

QuikServ Corp. 11441 Brittonway Park Drive Houston, TX 77240

SCOPE: This NOA is being issued under the applicable rules and regulations governing the use of construction materials... This NOA shall not be used after the expiration date stated below... This NOA shall not be used after the expiration date stated below... This NOA shall not be used after the expiration date stated below...

DESCRIPTION: Series "Commercial" Aluminum Pass-Through Horizontal Sliding Window - L.M.L. APPROVAL DOCUMENT: Drawing No. 17-480, titled "Commercial Pass-Thru Horizontal Sliding Windows - Large Missile Impact Resistant"...

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, 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... 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 manufacturer of the product or process...

ADVERTISEMENT: The NOA number preceded by the words Miami Dade County, Florida, and followed by the expiration date may be displayed in advertising literature... EXPIRATION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributor and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA No. 15-0316.03 and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval documents mentioned above. The attached documentation was reviewed by Manuel Perez, P.E.

NOA No. 17-4703.03 Expiration Date: March 25, 2019 Approval Date: September 07, 2017 Page 1

QuikServ Corp. NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

I. EVIDENCE SUBMITTED UNDER PREVIOUS NOA'S A. DRAWINGS 1. Manufacturer's file drawings and sections. (Submitted under NOA No. 08-1216.04) 2. Drawing No. 15-016, titled "Commercial Pass-Thru Windows - Large Missile Impact Resistant", sheets 1 thru 14 of 14, dated 03/11/15, with revision # 1 dated 03/11/15, prepared by Tiltco, Inc., signed and sealed by Walter A. Tilt, Jr., P.E.

B. TESTS 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 203-94 5) Cyclic Wind Pressure Loading per FBC, TAS 202-94 6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94 along with marked-up drawings and installation diagram of an aluminum horizontal sliding window, prepared by Architectural Testing, Inc., Test Report No. ATI-85482.01-801-18, dated 12/01/08, signed and sealed by Joseph A. Reed, P.E. (Submitted under NOA No. 08-1216.04)

C. CALCULATIONS 1. Anchor verification calculations and structural analysis, complying with FBC 5th Edition (2014), prepared by Tiltco, Inc., dated 03/11/15, signed and sealed by Walter A. Tilt, Jr., P.E. 2. Glazing complies with ASTM A4300-04/09

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

E. MATERIAL CERTIFICATIONS 1. Notice of Acceptance No. 14-0423.16 issued to Eastman Chemical Company (MA) for their "Saflex HP Clear or Color Glass Interlayers" dated 06/19/14, expiring on 04/14/18. 2. Material Safety Data Sheet of MSDS-17 High Density Polyethylene, dated 09/11/08 and issued by Quadant Engineering Plastic Products USA, Inc., the latest revision dated 09/01/10 by M. Lytton.

Manuel Perez, P.E. Product Control Examiner NOA No. 17-4703.03 Expiration Date: March 25, 2019 Approval Date: September 07, 2017

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F. STATEMENTS 1. Statement letter of conformance, complying with FBC 5th Edition (2014), dated 03/12/15, signed and sealed by Walter A. Tilt, Jr., P.E. 2. Department of State Certification of QuikServ Corporation as a foreign profit corporation, active and organized under the laws of the State of Florida, dated 01/13/15 and e-filed by the Secretary of State. 3. Statement letter of conformance, complying with FBC-2010, dated 08/05/13, signed and sealed by Walter A. Tilt, Jr., P.E. (Submitted under NOA No. 13-1263.09)

4. Department of State Certification of QuikServ Corp. as a For-Profit Corporation, active and organized under the laws of the State of Texas, dated 01/07/14 and e-filed by the Secretary of State. (Submitted under NOA No. 08-1216.04) 5. Statement letter of no financial interest, dated 08/05/13, signed and sealed by Walter A. Tilt, Jr., P.E. (Submitted under NOA No. 08-1216.04) 6. Department of State Certification of QuikServ Corp. as a For-Profit Corporation, active and organized under the laws of the State of Texas, dated 07/15/08, filed and signed by Phil Wilson, Secretary of State. (Submitted under NOA No. 08-1216.04) 7. Laboratory addendum letter for Test Report No. ATI-85482.01-801-18, issued by Architectural Testing, Inc., dated 02/16/09, signed and sealed by Joseph A. Reed, P.E. (Submitted under NOA No. 08-1216.04) 8. Laboratory compliance letter for Test Report No. ATI-85482.01-801-18, issued by Architectural Testing, Inc., dated 12/05/08, signed and sealed by Joseph A. Reed, P.E. (Submitted under NOA No. 08-1216.04)

G. OTHERS 1. Notice of Acceptance No. 13-1263.09, issued to QuikServ Corp. for their Series "Impact Pass-Thru Horizontal Sliding Aluminum Pass-Through Window - L.M.L.", approved on 02/13/14 and expiring on 05/25/19.

Manuel Perez, P.E. Product Control Examiner NOA No. 17-4703.03 Expiration Date: March 25, 2019 Approval Date: September 07, 2017

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2. NEW EVIDENCE SUBMITTED A. DRAWINGS 1. Drawing No. 17-080, titled "Commercial Pass-Thru Horizontal Sliding Windows - Large Missile Impact Resistant", sheets 1 thru 14 of 14, dated 02/17/17, with revision # 2 dated 11/02/17, prepared by Tiltco, Inc., signed and sealed by Walter A. Tilt, Jr., 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. 14-0423.15 issued to Eastman Chemical Company (MA) for their "Saflex CP - Saflex and Saflex HP Composite Glass Interlayers with PET Core" dated 06/19/14, expiring on 12/11/18.

F. STATEMENTS 1. Statement letter of conformance, complying with FBC 5th Edition (2014) and FBC 6th Edition (2017), dated July 17, 2017, issued by Tiltco, Inc., signed and sealed by Walter A. Tilt, Jr., P.E.

G. OTHERS 1. Notice of Acceptance No. 15-0316.03, issued to QuikServ Corp. for their Series "Commercial" Aluminum Pass-Through Horizontal Sliding Window - L.M.L., approved on 04/09/15 and expiring on 03/25/19.

Manuel Perez, P.E. Product Control Examiner NOA No. 17-4703.03 Expiration Date: March 25, 2019 Approval Date: September 07, 2017

GENERAL NOTES: 1. COMMERCIAL PASS-THRU HORIZONTAL SLIDING WINDOW, LARGE MISSILE IMPACT RESISTANT, SHOWN ON THIS PRODUCT APPROVAL DOCUMENT (P.A.D.) HAVE BEEN VERIFIED FOR COMPLIANCE IN ACCORDANCE WITH THE 2017 (6th EDITION) OF THE FLORIDA BUILDING CODE. COMMERCIAL PASS-THRU HORIZONTAL SLIDING WINDOWS, LARGE MISSILE IMPACT RESISTANT, MAY BE INSTALLED AT NON VERTICAL HORIZONTAL ANGLES.

DESIGN WIND LOADS SHALL BE DETERMINED AS PER SECTION 1609 OF THE ABOVE MENTIONED CODE. DESIGN WIND SPEED SHALL BE 140 MPH (AS SET) FOR CATEGORY OF THE FLORIDA BUILDING CODE, AND SHALL NOT EXCEED THE MAXIMUM (AS SET) DESIGN PRESSURE WINDING INDICATED ON NOTE 3. IN ORDER TO VERIFY THE ABOVE DESIGN WIND LOADS, DESIGN WIND LOADS DETERMINED PER NOTE 3 SHALL BE FIRST REDUCED TO A.S.D. DESIGN WIND LOADS BY MULTIPLYING THEM BY 0.5 IN ORDER TO COMPARE THESE AT MAX. (AS SET) DESIGN WIND SPEED INDICATED ON NOTE 3.

IN ORDER TO VERIFY THAT ARCHES ON THE P.A.D. AS NOTED, WERE NOT UNDERSIGNED, A USE PROPOSED IN ALUMINUM FRAMES FOR WIND LOADS SHALL BE 30 PSF. WIND ANALYSIS PARTNERS SPACING TO WOOD HAS BEEN DETERMINED AS ACCORDING WITH N.E.E. 2014. THE WIND ANALYSIS PARTNERS DESIGN WIND SPEED HORIZONTAL SLIDING WINDOW, ACCORDING TO THE DESIGN WIND SPEED HORIZONTAL SLIDING WINDOW, HAS BEEN VERIFIED IN ACCORDANCE WITH SECTION 1609 OF THE ABOVE MENTIONED CODE AS PER PROVISIONS 1609.1 THROUGH 1609.10. THE WIND ANALYSIS PARTNERS DESIGN WIND SPEED HORIZONTAL SLIDING WINDOW, HAS BEEN VERIFIED IN ACCORDANCE WITH SECTION 1609 OF THE ABOVE MENTIONED CODE AS PER PROVISIONS 1609.1 THROUGH 1609.10.

2. MAX. A.S.D. DESIGN PRESSURE RATING FOR THESE COMMERCIAL PASS-THRU HORIZONTAL SLIDING WINDOWS IS: $(F_u) = 80$ P.S.F.

3. THESE COMMERCIAL PASS-THRU HORIZONTAL SLIDING WINDOWS WILL NOT REQUIRE A BULWARK INSTALLATION UNLESS ON INSTALLATIONS UP TO 35 FEET ABOVE GRADE.

4. THESE COMMERCIAL PASS-THRU HORIZONTAL SLIDING WINDOWS ARE APPROVED FOR USE AND WATER PENETRATION.

5. ALL COMPONENTS SHALL BE AS INDICATED ON BILL OF MATERIALS ON SHEET 14 AND COMPONENTS DESCRIPTION ON SHEETS 11 & 12.

6. WOOD BLOCKS BY OTHERS MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE BUILDING STRUCTURE. WOOD BLOCKS MUST BE SOUTHERN PINE, 4" X 4".

7. ALL ALUMINUM IN CONTACT WITH STEELWIRE REINFORCEMENT SHALL COMPLY WITH SECTION 9-B OF THE 2017 ALUMINUM DESIGN MANUAL.

8. ANCHOR NOTES: EMBEDMENT AND EDGE DISTANCE ARE BEYOND ANY FINISH.

(a) TO EXISTING POURED CONCRETE: (MIN. $F_u = 3000$ P.S.F., MIN. EDGE DISTANCE (E.D.) = 3", 1/2" X 1/4" TAPCON ANCHORS W/ 1/4" MAX. EMBEDMENT, AS MANUFACTURED BY IRVINGULCO, INC., 1/2" X 1/4" WOOD BLOCK (IF APPLICABLE).

(b) TO EXISTING A.S.T.M. C-89 CONCRETE BLOCK WITH MIN. EDGE DISTANCE (E.D.) = 2", 1/4" X 1/4" TAPCON ANCHORS W/ 1/4" MAX. EMBEDMENT, AS MANUFACTURED BY IRVINGULCO, INC., THRU 1/2" X 1/4" WOOD BLOCK (IF APPLICABLE).

(c) TO EXISTING 2x4 P.F. WOOD BLOCK WITH MIN. EDGE DISTANCE (E.D.) = 1", 1/4" X 1/4" WOOD SCREWS W/ 3" MIN. THREADS PENETRATION, TO COMPLY W/ 1609.2015.

(d) TO EXISTING MIN. 1/2" THICK ALUMINUM SURT. (E.D.) = 1/4" MIN. EDGE DISTANCE (E.D.) = 1/2", 1/4" X 1/4" TAPCON ANCHORS W/ 1/4" MAX. EMBEDMENT, AS MANUFACTURED BY IRVINGULCO, INC. (E.D.) = 1/2".

(e) TO EXISTING MIN. 18 GAUGE STEEL MEMBER (ASTM A-500 A-550 OR A-553) WITH MIN. EDGE DISTANCE (E.D.) = 1/2".

9. 1/4" X 1/4" WOOD BLOCKS, AS MANUFACTURED BY IRVINGULCO, INC.

10. 1/4" X 1/4" WOOD BLOCKS, AS MANUFACTURED BY IRVINGULCO, INC. WHEN ACTUARY BY THE DRAWING.

SHEET #	DESCRIPTION
1	GENERAL NOTES
2	SECTION WINDOWS EXTERIOR ELEVATIONS
3	SECTION WINDOW TYPE 1 (XO)
4	SECTION WINDOW TYPE 2 (XO)
5	SECTION WINDOW TYPE 3 (XO)
6	SECTION WINDOW TYPE 4 (XO)
7	SECTION WINDOW TYPE 5 (XO)
8	SECTION WINDOW TYPE 6 (XO)
9	SECTION WINDOW TYPE 7 (XO)
10	SECTION WINDOW TYPE 8 (XO)
11	SECTION WINDOW TYPE 9 (XO)
12	SECTION WINDOW TYPE 10 (XO)
13	SECTION WINDOW TYPE 11 (XO)
14	BILL OF MATERIALS

THIS DRAWING SHALL ONLY BE USED TO OBTAIN PERMITS IN THE STATE OF FLORIDA.

WALTER A. TILT, JR. LICENSE No. 44187 STATE OF FLORIDA PROFESSIONAL ENGINEER

IRVINGULCO, INC. COMMERCIAL PASS-THRU HORIZONTAL SLIDING WINDOWS LARGE MISSILE IMPACT RESISTANT

QUIKSERV CORP. 11441 BRITTONWAY PARK DRIVE HOUSTON, TX 77240

COMMERCIAL PASS-THRU WINDOWS LARGE MISSILE IMPACT RESISTANT EXTERIOR ELEVATIONS

WINDOW TYPE	ACTUAL FRAME MAX. DIMENSION	MAX. D.L.O. DIMENSIONS	GLAZING TYPE
SS-4035E-IP	48" W X 41" H	(2) 14-3/16" X 27" (3) 14-3/16" X 27"	SEE PAGE 6 OF 14
SC-4030-IP	48" W X 36" H	(2) 14-3/16" X 24" (3) 14-3/16" X 24"	SEE PAGE 6 OF 14
SC-4030-IP	36" W X 36" H	(2) 11-1/8" X 24" (3) 11-1/8" X 24"	SEE PAGE 6 OF 14

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PANDA RESTAURANT GROUP INC. 1683 Walnut Grove Ave. Rosemead, California 91770 Telephone: 626.799.9898 Facsimile: 626.372.8288

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REVISIONS:

NO.	DESCRIPTION	DATE

ISSUE DATE:

NO.	DESCRIPTION	DATE
1	ISSUED FOR BID & PERMIT	12-11-16
2	BID SET	01-30-19

DRAWN BY: OAS
PANDA PROJECT # S8-19-06573
ARCH PROJECT # P7336

Plan Prepared By: GPH, Inc. 500 West Fulton St. Sanford, FL 32771 Ph: 407-322-8841
Licenses: Eng. C.O.A. No. 2750-E Survey L.B. No. CA-598-L.S Arch. Lic. No. 285-342

FOR INFORMATION ONLY DOCUMENTATION

PANDA EXPRESS WARM & WELCOME 2200 ATLANTIC BLVD & MARKETPLACE DR JACKSONVILLE, FL 32225

FAD - 3.0 FLORIDA PRODUCT APPROVAL QUIKSERV COMMERCIAL ALUMINUM PT HORIZONTAL SLIDING WINDOW - L.M.I. TRUE WARM & WELCOME 2200