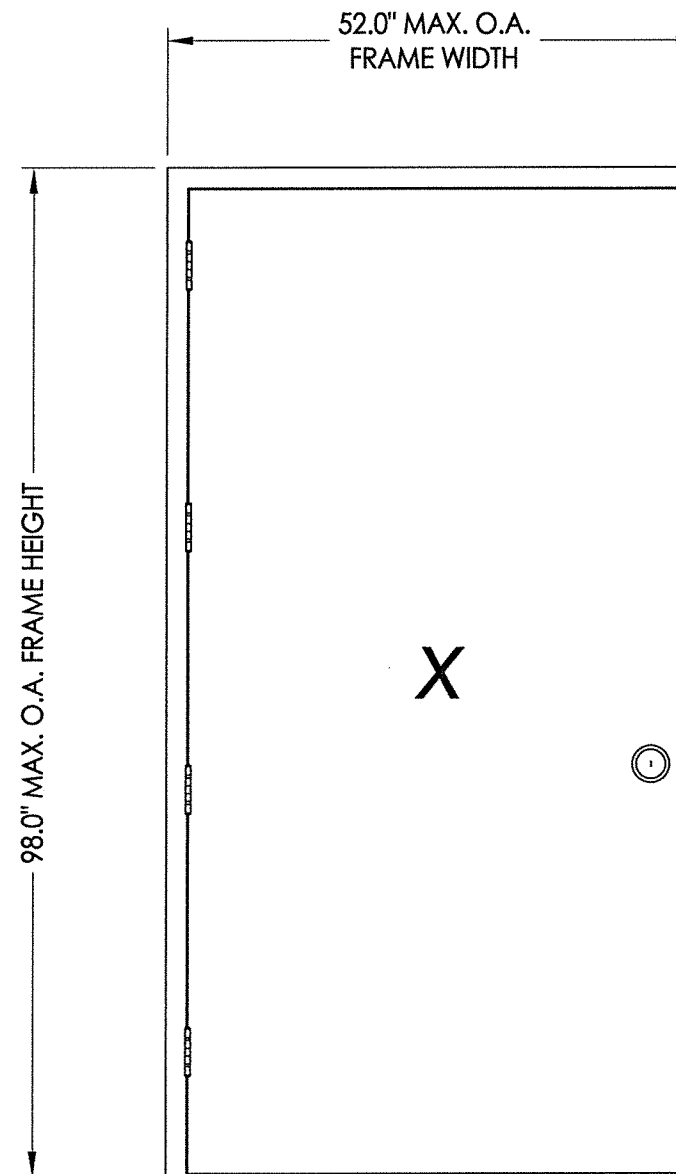


PREMIER PRODUCTS, Inc.

2840 Sterlington Road
Monroe, LA 71203

"SWR-S18-4" SEVERE WINDSTORM RATED STEEL DOOR OUTSWING "NON-IMPACT"



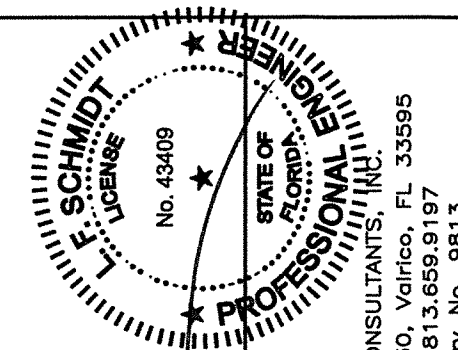
GENERAL NOTES

1. 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).
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. 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 elevations, design pressures, & general notes
2	Door panel details
3	Horizontal & vertical cross sections
4	Horizontal cross sections
5	Frame anchoring
6	Bill of materials and components

MAX. OVERALL DIMENSION	DESIGN PRESSURE (PSF)	
	POSITIVE	NEGATIVE
52.0" X 98.0"	+50.0	-50.0

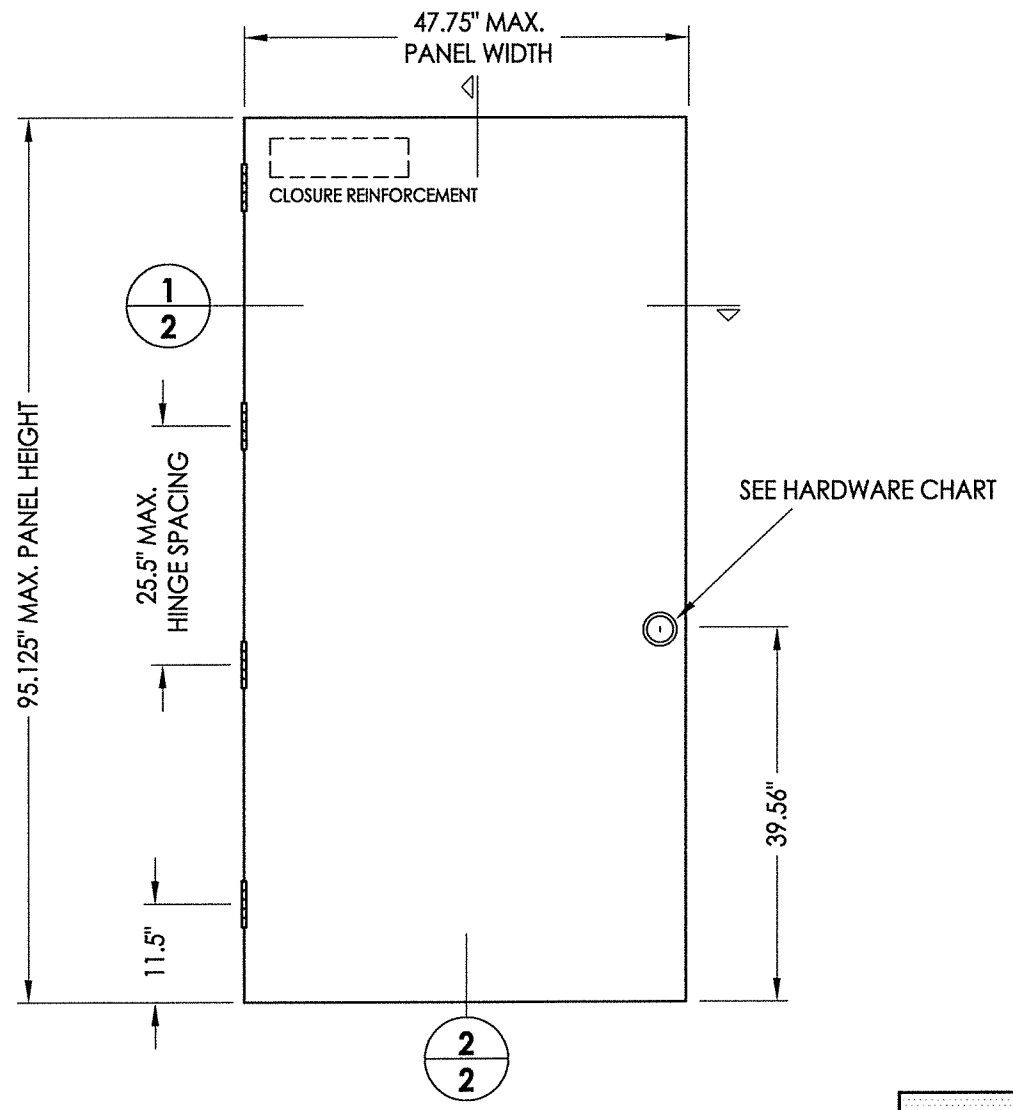
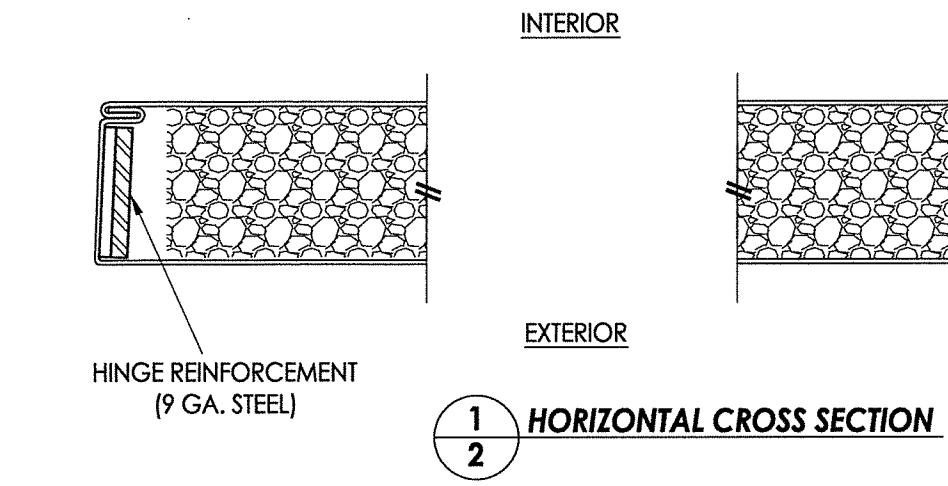


September 9, 2020
 Documents Prepared By:
 Lyndon F. Schmidt
 P.E. No. 43409
 R.W. BUILDING CONSULTANTS, INC.
 P.O. Box 230, Valrico, FL 33595
 Phone No.: 813.659.9197
 FBPE Registry No. 9813

PRODUCT:	PREMIER PRODUCTS, INC.
PART OR ASSEMBLY:	TYPICAL ELEVATIONS, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	REVISIONS
2	9/08/20	UPDATE TO 7TH ED. (2020) FBC
1	9/20/17	UPDATE TO 6TH ED. (2017) FBC

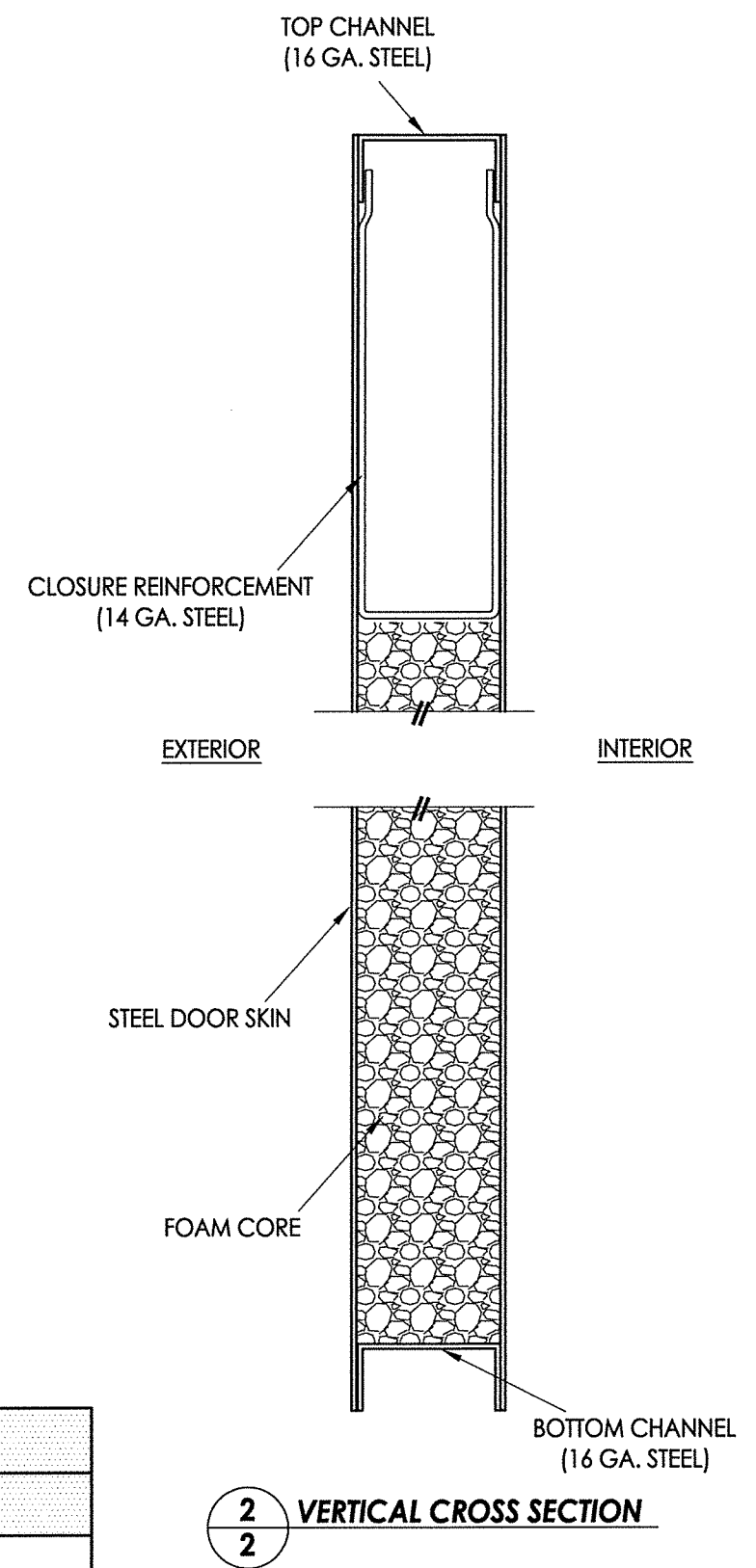
DATE:	12/11/15
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-17460.1
SHEET	1 OF 6



1 **OPAQUE STEEL DOOR PANEL**

STEEL DOOR SKIN: 18 GA. A60 GALV. (min. 0.042" THK.)
CORE MATERIAL: EPS Foam (Polystyrene - 1.0 PCF Min. Density)

HARDWARE CHART	
MANUFACTURER	MODEL
SCHLAGE	CYLINDRICAL LOCK: D-SERIES



September 9, 2020

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L. F. SCHMIDT
FL LICENSE
No. 43409
STATE OF FLORIDA
PROFESSIONAL ENGINEER

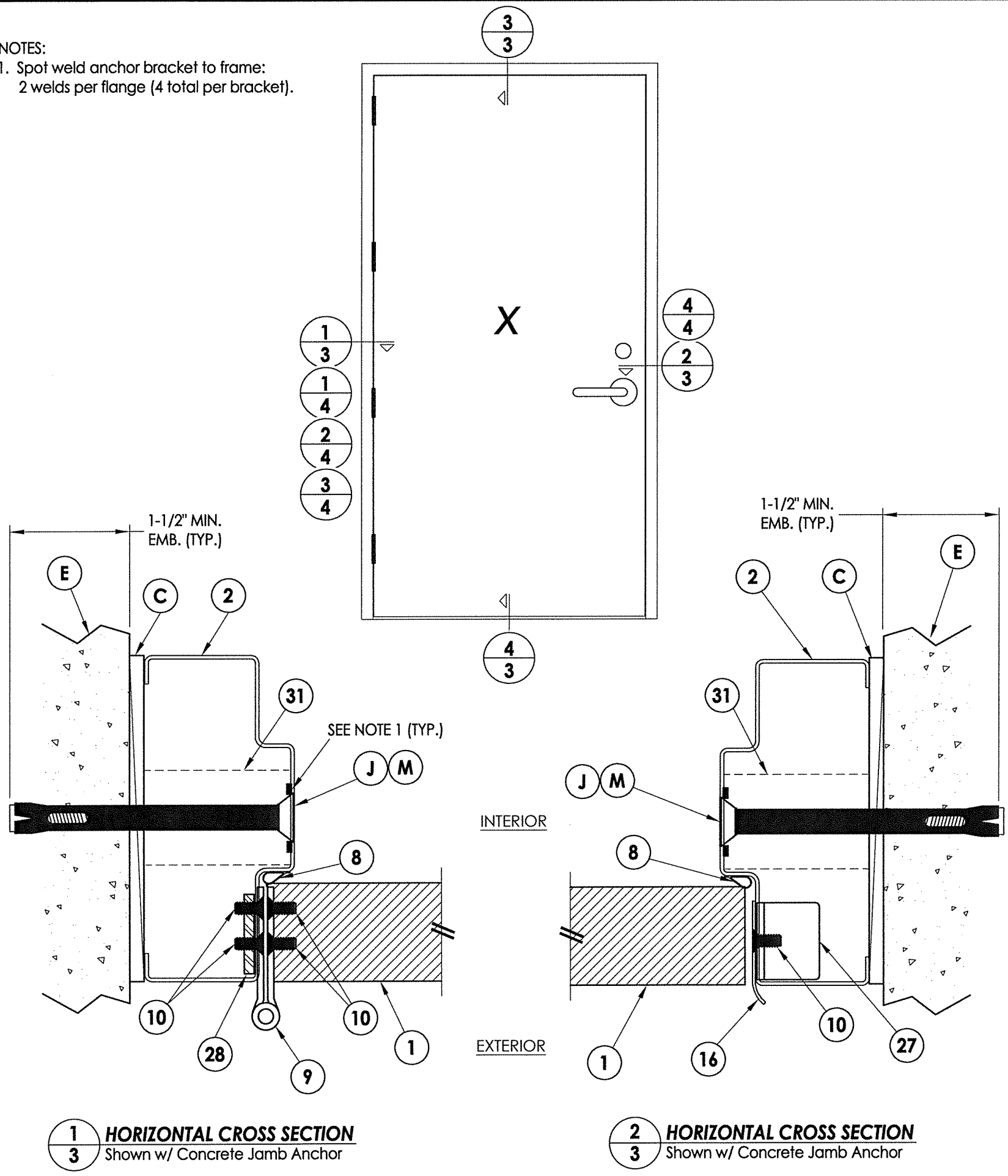
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BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:	PREMIER PRODUCTS, INC.
PART OR ASSEMBLY:	DOOR PANEL DETAILS
DATE:	12/11/15
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-17460.1
SHEET	2 OF 6

NO.	DATE	REVISIONS
2	9/08/20	UPDATE TO 7TH ED. (2020) FBC LFS
1	9/20/17	UPDATE TO 6TH ED. (2017) FBC LFS
		BY

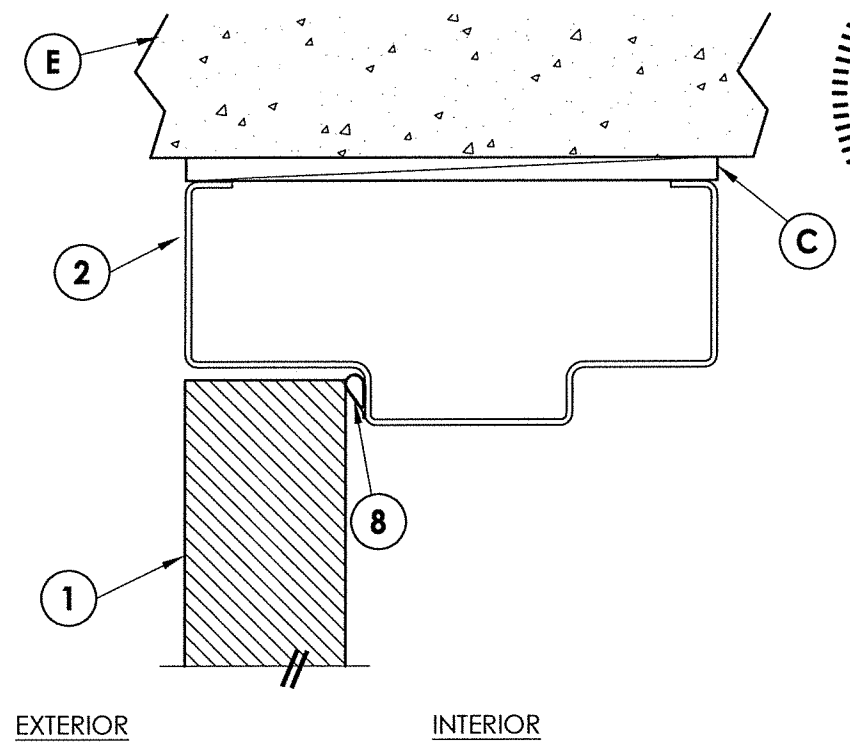
R:\Clients\Premier Products PERMANENTVA - Florida Product Approvals\FL-17460C - Drawings\FL-17460 (2020)\FL-17460.1-4.dwg, 3.1

NOTES:
 1. Spot weld anchor bracket to frame:
 2 welds per flange (4 total per bracket).

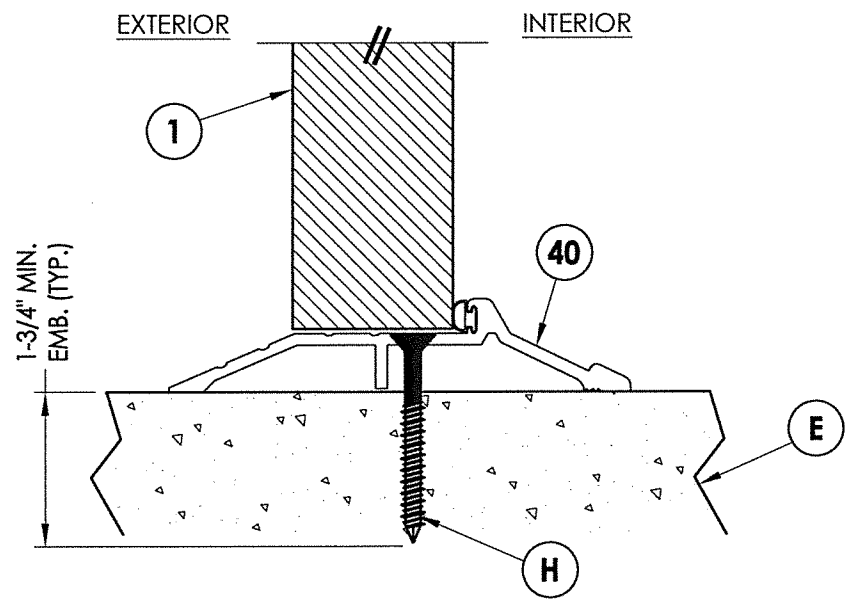


1 HORIZONTAL CROSS SECTION
3 Shown w/ Concrete Jamb Anchor

2 HORIZONTAL CROSS SECTION
3 Shown w/ Concrete Jamb Anchor



3 VERTICAL CROSS SECTION
3



4 VERTICAL CROSS SECTION
3

L. F. SCHMIDT
 LICENSE
 No. 43409
 STATE OF
 FLORIDA
PROFESSIONAL ENGINEER

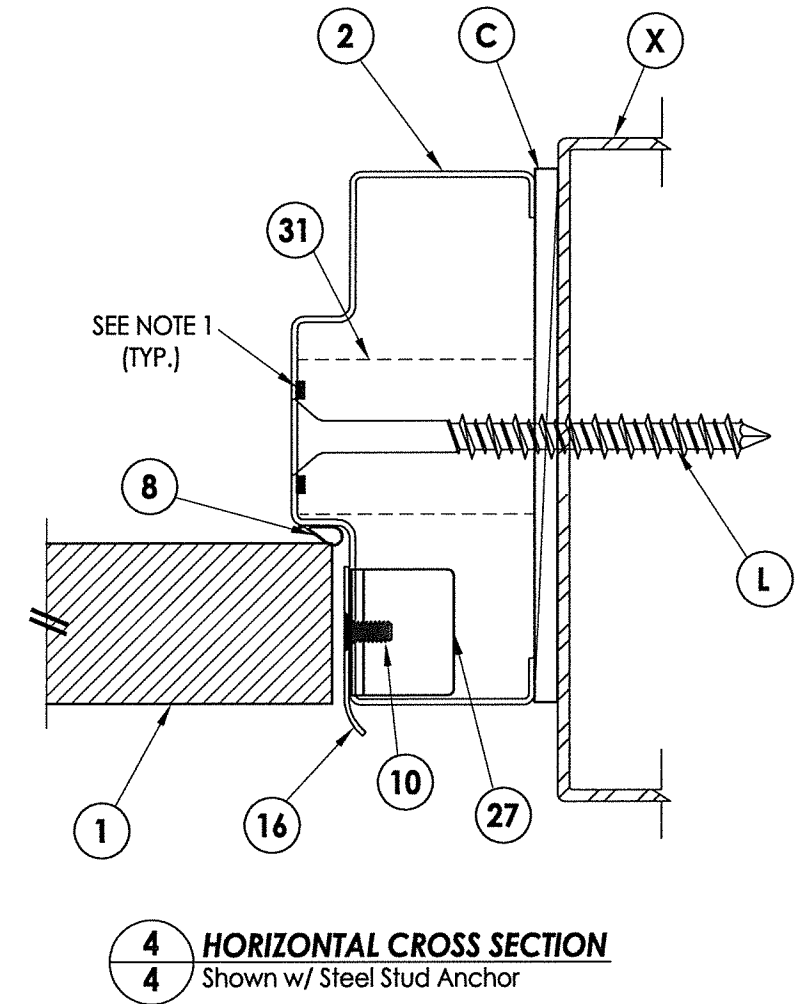
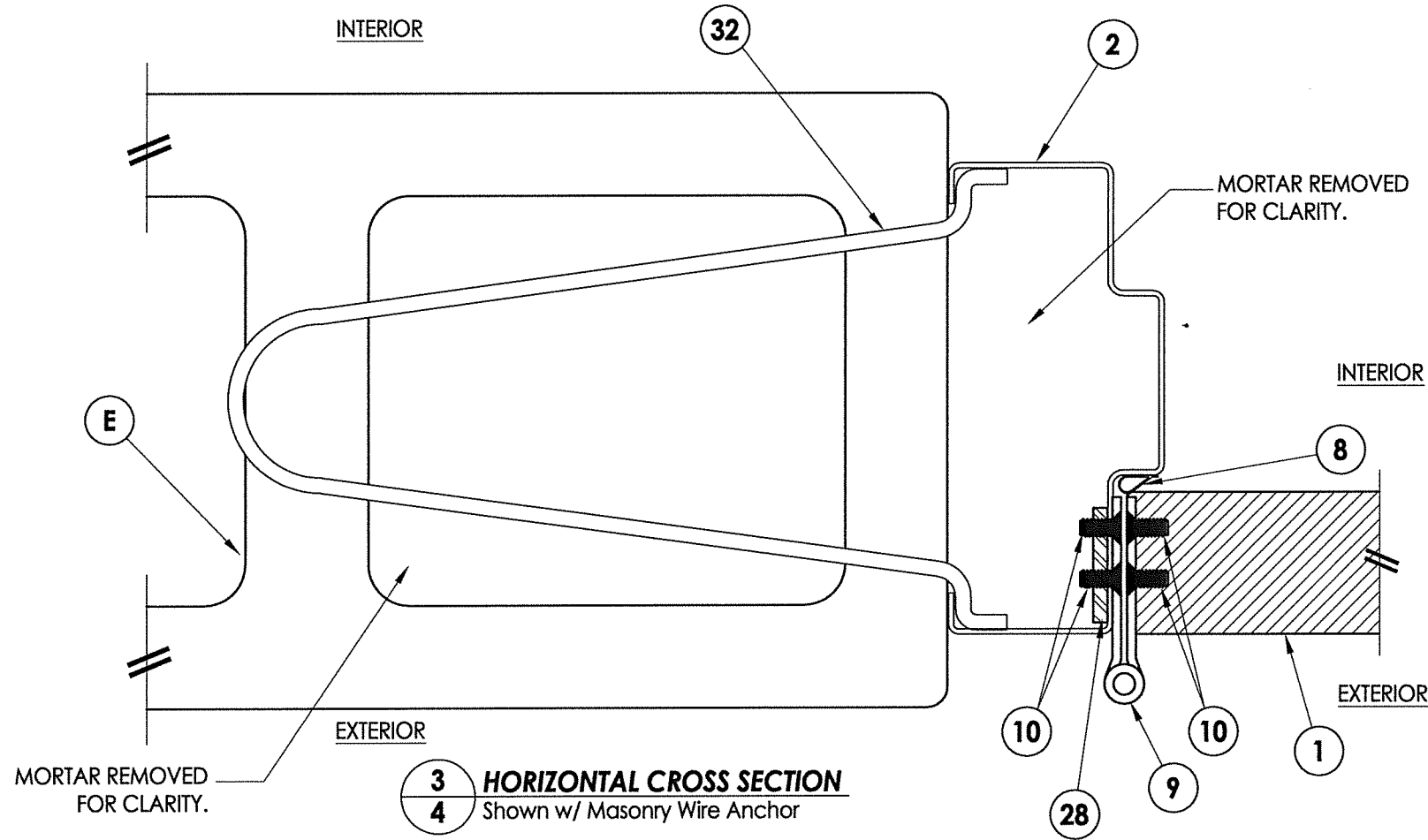
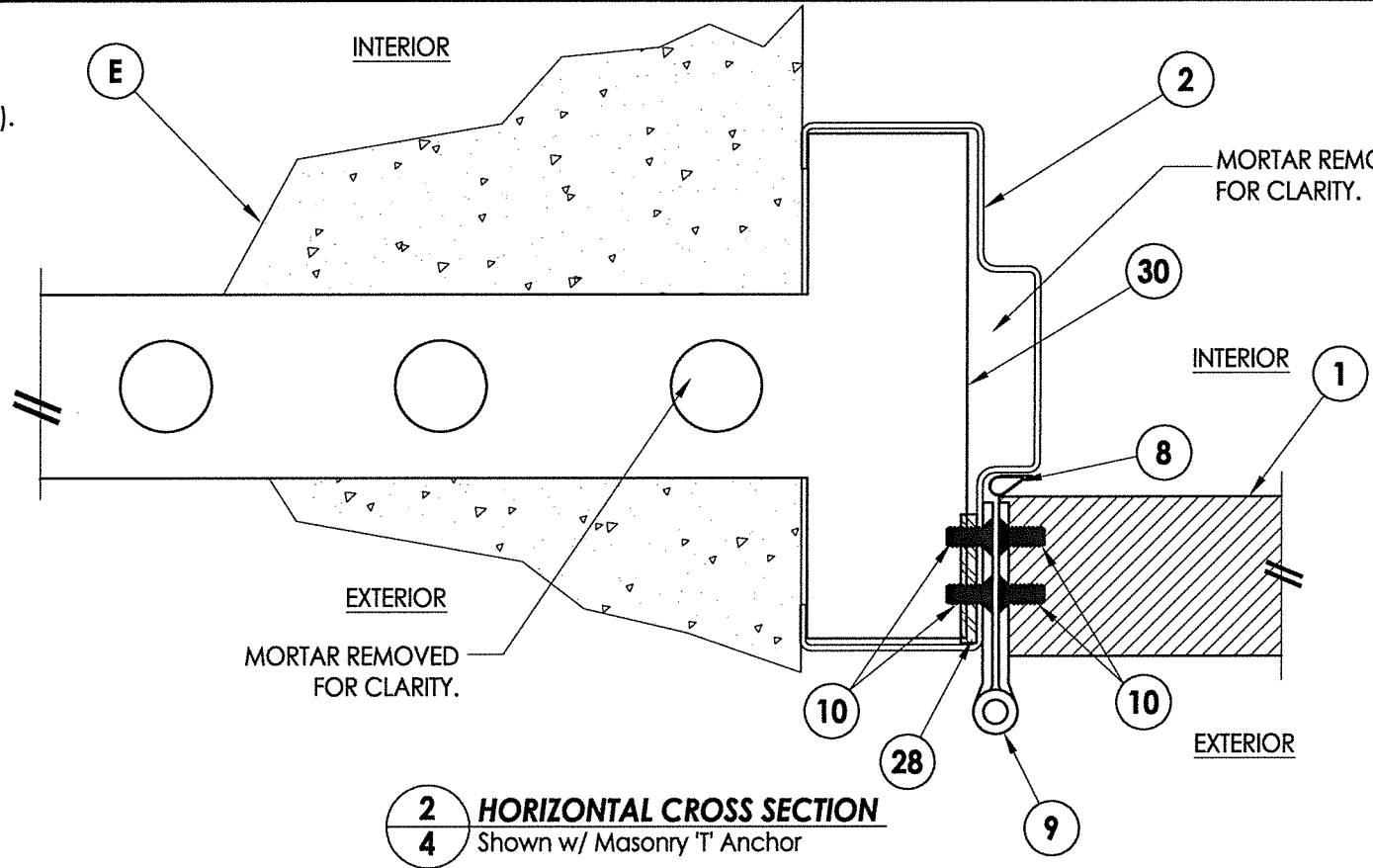
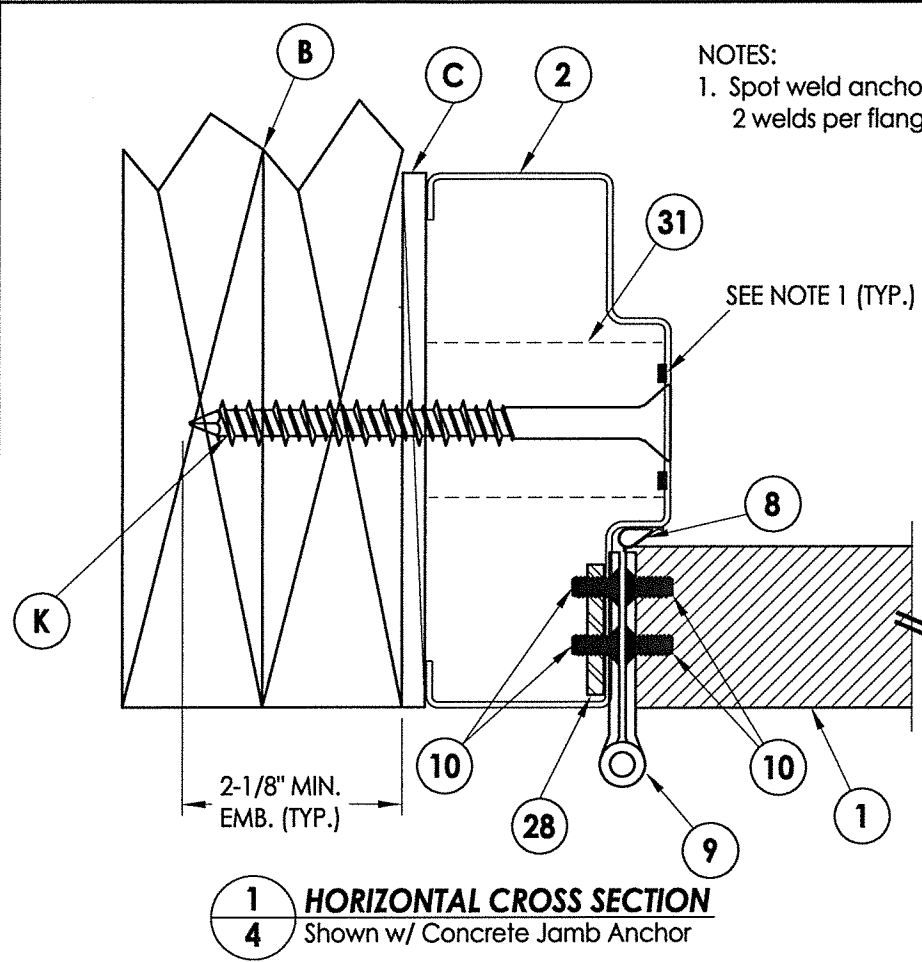
September 9, 2020
 Documents Prepared By:
 Lyndon F. Schmidt
 P.E. No. 43409

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.	
PART OR ASSEMBLY:		HORIZONTAL & VERTICAL CROSS SECTIONS	
DATE:	12/11/15	NO.	DATE
SCALE:	N.T.S.	2	9/08/20
DWG. BY:	JK	1	9/20/17
CHK. BY:	LFS		
DRAWING NO.:	FL-17460.1		
SHEET	3	OF	6

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PROFESSIONAL ENGINEER

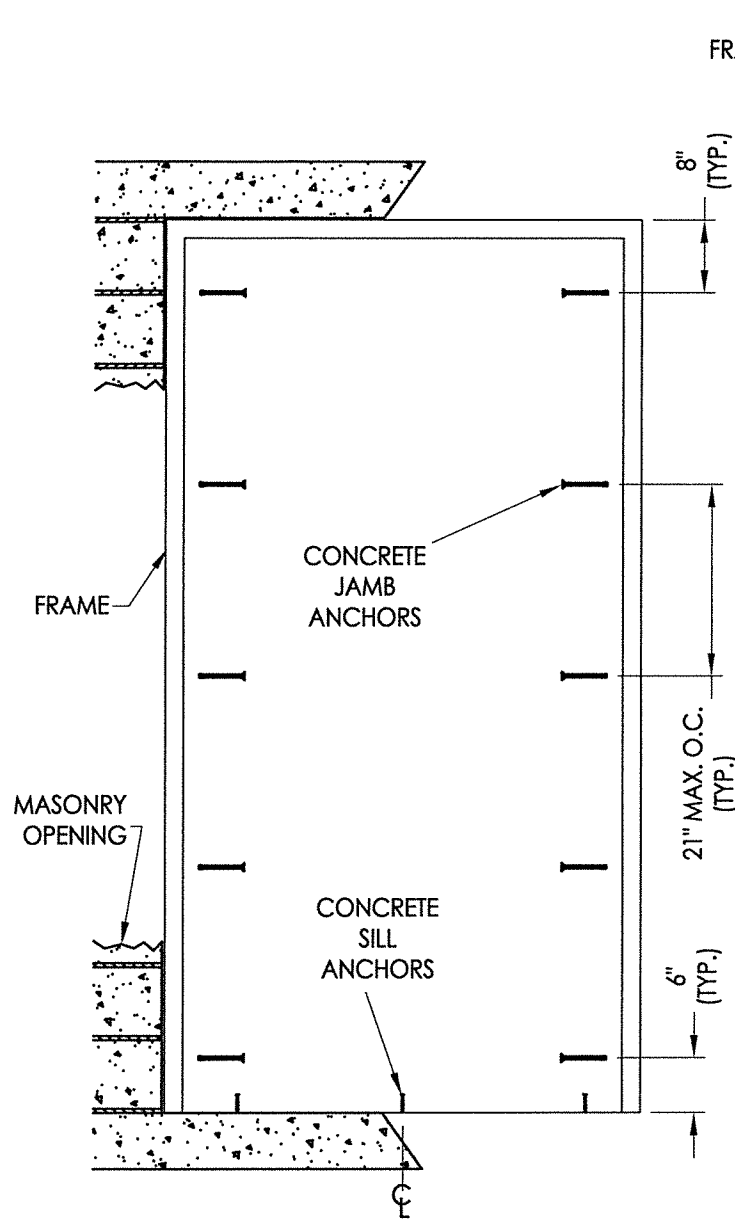
September 9, 2020

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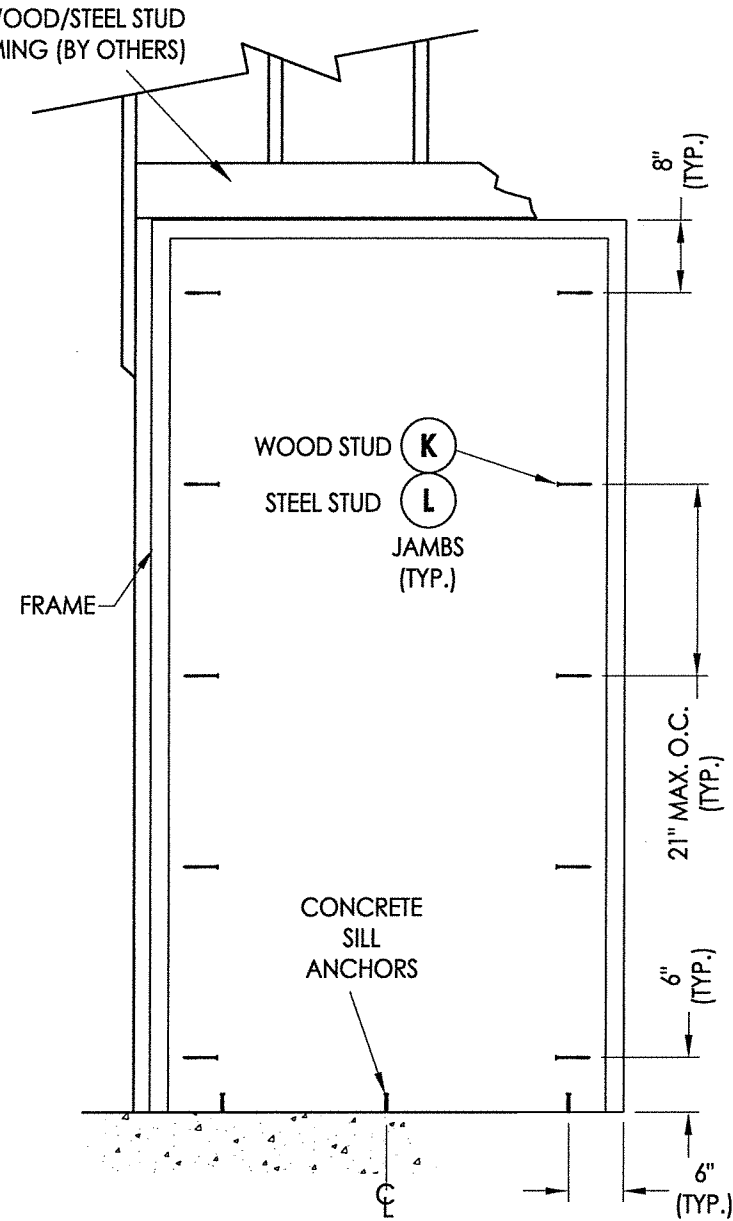
R.W.
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:	PREMIER PRODUCTS, INC.	
PART OR ASSEMBLY:	HORIZONTAL CROSS SECTIONS	
DATE:	12/11/15	
SCALE:	N.T.S.	
DWG. BY:	JK	
CHK. BY:	LFS	
DRAWING NO.:	FL-17460.1	
SHEET	4 OF 6	
NO.	DATE	REVISIONS
2	9/08/20	UPDATE TO 7TH ED. (2020) FBC
1	9/20/17	UPDATE TO 6TH ED. (2017) FBC

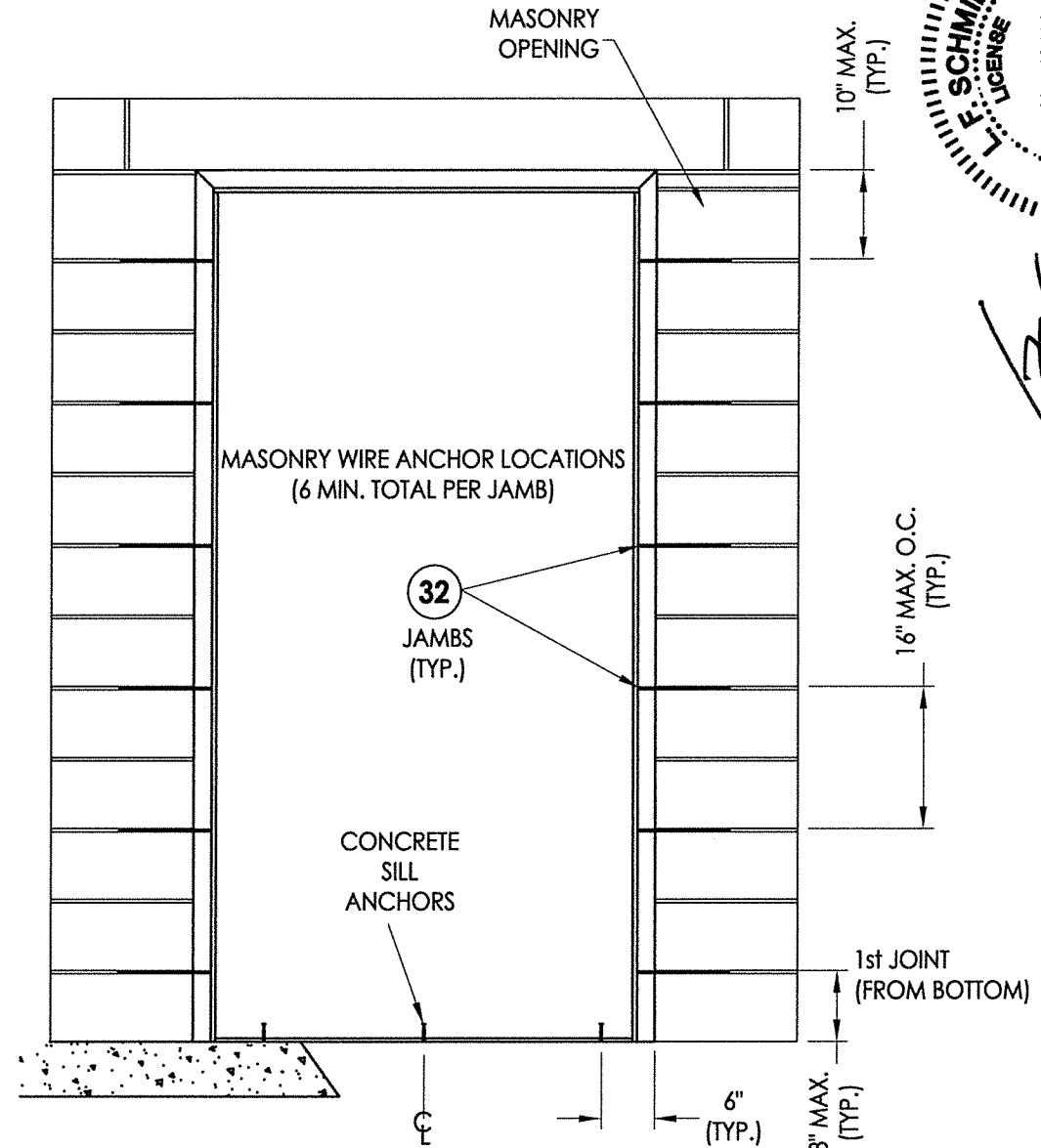
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FRAME ANCHORING
Masonry Construction
Concrete Anchors



FRAME ANCHORING
Wood/Steel Stud

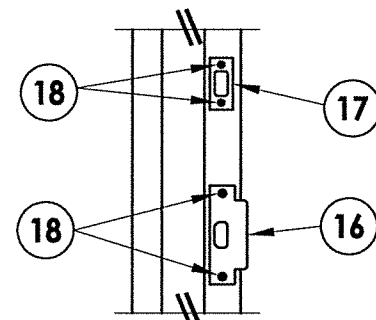


FRAME ANCHORING
Masonry Construction
Masonry Wire Anchors

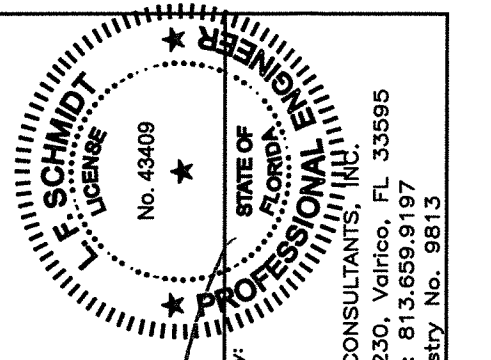
CONCRETE ANCHOR NOTES:

- Concrete screw locations at the corners may be adjusted to maintain a minimum 1" edge distance to mortar joints. If concrete screw locations noted as "MAX. O.C." 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.
- Concrete anchor table:

ANCHOR TYPE	ANCHOR LOCATION	ANCHOR SIZE	MANUFACTURER	MIN. EDGE DISTANCE	MIN. EMBEDMENT
CONCRETE ANCHOR SCREW	JAMBS	3/8"	LDT TAPCON® (ITW BUILDEX)	3"	1-1/2"
	SILL	1/4"	TAPCON® (ITW BUILDEX) ULTRACON+® (DeWALT)	2-1/2"	1-3/4"
CONCRETE SLEEVE ANCHOR	JAMBS	3/8"	DYNABOLT SLEEVE ANCHOR® (ITW REDHEAD)	2-1/4"	1-1/2"



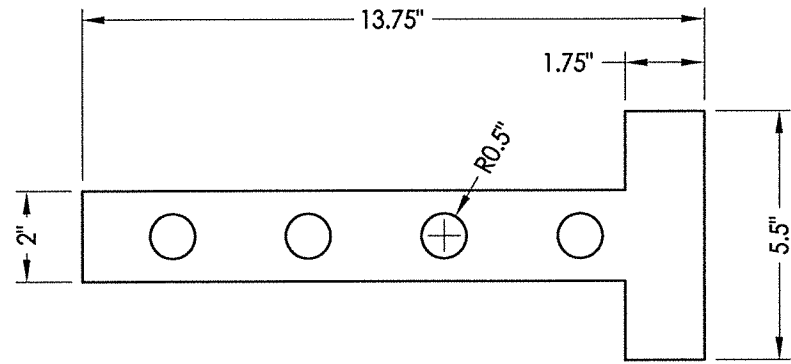
STRIKE DETAIL
Latch & Deadbolt



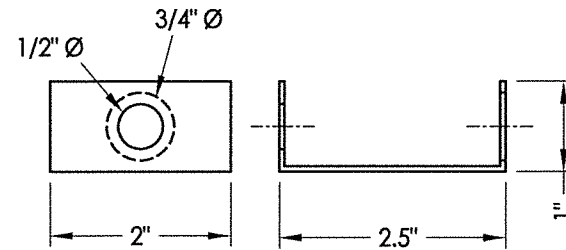
September 9, 2020
 Documents Prepared By:
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 Phone No.: 813.659.9197
 FBPE Registry No. 9813

PRODUCT:	PREMIER PRODUCTS, INC.
PART OR ASSEMBLY:	FRAME ANCHORING
DATE	NO.
9/08/20	2
UPDATE TO 7TH ED. (2020) FBC	LFS
9/20/17	1
UPDATE TO 6TH ED. (2017) FBC	LFS
BY	
REVISIONS	
DATE:	12/11/15
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-17460.1
SHEET	5 OF 6

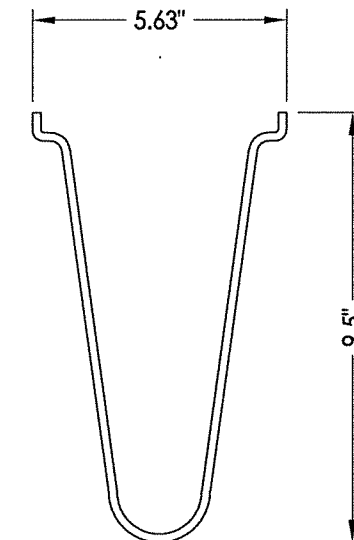
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
C	1/4" MAX. SHIM SPACE	-
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK (GROUT FILLED) CONFORMING TO ASTM C90	CONCRETE
H	1/4" X 2-1/4" PFH CONCRETE SCREW (SEE CONCRETE ANCHOR TABLE)	STEEL
J	3/8" X 5" PFH DYNABOLT SLEEVE ANCHOR (SEE CONCRETE ANCHOR TABLE)	STEEL
K	3/8" X 5" FH LAG SCREW (2-1/8" MIN. EMBEDMENT)	STEEL
L	3/8" Ø SMS (MUST PENETRATE MIN. 3 THREADS THROUGH STEEL STUD)	STEEL
M	3/8" X 5" LDT TAPCON CONCRETE SCREW (SEE CONCRETE ANCHOR TABLE)	STEEL
X	STEEL STUD (0.125" MIN. THK, Fu = 50 ksi, Fy = 33 ksi)	STEEL
1	STEEL DOOR PANEL	-
2	HOLLOW METAL FRAME (16 GA)	STEEL
8	WEATHERSTRIP (PEMKO S88)	STEEL
9	4-1/2" X 4-1/2" HINGE	STEEL
10	#12-24 X 1/2" PFH MACHINE SCREW	STEEL
16	LATCH STRIKE PLATE	STEEL
17	DEADBOLT STRIKE PLATE	STEEL
18	#12 X 1" FH SCREW	STEEL
27	FRAME STRIKE REINFORCEMENT (14 GA)	STEEL
28	FRAME HINGE REINFORCEMENT (9 GA)	STEEL
30	MASONRY 'T' ANCHOR	STEEL
31	EXISTING WALL ANCHOR	STEEL
32	WIRE ANCHOR	STEEL
40	THRESHOLD (PEMKO 181 V)	ALUMINUM



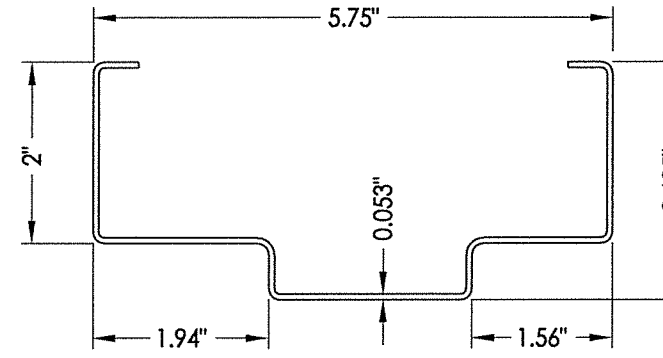
30 MASONRY 'T' ANCHOR
16 GA STEEL



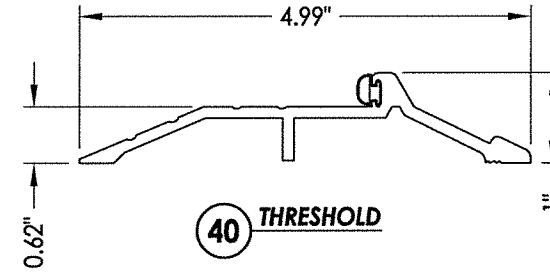
31 EXISTING WALL ANCHOR



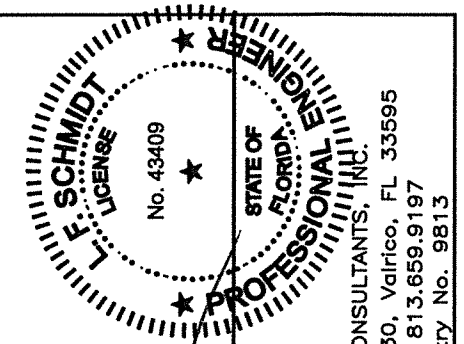
32 WIRE ANCHOR
9 GA STEEL



2 HOLLOW METAL FRAME



40 THRESHOLD



September 9, 2020
 Documents Prepared By:
 Lyndon F. Schmidt
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RW
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 FBPE Registry No. 9813

PRODUCT:	PREMIER PRODUCTS, INC.	
PART OR ASSEMBLY:	BILL OF MATERIALS & COMPONENTS	
NO.	DATE	BY
2	9/08/20	LFS
1	9/20/17	LFS
REVISIONS		
DATE: 12/11/15		
SCALE: N.T.S.		
DWG. BY: JK		
CHK. BY: LFS		
DRAWING NO.: FL-17460.1		
SHEET 6 OF 6		