

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION NOTICE OF ACCEPTANCE (NOA) MIAMI-DADE COUNTY PRODUCT CONTROL SECTION 11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786) 315-2590 F (786) 315-2599 www.miamidade.gov/economy

RC Home Showcase, Inc. 2970 NW 75th Avenue Miami, FL 3312

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 "RD45" Single Outswing Aluminum Entrance Door

APPROVAL DOCUMENT: Drawing No. **W11-11 Rev F**, titled "Series RD45 Alum Entrance Door (L.M.I.)", sheets 1 through 5 of 5, prepared by AL-Farooq Corporation, dated 03/02/11 and last revised on DEC 10, 2020, signed and sealed by Jalal Farooq, 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: Large and Small Missile Impact Resistant

Limitations:

- 1. See charts in sheet 1 for number of Hinges and Locking points required per door sizes.
- 2. Max. 7/16" load bearing shim, except 1/4" max into steel substrate.
- 3. Max O.C. anchors spacing at head/sill, not to exceed 20".

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", 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 # 19-0312.03** and consists of this page 1 and evidence pages E-1, E-2, E-3 & E-4, as well as approval document mentioned above.

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



Ishag 1. Chandes

NOA No. 20-1216.11 Expiration Date: August 19, 2024 Approval Date: March 04, 2021 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. **W11-11**, titled "Series RD45 Alum Entrance Door (L.M.I.)", sheets 1 through 5 of 5, prepared by AL-Farooq Corporation, dated 03/02/11 and last revised on July 07, 2011, 2011, signed and sealed by Javad Ahmad, P.E.

B. TESTS (submitted under files #15-1007.03 (RC Home), #13-1112.07, # 12-0410.07(RC Alum)

- 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
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with marked-up drawings and installation diagrams of single aluminum outswing doors, Fenestration Testing Laboratory, Inc., Test Report No. **FTL-6381**, dated 12/17/10, witnessed by Jorge A. Causo, P.E., signed and sealed dated 02/14/11 by reviewing engineer Marlin D. Brinson, P. E.

C. CALCULATIONS

- 1. Anchor verification calculations and structural analysis, complying with **FBC–2014**, prepared by Al–Farooq Corporation, dated 09/25/15, signed and sealed by Javad Ahmad, P. E.
- 2. Glazing complies w/ ASTME-1300-04&-09.

D. QUALITY ASSURANCE

1. Miami Dade Building and Neighborhood Compliance Department (BNC).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 14-0916.11 issued to Kuraray America, Inc. for their "SentryGlas® (Clear and White) Interlayer", expiring on 07/04/18.

F. STATEMENTS

- 1. Statement letter of conformance, complying with **FBC–2014**, issued by Al–Farooq Corporation, dated 09/21/15, signed and sealed by Javad Ahmad, P. E.
- Asset purchase agreement dated 10/01/13, between Manuhen Enterprises, LLC ("MANUHEN") Buyer, RC Home Showcase Inc. ("RC HOME"), Seller and RC Aluminum, Industries, Inc.(RC ALUMINUM") Seller, signed on behalf of the respectively companies by Mr. Manuel A. Kronfle (MANUHEN) Mr. Henry F. Kronfle ((MANUHEN), Mr. Raul Casares (RC ALUMINUM/RC HOME), Mr. Eusebio Paredes and Ms. Nancy Vias (RC HOME) (Submitted under previous NOA No. 13-1112.07)
- 3. Statement letter dated OCT 30, 2013 issued by RC Aluminum Industries, Inc, requesting Name change, by way of sales of Assets of ownership NOA(s) transferred to RC Home Showcase, signed by Raul Casares, President RC Aluminum Industries, Inc. *(Submitted under previous NOA No. 13-1112.07)*

Ishag I. Chande -Ishaq I. Chanda, P.E.

Product Control Unit Supervisor NOA No. 20-1216.11 Expiration Date: August 19, 2024 Approval Date: March 04, 2021

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. **STATEMENTS** (continue):

- 4. Department of State Certification of **MANUHEN ENTERPRISES**, LLC as a limited liability company, active and organized under the laws of the State of Florida, dated 08/22/13 and signed by N. Culligan, the Secretary of State
- 5. Department of State Certification of **RC HOME SHOWCASE**, **INC.** as a for profit corporation, active and organized under the laws of the State of Florida, dated 10/11/13 and signed by T. Carter, the Secretary of State.
- 6. Statement of Lab compliance, as part of above test reports.

G. OTHER

1. This NOA revises NOA # 15-1007.03, expiring 08/19/2019.

2. Evidence submitted under previous approval.

A. DRAWINGS

1. Drawing No. **W11-11**, titled "Series RD45 Alum Entrance Door (L.M.I.)", sheets 1through 5 of 5, prepared by AL-Farooq Corporation, dated 03/02/11and last revised on MAR 05, 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** (6th Edition), prepared by Al–Farooq Corporation, dated 03/05/18, signed and sealed by Javad Ahmad, P. E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 14-0916.11 issued to Kuraray America, Inc. for their "SentryGlas® (Clear and White) Interlayer", expiring on 07/04/18.

F. STATEMENTS

1. Statement letter of conformance to **FBC 6th Edition (2017)** and of no financial interest, prepared by Al Farooq Corporation, dated 03/05/18, signed and sealed by Javad Ahmad, P.E.

G. OTHER

1. This NOA revises NOA # 15-1007.03, expiring 08/19/2019.

Ishag 1. Chandes

Ishaq I. Chanda, P.E. Product Control Unit Supervisor NOA No. 20-1216.11 Expiration Date: August 19, 2024 Approval Date: March 04, 2021

RC Home Showcase, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. Evidence submitted under previous approval.

A. DRAWINGS

1. Drawing No. **W11-11**, titled "Series RD45 Alum Entrance Door (L.M.I.)", sheets 1through 5 of 5, prepared by AL-Farooq Corporation, dated 03/02/11and last revised on MAR 05, 2018, signed and sealed by Javad Ahmad, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

- 1. Statement letter dated March 05, 2019, issued by RC Home Showcase, signed by Roberto Perez.
- 2. Statement letter of conformance to FBC 6th Edition (2017) and of no financial interest, prepared by Al Farooq Corporation, dated 03/05/18, signed and sealed by Javad Ahmad, P.E. (submitted under file # 19-0312.03).

G. OTHER

1. This NOA renews NOA # 18-0418.07, expiring 08/19/2024.

Ishag 1. Chanda

Ishaq I. Chanda, P.E. Product Control Unit Supervisor NOA No. 20-1216.11 Expiration Date: August 19, 2024 Approval Date: March 04, 2021

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. New Evidence submitted.

A. DRAWINGS

1. Drawing No. **W11-11 Rev F**, titled "Series RD45 Alum Entrance Door (L.M.I.)", sheets 1through 5 of 5, prepared by AL-Farooq Corporation, dated 03/02/11and last revised on DEC 10, 2020, signed and sealed by Jalal Farooq, P.E.

C. TESTS

1. None.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 2020** (7th Edition), prepared by Al–Farooq Corporation, dated 12/09/20, signed and sealed by Jalal Farooq, P. E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **17-0808.02** issued to Kuraray America, Inc. (former E.I. DuPont DE Nemours & Co., Inc.) for the "Sentry Glass ® Interlayer", expiring on 07/4/23.

F. STATEMENTS

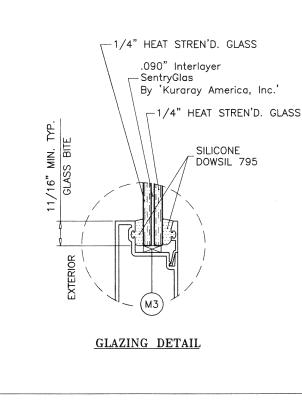
1. Statement letter of conformance to **FBC** 7th **Edition (2020)** and of no financial interest, prepared by Al Farooq Corporation, dated 12/09/20, signed and sealed by Jalal Farooq, P.E.

G. OTHER

1. This NOA revises NOA # 19-0312.03, expiring 08/19/2024.

Ishag 1. Chanda

Ishaq I. Chanda, P.E. Product Control Unit Supervisor NOA No. 20-1216.11 Expiration Date: August 19, 2024 Approval Date: March 04, 2021



MAX.

FRAME

WIDTH

36"

42"

48"

36"

42"

48"

36"

42"

48"

36"

42"

48"

THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

SERIES RD45 ALUMINUM OUTSWING ENTRANCE DOOR

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE (MULLED) COMBINATIONS OF FRENCH DOOR/FRENCH DOOR OR FRENCH DOOR WITH OTHER APPROVED DOOR TYPES IN MODULES OF TWO OR MORE DOORS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM DOORS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

DOORS APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2017 (6TH EDITION)/2020 (7TH 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.

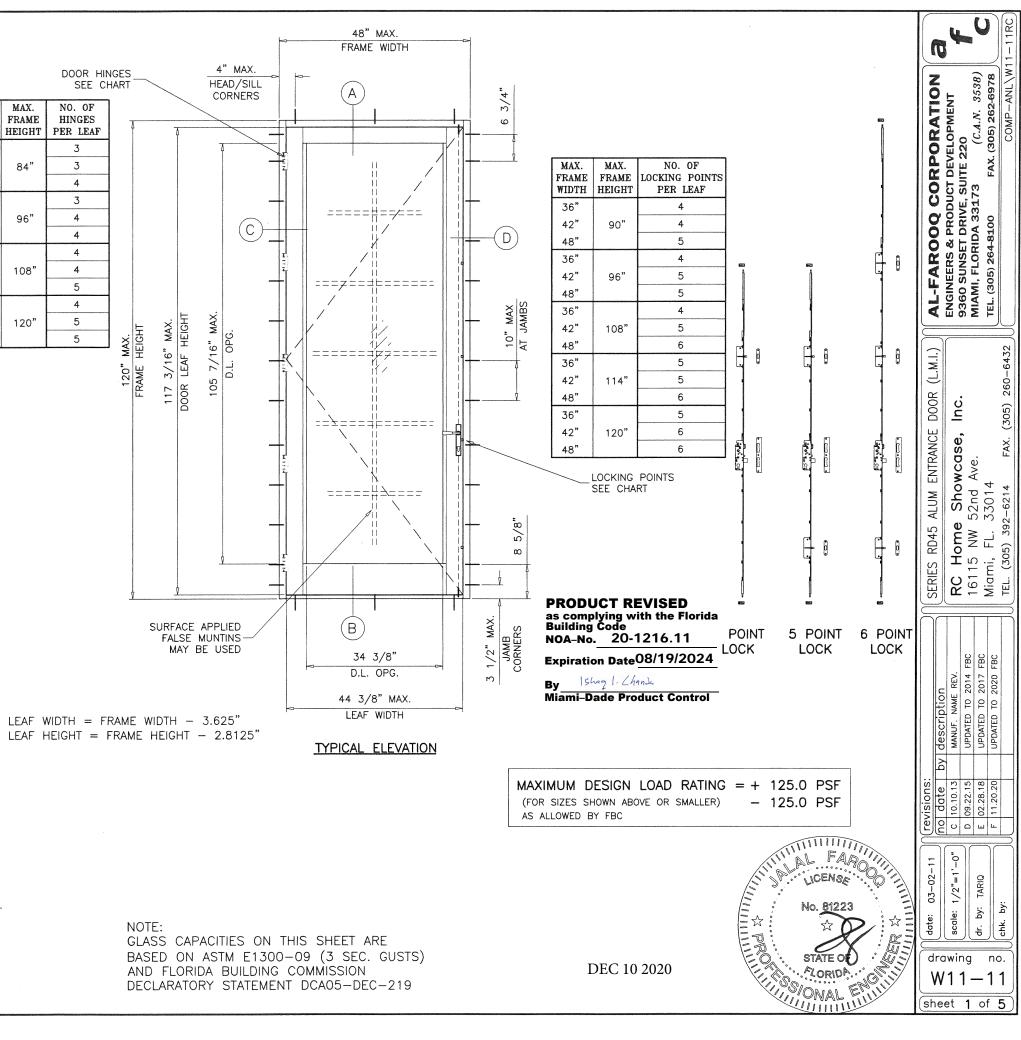
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

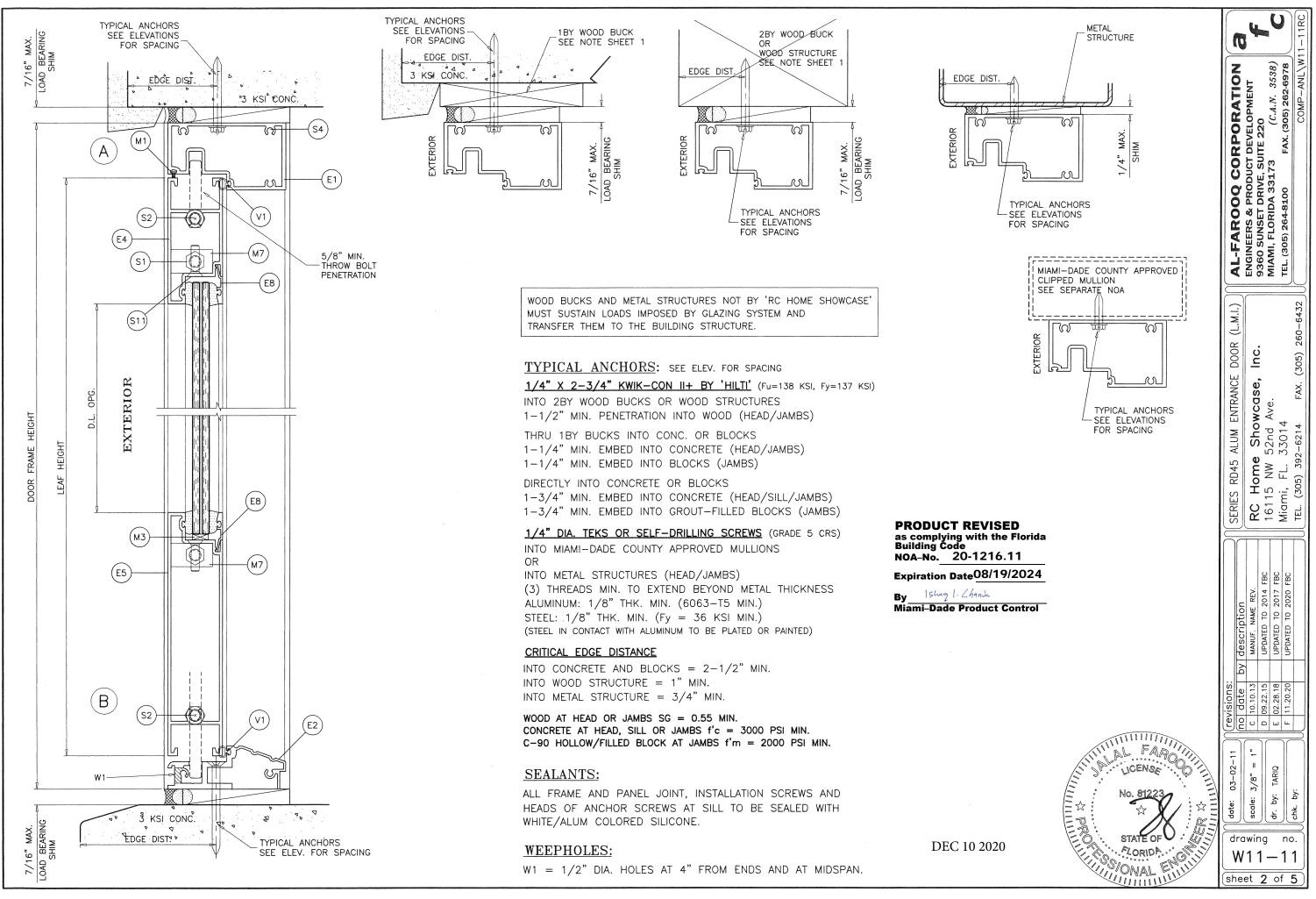
MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2017/2020 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

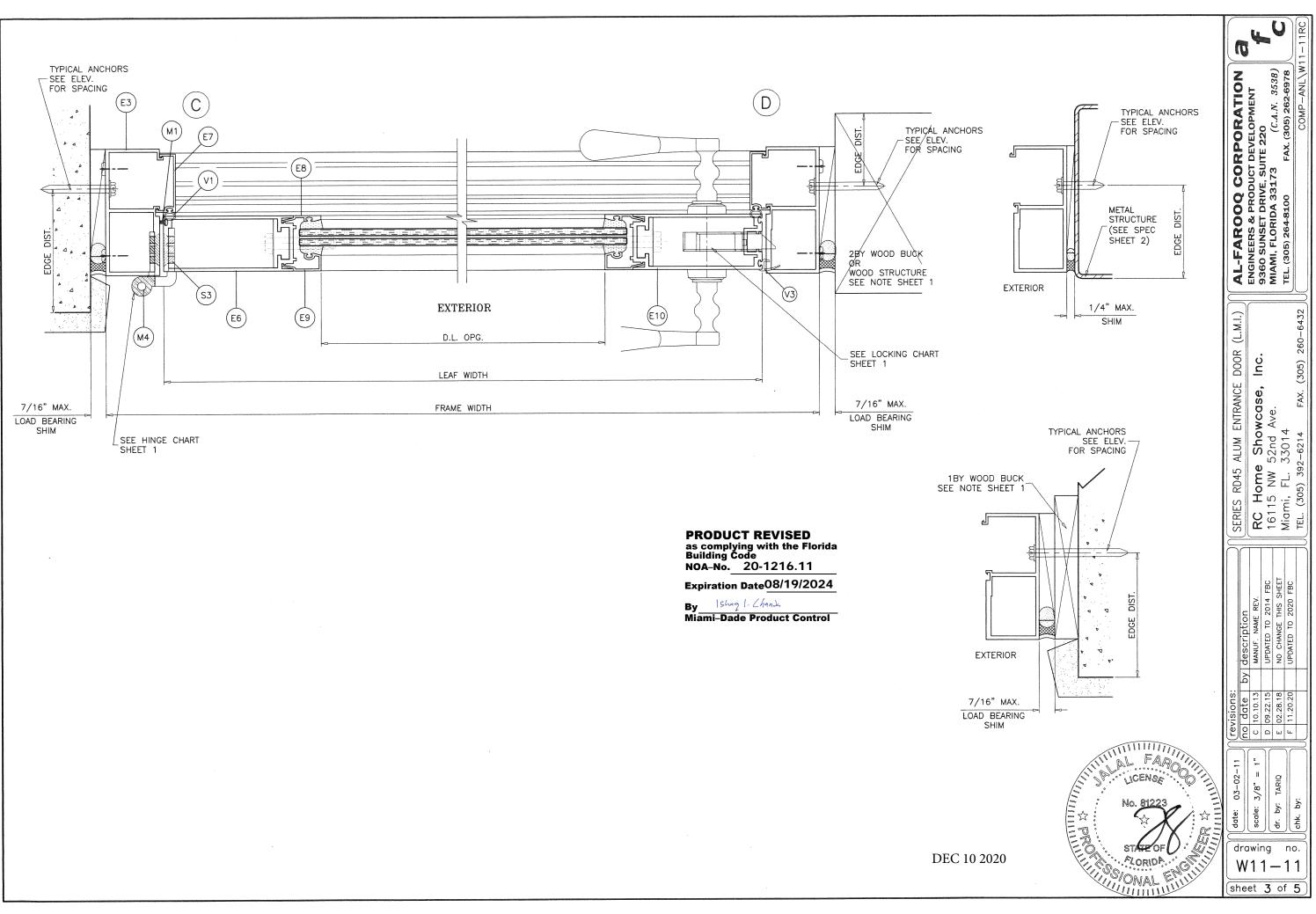
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC.

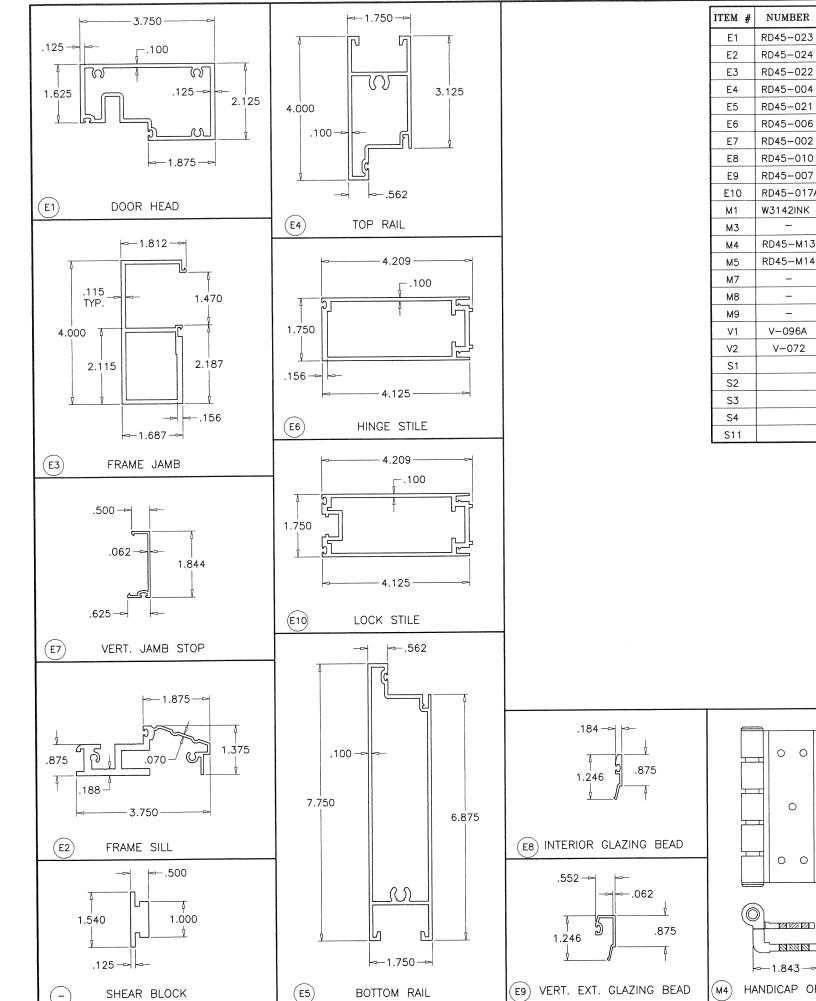
CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'









				MATERIAL	MANF./SUPPLIER/REMARKS	
ITEM #	NUMBER	REQD.	DESCRIPTION		MANT./ SUPPLIEN/REMARKS	
E1	RD45-023	1	FRAME HEAD	6005-T5	-	
E2	RD45-024	1	FRAME SILL FRAME JAMB	6063-T6 6063-T6	_	
E3	RD45-022	2	TOP RAIL	6063-T6		10N VT 3538) 2-6978 ANL\M
E4 E5	RD45-004 RD45-021	1/LEAF 1/ LEAF	BOTTOM RAIL	6063-T6	_	MEN 4
E6	RD45-006	2/ LEAF	HINGE STILE	6005-T5		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 COMP-ANL/W1
E7	RD45-002	2	VERTICAL JAMB STOP	6063-T6	-	
E8	RD45-010	AS REQD.	INTERIOR GLAZING BEAD	6063-T6	-	FAX.
E9	RD45-007		VERTICAL EXTERIOR GLAZING BEAD	6063-T6	-	
E10	RD45-017A	AS REQD.		6005-T5	-	U D U U
M1	W3142INK		WEATHERSTRIPPING		_	O O N N O
М3	-	2/ LITE	3/16" x 3/4" x 4" SETTING BLOCK, AT 6" FROM ENDS	EPDM	DUROMETER 80±5 SHORE A	-FAROOQ INEERS & PRO O SUNSET DRI MI, FLORIDA 3 (305) 264-8100
M4	RD45-M13	4/ LEAF	HANDICAP OFFSET HINGE ASSEMBLY	6005-T5	SULLIVAN & ASSOCIATES	264 SRS
M5	RD45-M14	1	3/4" X 3/4" X 1/8" THK CHANNEL	ALUMINUM	AT THRESHOLD	
М7	-	-	BAR REINFORCEMENT, 2" LONG	ALUMINUM		
M8	guite		PLATE REINFORCEMENT, 3-7/8" LONG	ALUMINUM	-	AL- B36G 936G MIAI
М9	-	_	PLATE REINFORCEMENT, 7-5/8" LONG	ALUMINUM	-	
V1	V-096A		DOOR W'STRIPPING	VINYL		32
V2	V-072		PILE WITH INTEGRAL FIN	-		R (L.M.I.)
S1			Ø3/8"-16 X 1-1/4" LG. FULL THREAD HX.HD	-	1 PER CONER	-09
S2			Ø3/8"-16 X 2" LG. FULL THREAD HX.HD	-	1 PER CONER	
S3			#12-24 X 3/4" LG. PHIL. F.H. MACHINE SCREW	ST/ST	HINGE INSTALLATION SCREWS	
S4 S11		AS REQD. AS REQD.		ST/ST ST/ST	ASSEMBLY FASTENERS	LUM ENTRANCE Showcase, 2nd Ave. 3014 6214 Fax. (
			LOCK: (SEE LOCKING SCHEDULE SHEET 1) FLUSH MOUNT METALLIC MULTI POINT LOCK WITH SURFACE MOUNT LEVER TYPE HANDLE KEY OPERATED ON EXTERIOR AND THUMB TU LOCK FASTENED TO LOCK STILE USING (14) HANDLE FASTENED USING (3) #12–28 X 1- KEY OPERATOR FASTENED USING (1) #12–2	AT 36" FRO JRN ON INTE #8 X 1" FI -7/8" OH M	M BOTTOM RIOR. H SMS S	RC Home 16115 NW Miami, FL.
		<u>\</u>	PRODUCT REVISED as complying with the Flor Building Code	ida		ns: e by description .13 MavuF. Name REV. .15 UPDATED TO 2014 FBC .18 NO CHANGE THIS SHEET .20 UPDATED TO 2020 FBC
		4.250	NOA–No. <u>20-1216.11</u> Expiration Date08/19/202	24		revisions: no date c 10.10.13 D 09.22.15 F 11.20.20
		V	By Ishag I. Chank Miami-Dade Product Contr	ol	LICENSE	03-02-11 3/8" = 1" TARIO
					TO STATE OF	ن <u>ة</u> التقليم التقلم التقليم التقليم التقليم التم التم التقليم التقليم التقليم التقليم التقليم التقليم التقليم التقليم التقليم الم الم الم الم الم الم الم ال



