

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" (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 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. 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" Wx 104" 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 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 #18-1025.13, consists of this page 1 and 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. 20-0915.09 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-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), 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 (5th 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 "Stromglass 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^{TM 121}-67W175 thermoplastic, extruded by Central Chemical Inc.

F. STATEMENTS

- 1. Statement letter of conformance to FBC 2014(5th 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 I. Chands

Ishaq I. Chanda, P.E. Product Control Unit Supervisor NOA No. 20-0915.09

Expiration Date: July 15, 2023 Approval Date: December 23, 2020

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 "Stromglass 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^{TM 121}-67W175 thermoplastic, extruded by Central Chemical Inc.
- F. STATEMENTS
 - 1. Statement letters of conformance to FBC 2017(**6th** Edition) & FBC 2014 (5th 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 "Stronglass 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 (5th 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. Chands

Ishaq I. Chanda, P.E. Product Control Unit Supervisor NOA No. 20-0915.09

Expiration Date: July 15, 2023 Approval Date: December 23, 2020

Horton Automatics Division of Overhead Door

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. 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. **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.

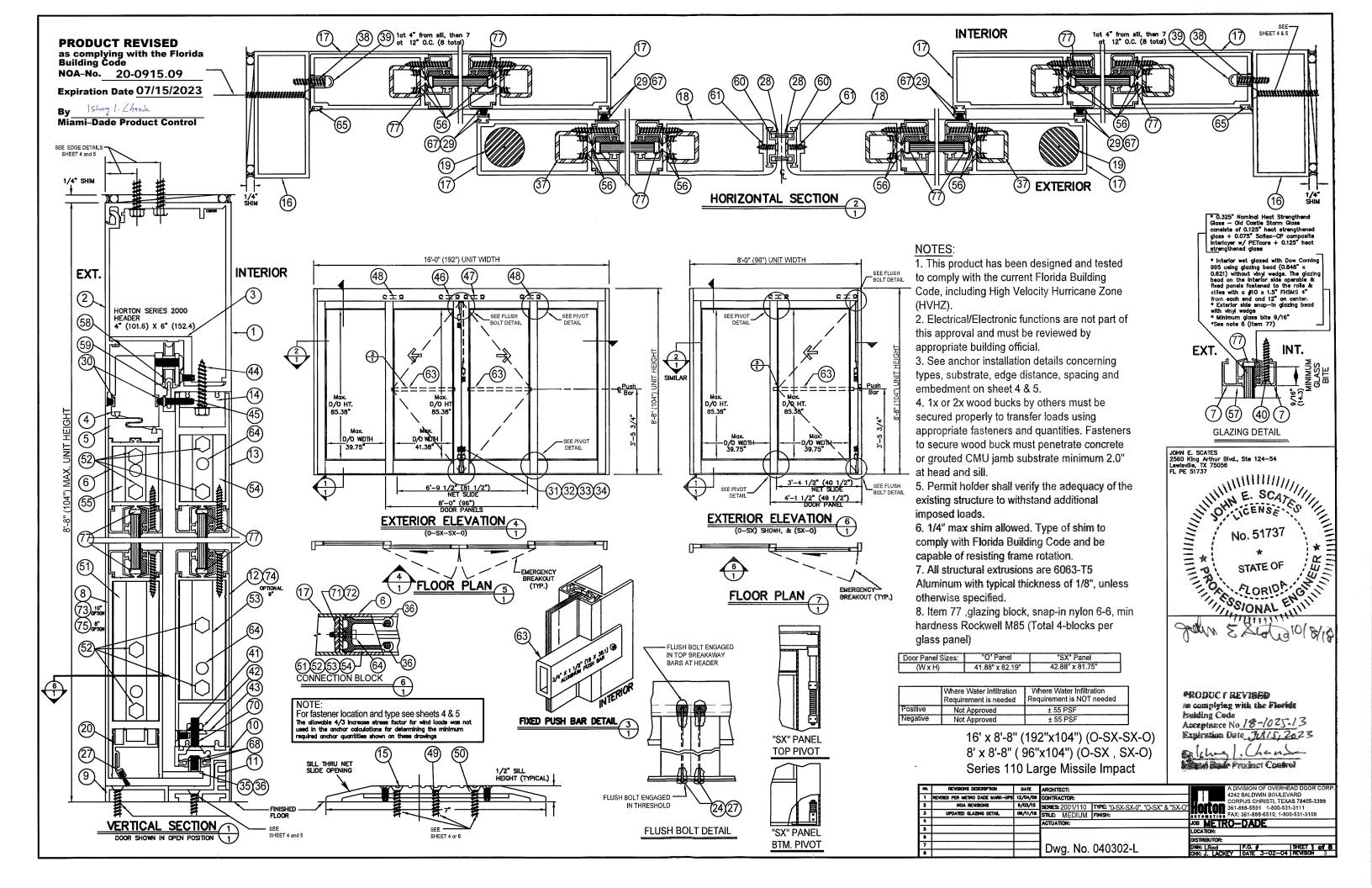
F. STATEMENTS

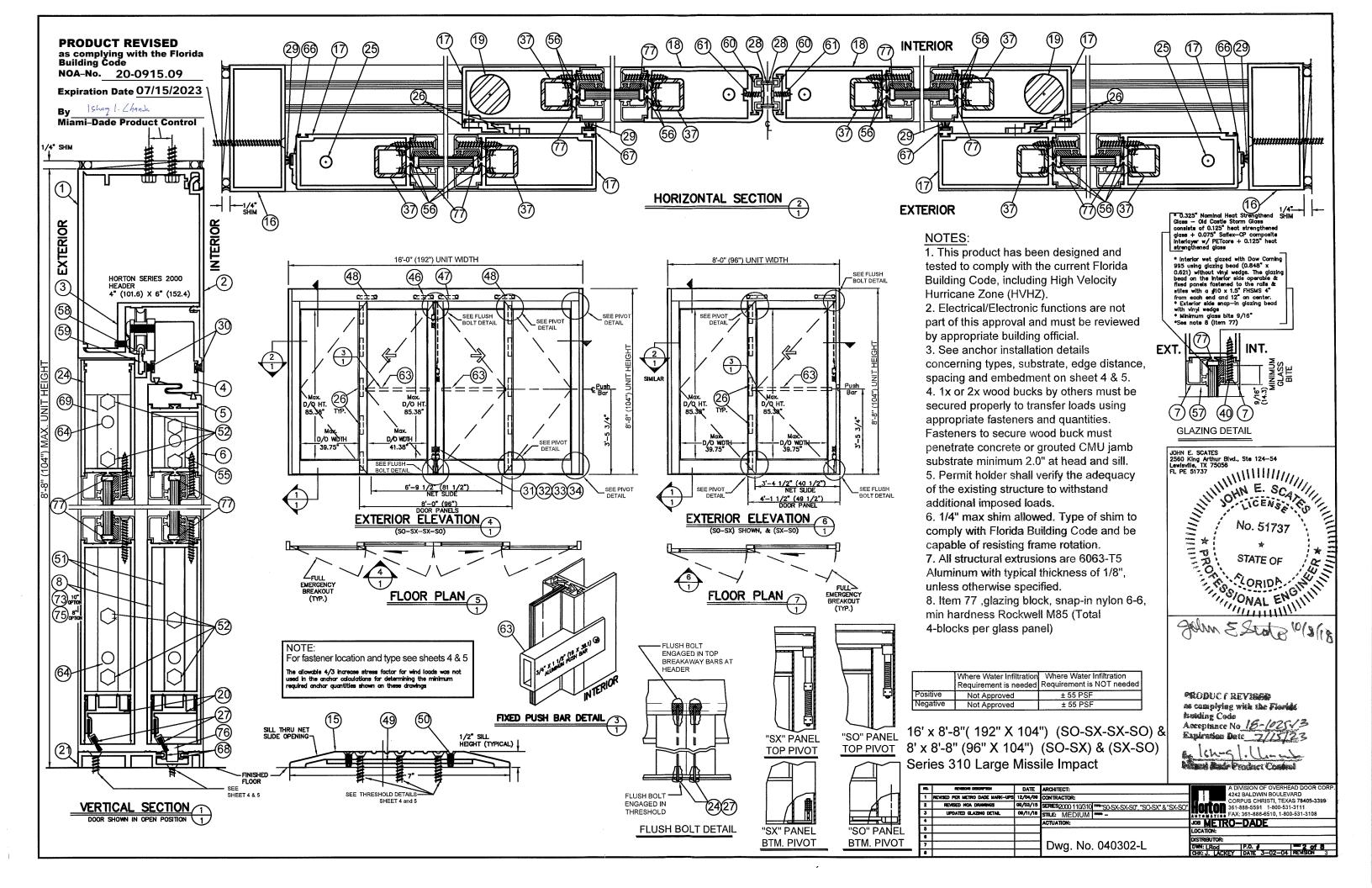
1. Statement letters of conformance to FBC 2020 (7th Edition) & "NO financial interest" dated 08/28/20, prepared, signed and sealed by John E. Scates, P.E.

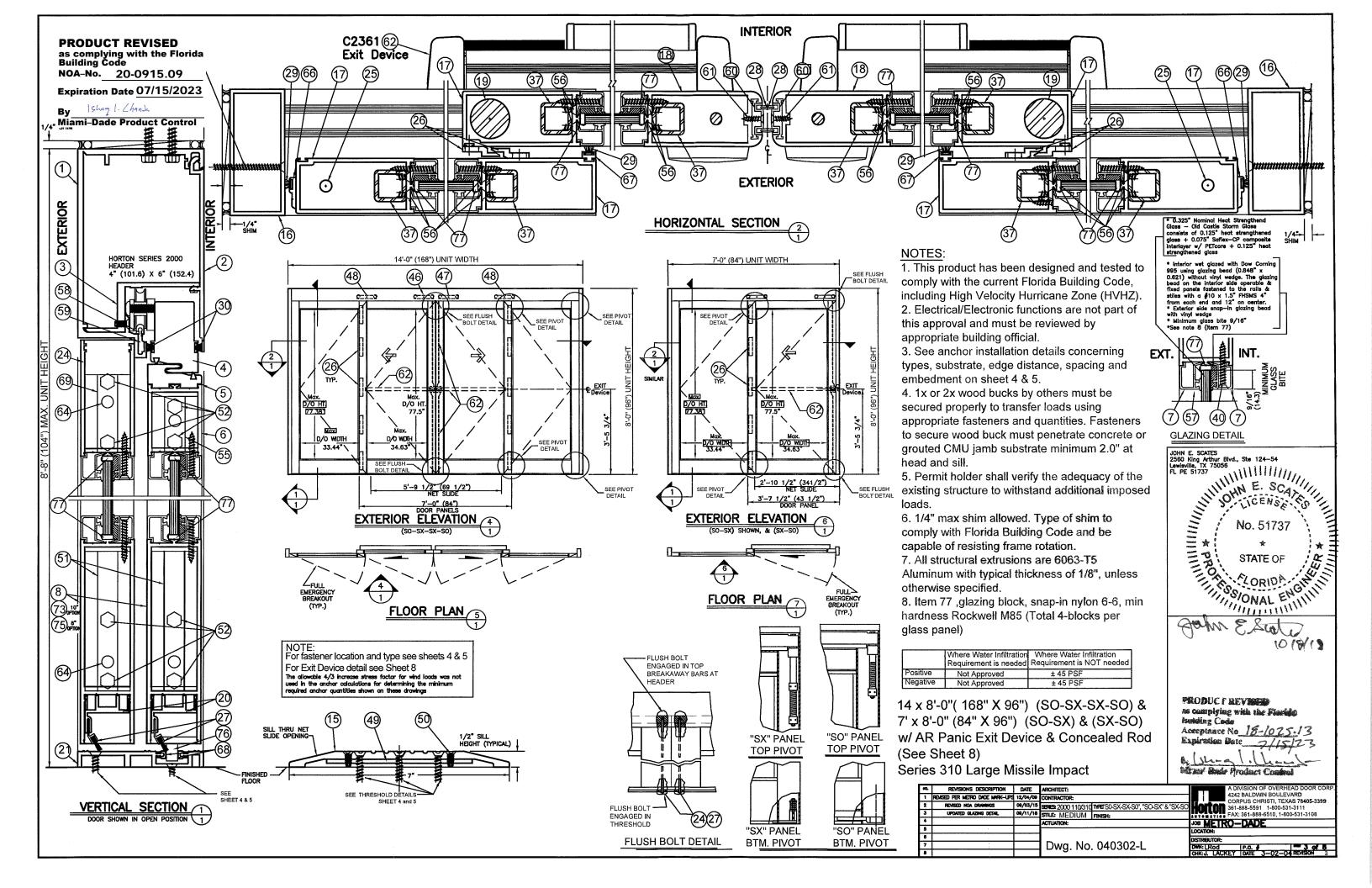
G. OTHER

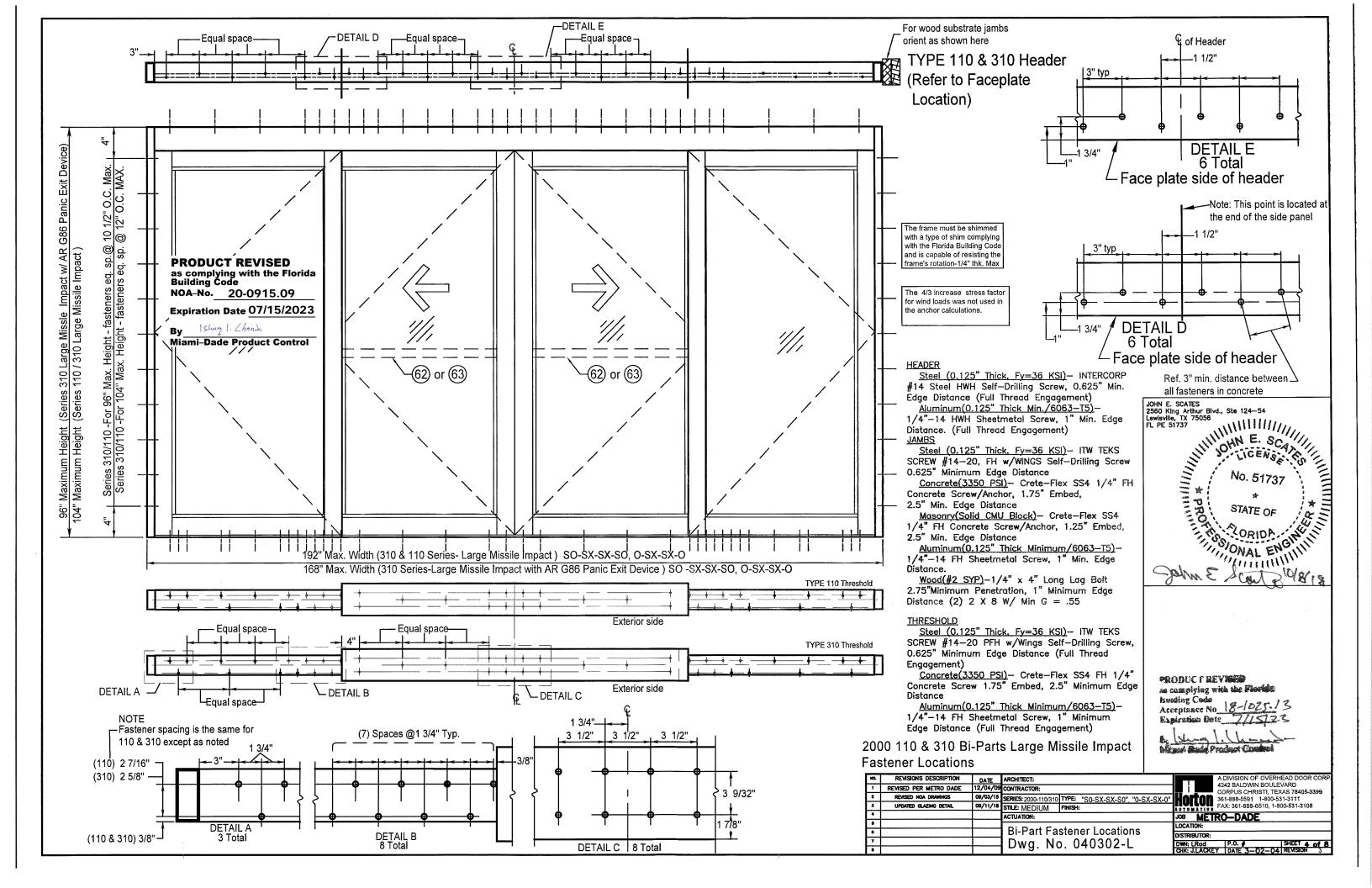
1. This NOA revises NOA # 18-1025. 13, expiring 07/15/2023.

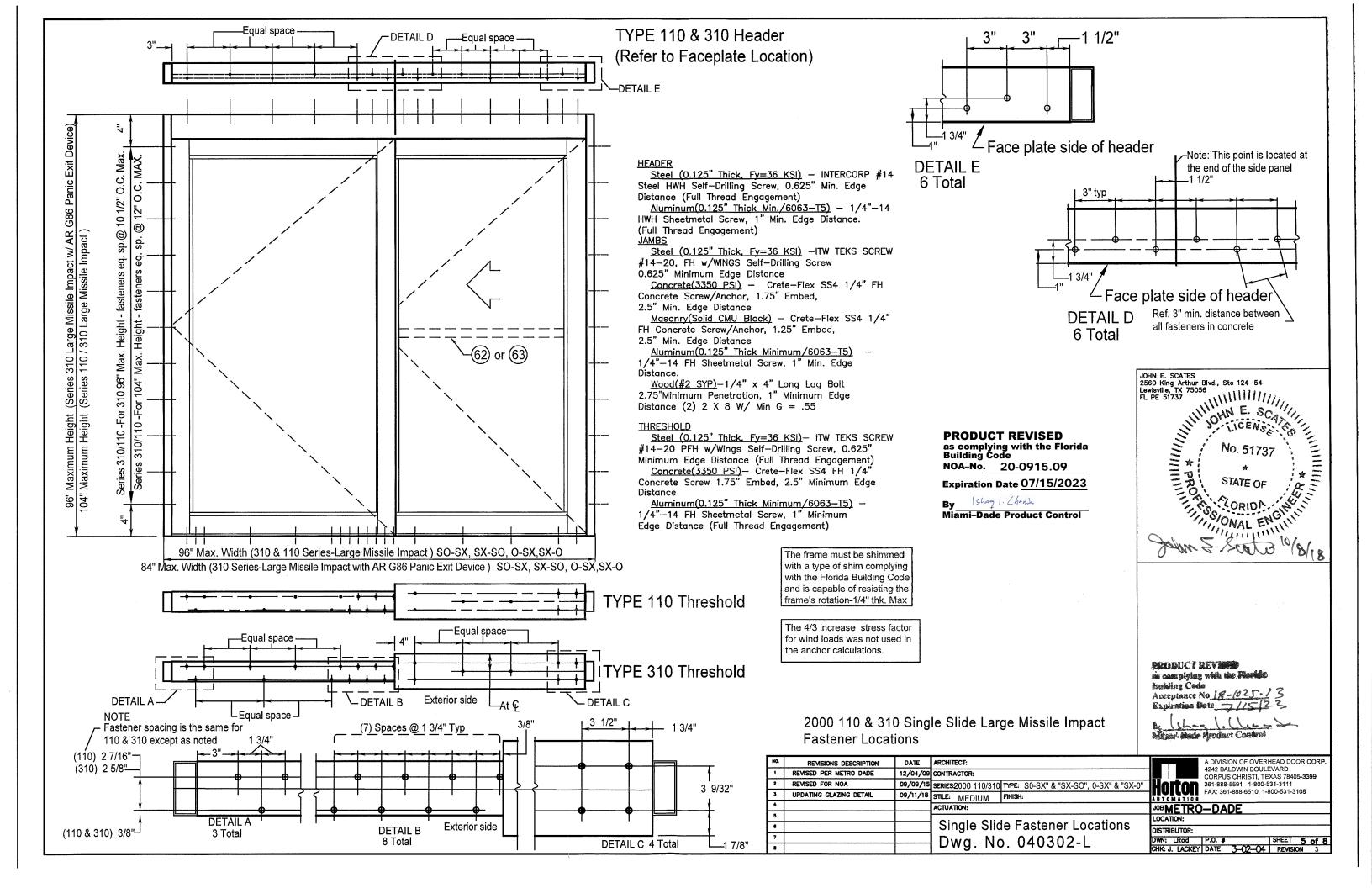
Ishaq I. Chands











ITEM#	THORTON 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: INTERCOCK COWER		
7	C00370.0001	ALUMINUM EXTRUSION: TOP KAIL ALUMINUM EXTRUSION: GLASS STOP		
8	C00283.0000	ALUMINUM EXTRUSION:BOTTOM RAIL		
9	C00315.0000	ALUMINUM EXTRUSION:TRACK FILLER		
10	C00319.0000			
11	C00336.0001	ALUMINUM EXTRUSION: BOTTOM GUIDE ALUMINUM EXTRUSION: ADAPTOR		
12	C00386.0001			
13	C00342.04FL C02801.000AB	ALUMINUM EXTRUSION: BOTTOM RAIL		
		ALUMINUM EXTRUSION: HORIZONTAL RAIL		
14	C02899.0002	ALUMINUM EXTRUSION: TURESHOLD 7"		
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	C00363.0000	ALUMINUM EXTRUSION: VERTICAL RAIL		
19	C00818.000R	BAR TORSION (serves as slide panel top pivot)		
20	C02798.0001	ALUMINUM EXTRUSION: ADAPTOR		
21	C02873.0000	THRESHOLD		
22	C00379.001ABC	GLASS STOP		
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 BOLTS		
50	C00437.0000	#10-24 X 1/2" FHMS		

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

Expiration Date 07/15/2023

By Ishag I. Chank
Miami-Dade Product Control

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 2 EACH AT EVERY 12"
57	C00341.0001	VINYL GLAZING BULB
58	C00291.0001	TRACK CAP
59	C00291.0001 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	C02381.0000	FIXED PUSHBAR; ALUMINUM TUBE
64	C09719.0000	3/8-16 ALL THREAD THRU BOLT IN ALL HORIZONTALS
	C00371.000R	WEATHERSTRIP; PANEL TO JAMB
65		
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		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 ROCKWELL M85

WEATHERSEALS:

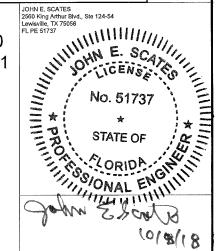
C389-FL INTERLOCK SEAL SCHLEGEL CORP. FINSEAL #7595-6011-0
C350 NOSING SEAL SCHLEGEL CORP. SKIRTING SEAL#1104-5101
C524-FL SLIDE PANEL BOTTOM SEAL FELTON NYLON BRISTLE #490621
C293 SLIDE PANEL TOP SEAL SCHLEGEL #8430-5016-7

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

Series 310 / 110 Large Missile Impact

NO.	REVISIONS DESCRIPTION	DATE		ARCHITECT:
1	revised fer meiro dade mark-ufs			
2	revised fer non drivings	09/02/	15	SERRES 2000 110/310 "SOSX-SX-SO", "O-SX-SX-O", "O-SX" & "SX-O
3	UPDATED GLAZING DETAIL	09/11/	18	STILE: MEDIUM FINISH:
4				ACTUATION:
5				Dill of westerials
6				Bill of materials
7				1 Dura No 040202 I
8				Dwg. No. 040302-L



examplying with the Florida
is stating Code
Acceptance No 18-1075-13
Expiration Date 7/1577-3

B. Share I. Land

A DIVISION OF OVERHEAD DOOR CORP.
4242 BALDWIN BOULEVARD
CORPUS CHRISTI, TEXAS 78405-3399
361-888-5591 1-800-531-3111
FAX: 361-888-550, 1-800-531-3108
JOB METRO—DADE
LOCATION:
DISTRIBUTOR:
DWN: LROd P.O. SHEET 6 of 8
CHK: J. LACKEY DATE 3-02-04 REVISION 3

