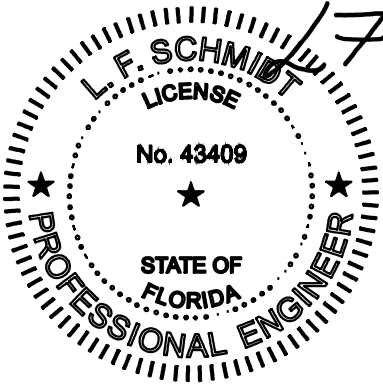


"D" SERIES
SINGLE OPAQUE DOOR
1/2 LOUVER
"NON-IMPACT"
OUTSWING

GENERAL NOTES

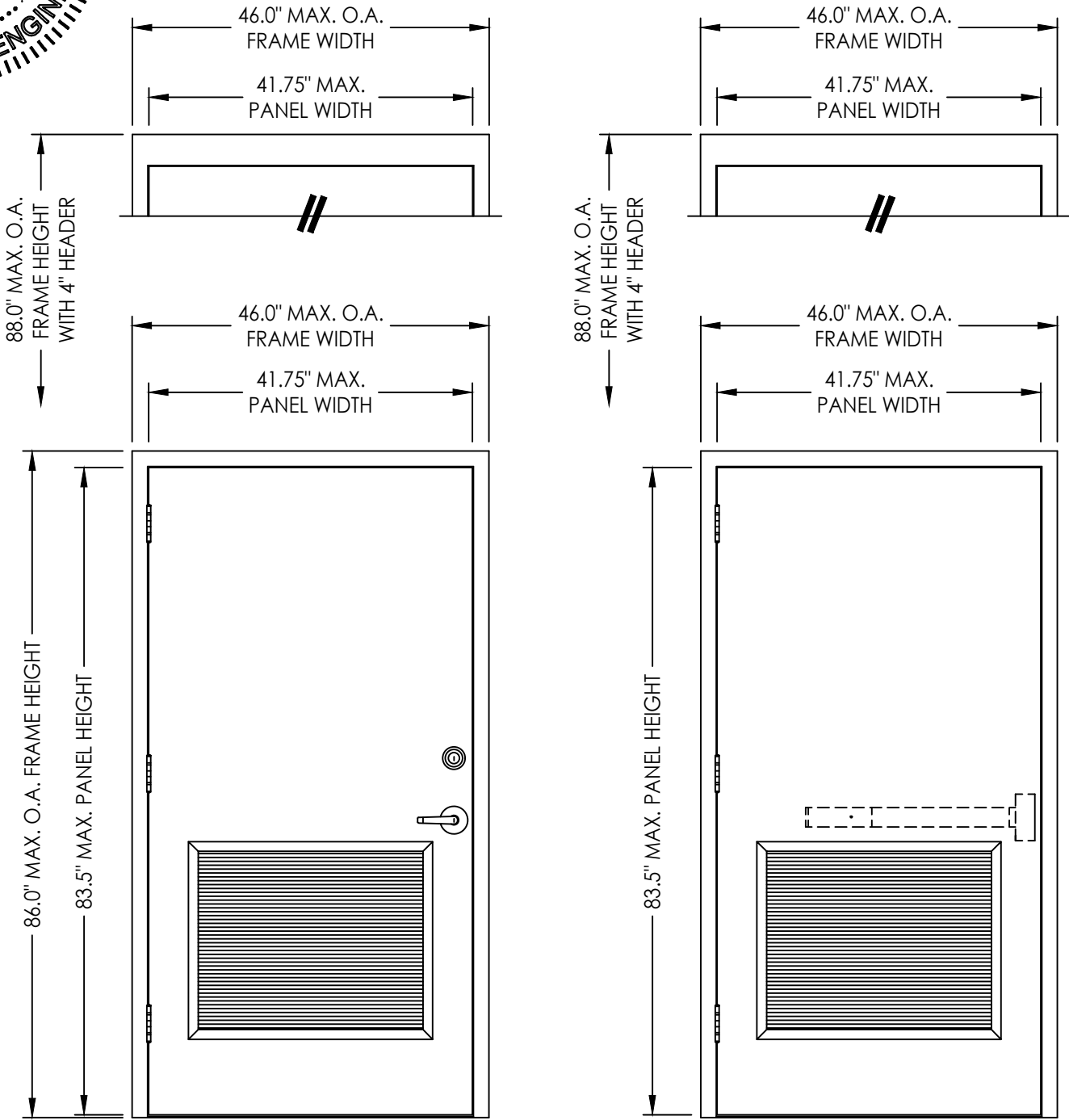
1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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 Sections 1609.1.2 & R301.2.1.2.
4. The "D" door achieves a Class I stiffness classification per Section 8.2.2 of ANSI A250.13 (based on opaque door).
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	Buck and 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



FRAME TYPE	OVERALL FRAME DIMENSION	LOCK TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
2" HEAD	46.0" x 86.0"	161 LATCH & DEADBOLT (DESIGN HARDWARE) OR PANIC EXIT DEVICE (VON DUPRIN)	+40.0	-40.0
4" HEAD	46.0" x 88.0"			

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

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

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-41788.15

SHEET 1 OF 10

11/10/22

8/21/23

1

NO.

DATE

REVISIONS

1

8/21/23

UPDATE TO 8TH ED. (2023)

FBC

LFS

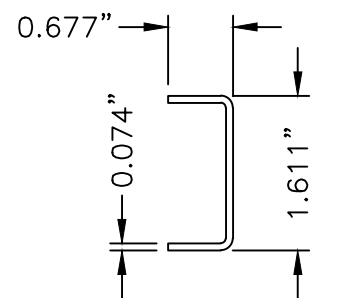
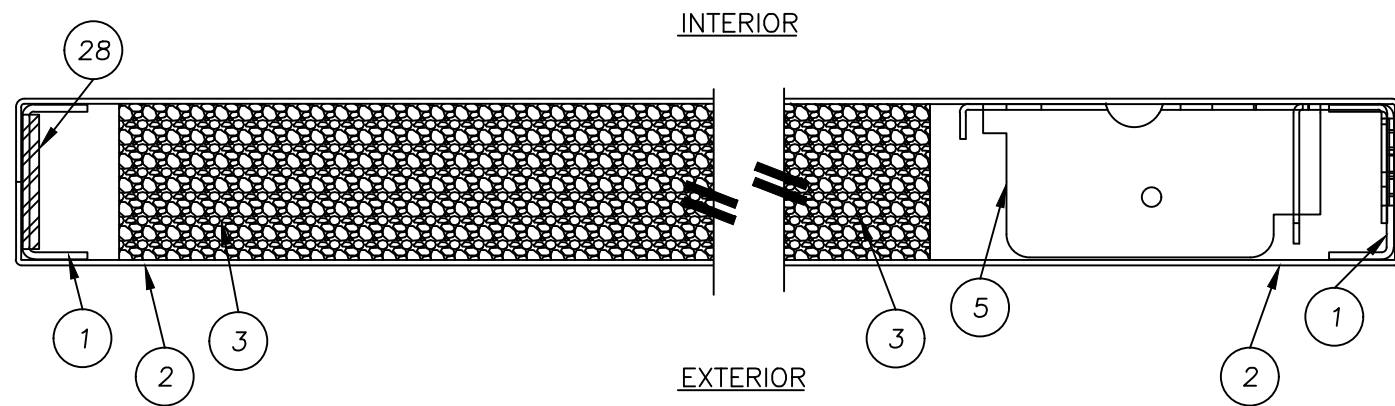
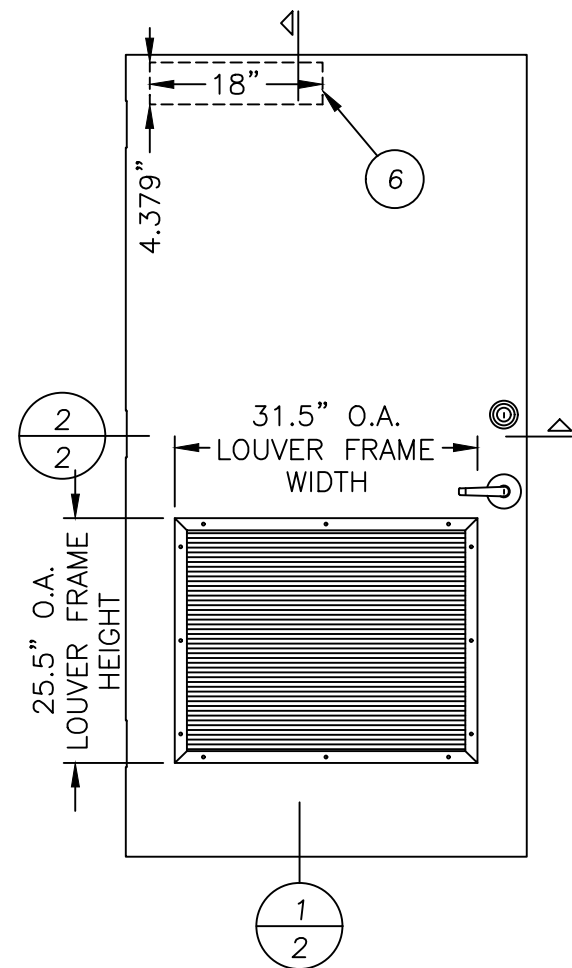
BY

BUILDING CONSULTANTS, INC.

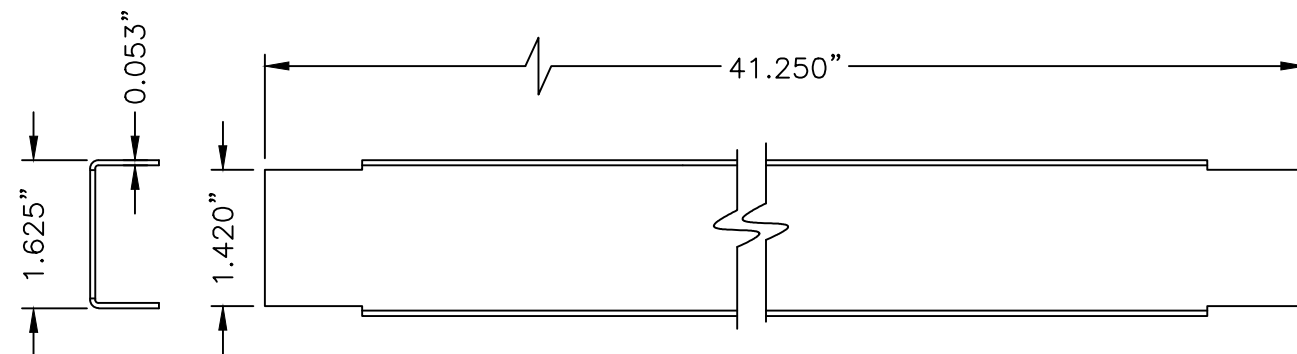
P.O. Box 230, Valrico, FL 33595

Phone No.: 813.659.9197

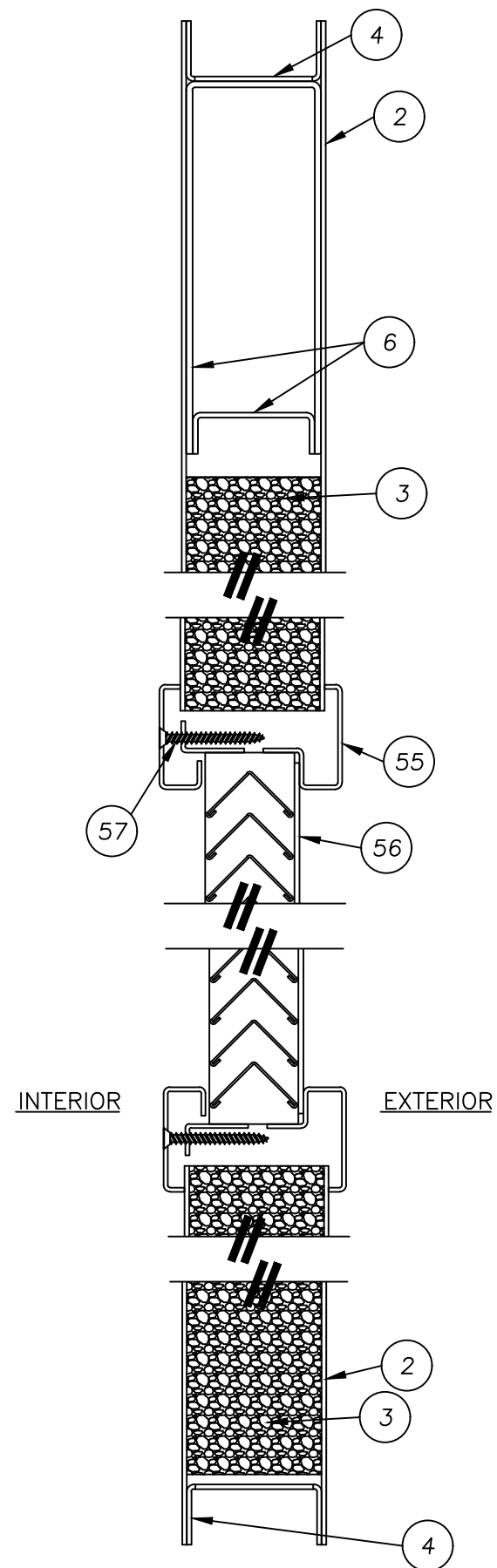
FBPE Registry No. 9813



1 DOOR STILE EDGE
REINFORCEMENT



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



1 VERTICAL CROSS SECTION
2

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

DATE: 11/10/22

SCALE: *N.T.S.*

DWG. BY: *LFS*

CHK. BY: RW

DRAWING NO.:
FL-41788.15

SHEET 2 OF 10

Documents Prepared By:

Lyndon F. Schmidt
P.E. No. 43409

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

PART OR ASSEMBLY:

DOOR PANEL DETAILS

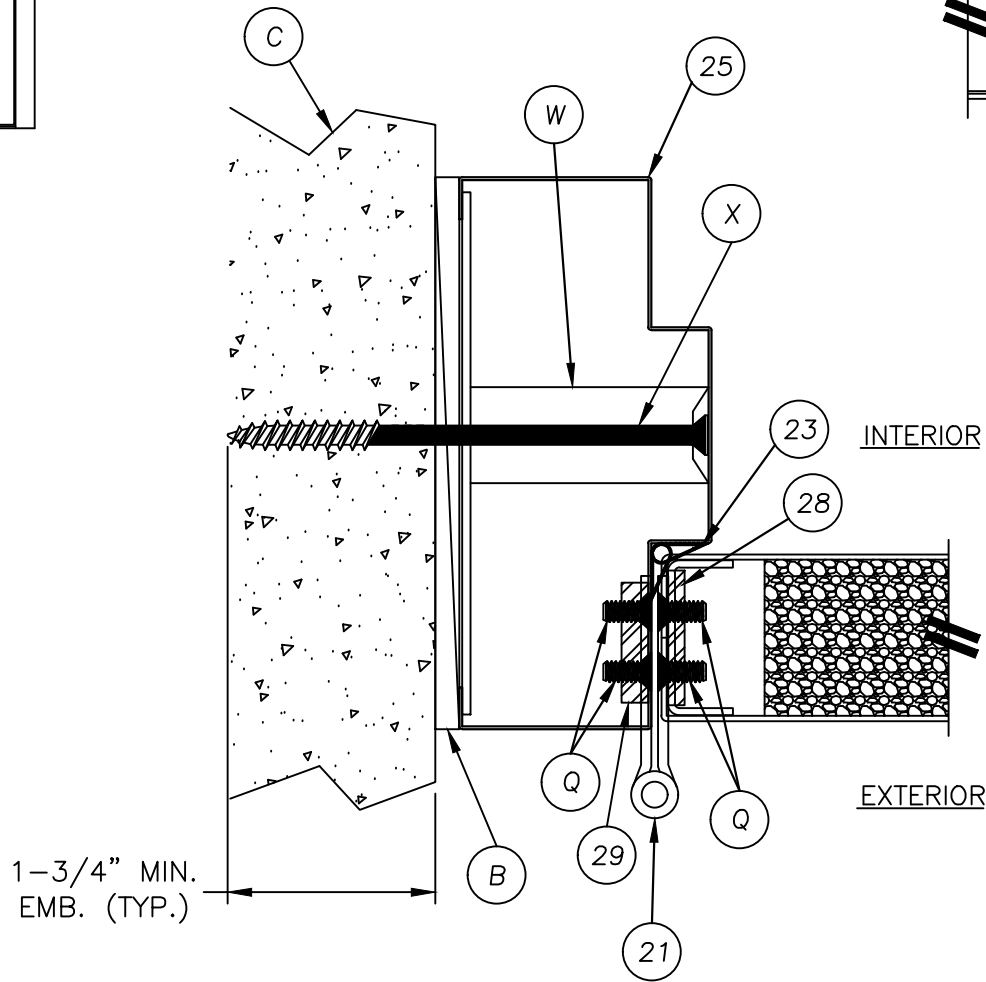
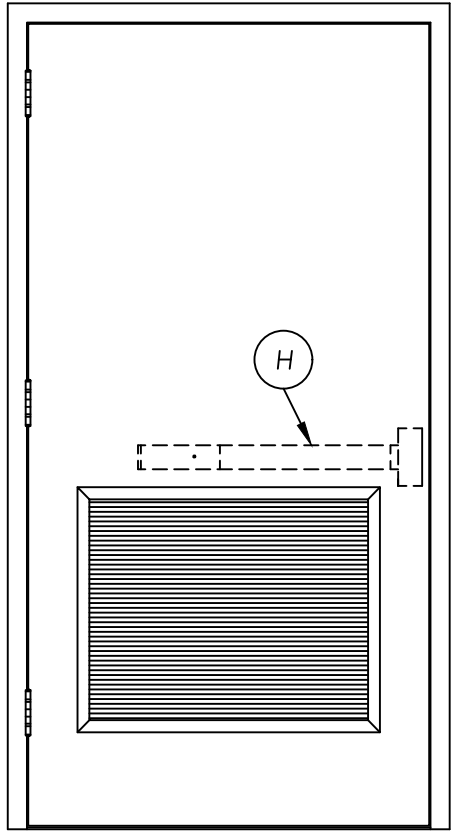
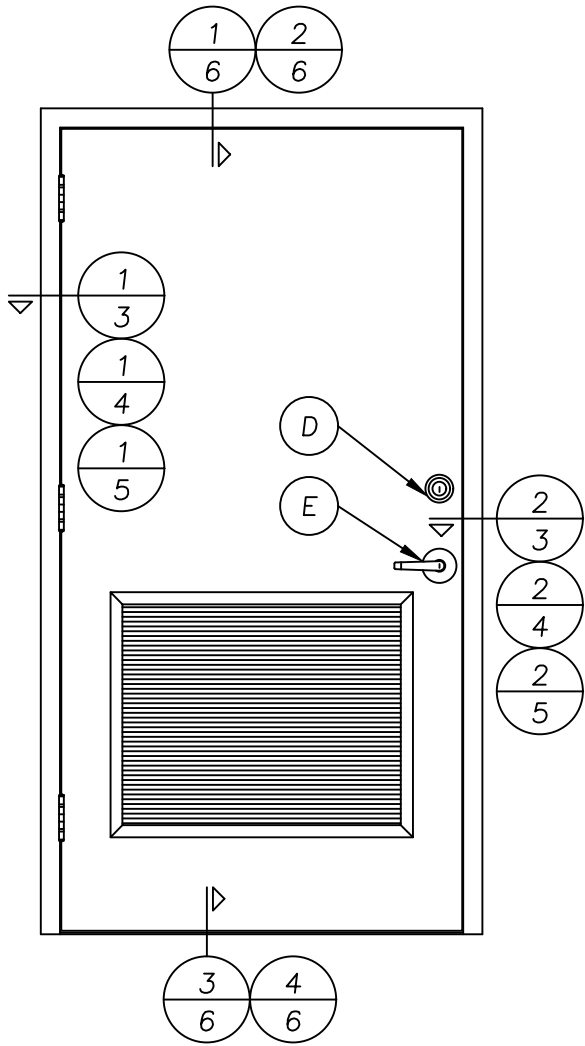
Design-Build Consultants, Inc.

P.O. Box 230, Valrico, FL 33595

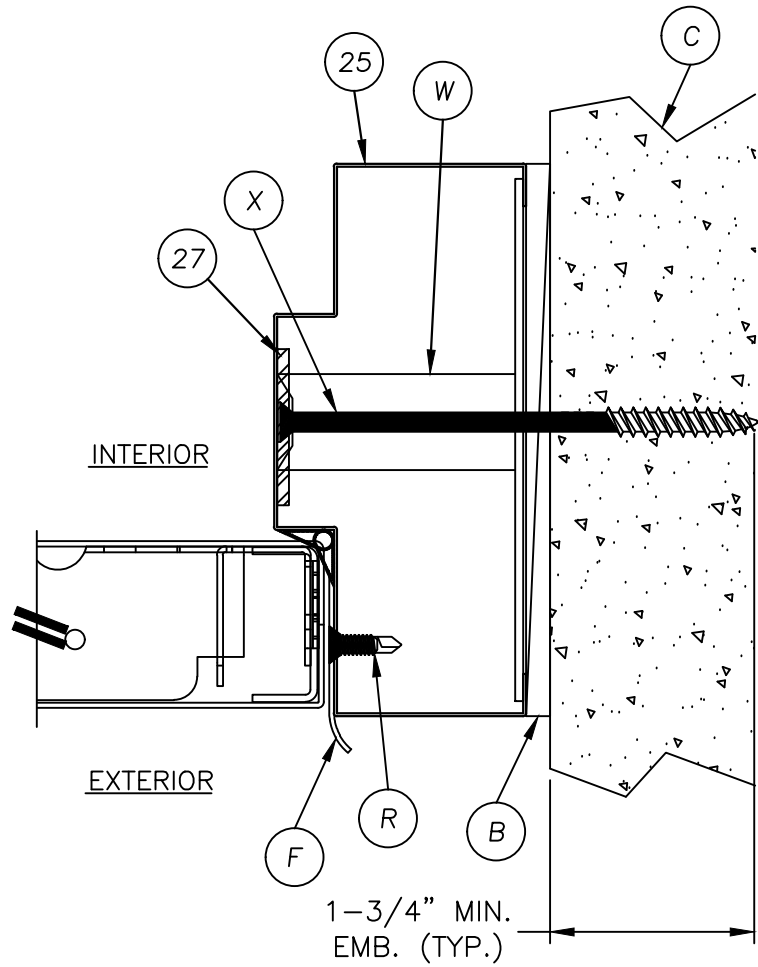
Phone No.: 813.659.9197

FBPE Registry No. 9813

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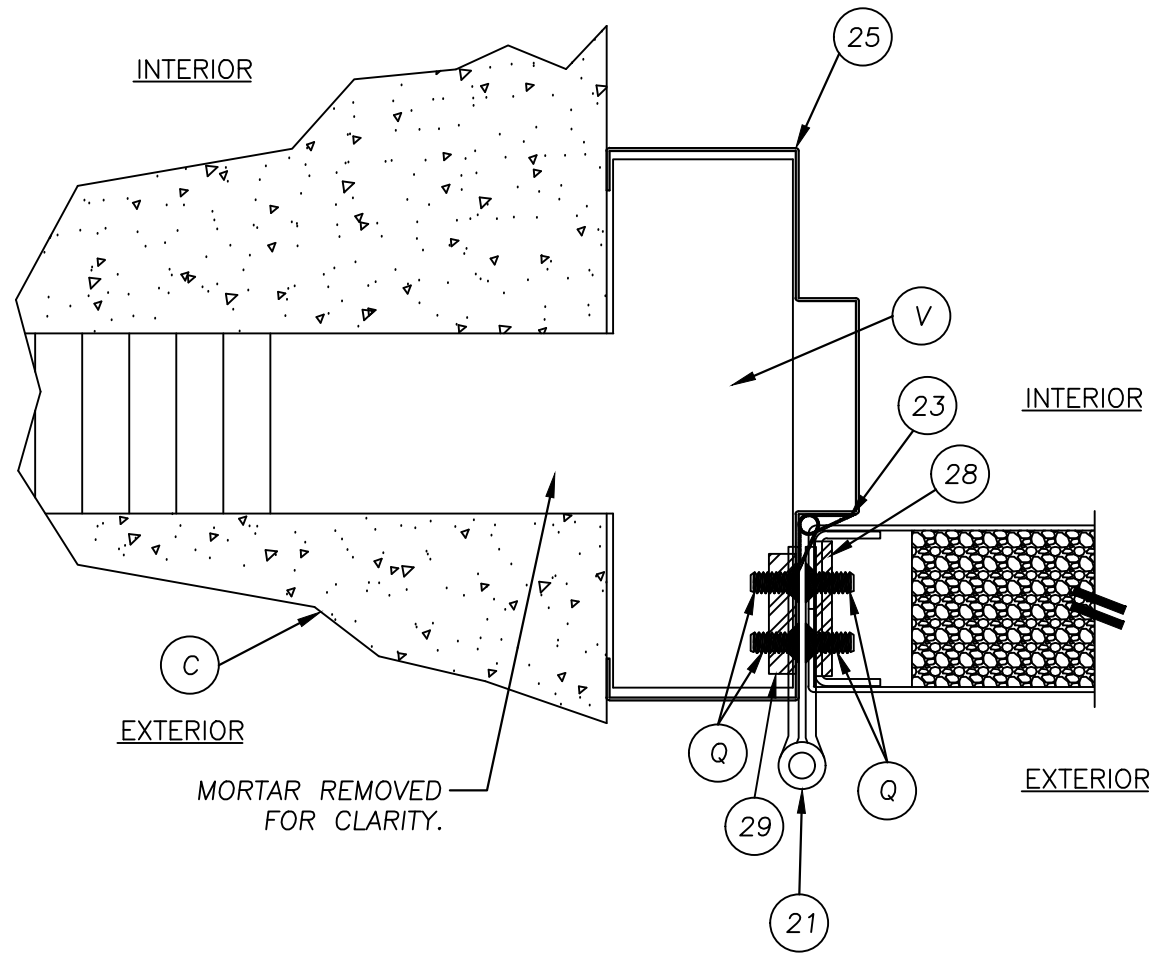
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3 @ HINGE
SHOWN WITH TUBE ANCHOR



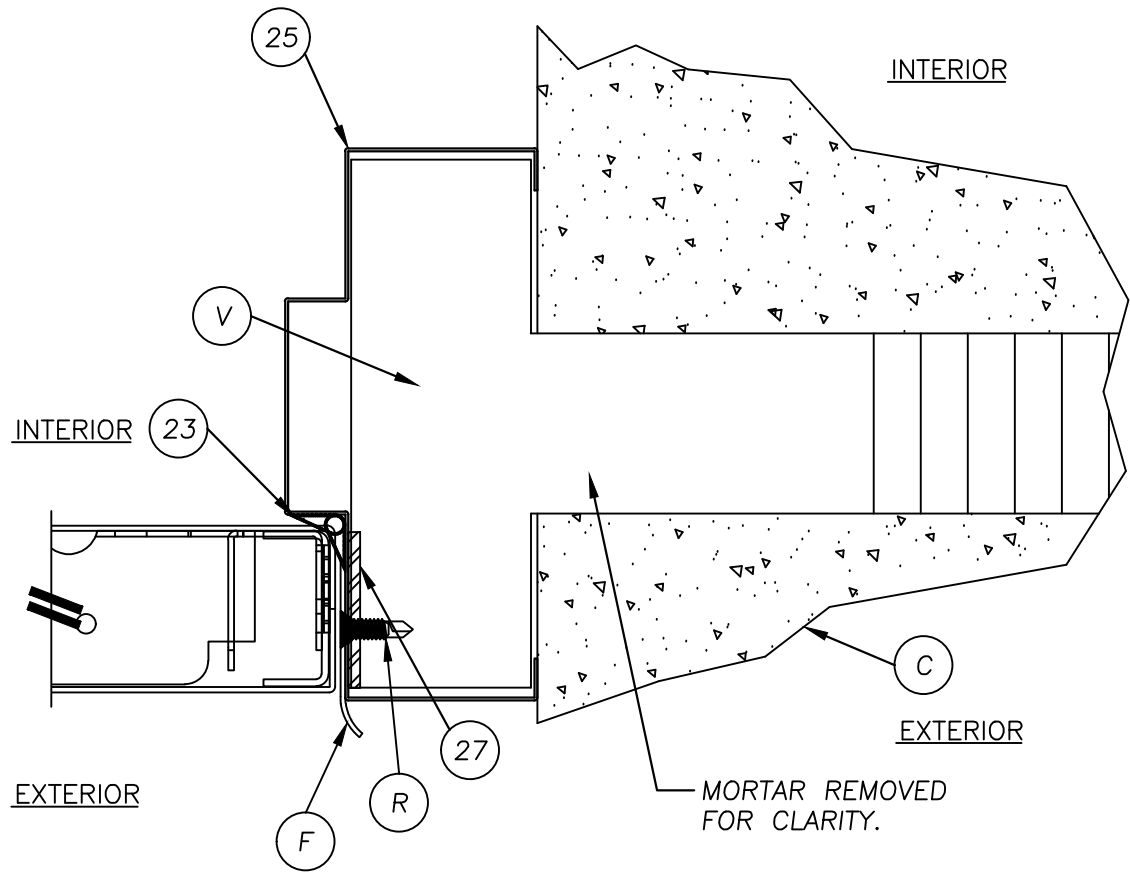
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DATE: 11/10/22				SHEET 3 OF 10			
SCALE: N.T.S.				DRAWING NO.: FL-41788.15			
DWG. BY: LFS				CHK. BY: RW			
NO.				DATE			
1				8/21/23			
UPDATE TO 8TH ED. (2023)				FBC			
LFS				BY			
REVISIONS				PART OR ASSEMBLY:			
HORIZONTAL CROSS SECTIONS				PRODUCT:			
PREMIER PRODUCTS, INC.				DOCUMENTS PREPARED BY:			
"D" PANELS "NON-IMPACT"				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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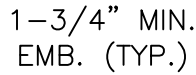


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4 @ LATCH
SHOWN WITH TEE ANCHOR

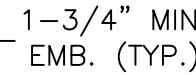


2 HORIZONTAL CROSS SECTION
4 @ LATCH
SHOWN WITH TEE ANCHOR

DATE: 11/10/22				DOCUMENTS PREPARED BY: Lyndon F. Schmidt P.E. No. 43409			
SCALE: N.T.S.				<			



1 HORIZONTAL CROSS SECTION
5 @ LATCH
SHOWN WITH UNIVERSAL ANCHOR



2 HORIZONTAL CROSS SECTION
5 @ LATCH
SHOWN WITH UNIVERSAL ANCHOR

[illegible]

DATE: 11/10/22

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

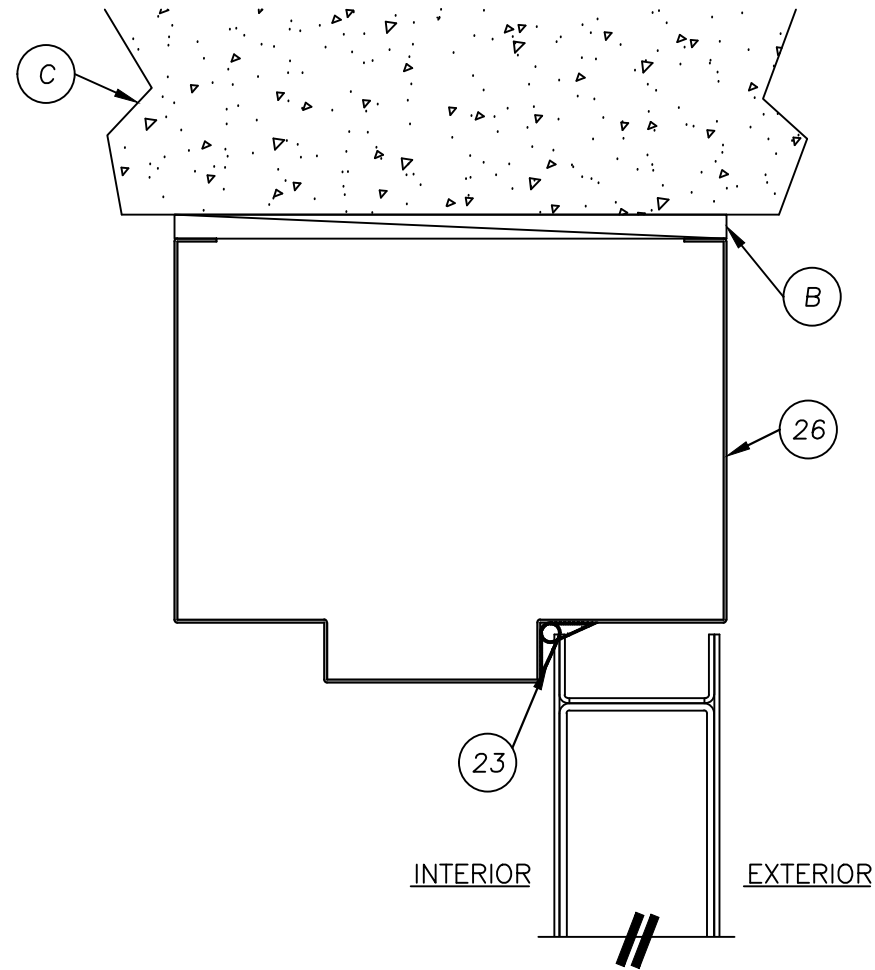
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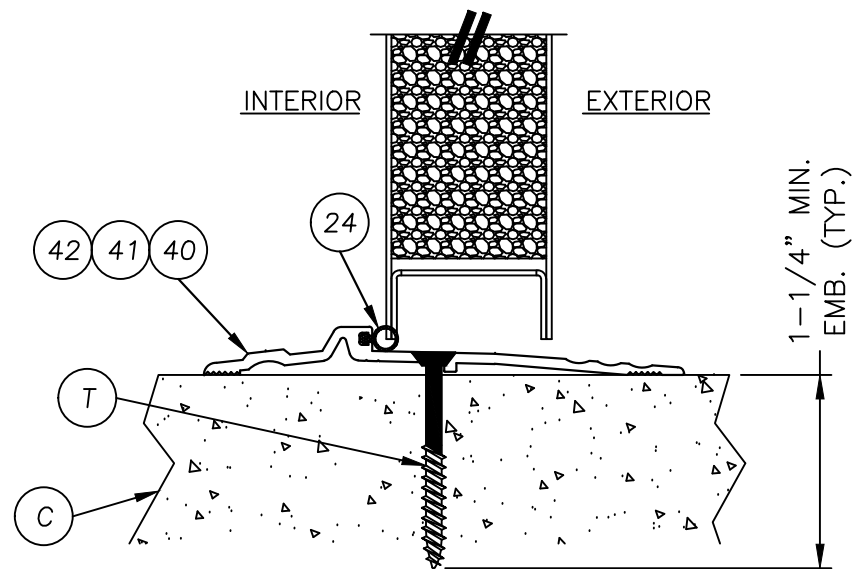
SHEET 5 OF 10

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

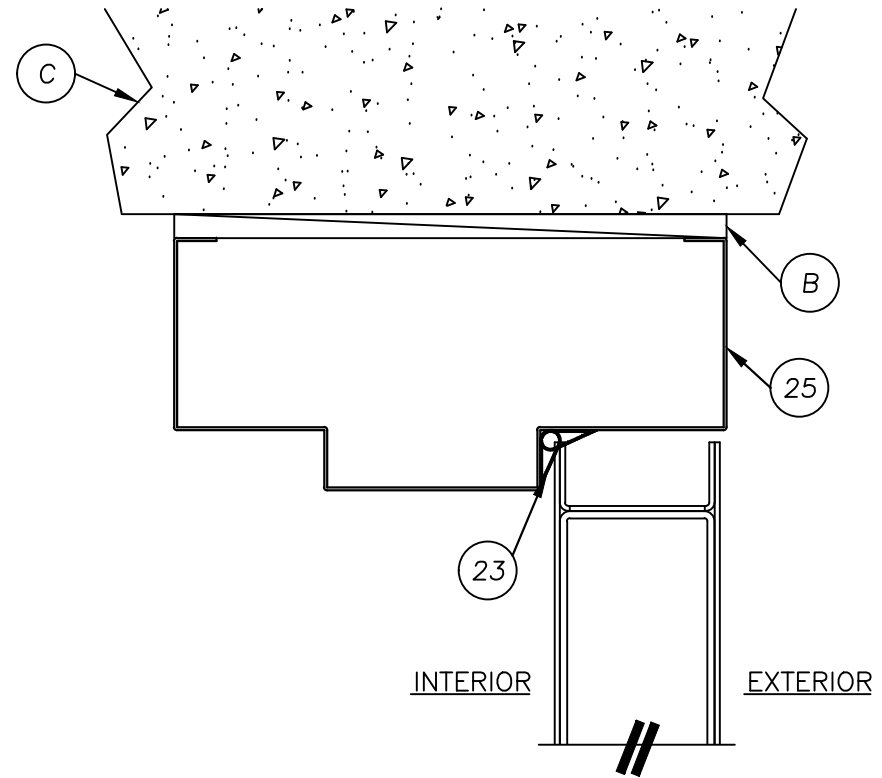
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



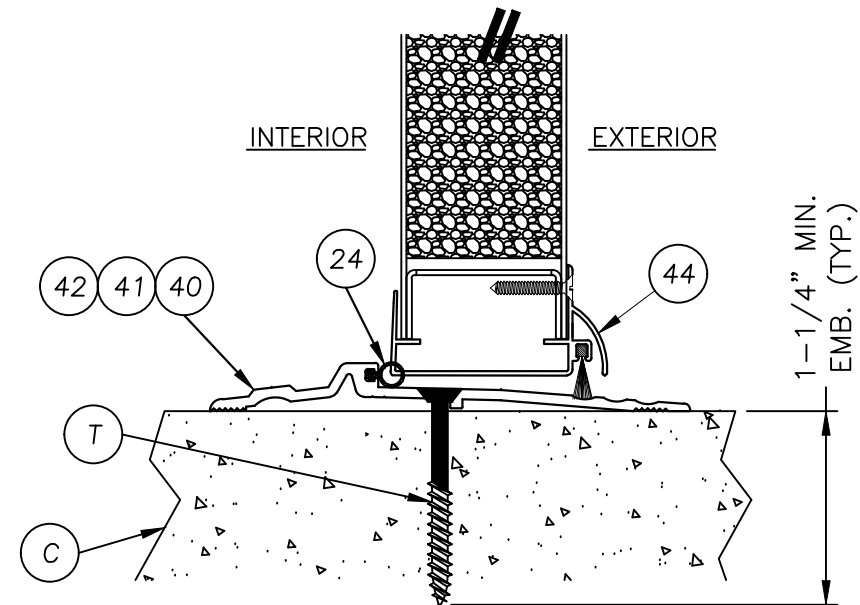
1 VERTICAL CROSS SECTION
6 @ HEAD



3 VERTICAL CROSS SECTION
6 @ THRESHOLD



VERTICAL CROSS SECTION
@ HEAD



4 VERTICAL CROSS SECTION
6 @ THRESHOLD

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

DATE: 11/10/22

SCALE: N.T.S.

DWG. BY: *LFS*

CHK. BY: RW

DRAWING NO.:

FL-41788.15

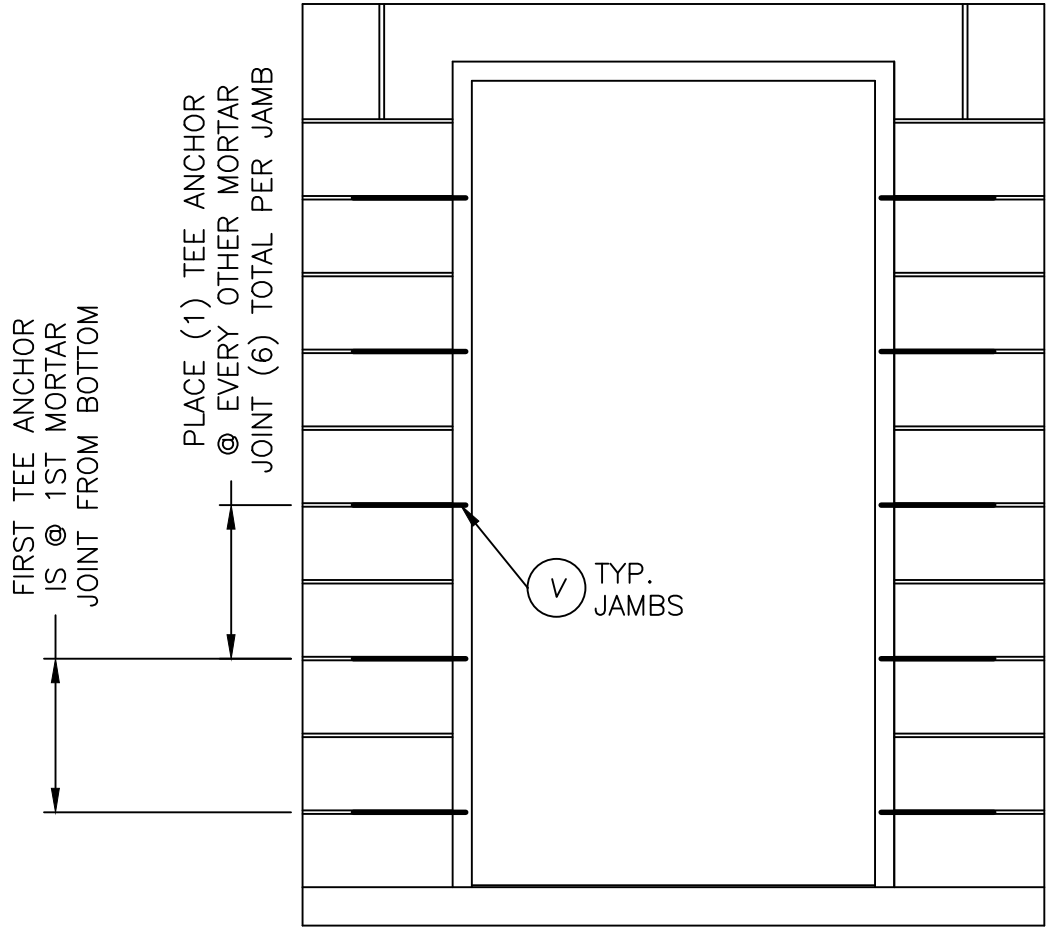
SHEET 6 OF 10

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

PART OR ASSEMBLY:
VERTICAL 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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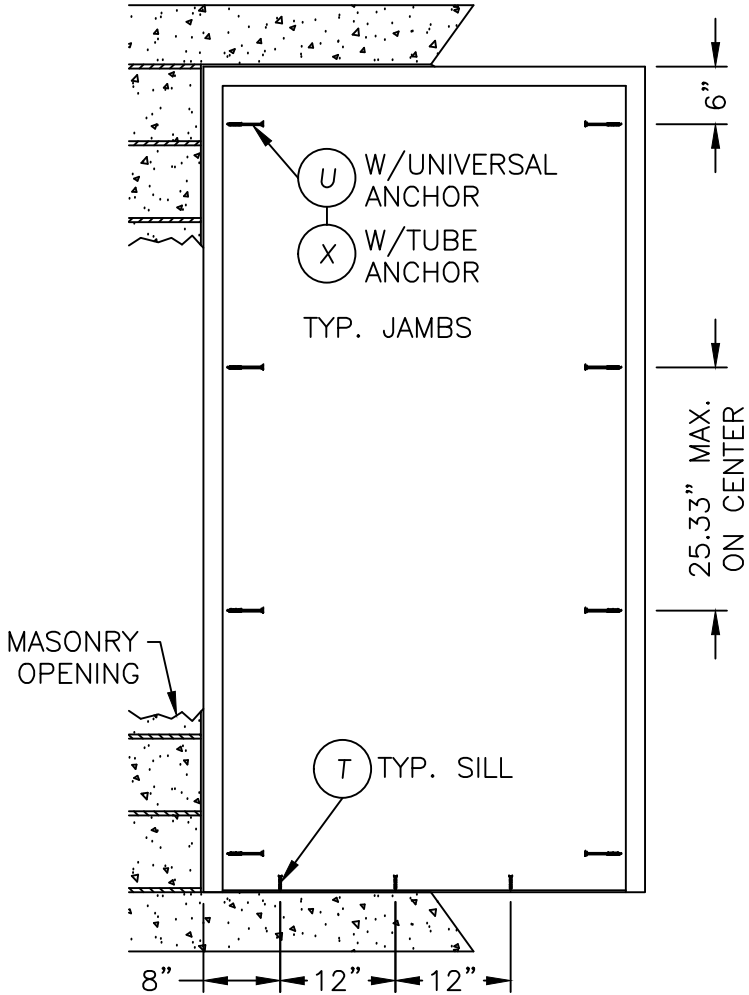


CONCRETE ANCHOR NOTES:

- 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:

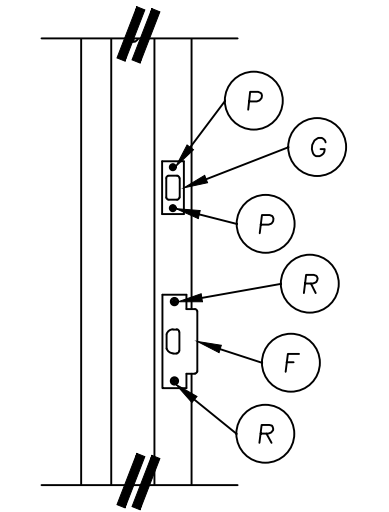
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2-1/2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	2-1/2"	4"
ITW TAPCON® XL	5/16"	1-3/4"	2-1/2"	5"
DeWALT ULTRACON®	5/16"	1-3/4"	3-1/8"	5"

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



Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		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 "NON-IMPACT"		PART OR ASSEMBLY: ANCHORING LOCATIONS	
		REVISIONS	
		DATE: 11/10/22	
		SCALE: N.T.S.	
		DWG. BY: LFS	
		CHK. BY: RW	
		DRAWING NO.: FL-41788.15	
		SHEET 7 OF 10	

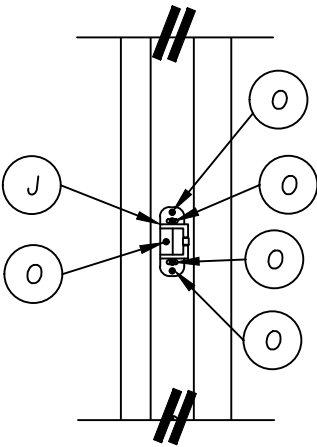
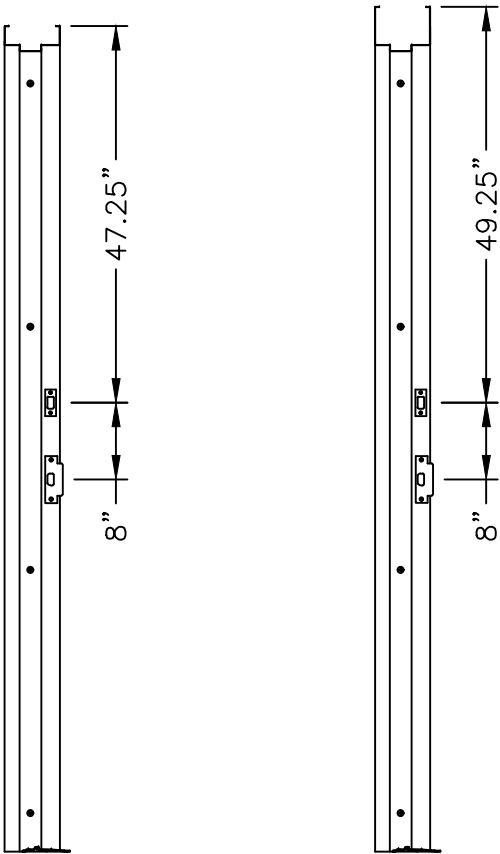
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STRIKE PLATE DETAIL
ANSI STRIKE & DEADBOLT

STRIKE PLATE
LOCATIONS 2" HEAD

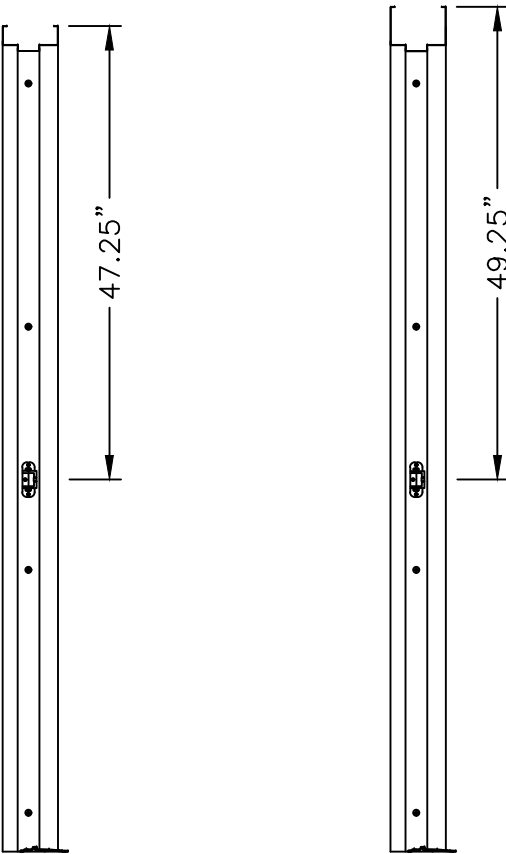
STRIKE PLATE
LOCATIONS 4" HEAD



RIM STRIKE DETAIL

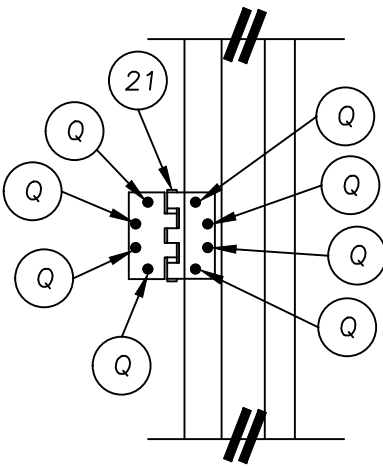
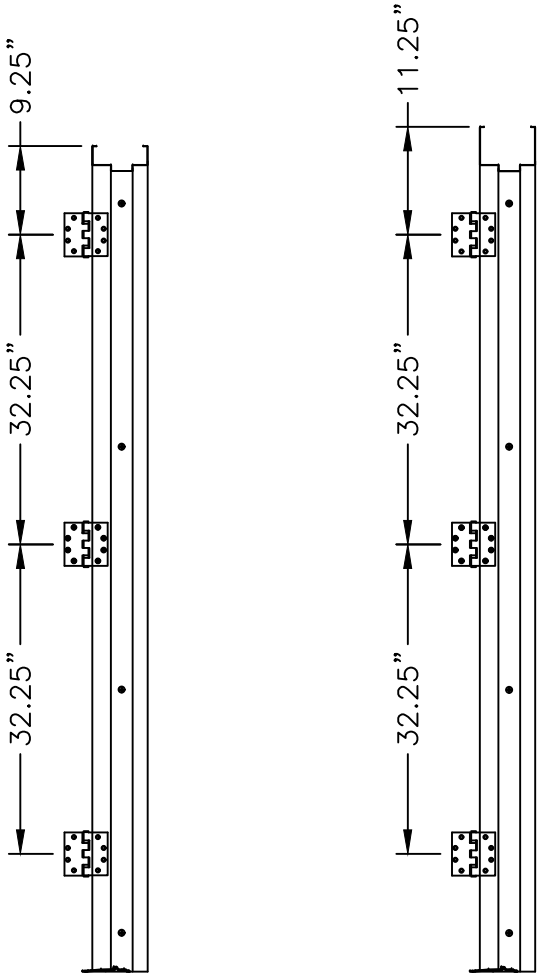
STRIKE PLATE
LOCATION 2" HEAD

STRIKE PLATE
LOCATION 4" HEAD



HINGE LOCATIONS
2" HEAD

HINGE LOCATIONS
4" HEAD



HINGE DETAIL

DATE: 11/10/22
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-41788.15
SHEET 8 OF 10

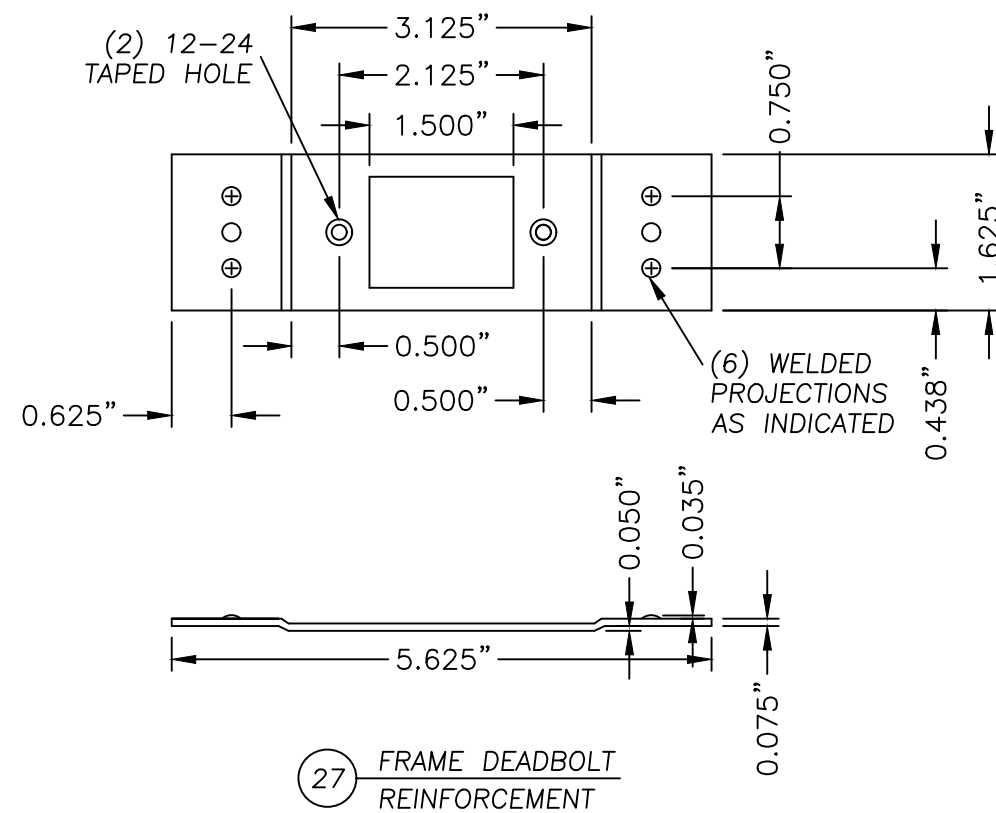
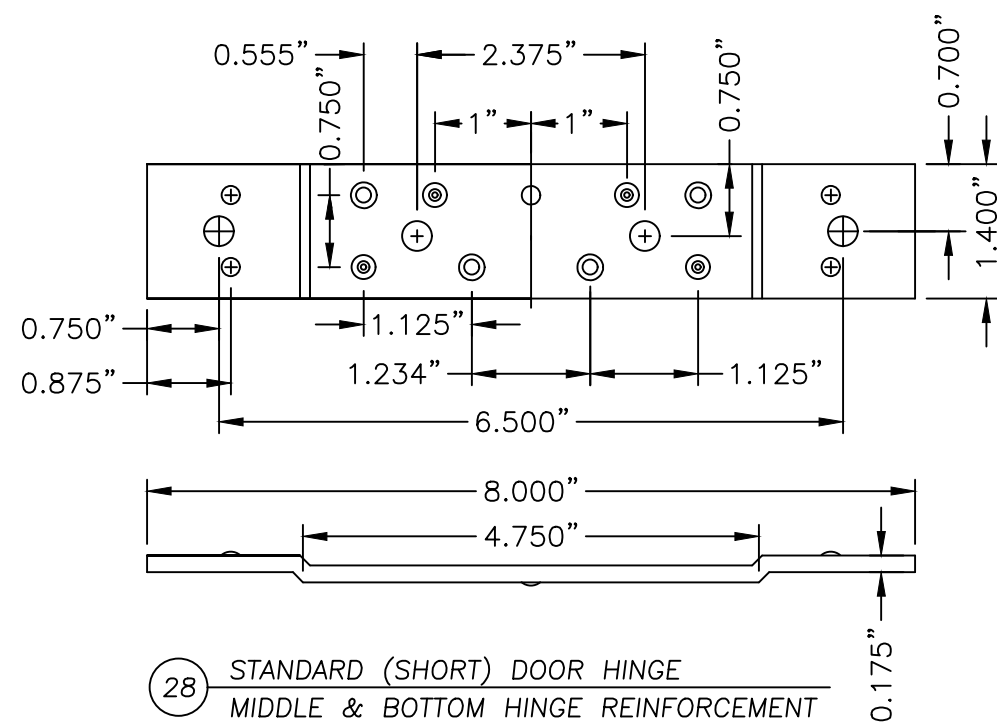
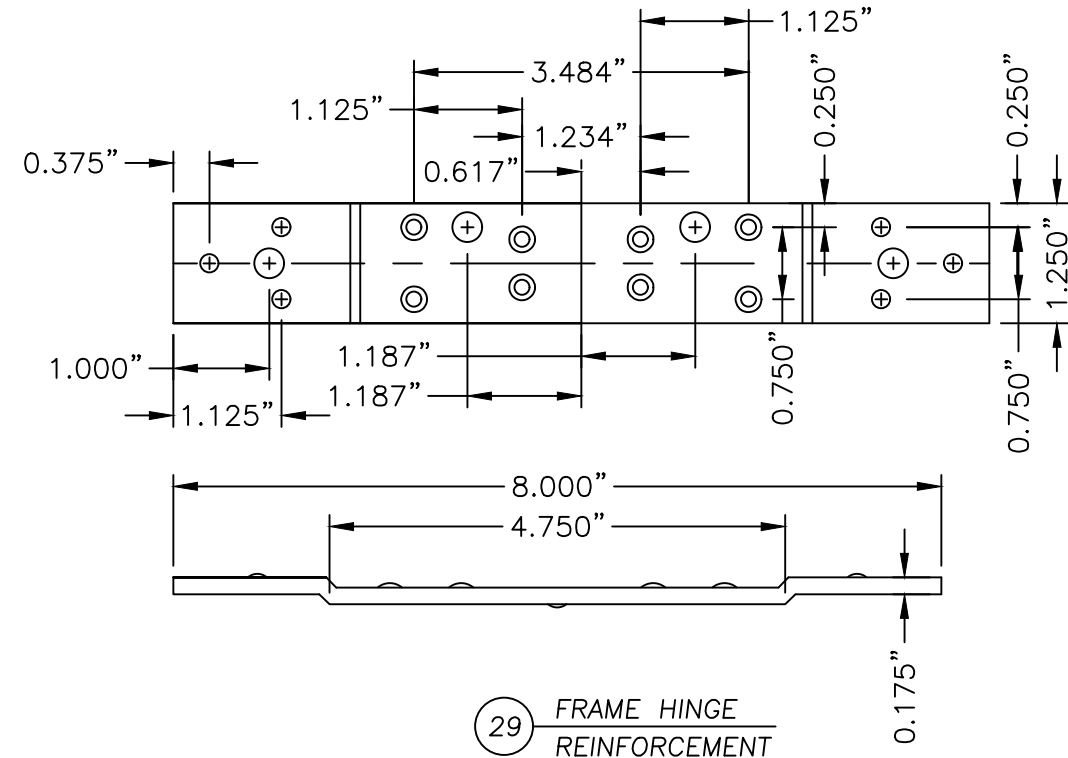
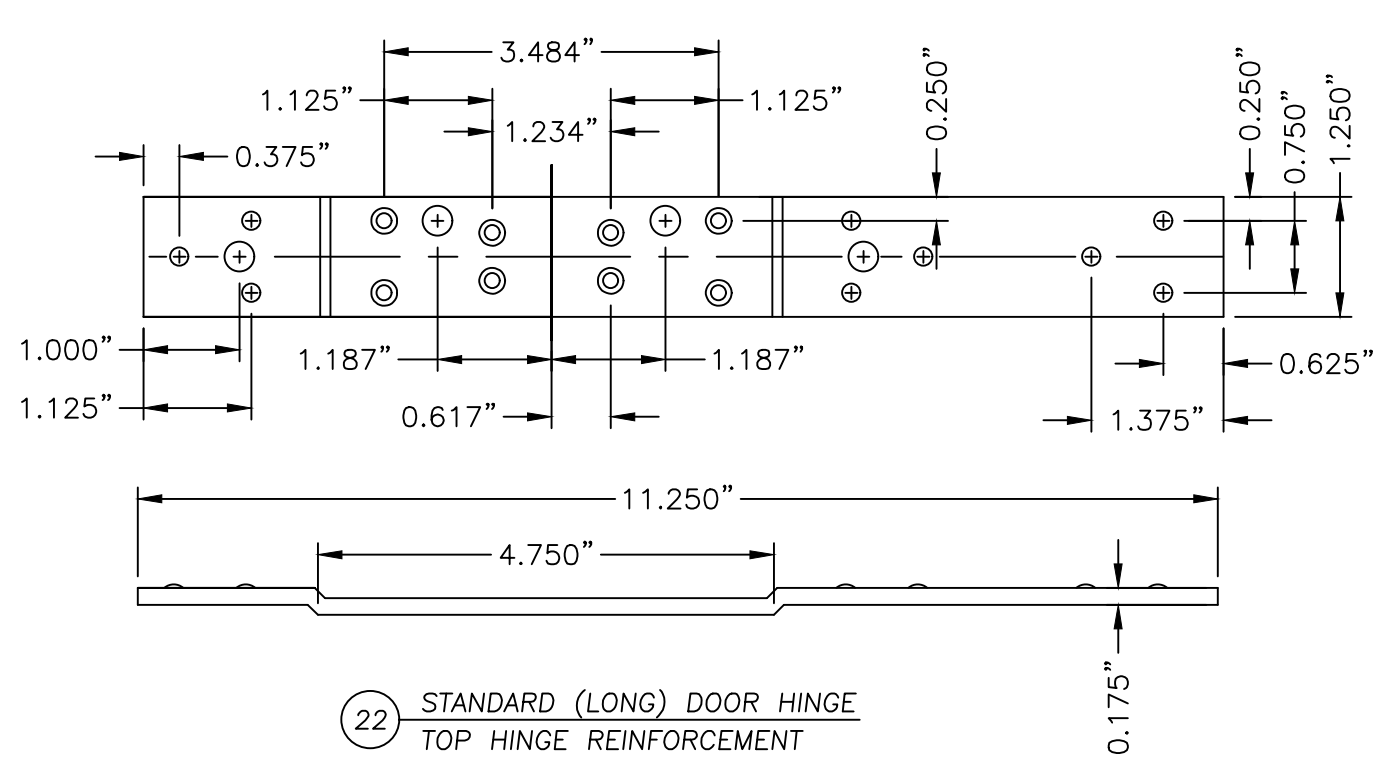
NO.	DATE	REVISIONS
1	8/21/23	UPDATE TO 8TH ED. (2023) FBC
		LFS
		BY

PRODUCT:
PREMIER PRODUCTS, INC.
"D" PANELS "NON-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
FBPE Registry No. 9813

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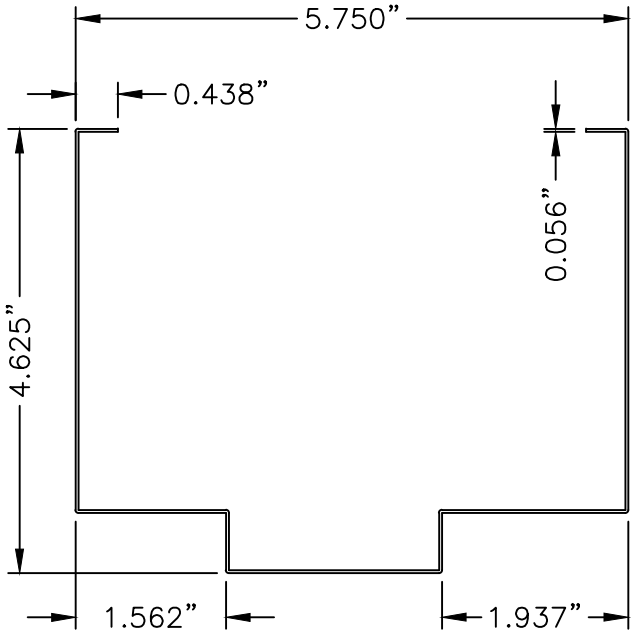
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

ASSEMBLY: COMPONENTS

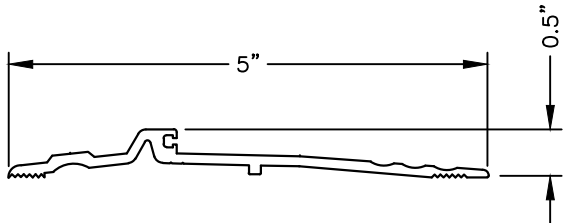
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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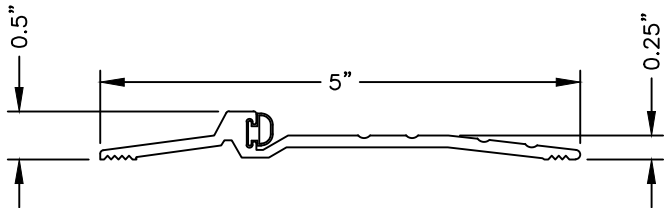
BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
B	1/4" MAX. SHIM SPACE	WOOD
C	3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
D	DESIGN HARDWARE D-2 SERIES DEADBOLT	STEEL
E	DESIGN HARDWARE X-SERIES LATCH (161 PREP)	STEEL
F	LATCH STRIKE PLATE	BRASS
G	DEADBOLT STRIKE PLATE	STEEL
H	VON DUPRIN 99 SERIES RIM PANIC HARDWARE	STEEL
J	RIM PANIC STRIKE PLATE	STEEL
O	#12 X 1" H.H. SELF TAPPING SCREW	STEEL
P	#8 X 3/4" PFH SCREW	STEEL
Q	#12 X 1/2" MACHINE SCREW	STEEL
R	#12 X 3/4" PFH SELF TAPPING MACHINE SCREW	STEEL
T	1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
U	5/16" X 4" HWH DeWALT OR ITW CONCRETE SCREW	STEEL
V	MASONRY 'TEE' ANCHOR (PFMT5)	STEEL
W	TUBE ANCHOR	STEEL
X	5/16" X 5" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
1	DOOR STILE EDGE REINFORCEMENT	STEEL
2	DOOR SKIN 16GA (0.055" THK. STEEL, Fy = 40,317 PSI MIN.)	STEEL
3	FOAM (D DOOR) 1.0 PCF MIN. DENSITY	POLYSTYRENE
4	DOOR TOP & BOTTOM CLOSER	STEEL
5	LOCK BOX REINFORCEMENT	STEEL
6	CLOSER REINFORCEMENT	STEEL
21	HINGE	STEEL
22	STD. (LONG) DOOR HINGE REIN. (TOP HINGE PDNLHR 450)	STEEL
23	WEATHERSTRIP	FOAM
24	THRESHOLD WEATHERSTRIP (NATIONAL GUARD PRODUCTS, INC. ITEM #33)	VINYL
25	FRAME 5-3/4" MIN. WITH 2" HEAD	STEEL
26	FRAME 5-3/4" MIN. WITH 4" HEAD	STEEL
27	14GA. (.075") C.R.S. 161 DEADBOLT FRAME REINFORCEMENT (PFDBR4)	STEEL
28	STD. (SHORT) DOOR HINGE REIN.(MIDDLE & BOTTOM) PDNHR450)	STEEL
29	STD. 4-1/2" FRAME HINGE REINFORCEMENT 7GA.(.175" PF4HR)	STEEL
40	OUTSWING THRESHOLD NATIONAL GUARD PRODUCTS, INC. #896	ALUMINUM
41	OUTSWING THRESHOLD NATIONAL GUARD PRODUCTS, INC. #950	ALUMINUM
42	OUTSWING THRESHOLD PEMKO #2005 V	ALUMINUM
44	95WHA DOOR SWEEP NATIONAL GUARD PRODUCTS, INC.	ALUMINUM
51	FRAME REINFORCEMENT	STEEL
55	LOUVER FRAME	STEEL
56	LOUVER PANEL	STEEL
57	#6 X 1-1/4" PFH SCREW	STEEL



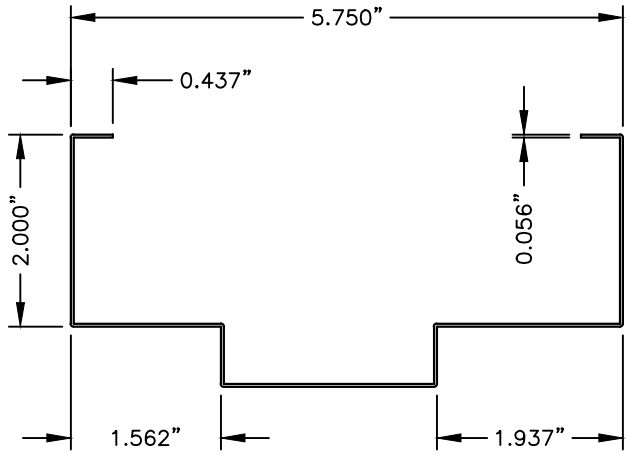
26 FRAME



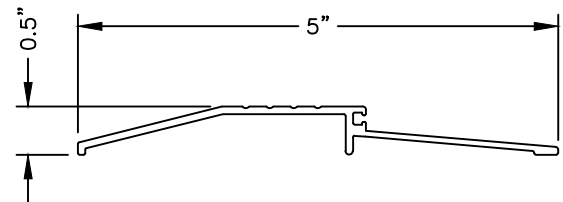
40 THRESHOLD



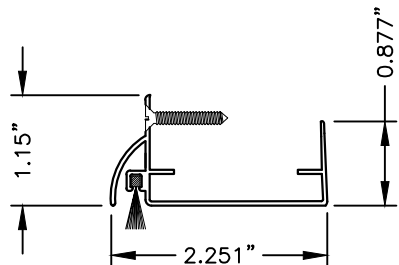
42 THRESHOLD



25 FRAME



41 THRESHOLD



44 SWEEP

Documents Prepared By:

Lyndon F. Schmidt
P.E. No. 43409

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

PART OR ASSEMBLY:

BILL OF MATERIALS
& COMPONENTS

NO.	DATE	DESCRIPTION	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

DRAWING NO.: FL-41788.15

SHEET 10 OF 10

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