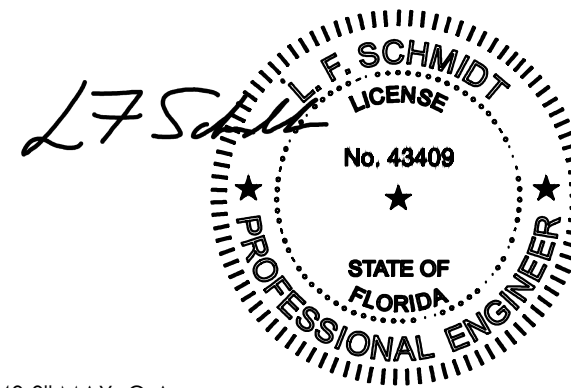


GENERAL NOTES

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 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 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
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.

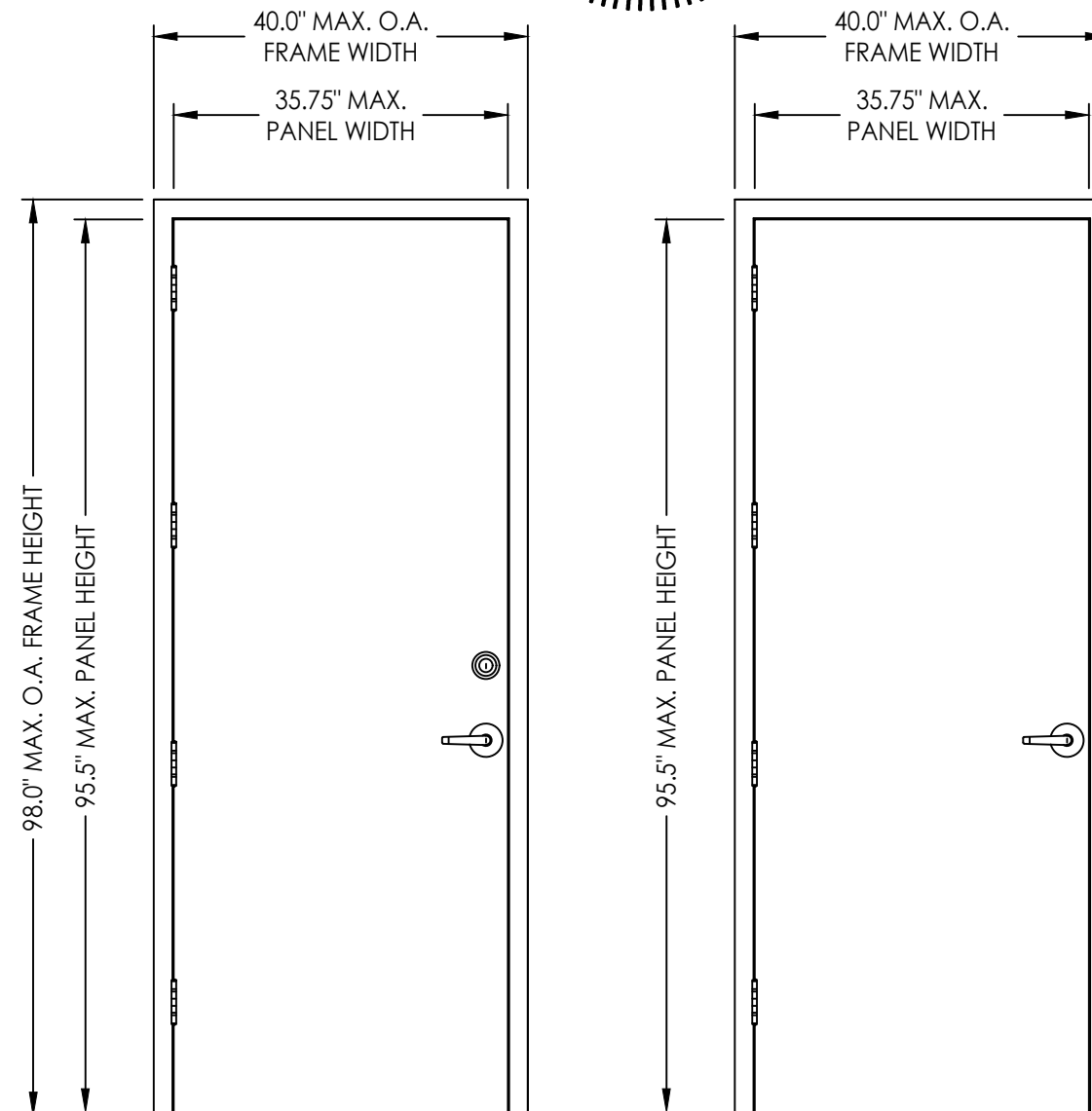
TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevation, design pressures & general notes
2	Door panel details
3	Horizontal cross sections
4	Horizontal cross sections
5	Horizontal cross sections
6	Vertical cross sections
7	Frame anchoring
8	Anchoring details
9	Components
10	Bill of materials and components



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



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

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: TYPICAL ELEVATIONS, DESIGN PRESSURES & GENERAL NOTES

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: JK

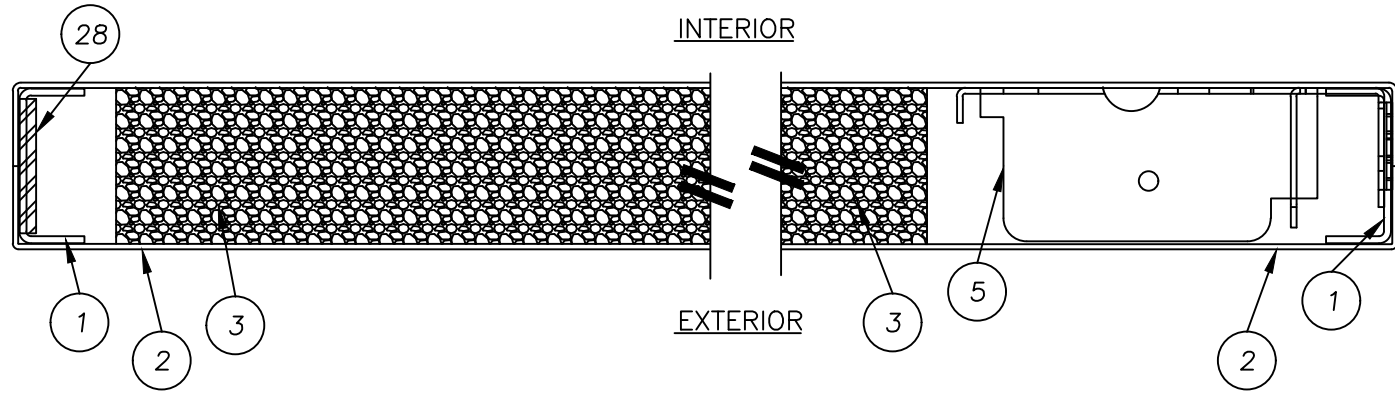
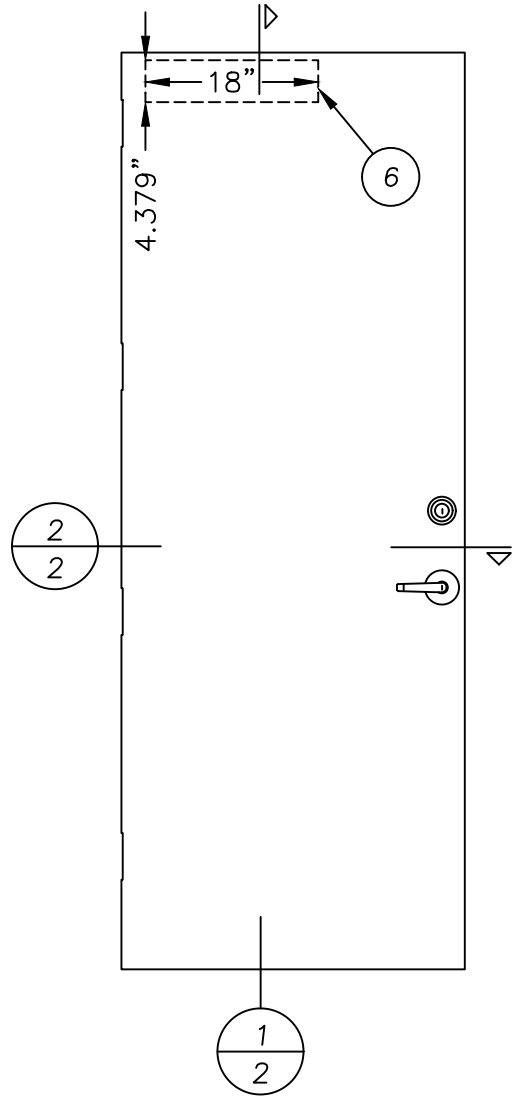
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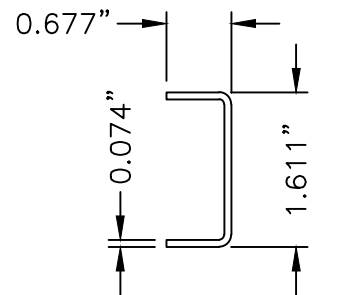
FL-41788.10

SHEET 1 OF 10

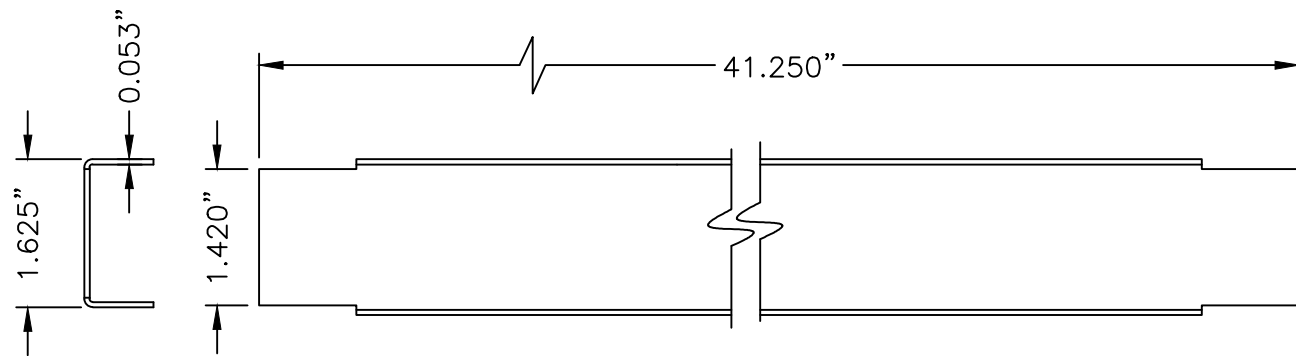
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2
2 HORIZONTAL CROSS SECTION

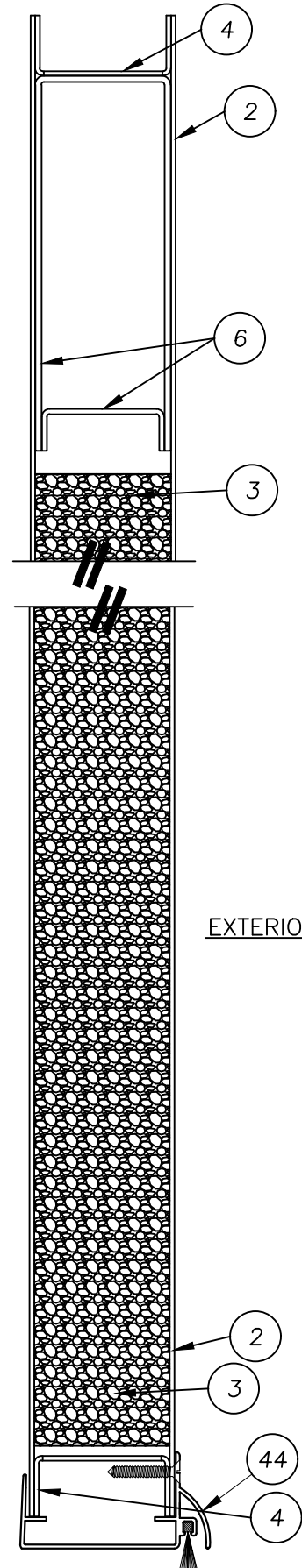


1 DOOR STILE EDGE REINFORCEMENT



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	REVISIONS		
		DATE	BY	BY
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

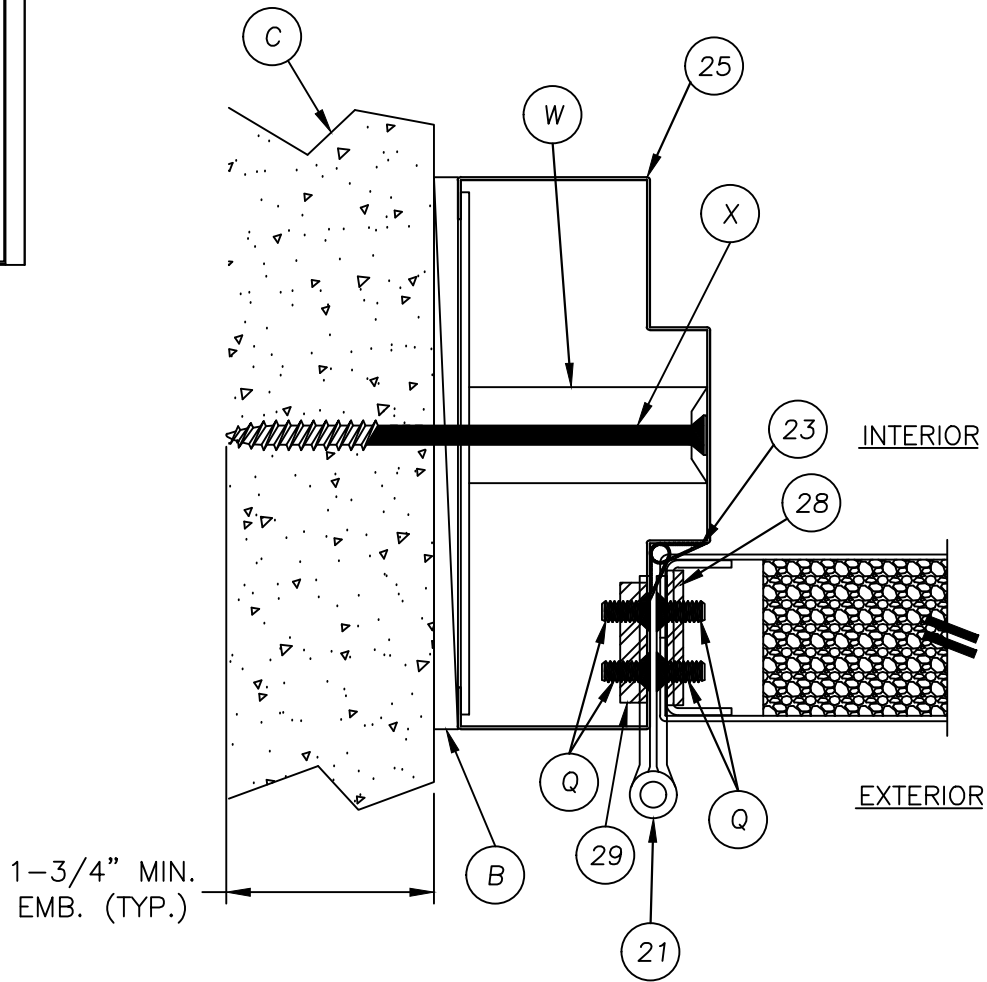
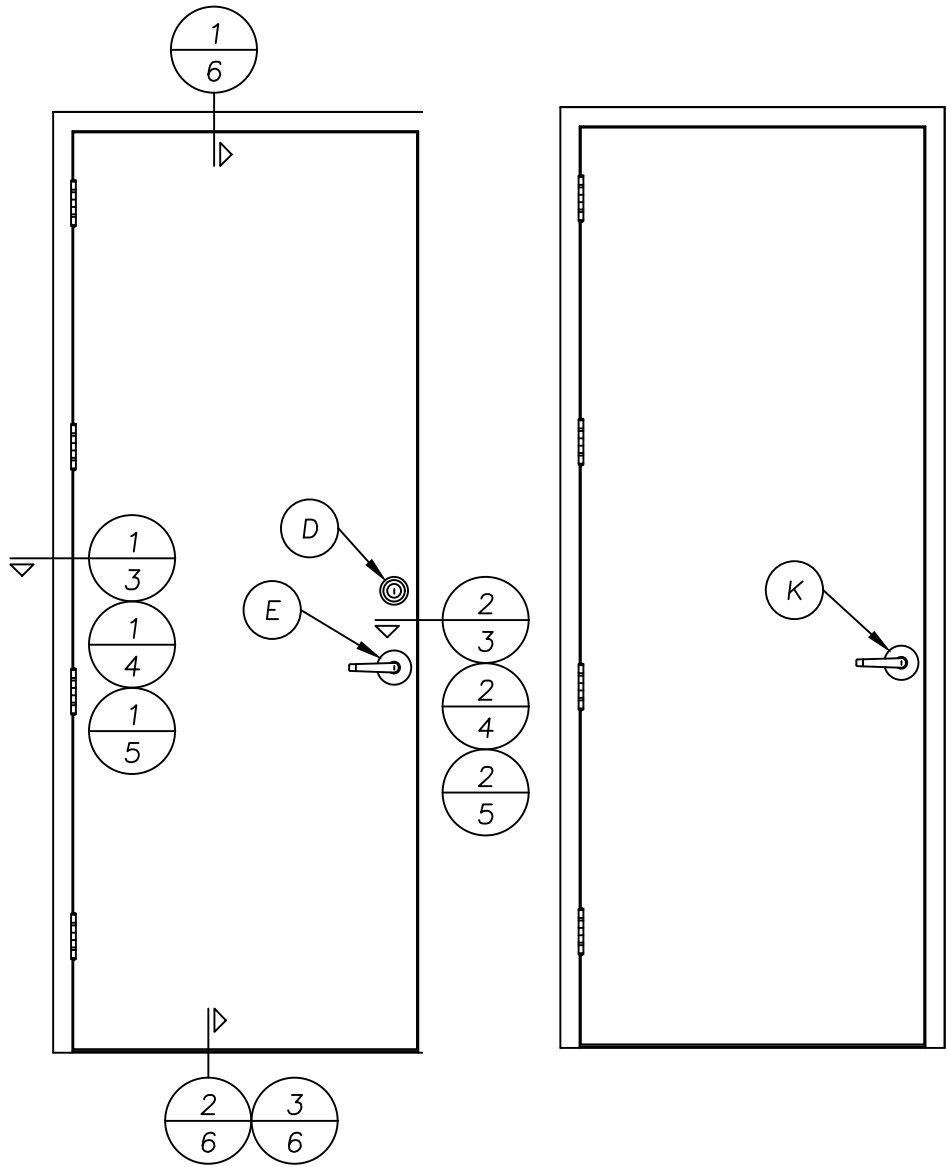
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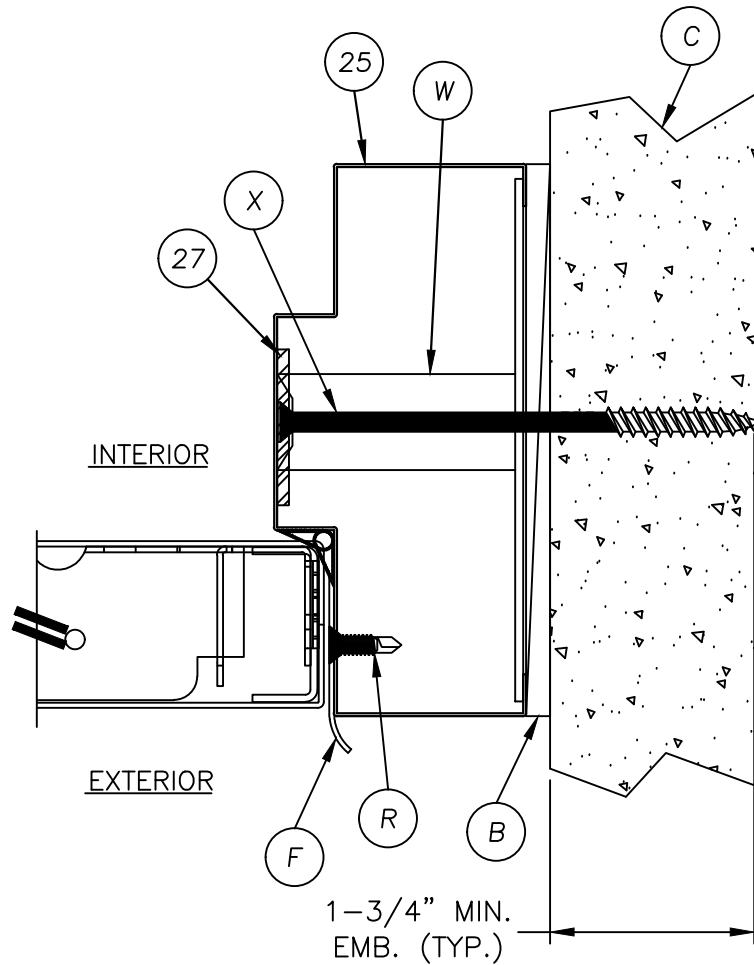
SHEET 2 OF 10

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

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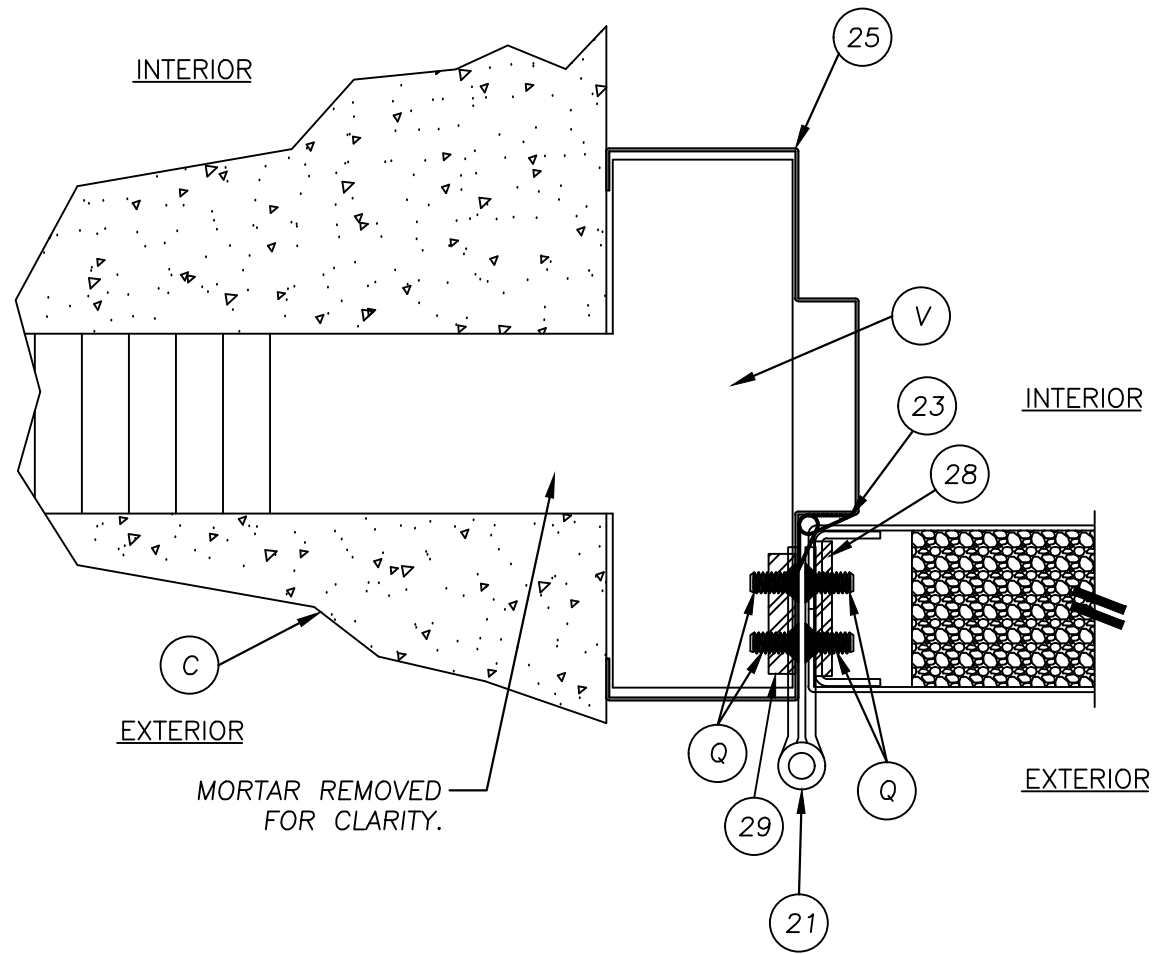
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3 @ HINGE
SHOWN WITH TUBE ANCHOR



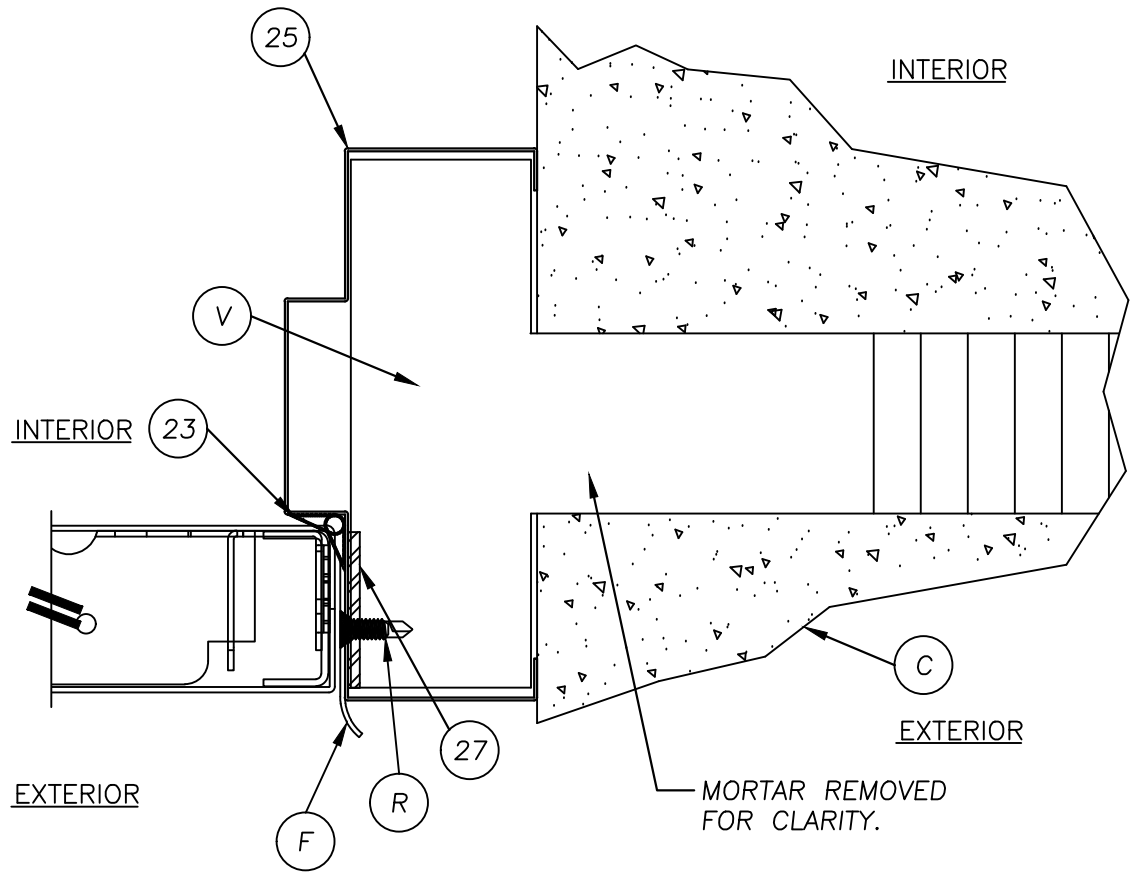
2 HORIZONTAL CROSS SECTION
3 @ HINGE
SHOWN WITH TUBE ANCHOR

DATE: 11/10/22				SHEET 3 OF 10			
SCALE: N.T.S.				DRAWING NO.: FL-41788.10			
DWG. BY: LFS				CHK. BY: RW			
NO.				DATE			
1				8/21/23			
				UPDATE TO 8TH ED. (2023)			
				FBC			
				LFS			
				BY			
				REVISIONS			
PRODUCT:				PART OR ASSEMBLY:			
PREMIER PRODUCTS, INC.				HORIZONTAL CROSS SECTIONS			
"D" PANELS "IMPACT"							
Documents Prepared By:				Building Consultants, Inc.			
Lyndon F. Schmidt				P.O. Box 230, Valrico, FL 33595			
P.E. No. 43409				Phone No.: 813.659.9197			
				FBPE Registry No. 9813			

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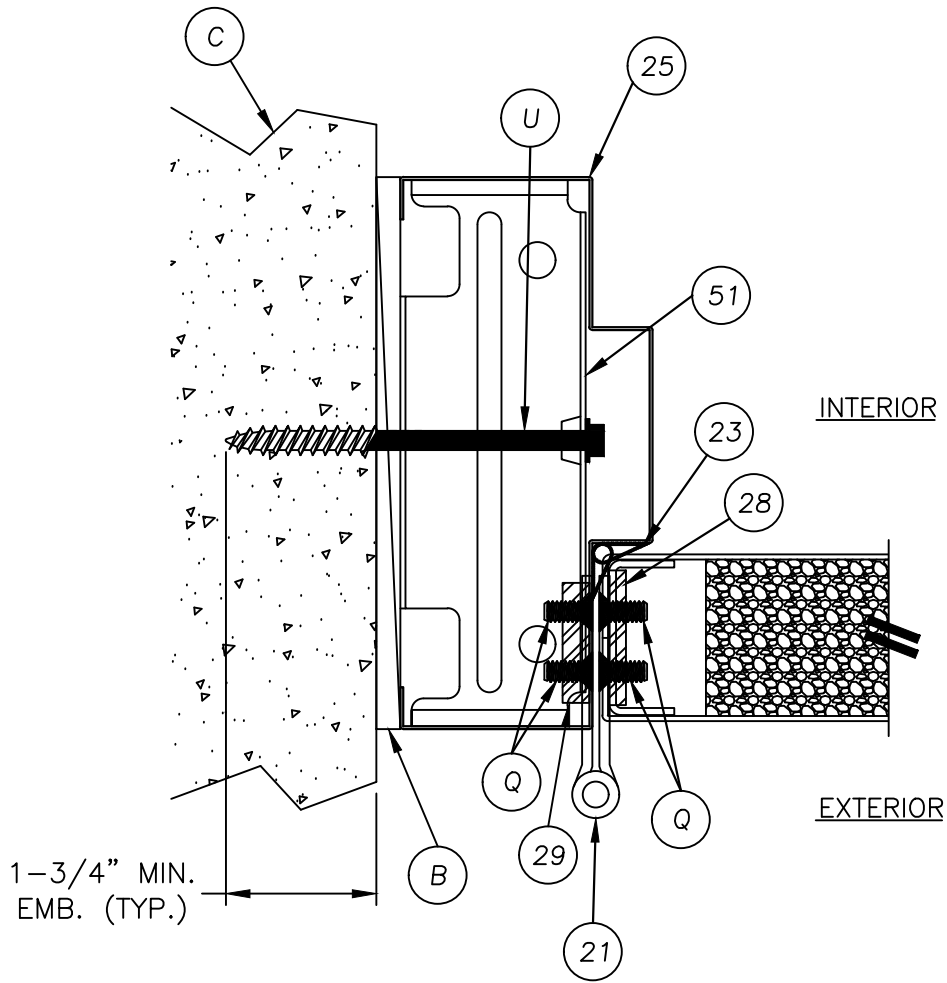
1 HORIZONTAL CROSS SECTION
4 @ LATCH
SHOWN WITH TEE ANCHOR



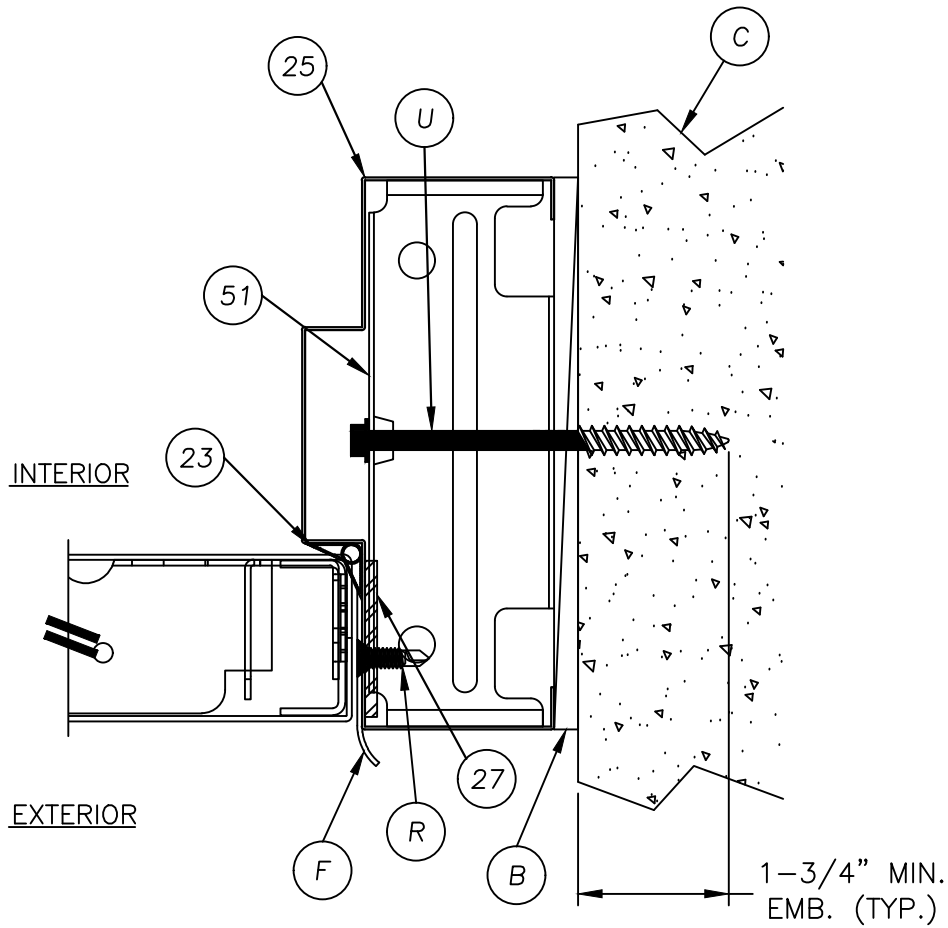
2 HORIZONTAL CROSS SECTION
4 @ LATCH
SHOWN WITH TEE ANCHOR

DATE: 11/10/22				Documents Prepared By:			
SCALE: N.T.S.				Lyndon F. Schmidt			
DWG. BY: LFS				P.E. No. 43409			
CHK. BY: RW				BUILDING CONSULTANTS, INC.			
DRAWING NO.: FL-41788.10				P.O. Box 230, Valrico, FL 33595			
SHEET 4 OF 10				Phone No.: 813.659.9197			
				FBPE Registry No. 9813			
				R.W.			
				PREMIER PRODUCTS, INC.			
				"D" PANELS "IMPACT"			
				PART OR ASSEMBLY:			
				HORIZONTAL CROSS SECTIONS			

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1 HORIZONTAL CROSS SECTION
5 @ LATCH
SHOWN WITH UNIVERSAL ANCHOR



2 HORIZONTAL CROSS SECTION
5 @ LATCH
SHOWN WITH UNIVERSAL ANCHOR

DATE: 11/10/22

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:
FL-41788.10

SHEET 5 OF 10

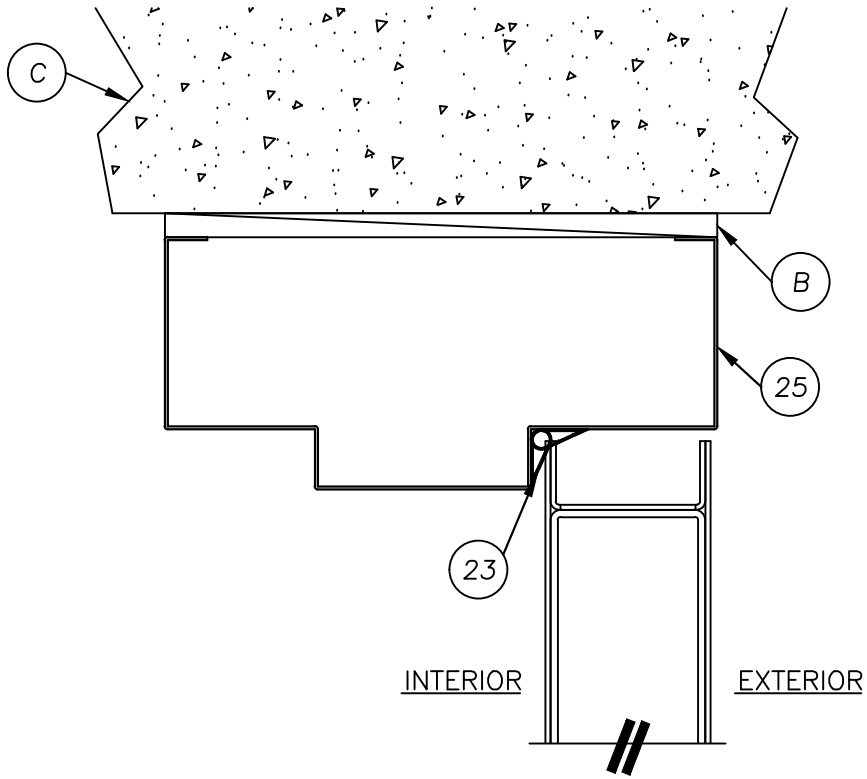
PRODUCT:
PREMIER PRODUCTS, INC.
"D" PANELS "IMPACT"

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

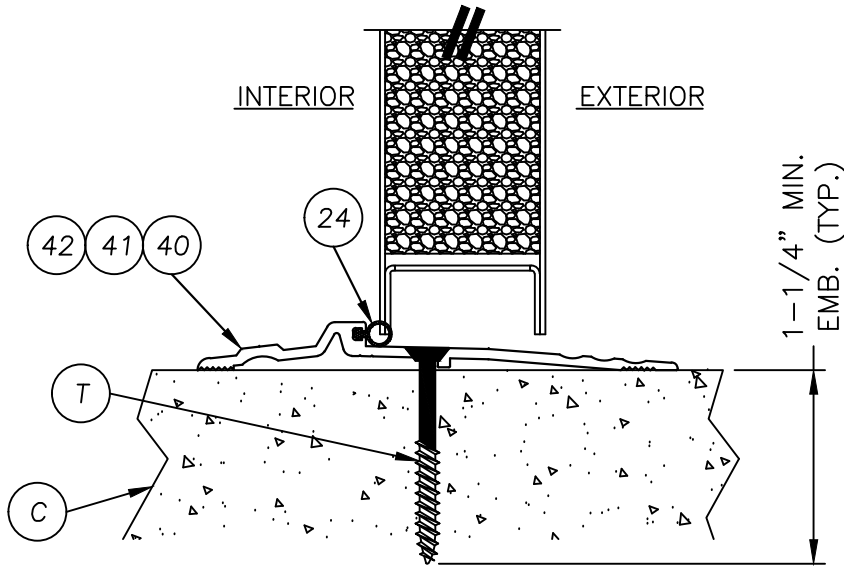
PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

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

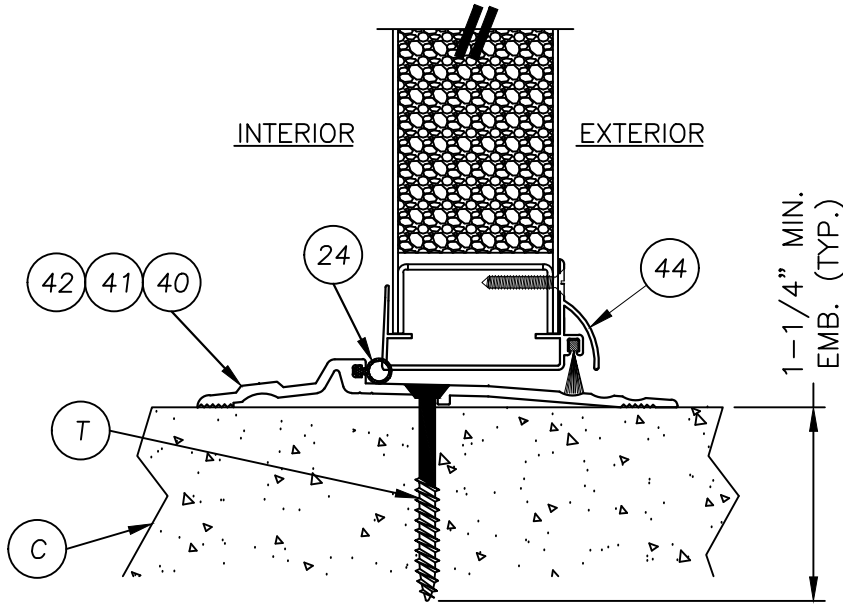
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1
6 VERTICAL CROSS SECTION
@ HEAD



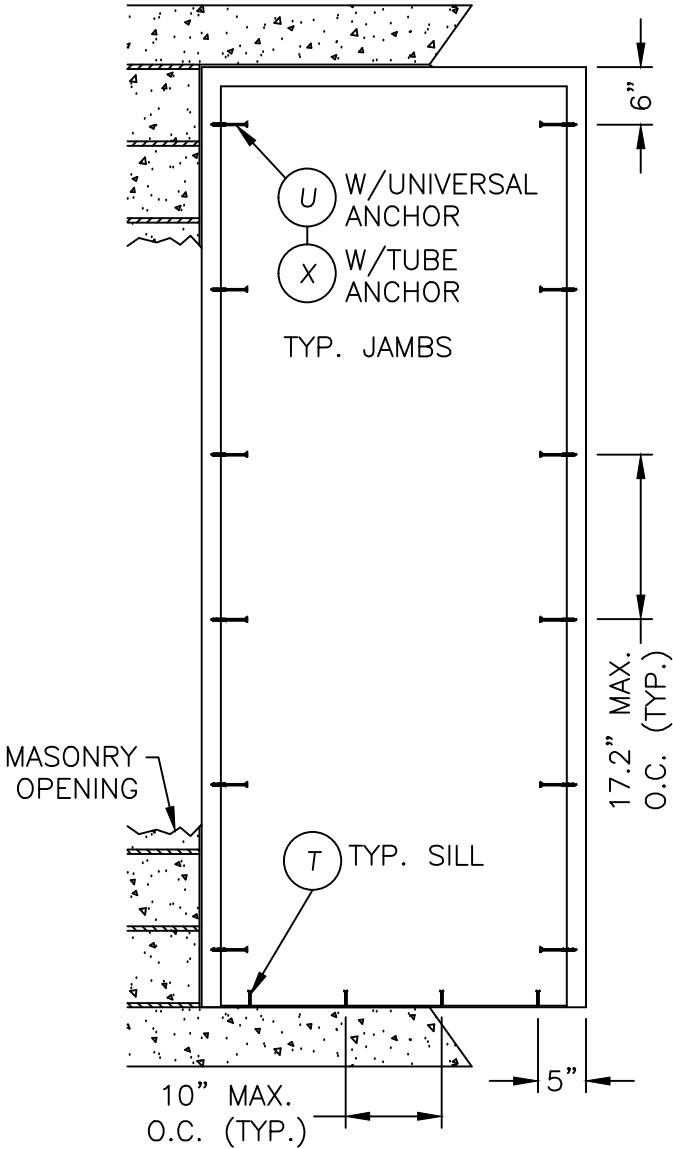
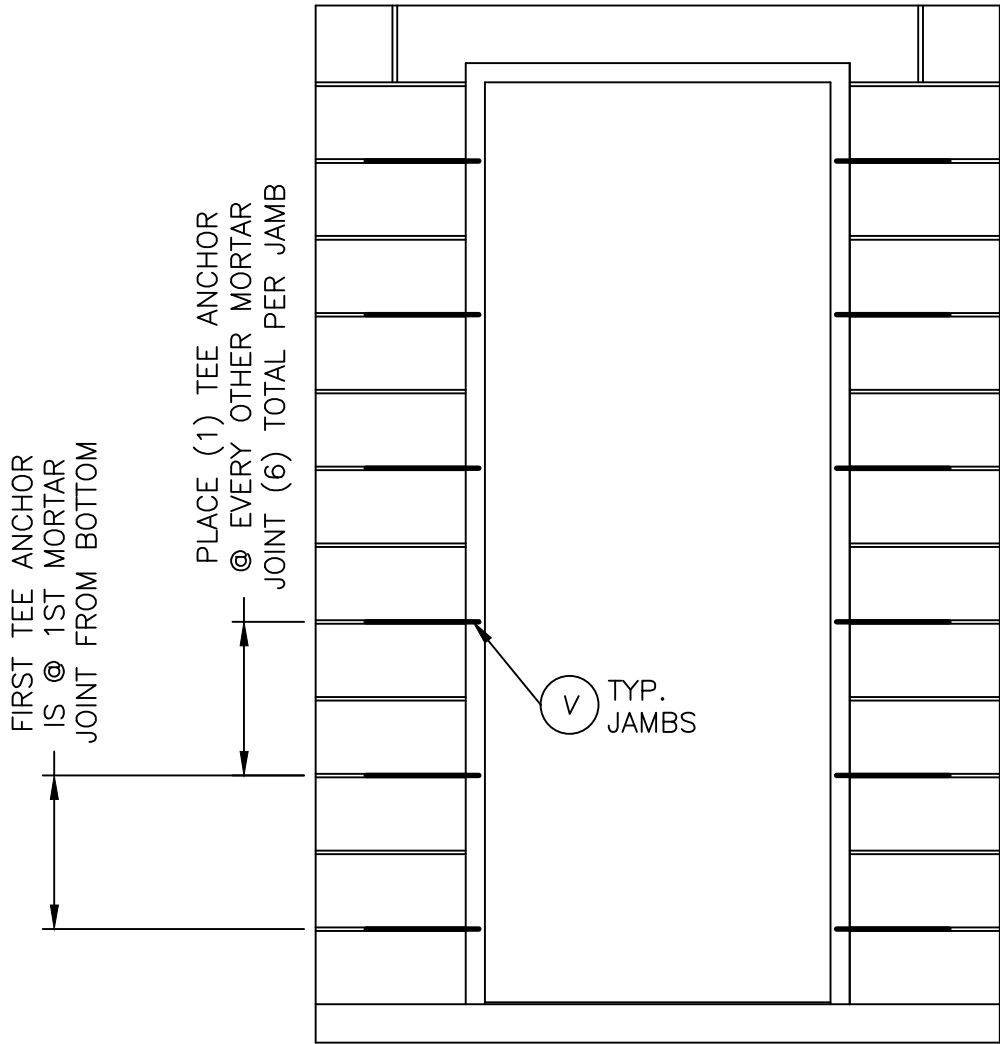
2
6 VERTICAL CROSS SECTION
@ THRESHOLD



3
6 VERTICAL CROSS SECTION
@ THRESHOLD

DATE: 11/10/22			PRODUCT:			Documents Prepared By:		
SCALE: N.T.S.						Lyndon F. Schmidt		
DWG. BY: LFS						P.E. No. 43409		
CHK. BY: RW						</		

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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

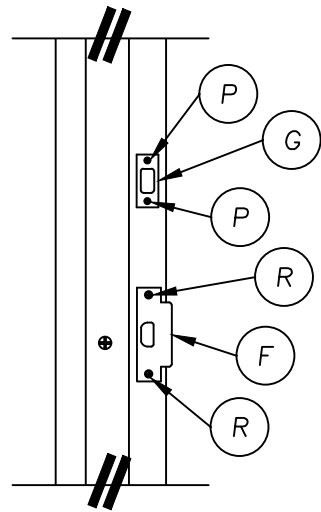
REVISIONS

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

LFS BY

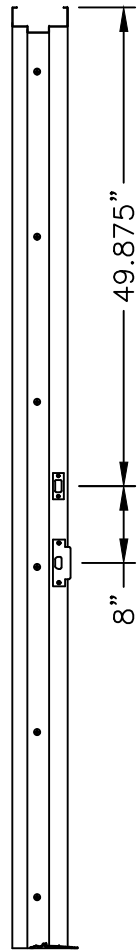
Building Consultants, Inc.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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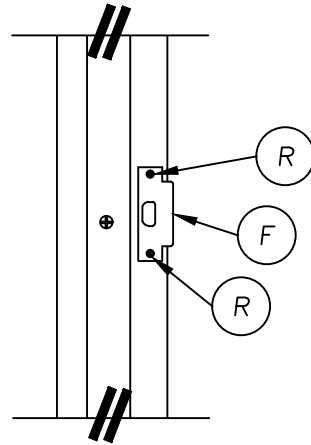


STRIKE PLATE DETAIL

ANSI STRIKE & DEADBOLT

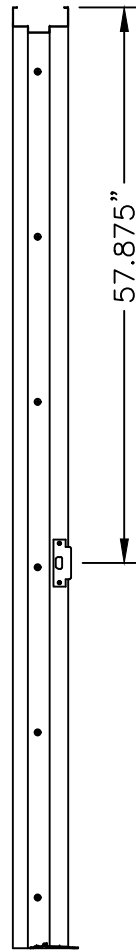


STRIKE PLATE
LOCATIONS 2" HEAD

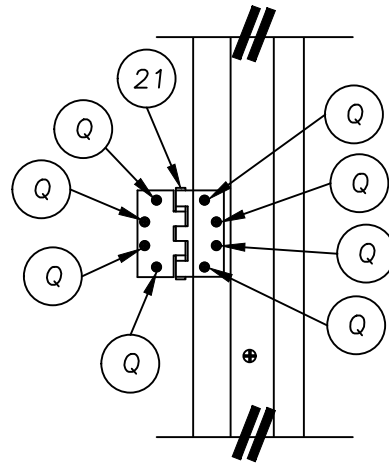


STRIKE PLATE DETAIL

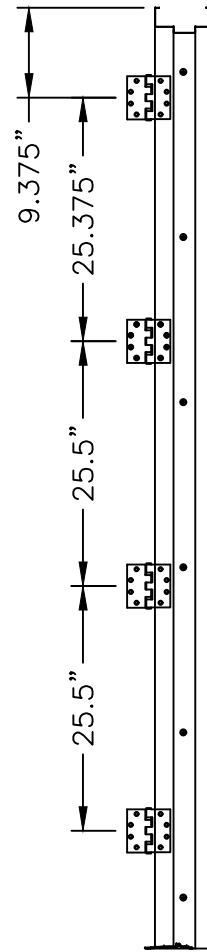
ANSI STRIKE



STRIKE PLATE
LOCATION 2" HEAD



HINGE DETAIL



HINGE LOCATIONS
2" HEAD

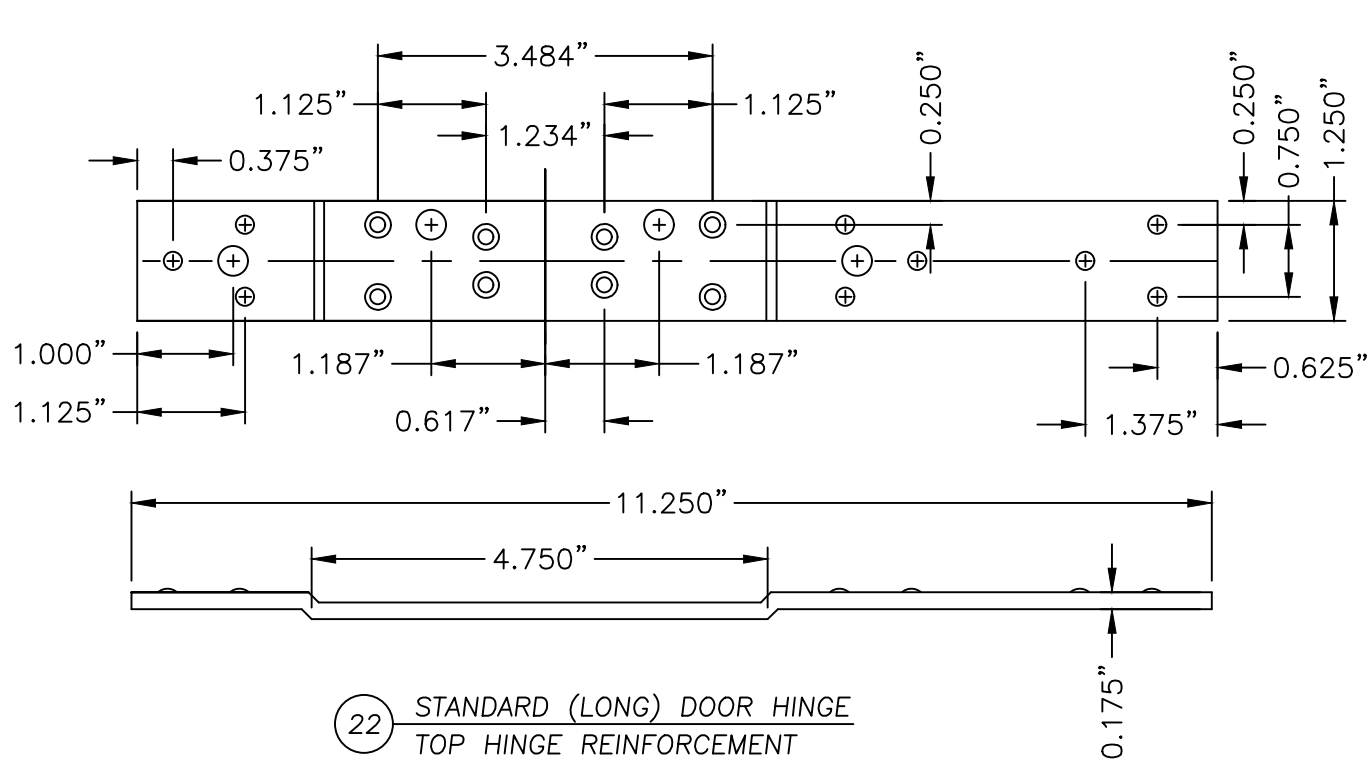
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Documents Prepared By:

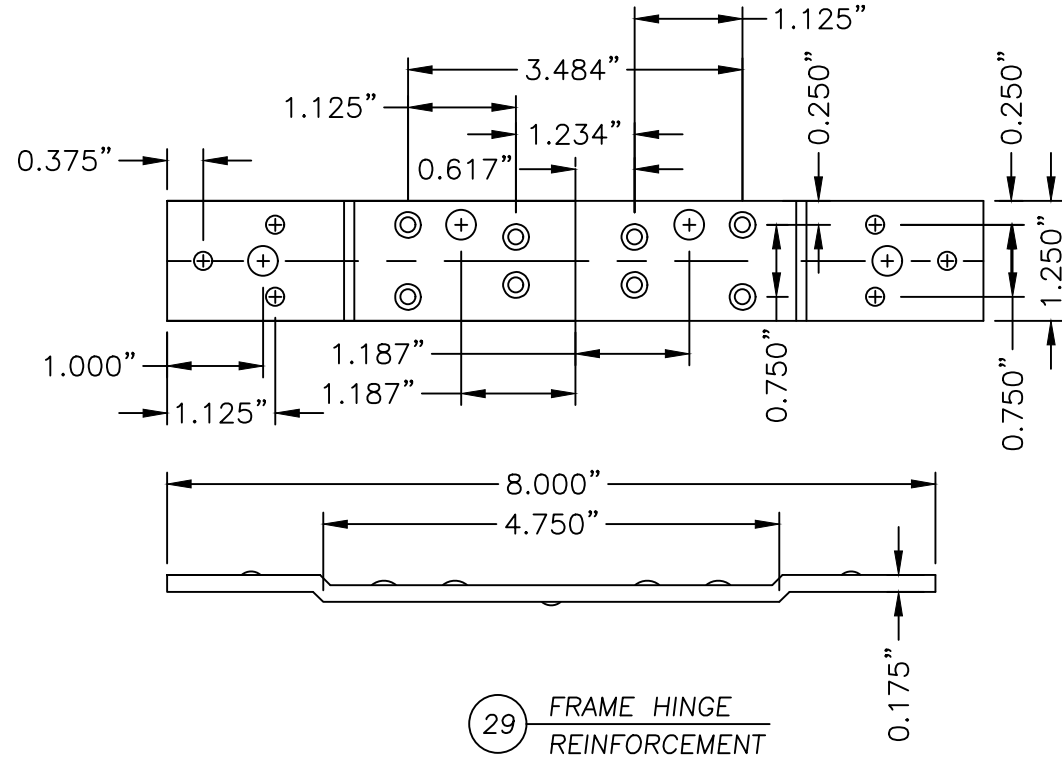
Lyndon F. Schmidt
P.E. No. 43409

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

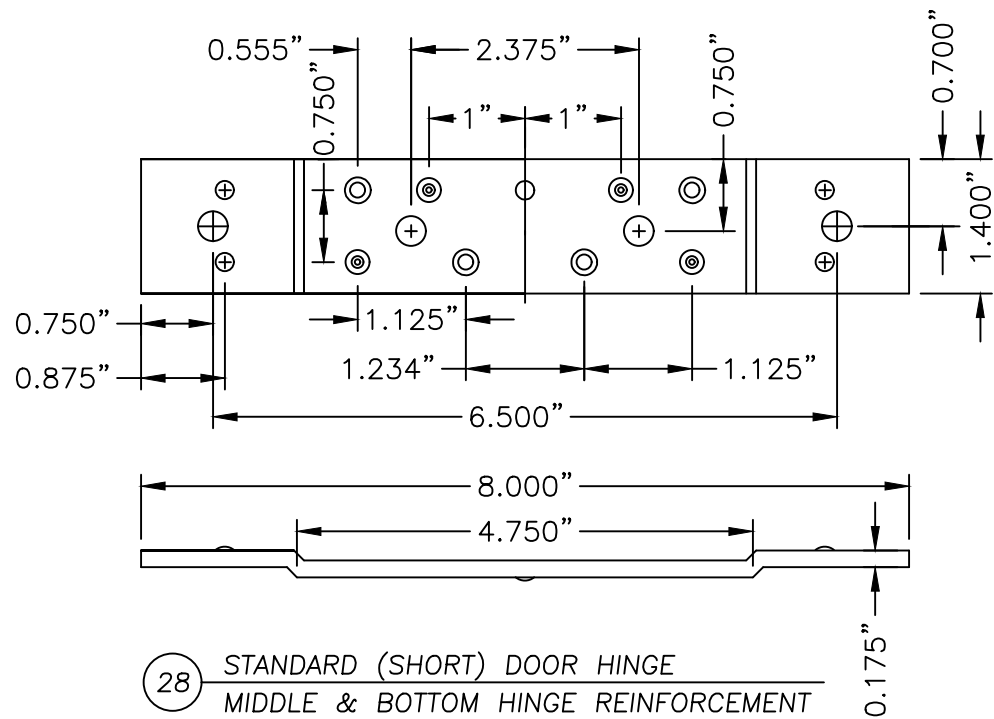
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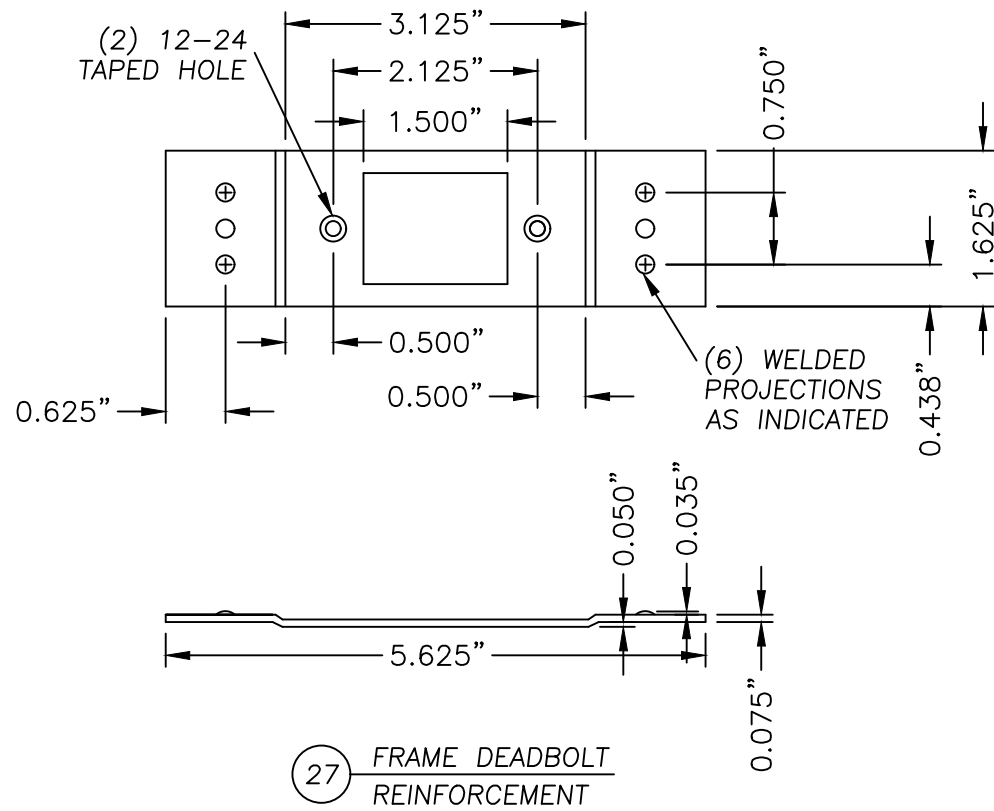
22 STANDARD (LONG) DOOR HINGE
TOP HINGE REINFORCEMENT



29 FRAME HINGE
REINFORCEMENT



28 STANDARD (SHORT) DOOR HINGE
MIDDLE & BOTTOM HINGE REINFORCEMENT



27 FRAME DEADBOLT
REINFORCEMENT

Documents Prepared By:

Lyndon F. Schmidt
P.E. No. 43409

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

PART OR ASSEMBLY:
COMPONENTS

NO.	DATE	REVISIONS
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.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

