DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

**MIAMI-DADE COUNTY** 

Gopi Glass Sales & Services Corp. 7450 NW 41<sup>st</sup> Street Miami, FL 33166

## SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "S-5000 "Outswing Aluminum (Narrow Stiles) Door w/wo Transom

**APPROVAL DOCUMENT:** Drawing No. **W98-23 Rev. L**, titled "S- 5000 Narrow Stile Entrance Door (NI)", sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated 03-12-98 and last revised on May 30, 2018, signed and sealed by Javad Ahmad, P. E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

# MISSILE IMPACT RATING: <u>None</u>: Approved Hurricane Protection Device complying w/ FBC is required. Limitations:

- 1. See Door Design Pressure (DP) in sheet <u>1</u>. See sheet <u>7</u> Design Pressure capacity for Horizontal Transom 4" (item # 23) or 4-1/2" (item #23 A). When Door w/ Transom is mulled, lower DP shall control for entire unit.
- 2. Not approved for Water infiltration ratings, unless protected by overhang complying w/ FBC requirement.
- 3. Masonry (CMU) installation is applicable at jambs only.

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA# 16-0502.02 and consists of this page 1 and evidence pages E-1 & E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.

MIAMI-DADE COUNTY
APPROVED

NOA No. 18-0319.07 Expiration Date: September 14, 2021 Approval Date: July 19, 2018

Page 1



## NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

## 1. Evidence submitted under previous approvals

#### A. DRAWINGS

- 1. Manufacturer's die drawings and sections (Submitted under files below)
- 2. Drawing No. **W98-23 Rev. J**, titled "S- 5000 Narrow Stile Entrance Door (NI)", sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated 03-12-98 and last revised on JUN 26, 2014, signed and sealed by Javad Ahmad, P.E.
- **B.** TESTS (submitted under files #14-0728.05/ #11-0705.03/#10-0107.06 & # 07-0717.02)
  - 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
    - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
    - 3) Water Resistance Test, per FBC, TAS 202-94(Not conducted)
    - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with marked—up drawings and installation diagram of aluminum outswing doors w/ transom, prepared by Hurricane Engineering & Testing, Inc, Test Report No. **HETI-07-4153** dated June11, 2007, signed and sealed by Rafael L. Droz–Seda, P. E.

- 2. Test report on 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per TAS 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94(Not conducted)
  - 4) Forced Entry Test per FBC.

along with installation diagram of an aluminum outswing doors w/transom, prepared Hurricane Engineering & Testing Inc, Test Report No. **HETI-97-1123** dated 11-28-1997, signed and sealed by Hector M. Medina, P.E.(Note: Original test conducted per SFBC, PA 202-94 now termed as FBC, 202-94)

- C. CALCULATIONS (submitted under files #14-0728.05)
  - 1. Anchor verification calculations and structural analysis, complying with FBC-2014 (5<sup>th</sup> Edition), prepared by Al Farooq Corporation, dated June 19, 2014, signed and sealed by Javad Ahmad, P.E.
  - 2. Glazing complies w/ ASTME-1300-02, -04 & -09.

## D. QUALITY ASSURANCE

- 1. Miami-Dade Department of Regulatory and Economic Resources (RER).
- E. MATERIAL CERTIFICATIONS (submitted under file #11-0705.03)
  - 1. Test report No. HETI-11-M110 dated August 13, 2011, per ASTMC 661 for PVC and EPDM gasket, issued by Hurricane Engineering & Testing Inc.
- F. STATEMENTS (submitted under files #14-0728.05)
  - 1. Statement letter of conformance to FBC 2014 (5<sup>th</sup> Edition) and letter of no financial interest, prepared by Al Farooq Corporation, dated 06/26/14, signed and sealed by Javad Ahmad, P.E.
  - 2. Statement of lab compliance, as part of above test reports.

## G. OTHER

1. This NOA renews NOA # 14-0728.05, expiring on Sep. 14, 2021.

Ishaq I. Chanda, P.E. Product Control Examiner NOA No. 18-0319.07

Expiration Date: September 14, 2021

Approval Date: September 14, 2021
Approval Date: July 19, 2018

## **NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

## 2. New Evidence submitted

#### A. DRAWINGS

1. Drawing No. **W98-23 Rev. L**, titled "S- 5000 Narrow Stile Entrance Door (NI)", sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated 03-12-98 and last revised on May 30, 2018, signed and sealed by Javad Ahmad, P. E.

#### B. TESTS

1. None

## C. CALCULATIONS

- 1. Anchor verification calculations and structural analysis, complying with FBC-2017 (6<sup>th</sup> Edition), prepared by Al Farooq Corporation, dated MAR 08, 2018 and last revised on JUN 01, 2018, signed and sealed by Javad Ahmad, P.E.
- 2. Glazing complies w/ ASTME-1300-02, -04 & -09.

## D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

## E. MATERIAL CERTIFICATIONS (submitted under file #11-0705.03)

1. None.

## F. STATEMENTS

- 1. Statement letter of conformance to FBC 2017 (6<sup>th</sup> Edition) and letter of no financial interest, prepared by Al Farooq Corporation, dated 02/26/18, signed and sealed by Javad Ahmad, P.E.
- 2. Statement of lab compliance, as part of above test reports.

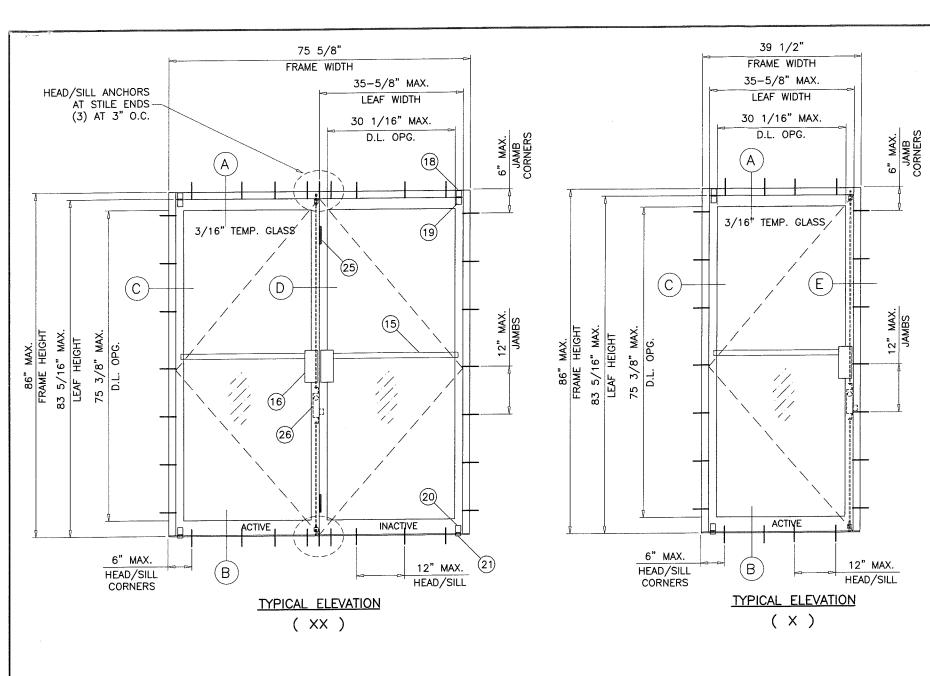
## G. OTHER

1. This NOA revises NOA# 16-0502.02, expiring on 09/14/21.

16hog). Chambe

Ishaq I. Chanda, P.E. Product Control Examiner NOA No. 18-0319.07

Expiration Date: September 14, 2021 Approval Date: July 19, 2018



3/8" HEX STEEL TIP

NOTE:

BOLT GUIDE

THRESHOLD BOLT

DOORS WITH 3/16" TEMPERED GLASS DESIGN LOAD - PSF NOMINAL DIMS. LEAF HEIGHT | LEAF WIDTH EXT.(+)INT.(-)79.4 92.0 6/8 76.7 3/0 66.2 2/6 75.6 87.6 7/0 3/0 63.0 73.0 NOTE:

GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219

DOORS NOT APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED

NOMINAL WIDTH	FRAME WIDTH	LEAF WIDTH		
2/6	33-1/2"	31-5/8" ( X )		
3/0	39-1/2"	35-5/8" ( X )		
5/0	63-5/8"	31-5/8" ( XX )		
6/0	75-5/8"	35-5/8" ( XX )		
NOMINAL HEIGHT	FRAME HEIGHT	LEAF HEIGHT		

NOMINAL HEIGHT	FRAME HEIGHT	LEAF HEIGHT	
6/8	82"	79-5/16"	
7/0	86"	83-5/16"	

D.L.O. HEIGHT = LEAF HEIGHT - 8 IN. D.L.O. WIDTH = LEAF WIDTH - 5.25 IN.

## SERIES-5000 ENTRANCE DOOR NARROW STILE OUT-SWING TYPE

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2017 (6TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ)

1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

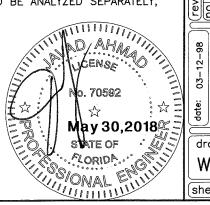
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE. MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT

COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2017 FLORIDA BLDG. CODE & ADOPTED STANDARDS. THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION

FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC.

CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

> MODUCT REVISED as complying with the Florida Modeling Code Asceptance No 18-03/9.07 Expiration Date 9/14/2 Product Control



COMP-ANL\

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978

Corp. Services

DOOR (N.I.)

STILE ENTRANCE i Glass Sales & O N.W. 41 STREET AI, FL. 33166 (305) 592–2089 FAX S-5000 NARROW Gopi G 7450 1 MIAMI, TEL. (30

(305)

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1/2"=1' <u>ج</u>

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W98-23 sheet 1 of 7

DOORS MAY BE INSTALLED USING 1-3/4" X 4" (SERIES 4000) OR 1-3/4" X 4-1/2" (SERIES 4500) FRAMING SYSTEM. DETAILS SHOW 4000 SYSTEM FRAMES SEE SHEET 5 FOR EXTRUSION DETAILS OF 4500 FRAMING SYSTEM. FOR SINGLE O/X OR DOUBLE O/XX (DOORS WITH TRANSOM) SEE SHEET 7. LOWER DESIN PRESSURE OF DOORS OR

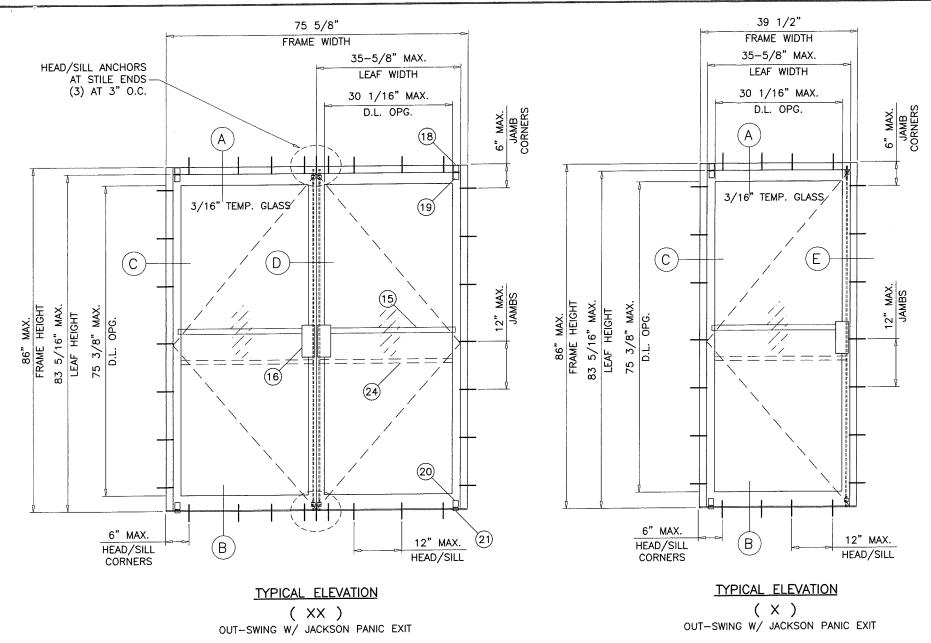
## DOORS NOT RATED FOR IMPACT.

HORIZONTAL TRANSOM SHALL CONTROL

INSTALLATION OF THIS PRODUCT IN THE HVHZ AREA REQUIRES THE USE OF APPROVED SHUTTERS OR EXTERNAL PROTECTION DEVICES COMPLYING WITH HVHZ REQUIREMENTS.

INSTALLATION OF THIS SYSTEM OUTSIDE THE HVHZ AREA SHALL MEET THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS PROTECTION.

## LOCKS: **INACTIVE LEAF:** STEEL ROD WITH THREADED ENDS CONCEALED FLUSH BOLTS AT 12" FROM TOP AND BOTTOM OF LEAF. MATERIAL: DIE CAST ZAMAK BODY AND LEVER WITH 1/4" DIA. THREADED STEEL EXTENSION AND 9/16" DIA. NYLON TIP. ACTIVE LEAF: 3 POINT LOCK SYSTEM USING ADAMS RITE M1805S, DEAD BOLT WITH #4015 THROW BOLT OPERATED BY DEAD LOCK AND ENGAGING FRAME HEAD AT TOP AND THRESHOLD AT BOTTOM



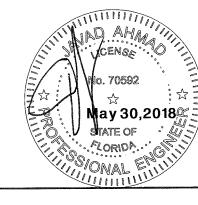
LOCKS:

ACTIVE/INACTIVE LEAF:

2 POINT LOCK PANIC HARDWARE MODEL 1085 BY JACKSON EXIT DEVICE WITH PANIC BAR LOCATED AT 36" FROM FLOOR EACH DOOR LEAF.

SEE DESIGN PRESSURE FOR DOORS IN SHEET 1.
SEE SHEET 7 FOR HORIZONTAL TRANSOM DESIGN PRESSURE CAPACITY.
LOWER DESIGN PRESSURE OF DOOR OR TRANSOM MULLION SHALL CONTROL FOR ENTIRE ASSEMBLY.

> FRODUCT REVISED a complying with the Florida Manding Code Acceptance No 18-0319-07 Espiration Date 9 1412 Manual Bade Product Control



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978

S-5000 NARROW STILE ENTRANCE DOOR (N.I.)

Gopi Glass Sales & Services Corp. 7450 N.W. 41 STREET
MIAMI, FL. 33166

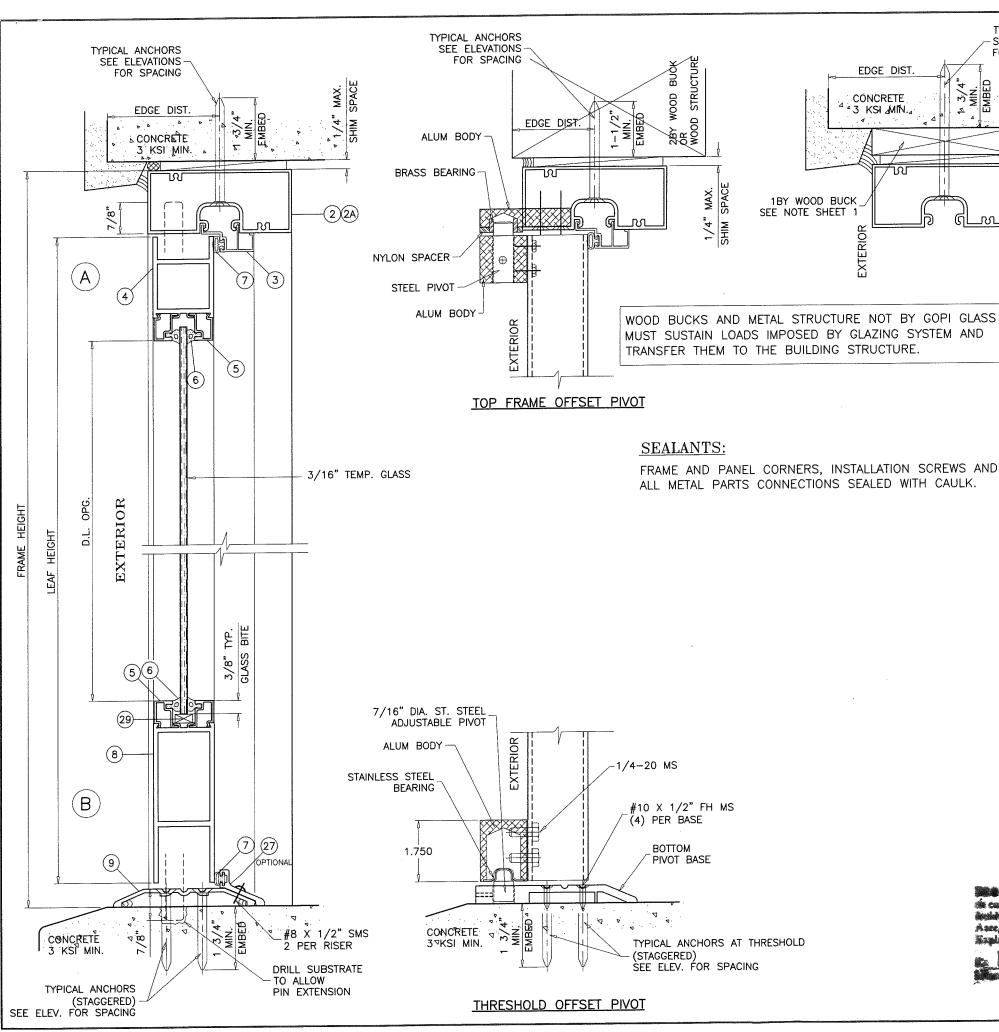
TEL. (305) 592-2089 FAX. (305) 477-0992

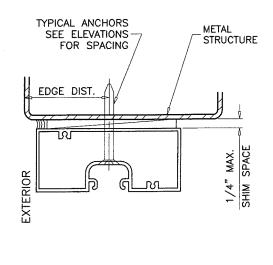
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drawing no. W98 - 23

sheet 2 of 7





TYPICAL ANCHORS: SEE ELEV. FOR SPACING 1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI) INTO 2BY WOOD BUCKS OR WOOD STRUCTURES 1-1/2" MIN. PENETRATION INTO WOOD (HEAD/JAMBS)

THRU 1BY BUCKS INTO CONC. OR BLOCKS 1-3/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS) 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

DIRECTLY INTO CONCRETE OR BLOCKS 1-3/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS) 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

#14 SMS OR SELF-DRILLING SCREWS (GRADE 2 CRS) INTO MIAMI-DADE COUNTY APPROVED MULLIONS

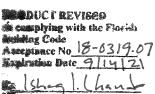
(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.) STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.) (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

INTO METAL STRUCTURES (HEAD/JAMBS) (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.) STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.) (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

#### CRITICAL EDGE DISTANCE

INTO CONCRETE AND BLOCKS = 2-1/2" MIN. INTO WOOD STRUCTURE = 1" MIN. INTO METAL STRUCTURE = 3/4" MIN.

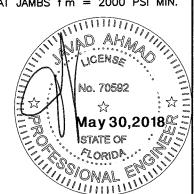
WOOD AT HEAD OR JAMBS SG = 0.55 MIN. CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN. C-90 HOLLOW/FILLED BLOCK AT JAMBS I'm = 2000 PSI MIN.



TYPICAL ANCHORS

SEE ELEVATIONS

FOR SPACING



(C.A.N. ,

CORPORATION AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 9360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33173 (C.A.N. 3536 TEL. (305) 264-8100 FAX. (305) 262-6978

> Services **s Sales & :** 41 STREET 33166 i Glass 0 N.W. 4 Ml, FL. 3 (305) 592 Gopi (7450 MIAMI, TEL (30

(N.E.

DOOR

ENTRANCE

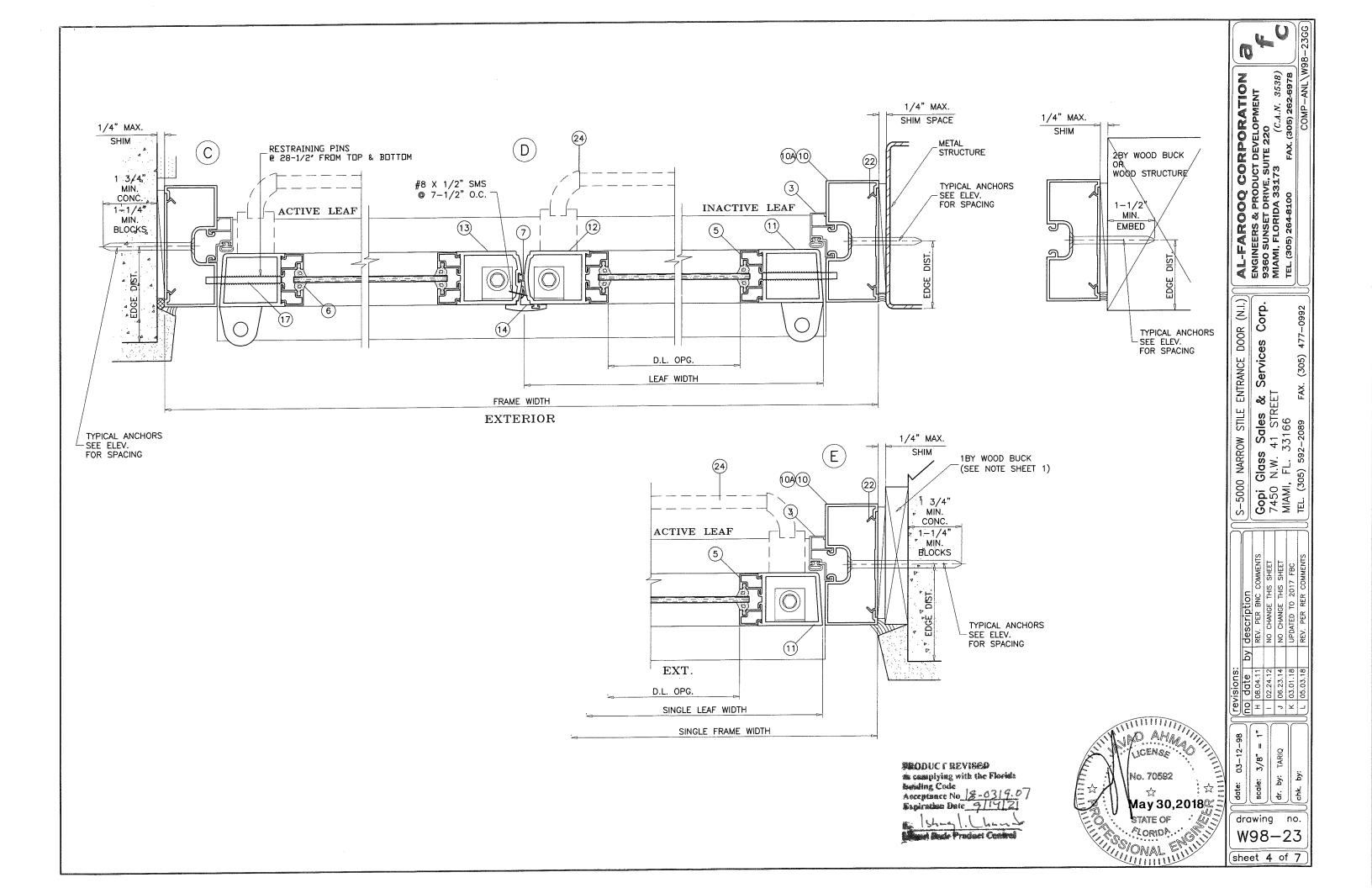
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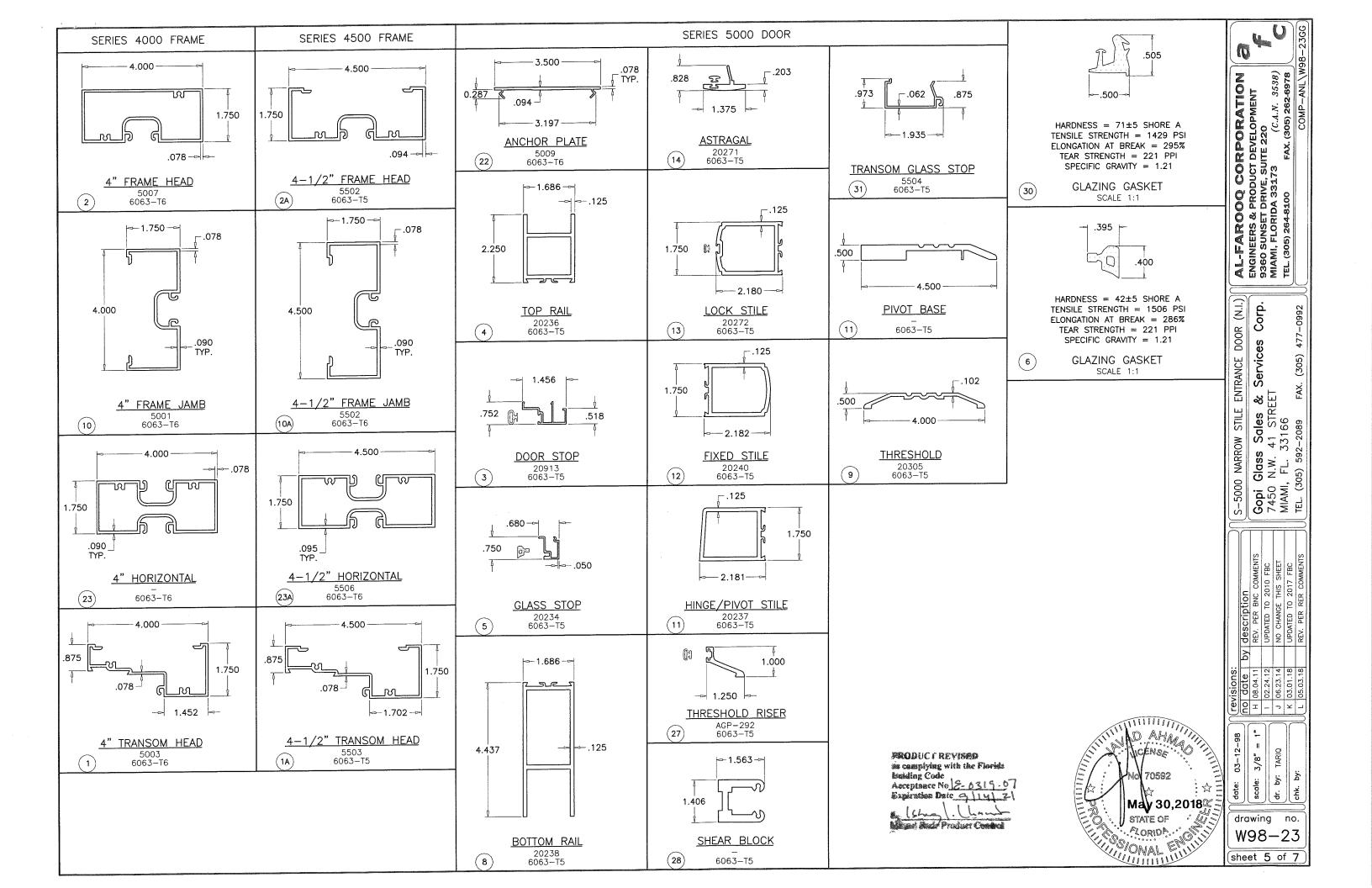
S-5000 NARROW

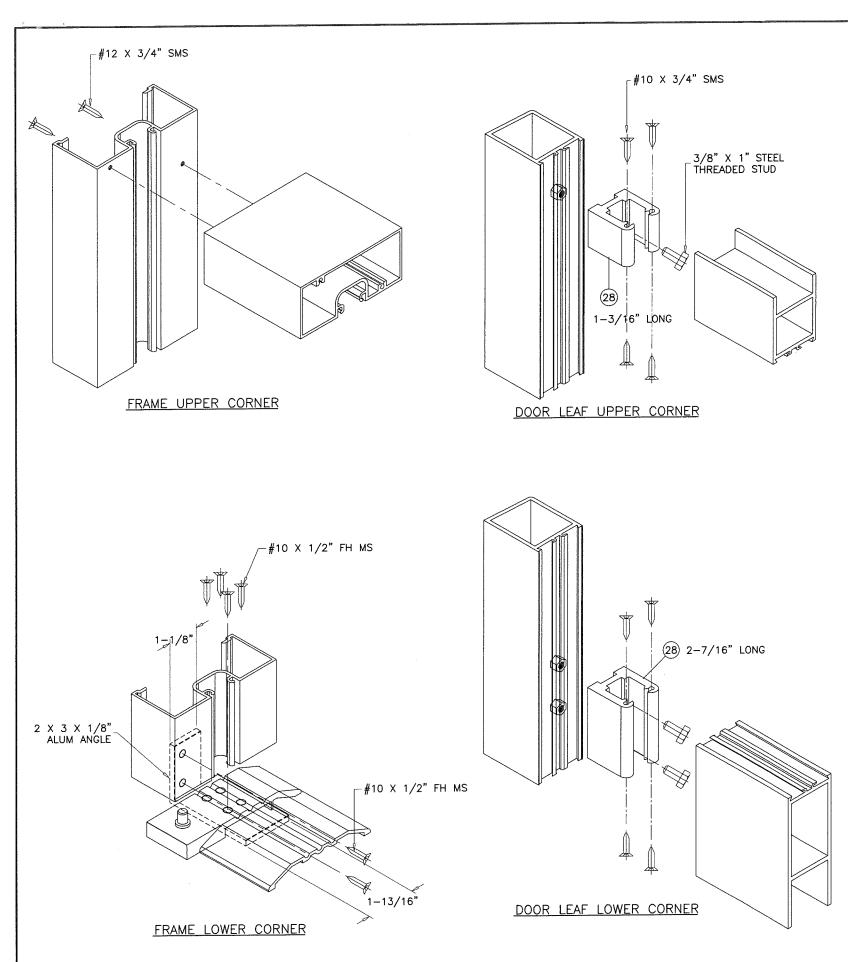
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drawing no. W98-23

sheet 3 of 7







ITEM #	PART #	REQD.	DESCRIPTION	REMARKS	
1	5003	AS REQD.	4" TRANSOM HEAD	6063-T6	
1A	5503	AS REQD.	4-1/2" TRANSOM HEAD	6063-T6	
2	5007	1	4" FRAME HEAD	6063-T6	
2A	5502	1	4-1/2" FRAME HEAD	6063-T6	
3	20913	AS REQD.	DOOR STOP	6063-T6	
4	20236	1/ LEAF	TOP RAIL	6063-T6	
5	20234	AS REQD.	GLASS STOP	6063-T6	
6	46812	AS REQD.	GLAZING GASKET	NEOPRENE	
7		AS REQD.	BULB WEATHERSTRIPPING	SOFT PVC	
8	20238	1/ LEAF	BOTTOM RAIL	6063-T5	
9	20305	1	THRESHOLD	6063-T5	
10	5001	2	4" OPEN BACK JAMB	6063-T6	
10A	5501	2	4-1/2" OPEN BACK JAMB	6063-T6	
11	20237	AS REQD.	HINGE OR PIVOT STILE	_	
12	20240	1/ LEAF	FIX STILE (INACTIVE PANEL)	6063-T5	
13	20272	1/ LEAF	LOCK STILE (ACTIVE PANEL)	6063-T5	
14	20271	1/ DOOR	ASTRAGAL FOR XX ONLY	6063-T5	
15	10741		PUSH BAR (OPTIONAL)	6063-T5	
16	AGP-123	AS REQD.	HANDLE	6063-T5	
17	14234	2/ LEAF	RESTRAINING PINS (2-1/2" X 1/4")	STEEL	
18	30708	1/ LEAF	TOP FRAME OFFSET PIVOT	_	
19	30709	1/ LEAF	TOP DOOR OFFSET PIVOT	_	
20	30710	1/ LEAF	BOTTOM DOOR OFFSET PIVOT	_	
21 .	30711	1/ LEAF	THRESHOLD OFFSET PIVOT	_	
22	5009	AS REQD.	ANCHOR PLATE, 3" LONG AT ANCHORS	6063-T6	
23	-	AS REQD.	4" HORIZONTAL	6063-T6	
23A	5506	AS REQD.	4-1/2" HORIZONTAL	6063-T6	
24	1085	_	JACKSON PANIC DEVICE	SEE SHEET 2	
25	_	2/ LEAF	FLUSH BOLT (INACTIVE LEAF ONLY)	SEE SHEET 1	
26	_	1/ LEAF	THREE POINT LOCK (ACTIVE LEAF ONLY)	SEE SHEET 1	
27	AGP-292	1/ DOOR	THRESHOLD RISER	6063-T5	
28	_	_	SHEAR BLOCK	6063-T5	
29	_	2/ LITE	SETTING BLOCK, DUROMETER 80±5 SHORE A	EPDM	
30	_	AS REQD.	GLAZING GASKET	NEOPRENE	
31	5504	AS REQD.	TRANSOM GLASS STOP	6063-T5	
32	_	2/ LITE	SETTING BLOCK, DUROMETER 87±5 SHORE A	EPDM	

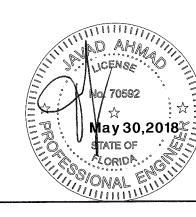
PRODUCT REVISED

six complying with the Florida

Building Code

Asceptunce No 18-0319.07

Expiration Date 3114121



	revisions:	no date   by description	H 08.04.11 REV. PER BNC CO	1 02.24.12 UPDATED TO 2010	J 06.23.14 NO CHANGE THIS	K 03.01.18 UPDATED TO 2017	L 05.03.18 REV. PER RER CO
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sheet 6 of 7

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| S-5000 NARROW STILE ENTRANCE DOOR (N.I.) | Gopi Glass Sales & Services Corp. 7450 N.W. 41 STREET | MIAMI, FL. 33166 | TEL. (305) 592-2089 FAX. (305) 477-0992

