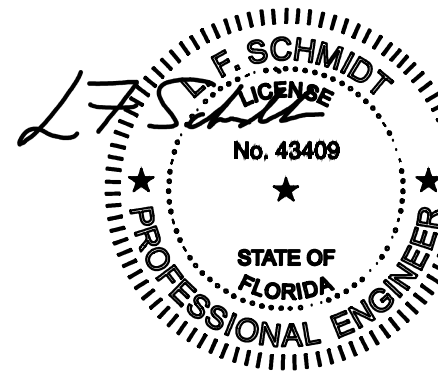


GENERAL NOTES

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 Section 1609.1.2 of the FBC.
4. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
5. The "N" door achieves a Class III stiffness classification per Section 8.2.2 of ANSI A250.13 (based on opaque door).

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevation, design pressures & general notes
2	Door panel details
3	Horizontal & vertical cross sections
4	Anchoring details
5	Components
6	Bill of materials, glazing detail & components

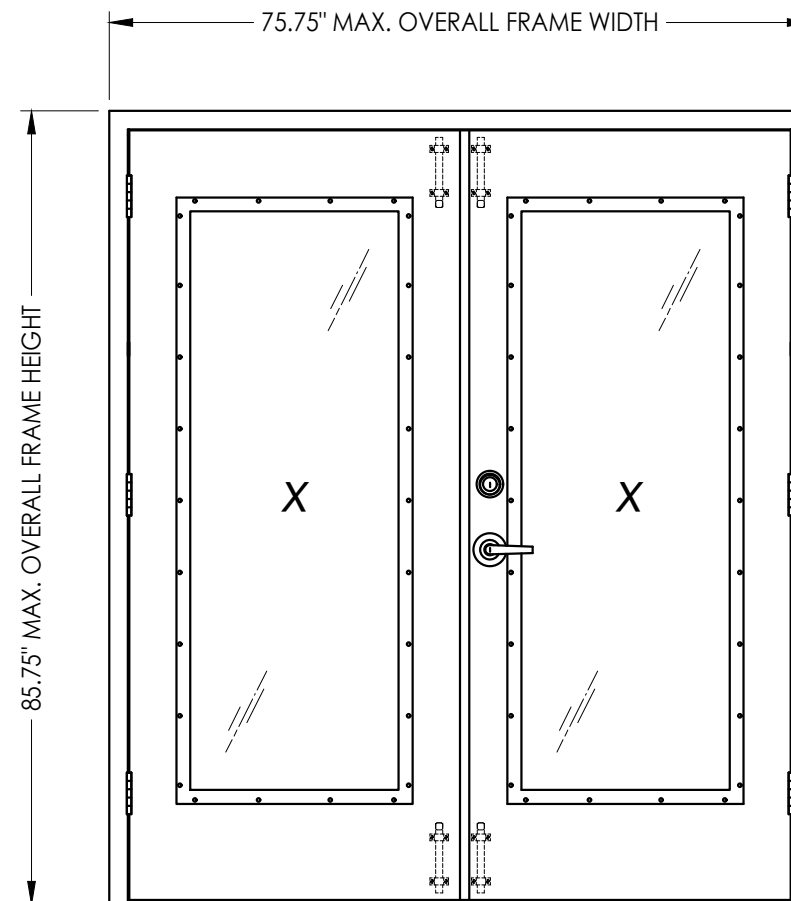


Digitally signed by Lyndon F Schmidt
Date: 2023.07.11 08:00:55 -04'00'

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



OVERALL FRAME DIMENSION	OVERALL D.L.O. DIMENSION	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
75.75" x 85.75"	22.50" x 62.50"	+65.0	-70.0

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

BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33486
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: METAL MANUFACTURING INDUSTRIES "N" STEEL DOOR

TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES[illegible]

DATE: 2/23/09

SCALE: N.T.S.

DWG. BY: AL

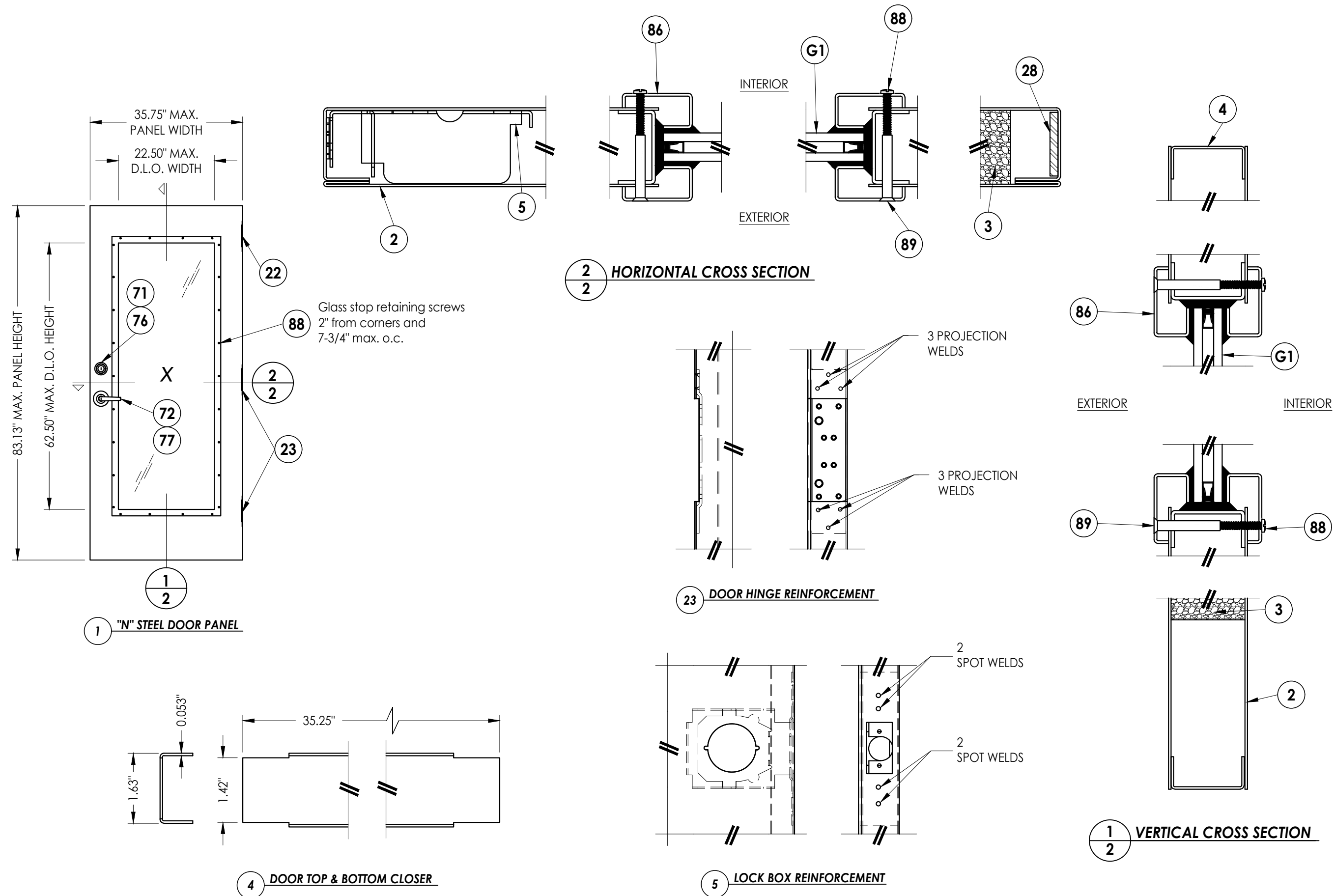
CHK. BY: LFS

DRAWING NO.:

FL-12166.4

SHEET 1 OF 6

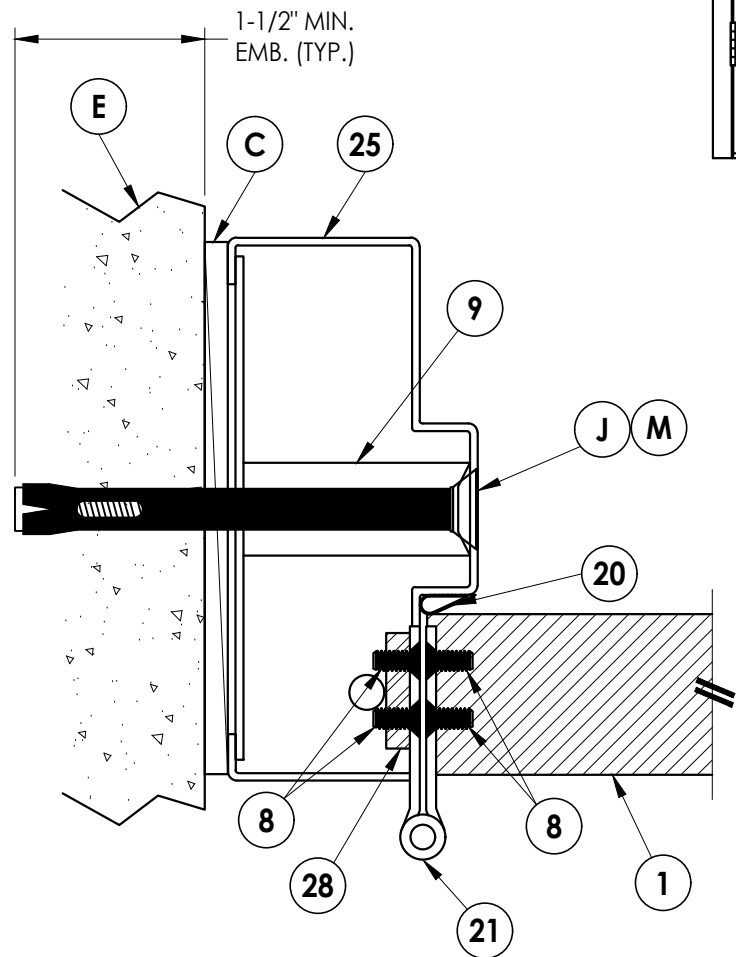
© 2009 K.W. BUILDING CONSULTANTS INC.



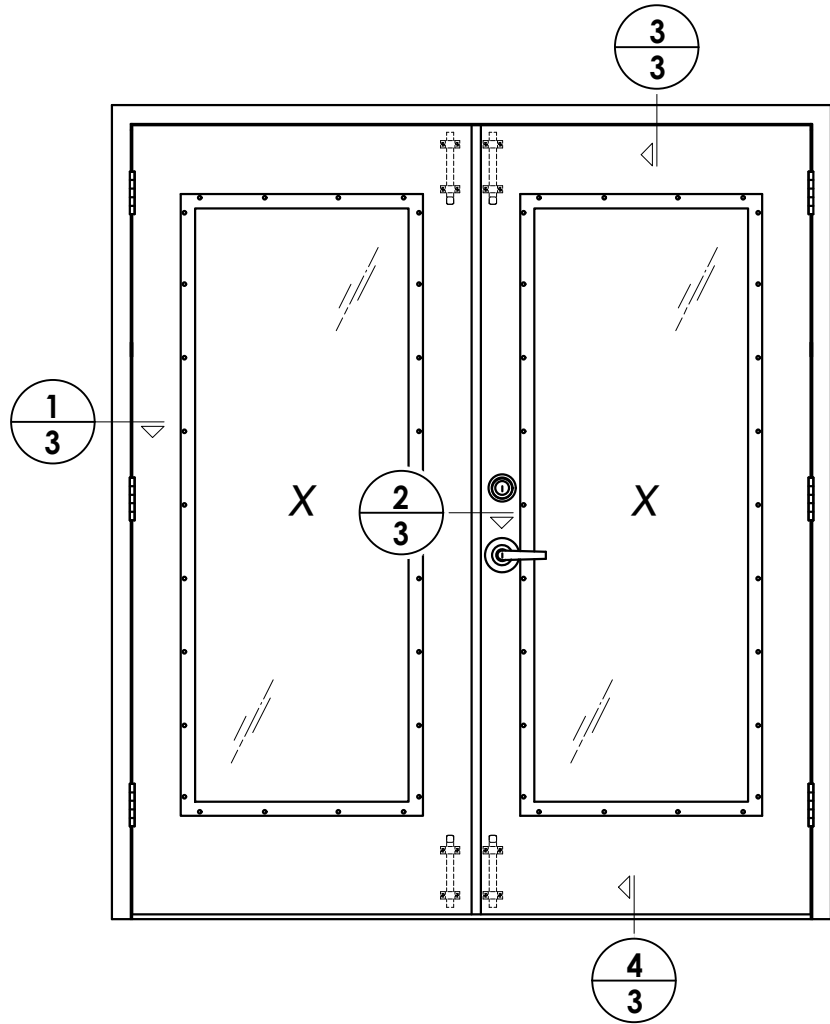
NOTE: ALL WELDING TO CONFORM w/ AMERICAN WELDING SOCIETY, ANSI/AWS AS PER FBC SECTION 2214.3.4.

DATE: 2/23/09		PRODUCT: METAL MANUFACTURING INDUSTRIES "N" STEEL DOOR		DOCUMENTS PREPARED BY: Lyndon F. Schmidt P.E. No. 43409	
SCALE: N.T.S.		PART OR ASSEMBLY: DOOR PANEL DETAILS		 BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
DWG. BY: AL					
CHK. BY: LFS					
DRAWING NO.: FL-12166.4					
SHEET 2 OF 6					
		REVISIONS			
NO.	DATE				
4	7/11/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	7/30/20	UPDATE TO 7TH ED. (2020)	FBC	DAC	
2	7/19/17	UPDATE TO 6TH ED. (2017)	FBC	LFS	
1	10/14/16	UPDATE TO 5TH ED. (2014)	FBC	JK	
				BY	

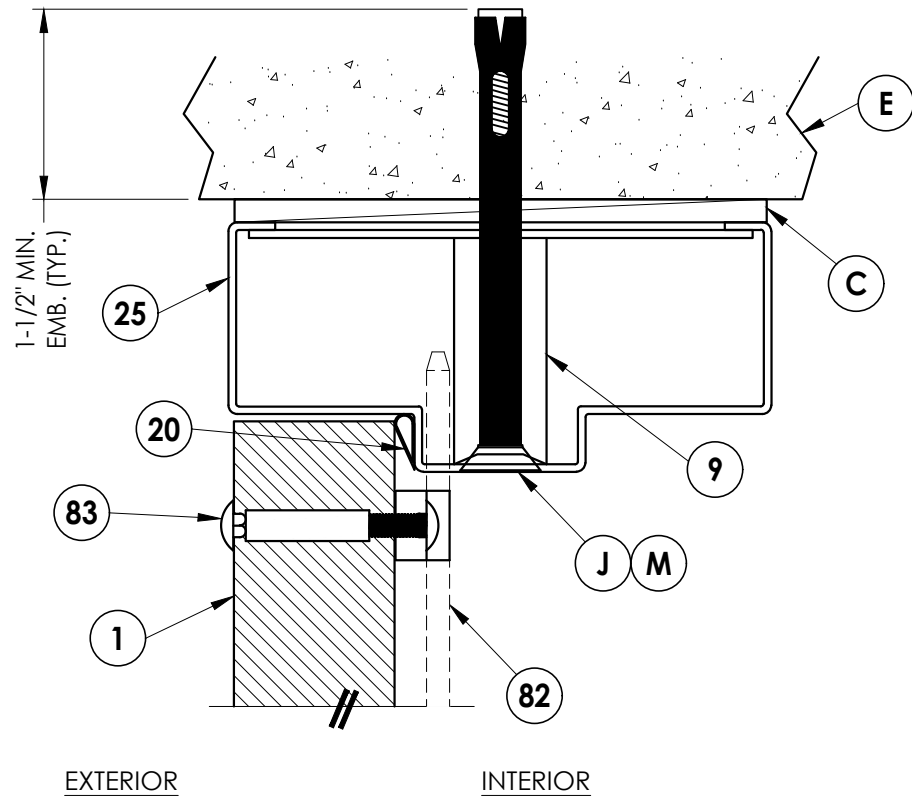
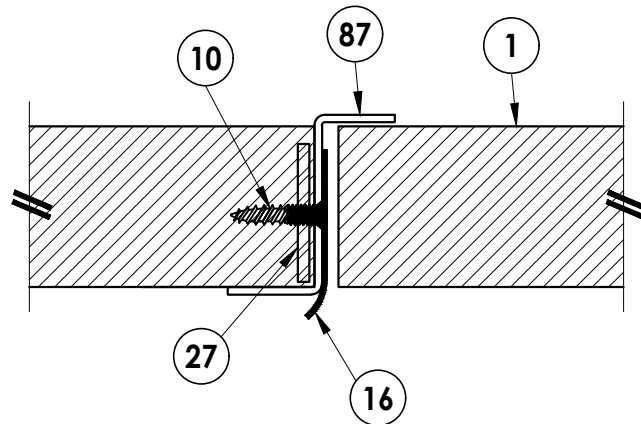
Z:\2023 FBC Drawings\Metal Mfg Industries\FL-12166 R4\FL-12166.1-9.dwg



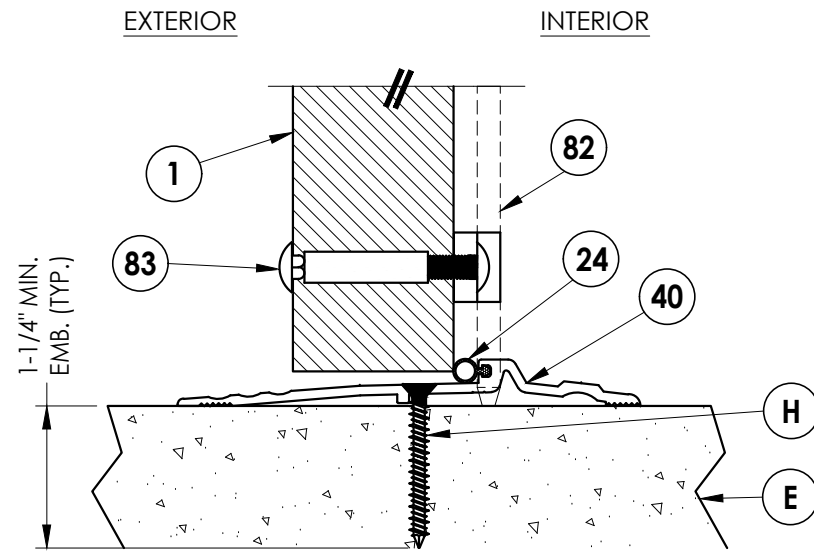
1
3 HORIZONTAL CROSS SECTION



2
3 HORIZONTAL CROSS SECTION



3
3 VERTICAL CROSS SECTION

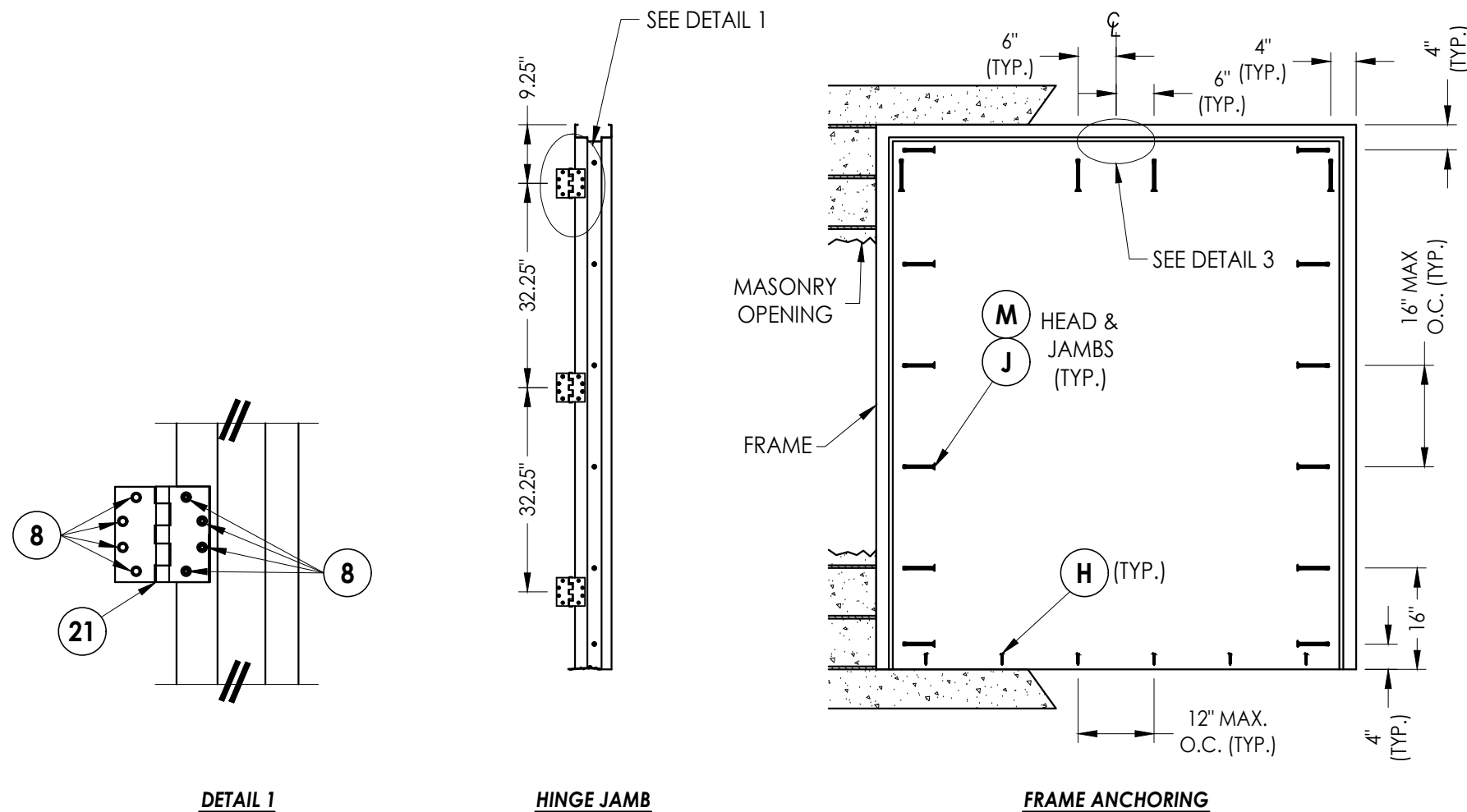


4
3 VERTICAL CROSS SECTION

DATE:		2/23/09	
SCALE:		N.T.S.	
DWG. BY:		AL	
CHK. BY:		LFS	
DRAWING NO.:		FL-12166.4	
SHEET		3 OF 6	

PRODUCT:		METAL MANUFACTURING INDUSTRIES "N" STEEL DOOR	
PART OR ASSEMBLY:		HORIZONTAL & VERTICAL CROSS SECTIONS	

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	

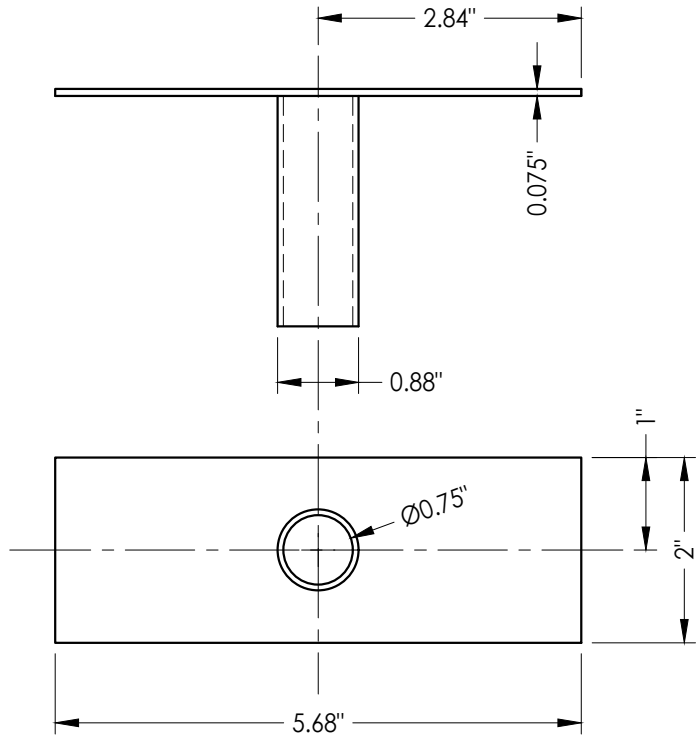


4. Embedment may be through 1-1/4" face shell of hollow block.

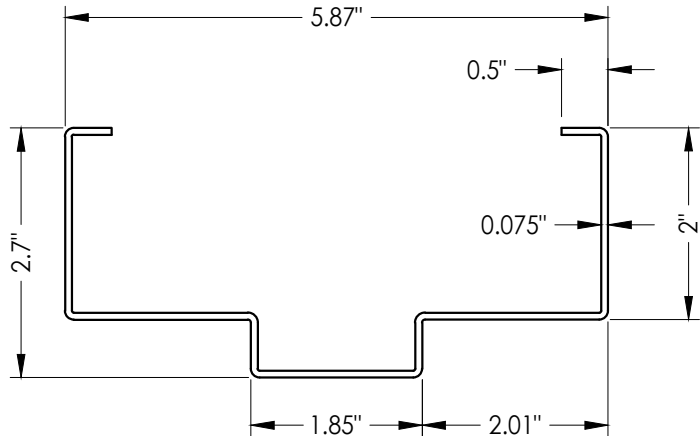
DATE:	2/23/09
SCALE:	N.T.S.
DWG. BY:	AL
CHK. BY:	LFS
DRAWING NO.:	FL-12166.4
SHEET	4 OF 6

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

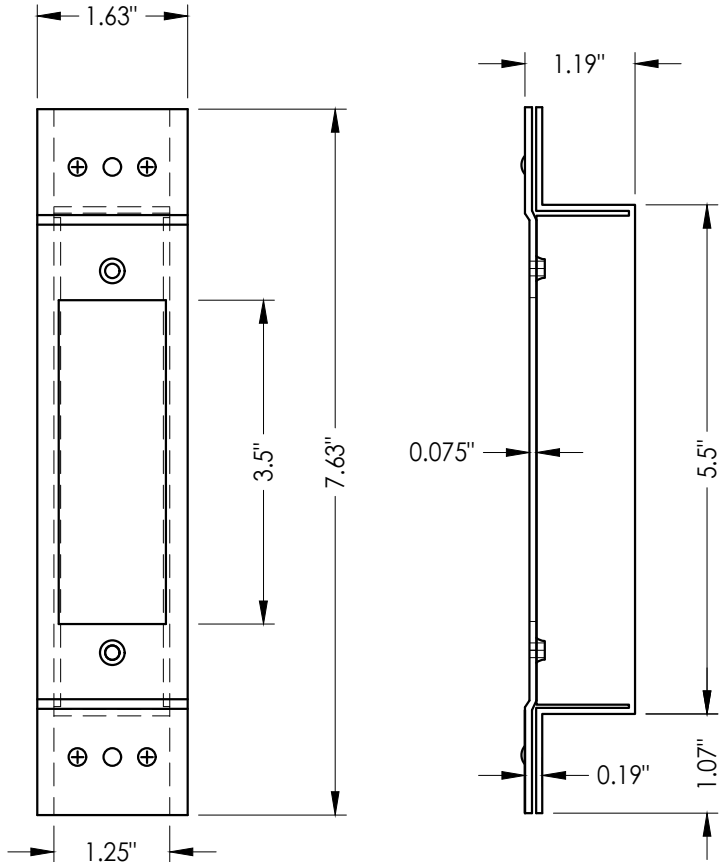
Z:\2023 FBC Drawings\Metal Mfg Industries\FL-12166 R4\FL-12166.1-9.dwg



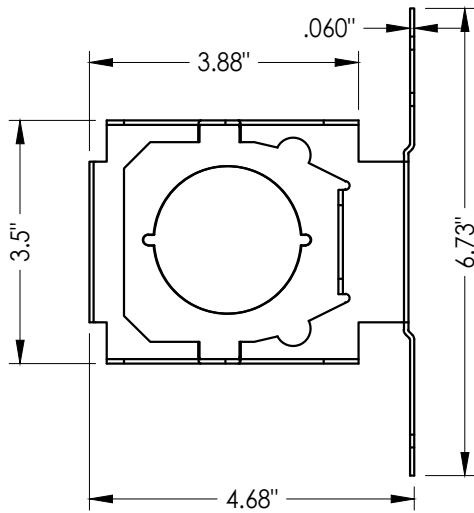
9 TUBE ANCHOR



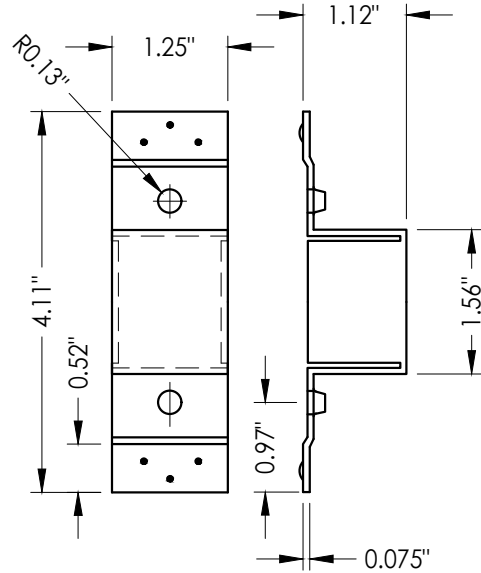
25 HOLLOW METAL FRAME



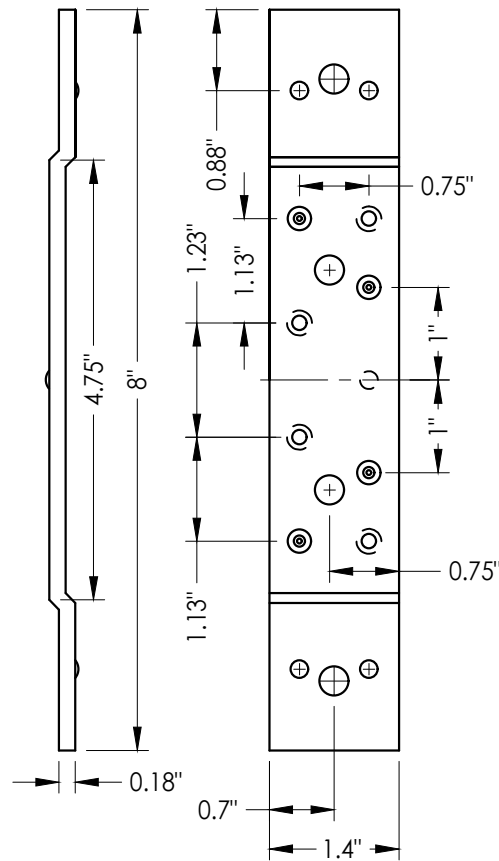
27 LATCH STRIKE REINFORCEMENT



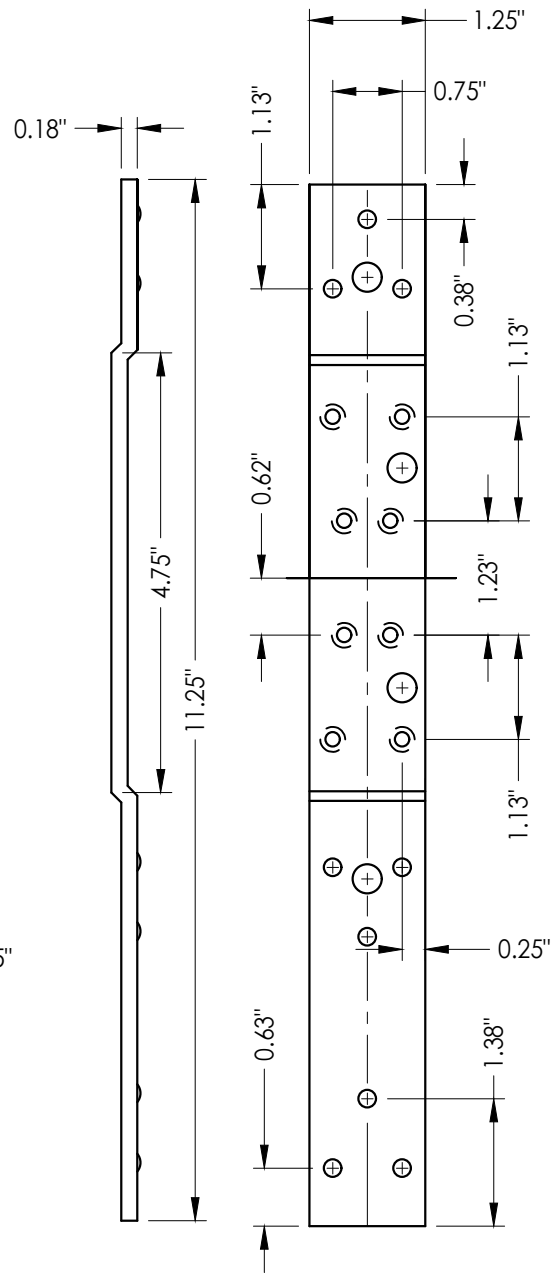
5 LOCK BOX REINFORCEMENT



19 DEADBOLT STRIKE REINFORCEMENT



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



22 STANDARD (LONG) DOOR HINGE
Reinforcement top hinge

DATE:		2/23/09
SCALE:		N.T.S.
DWG. BY:		AL
CHK. BY:		LFS
DRAWING NO.:		FL-12166.4
SHEET		5 OF 6

PRODUCT:		METAL MANUFACTURING INDUSTRIES "N" STEEL DOOR
PART OR ASSEMBLY:		COMPONENTS

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

