

G:\2023 FBC DRAWINGS 7-27-26\AFCO\FL-13727 R10\FL-13727.7.dwg



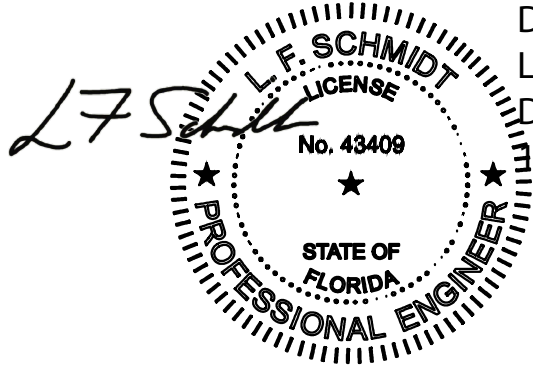
AFCO Millwork Products
11000 Green Valley Dr.
Olive Branch, MS 38654

"H-497" SERIES
ALUMINUM EXTRUDED THRESHOLDS
in a SINGLE (X) or DOUBLE (XX) DOOR
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".
2. When used in the "HVHZ", this product complies with FBC Section 1626 and does not require an impact resistant covering.
3. These "IMPACT" thresholds, as components, are to be used as substitutes to a similar threshold, in an "HVHZ" impact approved (complies with FBC Sections 1626) door system possessing a current Florida Statewide Product Approval.
4. The design pressure of the assembly shall be the lesser of the design pressure for the thresholds shown in this approval or the design pressure of the door assembly used in conjunction with this approval.
5. The maximum width of the threshold shall be the lesser of the width shown in this approval or the width shown in the door approval used in conjunction with this approval.
6. The maximum height of the door assembly shall be the lesser of the maximum height stated in this approval or the maximum height of the door assembly approval used in conjunction with this approval.
7. This product meets the water infiltration requirements of the "HVHZ".
8. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

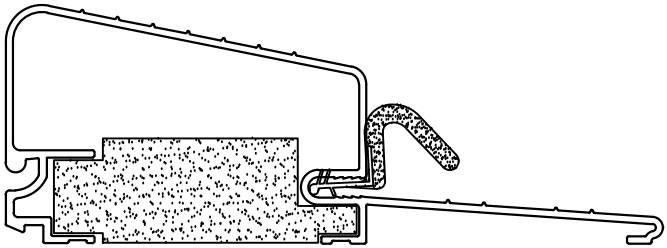
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SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	"H-497" Series Threshold details



Digitally signed by
Lyndon F Schmidt
Date: 2026.09.21
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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.

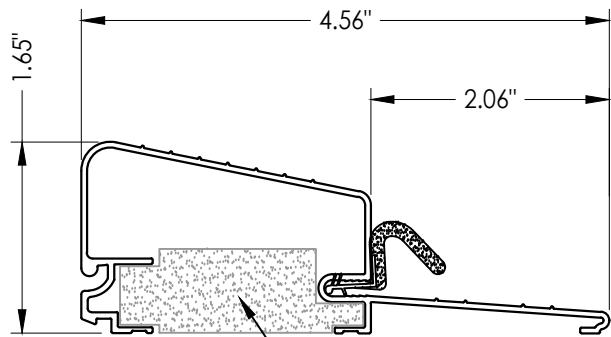
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA



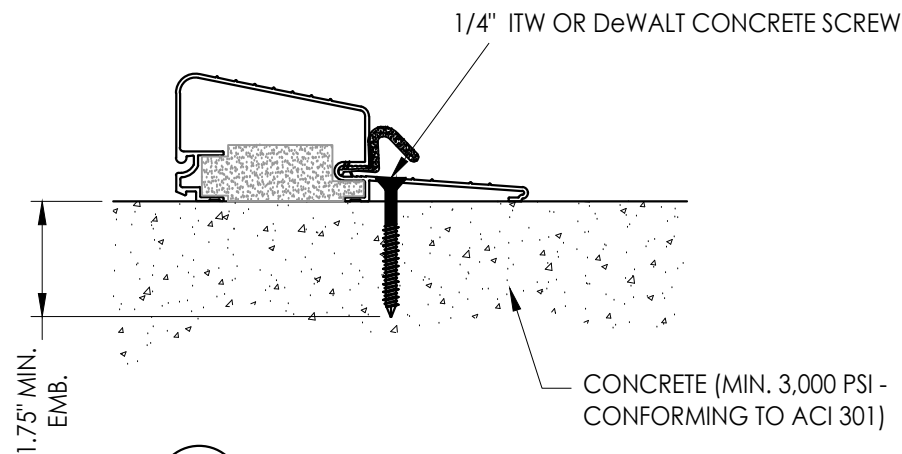
"H-497" SERIES

MAXIMUM FRAME SIZE		DESIGN PRESSURE RATING (PSF)	
		POSITIVE	NEGATIVE
6'-8" DOOR	37.5" x 81.5" (X) 74.5" x 81.5" (XX)	+60.0	-60.0
8'-0" DOOR	37.5" x 97.5" (X) 74.5" x 97.5" (XX)	+55.0	-55.0

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: AFCO		PART OR ASSEMBLY: TYPICAL ELEVATIONS, DESIGN PRESSURES & GENERAL NOTES	
		LFS	BY
		LFS	
		REVISIONS	
		2	9/21/26
		1	8/09/23
		NO.	DATE
DATE: 6/09/21			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-13727.7			
SHEET 1 OF 2			



"H-497" SERIES



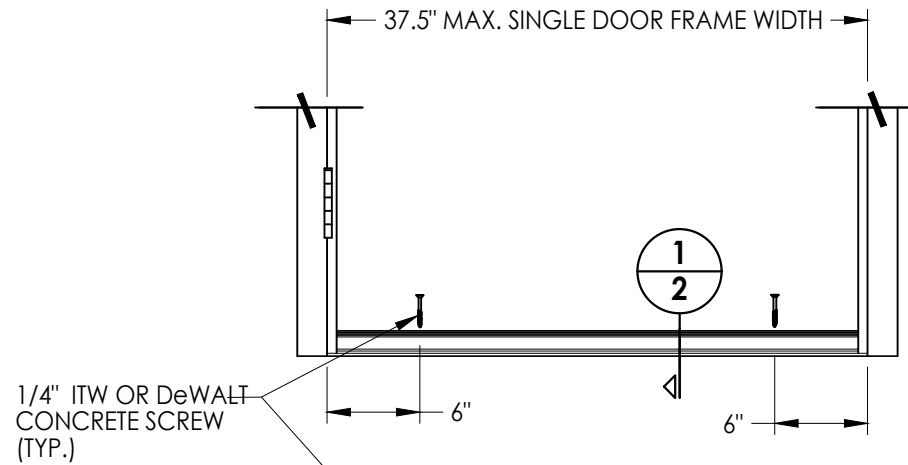
1
2 VERTICAL CROSS SECTION

CORROSION RESISTANCE - SALTWATER ENVIRONMENT

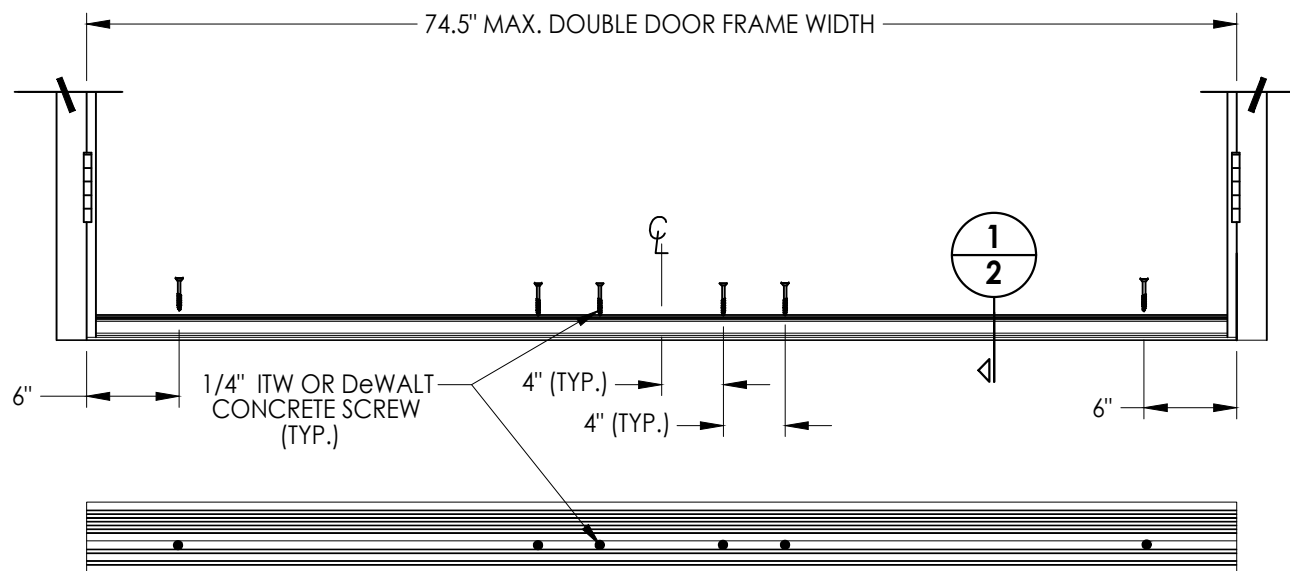
Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.

NOTE:

1. REFER TO CORRESPONDING DOOR SYSTEM PRODUCT APPROVAL FOR ANY REQUIRED CONNECTIONS AT FRAME CORNERS, FOR ASTRAGAL STRIKE DETAILS OR ANY DETAILS NOT SHOWN.



TYPICAL SINGLE DOOR INSTALLATION



TYPICAL DOUBLE DOOR INSTALLATION

CONCRETE ANCHOR LIMITATIONS

1/4" ITW TAPCON®: 4" MIN. EDGE DISTANCE

1/4" DeWALT ULTRACON+®: 2-1/2" MIN. EDGE DISTANCE

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: AFCC

PART OR ASSEMBLY:
"H-497" SERIES
THRESHOLD DETAILS

NO.	DATE	REVISIONS
2	9/21/26	UPDATE TO 9TH ED. (2026) FBC LFS
1	8/09/23	UPDATE TO 8TH ED. (2023) FBC LFS

DATE: 6/09/21

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-13727.7

SHEET 2 OF 2