

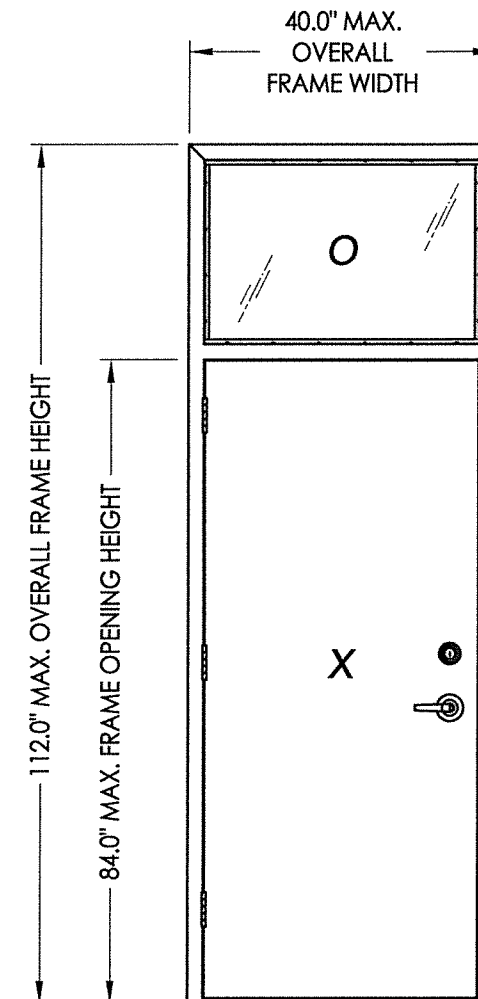
3228 6th AVENUE NORTH
P.O. BOX 635
BIRMINGHAM, AL 35201

"D" SERIES
COMMERCIAL STEEL DOOR
w/ TRANSOM
INSWING / OUTSWING
"IMPACT"

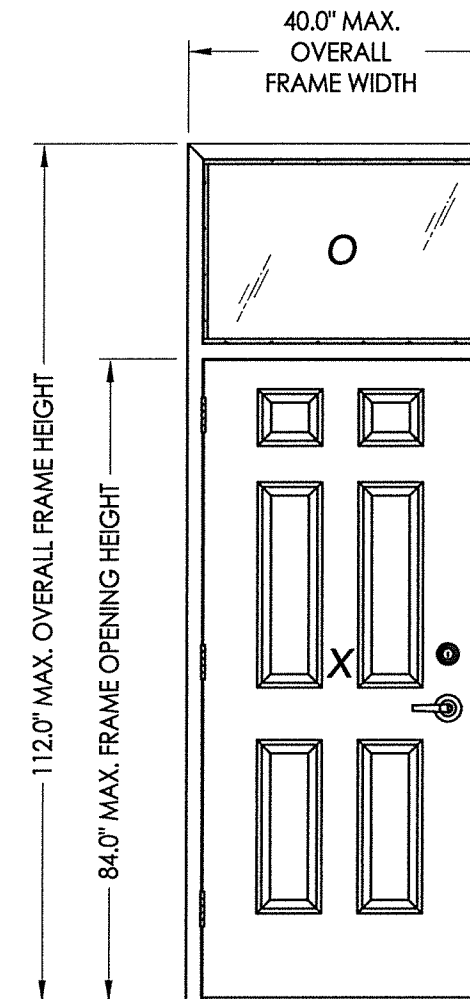
GENERAL NOTES

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 complies with FBC Section 1609.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996 and FBC Section 1609.1.2.2.
4. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
5. The "D" door achieves a Class I stiffness classification per Section 8.2.2 of ANSI A250.13 (based on opaque door).

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevations, design pressures, & general notes
2	Door panel sections 161 lock prep
3	Horizontal cross sections
4	Vertical cross sections
5	Vertical cross sections
6	Anchoring details
7	Glazing detail & components
8	Bill of materials & components

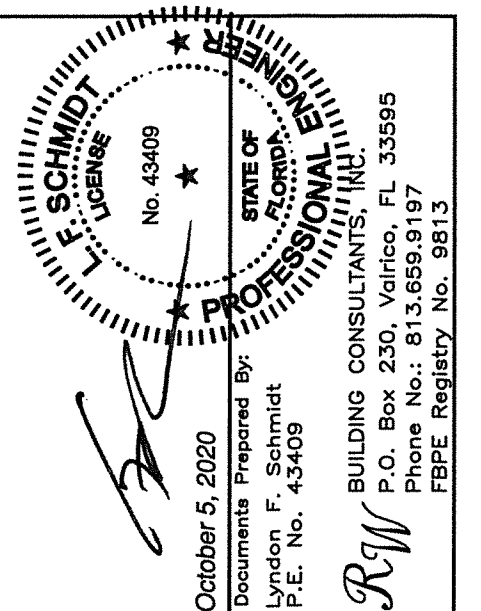


(Shown as flush panel)



(Shown as embossed panel)

SWING	OVERALL FRAME DIMENSION	OVERALL D.L.O. DIMENSION	LOCK TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
INSWING	40.0" x 112.0"	34.75" x 22.75"	161 LATCH (SCHLAGE)	+55.0	-55.0
	40.0" x 112.0"	34.75" x 22.75"	161 LATCH & DEADBOLT (DESIGN HARDWARE)	+65.0	-70.0
OUTSWING	40.0" x 112.0"	34.75" x 22.75"	161 LATCH (SCHLAGE)	+55.0	-55.0
	40.0" x 112.0"	34.75" x 22.75"	161 LATCH & DEADBOLT (DESIGN HARDWARE)	+65.0	-70.0



October 5, 2020

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: MEGAMET INDUSTRIES, INC.
"D" STEEL DOOR

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

[illegible]

DATE: 7/17/13

SCALE: N.T.S.

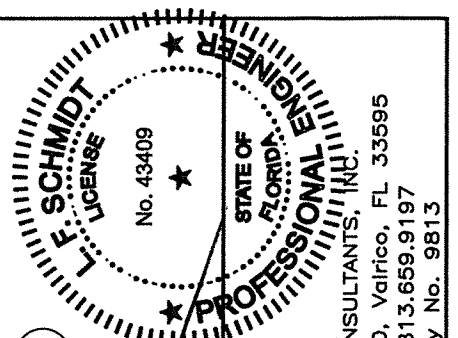
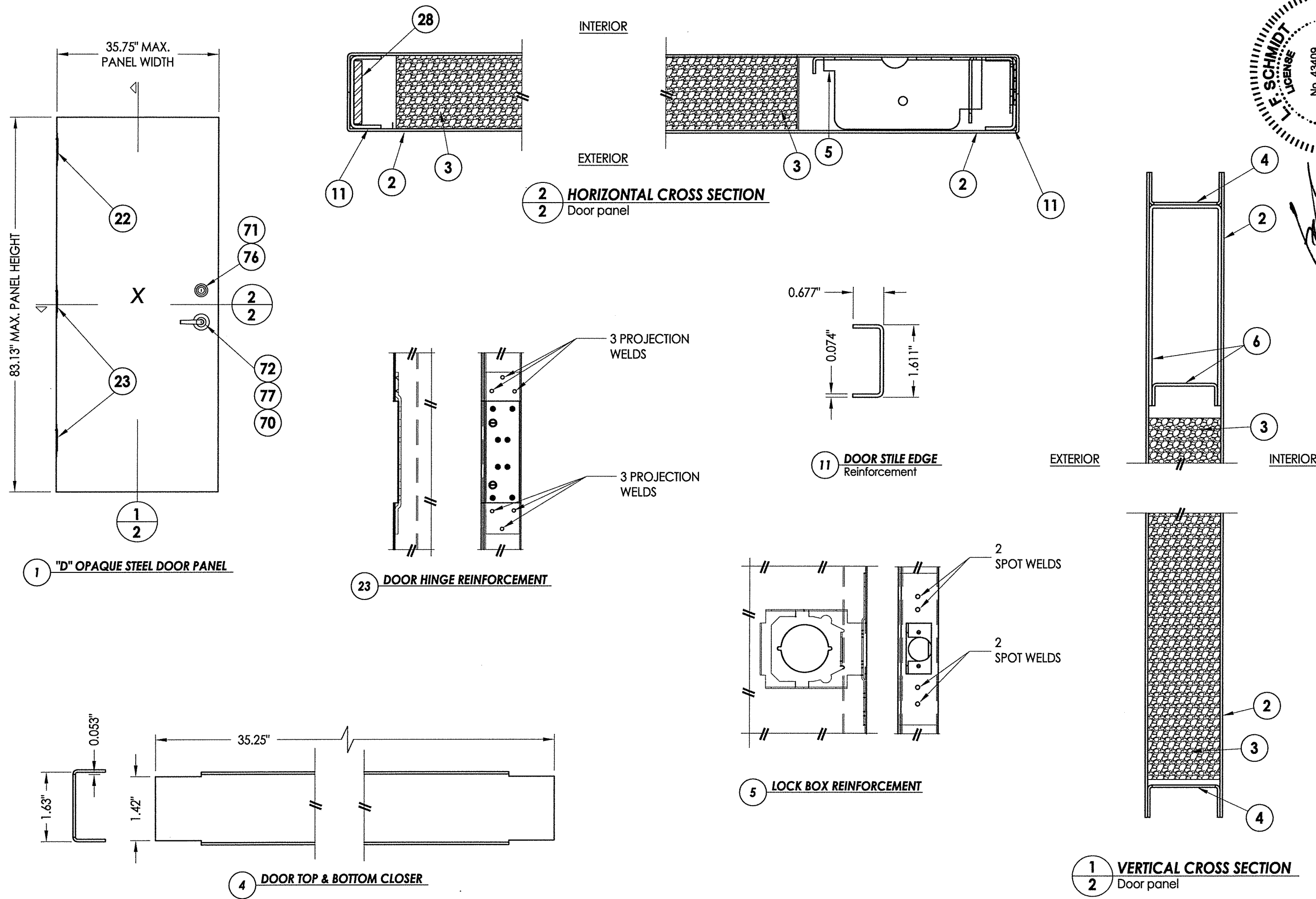
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-16493.9

SHEET 1 OF 8



October 5, 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:		MEGAMET INDUSTRIES, INC.			
		"D" STEEL DOOR			
PART OR ASSEMBLY:		DOOR PANEL SECTIONS			
		161 LOCK PREP			
		REVISIONS			
		3	10/01/20	UPDATE TO 7TH ED. (2020)	FBC LFS
		2	10/16/17	UPDATE TO 6TH ED. (2017)	FBC LFS
		1	1/06/15	UPDATE TO 5th ED. (2014)	FBC LFS
		NO.	DATE		BY
DATE:		7/17/13			
SCALE:		N.T.S.			
DWG. BY:		JK			
CHK. BY:		LFS			
DRAWING NO.:		FL-16493.9			
SHEET		2	OF		8

CROSS SECTION

1-1/2" MIN. EMB. (TYP.)

1-1/2" MIN. EMB. (TYP.)

EXTERIOR

INTERIOR

20

1

16

27

10

25

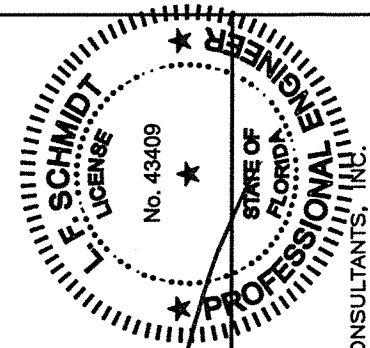
9

M J

C

E

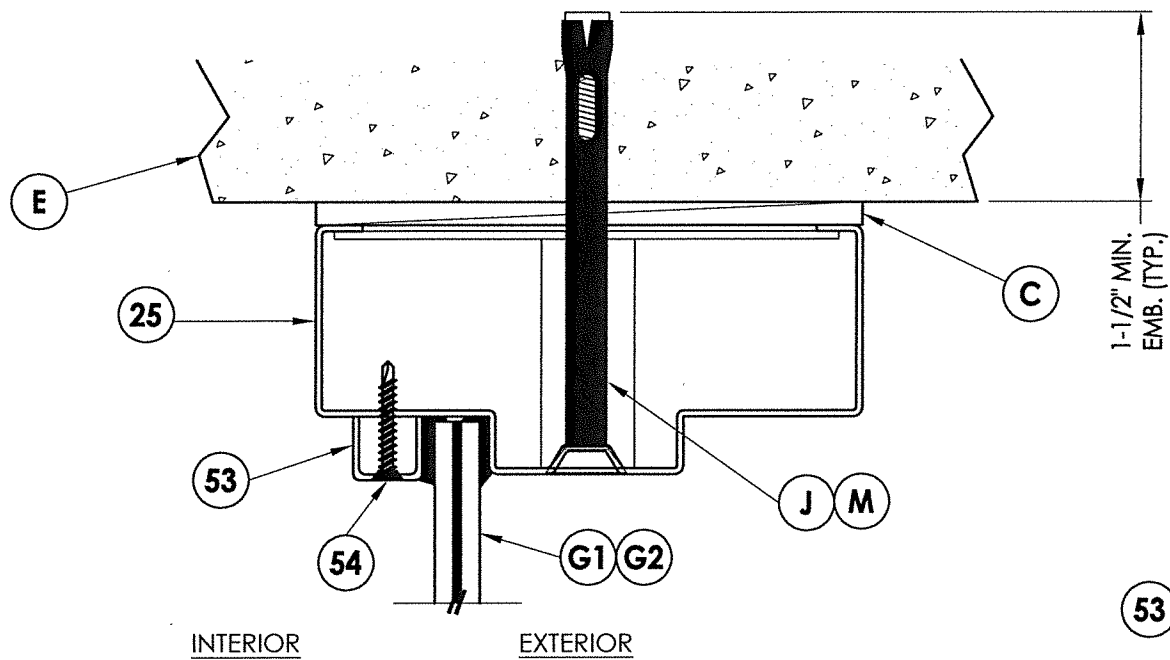
2 HORIZONTAL CROSS SECTION
3 Inswing shown
 Outswing also approved



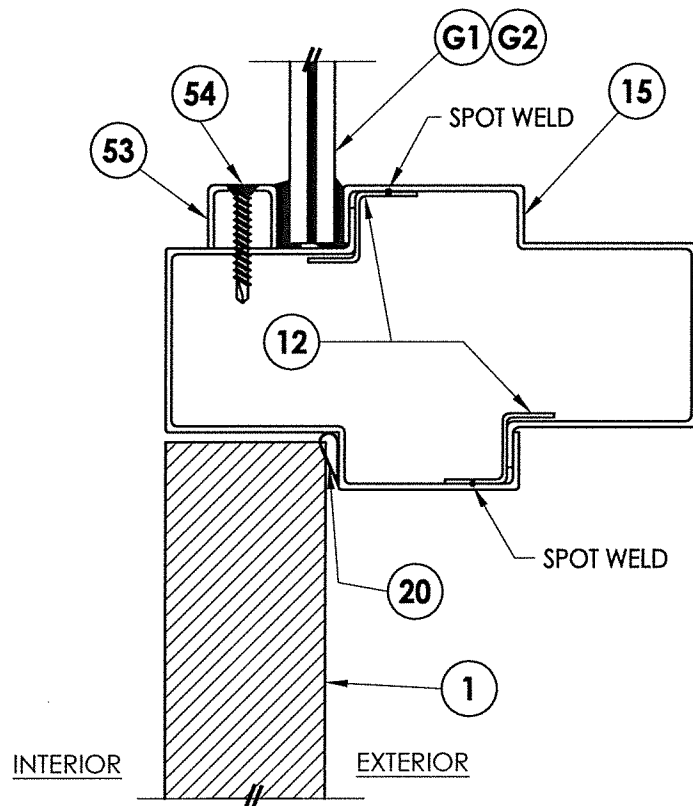
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

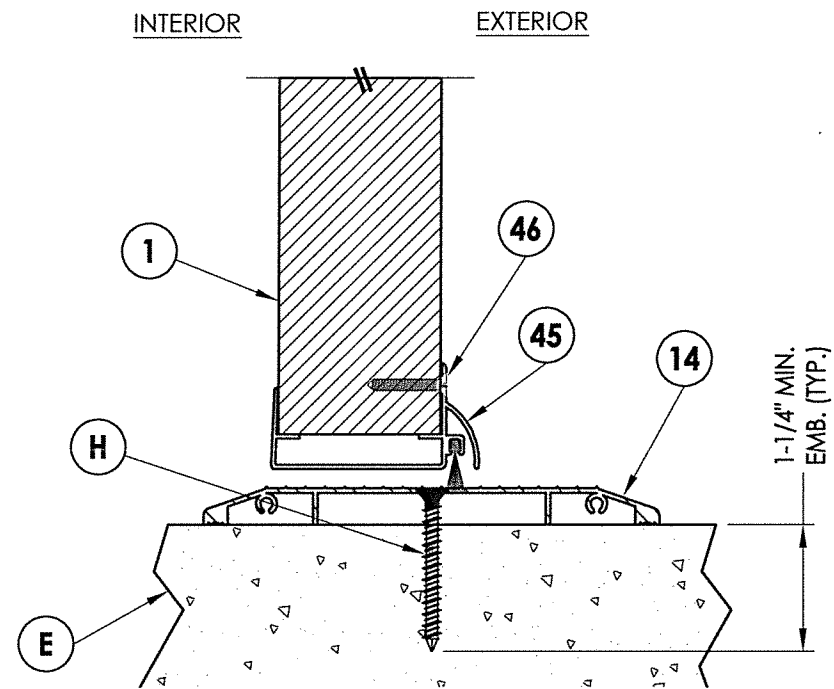
[illegible]



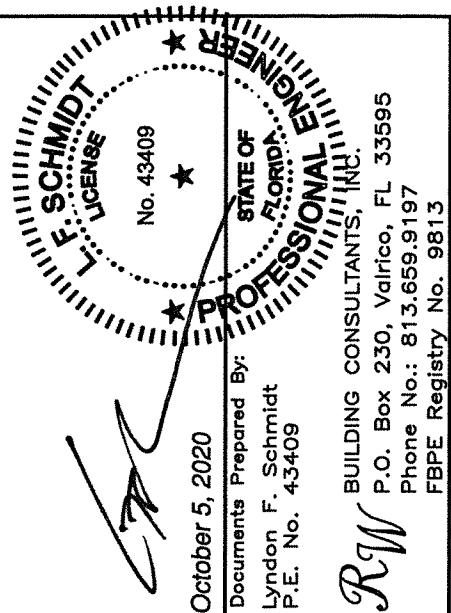
1
4 **VERTICAL CROSS SECTION**
Inswing shown
Outswing also approved



2
4 **VERTICAL CROSS SECTION**
Inswing shown
Outswing also approved



3
4 **VERTICAL CROSS SECTION**
Optional inswing shown



October 5, 2020

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:
MEGAMET INDUSTRIES, INC.

"D" STEEL DOOR

PART OR ASSEMBLY:

VERTICAL CROSS SECTIONS

NO.	DATE	REVISIONS
3	10/01/20	UPDATE TO 7TH ED. (2020) FBC LFS
2	10/16/17	UPDATE TO 6TH ED. (2017) FBC LFS
1	1/06/15	UPDATE TO 5th ED. (2014) FBC LFS

DATE: 7/17/13

SCALE: N.T.S.

DWG. BY: JK

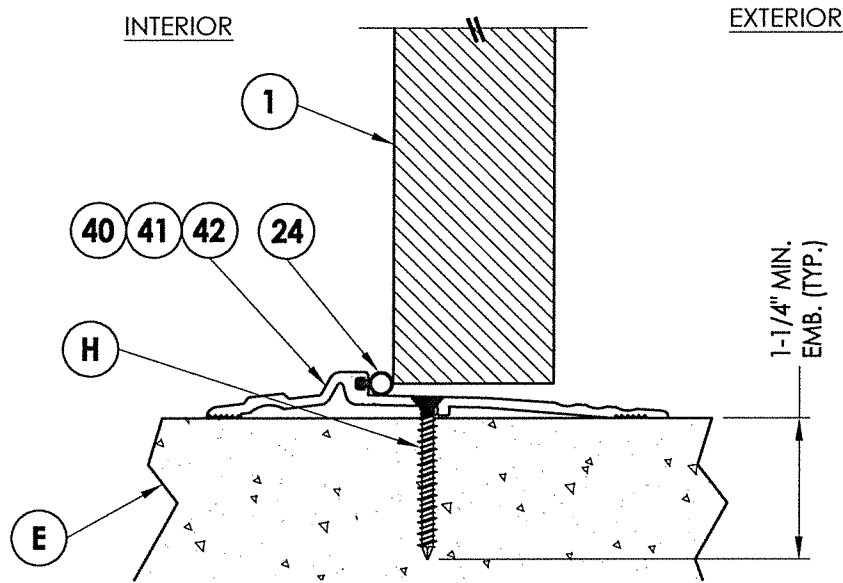
CHK. BY: LFS

DRAWING NO.:

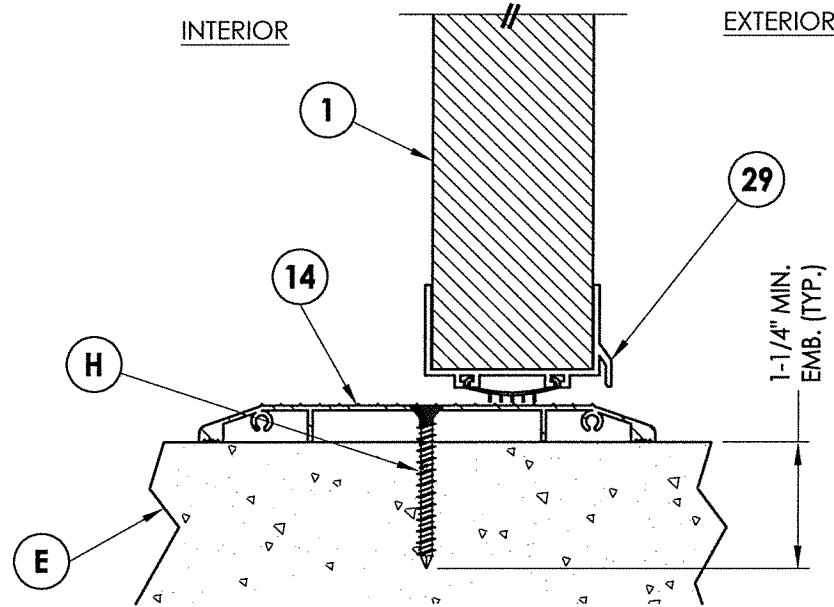
FL-16493.9

SHEET 4 OF 8

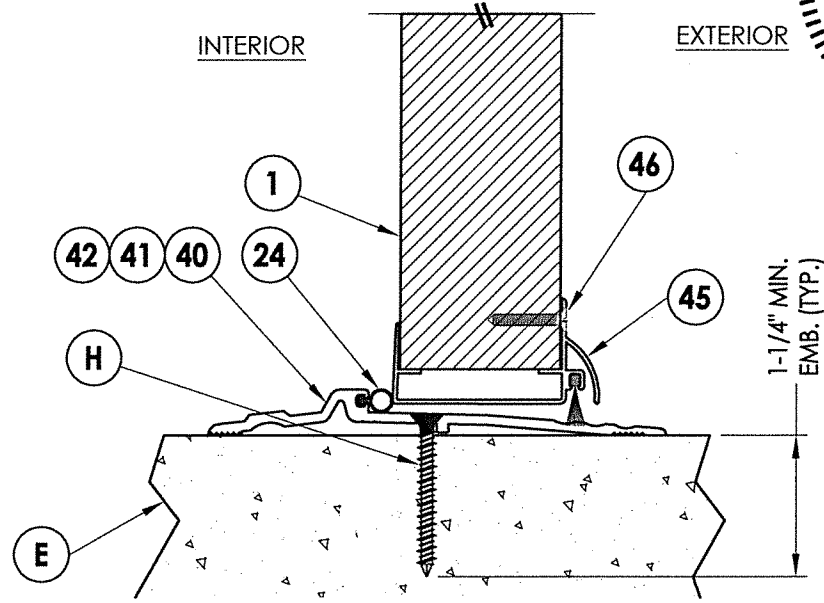
R:\Clients\Megamet PERMANENT\A - Florida Product Approvals\FL-16493\C - Drawings\FL-16493 (2020)\FL-16493.1-12.dwg, 5.9



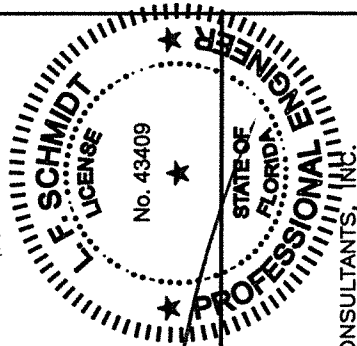
1 **VERTICAL CROSS SECTION**
5 Optional outswing shown



3 **VERTICAL CROSS SECTION**
5 Optional Outswing shown



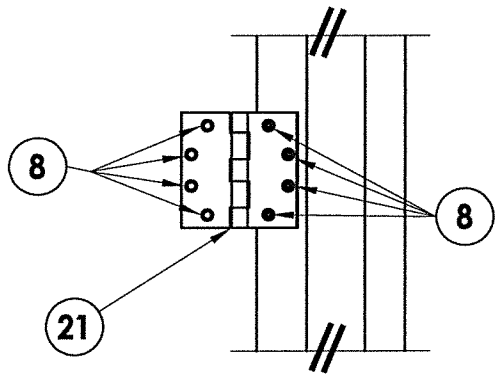
2 **VERTICAL CROSS SECTION**
5 Optional Outswing shown



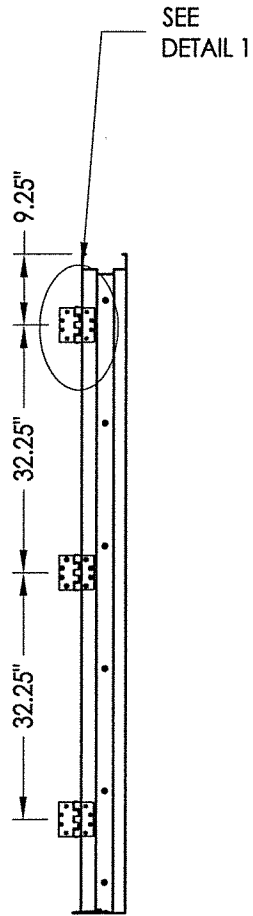
October 5, 2020
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

PRODUCT:		MEGAMET INDUSTRIES, INC.	
		"D" STEEL DOOR	
		PART OR ASSEMBLY:	
		VERTICAL CROSS SECTIONS	
		REVISIONS	
		NO.	DATE
		3	10/01/20
		2	10/16/17
		1	1/06/15
		BY	
DATE:		7/17/13	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-16493.9	
SHEET		5	OF 8

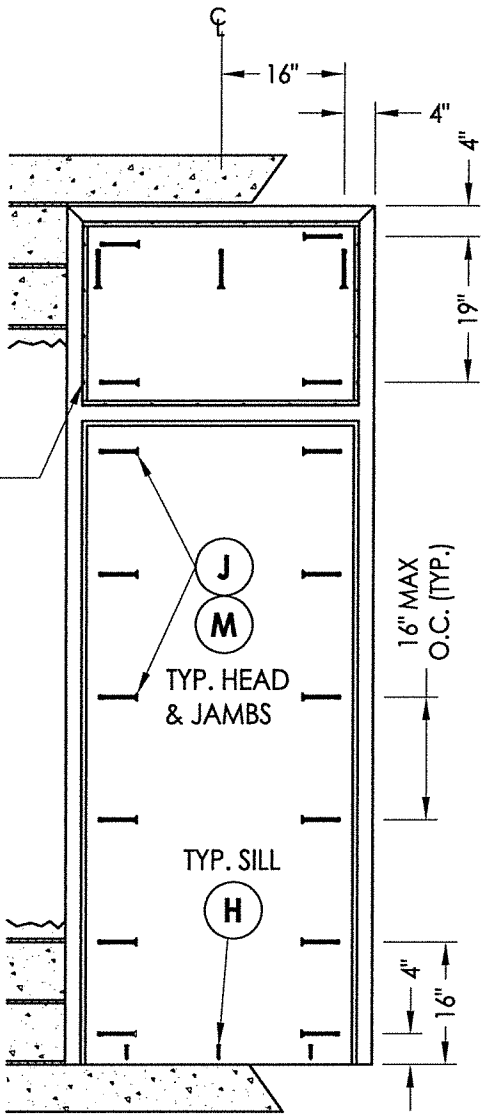


DETAIL 1

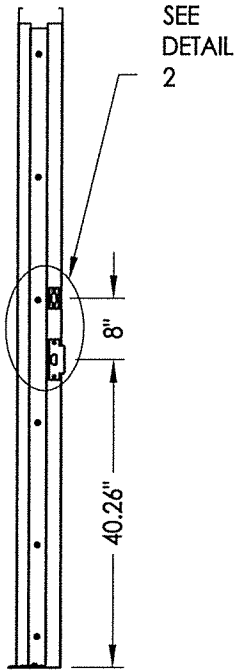


HINGE JAMB

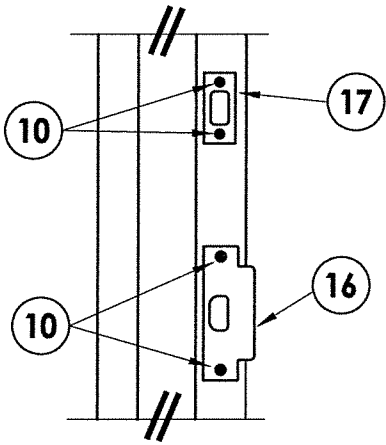
ITEM #44 GLASS STOP
RETAINING SCREW
3\" FROM CORNER
6\" MAX ON CENTER



FRAME ANCHORING



STRIKE JAMB



DETAIL 2

ANCHOR NOTES:

1. Substitution of equal concrete screws from a different supplier may have different edge distance and center distance requirements.
2. Concrete screw locations at the corners may be adjusted to maintain the minimum edge distance to mortar joints. If concrete screw locations noted as "MAX. ON CENTER" 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.
3. Concrete Anchor Table:

ANCHOR TYPE	ANCHOR SIZE	MINIMUM EMBEDMENT	MINIMUM CLEARANCE TO MASONRY EDGE	MINIMUM CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2-1/2"	4"
DYNABOLT SLEEVE ANCHOR	3/8"	1-1/2"	2-1/4"	4-1/2"
POWERS TAPPER	3/8"	1-1/2"	4"	3-3/4"

E. SCHMIDT
LICENSE
No. 43409
STATE OF FLORIDA
PROFESSIONAL ENGINEER

October 5, 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:		MEGAMET INDUSTRIES, INC.				
		"D" STEEL DOOR				
PART OR ASSEMBLY:		ANCHORING DETAILS				
		REVISIONS				
		3	10/01/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
		2	10/16/17	UPDATE TO 6TH ED. (2017)	FBC	LFS
		1	1/06/15	UPDATE TO 5th ED. (2014)	FBC	LFS
		NO.	DATE			BY
DATE: 7/17/13						
SCALE: N.T.S.						
DWG. BY: JK						
CHK. BY: LFS						
DRAWING NO.: FL-16493.9						
SHEET 6 OF 8						

Technical drawing of a rectangular plate. The overall width is 1.63". The overall height is 7.63". The central rectangular area has a height of 3.5". The plate features two circular holes, one near the top and one near the bottom. The top and bottom edges have three mounting holes each, indicated by a cross symbol. The central rectangular area is defined by dashed lines, suggesting it is a recessed or cutout section. The bottom edge has a width of 1.25" for the central section.

Technical drawing of a mechanical part, showing front and side views with dimensions.

Front View (Left):

- Overall height: 4.11"
- Overall width: 1.25"
- Top section height: 0.52"
- Bottom section height: 0.97"
- Top section features four holes (two small, two larger).
- Bottom section features two small holes.
- Radius: R0.13" (indicated on the top left corner).

Side View (Right):

- Overall width: 1.12"
- Overall height: 1.56"
- Bottom flange thickness: 0.08"

0.5" GLASS BITE

INTERIOR

EXTERIOR

53

54

9/16" THICK.

1/4" HEAT STRENGTHENED

0.090" SAFLEX® PVB INTERLAYER

1/4" HEAT STRENGTHENED

81

27 LATCH S

Diagram illustrating the cross-section of a laminated glass unit. The unit is shown in a cross-section view, revealing multiple layers of glass and interlayers. The diagram includes the following labels and dimensions:

- 0.57" GLASS BITE**: Dimension indicating the thickness of the glass bite.
- INTERIOR**: Label indicating the interior side of the unit.
- EXTERIOR**: Label indicating the exterior side of the unit.
- 51**: Callout number pointing to the top edge of the glass unit.
- 52**: Callout number pointing to the top edge of the glass unit, showing a detail of the edge seal.
- 81**: Callout number pointing to the bottom edge of the glass unit.
- 82**: Callout number pointing to the bottom edge of the glass unit, showing a detail of the edge seal.
- 1-1/16" THICK**: Dimension indicating the thickness of the top glass layer.
- 1/4" HEAT STRENGTHENED**: Label indicating the thickness and type of the top glass layer.
- 0.090" SAFLEX® PVB INTERLAYER**: Label indicating the thickness and material of the interlayer.
- 1/4" HEAT STRENGTHENED**: Label indicating the thickness and type of the middle glass layer.
- AIR SPACE**: Label indicating the space between the glass layers.
- 1/4" TEMPERED**: Label indicating the thickness and type of the bottom glass layer.

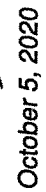
Technical drawing of a rectangular plate with dimensions and hole patterns. The drawing includes a side view and a top view.

Side View Dimensions:

- Overall width: 8"
- Overall height: 4.75"
- Bottom flange width: 0.18"

Top View Dimensions and Hole Patterns:

- Overall width: 8"
- Overall height: 1.4"
- Top flange width: 0.75"
- Bottom flange width: 0.75"
- Central body width: 0.7"
- Vertical spacing from top edge:
 - 0.88" to the first row of 3 holes (top row)
 - 1.23" to the second row of 2 holes
 - 1.13" to the third row of 2 holes
 - 1.13" to the fourth row of 2 holes
 - 1.13" to the fifth row of 2 holes
 - 1.13" to the sixth row of 2 holes
 - 1.13" to the seventh row of 2 holes
 - 1.13" to the eighth row of 2 holes
 - 1.13" to the ninth row of 2 holes
 - 1.13" to the tenth row of 2 holes
 - 1.13" to the eleventh row of 2 holes
 - 1.13" to the twelfth row of 2 holes
 - 1.13" to the thirteenth row of 2 holes
 - 1.13" to the fourteenth row of 2 holes
 - 1.13" to the fifteenth row of 2 holes
 - 1.13" to the sixteenth row of 2 holes
 - 1.13" to the seventeenth row of 2 holes
 - 1.13" to the eighteenth row of 2 holes
 - 1.13" to the nineteenth row of 2 holes
 - 1.13" to the twentieth row of 2 holes
 - 1.13" to the twenty-first row of 2 holes
 - 1.13" to the twenty-second row of 2 holes
 - 1.13" to the twenty-third row of 2 holes
 - 1.13" to the twenty-fourth row of 2 holes
 - 1.13" to the twenty-fifth row of 2 holes
 - 1.13" to the twenty-sixth row of 2 holes
 - 1.13" to the twenty-seventh row of 2 holes
 - 1.13" to the twenty-eighth row of 2 holes
 - 1.13" to the twenty-ninth row of 2 holes
 - 1.13" to the thirtieth row of 2 holes
 - 1.13" to the thirty-first row of 2 holes
 - 1.13" to the thirty-second row of 2 holes
 - 1.13" to the thirty-third row of 2 holes
 - 1.13" to the thirty-fourth row of 2 holes
 - 1.13" to the thirty-fifth row of 2 holes
 - 1.13" to the thirty-sixth row of 2 holes
 - 1.13" to the thirty-seventh row of 2 holes
 - 1.13" to the thirty-eighth row of 2 holes
 - 1.13" to the thirty-ninth row of 2 holes
 - 1.13" to the fortieth row of 2 holes
 - 1.13" to the forty-first row of 2 holes
 - 1.13" to the forty-second row of 2 holes
 - 1.13" to the forty-third row of 2 holes
 - 1.13" to the forty-fourth row of 2 holes
 - 1.13" to the forty-fifth row of 2 holes
 - 1.13" to the forty-sixth row of 2 holes
 - 1.13" to the forty-seventh row of 2 holes
 - 1.13" to the forty-eighth row of 2 holes
 - 1.13" to the forty-ninth row of 2 holes
 - 1.13" to the fiftieth row of 2 holes
 - 1.13" to the fifty-first row of 2 holes
 - 1.13" to the fifty-second row of 2 holes
 - 1.13" to the fifty-third row of 2 holes
 - 1.13" to the fifty-fourth row of 2 holes
 - 1.13" to the fifty-fifth row of 2 holes
 - 1.13" to the fifty-sixth row of 2 holes
 - 1.13" to the fifty-seventh row of 2 holes
 - 1.13" to the fifty-eighth row of 2 holes
 - 1.13" to the fifty-ninth row of 2 holes
 - 1.13" to the sixtieth row of 2 holes
 - 1.13" to the sixty-first row of 2 holes
 - 1.13" to the sixty-second row of 2 holes
 - 1.13" to the sixty-third row of 2 holes
 - 1.13" to the sixty-fourth row of 2 holes
 - 1.13" to the sixty-fifth row of 2 holes
 - 1.13" to the sixty-sixth row of 2 holes
 - 1.13" to the sixty-seventh row of 2 holes
 - 1.13" to the sixty-eighth row of 2 holes
 - 1.13" to the sixty-ninth row of 2 holes
 - 1.13" to the seventieth row of 2 holes
 - 1.13" to the seventy-first row of 2 holes
 - 1.13" to the seventy-second row of 2 holes
 - 1.13" to the seventy-third row of 2 holes
 - 1.13" to the seventy-fourth row of 2 holes
 - 1.13" to the seventy-fifth row of 2 holes
 - 1.13" to the seventy-sixth row of 2 holes
 - 1.13" to the seventy-seventh row of 2 holes
 - 1.13" to the seventy-eighth row of 2 holes
 - 1.13" to the seventy-ninth row of 2 holes
 - 1.13" to the eightieth row of 2 holes
 - 1.13" to the eighty-first row of 2 holes
 - 1.13" to the eighty-second row of 2 holes
 - 1.13" to the eighty-third row of 2 holes
 - 1.13" to the eighty-fourth row of 2 holes
 - 1.13" to the eighty-fifth row of 2 holes
 - 1.13" to the eighty-sixth row of 2 holes
 - 1.13" to the eighty-seventh row of 2 holes
 - 1.13" to the eighty-eighth row of 2 holes
 - 1.13" to the eighty-ninth row of 2 holes
 - 1.13" to the ninetieth row of 2 holes
 - 1.13" to the ninety-first row of 2 holes
 - 1.13" to the ninety-second row of 2 holes
 - 1.13" to the ninety-third row of 2 holes
 - 1.13" to the ninety-fourth row of 2 holes
 - 1.13" to the ninety-fifth row of 2 holes
 - 1.13" to the ninety-sixth row of 2 holes
 - 1.13" to the ninety-seventh row of 2 holes
 - 1.13" to the ninety-eighth row of 2 holes
 - 1.13" to the ninety-ninth row of 2 holes
 - 1.13" to the one hundredth row of 2 holes
- Horizontal spacing between hole columns:
 - 0.75" between the first and second columns of holes
 - 0.75" between the second and third columns of holes
 - 0.75" between the third and fourth columns of holes
 - 0.75" between the fourth and fifth columns of holes
 - 0.75" between the fifth and sixth columns of holes
 - 0.75" between the sixth and seventh columns of holes
 - 0.75" between the seventh and eighth columns of holes
 - 0.75" between the eighth and ninth columns of holes
 - 0.75" between the ninth and tenth columns of holes
 - 0.75" between the tenth and eleventh columns of holes
 - 0.75" between the eleventh and twelfth columns of holes
 - 0.75" between the twelfth and thirteenth columns of holes
 - 0.75" between the thirteenth and fourteenth columns of holes
 - 0.75" between the fourteenth and fifteenth columns of holes
 - 0.75" between the fifteenth and sixteenth columns of holes
 - 0.75" between the sixteenth and seventeenth columns of holes
 - 0.75" between the seventeenth and eighteenth columns of holes
 - 0.75" between the eighteenth and nineteenth columns of holes
 - 0.75" between the nineteenth and twentieth columns of holes
 - 0.75" between the twentieth and twenty-first columns of holes
 - 0.75" between the twenty-first and twenty-second columns of holes
 - 0.75" between the twenty-second and twenty-third columns of holes
 - 0.75" between the twenty-third and twenty-fourth columns of holes
 - 0.75" between the twenty-fourth and twenty-fifth columns of holes
 - 0.75" between the twenty-fifth and twenty-sixth columns of holes
 - 0.75" between the twenty-sixth and twenty-seventh columns of holes
 - 0.75" between the twenty-seventh and twenty-eighth columns of holes
 - 0.75" between the twenty-eighth and twenty-ninth columns of holes
 - 0.75" between the twenty-ninth and thirtieth columns of holes
 - 0.75" between the thirtieth and thirty-first columns of holes
 - 0.75" between the thirty-first and thirty-second columns of holes
 - 0.75" between the thirty-second and thirty-third columns of holes
 - 0.75" between the thirty-third and thirty-fourth columns of holes
 - 0.75" between the thirty-fourth and thirty-fifth columns of holes
 - 0.75" between the thirty-fifth and thirty-sixth columns of holes
 - 0.75" between the thirty-sixth and thirty-seventh columns of holes
 - 0.75" between the thirty-seventh and thirty-eighth columns of holes
 - 0.75" between the thirty-eighth and thirty-ninth columns of holes
 - 0.75" between the thirty-ninth and fortieth columns of holes
 - 0.75" between the fortieth and forty-first columns of holes
 - 0.75" between the forty-first and forty-second columns of holes
 - 0.75" between the forty-second and forty-third columns of holes
 - 0.75" between the forty-third and forty-fourth columns of holes
 - 0.75" between the forty-fourth and forty-fifth columns of holes
 - 0.75" between the forty-fifth and forty-sixth columns of holes
 - 0.75" between the forty-sixth and forty-seventh columns of holes
 - 0.75" between the forty-seventh and forty-eighth columns of holes
 - 0.75" between the forty-eighth and forty-ninth columns of holes
 - 0.75" between the forty-ninth and fiftieth columns of holes
 - 0.75" between the fiftieth and fifty-first columns of holes
 - 0.75" between the fifty-first and fifty-second columns of holes
 - 0.75" between the fifty-second and fifty-third columns of holes
 - 0.75" between the fifty-third and fifty-fourth columns of holes
 - 0.75" between the fifty-fourth and fifty-fifth columns of holes
 - 0.75" between the fifty-fifth and fifty-sixth columns of holes
 - 0.75" between the fifty-sixth and fifty-seventh columns of holes
 - 0.75" between the fifty-seventh and fifty-eighth columns of holes
 - 0.75" between the fifty-eighth and fifty-ninth columns of holes
 - 0.75" between the fifty-ninth and sixtieth columns of holes
 - 0.75" between the sixtieth and sixty-first columns of holes
 - 0.75" between the sixty-first and sixty-second columns of holes
 - 0.75" between the sixty-second and sixty-third columns of holes
 - 0.75" between the sixty-third and sixty-fourth columns of holes
 - 0.75" between the sixty-fourth and sixty-fifth columns of holes
 - 0.75" between the sixty-fifth and sixty-sixth columns of holes
 - 0.75" between the sixty-sixth and sixty-seventh columns of holes
 - 0.75" between the sixty-seventh and sixty-eighth columns of holes
 - 0.75" between the sixty-eighth and sixty-ninth columns of holes
 - 0.75" between the sixty-ninth and seventieth columns of holes
 - 0.75" between the seventieth and seventy-first columns of holes
 - 0.75" between the seventy-first and seventy-second columns of holes
 - 0.75" between the seventy-second and seventy-third columns of holes
 - 0.75" between the seventy-third and seventy-fourth columns of holes
 - 0.75" between the seventy-fourth and seventy-fifth columns of holes
 - 0.75" between the seventy-fifth and seventy-sixth columns of holes
 - 0.75" between the seventy-sixth and seventy-seventh columns of holes
 - 0.75" between the seventy-seventh and seventy-eighth columns of holes
 - 0.75" between the seventy-eighth and seventy-ninth columns of holes
 - 0.75" between the seventy-ninth and eightieth columns of holes
 - 0.75" between the eightieth and eighty-first columns of holes
 - 0.75" between the eighty-first and eighty-second columns of holes
 - 0.75" between the eighty-second and eighty-third columns of holes
 - 0.75" between the eighty-third and eighty-fourth columns of holes
 - 0.75" between the eighty

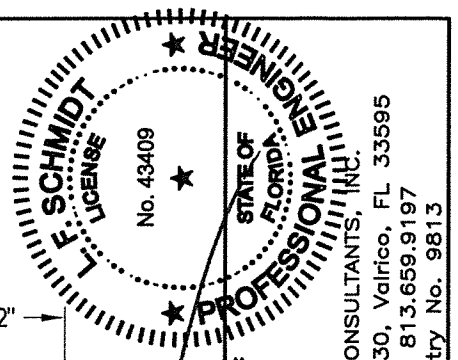
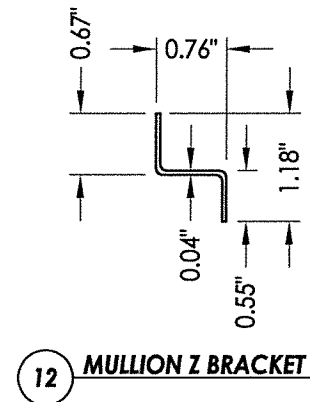
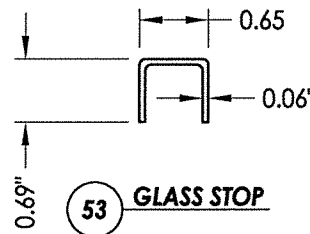
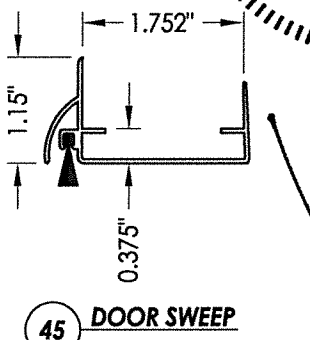
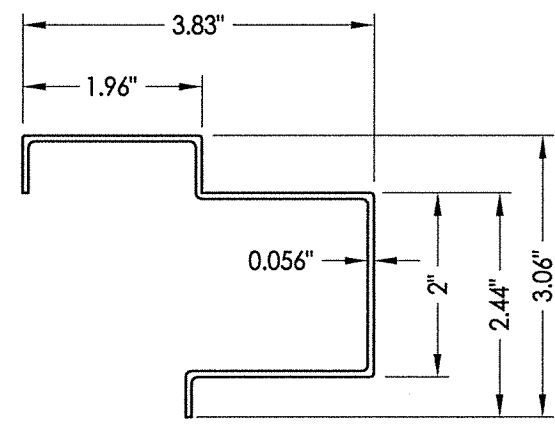
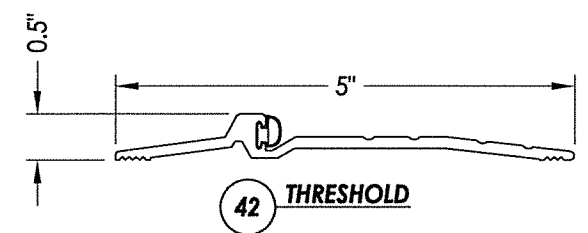
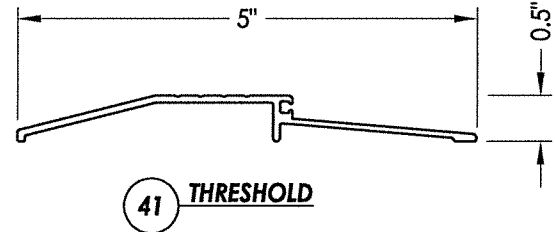
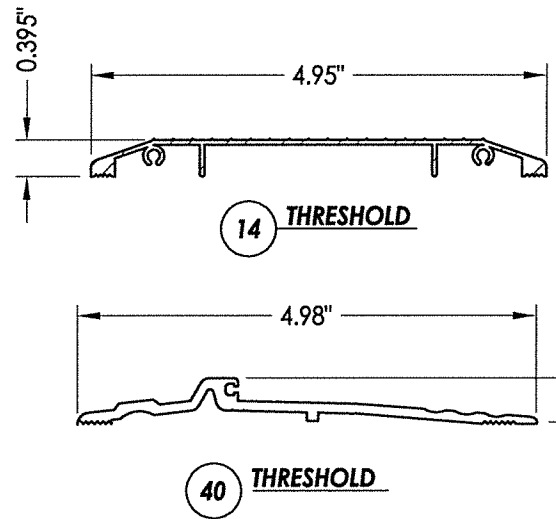
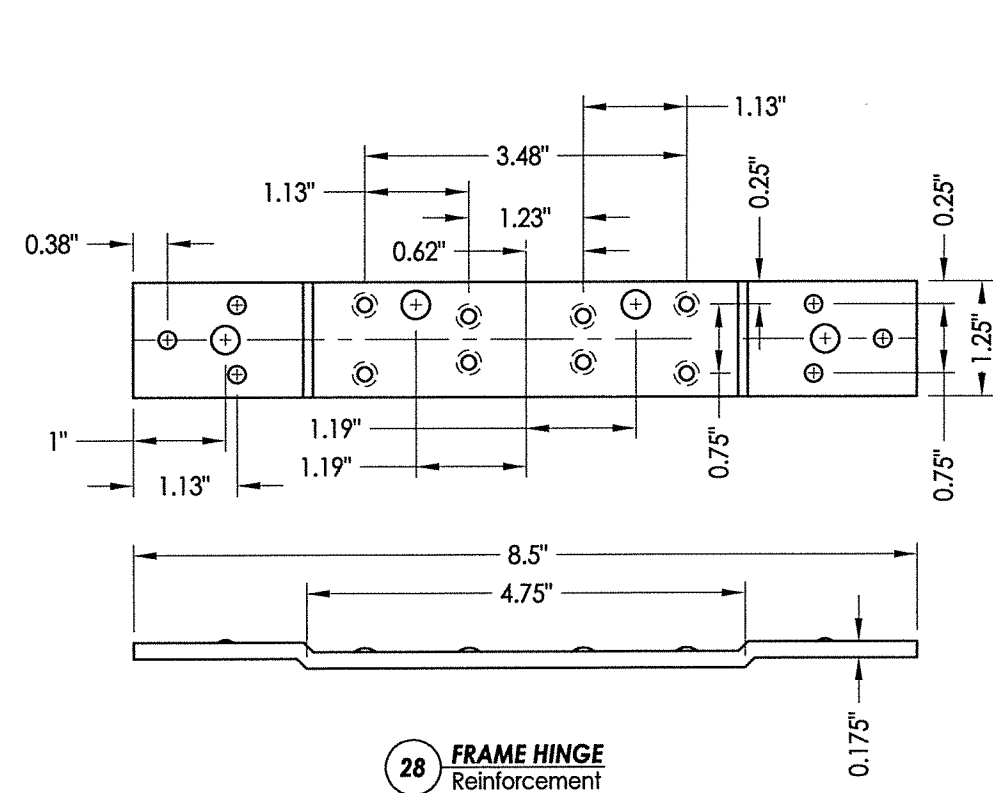


Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

DATE: 7/17/13		PRODUCT: MEGAMET INDUSTRIES, INC. "D" STEEL DOOR	
SCALE: N.T.S.		PART OR ASSEMBLY:	
DWG. BY: JK	GLAZING DETAIL & COMPONENTS		
CHK. BY: LFS			
DRAWING NO.: FL-16493.9			
SHEET 7 OF 8			

BILL OF MATERIALS					
ITEM	DESCRIPTION	MATERIAL	ITEM	DESCRIPTION	MATERIAL
C	MAX. 1/4" SHIM SPACE	-	21	4-1/2" X 4-1/2" X 0.125" TEMPLATE HINGE	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE	22	STANDARD (LONG) DOOR HINGE TOP HINGE REINFORCEMENT	STEEL
H	1/4" x 1-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL	23	STANDARD (SHORT) DOOR HINGE MIDDLE BOTTOM REINFORCEMENT	STEEL
J	3/8" X 5" PFH ITW DYNABOLT SLEEVE ANCHOR	STEEL	24	WEATHER STRIP (THRESHOLD)	NEOPRENE
M	3/8" X 5" TAPPER CONCRETE SCREW BY POWERS FASTENERS	STEEL	25	FRAME 5-3/4" X 2" MIN. (0.056" THK)	STEEL
1	"D" OPAQUE STEEL DOOR PANEL	-	27	LATCH STRIKE REINFORCEMENT	STEEL
2	DOOR SKIN (0.055" THK. STEEL, Fy = 40,317 PSI MIN.)	STEEL	28	FRAME HINGE REINFORCEMENT	STEEL
3	FOAM 1.0 PCF MIN. DENSITY	POLYSTYRENE	29	COLUMBIA DOOR BOTTOM SWEEP #2580	ALUMINUM
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 #2005 V	ALUMINUM
8	#12-24 x 1/2" SELF TAPPER	STEEL	45	95WHA DOOR SWEEP NATIONAL GUARD PRODUCTS, INC.	ALUMINUM
9	TUBE ANCHOR	STEEL	46	#6 X 3/4" PHILLIPS HEAD SMS	STEEL
10	#12-24 x 1.0" COMBINATION MACHINE / WOOD SCREW	STEEL	53	U-CHANNEL GLASS STOP	STEEL
11	DOOR STILE EDGE REINFORCEMENT	STEEL	54	#8 X 1.25" PFH SMS	STEEL
12	MULLION Z BRACKET	STEEL	70	SCHLAGE LOCK SET ASSEMBLY ND53PD	STEEL
14	COLUMBIA ADA THRESHOLD #6510	ALUMINUM	71	DESIGN HARDWARE D1-S SERIES DEADBOLT	STEEL
15	MULLION MIN. (0.056" THK)	STEEL	72	DESIGN HARDWARE "Z" SERIES ENTRY	STEEL
16	ANSI LATCH STRIKE	STEEL	76	DESIGN HARDWARE D2-S SERIES DEADBOLT	STEEL
17	DEADBOLT STRIKE	STEEL	77	DESIGN HARDWARE "X" SERIES ENTRY	STEEL
19	DEADBOLT STRIKE REINFORCEMENT	STEEL	81	DOW 995 STRUCTURAL SILICONE	SILICONE
20	WEATHER-STRIP	NEOPRENE	82	GLASS SPACER	ALUM



October 5, 2020
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:
MEGAMET INDUSTRIES, INC.
"D" STEEL DOOR
PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

REVISIONS			
NO.	DATE	BY	
3	10/01/20	LFS	UPDATE TO 7TH ED. (2020) FBC
2	10/16/17	LFS	UPDATE TO 6TH ED. (2017) FBC
1	1/06/15	LFS	UPDATE TO 5TH ED. (2014) FBC
DATE: 7/17/13			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-16493.9			
SHEET 8 OF 8			