

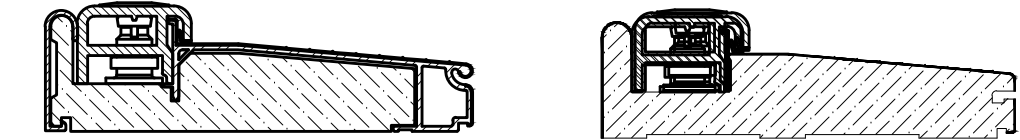
# WORLDWIDE Door Components

5017 N. Coolidge  
Tampa, FL 33614

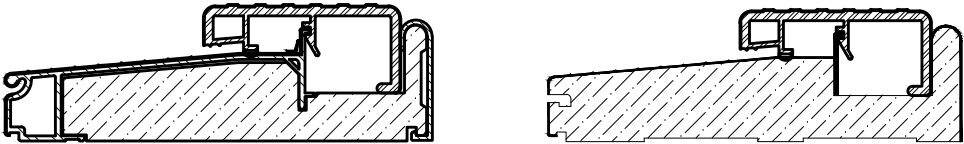
## "4Ever Sills" COMPOSITE THRESHOLDS INSWING / OUTSWING "IMPACT"

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 FBC and does not require an impact resistant covering.
4. These "IMPACT" door thresholds, as components, are to be used in combination as a substitute for similar components in an impact approved continuous head & sill (complies with Section 1626 of the FBC) door system possessing a current Florida Statewide Product Approval (Including the "HVHZ").
5. The design pressure of the assembly shall be the lesser of the design pressure for the component assembly shown in this approval or the design pressure of the system assembly used in conjunction with this approval.
6. The maximum frame size of the door assembly shall be lesser of the maximum frame size stated in this approval or the maximum frame size of the system assembly approval used in conjunction with this approval.
7. Refer to the separate Florida Product Approval for the swing door used in conjunction with this component approval to determine the ability of the system to meet the water infiltration requirements for the "HVHZ".
8. Air and water infiltration qualifications to be reviewed by the Building Official.
9. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.



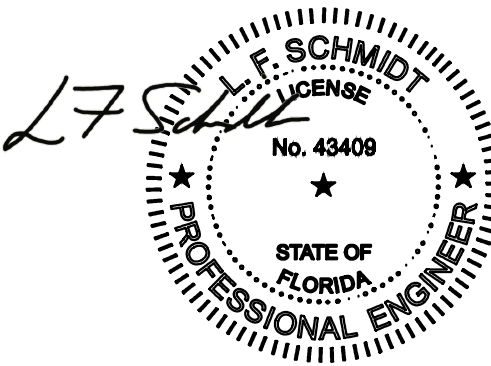
INSWING ADJUSTABLE THRESHOLDS



OUTSWING FIXED THRESHOLD

| CONFIGURATION | MAX. FRAME DIMENSION | DESIGN PRESSURE (PSF) INSWING |          | DESIGN PRESSURE (PSF) OUTSWING |          |
|---------------|----------------------|-------------------------------|----------|--------------------------------|----------|
|               |                      | POSITIVE                      | NEGATIVE | POSITIVE                       | NEGATIVE |
| X             | 37.75" x 98.0"       | +60.0                         | -65.0    | +60.0                          | -60.0    |
| XX            | 74.5" x 98.0"        | +45.0*                        | -50.0*   | +50.0                          | -50.0    |

\*Requires aluminum reinforcement plate for astragal bolt



Digitally signed by  
Lyndon F Schmidt  
Date: 2026.07.23  
11:00:45 -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

PRODUCT:

WORLDWIDE DOOR COMPONENTS

PART OR ASSEMBLY:

TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

DATE: 8/05/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-14969.6

SHEET 1 OF 4

REVISIONS

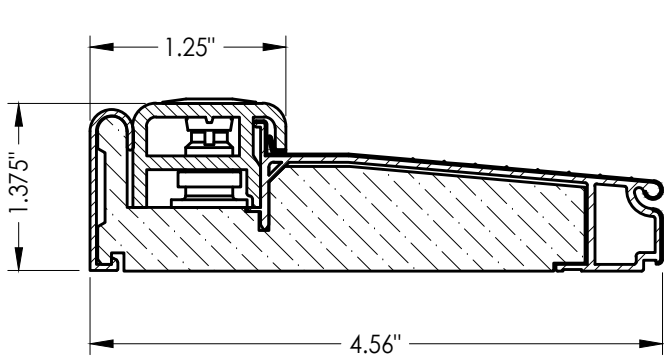
| NO. | DATE    | BY  |
|-----|---------|-----|
| 3   | 7/01/26 | LFS |
| 2   | 8/08/23 | LFS |
| 1   | 7/01/20 | LFS |

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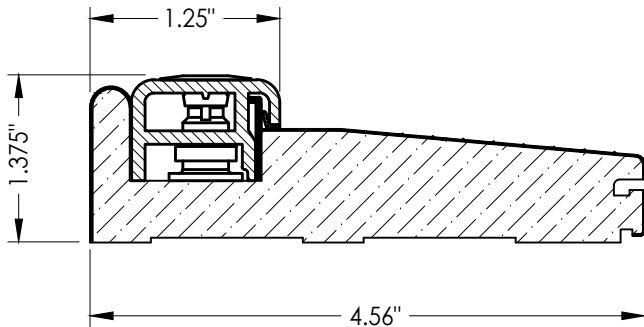
Building Consultants, Inc.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

| TABLE OF CONTENTS |                                                      |
|-------------------|------------------------------------------------------|
| SHEET #           | DESCRIPTION                                          |
| 1                 | Typical elevations, design pressures & general notes |
| 2                 | Threshold Details                                    |
| 3                 | Threshold Anchoring                                  |
| 4                 | Threshold Sections                                   |

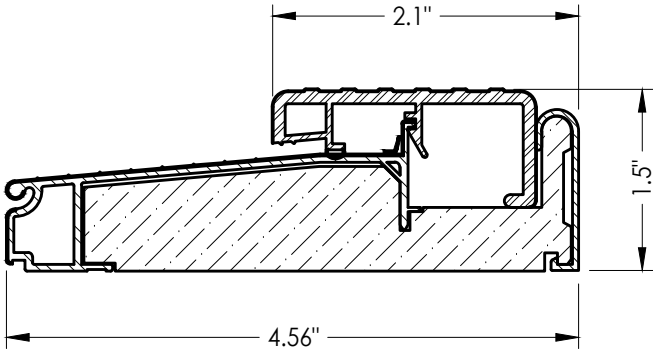
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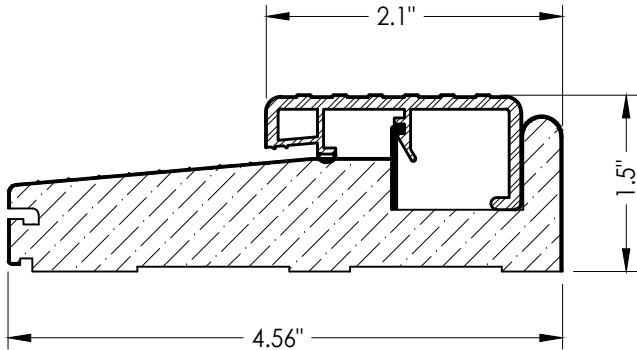
INSWING THRESHOLD



INSWING THRESHOLD



OUTSWING THRESHOLD



OUTSWING THRESHOLD

**"4Ever Sills" Thresholds**  
**PVC/PMMA COMPOSITE**

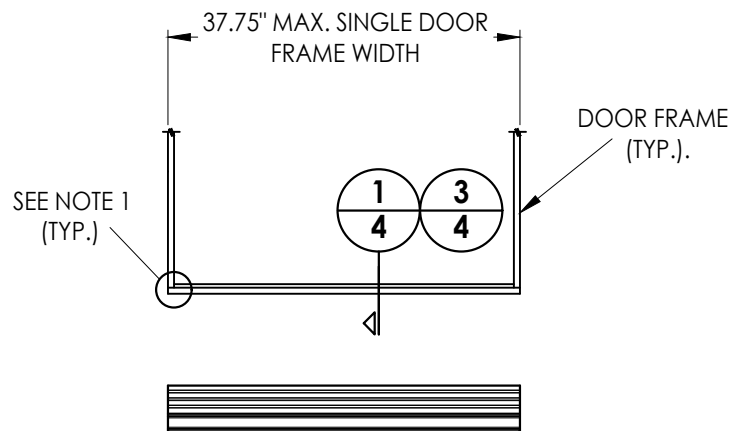
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| SCALE: N.T.S.           |        |
| DWG. BY: RW             |        |
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| DRAWING NO.: FL-14969.6 |        |
| SHEET                   | 2 OF 4 |

| NO. | DATE    | REVISIONS                        |
|-----|---------|----------------------------------|
| 3   | 7/01/26 | UPDATE TO 9TH ED. (2026) FBC LFS |
| 2   | 8/08/23 | UPDATE TO 8TH ED. (2023) FBC LFS |
| 1   | 7/01/20 | UPDATE TO 7TH ED. (2020) FBC LFS |

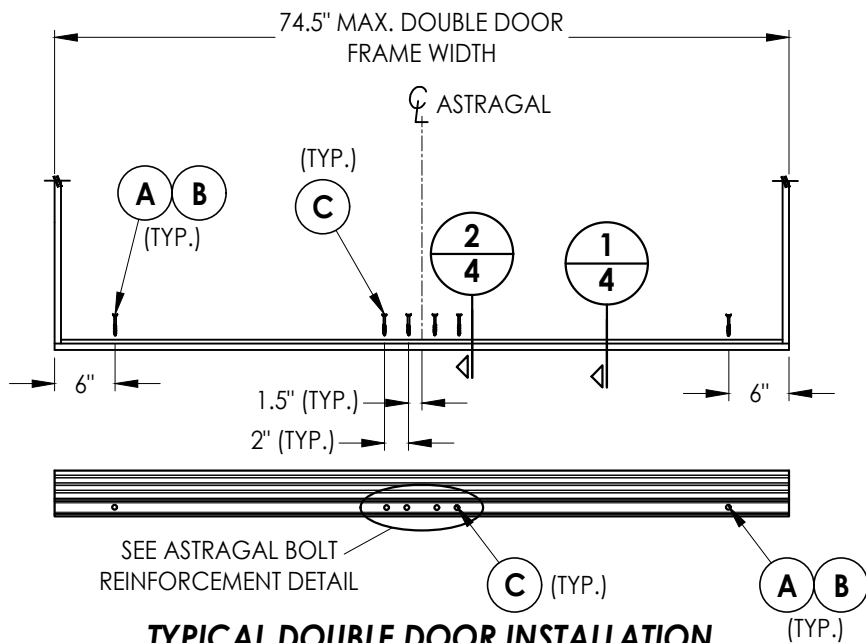
|          |                                     |
|----------|-------------------------------------|
| PRODUCT: | WORLDWIDE DOOR COMPONENTS           |
|          | PART OR ASSEMBLY: THRESHOLD DETAILS |

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

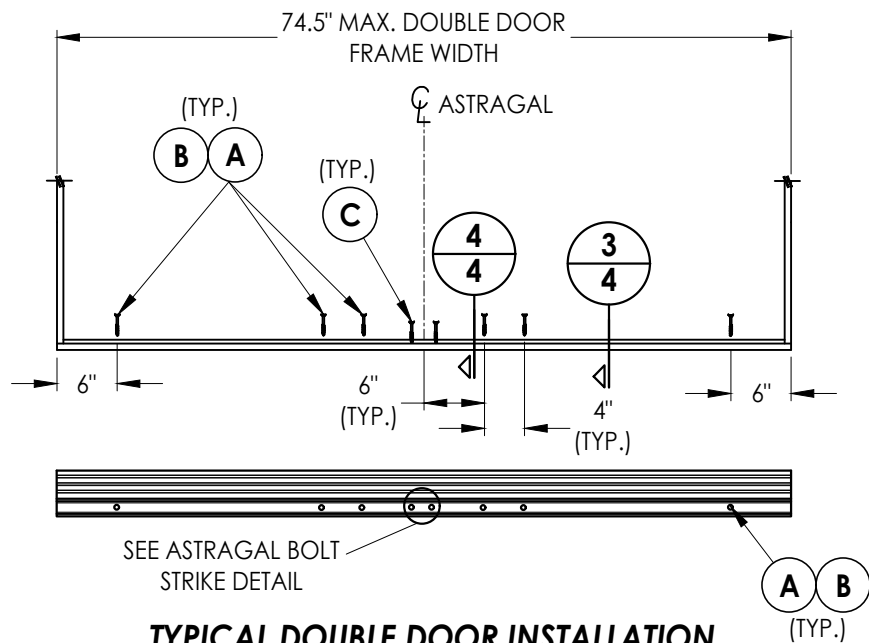
*RW* BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
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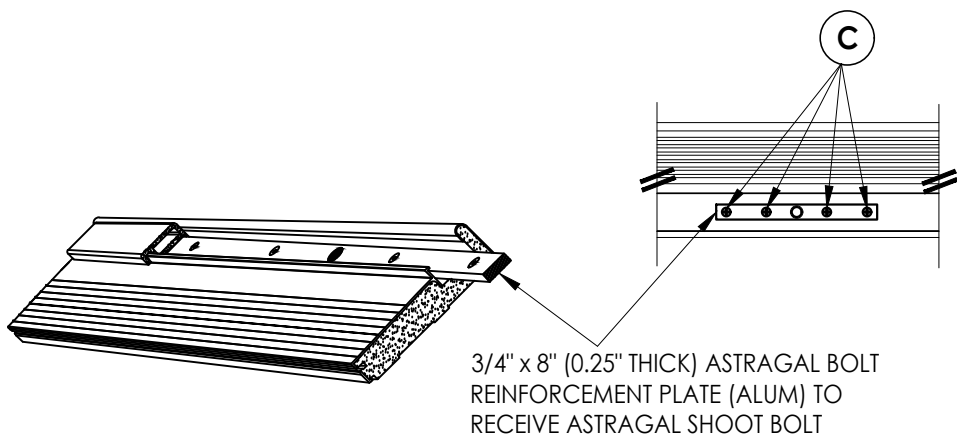
**TYPICAL SINGLE DOOR INSTALLATION**  
IN SWING SHOWN (OUT SWING SIMILAR)



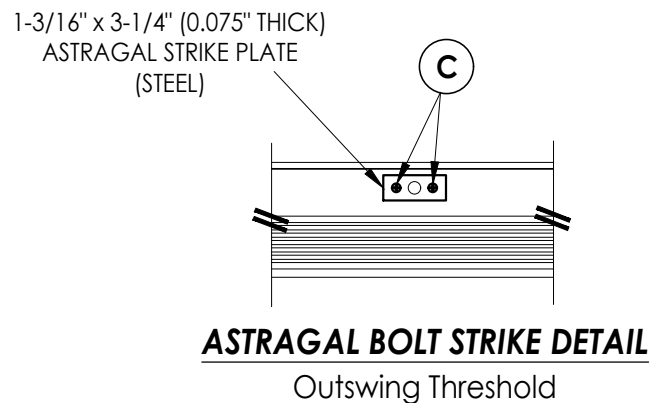
**TYPICAL DOUBLE DOOR INSTALLATION**  
IN SWING



**TYPICAL DOUBLE DOOR INSTALLATION**  
OUT SWING



**ASTRAGAL BOLT REINFORCEMENT DETAIL**  
Inswing Threshold



NOTE:  
1. ALL FRAME CORNERS ATTACHED w/ (3) #8 X 2" PH DEEP THREAD WOOD SCREWS (TYP.).

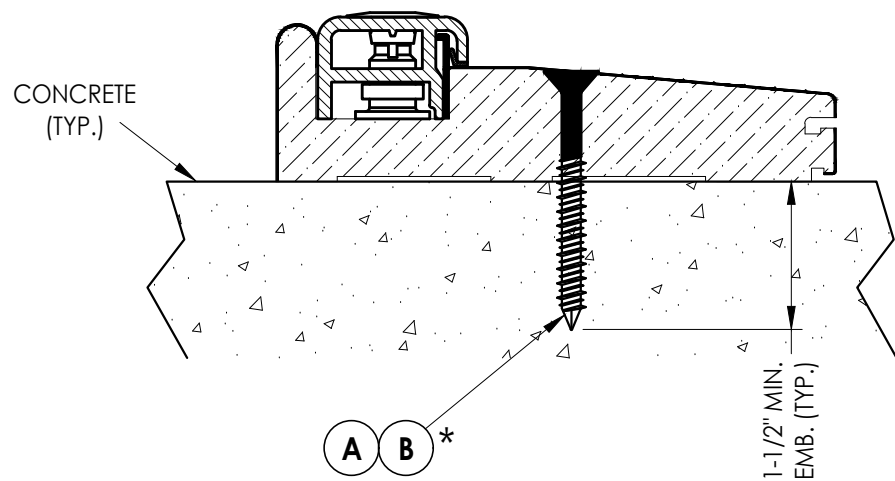
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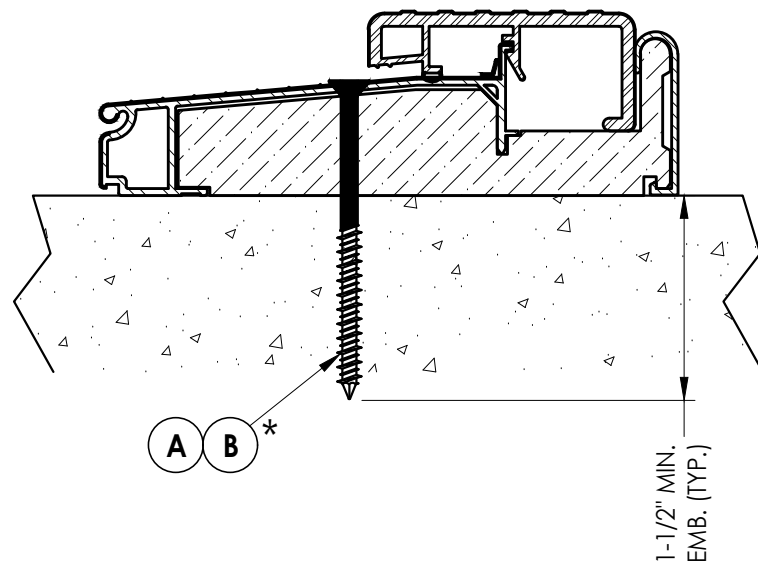
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|---------------------|---------------------------|
| PRODUCT:            | WORLDWIDE DOOR COMPONENTS |
|                     | PART OR ASSEMBLY:         |
| THRESHOLD ANCHORING |                           |

| NO. | DATE    | REVISIONS         |        |             |           |
|-----|---------|-------------------|--------|-------------|-----------|
|     |         | BY                | DATE   | DESCRIPTION | REVISIONS |
| 3   | 7/01/26 | UPDATE TO 9TH ED. | (2026) | FBC         | LFS       |
| 2   | 8/08/23 | UPDATE TO 8TH ED. | (2023) | FBC         | LFS       |
| 1   | 7/01/20 | UPDATE TO 7TH ED. | (2020) | FBC         | LFS       |

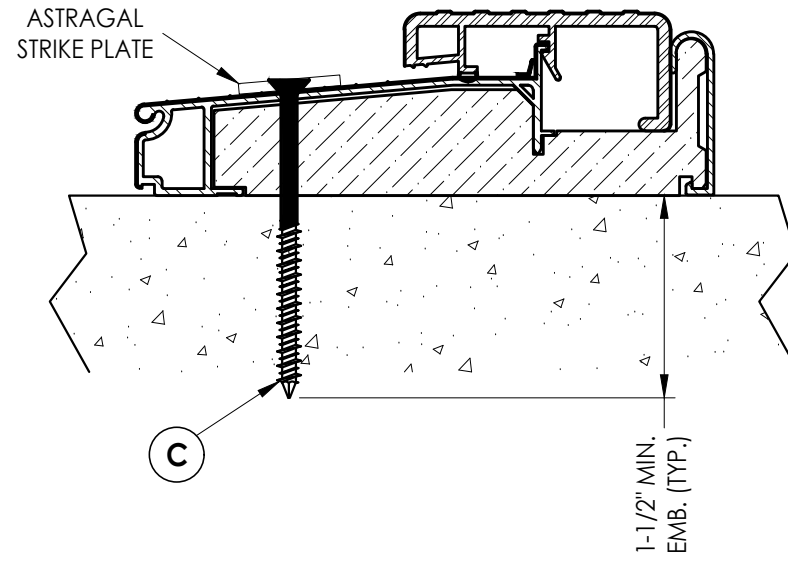
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| SCALE:       | N.T.S.     |
| DWG. BY:     | RW         |
| CHK. BY:     | LFS        |
| DRAWING NO.: | FL-14969.6 |
| SHEET        | 3 OF 4     |



1  
4 VERTICAL CROSS SECTION  
Inswing Threshold

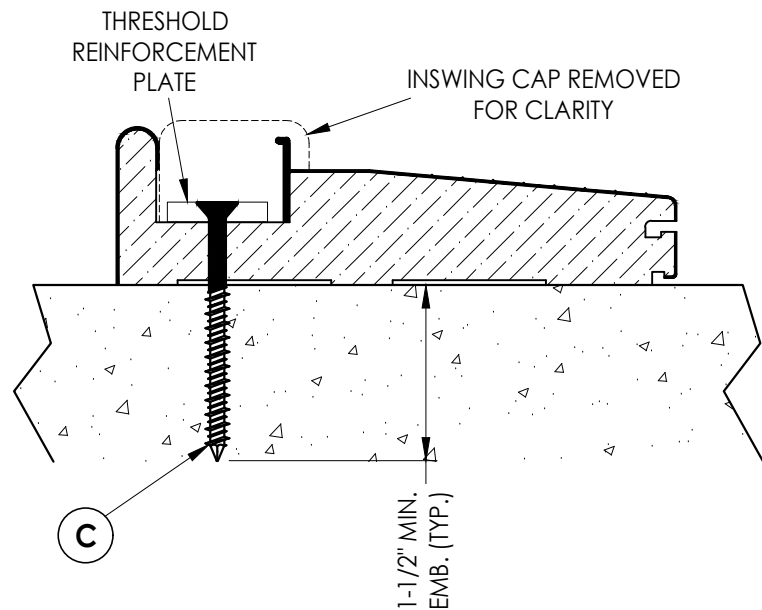


3  
4 VERTICAL CROSS SECTION  
Outswing Threshold



4  
4 VERTICAL CROSS SECTION  
Outswing Threshold @ Astragal

\* NOTE: ANCHORS NOT REQUIRED FOR SINGLE DOOR



2  
4 VERTICAL CROSS SECTION  
Inswing Threshold @ Astragal

NOTE:

1. EACH "4Ever Sill" THRESHOLD SHOWN ON SHEET 2 MAY BE USED IN THE APPROPRIATE CROSS-SECTION SHOWN ABOVE.

**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.

CONCRETE ANCHOR NOTES:

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. 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.
3. Concrete anchor table:

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

4. Concrete (min. 3,000 psi - conforming to ACI 301).

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PRODUCT:  
WORLDWIDE DOOR  
COMPONENTS

PART OR ASSEMBLY:  
THRESHOLD SECTIONS

| NO. | DATE    | REVISIONS                        |
|-----|---------|----------------------------------|
| 3   | 7/01/26 | UPDATE TO 9TH ED. (2026) FBC LFS |
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FL-14969.6

SHEET 4 OF 4