

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

# NOTICE OF ACCEPTANCE (NOA)

11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786) 315-2590 F (786) 315-2599

PRODUCT CONTROL SECTION

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" (O-Sx-Sx-O) and Series "310" (So-Sx-Sx-So) and (So-Sx) Aluminum Automatic Sliding Door (Steel Reinforced) w/ Breakout-LMI

APPROVAL DOCUMENT: Drawing No. 040302-L Rev 3, titled "Series 110/310 Large Missile 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 Renewal 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. Series 110 (O-Sx-Sx-O) is rated at DP= +/- 55 PSF w/Fixed Push bar & AR top/bottom Flush bolts w/MS18505 lock, having Max 4-panels (192"Wx104"H unit). 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" Wx104" H with hardware limitations.
- 3. Not approved where water infiltration is required.
- 4. Electrical/ Electronic functions are not part of this approval and to be reviewed by an 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 renews #23-0622.15, consists of this page 1 and evidence pages E-1, E-2, E-3, E-4 & E-5, as well as approval document mentioned above.

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

MIAMI-DADE COUNTY APPROVED

NOA No. 24-0626.02 **Expiration Date: July 15, 2029** Approval Date: August 01, 2024

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. **040302-L Rev 2**, titled "Series 110/310 Large Missile 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 #15-0922.14/#14-0602.05/#12-0801.07/# 09-0624.04)
  - 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) 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 installation diagram of aluminum automatic sliding glass doors, prepared by Hurricane Testing Laboratories, Test Report No(s) HTL- 0322-0908-03 (Sp# 6 &#7), HTL- 0322-0611-03 (Sp # 1 &2), HTL-0322-0119-04 9 (sp#1), 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. Notice of Acceptance No. **14-0423.11** issued to OldCastle Building Envelope (NJ) for" Stronglass laminated glass: Saflex-CP composite glass interlayer w/ PETcore", expiring on 10/11/18.
- 2. 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. Addendum letter dated 06-12-08, issued by Hurricane Testing lab, signed and sealed by Vinu Abraham, P. E.
- 3. Lab compliance as part of the above referenced test report.

#### G. OTHER

- 1. This NOA revises & renews #14-0602.05, expiring 07/15/23.
- 2. Evidence submitted under previous approvals (#17-0828.07).

## A. DRAWINGS

1. None.

## B. TESTS

1. None.

Ishaq 1. Chank

## NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- 2. Evidence submitted under previous approvals (continue):
- C. CALCULATIONS
  - 1. None
- D. QUALITY ASSURANCE
  - 1. Miami Dade Department of Regulatory and Economic Resources (RER).

## E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. **14-0423.11** issued to OldCastle Building Envelope (NJ) for" Stronglass laminated glass: Saflex-CP composite glass interlayer w/ PETcore", expiring on 10/11/18.
- 2. 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 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 # 15-0922.14, expiring 07/15/2023.
- 3. Evidence submitted under previous approval

## A. DRAWINGS

1. Drawing No. **040302-L Rev 3**, titled "Series 110/310 Large Missile 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. Notice of Acceptance No. **18-0611.01** issued to OldCastle Building Envelope (NJ) for" Stromglass laminated glass: Saflex-CP composite glass interlayer w/ PETcore", expiring on 11/11/23.

## F. STATEMENTS (submitted under #17-0828.07)

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 # 17-0828.07, expiring 07/15/2023.

Ishaq I. Chank

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 24-0626.02
Expiration Date: July 15, 2029
Approval Date: August 01, 2024

### NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

# 4. Evidence submitted under previous approval

#### A. DRAWINGS

1. Drawing No. **040302-L Rev 3**, titled "Series 110/310 Large Missile 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.

## 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. Notice of Acceptance No. **18-0611.01** issued to OldCastle Building Envelope (NJ) for" Stromglass laminated glass: Saflex-CP composite glass interlayer w/ PETcore", expiring on 11/11/23.

## 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. 13, expiring 07/15/2023.

Ishaq 1. Chank

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 24-0626.02
Expiration Date: July 15, 2029
Approval Date: August 01, 2024

### NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

# 5. Evidence submitted under previous approval

#### A. DRAWINGS

1. Drawing No. **040302-L Rev 3**, titled "Series 110/310 Large Missile 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.

## 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. Notice of Acceptance No. **18-0611.01** issued to OldCastle Building Envelope (NJ) for" Stromglass laminated glass: Saflex-CP composite glass interlayer w/ PETcore", expiring on 11/11/23.

#### F. STATEMENTS

- 1. Statement letters of conformance to FBC 2023 (8th Edition) & "No financial interest" dated 06/23/23, prepared, signed and sealed by John E. Scates, P.E.
- 2. 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 & renews NOA # 20-0915.09, updates FBC 2023, expiring 07/15/2028.

Ishaq 1. Chand

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 24-0626.02
Expiration Date: July 15, 2029
Approval Date: August 01, 2024

#### NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

#### 6. New Evidence submitted

#### A. DRAWINGS

1. Drawing No. **040302-L Rev 3**, titled "Series 110/310 Large Missile 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.

#### 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. Notice of Acceptance No. **23-0713.04** issued to OldCastle Building Envelope (NJ) for"Stromglass laminated glass: Saflex-CP composite glass interlayer w/ PETcore", expiring on 12/11/28.

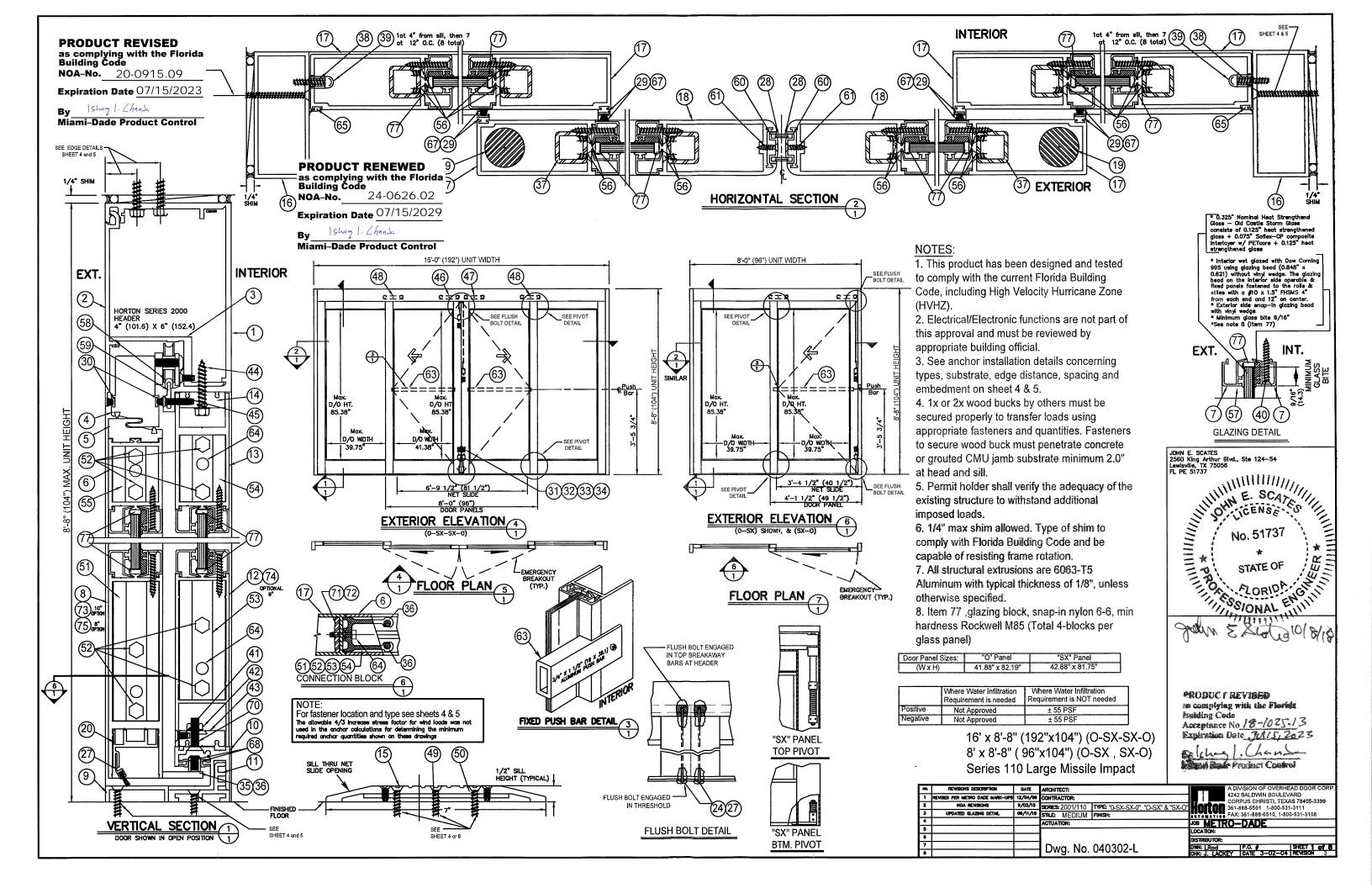
#### F. STATEMENTS

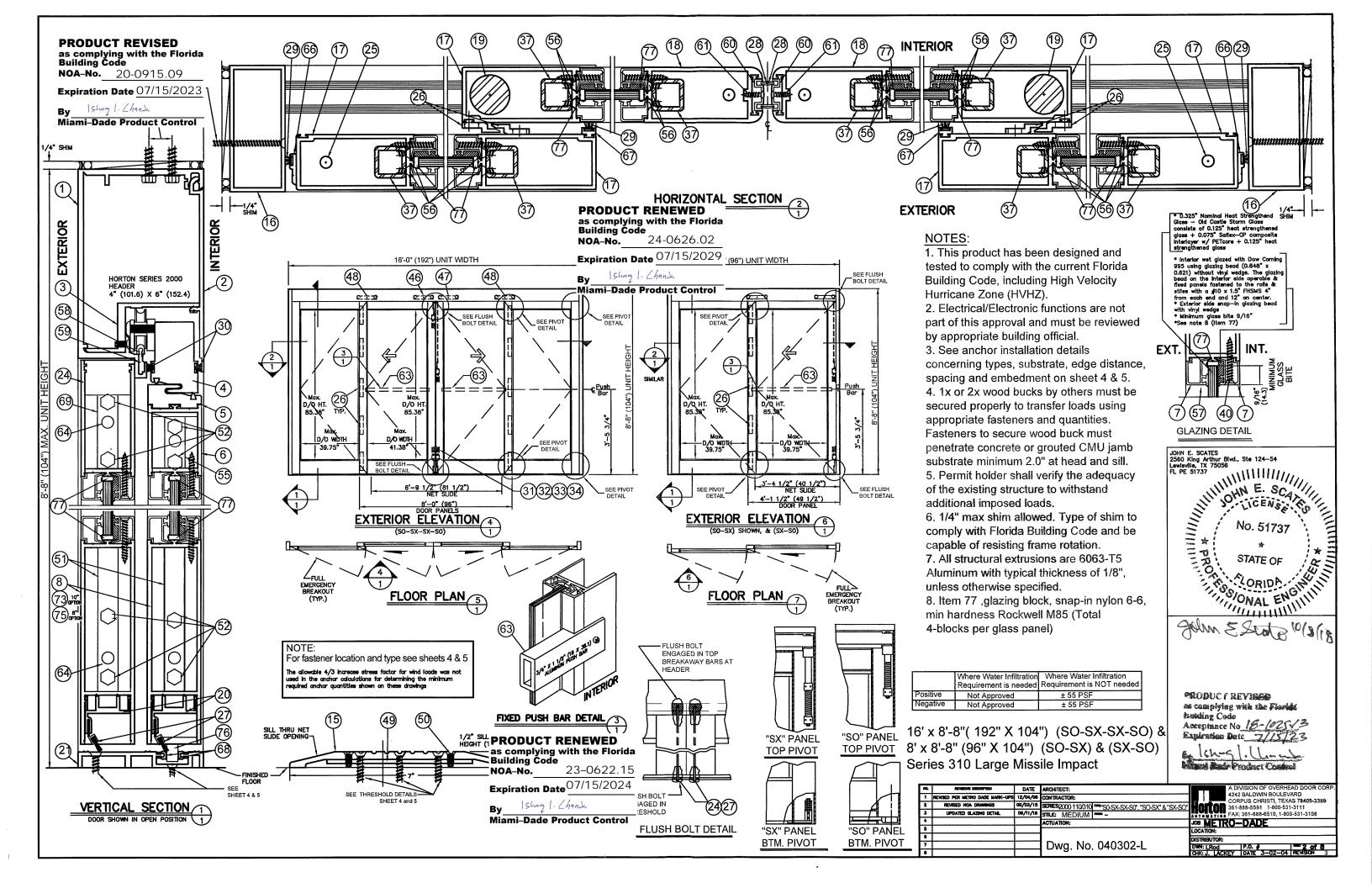
- 1. Statement letters of conformance to FBC 2023 (8th Edition) & "No financial interest" dated 07/22/24, prepared, signed and sealed by John E. Scates, P.E.
- 2. Statement letters of conformance to FBC 2023 (8th Edition) & "No financial interest" dated 06/23/23, prepared, signed and sealed by John E. Scates, P.E.

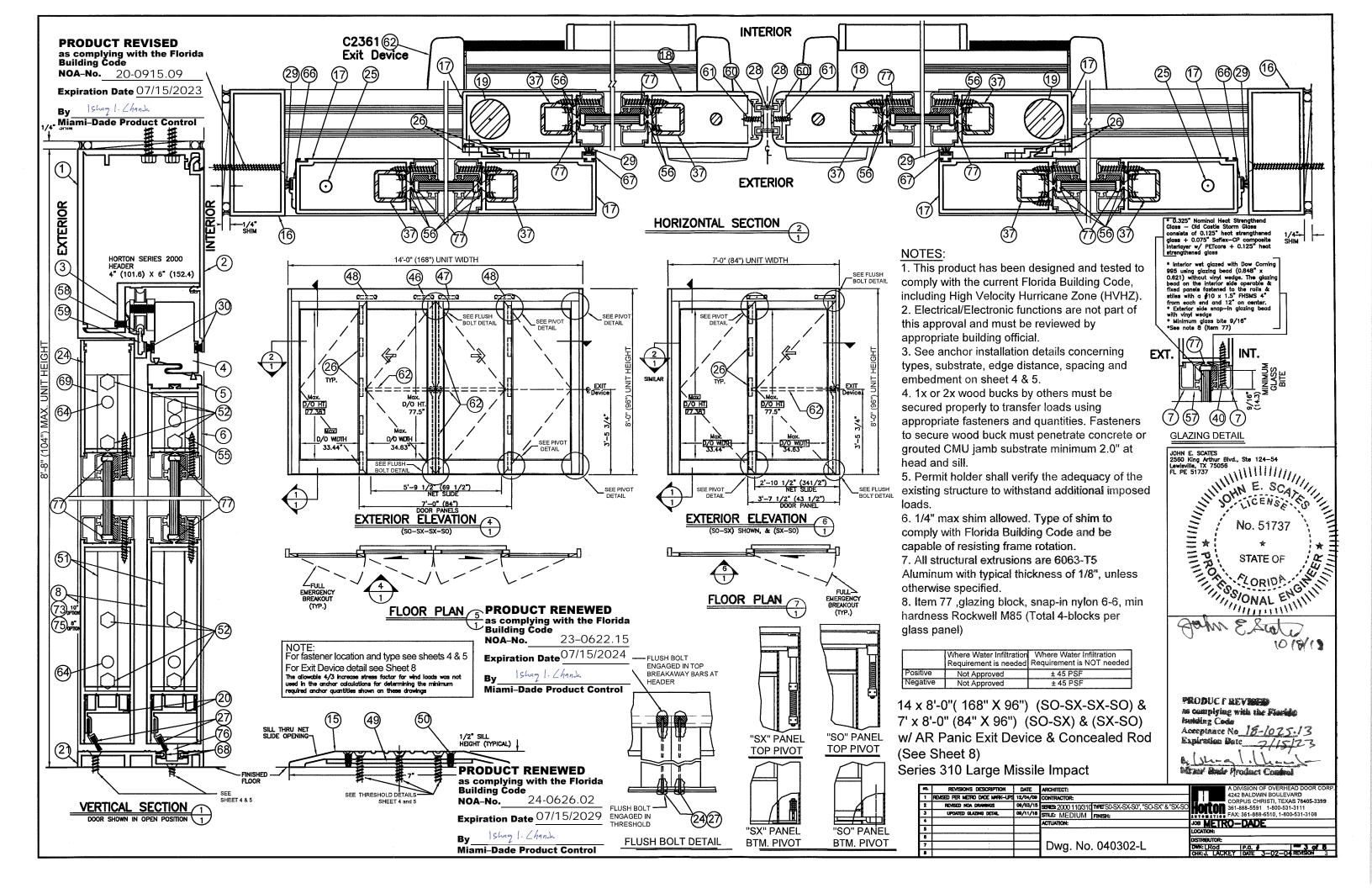
#### G. OTHER

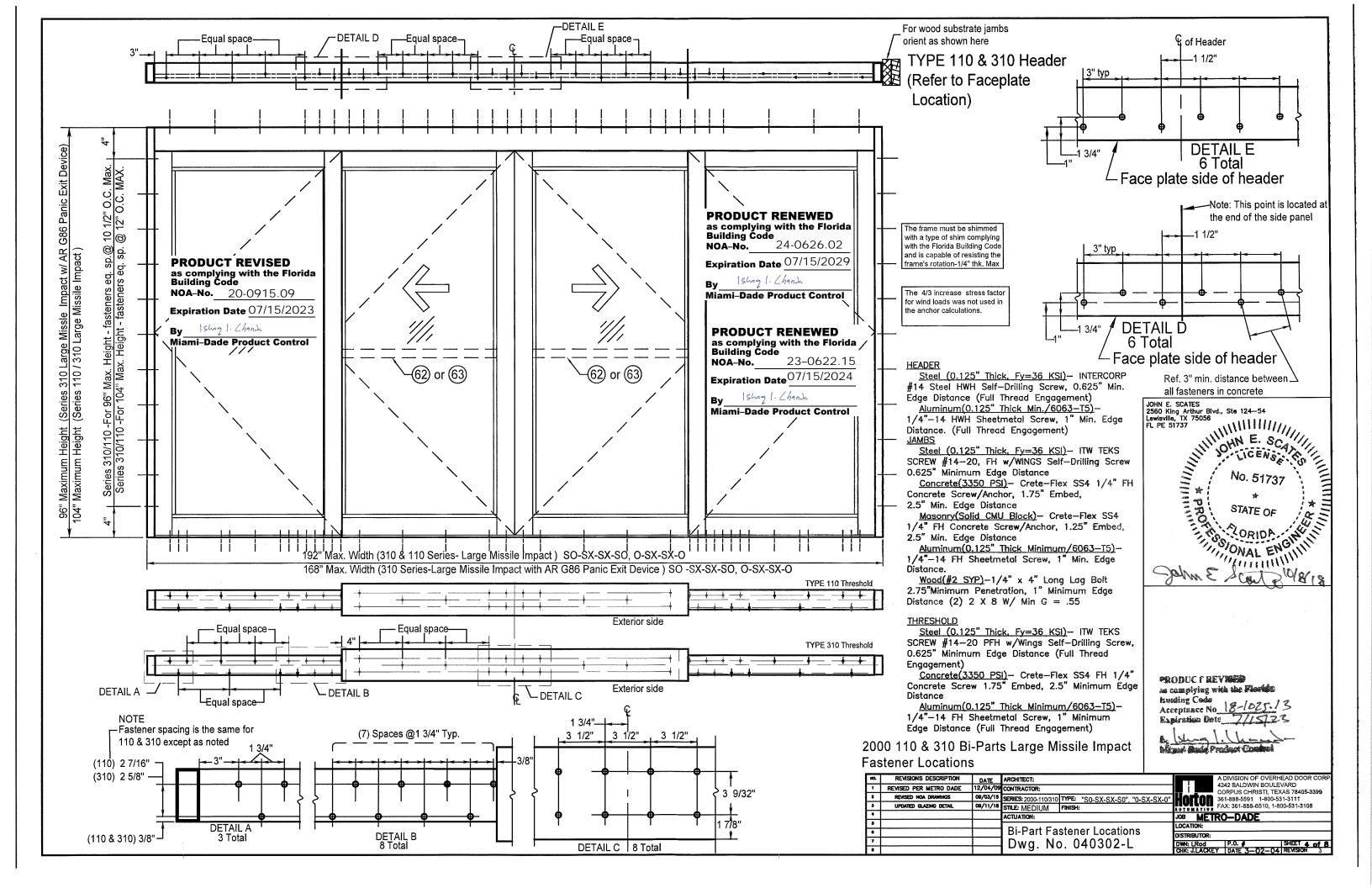
1. This NOA renews NOA # 23-0622.15, expiring 07/15/2029.

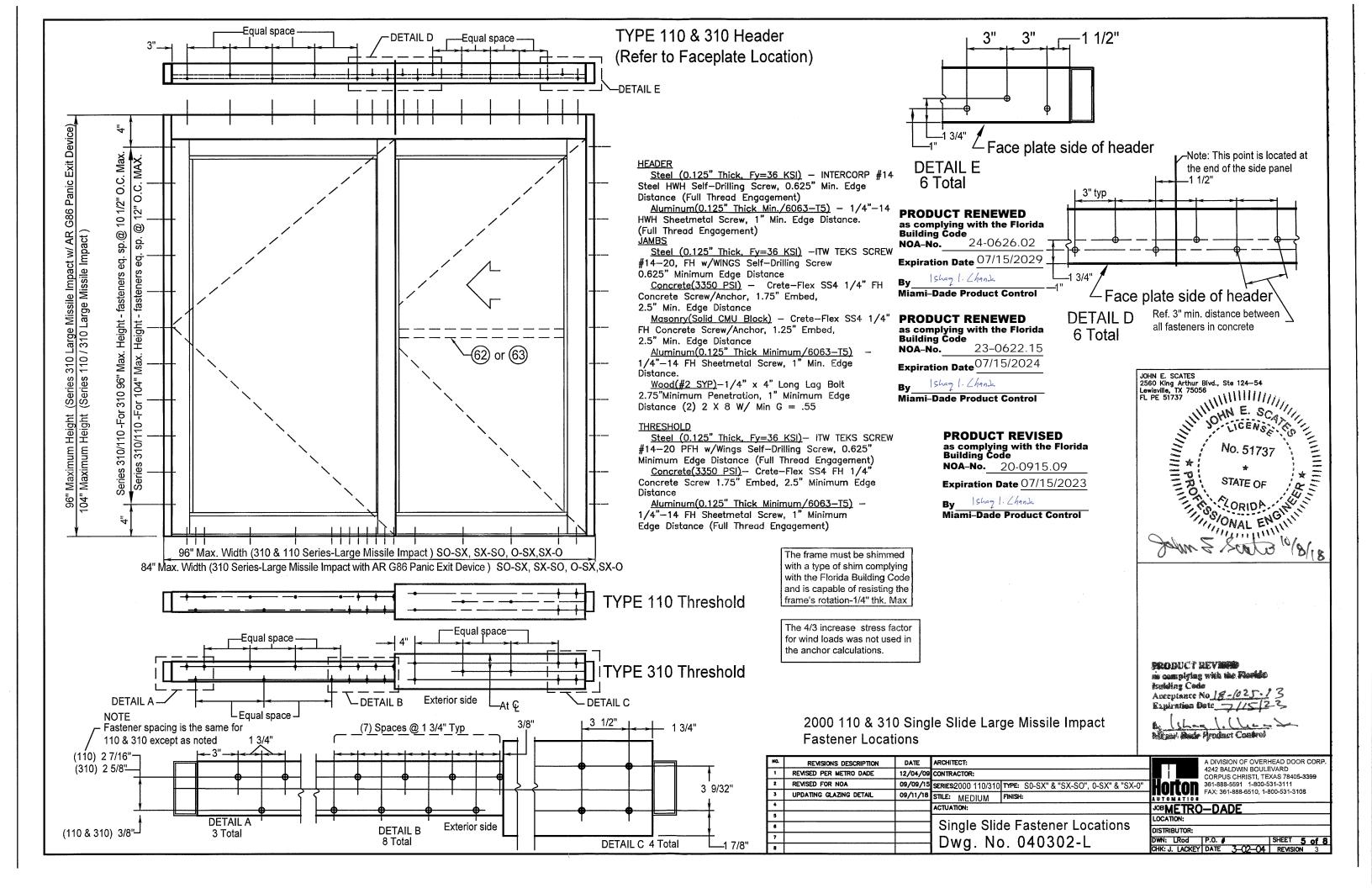
Ishaq I. Chank











ITEM#	HORTON PART NUMBER						
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: JAMB TUBE 4" X 1-3/4"					
17	C00323.0000	ALUMINUM EXTRUSION: VERTICAL RAIL					
18	C00323.0000	ALUMINUM EXTRUSION: VERTICAL RAIL					
19	C00303.0000 C00818.000R	BAR TORSION (serves as slide panel top pivot)					
20	C02798.0001	ALUMINUM EXTRUSION: ADAPTOR					
21		THRESHOLD					
	C02873.0000 C00379.001ABC	GLASS STOP					
22							
23	C00338.000R	GLASS STOP					
24	C00343.001R	ALUMINUM EXTRUSION; HORIZONTAL RAIL					
25	C00589.0000	PIVOT					
26	C00888.002AB	CLIP INTERLOCK					
27	C00524.00FL	WEATHERSEAL BRUSH Felton #490621					
28	C00350.0000	NOSING SEAL SCHLEGEL #1104-5101					
29	C00397.0000	ADAPTOR FOR ITEM 67					
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	EXIT INDICATOR AR 4089					
34	C00883.0000	THRESHOLD 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 1"x1"x1/8" A500 (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 BOLT					
50	C00437.0000	#10-24 X 1/2" FHMS					

**PRODUCT RENEWED NOA-No.** 24-0626.02

Expiration Date 07/15/2029

Ishaq 1. Chands

Miami-Dade Product Control

**PRODUCT RENEWED** as complying with the Florida
Building Code

A COLOR OF BUILDING CODE

BUILDING C 23-0622.15 NOA-No.

Expiration Date 0.7/15/2024

Ву Miami-Dade Product Control

**PRODUCT REVISED** as complying with the Florida Building Code **NOA-No.** 20-0915.09

Expiration Date 07/15/2023

Ishag 1. Chands Miami-Dade Product Control

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 2 EACH AT EVERY 12"				
57	C00341.0001	VINYL GLAZING BULB				
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	EXIT DEVICE ADAM'S RITE G86H W/ CONCEALED ROD				
63	C00278.001ABC	FIXED PUSHBAR; ALUMINUM TUBE				
64	C09719.0000	3/8-16 ALL THREAD THRU BOLT IN ALL HORIZONTALS				
65	C00371.000R	WEATHERSTRIP; PANEL TO JAMB				
66	C00398.0000	ALUMINUM EXTRUSION; MOHAIR ADAPTOR				
67	C00389.00FL	ADAPTER FOR ITEM 29				
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/C02967.0002	ALUMINUM EXTRUSION:BOTTOM RAIL 10"				
74	C00345.005AB	ALUMINUM EXTRUSION:BOTTOM RAIL 9"				
75	C02797.000AB	ALUMINUM EXTRUSION:BOTTOM RAIL 8"				
76	C00852.0004	BOTTOM GUIDE DOOR MOUNTED				
77	C00552.0003	GLAZING BLOCK, SNAP-IN NYLON 6-6 MIN HARDNESS ROCKWE	ELL M85			
EATHE	RSEALS:		JOHN E. SCATES 2560 King Arthur Blvd., Ste 124-54 Lewisville, TX 75056 FL PE 51737			

C00693.0003

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

CORNER BLOCK

HARDWARE:

ADAMS-RITE #MS1850S-250-628 C454 MAX SECURITY LOCK C463 **THUMBTURN** ADAMS-RITE #4066

C487 **EXIT INDICATOR** ADAMS-RITE #4089 C883 ADAMS-RITE #4015 THRESHOLD BOLT

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

C843-1FL & C844-1FL BOTTOM GUIDES

Series 310 / 110 Large Missile Impact

NO.	REVISIONS DESCRIPTION		ARCHITECT:	
1	reased fer neiro dace nark-ufs			
	FEXISED FER NON DRIVANGS	09/02/15	SERIES: 2000 110/310 "SOSX-SX-SO", "O-SX-SX-O", "O-SX" & "SX-O"	Į
3	UPDATED GLAZING DEDAL	09/11/18	STILE: MEDIUM FINISH:	
4			ACTUATION: JO	ō
5			Dill of motorials	ō
6			Bill of materials	iis
7			Dwg. No. 040302-L	
8			DWG. NO. 040302-L 6	æ

No. 51737

STATE OF

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ONAL ENGINE

ONA 10/8/18

> PRODUCT REVES as complying with the Florida Acceptance No 18-1025-13 Expiration Date 7/15123 Wa au' Bode Privauct Control

4242 BALDWIN BOULEVARD CORPUS CHRISTI, TEXAS 78405-3399 361-888-5591 1-800-531-3111 AX: 361-888-6510, 1-800-531-3108

