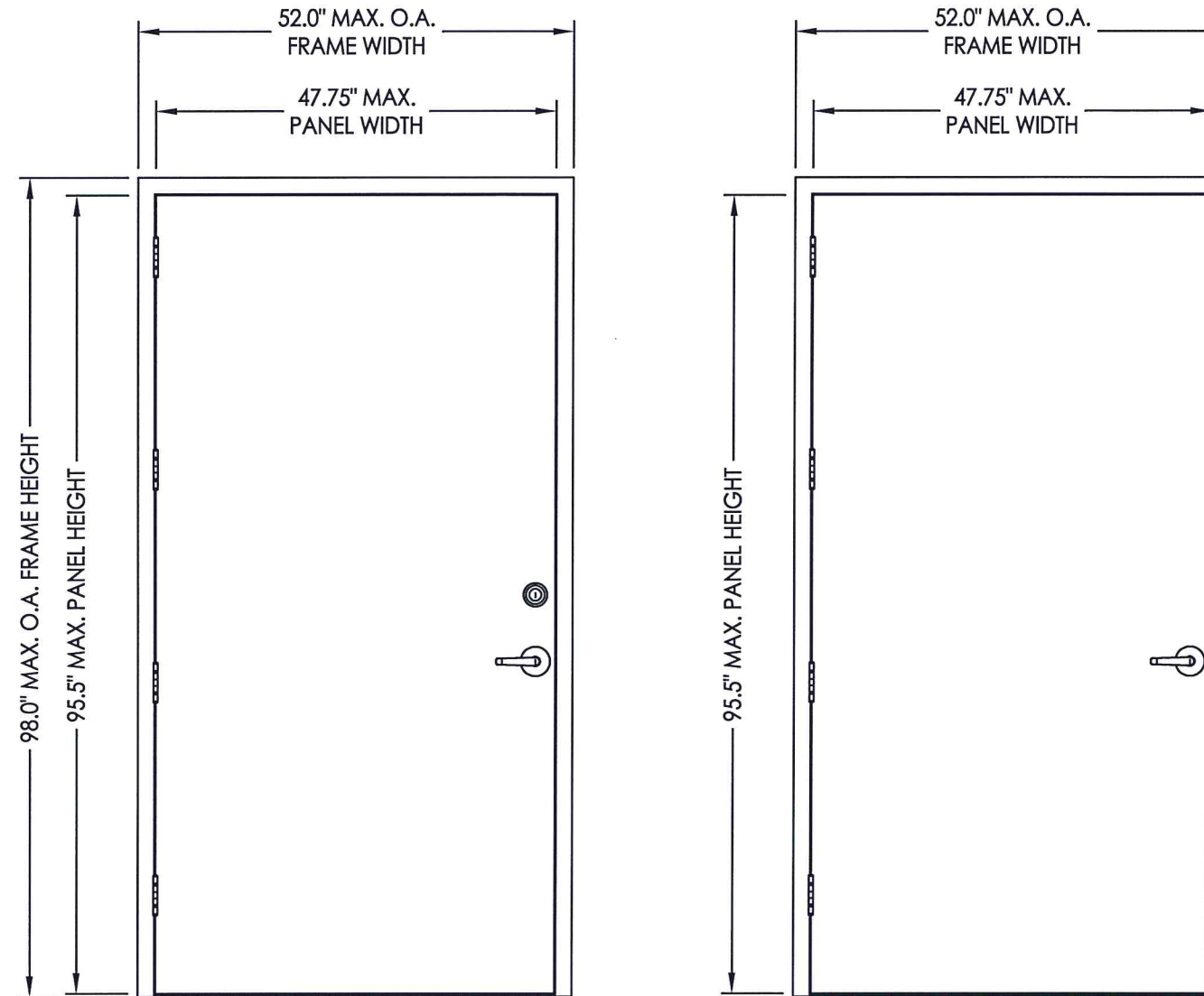


"D" SERIES SINGLE OPAQUE DOOR "NON-IMPACT" OUTSWING



GENERAL NOTES

- This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- 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.
- The "D" door achieves a Class I stiffness classification per Section 8.2.2 of ANSI A250.13.
- 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

L. SCHMIDT
FLORIDA LICENSE
No. 43409

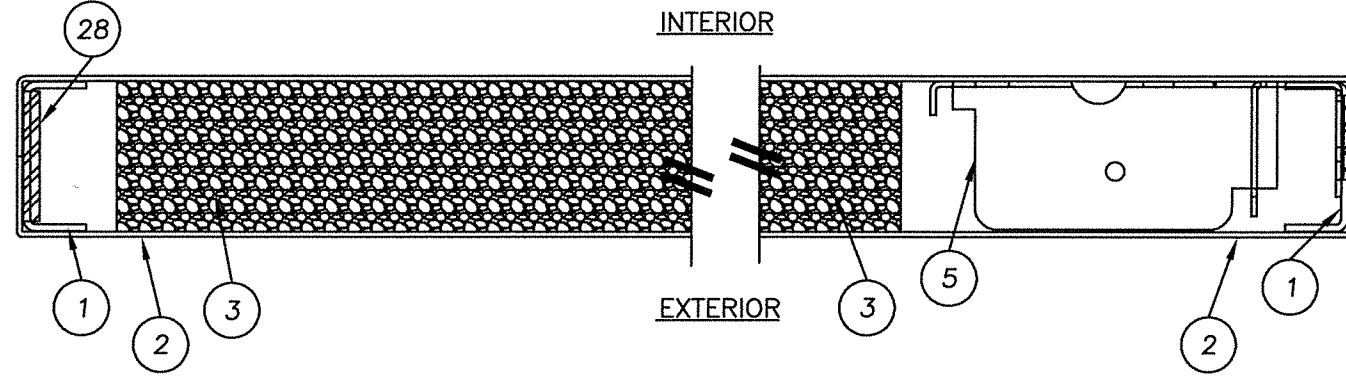
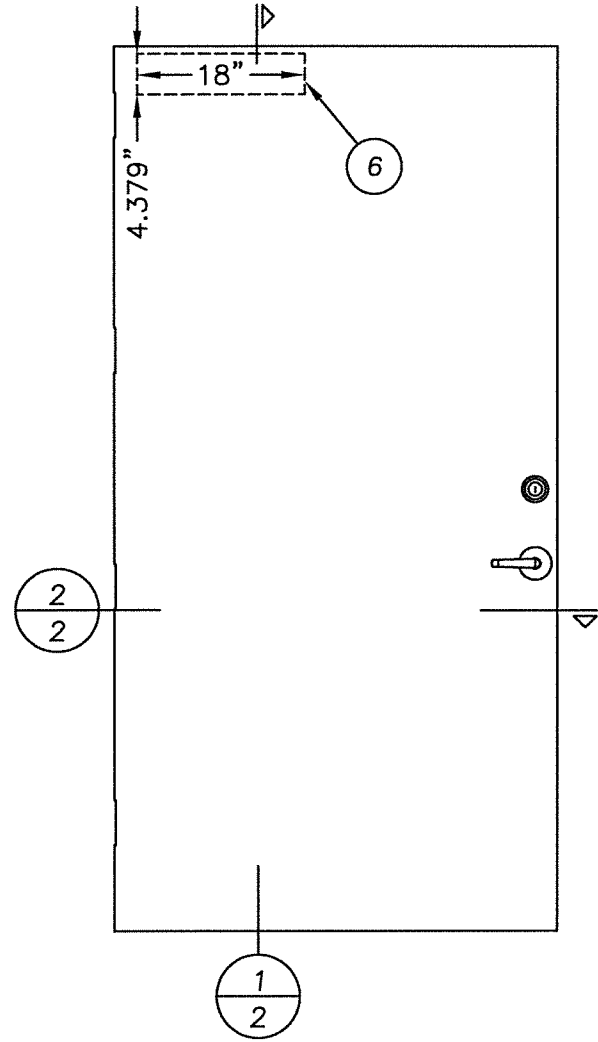
November 15, 2022

Documents Prepared By:
Lyndon F. Schmidt
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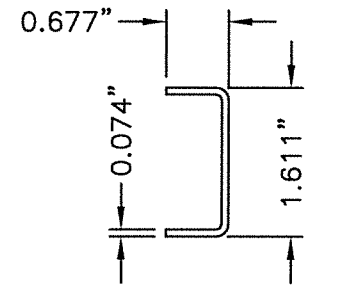
PROFESSIONAL ENGINEER
STATE OF FLORIDA

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

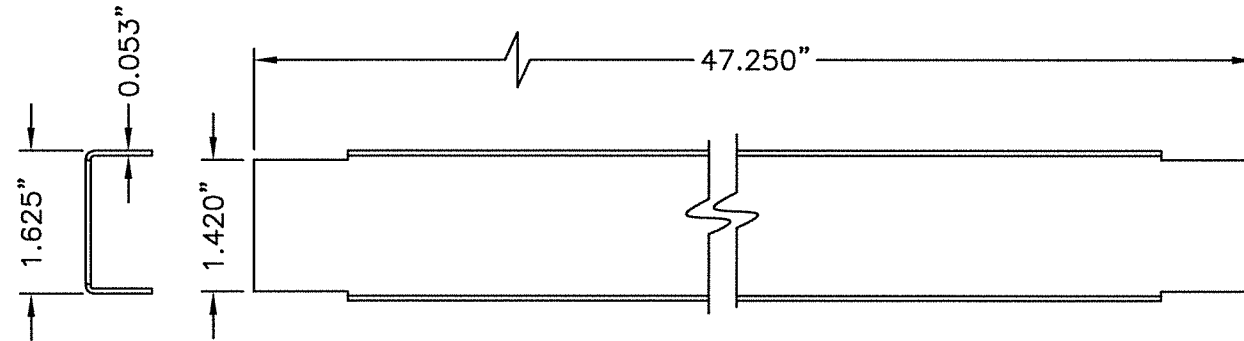
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PREMIER PRODUCTS, INC. "D" PANELS "NON-IMPACT"				
PART OR ASSEMBLY:				
TYPICAL ELEVATIONS, DESIGN PRESSURES & GENERAL NOTES				
REVISIONS				
DATE: 11/10/22				
SCALE: N.T.S.				
DWG. BY: LFS				
CHK. BY: RW				
DRAWING NO.: FL-41788.11				
SHEET 1 OF 10				



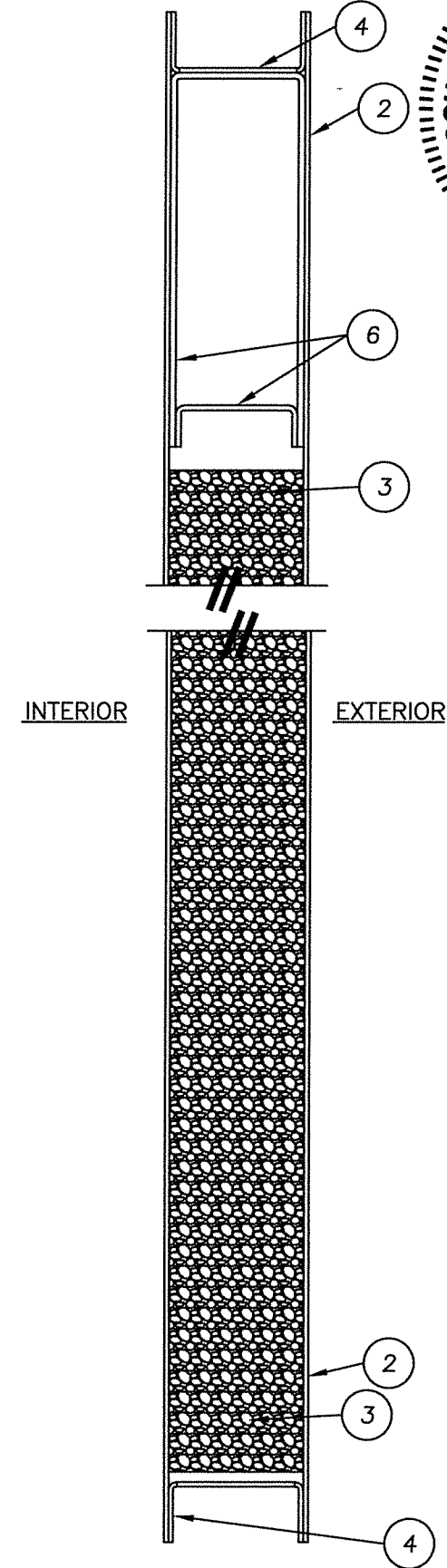
2 HORIZONTAL CROSS SECTION



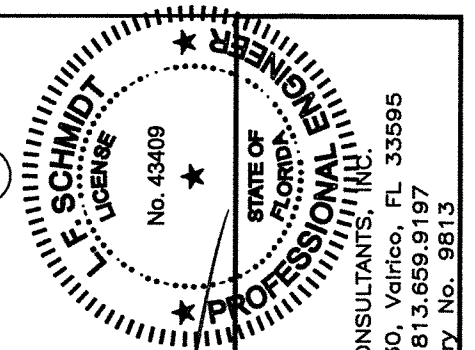
1 DOOR STILE EDGE REINFORCEMENT



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



1 VERTICAL CROSS SECTION

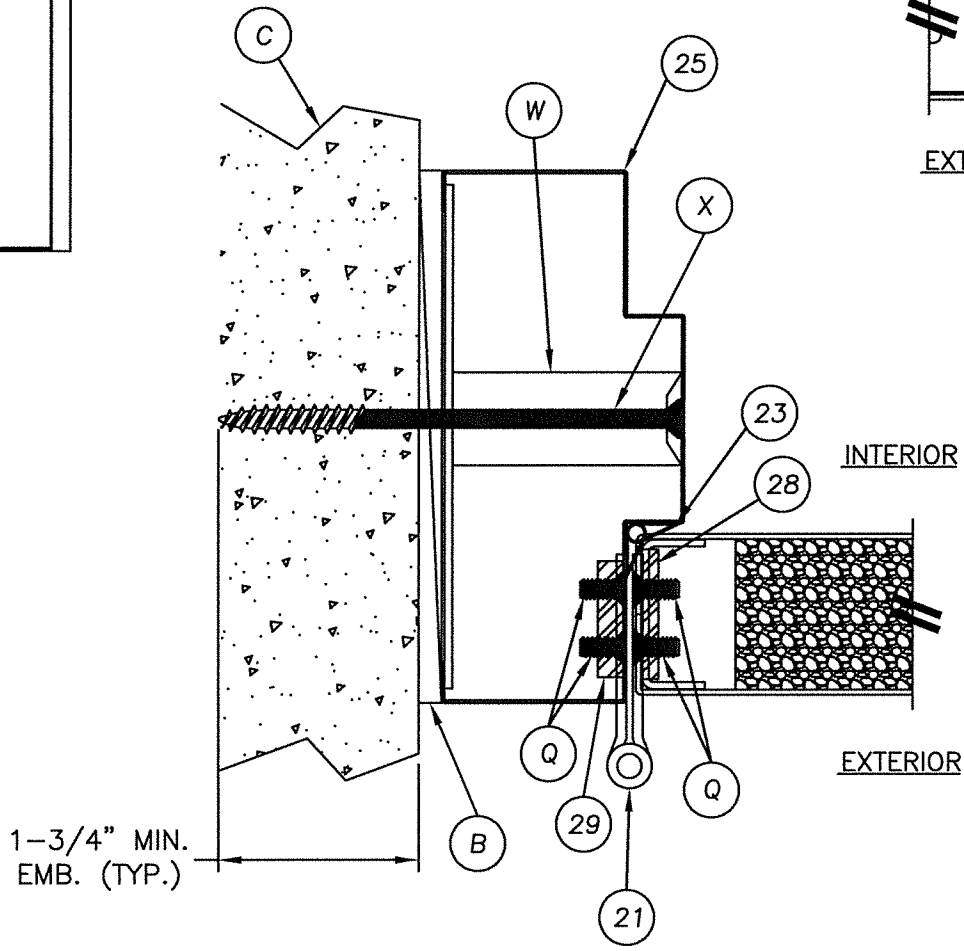
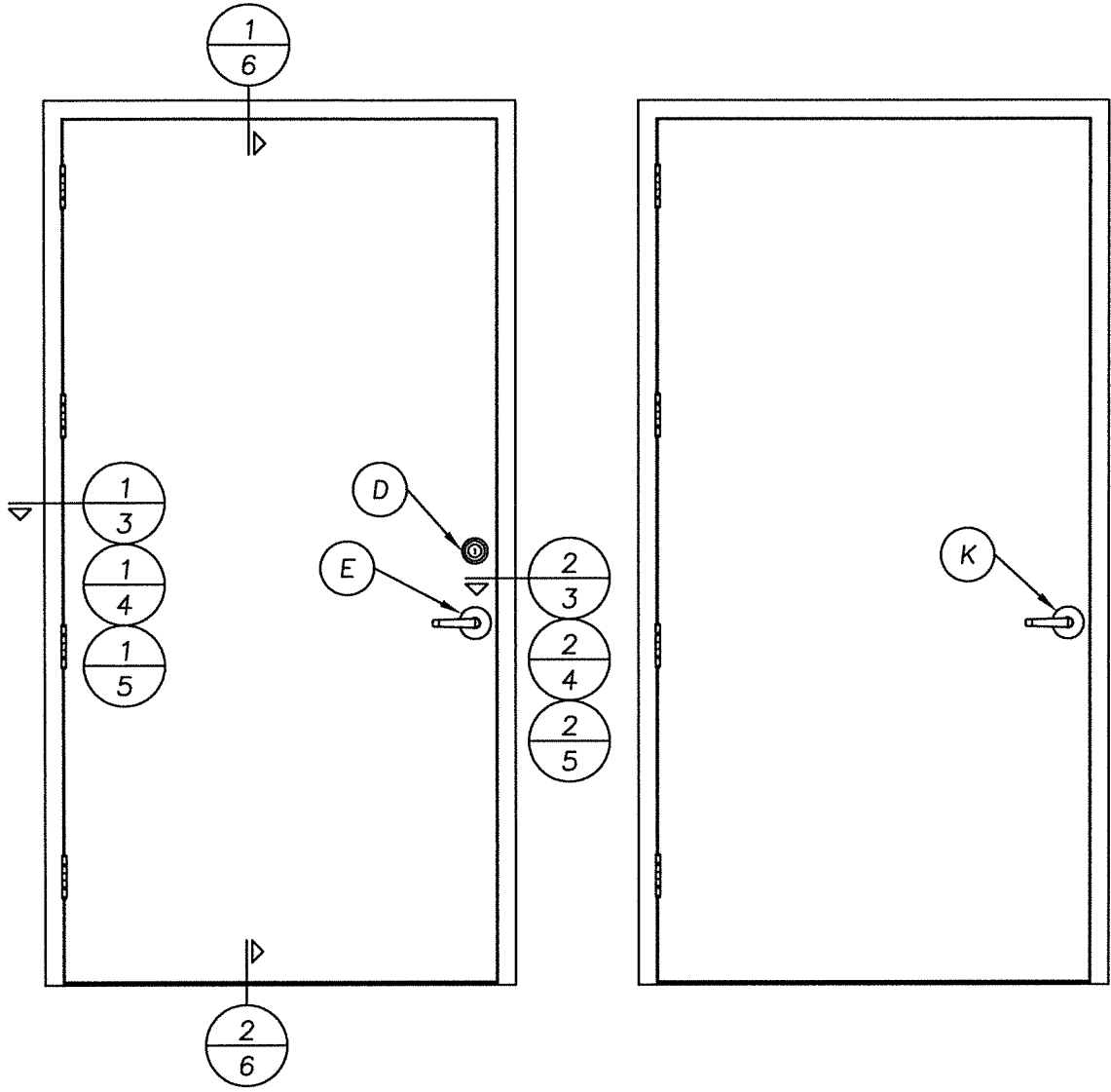


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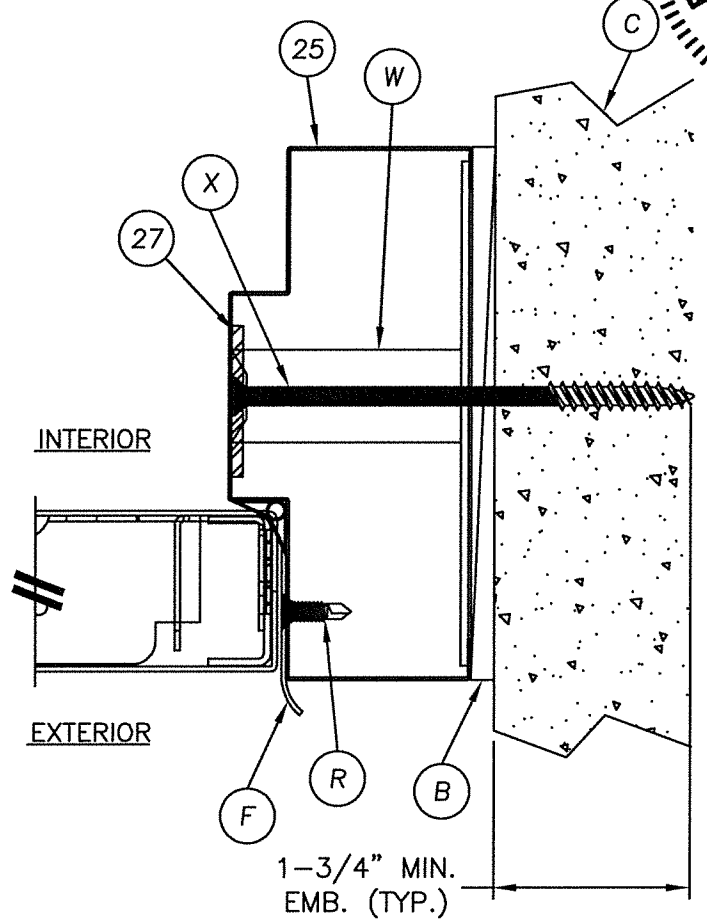
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 "D" PANELS "NON-IMPACT"
 PART OR ASSEMBLY:
 DOOR PANEL DETAILS

NO.	DATE	REVISIONS	BY

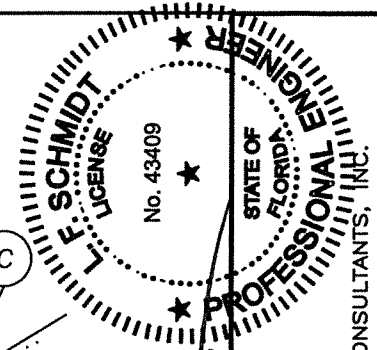
DATE: 11/10/22
 SCALE: N.T.S.
 DWG. BY: LFS
 CHK. BY: RW
 DRAWING NO.:
 FL-41788.11
 SHEET 2 OF 10



1 HORIZONTAL CROSS SECTION @ HINGE SHOWN WITH TUBE ANCHOR



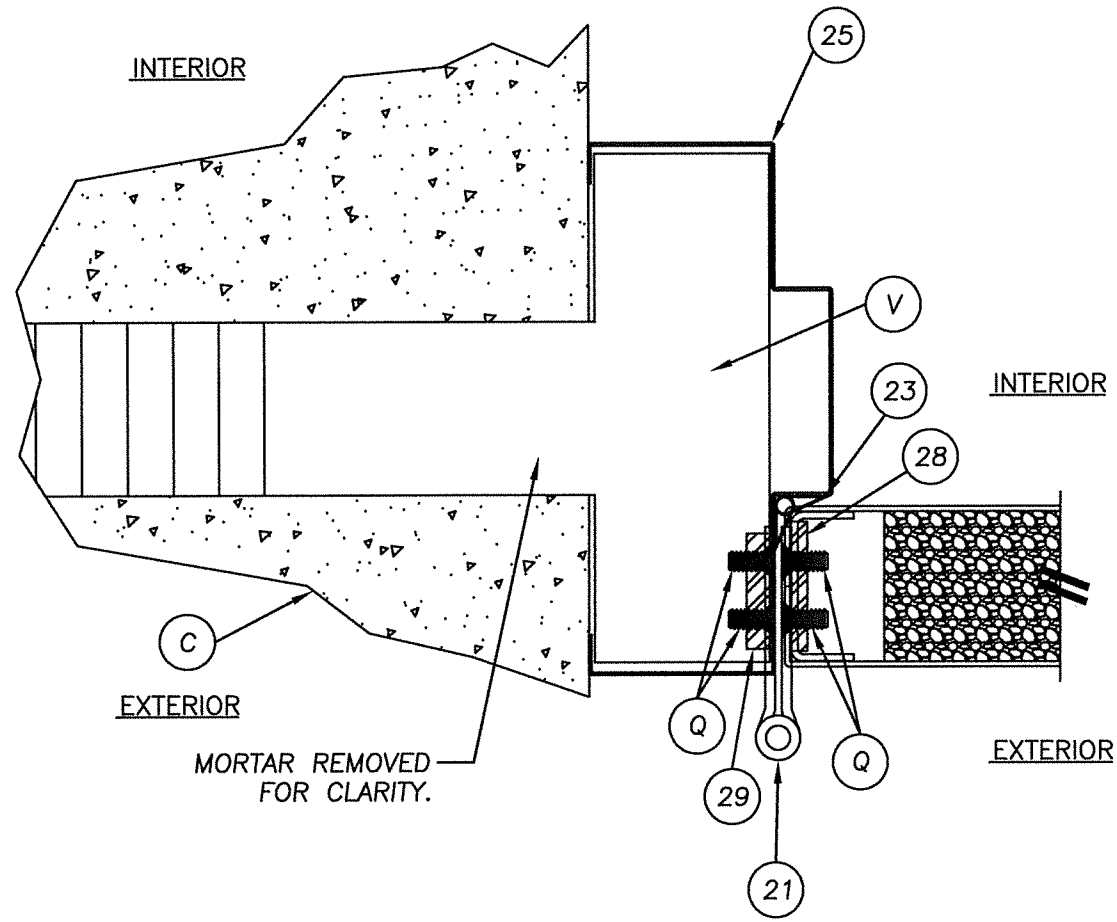
2 HORIZONTAL CROSS SECTION @ LATCH SHOWN WITH TUBE ANCHOR



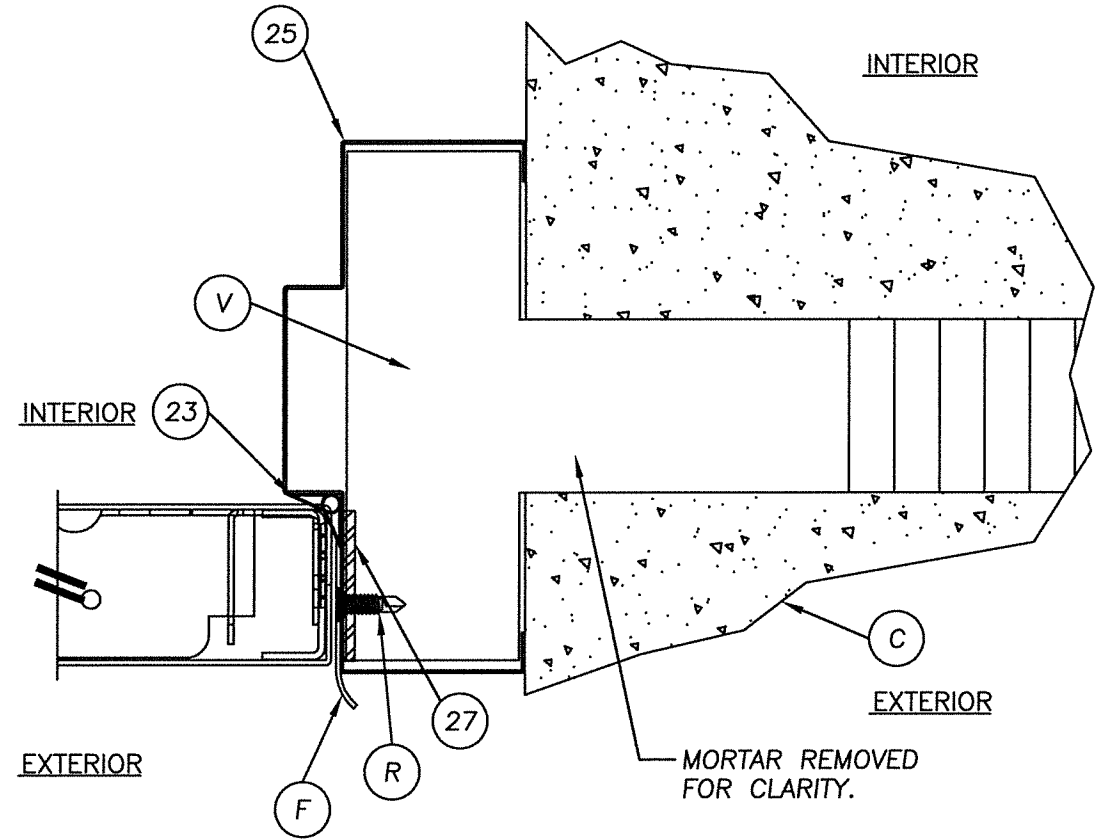
November 15, 2022
 Documents Prepared By:
 Lyndon F. Schmidt
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 P.O. Box 230, Valrico, FL 33595
 Phone No.: 813.659.9197
 FBPE Registry No. 9813

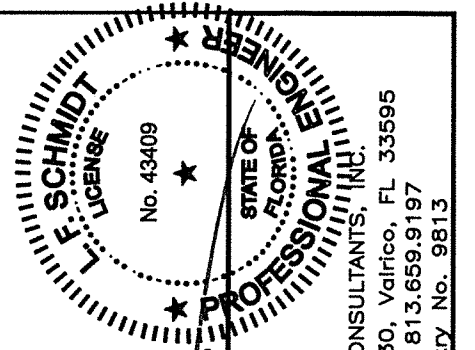
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PART OR ASSEMBLY:	HORIZONTAL CROSS SECTIONS
NO.	DATE
BY	REVISIONS
DATE: 11/10/22	
SCALE: N.T.S.	
DWG. BY: LFS	
CHK. BY: RW	
DRAWING NO.: FL-41788.11	
SHEET 3 OF 10	



1 HORIZONTAL CROSS SECTION
4 @ LATCH SHOWN WITH TEE ANCHOR



2 HORIZONTAL CROSS SECTION
4 @ LATCH SHOWN WITH TEE ANCHOR

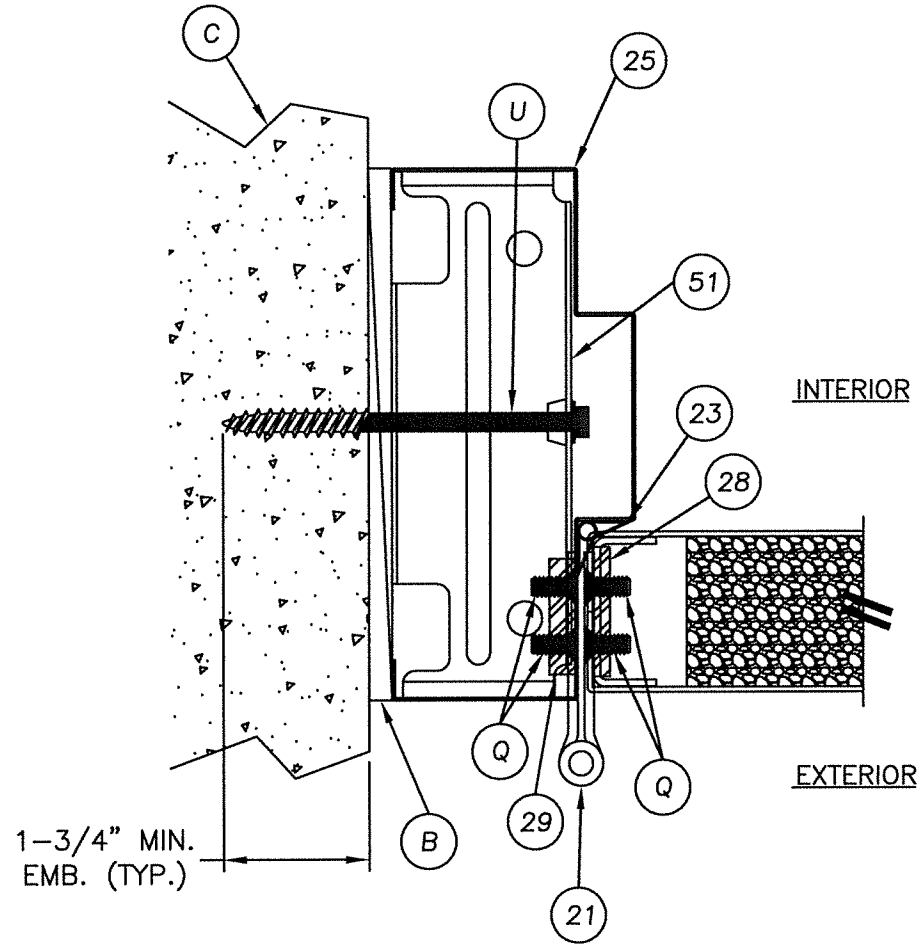


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RW BUILDING CONSULTANTS, INC.
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Phone No.: 813.659.9197
FBPE Registry No. 9813

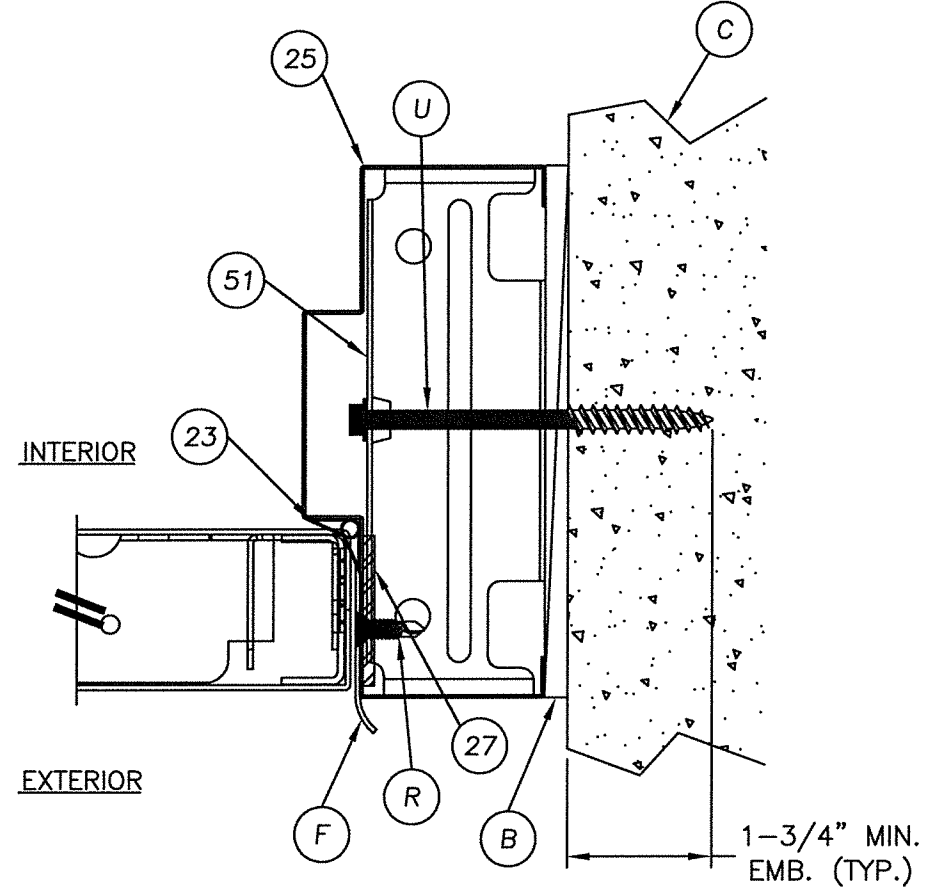
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PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS

NO.	DATE	REVISIONS	BY

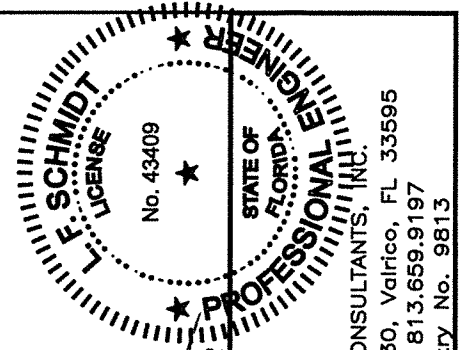
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SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-41788.11
SHEET 4 OF 10



1 HORIZONTAL CROSS SECTION
 5 @ LATCH SHOWN WITH UNIVERSAL ANCHOR



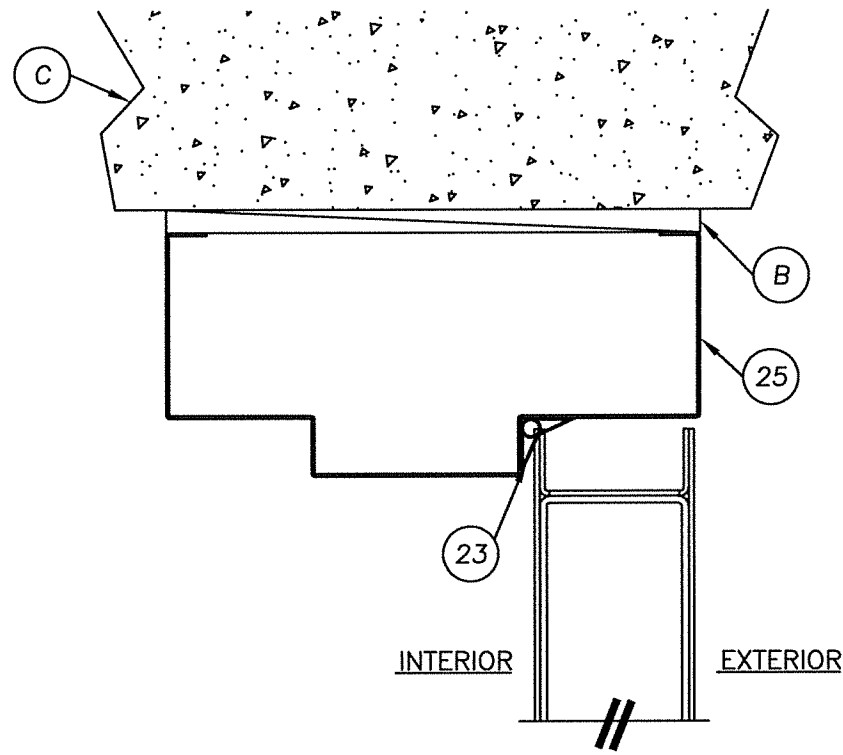
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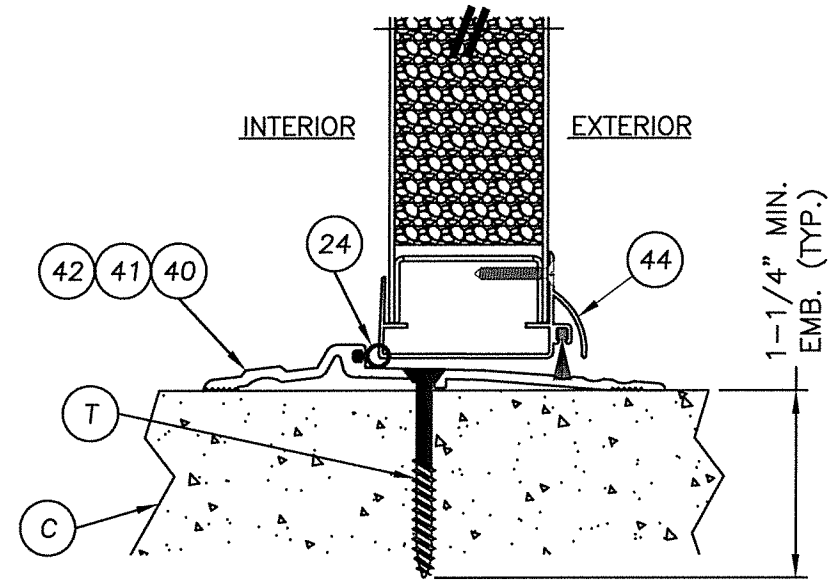
November 15, 2022
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PROFESSIONAL ENGINEER
 STATE OF FLORIDA
 R.W. BUILDING CONSULTANTS, INC.
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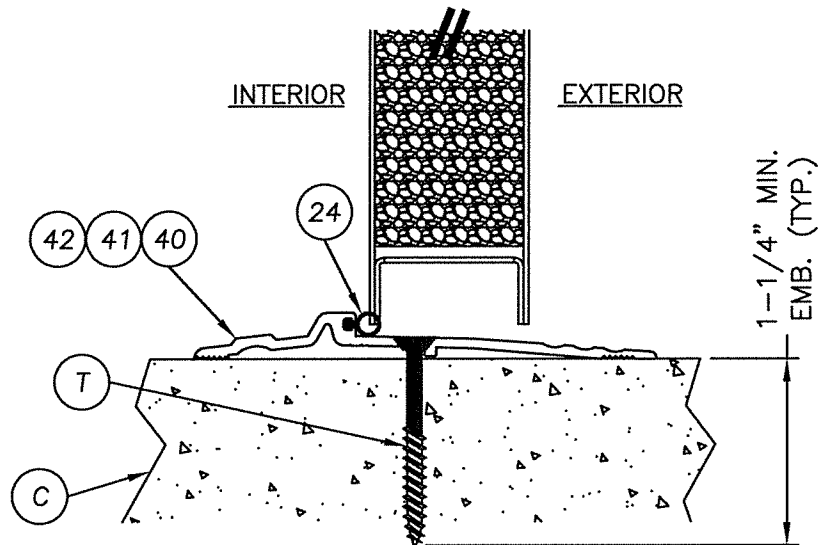
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NO.	DATE
BY	REVISIONS
DATE: 11/10/22	SCALE: N.T.S.
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DRAWING NO.: FL-41788.11	
SHEET 5 OF 10	



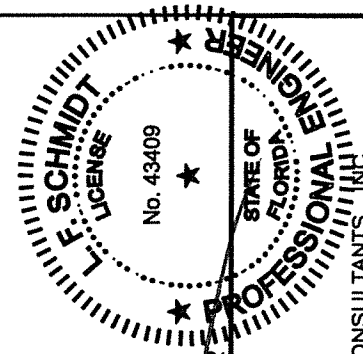
1 VERTICAL CROSS SECTION
6 @ HEAD



2 VERTICAL CROSS SECTION
6 @ THRESHOLD



2 VERTICAL CROSS SECTION
6 @ THRESHOLD



LFS

November 15, 2022
 Documents Prepared By:
 Lyndon F. Schmidt
 P.E. No. 43409

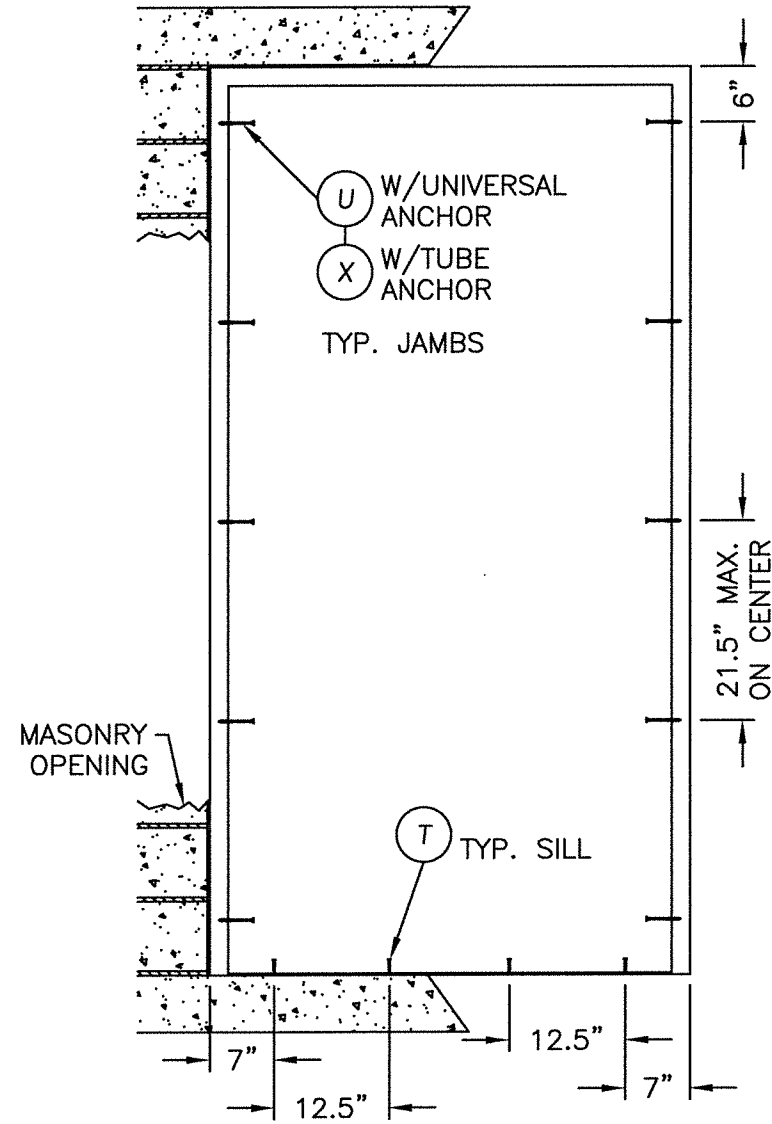
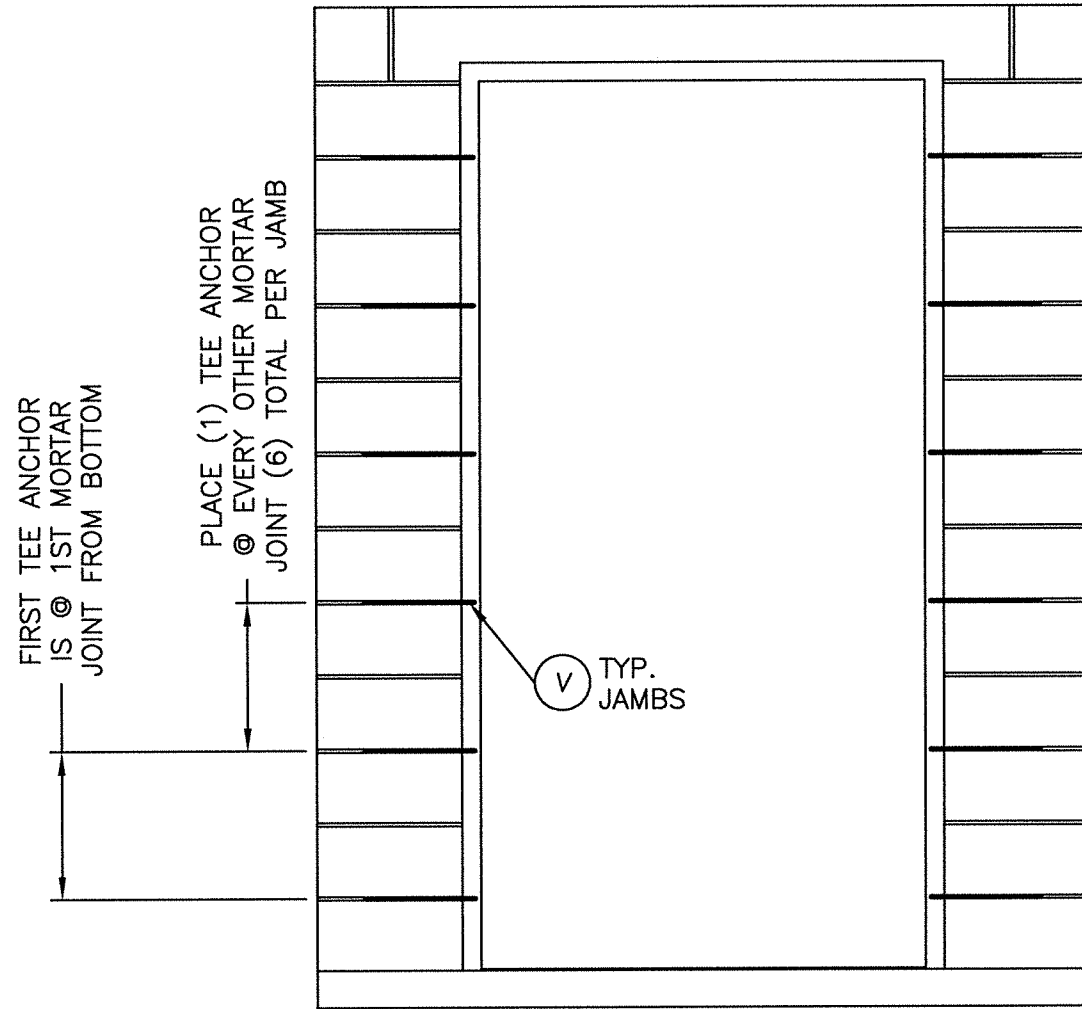
RW
 BUILDING CONSULTANTS, INC.
 P.O. Box 230, Vairco, FL 33595
 Phone No.: 813.659.9197
 FBPE Registry No. 9813

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

PART OR ASSEMBLY:
 VERTICAL CROSS SECTIONS

NO.	DATE	BY	REVISIONS

DATE: 11/10/22
 SCALE: N.T.S.
 DWG. BY: LFS
 CHK. BY: RW
 DRAWING NO.:
 FL-41788.11
 SHEET 6 OF 10



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:

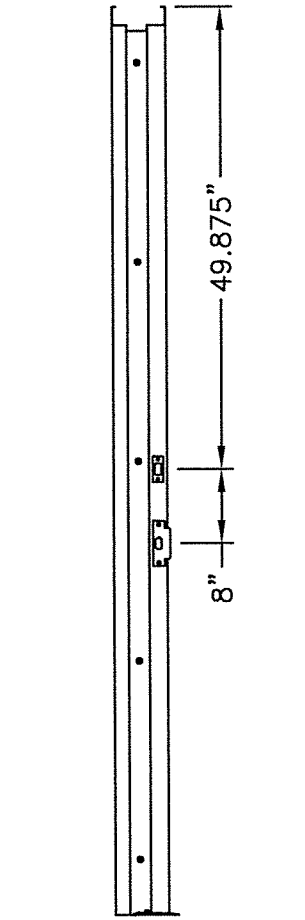
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2-1/2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	2-1/2"	4"
ITW TAPCON® XL	5/16"	1-3/4"	2-1/2"	5"
DeWALT ULTRACON®	5/16"	1-3/4"	3-1/8"	5"

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

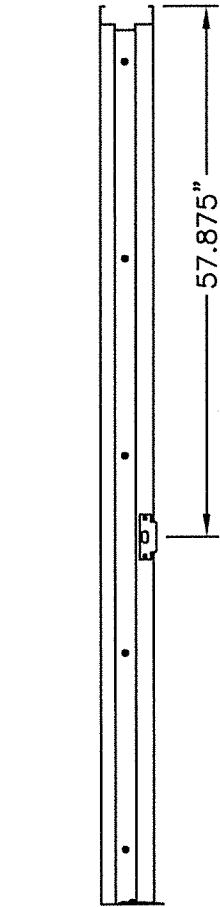
Lyndon F. Schmidt
 November 15, 2022
 Documents Prepared By:
 Lyndon F. Schmidt
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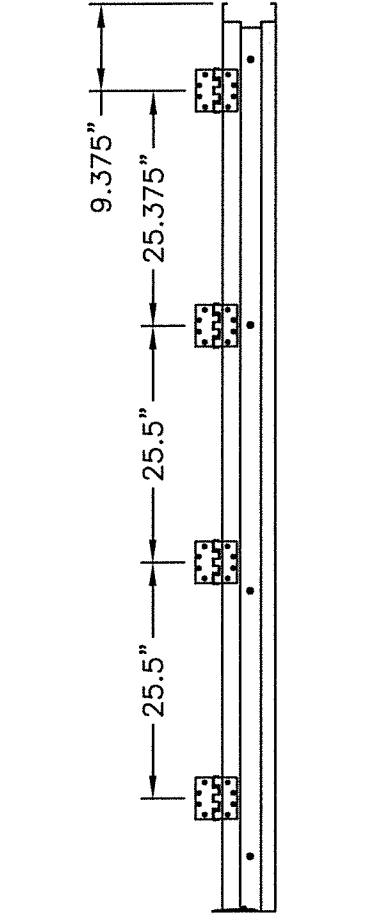
PRODUCT: PREMIER PRODUCTS, INC. "D" PANELS "NON-IMPACT"		PART OR ASSEMBLY: BUCK AND FRAME ANCHORING
NO.	DATE	
REVISIONS		BY
DATE: 11/10/22		SCALE: N.T.S.
DWG. BY: LFS		CHK. BY: RW
DRAWING NO.: FL-41788.11		SHEET 7 OF 10



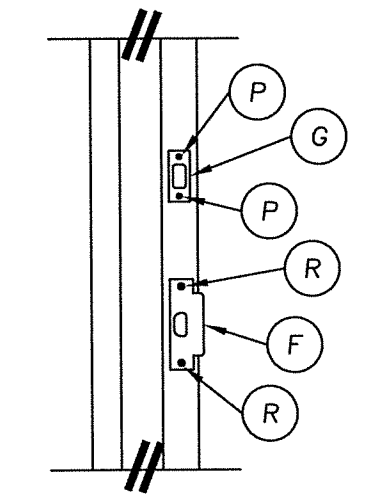
STRIKE PLATE
LOCATIONS 2" HEAD



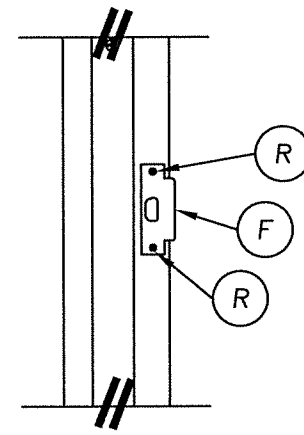
STRIKE PLATE
LOCATION 2" HEAD



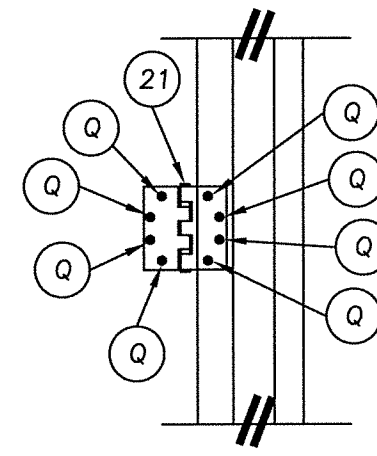
HINGE LOCATIONS
2" HEAD



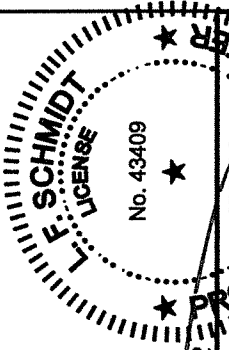
STRIKE PLATE DETAIL
ANSI STRIKE & DEADBOLT



STRIKE PLATE DETAIL
ANSI STRIKE



HINGE DETAIL

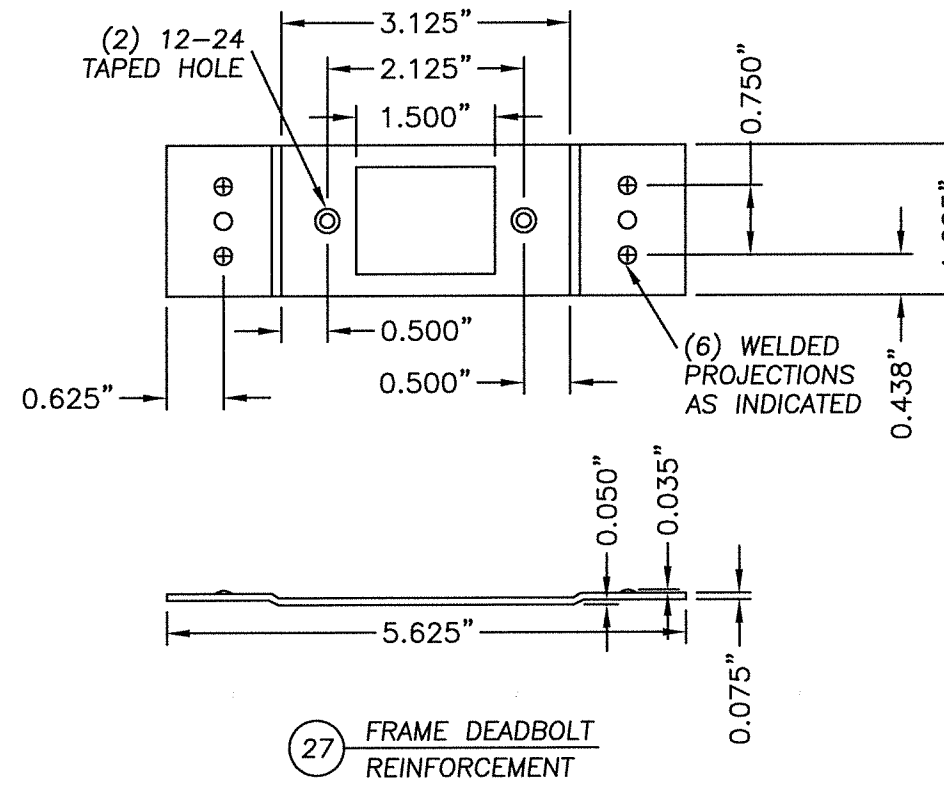
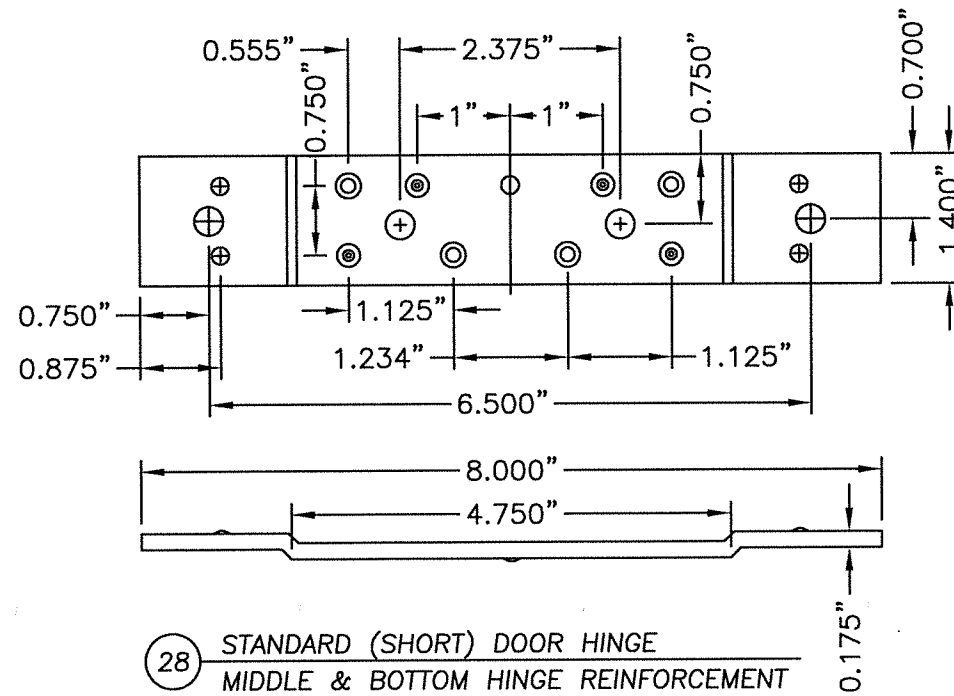
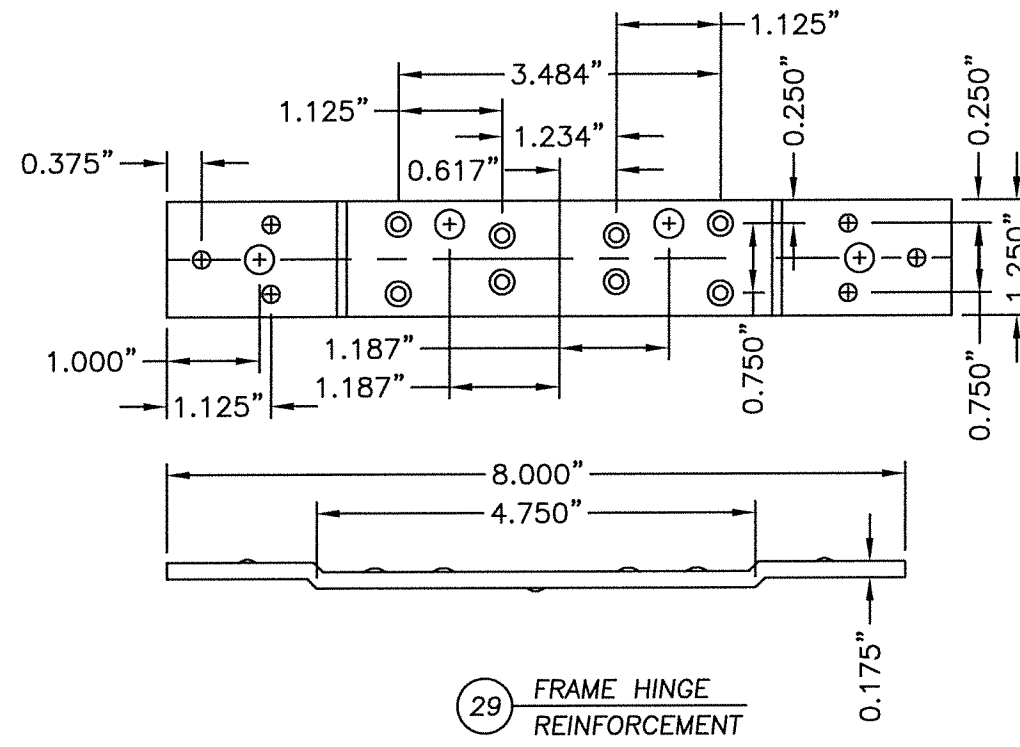
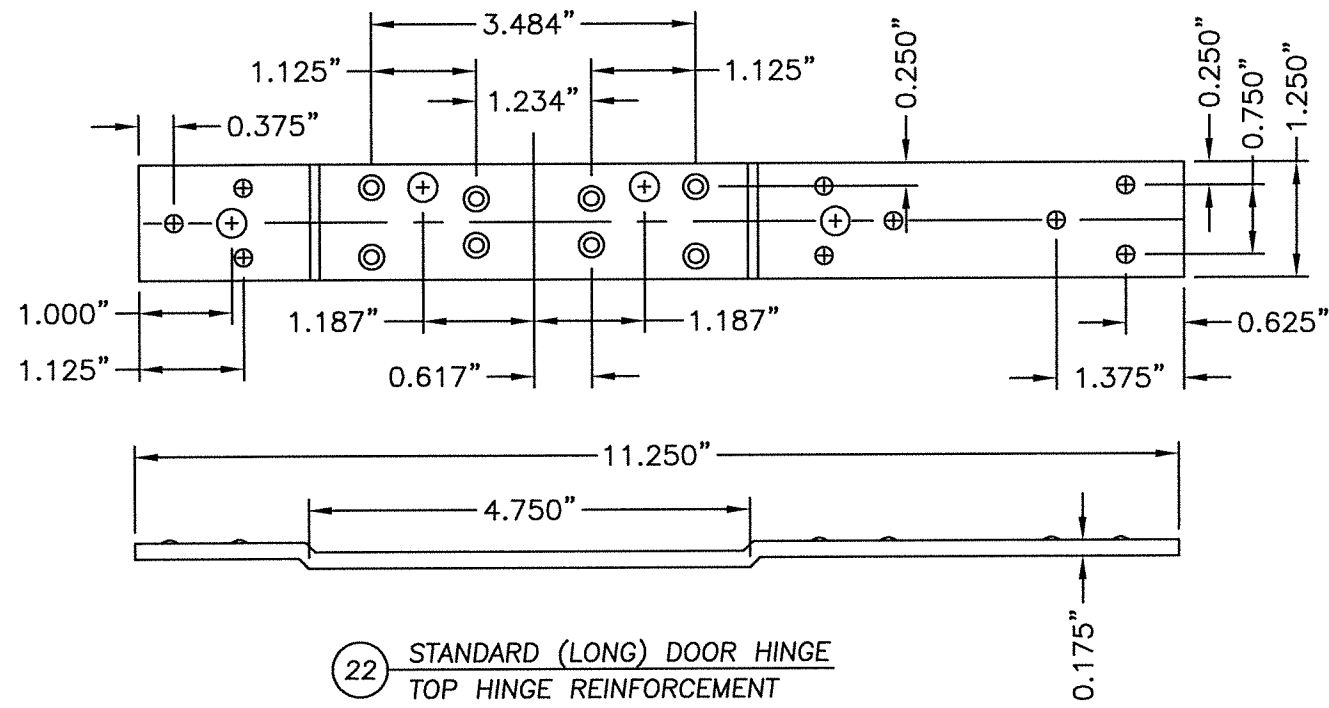


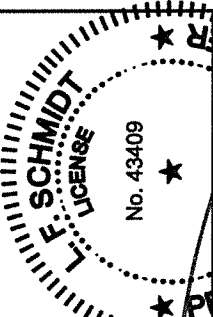
 November 15, 2022
 Documents Prepared By:
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R.W. BUILDING CONSULTANTS, INC.
 P.O. Box 230, Valrico, FL 33595
 Phone No.: 813.659.9197
 FBPE Registry No. 9813

PRODUCT: PREMIER PRODUCTS, INC. "D" PANELS "NON-IMPACT"	
PART OR ASSEMBLY: ANCHORING DETAILS	
NO.	REVISIONS
DATE	BY
11/10/22	
N.T.S.	
LFS	
RW	
FL-41788.11	
8	10

Z:\Clients\Premier Products PERMANENTVA - Florida Product Approvals\FL-41788C - Drawings\FL 41788 (2020)\FL-41788.11.13.15.dwg





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

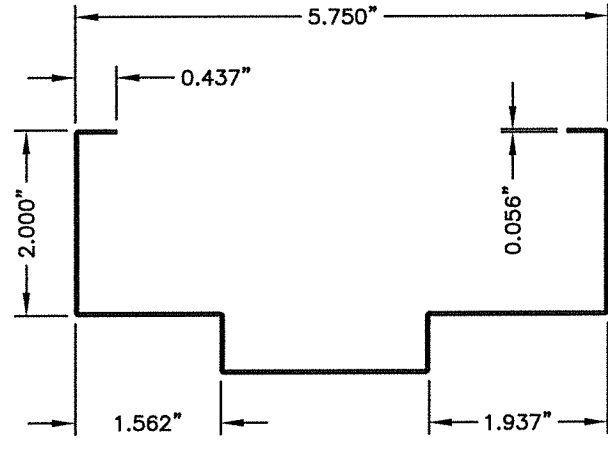
BUILDING CONSULTANTS, INC.
 P.O. Box 230, Vairico, FL 33595
 Phone No.: 813.659.9197
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PRODUCT: PREMIER PRODUCTS, INC. "D" PANELS "NON-IMPACT"	PART OR ASSEMBLY: COMPONENTS
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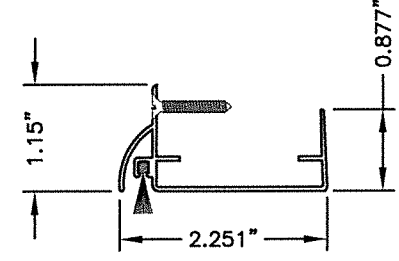
NO.	DATE	BY	REVISIONS

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 SHEET 9 OF 10

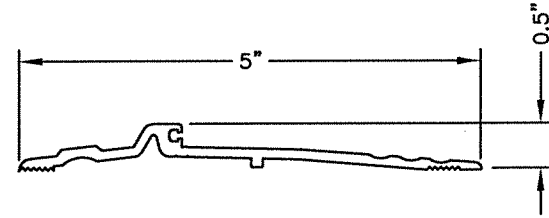
BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
B	1/4" MAX. SHIM SPACE	WOOD
C	3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
D	DESIGN HARDWARE D-2 SERIES DEADBOLT	STEEL
E	DESIGN HARDWARE X-SERIES LATCH (161 PREP)	STEEL
F	LATCH STRIKE PLATE	BRASS
G	DEADBOLT 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



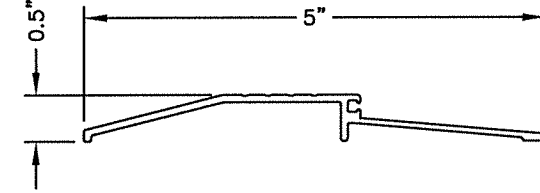
25 FRAME



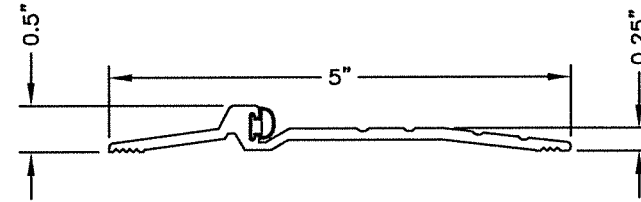
44 SWEEP



40 THRESHOLD



41 THRESHOLD



42 THRESHOLD

November 15, 2022
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 FBPE Registry No. 9813

PRODUCT: PREMIER PRODUCTS, INC.
 "D" PANELS "NON-IMPACT"
 PART OR ASSEMBLY:
 BILL OF MATERIALS
 & COMPONENTS

NO.	DATE	BY

REVISIONS

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 DWG. BY: LFS
 CHK. BY: RW
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 FL-41788.11
 SHEET 10 OF 10