

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

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY, FLORIDA PRODUCT CONTROL SECTION 11805 SW 26 Street, Room 208 T (786) 315-2590 F (786) 315-2599 www.miamidade.gov/economy

Continental Glass Systems, Inc. 325 West 74th Place Hialeah FL, 33014

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 "2000 High Performance" Aluminum Sliding Glass Door – L.M.I.

APPROVAL DOCUMENT: Drawing No. CGS009, titled "Series 2000 Sliding Glass – HP", sheets 1 through 7 of 7, dated 11/30/05, with the latest revision dated 09/16/16, prepared by Building Drops, Inc., signed and sealed by Hermes F. Norero, P.E., bearing the Miami-Dade County Product Control Section 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

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 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 and renews NOA No. 12-0824.08 and consists of this page 1 and evidence page E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Jorge M. Plasencia, P. E.

MIAMI-DADE COUNTY)
APPROVED

NOA No. 15-0827.30 Expiration Date: September 22, 2020 Approval Date: November 17, 2016

Page 1

Continental Glass Systems, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

- 1. Manufacturer's die drawings and sections. (Submitted under NOA No. 10–0520.05)
- 2. Drawing No. **CGS009**, titled "Series 2000 Sliding Glass Door HP", sheets 1 through 7 of 7, dated 11/30/05, with the latest revision dated 09/16/16, prepared by Building Drops, Inc., signed and sealed by Hermes F. Norero, P.E.

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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 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
 - 7) Standard Test Methods for Deglazing Force of Fenestration Products per ASTM E 842–04
 - 8) Standard Test Method for Determination of Operating Force B of Sliding Windows and Doors per ASTM E 2068–00 (2008)

along with marked—up drawings and installation diagram of an aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL—6122, dated 01/06/10, signed and sealed by Michael R. Wenzel, P. E.

(Submitted under NOA No. 10-0520.05)

C. CALCULATIONS

- 1. Anchor verification calculations and structural analysis, complying with FBC 5th Edition (2014), dated 07/19/15, revised on 03/04/16, prepared by Building Drops, Inc., signed and sealed by Hermes F. Norero, P.E.
- 2. Glazing complies with ASTM E1300-09

D. OUALITY 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) Glass Interlayers" dated 06/25/15, expiring on 07/04/18.

Jorge M. Plasencia, P. E. Product Control Unit Supervisor

NOA No. 15-0827.30

Expiration Date: September 22, 2020 Approval Date: November 17, 2016

Continental Glass Systems, Inc.

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F. STATEMENTS

- 1. Statement letter of, conformance, complying with FBC 5th Edition (2014), issued by Building Drops, Inc., signed, sealed and dated 07/18/15 by Hermes F. Norero, P.E.
- 2. Laboratory compliance letter for Test Report No. FTL-6122, issued by Fenestration Testing Laboratory, Inc., dated 01/06/10, signed and sealed by Michael R. Wenzel, P. E.

(Submitted under NOA No. 10-0520.05)

3. Proposal issued by Product Control, dated 11/19/09, signed by Manuel Perez, P. E. (Submitted under NOA No. 10–0520.05)

G. OTHERS

1. Notice of Acceptance No. 12–0824.08, issued to Continental Glass Systems, Inc. for their Series "2000" Aluminum Sliding Glass Door – L.M.I., approved on 12/06/12 and expiring on 09/22/15.

Jorge M. Plasencia, P. E. Product Control Unit Supervisor

NOA No. 15-0827.30

Expiration Date: September 22, 2020 Approval Date: November 17, 2016

- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- 4. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- FOR INSTALLATION DIRECTLY INTO CONCRETE/MASONRY, USE 5/16 INCH DIAMETER ELCO ULTRACONS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT.
- FOR INSTALLATION DIRECTLY INTO WOOD FRAME, USE #14 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT.
- FOR INSTALLATION DIRECTLY INTO STEEL FRAME, USE 1/4" DIAMETER TEK SELECT SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND STEEL FRAME SUBSTRATE.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- 10.INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
- 11.INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
- A. WOOD MINIMUM SPECIFIC GRAVITY OF 0.55.

 B. CONCRETE MINIMUM COMPRESSIVE STRENGTH OF 3000 PS).
- C. STEEL MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM 18 GA. (0.0478") WALL THICKNESS.

CONTINENTAL GLASS SYSTEMS, LLC.

SERIES 2000 SLIDING GLASS DOOR - HIGH PERFORMANCE (IMPACT)

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE 5TH EDITION (2014) FLORIDA BUILDING CODE (FBC), INCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, STEEL, AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- 3. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- 4. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT IN NON-HVHZ AREAS. IN HVHZ AREAS, ONE TIME PRODUCT APPROVAL TO BE OBTAINED FROM MIAMI-DADE REF.
- APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- 6. WINDOW FRAME MATERIAL: ALUMINUM 6005-T5
- 7. DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM UNIT FRAMING SHALL BE PROTECTED IN ACCORDANCE WITH THE 5TH EDITION FBC.
- 8. GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 4 FOR GLAZING DETAIL.

		TABLE OF CONTENTS
SHEET	REVISION	SHEET DESCRIPTION
1	В	INSTALLATION & GENERAL NOTES
2	В	ELEVATIONS & ANCHOR LAYOUTS
3	В	VERTICAL SECTIONS
4	В	HORIZONTAL SECTIONS & GLAZING DETAIL
5	В	COMPONENTS & BILL OF MATERIALS
6	В	COMPONENTS
7	В	CORNER ASSEMBLY

DESIGN PRESSURE	RATING
DESIGN PRESSURE - ALL SIZES	MISSILE IMPACT RATING
+/-140.0 PSF	LARGE & SMALL MISSILE IMPACT RATED

CONTINENTAL Glass Systems

325 W. 74TH PLACE HIALEAH, FL 33014 PH: (305) 231-1101 FX: (305) 231-1103

	TITLE: SERIES 2000 ALUM. SLIDING GLASS DOOR - HP	INSTALLATION & GENERAL NOTES	JLA 07.25.12 PREPARED BY:		398 E. DANIA BEACH BLVD, #338 DANIA BFACH, FL 33004	
		BY DATE	07.25.12	LS 07.02.15		
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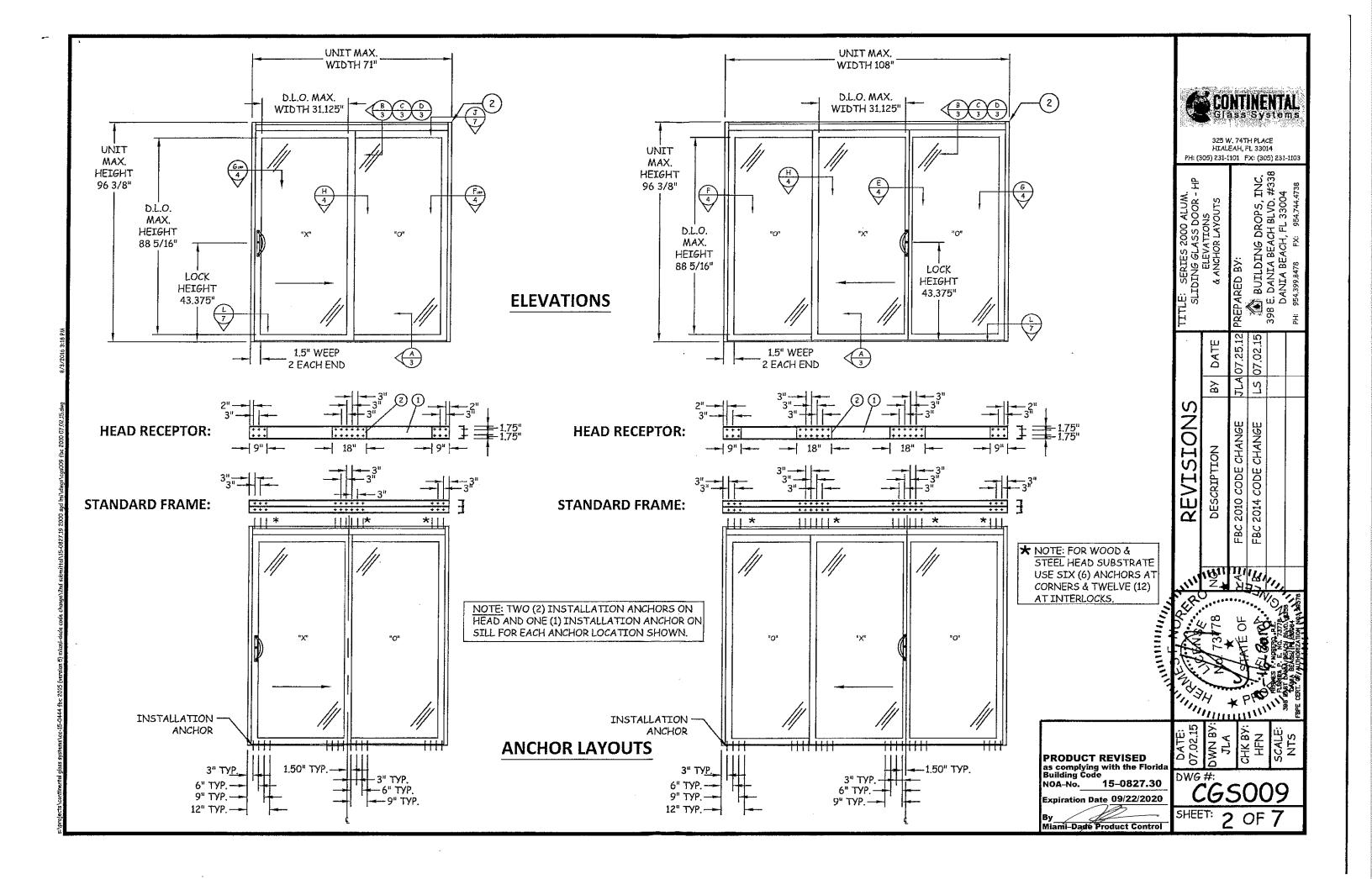
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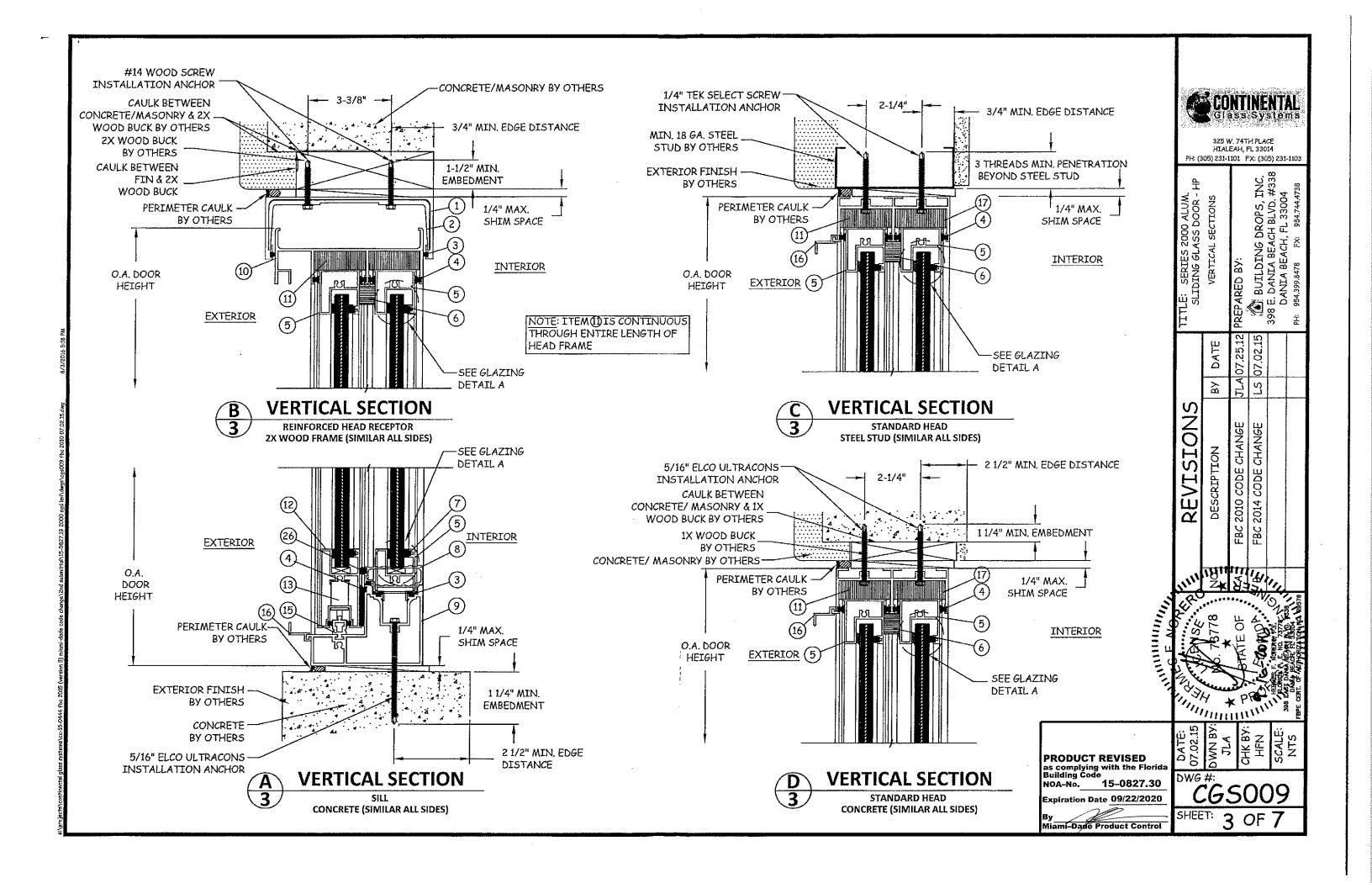
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 15-0827.30

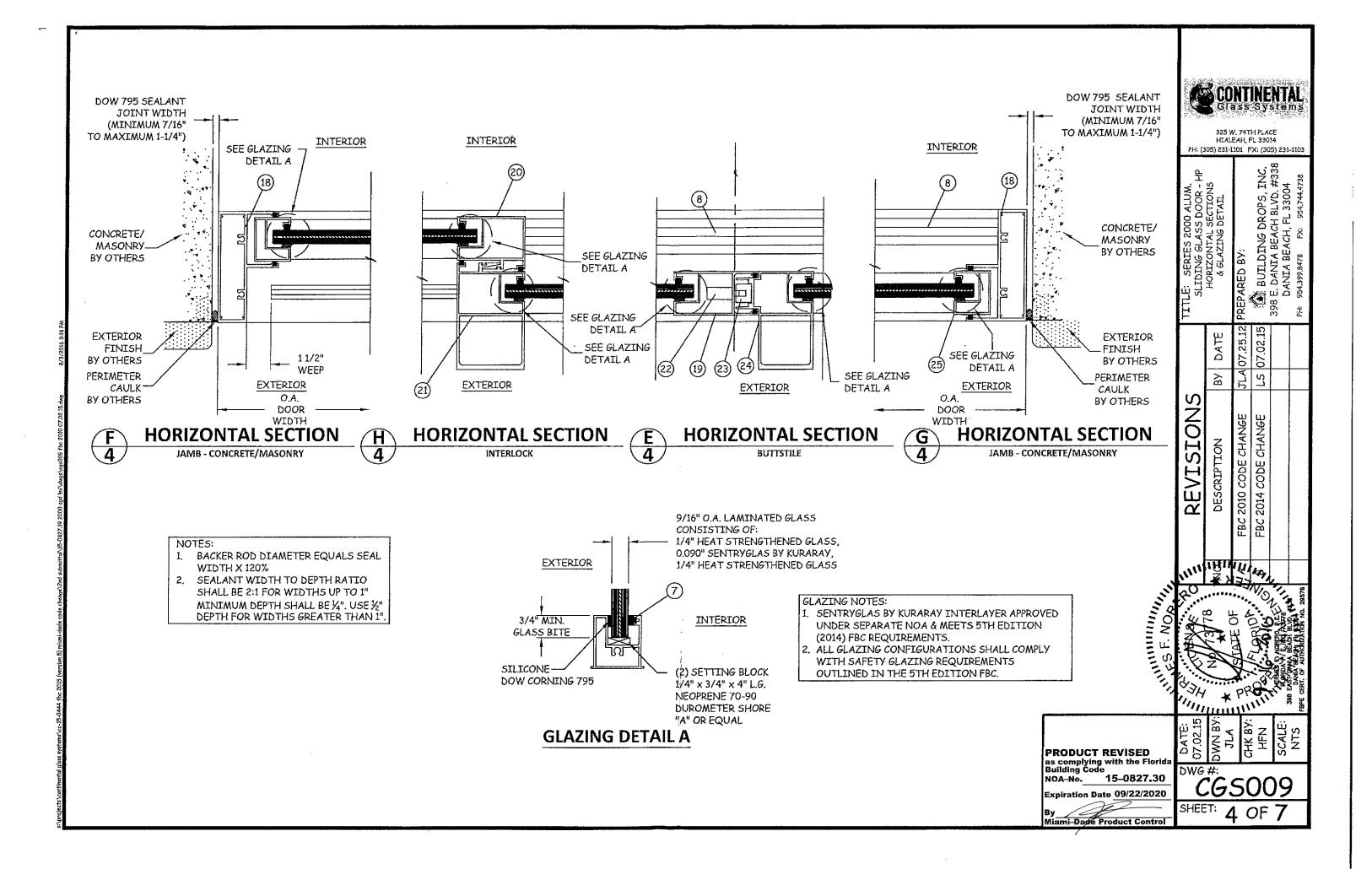
Expiration Date 09/22/2020

Miami-Dade Product Control

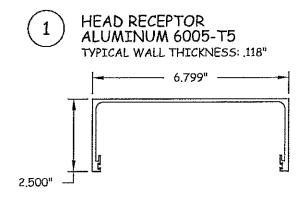
SHEET: 1 OF

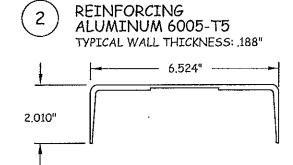




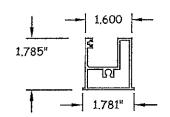


	BILL O	F MATERIALS		
ITEM NO.	DESCRIPTION	PARTS NUMBERS	MATERIAL	MANUFACTURER
1	HEAD RECEPTOR	2000-07	ALUMINUM 6005-T5	CGS
2	REINFORCING (9" & 18" LENGTHS)	2000-16	ALUMINUM 6005-T5	CGS
3	VINYL BULB	FP-448-V	PLASTIC	
4	FIN-SEAL .370 X .187		ULTRAFAB .	ULTRAFAB
5	TOP & BOTTOM PANEL STILE	2000-08	ALUMINUM 6005-T5	CGS
6	INTERLOCK PAD	P 7509 AFK	ULTRAFAB	ULTRAFAB
7	GLASS SPACING		PLASTIC	
8	THRESHOLD	2000-24	ALUMINUM 6063-T6	CGS
9	SILL	2000-03	ALUMINUM 6005-T5	CGS
10	HEAD	2000-01	ALUMINUM 6005-T5	CGS
11	HEAD PAD	P 10009 AFK	ULTRAFAB	ULTRAFAB
12	BOTTOM MOVING PANEL STILE	2000-09	ALUMINUM 6005-T5	CGS
13	WHEEL	AR-50A		
14	FIN-SEAL .250 X .187		ULTRAFAB	ULTRAFAB
15	SILL TRACK	2000-05	ALUMINUM 6005-T5	CGS
16	SCREEN TRACK	2000-15	ALUMINUM 6005-T5	CGS
17	STANDARD HEAD	2000-02	ALUMINUM 6005-T5	CGS
18	JAMB	2000-04	ALUMINUM 6063-T6	cgs
19	LOCK STILE	2000-10	ALUMINUM 6005-T5	CGS
20	INTERLOCK	2000-11	ALUMINUM 6005-T5	<i>cgs</i>
21	LEFT INTERLOCK	2000-17	ALUMINUM 6005-T5	ces
22	LOCK	D-60 C		
23	KEEPER	KP-50		
24	HEAVY ASTRAGAL	2000-14	ALUMINUM 6005-T5	ÇGS
25	FIXED STILE	2000-13	ALUMINUM 6005-T5	¢6s
26	Q-LON	U4332		i :

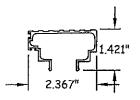




5 TOP & BOTTOM PANEL STILE ALUMINUM 6005-T5
TYPICAL WALL THICKNESS: .075"



8 THRESHOLD
ALUMINUM 6063-T6
TYPICAL WALL THICKNESS: .075"





325 W. 74TH PLACE HIALEAH, FL 33014 PH: (305) 231-1101 FX: (305) 231-1103

SLIDING GLASS DOOR - HP COMPONENTS & BILL OF MATERIALS
REPARED BY:
BUILDING DROPS, INC.
198 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004

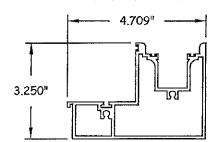
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DESCRIPTION	ВУ	BY DATE	৵
FBC 2010 CODE CHANGE	JLA	07.25.12	JLA 07.25.12 PREPARED
FBC 2014 CODE CHANGE	15	LS 07.02.15	BOI €
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PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 15-0827.30
Expiration Date 09/22/2020

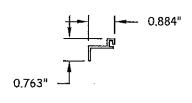
By Miami-Dade Product Control

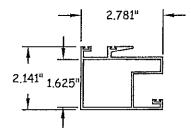




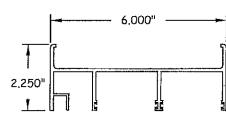
SCREEN TRACK (16 ALUMINUM 6005-T5 TYPICAL WALL THICKNESS: .075"



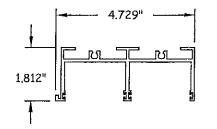




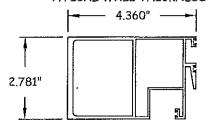
HEAD 10 ALUMINUM 6005-T5 TYPICAL WALL THICKNESS: .100"



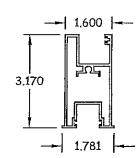
STANDARD HEAD ALUMINUM 6005-T5 TYPICAL WALL THICKNESS: .100"



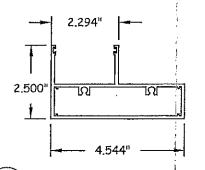
LEFT INTERLOCK ALUMINUM 6005-T5 TYPICAL WALL THICKNESS: .078"



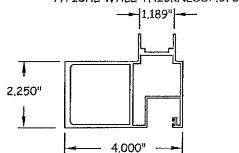
BOTTOM MOVING PANEL STILE (12 ALUMINUM 6005-T5 TYPICAL WALL THICKNESS: .075"



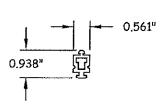
JAMB 18 ALUMINUM 6063-T6 TYPICAL WALL THICKNESS: .075"



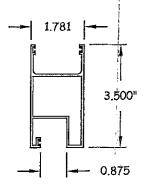
ASTRAGAL ALUMINUM 6005-T5 TYPICAL WALL THICKNESS: .078"



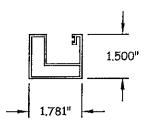
SILLTRACK 15 ALUMINUM 6005-T5 TYPICAL WALL THICKNESS: .110"



LOCK STILE (19 ALUMINUM 6005-T5 TYPICAL WALL THICKNESS: .078"



FIXED STILE ALUMINUM 6005-T5



TYPICAL WALL THICKNESS: .62"

PRODUCT REVISED as complying with the Florid Building Code 15-0827,30 NOA-No. Expiration Date 09/22/2020

Miami-Dade Product Control

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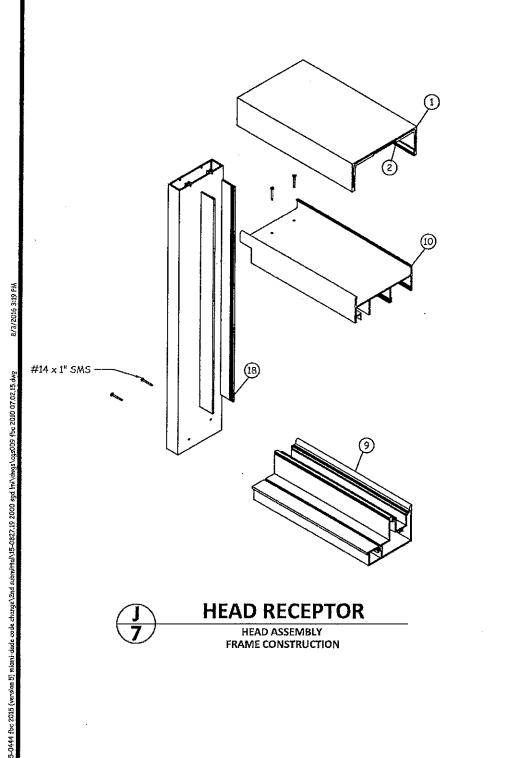
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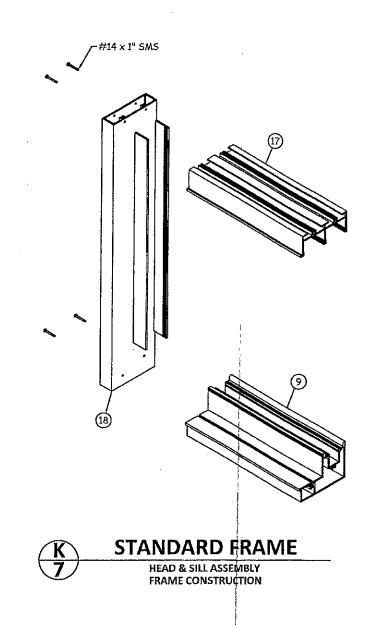
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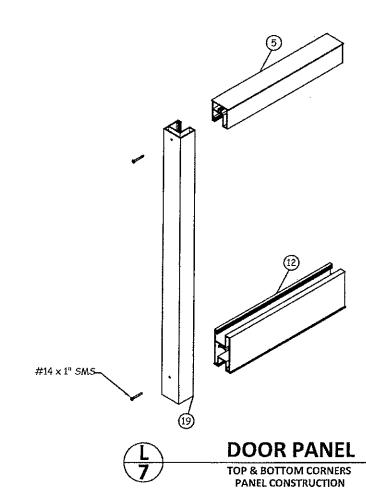
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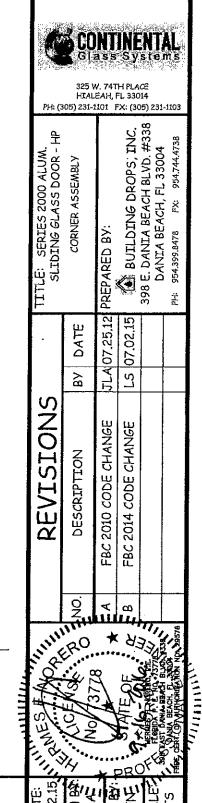
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NOA-No. 15-0827.30

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DWG#: CGS009