



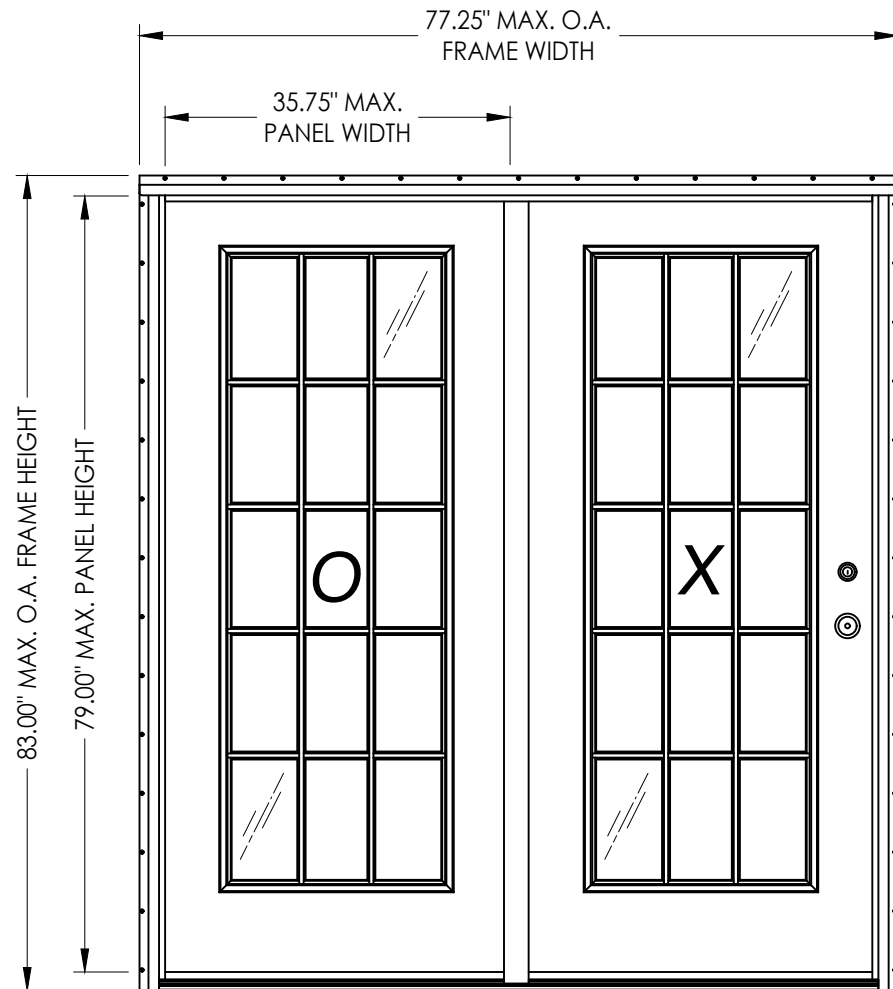
868 MURRAY ROAD, DOTHAN, AL 36303

ACHIEVER  
STEEL FRAME SYSTEM  
Center Hinged Patio  
Utilizing a Fiberglass Door Panel  
INSWING  
"NON-IMPACT"

GENERAL NOTES

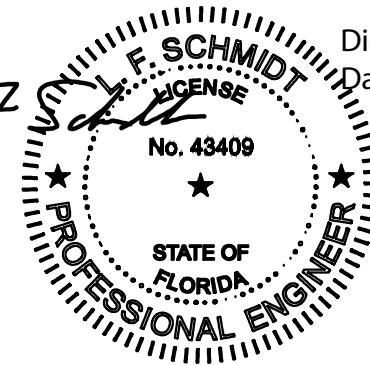
1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
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 |
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| 4                 | Vertical cross sections                              |
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| 7                 | Frame anchoring                                      |
| 8                 | Components                                           |
| 9                 | Bill of materials, glazing details and components    |



Retangular Glazed  
w/ Decorative Inserts

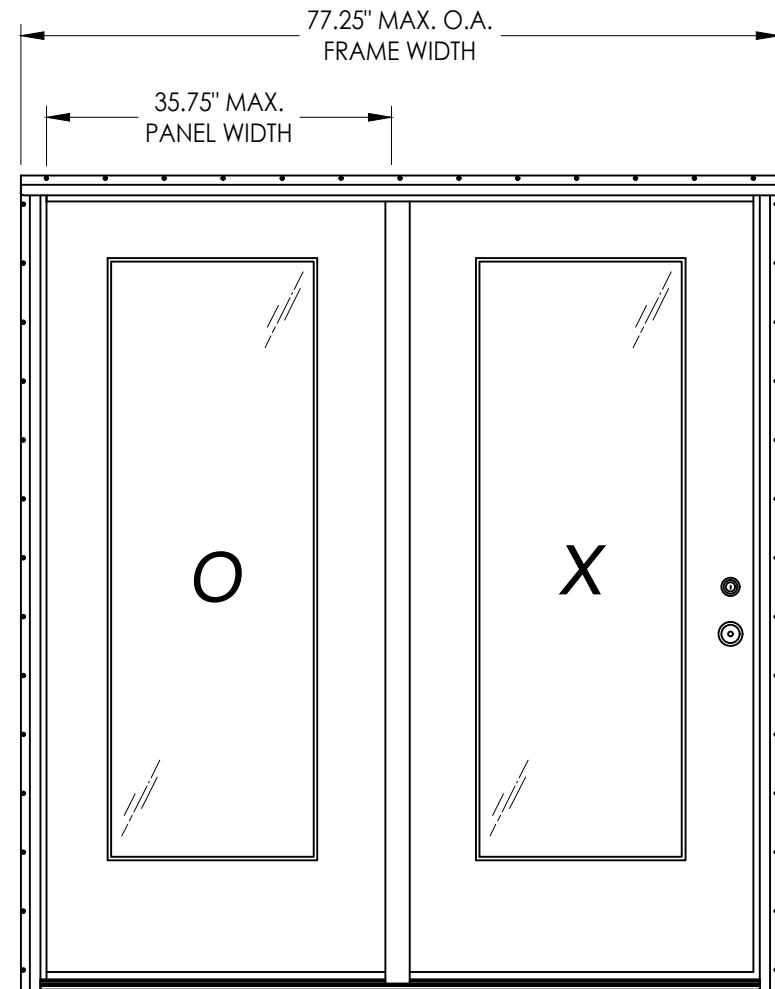
| DOOR TYPE  | MAX.<br>FRAME<br>DIMENSION | MAX. O.A.<br>PANEL<br>DIMENSION | OVERALL<br>D.L.O.<br>DIMENSION | DESIGN PRESSURE (PSF) |          |
|------------|----------------------------|---------------------------------|--------------------------------|-----------------------|----------|
|            |                            |                                 |                                | POSITIVE              | NEGATIVE |
| FIBERGLASS | 77.25" X 83.00"            | 35.75" X 79.00"                 | 21.00" X 63.00"                | +50.0                 | -50.0    |



Digitally signed by Lyndon F Schmidt  
Date: 2026.07.01 13:01:10 -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



Retangular Glazed

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  
ACHIEVER STEEL FRAME SYSTEM

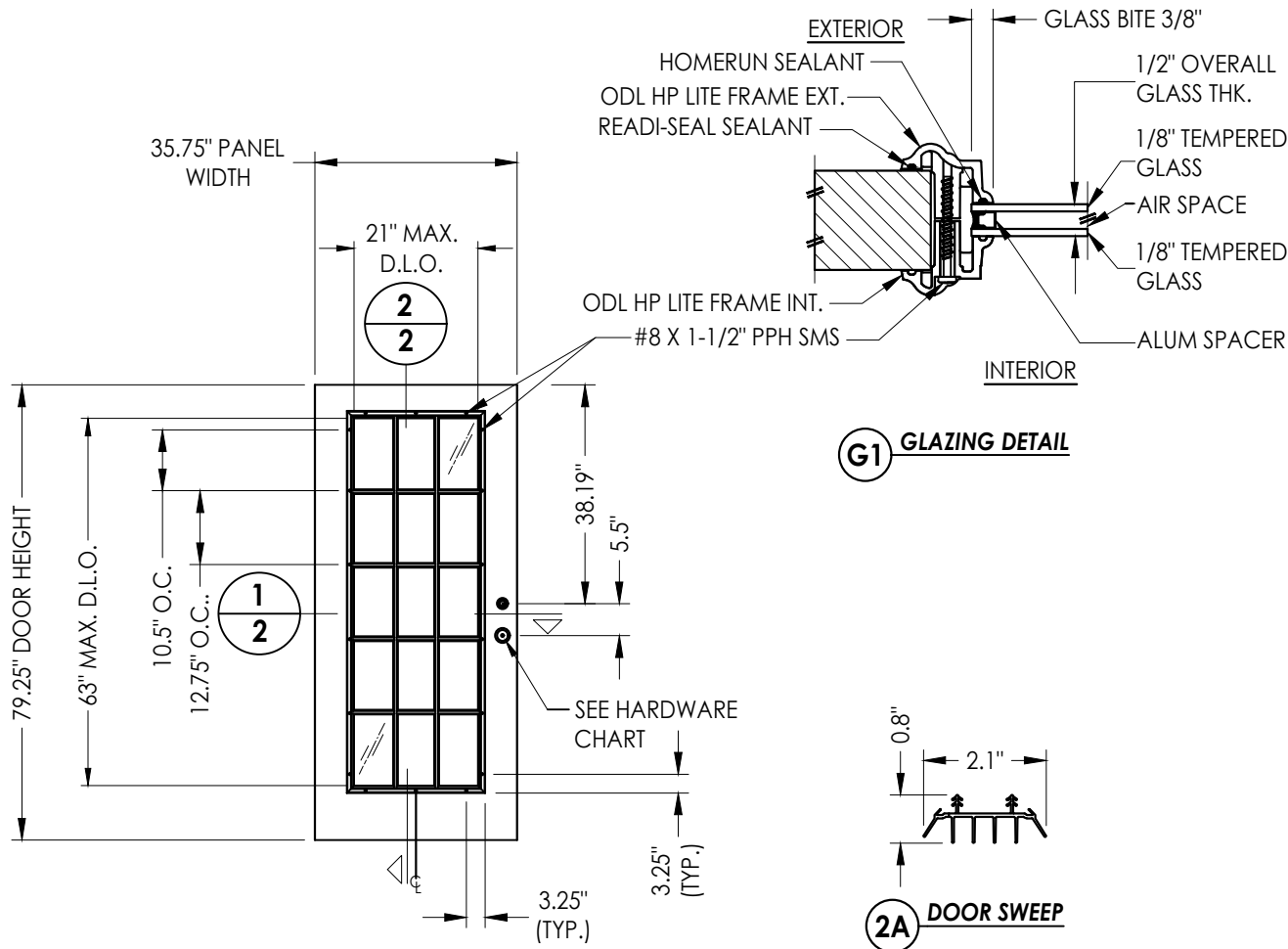
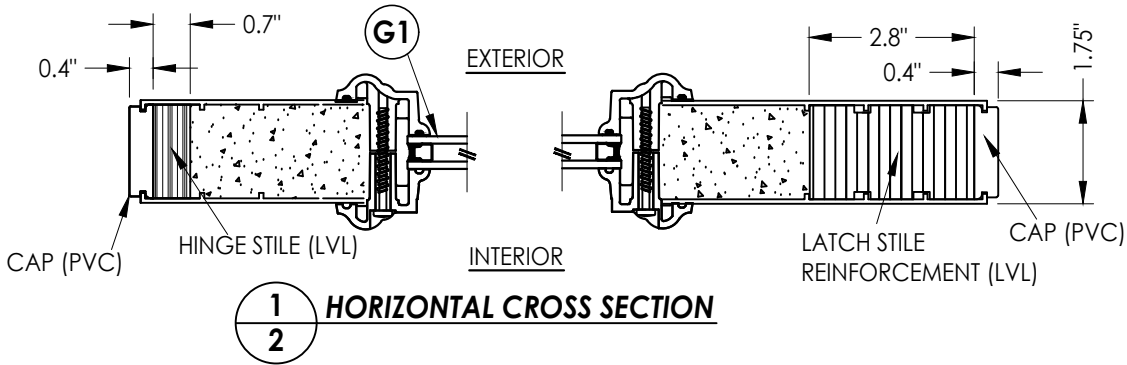
PART OR ASSEMBLY:  
TYPICAL ELEVATION, DESIGN  
PRESSURES & GENERAL NOTES

| NO. | DATE    | REVISIONS         |            |     |     |    |
|-----|---------|-------------------|------------|-----|-----|----|
|     |         | LFS               | FBC        | LFS | DAC | BY |
| 5   | 7/01/26 | UPDATE TO 9TH ED. | (2026) FBC |     |     |    |
| 4   | 7/06/23 | UPDATE TO 8TH ED. | (2023) FBC |     |     |    |
| 3   | 8/11/20 | UPDATE TO 7TH ED. | (2020) FBC |     |     |    |
| 2   | 9/29/17 | UPDATE TO 6TH ED. | (2017) FBC |     |     |    |
| 1   | 3/23/15 | UPDATE TO 5TH ED. | (2014) FBC |     |     |    |

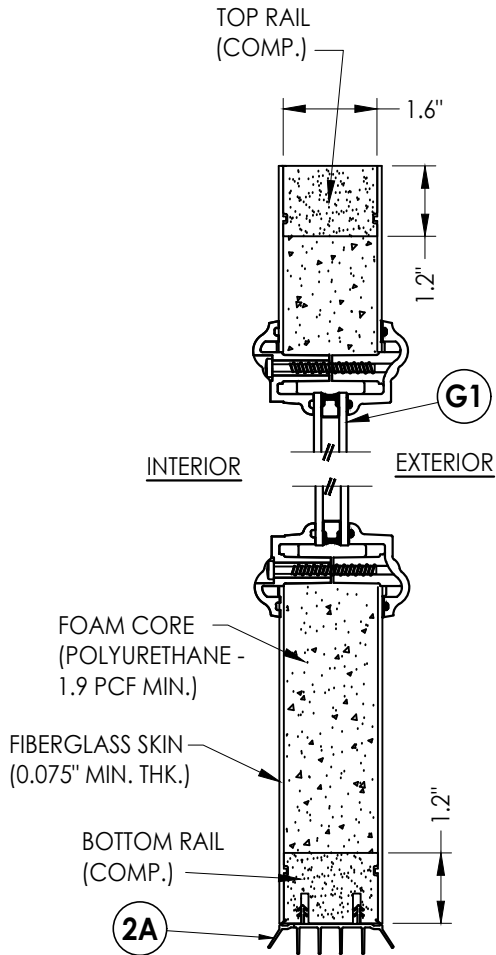
DATE: 03/14/12  
SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS  
DRAWING NO.:  
FL-15362.6  
SHEET 1 OF 9

G:\2023 FBC Drawings 1.26.26\Dunbarton Corp\FL-15362 R5 Achiever\FL-15362.1-6.dwg

| HARDWARE TABLE |           |            |
|----------------|-----------|------------|
| MANUFACTURER   | MODEL     |            |
| PAMEX          | KNOB:     | FT3 SERIES |
|                | DEADBOLT: | FD2 SERIES |



PLASTPRO FIBERGLASS DOOR PANEL  
(Rectangular Glazed)



|                   |  |                                             |  |
|-------------------|--|---------------------------------------------|--|
| PRODUCT:          |  | DUNBARTON<br>ACHEIVER STEEL FRAME<br>SYSTEM |  |
| PART OR ASSEMBLY: |  | DOOR PANEL DETAILS                          |  |

|     |         |                          |     |     |
|-----|---------|--------------------------|-----|-----|
| 5   | 7/01/26 | UPDATE TO 9TH ED. (2026) | FBC | LFS |
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| 3   | 8/11/20 | UPDATE TO 7th ED. (2020) | FBC | DAC |
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| 1   | 3/23/15 | UPDATE TO 5TH ED. (2014) | FBC | JK  |
| NO. | DATE    | REVISIONS                |     |     |

DATE: 03/14/12

SCALE: N.T.S.

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CHK. BY: LFS

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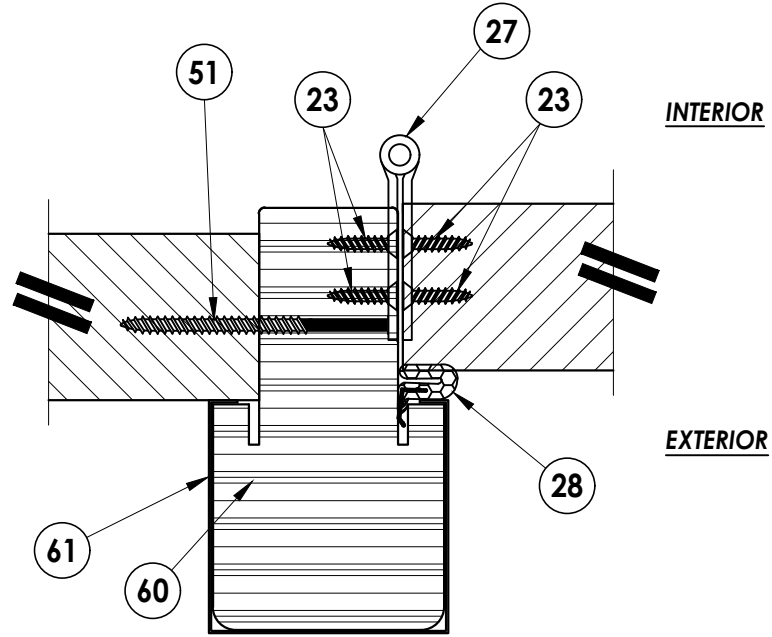
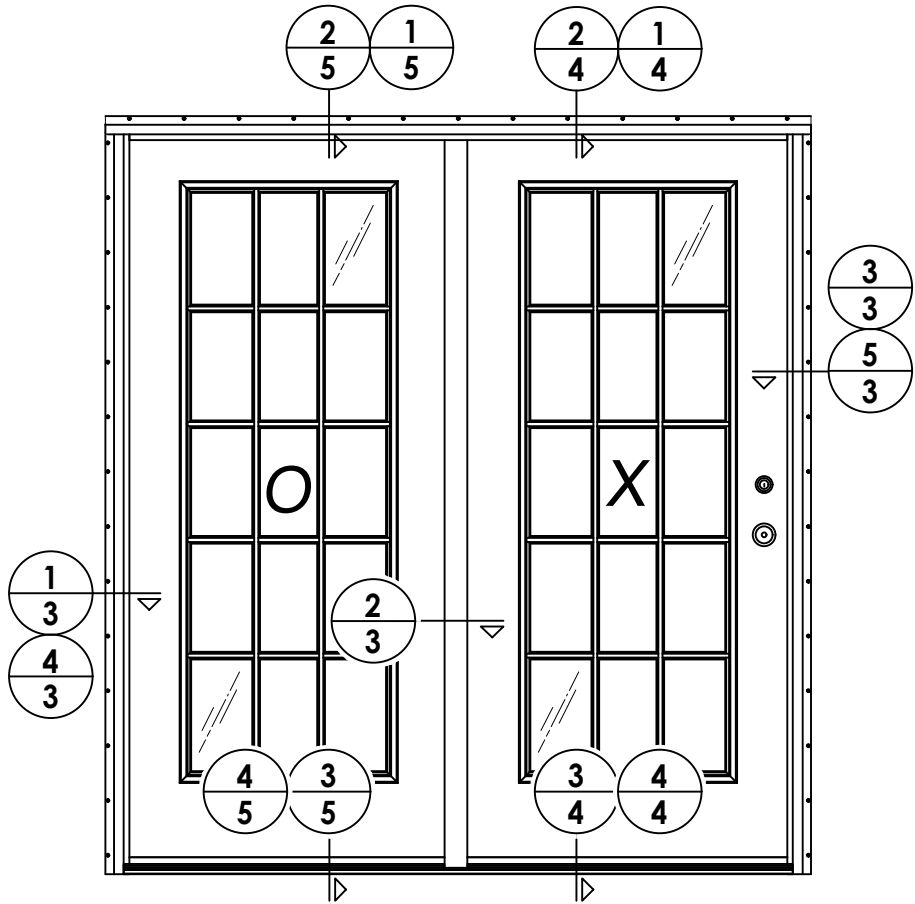
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SHEET 2 OF 9

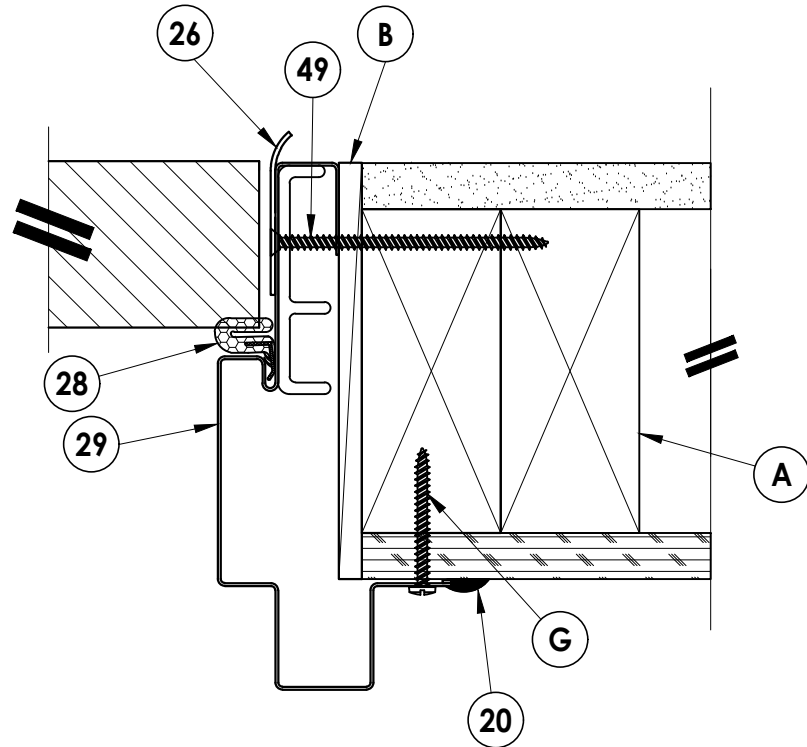
Documents Prepared By:  
Lyndon F. Schmidt  
P.E. No. 43409

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

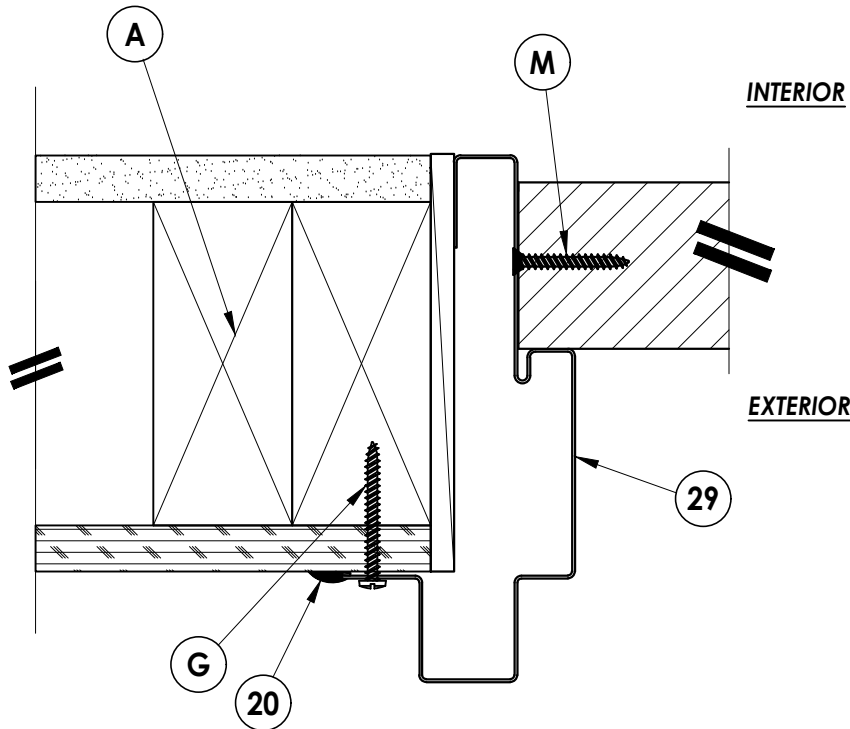
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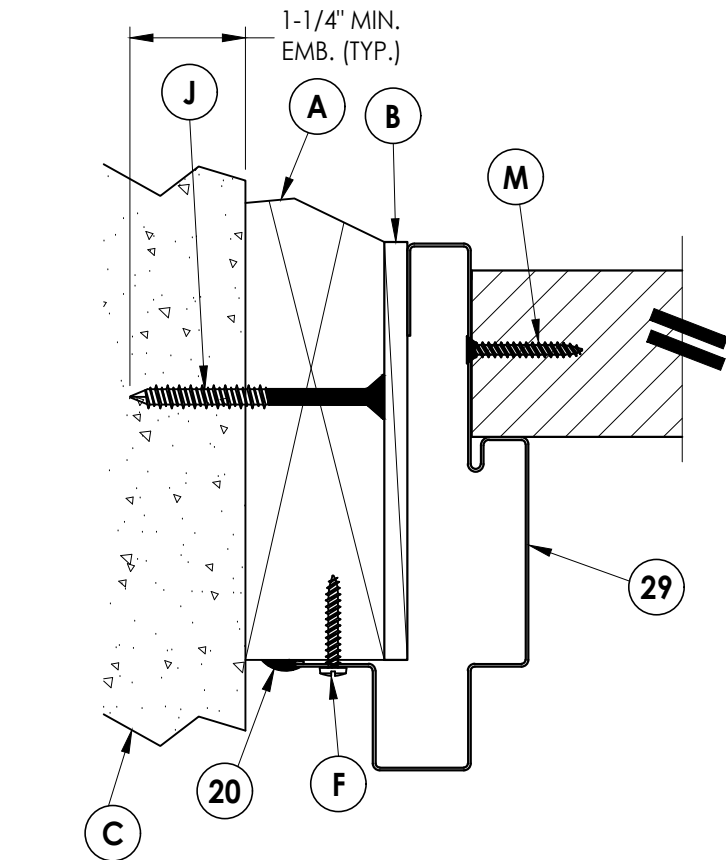
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**3** HORIZONTAL CROSS SECTION  
2X Stud construction



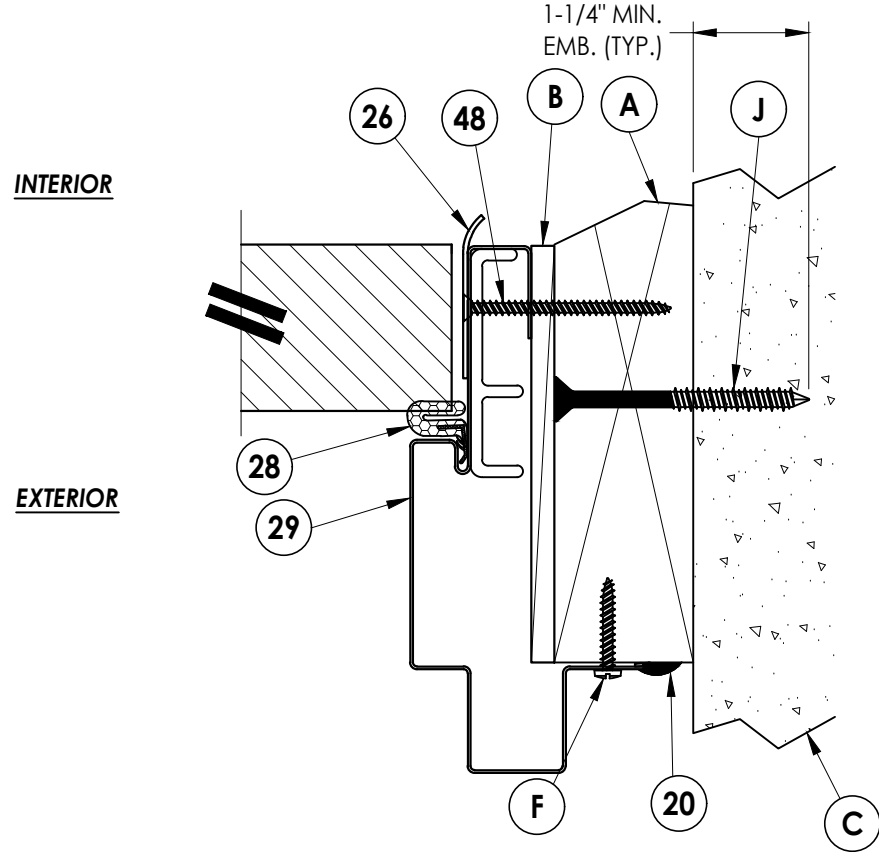
**3**  
**3** HORIZONTAL CROSS SECTION  
2X Stud construction



**1**  
**3** HORIZONTAL CROSS SECTION  
2X Stud construction



**4**  
**3** HORIZONTAL CROSS SECTION  
2X Masonry construction



**5**  
**3** HORIZONTAL CROSS SECTION  
2X Masonry construction

Documents Prepared By:  
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**R<sup>W</sup>** BUILDING CONSULTANTS, INC.  
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FBPE Registry No. 9813

PRODUCT: DUNBARTON  
ACHIEVER STEEL FRAME SYSTEM

PART OR ASSEMBLY:  
HORIZONTAL CROSS SECTIONS

| NO. | DATE    | REVISIONS                        |
|-----|---------|----------------------------------|
| 5   | 7/01/26 | UPDATE TO 9TH ED. (2026) FBC LFS |
| 4   | 7/06/23 | UPDATE TO 8TH ED. (2023) FBC LFS |
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| 1   | 3/23/15 | UPDATE TO 5TH ED. (2014) FBC JK  |
|     |         | BY                               |

DATE: 03/14/12

SCALE: N.T.S.

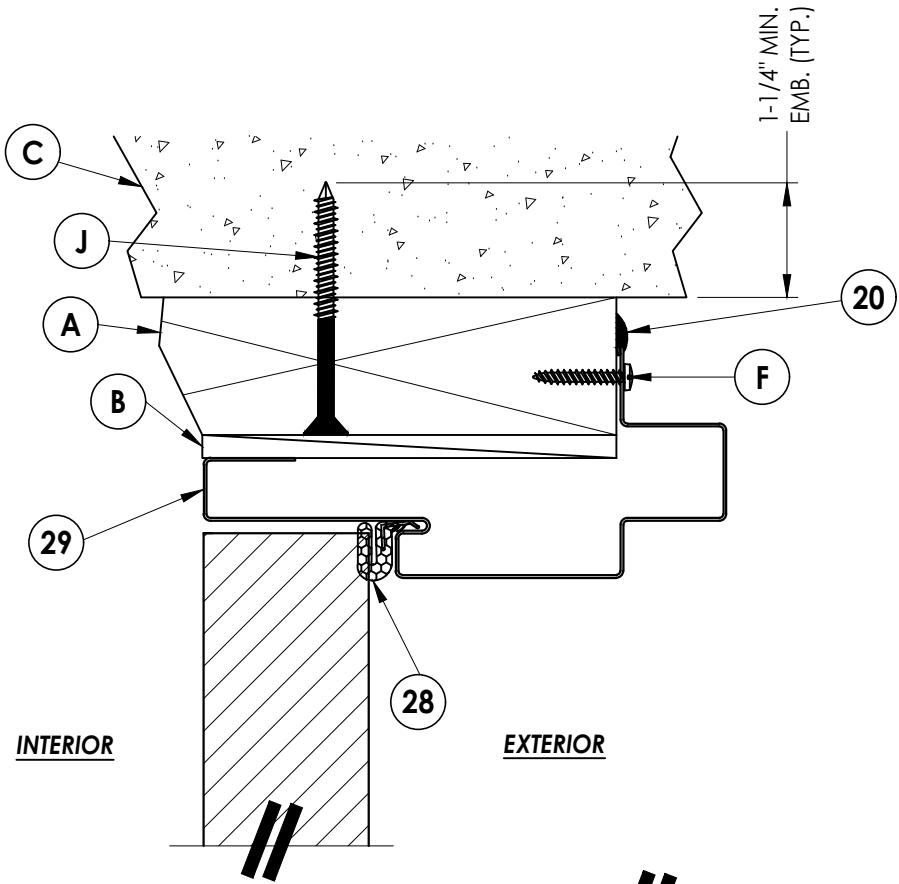
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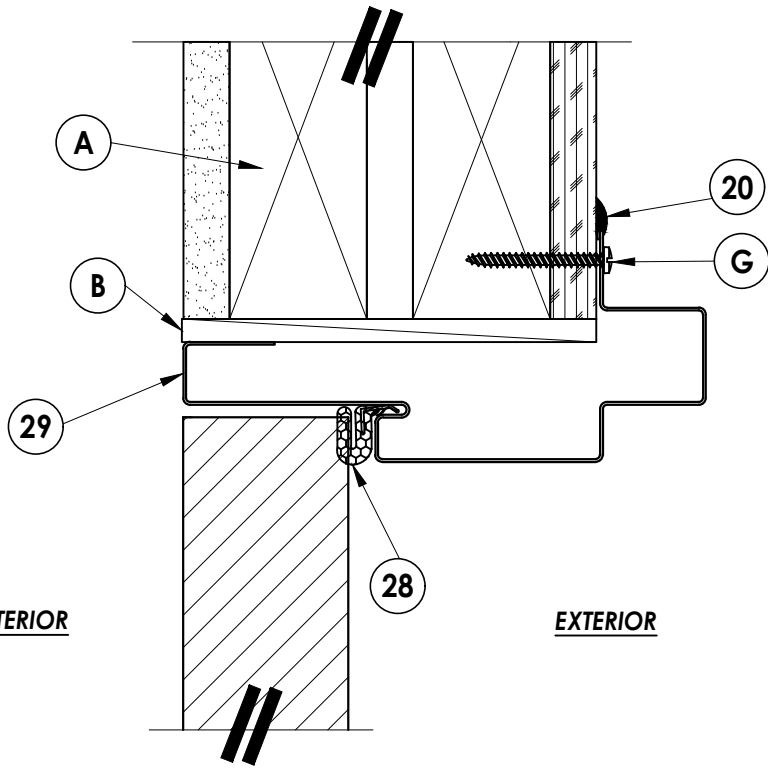
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FL-15362.6

SHEET 3 of 9

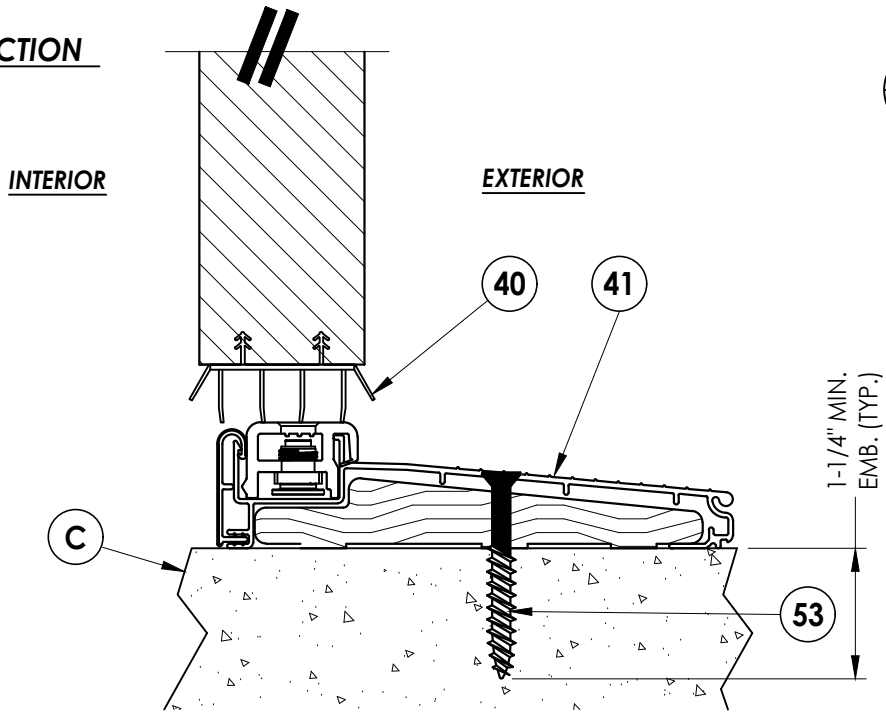
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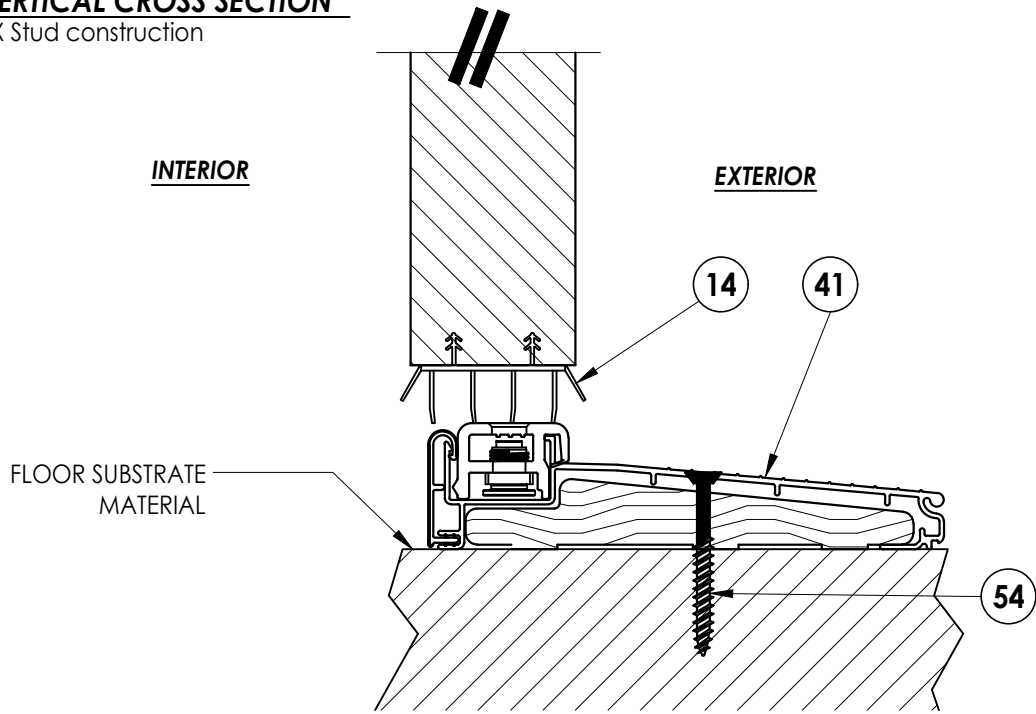
**1**  
**4** **VERTICAL CROSS SECTION**  
2X Masonry construction



**2**  
**4** **VERTICAL CROSS SECTION**  
2X Stud construction



**3**  
**4** **VERTICAL CROSS SECTION**



**4**  
**4** **VERTICAL CROSS SECTION**

PRODUCT: DUNBARTON  
ACHIEVER STEEL FRAME SYSTEM

|     |         |                          |     |     |
|-----|---------|--------------------------|-----|-----|
| 5   | 7/01/26 | UPDATE TO 9TH ED. (2026) | FBC | LFS |
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| 3   | 8/11/20 | UPDATE TO 7th ED. (2020) | FBC | DAC |
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| 1   | 3/23/15 | UPDATE TO 5TH ED. (2014) | FBC | JK  |
| NO. | DATE    |                          |     | BY  |

DATE: 03/14/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

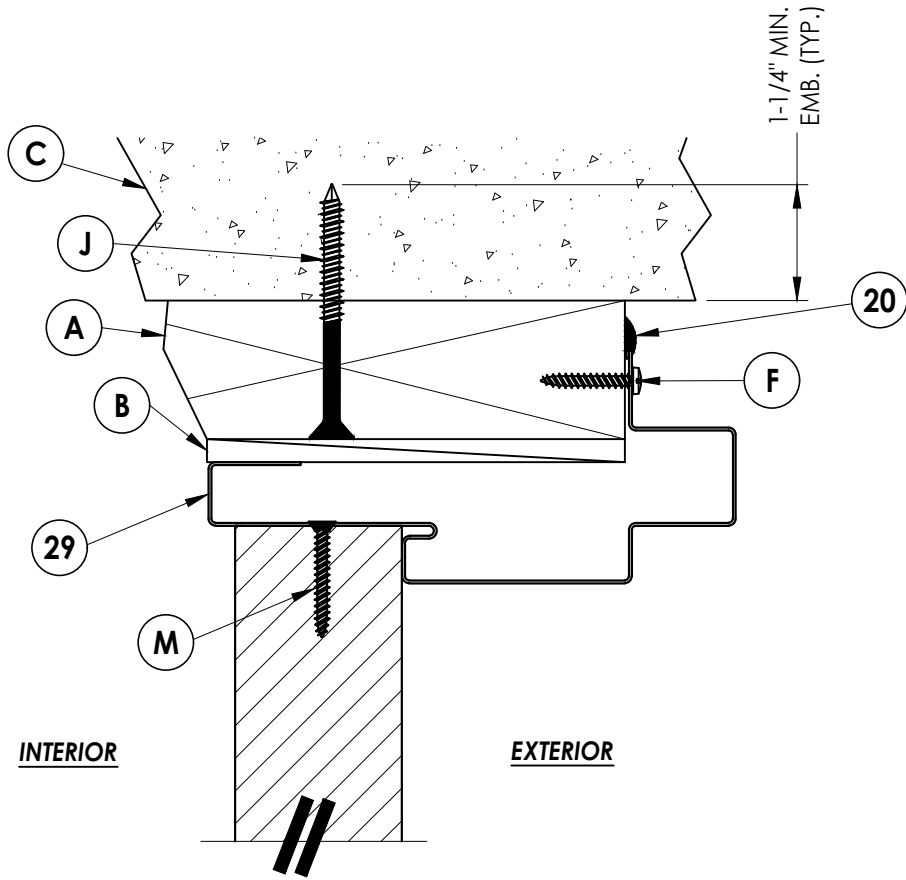
FL-15362.6

SHEET 4 OF 9

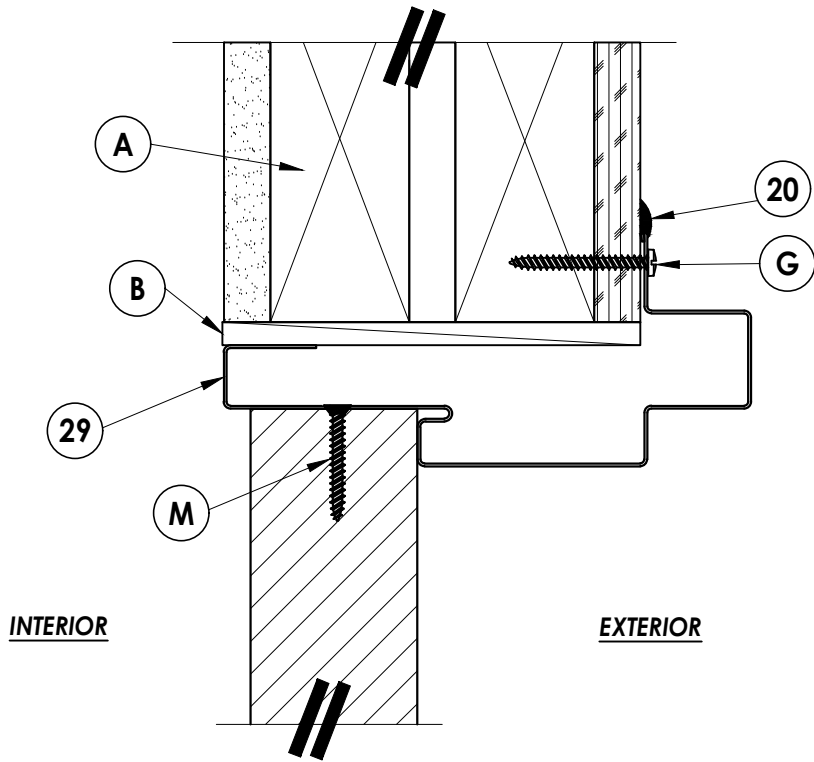
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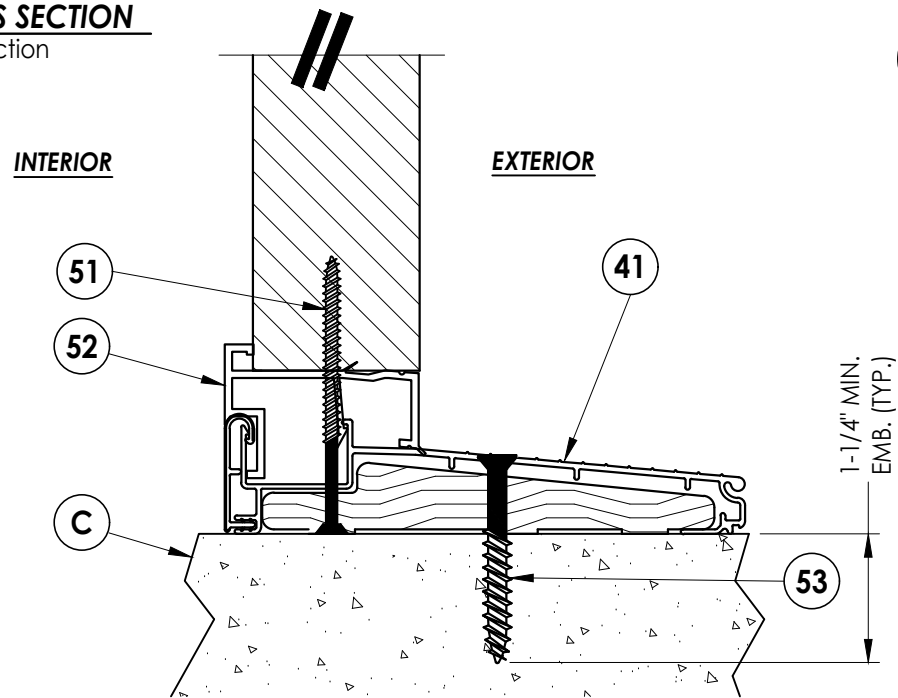
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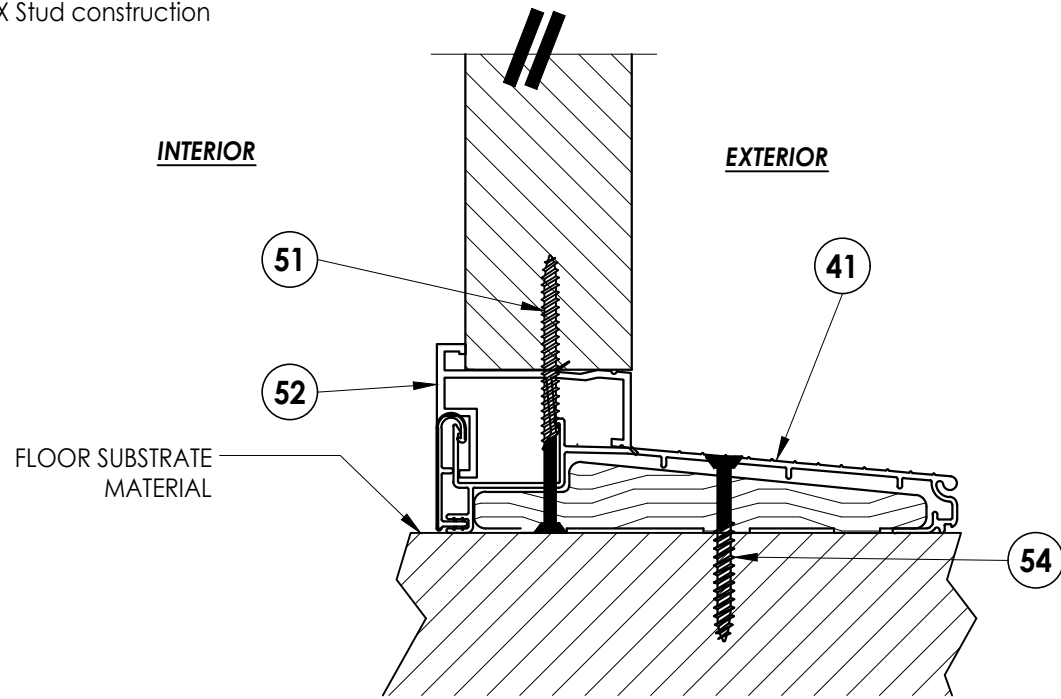
1  
5 VERTICAL CROSS SECTION  
2X Masonry construction



2  
5 VERTICAL CROSS SECTION  
2X Stud construction



3  
5 VERTICAL CROSS SECTION



4  
5 VERTICAL CROSS SECTION

Documents Prepared By:  
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PRODUCT: DUNBARTON  
ACHIEVER STEEL FRAME SYSTEM

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PART OR ASSEMBLY:  
VERTICAL CROSS SECTIONS

| NO. | DATE    | REVISIONS                        |
|-----|---------|----------------------------------|
| 5   | 7/01/26 | UPDATE TO 9TH ED. (2026) FBC LFS |
| 4   | 7/06/23 | UPDATE TO 8TH ED. (2023) FBC LFS |
| 3   | 8/11/20 | UPDATE TO 7TH ED. (2020) FBC DAC |
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| 1   | 3/23/15 | UPDATE TO 5TH ED. (2014) FBC JK  |

DATE: 03/14/12

SCALE: N.T.S.

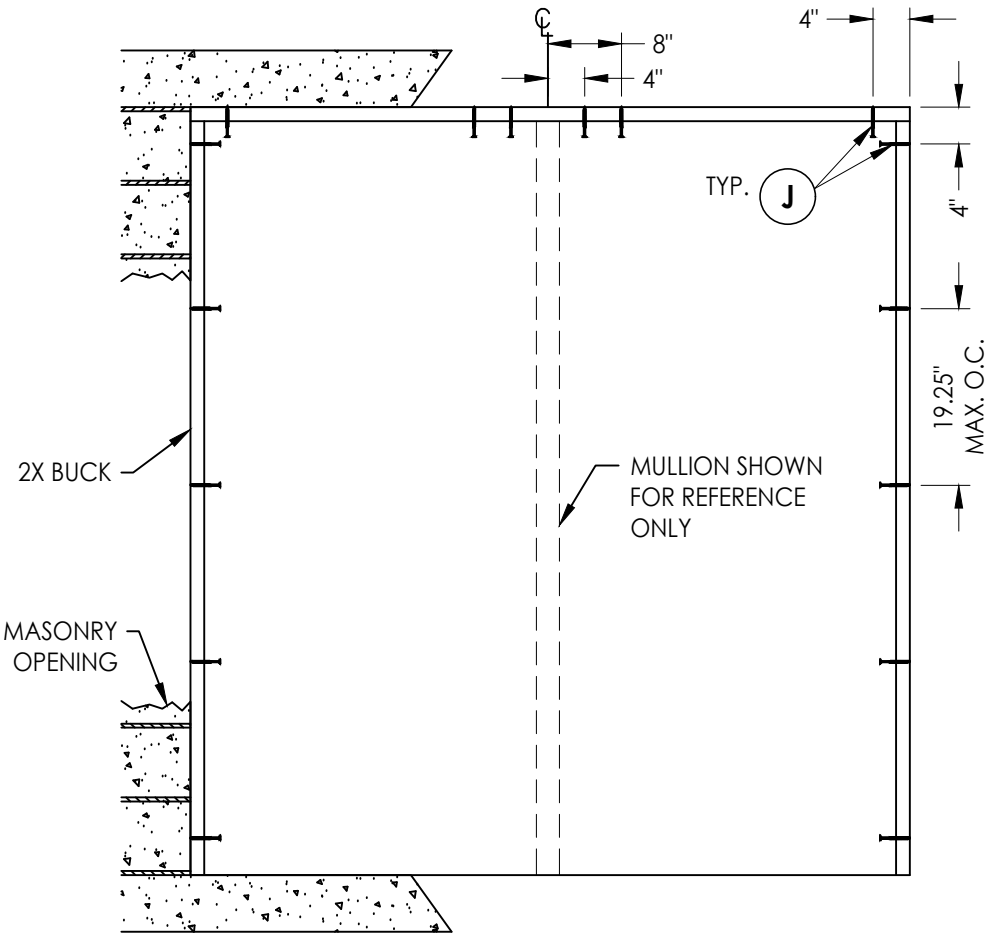
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SHEET 5 OF 9

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BUCK ANCHORING

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"                                |

Documents Prepared By:  
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PRODUCT: DUNBARTON  
ACHIEVER STEEL FRAME SYSTEM

PART OR ASSEMBLY:  
BUCK ANCHORING

DATE: 03/14/12

SCALE: N.T.S.

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SHEET 6 OF 9

57/01/26UPDATE TO 9TH ED. (2026) FBC LFS

47/06/23UPDATE TO 8TH ED. (2023) FBC LFS

38/11/20UPDATE TO 7TH ED. (2020) FBC DAC

29/29/17UPDATE TO 6TH ED. (2017) FBC LFS

13/23/15UPDATE TO 5TH ED. (2014) FBC JK

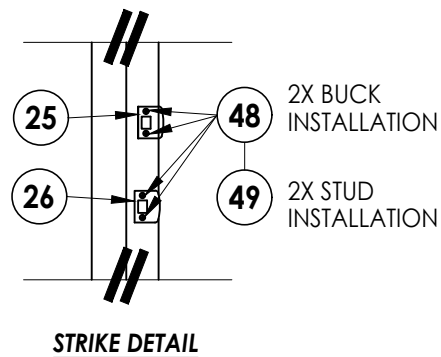
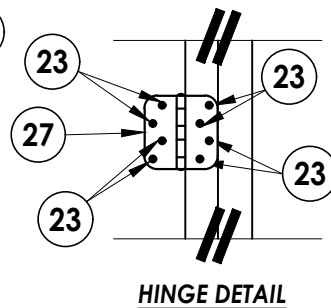
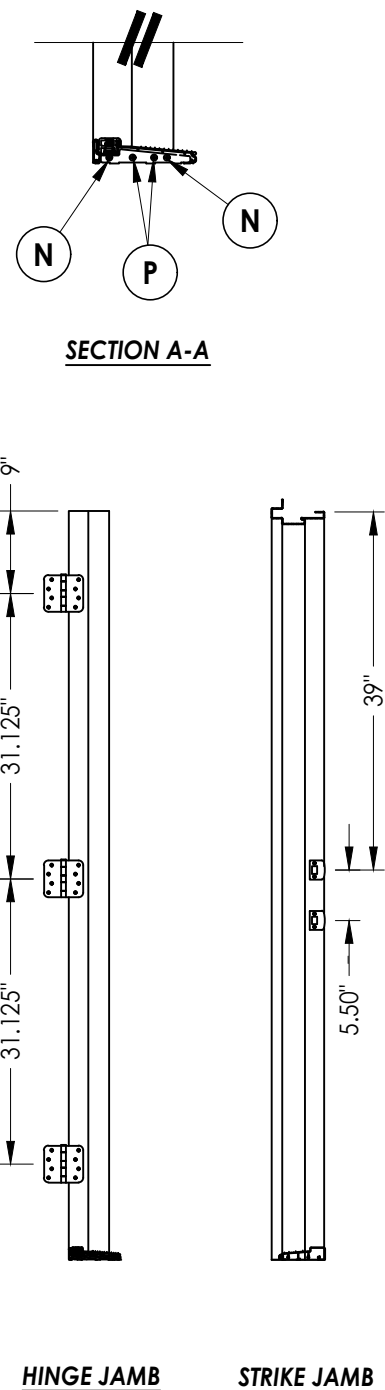
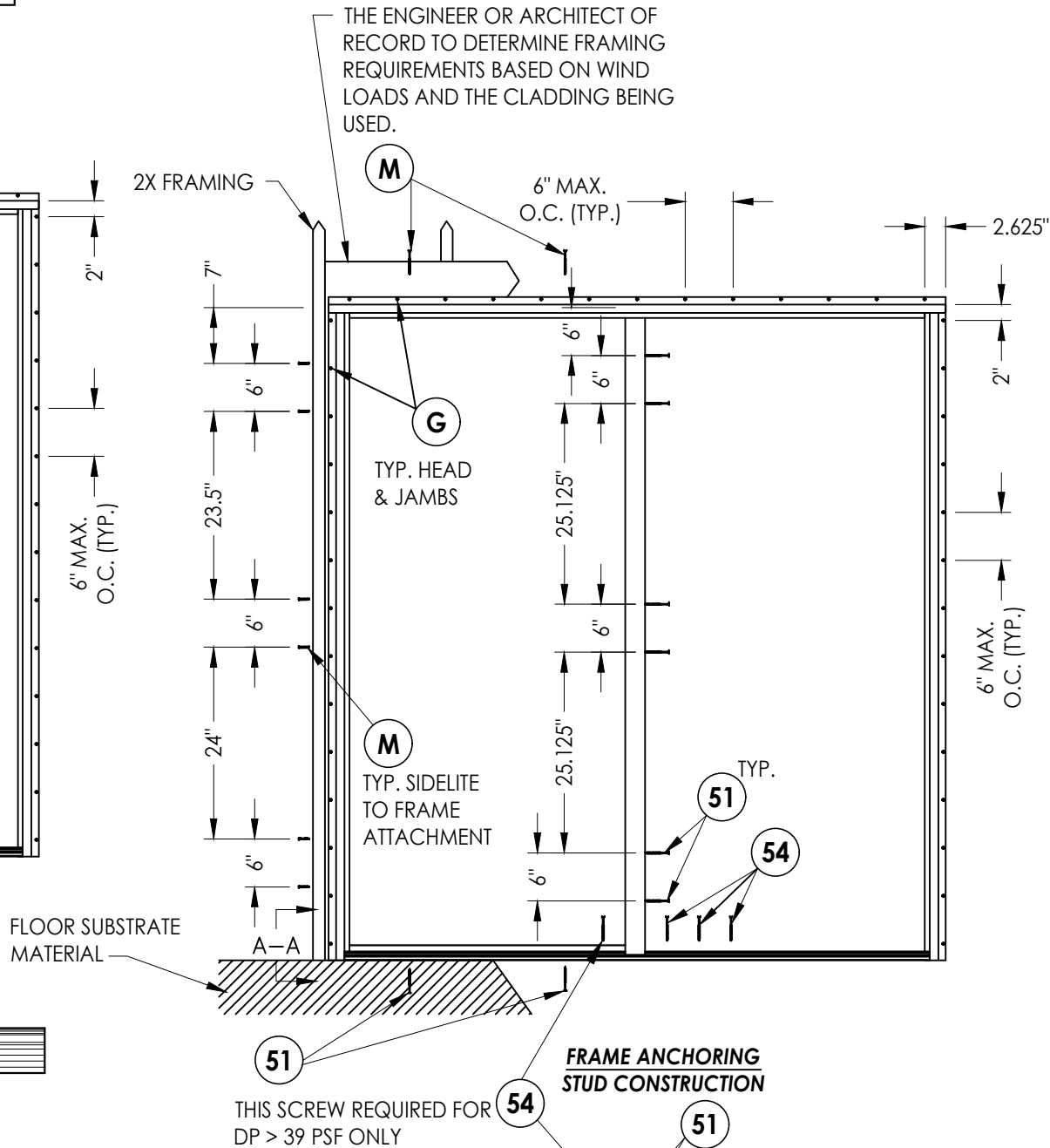
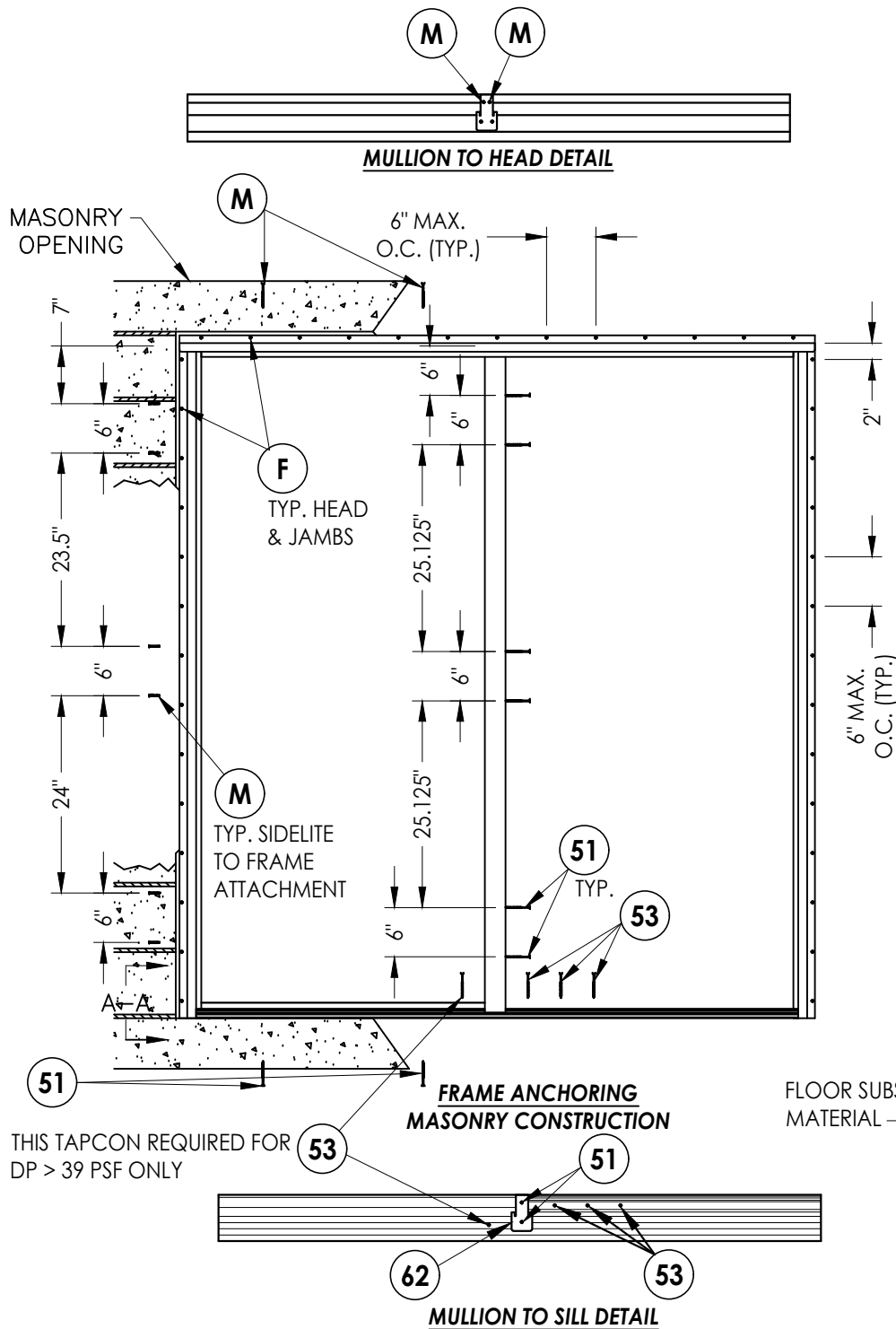
NO. DATE

REVISIONS

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**CONCRETE ANCHOR NOTES:**

- Substitution of equal concrete anchors from a different supplier may have different edge distance and center distance requirements.
- 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.
- Concrete anchor table:

| ANCHOR TYPE                  | ANCHOR SIZE | MIN. EMBEDMENT | MIN. CLEARANCE TO MASONRY EDGE | MIN. CLEARANCE TO ADJACENT ANCHOR |
|------------------------------|-------------|----------------|--------------------------------|-----------------------------------|
| DeWALT ULTRACON <sup>®</sup> | 5/16"       | 1-1/4"         | 3-1/8"                         | 5"                                |

**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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ACHIEVER STEEL FRAME SYSTEM

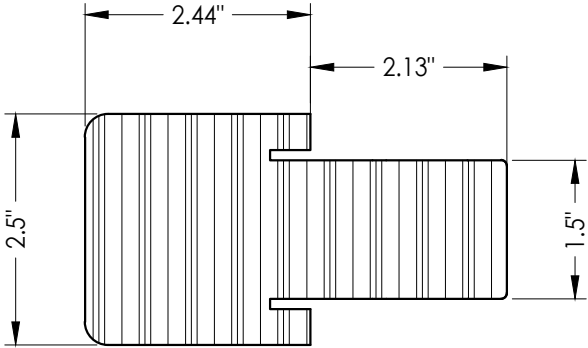
PART OR ASSEMBLY:  
FRAME ANCHORING

| NO. | DATE    | REVISIONS                    |
|-----|---------|------------------------------|
| 5   | 7/01/26 | UPDATE TO 9TH ED. (2026) FBC |
| 4   | 7/06/23 | UPDATE TO 8TH ED. (2023) FBC |
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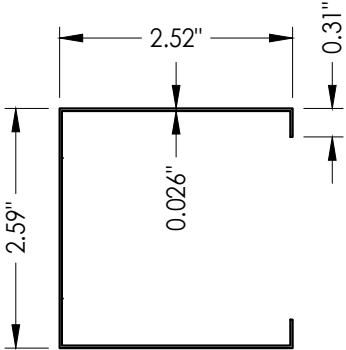
DATE: 03/14/12  
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DWG. BY: JK  
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DRAWING NO.: FL-15362.6  
SHEET 7 OF 9

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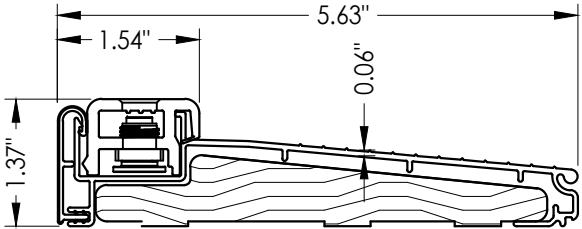
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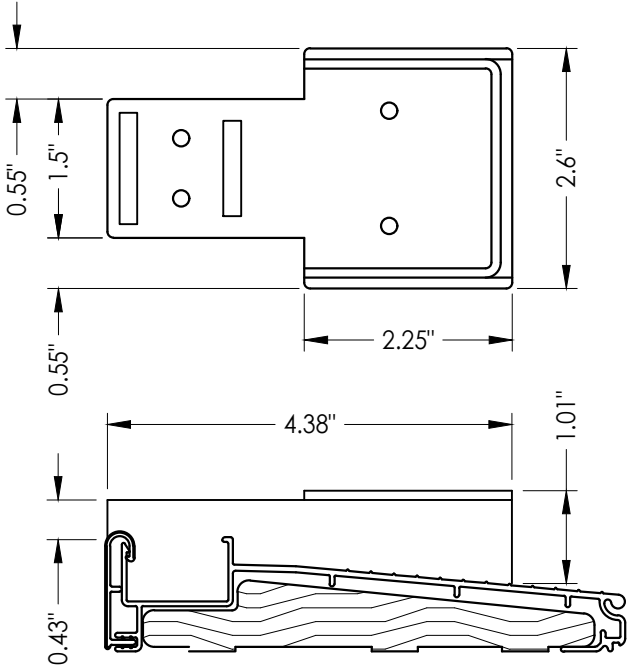
60 MULLION



61 MULLION CAP



41 INSWING THRESHOLD  
ENDURA



62 MULLION PAD SPACER

DATE: 03/14/12

SCALE: N.T.S.

DWG. BY: JK

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FL-15362.6

SHEET 8 OF 9

| NO. | DATE    | REVISIONS                        |
|-----|---------|----------------------------------|
| 5   | 7/01/26 | UPDATE TO 9TH ED. (2026) FBC LFS |
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|     |         | BY                               |

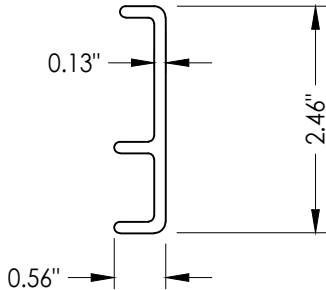
|                   |                                          |
|-------------------|------------------------------------------|
| PRODUCT:          | DUNBARTON<br>ACHIEVER STEEL FRAME SYSTEM |
| PART OR ASSEMBLY: | COMPONENTS                               |

Documents Prepared By:  
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P.E. No. 43409

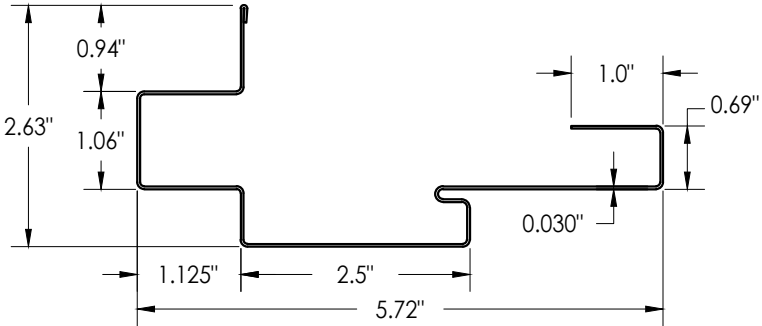
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| BILL OF MATERIALS |                                                                                                |            |
|-------------------|------------------------------------------------------------------------------------------------|------------|
| ITEM              | DESCRIPTION                                                                                    | MATERIAL   |
| A                 | 2X BUCK SG >= 0.55                                                                             | WOOD       |
| B                 | 1/4" MAX. SHIM SPACE                                                                           | -          |
| C                 | MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90 | CONCRETE   |
| F                 | #8 X 1" PPH SCREW (7/8" MIN. EMBEDMENT)                                                        | STEEL      |
| G                 | #8 X 1-1/2" PPH SCREW (7/8" MIN. EMBEDMENT)                                                    | STEEL      |
| J                 | 1/4" X 2-3/4" DeWALT OR ITW CONCRETE SCREW                                                     | STEEL      |
| M                 | #8 X 1-1/4" PPH SCREW                                                                          | STEEL      |
| N                 | #10 X 2-1/2" PPH WOOD SCREW                                                                    | STEEL      |
| P                 | #8 X 1-1/4" PPH SCREW                                                                          | STEEL      |
| 20                | SEALANT                                                                                        | SILICONE   |
| 23                | #9 X 3/4" PFH WOOD SCREW                                                                       | STEEL      |
| 24                | #9 X 2-1/2" PFH WS                                                                             | STEEL      |
| 25                | DEADBOLT STRIKE PLATE                                                                          | STEEL      |
| 26                | LATCH STRIKE PLATE                                                                             | STEEL      |
| 27                | HINGE                                                                                          | STEEL      |
| 28                | WEATHERSTRIP                                                                                   | FOAM       |
| 29                | FRAME                                                                                          | STEEL      |
| 30                | JAMB REINFORCEMENT                                                                             | STEEL      |
| 41                | INSWING THRESHOLD                                                                              | ALUM./WOOD |
| 48                | #8 X 2-1/4" PFH SCREW                                                                          | STEEL      |
| 49                | #8 X 3" PFH SCREW                                                                              | STEEL      |
| 51                | #10 X 3" PFH WS                                                                                | STEEL      |
| 52                | INSWING SIDELITE SPACER                                                                        | PVC        |
| 53                | 5/16" X 2-1/4" DeWALT CONCRETE SCREW                                                           | STEEL      |
| 54                | #12 X 2" PFH WOOD SCREW                                                                        | STEEL      |
| 60                | MULLION                                                                                        | LVL        |
| 61                | MULLION CAP                                                                                    | STEEL      |
| 62                | MULLION PAD SPACER                                                                             | PVC        |



30 JAMB REINFORCEMENT



29 FRAME

|                                                               |         |                                                                                                                    |     |
|---------------------------------------------------------------|---------|--------------------------------------------------------------------------------------------------------------------|-----|
| 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<br>ACHIEVER STEEL FRAME SYSTEM          |         | PART OR ASSEMBLY:<br>BILL OF MATERIALS<br>& COMPONENTS                                                             |     |
|                                                               |         |                                                                                                                    |     |
| 5                                                             | 7/01/26 | UPDATE TO 9TH ED. (2026) FBC                                                                                       | LFS |
| 4                                                             | 7/06/23 | UPDATE TO 8TH ED. (2023) FBC                                                                                       | LFS |
| 3                                                             | 8/11/20 | UPDATE TO 7th ED. (2020) FBC                                                                                       | DAC |
| 2                                                             | 9/29/17 | UPDATE TO 6TH ED. (2017) FBC                                                                                       | LFS |
| 1                                                             | 3/23/15 | UPDATE TO 5TH ED. (2014) FBC                                                                                       | JK  |
| NO.                                                           | DATE    |                                                                                                                    | BY  |
| REVISIONS                                                     |         |                                                                                                                    |     |
| DATE: 03/14/12                                                |         |                                                                                                                    |     |
| SCALE: N.T.S.                                                 |         |                                                                                                                    |     |
| DWG. BY: JK                                                   |         |                                                                                                                    |     |
| CHK. BY: LFS                                                  |         |                                                                                                                    |     |
| DRAWING NO.:<br>FL-15362.6                                    |         |                                                                                                                    |     |
| SHEET 9 OF 9                                                  |         |                                                                                                                    |     |