

Premier Products, Inc.

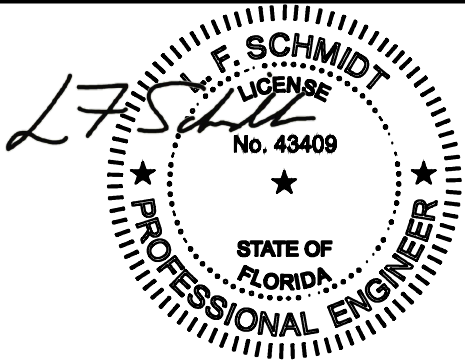
2840 Sterlington Road
Monroe, LA 71203

"SWR-S20-4" SEVERE WINDSTORM RATED "MB" STEEL DOOR OUTSWING "IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 9th Edition (2026) 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 complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E 1996.
4. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

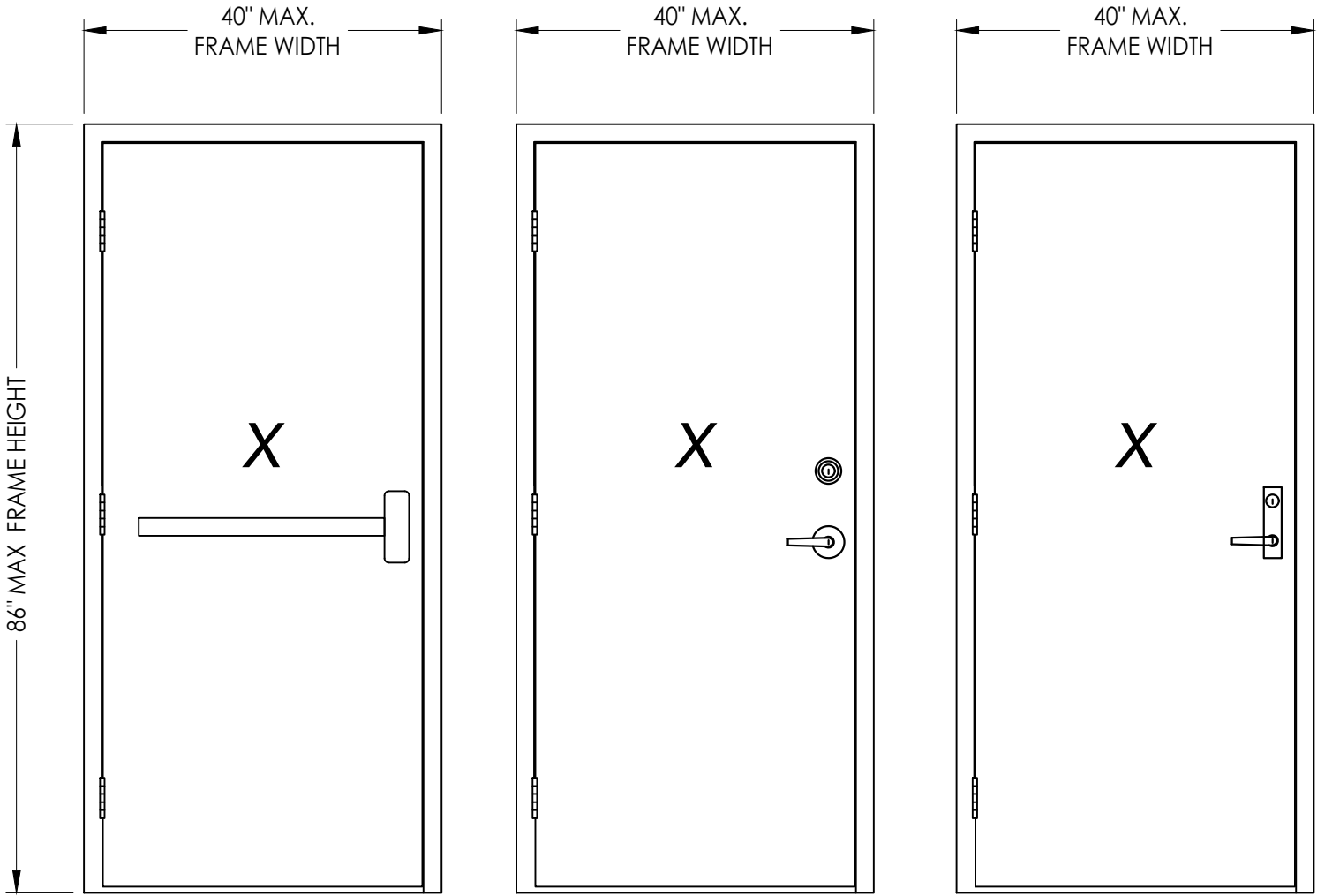
TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures, & general notes
2	Door panel details
3	Horizontal & vertical cross sections
4	Horizontal cross sections
5	Frame anchoring
6	Bill of materials and components



Digitally signed by Lyndon F Schmidt
Date: 2026.07.21 16:27:12 -04'00'

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



RIM PANIC BAR EXIT DEVICE
w/ DEADBOLT

CYLINDRICAL LOCK

MORTISE LOCK/DEADBOLT

MAX. OVERALL DIMENSION	DESIGN PRESSURE (PSF)	
	POSITIVE	NEGATIVE
40.0" X 86.0"	+50.0	-50.0

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

PRODUCT:
PREMIER PRODUCTS, INC.

PART OR ASSEMBLY:
TYPICAL ELEVATIONS, DESIGN
PRESSURES & GENERAL NOTES

REVISIONS

DATE: 12/11/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

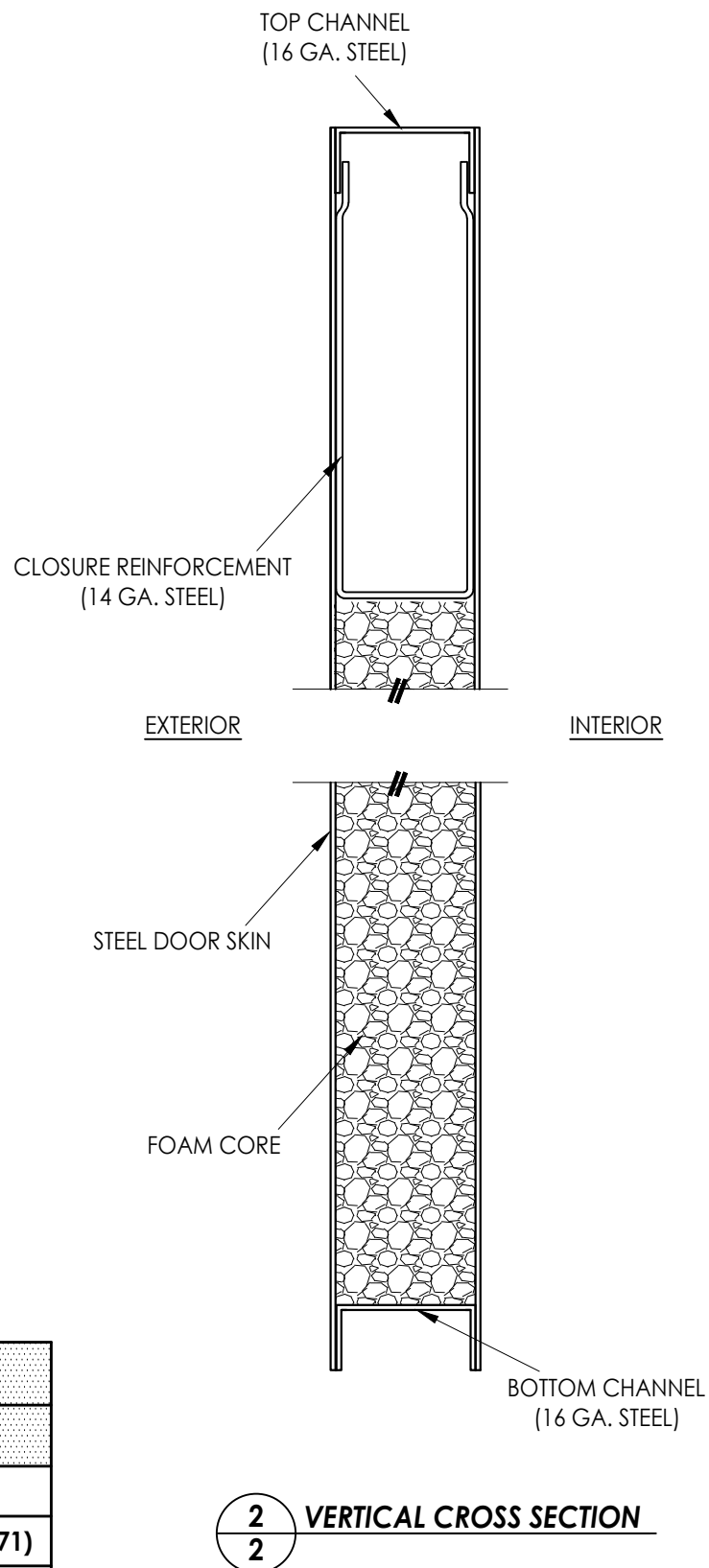
DRAWING NO.: FL-17460.4

SHEET 1 OF 6

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

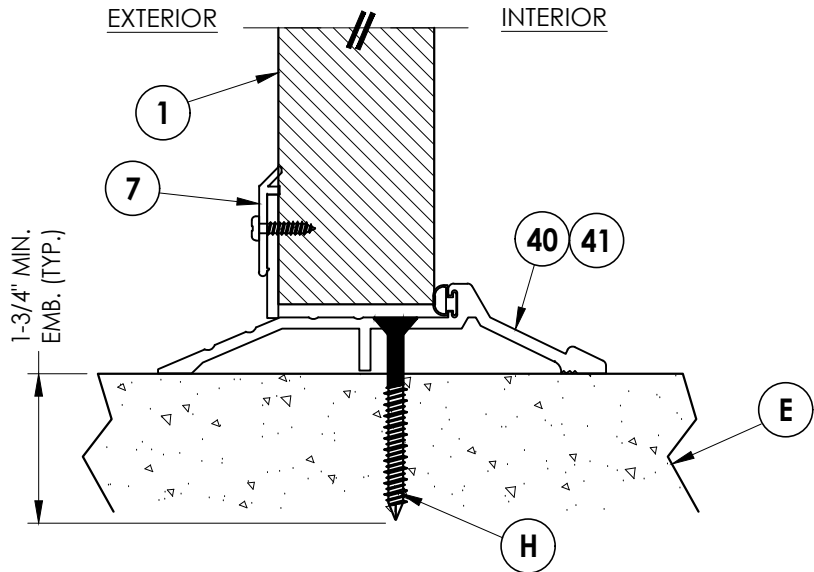
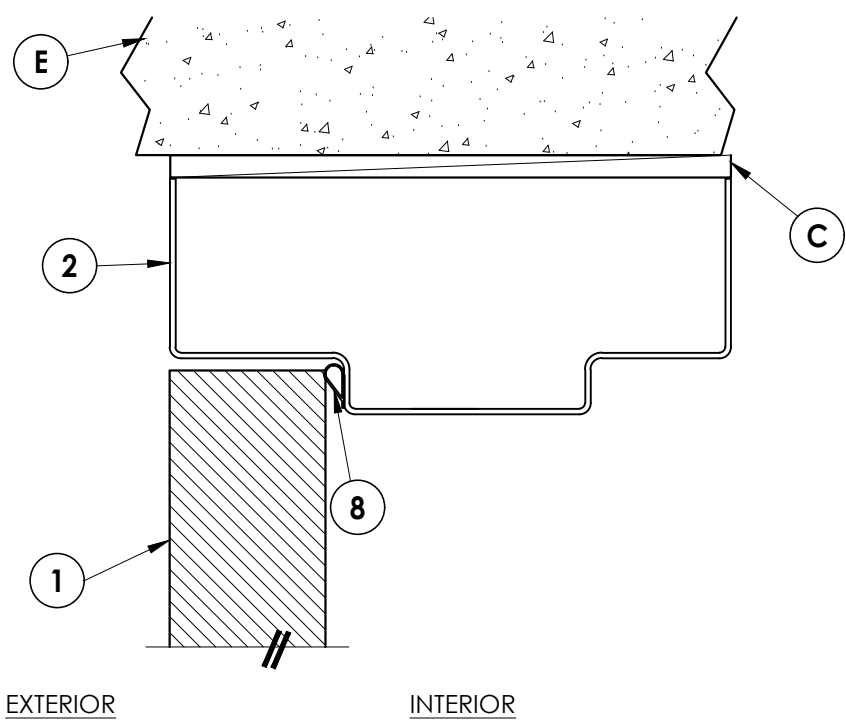
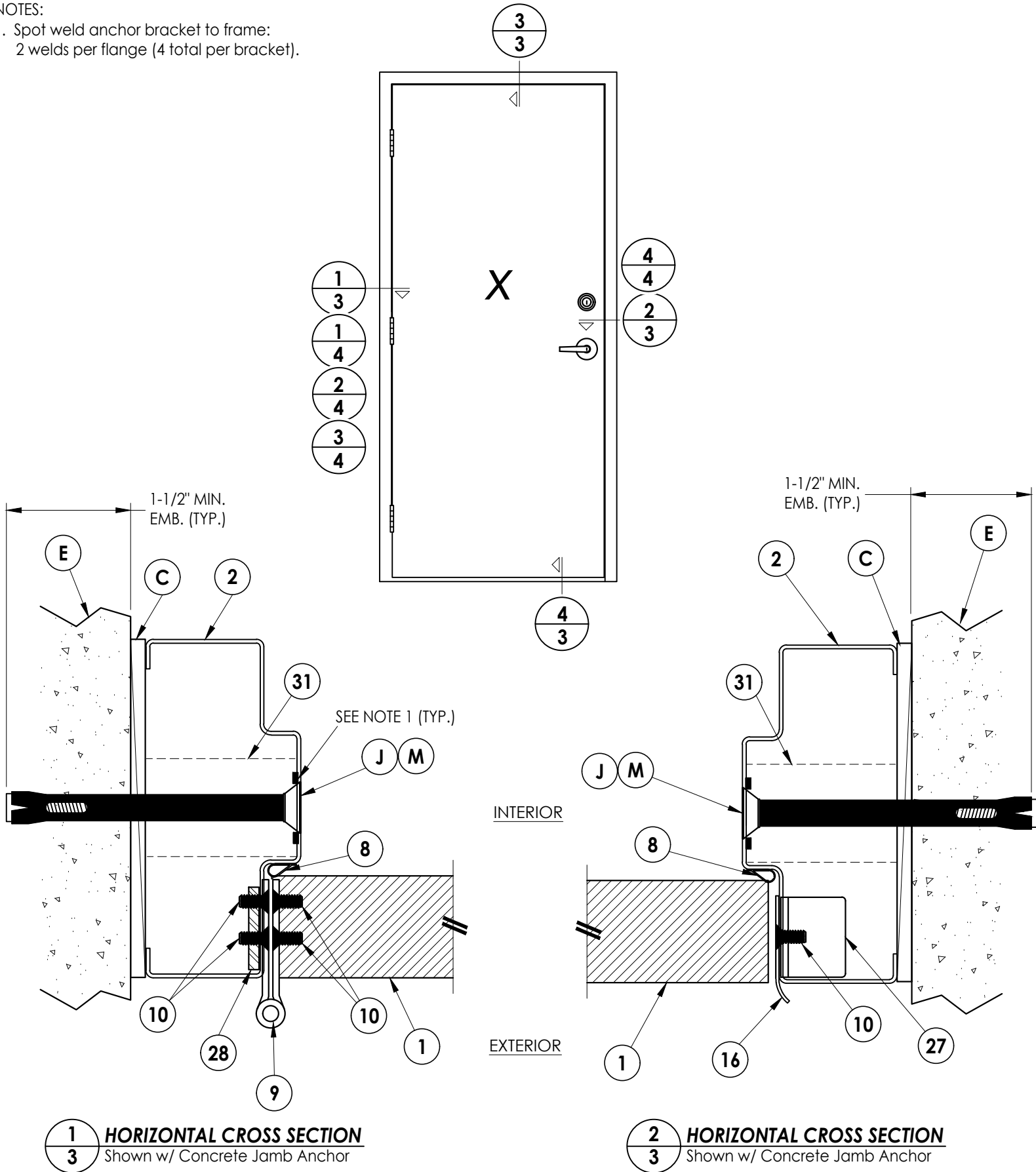


HARDWARE CHART	
MANUFACTURER	MODEL
SCHLAGE	CYLINDRICAL LOCK: D-SERIES
FALCON	MORTISE LOCK/DEADBOLT : MA SERIES (571)
FALCON	RIM EXIT DEVICE: 25 R-SERIES

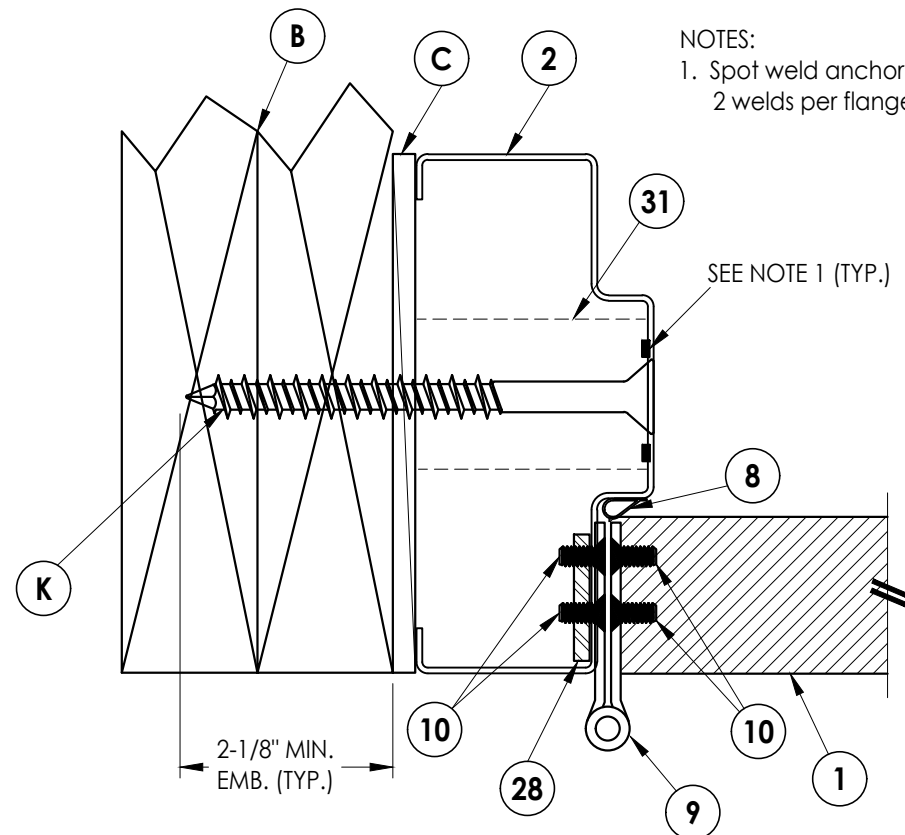
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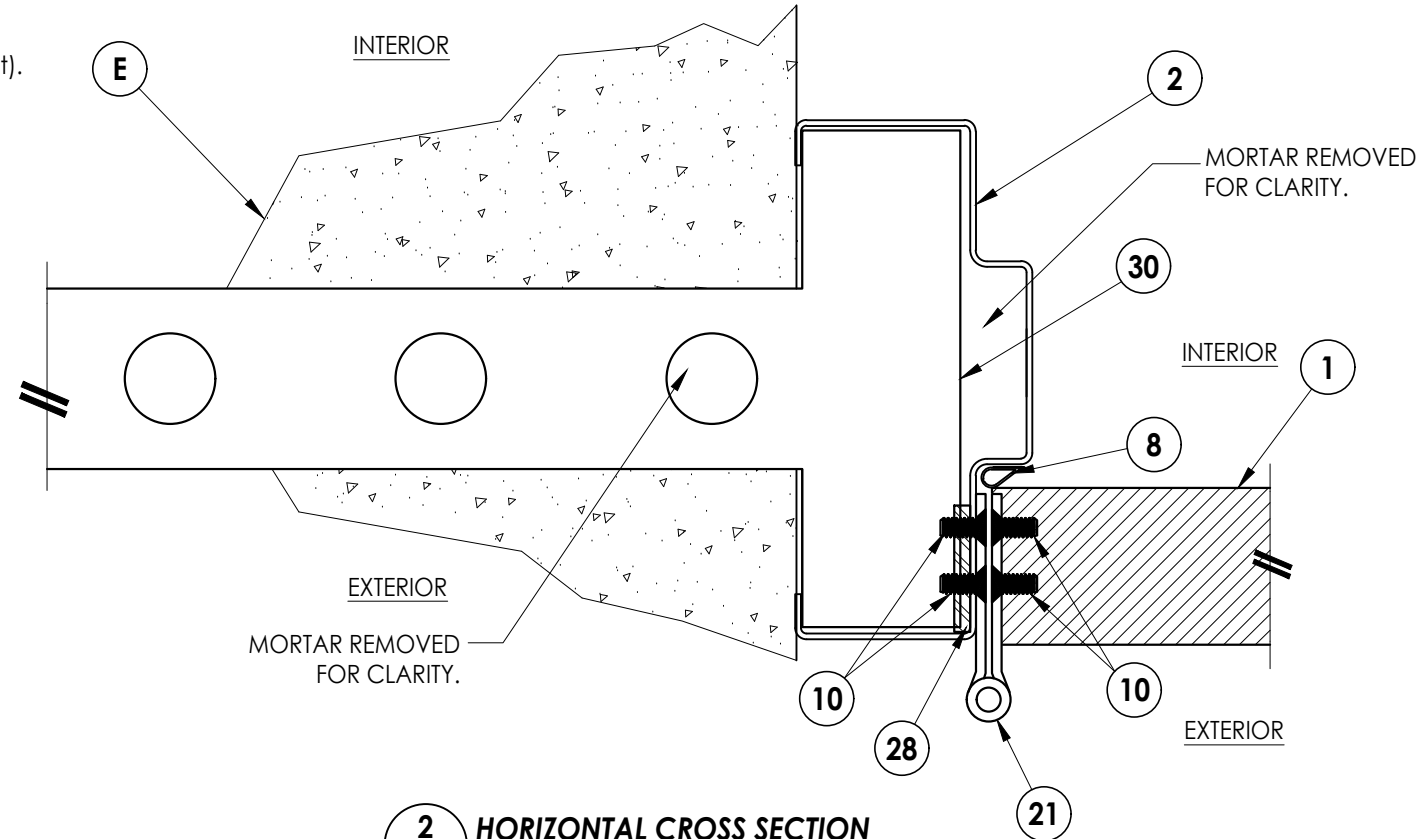
- NOTES:
1. Spot weld anchor bracket to frame:
2 welds per flange (4 total per bracket).



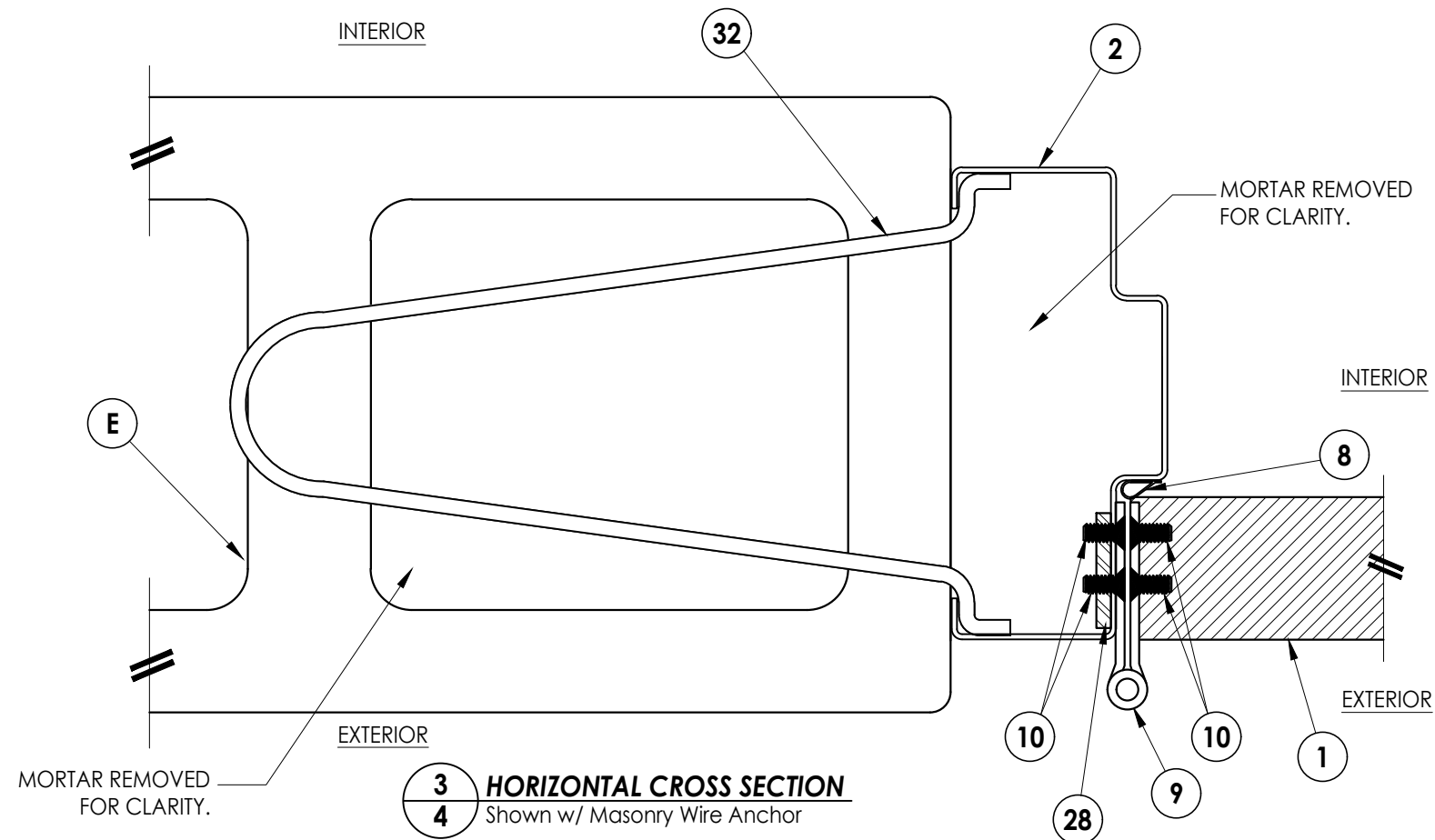
Documents Prepared By:		Premier Products, Inc.		BUILDING CONSULTANTS, INC.	
Lyndon F. Schmidt		P.E. No. 43409		P.O. Box 230, Valrico, FL 33595	
				Phone No.: 813.659.9197	
				FBPE Registry No. 9813	
PART OR ASSEMBLY:		HORIZONTAL & VERTICAL CROSS SECTIONS			
REVISIONS					
NO.	DATE	DESCRIPTION	BY		
4	7/03/26	UPDATE TO 9TH ED. (2026) FBC	LFS		
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-17460.4					
SHEET 3 OF 6					



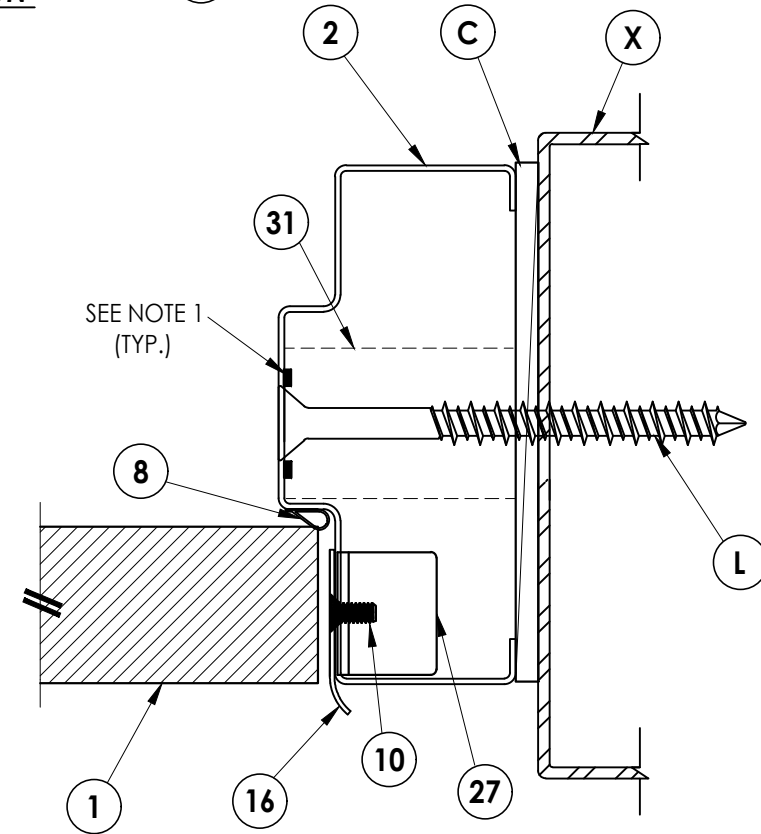
1 **HORIZONTAL CROSS SECTION**
4 Shown w/ Concrete Jamb Anchor



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



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



4 HORIZONTAL CROSS SECTION
4 Shown w/ Steel Stud Anchor

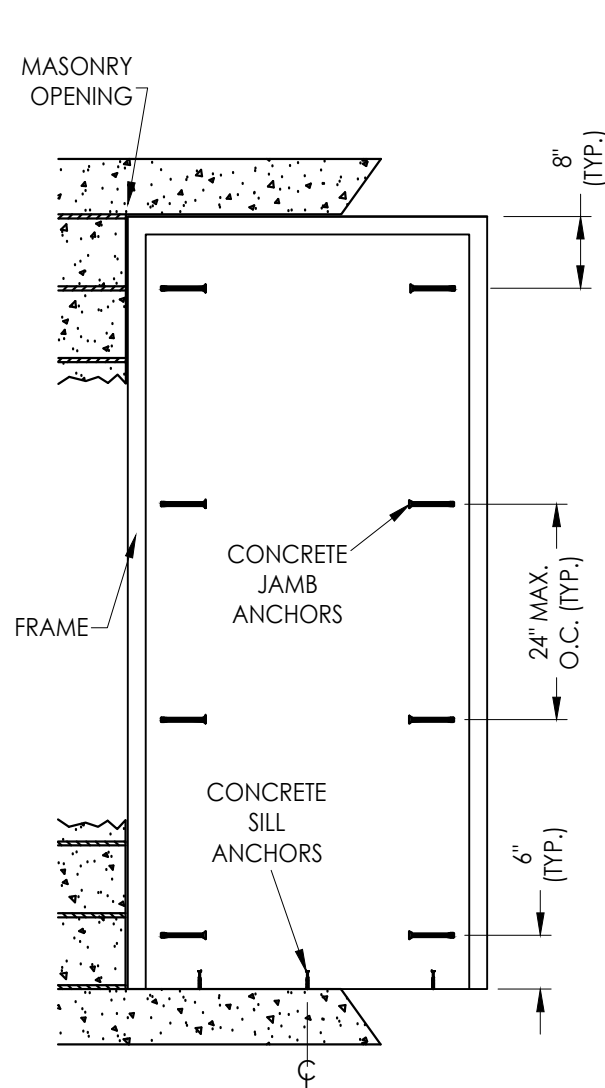
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PRODUCT: PREMIER PRODUCTS, INC.

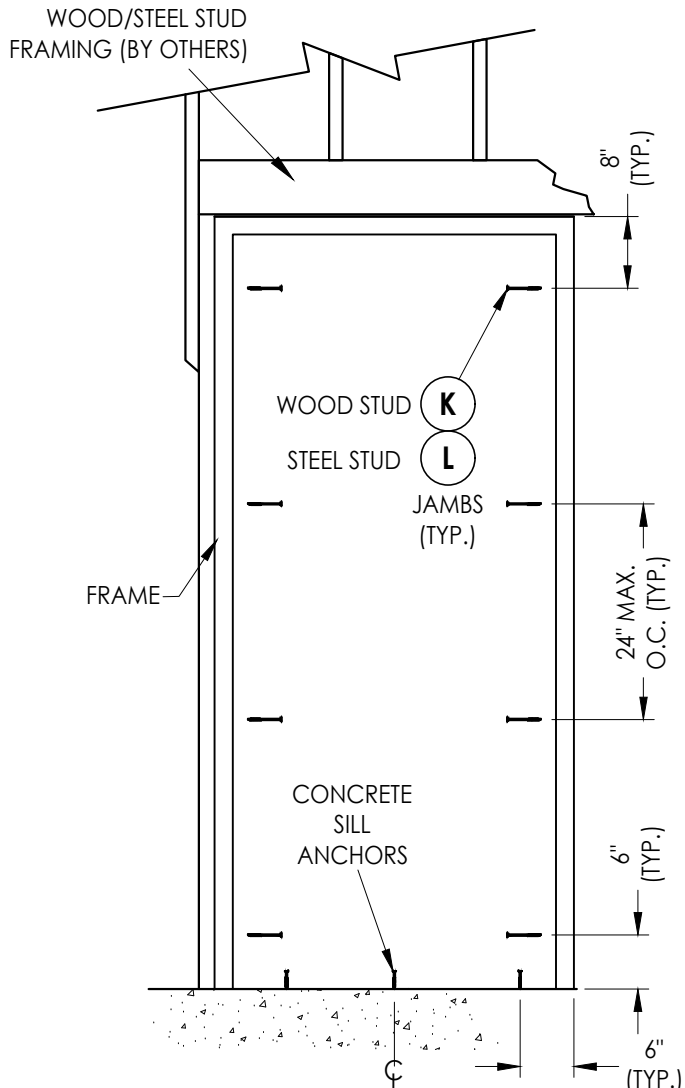
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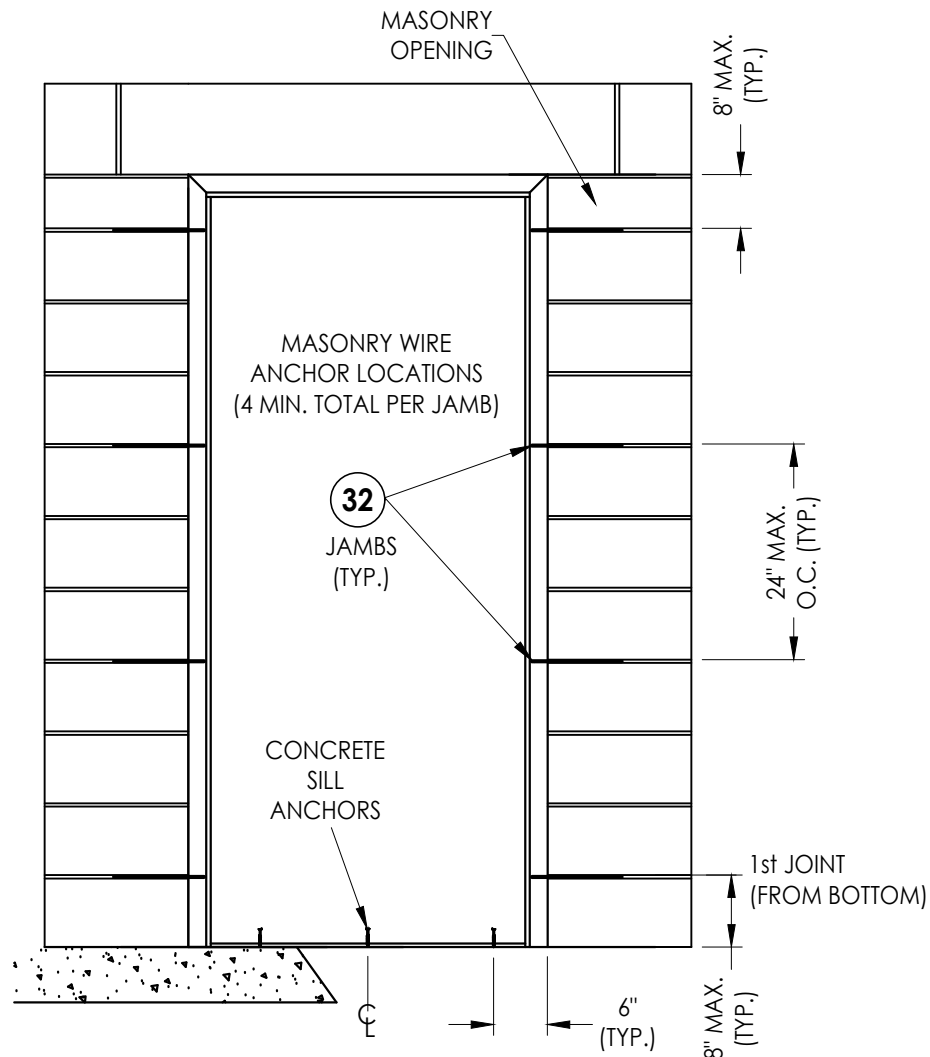
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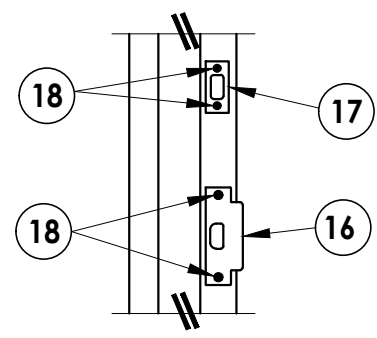
FRAME ANCHORING
Masonry Construction
Concrete Anchors



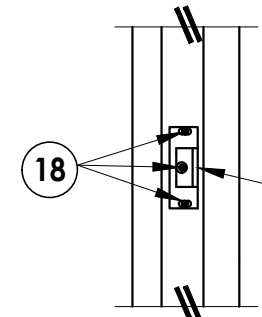
FRAME ANCHORING
Wood/Steel Stud



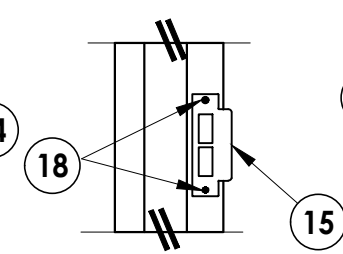
FRAME ANCHORING
Masonry Construction
Masonry Wire Anchors



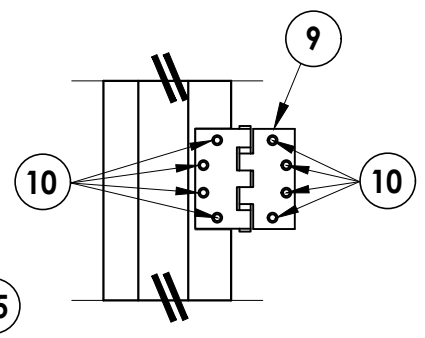
STRIKE DETAIL
Latch & Deadbolt



STRIKE DETAIL
Rim Exit Device



STRIKE DETAIL
Mortise Lock



HINGE DETAIL

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"

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PREMIER PRODUCTS, INC.

PART OR ASSEMBLY:
FRAME ANCHORING

REVISIONS

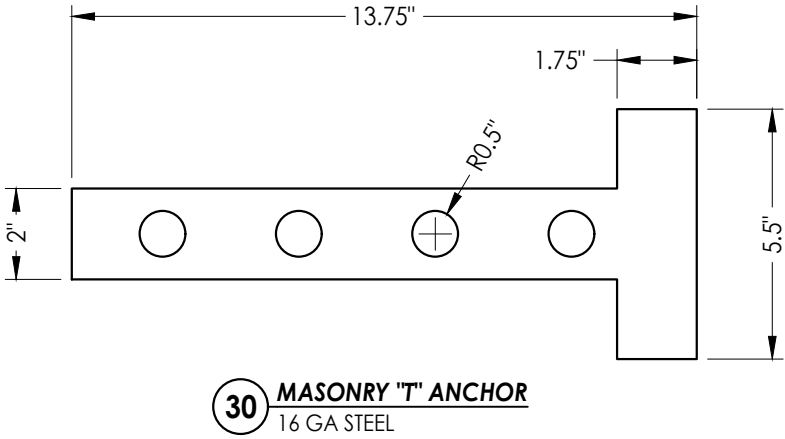
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DATE: 12/11/15
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-17460.4
SHEET 5 OF 6

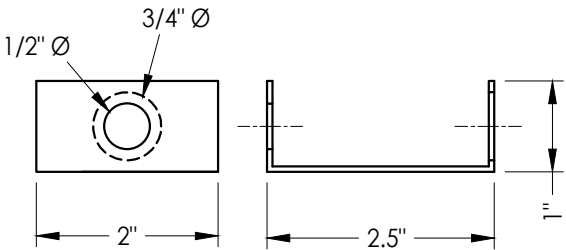
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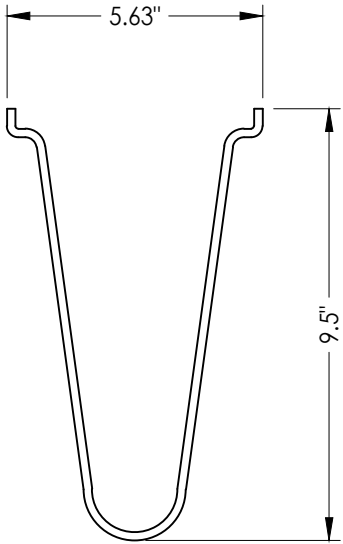
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK (GROUT FILLED) CONFORMING TO ASTM C90	CONCRETE
H	1/4" X 2-1/4" PFH CONCRETE SCREW (SEE CONCRETE ANCHOR 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
1	STEEL DOOR PANEL	-
2	HOLLOW METAL FRAME (16 GA)	STEEL
7	DOOR SWEEP (PEMKO 315 BN)	ALUM/VINYL
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
14	RIM PANIC DEVICE STRIKE PLATE	STEEL
15	MORTISE STRIKE PLATE	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
41	THRESHOLD (PEMKO 2005 V)	ALUMINUM



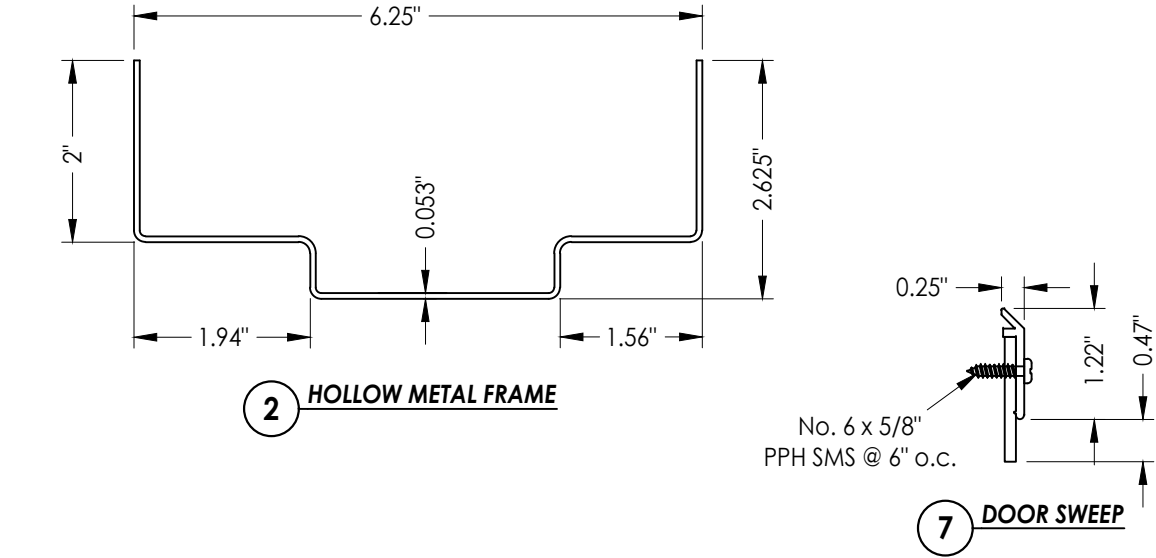
30 MASONRY "T" ANCHOR
16 GA STEEL



31 EXISTING WALL ANCHOR

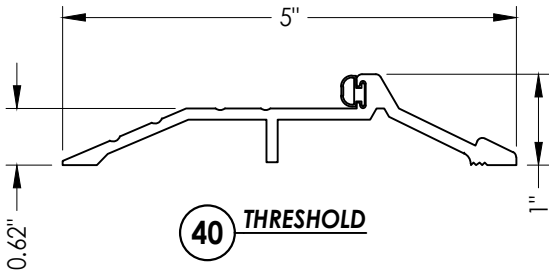


32 WIRE ANCHOR
9 GA STEEL

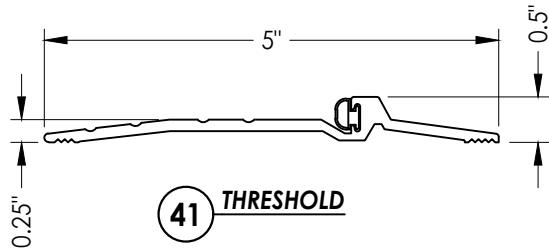


2 HOLLOW METAL FRAME

7 DOOR SWEEP



40 THRESHOLD



41 THRESHOLD

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PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

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DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-17460.4

SHEET 6 OF 6