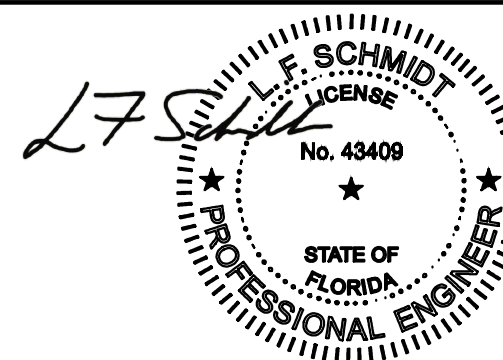


## GENERAL NOTES

1. This product has been evaluated and is in compliance with the 9th Edition (2026) 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.
4. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

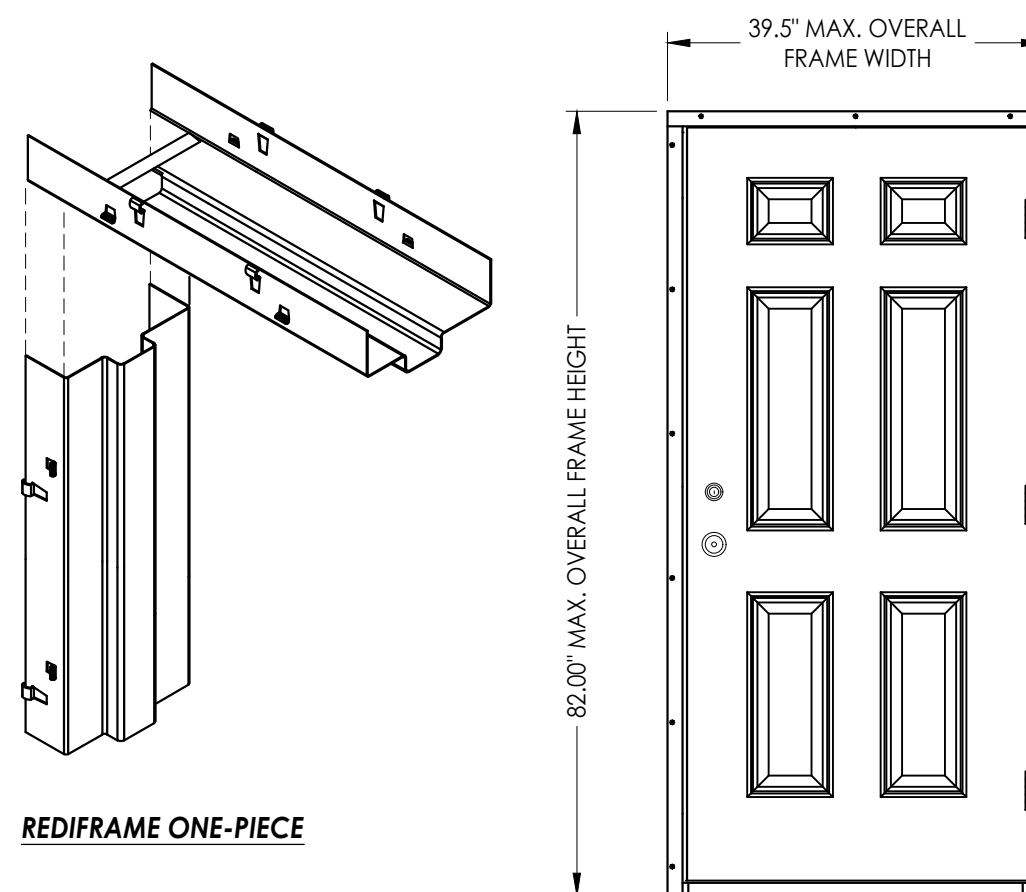
| TABLE OF CONTENTS |                                                      |
|-------------------|------------------------------------------------------|
| SHEET #           | DESCRIPTION                                          |
| 1                 | Typical elevations, design pressures & general notes |
| 2                 | Steel frame cross sections & details                 |
| 3                 | Door panel details                                   |
| 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: 2026.07.24  
09:56:09 -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



## REDIFRAME ONE-PIECE

### INSWING OR OUTSWING

| OVERALL<br>FRAME<br>DIMENSION | DESIGN PRESSURE (PSF) |          |
|-------------------------------|-----------------------|----------|
|                               | POSITIVE              | NEGATIVE |
| 39.5" X 82.0"                 | + 66.0                | - 66.0   |

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

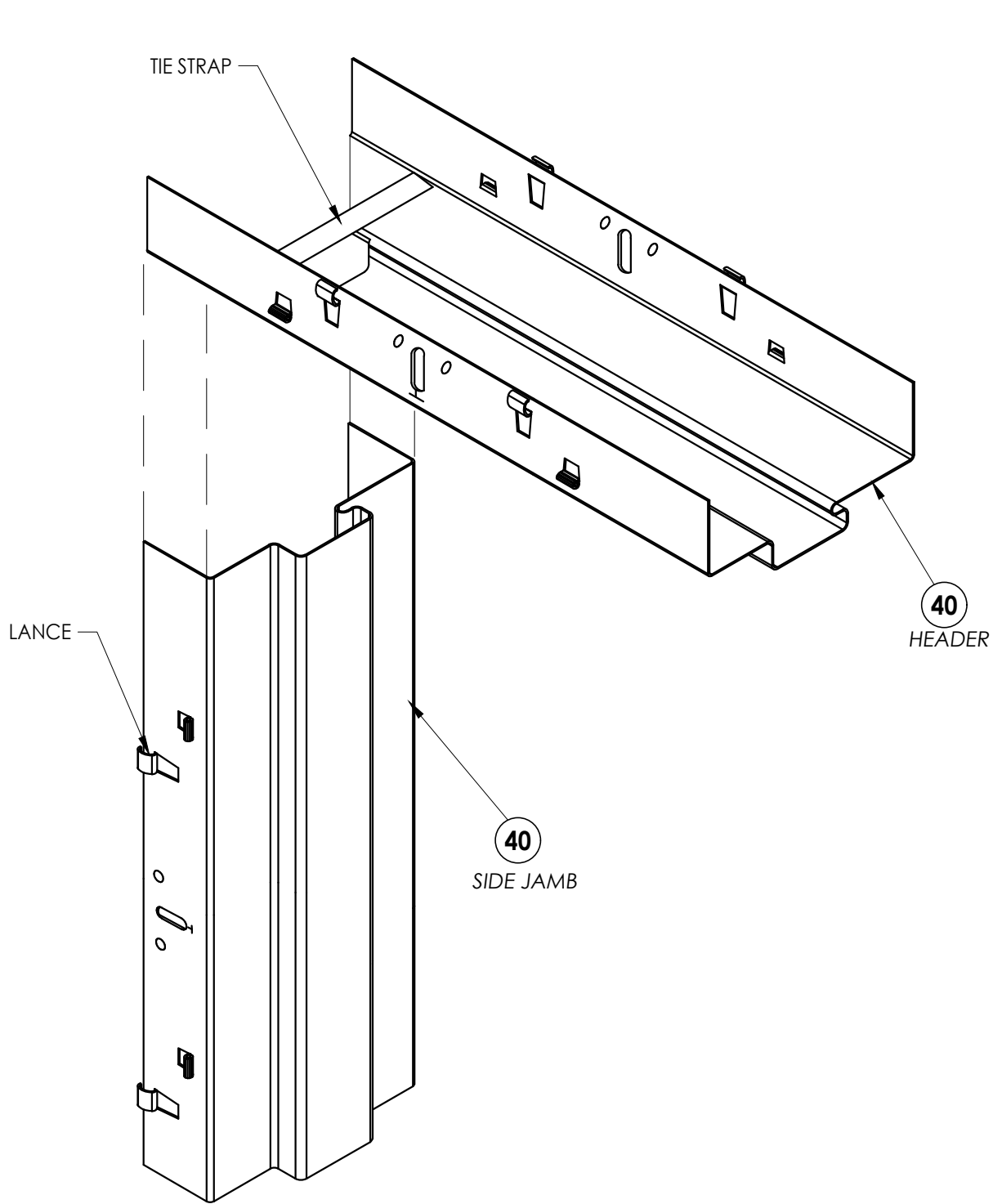
**R<sup>W</sup>** BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

|                   |                                                         |
|-------------------|---------------------------------------------------------|
| PRODUCT:          | DUNBARTON REDIFRAME<br>ONE-PIECE STEEL FRAME            |
| PART OR ASSEMBLY: | TYPICAL ELEVATIONS, DESIGN<br>PRESSURES & GENERAL NOTES |

[illegible]

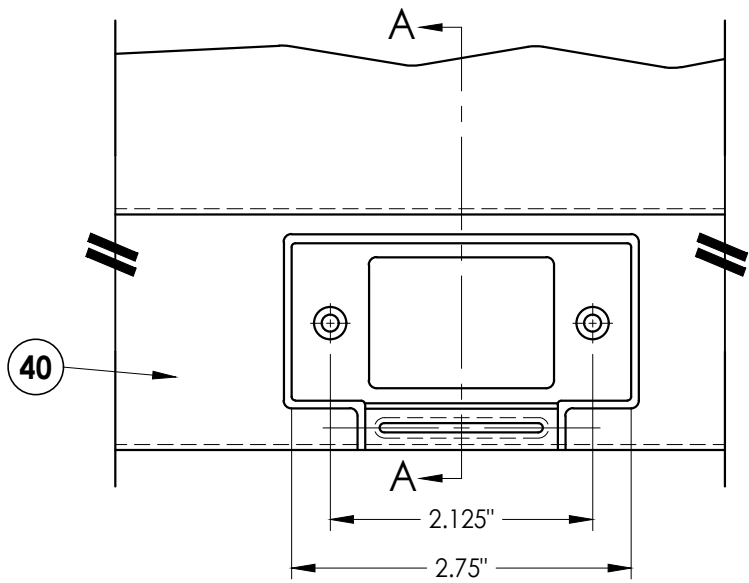
|              |            |
|--------------|------------|
| DATE:        | 3/30/15    |
| SCALE:       | N.T.S.     |
| DWG. BY:     | JK         |
| CHK. BY:     | LFS        |
| DRAWING NO.: | FL-15366.4 |
| SHEET        | 1 OF 7     |

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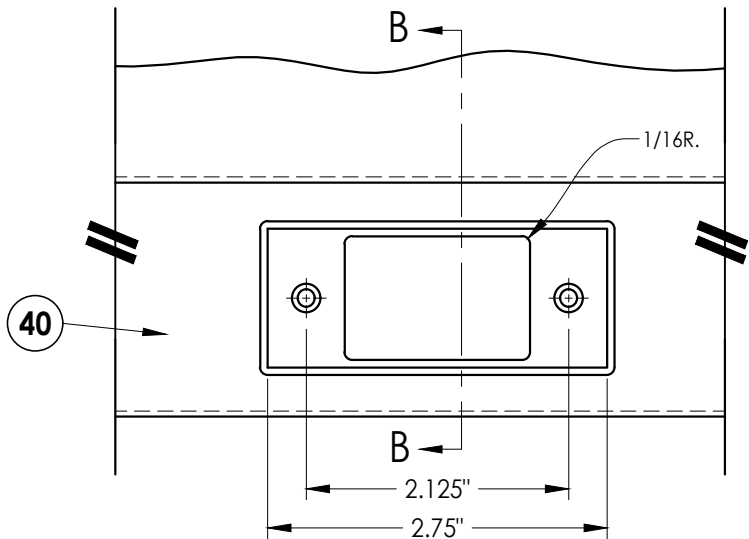


NOTES:

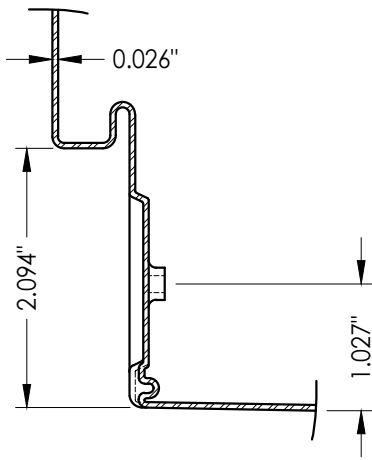
1. HEADER AND SIDE JAMB MINIMUM 22 GA. STEEL.
2. FRAME SHOWN WITHOUT OPTIONAL STEEL TRIM CASING.
3. NON-KERF FRAMES DO NOT MEET AIR AND WATER CRITERIA.



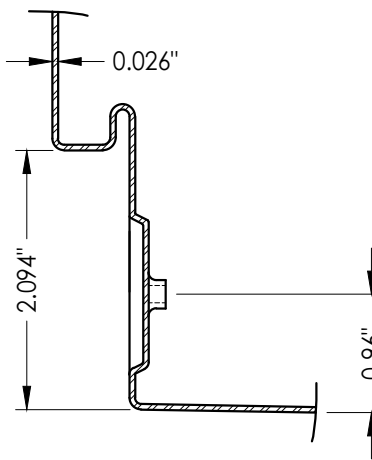
STRIKE AT LATCH



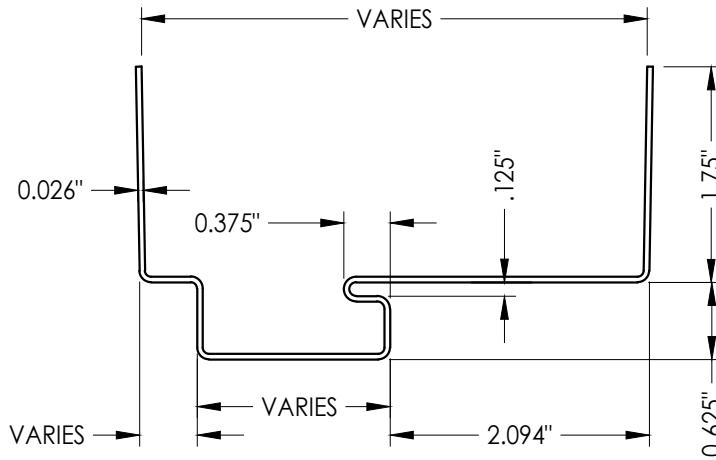
STRIKE AT DEADBOLT



SECTION A-A



SECTION B-B



REDIFRAME CORNER DETAIL

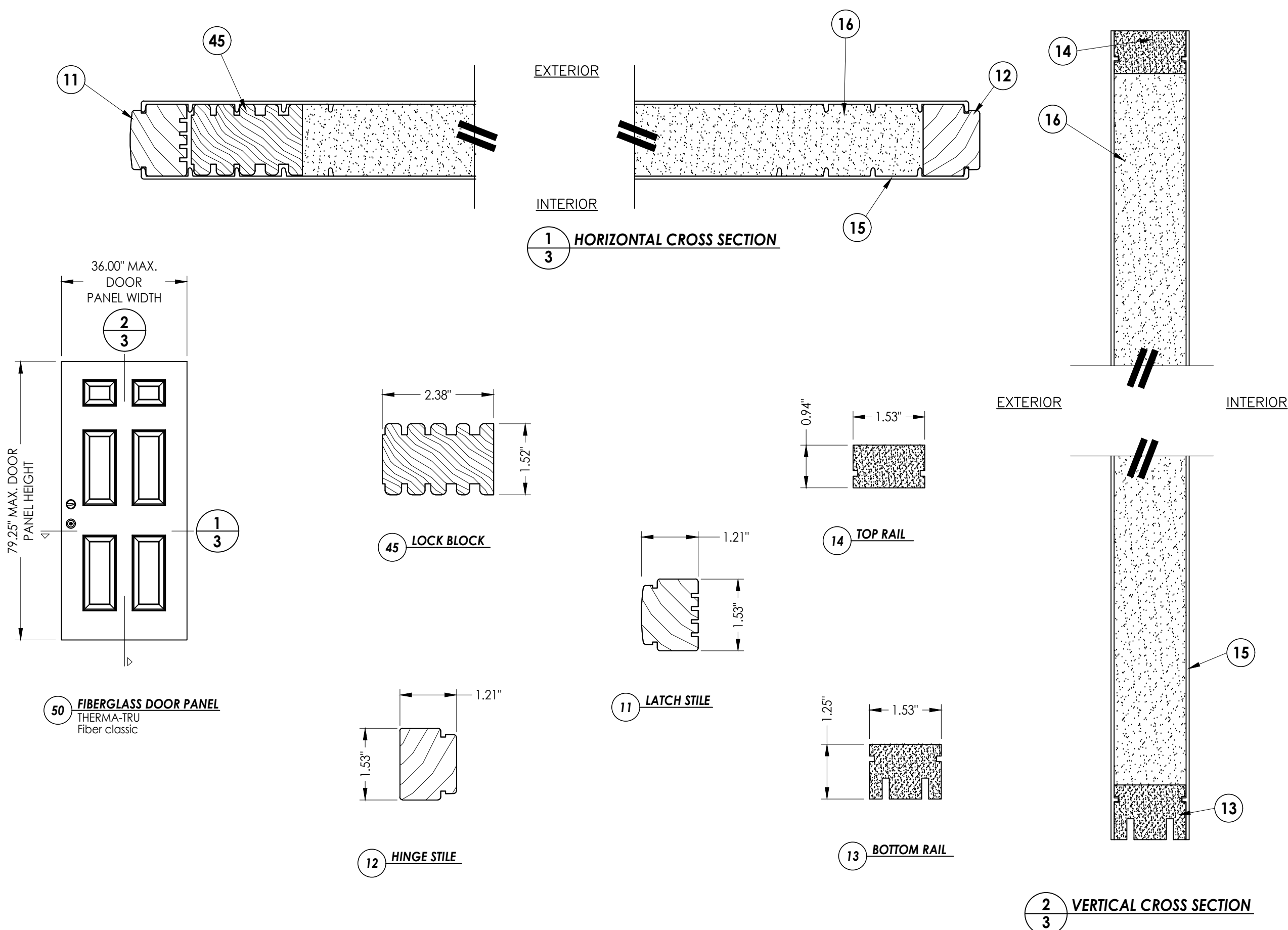
| PRODUCT:            |         | PART OR ASSEMBLY:                    |     |
|---------------------|---------|--------------------------------------|-----|
| DUNBARTON REDIFRAME |         | ONE-PIECE STEEL FRAME                |     |
|                     |         | STEEL FRAME CROSS SECTIONS & DETAILS |     |
| NO.                 | DATE    | REVISIONS                            | BY  |
| 4                   | 7/01/26 | UPDATE TO 9TH ED. (2026) FBC         | LFS |
| 3                   | 7/06/23 | UPDATE TO 8TH ED. (2023) FBC         | LFS |
| 2                   | 8/12/20 | UPDATE TO 7TH ED. (2020) FBC         | DAC |
| 1                   | 9/29/17 | UPDATE TO 6TH ED. (2017) FBC         | LFS |

|              |            |
|--------------|------------|
| DATE:        | 3/30/15    |
| SCALE:       | N.T.S.     |
| DWG. BY:     | JK         |
| CHK. BY:     | LFS        |
| DRAWING NO.: | FL-15366.4 |
| SHEET        | 2 of 7     |

Documents Prepared By:  
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P.E. No. 43409

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

DUNBARTON REDIFRAME  
ONE-PIECE STEEL FRAME

PART OR ASSEMBLY:  
DOOR PANEL DETAILS

DATE: 3/30/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15366.4

SHEET 3 OF 7

REVISIONS

| NO. | DATE    | BY                               |
|-----|---------|----------------------------------|
| 4   | 7/01/26 | UPDATE TO 9TH ED. (2026) FBC LFS |
| 3   | 7/06/23 | UPDATE TO 8TH ED. (2023) FBC LFS |
| 2   | 8/12/20 | UPDATE TO 7TH ED. (2020) FBC DAC |
| 1   | 9/29/17 | UPDATE TO 6TH ED. (2017) FBC LFS |

Building Consultants, Inc.

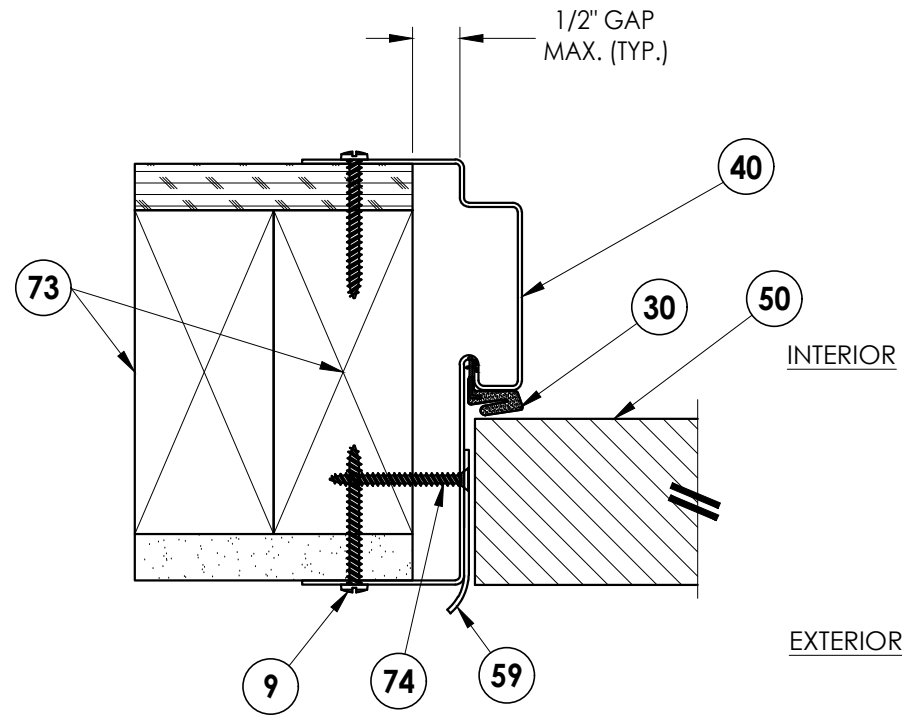
P.O. Box 230, Valrico, FL 33595

Phone No.: 813.659.9197

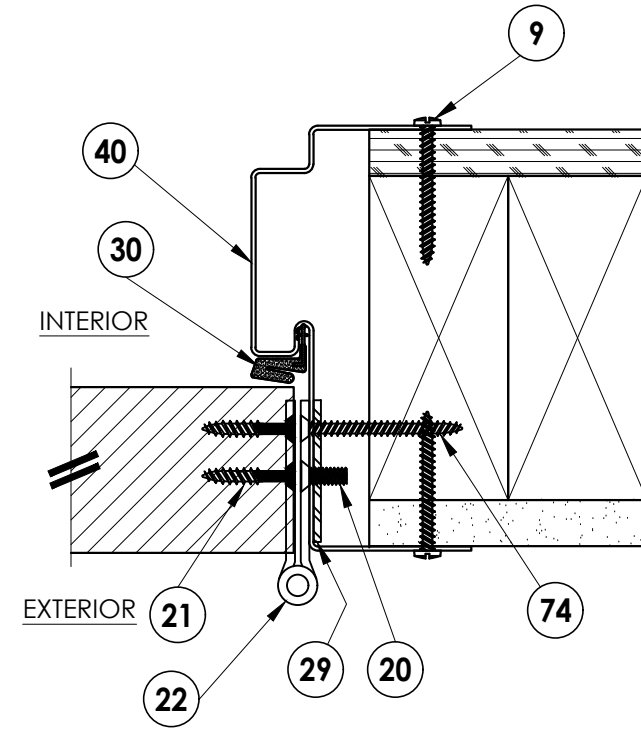
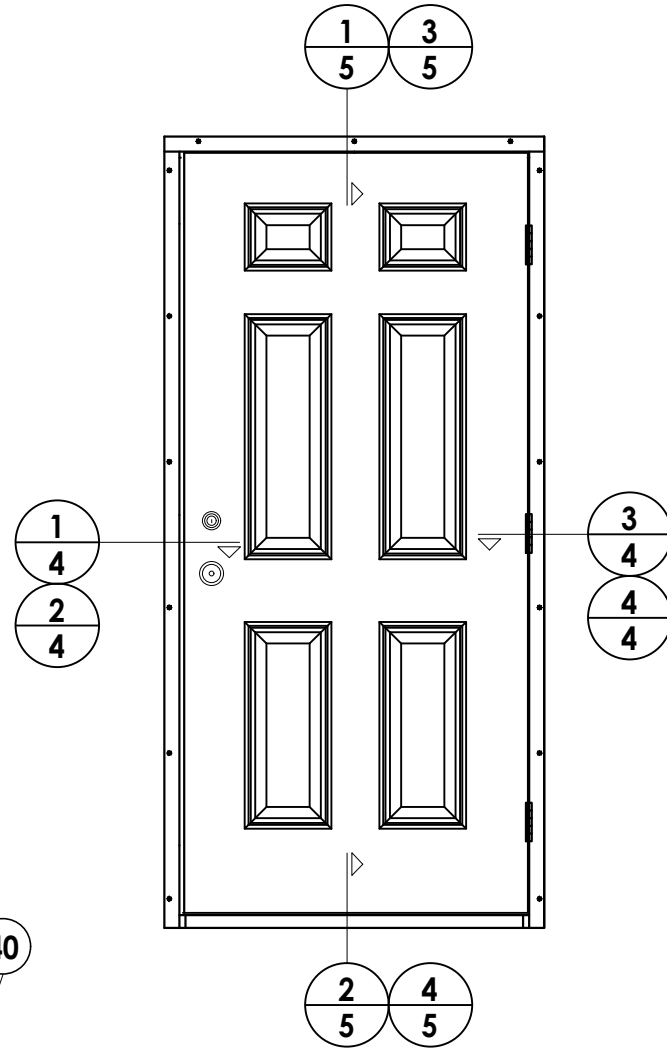
FBPE Registry No. 9813

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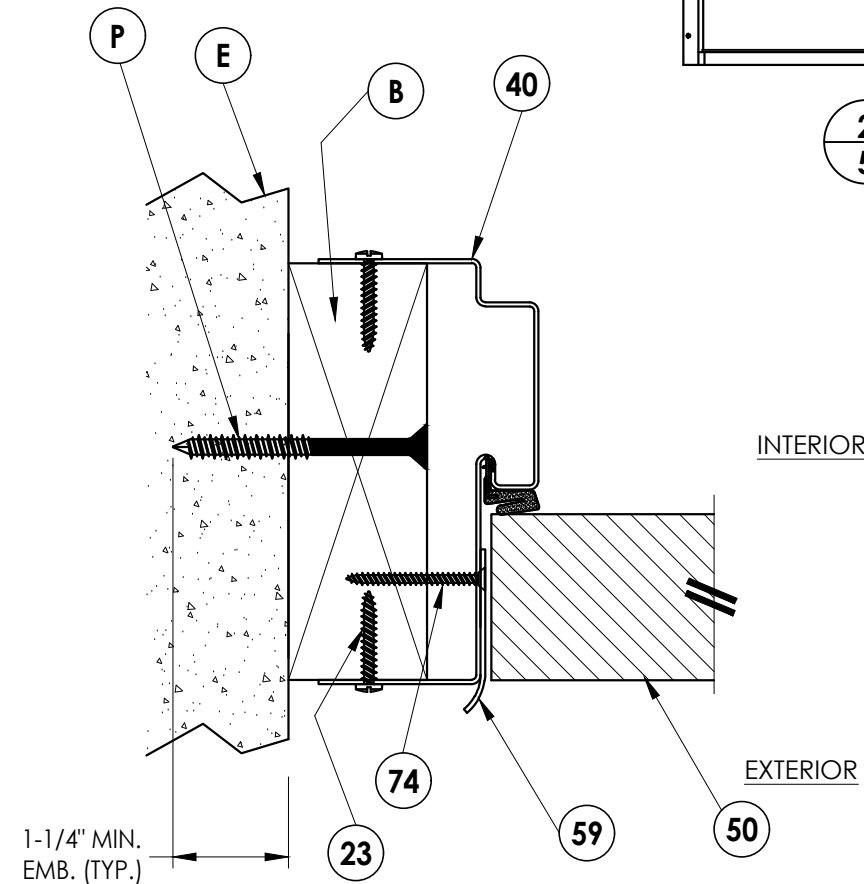
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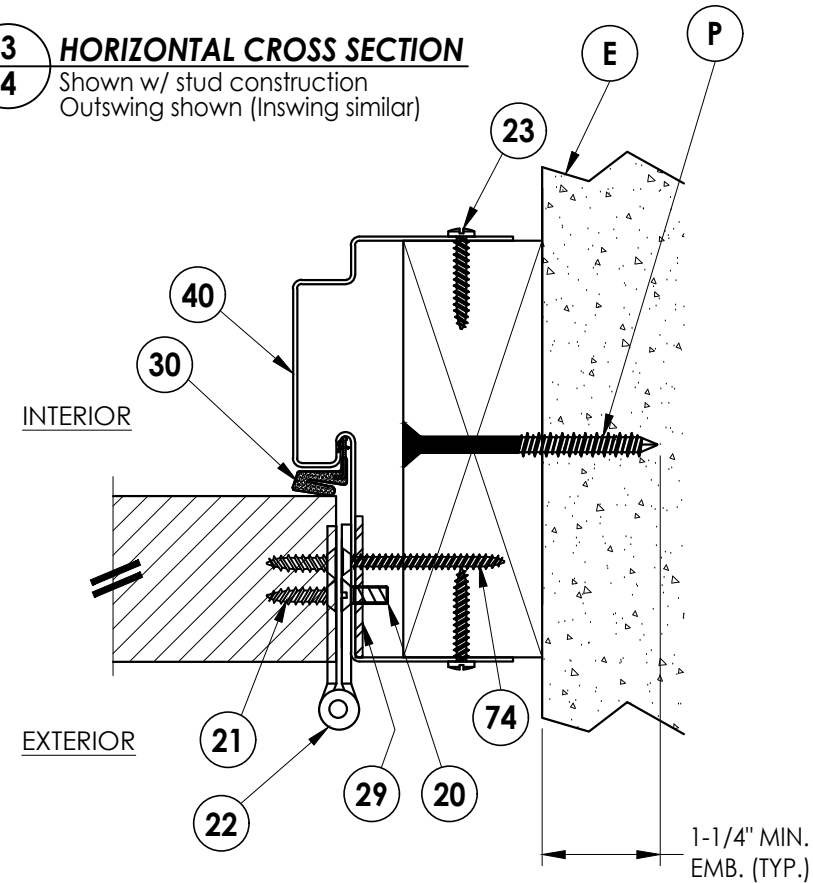
**1**  
**4** **HORIZONTAL CROSS SECTION**  
Shown w/ stud construction  
Outswing shown (Inswing similar)



**3**  
**4** **HORIZONTAL CROSS SECTION**  
Shown w/ stud construction  
Outswing shown (Inswing similar)



**2**  
**4** **HORIZONTAL CROSS SECTION**  
2X wood buck @ latch  
Outswing shown (Inswing similar)



**4**  
**4** **HORIZONTAL CROSS SECTION**  
2X wood buck @ hinge  
Outswing shown (Inswing similar)

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:  
DUNBARTON REDIFRAME  
ONE-PIECE STEEL FRAME

PART OR ASSEMBLY:  
HORIZONTAL  
CROSS SECTIONS

| NO. | DATE    | REVISIONS         |        |     |     |
|-----|---------|-------------------|--------|-----|-----|
|     |         | BY                | LFS    | FBC | DAC |
| 4   | 7/01/26 | UPDATE TO 9TH ED. | (2026) | FBC |     |
| 3   | 7/06/23 | UPDATE TO 8TH ED. | (2023) | FBC |     |
| 2   | 8/12/20 | UPDATE TO 7TH ED. | (2020) | FBC |     |
| 1   | 9/29/17 | UPDATE TO 6TH ED. | (2017) | FBC |     |

DATE: 3/30/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

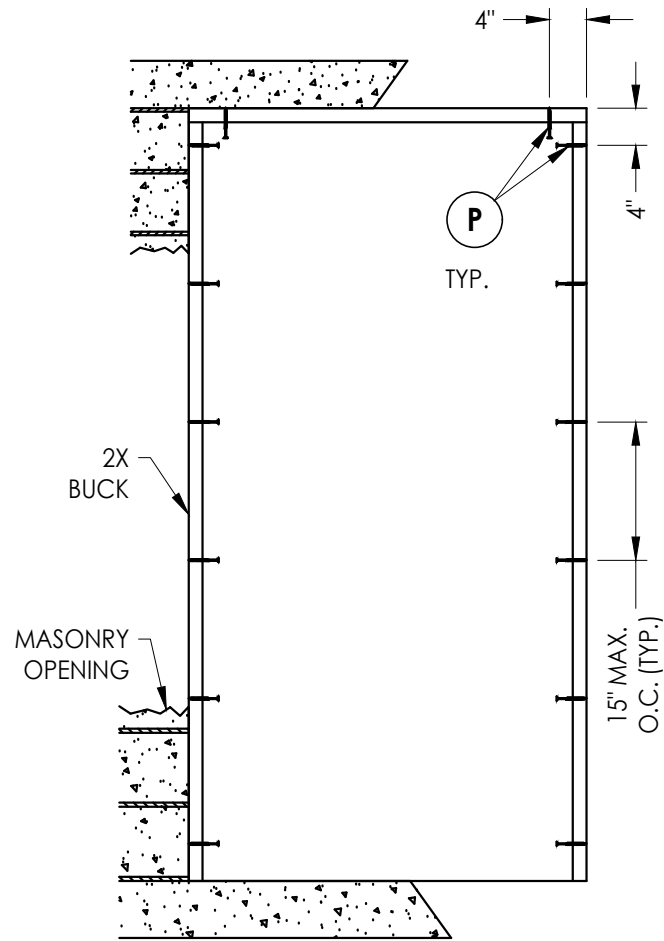
DRAWING NO.:

FL-15366.4

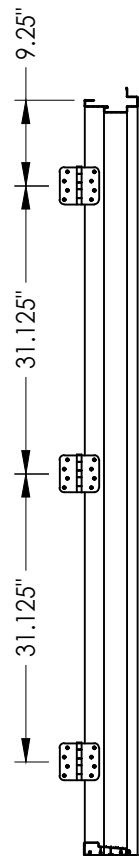
SHEET 4 of 7



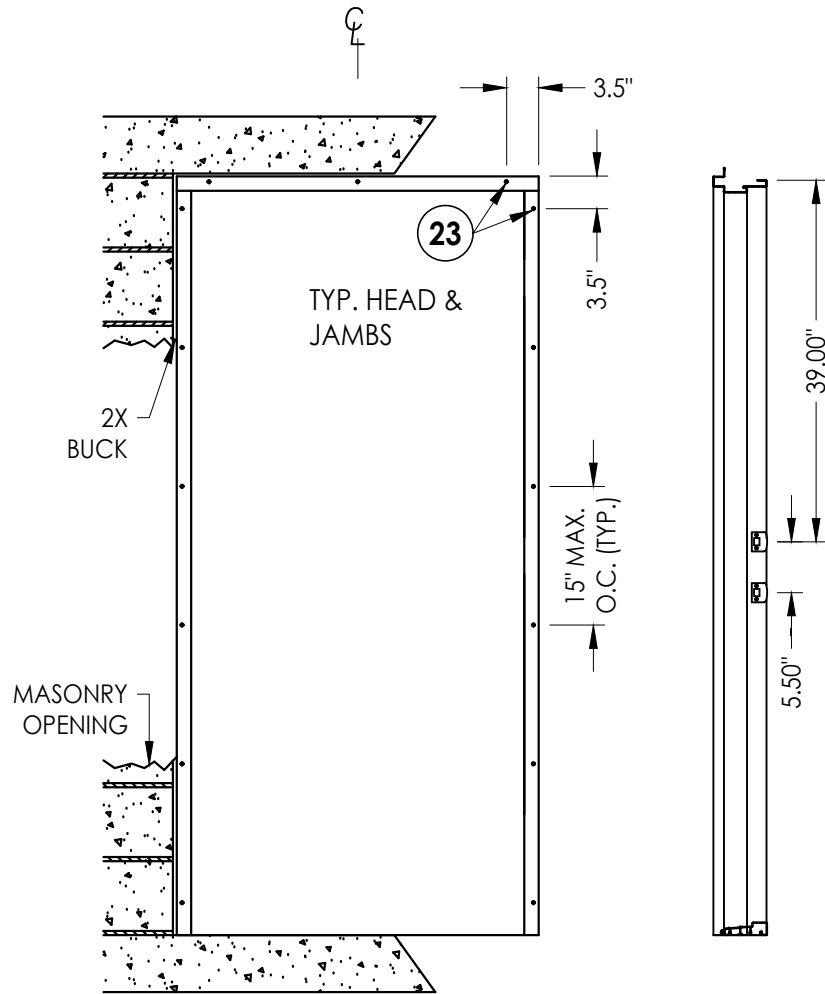
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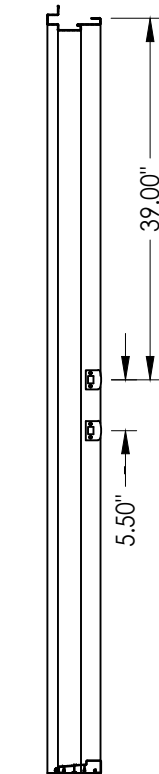
BUCK ANCHORING



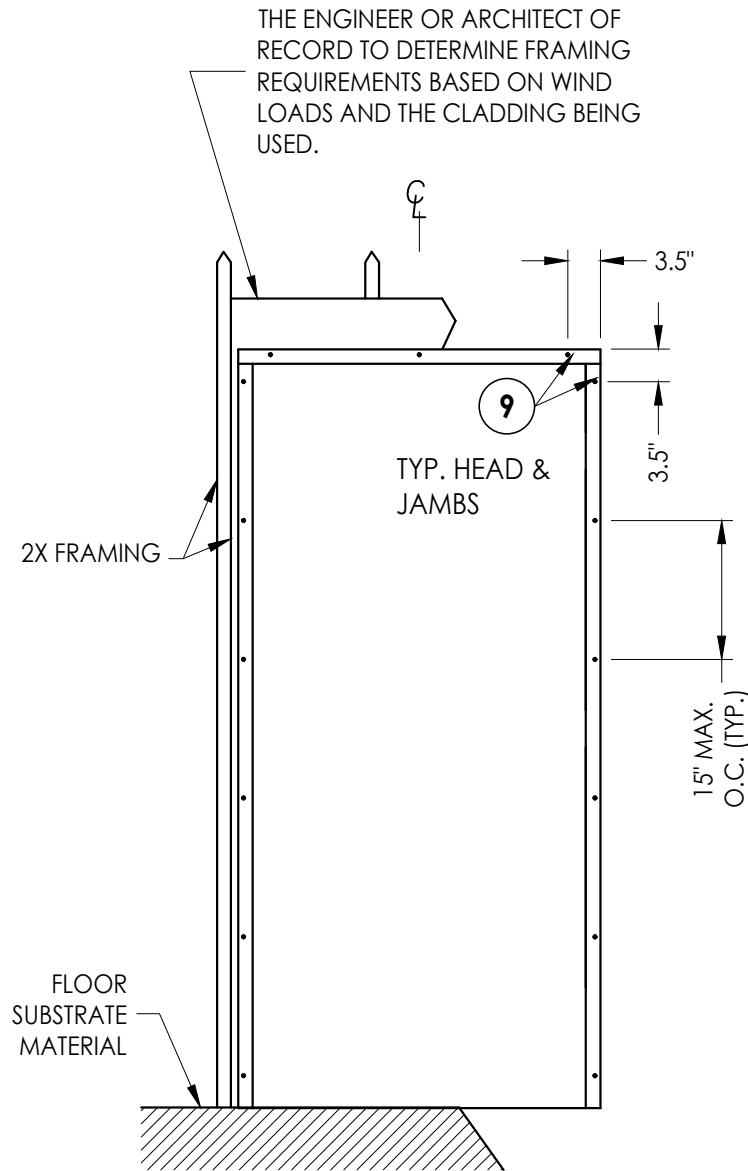
HINGE JAMB



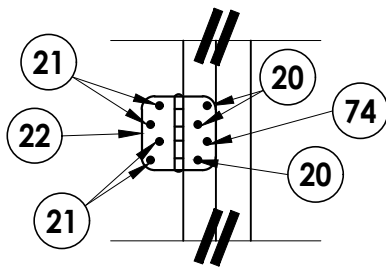
FRAME ANCHORING  
2X MASONRY



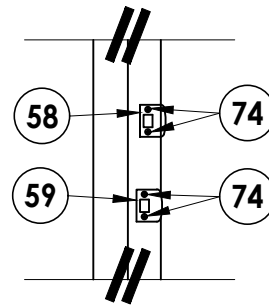
STRIKE JAMB



FRAME ANCHORING  
STUD CONSTRUCTION



HINGE DETAIL



STRIKE DETAIL

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 ULTRAICON® | 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.

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

PRODUCT:  
DUNBARTON REDIFRAME  
ONE-PIECE STEEL FRAME

PART OR ASSEMBLY:  
BUCK & FRAME ANCHORING

| NO. | DATE    | REVISIONS                        |
|-----|---------|----------------------------------|
| 4   | 7/01/26 | UPDATE TO 9TH ED. (2026) FBC LFS |
| 3   | 7/06/23 | UPDATE TO 8TH ED. (2023) FBC LFS |
| 2   | 8/12/20 | UPDATE TO 7TH ED. (2020) FBC DAC |
| 1   | 9/29/17 | UPDATE TO 6TH ED. (2017) FBC LFS |

DATE: 3/30/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15366.4

SHEET 6 OF 7

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