

Z:\2023 FBC Drawings\PDL Building Products\FL-7796 R6\FL-7796.1-2.dwg

PDL

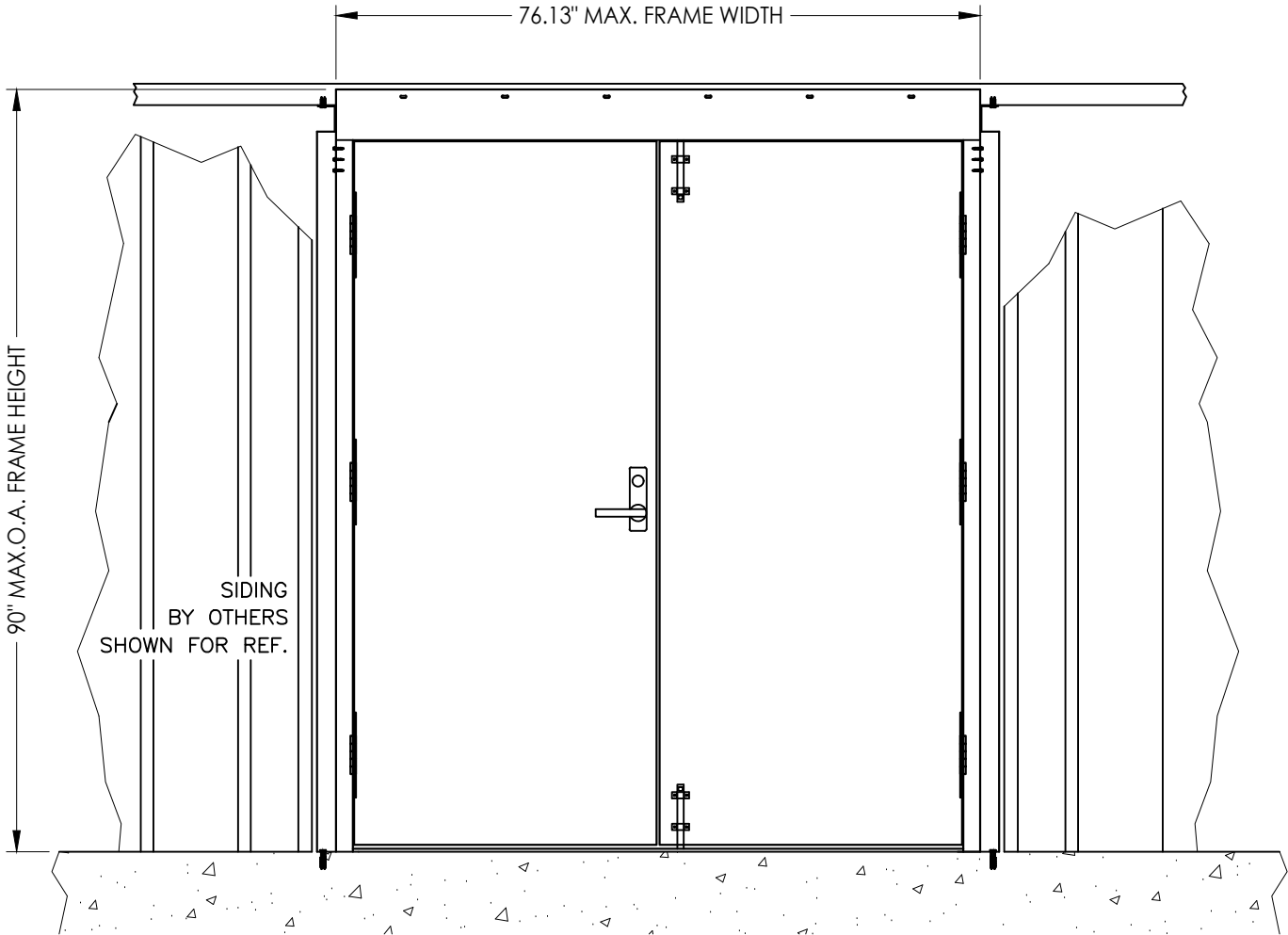
Building Products
31393 Industrial Parkway
North Olmsted, OH 44070

PRE-ASSEMBLED METAL
WALL DOUBLE DOOR
OUTSWING
"IMPACT"

GENERAL NOTES

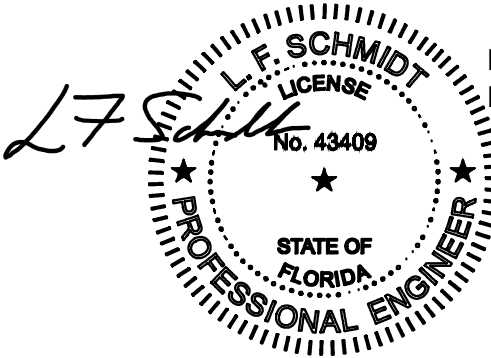
1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product 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 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
4. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
5. Main wind force resisting system (MWFRS) component spacing to be determined by others.
6. Engineer of Record shall evaluate the sub-jamb for additional windloads from components and cladding elements such as wall panels and intermediate girts.

TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Door panel details
3	Vertical & horizontal cross sections
4	Anchoring Details
5	Bill of materials & components



6070 PRE-ASSEMBLED DOOR ELEVATION
(Metal building installation)

OVERALL FRAME DIMENSION	DESIGN PRESSURE (PSF)	
	POSITIVE	NEGATIVE
76.13" x 90.0"	+50.0	-50.0



Digitally signed by Lyndon F Schmidt
Date: 2023.09.26 13:44:47 -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

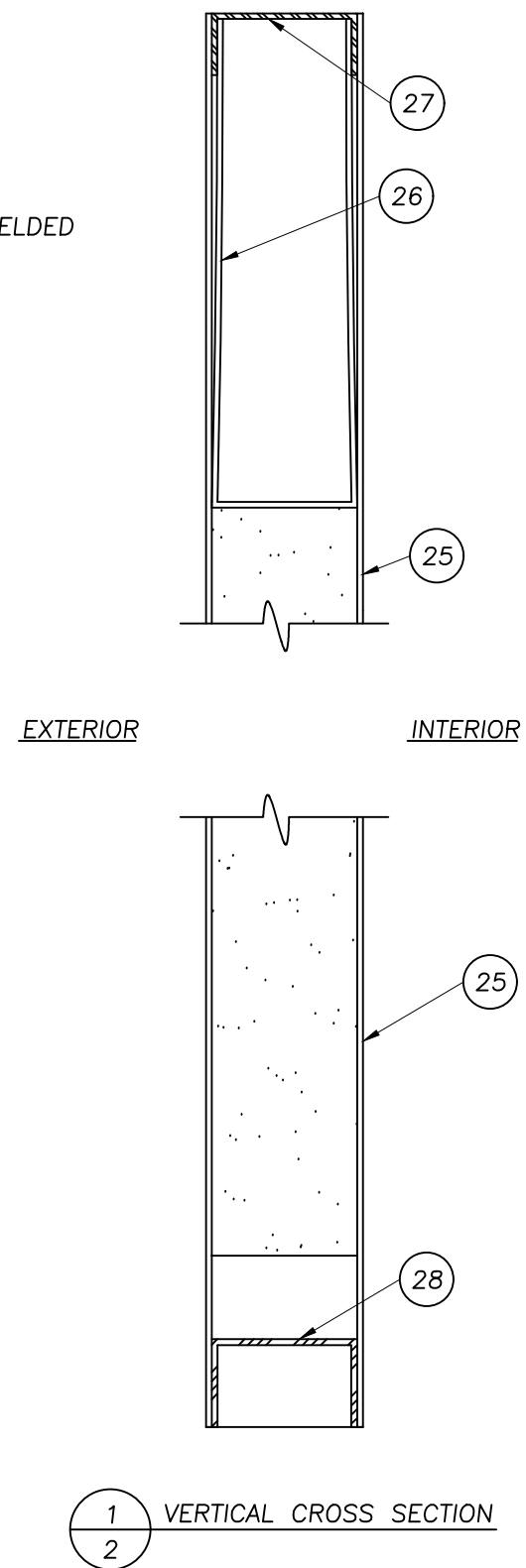
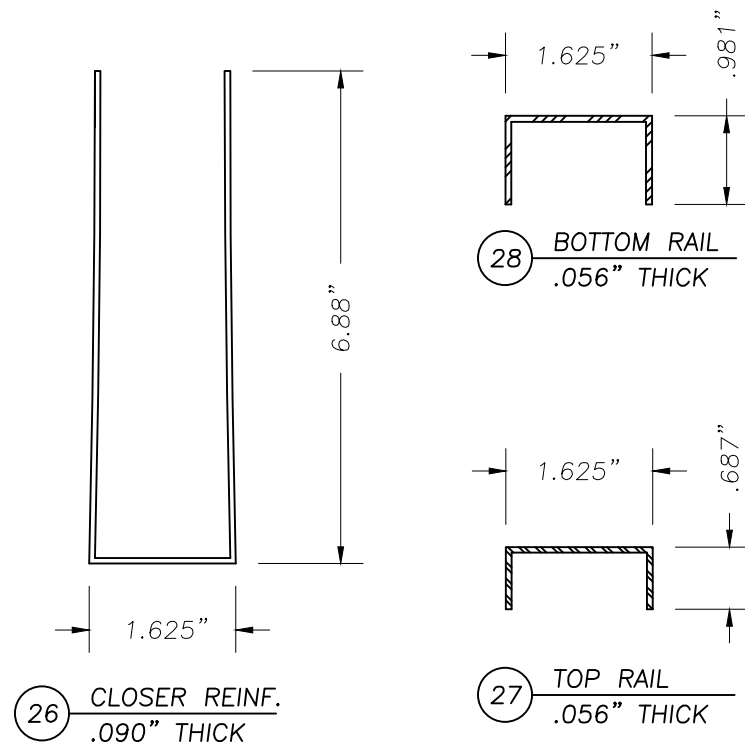
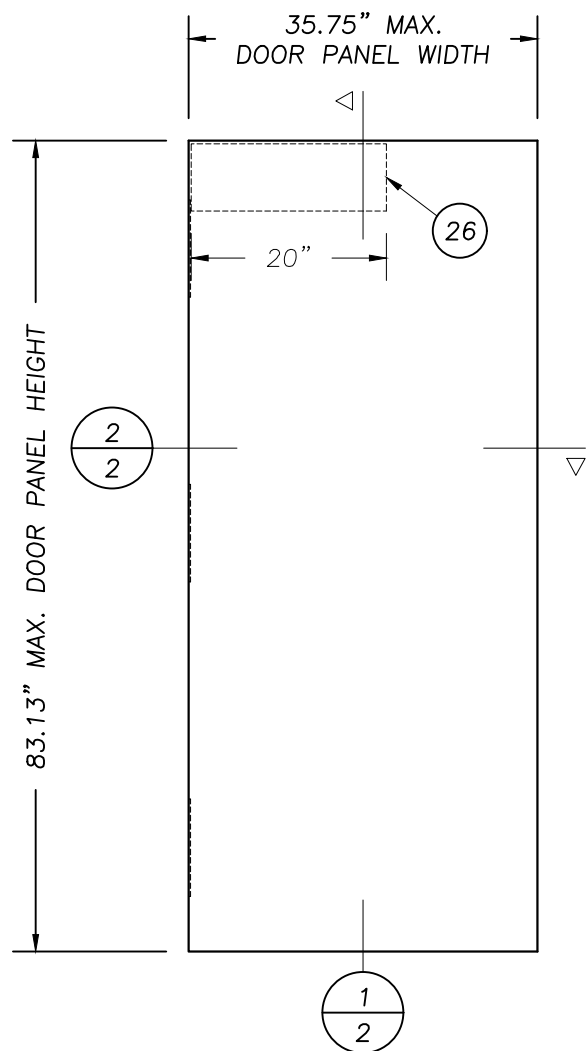
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

PRODUCT:
PDL BUILDING PRODUCTS
PRE-ASSEMBLED
METAL WALL DOOR

NO.	DATE	REVISIONS
4	9/26/23	UPDATE TO 8TH ED. (2023) FBC
3	9/02/20	UPDATE TO 7TH ED. (2020) FBC
2	9/27/17	UPDATE TO 6TH ED. (2017) FBC
1	4/23/15	UPDATE TO 5TH ED. (2014) FBC
		BY

DATE: 09/27/11
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-7796.2
SHEET 1 OF 5

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

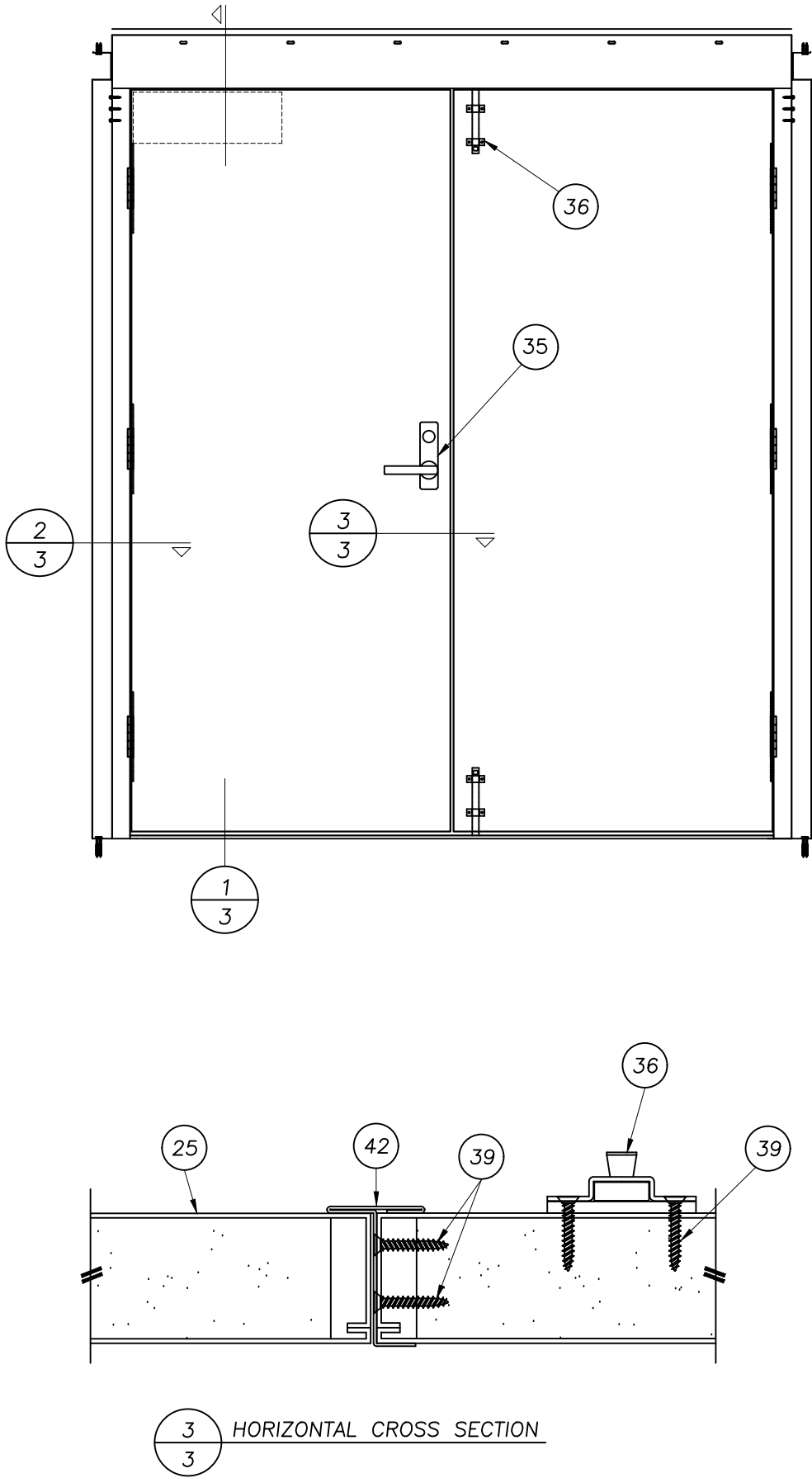
[illegible]

PRODUCT:	PDL BUILDING PRODUCTS PRE-ASSEMBLED METAL WALL DOOR
PART OR ASSEMBLY:	DOOR PANEL DETAILS

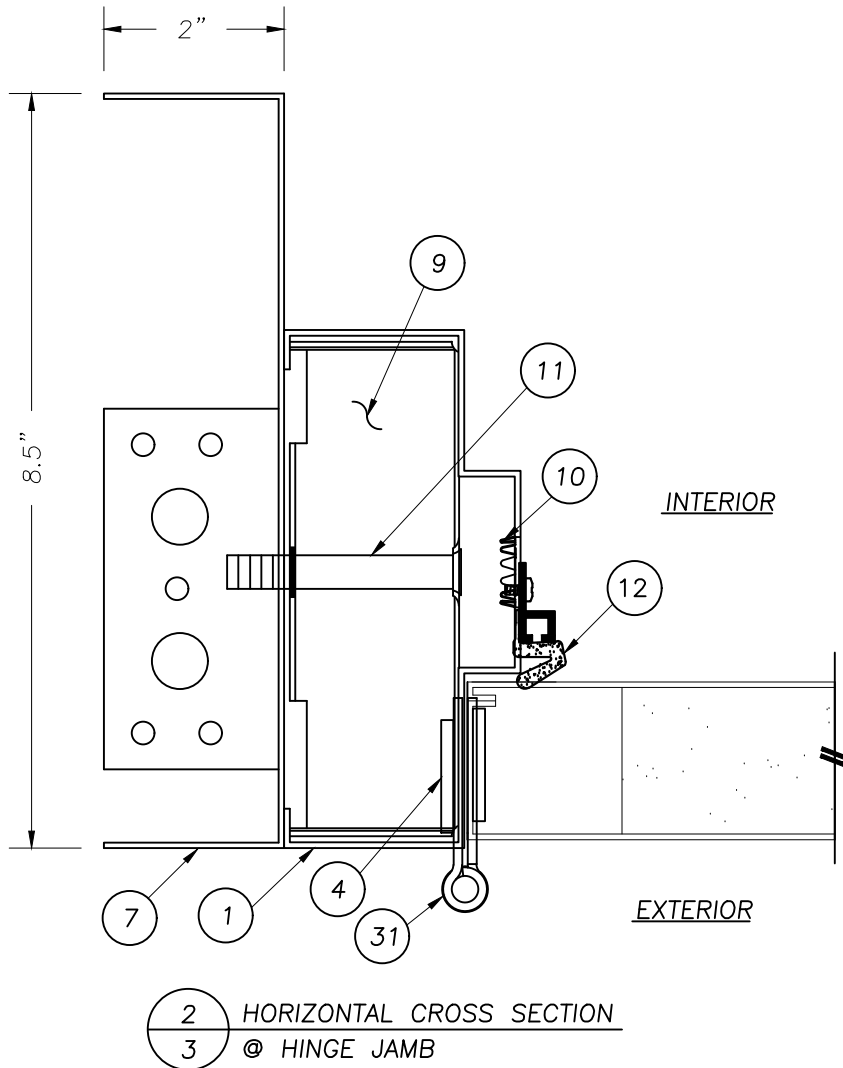
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

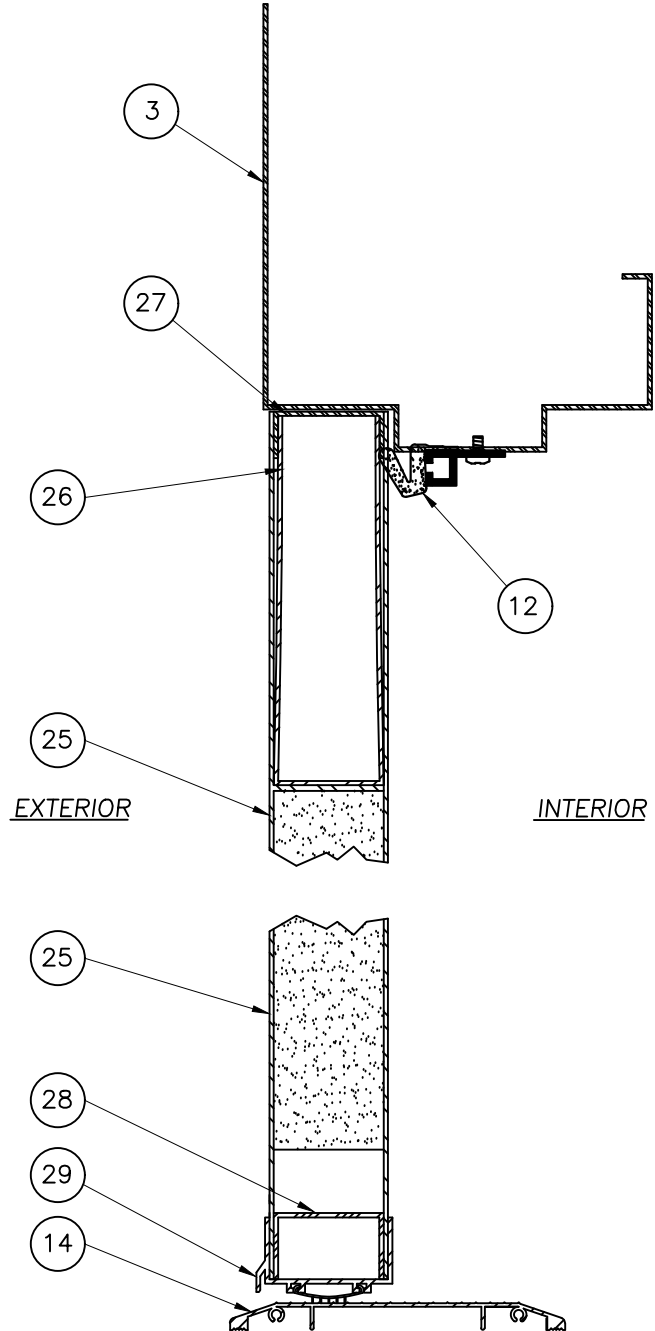
Z:\2023 FBC Drawings\PDL Building Products\FL-7796 R6\FL-7796.1-2.dwg



3
3 HORIZONTAL CROSS SECTION



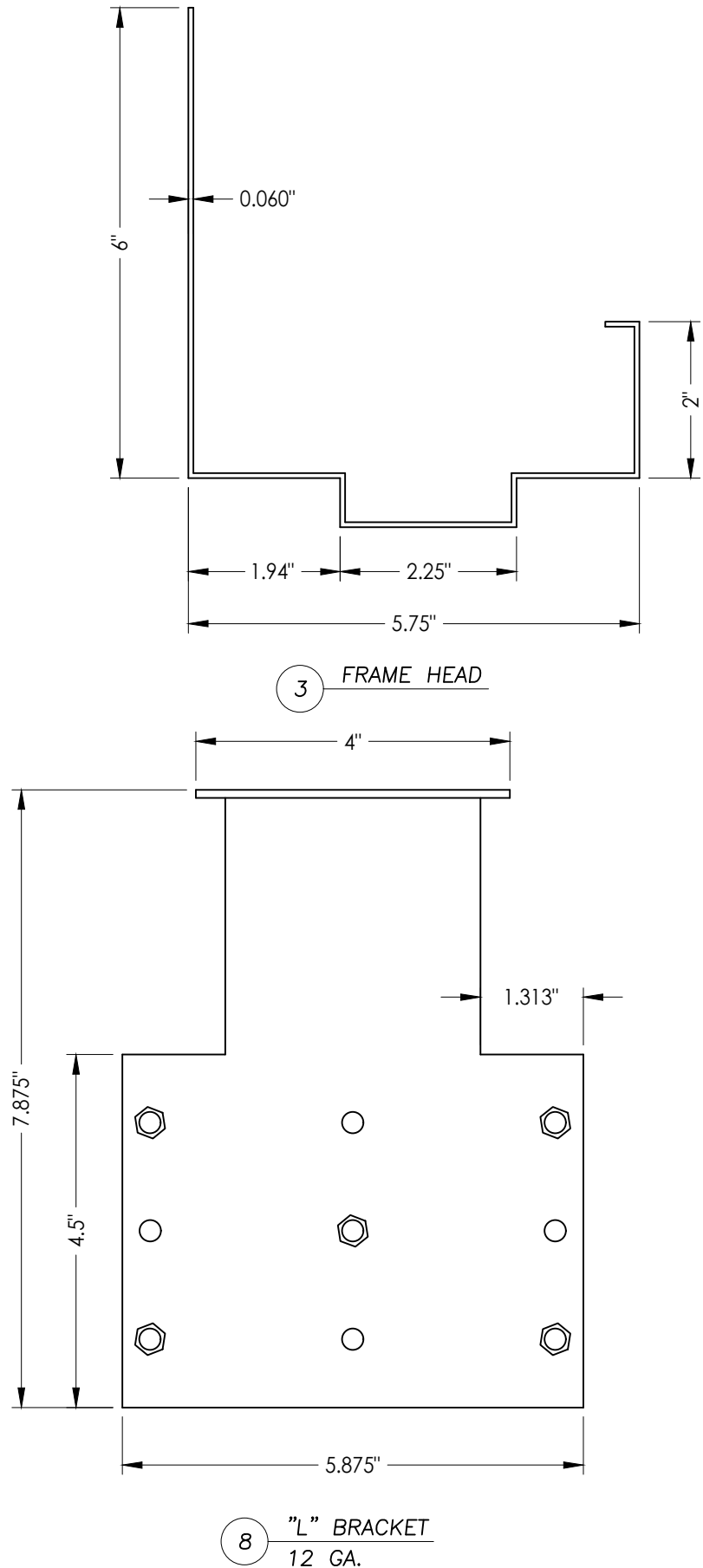
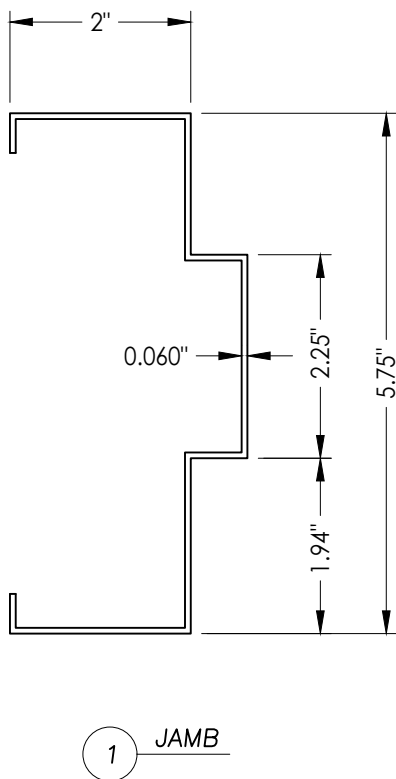
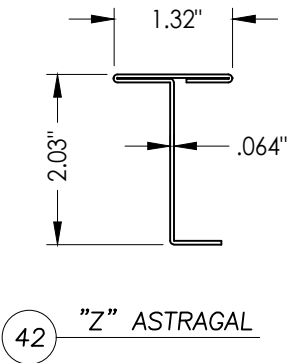
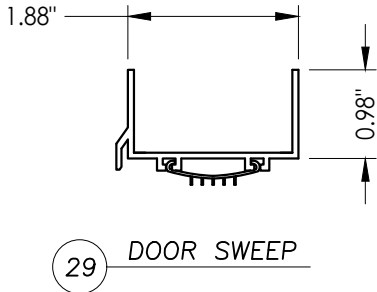
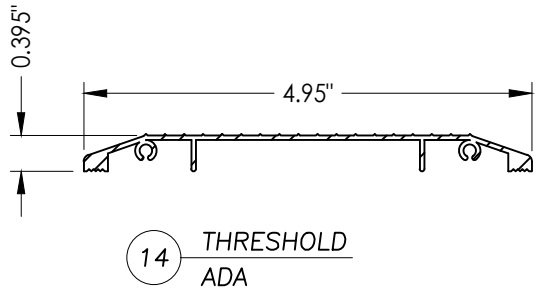
2
3 HORIZONTAL CROSS SECTION
@ HINGE JAMB



1
3 VERTICAL CROSS SECTION
HEADER, DOOR AND SILL

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:		PDL BUILDING PRODUCTS PRE-ASSEMBLED METAL WALL DOOR		PART OR ASSEMBLY: VERTICAL & HORIZONTAL CROSS SECTIONS	
4	9/20/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	9/02/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
2	9/27/17	UPDATE TO 6TH ED. (2017)	FBC	JK	
1	4/23/15	UPDATE TO 5TH ED. (2014)	FBC	JK	
NO.	DATE			BY	
					REVISIONS
DATE: 09/27/11					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-7796.2					
SHEET 3 OF 5					

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	STEEL SUBSTRATE - 0.100" MIN. THICK. (ASTM A653, Fy=33KSI, Fu=45KSI)	STEEL
E	3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301	CONCRETE
1	AMWELD 400 SERIES JAMB (16 GA. MIN.)	STEEL
3	AMWELD 400 SERIES HEADER (16 GA. MIN.)	STEEL
4	HINGE REINFORCING (10 GA. MIN.)	STEEL
6	ANSI UNIV. STRIKE REINF. (14 GA. MIN.)	STEEL
7	PDL 16 GA. GALV. SUB JAMBS	STEEL
8	PDL 16 GA. GALV. L-BRACKETS (ASTM A653, Fy=33KSI, Fu=45KSI)	STEEL
9	COMPLETED OPENING ANCHORS (16 GA. MIN.)	STEEL
10	PLASTIC SNAP-IN HOLE PLUGS	PLASTIC
11	5/16"-18 x 2-1/2" BOLT w/ WASHER AND FIN HEX NUT	STEEL
12	WEATHERSTRIP	NEOPRENE
14	COLUMBIA ALUMINUM 6510 THRESHOLD	ALUM
15	#10 x 1" SELF-DRILLING SMS	STEEL
20	#10 x 1-1/4" TEK SCREW	STEEL
21	#10 x 1" HILTI KWIK-FLEX SELF-DRILLING SCREW	STEEL
25	20 GA. STEEL DOOR PANELS	STEEL
26	CLOSER REINFORCEMENT	STEEL
27	END CLOSURE - TOP	STEEL
28	END CLOSURE - BOTTOM	STEEL
29	COLUMBIA ALUMINUM 2580 SWEEP	ALUM
31	GULFPORT GBB79 4.5 x 4.5 BALL BEARING NRP HINGE	STEEL
33	1/4" x 2-1/4" DeWALT HWH CONCRETE SCREW	STEEL
34	1/4" x 2-1/4" DeWALT PFH CONCRETE SCREW	STEEL
35	YALE 8700 SERIES MORTISE LOCK	STEEL
36	SURFACE BOLT - IVES 584R	STEEL
37	SURFACE BOLT STRIKE PLATE	STEEL
39	#8 x 1" PFH SELF-DRILLING SMS	STEEL
40	#12 x 3/4" PFH MACHINE SCREW	STEEL
41	#8 x 1/2" PPH SELF-DRILLING SMS	STEEL
42	"Z" ASTRAGAL	STEEL



DATE: 09/27/11

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-7796.2

SHEET 5 OF 5

PRODUCT: PDL BUILDING PRODUCTS PRE-ASSEMBLED METAL WALL DOOR

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, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813