

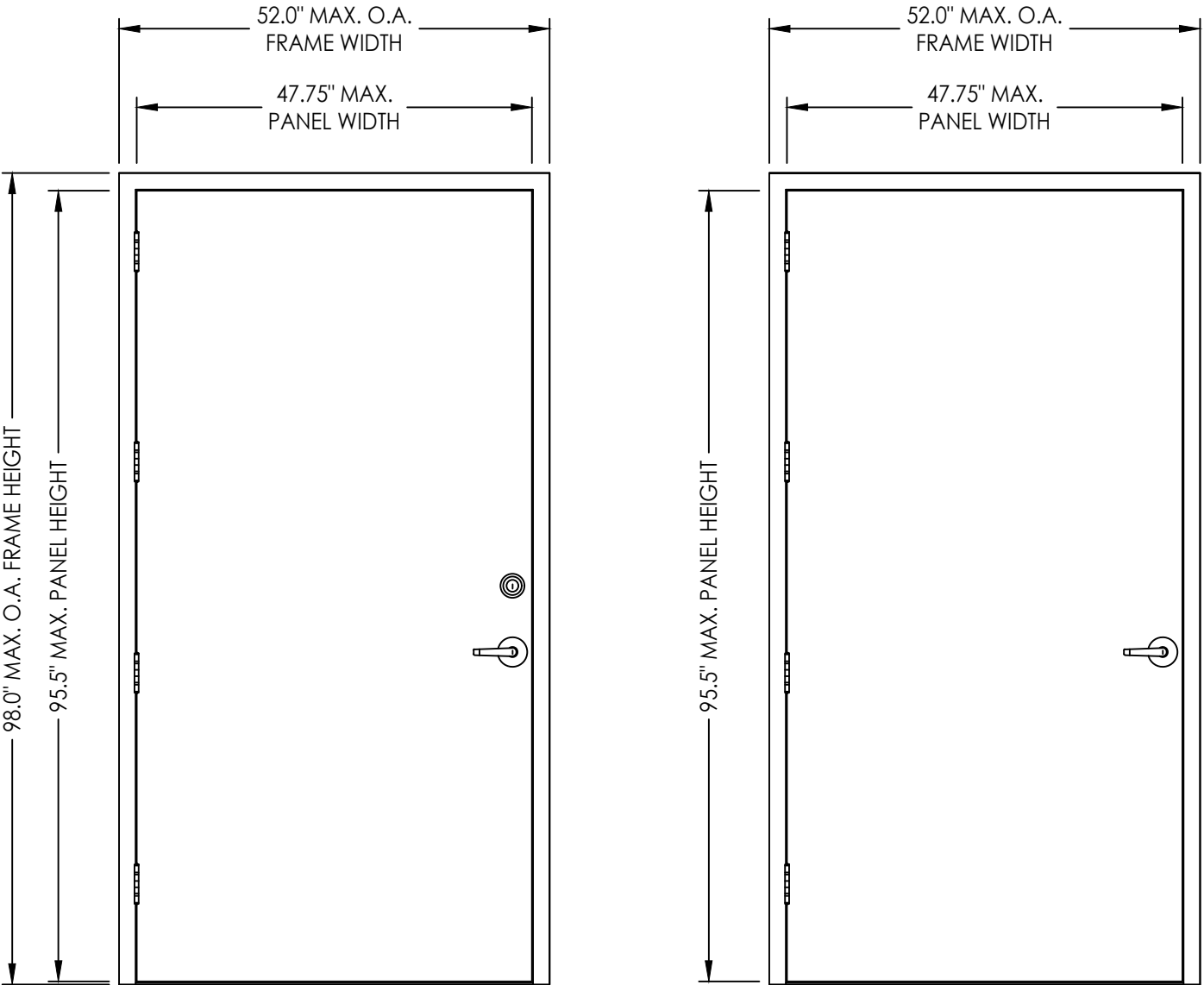


"D" SERIES
SINGLE OPAQUE DOOR
"NON-IMPACT"
OUTSWING

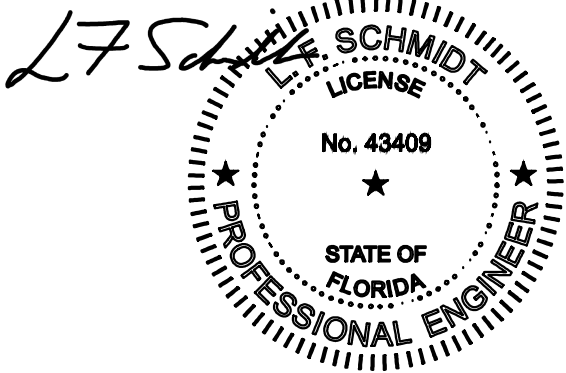
GENERAL NOTES

- 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.
- 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



OVERALL FRAME DIMENSION	LOCK TYPE	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
52.0" x 98.0"	LATCH & DEADBOLT (DESIGN HARDWARE)	+45.0	-45.0
	LATCH & DEADBOLT (SCHLAGE)	+45.0	-45.0
	LATCH (SCHLAGE)	+45.0	-45.0



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

PRODUCT:
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-41788.11

SHEET 1 OF 10

DATE: 11/10/22

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

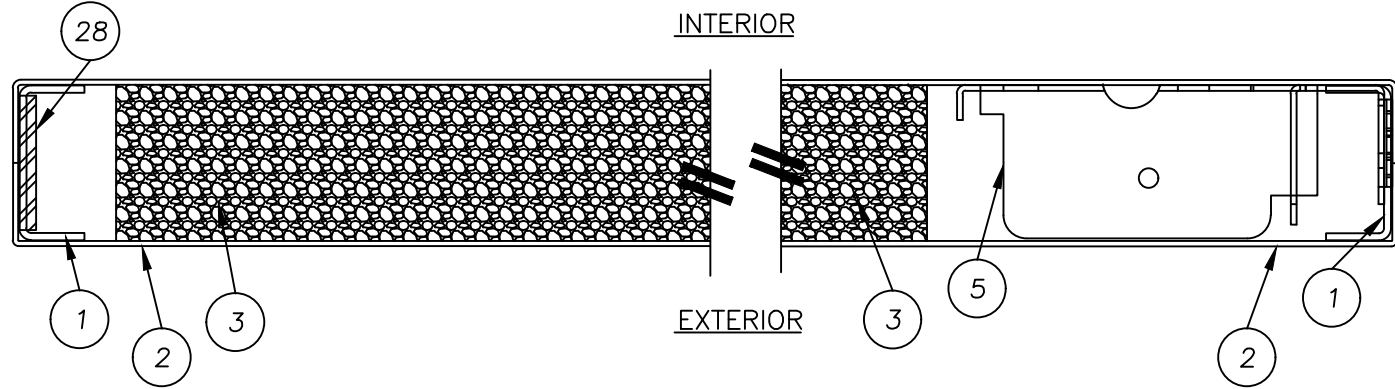
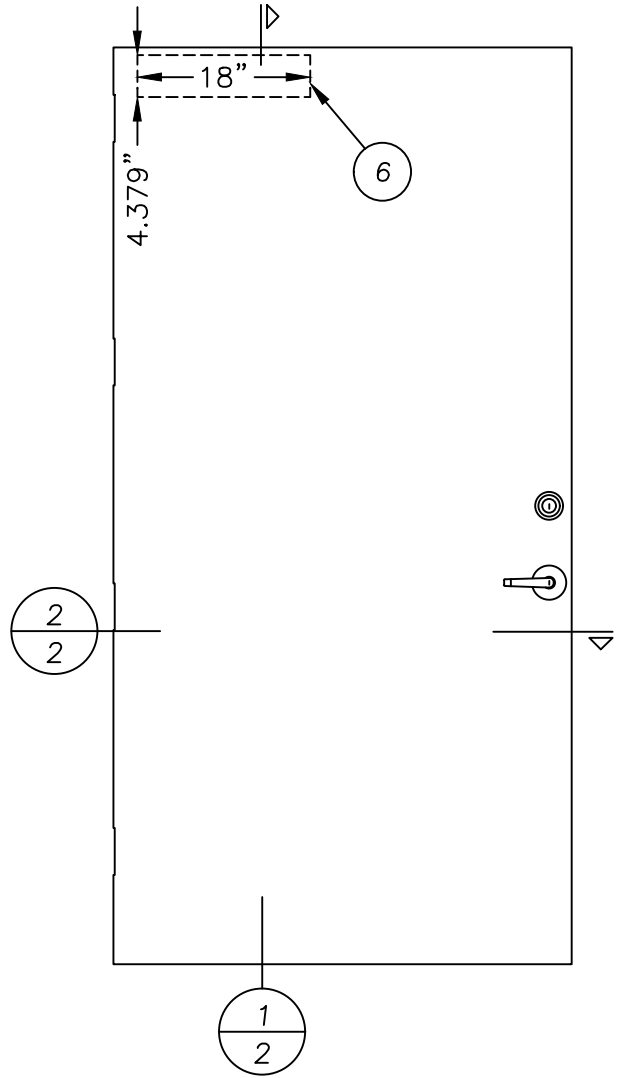
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FL-41788.11

SHEET 1 OF 10

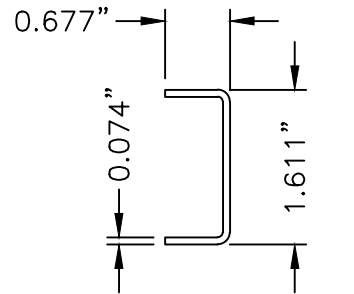
Building Consultants, Inc.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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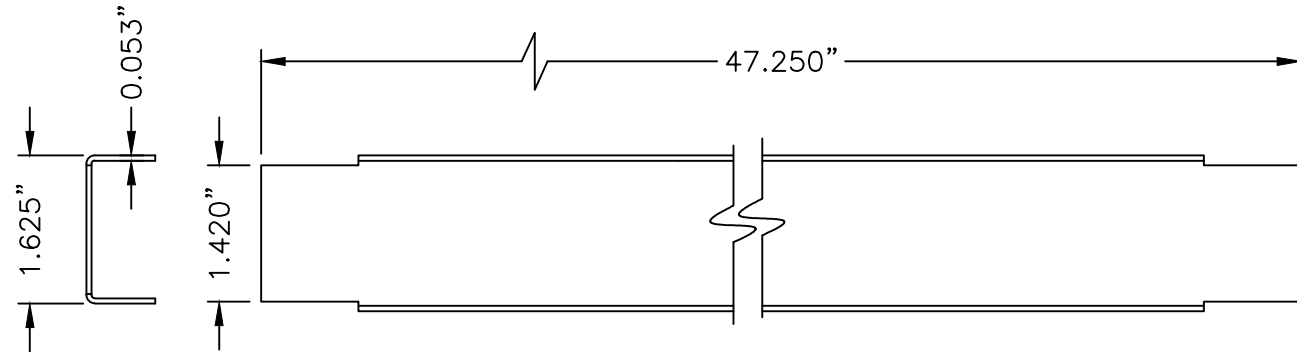
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2
2 HORIZONTAL CROSS SECTION

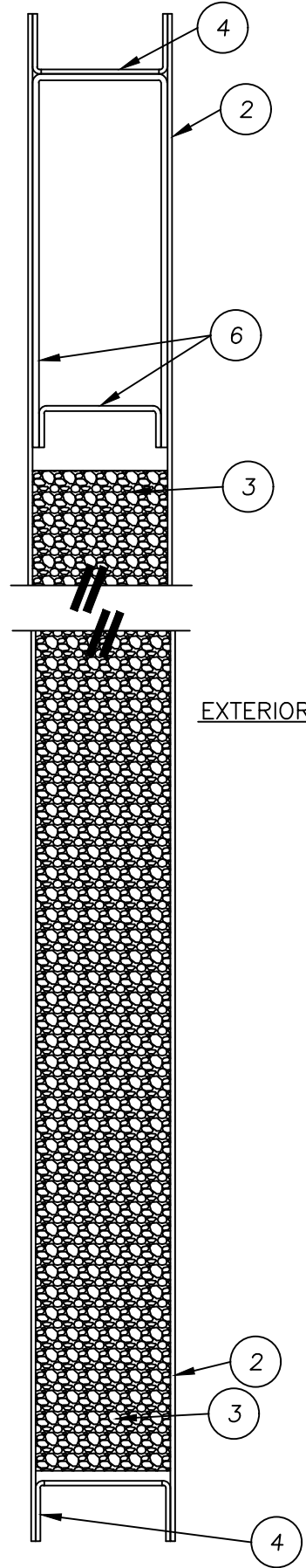


1 DOOR STILE EDGE REINFORCEMENT



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 "NON-IMPACT"

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

PART OR ASSEMBLY:
DOOR PANEL DETAILS

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

DATE: 11/10/22

SCALE: N.T.S.

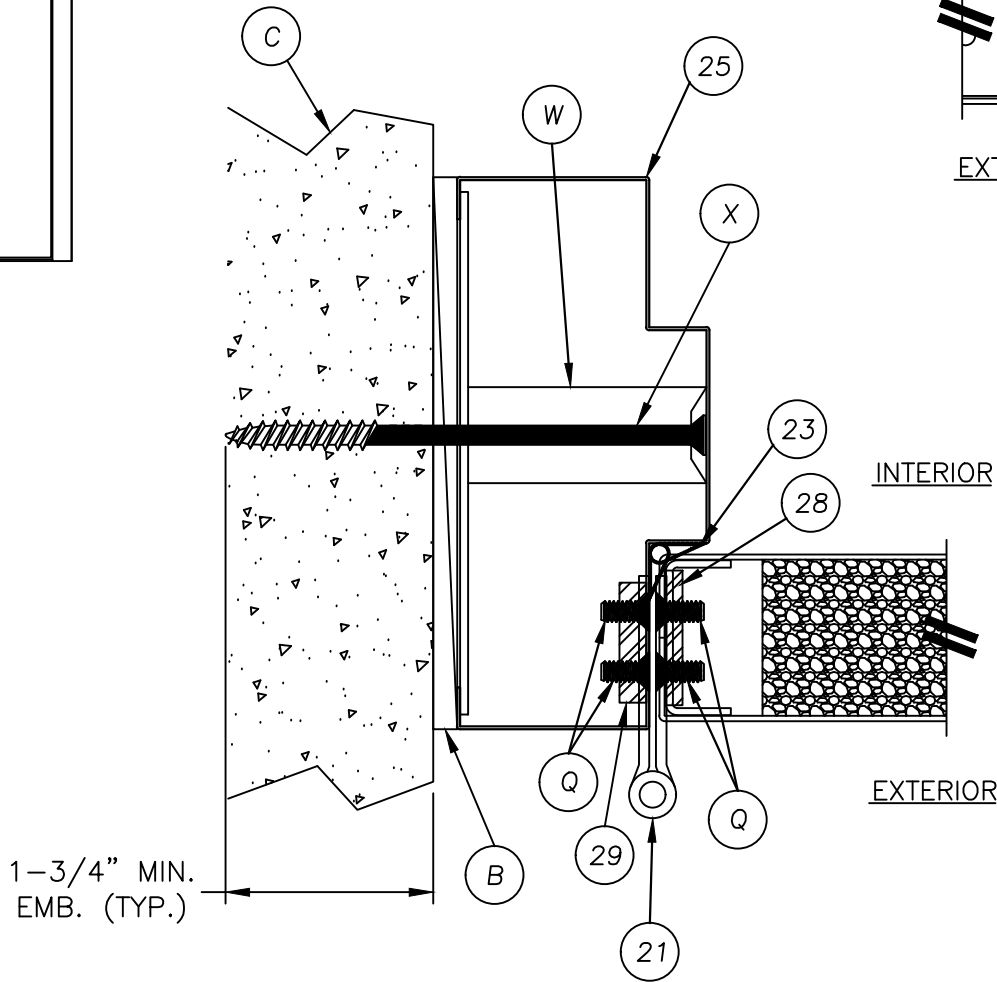
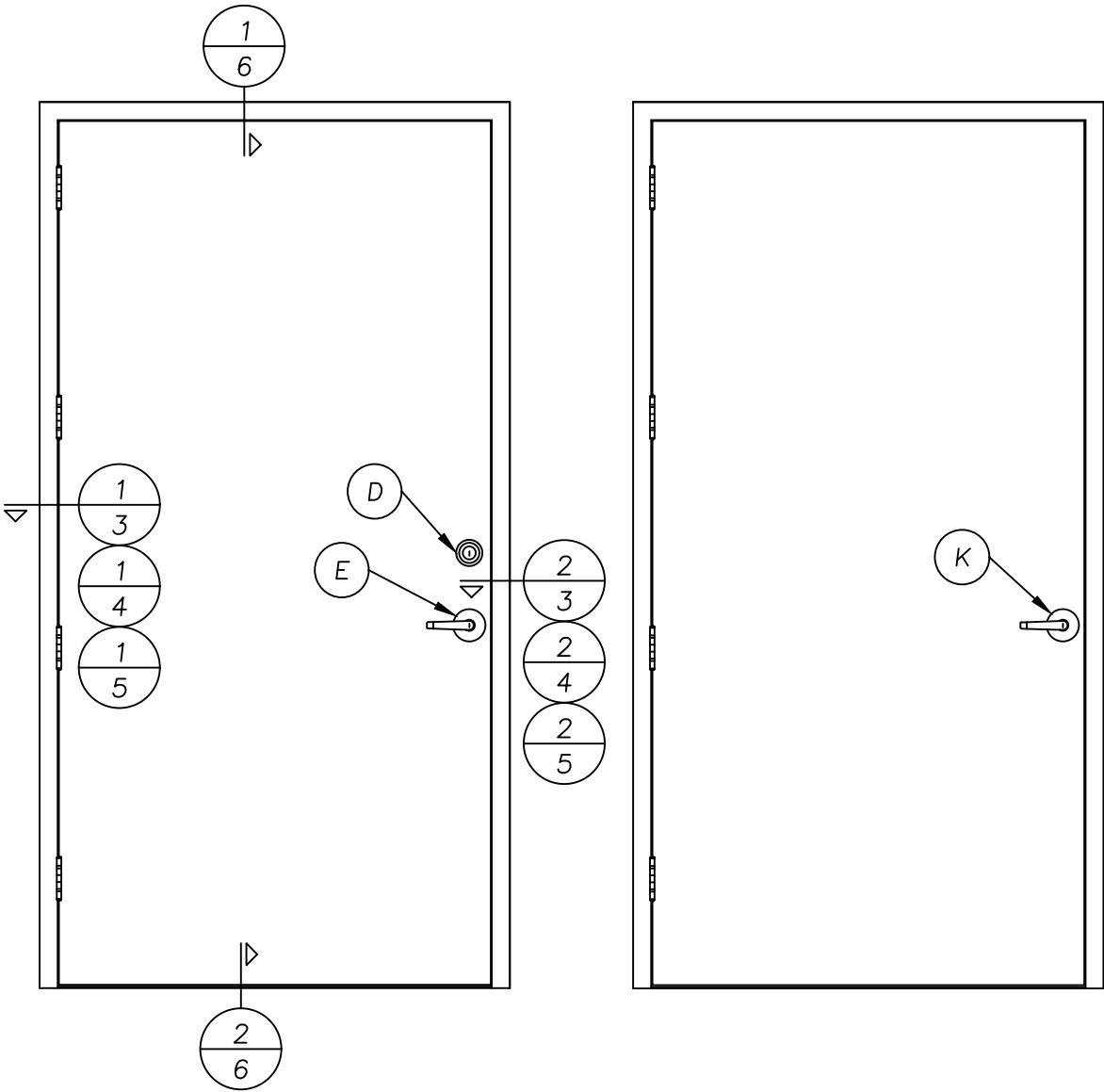
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CHK. BY: RW

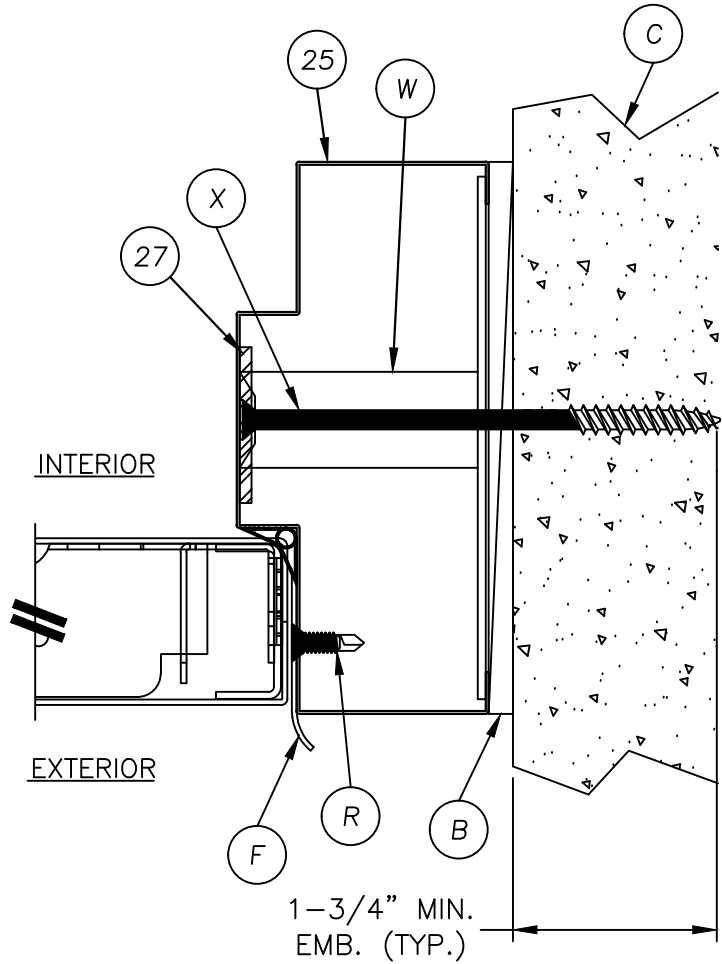
DRAWING NO.: FL-41788.11

SHEET 2 OF 10

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1
3
HORIZONTAL CROSS SECTION
@ HINGE
SHOWN WITH TUBE ANCHOR



2
3
HORIZONTAL CROSS SECTION
@ LATCH
SHOWN WITH TUBE ANCHOR

DATE: 11/10/22
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-41788.11
SHEET 3 OF 10

NO.	DATE	REVISIONS
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		BY

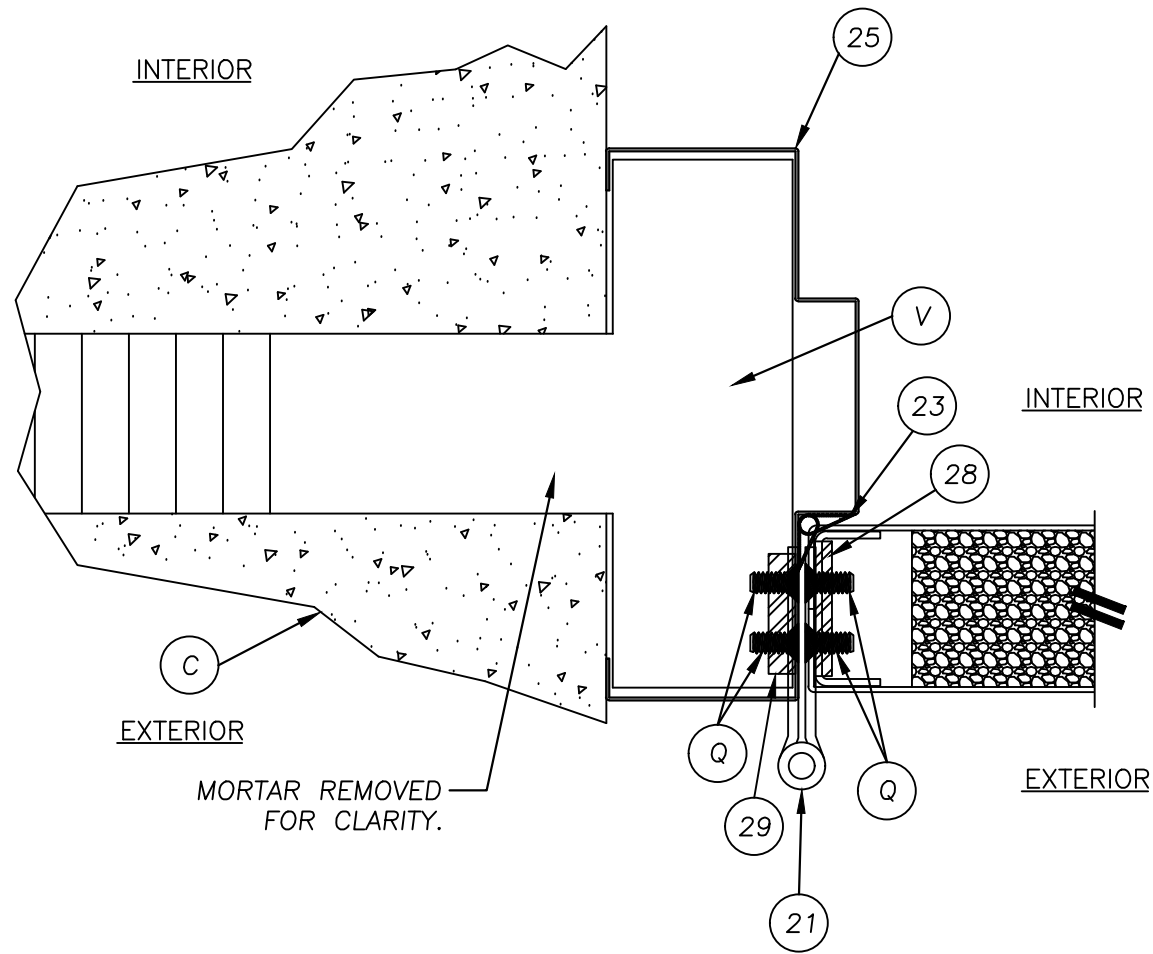
PRODUCT:
PREMIER PRODUCTS, INC.
"D" PANELS "NON-IMPACT"

PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

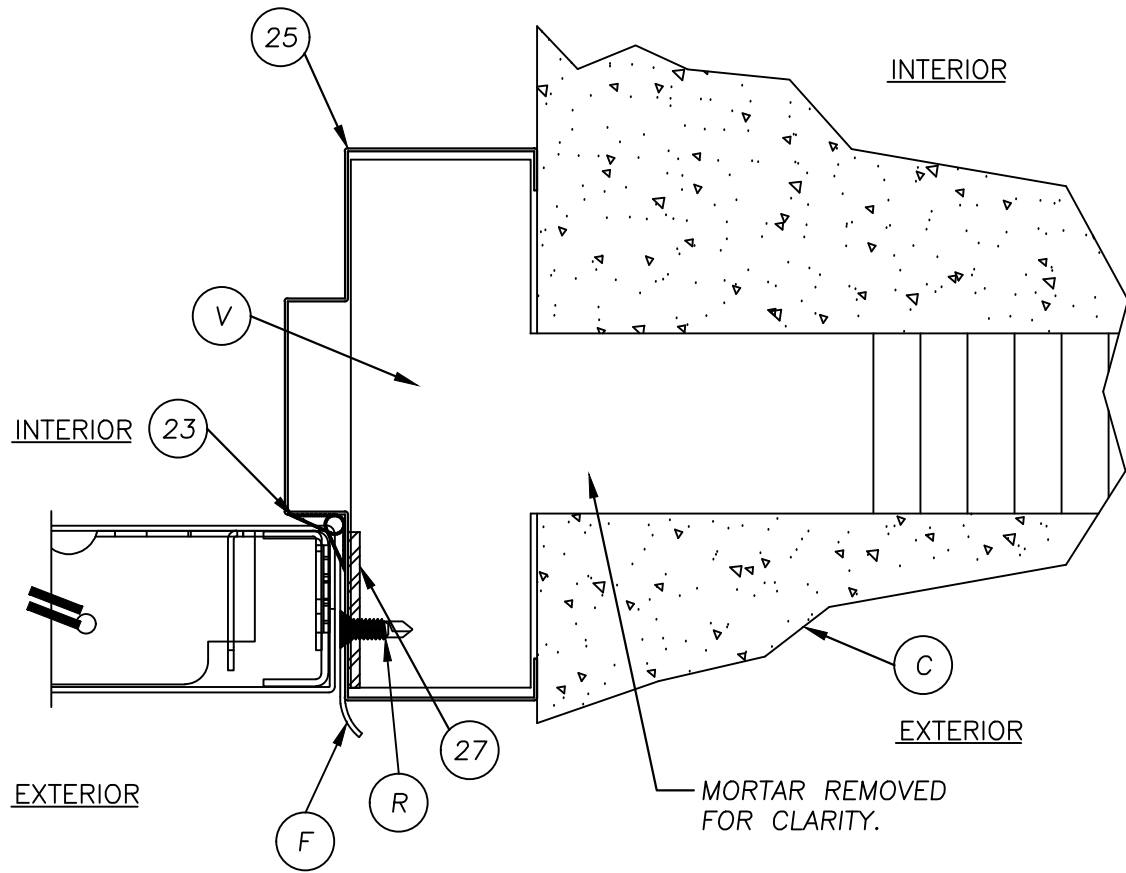
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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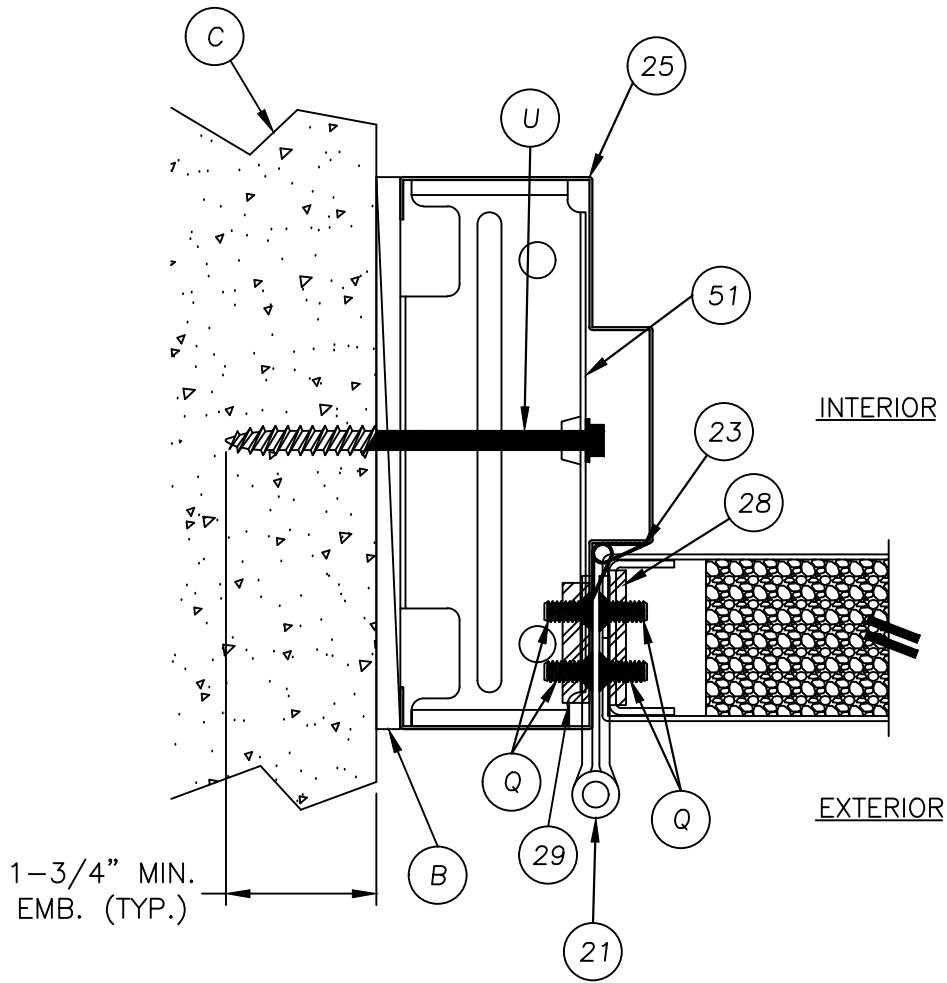
1 HORIZONTAL CROSS SECTION
4 @ LATCH
SHOWN WITH TEE ANCHOR



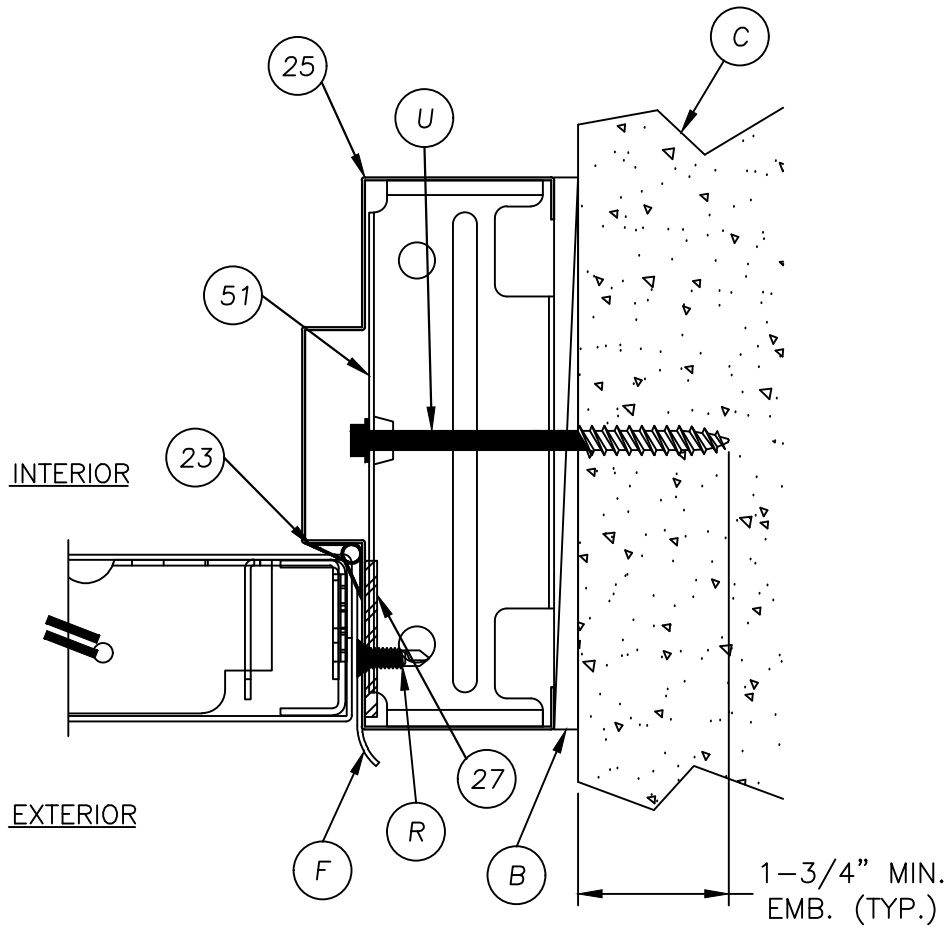
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				DATE: 11/10/22				PRODUCTS PREMIER PRODUCTS, INC. "D" PANELS "NON-IMPACT" PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS REVISIONS DOCUMENTS PREPARED BY: Lyndon F. Schmidt P.E. No. 43409 RW BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			

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1 HORIZONTAL CROSS SECTION
5 @ LATCH
SHOWN WITH UNIVERSAL ANCHOR



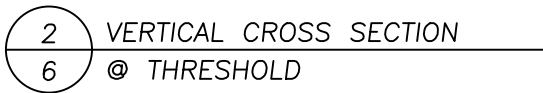
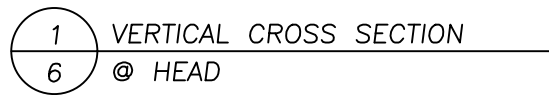
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5 @ LATCH
SHOWN WITH UNIVERSAL ANCHOR

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SCALE: N.T.S.		Lyndon F. Schmidt	
DWG. BY: LFS		P.E. No. 43409	
CHK. BY: RW		BUILDING CONSULTANTS, INC.	
DRAWING NO.: FL-41788.11		P.O. Box 230, Valrico, FL 33595	
SHEET 5 OF 10		Phone No.: 813.659.9197	
		FBPE Registry No. 9813	

PRODUCT:	PREMIER PRODUCTS, INC. "D" PANELS "NON-IMPACT"
PART OR ASSEMBLY:	HORIZONTAL CROSS SECTIONS

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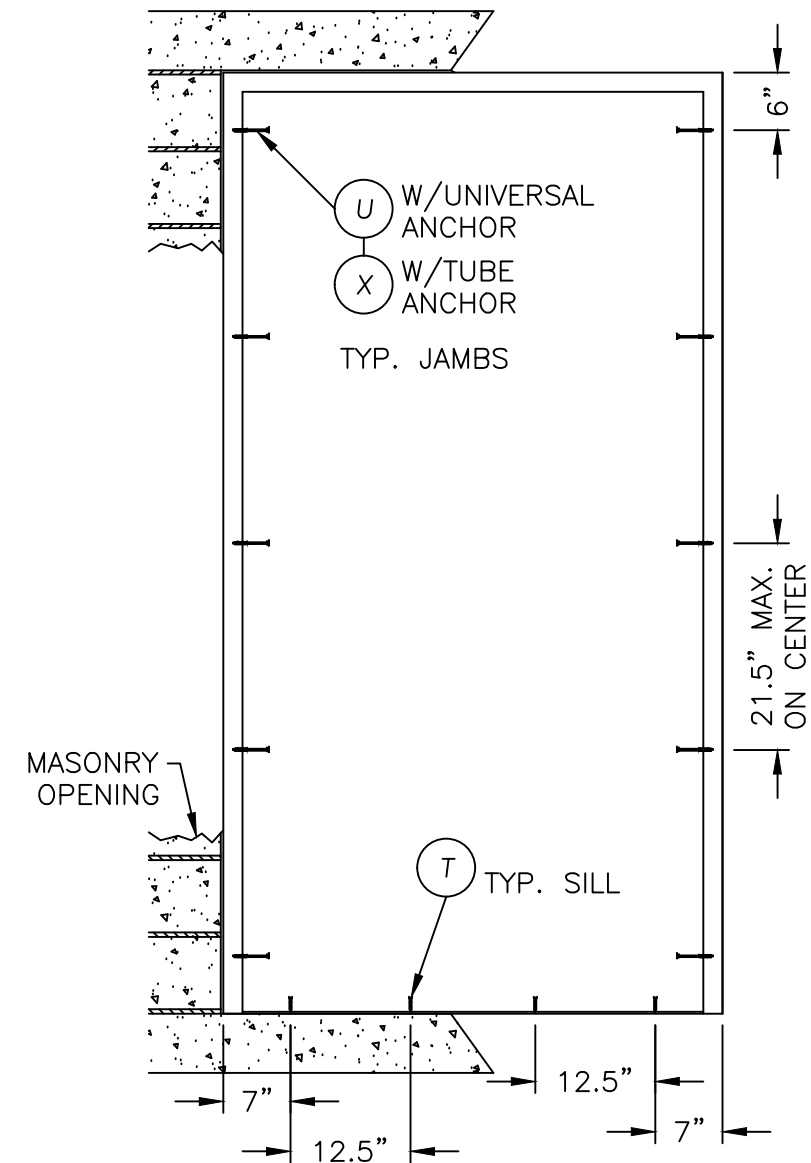
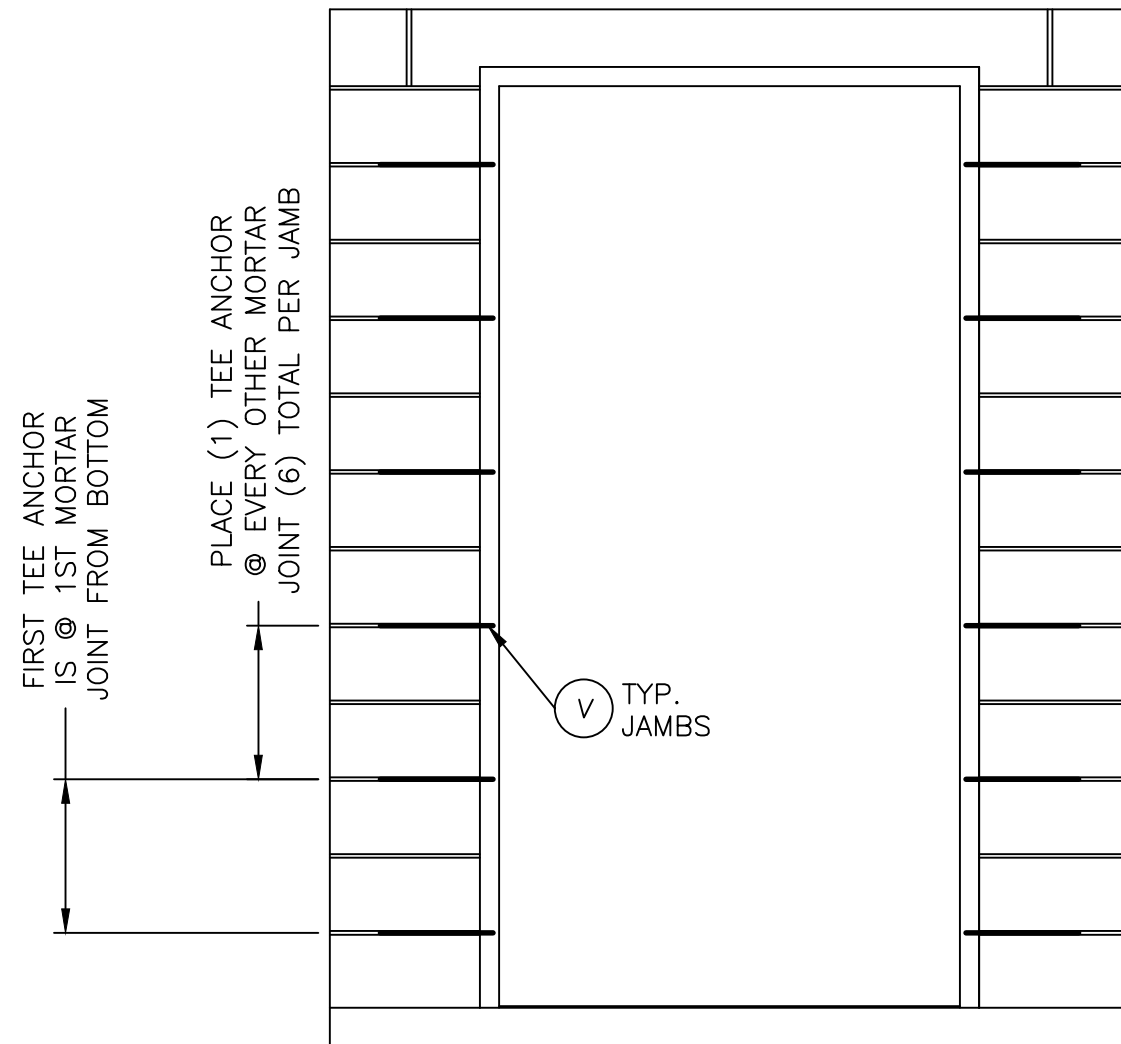


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PRODUCT: PREMIER PRODUCTS, INC.
"D" PANELS "NON-IMPACT"

PART OR ASSEMBLY: VERTICAL CROSS SECTIONS

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P.O. Box 230, Valrico, FL 33595
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CONCRETE ANCHOR NOTES:

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. 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.
3. 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"

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

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REVISIONS				

DATE: 11/10/22

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CHK. BY: *RW*

DRAWING NO.:

FL-41788.11

SHEET 7 OF 10

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

PART OR ASSEMBLY:

**BUCK AND FRAME
ANCHORING**

PART OR ASSEMBLY:

BACK AND FRAME ANCHORING

Documents Prepared By:

Lyndon F. Schmidt
P.E. No. 43409

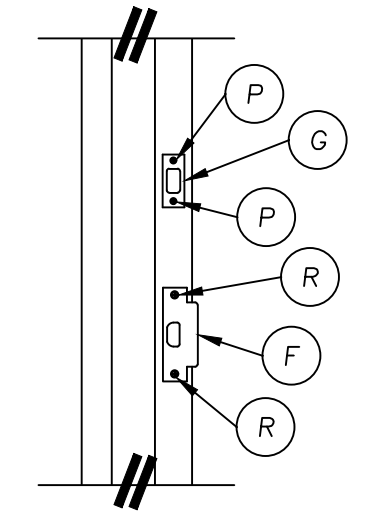
B&B BUILDING CONSULTANTS, INC.

P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197

FBPE Registry No. 9813

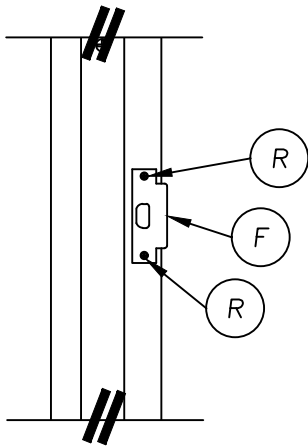
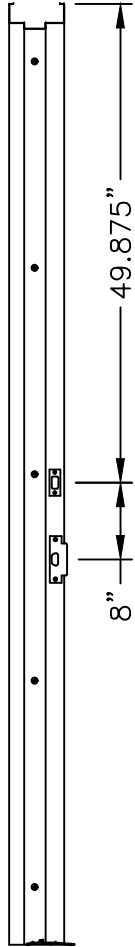
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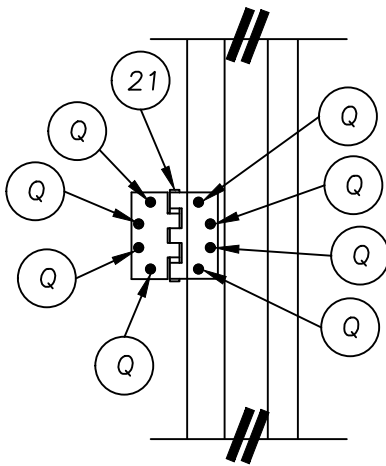
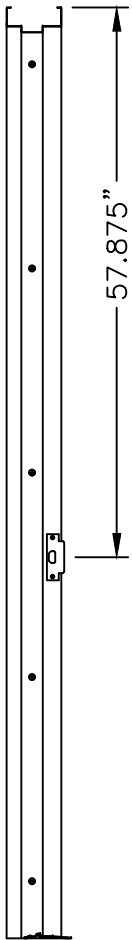
STRIKE PLATE DETAIL
ANSI STRIKE & DEADBOLT

STRIKE PLATE
LOCATIONS 2" HEAD



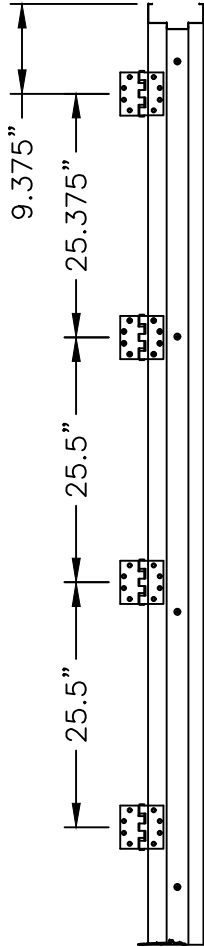
STRIKE PLATE DETAIL
ANSI STRIKE

STRIKE PLATE
LOCATION 2" HEAD



HINGE DETAIL

HINGE LOCATIONS
2" HEAD



DATE: 11/10/22
SCALE: N.T.S.
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SHEET 8 OF 10

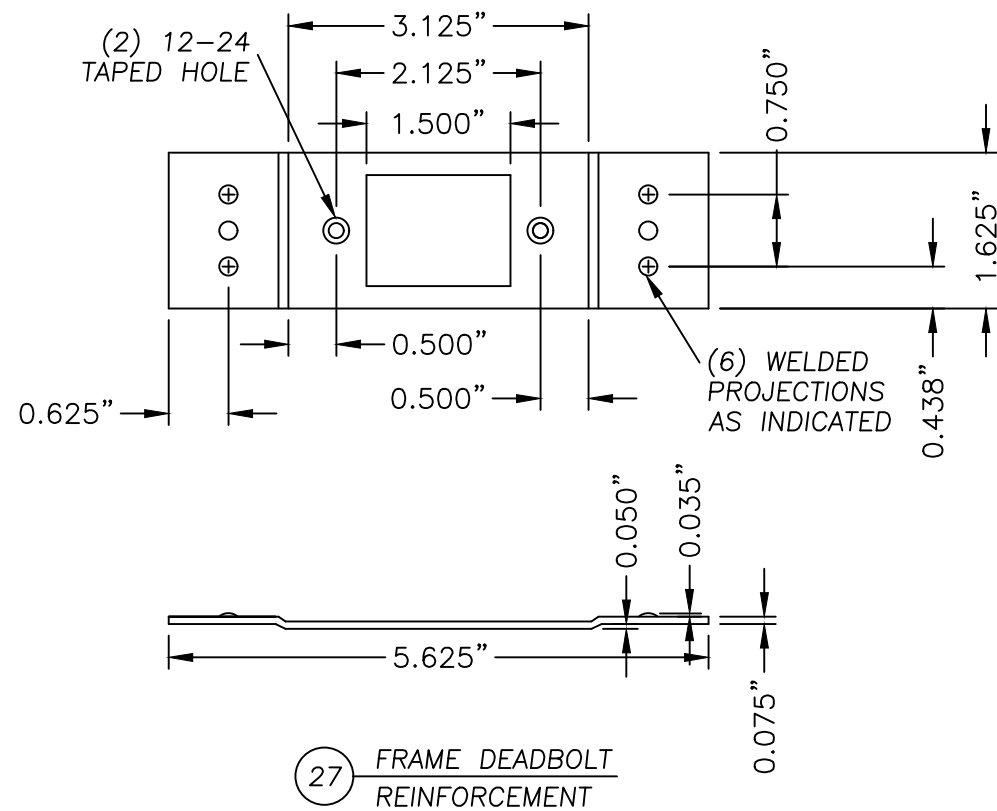
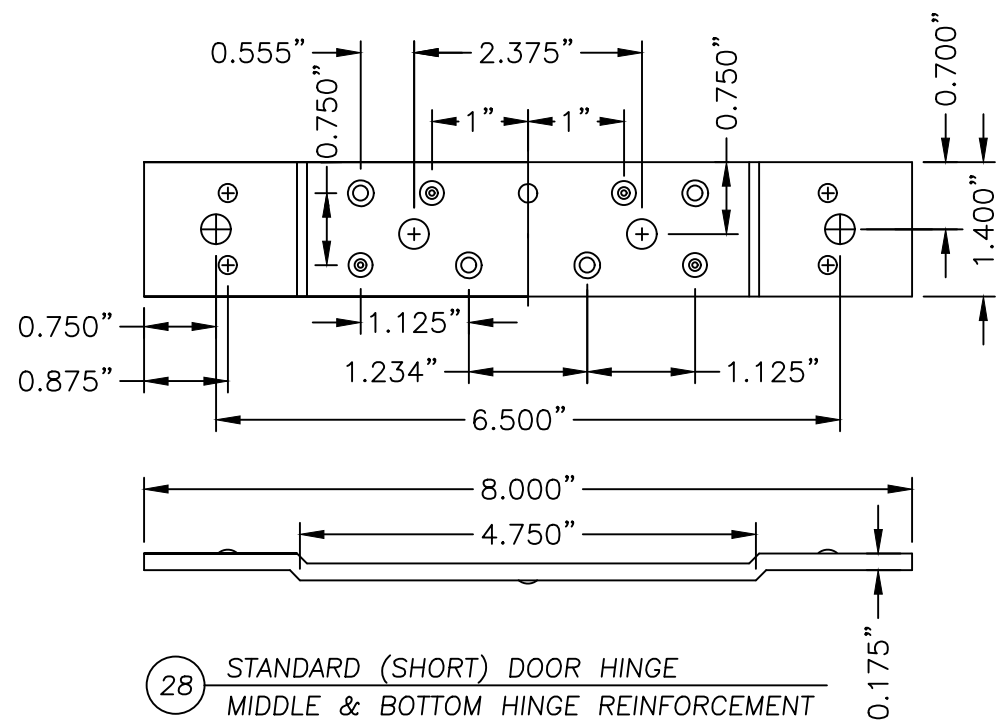
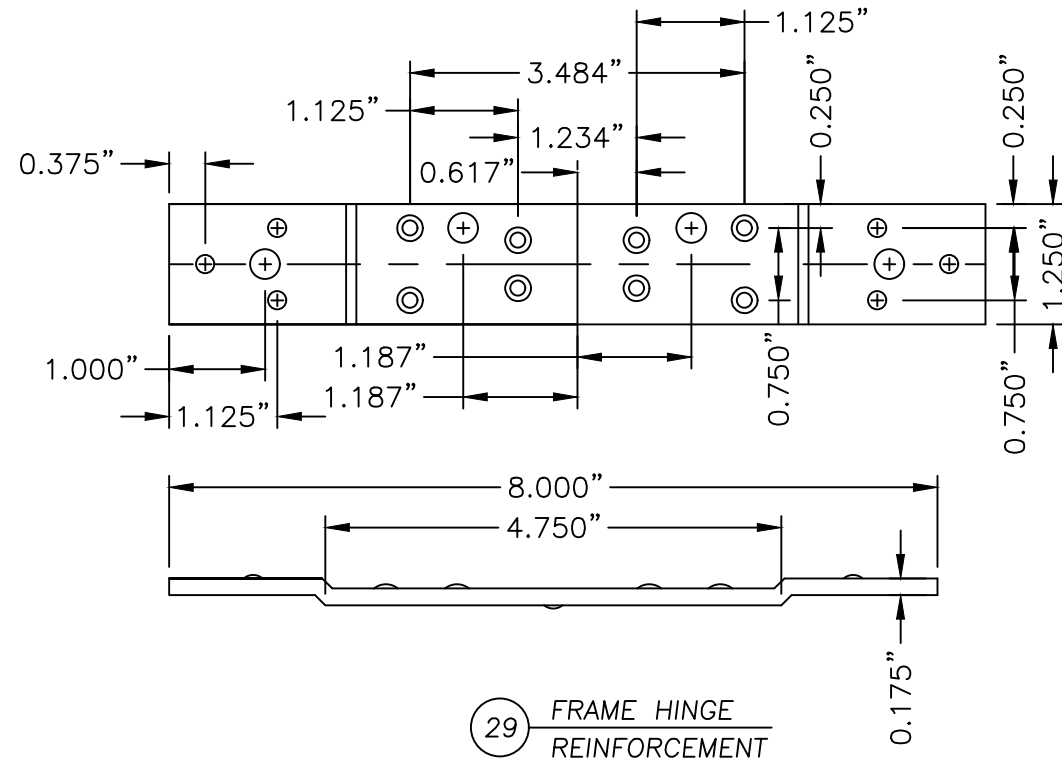
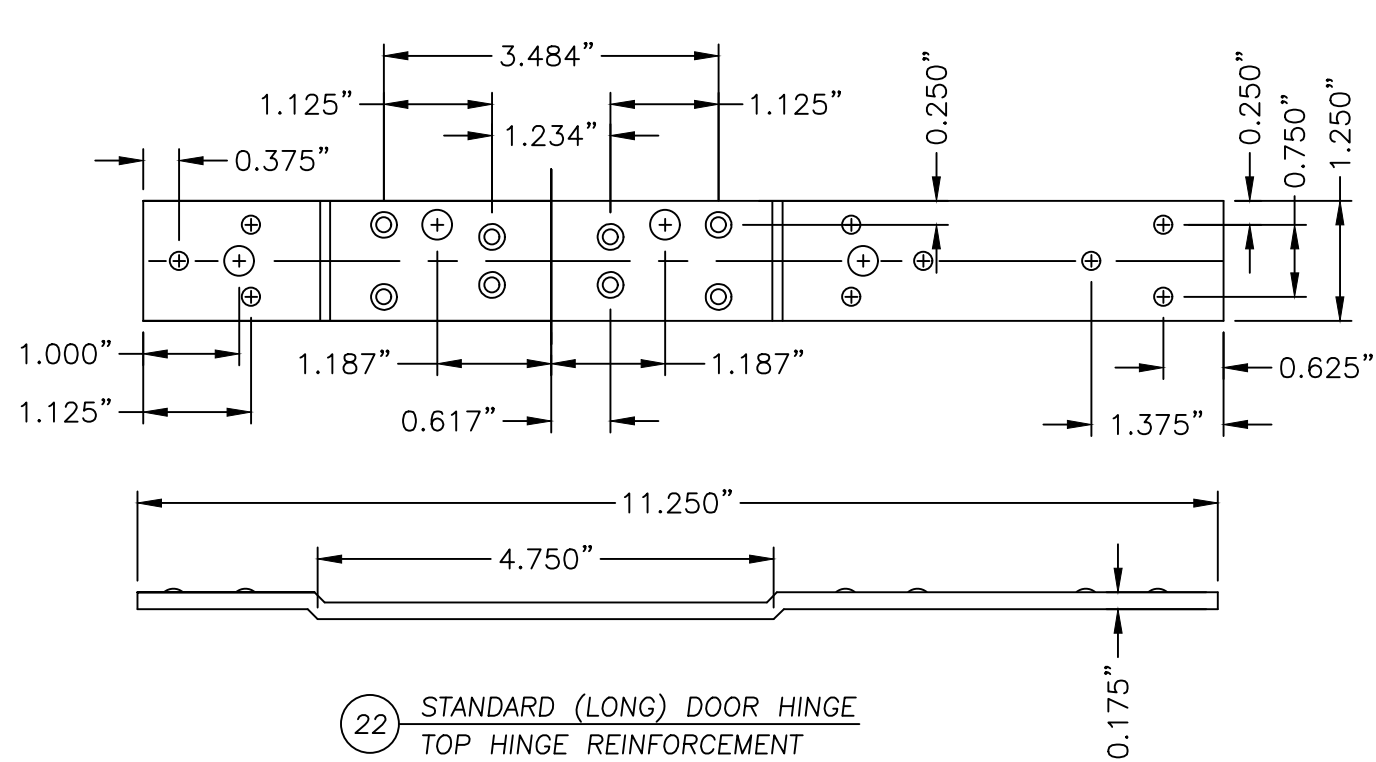
NO.	DATE	REVISIONS
1	8/21/23	UPDATE TO 8TH ED. (2023) FBC LFS
		BY

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

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

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

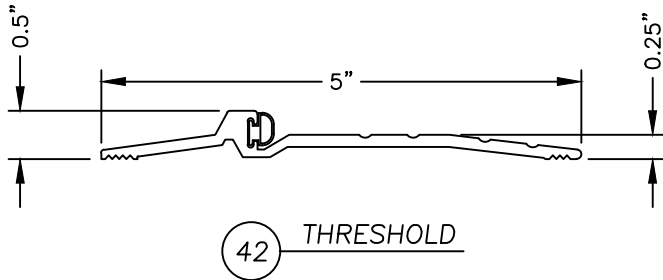
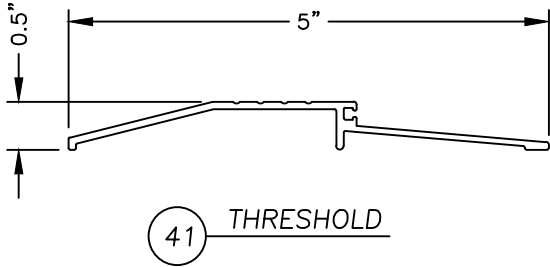
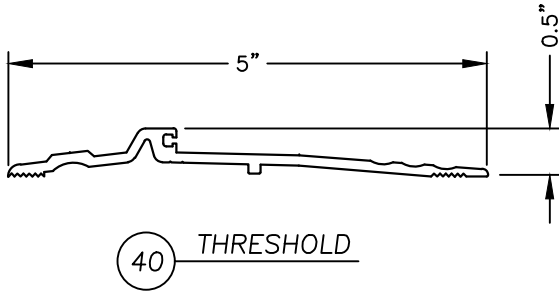
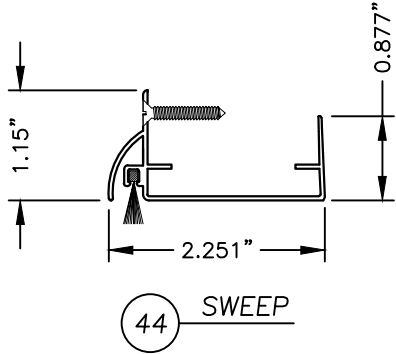
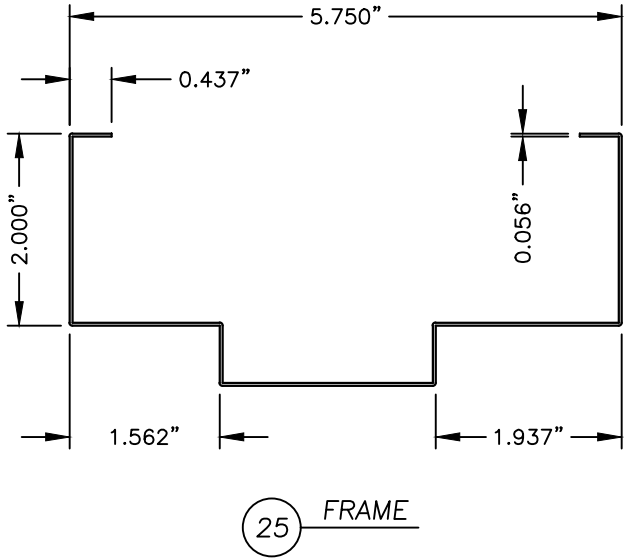
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PRODUCT: PREMIER PRODUCTS, INC. "D" PANELS "NON-IMPACT"		PART OR ASSEMBLY: COMPONENTS	
DATE: 11/10/22		SCALE: N.T.S.	
DWG. BY: LFS		CHK. BY: RW	
DRAWING NO.: FL-41788.11		SHEET 9 OF 10	
NO. DATE		REVISIONS	
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BILL 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
K	SCHLAGE LOCKSET ASSEMBLY ND53PD	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
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



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

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

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

DATE: 11/10/22

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-41788.11

SHEET 10 OF 10

REVISIONS

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

RW

BUILDING CONSULTANTS, INC.

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