

WORLDWIDE Door Components

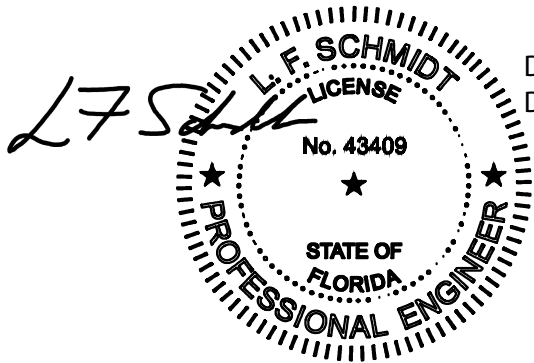
5017 N. Coolidge
Tampa, FL 33614

"ProT4" ALUMINUM/COMPOSITE THRESHOLDS INSWING / OUTSWING "IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) 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.

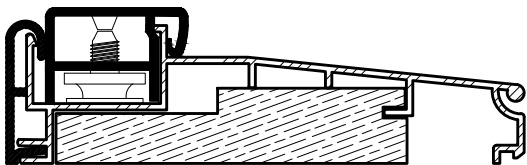
TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Threshold Details
3	Threshold Anchoring
4	Threshold Sections



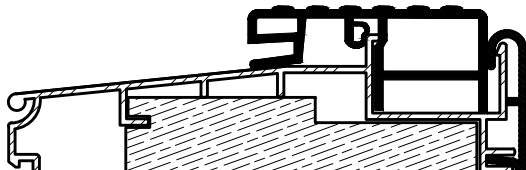
Digitally signed by Lyndon F Schmidt
Date: 2023.08.08 12:01:13 -04'00'

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.

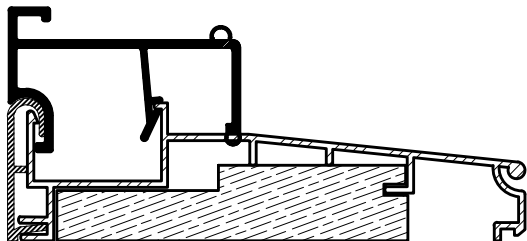
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA



INSWING THRESHOLDS



OUTSWING THRESHOLD



INSWING SIDELITE 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
OXO	112.75" x 98.0"	+60.0	-65.0	+60.0	-60.0
XX	74.5" x 98.0"	+50.0	-55.0	+50.0	-50.0
OXXO	149.5" x 98.0"	+50.0	-55.0	+50.0	-50.0

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:
WORLDWIDE DOOR
COMPONENTS

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

NO.	DATE	REVISIONS	
		BY	DATE
2	8/08/23	LFS	UPDATE TO 8TH ED. (2023)
1	7/01/20	LFS	UPDATE TO 7TH ED. (2020)

DATE: 12/12/17

SCALE: N.T.S.

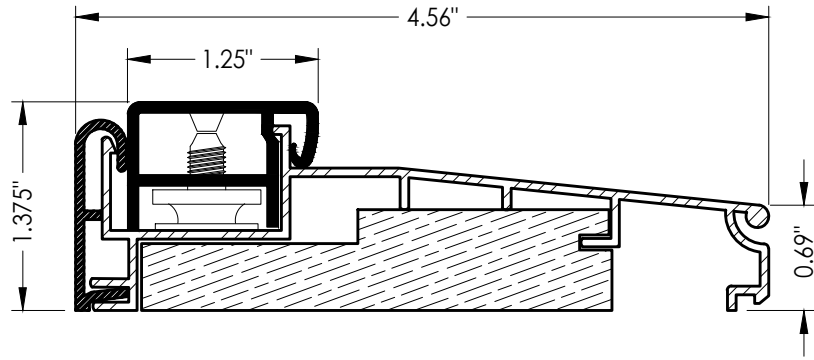
DWG. BY: JK

CHK. BY: LFS

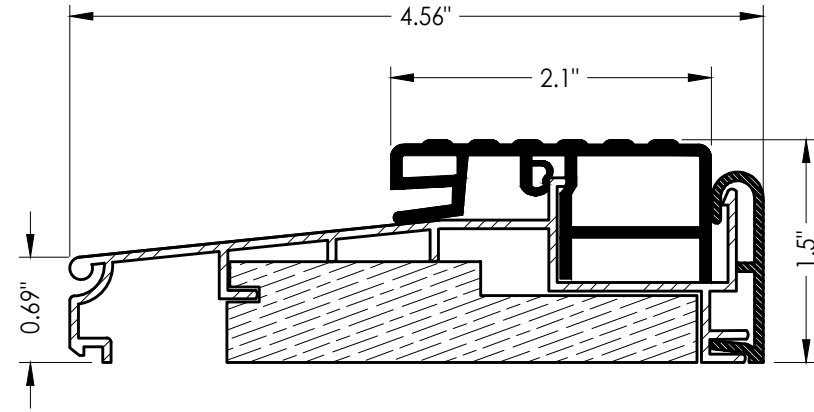
DRAWING NO.:

FL-14969.5

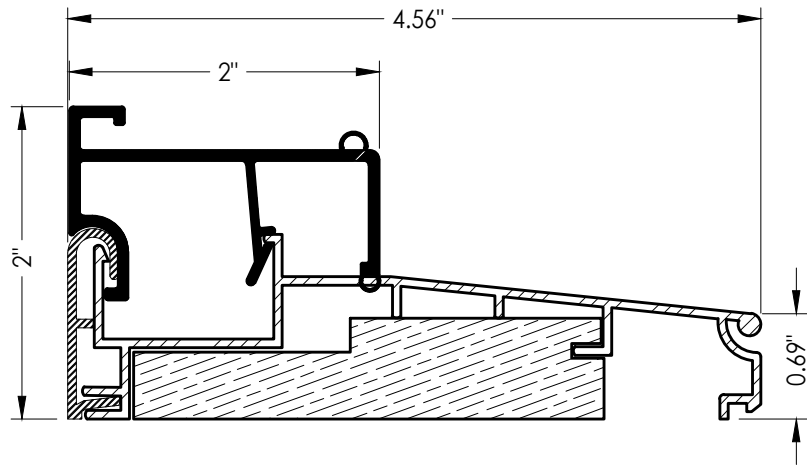
SHEET 1 OF 4



INSWING THRESHOLD



OUTSWING THRESHOLD



INSWING SIDELITE THRESHOLD

"ProT4" Thresholds

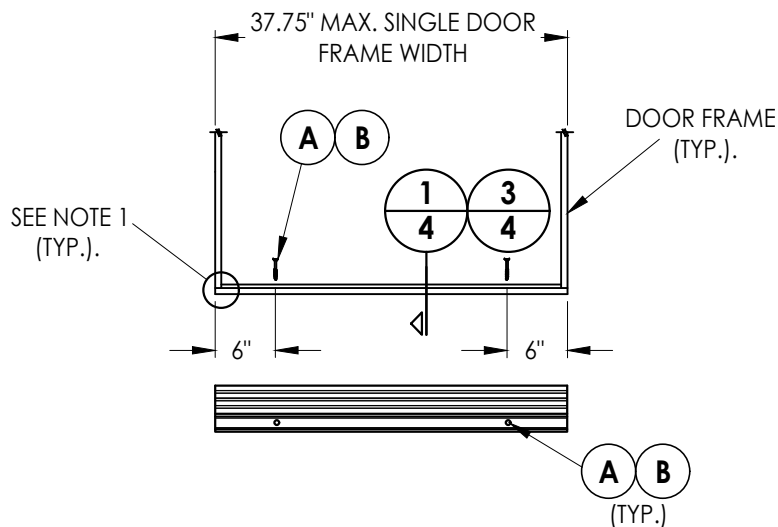
[illegible]

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

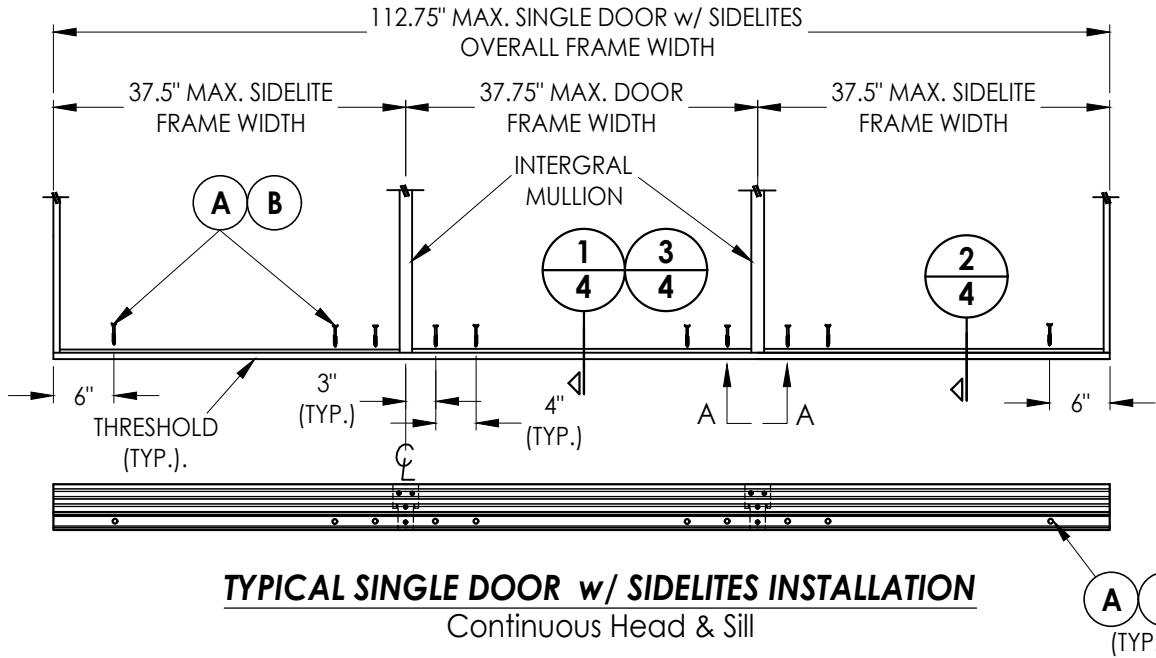
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

© 2017 R.W. BUILDING CONSULTANTS INC.

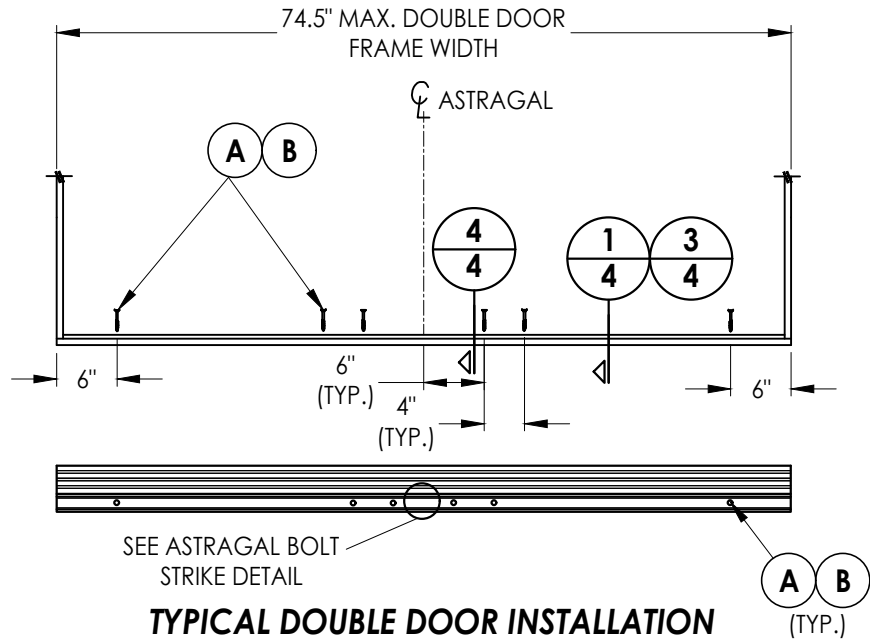
Z:\2023 FBC Drawings\Worldwide Door Components\FL-14969 R12\FL-14969.5.dwg



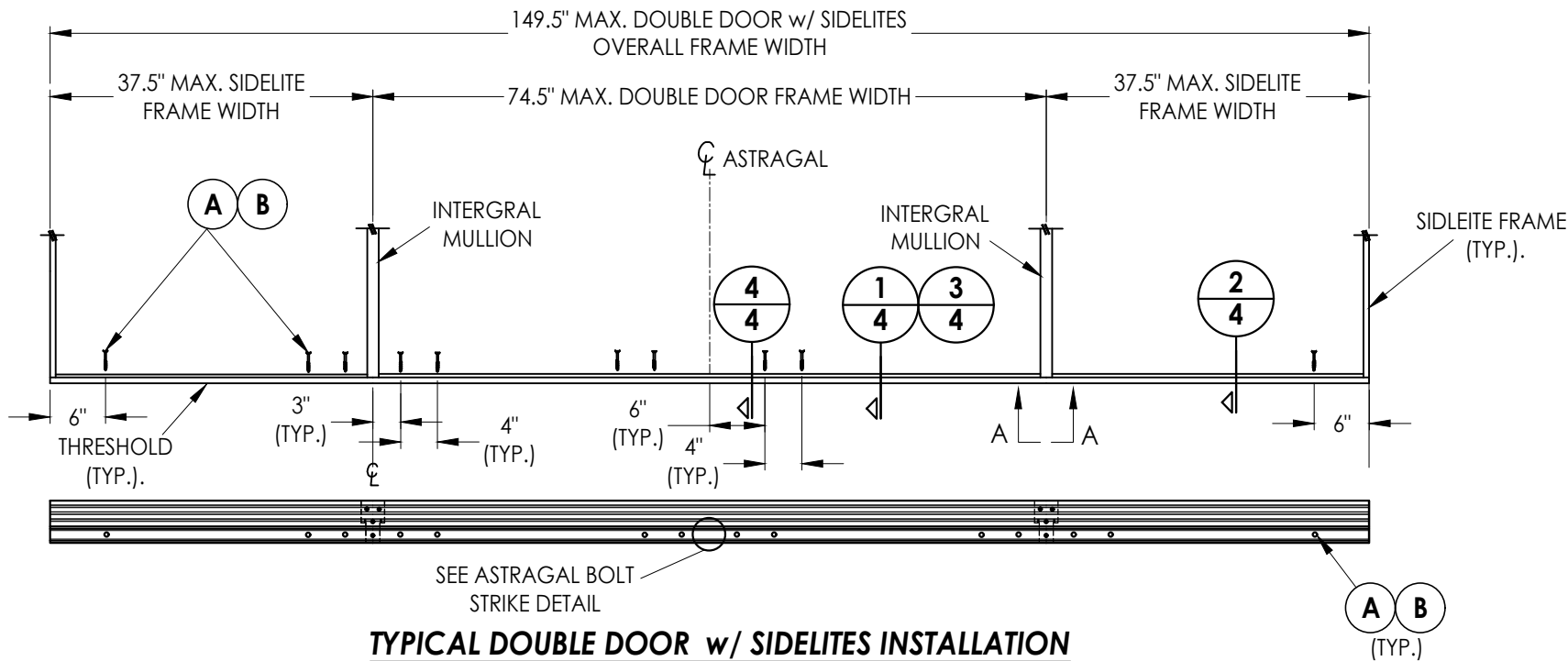
TYPICAL SINGLE DOOR INSTALLATION



TYPICAL SINGLE DOOR w/ SIDELITES INSTALLATION
Continuous Head & Sill

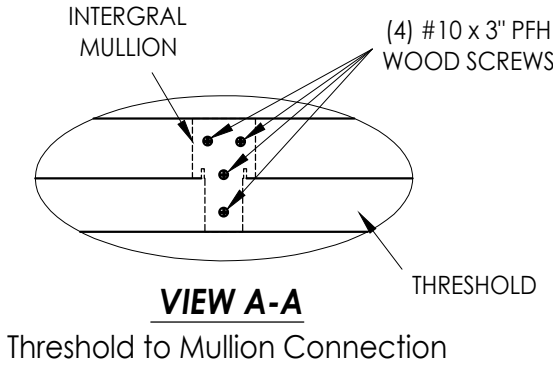
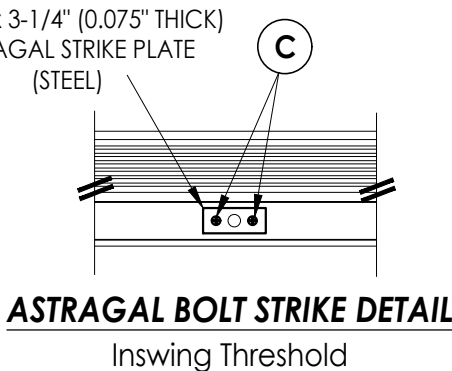
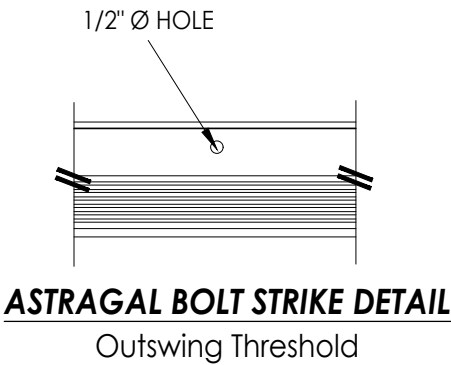


TYPICAL DOUBLE DOOR INSTALLATION



TYPICAL DOUBLE DOOR w/ SIDELITES INSTALLATION
Continuous Head & Sill

- NOTES:
1. ALL FRAME CORNERS ATTACHED w/ (3) #8 X 2" PH DEEP THREAD WOOD SCREWS (TYP.).
 2. INSWING THRESHOLD INSTALLATION SHOWN (OUTSWING THRESHOLD INSTALLATION SIMILAR).



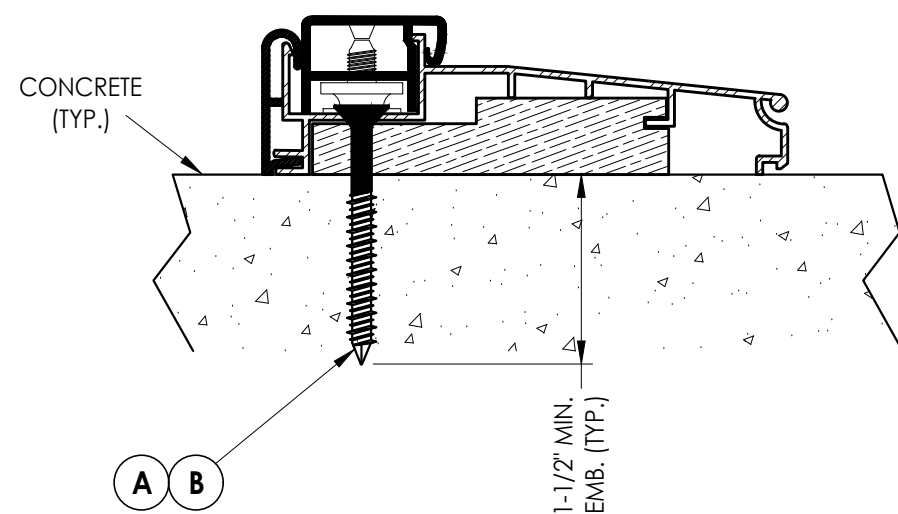
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

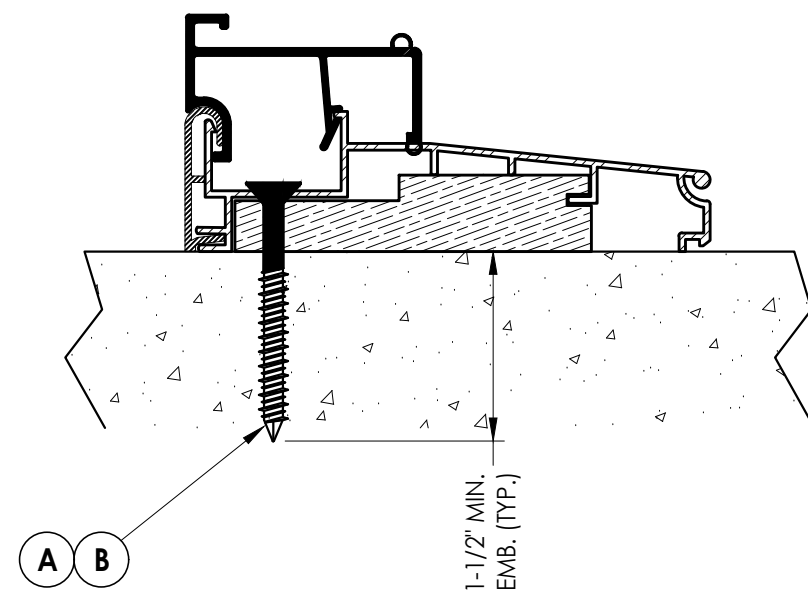
PRODUCT:	WORLDWIDE DOOR COMPONENTS	
	PART OR ASSEMBLY:	THRESHOLD ANCHORING

NO.	DATE	REVISIONS
2	8/08/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	7/01/20	UPDATE TO 7TH ED. (2020) FBC LFS

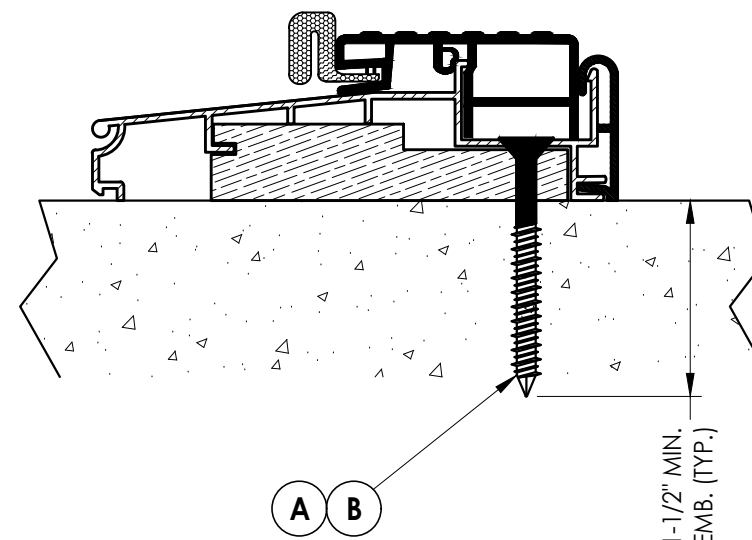
DATE:	5/27/10
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-14969.5
SHEET	3 OF 4



1 4 VERTICAL CROSS SECTION Inswing Threshold

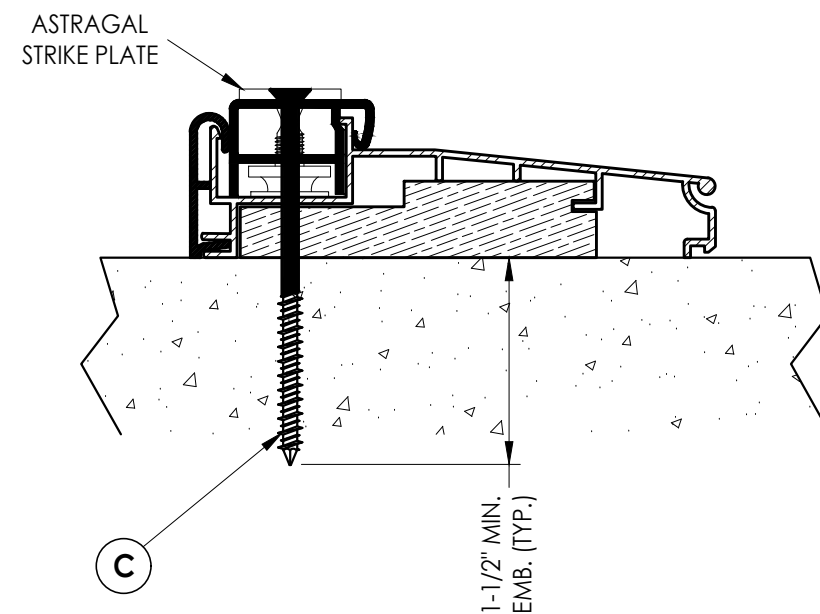


2 VERTICAL CROSS SECTION
4 Inswing Threshold w/ Sidelite Cap



3 VERTICAL CROSS SECTION

4 Outswing Threshold



4 VERTICAL CROSS SECTION

4 Inswing Threshold @ Astragal

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"	2-1/2"

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

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

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

PRODUCT: WORLDWIDE DOOR COMPONENTS

PART OR ASSEMBLY:

THRESHOLD SECTIONS

2	8/08/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
1	7/01/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
NO.	DATE			BY

REVISIONS

DATE: 5/27/10

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: *LFS*

DRAWING NO.:

FL-14969.5

SHEET 4 OF 4