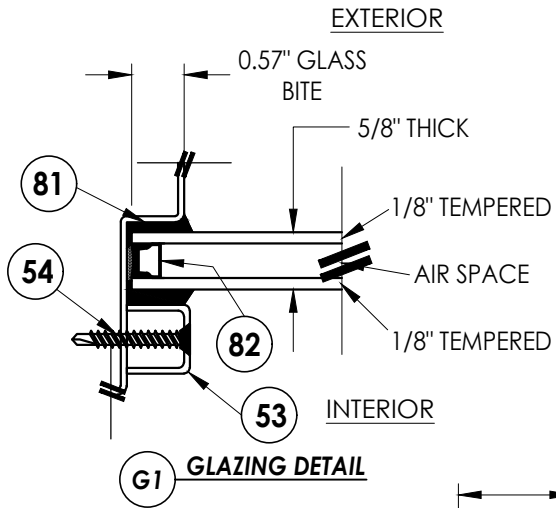
5 LOCK BOX REINFORCEMENT



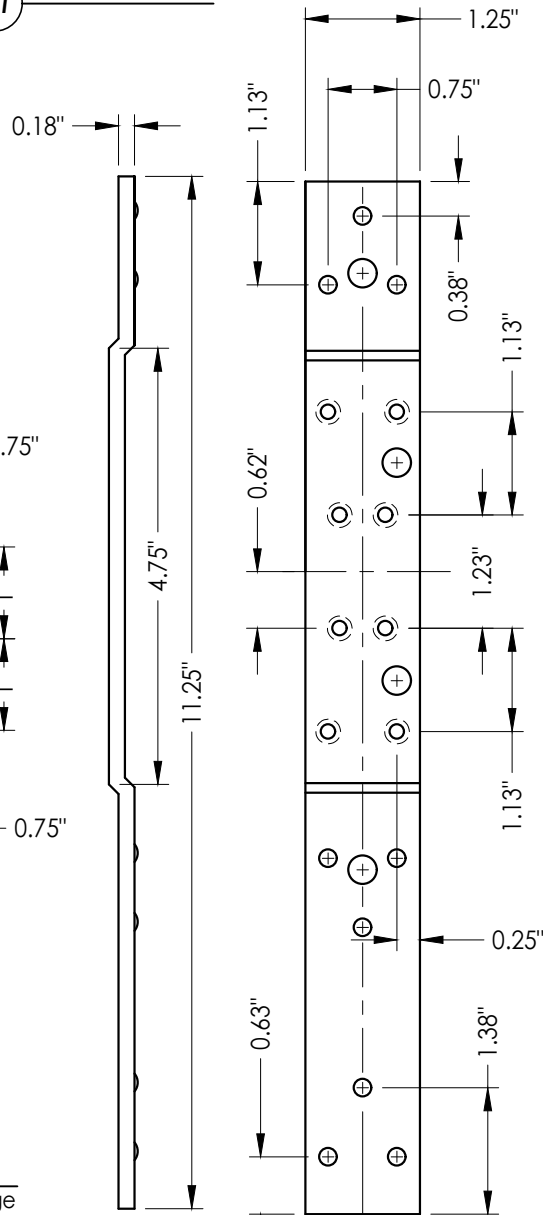
19 DEADBOLT STRIKE REINFORCEMENT



23 STANDARD (SHORT) DOOR HINGE
Reinforcement middle and bottom hinge



22 STANDARD (LONG) DOOR HINGE
Reinforcement top hinge



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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 AND
COMPONENTS

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

DATE: 11/10/22

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:

FL-41788.7

SHEET 8 OF 9

