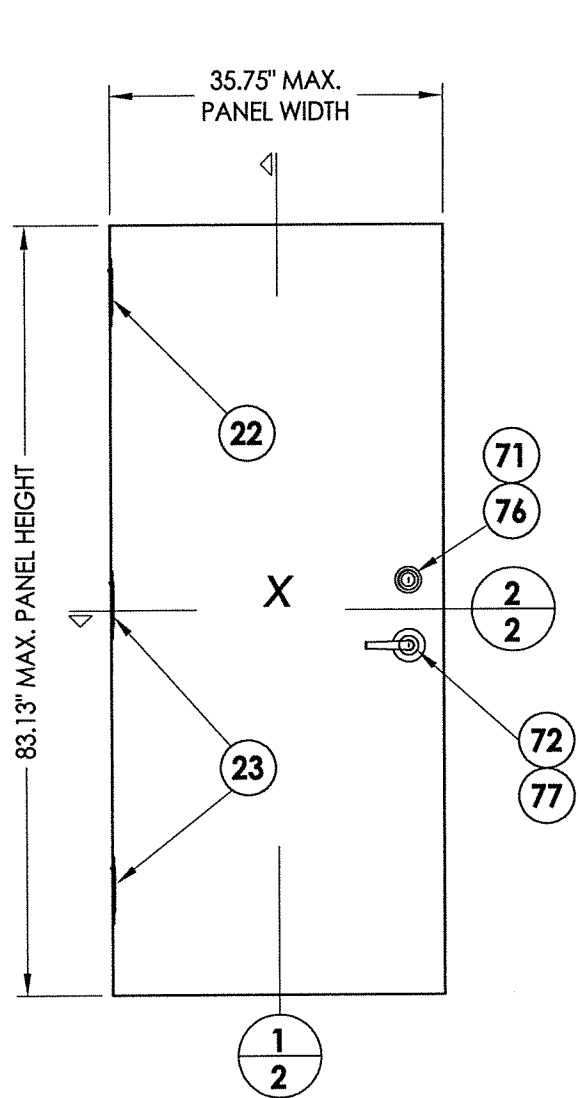
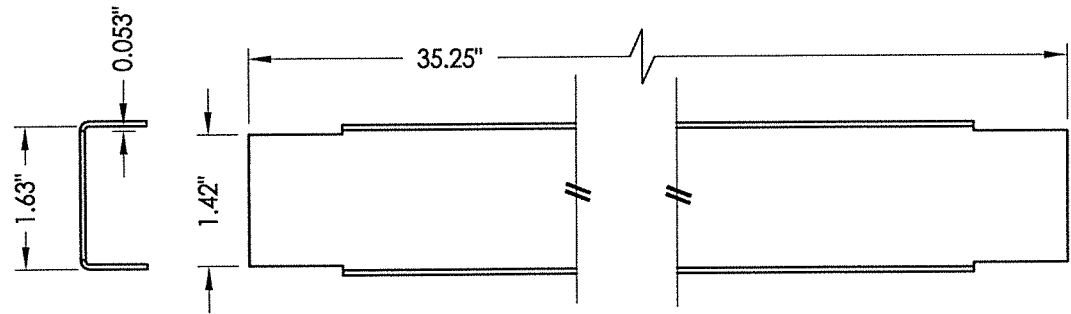
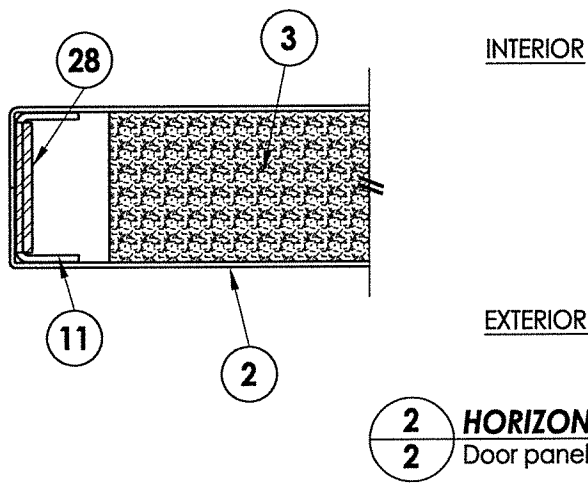




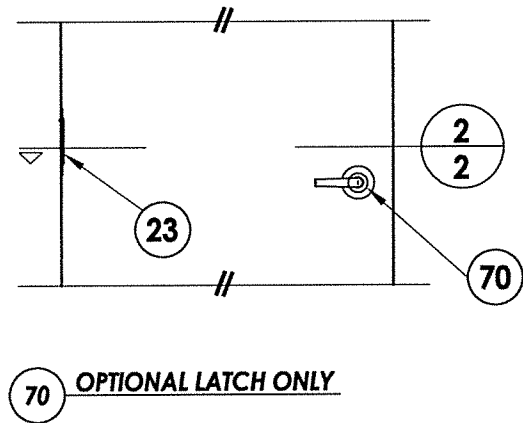
1 "D" OPAQUE STEEL DOOR PANEL



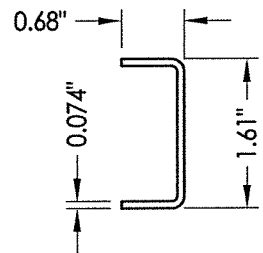
4 DOOR TOP & BOTTOM CLOSER



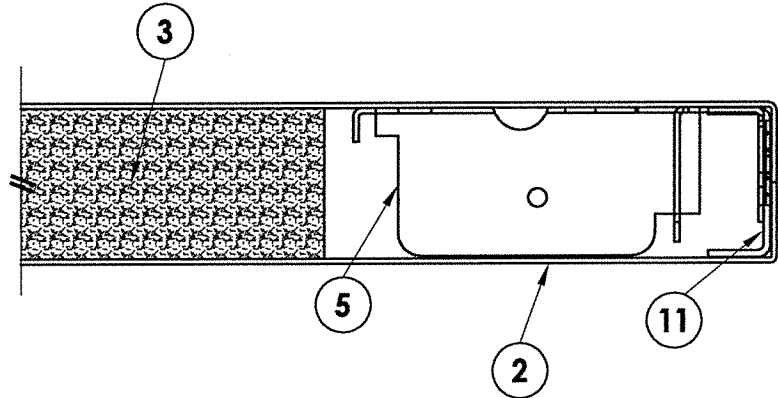
2 HORIZONTAL CROSS SECTION
2 Door panel



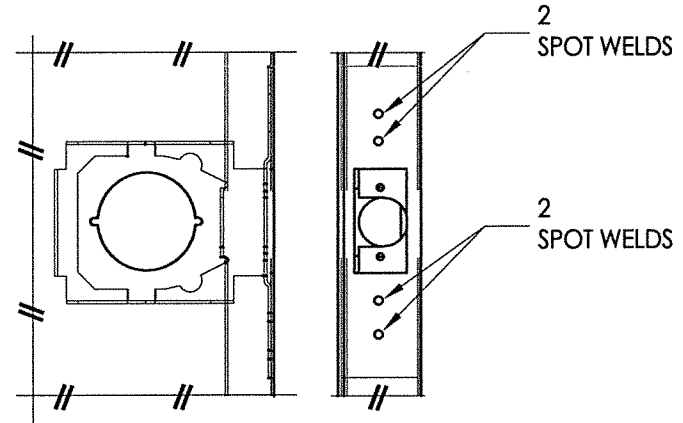
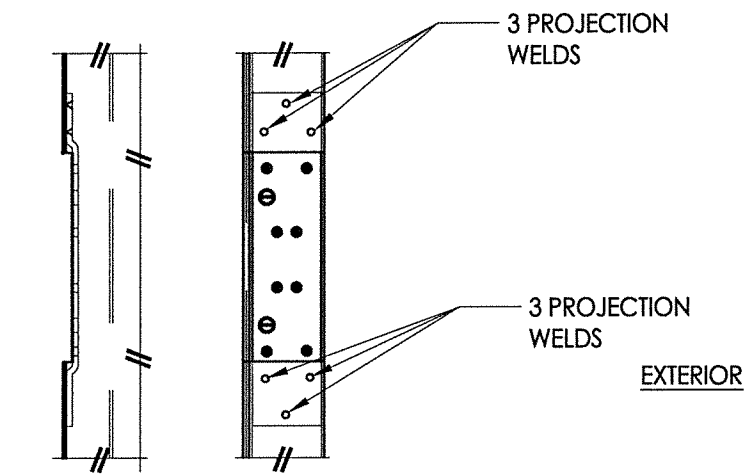
70 OPTIONAL LATCH ONLY



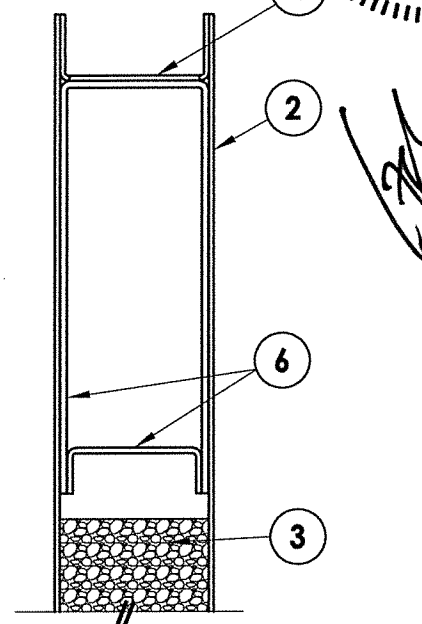
11 DOOR STILE EDGE Reinforcement



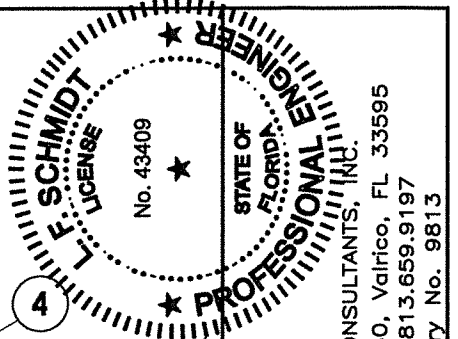
23 DOOR HINGE REINFORCEMENT



5 LOCK BOX REINFORCEMENT



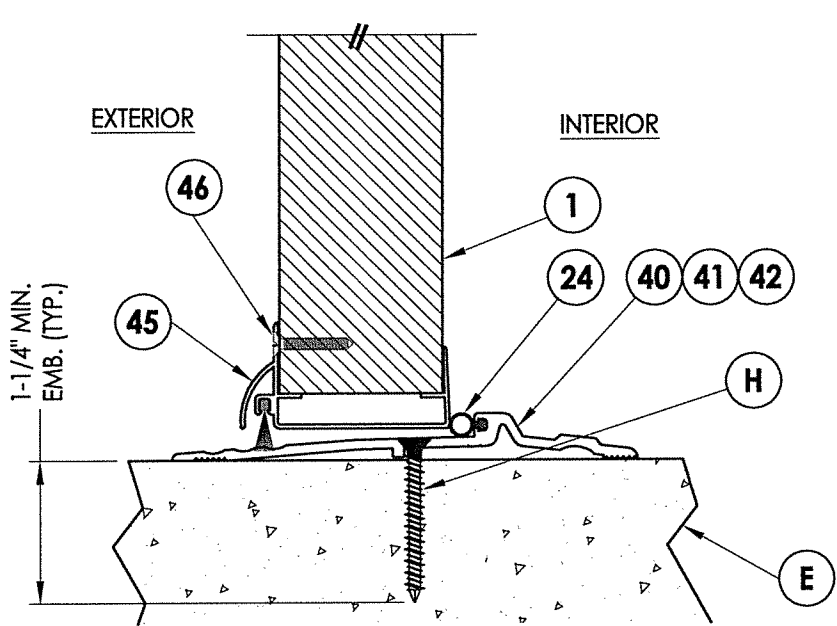
1 VERTICAL CROSS SECTION
2 Door panel



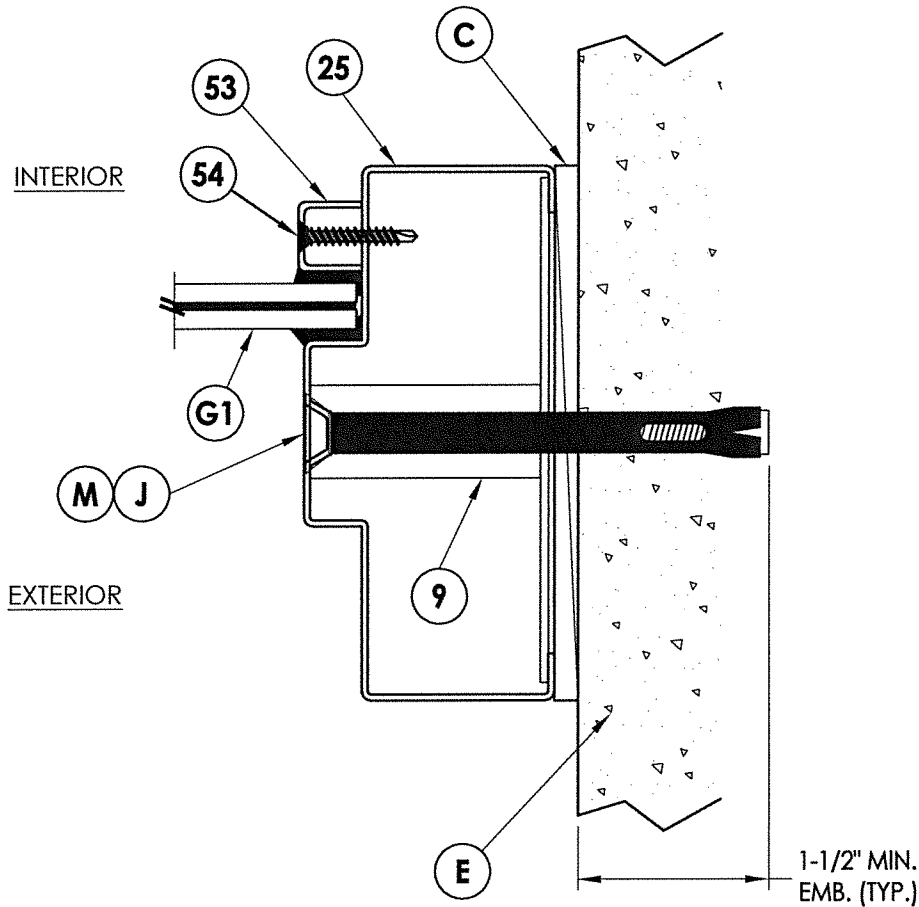
October 6, 2020
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:		MEGAMET INDUSTRIES, INC.		"D" STEEL DOOR	
PART OR ASSEMBLY:		DOOR PANEL SECTIONS		161 LOCK PREP	
DATE:		3	10/05/20	UPDATE TO 7TH ED. (2020)	FBC
SCALE:		2	10/16/17	UPDATE TO 6TH ED. (2017)	FBC
DWG. BY:		1	1/06/15	UPDATE TO 5th ED. (2014)	FBC
CHK. BY:		NO.	DATE	REVISIONS	
DRAWING NO.:					
SHEET		2	OF	8	

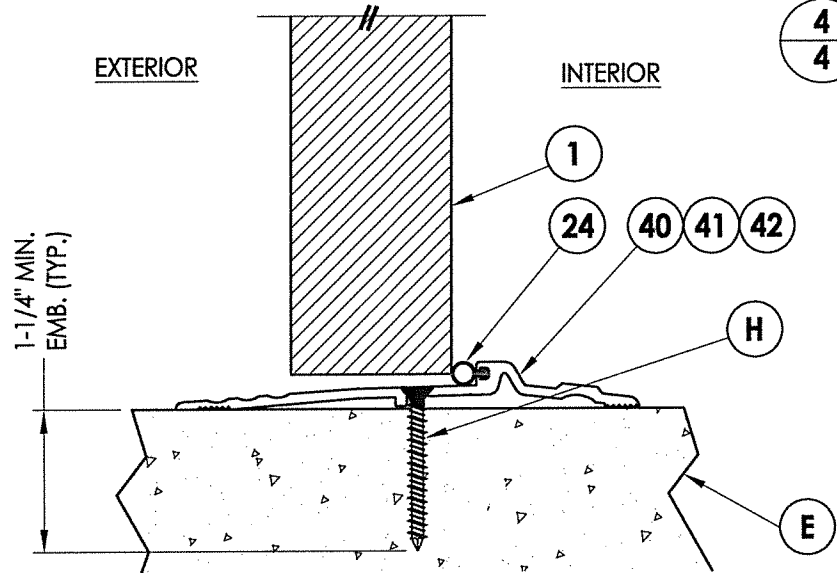
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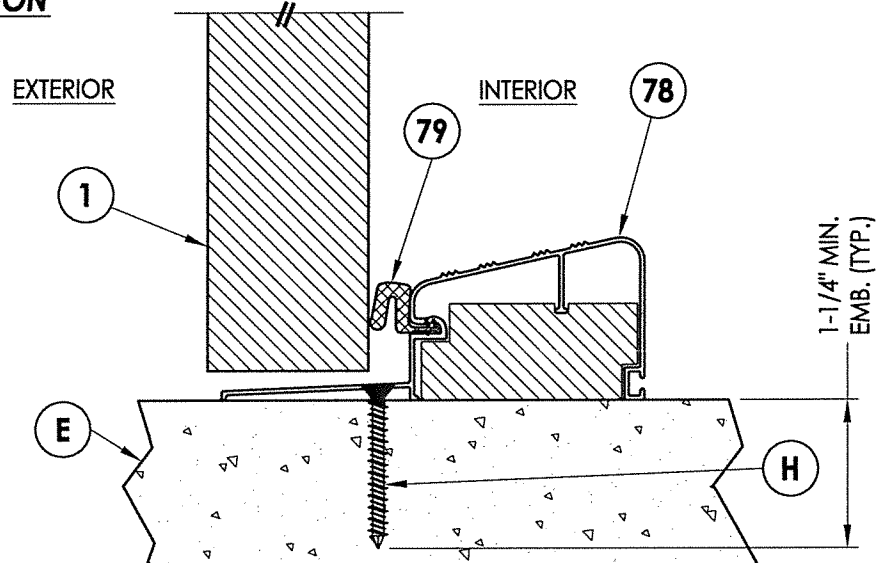
1
4 **VERTICAL CROSS SECTION**
See general notes, sheet 1
for "HVHZ" water infiltration
requirements



4
4 **HORIZONTAL CROSS SECTION**



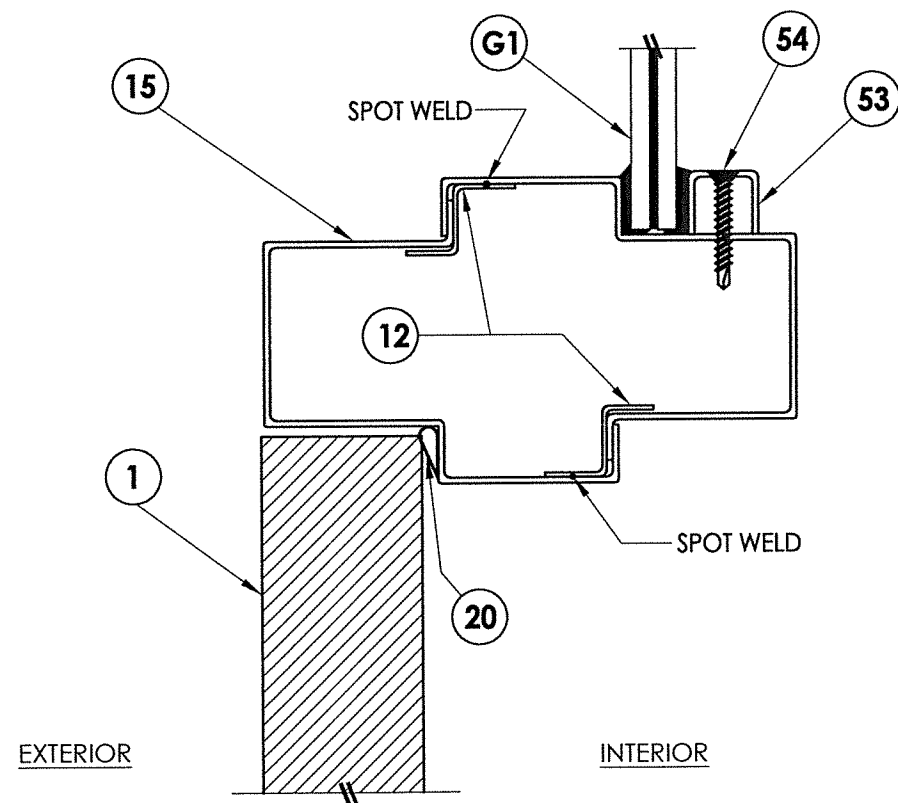
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4 **VERTICAL CROSS SECTION**
See general notes, sheet 1
for "HVHZ" water infiltration
requirements



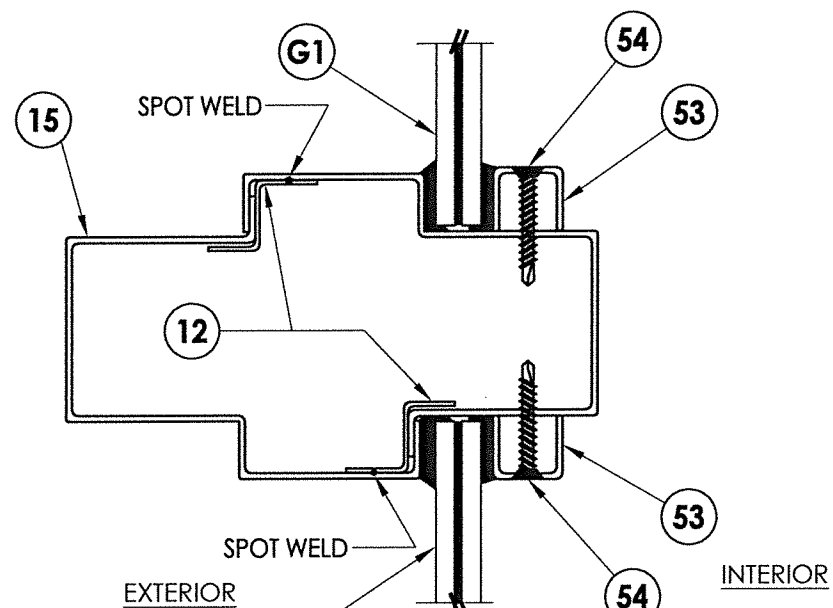
3
4 **VERTICAL CROSS SECTION**
See general notes, sheet 1
for "HVHZ" water infiltration
requirements

October 6, 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: HORIZONTAL AND VERTICAL CROSS SECTIONS	
REVISIONS	
NO.	DATE
3	10/05/20
2	10/16/17
1	1/06/15
DATE: 7/17/13	
SCALE: N.T.S.	
DWG. BY: JK	
CHK. BY: LFS	
DRAWING NO.: FL-16494.13	
SHEET 4 OF 8	

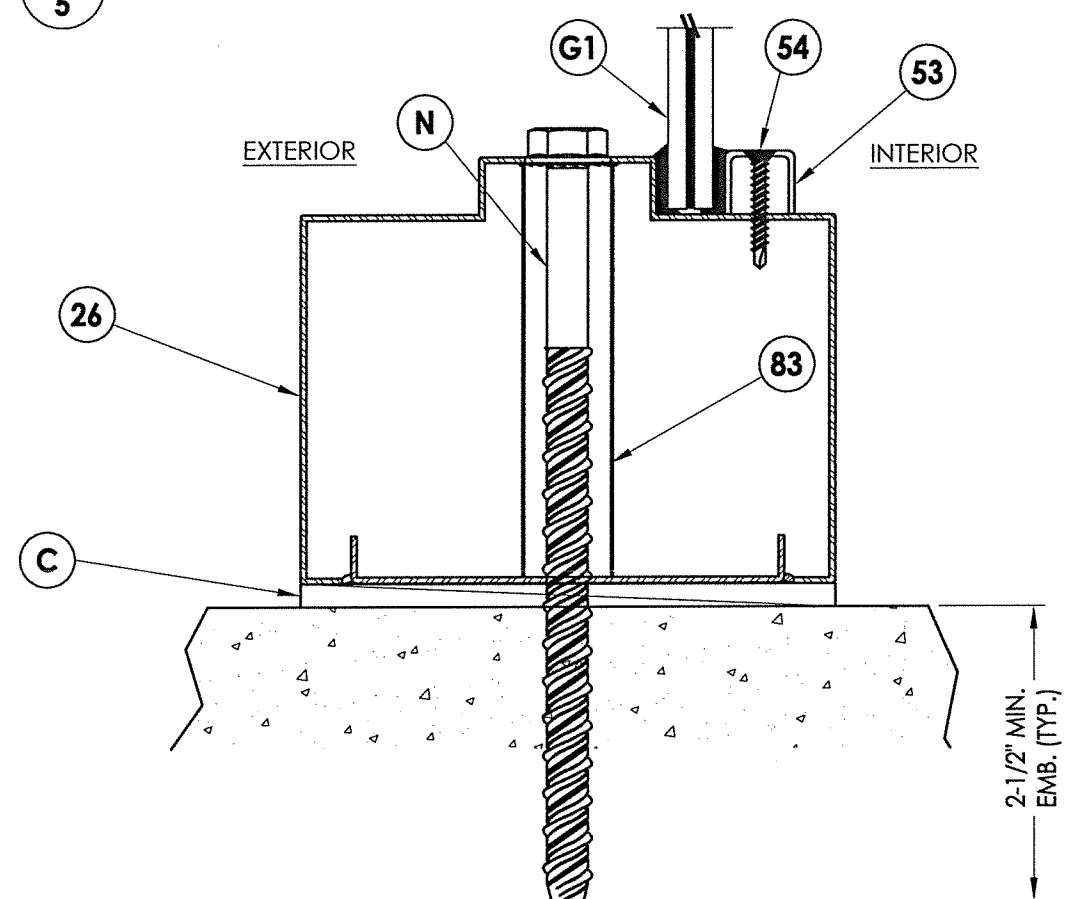
1 **VERTICAL CROSS SECTION**
5



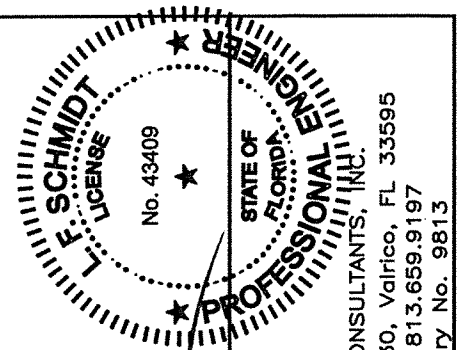
4 VERTICAL CROSS SECTION



2 VERTICAL CROSS SECTION
5



3 VERTICAL CROSS SECTION
5



October 6, 2020

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



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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

3	10/05/20	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
REVISIONS					

DATE: 7/17/13

SCALE: N.T.S.

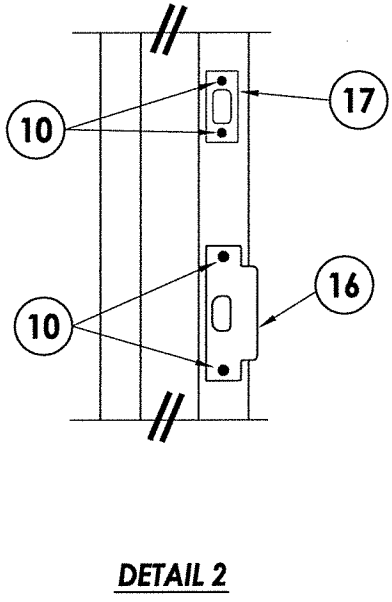
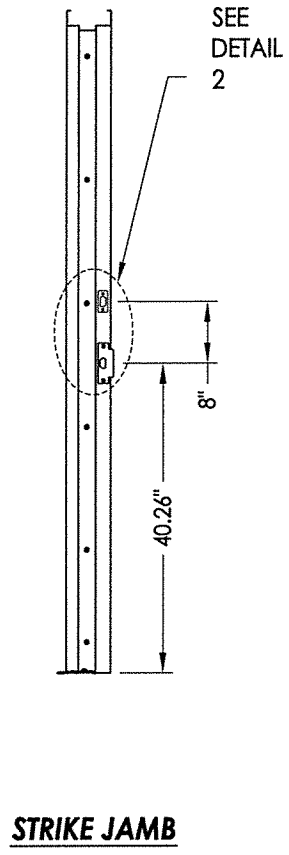
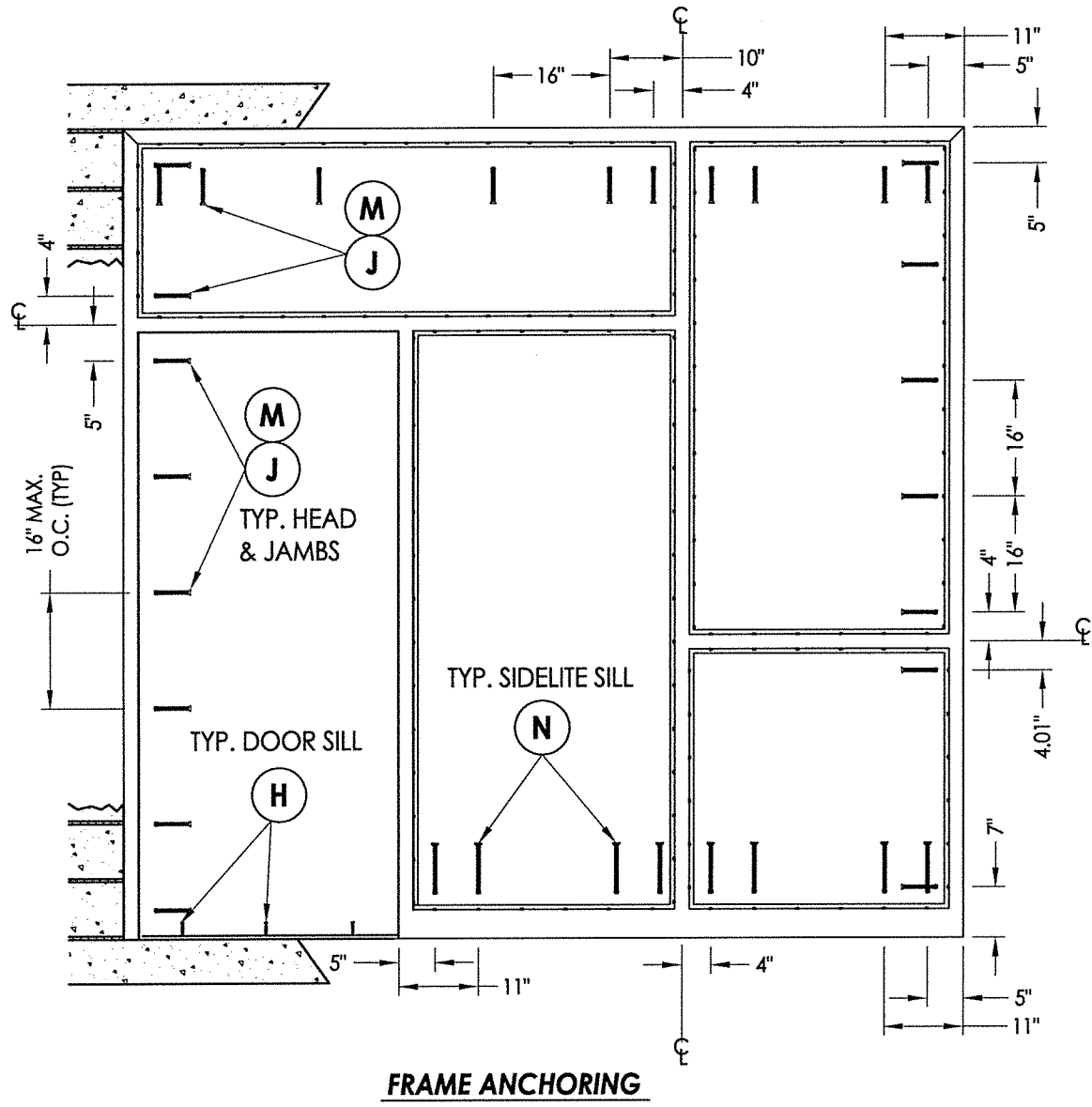
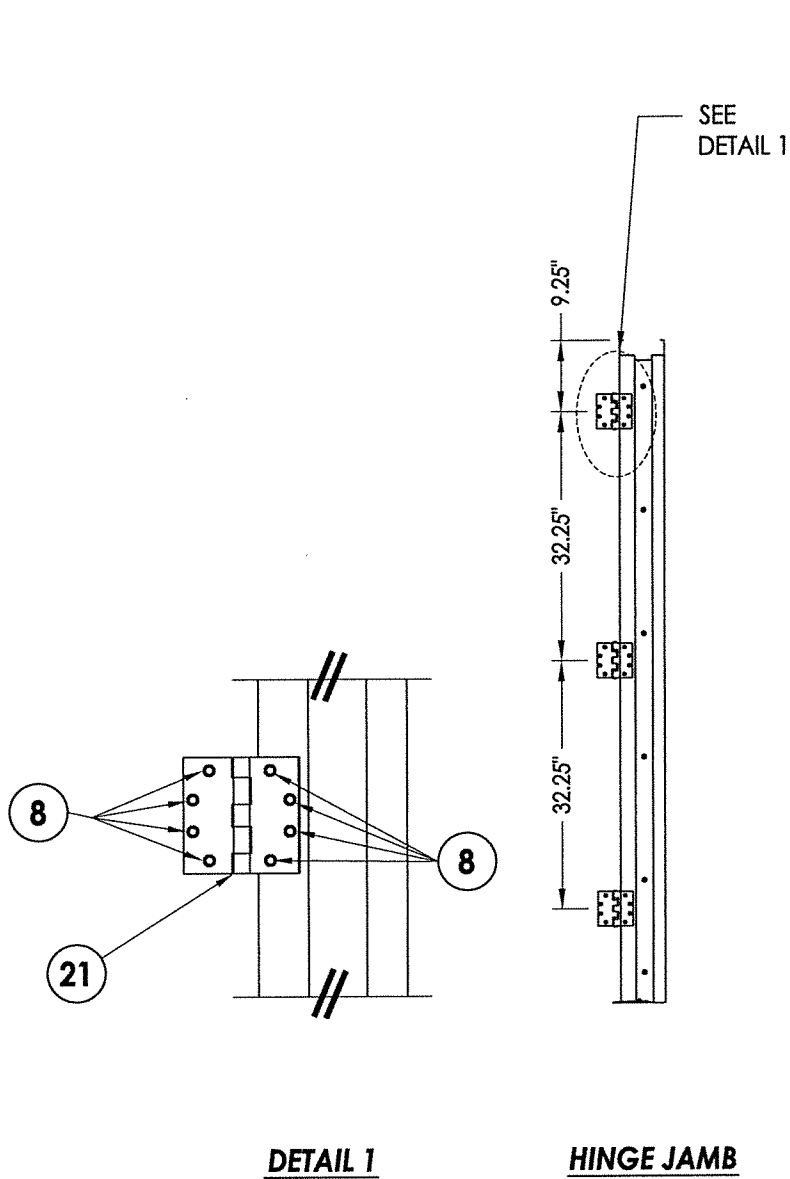
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-16494.13

SHEET 5 OF 8

R:\Clients\Megamet PERMANENT\A - Florida Product Approvals\FL-16494\C - Drawings\FL-16494 (2020)\FL-16494.1-13.dwg, 6.13



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"
SCREW-BOLT+™	1/2"	2-1/2"	6"	6"

FL SCHMIDT
LICENSE
No. 43409
★

STATE OF
FLORIDA
★

PROFESSIONAL ENGINEER

October 6, 2020

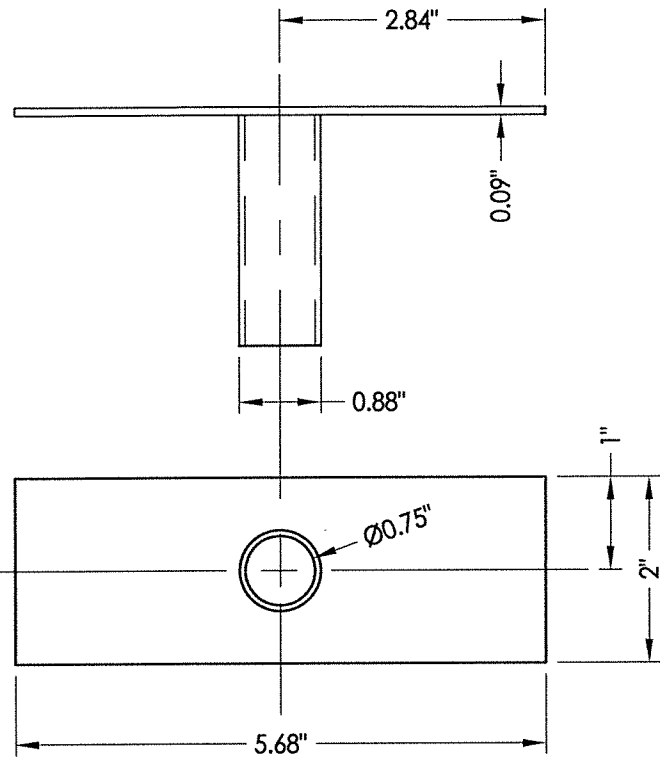
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

RW

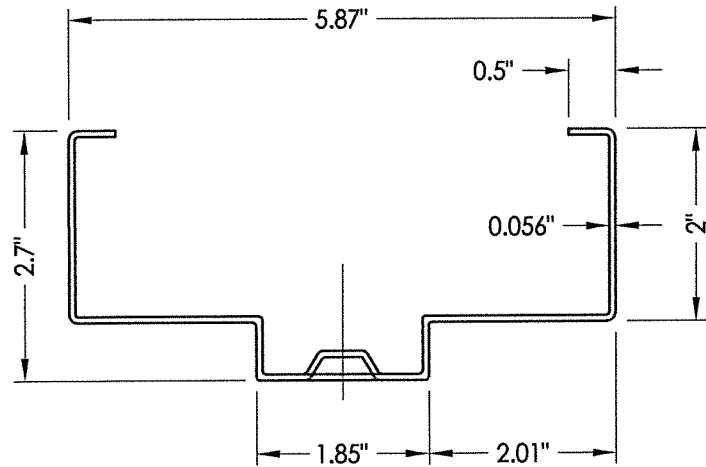
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:		MEGAMET INDUSTRIES, INC.		PART OR ASSEMBLY:		ANCHORING DETAILS	
		"D" STEEL DOOR					

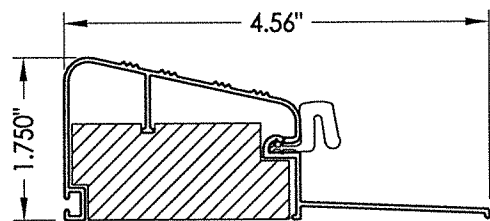
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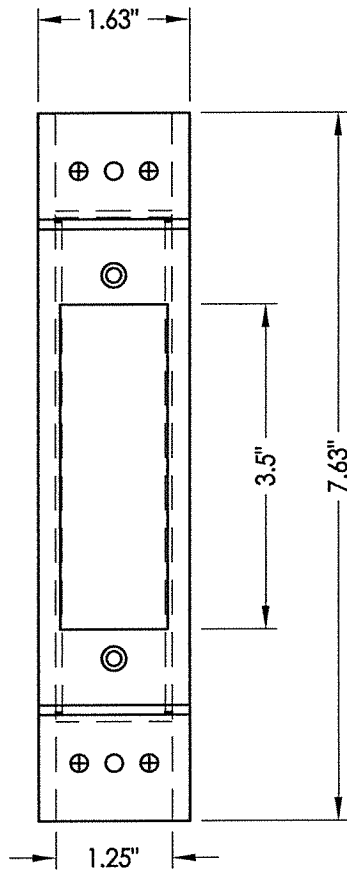
9 TUBE ANCHOR



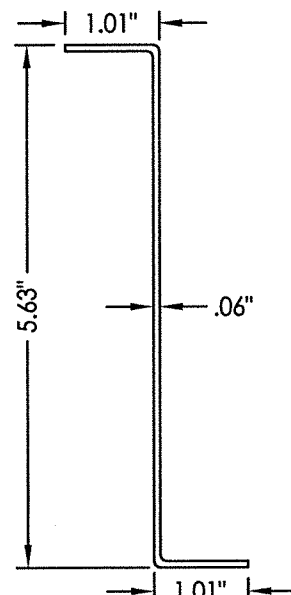
25 HOLLOW METAL FRAME



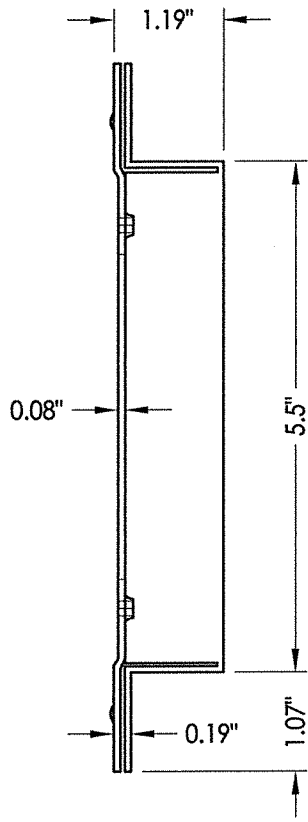
78 OUTSWING THRESHOLD



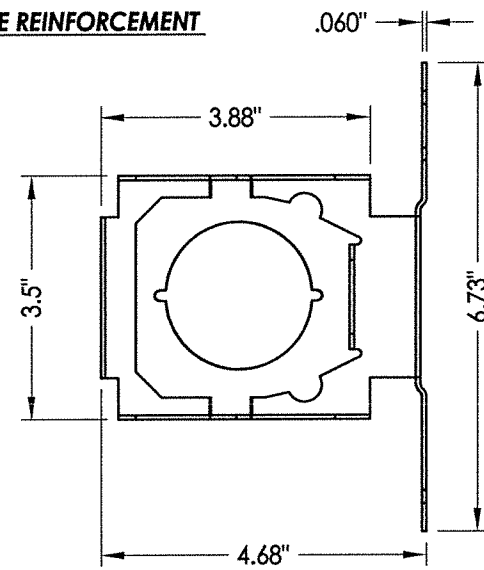
27 LATCH STRIKE REINFORCEMENT



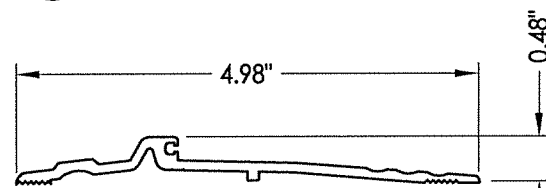
84 MULLION REINFORCEMENT



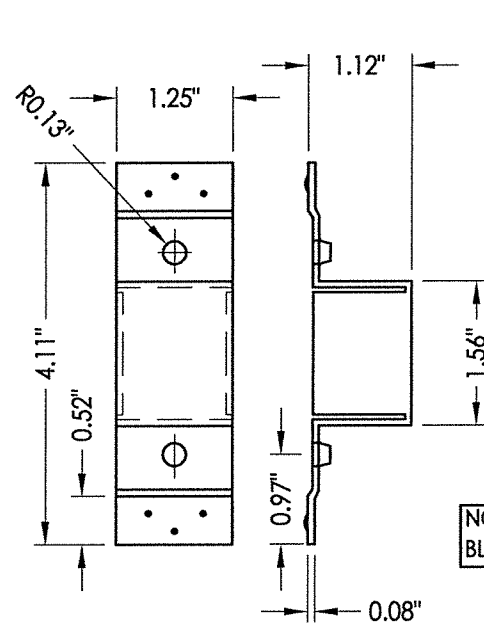
19 DEADBOLT STRIKE REINFORCEMENT



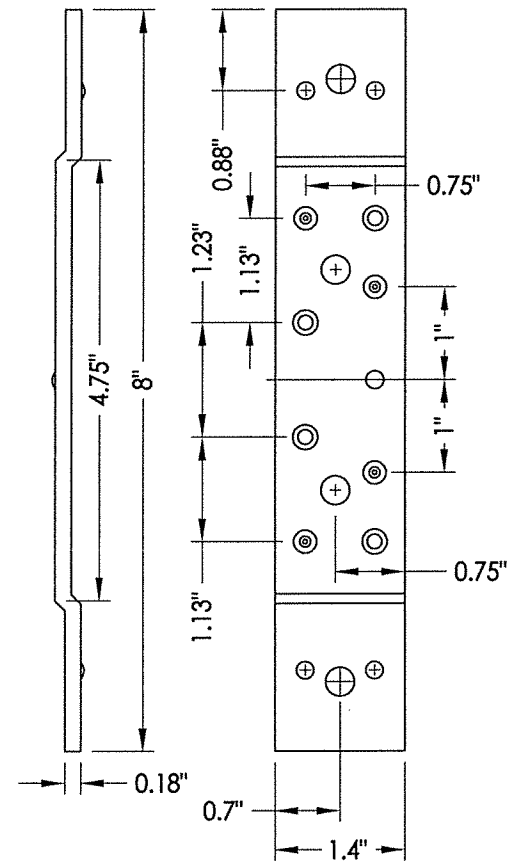
5 LOCK BOX REINFORCEMENT



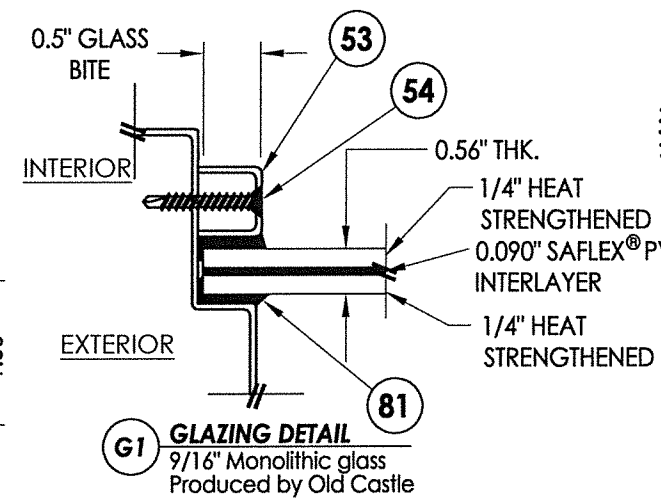
40 THRESHOLD



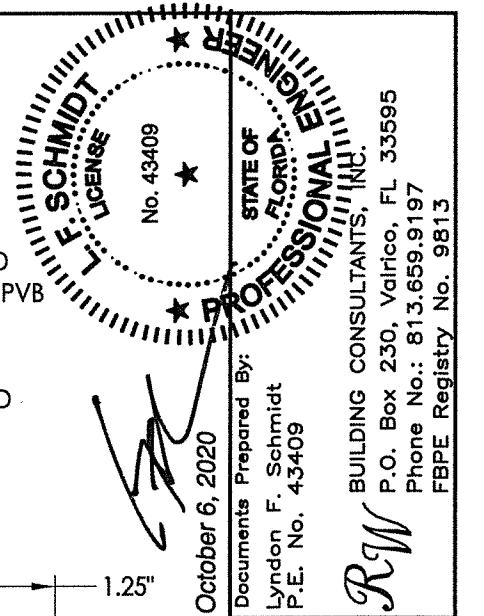
23 STANDARD (SHORT) DOOR HINGE
Reinforcement middle and bottom hinge



22 STANDARD (LONG) DOOR HINGE
Reinforcement top hinge



NOTE: GLAZING > 36" WIDE REQUIRES TWO (2) SETTING BLOCKS CONFORMING TO FBC SECTION 2411.3.3.1



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October 6, 2020
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FBPE Registry No. 9813

PRODUCT:
MEGAMET INDUSTRIES, INC.
"D" STEEL DOOR

PART OR ASSEMBLY:
GLAZING DETAIL
& COMPONENTS

NO.	DATE	REVISIONS	BY
3	10/05/20	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-16494.13
SHEET 7 OF 8

