

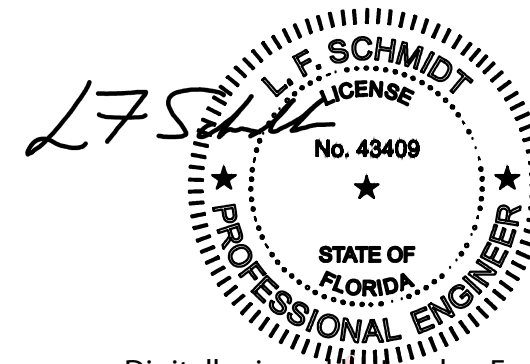
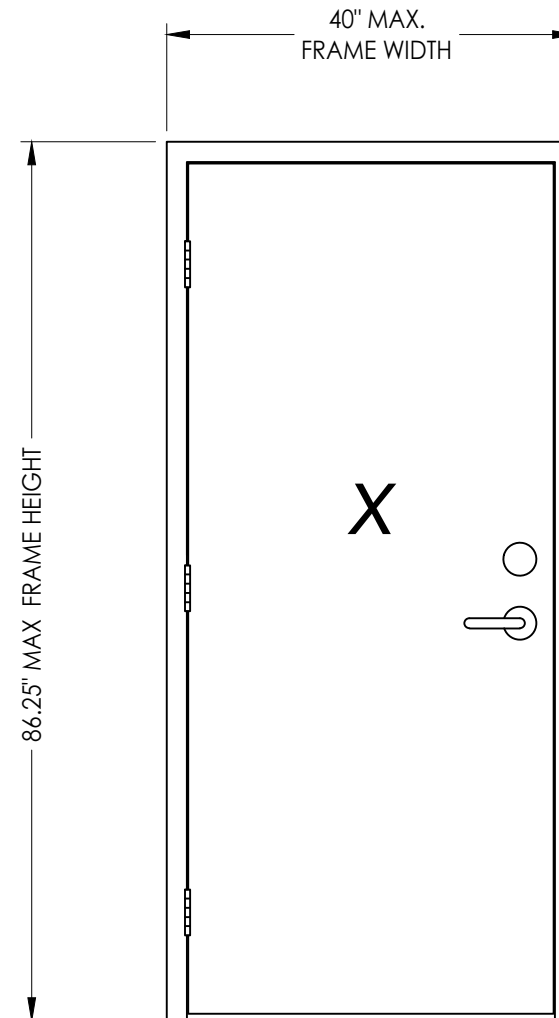


868 MURRAY ROAD, DOTHAN, AL 36303

"REDIFRAME PD"  
HOLLOW METAL FRAME  
INSWING/OUTSWING  
"IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements including 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 the "HVHZ", this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
4. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
6. This product does not meet the water infiltration requirements for the "HVHZ" and shall be installed only in non-habitable areas or at habitable locations protected by an overhang or canopy such that the angle between the edge of canopy or overhang to sill is less than 45 degrees.
7. When used in the "HVHZ", steel must be protected as specified in FBC Section 2222.6



Digitally signed by Lyndon F Schmidt  
Date: 2026.07.01 12:25:48 -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

| TABLE OF CONTENTS |                                                       |
|-------------------|-------------------------------------------------------|
| SHEET #           | DESCRIPTION                                           |
| 1                 | Typical elevations, design pressures, & general notes |
| 2                 | Door panel details                                    |
| 3                 | Door panel details                                    |
| 4                 | Elevations & vertical cross sections                  |
| 5                 | Horizontal cross sections                             |
| 6                 | Frame anchoring                                       |
| 7                 | Bill of materials & components                        |

| MAX.<br>OVERALL<br>DIMENSION | DESIGN PRESSURE (PSF)<br>INSWING |          | DESIGN PRESSURE (PSF)<br>OUTSWING |          |
|------------------------------|----------------------------------|----------|-----------------------------------|----------|
|                              | POSITIVE                         | NEGATIVE | POSITIVE                          | NEGATIVE |
| 40.0" X 86.25"               | +65.0                            | -65.0    | +65.0                             | -65.0    |

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

PRODUCT: DUNBARTON

PART OR ASSEMBLY:  
TYPICAL ELEVATIONS, DESIGN  
PRESSURES & GENERAL NOTES

27/01/26  
UPDATE TO 9TH ED. (2026) FBC

17/06/23  
UPDATE TO 8TH ED. (2023) FBC

NO. DATE

BY

REVISIONS

DATE: 10/13/20

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

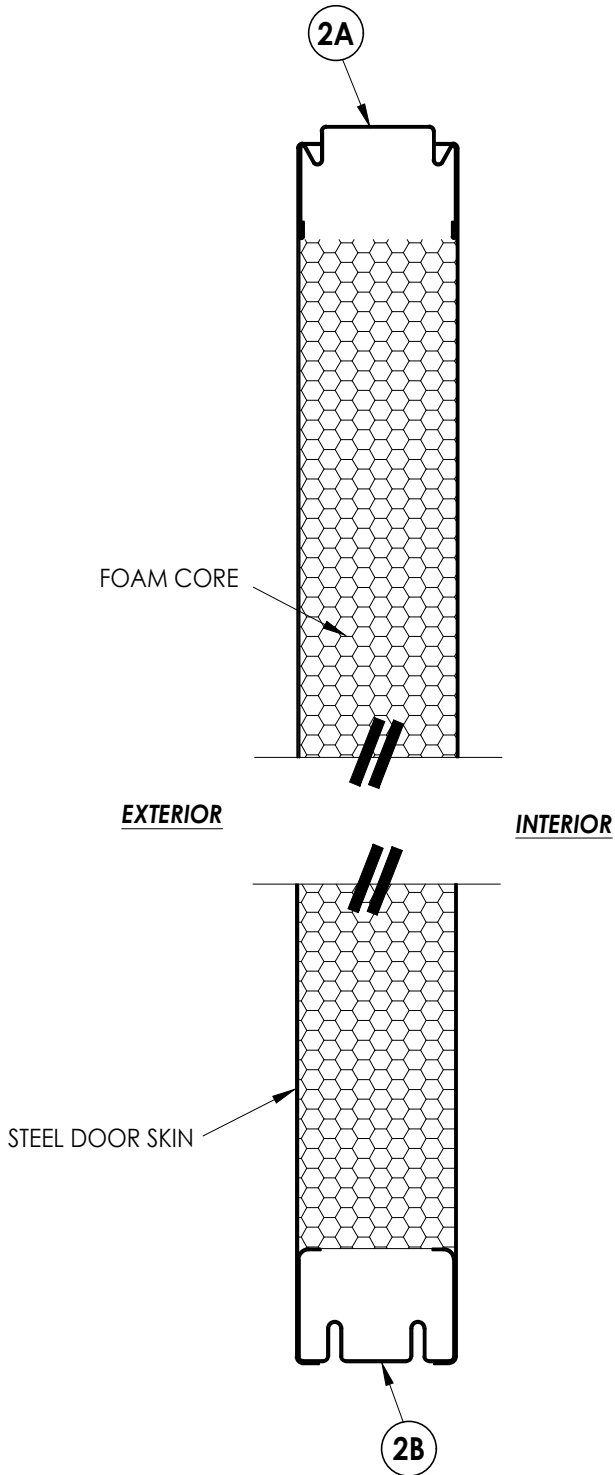
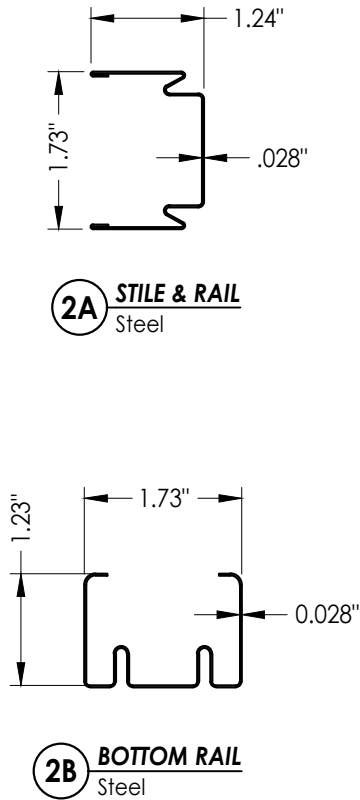
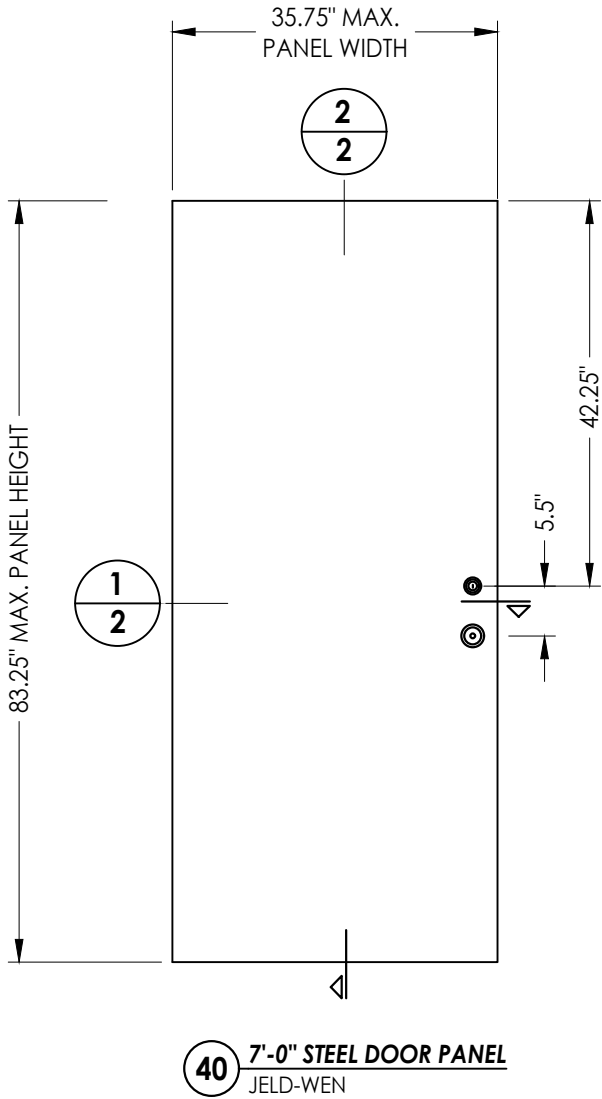
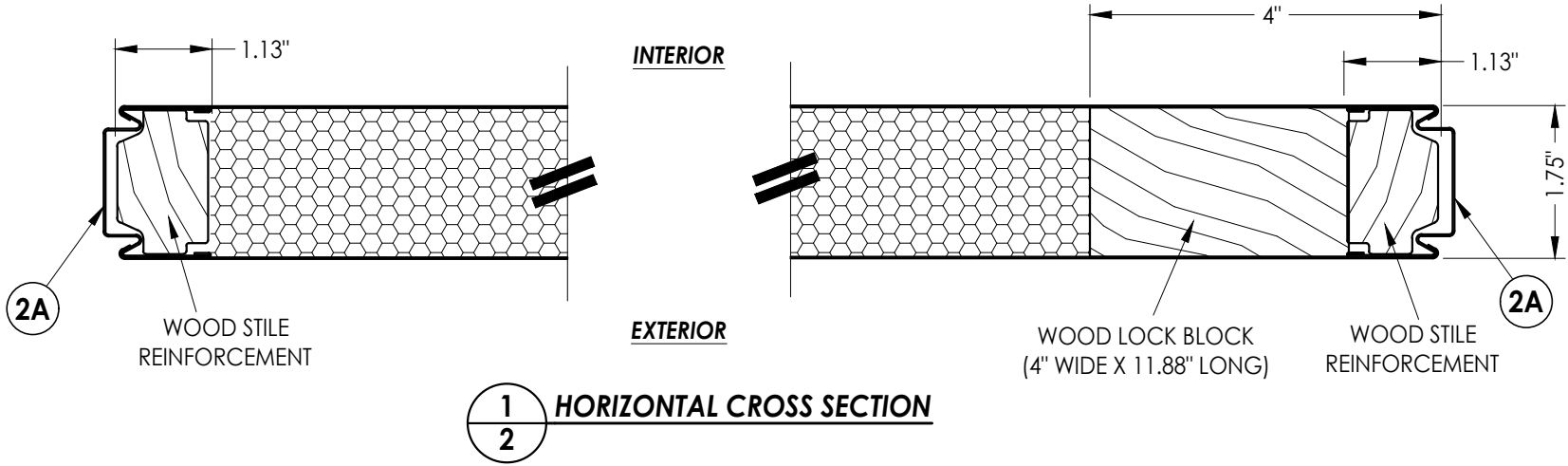
DRAWING NO.: FL-9231.5

SHEET 1 OF 7

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

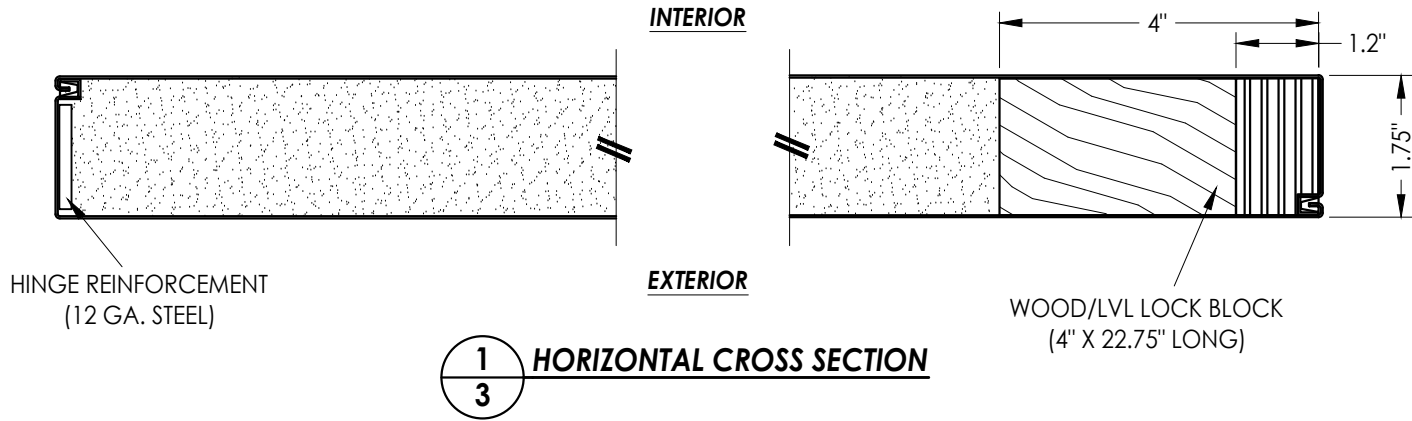
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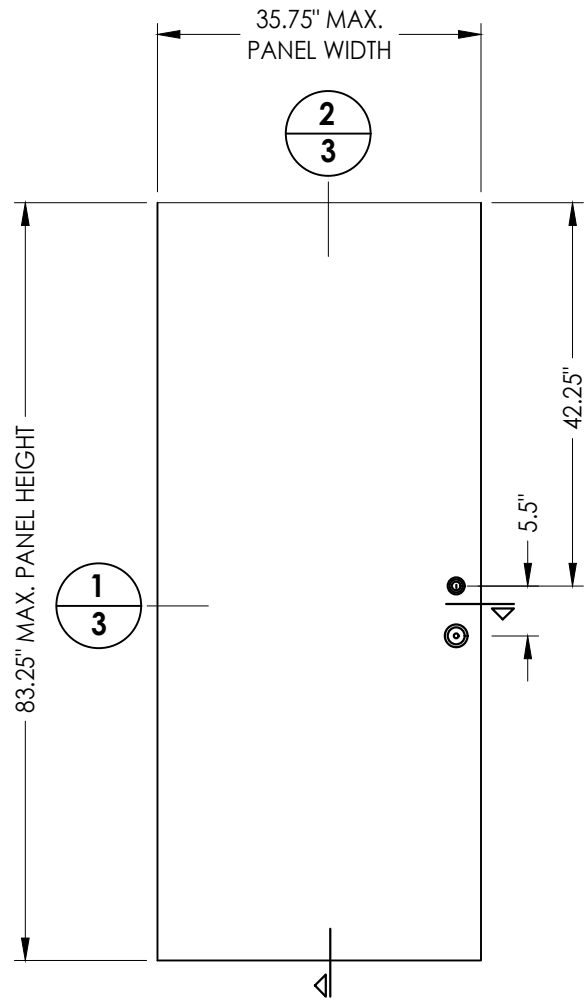
DOOR SKIN: 0.022" MIN. THK. GALV. STEEL (Fy = 31,300 PSI MIN.)  
FOAM CORE: POLYSTYRENE

|                                                               |  |                                            |  |                                                                                                                    |         |                          |         |
|---------------------------------------------------------------|--|--------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------|---------|--------------------------|---------|
| Documents Prepared By:<br>Lyndon F. Schmidt<br>P.E. No. 43409 |  |                                            |  | BUILDING CONSULTANTS, INC.<br>P.O. Box 230, Valrico, FL 33595<br>Phone No.: 813.659.9197<br>FBPE Registry No. 9813 |         |                          |         |
| PRODUCT:<br>DUNBARTON                                         |  | PART OR ASSEMBLY:<br>DOOR<br>PANEL DETAILS |  |                                                                                                                    |         |                          |         |
|                                                               |  |                                            |  | 2                                                                                                                  | 7/01/26 | UPDATE TO 9TH ED. (2026) | FBC LFS |
|                                                               |  |                                            |  | 1                                                                                                                  | 7/06/23 | UPDATE TO 8TH ED. (2023) | FBC LFS |
|                                                               |  |                                            |  | NO.                                                                                                                | DATE    |                          | BY      |
|                                                               |  |                                            |  | REVISIONS                                                                                                          |         |                          |         |
| DATE: 10/13/20                                                |  |                                            |  |                                                                                                                    |         |                          |         |
| SCALE: N.T.S.                                                 |  |                                            |  |                                                                                                                    |         |                          |         |
| DWG. BY: RW                                                   |  |                                            |  |                                                                                                                    |         |                          |         |
| CHK. BY: LFS                                                  |  |                                            |  |                                                                                                                    |         |                          |         |
| DRAWING NO.: FL-9231.5                                        |  |                                            |  |                                                                                                                    |         |                          |         |
| SHEET 2 OF 7                                                  |  |                                            |  |                                                                                                                    |         |                          |         |

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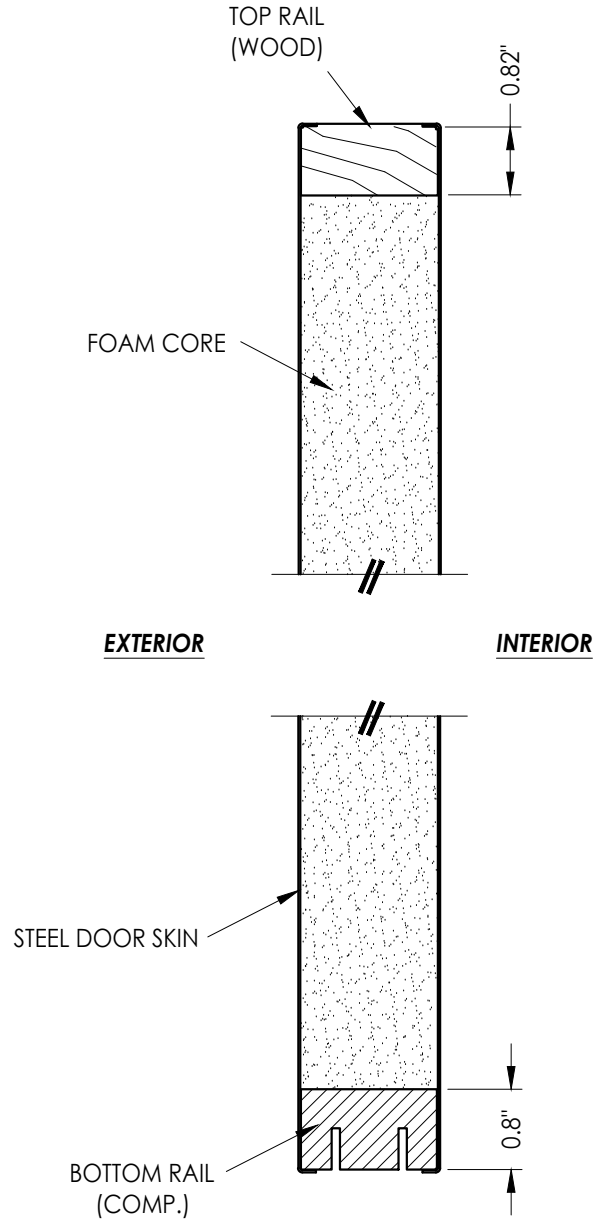


**1**  
**3** **HORIZONTAL CROSS SECTION**



**41** **7'-0" STEEL DOOR PANEL**  
Masonite

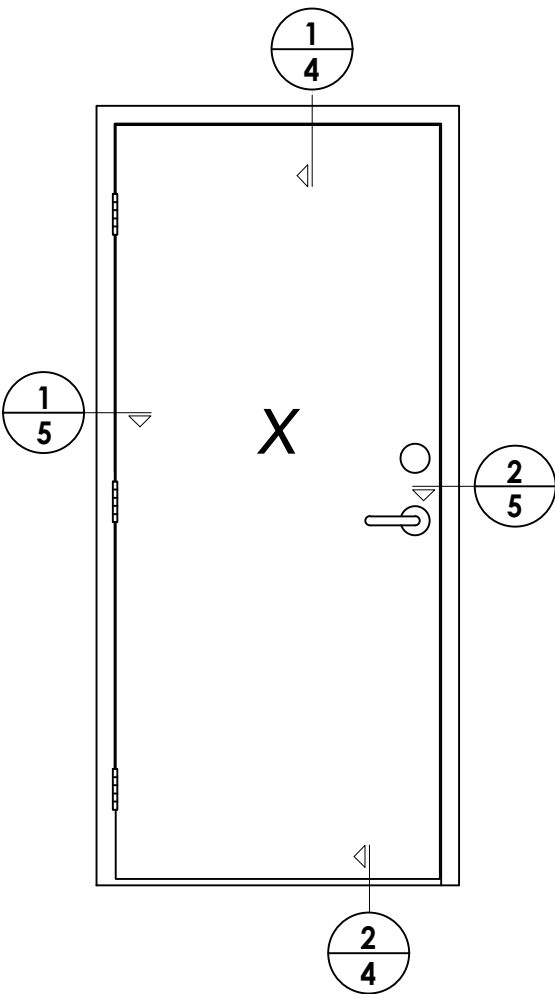
DOOR SKIN: 0.022" MIN. THK. GALV. STEEL (Fy = 30,500 PSI MIN.)  
CORE MATERIAL: POLYURETHANE CORE



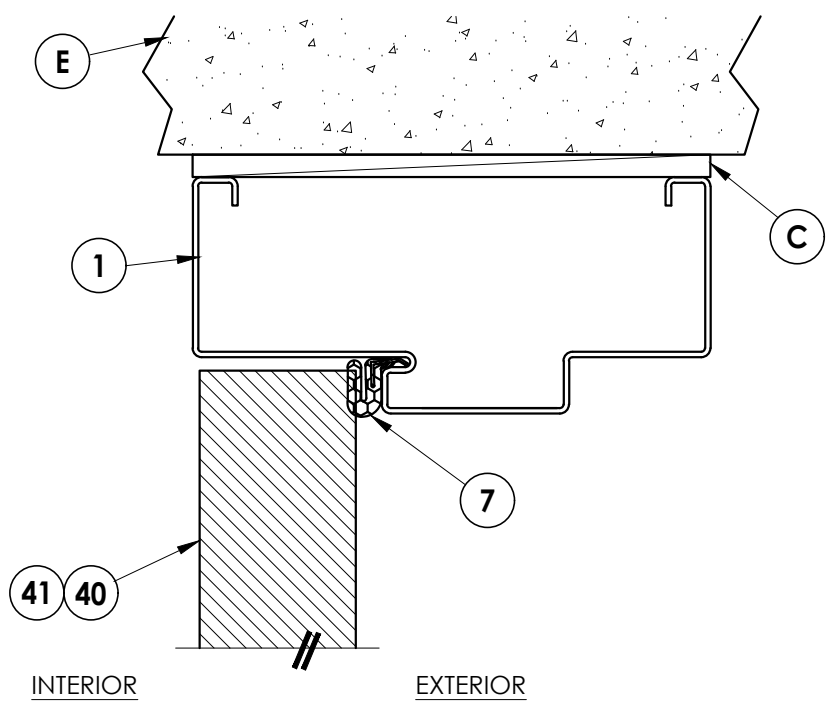
**2**  
**3** **VERTICAL CROSS SECTION**

|                                                               |  |                                            |  |                                                                                                                    |                          |     |  |
|---------------------------------------------------------------|--|--------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------|--------------------------|-----|--|
| Documents Prepared By:<br>Lyndon F. Schmidt<br>P.E. No. 43409 |  |                                            |  | BUILDING CONSULTANTS, INC.<br>P.O. Box 230, Valrico, FL 33595<br>Phone No.: 813.659.9197<br>FBPE Registry No. 9813 |                          |     |  |
| PRODUCT:<br>DUNBARTON                                         |  | PART OR ASSEMBLY:<br>DOOR<br>PANEL DETAILS |  |                                                                                                                    |                          |     |  |
|                                                               |  |                                            |  | LFS                                                                                                                | UPDATE TO 9TH ED. (2026) | FBC |  |
|                                                               |  |                                            |  | LFS                                                                                                                | UPDATE TO 8TH ED. (2023) | FBC |  |
|                                                               |  |                                            |  | NO                                                                                                                 | DATE                     |     |  |
|                                                               |  |                                            |  | REVISIONS                                                                                                          |                          |     |  |
| DATE: 10/13/20                                                |  |                                            |  |                                                                                                                    |                          |     |  |
| SCALE: N.T.S.                                                 |  |                                            |  |                                                                                                                    |                          |     |  |
| DWG. BY: RW                                                   |  |                                            |  |                                                                                                                    |                          |     |  |
| CHK. BY: LFS                                                  |  |                                            |  |                                                                                                                    |                          |     |  |
| DRAWING NO.: FL-9231.5                                        |  |                                            |  |                                                                                                                    |                          |     |  |
| SHEET 3 OF 7                                                  |  |                                            |  |                                                                                                                    |                          |     |  |

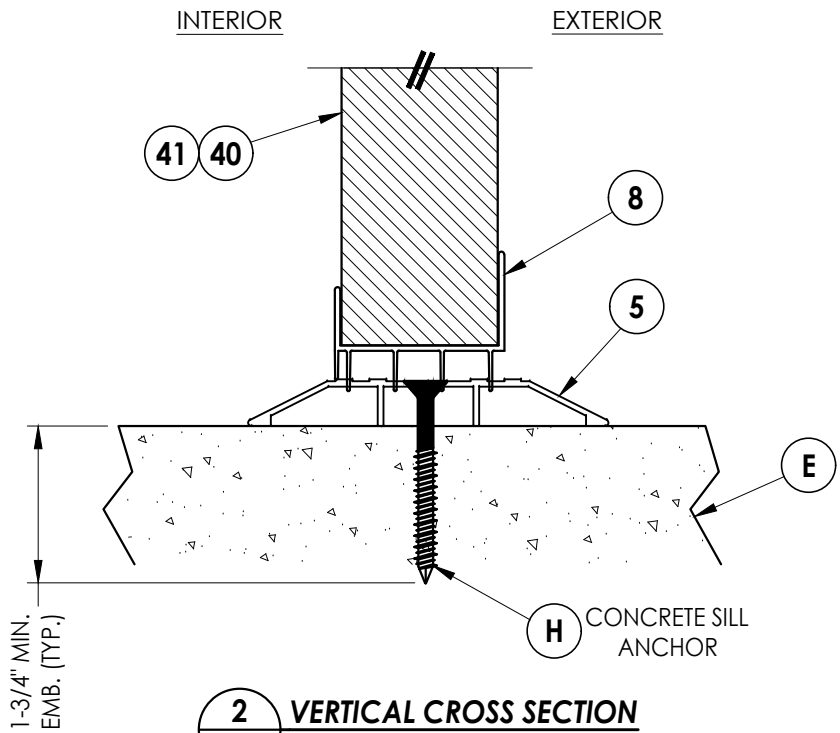
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| LOCK HARDWARE                  |  |
|--------------------------------|--|
| LATCH:                         |  |
| SCHLAGE (J10SOL)               |  |
| DEADBOLT:                      |  |
| KWIKSET SIGNATURE SERIES (780) |  |

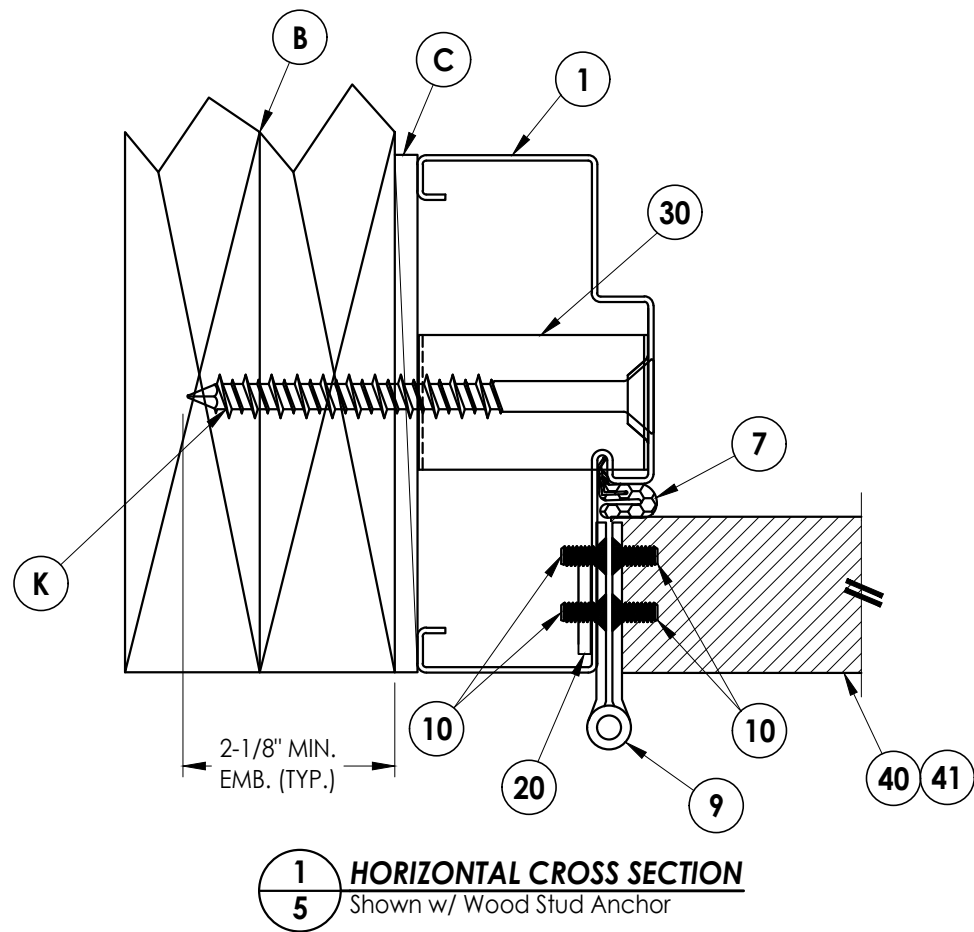


1  
4 VERTICAL CROSS SECTION  
Inswing Shown (Outswing Similar)



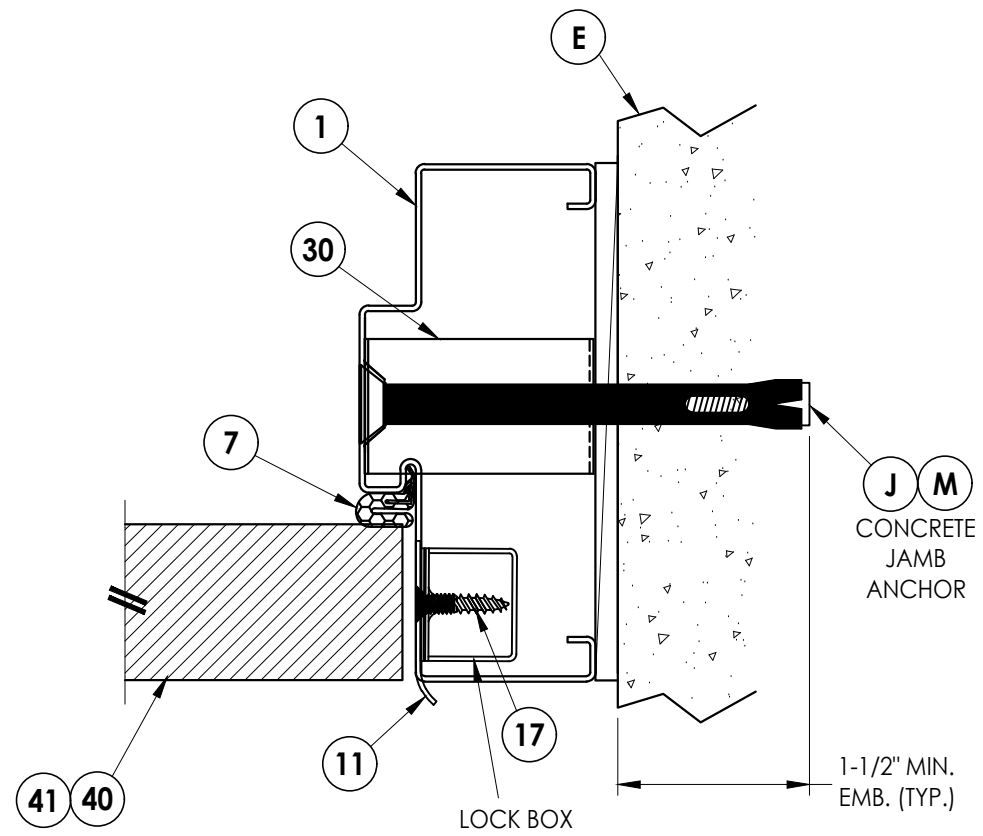
2  
4 VERTICAL CROSS SECTION

|                                                               |         |                                                                                                                    |    |
|---------------------------------------------------------------|---------|--------------------------------------------------------------------------------------------------------------------|----|
| Documents Prepared By:<br>Lyndon F. Schmidt<br>P.E. No. 43409 |         | BUILDING CONSULTANTS, INC.<br>P.O. Box 230, Valrico, FL 33595<br>Phone No.: 813.659.9197<br>FBPE Registry No. 9813 |    |
| PRODUCT:<br>DUNBARTON                                         |         | PART OR ASSEMBLY:<br>ELEVATION & VERTICAL<br>CROSS SECTIONS                                                        |    |
|                                                               |         | LFS                                                                                                                | BY |
|                                                               |         | FBC                                                                                                                |    |
| 2                                                             | 7/01/26 | UPDATE TO 9TH ED. (2026)                                                                                           |    |
| 1                                                             | 7/06/23 | UPDATE TO 8TH ED. (2023)                                                                                           |    |
| NO.                                                           | DATE    |                                                                                                                    |    |
| REVISIONS                                                     |         |                                                                                                                    |    |
| DATE: 10/13/20                                                |         |                                                                                                                    |    |
| SCALE: N.T.S.                                                 |         |                                                                                                                    |    |
| DWG. BY: RW                                                   |         |                                                                                                                    |    |
| CHK. BY: LFS                                                  |         |                                                                                                                    |    |
| DRAWING NO.: FL-9231.5                                        |         |                                                                                                                    |    |
| SHEET 4 OF 7                                                  |         |                                                                                                                    |    |



EXTERIOR

INTERIOR



**2** **HORIZONTAL CROSS SECTION**  
**5** Shown w/ Concrete Jamb Anchor

|     |         |                   |            |           |
|-----|---------|-------------------|------------|-----------|
|     |         |                   |            |           |
|     |         |                   |            |           |
|     |         |                   |            |           |
|     |         |                   |            |           |
|     |         |                   |            |           |
| 2   | 7/01/26 | UPDATE TO 9TH ED. | (2026) FBC | LFS       |
| 1   | 7/06/23 | UPDATE TO 8TH ED. | (2023) FBC | LFS       |
| NO. | DATE    |                   |            | BY        |
|     |         |                   |            | REVISIONS |

|              |           |
|--------------|-----------|
| DATE:        | 10/13/20  |
| SCALE:       | N.T.S.    |
| DWG. BY:     | RW        |
| CHK. BY:     | LFS       |
| DRAWING NO.: | FL-9231.5 |
| SHEET        | 5 OF 7    |

PRODUCT:

DUNBARTON

PART OR ASSEMBLY:

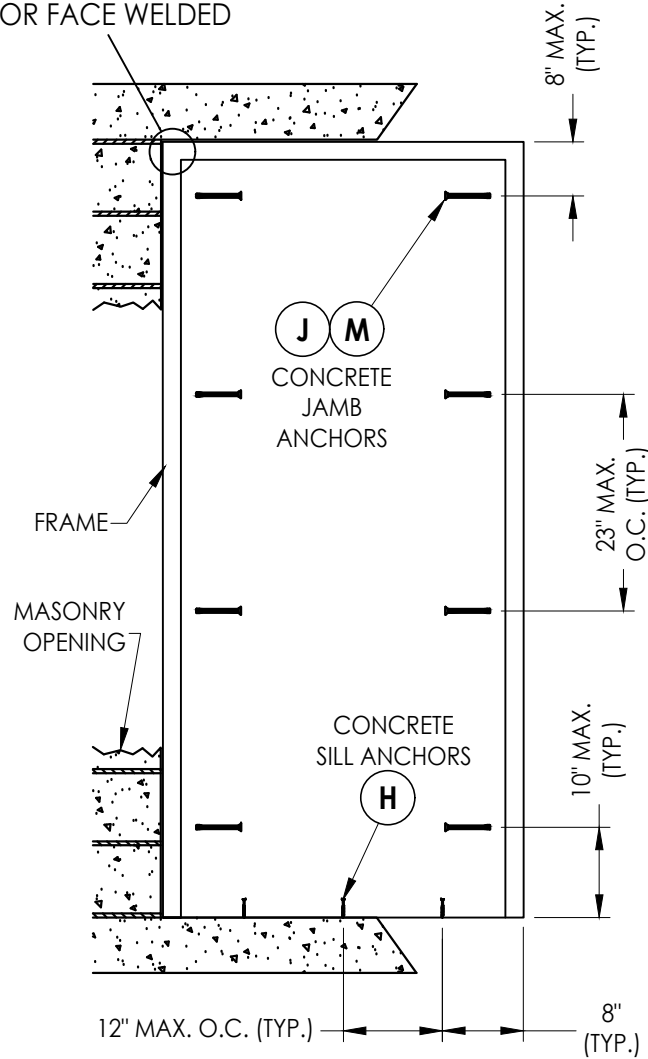
## HORIZONTAL CROSS SECTIONS

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

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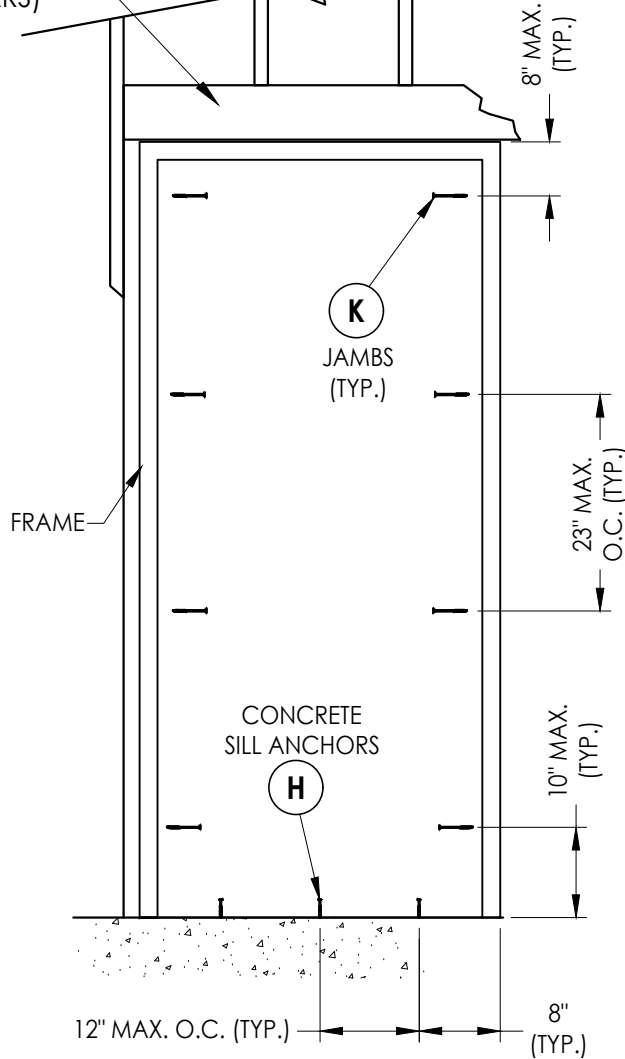
FRAME CORNER:  
KNOCK DOWN TABS  
OR FACE WELDED



**FRAME ANCHORING**

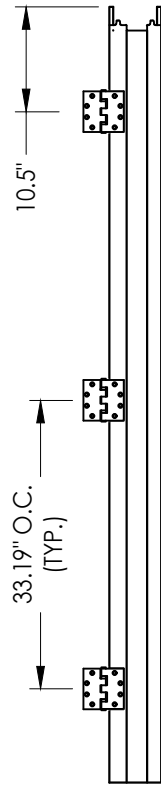
Masonry Construction  
Concrete Anchors

WOOD STUD FRAMING  
(BY OTHERS)

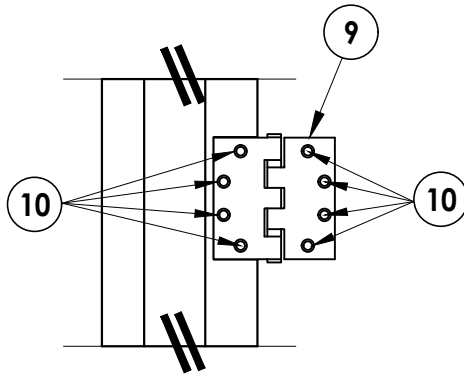


**FRAME ANCHORING**

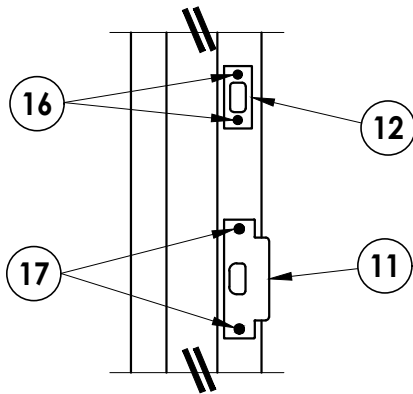
Wood Stud



**HINGE JAMB**



**HINGE DETAIL**



**STRIKE DETAIL**  
Latch & Deadbolt

**CONCRETE ANCHOR NOTES:**

- Concrete screw locations at the corners may be adjusted to maintain a minimum 1" edge distance to mortar joints. If concrete screw locations noted as "MAX. O.C." 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.
- Concrete anchor table:

| ANCHOR TYPE            | ANCHOR LOCATION | ANCHOR SIZE | MANUFACTURER                                 | MIN. EDGE DISTANCE | MIN. EMBEDMENT |
|------------------------|-----------------|-------------|----------------------------------------------|--------------------|----------------|
| CONCRETE ANCHOR SCREW  | JAMBS           | 3/8"        | LDT TAPCON® (ITW BUILDEX)                    | 3"                 | 1-1/2"         |
|                        | SILL            | 1/4"        | TAPCON® (ITW BUILDEX)<br>ULTRACON+® (DeWALT) | 2-1/2"             | 1-3/4"         |
| CONCRETE SLEEVE ANCHOR | JAMBS           | 3/8"        | DYNABOLT SLEEVE ANCHOR® (ITW REDHEAD)        | 2-1/4"             | 1-1/2"         |

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:  
DUNBARTON

PART OR ASSEMBLY:  
FRAME ANCHORING

| NO. | DATE    | REVISIONS                        |
|-----|---------|----------------------------------|
| 2   | 7/01/26 | UPDATE TO 9TH ED. (2026) FBC LFS |
| 1   | 7/06/23 | UPDATE TO 8TH ED. (2023) FBC LFS |
|     |         | BY                               |

DATE: 10/13/20

SCALE: N.T.S.

DWG. BY: RW

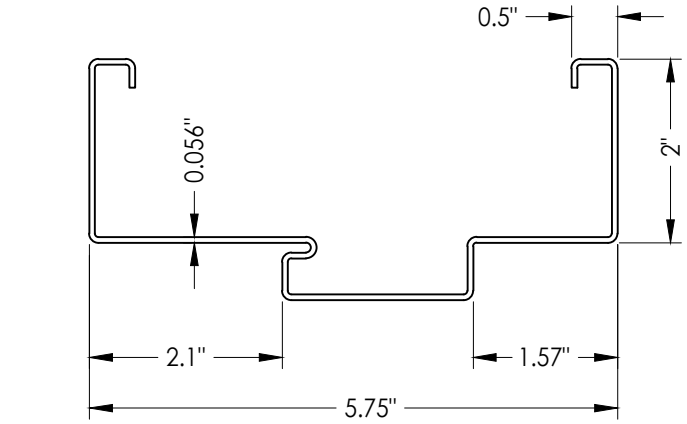
CHK. BY: LFS

DRAWING NO.:

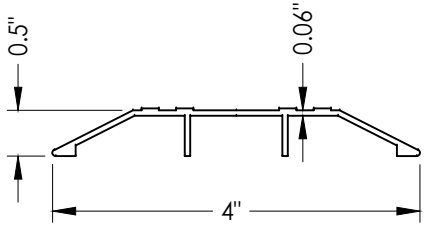
FL-9231.5

SHEET 6 OF 7

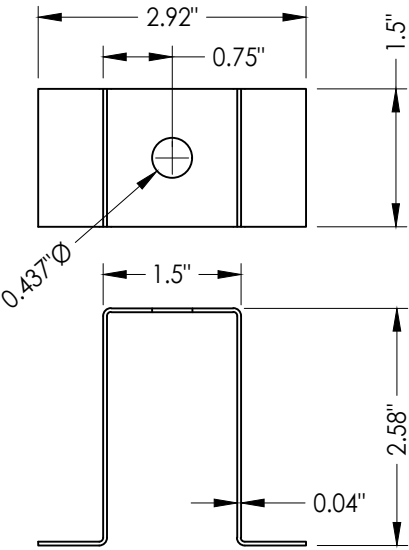
| BILL OF MATERIALS |                                                                                                               |          |
|-------------------|---------------------------------------------------------------------------------------------------------------|----------|
| ITEM #            | DESCRIPTION                                                                                                   | MATERIAL |
| B                 | 2X STUD FRAMING (G>= 0.55)                                                                                    | WOOD     |
| C                 | 1/4" MAX. SHIM SPACE                                                                                          | -        |
| E                 | MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK (GROUT FILLED) CONFORMING TO ASTM C90 | CONCRETE |
| H                 | 1/4" X 2-1/4" PFH CONCRETE SCREW (SEE CONCRETE ANCHOR TABLE)                                                  | STEEL    |
| J                 | 3/8" X 5" PFH DYNABOLT SLEEVE ANCHOR (SEE CONCRETE ANCHOR TABLE)                                              | STEEL    |
| K                 | 3/8" X 5" FH LAG SCREW (2-1/8" MIN. EMBEDMENT)                                                                | STEEL    |
| M                 | 3/8" X 5" LDT TAPCON CONCRETE SCREW (SEE CONCRETE ANCHOR TABLE)                                               | STEEL    |
| 1                 | HOLLOW METAL FRAME                                                                                            | STEEL    |
| 5                 | ADA THRESHOLD                                                                                                 | ALUM     |
| 7                 | WEATHERSTRIP                                                                                                  | -        |
| 8                 | DOOR SWEEP                                                                                                    | -        |
| 9                 | HINGE 4" X 4"                                                                                                 | STEEL    |
| 10                | #12-24 X 1/2" FH MACHINE SCREW                                                                                | STEEL    |
| 11                | LATCH STRIKE PLATE                                                                                            | STEEL    |
| 12                | DEADBOLT STRIKE PLATE                                                                                         | STEEL    |
| 16                | #8 X 3/4" FH SCREWS                                                                                           | STEEL    |
| 17                | #12 X 1" FH SCREWS                                                                                            | STEEL    |
| 18                | #12 X 1-1/8" PH SMS                                                                                           | STEEL    |
| 20                | HINGE REINFORCEMENT (12 GA.)                                                                                  | STEEL    |
| 30                | EXPANSION ANCHOR BRACKET(18 GA)                                                                               | STEEL    |
| 40                | STEEL DOOR PANEL (7'-0" DOOR JELD-WEN)                                                                        | STEEL    |
| 41                | STEEL DOOR PANEL (7'-0" DOOR MASONITE)                                                                        | STEEL    |



1 **HOLLOW METAL FRAME**  
16 GA. GALV. STEEL



**5** **ADA THRESHOLD**  
DLP ISHC



### 30 EXPANSION ANCHOR

[illegible]