



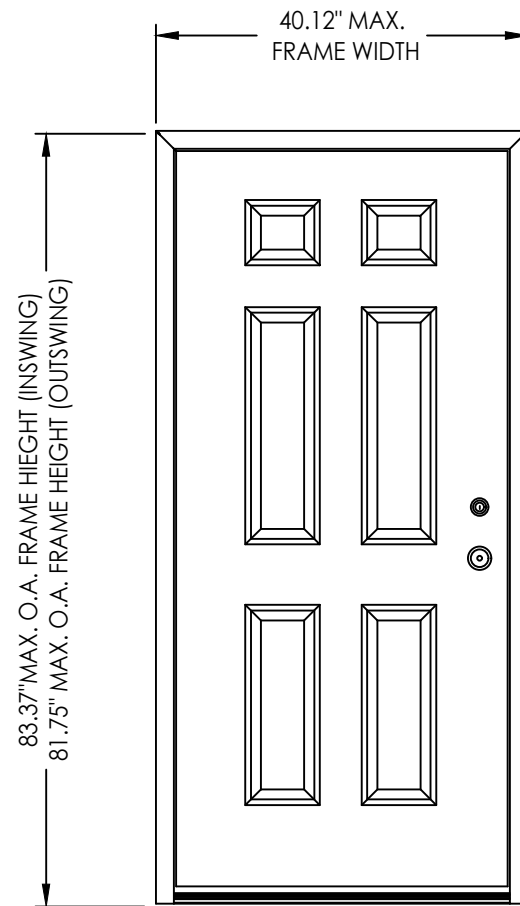
868 MURRAY ROAD, DOTHAN, AL 36303

"REDIFRAME PD"
HOLLOW METAL FRAME
INSWING / 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.

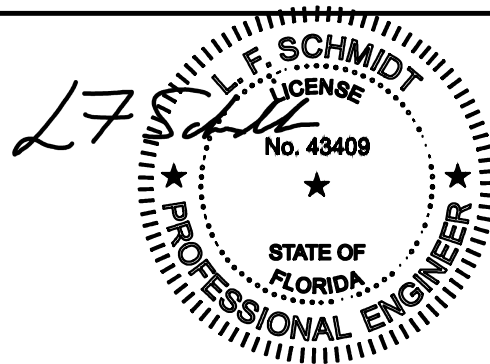
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SHEET #	DESCRIPTION
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2	DOOR PANEL DETAILS (Plastpro fiberglass door)
3	DOOR PANEL DETAILS (Taylor steel door)
4	DOOR PANEL DETAILS (JELD-WEN steel door)
5	DOOR PANEL DETAILS (Masonite steel door)
6	HORIZONTAL AND VERTICAL CROSS SECTIONS
7	FRAME ANCHORING
8	BILL OF MATERIALS & COMPONENTS



Digitally signed by Lyndon F Schmidt
Date: 2023.07.19 11:12:49 -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
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THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA



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

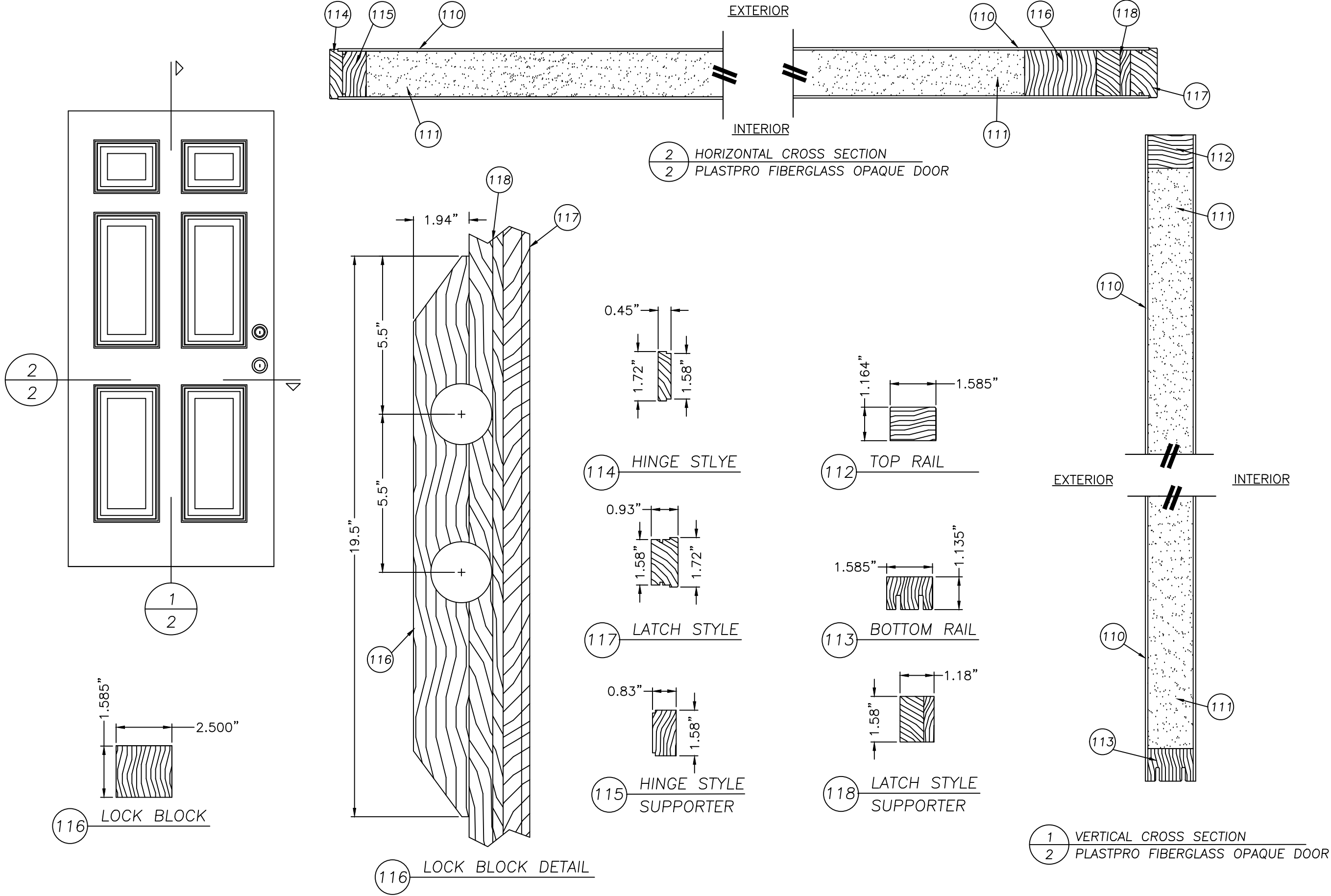
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Vairco, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: DUNBARTON
FIBERGLASS AND STEEL DOORS
IN A HOLLOW METAL FRAME
PART OR ASSEMBLY:
TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

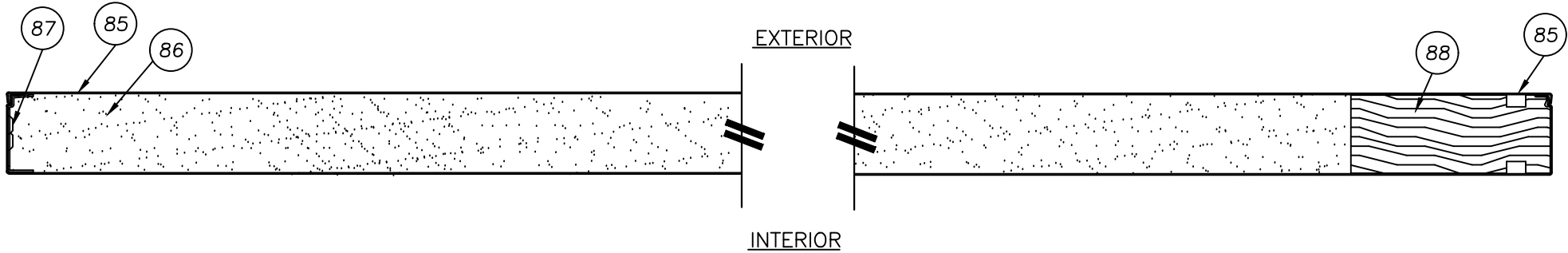
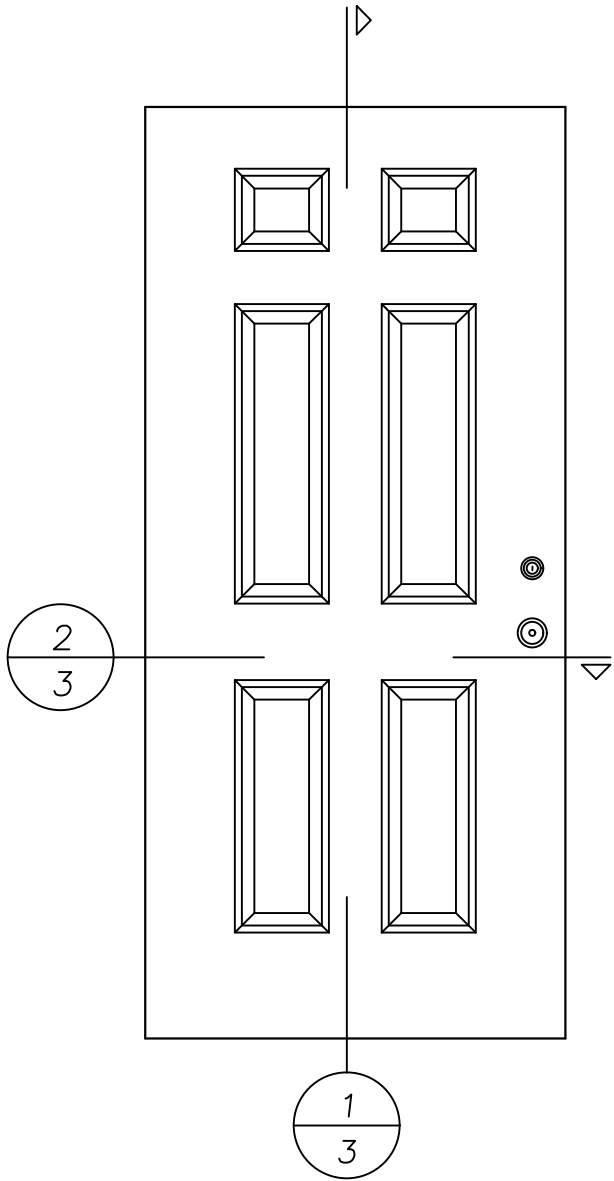
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4	UPDATE TO 7TH ED. (2020) FBC	LFS						
3	UPDATE TO 6TH ED. (2017) FBC	LFS						
2	UPDATE TO 5TH ED. (2014) FBC	JK						
1	REVISE TO 2010 FBC	JK						

DATE: 2/14/08
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-9231.1
SHEET 1 OF 8

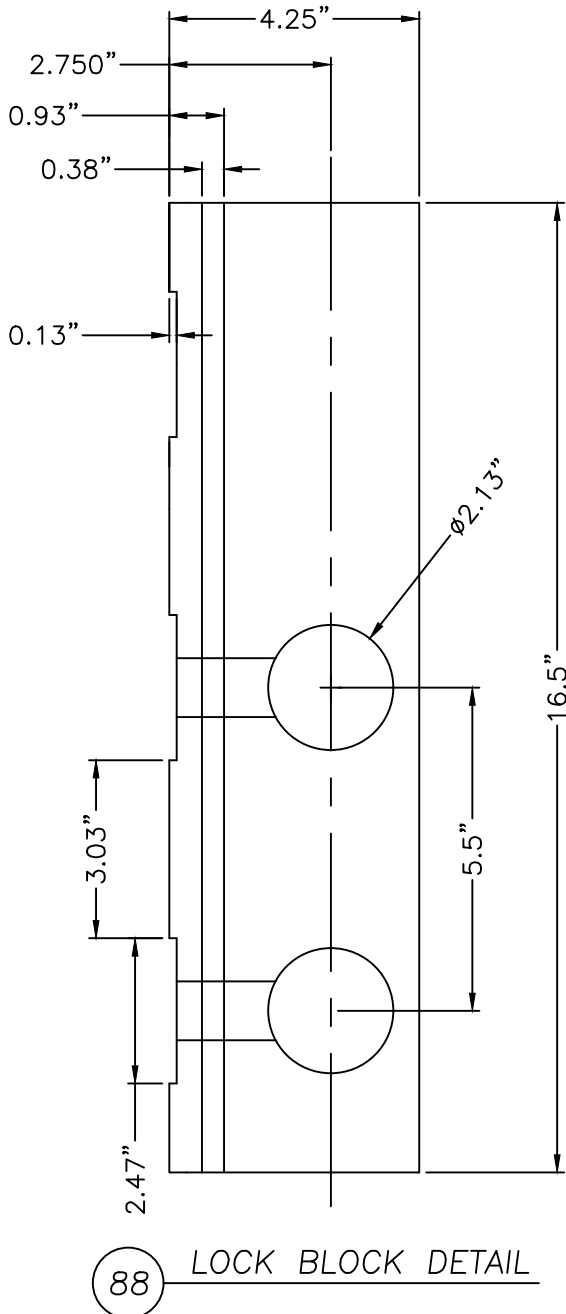
DOOR TYPE	OVERALL FRAME DIMENSION		DESIGN PRESSURE (PSF)			
			INSWING		OUTSWING	
	INSWING	OUTSWING	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
PLASTPRO FIBERGLASS DOOR	40.12" x 83.37"	40.12" x 81.75"	+65.0	-70.0	+65.0	-70.0
TAYLOR STEEL DOOR	40.12" x 83.37"	40.12" x 81.75"	+50.0	-50.0	+50.0	-50.0
JELD-WEN STEEL DOOR	40.12" x 83.37"	40.12" x 81.75"	+65.0	-65.0	+65.0	-70.0
MASONITE STEEL DOOR	40.12" x 83.37"	40.12" x 81.75"	+65.0	-70.0	+65.0	-65.0



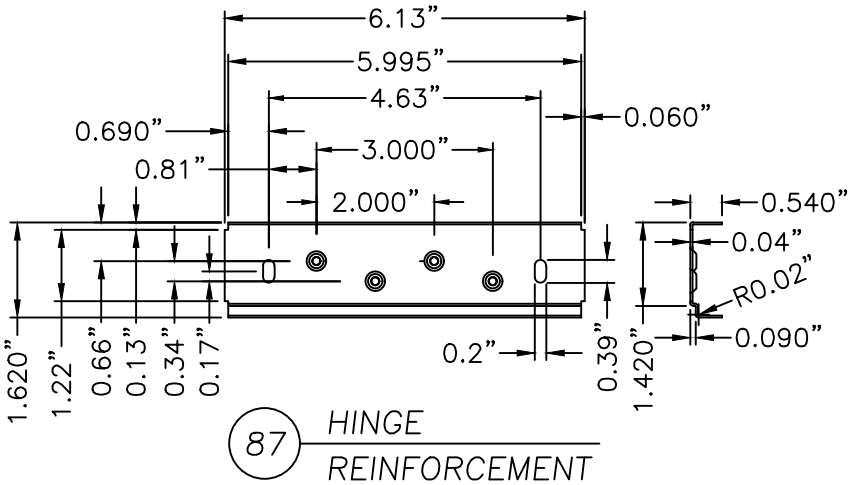
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		DUNBARTON FIBERGLASS & STEEL DOORS IN A HOLLOW METAL FRAME		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT:		PART OR ASSEMBLY:		DOOR PANEL DETAILS (PLASTPRO FIBERGLASS DOOR)	
5	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
4	8/11/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
3	9/2/17	UPDATE TO 6TH ED. (2017)	FBC	LFS	
2	3/18/15	UPDATE TO 5TH ED. (2014)	FBC	JK	
1	10/17/12	REVISE TO 2010 FBC		JK	
	NO.	DATE		BY	
REVISIONS					
DATE: 2/14/08					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-9231.1					
SHEET 2 OF 8					



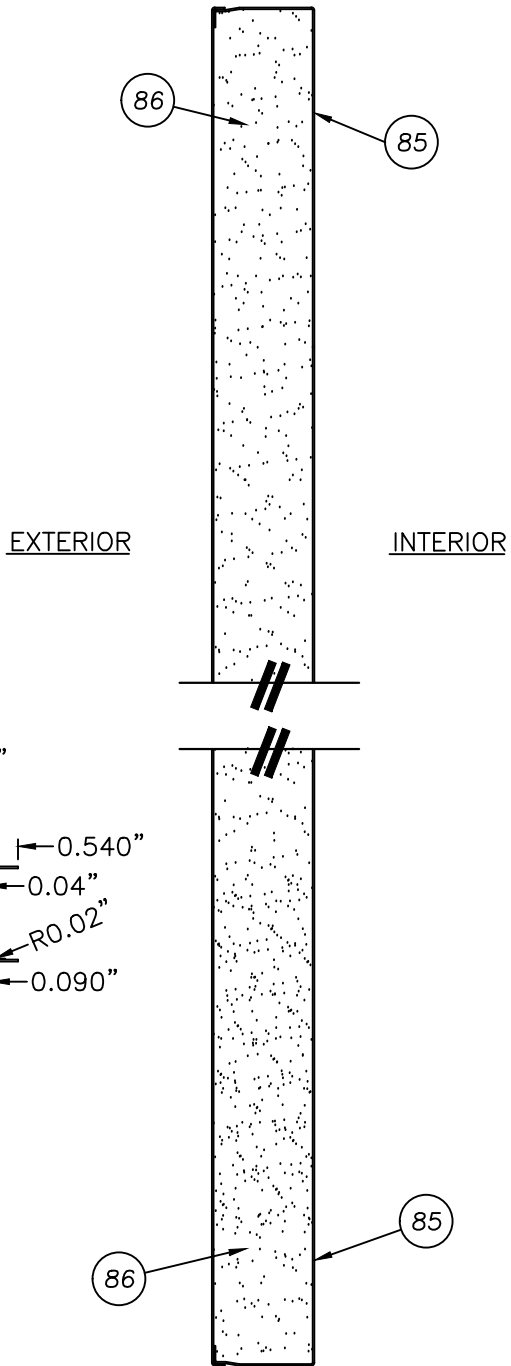
2 HORIZONTAL CROSS SECTION
3 TAYLOR STEEL OPAQUE DOOR



88 LOCK BLOCK DETAIL



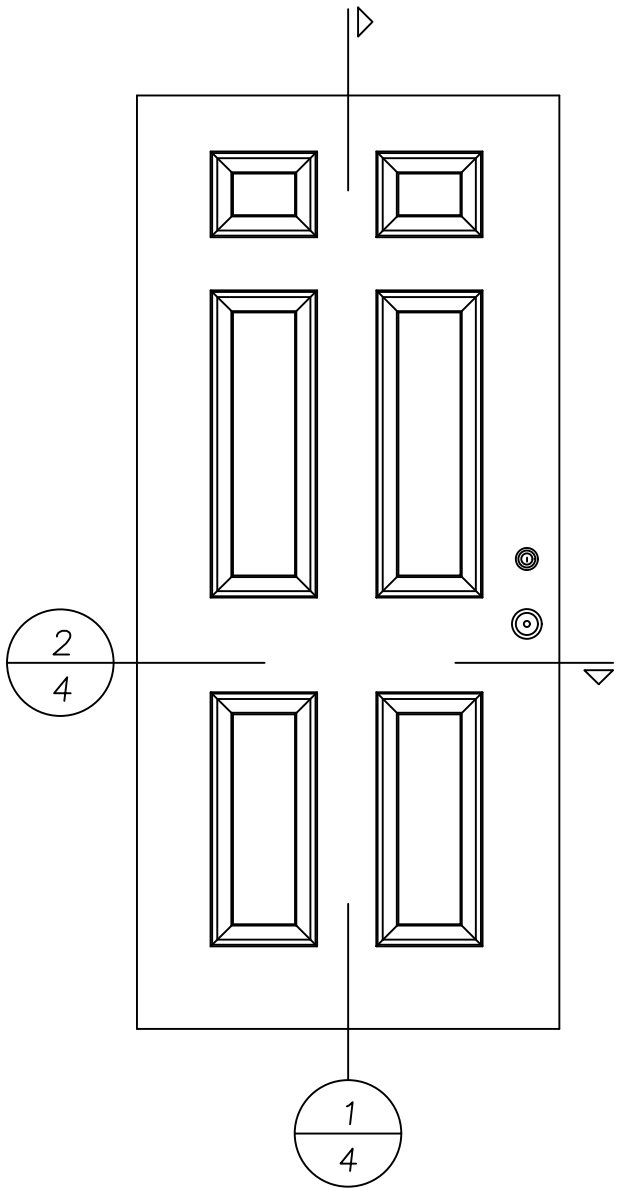
87 HINGE
REINFORCEMENT



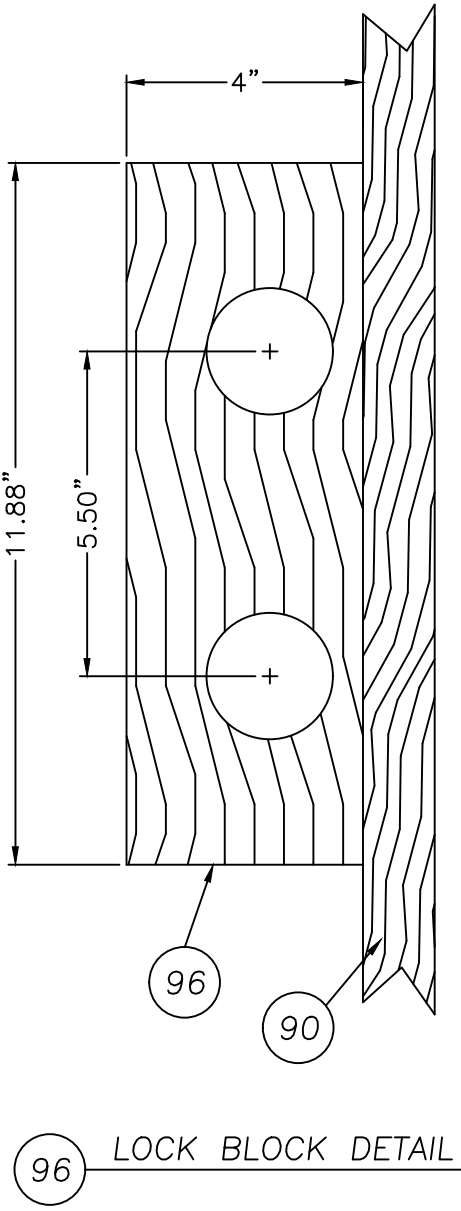
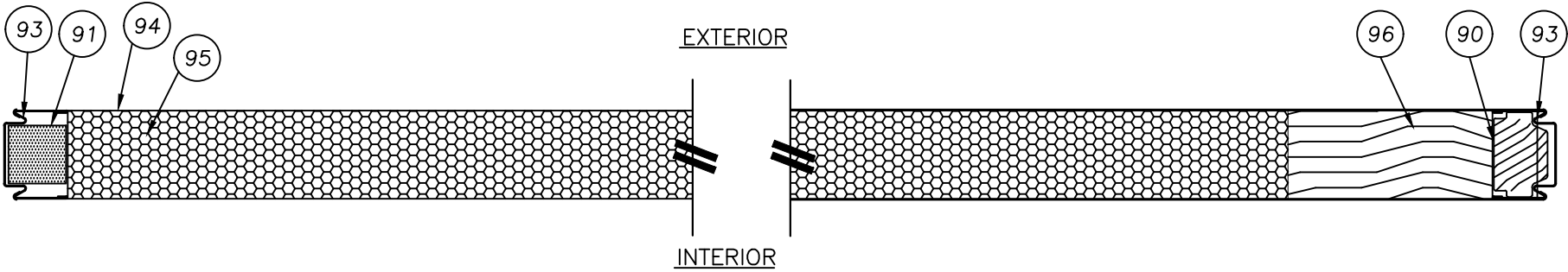
1 VERTICAL CROSS SECTION
3 TAYLOR STEEL OPAQUE DOOR

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PRODUCT: DUNBARTON FIBERGLASS & STEEL DOORS IN A HOLLOW METAL FRAME				PART OR ASSEMBLY: DOOR PANEL DETAILS (TAYLOR STEEL DOOR)			
				7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
5				8/11/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
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3				3/18/15	UPDATE TO 5TH ED. (2014)	FBC	JK
2				10/17/12	REVISE TO 2010 FBC		JK
1							BY
NO.				DATE		REVISIONS	
DATE: 2/14/08							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-9231.1							
SHEET 3 OF 8							

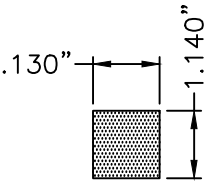
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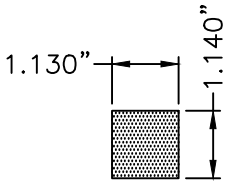
2
4 HORIZONTAL CROSS SECTION
JELD-WEN STEEL OPAQUE DOOR



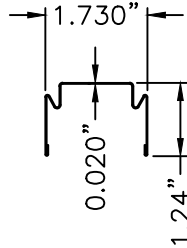
90 LATCH STILE
REINFORCEMENT



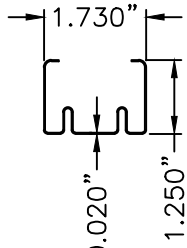
91 HINGE STILE
REINFORCEMENT



93 HINGE / LATCH STILE
& TOP RAIL

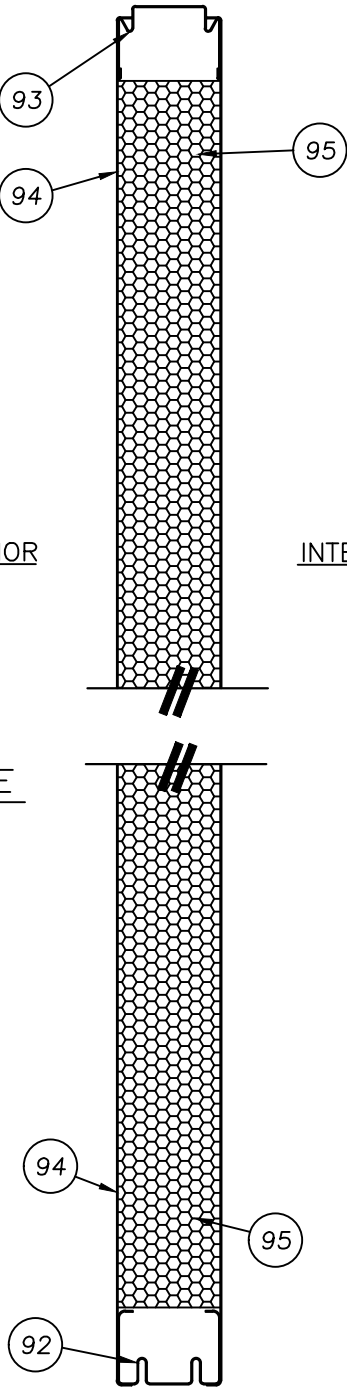


92 BOTTOM RAIL



EXTERIOR

INTERIOR



1
4 VERTICAL CROSS SECTION
JELD-WEN STEEL OPAQUE DOOR

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2	3/18/15	UPDATE TO 5TH ED. (2014) FBC
1	10/17/12	REVISE TO 2010 FBC
		BY JK

DATE: 2/14/08

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-9231.1

SHEET 4 OF 8

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PRODUCT: DUNBARTON
FIBERGLASS & STEEL DOORS
IN A HOLLOW METAL FRAME

PART OR ASSEMBLY:

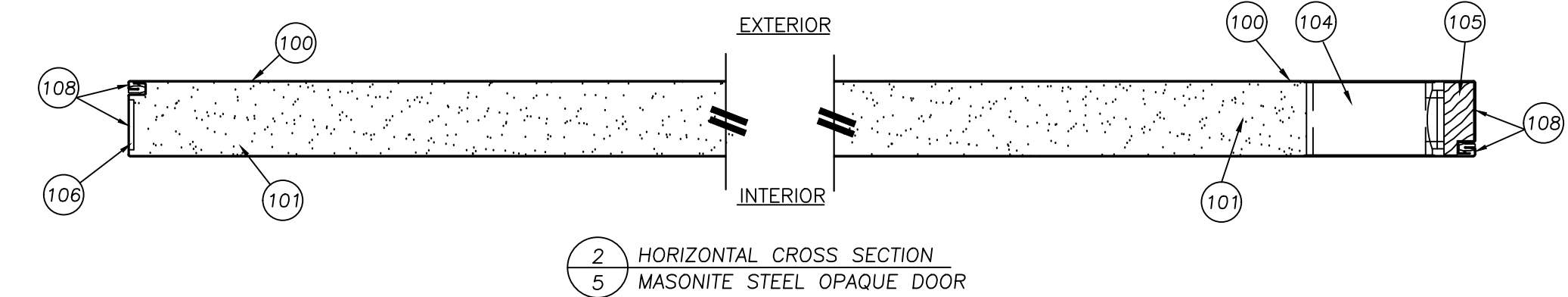
DOOR PANEL DETAILS
(JELD-WEN STEEL DOOR)

RW BUILDING CONSULTANTS, INC.

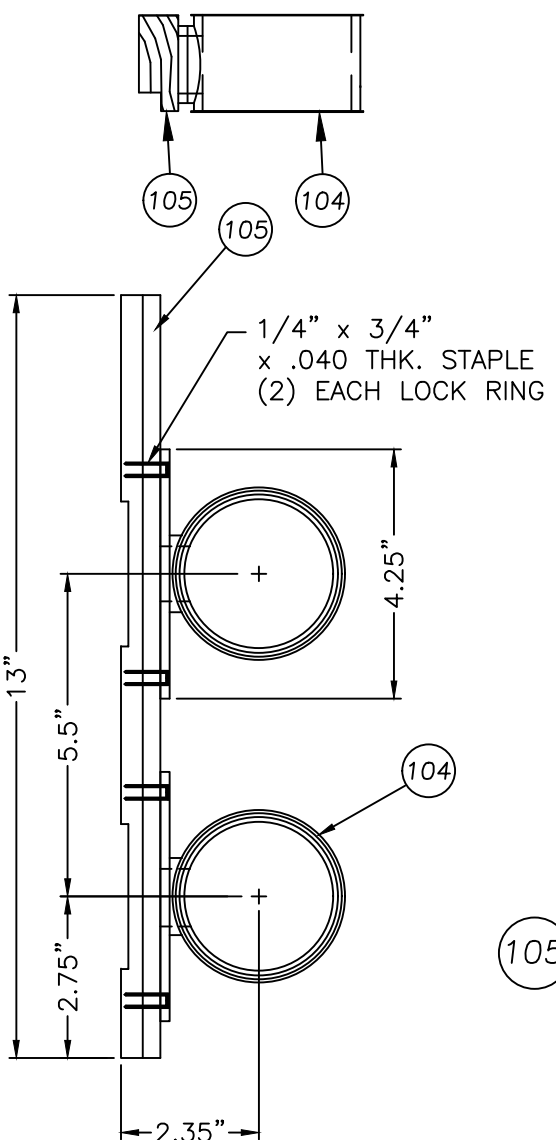
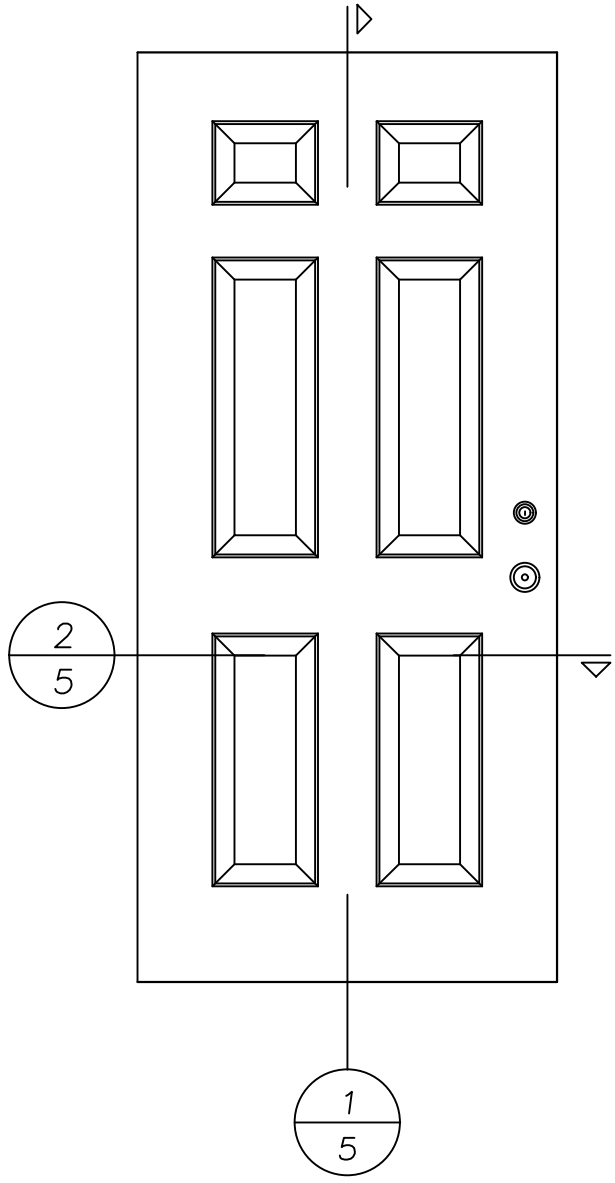
P.O. Box 230, Valrico, FL 33595

Phone No.: 813.659.9197

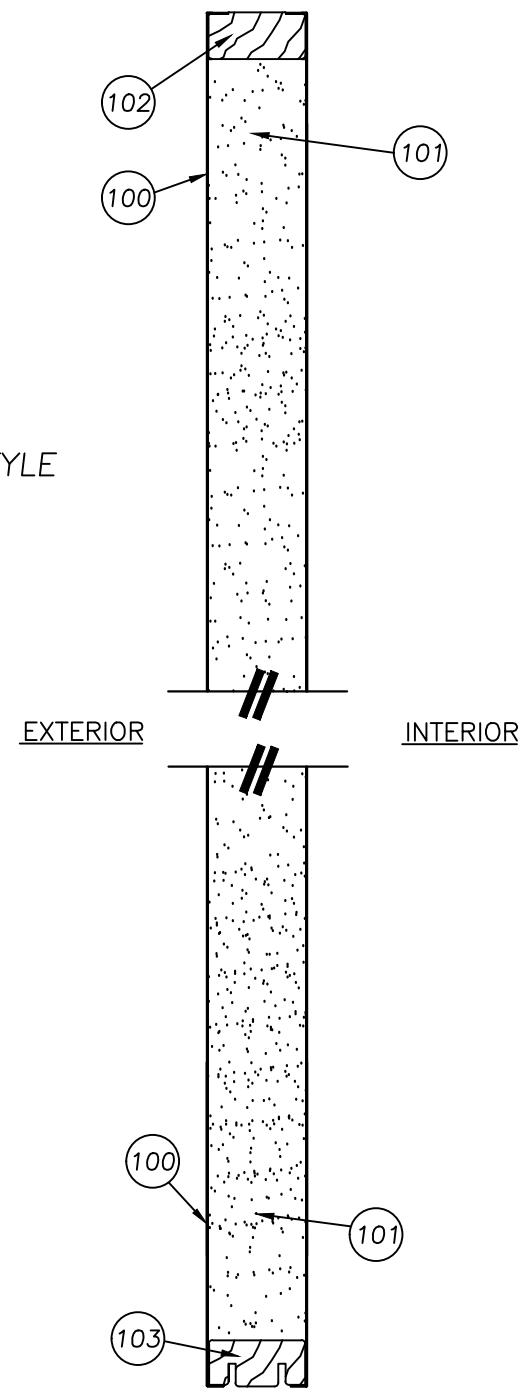
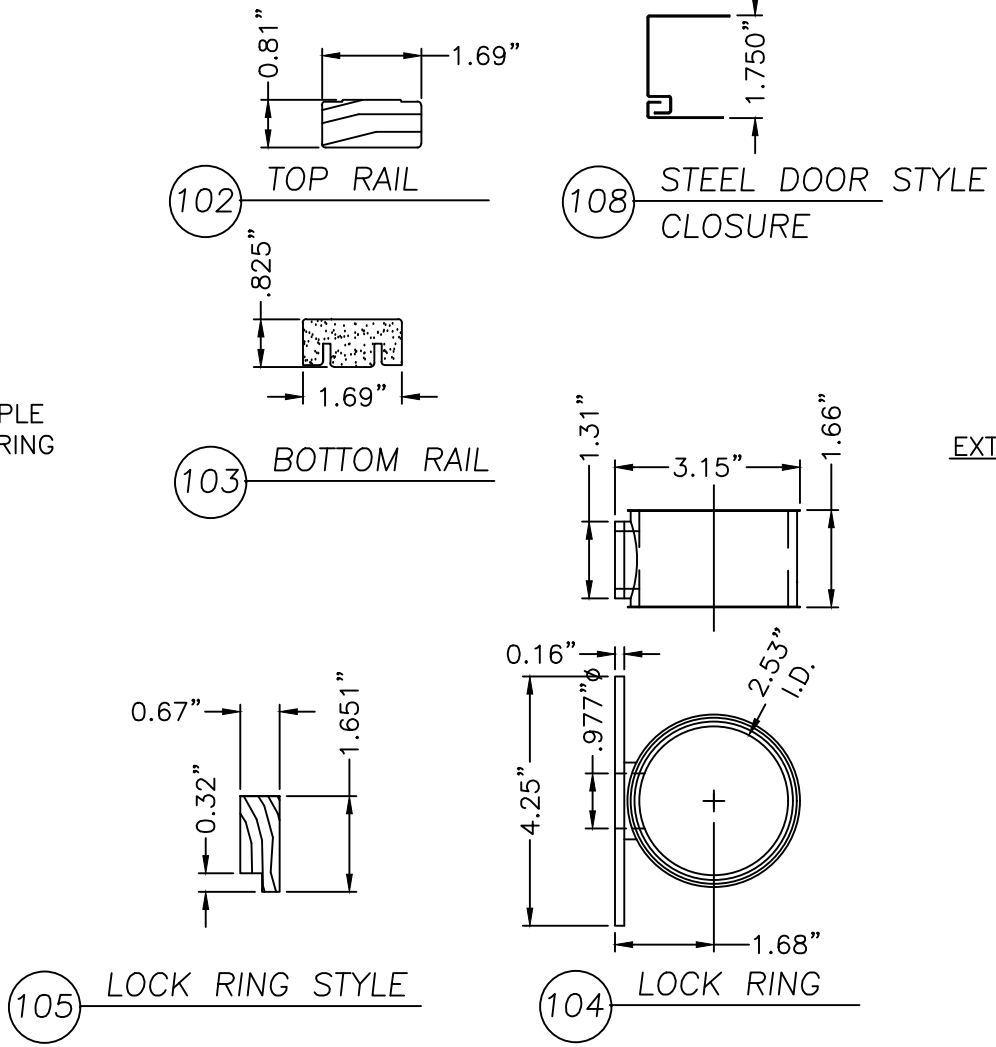
FBPE Registry No. 9813



2 HORIZONTAL CROSS SECTION
5 MASONITE STEEL OPAQUE DOOR



LOCK RING
ASSEMBLY DETAIL



1 VERTICAL CROSS SECTION
5 MASONITE STEEL OPAQUE DOOR

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1	10/17/12	REVISE TO 2010 FBC

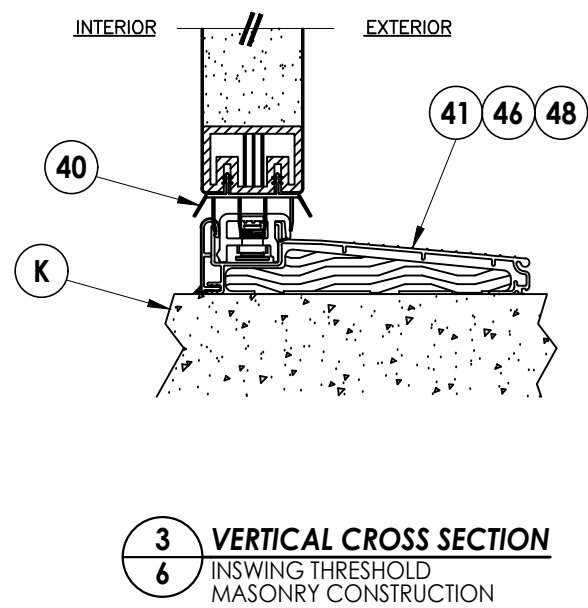
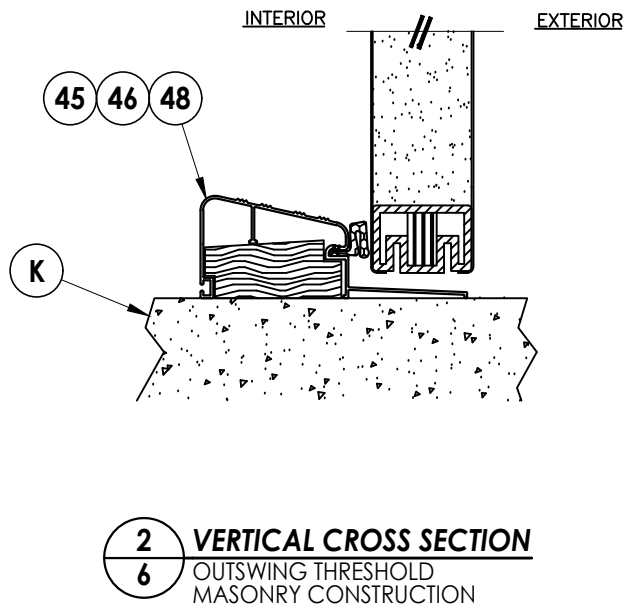
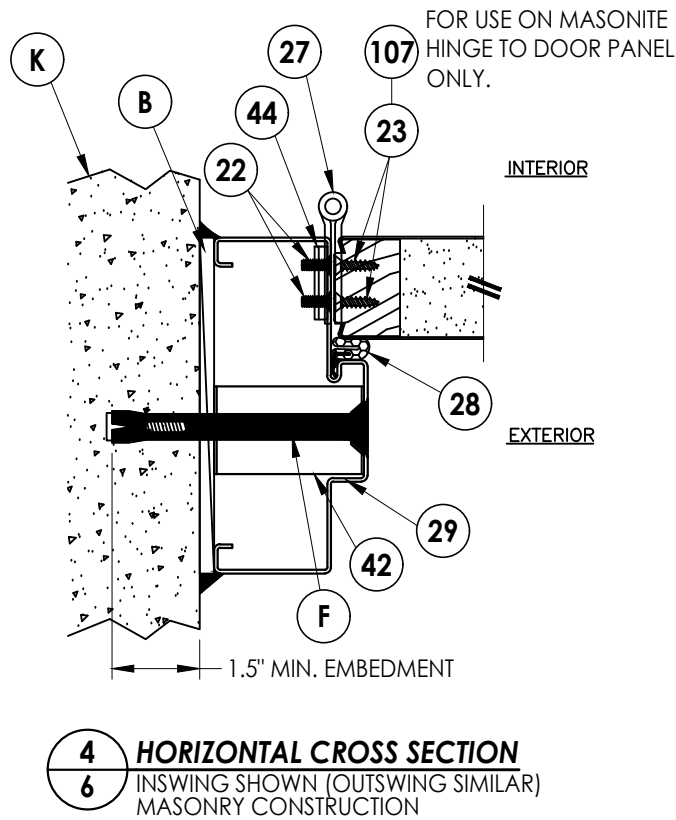
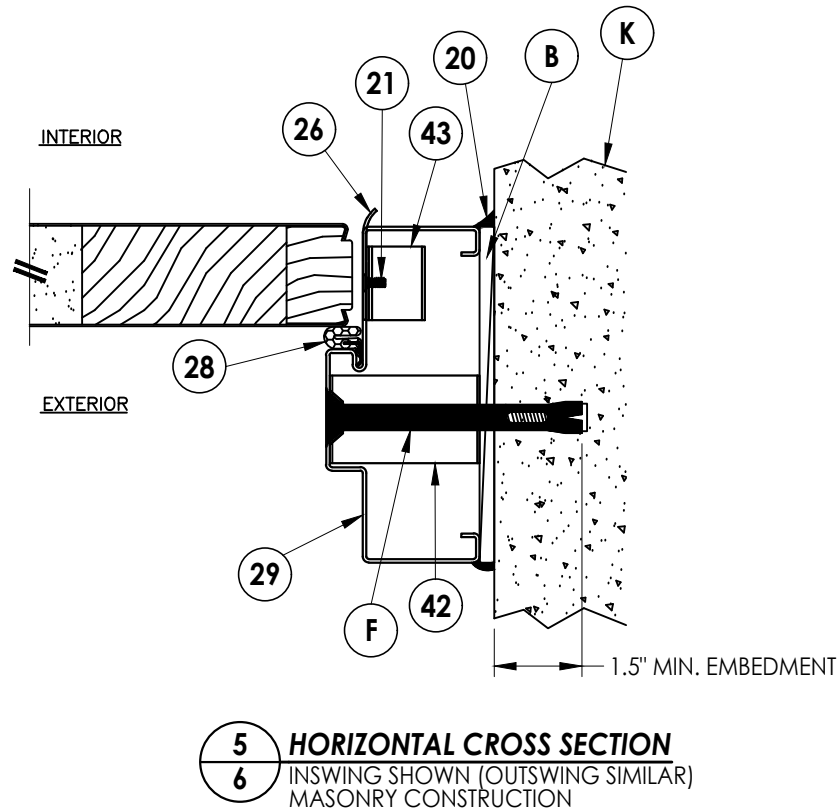
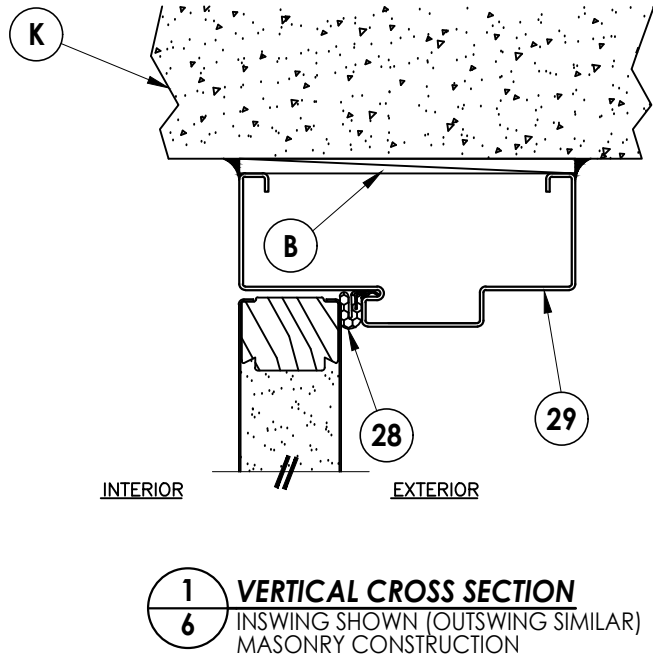
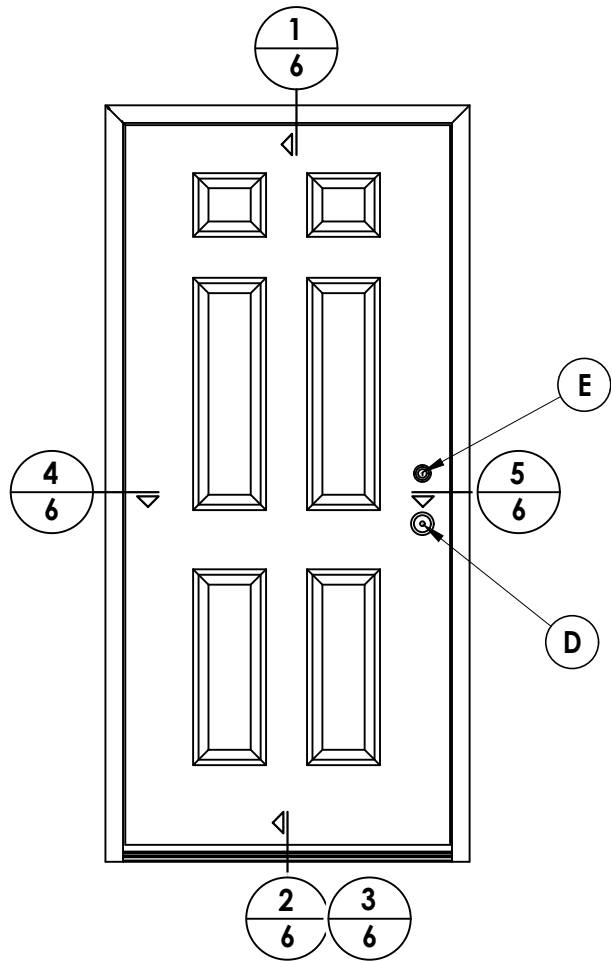
DATE:	2/14/08
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-9231.1
SHEET	5 OF 8

PRODUCT:	DUNBARTON FIBERGLASS & STEEL DOORS IN A HOLLOW METAL FRAME
PART OR ASSEMBLY:	DOOR PANEL DETAILS (MASONITE STEEL DOOR)

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

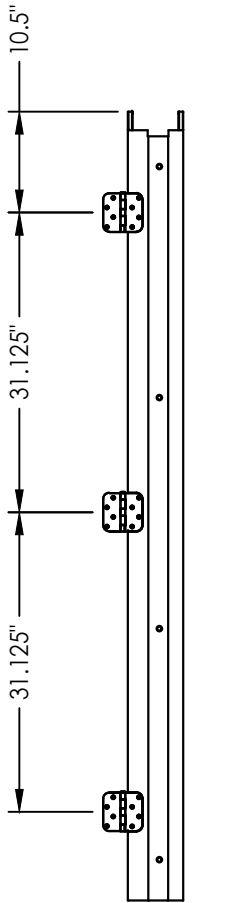
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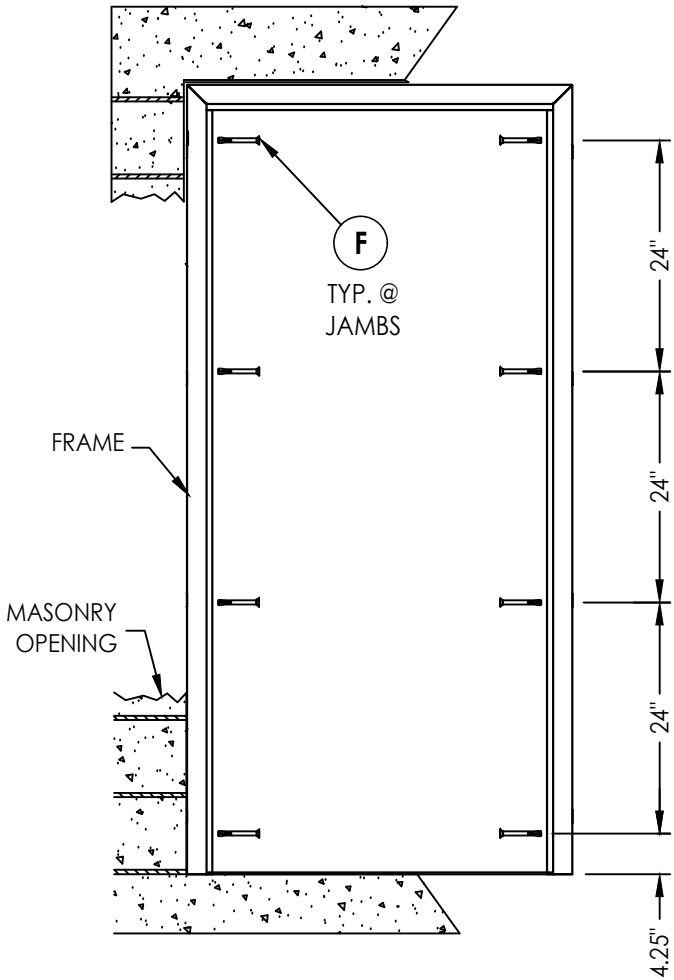


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PRODUCT: DUNBARTON FIBERGLASS & STEEL DOORS IN A HOLLOW METAL FRAME				PART OR ASSEMBLY: HORIZONTAL AND VERTICAL CROSS SECTIONS			
		7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS		
5		8/11/20	UPDATE TO 7TH ED. (2020)	FBC	LFS		
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3		3/18/15	UPDATE TO 5TH ED. (2014)	FBC	JK		
2		10/17/12	REVISE TO 2010 FBC		JK		
1		NO.	DATE		BY		
				REVISIONS			
DATE: 2/14/08							
SCALE: N.T.S.							
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CHK. BY: LFS							
DRAWING NO.: FL-9231.1							
SHEET 6 OF 8							

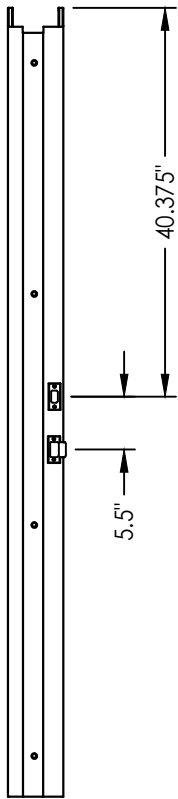
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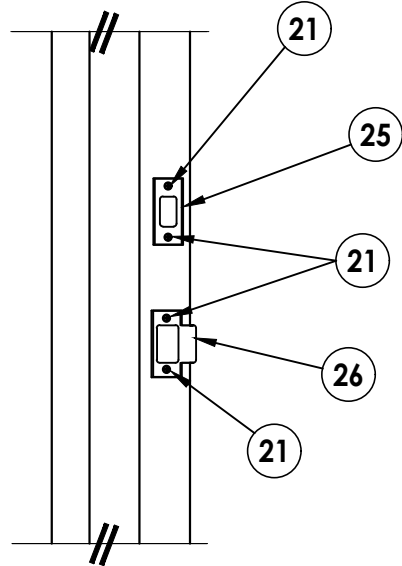
HINGE
LOCATIONS



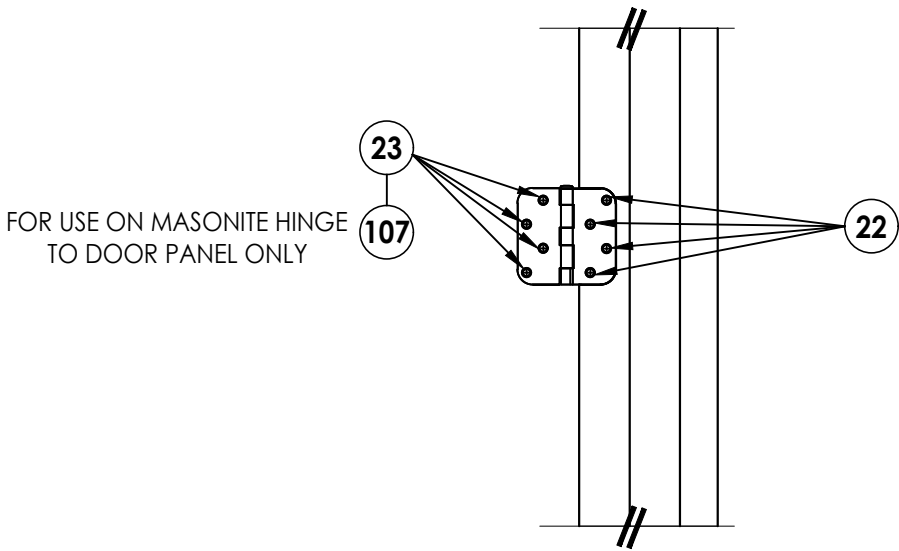
FRAME ANCHORING



STRIKE PLATE
LOCATIONS



STRIKE PLATE DETAIL



HINGE DETAIL

CONCRETE ANCHOR NOTES:

1. Substitution of equal concrete anchors from a different supplier may have different edge distance and center distance requirements.
2. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints. If concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimensions are not exceeded.
3. Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
DYNABOLT SLEEVE ANCHOR	3/8"	1-1/2"	2-1/4"	4-1/2"

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1	10/17/12	REVISE TO 2010 FBC
NO.	DATE	REVISIONS

DATE: 2/14/08

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CHK. BY: LFS

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SHEET 7 OF 8

Documents Prepared By:
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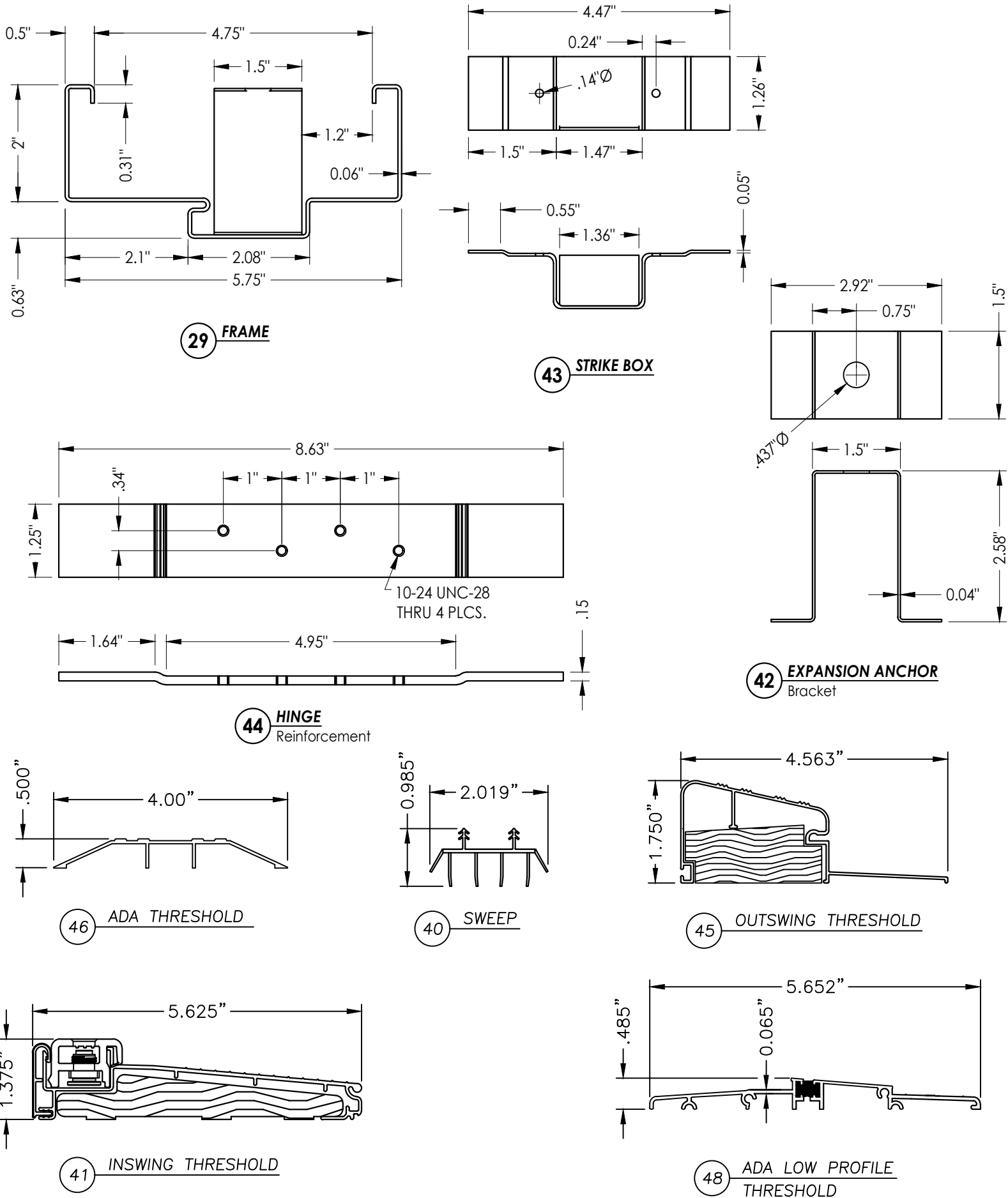
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PRODUCT: DUNBARTON
FIBERGLASS & STEEL DOORS
IN A HOLLOW METAL FRAME

PART OR ASSEMBLY:
FRAME ANCHORING

Z:\2023 FBC Drawings\Dunbarton Corp\FL-9231 R9 Rediframe PD\FL-9231.1.dwg

BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
B	1/4" MAX. SHIM SPACE	WOOD
D	PASSAGE LOCK WES LOCK (600 SERIES)	STEEL
E	DEADBOLT WES LOCK (MODEL 371)	STEEL
D	PASSAGE LOCK YALE (YH COLLECTION SERIES)	STEEL
E	DEADBOLT YALE (YH COLLECTION SERIES)	STEEL
D	KWIKSET SERIES (200) PASSAGE LOCK	STEEL
E	KWIKSET SERIES (660) DEADBOLT	STEEL
F	3/8" ITW DYNABOLT SLEEVE ANCHOR	STEEL
K	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
20	SEALANT	SILICONE
21	#6 X 1-1/2" PFH SMS	STEEL
22	#7 X 3/4" PFH SCREW	STEEL
23	#9 X 3/4" PFH WOOD SCREW	STEEL
25	DEADBOLT STRIKE PLATE	STEEL
26	LATCH STRIKE PLATE	STEEL
27	HINGE	STEEL
28	WEATHERSTRIP	FOAM
29	HOLLOW METAL FRAME SYSTEM	STEEL
40	DOOR SWEEP	PVC
41	INSWING THRESHOLD	ALUM/WOOD
42	EXPANSION ANCHOR BRACKET (ASTM A653 GR. 33)	STEEL
43	STRIKE BOX	STEEL
44	HINGE REINFORCEMENT	STEEL
45	QOSR OUTSWING THRESHOLD	ALUM/WOOD
46	ADA THRESHOLD	ALUM
48	ADA LOW PROFILE THRESHOLD	ALUM
85	STEEL DOOR SKIN - 0.022" THK. (TAYLOR STL. DOOR)	STEEL
86	FOAM CORE: 2.0 lbs/FT³ DENSITY, Baytherm 863 (TAYLOR STL. DOOR)	POLYURETHANE
87	HINGE REINFORCEMENT (TAYLOR STEEL DOOR)	STEEL
88	LOCK BLOCK SPRUCE-PINE-FIR SG=.42 OR BETTER (TAYLOR STL. DOOR)	WOOD
90	LATCH STILE REINFORCEMENT (JELD-WEN STEEL DOOR)	WOOD
91	HINGE STILE REINFORCEMENT (JELD-WEN STEEL DOOR)	WOOD/COMP.
92	BOTTOM RAIL (JELD-WEN STEEL DOOR)	STEEL
93	HINGE / LATCH STILE & TOP RAIL (JELD-WEN STEEL DOOR)	STEEL
94	STEEL DOOR SKIN - 0.020" THK. (JELD-WEN STEEL DOOR)	STEEL
95	FOAM CORE - EPS 1.0 LBS. lbs/FT³ DENSITY (JELD-WEN STEEL DOOR)	POLYSTYRENE
96	LOCK BLOCK (JELD-WEN STEEL DOOR)	WOOD
100	STEEL DOOR SKIN - 0.020" THK. (MASONITE STEEL DOOR)	STEEL
101	FOAM CORE - BASF 2.0 to 2.5lbs./FT³ (MASONITE STL DOOR)	POLYURETHANE
102	DOOR TOP RAIL (MASONITE STEEL DOOR)	WOOD
103	DOOR BOTTOM RAIL (MASONITE STEEL DOOR)	COMPOSITE
104	PLASTIC LOCK RING (MASONITE STEEL DOOR)	PLASTIC
105	LOCK RING STYLE (MASONITE STEEL DOOR)	WOOD
106	HINGE REINFORCEMENT 14 GA. (MASONITE STEEL DOOR)	STEEL
107	HINGE TO DOOR SCREW #10-24x1/2" PFH M.S.(MASONITE STEEL DOOR)	STEEL
108	DOOR STYLE CLOSURE DETAIL (MASONITE STEEL DOOR)	STEEL
110	DOOR SKIN - 0.075" MIN. THK. (PLASTPRO FIBERGLASS DOOR)	FIBERGLASS
111	FOAM CORE BY PLASTPRO, 2.0 lbs/FT (PLASTPRO FIBERGLASS DOOR)	POLYURETHANE
112	DOOR TOP RAIL (PLASTPRO FIBERGLASS DOOR)	WOOD
113	DOOR BOTTOM RAIL (PLASTPRO FIBERGLASS DOOR)	WOOD
114	HINGE STYLE (PLASTPRO FIBERGLASS DOOR)	WOOD
115	HINGE STYLE SUPPORTER (PLASTPRO FIBERGLASS DOOR)	WOOD
116	LOCK BLOCK (PLASTPRO FIBERGLASS DOOR)	WOOD
117	LATCH STYLE (PLASTPRO FIBERGLASS DOOR)	WOOD
118	LATCH STYLE SUPPORTER (PLASTPRO FIBERGLASS DOOR)	WOOD



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PRODUCT: DUNBARTON
FIBERGLASS & STEEL DOORS
IN A HOLLOW METAL FRAME

PART OR ASSEMBLY:

BILL OF MATERIALS
AND COMPONENTS

NO.	DATE	REVISIONS			
		DATE	BY	JK	BY
5	7/06/23	UPDATE TO 8TH ED. (2023) FBC	LFS		
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SHEET 8 OF 8

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