

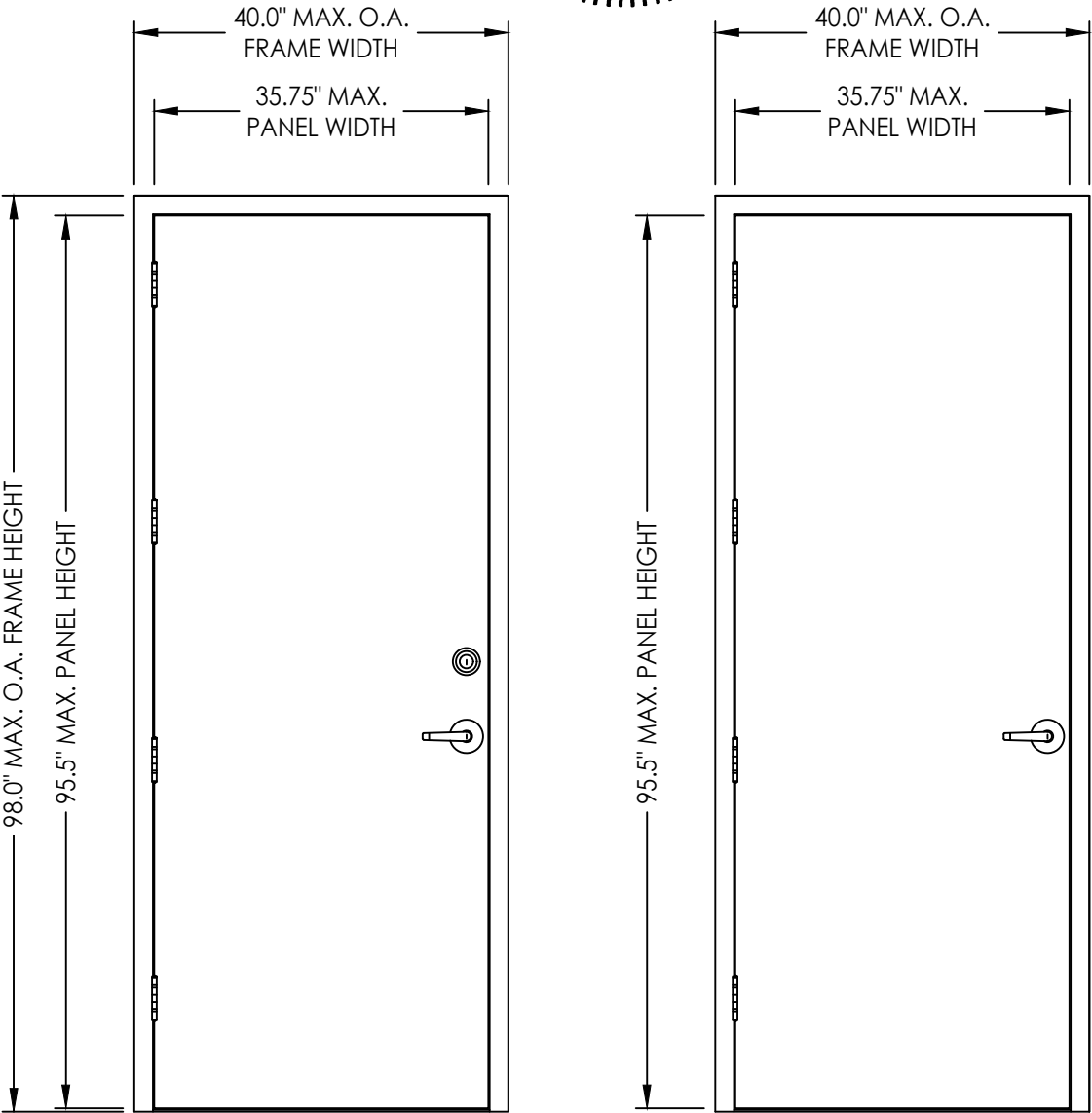


"D" SERIES
SINGLE OPAQUE DOOR
"IMPACT"
OUTSWING

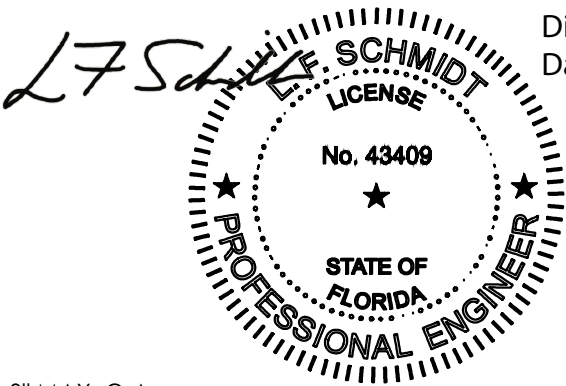
GENERAL NOTES

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 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 E1996.
4. The "D" door achieves a Class I stiffness classification per Section 8.2.2 of ANSI A250.13.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevation, design pressures & general notes
2	Door panel details
3	Horizontal cross sections
4	Horizontal cross sections
5	Horizontal cross sections
6	Vertical cross sections
7	Frame anchoring
8	Anchoring details
9	Components
10	Bill of materials and components



OVERALL FRAME DIMENSION	LOCK TYPE	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
40.0" x 98.0"	161 LATCH & DEADBOLT (DESIGN HARDWARE)	+80.0	-80.0
	161 LATCH & DEADBOLT (SCHLAGE)	+80.0	-80.0
	161 LATCH (SCHLAGE)	+55.0	-55.0



Digitally signed by Lyndon F Schmidt
Date: 2026.07.21 16:59:05 -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" PANELS "IMPACT"

DATE: 11/10/22

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-41788.10

SHEET 1 OF 10

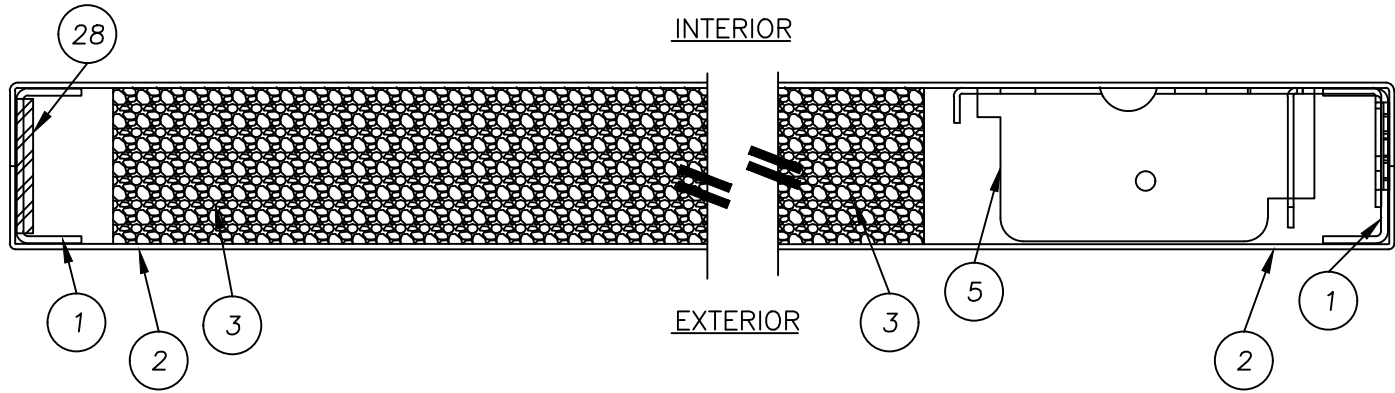
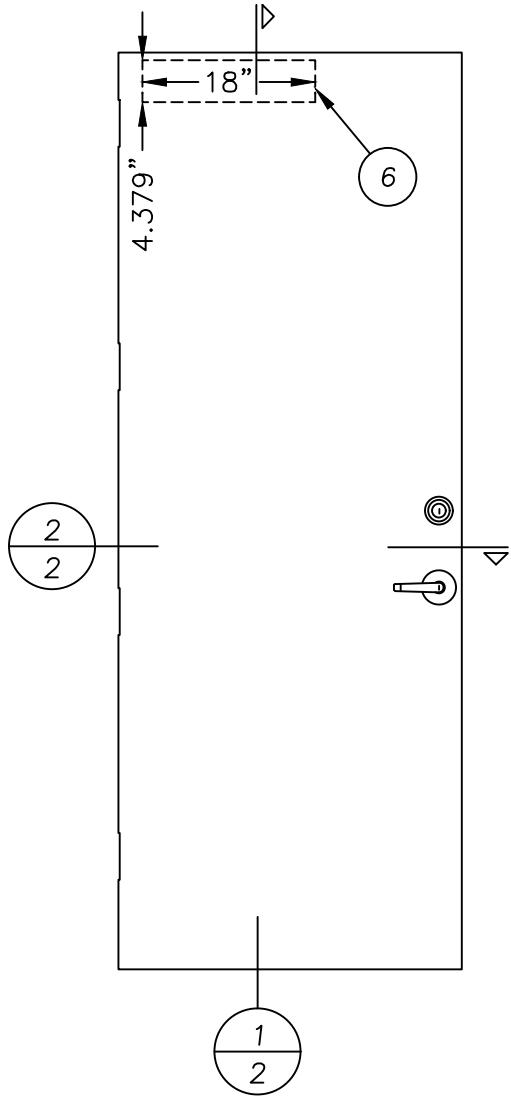
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
PREMIER PRODUCTS, INC.
"D" PANELS "IMPACT"

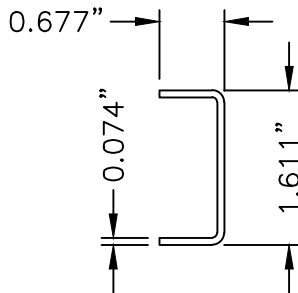
PART OR ASSEMBLY:
TYPICAL ELEVATIONS, DESIGN
PRESSURES & GENERAL NOTES

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

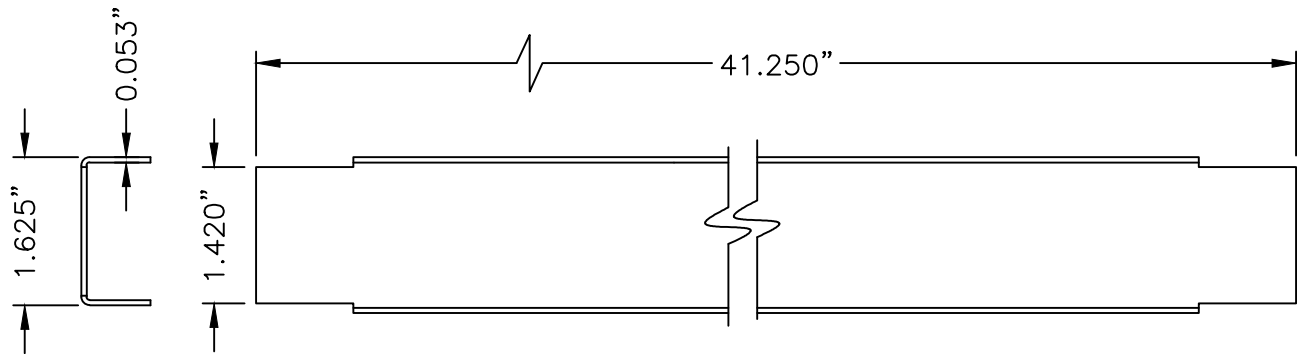
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2
2
HORIZONTAL CROSS SECTION



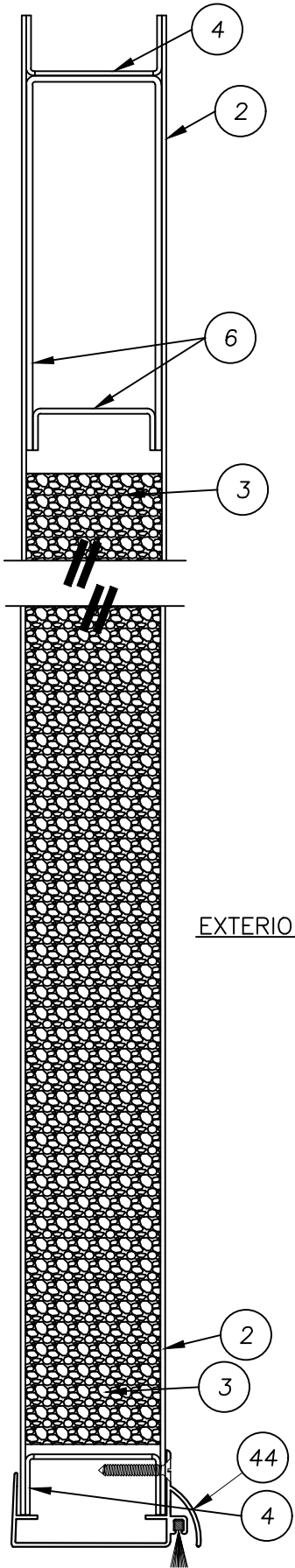
1
DOOR STILE EDGE
REINFORCEMENT



4
DOOR TOP & BOTTOM CLOSER
16GA. (.053) C.R.S.

INTERIOR

EXTERIOR



1
2
VERTICAL CROSS SECTION

Documents Prepared By:

Lyndon F. Schmidt

P.E. No. 43409

PRODUCT:

PREMIER PRODUCTS, INC.

"D" PANELS "IMPACT"

PART OR ASSEMBLY:

DOOR PANEL DETAILS

NO.

DATE

BY

2

7/02/26

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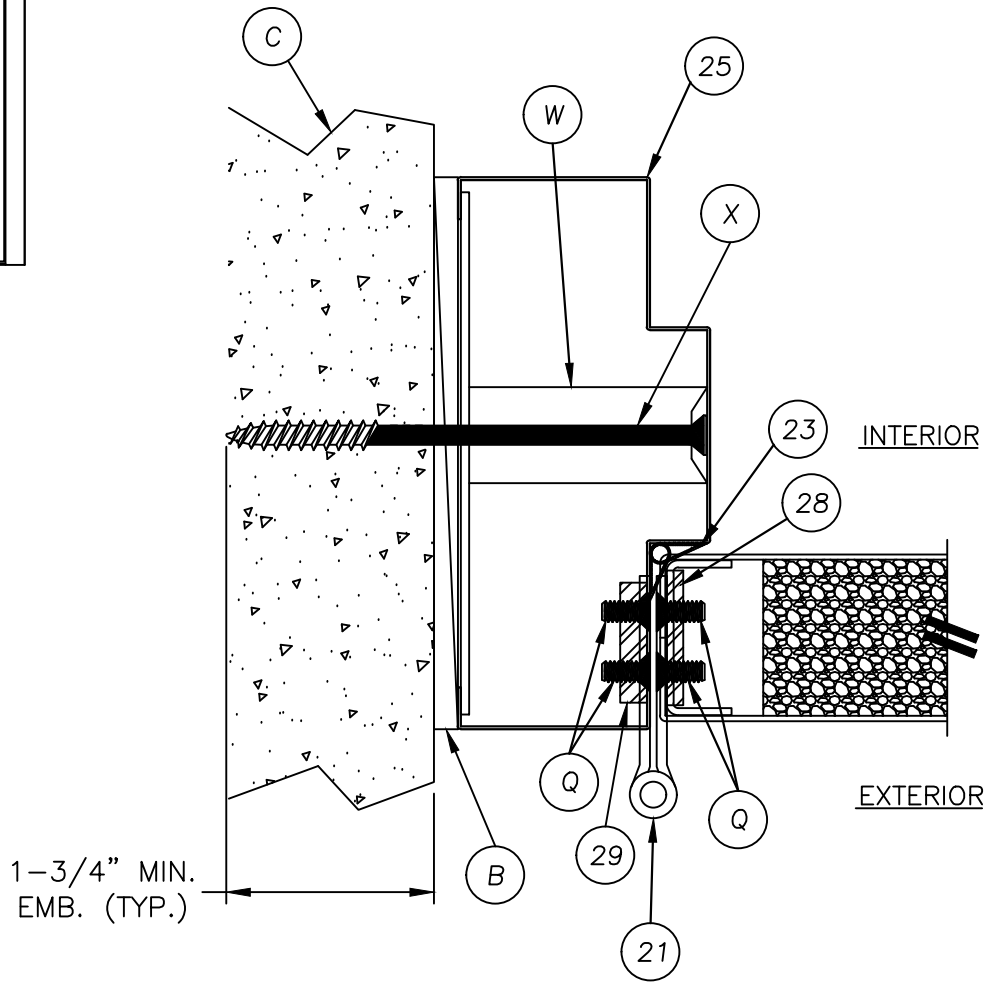
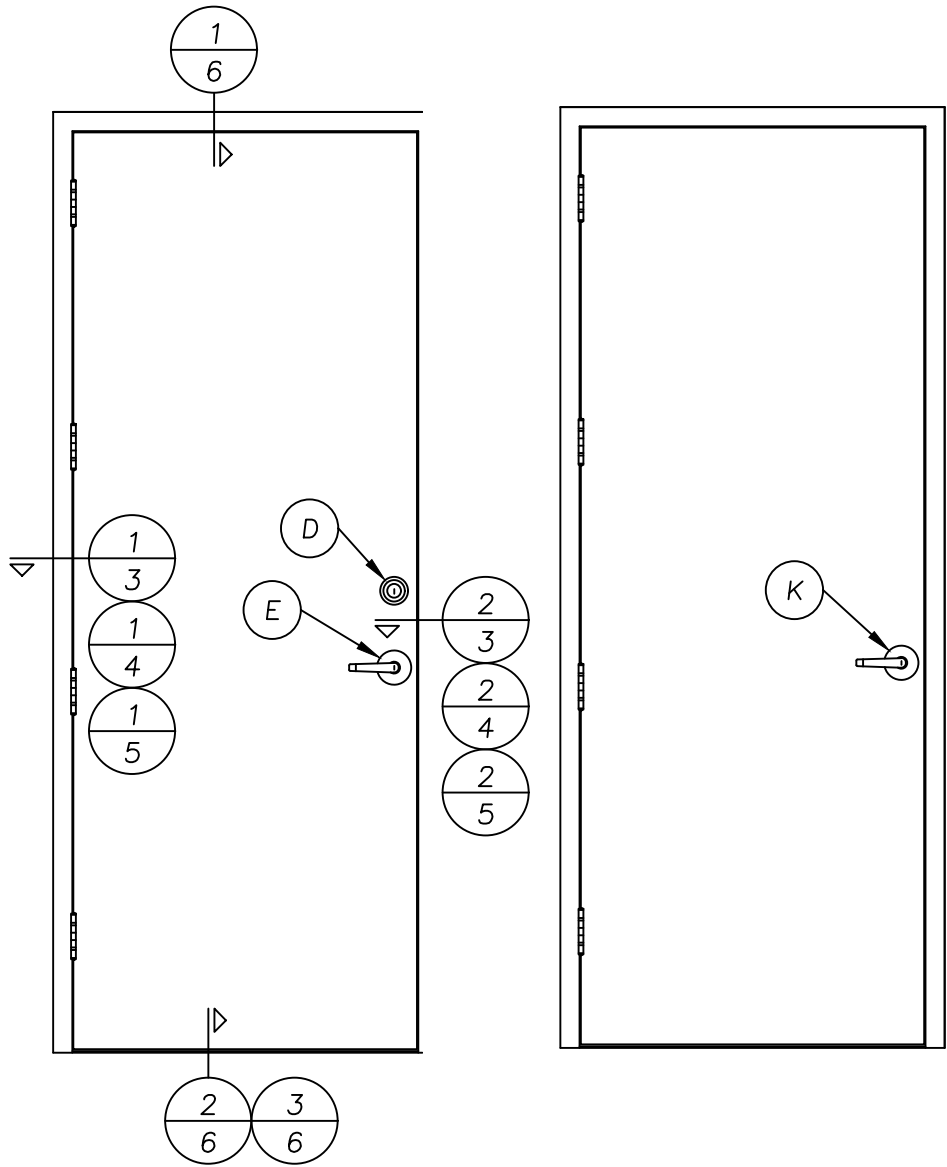
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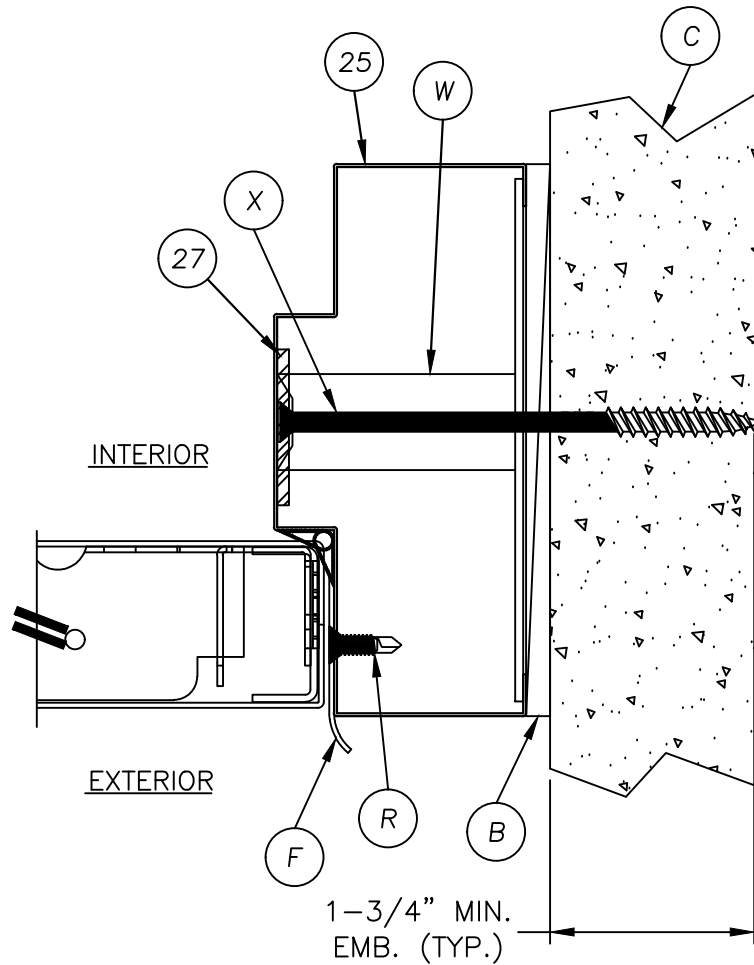
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7/02/26

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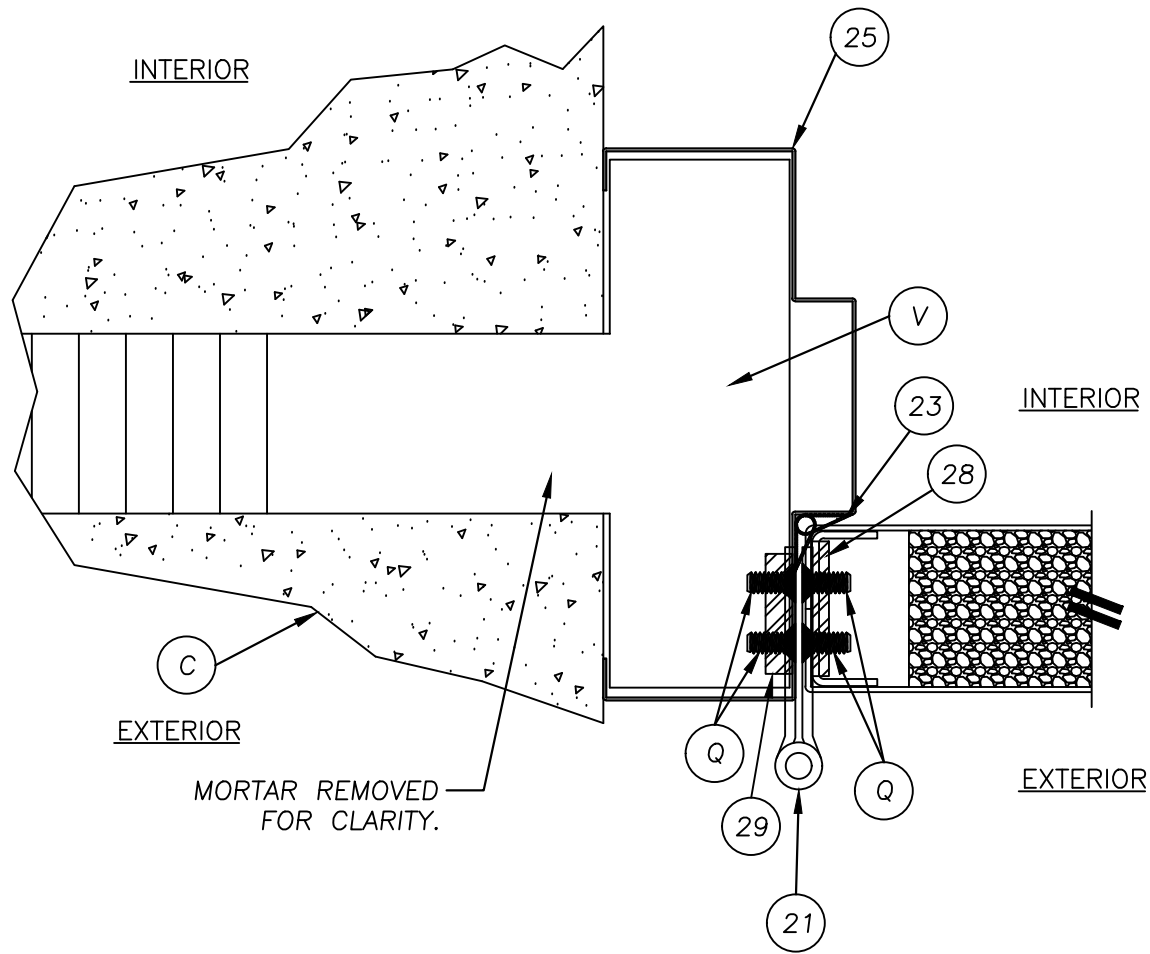
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SHOWN WITH TUBE ANCHOR



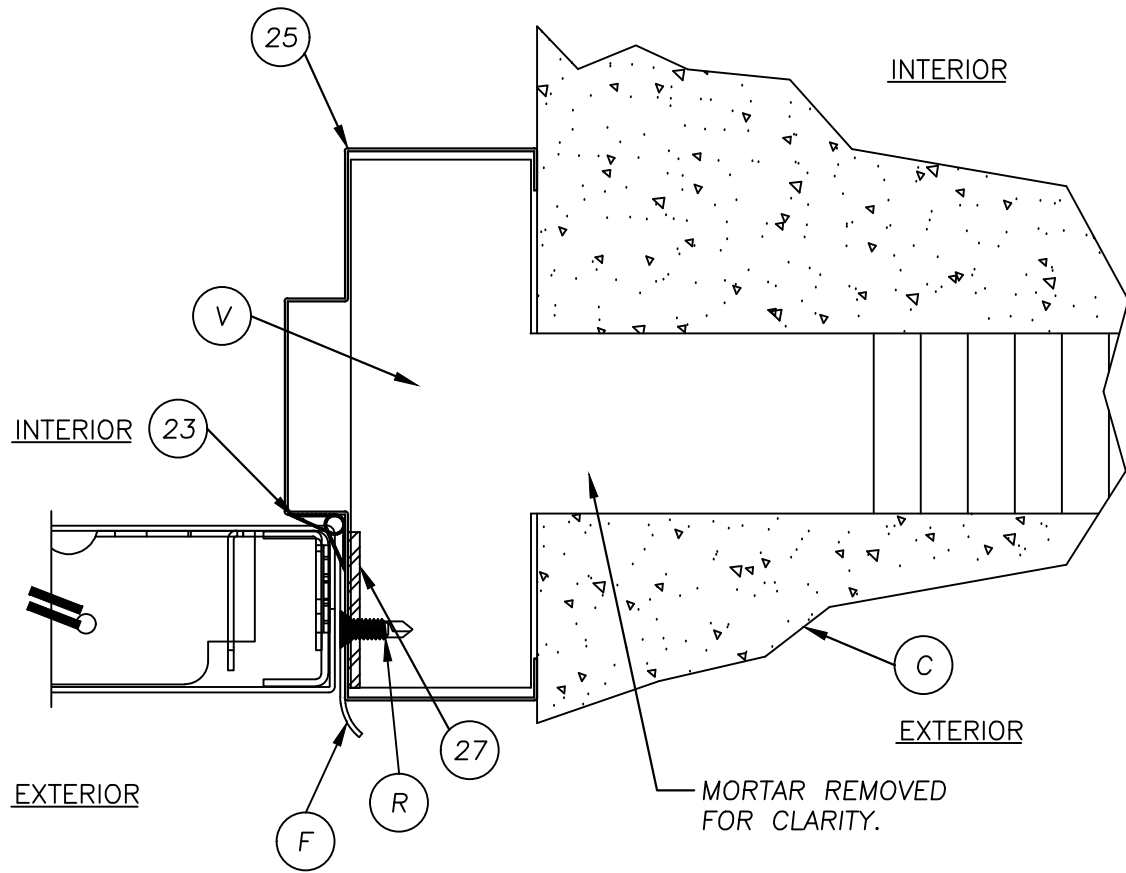
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SHOWN WITH TUBE ANCHOR

DATE: 11/10/22				SHEET 3 OF 10			
SCALE: N.T.S.				DRAWING NO.: FL-41788.10			
DWG. BY: LFS				CHK. BY: RW			
2 7/02/26 UPDATE TO 9TH ED. (2026) FBC LFS				DRAWING NO.: FL-41788.10			
1 8/21/23 UPDATE TO 8TH ED. (2023) FBC LFS				SHEET 3 OF 10			
NO. DATE				REVISIONS			
PRODUCT: PREMIER PRODUCTS, INC. "D" PANELS "IMPACT"				PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS			
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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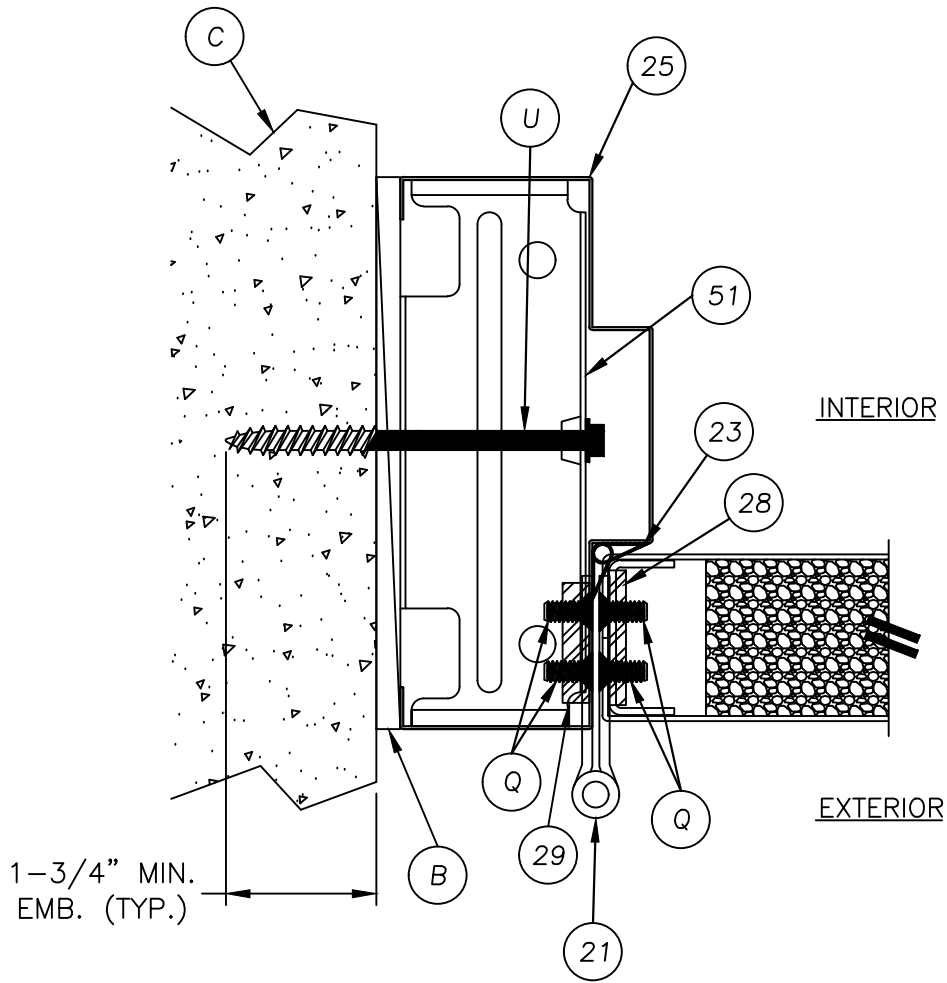
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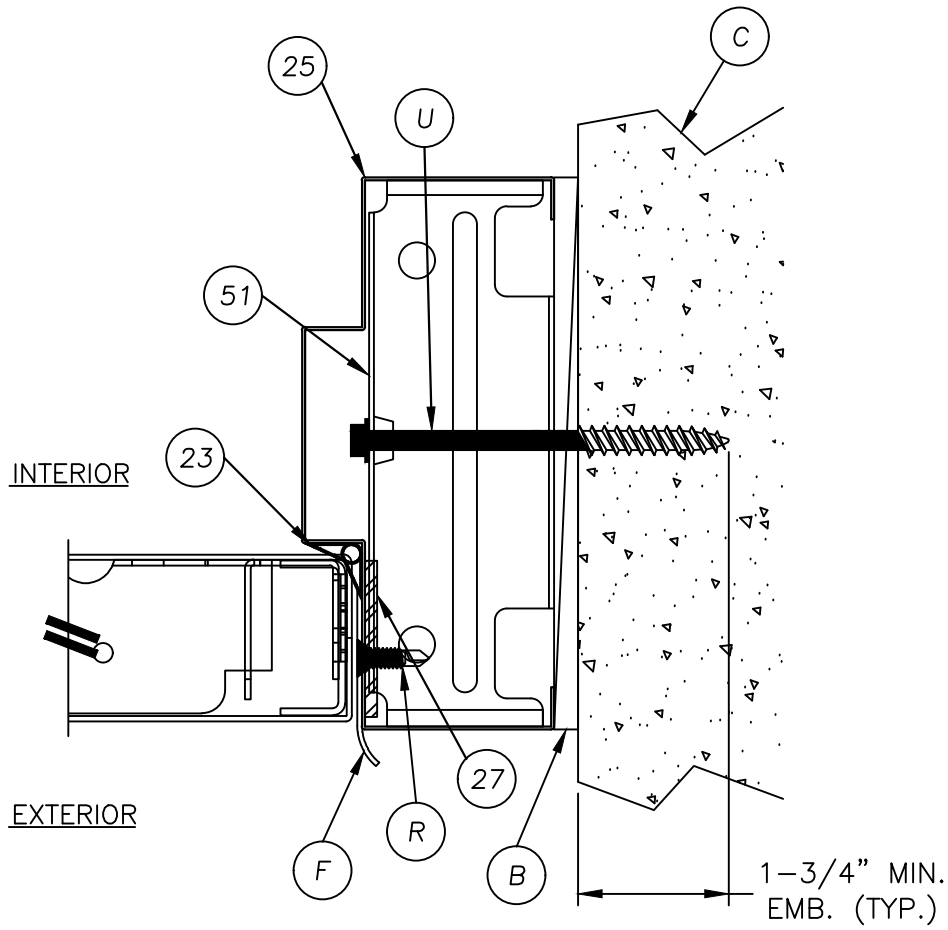
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SHOWN WITH TEE ANCHOR

DATE: 11/10/22				DOCUMENTS PREPARED BY: Lyndon F. Schmidt P.E. No. 43409			
SCALE: N.T.S.				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
DWG. BY: LFS				PREMIER PRODUCTS, INC. "D" PANELS "IMPACT"			
CHK. BY: RW				PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS			
DRAWING NO.: FL-41788.10				REVISIONS			
SHEET 4 OF 10				2 7/02/26 UPDATE TO 9TH ED. (2026) FBC LFS			
				1 8/21/23 UPDATE TO 8TH ED. (2023) FBC LFS			
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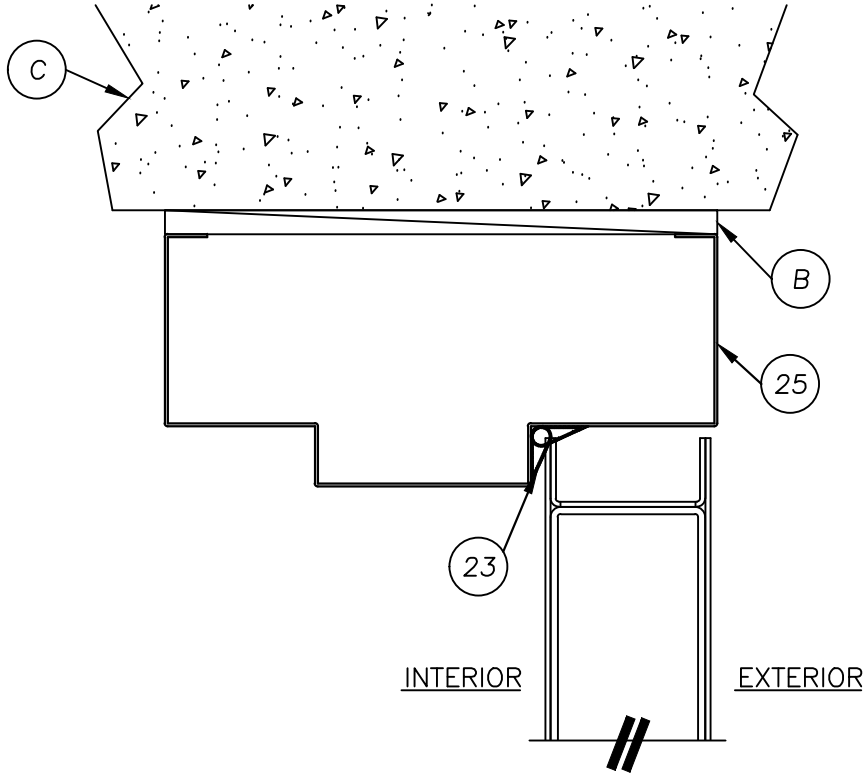
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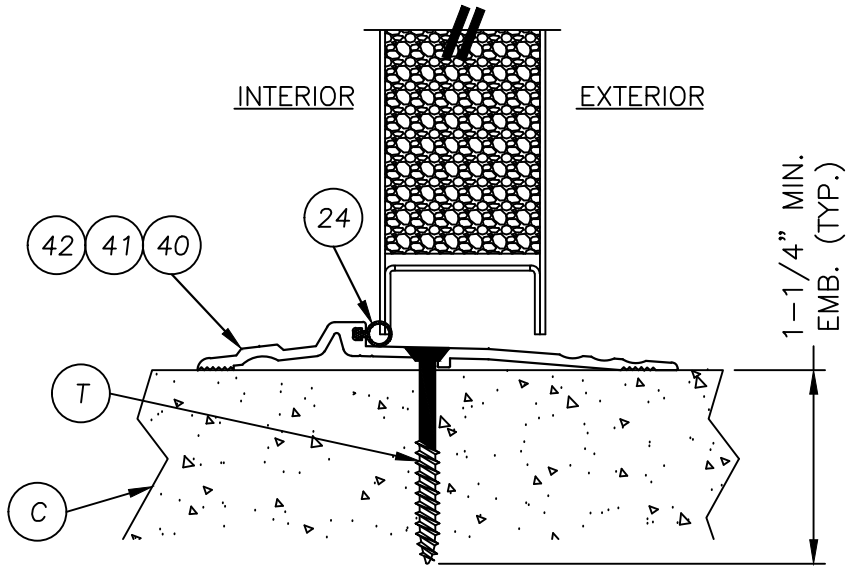
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5 @ LATCH
SHOWN WITH UNIVERSAL ANCHOR

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" PANELS "IMPACT"				PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS			
				REVISIONS			
				NO.	DATE	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							
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DWG. BY: LFS							
CHK. BY: RW							
DRAWING NO.: FL-41788.10							
SHEET 5 OF 10							

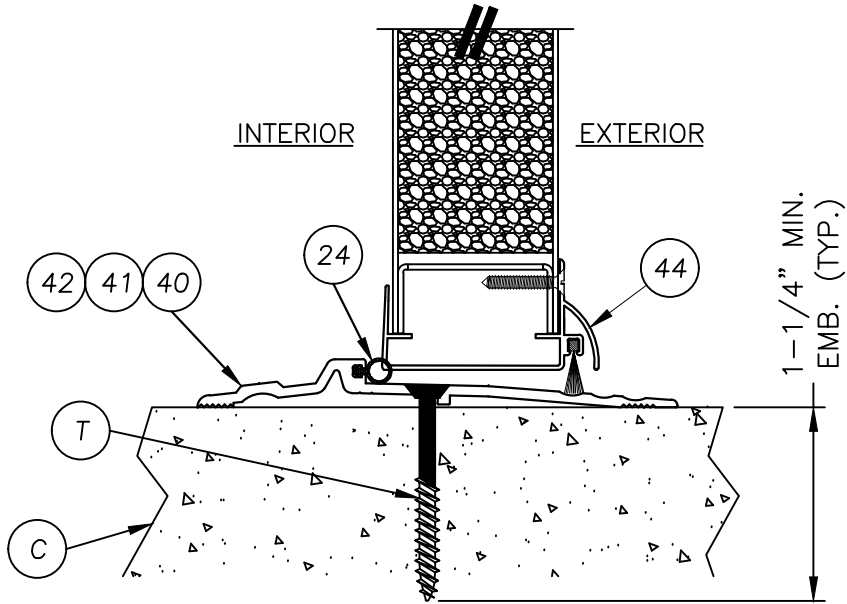
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6 VERTICAL CROSS SECTION
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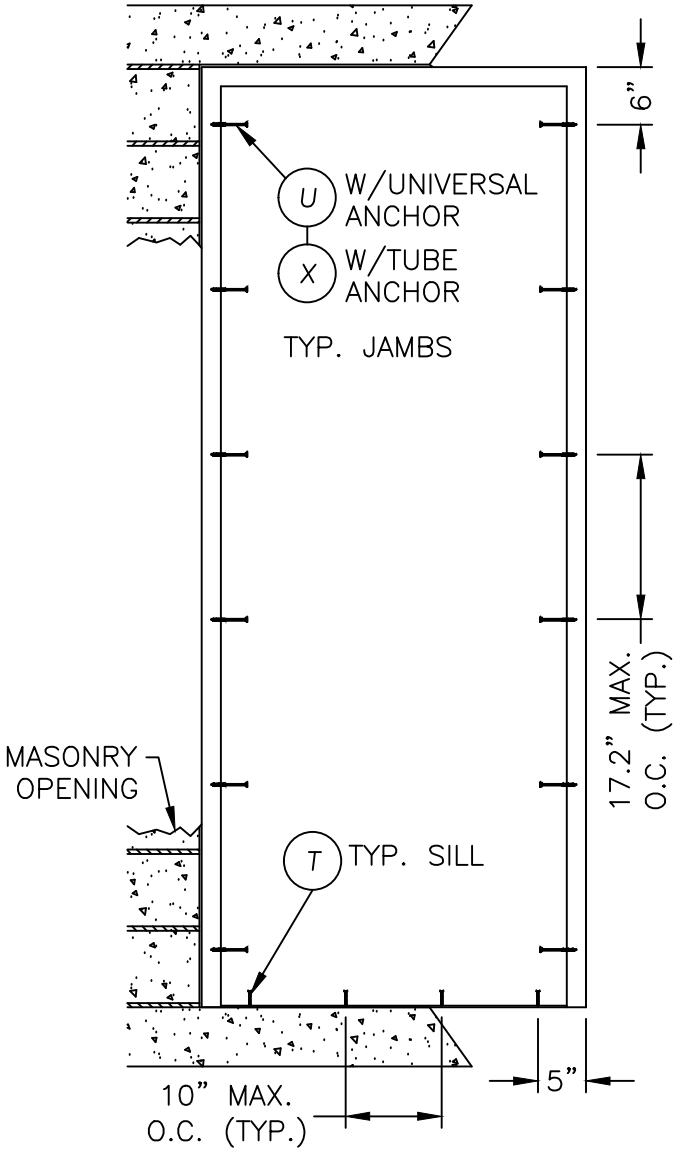
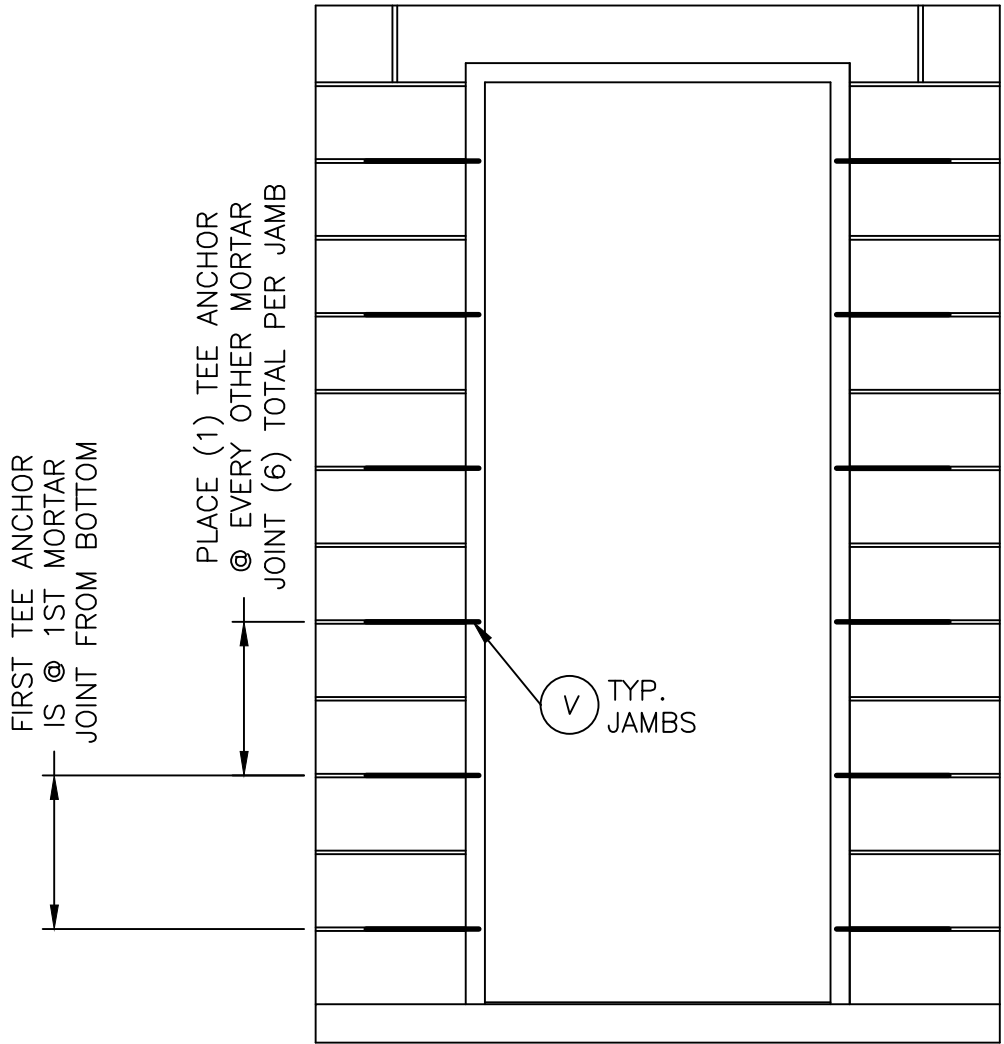
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6 VERTICAL CROSS SECTION
@ THRESHOLD



3
6 VERTICAL CROSS SECTION
@ THRESHOLD

DATE: 11/10/22				DOCUMENTS PREPARED BY: LYNDON F. SCHMIDT P.E. No. 43409			
SCALE: N.T.S.				PRODUCT: PREMIER PRODUCTS, INC. "D" PANELS "IMPACT" PART OR ASSEMBLY: VERTICAL CROSS SECTIONS			
DWG. BY: LFS							
CHK. BY: RW							
DRAWING NO.: FL-41788.10							
SHEET 6 OF 10							
				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			

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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"	2-1/2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	2-1/2"	4"
ITW TAPCON® XL	5/16"	1-3/4"	2-1/2"	5"
DeWALT ULTRACON®	5/16"	1-3/4"	3-1/8"	5"

- Embedment may be through 1-1/4" face shell of hollow block.

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

PREMIER PRODUCTS, INC.
"D" PANELS "IMPACT"

PART OR ASSEMBLY:
FRAME
ANCHORING

DATE: 11/10/22

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-41788.10

SHEET 7 OF 10

2 7/02/26 UPDATE TO 9TH ED. (2026) FBC LFS

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

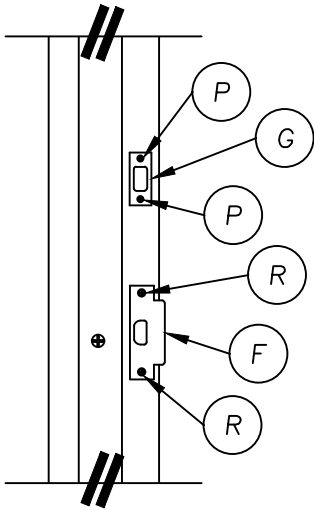
NO. DATE BY

REVISIONS

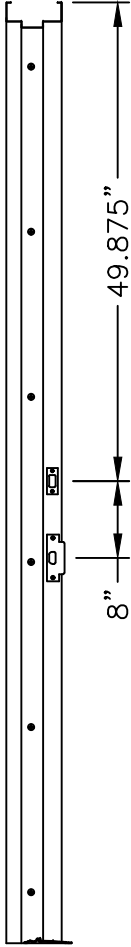
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Phone No.: 813.659.9197
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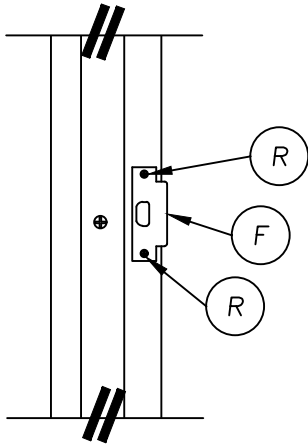
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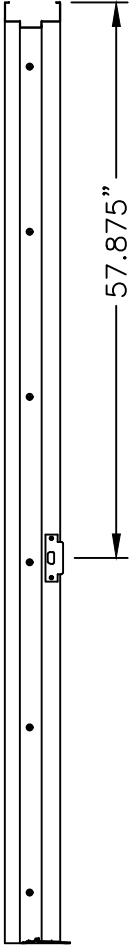
STRIKE PLATE DETAIL
ANSI STRIKE & DEADBOLT



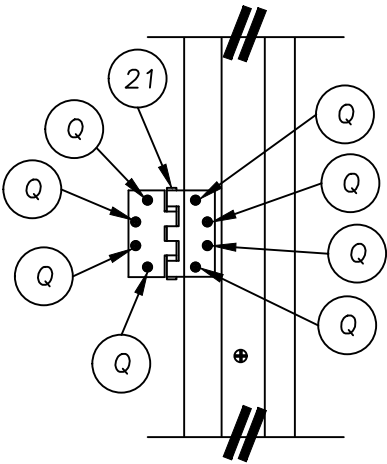
STRIKE PLATE
LOCATIONS 2" HEAD



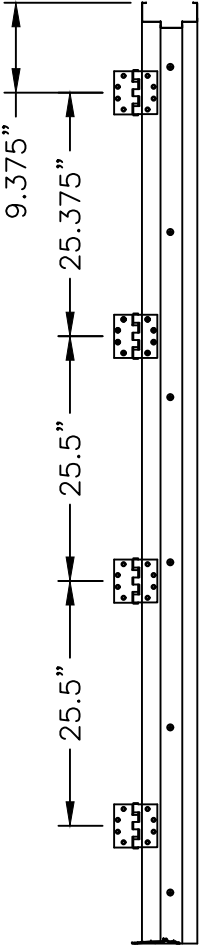
STRIKE PLATE DETAIL
ANSI STRIKE



STRIKE PLATE
LOCATION 2" HEAD



HINGE DETAIL



HINGE LOCATIONS
2" HEAD

DATE: 11/10/22
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-41788.10
SHEET 8 OF 10

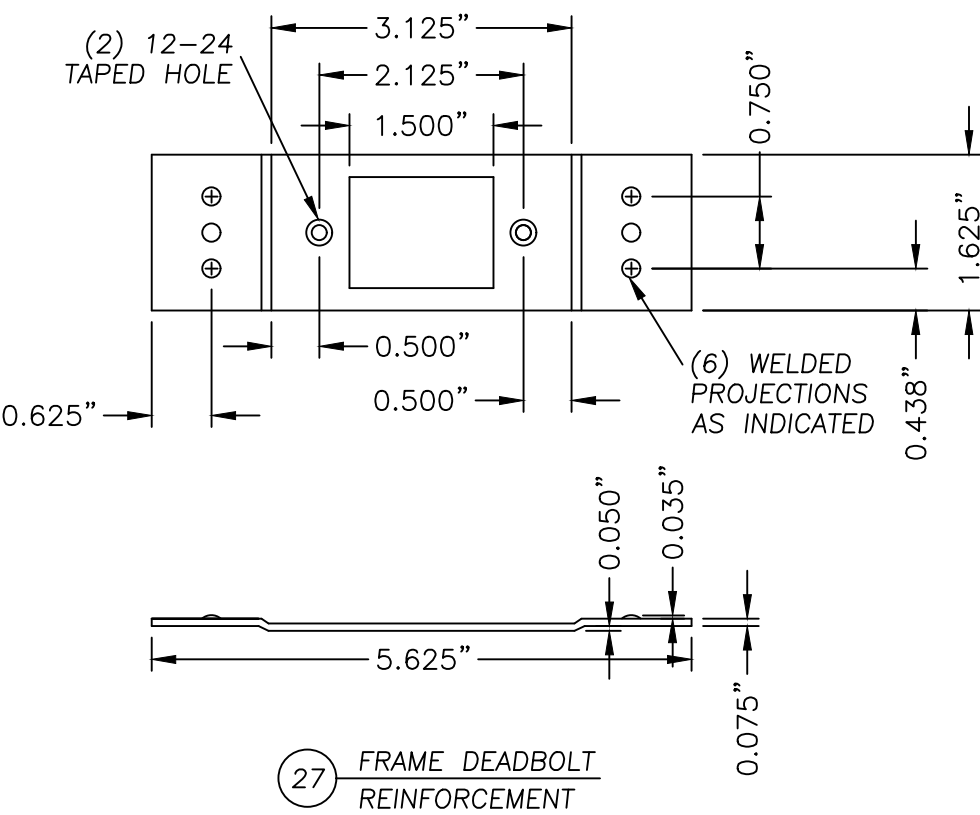
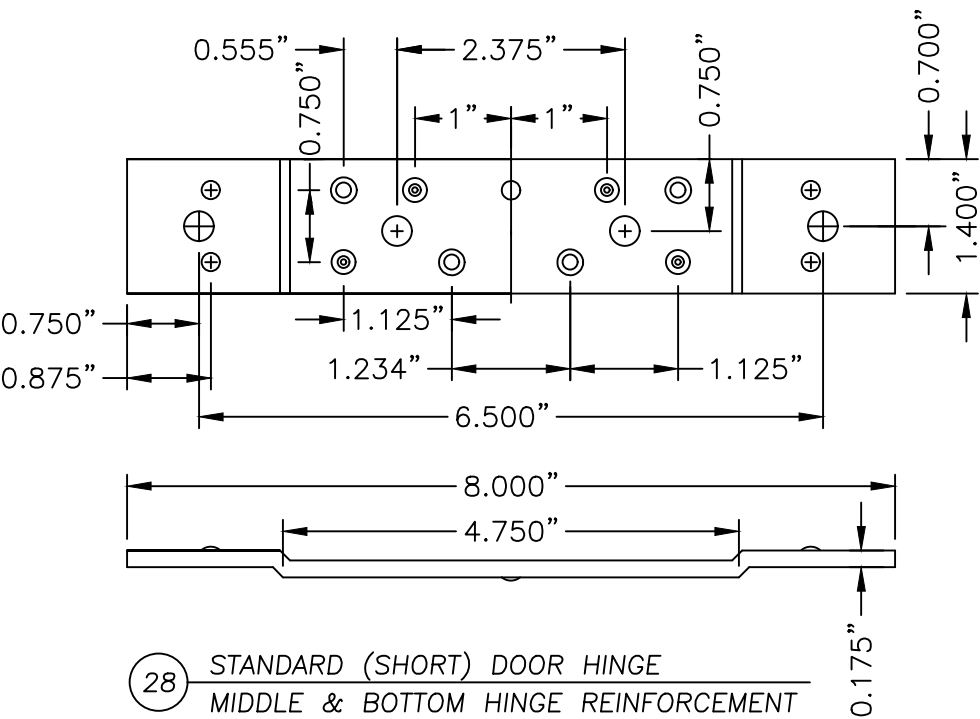
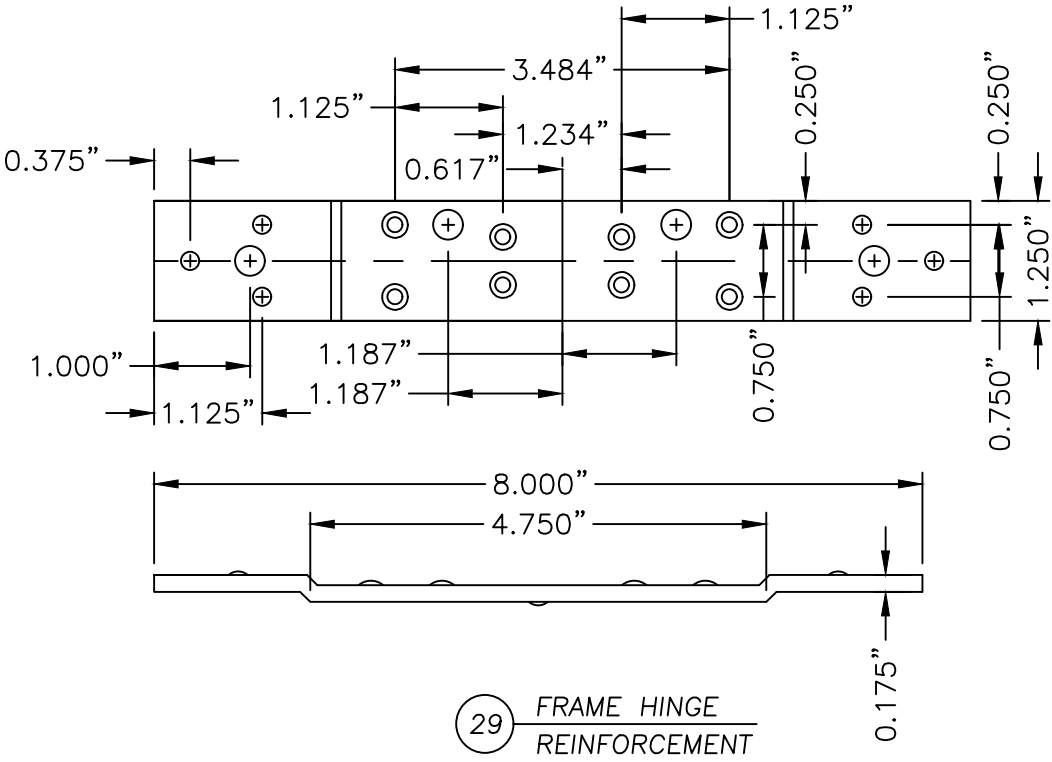
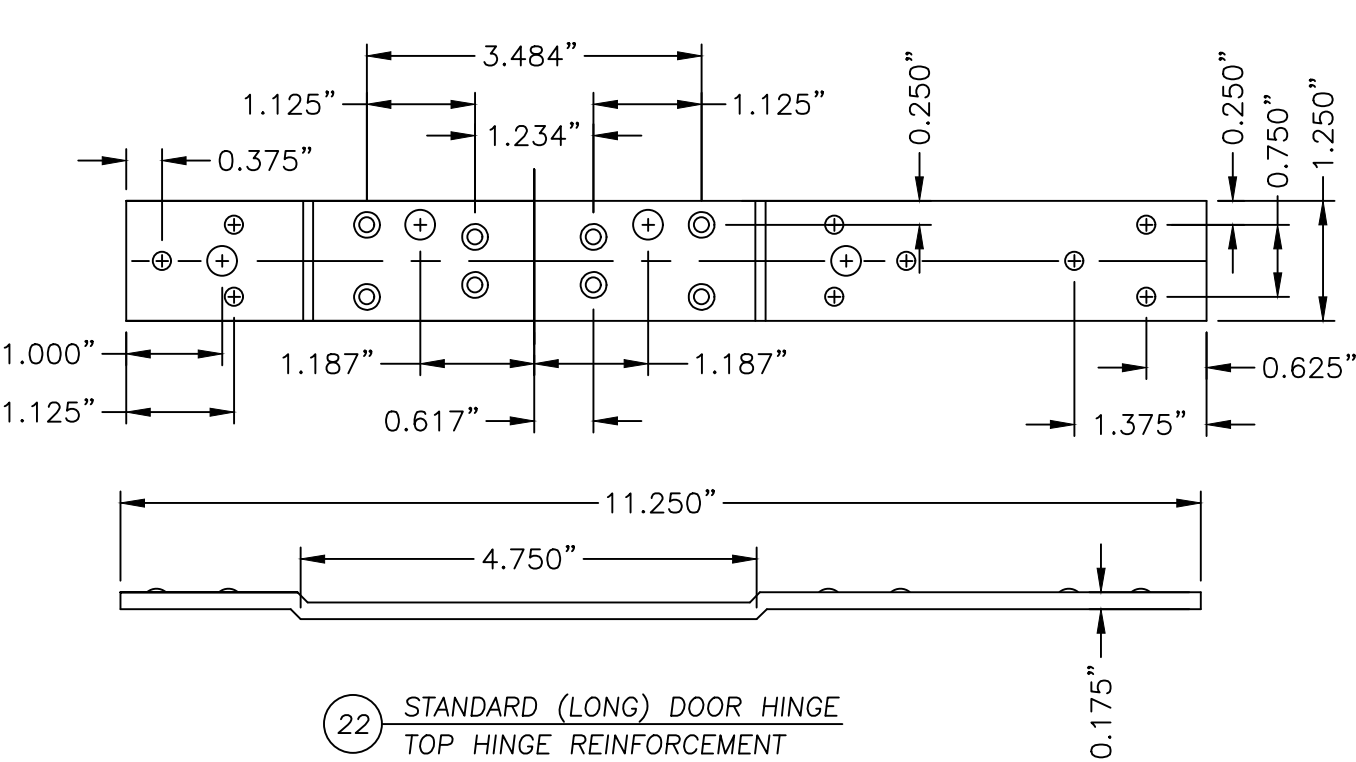
NO.	DATE	REVISIONS
2	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
1	8/21/23	UPDATE TO 8TH ED. (2023) FBC LFS
		BY

PRODUCT: PREMIER PRODUCTS, INC. "D" PANELS "IMPACT"
PART OR ASSEMBLY: ANCHORING DETAILS

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
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Documents Prepared By:

Lyndon F. Schmidt
P.E. No. 43409

PRODUCT:
PREMIER PRODUCTS, INC.
"D" PANELS "IMPACT"

PART OR ASSEMBLY:

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
		BY

DATE: 11/10/22

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-41788.10

SHEET 9 OF 10

BUILDING CONSULTANTS, INC.
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Phone No.: 813.659.9197
FBPE Registry No. 9813

