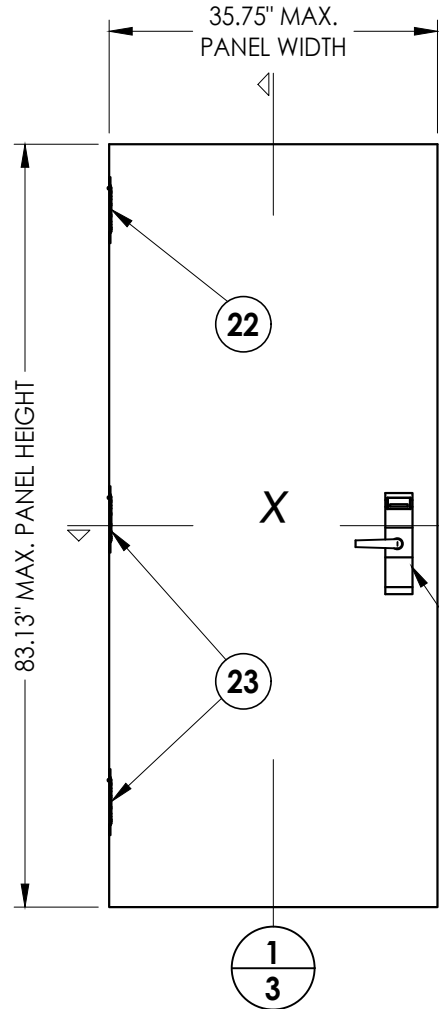
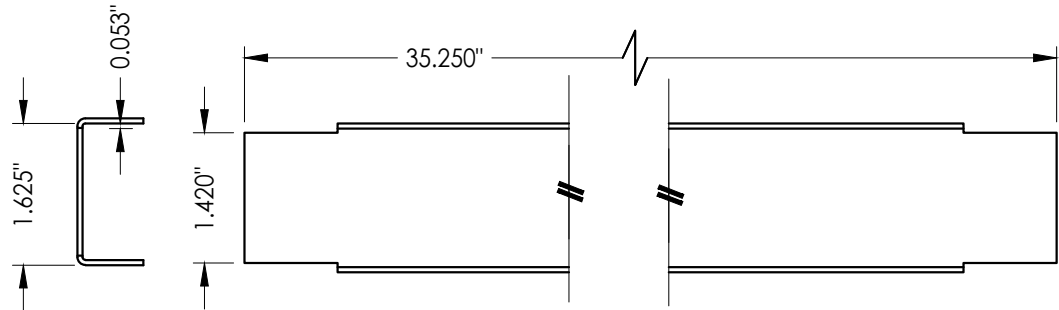


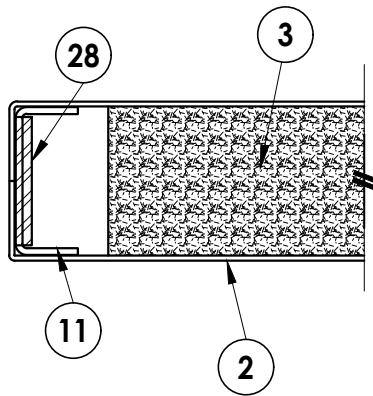
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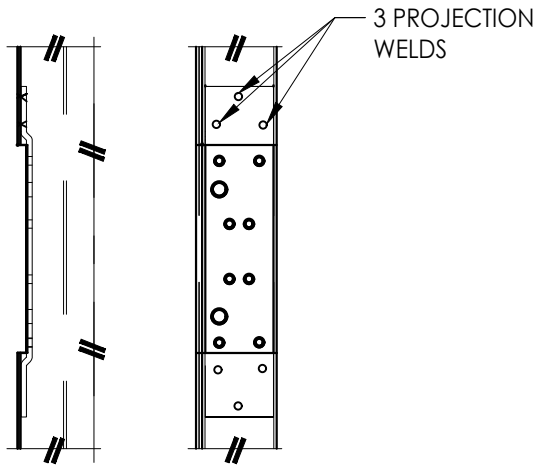
1 "D" OPAQUE STEEL DOOR PANEL



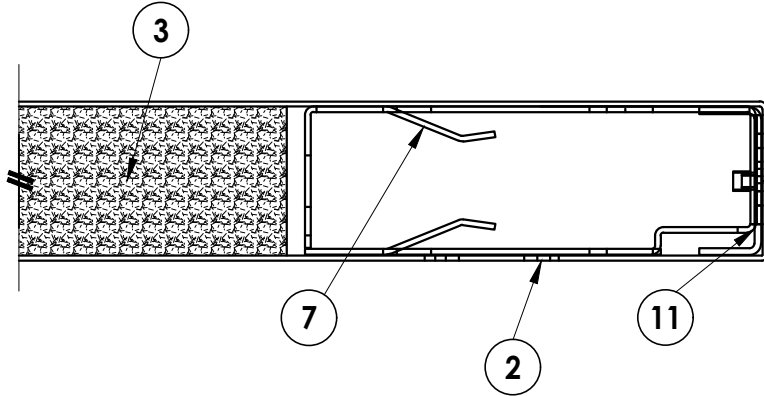
4 DOOR TOP & BOTTOM CLOSER



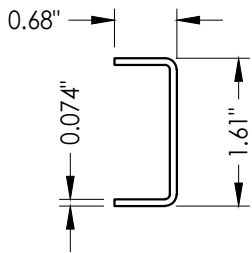
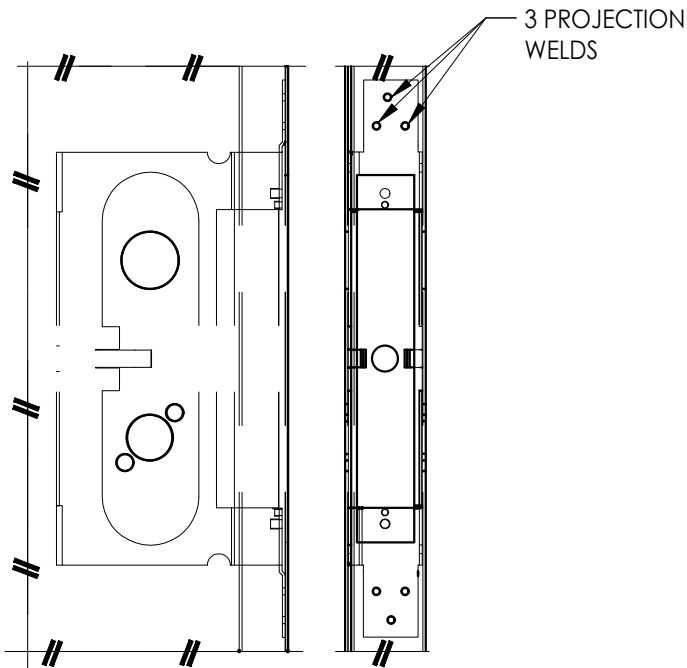
2 3 HORIZONTAL CROSS SECTION
Door panel



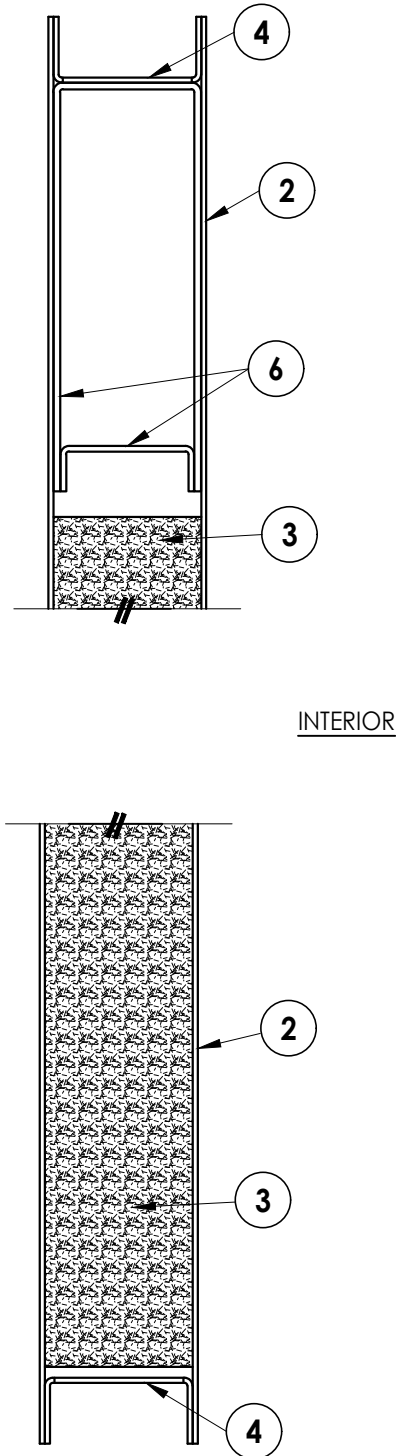
23 DOOR HINGE REINFORCEMENT



7 MORTISE BOX REINFORCEMENT



11 DOOR STILE EDGE Reinforcement



1 3 VERTICAL CROSS SECTION
Door panel

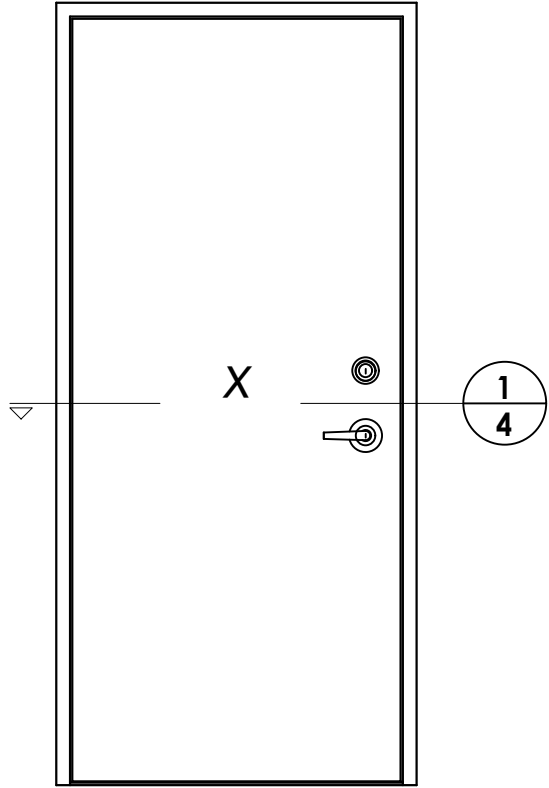
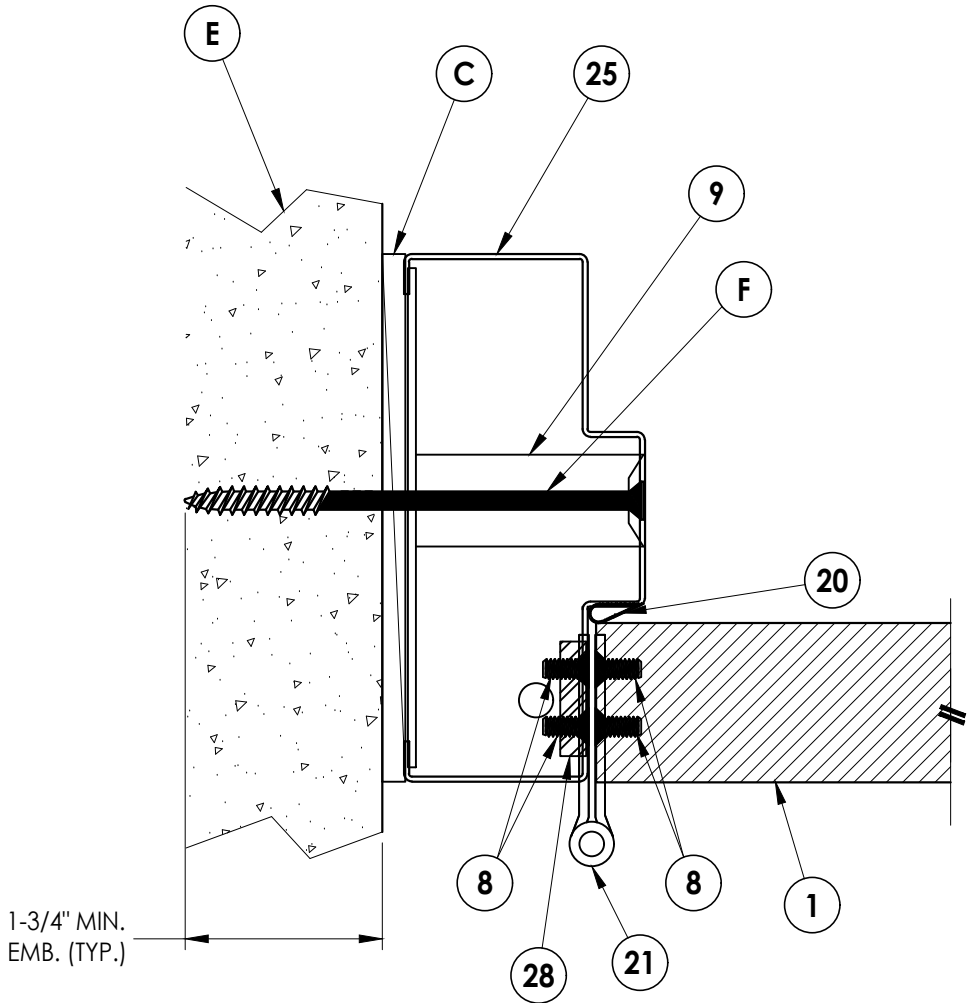
DATE:	11/10/22
SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-41788.17
SHEET	3 OF 11

PRODUCT:	PREMIER PRODUCTS, INC. "D" STEEL DOOR
PART OR ASSEMBLY:	DOOR PANEL SECTIONS 86E MORTISE LOCK PREP

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

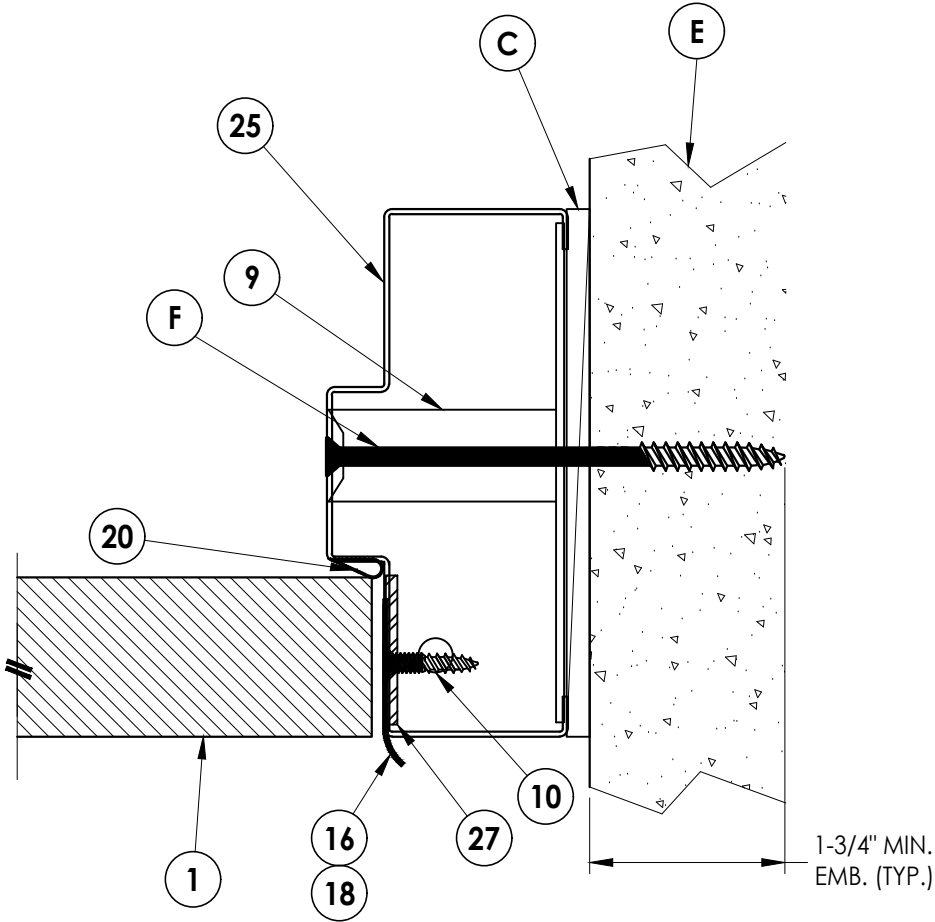
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INTERIOR

EXTERIOR

**1
4** **HORIZONTAL CROSS SECTION**



DATE: 11/10/22

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-41788.17

SHEET 4 OF 11

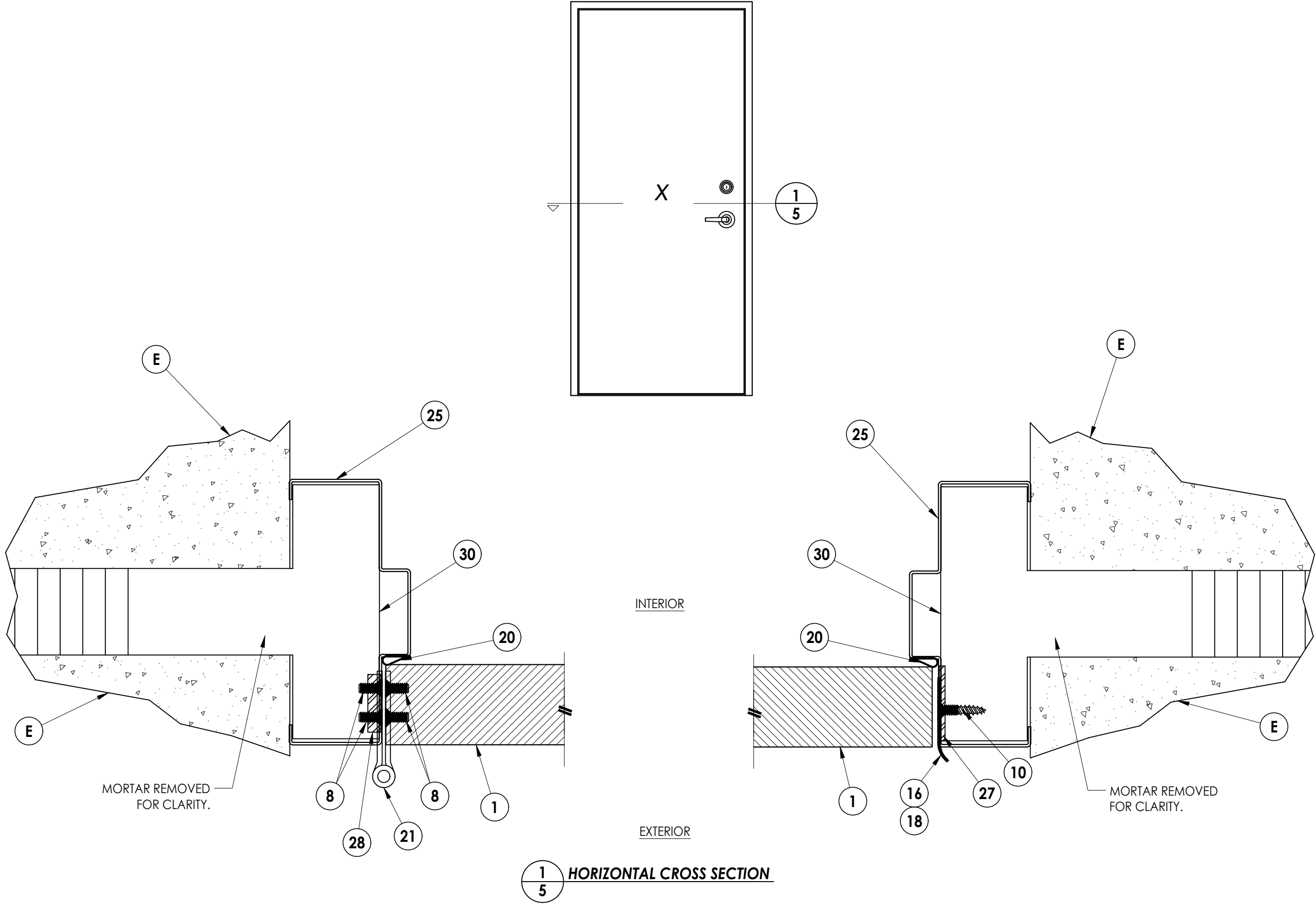
PRODUCT:
PREMIER PRODUCTS, INC.
"D" STEEL DOOR

PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

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

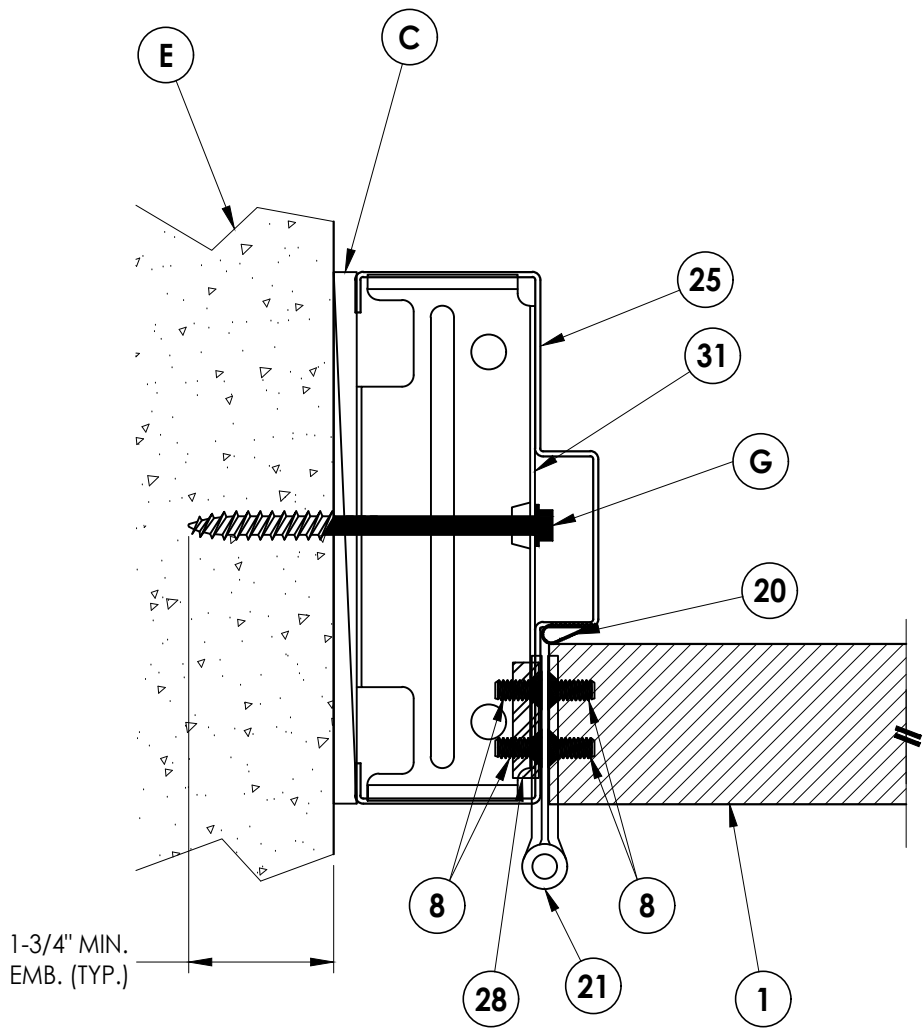
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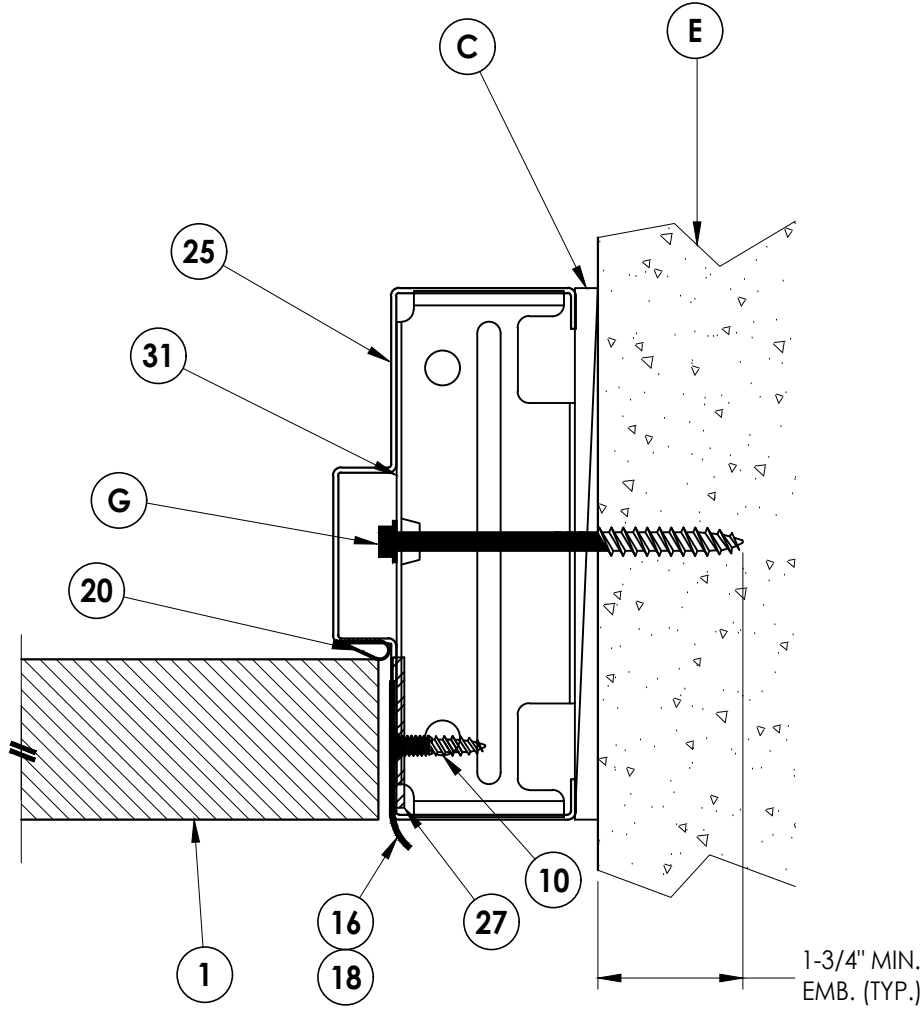
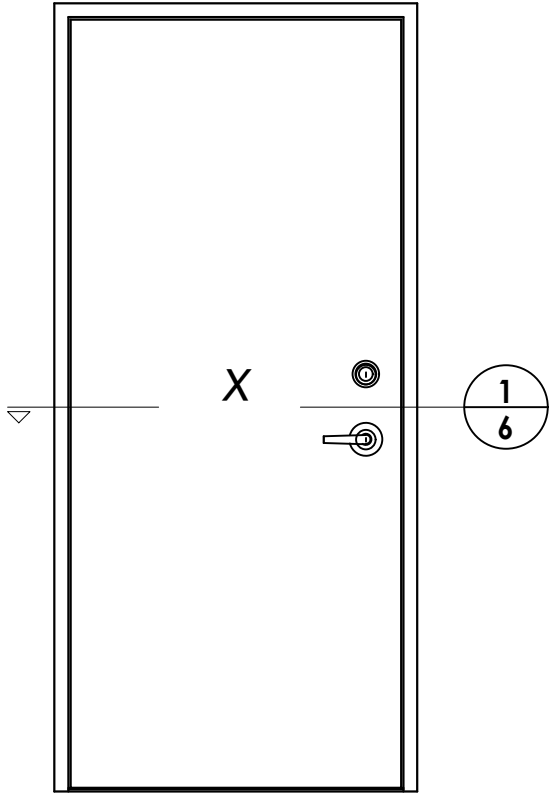
1
5 HORIZONTAL CROSS SECTION

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: HORIZONTAL CROSS SECTIONS			
				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			
DATE: 11/10/22							
SCALE: N.T.S.							
DWG. BY: LFS							
CHK. BY: RW							
DRAWING NO.: FL-41788.17							
SHEET 5 OF 11							

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1
6 **HORIZONTAL CROSS SECTION**



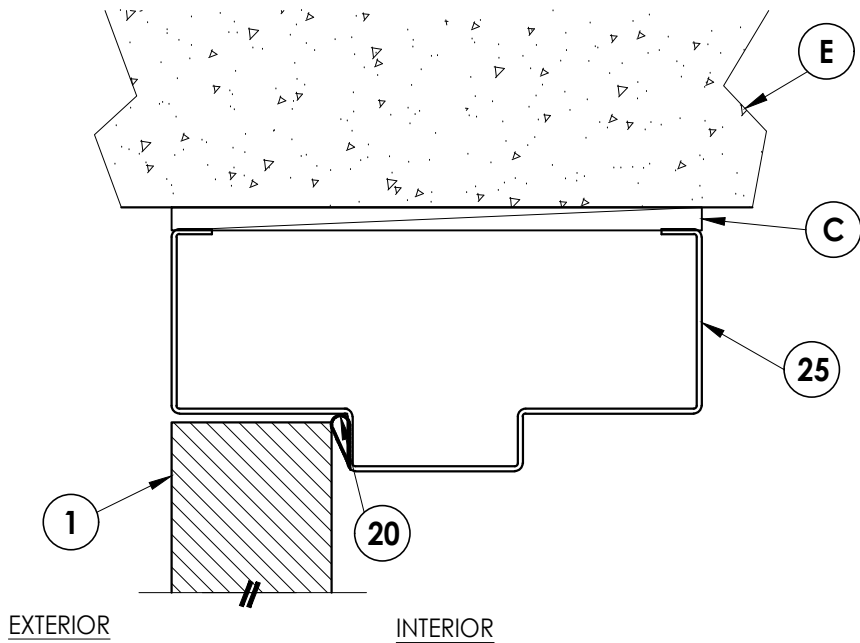
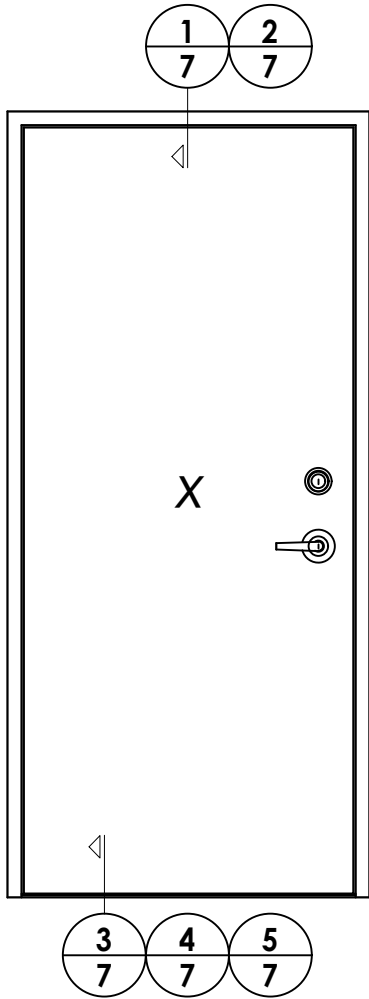
DATE: 11/10/22
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.:
FL-41788.17
SHEET 6 OF 11

PRODUCT:
PREMIER PRODUCTS, INC.
"D" STEEL DOOR
PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

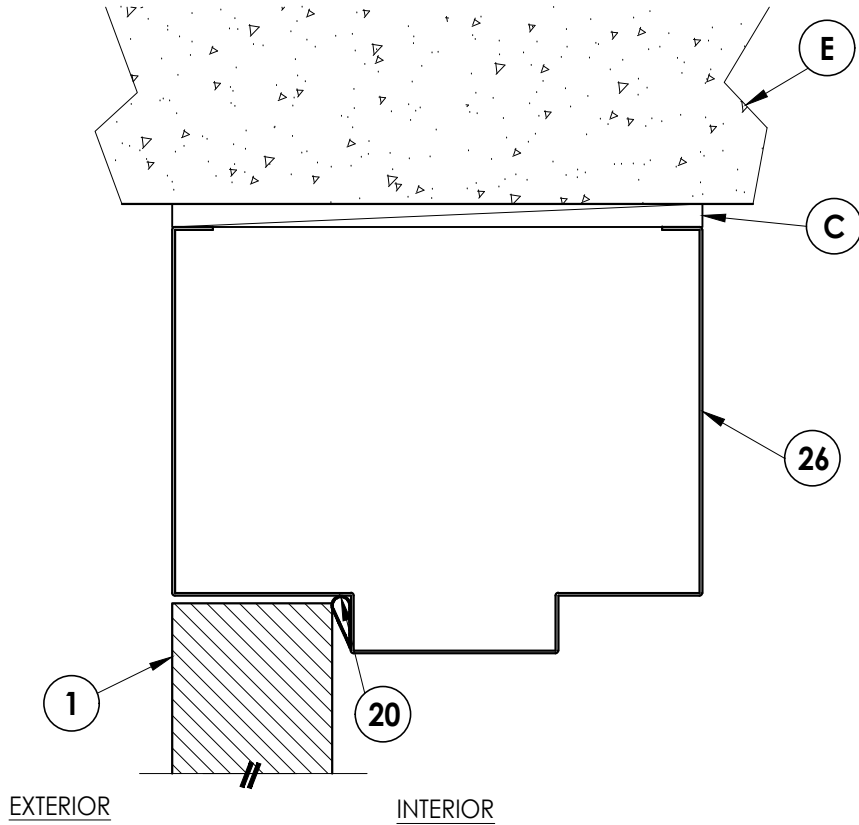
NO.	DATE	REVISIONS
2	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
1	8/21/23	UPDATE TO 8TH ED. (2023) FBC LFS
		BY

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

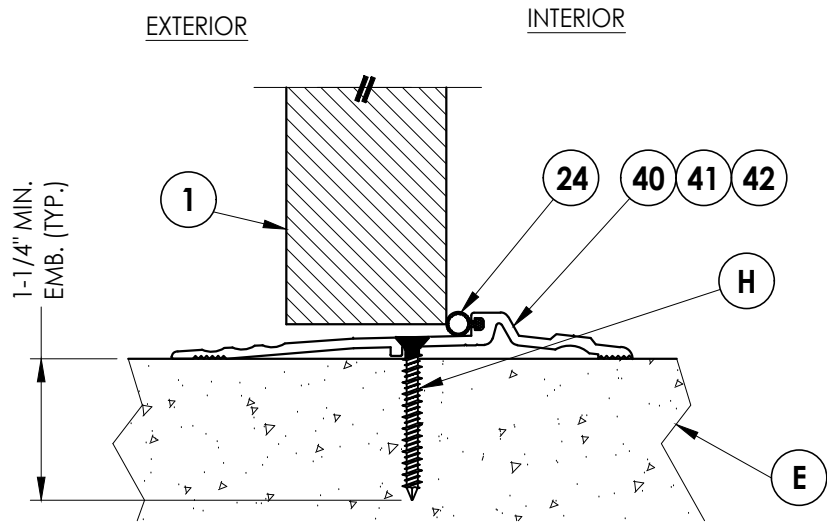
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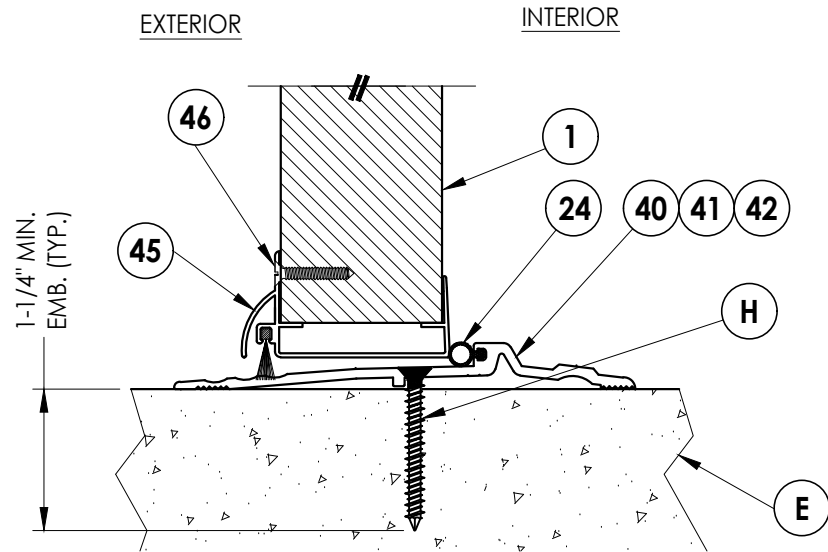
1/7 VERTICAL CROSS SECTION



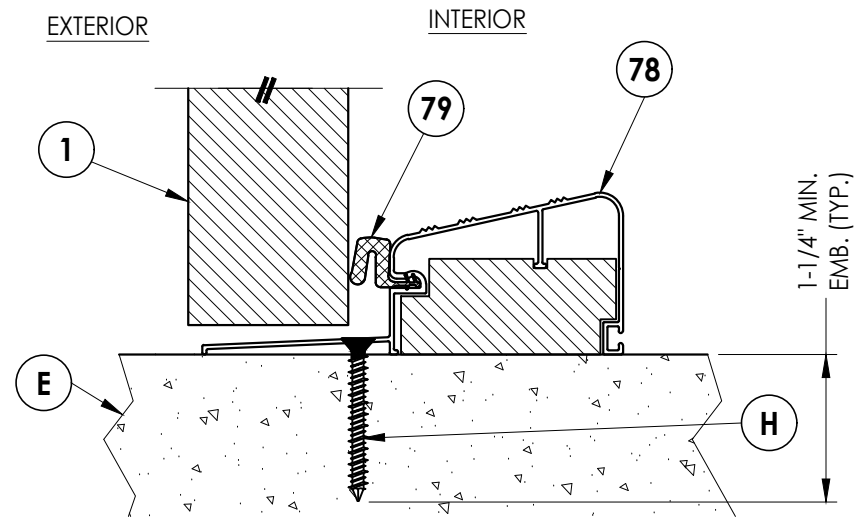
2/7 VERTICAL CROSS SECTION



3/7 VERTICAL CROSS SECTION
Outswing configuration
see general notes, sheet 1
for "HVHZ" water infiltration
requirements



4/7 VERTICAL CROSS SECTION
Outswing configuration
see general notes, sheet 1
for "HVHZ" water infiltration
requirements



5/7 VERTICAL CROSS SECTION
Outswing configuration
see general notes, sheet 1
for "HVHZ" water infiltration
requirements

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:
VERTICAL CROSS SECTIONS

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

DATE: 11/10/22

SCALE: N.T.S.

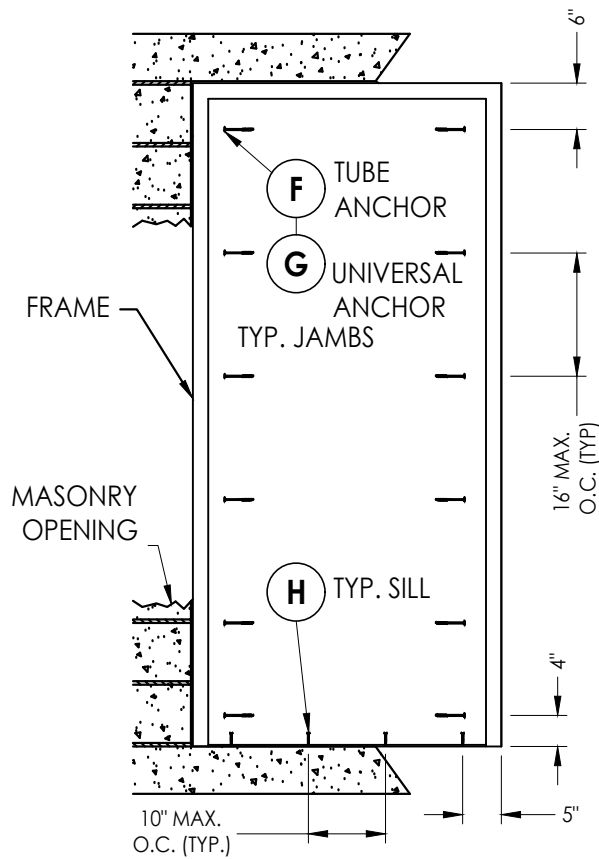
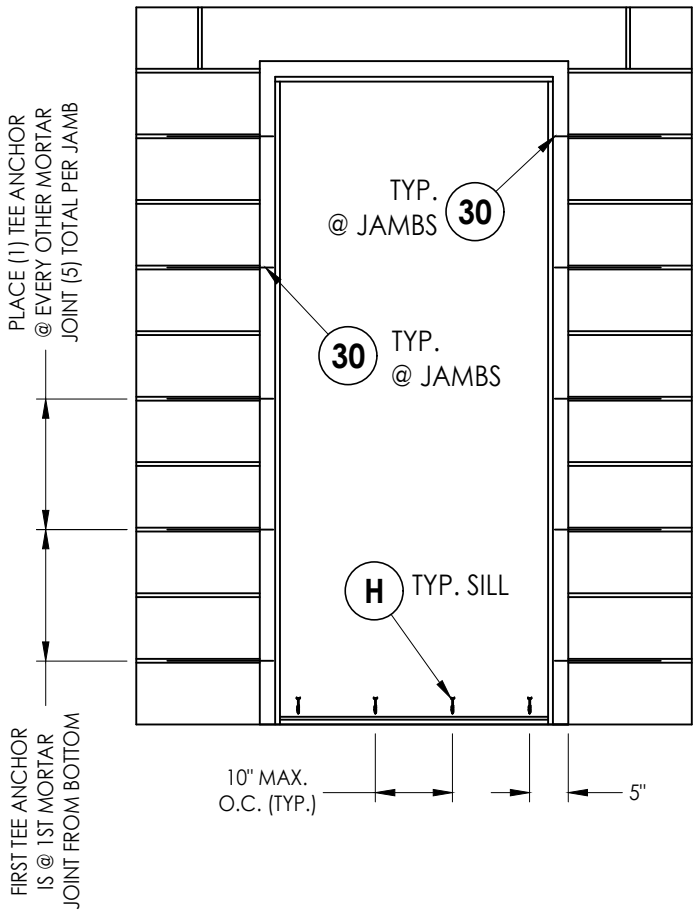
DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-41788.17

SHEET 7 OF 11

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CONCRETE ANCHOR NOTES:

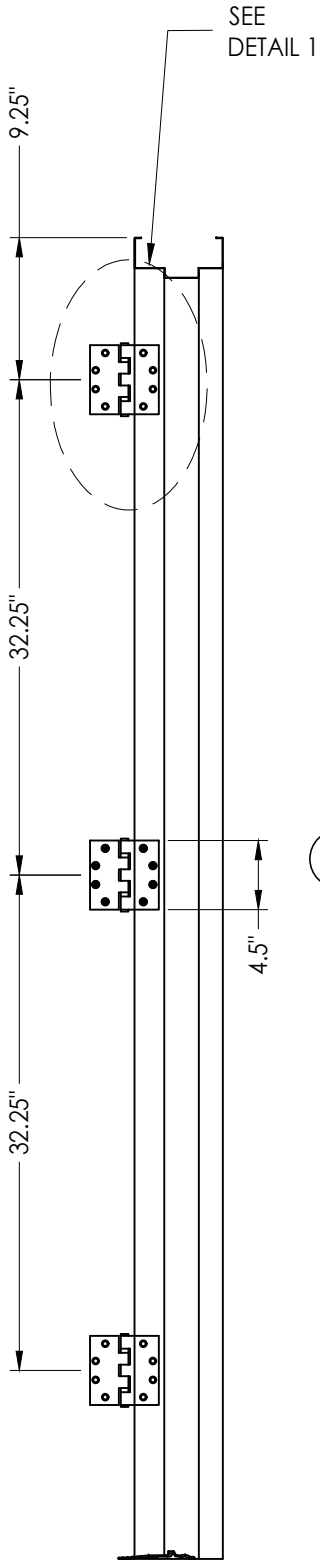
- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON 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"

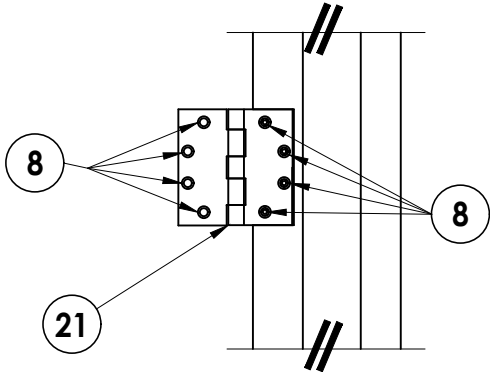
- Embedment may be through 1-1/4" face shell of hollow block.

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PRODUCT: PREMIER PRODUCTS, INC. "D" STEEL DOOR		PART OR ASSEMBLY: FRAME ANCHORING	
		LFS	BY
		FBC	
2	7/02/26	UPDATE TO 9TH ED. (2026)	FBC
1	8/21/23	UPDATE TO 8TH ED. (2023)	FBC
NO.	DATE		
REVISIONS			
DATE: 11/10/22			
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-41788.17			
SHEET 8 OF 11			

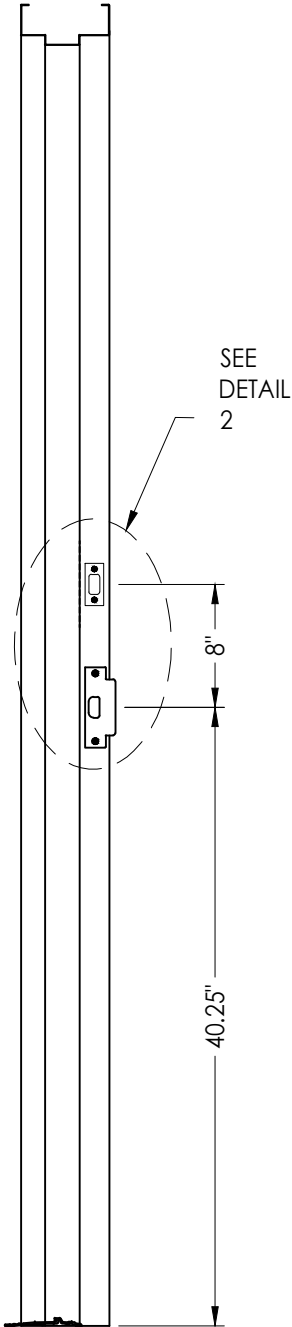
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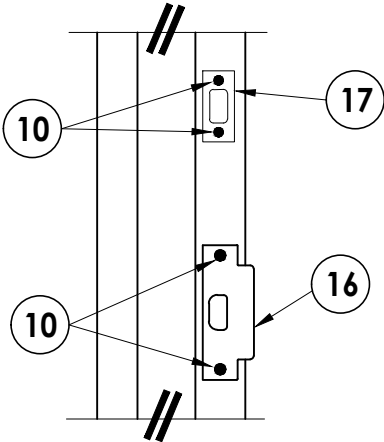
HINGE JAMB



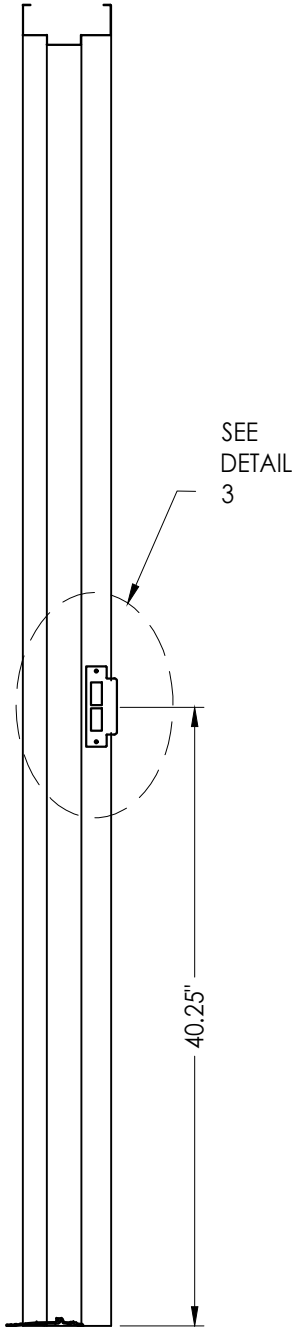
DETAIL 1



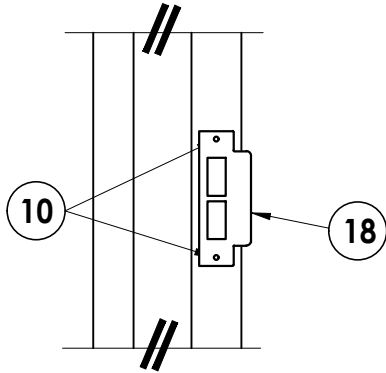
STRIKE JAMB
ANSI STRIKE & DEADBOLT STRIKE



DETAIL 2



STRIKE JAMB
MORTISE STRIKE



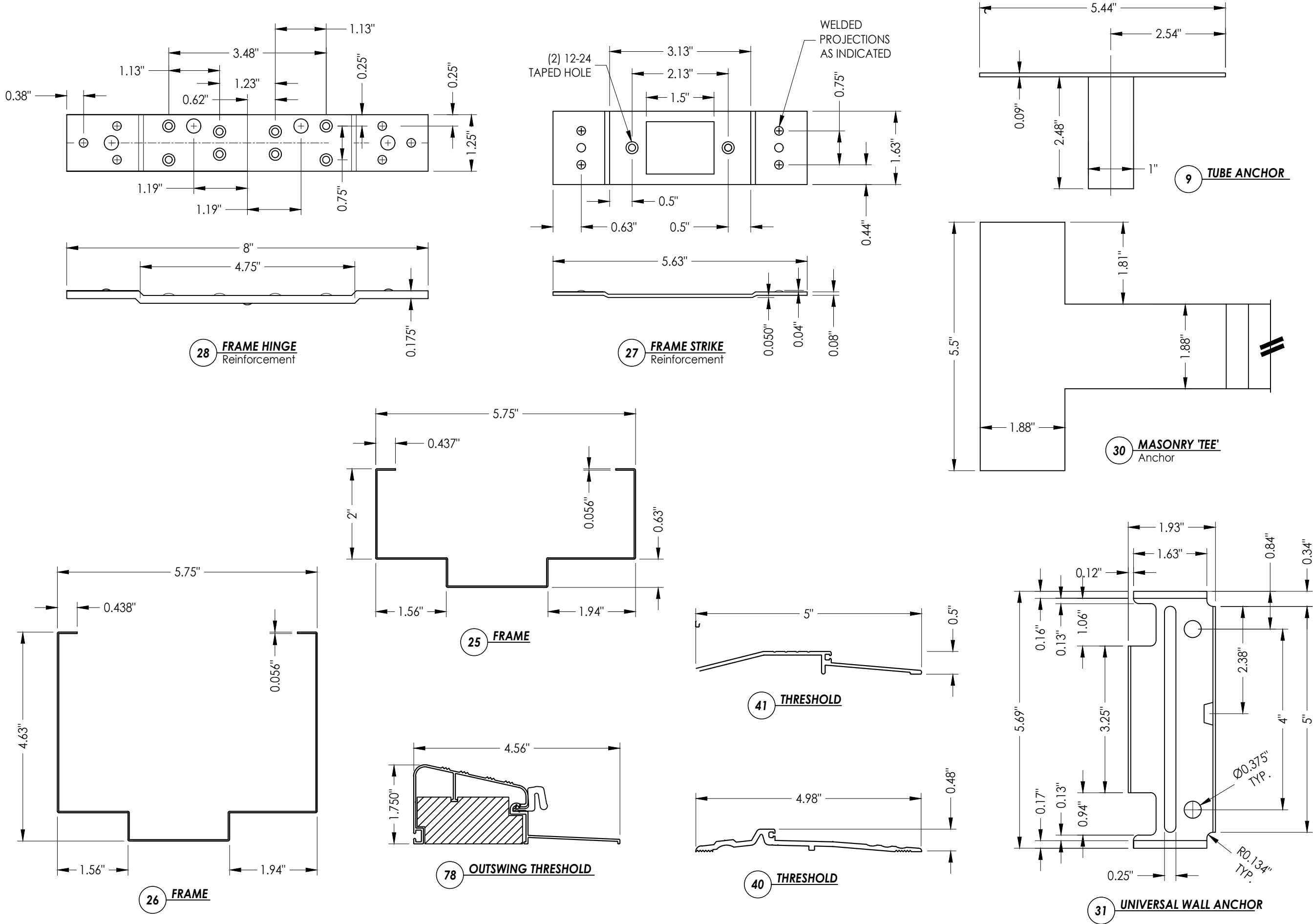
DETAIL 3

DATE: 11/10/22		NO.		DATE		REVISIONS	
SCALE: N.T.S.		2	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
DWG. BY: LFS		1	8/21/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
CHK. BY: RW				BY			
DRAWING NO.: FL-41788.17							
SHEET 9 OF 11							

PRODUCT: PREMIER PRODUCTS, INC. "D" STEEL DOOR	
	PART OR ASSEMBLY: ANCHORING DETAILS

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813

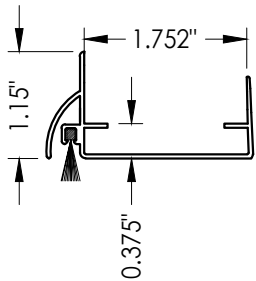
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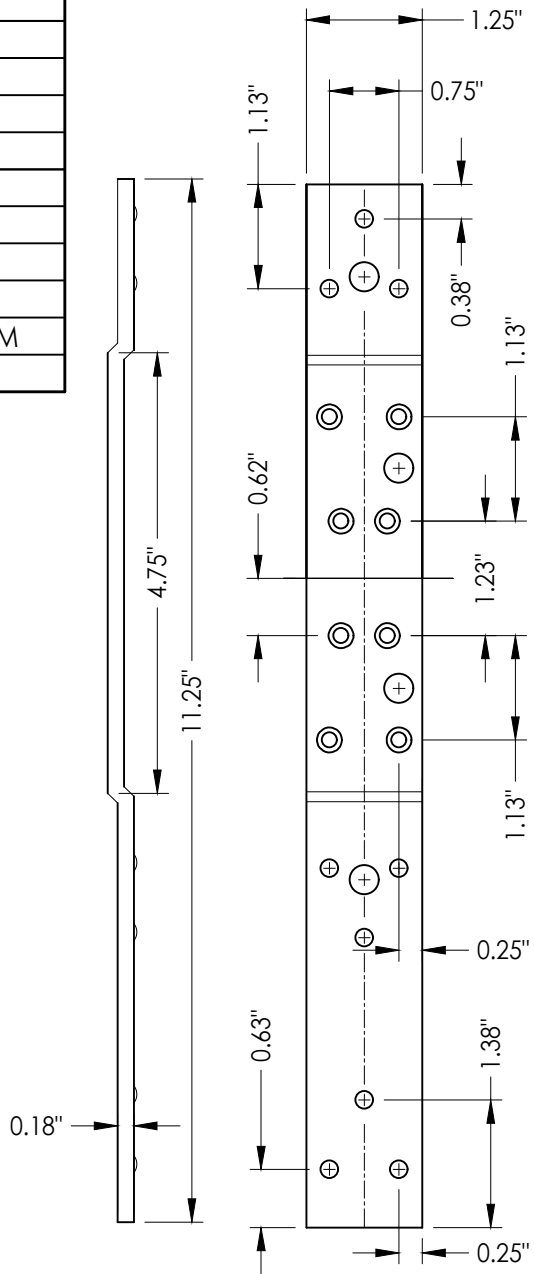
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: PREMIER PRODUCTS, INC. "D" STEEL DOOR		PART OR ASSEMBLY: COMPONENTS					
				LFS	FBC	UPDATE TO 9TH ED. (2026)	2
				LFS	FBC	UPDATE TO 8TH ED. (2023)	1
				BY	DATE		
				REVISIONS			
DATE: 11/10/22							
SCALE: N.T.S.							
DWG. BY: LFS							
CHK. BY: RW							
DRAWING NO.: FL-41788.17							
SHEET 10 OF 11							

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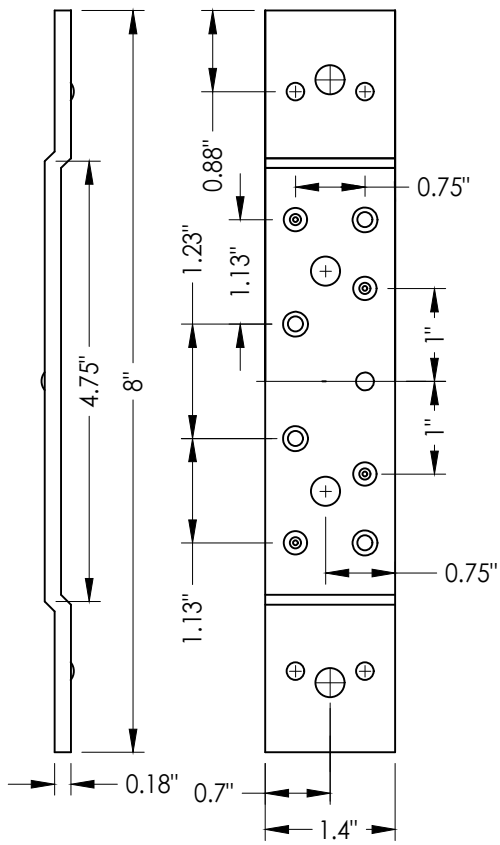
BILL OF MATERIALS					
ITEM	DESCRIPTION	MATERIAL	ITEM	DESCRIPTION	MATERIAL
C	MAX. 1/4" SHIM SPACE	-	23	STANDARD (SHORT) DOOR HINGE MIDDLE BOTTOM REINFORCEMENT	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE	24	WEATHER STRIP (THRESHOLD)	NEOPRENE
F	5/16" x 5" PFH ITW OR DeWALT PFH CONCRETE SCREW	STEEL	25	FRAME 5-3/4" MIN. (0.056" THK) BY MESKER	STEEL
G	5/16" x 4" HWH DeWALT OR ITW CONCRETE SCREW	STEEL	26	FRAME 5-3/4" MIN. WITH 4" HEAD	STEEL
H	1/4" x 1-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL	27	STRIKE REINFORCEMENT	STEEL
1	"D" OPAQUE STEEL DOOR PANEL	-	28	FRAME HINGE REINFORCEMENT	STEEL
2	DOOR SKIN (0.055" THK. STEEL, Fy = 40,317 PSI MIN.)	STEEL	30	MASONRY 'TEE' ANCHOR (MESKER PFMT5)	STEEL
3	FOAM 1.0 PCF MIN. DENSITY	POLYSTYRENE	31	UNIVERSAL WALL ANCHOR	STEEL
4	DOOR TOP & BOTTOM CLOSER	STEEL	40	THRESHOLD NATIONAL GUARD PRODUCTS, INC. #896	ALUMINUM
5	LOCK BOX REINFORCEMENT	STEEL	41	THRESHOLD NATIONAL GUARD PRODUCTS, INC. #950	ALUMINUM
6	CLOSER REINFORCEMENT	STEEL	42	THRESHOLD PEMKO #2005V	ALUMINUM
7	MORTISE BOX REINFORCEMENT	STEEL	45	95WHA DOOR SWEEP NATIONAL GUARD PRODUCTS, INC.	ALUMINUM
8	#12-24 x 1/2" SELF TAPPING	STEEL	46	#6 X 3/4" PHILLIPS HEAD SMS	STEEL
9	TUBE ANCHOR	STEEL	70	SCHLAGE LOCK SET ASSEMBLY ND53PD	STEEL
10	#12-24 x 1.0" COMBINATION MACHINE / WOOD SCREW	STEEL	71	DESIGN HARDWARE D1-S SERIES DEADBOLT	STEEL
11	DOOR STILE EDGE REINFORCEMENT (D DOOR)	STEEL	72	DESIGN HARDWARE "Z" SERIES ENTRY	STEEL
16	ANSI LATCH STRIKE	STEEL	73	86E MORTISE LOCK- ONITY CT SERIES	STEEL
17	DEADBOLT STRIKE	STEEL	74	86E MORTISE LOCK- ONITY HT SERIES	STEEL
18	ANSI MORTISE STRIKE	STEEL	75	86E MORTISE LOCK- ONITY ADVANCE SERIES	STEEL
20	WEATHER-STRIP	NEOPRENE	76	DESIGN HARDWARE D2-S SERIES DEADBOLT	STEEL
21	4-1/2" X 4-1/2" X 0.125" TEMPLATE HINGE	STEEL	77	DESIGN HARDWARE "X" SERIES ENTRY	STEEL
22	STANDARD (LONG) DOOR HINGE TOP HINGE REINFORCEMENT	STEEL	78	OUTSWING THRESHOLD BY DLP #QOSH	ALUMINUM
			79	WEATHER-STRIP	FOAM



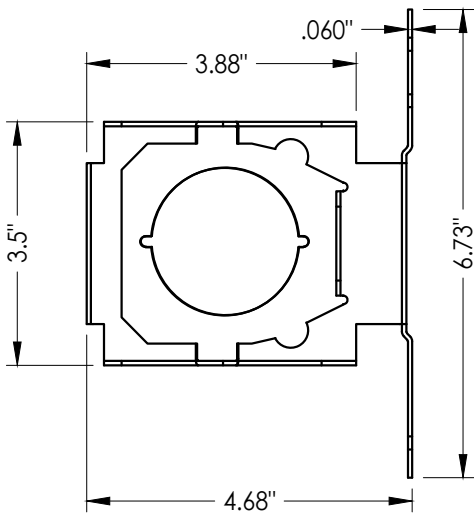
45 DOOR SWEEP



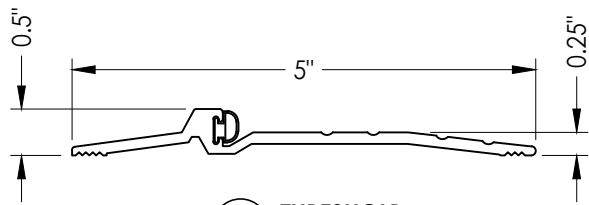
22 STANDARD (LONG) DOOR HINGE
Reinforcement top hinge



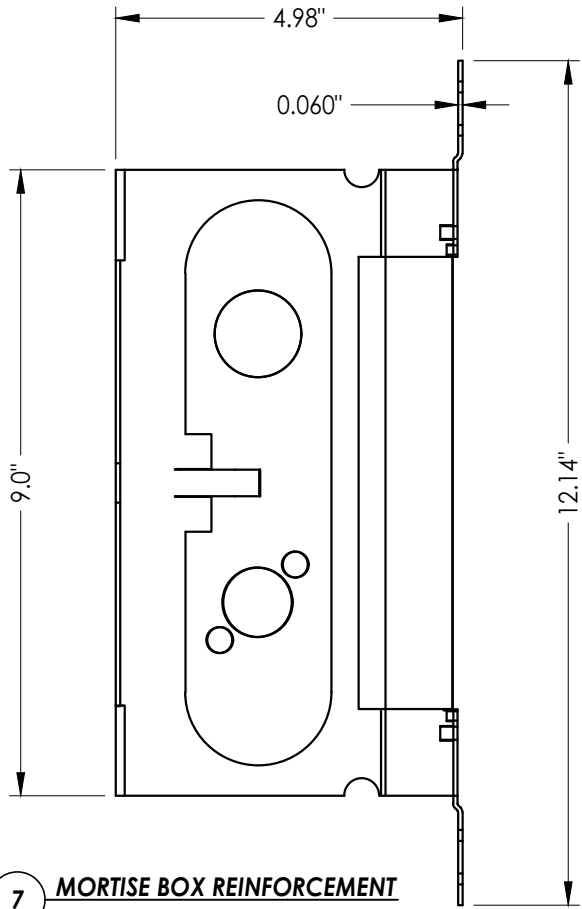
23 STANDARD (SHORT) DOOR HINGE
Reinforcement middle and bottom hinge



5 LOCK BOX REINFORCEMENT



42 THRESHOLD



7 MORTISE BOX REINFORCEMENT

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:
BILL OF MATERIALS
& COMPONENTS

REVISIONS		DATE		BY	
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

DRAWING NO.: FL-41788.17

SHEET 11 OF 11