

# 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

Miami, Florida 33175-2474

T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

MIAMI-DADE COUNTY

# Horton Automatics Division of Overhead Door

4242 Baldwin Boulevard Corpus Christi, TX 78405

#### 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 "110/310" (O-Sx-Sx-O/So-Sx-Sx-So) Aluminum Automatic Sliding Door w/ Breakout-N.I.

**APPROVAL DOCUMENT:** Drawing No. **040302-N Rev 3**, titled "Series 110/310 Non-Impact", sheets 1 through 8 of 8, prepared by manufacturer, dated 03/02/04 and last revised on 10/08/18, signed and sealed by John E. Scates, 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: None (Approved Hurricane protection Devices complying w/ FBC are required) Limitations:

- 1. Series 110 (O-Sx-Sx-O) and Series 310 (So-Sx-Sx-So) w/Fixed Push bar & AR top/bottom Flush bolts w/MS18505 lock are rated at DP=+/- 55 PSF & max unit size 192"Wx104"H. The Series 310 (So-Sx-Sx-So) with AR G-86 panic device is limited to DP = +/- 45 PSF & max unit size 168" WX 96H. See sheet 3 for glazing details.
- 2. Applicable O-Sx or So-Sx is qualified w/max unit size 96" Wx 104" H with hardware limitation.
- **3.** Not approved where water infiltration is required.
- 4. Electrical/ Electronic functions are not part of this approval and to be reviewed by appropriate Bldg. official.
- 5. Anchors referenced at Equal spacing must not exceed 12" unless otherwise noted.

**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 #18-1025.12, consists of this page 1 & evidence pages E-1, E-2 & E-3, as well as approval document mentioned above.

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



Ishaq I. Chands

NOA No. 20-0915.08 Expiration Date: July 15, 2023 Approval Date: December 23, 2020

Page 1

## **Horton Automatics Division of Overhead Door**

## 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. **040302-N Rev 2**, titled "Series 110/310 Non-Impact", sheets 1 through 8 of 8, prepared by manufacturer, dated 03/02/04 and last revised on 04/08/16, signed and sealed by John E. Scates, P.E.
- **B.** TESTS (submitted under files #15-0922.13/#14-0602.04/#12-0801.06/# 09-0623.05)
  - 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)
    - 4) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with installation diagram of aluminum automatic sliding glass doors, prepared by Hurricane Testing Laboratories, Test Report No(s). HTL-0322-0611-03 (sp#4), HTL-0322-0611-03 (sp#1), HTL-0322-0119.04 (sp#1) and HTL-0322-0908-03 (sp#6), all signed and sealed dated 02/16/04 by Vinu J. Abraham, P.E.

#### C. CALCULATIONS

- 1. Anchor verification calculations and structural analysis complying w/ FBC 2014 (5<sup>th</sup> edition), dated 09/11/15, prepared, signed and sealed by John E. Scates, 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

1. Technical data sheet for glazing bead item # 57, ExxonMobil Chemical's Santoprene<sup>TM 121</sup>-67W175 thermoplastic, extruded by Central Chemical Inc.

#### F. STATEMENTS

- 1. Statement letter of conformance to FBC 2014(5<sup>th</sup> Edition) & "No financial interest", dated SEP 11, 2015, signed & sealed by John E. Scates, P.E.
- 2. Lab compliance as part of the above referenced test report.

#### G. OTHER

- 1. This NOA revises & renews #14-0602.04, expiring on July 15, 2023.
- 2. Evidence submitted under previous approvals (#17-0828.06).

#### A. DRAWINGS

1. None.

### B. TESTS

1. None.

## C. CALCULATIONS

1. None.

Ishaq I. Chands

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 20-10915.08
Expiration Date: July 15, 2023
Approval Date: December 23, 2020

## **Horton Automatics Division of Overhead Door**

## NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- 2. Evidence submitted under previous approvals (#17-0828.06) continue:
- D. QUALITY ASSURANCE
  - 1. Miami Dade Department of Regulatory and Economic Resources (RER).
- E. MATERIAL CERTIFICATIONS
  - 1. None.
- F. STATEMENTS
  - 1. Statement letters of conformance to FBC 2017(6th Edition) & FBC 2014 (5<sup>th</sup> Edition) dated 11/02/17, prepared, signed and sealed by John E. Scates, P.E.
- G. OTHER
  - 1. This NOA revises NOA # 15-0922.13, expiring 07/15/2023.
- 3. New Evidence submitted

#### A. DRAWINGS

1. Drawing No. **040302-N Rev 3**, titled "Series 110/310 Non-Impact", sheets 1 through 8 of 8, prepared by manufacturer, dated 03/02/04 and last revised on 10/08/18, signed and sealed by John E. Scates, P.E. (Note: This revision consists of updating setting block at glazing detail)

#### **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 (submitted under #17-0828.06)

1. Statement letters of conformance to FBC 2017(6th Edition) & FBC 2014 (5<sup>th</sup> Edition) dated 11/02/17, prepared, signed and sealed by John E. Scates, P.E.

#### G. OTHER

1. This NOA revises NOA # 17-0828.06, expiring 07/15/2023.

#### 4. New Evidence submitted

#### A. DRAWINGS

1. Drawing No. **040302-N Rev 3**, titled "Series 110/310 Non-Impact", sheets 1 through 8 of 8, prepared by manufacturer, dated 03/02/04 and last revised on 10/08/18, signed and sealed by John E. Scates, P.E, (Note: This revision consists of updating setting block at glazing detail).

Ishaq 1. Chands

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 20-10915.08
Expiration Date: July 15, 2023
Approval Date: December 23, 2020

## **Horton Automatics Division of Overhead Door**

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

#### 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.

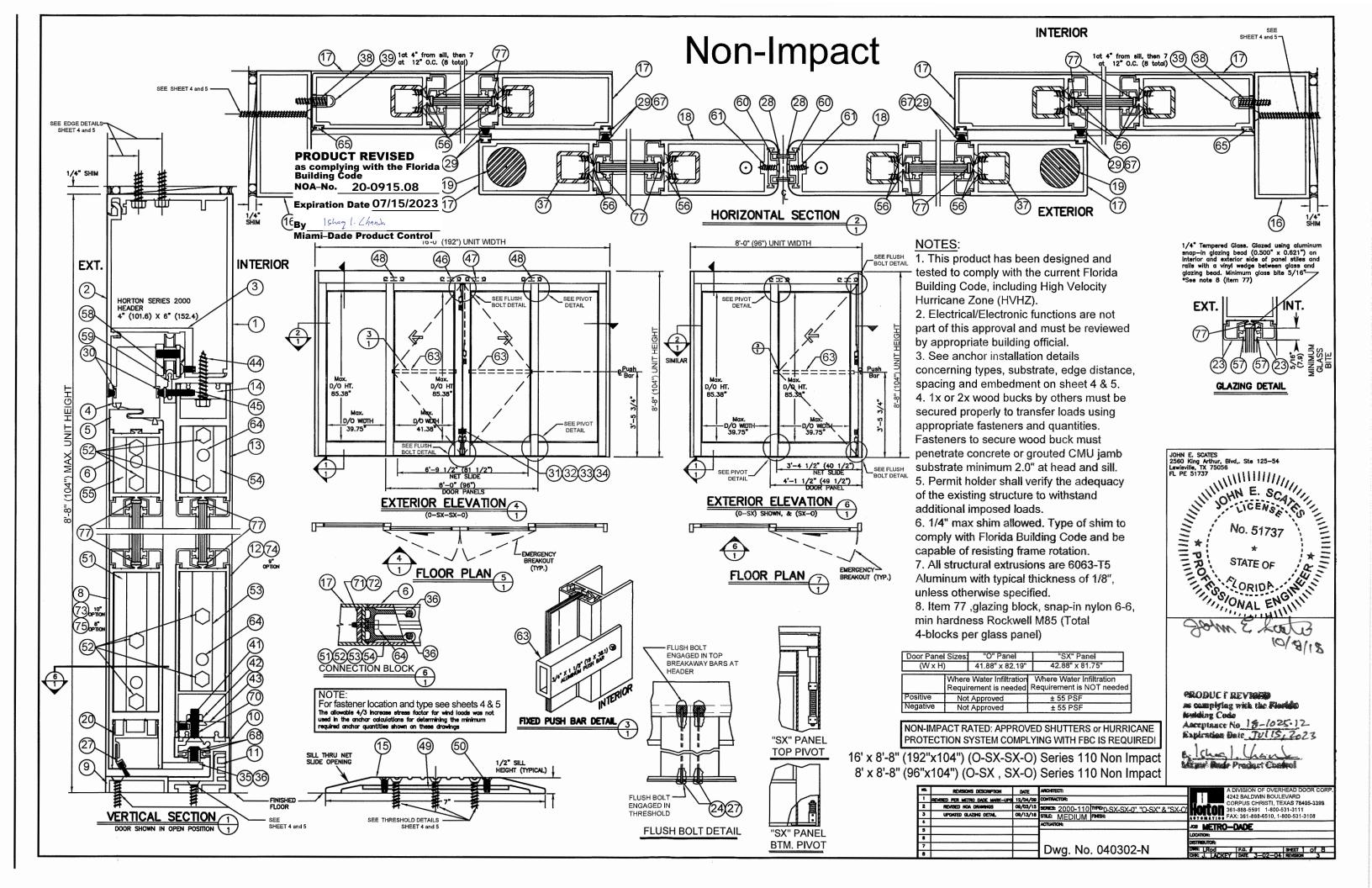
## F. STATEMENTS

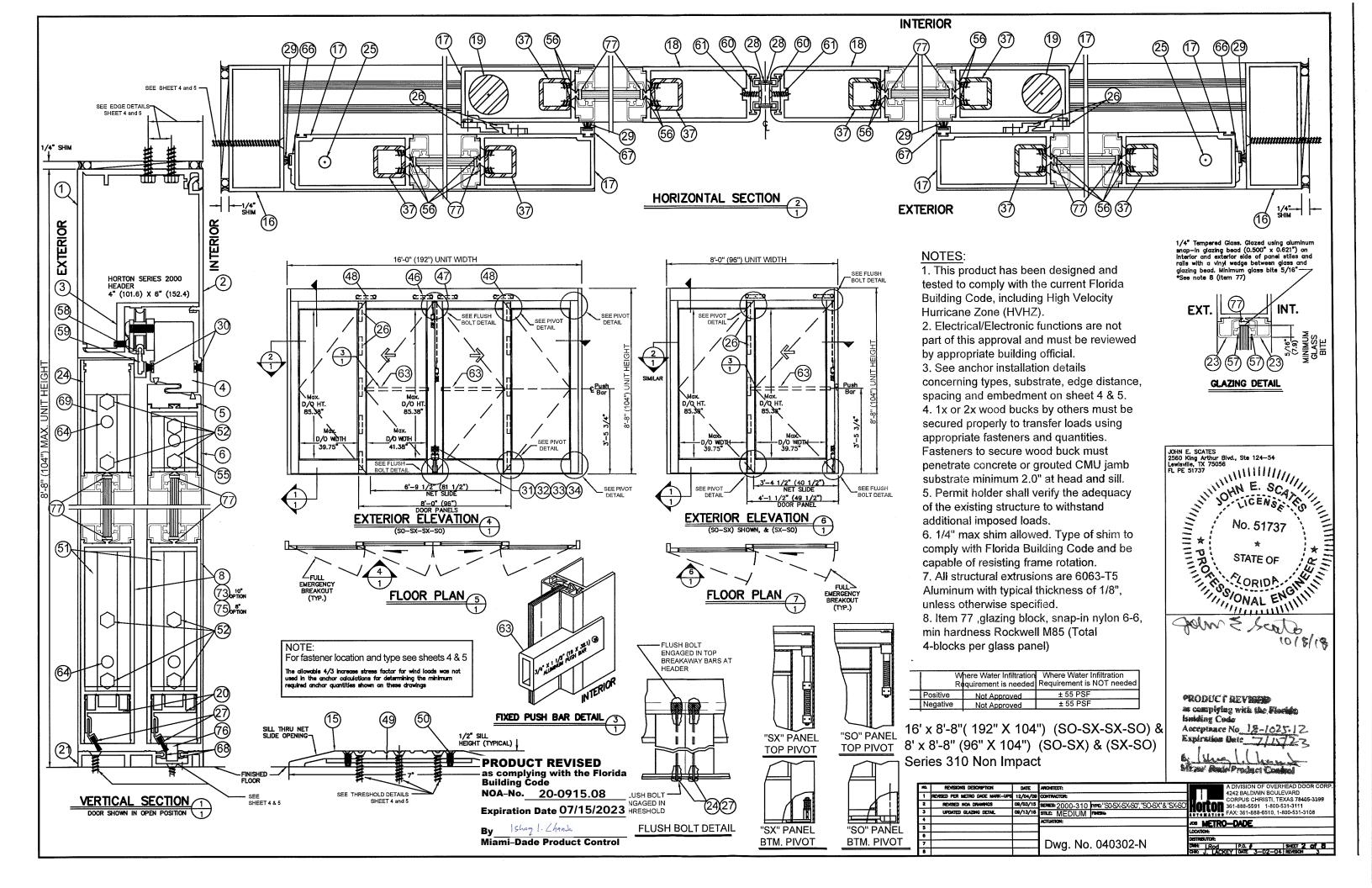
1. Statement letters of conformance to FBC 2020 (7th Edition) & "No financial interest", dated 08/28/20, prepared, signed and sealed by John E. Scates, P.E.

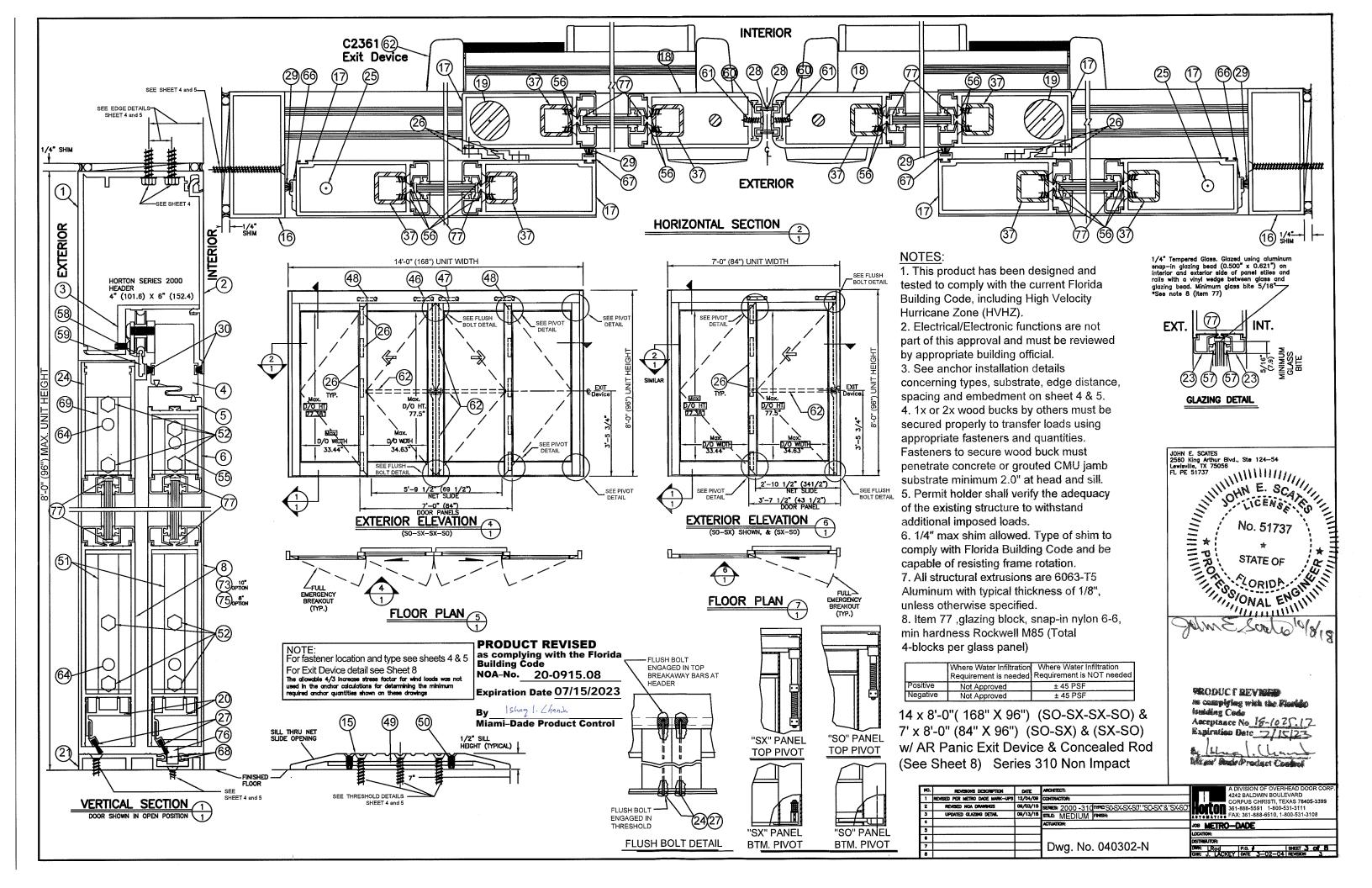
## G. OTHER

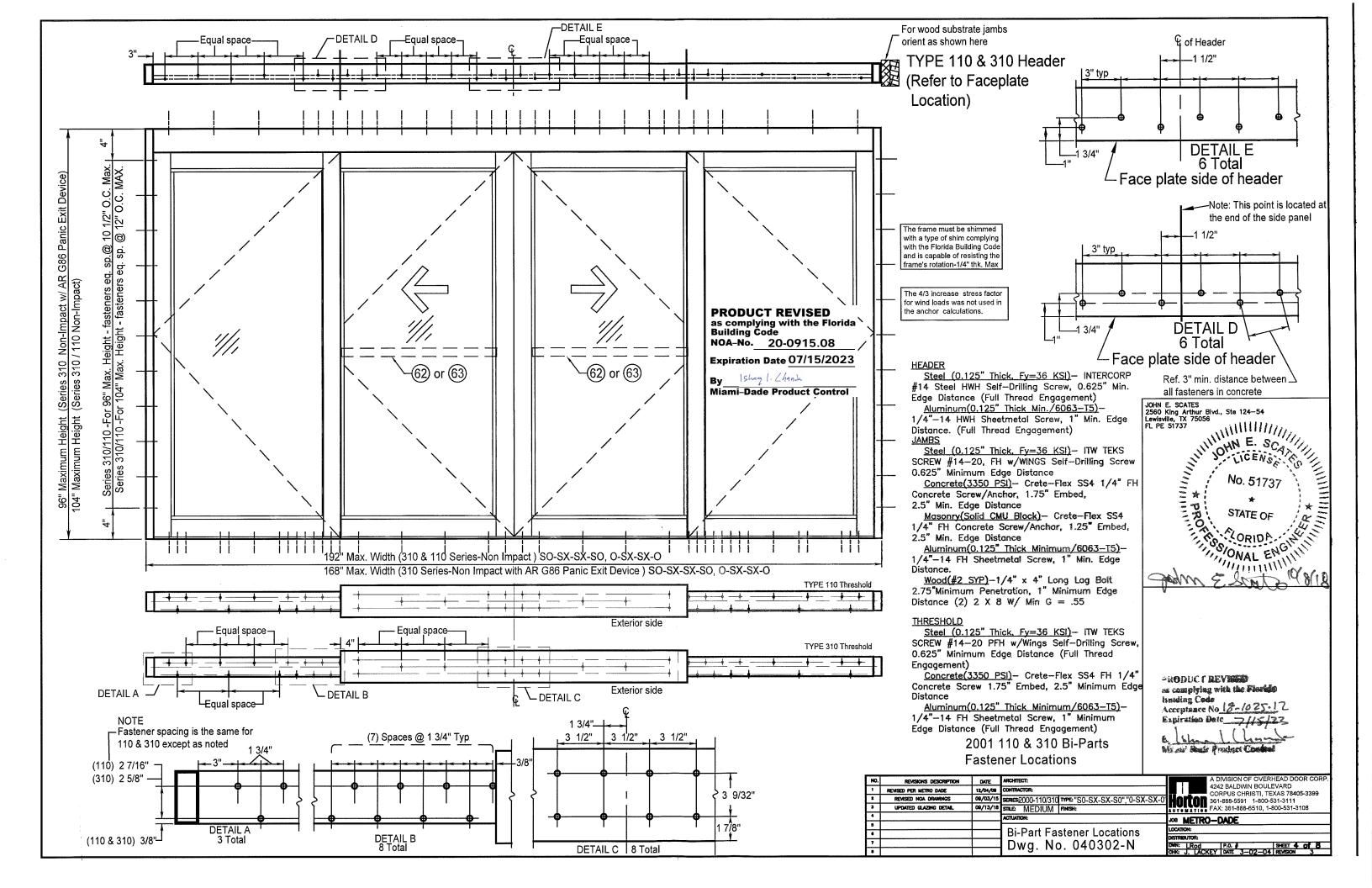
1. This NOA revises NOA # 18-1025.12, expiring 07/15/2023.

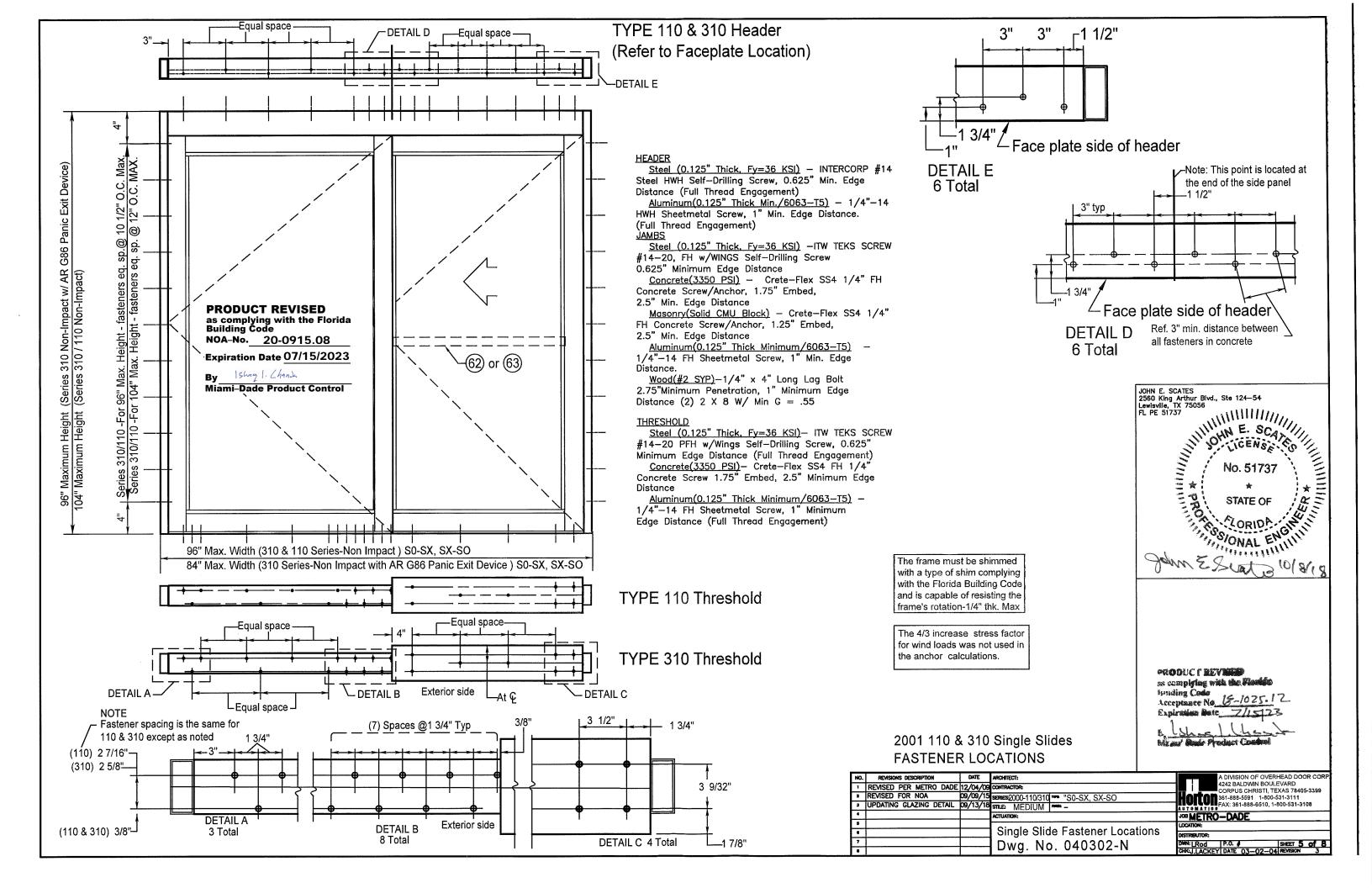
Ishaq I. Chands











EM#	HORTON PART NUMBER	DESCRIPTION				
1	C00265.000R	ALUMINUM EXTRUSION: HEADER				
2	C00266.000R	ALUMINUM EXTRUSION: FACEPLATE				
3	C00264.000R	ALUMINUM EXTRUSION:TRAY				
4	C00314.000R	ALUMINUM EXTRUSION:INTERLOCK TOP				
5	C00327.000R	ALUMINUM EXTRUSION:INTERLOCK LOWER				
6	C00337.000R	ALUMINUM EXTRUSION:TOP RAIL				
7	C00370.0001	ALUMINUM EXTRUSION:GLASS STOP				
8	C00283.0000	ALUMINUM EXTRUSION:BOTTOM RAIL				
9	C00315.0000	ALUMINUM EXTRUSION:TRACK FILLER				
10	C00330.0001	ALUMINUM EXTRUSION: BOTTOM GUIDE				
11	C00386.0001	ALUMINUM EXTRUSION: ADAPTOR				
12	C00342.04FL	ALUMINUM EXTRUSION: BOTTOM RAIL				
13	C02801.000AB	ALUMINUM EXTRUSION: HORIZONTAL RAIL				
14	C02899.0002	ALUMINUM EXTRUSION: CORNER BLOCK (used as reinforcement)				
15	C00390.0000	ALUMINUM EXTRUSION: THRESHOLD 7"				
16	C00300.000AB	ALUMINUM EXTRUSION: TIRESTICED / ALUMINUM EXTRUSION: JAMB TUBE 4" X 1-3/4"				
17	C00323.0000	ALUMINUM EXTRUSION: JAMB TUBE 4" X 1-3/4"  ALUMINUM EXTRUSION: VERTICAL RAIL				
18	C00363.0000	ALUMINUM EXTRUSION: VERTICAL RAIL				
19	C00818.000R	BAR TORSION (serves as slide panel top pivot)				
20	C02798.0001	ALUMINUM EXTRUSION: ADAPTOR				
21	C02733.0001	THRESHOLD				
22	C02379.001ABC	GLASS STOP				
23	C00379.001ABC	GLASS STOP				
24	C00343.001R	ALUMINUM EXTRUSION; HORIZONTAL RAIL	PRODUCT REVISED			
25	C00589.0000		as complying with the Florida Building Code			
26	C00369.0000 C00888.002AB	PIVOT Building Code  CLIP INTERLOCK NOA-No. 20-0915.08				
27	C00524.00FL	WEATHERSEAL BRUSH Felton #490621				
		NOSING SEAL SCHLEGEL #1104-5101	Expiration Date <u>07/15/2023</u>			
28	C00350.0000 C00397.0000	· ·	-By Ishaq I. Chank			
29		INTERLOCK SEAL SHCLEGEL #/595-6011-0 Miami-Dade Product Control				
30	C00293.0000	WEATHERSEAL BRUSH Schlegel #8430-5016-7				
31	C00454.0000	LOCK, MAX SECURITY AR MS1850S				
32	C00463.0000	THUMBTURN AR 4066				
33	C00487.0000	ADAMS RITE 4089 ROD ASSEMBLY	1 4/01			
34	C00883.0000	3/8" HEX BOLT AR 4015 EXTENDING INTO HEAD AND SILL 1/2"				
35	C00843.01FL	BOTTOM GUIDE DOOR MOUNTED				
36	C00844.01FL	BOTTOM GUIDE DOOR MOUNTED				
37	C01987.0000	STEEL TUBE A-500 1" X 1 " X 1/8" (FULL LENGTH PANEL STILES)				
38	C00426.0001	5/16 SPACER				
39	C00453.0000	#10 X 5/8 PHSMS				
40	C00450.0000	#10 X 1-1/2 FHSMS				
41	C00437.0000	#10-24 X 1/2" FHMS EVERY 12" IN SIDELITES				
42	C00404.0000	1/4-20 LOCKNUT				
43	C02899.0002	ALUMINUM EXTRUSION: CORNER BLOCK (used as reinforcement)				
44	C00417.0000	#14 X 1-1/2 HWSMS EVERY 12" IN SIDELITES				
45	C07141.0000	#10-24 X 1" FHMS EVERY 12" IN SIDELITES				
46	C02130.01FL	DRIVE WHEEL ASSEMBLY				
47	C00815.0RFL	WHEEL ASSEMBLY				
48	C00817.00FL	IDLER WHEEL ASSEMBLY				
49	C00448.0000	PLATE, 4-5/8" X 8" X 1/8" ALUMINUM LOCATED UNDER THRESHOLD AT LOCK BOLTS				
50	C00437.0000	0000 #10-24 X 1/2" FHMS, 4 IN EACH PLATE ITEM 49				

51	C00693.0003	CORNER BLOCK	
52	C08150.0000	1/4-20 X 3/4 HHMB	
53	C00536.0004	CORNER BLOCK	
54	C09490.0001	CORNER BLOCK	
55	C01044.0001	CORNER BLOCK	
56	C00437.0000	#10-24 X 1/2" FHMS	
57	C00341.0001	GLAZING BEAD	
58	C00291.0001	TRACK CAP	
59	C00380.0001	TRACK	
60	C00358.000R	ALUMINUM EXTRUSION: ASTRAGAL	
61	C00664.001AB	#8 X 3/4 FHSMS	
62	C02361.0000	PANIC EXIT DEVICE ADAM'S RITE G86H W/ CONCEALED ROD	
63	C00278.001ABC	FIXED PUSHBAR; ALUMINUM TUBE	
64	C09719.0000	ALL THREAD 3/8-16	
65	C00371.000R	WEATHERSTRIP; PANEL TO JAMB	
66	C00398.0000	ALUMINUM EXTRUSION; MOHAIR ADAPTOR	
67	C00389.00FL	INTERLOCK SEAL SHCLEGEL #7595-6011-0	
68	C00289.0000	TRACK CAP	
69	C00536.0003	CORNER BLOCK	
70	C08141.0000	1/4-20 X 1" FHMS	
71	C01046.0000	BACKUP PLATE	
72	C00538.000R	BACKUP PLATE	
73	C02966.0002/C06967.0002 ALUMINUM EXTRUSION; BOTTOM RAIL 10"		
74	C00342.005AB	ALUMINUM EXTRUSION; BOTTOM RAIL 9"	
75	C02797.000AB	ALUMINUM EXTRUSION; BOTTOM RAIL 8"	
76	C00852.0004	BOTTOM GUIDE DOOR MOUNTED	
		GLAZING BLOCK, SNAP-IN NYLON 6-6 MIN HARDNESS	
77	C00552.0003	ROCKWELL M85	

WEATHERSEALS:

C389-FL INTERLOCK SEAL SCHLEGEL CORP. FINSEAL #7595-6011-0
C350 NOSING SEAL SCHLEGEL CORP. SKIRTING SEAL#1104-5101
C524-FL SLIDE PANEL BOTTOM SEAL FELTON NYLON BRISTLE #490621
C293 SLIDE PANEL TOP SEAL SCHLEGEL #8430-5016-7

HARDWARE:

C454 MAX SECURITY LOCK ADAMS-RITE #MS1850S-250-628

C463 THUMBTURN ADAMS-RITE #4066 C487 EXIT INDICATOR ADAMS-RITE #4089 C883 THRESHOLD BOLT ADAMS-RITE #4015

C815-RFL, C817-FL, C2130-1FL SLIDE TOP ROLLER ASSEMBLIES

C843-1FL & C844-1FL BOTTOM GUIDES

2000 Header - Series 110 & 310 Non-Impact

				•		
NO.	REVISIONS DESCRIPTION	DATE	ARCHITECT:		A DIVISION OF OVERHEAD DOOR CO	
1	revised per metro dade mark—ups	12/04/08	CONTRACTOR:		4242 BALDWIN BOULEVARD CORPUS CHRISTI, TEXAS 78405-3399	
2	REVISED NOA DRAWINGS	09/02/15	SERIES:	TYPE:	361-888-5591 1-800-531-3111	
3	UPDATED GLAZING DETAIL	09/13/18	STILE: MEDIUM	FINISH:	AUT - MATIC FAX: 361-888-6510, 1-800-531-3108	
4			ACTUATION:		JOB METRO-DADE	
5			Bill of Materials		LOCATION:	
6					DISTRIBUTOR:	
7			Dwa No	. 040302-N	DWN: LRod P.O. SHEET B OF	
8			DWg. NO	. U+UUUZ-IN	CHK: J. LACKEY DATE 03-02-04 REVISION 3	

No. 51737

STATE OF

STATE OF

ORIDA

ONAL ENGINE

oroduc (REVISIO) as complying with the Florida isolding Code
Acceptance No 18-1075.17
Expiration Date

