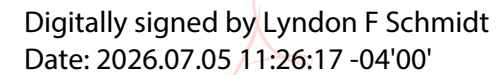
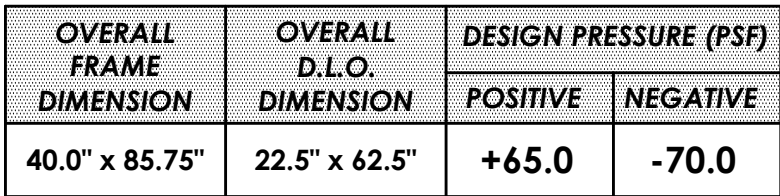


GENERAL NOTES

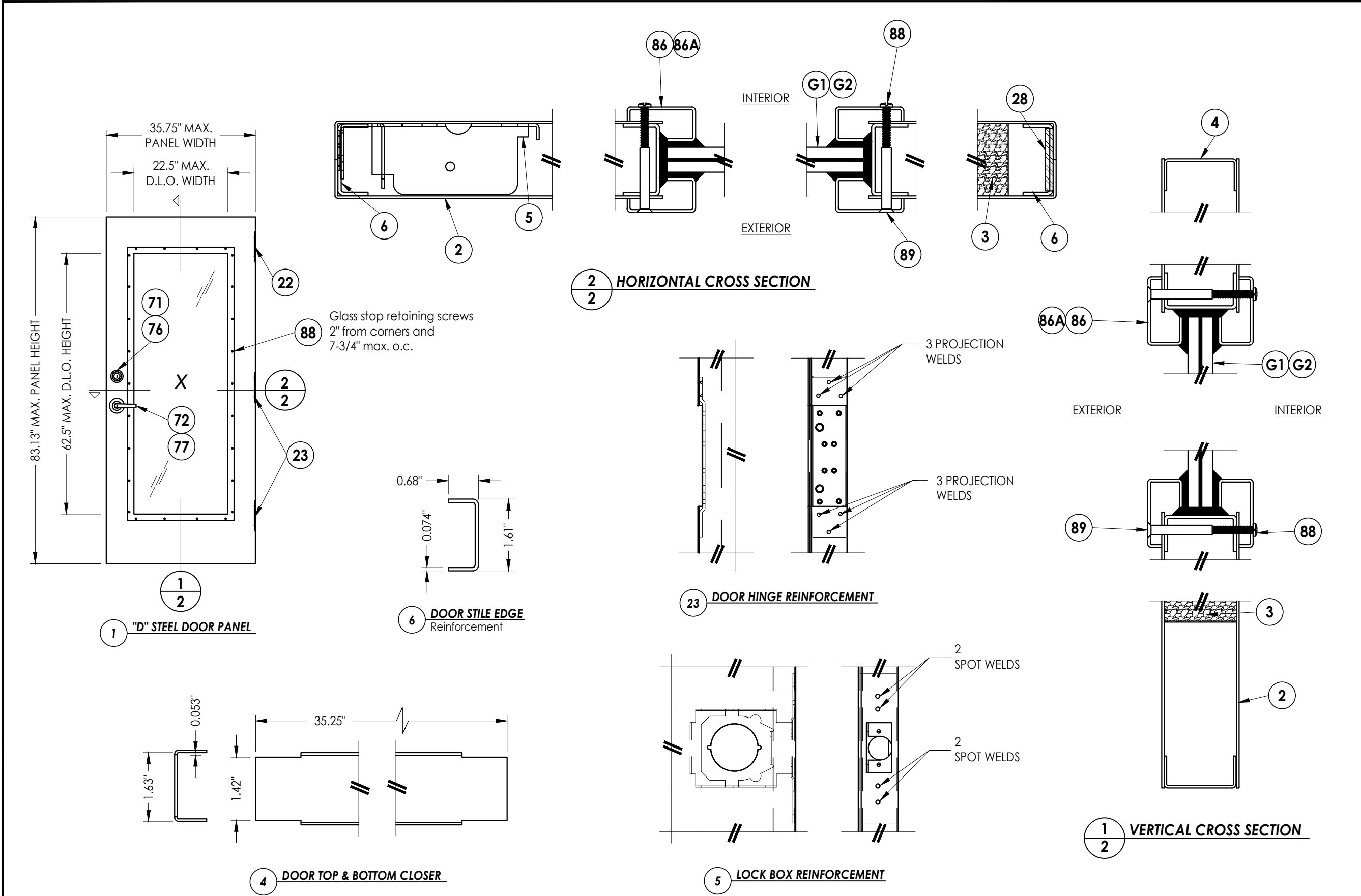
- | TABLE OF CONTENTS | |
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| 1 | Typical elevation, design pressures & general notes |
| 2 | Door panel details |
| 3 | Horizontal cross sections |
| 4 | Vertical cross sections |
| 5 | Anchoring details |
| 6 | Components |
| 7 | Bill of materials, glazing details & components |



THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

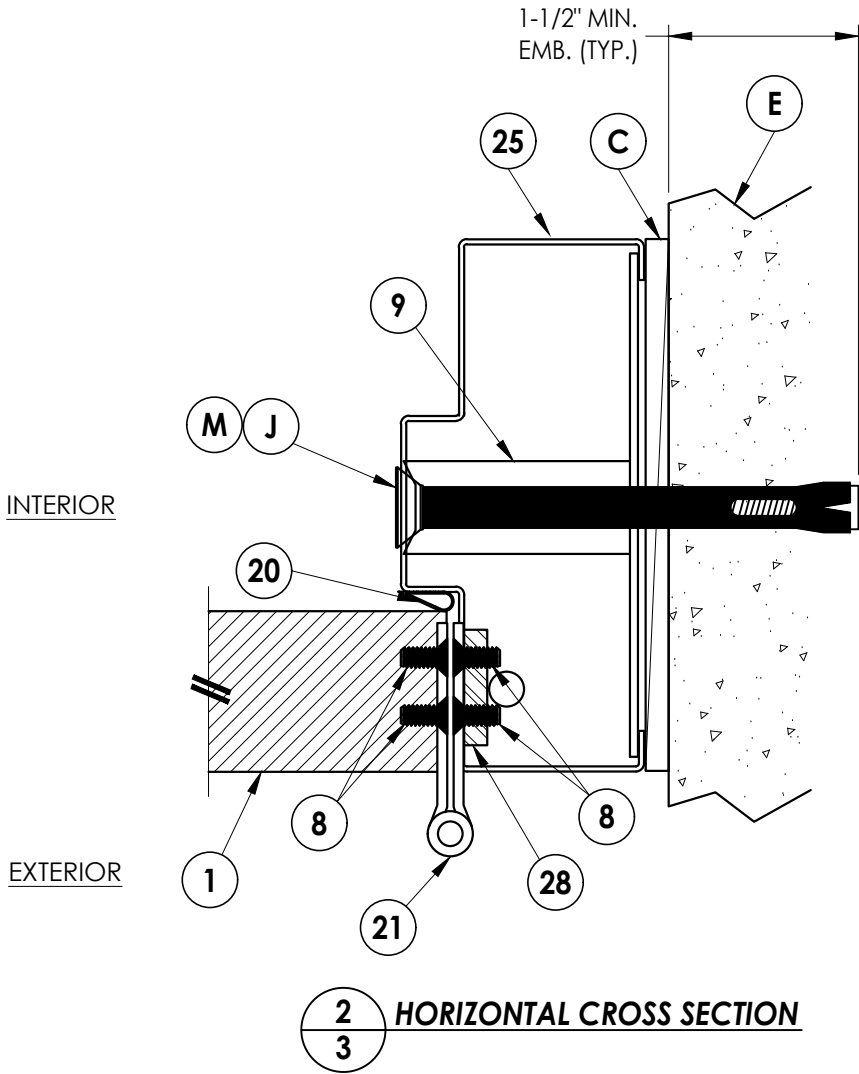
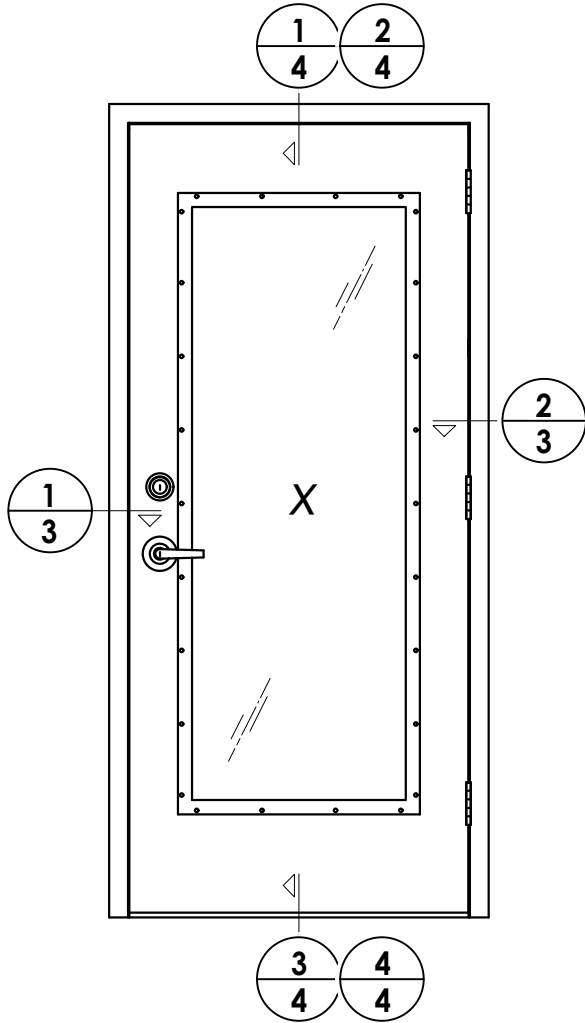
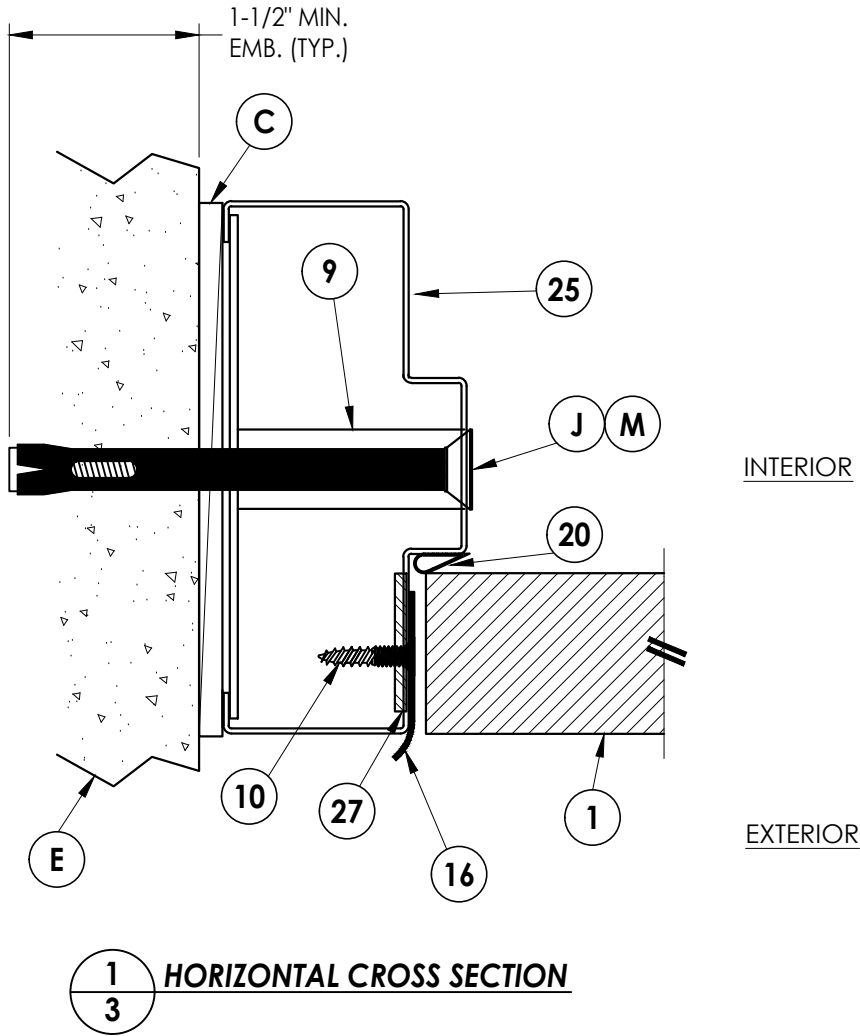
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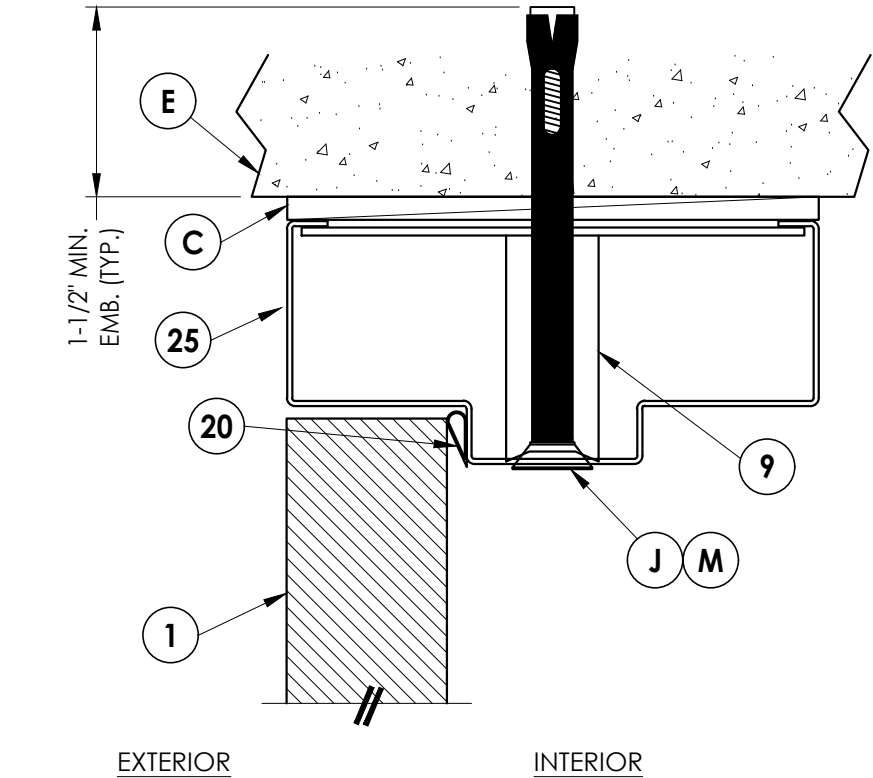
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: PREMIER PRODUCTS, INC. "D" STEEL DOOR				PART OR ASSEMBLY: DOOR PANEL DETAILS			
				LFS	FBC	LFS	BY
		2	7/02/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS
		1	8/21/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS
		NO.	DATE				
				REVISIONS			
DATE: 11/10/22							
SCALE: N.T.S.							
DWG. BY: LFS							
CHK. BY: RW							
DRAWING NO.: FL-41788.18							
SHEET 2 OF 7							

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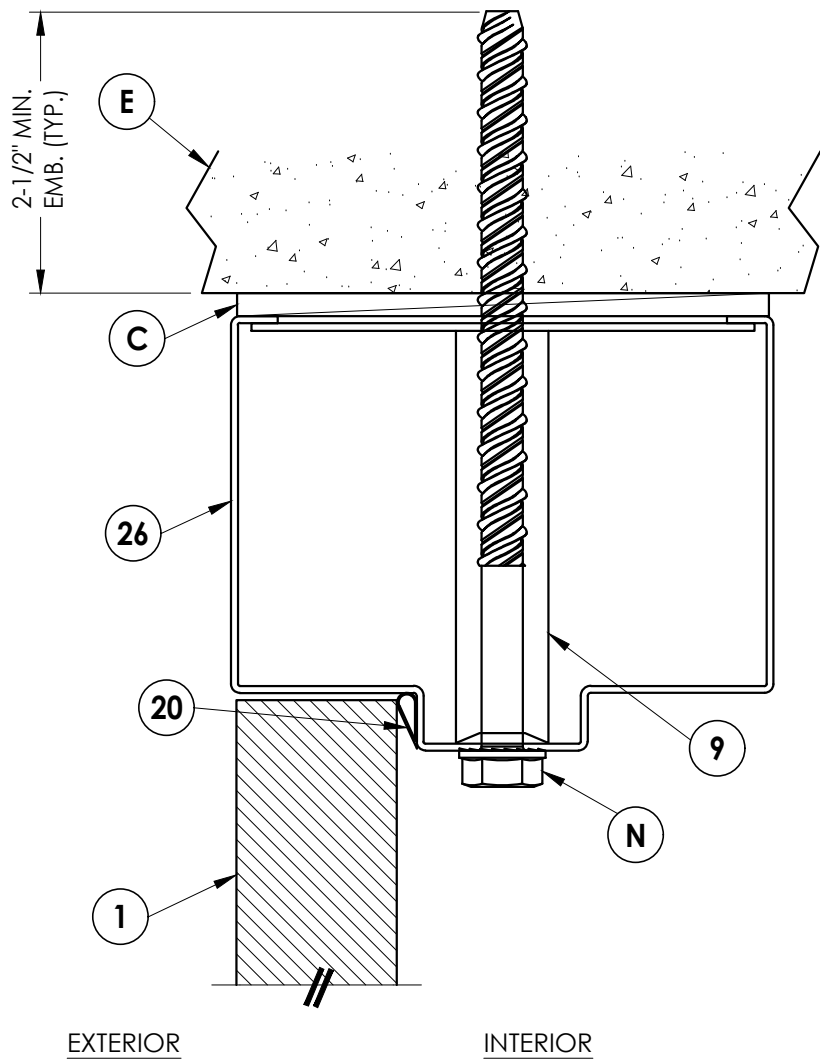


PRODUCT: PREMIER PRODUCTS, INC. "D" STEEL DOOR				Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409			
PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS				RW BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			

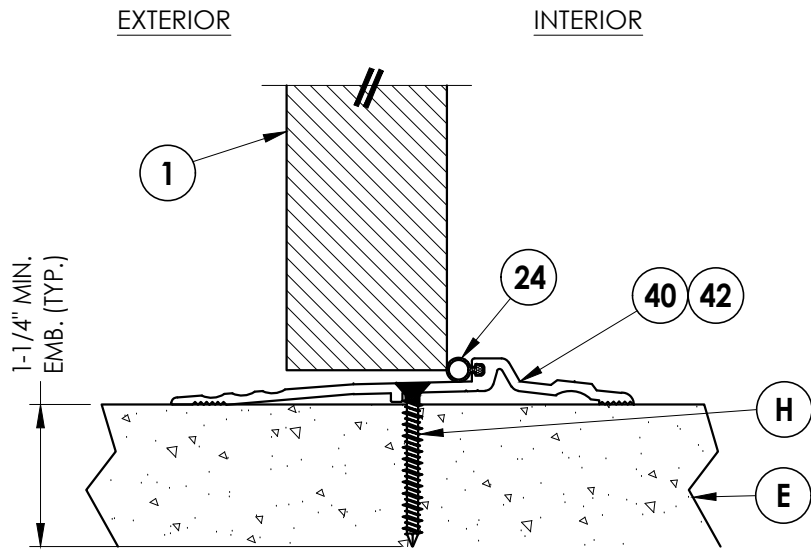
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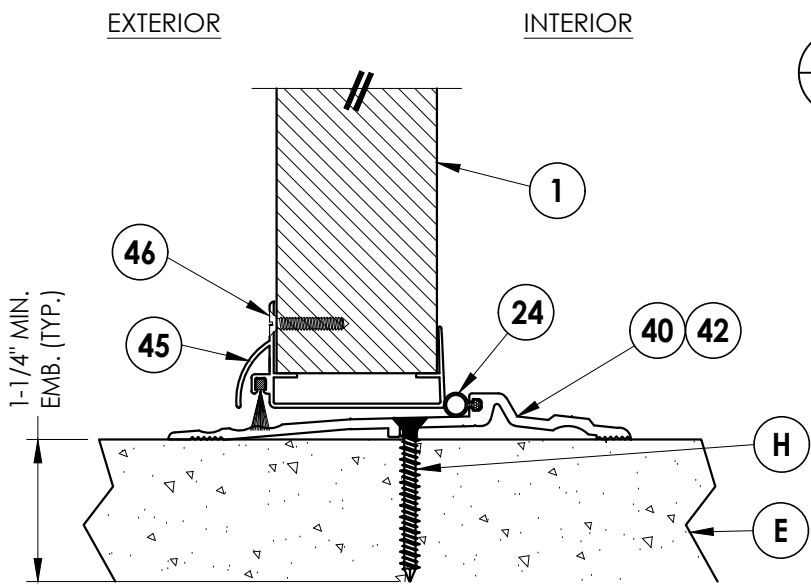
1
4 VERTICAL CROSS SECTION



2
4 VERTICAL CROSS SECTION



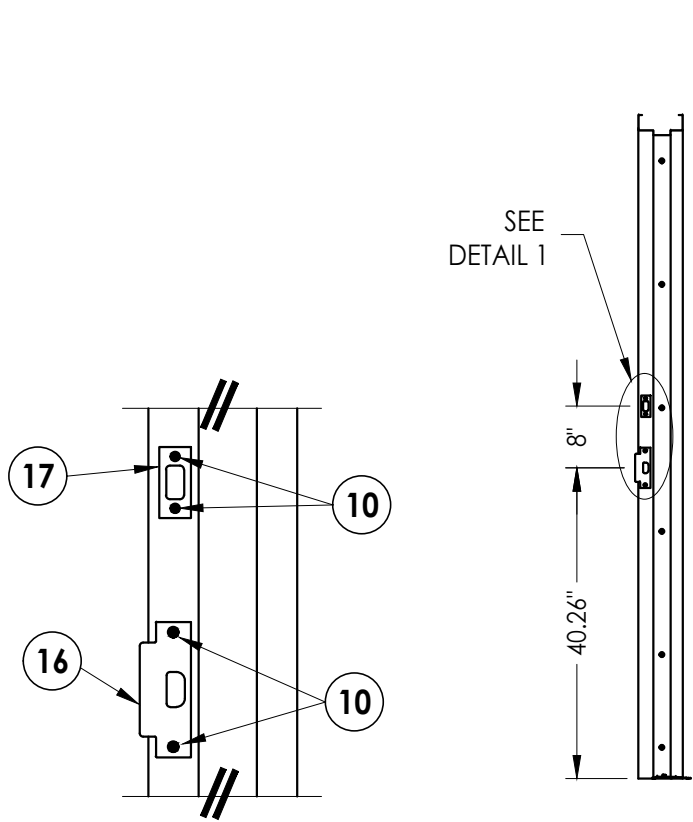
3
4 VERTICAL CROSS SECTION



4
4 VERTICAL CROSS SECTION

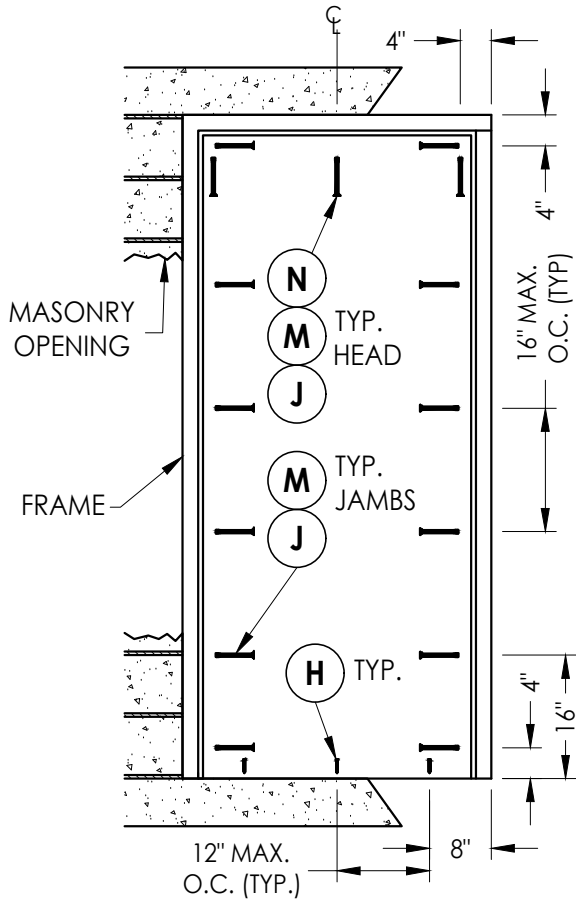
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				R.W. BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: PREMIER PRODUCTS, INC. "D" STEEL DOOR				PART OR ASSEMBLY: VERTICAL CROSS SECTIONS			
				LFS	7/02/26	UPDATE TO 9TH ED. (2026)	FBC
				LFS	8/21/23	UPDATE TO 8TH ED. (2023)	FBC
				BY	NO.	DATE	
				REVISIONS			
DATE: 11/10/22							
SCALE: N.T.S.							
DWG. BY: LFS							
CHK. BY: RW							
DRAWING NO.: FL-41788.18							
SHEET 4 OF 7							

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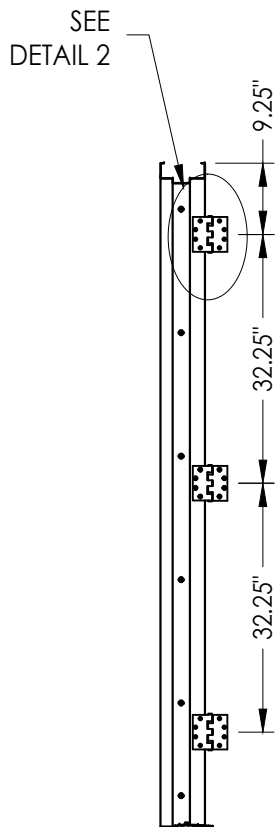


DETAIL 1

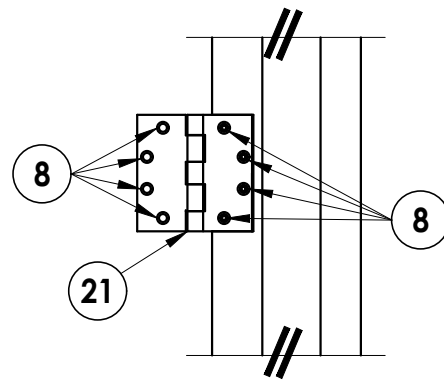
STRIKE JAMB



FRAME ANCHORING



HINGE JAMB



DETAIL 2

ANCHOR NOTES:

1. Substitution of equal concrete screws from a different supplier may have different edge distance and center distance requirements.
2. Concrete screw locations at the corners may be adjusted to maintain the minimum edge distance to mortar joints. If concrete screw locations noted as "MAX. ON CENTER" must be adjusted to maintain the minimum edge distance to mortar joints, additional concrete screws may be required to ensure the maximum on center dimension is not exceeded.
3. Concrete Anchor Table:

ANCHOR TYPE	ANCHOR SIZE	MINIMUM EMBEDMENT	MINIMUM CLEARANCE TO MASONRY EDGE	MINIMUM CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2-1/2"	4"
DYNABOLT SLEEVE ANCHOR	3/8"	1-1/2"	2-1/4"	4-1/2"
POWERS TAPPER	3/8"	1-1/2"	4"	3-3/4"
SCREW-BOLT+™	1/2"	2-1/2"	6"	6"

Documents Prepared By:
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P.E. No. 43409

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" STEEL DOOR

PART OR ASSEMBLY:
ANCHORING DETAILS

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

DATE: 11/10/22

SCALE: N.T.S.

DWG. BY: LFS

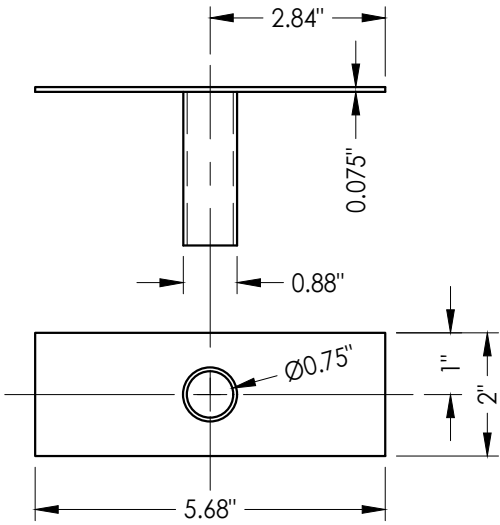
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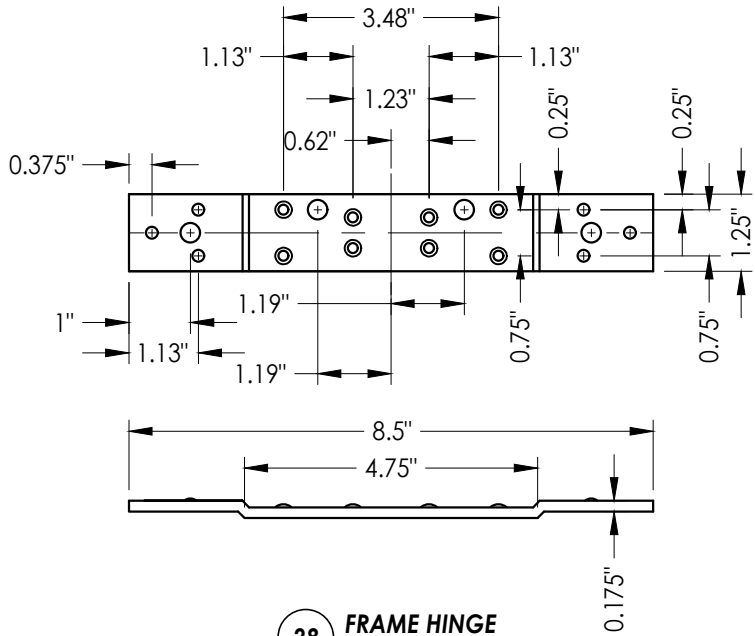
FL-41788.18

SHEET 5 OF 7

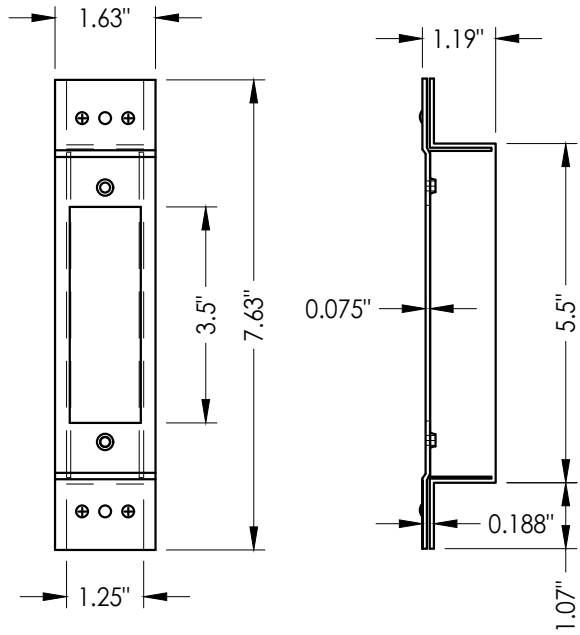
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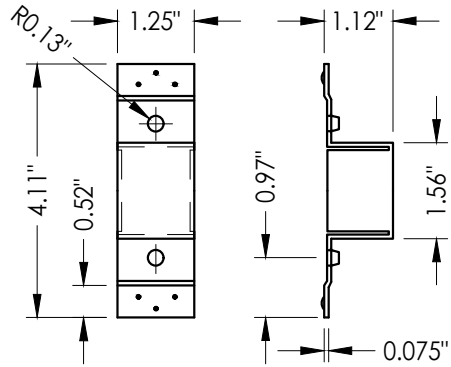
9 TUBE ANCHOR



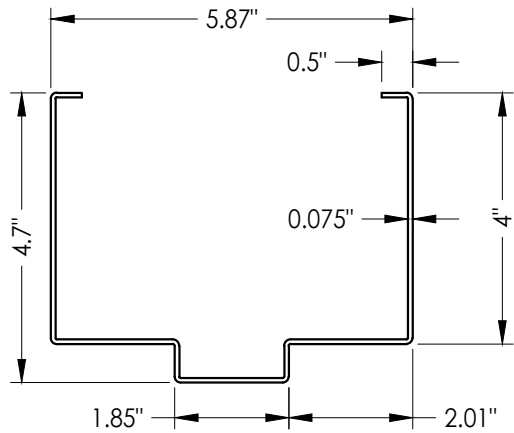
28 FRAME HINGE
Reinforcement



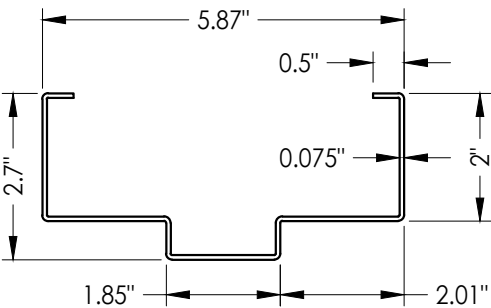
27 LATCH STRIKE REINFORCEMENT



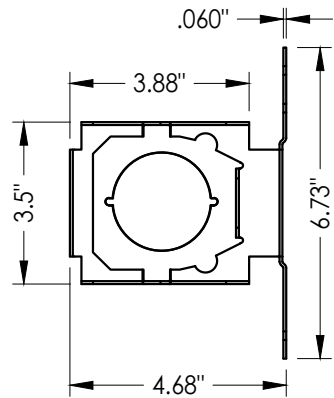
19 DEADBOLT STRIKE REINFORCEMENT



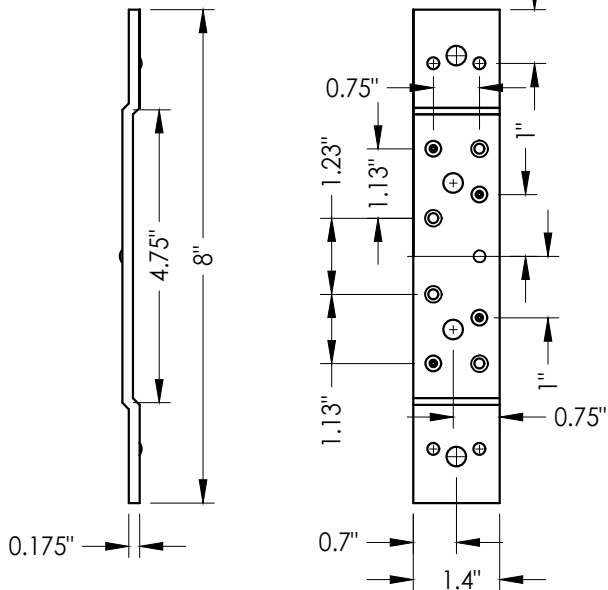
26 FRAME



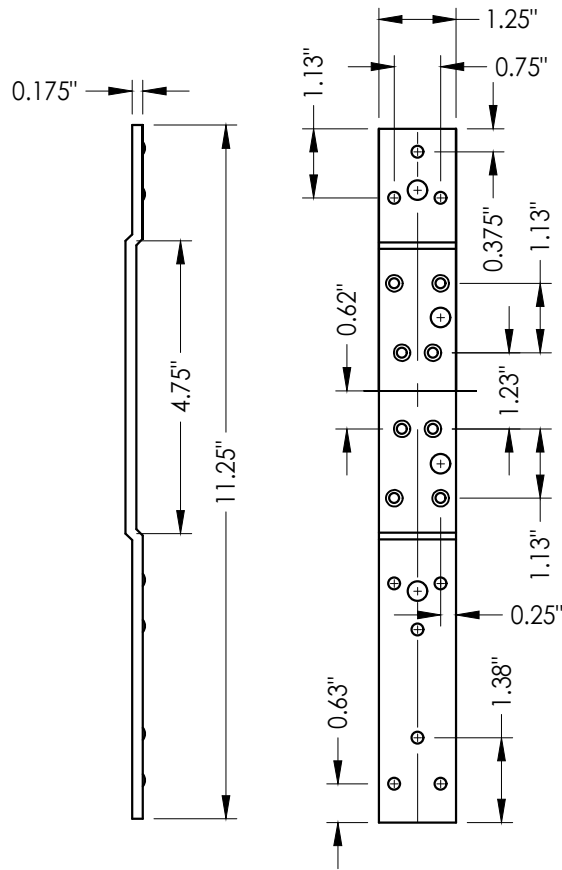
25 HOLLOW METAL FRAME



5 LOCK BOX REINFORCEMENT



23 STANDARD (SHORT) DOOR HINGE
Reinforcement middle and bottom hinge

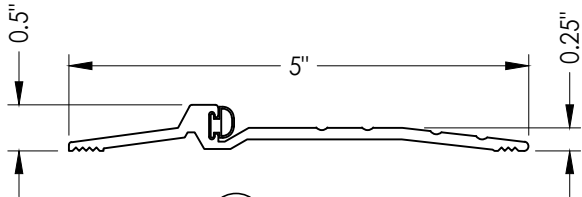


22 STANDARD (LONG) DOOR HINGE
Reinforcement top hinge

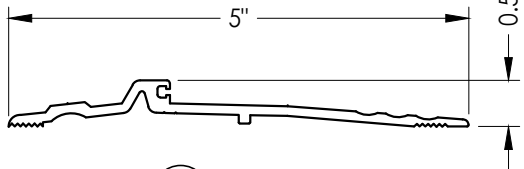
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813				
PRODUCT: PREMIER PRODUCTS, INC. "D" STEEL DOOR				PART OR ASSEMBLY: COMPONENTS				
				2	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
				1	8/21/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
				NO.	DATE			BY
				REVISIONS				
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SHEET 6 OF 7								

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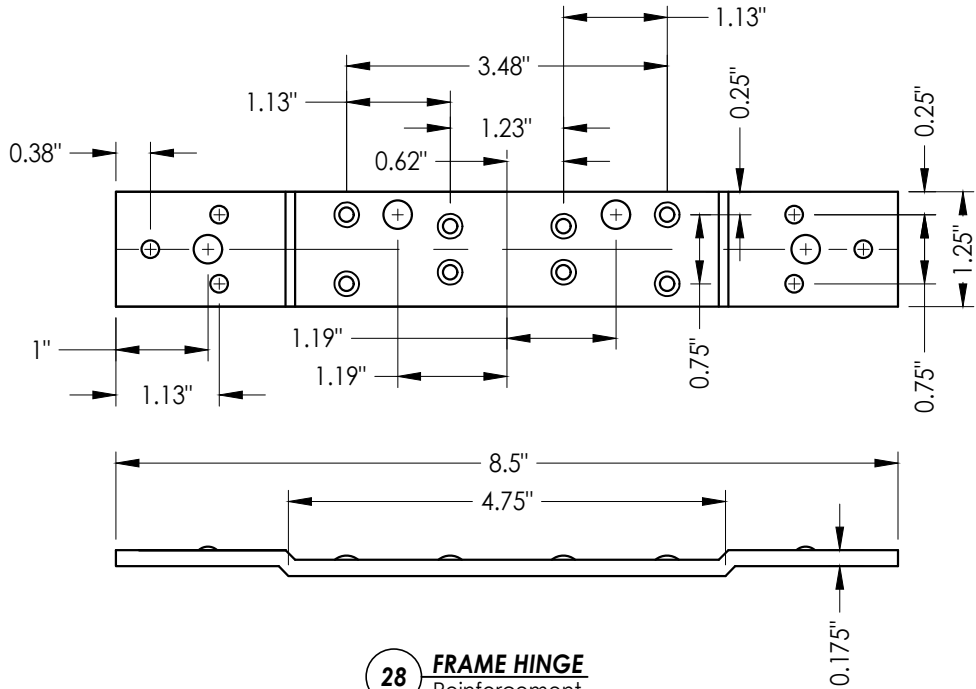
BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
C	MAX. 1/4" SHIM SPACE	-
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
H	1/4" x 1-3/4" ITW PFH CONCRETE SCREW	STEEL
J	3/8" X 5" PFH ITW DYNABOLT SLEEVE ANCHOR	STEEL
M	3/8" X 5" TAPPER CONCRETE SCREW BY POWERS FASTENERS	STEEL
N	1/2" X 8" HH SCREW-BOLT+ CONC. ANCHOR (DeWALT/POWERS)	STEEL
1	"D" STEEL DOOR PANEL	-
2	DOOR SKIN - 16GA (0.060" THK. STEEL, Fy = 40,317 PSI MIN.)	STEEL
3	FOAM 1.0 PCF MIN. DENSITY	POLYSTYRENE
4	DOOR TOP & BOTTOM CLOSER	STEEL
5	LOCK BOX REINFORCEMENT	STEEL
6	DOOR STILE EDGE REINFORCEMENT (D DOOR)	STEEL
8	#12-24 x 1/2" SELF TAPPER	STEEL
9	TUBE ANCHOR	STEEL
10	#12-24 X 1" COMBINATION MACHINE / WOOD SCREW	STEEL
16	ANSI LATCH STRIKE	STEEL
17	DEADBOLT STRIKE	STEEL
19	DEADBOLT STRIKE REINFORCEMENT	STEEL
20	WEATHERSTRIP	NEOPRENE
21	4-1/2" X 4-1/2" X 0.125" TEMPLATE HINGE	STEEL
22	STANDARD (LONG) DOOR HINGE TOP HINGE REINFORCEMENT	STEEL
23	STANDARD (SHORT) DOOR HINGE MIDDLE BOTTOM REINFORCEMENT	STEEL
24	WEATHERSTRIP (THRESHOLD)	NEOPRENE
25	FRAME - 14GA (0.075" THK) WITH 2" HEAD	STEEL
26	FRAME - 14GA (0.075" THK) WITH 4" HEAD	STEEL
27	LATCH STRIKE REINFORCEMENT	STEEL
28	FRAME HINGE REINFORCEMENT	STEEL
40	THRESHOLD NATIONAL GUARD PRODUCTS, INC. #896	ALUMINUM
42	THRESHOLD PEMKO #2005V	ALUMINUM
45	95WHA DOOR SWEEP NATIONAL GUARD PRODUCTS, INC.	ALUMINUM
46	#6 X 3/4" PHILLIPS HEAD SMS	STEEL
71	DESIGN HARDWARE D1-S SERIES DEADBOLT	STEEL
72	DESIGN HARDWARE "Z" SERIES ENTRY	STEEL
76	DESIGN HARDWARE D2-S SERIES DEADBOLT	STEEL
77	DESIGN HARDWARE "X" SERIES ENTRY	STEEL
81	DOW 995 STRUCTURAL SILICONE	SILICONE
86	LITE FRAME BY AIR LOUVERS #1500-AJ-2464	STEEL
86A	LITE FRAME BY AIR LOUVERS #VLFIG-HRC-2464-01	STEEL
88	#8 X 1-1/2" PPH MS	STEEL
89	SCREW COVER	STEEL



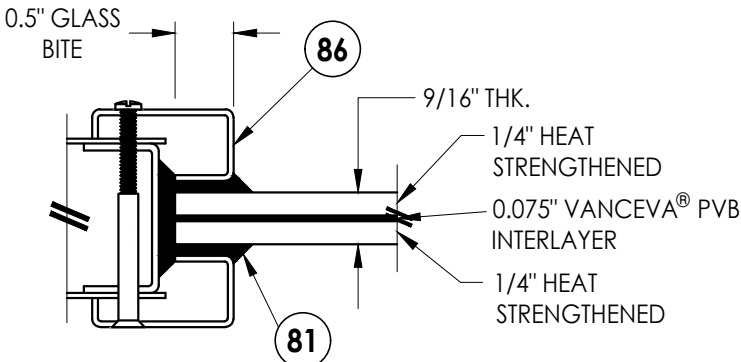
42 THRESHOLD



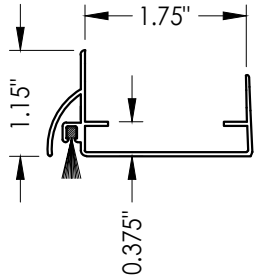
40 THRESHOLD



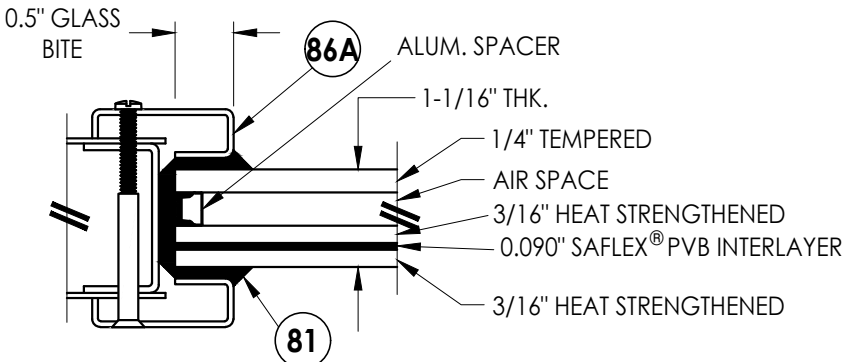
28 FRAME HINGE Reinforcement



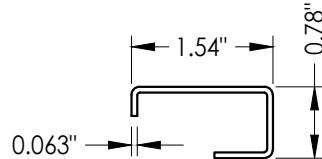
G1 GLAZING DETAIL



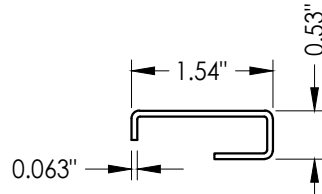
45 DOOR SWEEP



G2 GLAZING DETAIL



86 GLASS STOP



86A GLASS STOP

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

PRODUCT:
PREMIER PRODUCTS, INC.
"D" STEEL DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS, GLAZING
DETAILS & 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

DATE: 11/10/22

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

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SHEET 7 OF 7