

QINGDAO SEA NOVA BUILDING PROFILES PRODUCTS CO., LTD

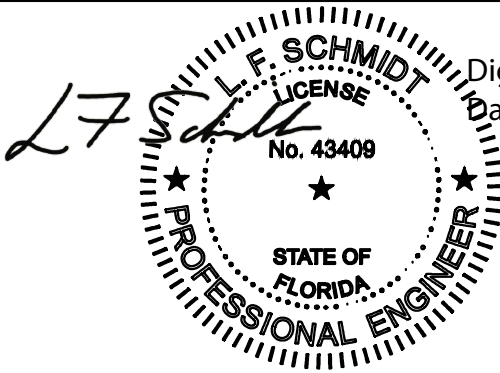
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GENERAL NOTES

- 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. These "NON-IMPACT" door thresholds, as components, are to be used as a substitute for similar components in a non-impact approved door system possessing a current Florida Statewide Product Approval.
- 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 the 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. 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	Threshold Anchoring
3	Threshold Details & Sections

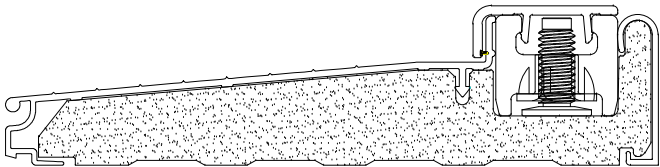


Digitally signed by Lyndon F Schmidt
Date: 2026.07.01 11:14:12 -04'00'

This item has been digitally signed and sealed by L. F. Schmidt, P.E. on the date adjacent to the seal.
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THIS PRODUCT APPROVAL IS VALID ONLY FOR THE STATE OF FLORIDA

"Pro-Tek" Series
COMPOSITE THRESHOLD
w/ ALUMNUM DECK
INSWING
"NON-IMPACT"



INSWING THRESHOLD

CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING	
		POSITIVE	NEGATIVE
X	37.75" x 82.0"	+50.0	-50.0
XX	74.0" x 82.0"	+50.0	-50.0

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

NOVA PLASTECH

Part or Assembly:
TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

REVISIONS

DATE: 6/17/25

SCALE: N.T.S.

DWG. BY: LFS

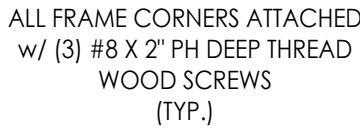
CHK. BY: RW

DRAWING NO.: FL-27194.6

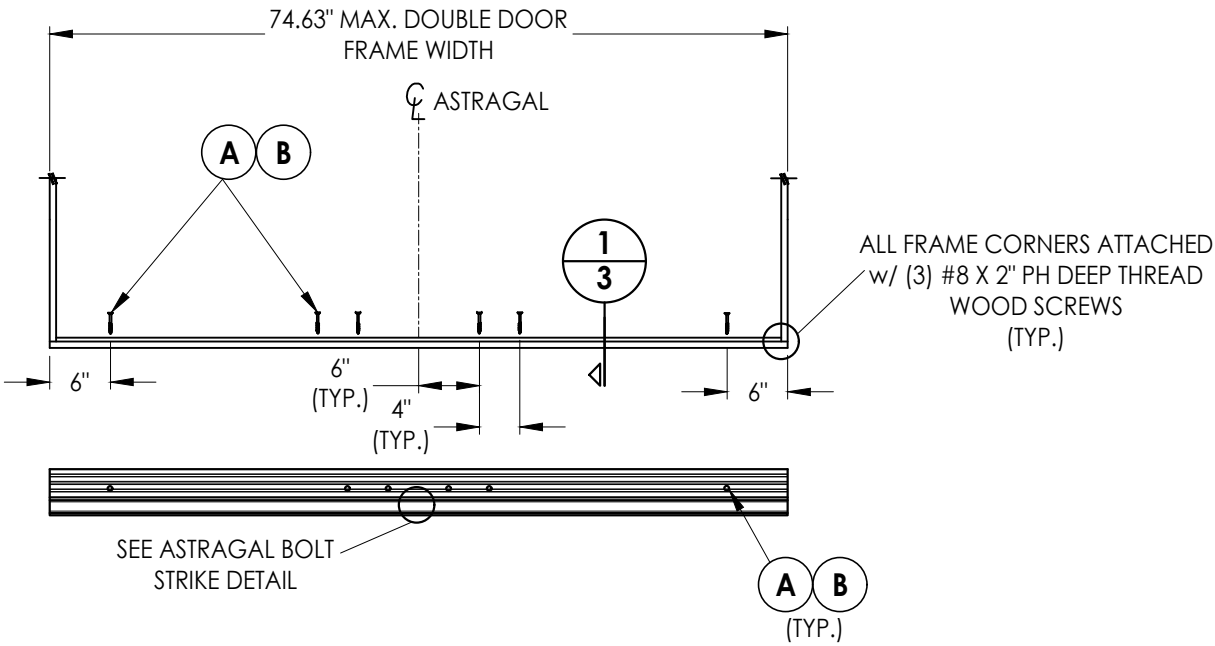
SHEET 1 OF 3

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

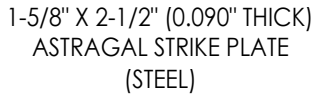
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TYPICAL SINGLE DOOR INSTALLATION



TYPICAL DOUBLE DOOR INSTALLATION



ASTRAGAL BOLT STRIKE DETAIL

Inswing Threshold

NOTE: SEE SEPARATE SIDE-HINGED DOOR PRODUCT APPROVAL FOR ALL DOOR CONSTRUCTION AND INSTALLATION DETAILS NOT SHOWN.

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RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
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PRODUCT: NOVA PLASTECH

PART OR ASSEMBLY:

[illegible]

A cross-sectional diagram of a composite substrate assembly. The assembly consists of a thick, textured **COMPOSITE SUBSTRATE** base. On top of this substrate is an **ALUMINUM THRESHOLD DECK**. At the right end of the deck, there is an **ADJUSTABLE RISER** mechanism, which includes a vertical plate and a coiled spring. Dimension lines indicate the following measurements: the total height of the assembly is 1.37"; the height of the aluminum threshold deck is 0.58"; and the total length of the assembly is 5.63".

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"	1-1/2"

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

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PRODUCT: NOVA PLASTECH

PART OR ASSEMBLY:
**THRESHOLD DETAILS
& SECTIONS**

1	7/01/26	UPDATE TO 9TH ED. (2026)		FBC	LFS			
NO.	DATE				BY			
				REVISIONS				

DATE: 6/17/25

SCALE: *N.T.S.*

DWG. BY: *LFS*

CHK. BY: RW

DRAWING NO.:
FL-27194.6

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