

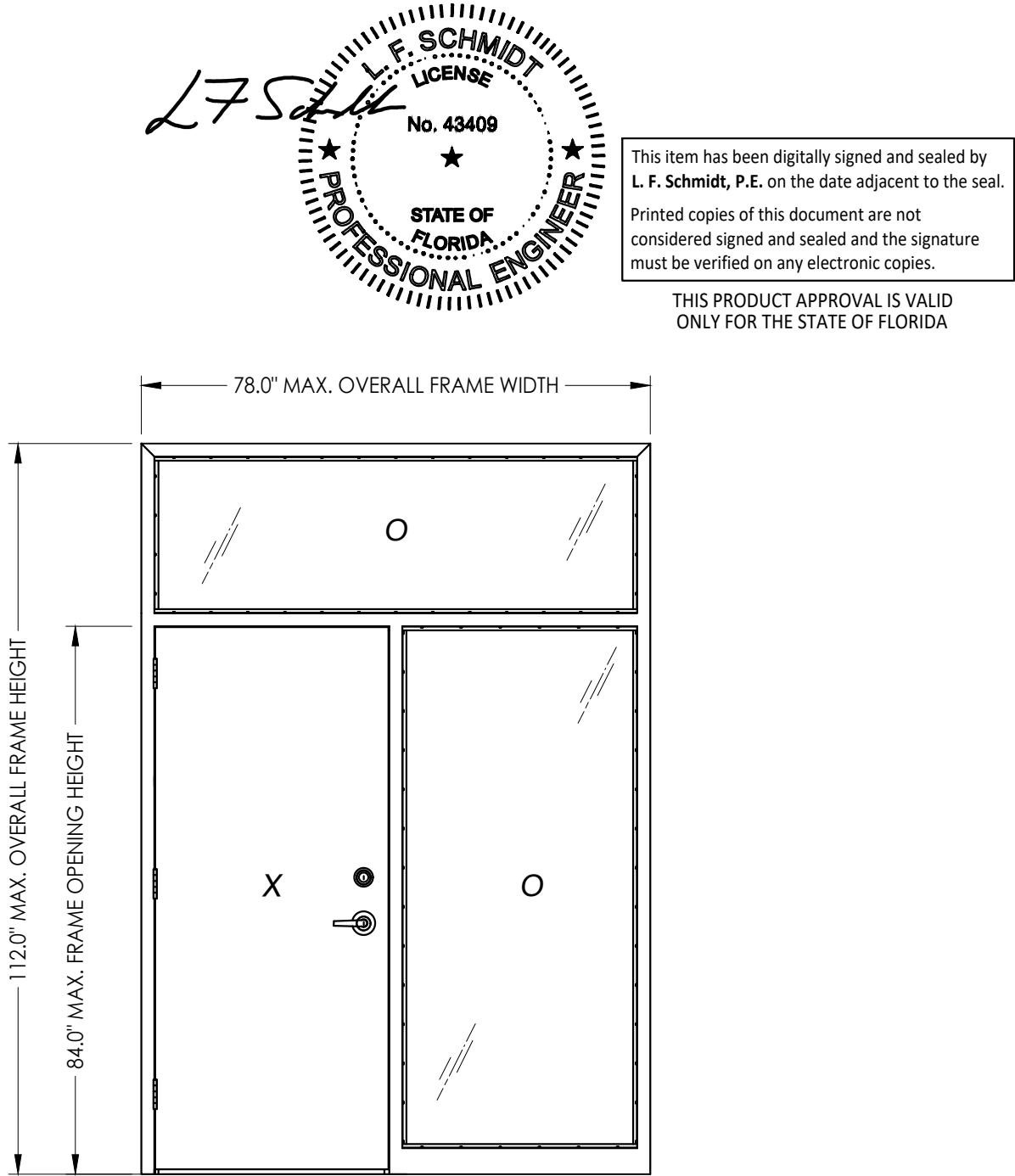


"D" SERIES
COMMERCIAL STEEL DOOR
w/ SIDELITE & TRANSOM
INSWING / OUTSWING
"NON-IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) 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

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

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

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

DATE: 11/10/22

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-41788.7

SHEET 1 OF 9

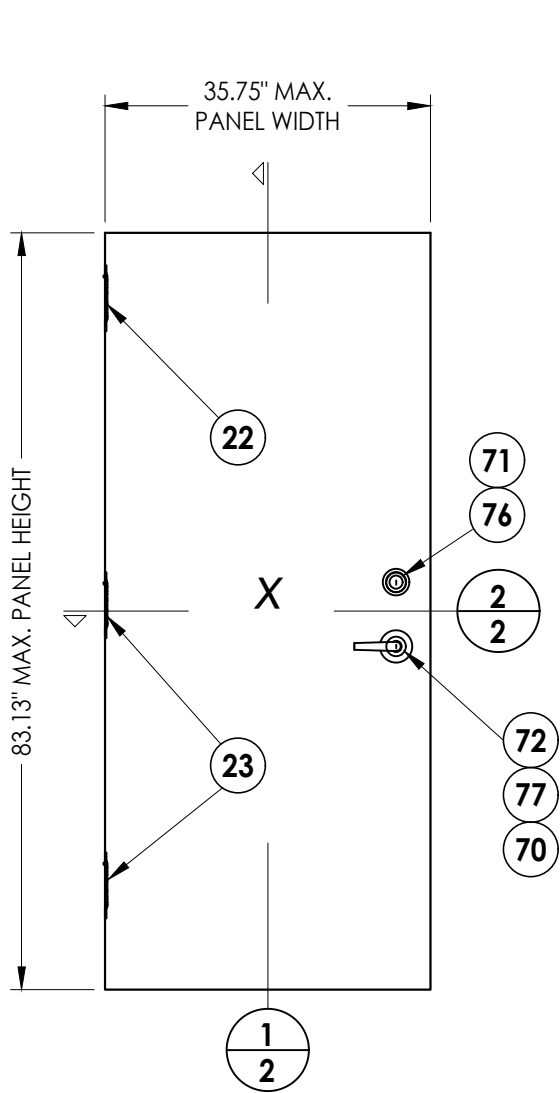
1 8/21/23 UPDATE TO 8TH ED. (2023) FBC

NO. DATE

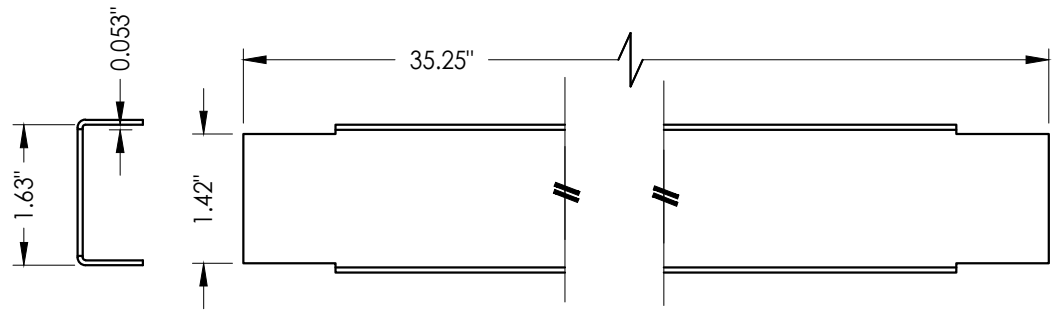
REVISIONS

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

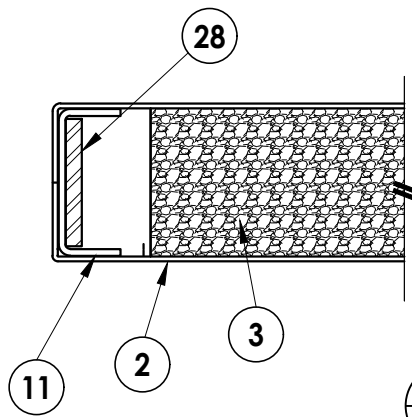
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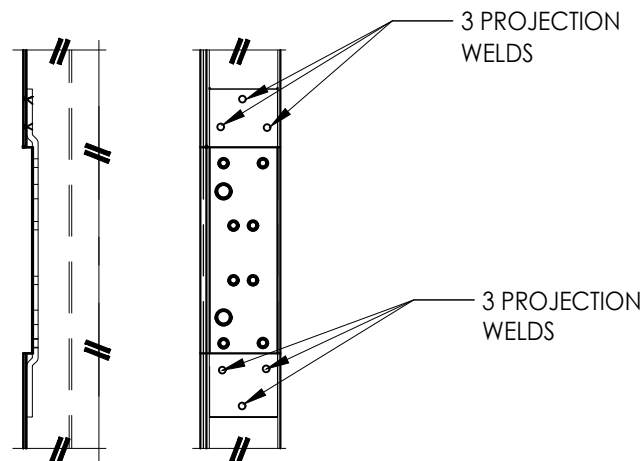
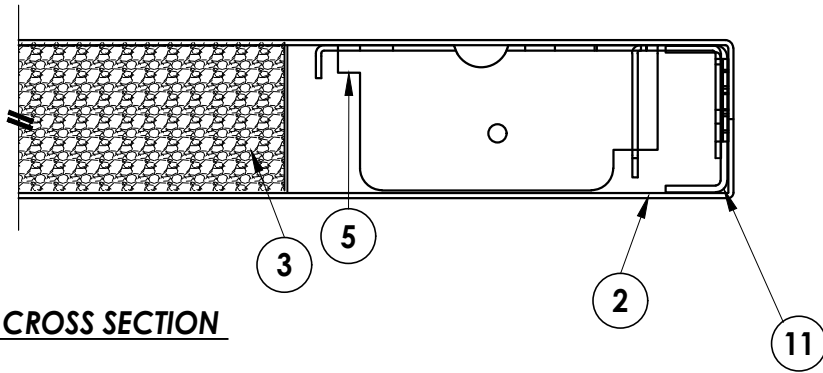
1 "D" OPAQUE STEEL DOOR PANEL



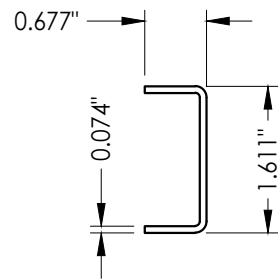
4 DOOR TOP & BOTTOM CLOSER



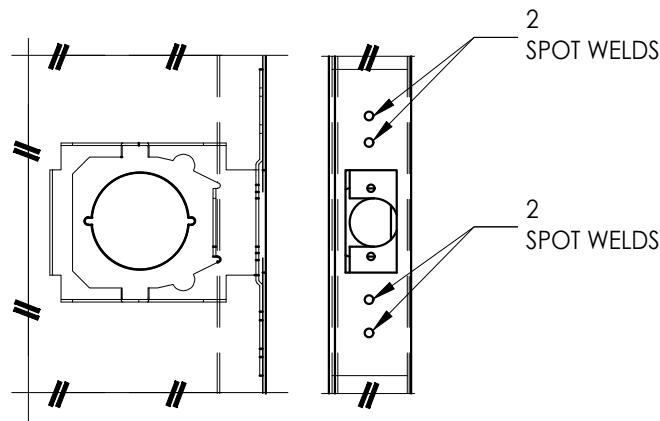
2/2 HORIZONTAL CROSS SECTION
Door panel



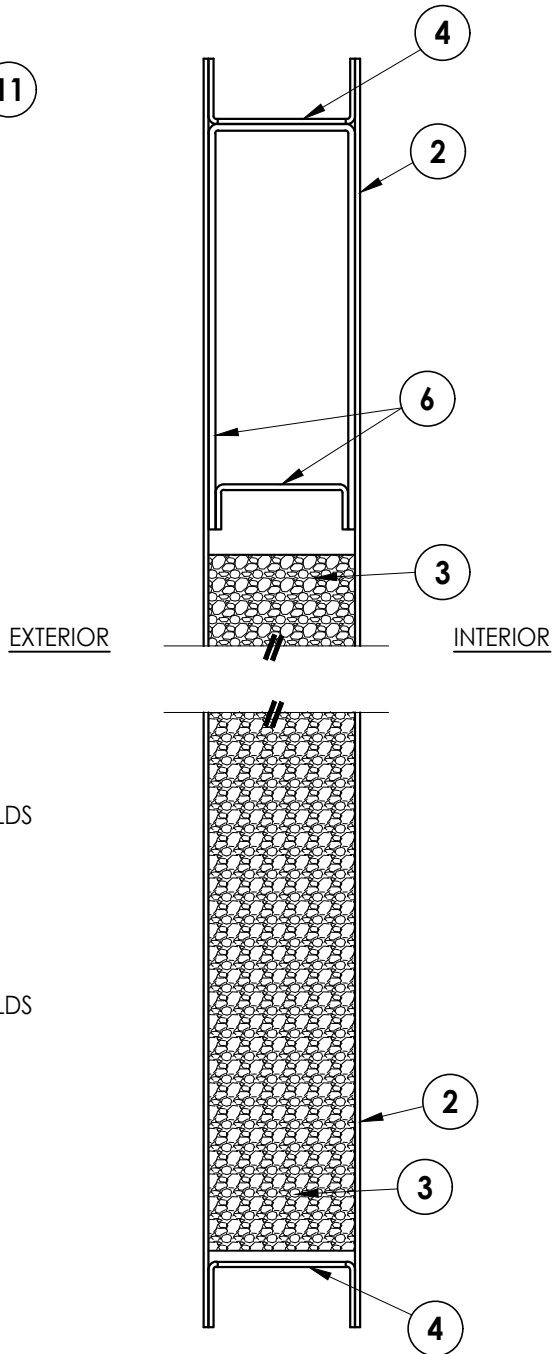
23 DOOR HINGE REINFORCEMENT



11 DOOR STILE EDGE
Reinforcement



5 LOCK BOX REINFORCEMENT



1/2 VERTICAL CROSS SECTION
Door panel

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

PART OR ASSEMBLY:
DOOR PANEL SECTIONS
161 LOCK PREP

NO.	DATE	REVISIONS	BY	LFS
1	8/21/23	UPDATE TO 8TH ED. (2023)	FBC	

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SCALE: N.T.S.

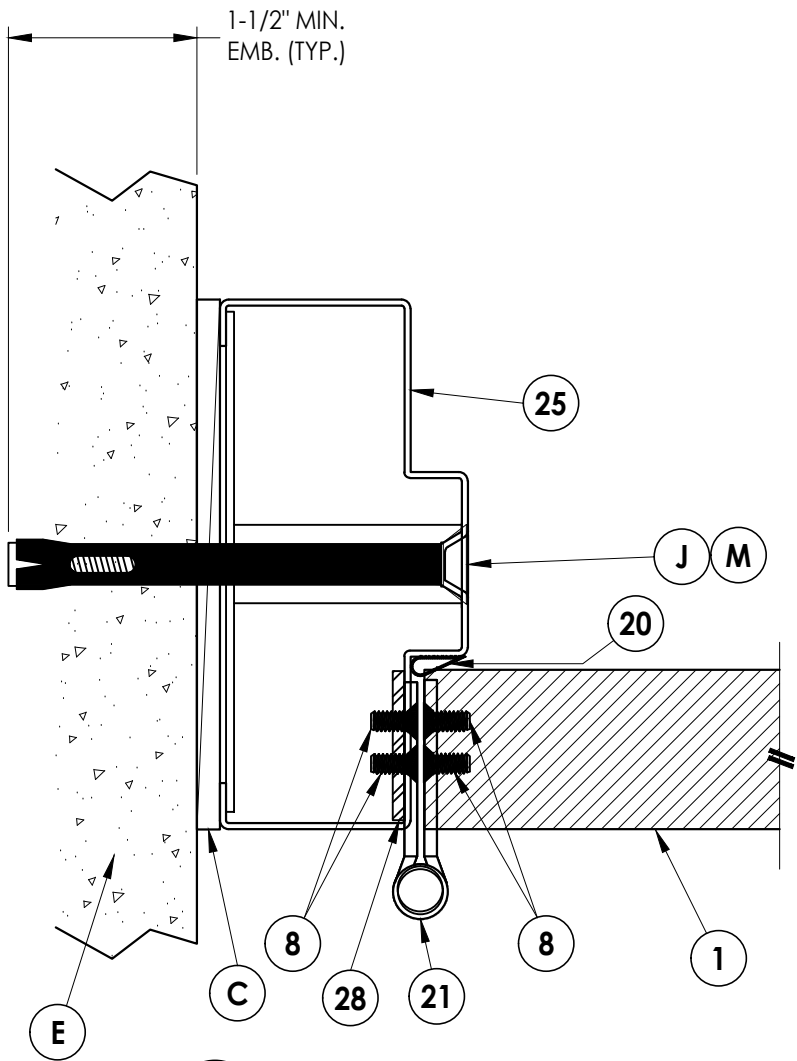
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CHK. BY: RW

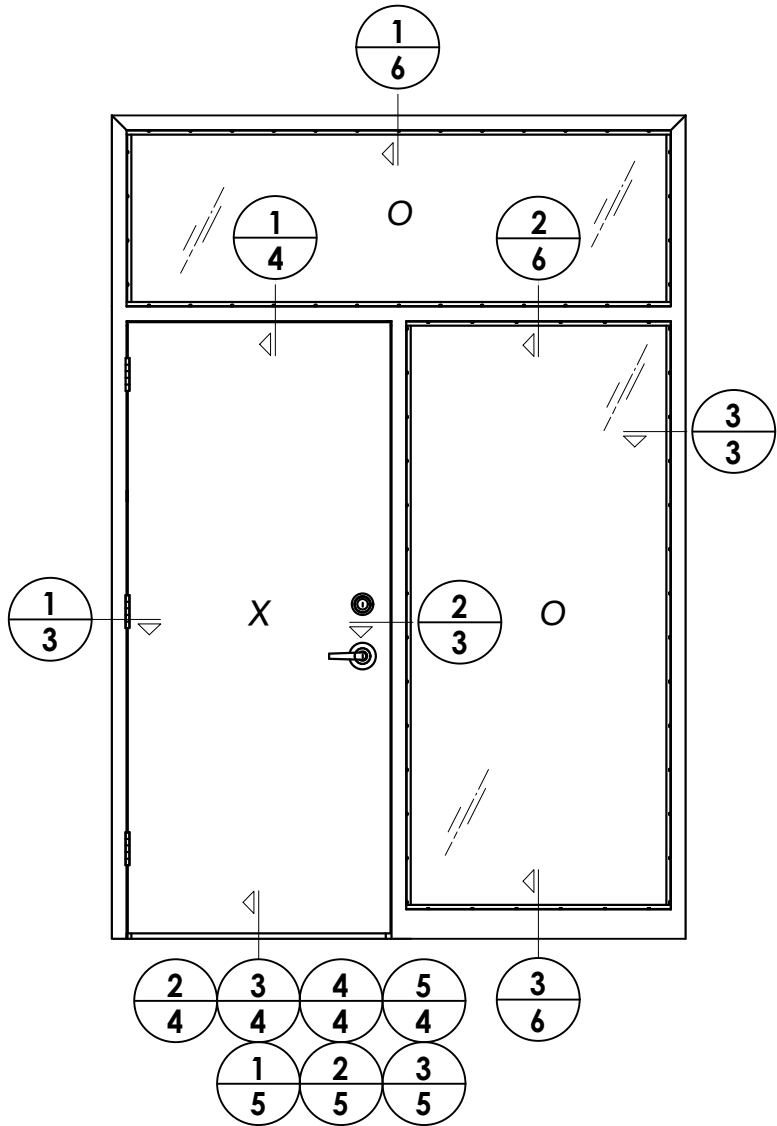
DRAWING NO.: FL-41788.7

SHEET 2 OF 9

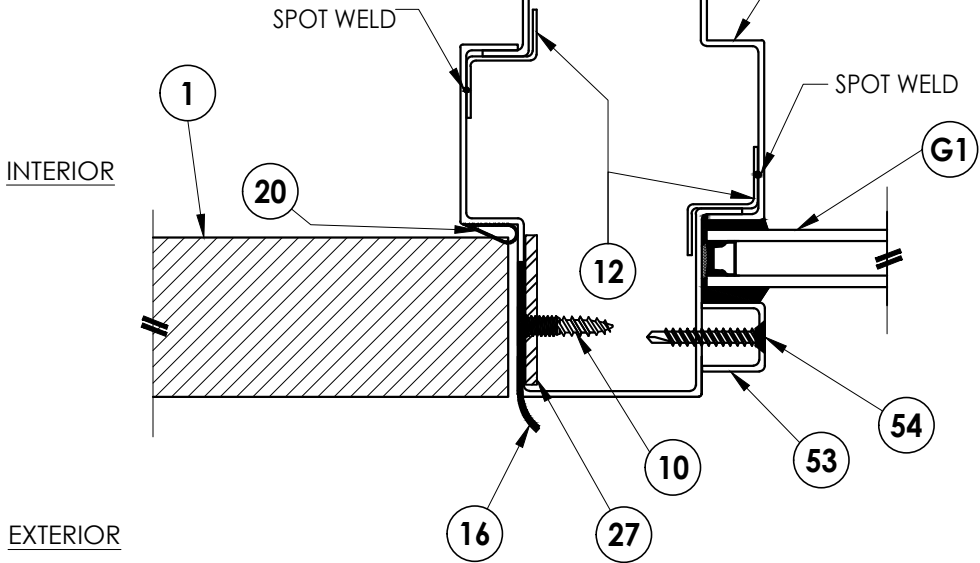
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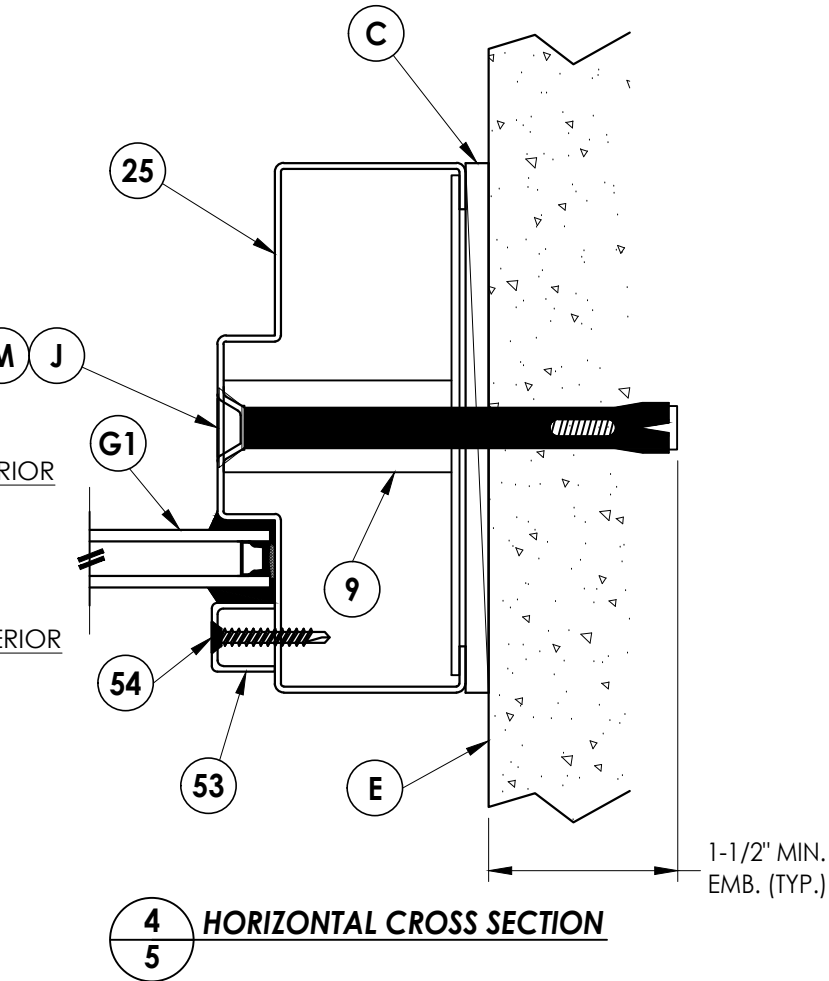
1
3 **HORIZONTAL CROSS SECTION**
Outswing shown
Inswing also approved



INTERIOR
EXTERIOR



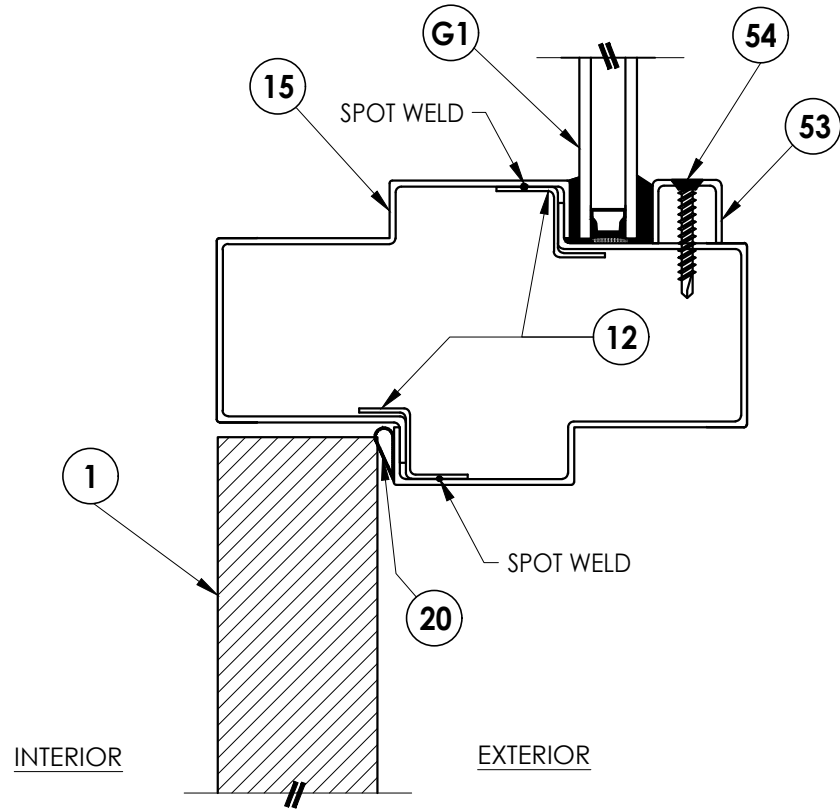
INTERIOR
EXTERIOR



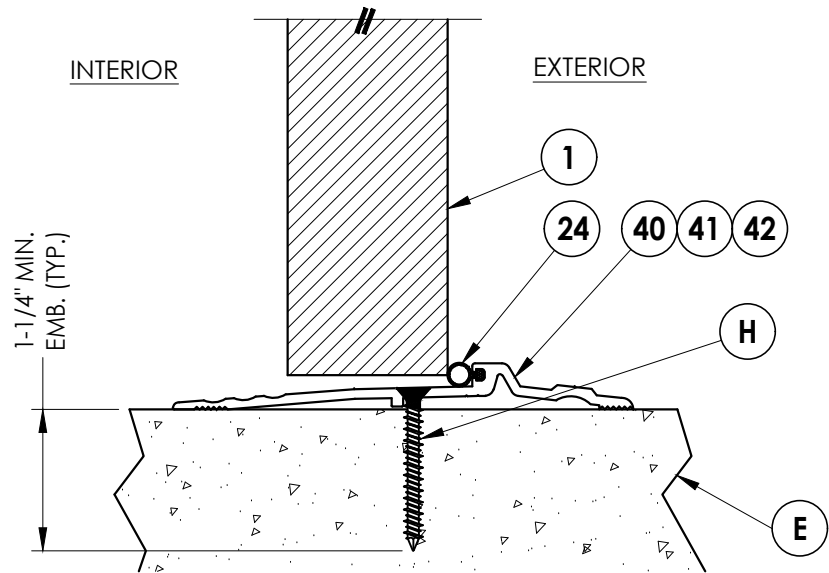
4
5 **HORIZONTAL CROSS SECTION**

2
3 **HORIZONTAL CROSS SECTION**
Outswing shown
Inswing also approved

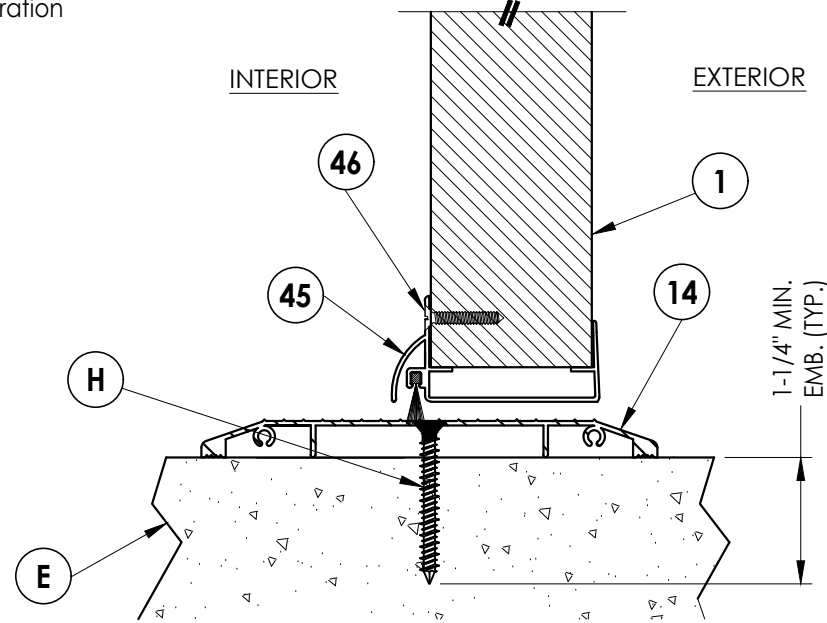
PRODUCT:		PREMIER PRODUCTS, INC.		PART OR ASSEMBLY:		HORIZONTAL	
		"D" STEEL DOOR				CROSS SECTIONS	



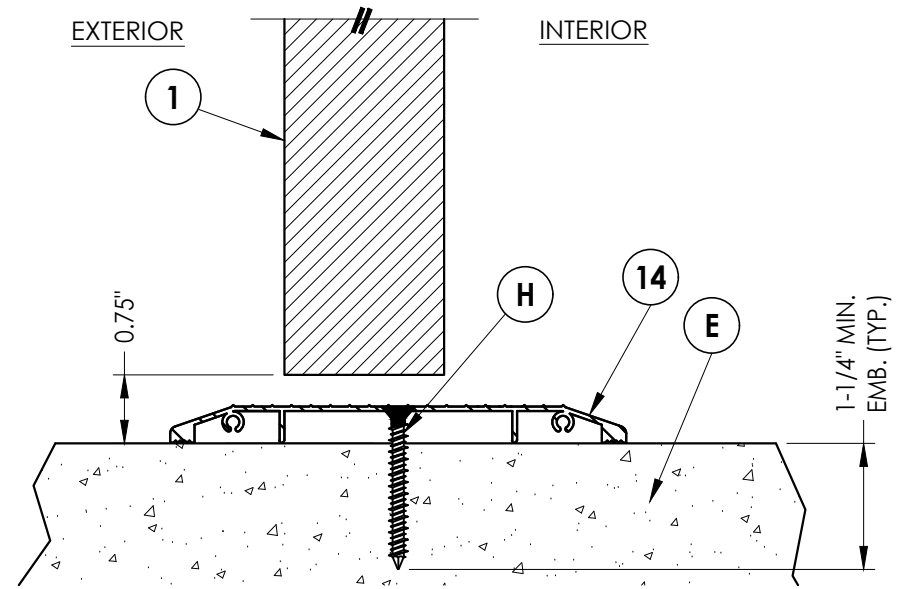
1 4 **VERTICAL CROSS SECTION** Inswing configuration



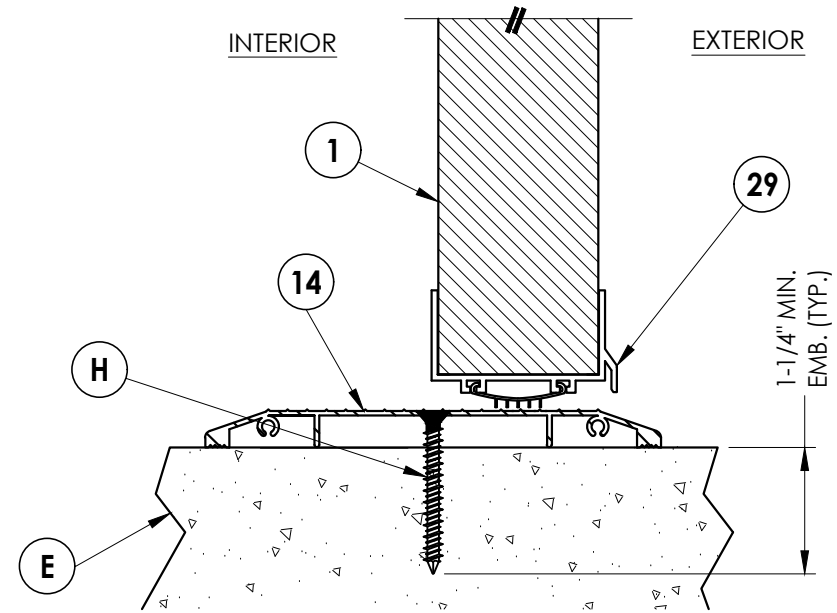
2 **VERTICAL CROSS SECTION**
4 Inswing configuration



3 VERTICAL CROSS SECTION
4 Inswing configuration



5 **VERTICAL CROSS SECTION**
4



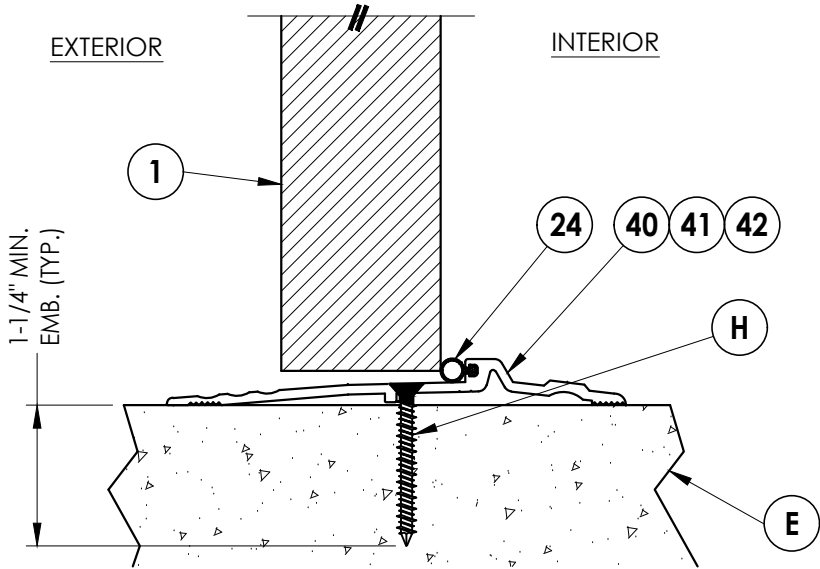
4 VERTICAL CROSS SECTION
4 Inswing configuration

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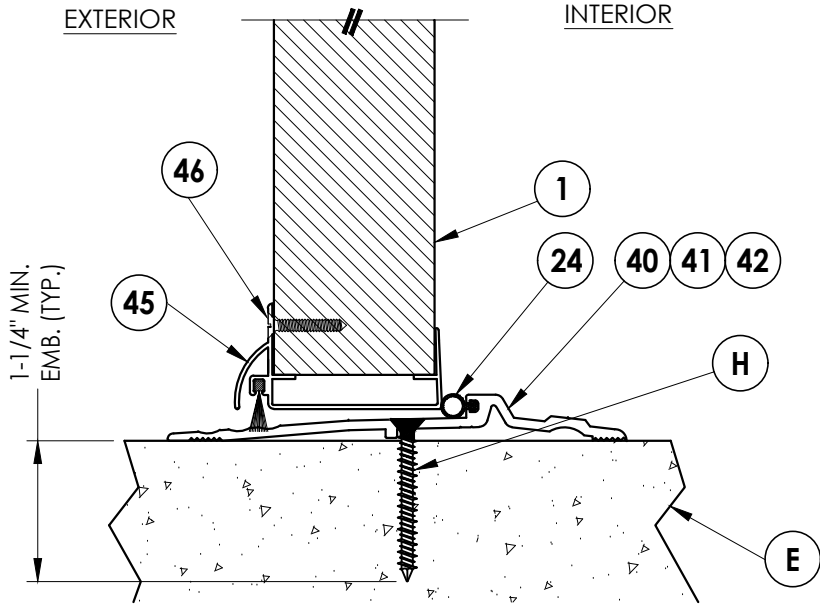
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R^W
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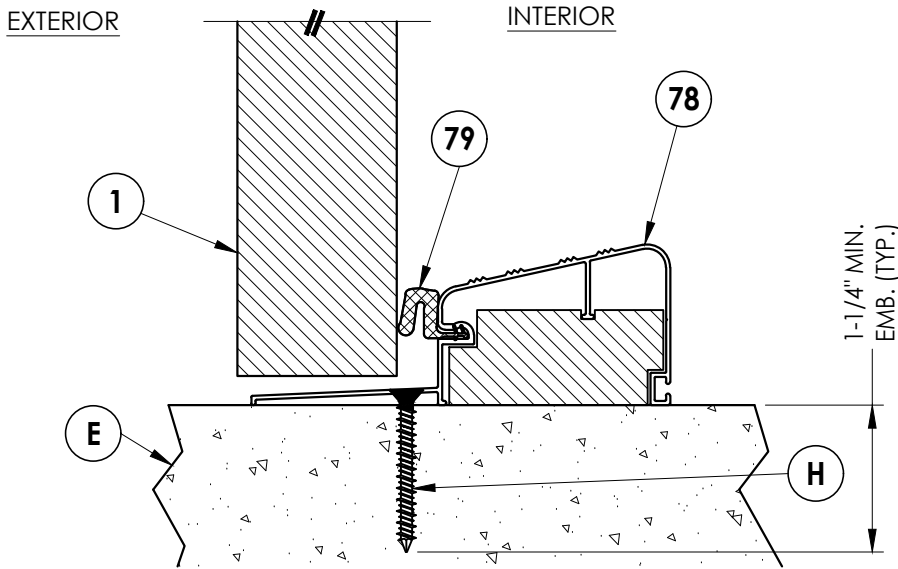
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2
5 **VERTICAL CROSS SECTION**
Outswing configuration



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

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

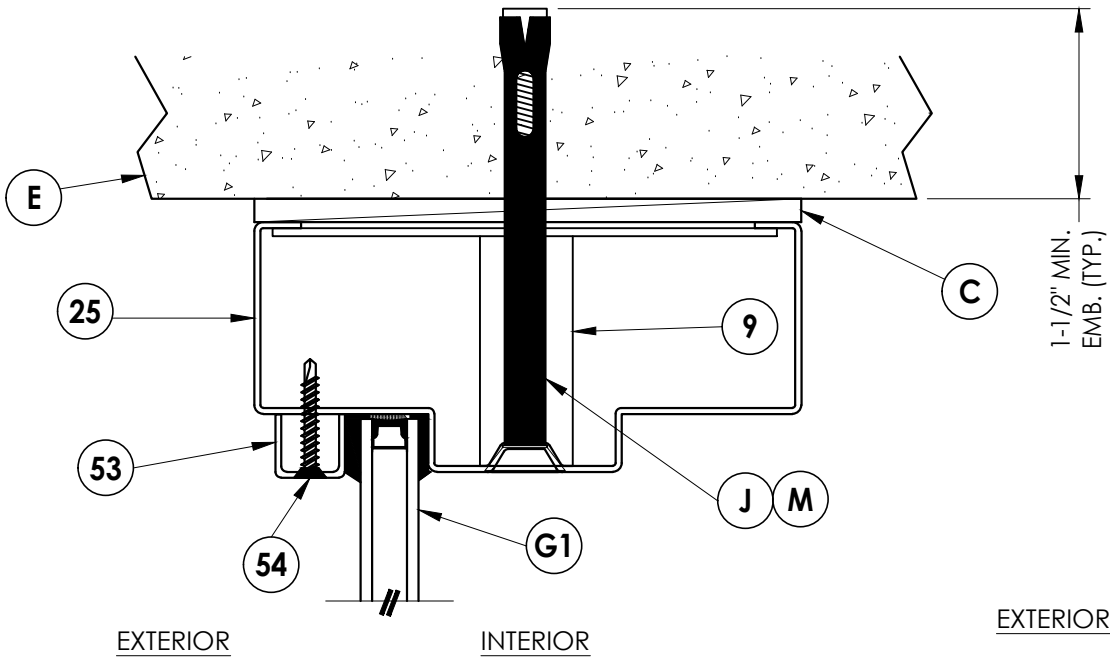
PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

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

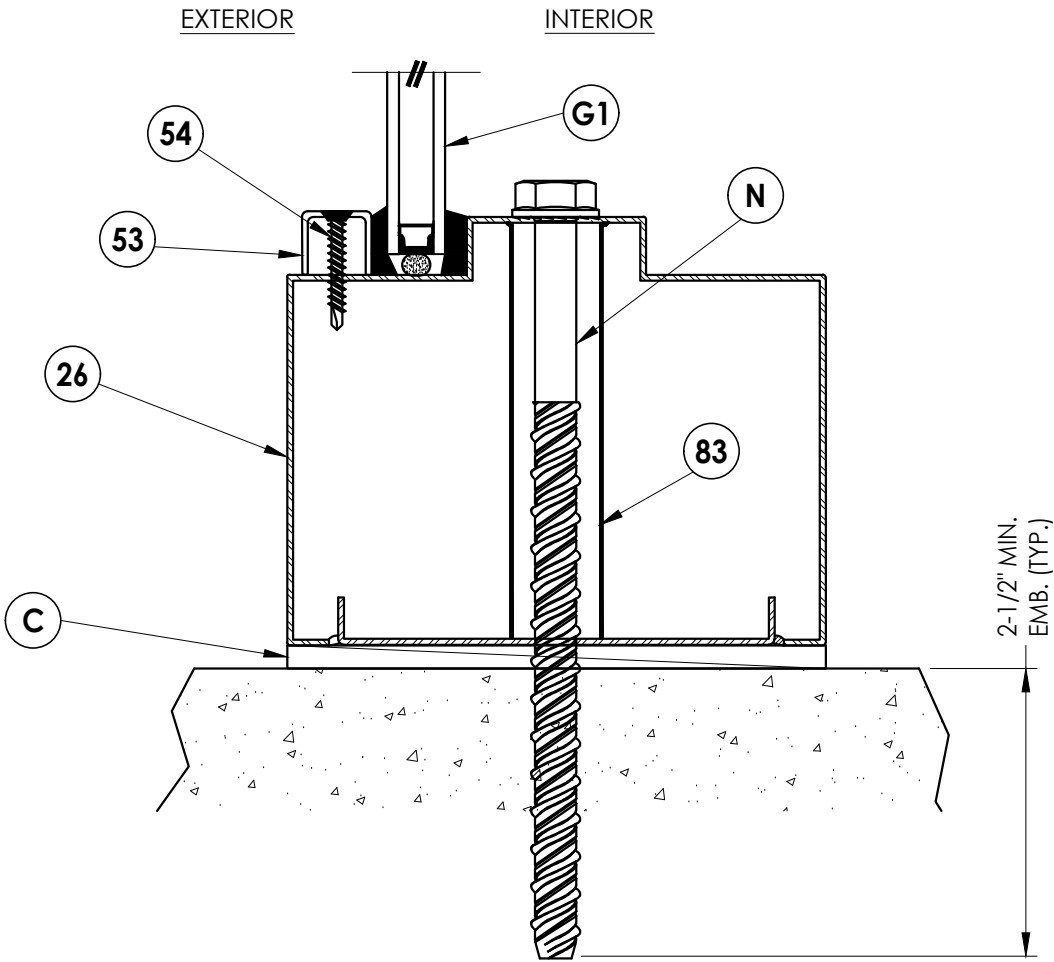
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Phone No.: 813.659.9197
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REVISIONS			
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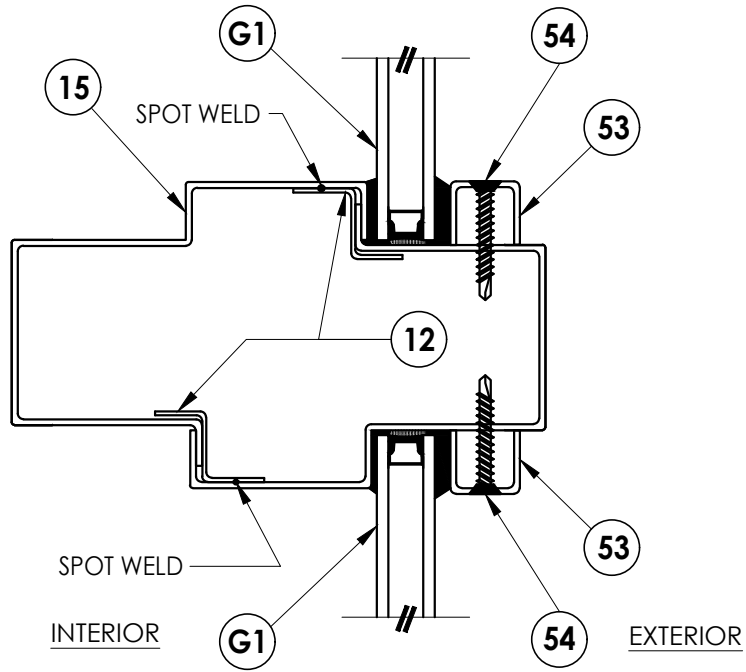
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1
6 VERTICAL CROSS SECTION



3
6 VERTICAL CROSS SECTION



2
6 VERTICAL CROSS SECTION

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	LFS
	BY

DATE: 11/10/22

SCALE: N.T.S.

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CHK. BY: RW

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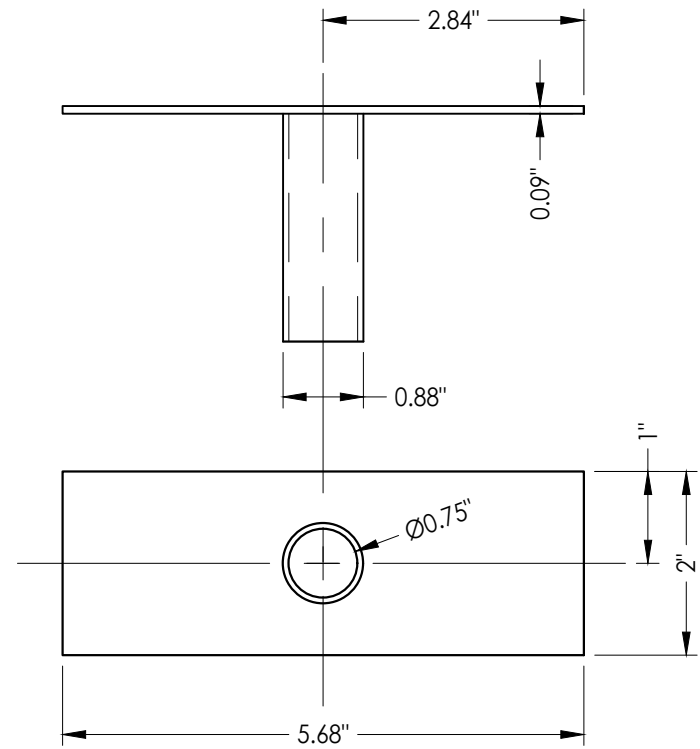
FL-41788.7

SHEET 6 OF 9

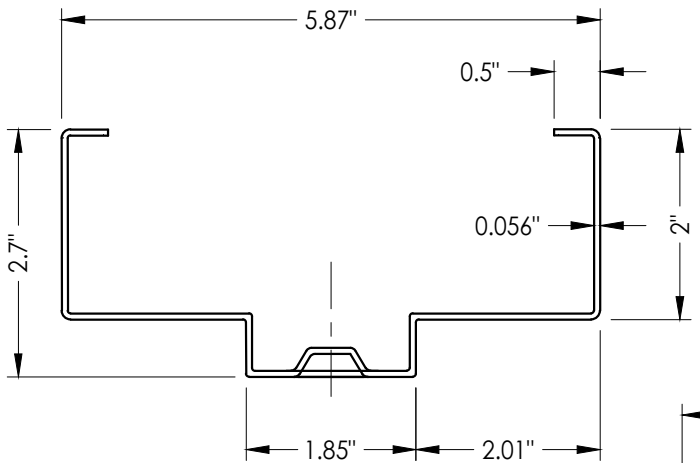
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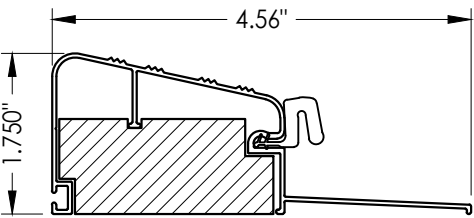
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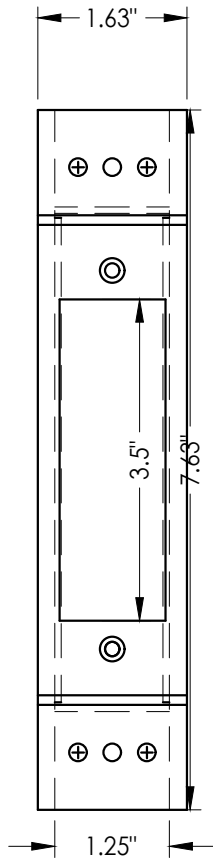
9 TUBE ANCHOR



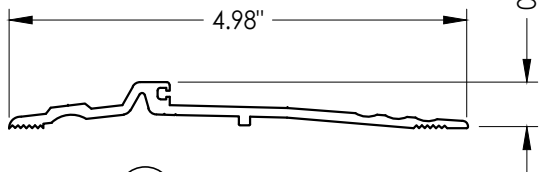
25 HOLLOW METAL FRAME



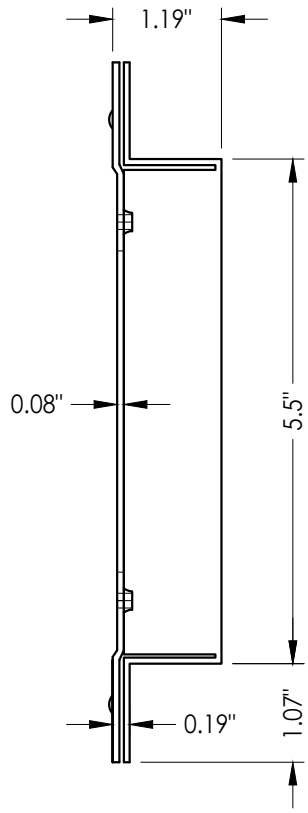
78 OUTSWING THRESHOLD



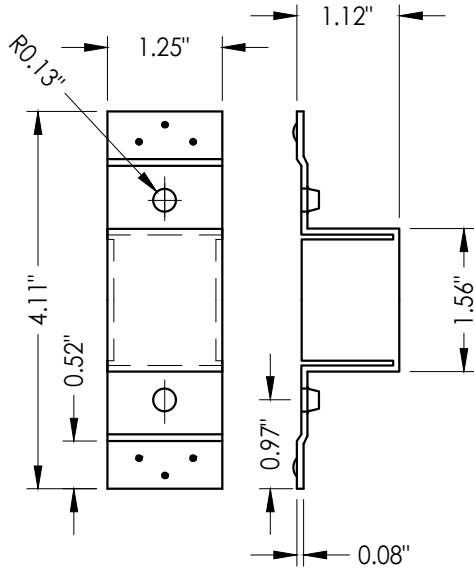
27 LATCH STRIKE REINFORCEMENT



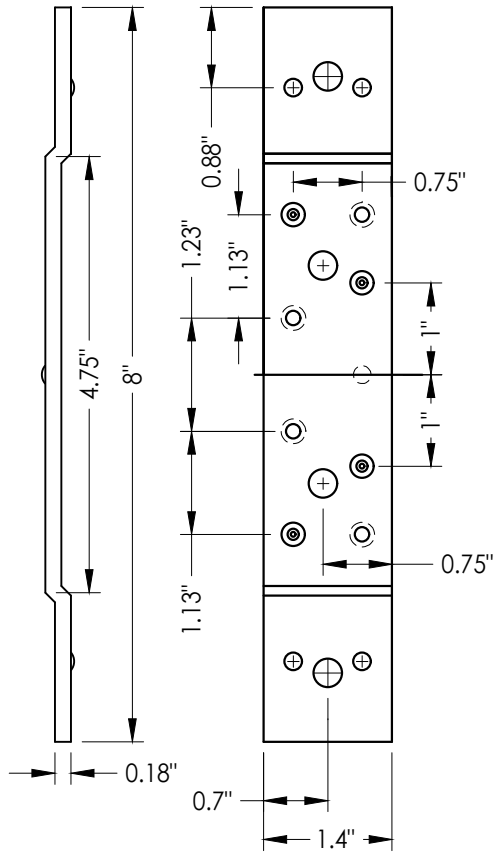
40 THRESHOLD



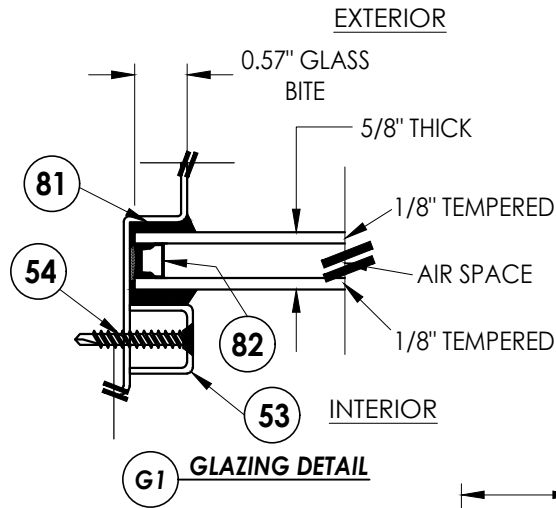
5 LOCK BOX REINFORCEMENT



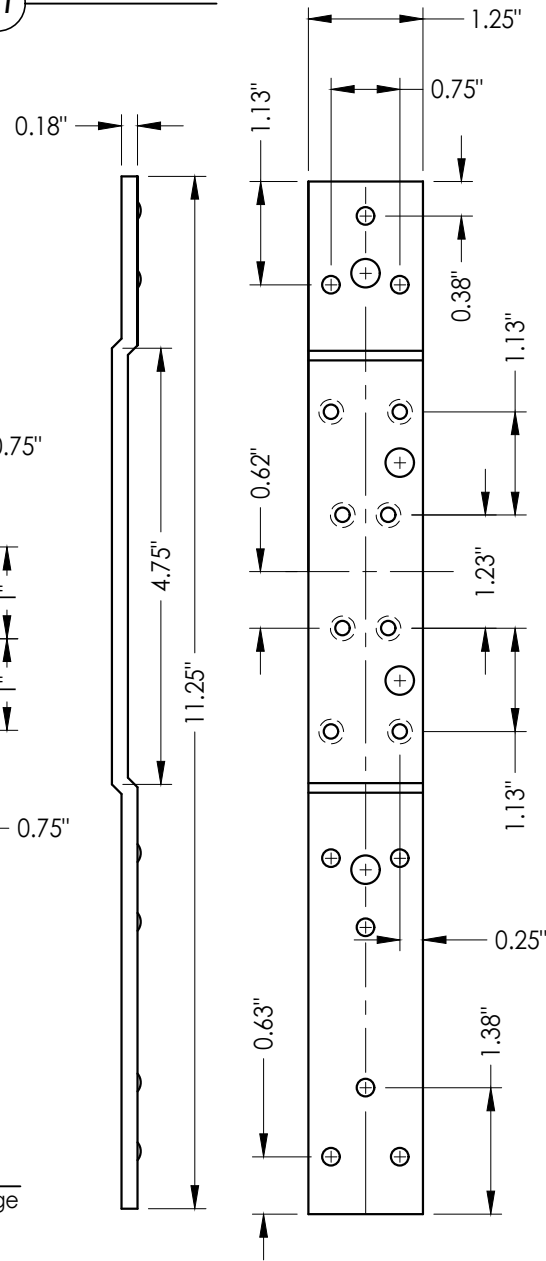
19 DEADBOLT STRIKE REINFORCEMENT



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



G1 GLAZING DETAIL



22 STANDARD (LONG) DOOR HINGE
Reinforcement top hinge

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

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

PART OR ASSEMBLY:
GLAZING DETAIL AND
COMPONENTS

DATE: 11/10/22

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:

FL-41788.7

SHEET 8 OF 9

BUILDING CONSULTANTS, INC.
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