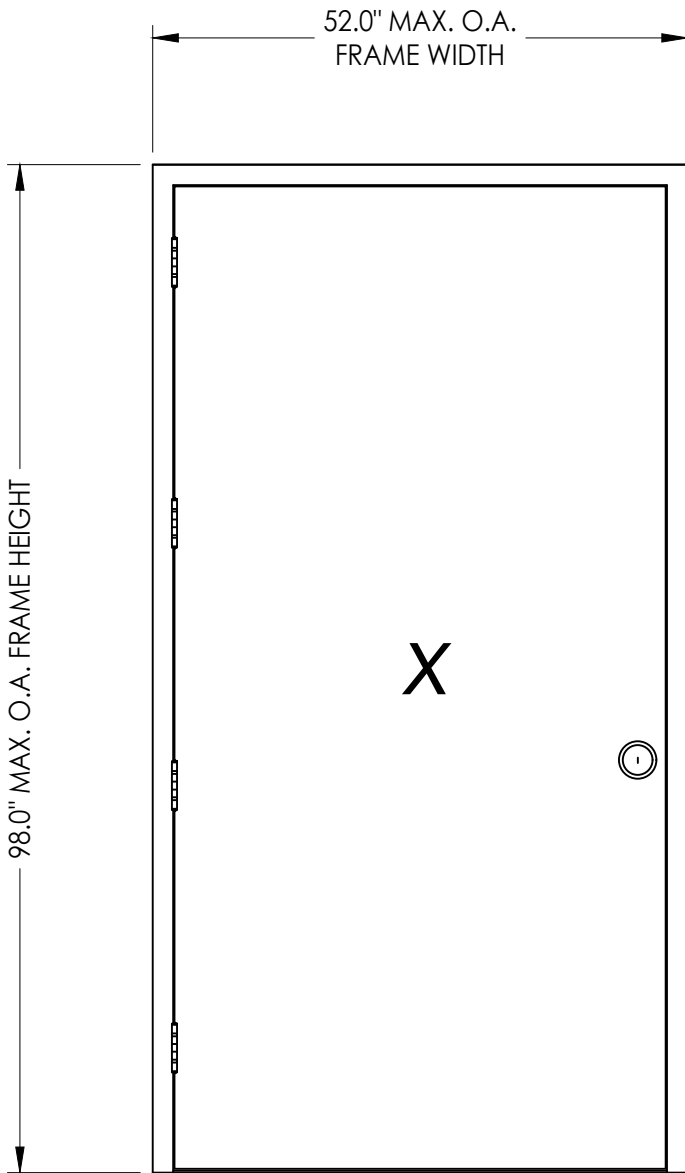


2840 Sterlington Road
Monroe, LA 71203

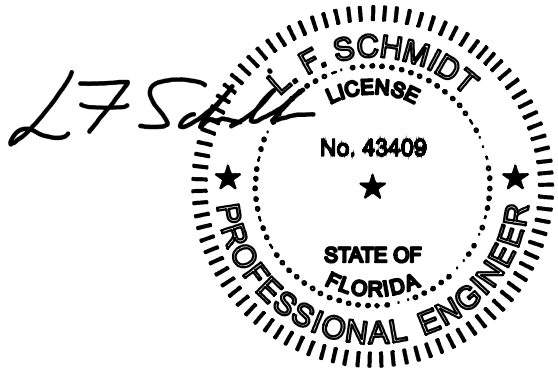
GENERAL NOTES

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. 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

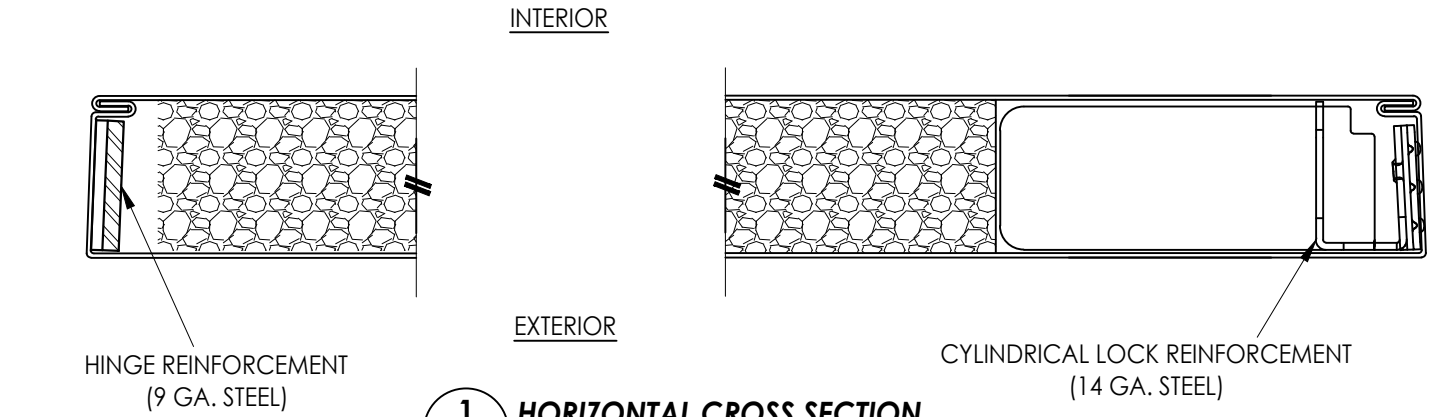


This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

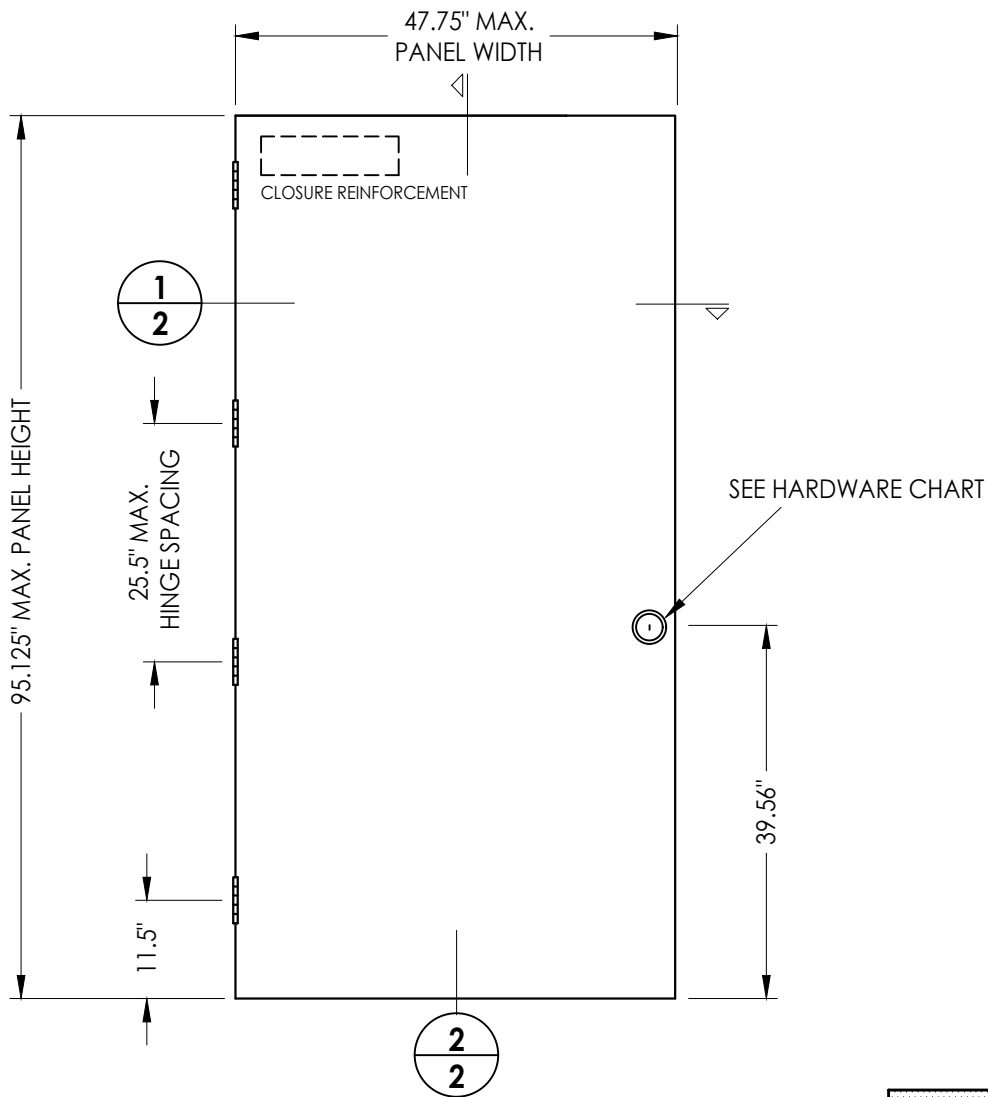
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409											
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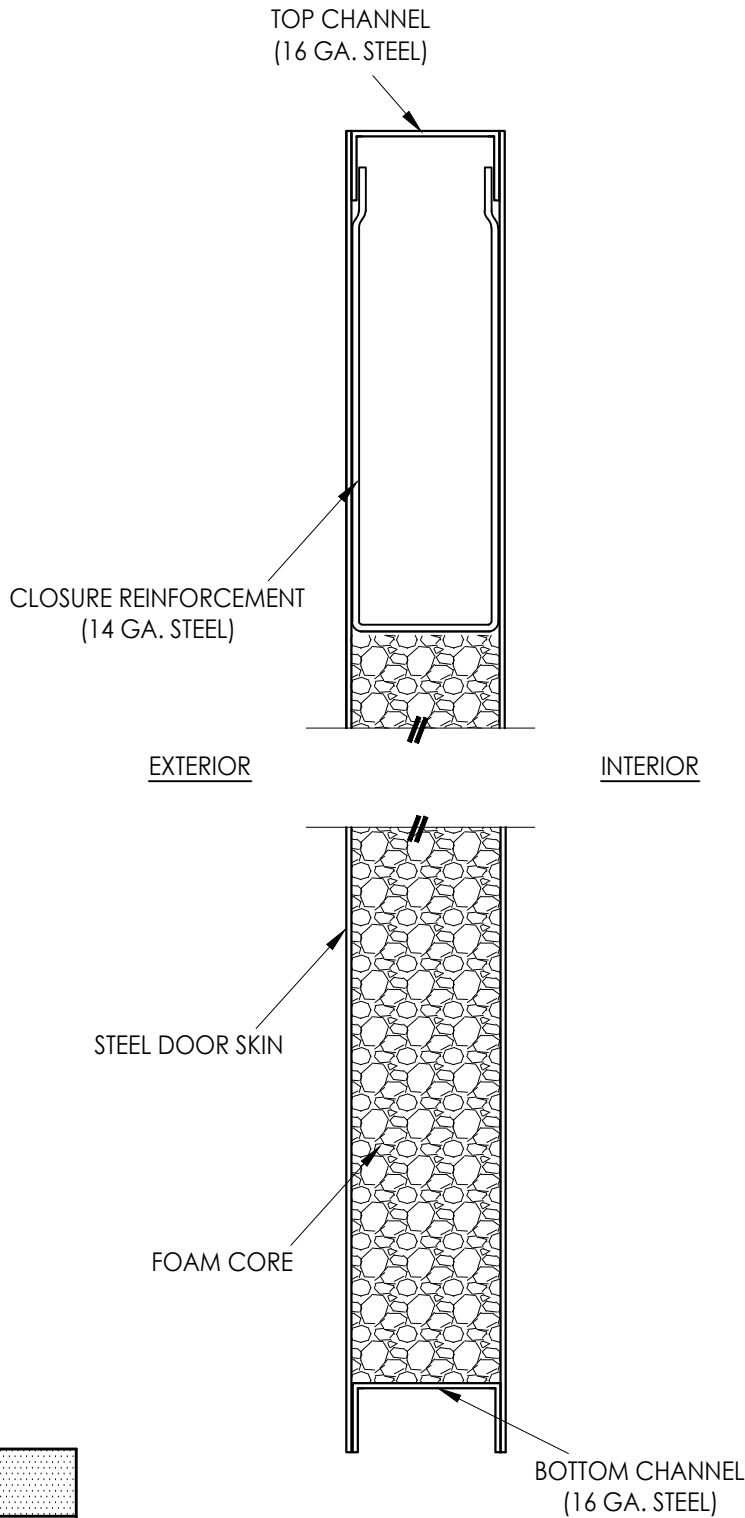
1
2 **HORIZONTAL CROSS SECTION**



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



2
2 **VERTICAL CROSS SECTION**

DATE: 12/11/15									
SCALE: N.T.S.									
DWG. BY: JK									
CHK. BY: LFS									
DRAWING NO.: FL-17460.1									
SHEET 2 OF 6									
REVISIONS									
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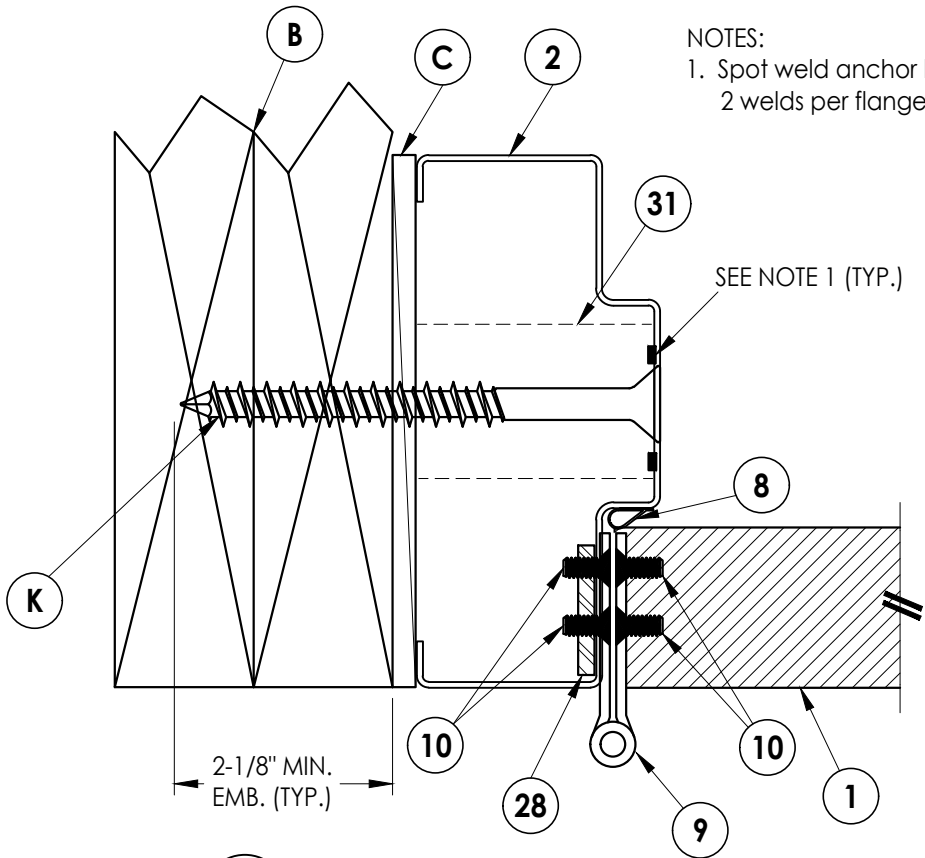
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

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

[illegible]

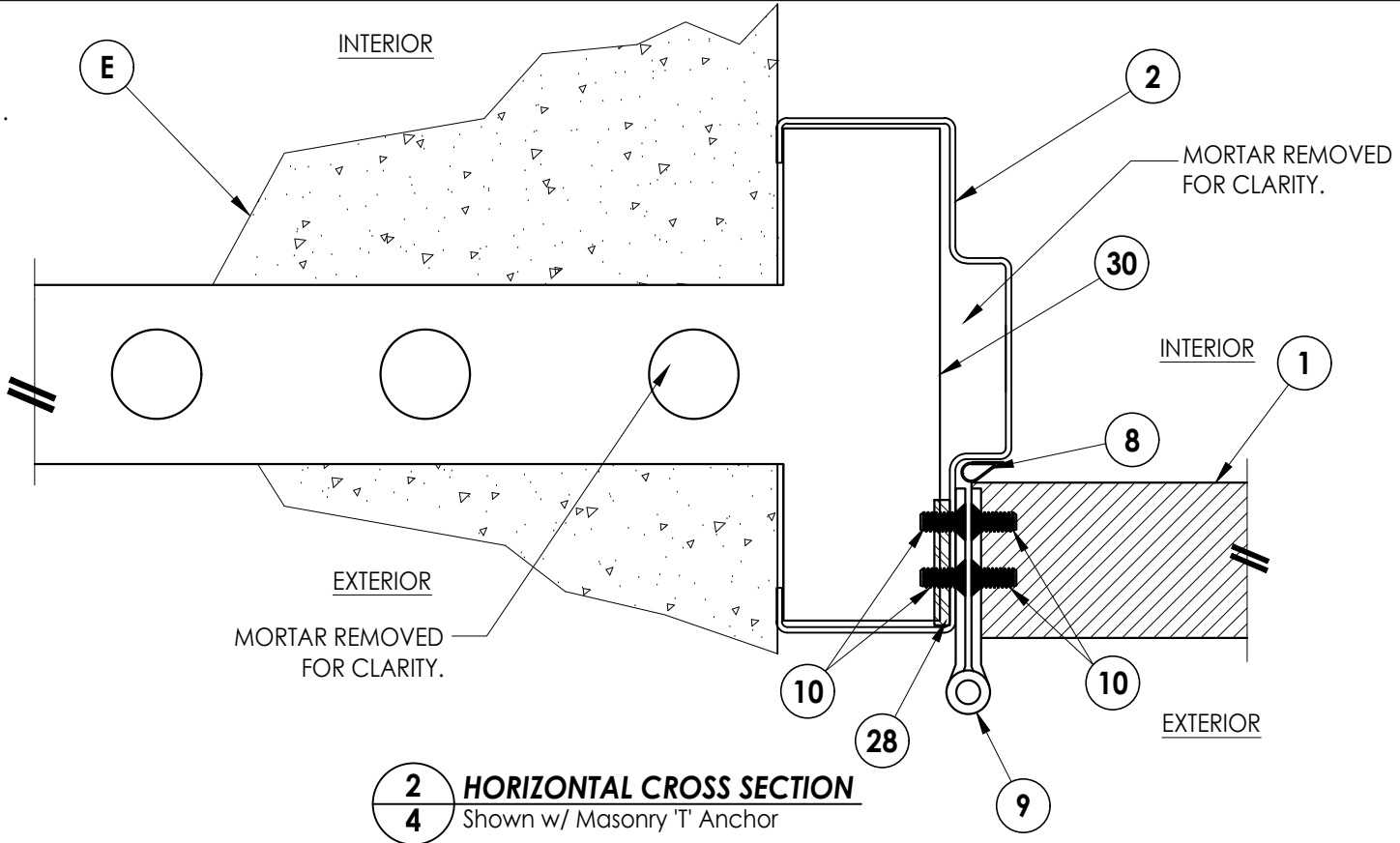
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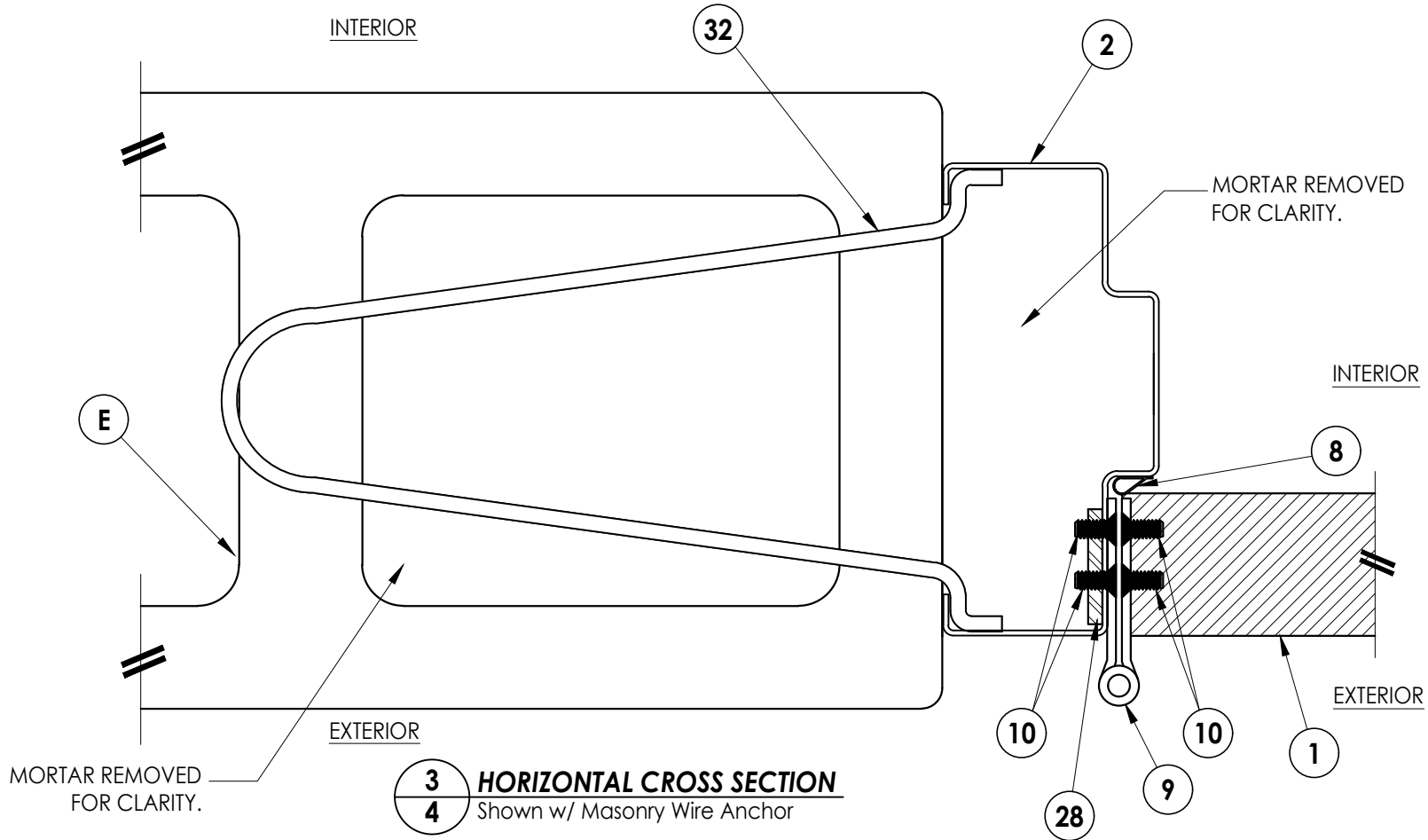
1
4 **HORIZONTAL CROSS SECTION**
Shown w/ Concrete Jamb Anchor

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

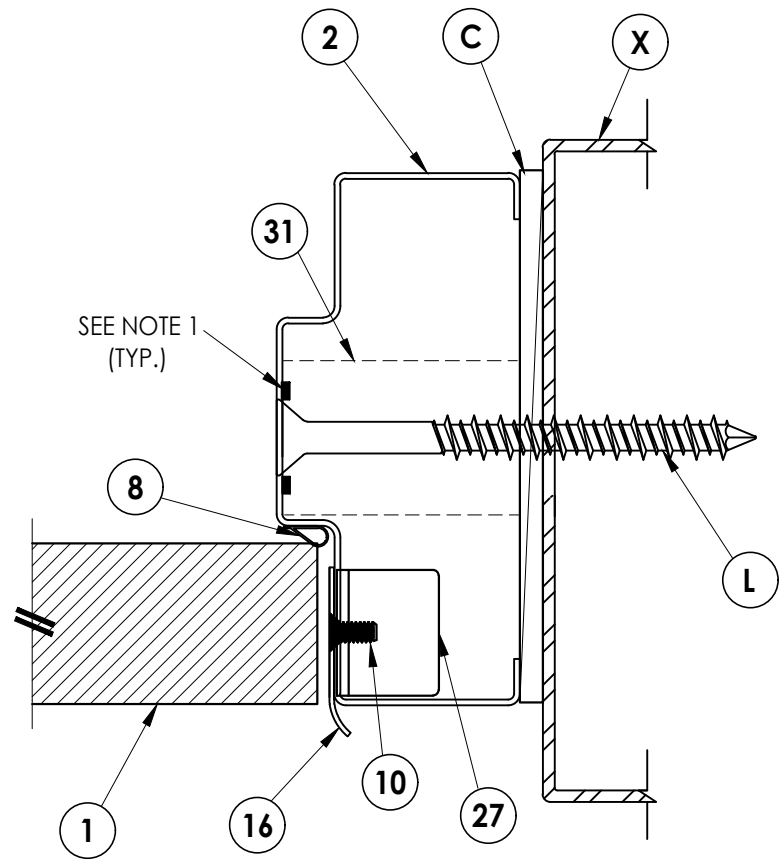
SEE NOTE 1 (TYP.)



2
4 **HORIZONTAL CROSS SECTION**
Shown w/ Masonry 'T' Anchor



3
4 **HORIZONTAL CROSS SECTION**
Shown w/ Masonry Wire Anchor



4
4 **HORIZONTAL CROSS SECTION**
Shown w/ Steel Stud Anchor

Documents Prepared By:
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P.E. No. 43409

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
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PRODUCT:
PREMIER PRODUCTS, INC.

PART OR ASSEMBLY:
HORIZONTAL
CROSS SECTIONS

NO.	DATE	REVISIONS
3	8/21/23	UPDATE TO 8TH ED. (2023) FBC LFS
2	9/08/20	UPDATE TO 7TH ED. (2020) FBC LFS
1	9/20/17	UPDATE TO 6TH ED. (2017) FBC LFS

DATE: 12/11/15

SCALE: N.T.S.

DWG. BY: JK

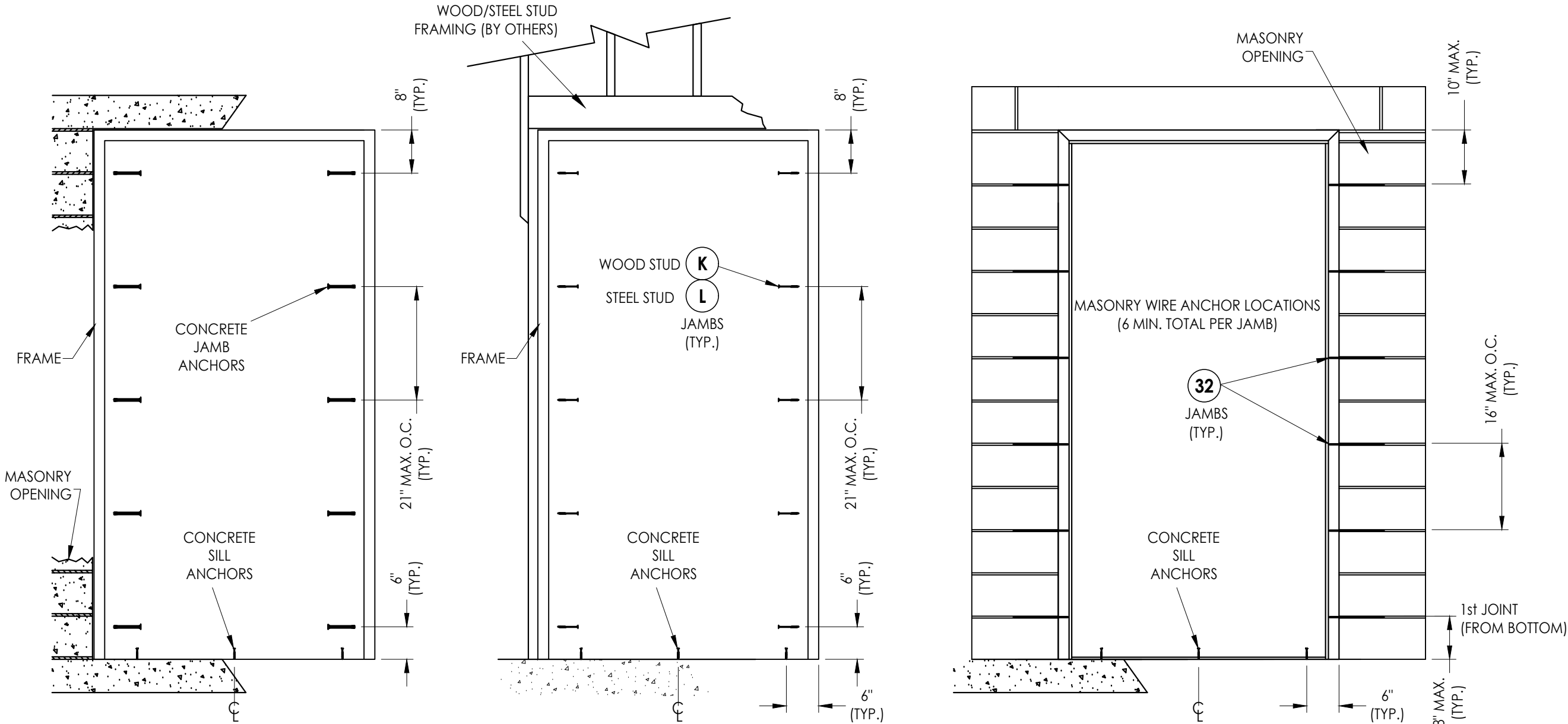
CHK. BY: LFS

DRAWING NO.:

FL-17460.1

SHEET 4 OF 6

Z:\2023 FBC Drawings\Premier Products, Inc\FL-17460 RA\FL-17460.1-4.dwg



FRAME ANCHORING

Masonry Construction
Concrete Anchors

FRAME ANCHORING

Wood/Steel Stud

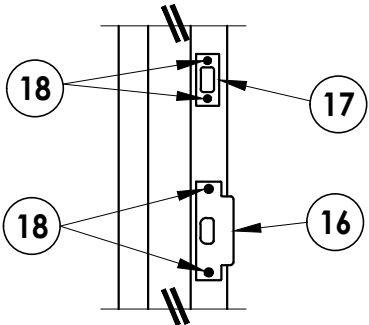
FRAME ANCHORING

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

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P.E. No. 43409

PRODUCT:
PREMIER PRODUCTS, INC.

PART OR ASSEMBLY:

FRAME ANCHORING

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

DATE: 12/11/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

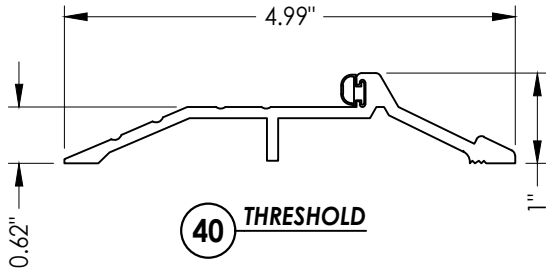
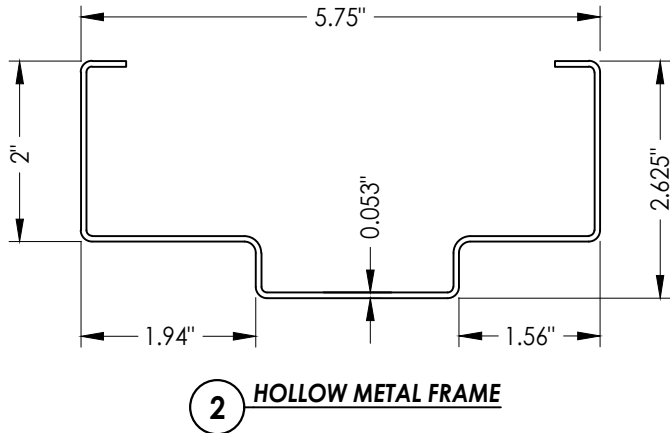
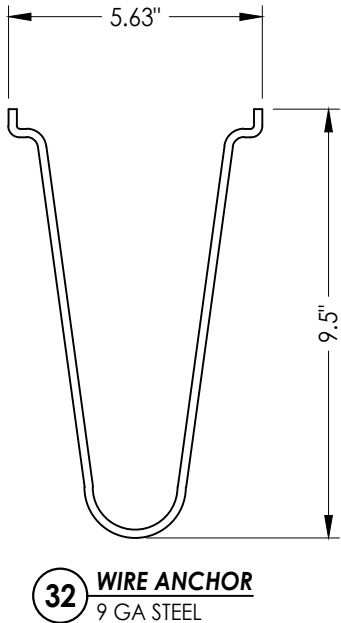
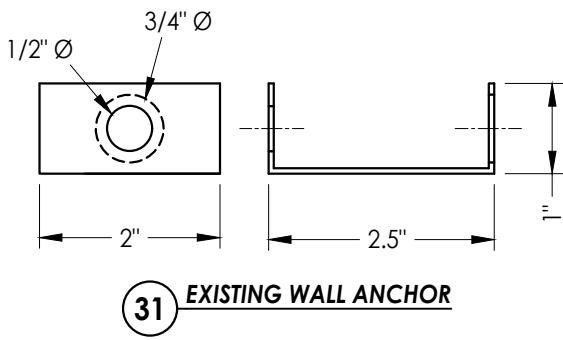
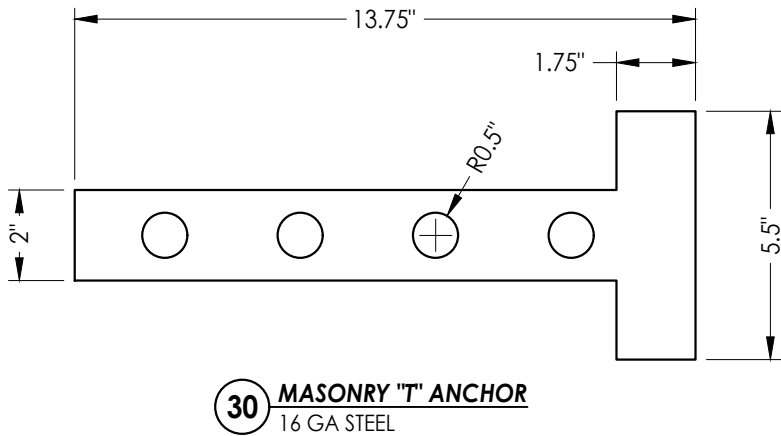
DRAWING NO.:

FL-17460.1

SHEET 5 OF 6

Z:\2023 FBC Drawings\Premier Products, Inc\FL-17460 R4\FL-17460.1-4.dwg

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



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

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

PRODUCT:	PREMIER PRODUCTS, INC.
PART OR ASSEMBLY:	BILL OF MATERIALS & COMPONENTS

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
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