



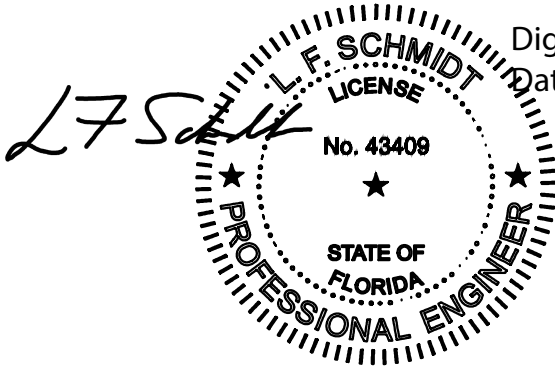
868 MURRAY ROAD, DOTHAN, AL 36303

"REDIFLEX"
TWO-PIECE STEEL FRAME SYSTEM
UTILIZING A
THERMA-TRU OPAQUE FIBERGLASS DOOR PANEL
"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 & R301.2.1.2.1.1.
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

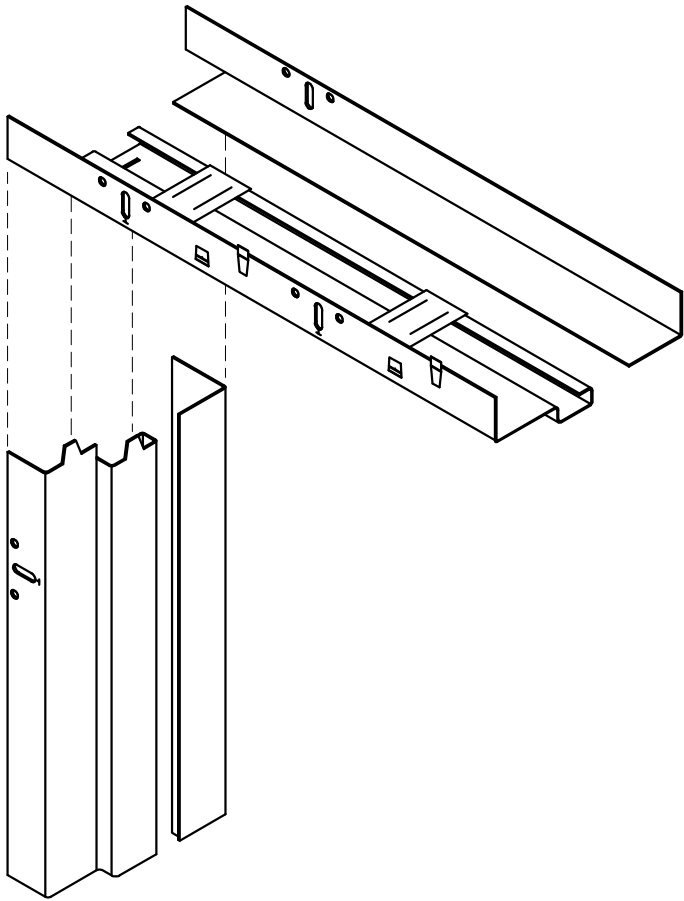
TABLE OF CONTENTS	
SHEET #	DESCRIPTION
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2	Steel frame cross sections & details
3	Door panel details (Fiber-Classic)
4	Horizontal cross sections
5	Vertical cross sections
6	Buck and frame anchoring
7	Bill of materials and components



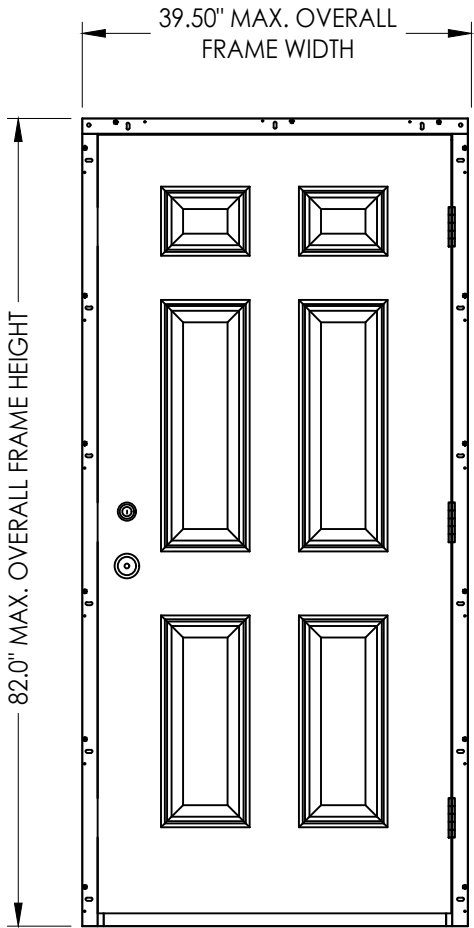
Digitally signed by Lyndon F Schmidt
Date: 2023.07.19 12:07:24 -04'00'

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



REDIFLEX TWO-PIECE



INSWING OR OUTSWING

OVERALL FRAME DIMENSION	DESIGN PRESSURE (PSF)	
	POSITIVE	NEGATIVE
39.50" X 82.0"	+ 66.0	- 66.0

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

PRODUCT:

DUNBARTON REDIFLEX
TWO-PIECE STEEL FRAME

PART OR ASSEMBLY:

TYPICAL ELEVATIONS, DESIGN
PRESSURES & GENERAL NOTES

3

7/06/23

UPDATE TO 8TH ED. (2023)

FBC

LFS

2

8/11/20

UPDATE TO 7TH ED. (2020)

FBC

DAC

1

9/30/17

UPDATE TO 6TH ED. (2017)

FBC

LFS

NO.

DATE

BY

REVISIONS

DATE:

3/30/15

SCALE:

N.T.S.

DWG. BY:

JK

CHK. BY:

LFS

DRAWING NO.:

FL-15341.9

SHEET

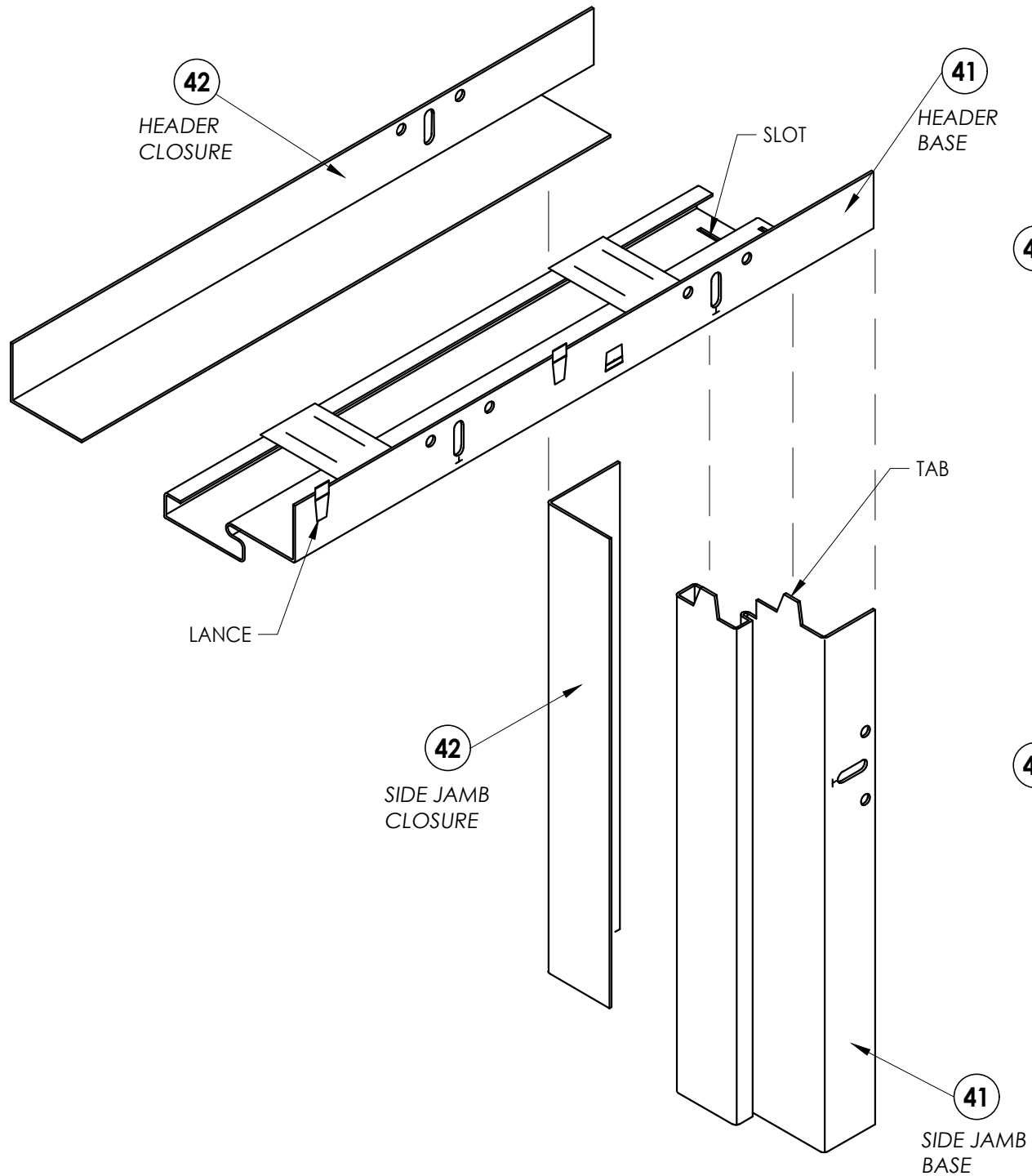
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OF

7

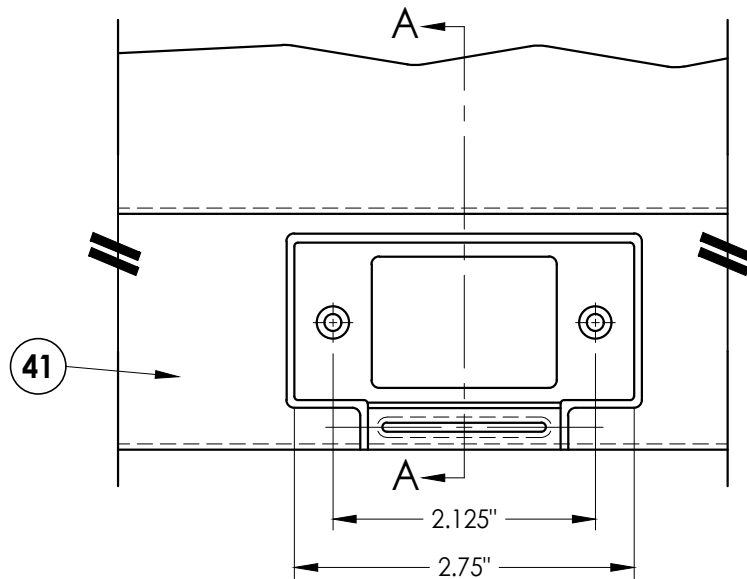
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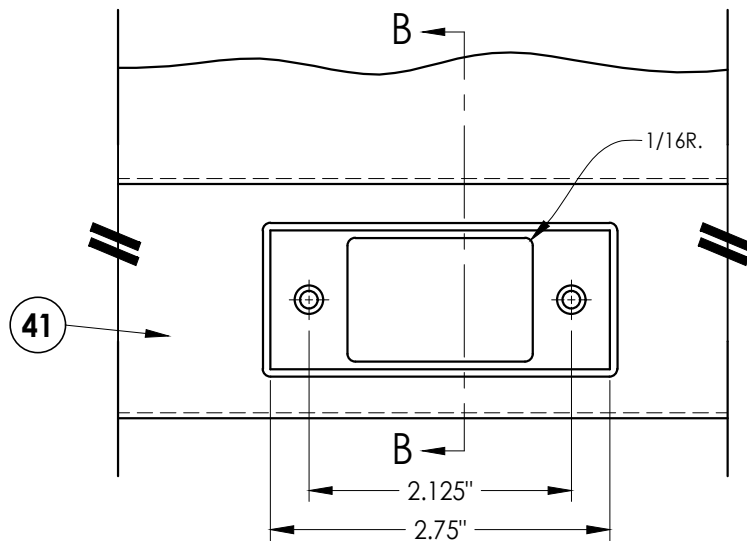


NOTES:

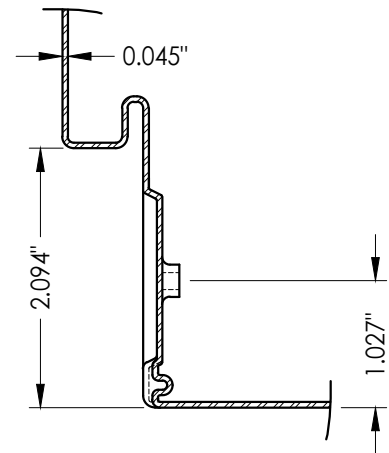
1. HEADER AND SIDE BASE JAMB (41) MINIMUM 20 GA. GALV. STEEL.
2. HEADER AND SIDE CLOSURE JAMB (42) MINIMUM 22 GA. GALV. STEEL.
3. FRAME SHOWN WITHOUT OPTIONAL STEEL TRIM CASING.
4. NON-KERF FRAME DO NOT MEET AIR AND WATER CRITERIA.



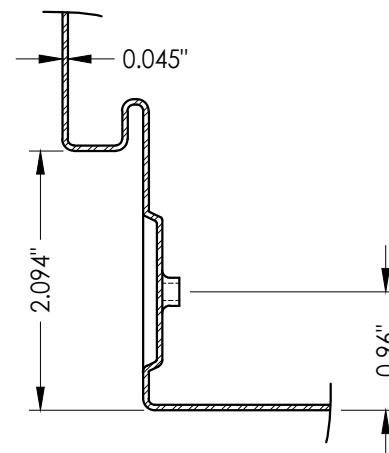
STRIKE AT LATCH



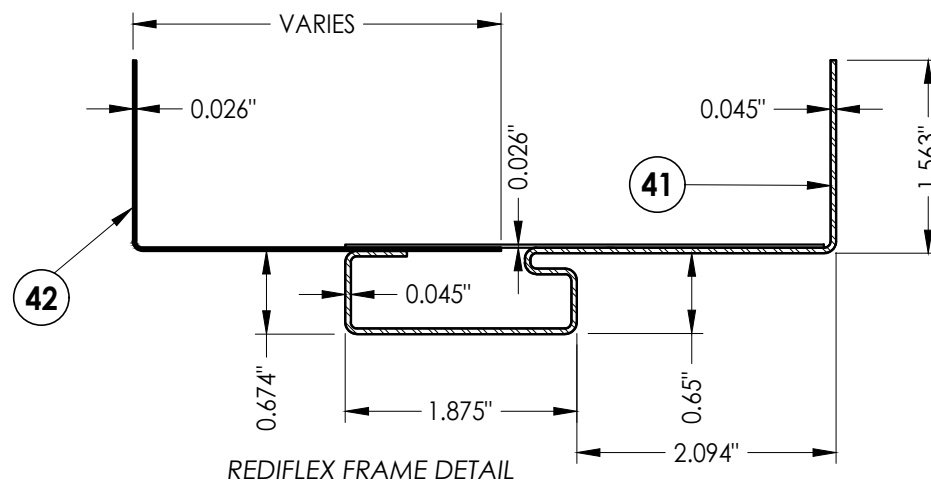
STRIKE AT DEADBOLT



SECTION A-A



SECTION B-B



REDIFLEX FRAME DETAIL

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

PRODUCT:
DUNBARTON REDIFLEX
TWO-PIECE STEEL FRAME

PART OR ASSEMBLY:
STEEL FRAME CROSS SECTIONS
& DETAILS

NO.	DATE	REVISIONS			
		BY	DATE	DESCRIPTION	DATE
3	7/06/23	LFS		UPDATE TO 8TH ED. (2023) FBC	
2	8/11/20	DAC		UPDATE TO 7TH ED. (2020) FBC	
1	9/30/17	LFS		UPDATE TO 6TH ED. (2017) FBC	

DATE: 3/30/15

SCALE: N.T.S.

DWG. BY: JK

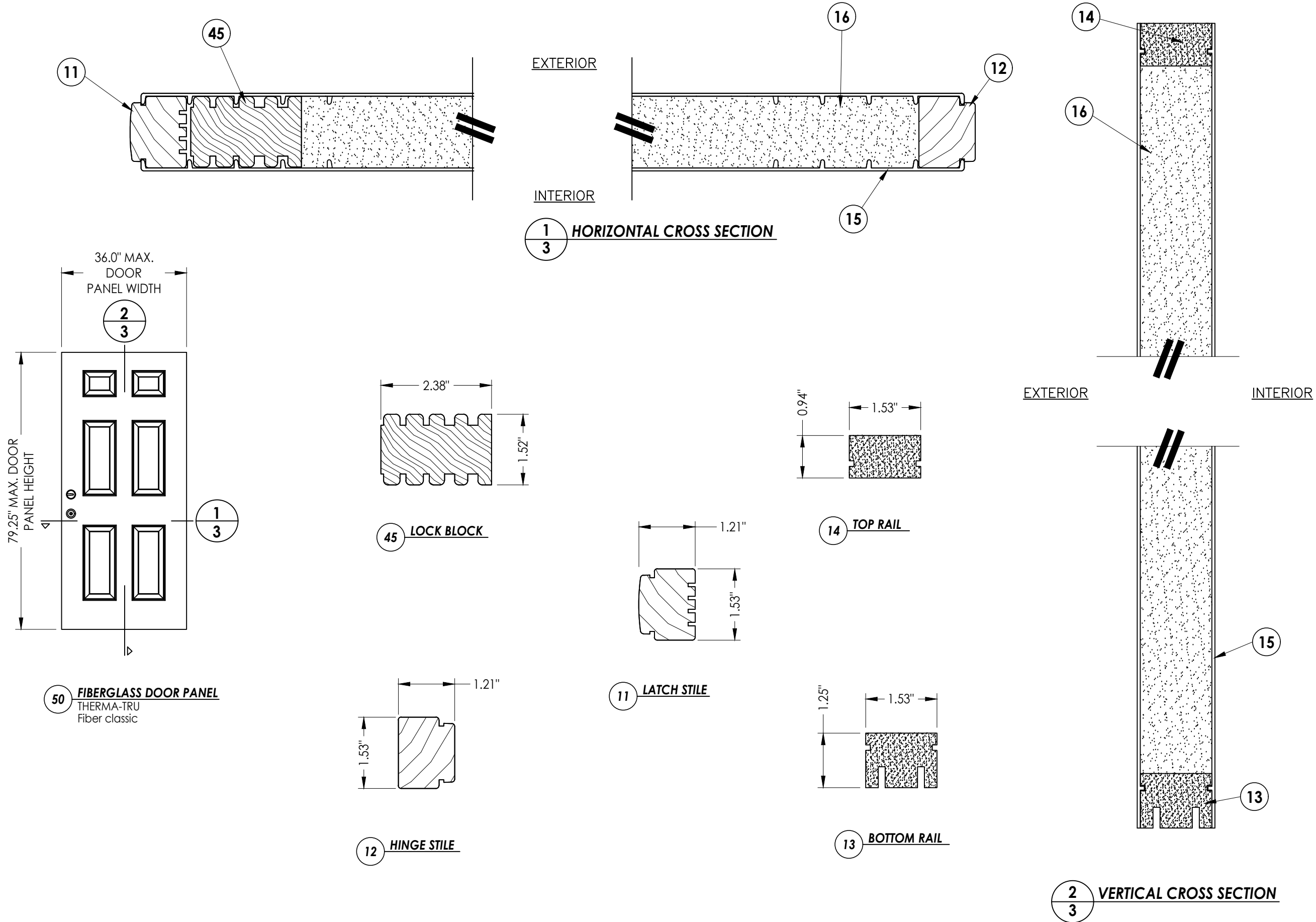
CHK. BY: LFS

DRAWING NO.:

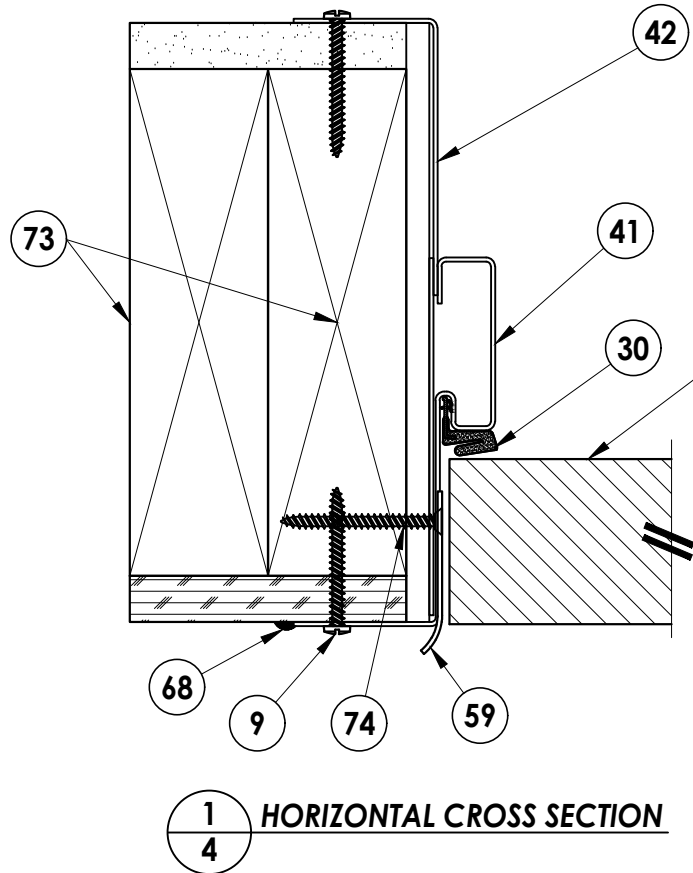
FL-15341.9

SHEET 2 OF 7

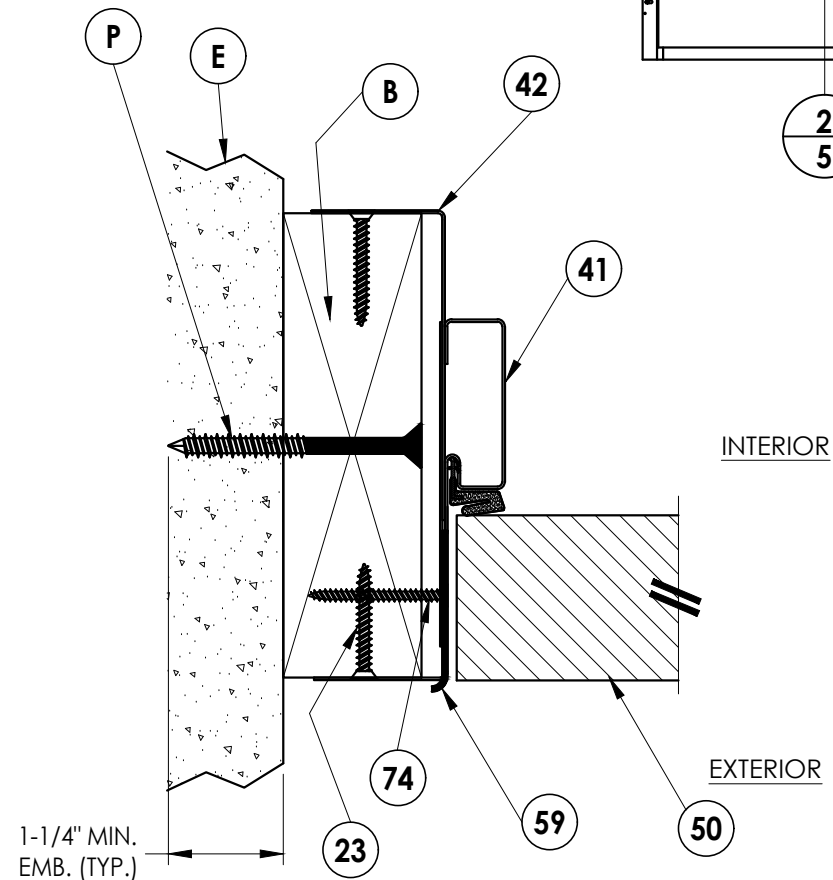
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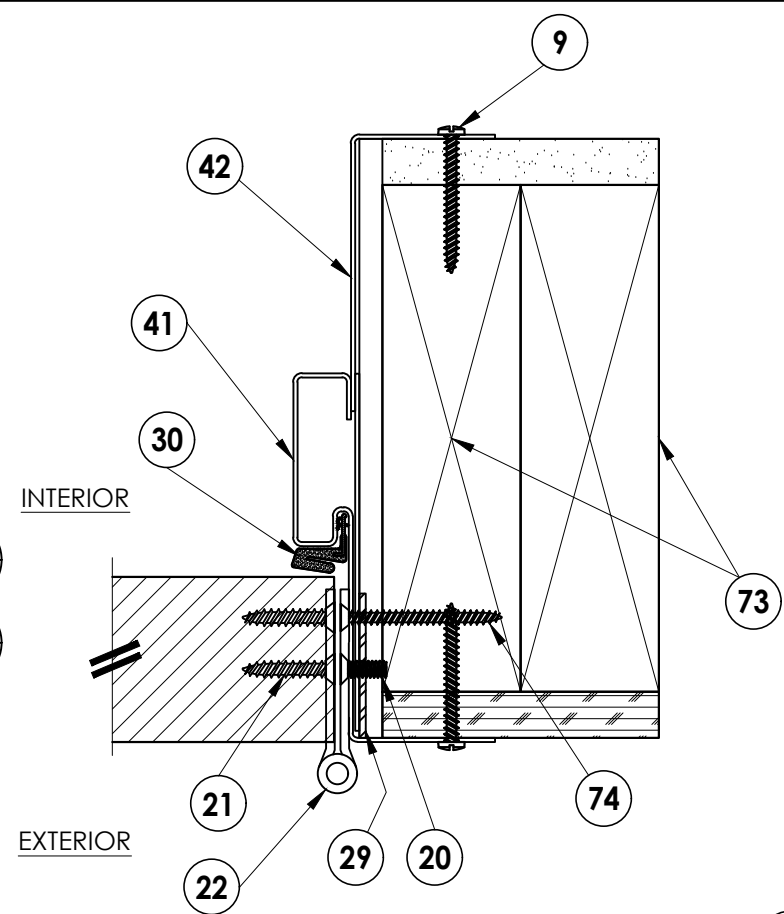
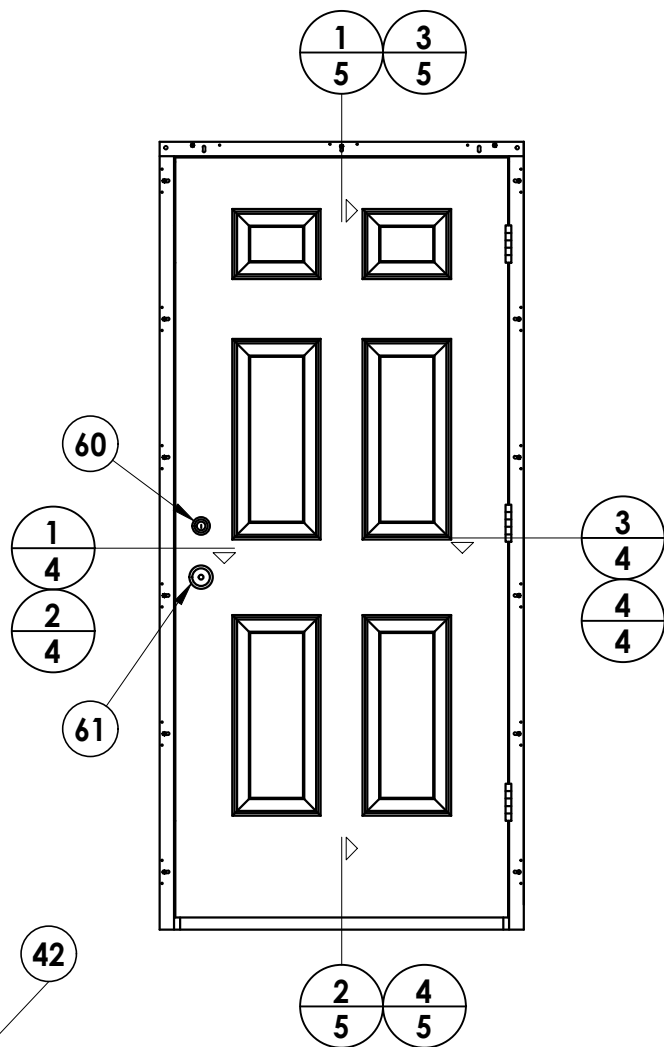
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: DUNBARTON REDIFLEX TWO-PIECE STEEL FRAME		PART OR ASSEMBLY: DOOR PANEL DETAILS (FIBER CLASSIC)	
		LFS	BY
		FBC	
3	7/06/23	UPDATE TO 8TH ED. (2023)	FBC
2	8/11/20	UPDATE TO 7TH ED. (2020)	FBC
1	9/30/17	UPDATE TO 6TH ED. (2017)	FBC
NO.	DATE		
REVISIONS			
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DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15341.9			
SHEET 3 OF 7			



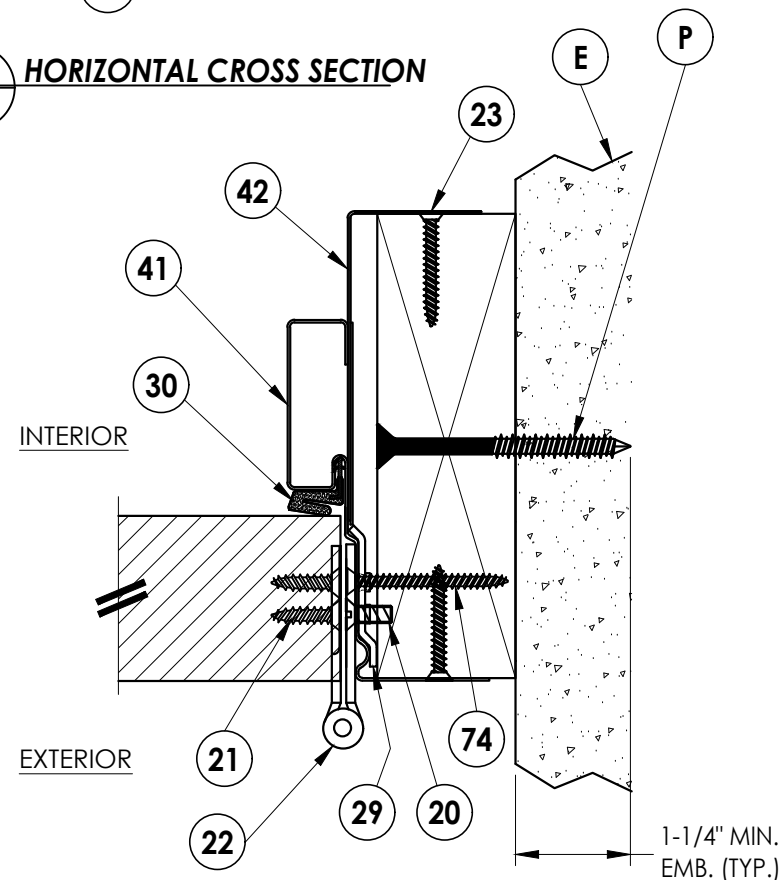
1 **HORIZONTAL CROSS SECTION**
4



2 HORIZONTAL CROSS SECTION
4 2X wood buck @ latch



3 HORIZONTAL CROSS SECTION
4

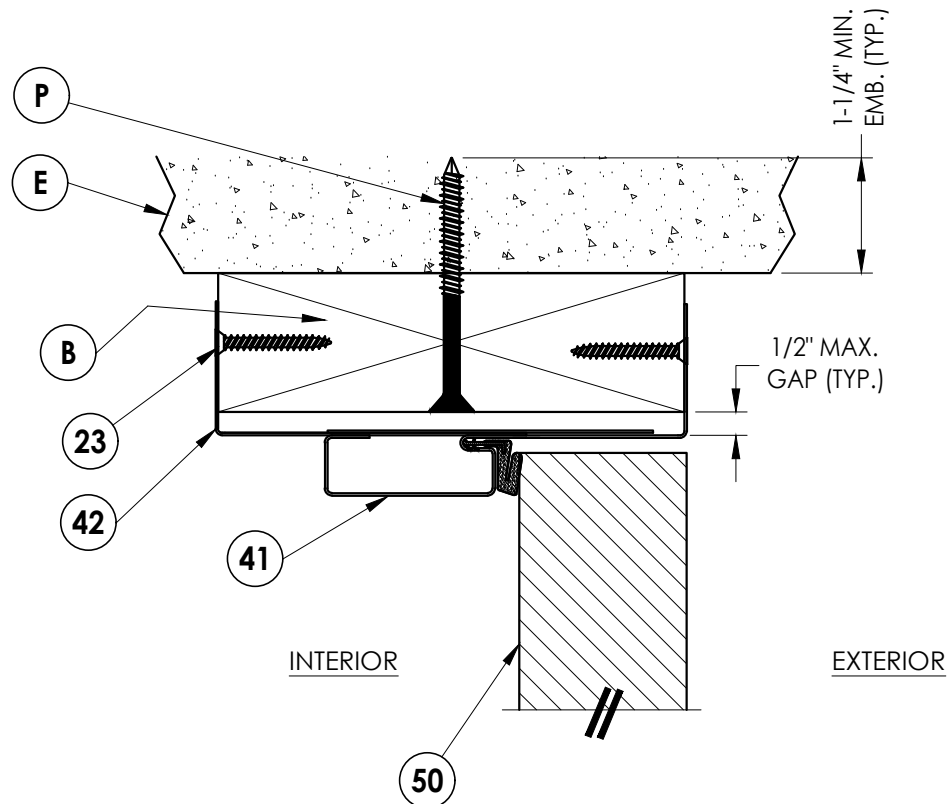


4 **HORIZONTAL CROSS SECTION**
4 2X wood buck @ hinge

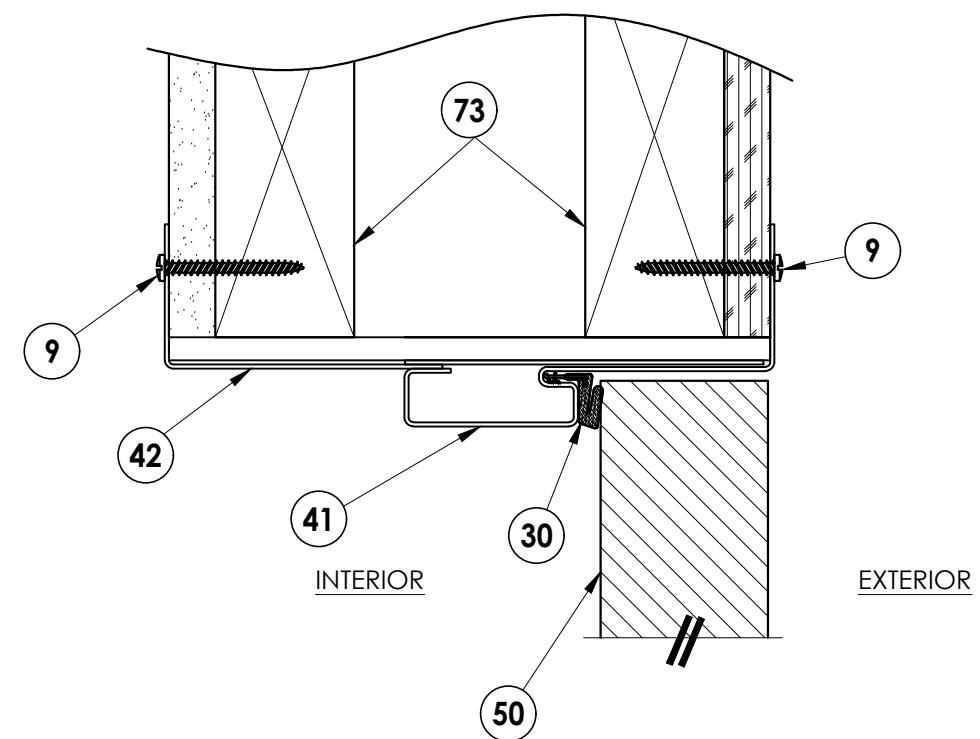
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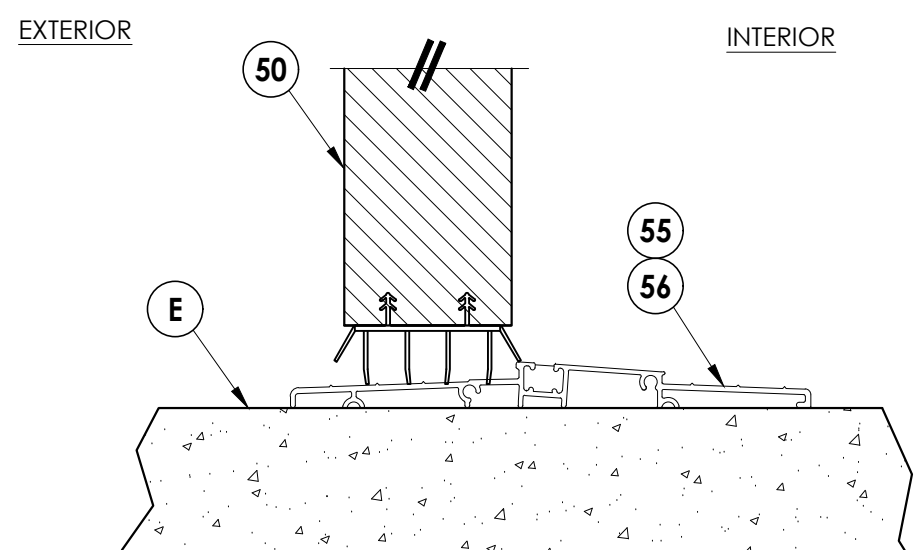
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



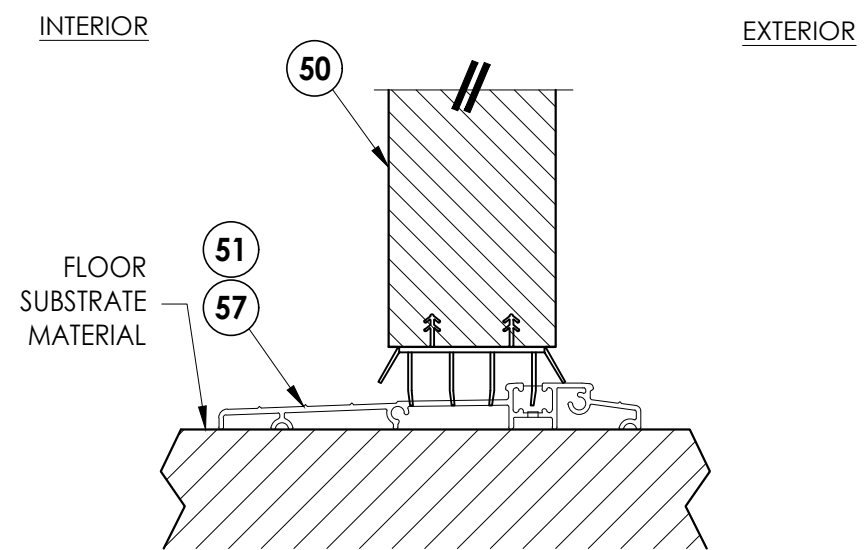
1
5 **VERTICAL CROSS SECTION**
Shown w/ wood buck



3
5 **VERTICAL CROSS SECTION**



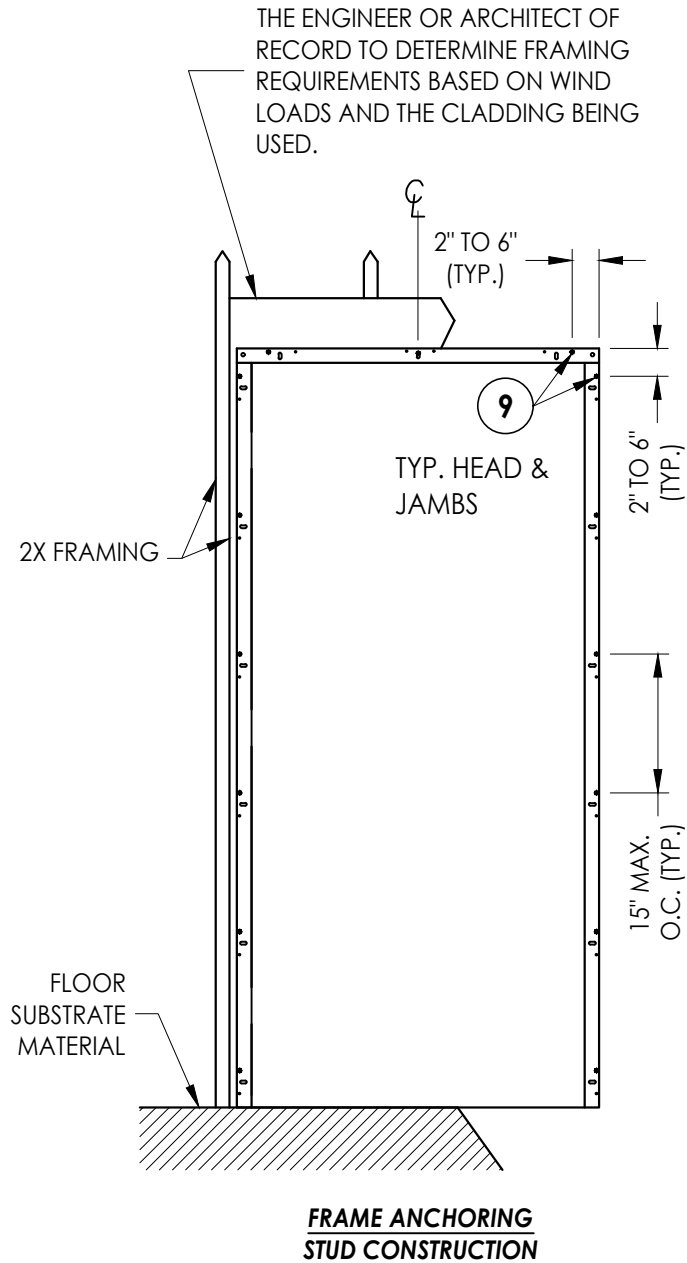
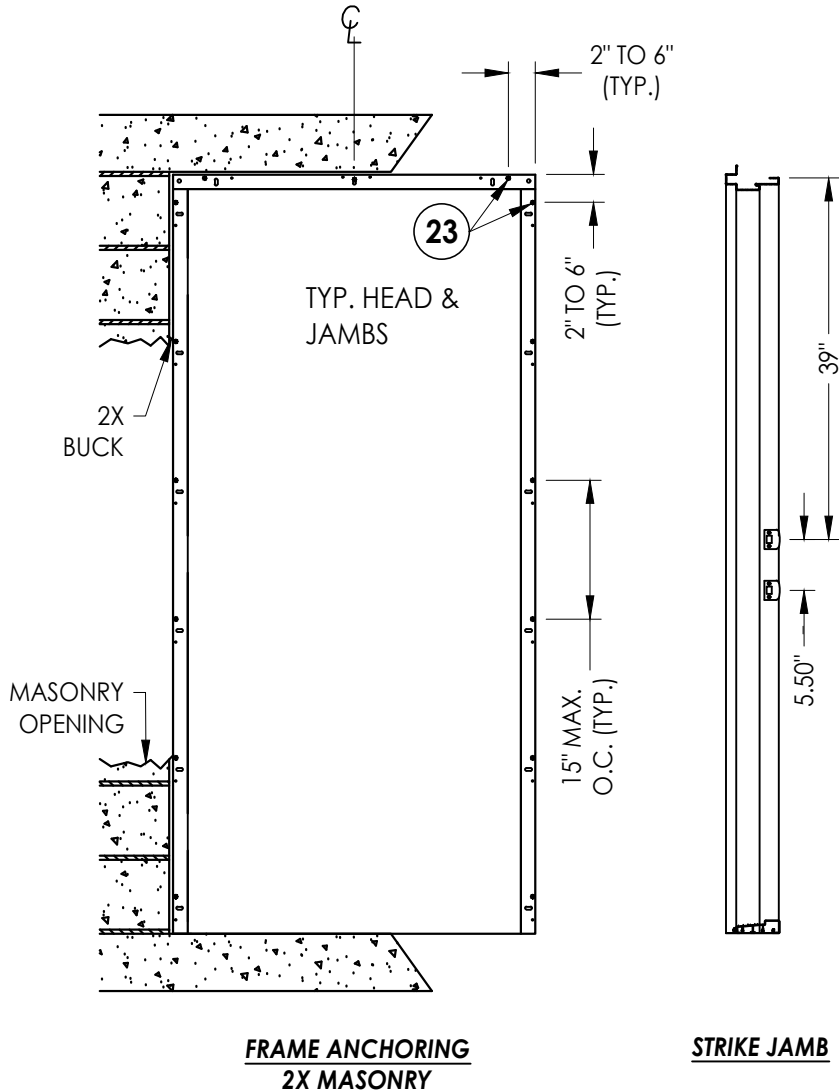
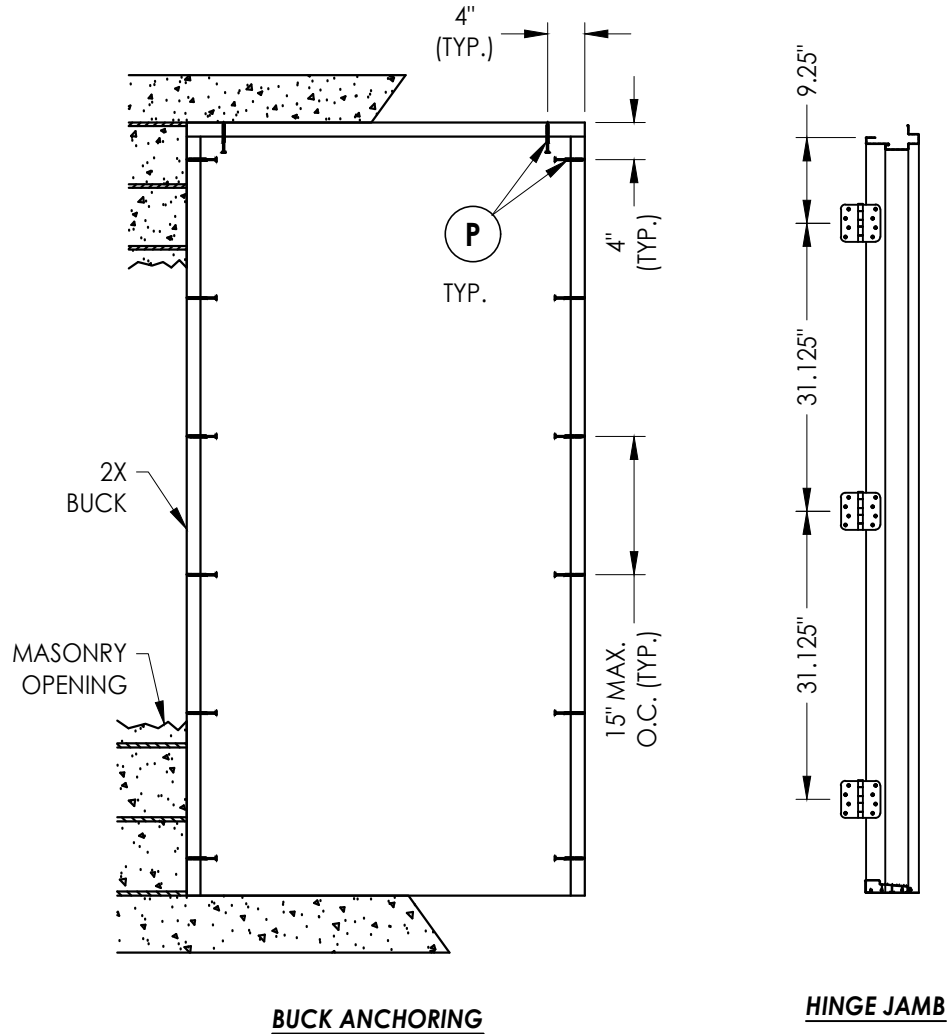
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5 **VERTICAL CROSS SECTION**



4
5 **VERTICAL CROSS SECTION**

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DATE: 3/30/15		SCALE: N.T.S.		DWG. BY: JK		CHK. BY: LFS													
DRAWING NO.: FL-15341.9		SHEET 5 OF 7		© 2015 R.W. BUILDING CONSULTANTS INC.		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813													

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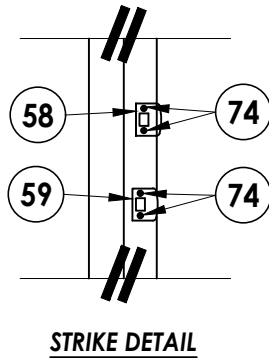
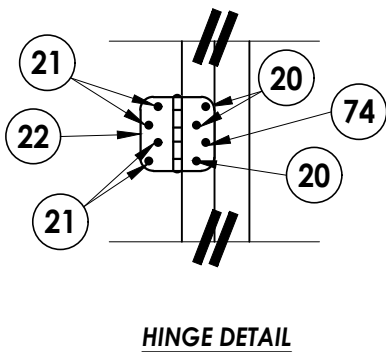
CONCRETE ANCHOR NOTES:

- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- 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" dimension are not exceeded.
- Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



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PRODUCT:
DUNBARTON REDIFLEX
TWO-PIECE STEEL FRAME

PART OR ASSEMBLY:
BUCK & FRAME ANCHORING

NO.	DATE	REVISIONS
3	7/06/23	UPDATE TO 8TH ED. (2023) FBC LFS
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DATE: 3/30/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

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SHEET 6 OF 7

