



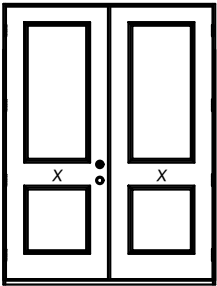
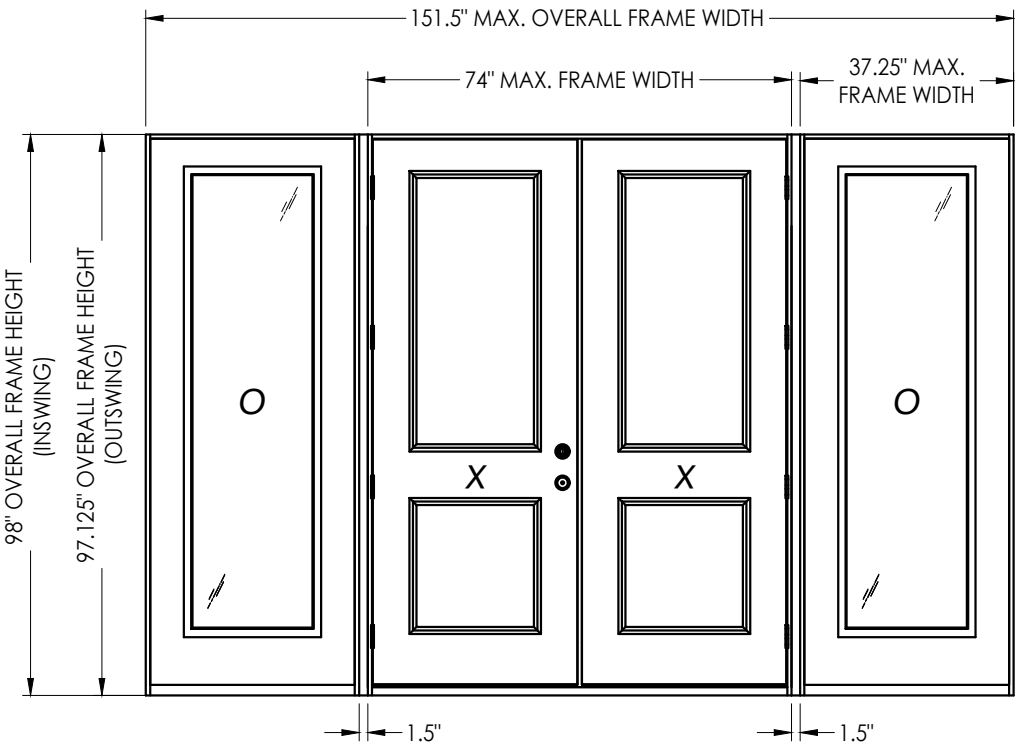
250 Staunton Turnpike, Parkersburg, WV 26104

OPAQUE FIBERGLASS DOORS  
DOUBLES  
w/ or w/o SIDELITES  
INSWING / OUTSWING  
"IMPACT"

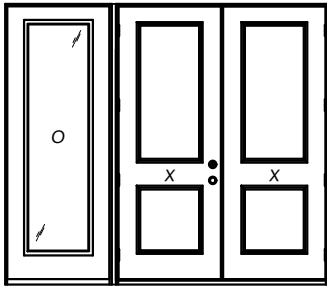
GENERAL NOTES

1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements 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 E1996.
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.

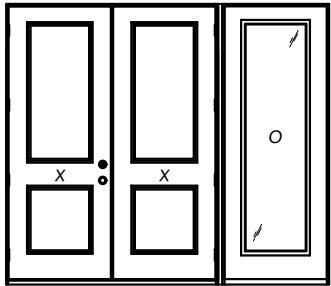
| TABLE OF CONTENTS |                                                          |
|-------------------|----------------------------------------------------------|
| SHEET#            | DESCRIPTION                                              |
| 1                 | Typical elevations, design pressures & general notes     |
| 2                 | Door panel details                                       |
| 3                 | Sidelite panel details                                   |
| 4                 | Elevations                                               |
| 5                 | Horizontal & Vertical Cross Sections (2X Buck)           |
| 6                 | Horizontal & Vertical Cross Sections (1X Buck)           |
| 7                 | Horizontal & Vertical Cross Sections (Direct to Masonry) |
| 8                 | Vertical Cross Sections (Thresholds)                     |
| 9                 | Horizontal & Vertical Cross Sections (Direct to Masonry) |
| 10                | Buck anchoring                                           |
| 11                | Frame anchoring & hardware details                       |
| 12                | Bill of materials and components                         |



XX

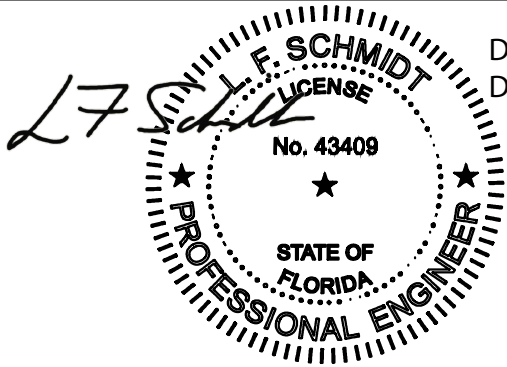


OXX



XXO

| CONFIGURATION | MAX. FRAME DIMENSION | DESIGN PRESSURE (PSF) INSWING |          | DESIGN PRESSURE (PSF) OUTSWING |          |
|---------------|----------------------|-------------------------------|----------|--------------------------------|----------|
|               |                      | POSITIVE                      | NEGATIVE | POSITIVE                       | NEGATIVE |
| XX            | 74" x 98"            | +40.0                         | -45.0    | +45.0                          | -45.0    |
| OXX, XXO      | 112.75" x 98"        | +40.0                         | -45.0    | +45.0                          | -45.0    |
| OXXO          | 151.5" x 98"         | +40.0                         | -45.0    | +45.0                          | -45.0    |



Digitally signed by Lyndon F Schmidt  
Date: 2026.07.30 08:14:53 -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

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

WINCORE  
FIBERGLASS ENTRY DOOR  
"Impact"

PRODUCT:

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

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

|     |          |                                                        |       |     |
|-----|----------|--------------------------------------------------------|-------|-----|
| 4   | 7/01/26  | UPDATE TO 9TH ED. (2026)                               | FBC   | LFS |
| 3   | 7/06/23  | UPDATE TO 8TH ED. (2023)                               | FBC   | LFS |
| 2   | 10/14/20 | UPDATE TO 7TH ED. (2020)                               | FBC   | LFS |
| 1   | 7/14/20  | REVISE DESIGN PRESSURE TABLE & ULT. HURRICANE ASTRAGAL | TABLE | RW  |
| NO. | DATE     |                                                        |       | BY  |

REVISIONS

DATE: 8/20/19

SCALE: N.T.S.

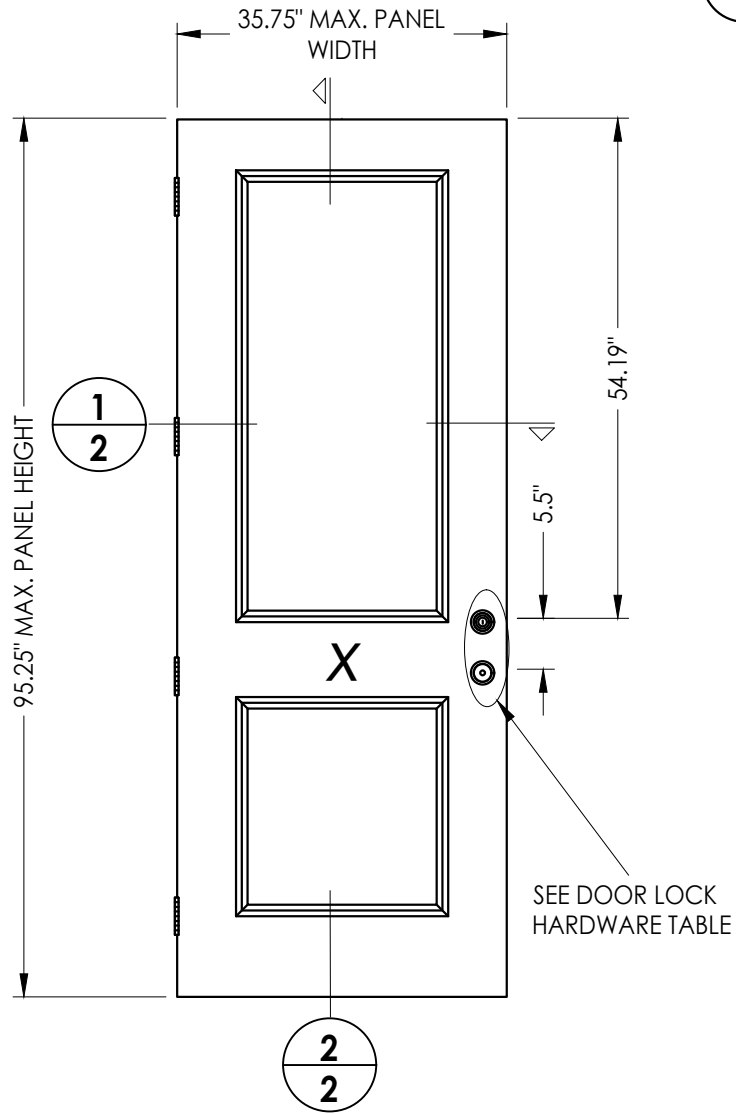
DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-30037.6

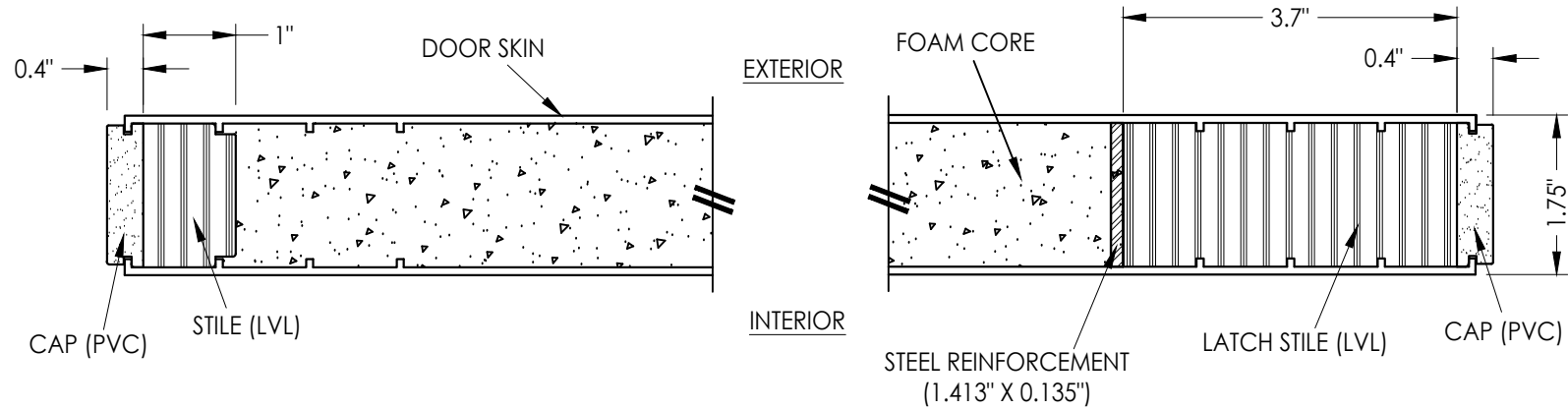
SHEET 1 OF 12

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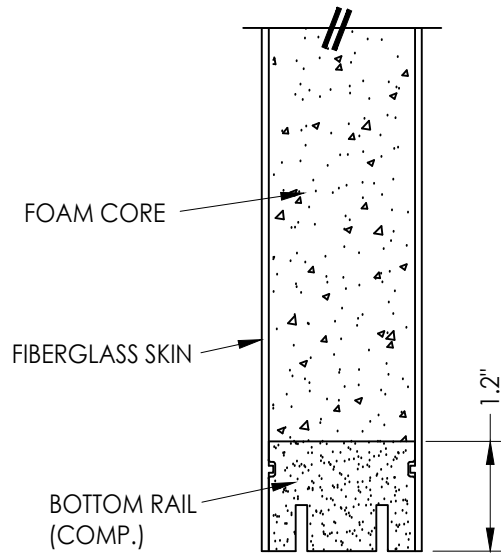
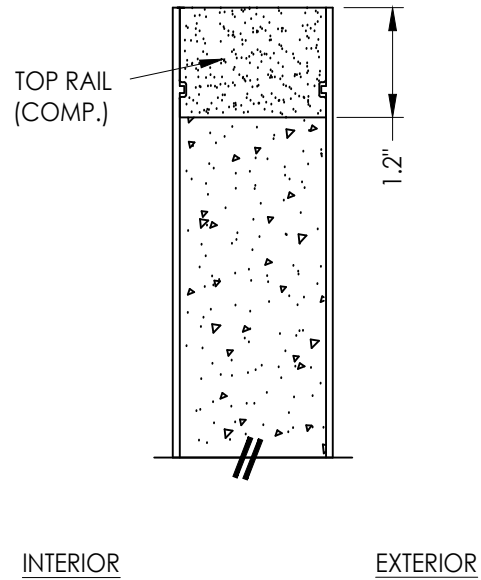
40 PLASTPRO DOOR PANEL

FIBERGLASS SKIN: 0.075" MIN. THK.  
FOAM CORE: POLYURETHANE - 1.9 PCF MIN.)



1  
2 HORIZONTAL CROSS SECTION

| DOOR LOCK HARDWARE TABLE |                                                 |                                  |
|--------------------------|-------------------------------------------------|----------------------------------|
| MANUFACTURER             | MODEL                                           |                                  |
| ENDURA                   | TRILENNIUM 3000 SERIES MULTI-POINT LOCK (3 pt.) |                                  |
| SCHLAGE                  | HANDLE SET: "F" SERIES (F60)                    | DEADBOLT: "B" SERIES (B60/62)    |
| KWSIKSET                 | KNOB: SIGNATURE SERIES                          | DEADBOLT: SIGNATURE SERIES (980) |



2  
2 VERTICAL CROSS SECTION

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

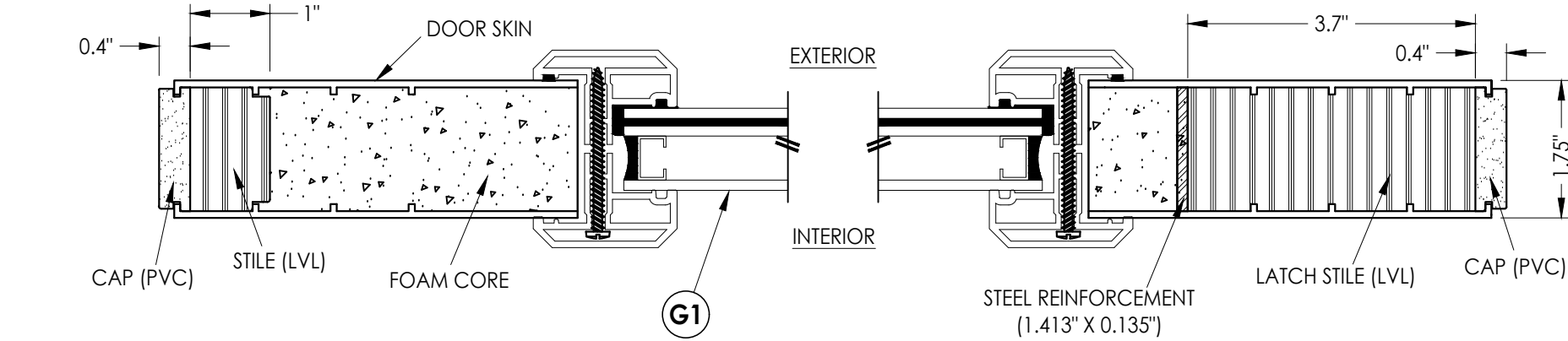
*RW* BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

|          |                                                       |
|----------|-------------------------------------------------------|
| PRODUCT: | WINCORE<br>FIBERGLASS ENTRY DOOR<br>"Impact"          |
|          | PART OR ASSEMBLY:<br>DOOR & SIDELITE<br>PANEL DETAILS |
|          |                                                       |

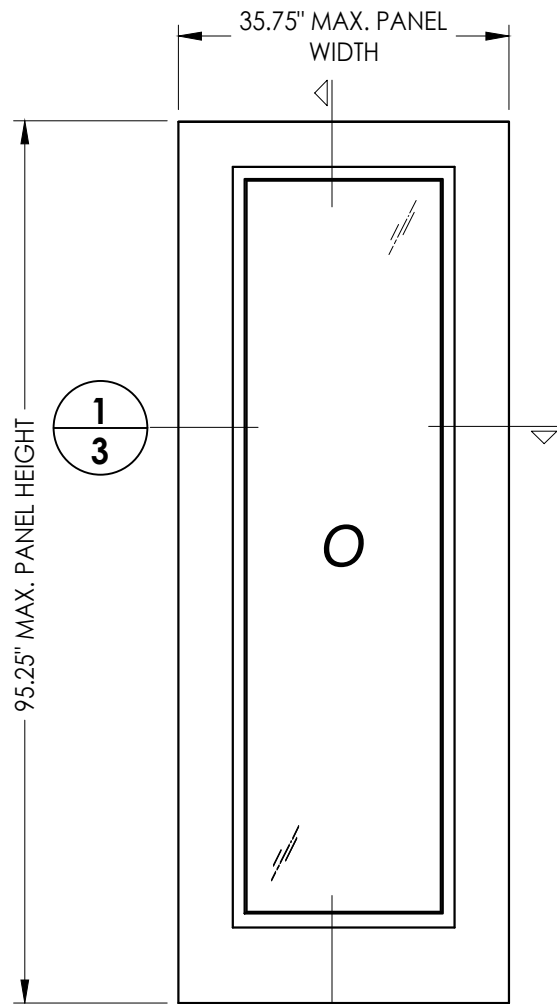
|          |          |           |                                                        |
|----------|----------|-----------|--------------------------------------------------------|
|          |          | LFS       | UPDATE TO 9TH ED. (2026) FBC                           |
| 4        | 7/01/26  | LFS       | UPDATE TO 8TH ED. (2023) FBC                           |
| 3        | 7/06/23  | LFS       | UPDATE TO 7TH ED. (2020) FBC                           |
| 2        | 10/14/20 | RW        | REVISE DESIGN PRESSURE TABLE & ULT. HURRICANE ASTRAGAL |
| 1        | 7/14/20  | BY        |                                                        |
| NO. DATE |          | REVISIONS |                                                        |

|              |            |
|--------------|------------|
| DATE:        | 8/20/19    |
| SCALE:       | N.T.S.     |
| DWG. BY:     | RW         |
| CHK. BY:     | LFS        |
| DRAWING NO.: | FL-30037.6 |
| SHEET        | 2 OF 12    |

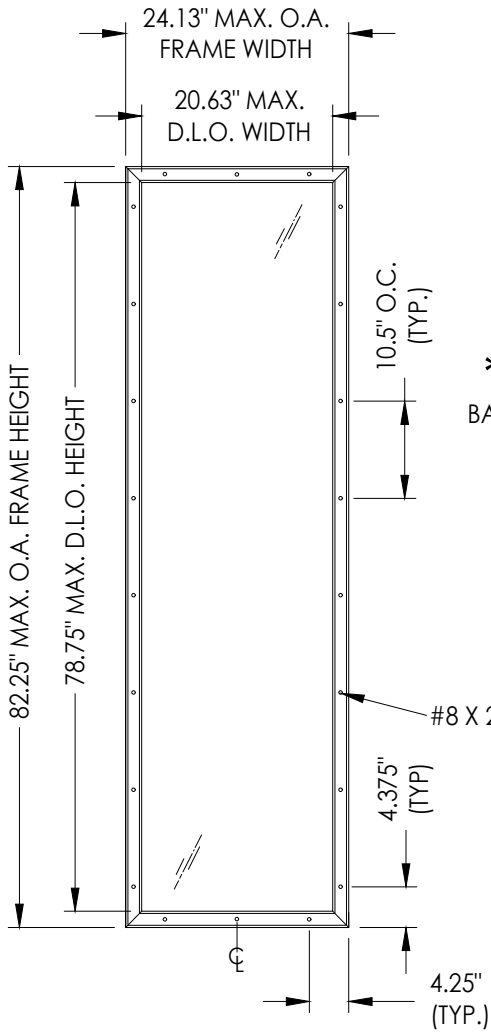
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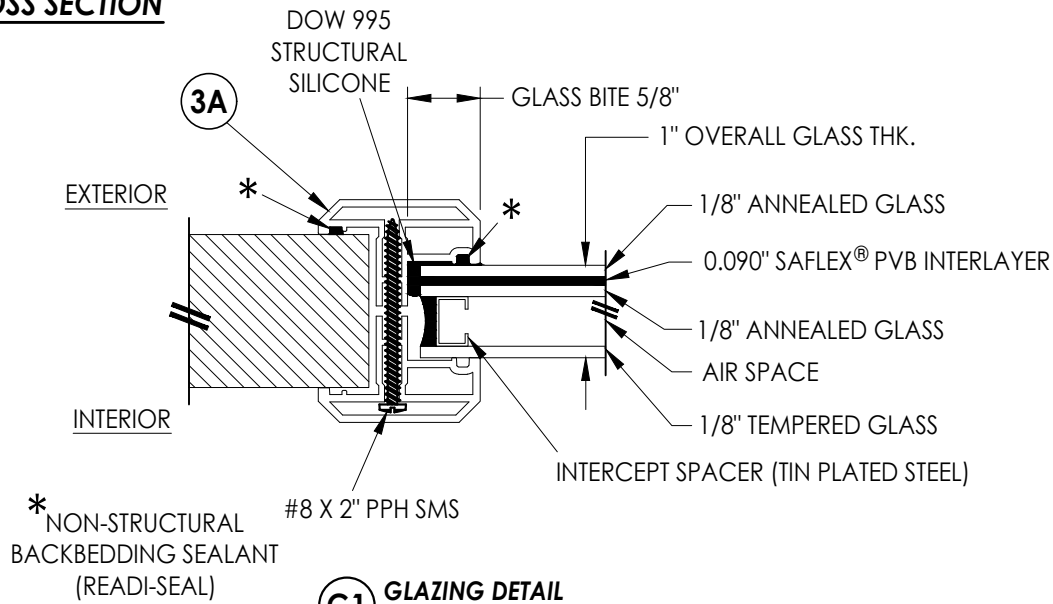
**1**  
**3** **HORIZONTAL CROSS SECTION**



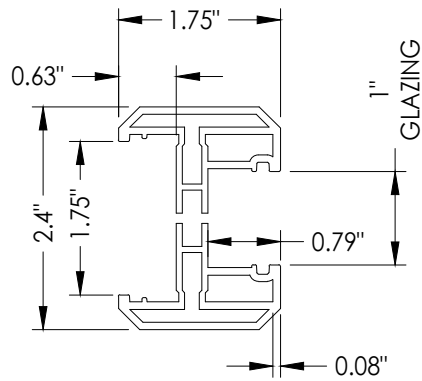
**50** **PLASTPRO SIDELITE PANEL**



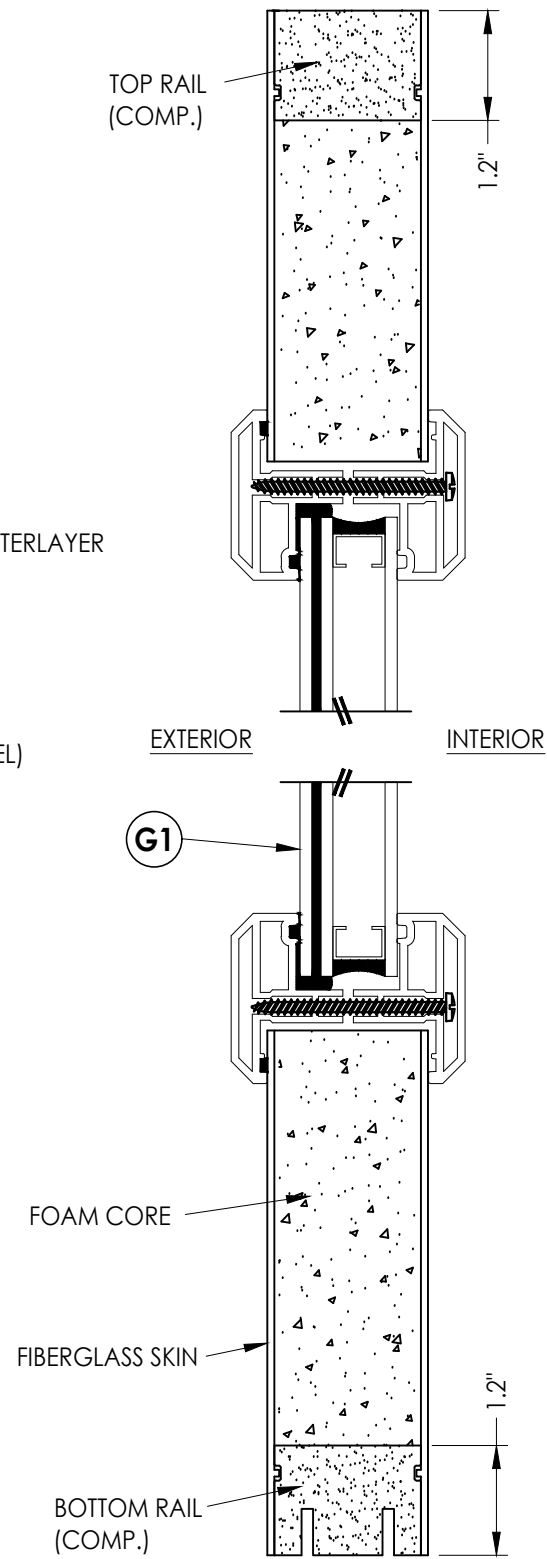
**ODL LITE FRAME DETAIL**  
**"FLAT FRAME" PROFILE**



**G1** **GLAZING DETAIL**  
ODL "FLAT FRAME"



**3A** **ODL LITE FRAME**  
"FLAT FRAME" PROFILE  
(6063-T5 ALUM)



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

FIBERGLASS SKIN: 0.075" MIN. THK.  
FOAM CORE: POLYURETHANE - 1.9 PCF MIN.)

Documents Prepared By:  
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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: WINCORE  
FIBERGLASS ENTRY DOOR  
"Impact"

PART OR ASSEMBLY:  
LITE FRAME  
GLAZING 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   | 10/14/20 | UPDATE TO 7TH ED. (2020) FBC                              | LFS |
| 1   | 7/14/20  | REVISE DESIGN PRESSURE TABLE<br>& ULT. HURRICANE ASTRAGAL | RW  |

DATE: 8/20/19

SCALE: N.T.S.

DWG. BY: RW

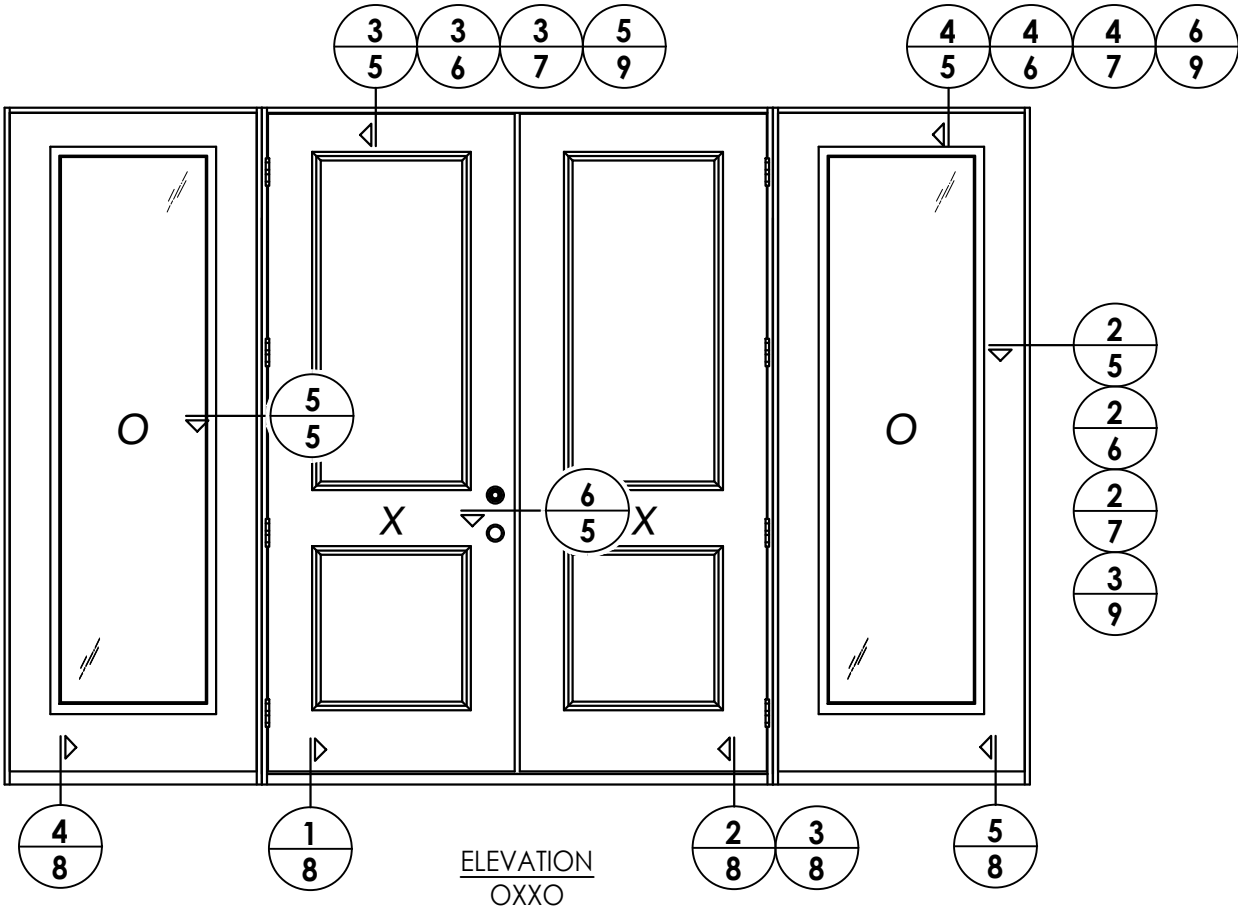
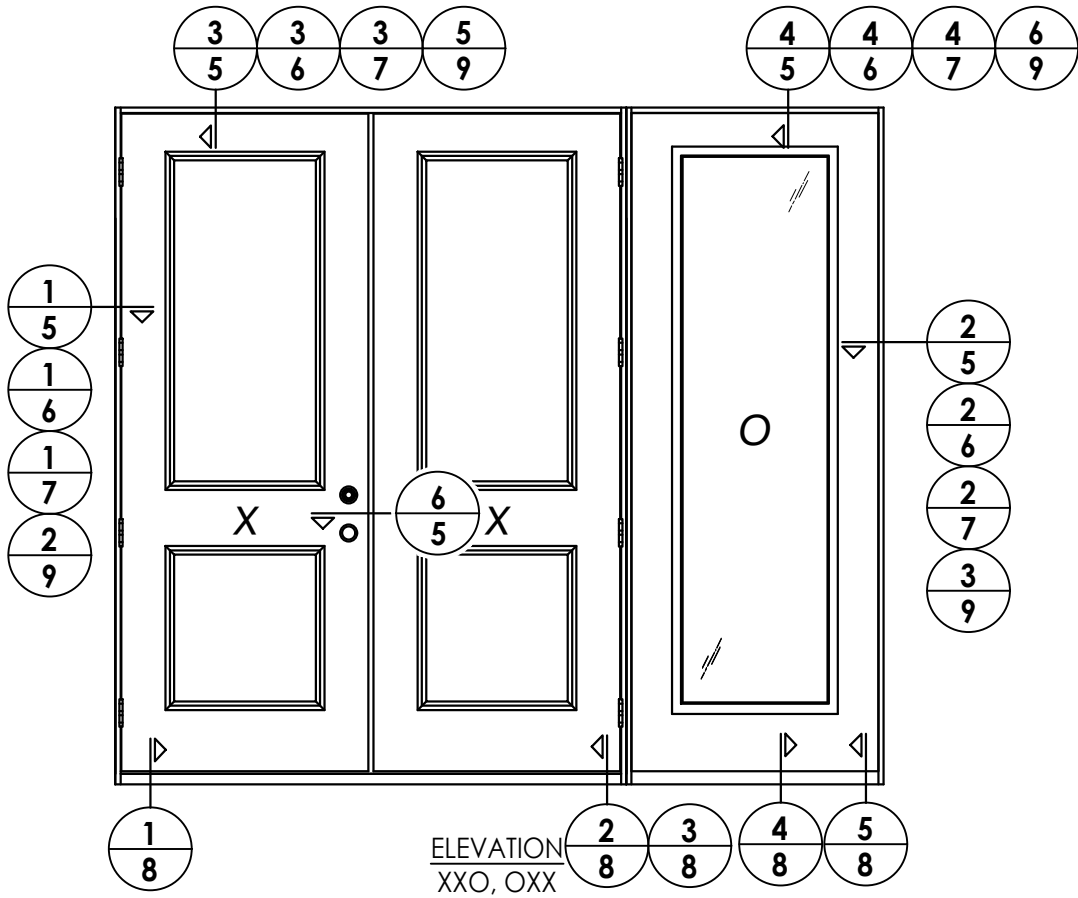
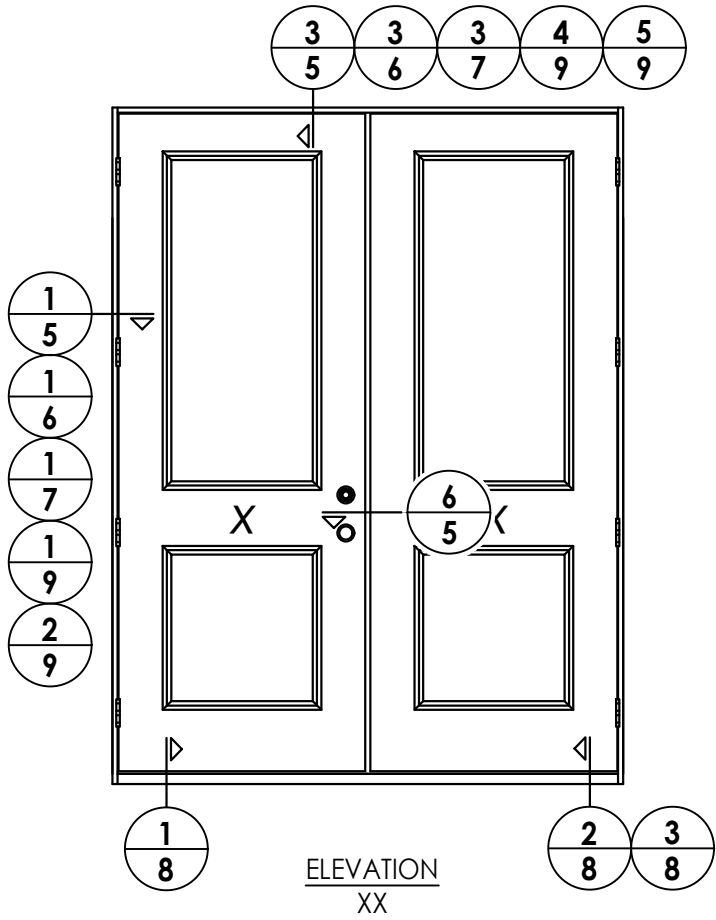
CHK. BY: LFS

DRAWING NO.:

FL-30037.6

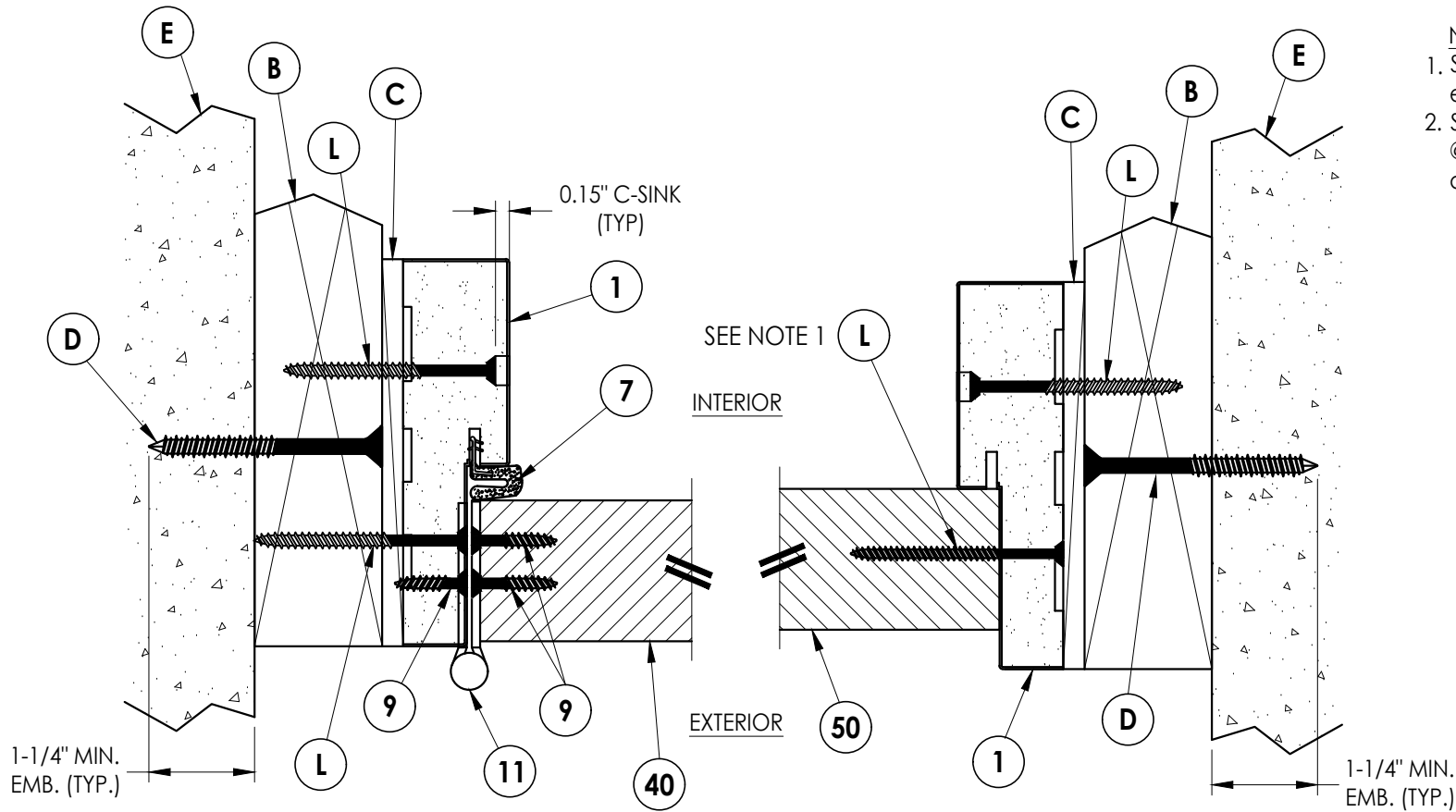
SHEET 3 OF 12

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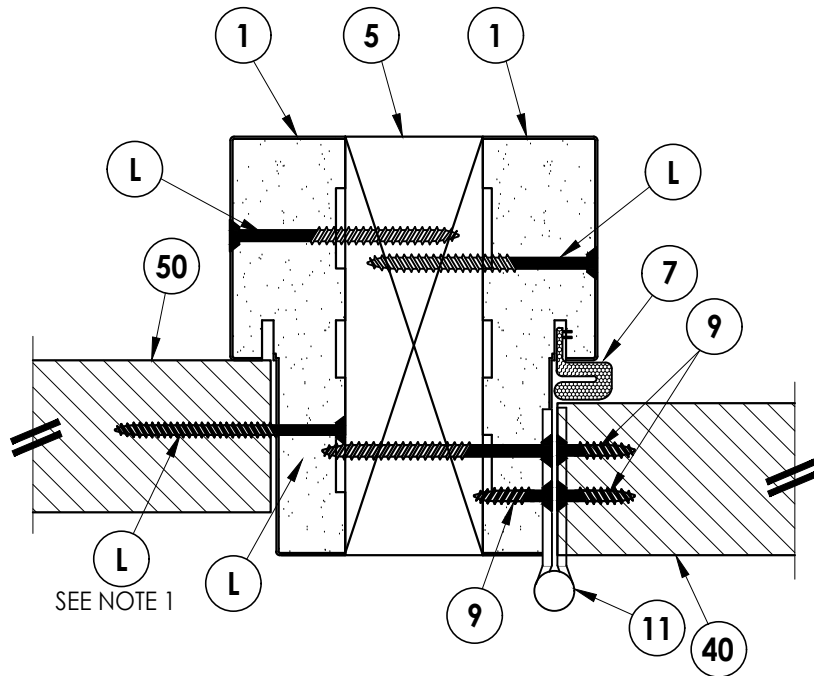
|                                                               |          |                                                           |     |     |                                                                                                                    |  |  |  |  |
|---------------------------------------------------------------|----------|-----------------------------------------------------------|-----|-----|--------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| 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>WINCORE<br>FIBERGLASS ENTRY DOOR<br>"Impact"      |          |                                                           |     |     | PART OR ASSEMBLY:<br>ELEVATIONS                                                                                    |  |  |  |  |
|                                                               |          |                                                           |     |     |                                                                                                                    |  |  |  |  |
| 4                                                             | 7/01/26  | UPDATE TO 9TH ED. (2026)                                  | FBC | LFS |                                                                                                                    |  |  |  |  |
| 3                                                             | 7/06/23  | UPDATE TO 8TH ED. (2023)                                  | FBC | LFS |                                                                                                                    |  |  |  |  |
| 2                                                             | 10/14/20 | UPDATE TO 7TH ED. (2020)                                  | FBC | LFS |                                                                                                                    |  |  |  |  |
| 1                                                             | 7/14/20  | REVISE DESIGN PRESSURE TABLE<br>& ULT. HURRICANE ASTRAGAL | RW  |     |                                                                                                                    |  |  |  |  |
|                                                               |          |                                                           |     |     |                                                                                                                    |  |  |  |  |
| NO.                                                           | DATE     |                                                           |     | BY  |                                                                                                                    |  |  |  |  |
|                                                               |          |                                                           |     |     | REVISIONS                                                                                                          |  |  |  |  |
| DATE: 8/20/19                                                 |          |                                                           |     |     |                                                                                                                    |  |  |  |  |
| SCALE: N.T.S.                                                 |          |                                                           |     |     |                                                                                                                    |  |  |  |  |
| DWG. BY: RW                                                   |          |                                                           |     |     |                                                                                                                    |  |  |  |  |
| CHK. BY: LFS                                                  |          |                                                           |     |     |                                                                                                                    |  |  |  |  |
| DRAWING NO.: FL-30037.6                                       |          |                                                           |     |     |                                                                                                                    |  |  |  |  |
| SHEET 4 OF 12                                                 |          |                                                           |     |     |                                                                                                                    |  |  |  |  |

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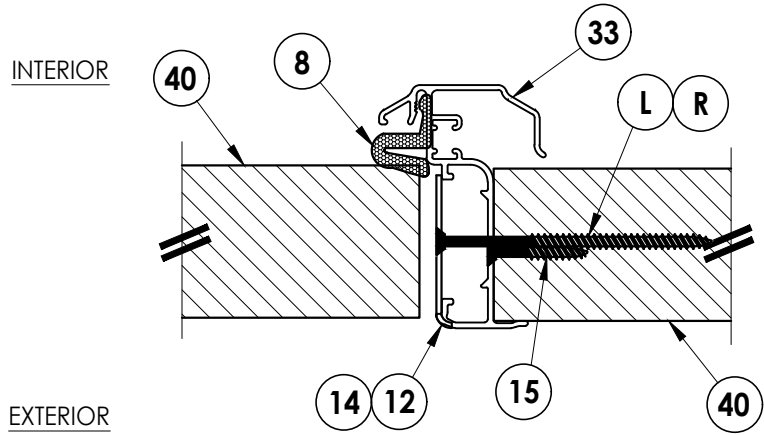


**1**  
**5** HORIZONTAL CROSS SECTION  
Outswing shown (Inswing similar)

**2**  
**5** HORIZONTAL CROSS SECTION  
Outswing shown (Inswing similar)

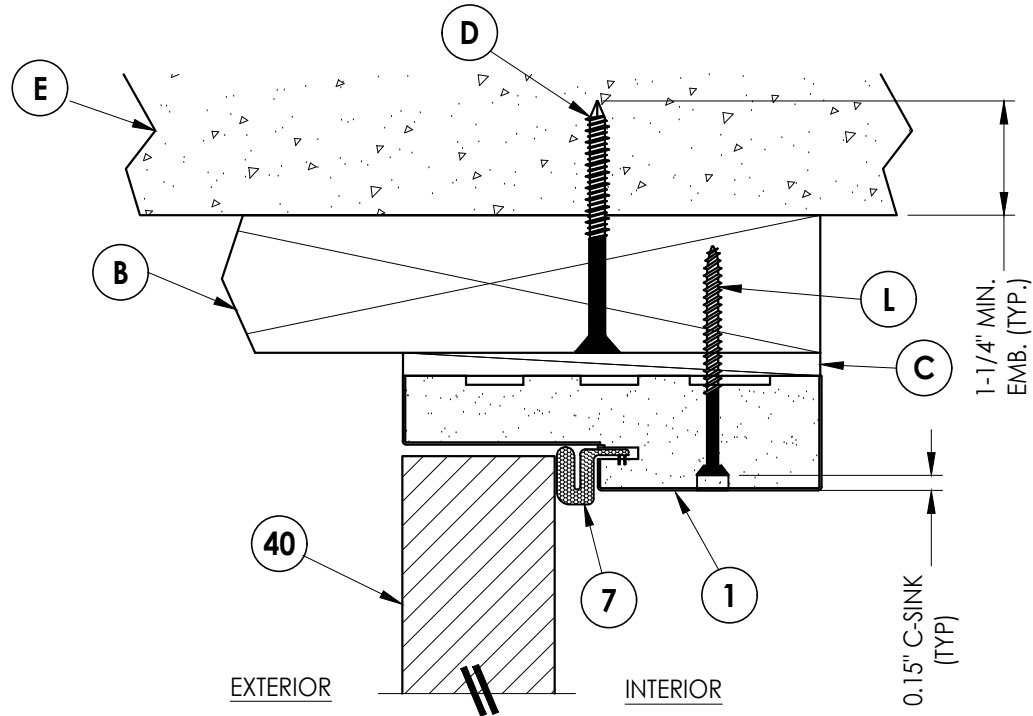


**5**  
**5** HORIZONTAL CROSS SECTION  
Outswing shown (Inswing similar)

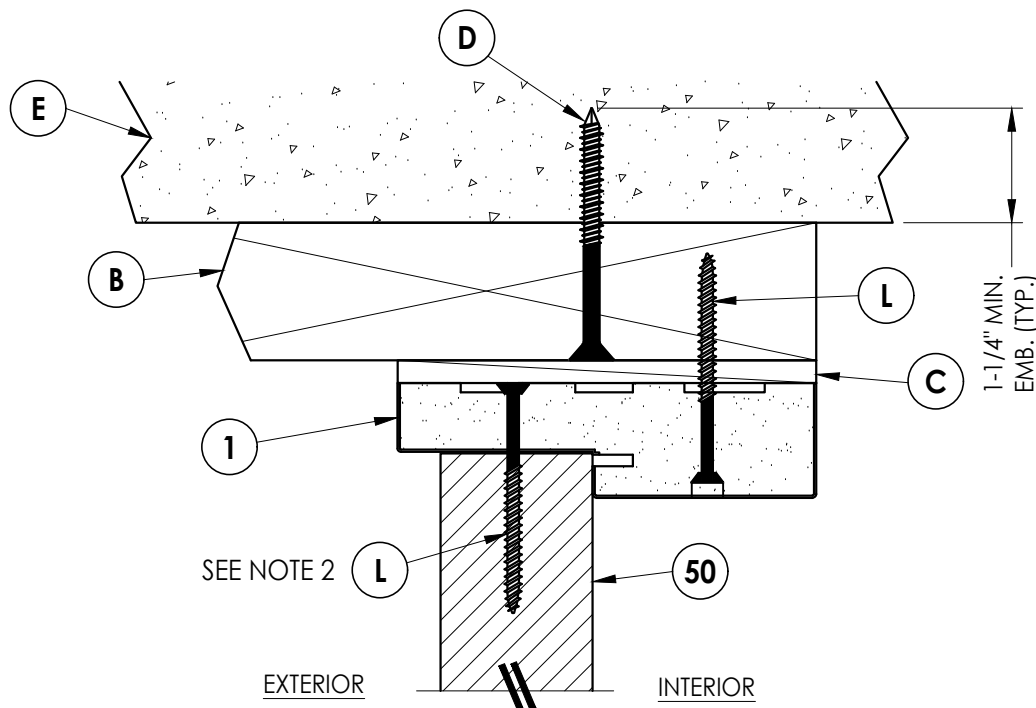


**6**  
**5** HORIZONTAL CROSS SECTION  
Inswing shown (Outswing similar)

- NOTES:
1. Spacing for item L: 6" from each end and 5 more equally spaced along sidelite jamb (7 total).
  2. Spacing for item L @ head & sill: 6" from each end, 1 @ centerline, 2 additional at 3" & 4.5" from end adjacent to door.



**3**  
**5** VERTICAL CROSS SECTION  
Outswing shown (Inswing similar)



**4**  
**5** VERTICAL CROSS SECTION  
Outswing shown (Inswing similar)

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:  
WINCORE ENTRY DOOR  
FIBERGLASS "Impact"

PART OR ASSEMBLY:  
HORIZONTAL & VERTICAL  
CROSS SECTIONS (2X BUCK)

| NO. | DATE     | REVISIONS                                              |
|-----|----------|--------------------------------------------------------|
| 4   | 7/01/26  | UPDATE TO 9TH ED. (2026) FBC                           |
| 3   | 7/06/23  | UPDATE TO 8TH ED. (2023) FBC                           |
| 2   | 10/14/20 | UPDATE TO 7TH ED. (2020) FBC                           |
| 1   | 7/14/20  | REVISE DESIGN PRESSURE TABLE & ULT. HURRICANE ASTRAGAL |
| NO. | DATE     | BY                                                     |

DATE: 8/20/19

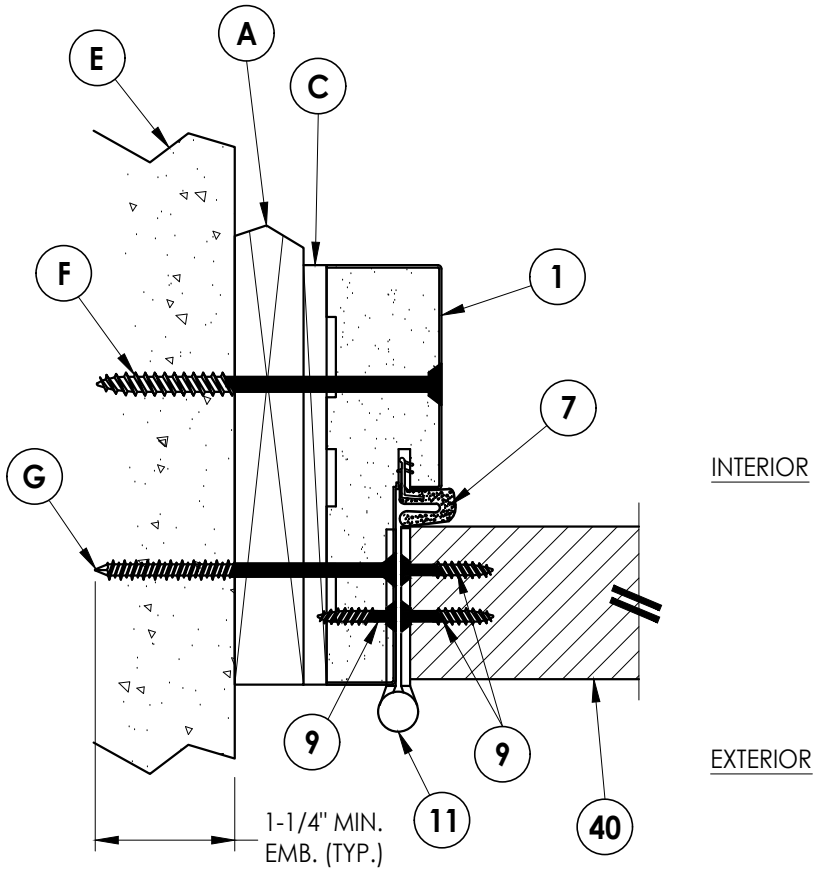
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DWG. BY: RW

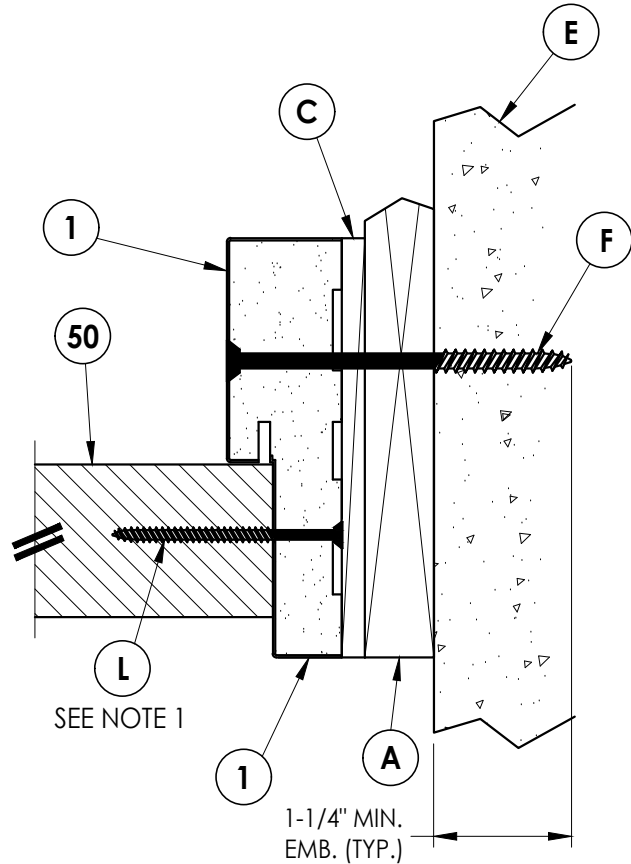
CHK. BY: LFS

DRAWING NO.:  
FL-30037.6

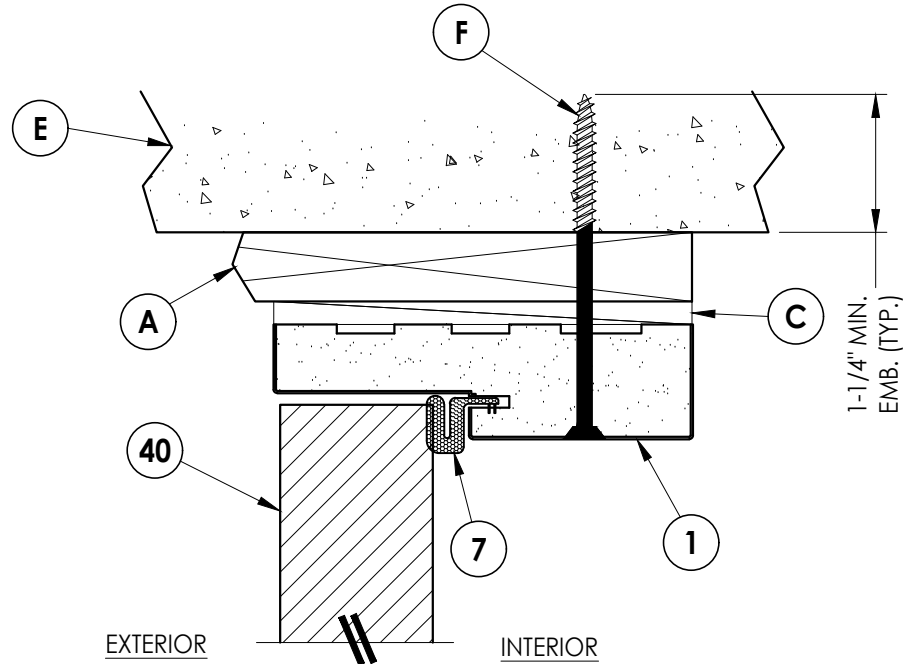
SHEET 5 OF 12



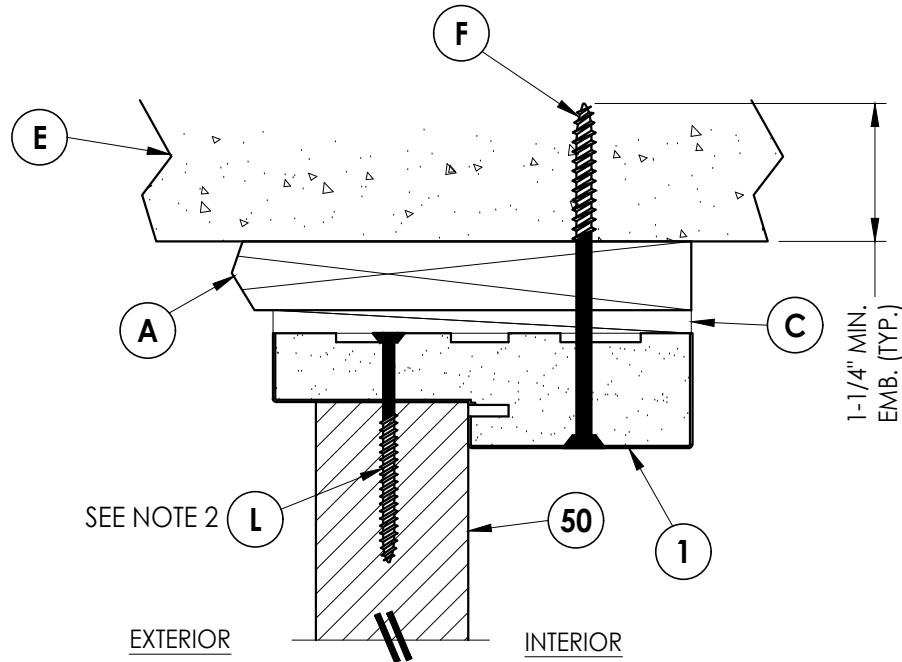
**1**  
**6** **HORIZONTAL CROSS SECTION**  
Shown w/ 1X sub-buck  
Outswing shown (Inswing similar)



**2**  
**6** **HORIZONTAL CROSS SECTION**  
Shown w/ 1X sub-buck  
Outswing shown (Inswing similar)



**3**  
**6** **VERTICAL CROSS SECTION**  
Shown w/ 1X sub-buck  
Outswing shown (Inswing similar)



**4**  
**6** **VERTICAL CROSS SECTION**  
Shown w/ 1X sub-buck  
Outswing shown (Inswing similar)

NOTES:

- Spacing for item L: 6" from each end and 5 more equally spaced along sidelite jamb (7 total).
- Spacing for item L @ head & sill: 6" from each end, 1 @ centerline, 2 additional at 3" & 4.5" from end adjacent to door.

Documents Prepared By:  
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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:  
WINCORE  
FIBERGLASS ENTRY DOOR  
"Impact"

PART OR ASSEMBLY:  
HORIZONTAL & VERTICAL  
CROSS SECTIONS (1X BUCK)

| NO. | DATE     | REVISIONS |      |                                                        |           |
|-----|----------|-----------|------|--------------------------------------------------------|-----------|
|     |          | BY        | DATE | DESCRIPTION                                            | REVISIONS |
| 4   | 7/01/26  | LFS       |      | UPDATE TO 9TH ED. (2026) FBC                           |           |
| 3   | 7/06/23  | LFS       |      | UPDATE TO 8TH ED. (2023) FBC                           |           |
| 2   | 10/14/20 | LFS       |      | UPDATE TO 7TH ED. (2020) FBC                           |           |
| 1   | 7/14/20  | RW        |      | REVISE DESIGN PRESSURE TABLE & ULT. HURRICANE ASTRAGAL |           |

DATE: 8/20/19

SCALE: N.T.S.

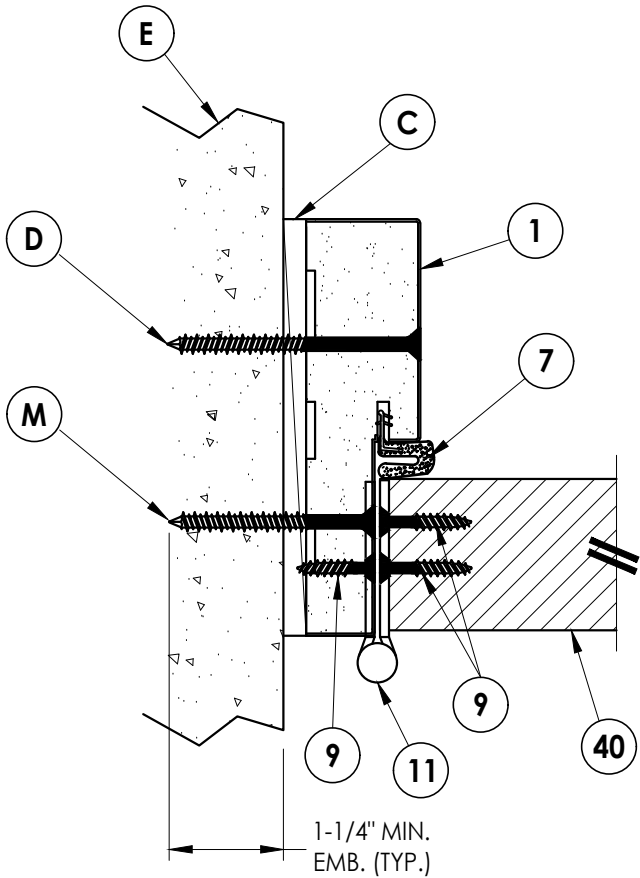
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CHK. BY: LFS

DRAWING NO.:

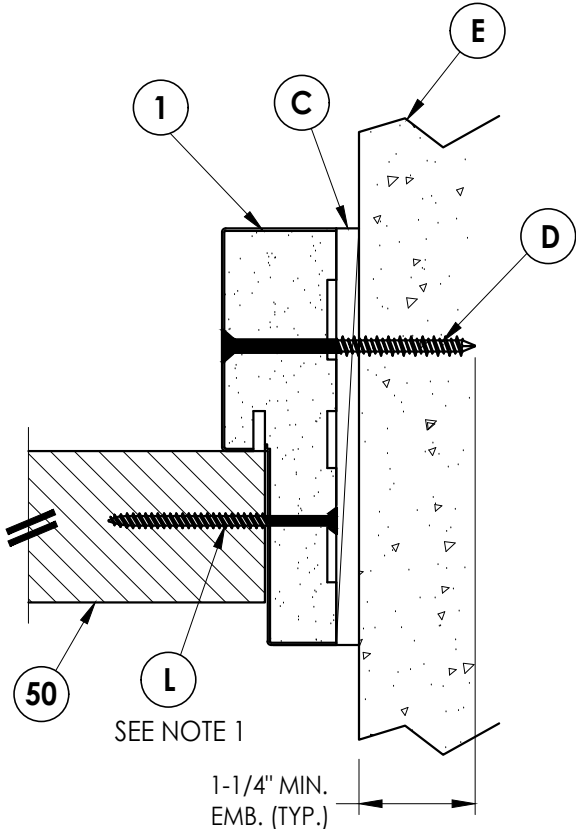
FL-30037.6

SHEET 6 OF 12

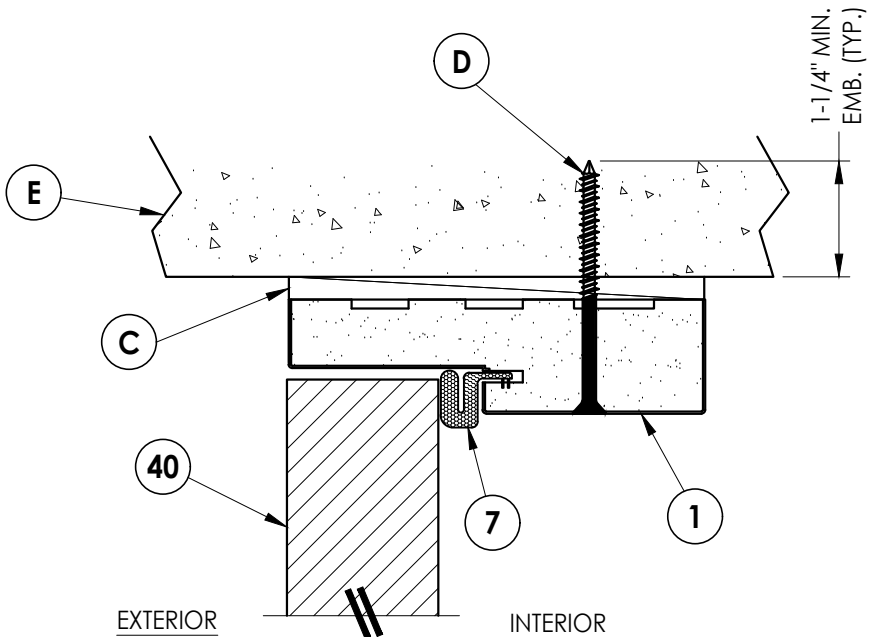


**1**  
**7** **HORIZONTAL CROSS SECTION**  
Shown Direct to Masonry  
Outswing shown (Inswing similar)

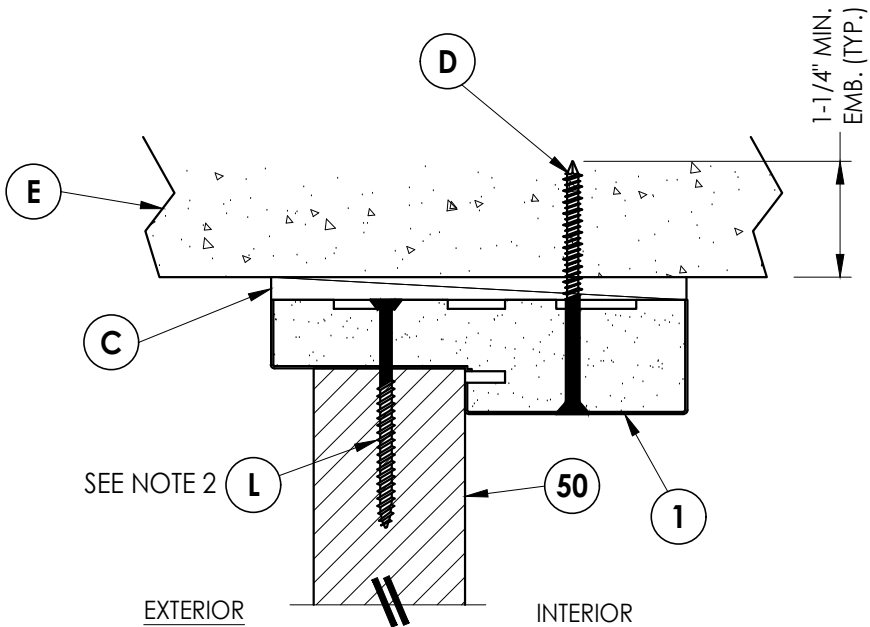
INTERIOR  
EXTERIOR



**2**  
**7** **HORIZONTAL CROSS SECTION**  
Shown Direct to Masonry  
Outswing shown (Inswing similar)



**3**  
**7** **VERTICAL CROSS SECTION**  
Shown Direct to Masonry  
Outswing shown (Inswing similar)



**4**  
**7** **VERTICAL CROSS SECTION**  
Shown Direct to Masonry  
Outswing shown (Inswing similar)

- NOTES:
1. Spacing for item L: 6" from each end and 5 more equally spaced along sidelite jamb (7 total).
  2. Spacing for item L @ head & sill: 6" from each end, 1 @ centerline, 2 additional at 3" & 4.5" from end adjacent to door.

PRODUCT: WINCORE  
FIBERGLASS ENTRY DOOR  
PART OR ASSEMBLY:  
HORIZONTAL & VERTICAL CROSS  
SECTIONS (DIRECT TO MASONRY)

| NO. | DATE     | REVISIONS                                                 |
|-----|----------|-----------------------------------------------------------|
| 4   | 7/01/26  | UPDATE TO 9TH ED. (2026) FBC                              |
| 3   | 7/06/23  | UPDATE TO 8TH ED. (2023) FBC                              |
| 2   | 10/14/20 | UPDATE TO 7TH ED. (2020) FBC                              |
| 1   | 7/14/20  | REVISE DESIGN PRESSURE TABLE<br>& ULT. HURRICANE ASTRAGAL |
|     |          | BY                                                        |

DATE: 8/20/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:

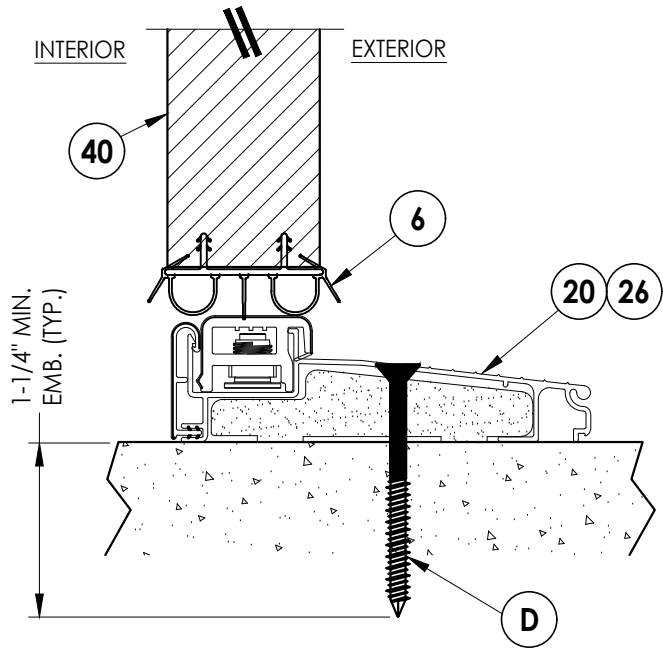
FL-30037.6

SHEET 7 OF 12

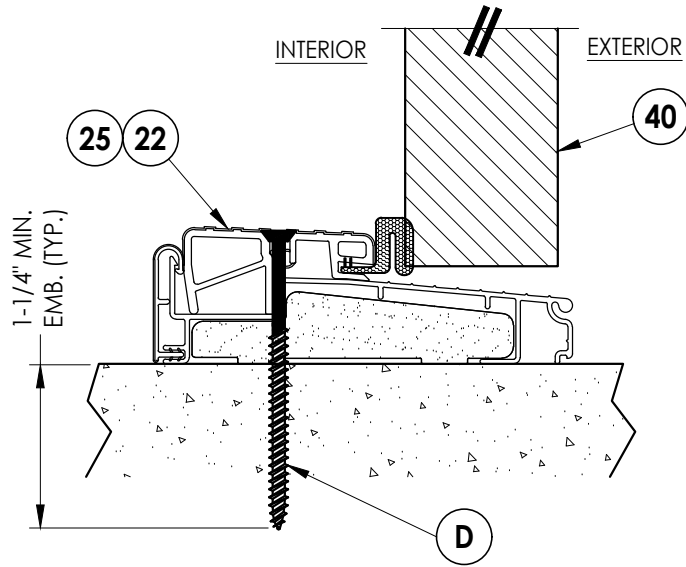
Documents Prepared By:  
Lyndon F. Schmidt  
P.E. No. 43409

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

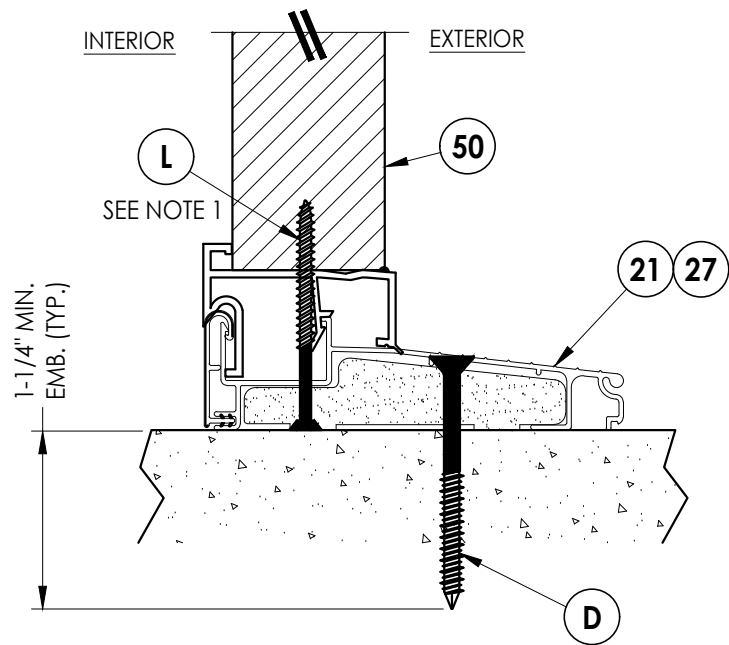
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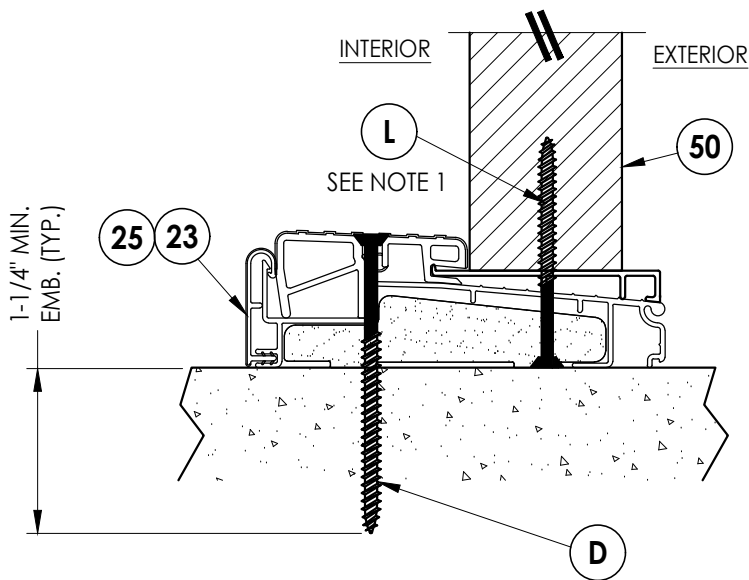
**1**  
**8** **VERTICAL CROSS SECTION**  
Inswing sill



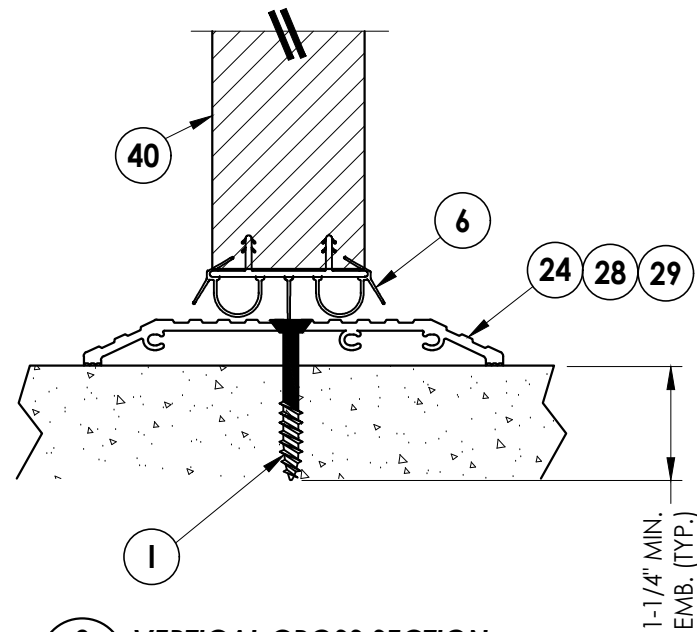
**2**  
**8** **VERTICAL CROSS SECTION**  
Outswing sill



**4**  
**8** **VERTICAL CROSS SECTION**  
Inswing sill



**5**  
**8** **VERTICAL CROSS SECTION**  
Inswing sill



**3**  
**8** **VERTICAL CROSS SECTION**  
ADA Sill

NOTE:  
1. Spacing for item L @ head & sill: 6" from each end,  
1 @ centerline, 2 additional at 3" & 4.5" from end  
adjacent to door.

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:  
WINCORE  
FIBERGLASS ENTRY DOOR  
Impact

PART OR ASSEMBLY:  
VERTICAL CROSS  
SECTIONS (THRESHOLDS)

| 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   | 10/14/20 | UPDATE TO 7TH ED. (2020) FBC                              | LFS |
| 1   | 7/14/20  | REVISE DESIGN PRESSURE TABLE<br>& ULT. HURRICANE ASTRAGAL | RW  |

DATE: 8/20/19

SCALE: N.T.S.

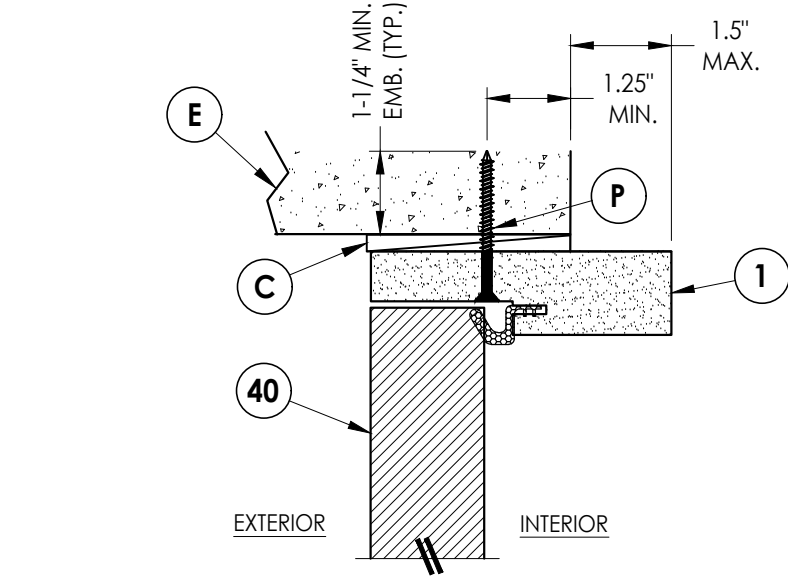
DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:  
FL-30037.6

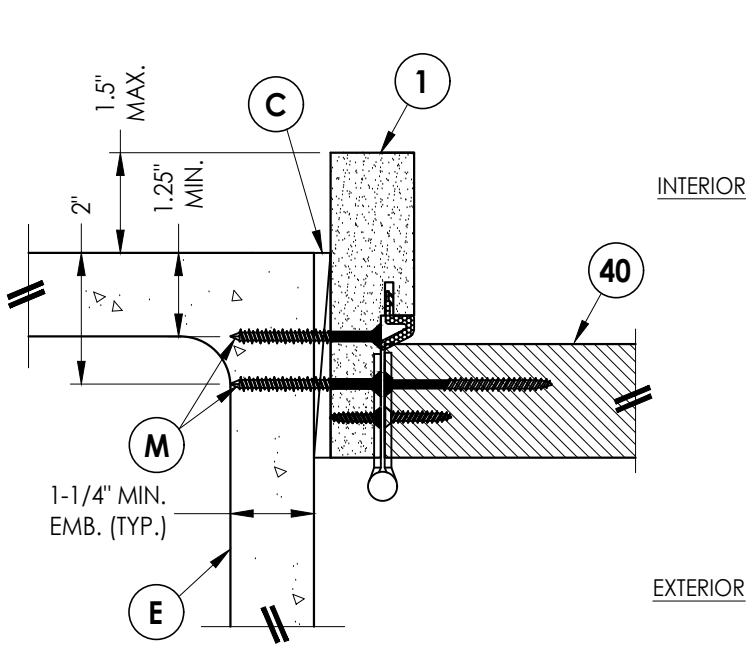
SHEET 8 OF 12

Z:\2023 FBC Drawings\Wincore Window Company\FL-30037 R5\FL-30037.6.dwg

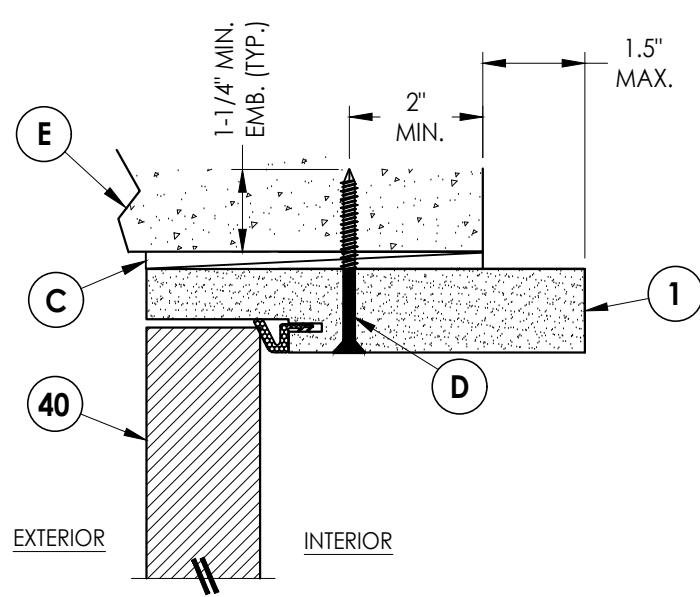


**4**  
**9** **VERTICAL CROSS SECTION**  
Shown Direct to Masonry  
Outswing only w/ 4-9/16" jamb  
Double Door Only (N/A w/ Sidelites)

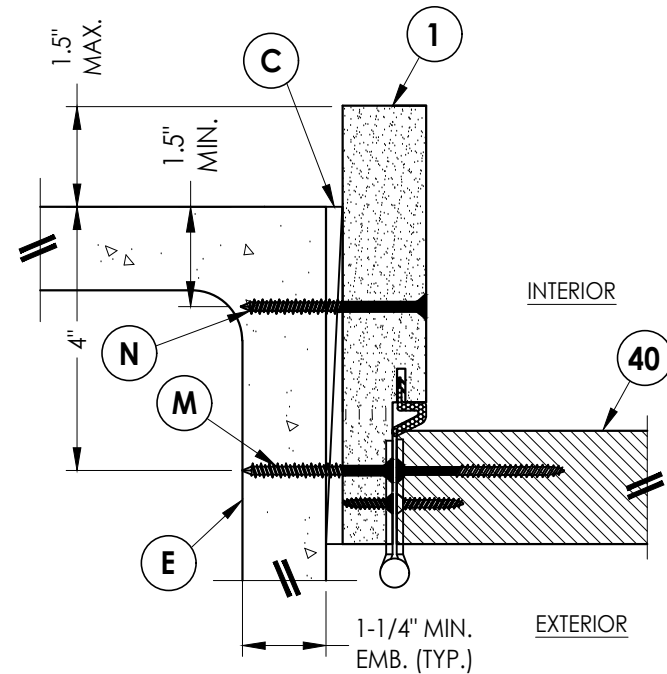
- NOTES:
1. Sidelite assembly screws located 6" from top and bottom then 5 more equally spaced (7 total).
  2. Spacing for item L: 3" from each end and @ center line (3 total).



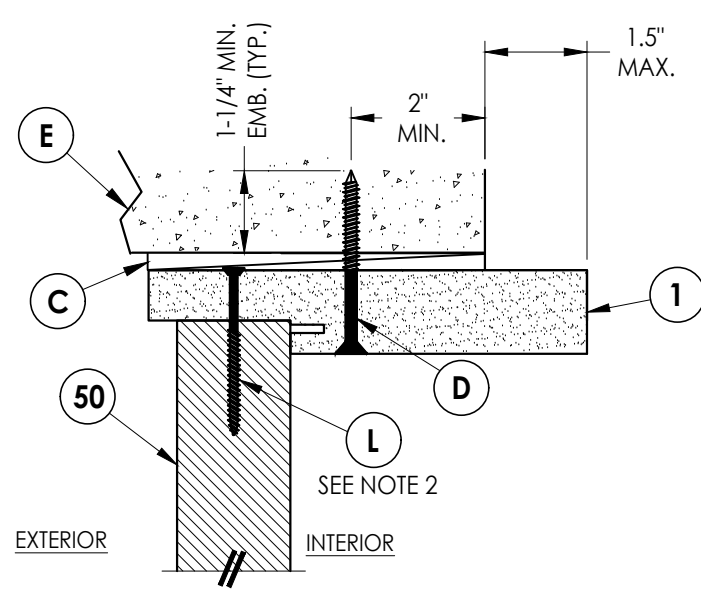
**1**  
**9** **HORIZONTAL CROSS SECTION**  
Shown Direct to Masonry  
Outswing only w/ 4-9/16" jamb  
Double Door Only (N/A w/ Sidelites)



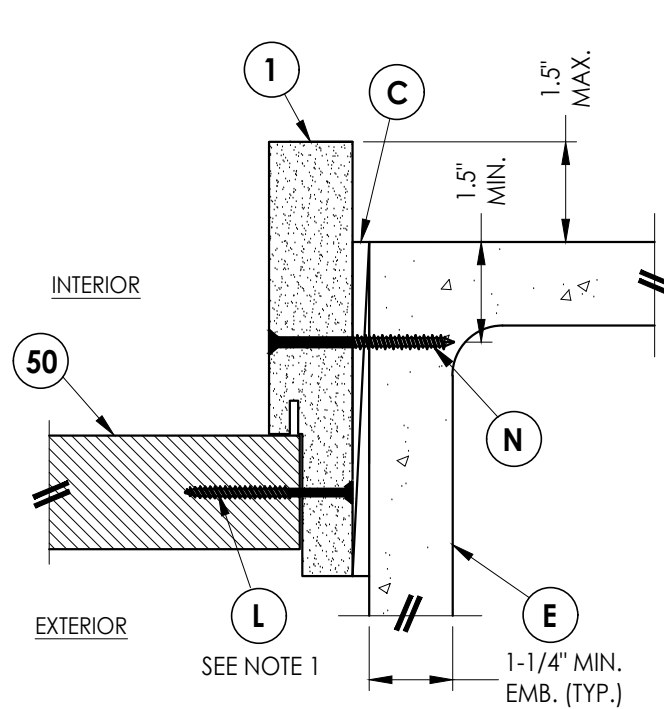
**5**  
**9** **VERTICAL CROSS SECTION**  
Shown Direct to Masonry  
Outswing only w/ 6-9/16" jamb



**2**  
**9** **HORIZONTAL CROSS SECTION**  
Shown Direct to Masonry  
Outswing only w/ 6-9/16" jamb



**6**  
**9** **VERTICAL CROSS SECTION**  
Shown Direct to Masonry  
Outswing only w/ 6-9/16" jamb



**3**  
**9** **HORIZONTAL CROSS SECTION**  
Shown Direct to Masonry  
Outswing only w/ 6-9/16" jamb

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: WINCORE  
FIBERGLASS ENTRY DOOR  
"Impact"  
PART OR ASSEMBLY:  
HORIZONTAL & VERTICAL  
SECTIONS (DIRECT TO MASONRY)

| NO.       | DATE     | BY  |
|-----------|----------|-----|
| 4         | 7/01/26  | LFS |
| 3         | 7/06/23  | LFS |
| 2         | 10/14/20 | LFS |
| 1         | 7/14/20  | RW  |
| REVISIONS |          |     |

DATE: 8/20/19

SCALE: N.T.S.

DWG. BY: RW

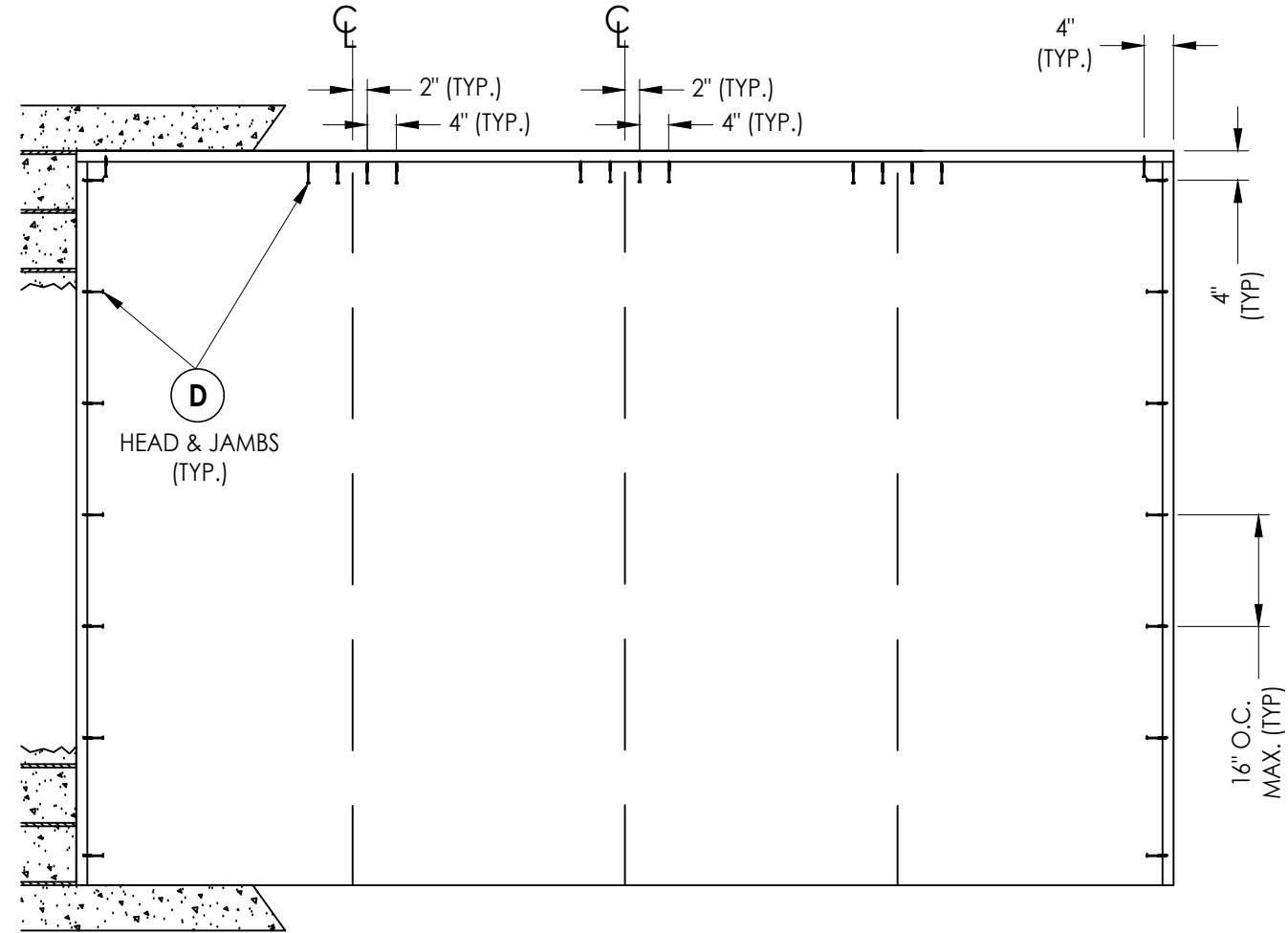
CHK. BY: LFS

DRAWING NO.:

FL-30037.6

SHEET 9 OF 12

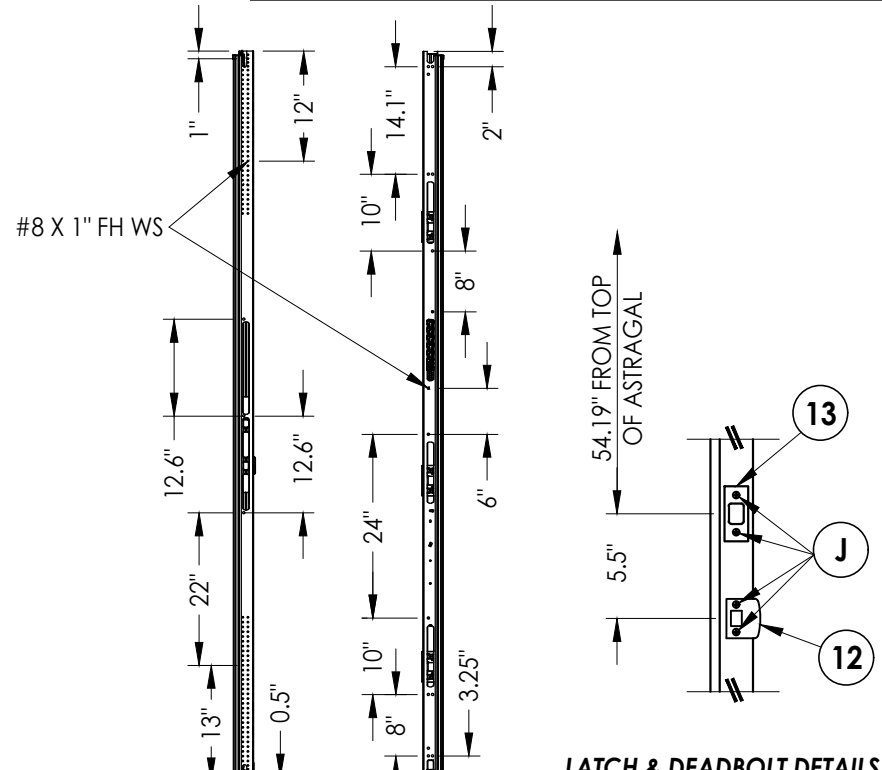
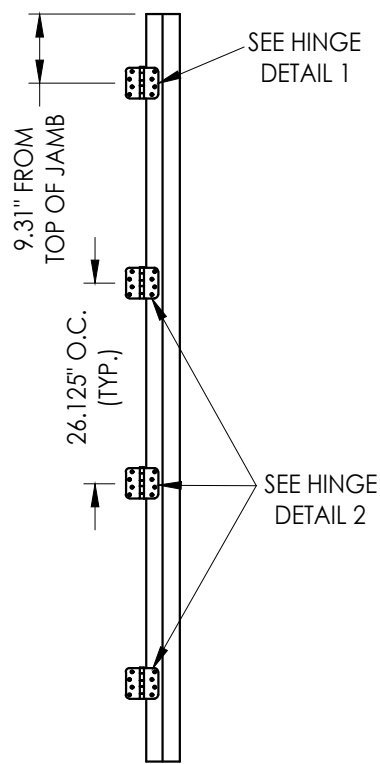
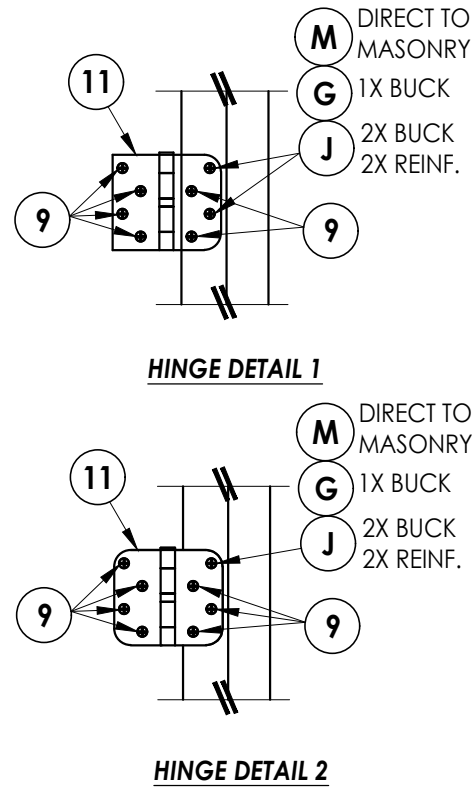
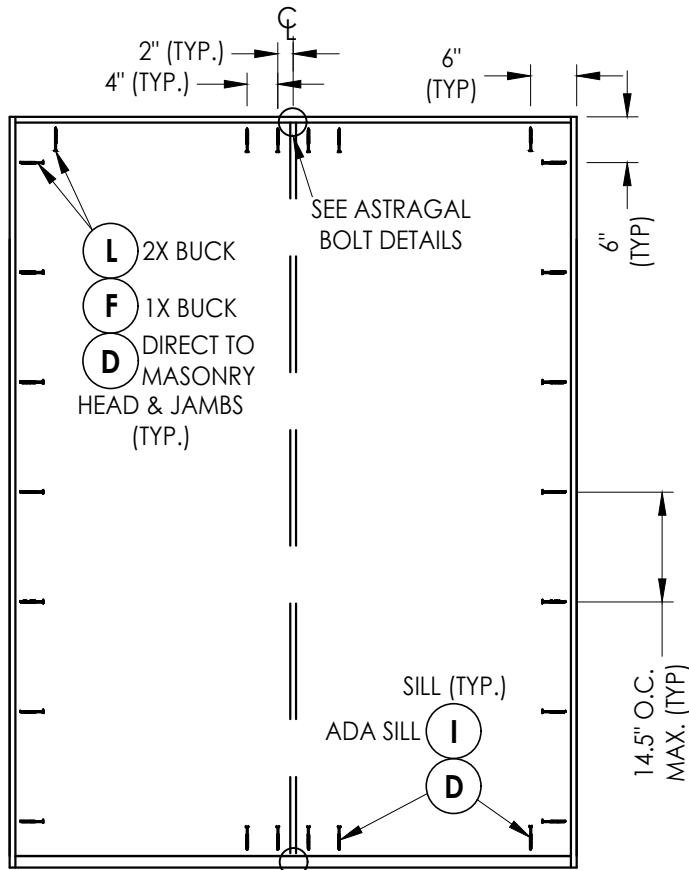
## 2X BUCK ANCHORING



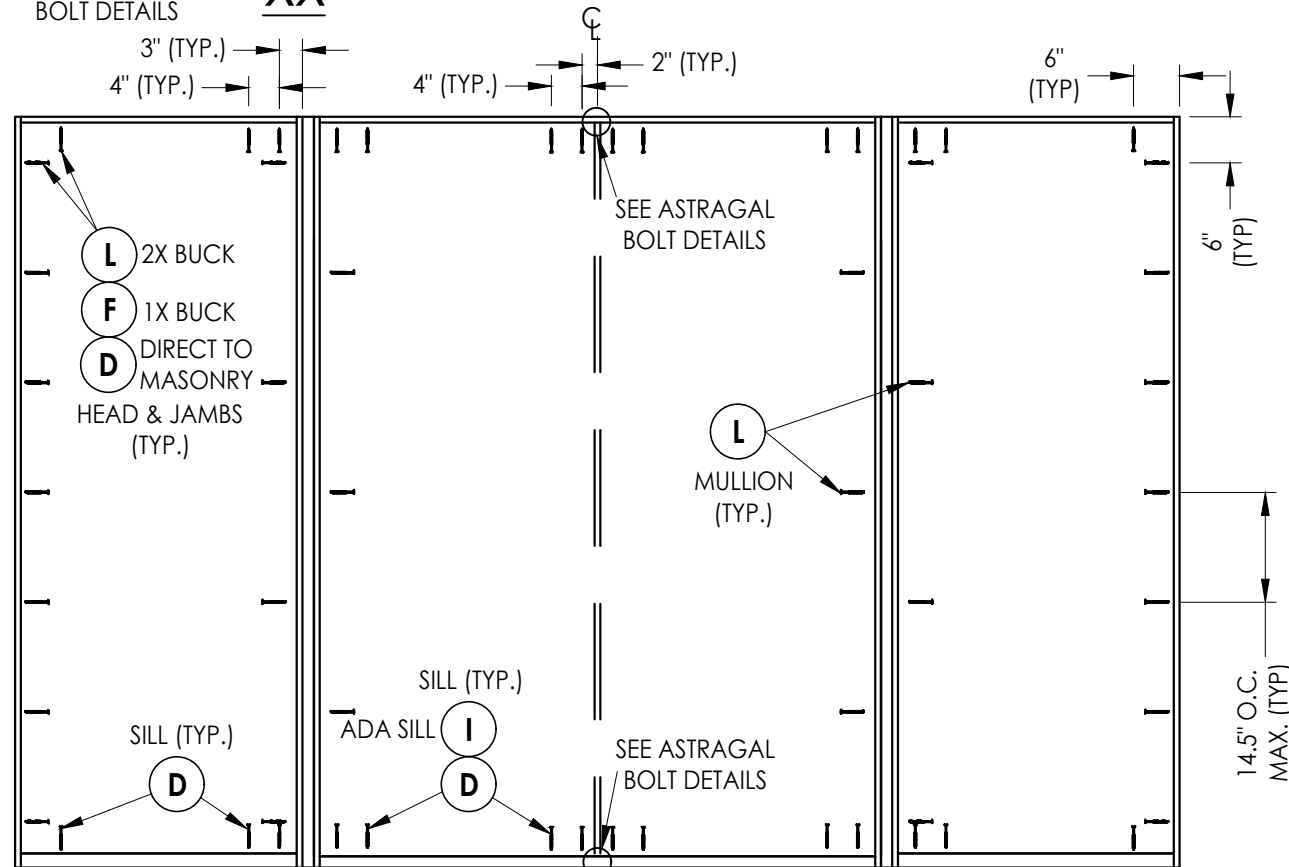
OXXO (Shown)  
XXO, OOX (Similar)

|                            |  |                                              |  |                                                                                                                                          |  |
|----------------------------|--|----------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------|--|
| DATE: 8/20/19              |  | PRODUCT:                                     |  | Documents Prepared By:                                                                                                                   |  |
| SCALE: N.T.S.              |  | WINCORE<br>FIBERGLASS ENTRY DOOR<br>"Impact" |  | Lyndon F. Schmidt<br>P.E. No. 43409                                                                                                      |  |
| DWG. BY: RW                |  | PART OR ASSEMBLY:                            |  | <i>R<sup>g</sup>W</i> BUILDING CONSULTANTS, INC.<br>P.O. Box 230, Valrico, FL 33595<br>Phone No.: 813.659.9197<br>FBPE Registry No. 9813 |  |
| CHK. BY: LFS               |  | BUCK ANCHORING                               |  |                                                                                                                                          |  |
| DRAWING NO.:<br>FL-30037.6 |  |                                              |  |                                                                                                                                          |  |
| SHEET 10 OF 12             |  |                                              |  |                                                                                                                                          |  |

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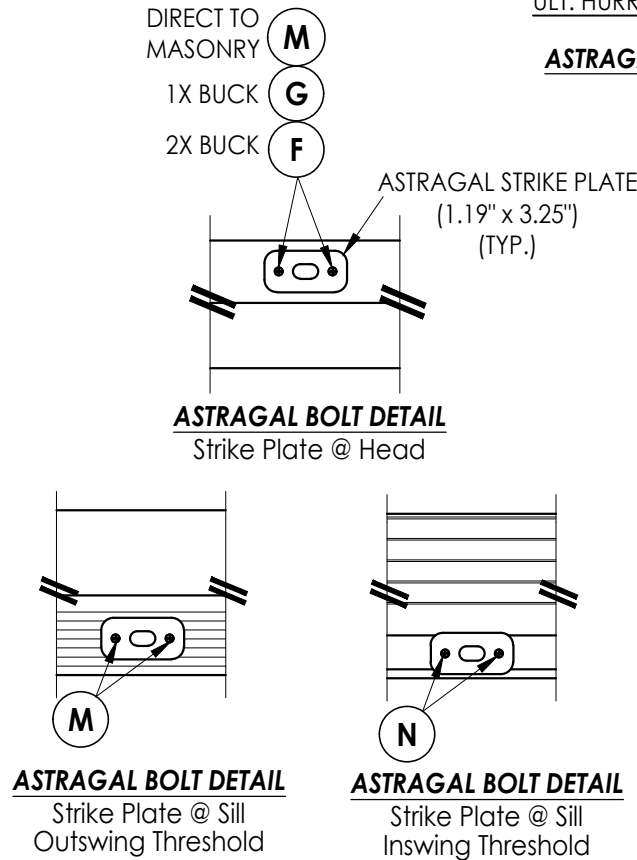
ULT. HURRICANE ULT. TRIENNium  
**ASTRAGAL SCREW LOCATIONS**



**OXXO (Shown)**

XXO, OXX (Similar - Use jamb anchoring from XX above)

## FRAME ANCHORING



## HARDWARE DETAILS

**CORROSION RESISTANCE - SALTWATER ENVIRONMENTS**  
Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.

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: WINCORE  
FIBERGLASS ENTRY DOOR  
"Impact"

PART OR ASSEMBLY:  
FRAME ANCHORING  
& HARDWARE DETAILS

|     |          | REVISIONS                                              |     |      |           |
|-----|----------|--------------------------------------------------------|-----|------|-----------|
| NO. | DATE     | DESCRIPTION                                            | BY  | 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   | 10/14/20 | UPDATE TO 7TH ED. (2020) FBC                           | LFS |      |           |
| 1   | 7/14/20  | REVISE DESIGN PRESSURE TABLE & ULT. HURRICANE ASTRAGAL | RW  |      |           |

DATE: 8/20/19  
SCALE: N.T.S.  
DWG. BY: RW  
CHK. BY: LFS  
DRAWING NO.: FL-30037.6  
SHEET 11 OF 12

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| BILL OF MATERIALS |                                                                                                |           |
|-------------------|------------------------------------------------------------------------------------------------|-----------|
| ITEM #            | DESCRIPTION                                                                                    | MATERIAL  |
| A                 | 1X BUCK (G >= 0.42)                                                                            | WOOD      |
| B                 | 2X BUCK (G >= 0.42)                                                                            | WOOD      |
| C                 | 1/4" MAX. SHIM SPACE                                                                           | -         |
| D                 | 1/4" PFH CONCRETE SCREW (1-1/4" MIN. EMB.)                                                     | STEEL     |
| E                 | MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90 | CONCRETE  |
| F                 | 1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW                                                 | STEEL     |
| G                 | 3/16" x 3-1/4" PFH ITW CONCRETE SCREW                                                          | STEEL     |
| I                 | 1/4" X 1-3/4" PFH DeWALT OR ITW CONCRETE SCREW                                                 | STEEL     |
| L                 | #10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMB.)                                                  | STEEL     |
| M                 | 3/16" X 2-1/4" ITW CONCRETE SCREW                                                              | STEEL     |
| N                 | 3/16" X 2-3/4" ITW CONCRETE SCREW                                                              | STEEL     |
| P                 | 1/4" X 2-1/4" PFH DeWALT CONCRETE SCREW                                                        | STEEL     |
| R                 | #8 X 2-1/2" PFH WOOD SCREW                                                                     | STEEL     |
| 1                 | POLY FIBER JAMB                                                                                | COMP.     |
| 5                 | 2X REINFORCEMENT (G >= 0.55)                                                                   | WOOD      |
| 6                 | DOOR SWEEP                                                                                     | PVC       |
| 7                 | WEATHERSTRIP (ENDURA FORCE 5)                                                                  | FOAM      |
| 8                 | WEATHERSTRIP (Q-LON)                                                                           | FOAM      |
| 9                 | #9 X 3/4" PFH WOOD SCREW                                                                       | STEEL     |
| 11                | 4" X 4" HINGE (SQUARE OR RADIUS)                                                               | STEEL     |
| 12                | LATCH STRIKE PLATE                                                                             | STEEL     |
| 13                | DEADBOLT STRIKE PLATE                                                                          | STEEL     |
| 14                | TRILENNIUM MULTI-POINT STRIKE PLATE                                                            | STEEL     |
| 20                | INSWING THRESHOLD                                                                              | ALUM/COMP |
| 21                | INSWING THRESHOLD w/ SIDELITE ADAPTER                                                          | ALUM/COMP |
| 22                | OUTSWING THRESHOLD                                                                             | ALUM/COMP |
| 23                | OUTSWING THRESHOLD w/ SIDELITE ADAPTER                                                         | ALUM/COMP |
| 24                | ADA THRESHOLD                                                                                  | ALUM      |
| 25                | OUTSWING THRESHOLD                                                                             | ALUM/WOOD |
| 26                | INSWING THRESHOLD                                                                              | ALUM/WOOD |
| 27                | INSWING THRESHOLD w/ SIDELITE ADAPTER                                                          | ALUM/WOOD |
| 28                | INSWING ADA THRESHOLD                                                                          | ALUM      |
| 29                | OUTSWING ADA THRESHOLD                                                                         | ALUM      |
| 33                | ASTRAGAL (ENDURA)                                                                              | ALUM      |
| 40                | DOOR PANEL                                                                                     | -         |
| 50                | SIDELITE PANEL                                                                                 | -         |

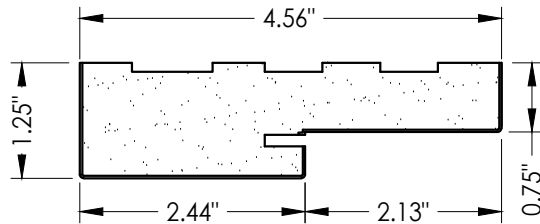
CONCRETE ANCHOR NOTES:

- 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:

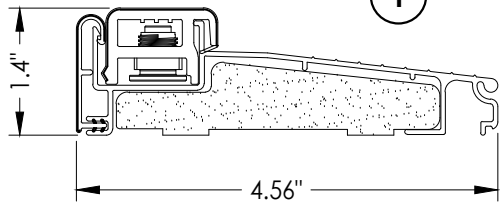
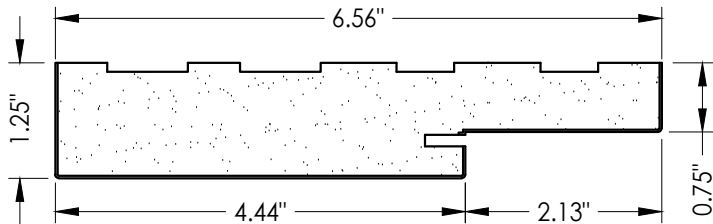
| ANCHOR TYPE         | ANCHOR SIZE | MIN. EMBEDMENT | MIN. CLEARANCE TO MASONRY EDGE | MIN. CLEARANCE TO ADJACENT ANCHOR |
|---------------------|-------------|----------------|--------------------------------|-----------------------------------|
| ITW BUILDEX TAPCON® | 3/16"       | 1-1/4"         | 3"                             | 1-1/2"                            |
|                     | 1/4"        | 1-1/4"         | 2"                             | 4"                                |
| DeWALT ULTRACON®    | 1/4"        | 1-1/4"         | 1"                             | 4"                                |

WOOD SCREW INSTALLATION NOTES:

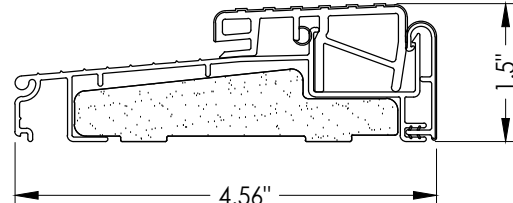
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



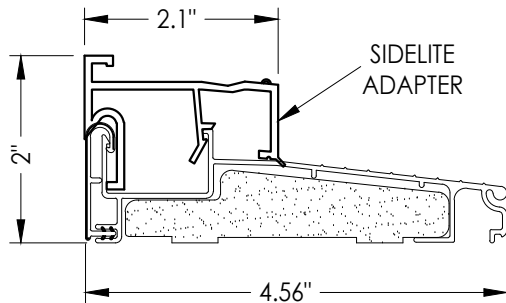
1 POLY FIBER JAMB



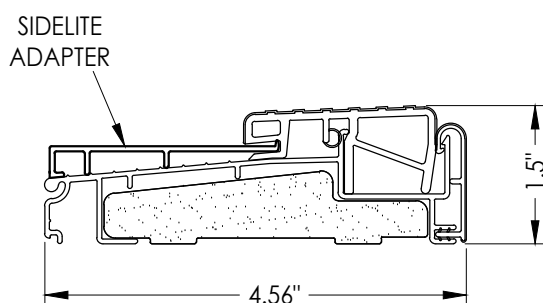
20 INSWING THRESHOLD  
Endura (Z-Series)



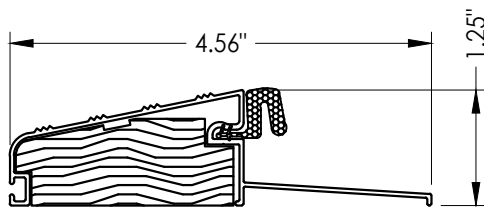
22 OUTSWING THRESHOLD  
Endura (Z-Series)



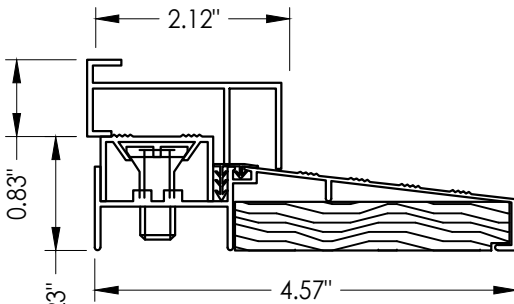
21 INSWING THRESHOLD w/ SIDELITE ADAPTER  
Endura (Z-Series)



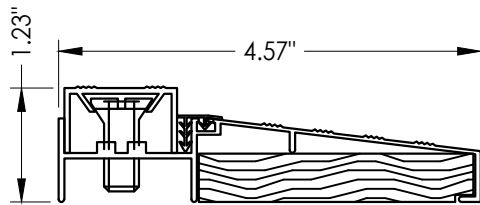
23 OUTSWING THRESHOLD w/ SIDELITE ADAPTER  
Endura (Z-Series)



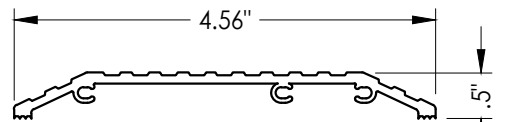
25 OUTSWING THRESHOLD  
DLP



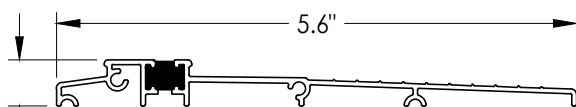
27 INSWING THRESHOLD w/ SIDELITE ADAPTER  
DLP



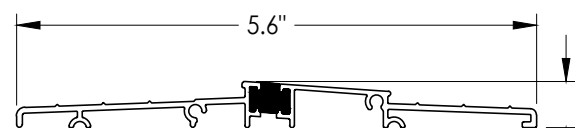
26 INSWING THRESHOLD  
DLP



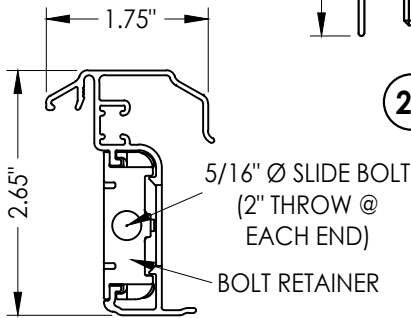
24 ADA THRESHOLD  
DLP



28 INSWING ADA THRESHOLD  
Endura (Z-Series)



29 OUTSWING ADA THRESHOLD  
Endura (Z-Series)



33 ENDURA ASTRAGAL  
Ultimate Hurricane  
Ultimate Trilennium

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: WINCORE  
FIBERGLASS ENTRY DOOR  
"Impact"

PART OR ASSEMBLY:  
BILL OF MATERIALS  
& COMPONENTS

|   | LFS      | FBC                          | FBC                          | FBC                          | RW                                                     | BY   |
|---|----------|------------------------------|------------------------------|------------------------------|--------------------------------------------------------|------|
| 4 | 7/01/26  | UPDATE TO 9TH ED. (2026)     | UPDATE TO 8TH ED. (2023)     | UPDATE TO 7TH ED. (2020)     | REVISE DESIGN PRESSURE TABLE & ULT. HURRICANE ASTRAGAL | DATE |
| 3 | 7/06/23  | UPDATE TO 8TH ED. (2023)     | UPDATE TO 7TH ED. (2020)     | REVISE DESIGN PRESSURE TABLE |                                                        |      |
| 2 | 10/14/20 | UPDATE TO 7TH ED. (2020)     | REVISE DESIGN PRESSURE TABLE |                              |                                                        |      |
| 1 | 7/14/20  | REVISE DESIGN PRESSURE TABLE |                              |                              |                                                        |      |
|   | NO.      | DATE                         |                              |                              |                                                        |      |

DATE: 8/20/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-30037.6

SHEET 12 OF 12