

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

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

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

www.miamidade.gov/economy

Continental Glass Systems, LLC 325 West 74 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 "7200" Outswing Aluminum Bi-Folding Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **AD13-02**, titled "Series 7200 Aluminum Outswing Bi-Folding Window (LMI)", sheets 1 through 8 of 8, dated 06/02/14, with revision D dated 10/19/17, prepared by Building Drops, Inc., signed and sealed by Hermes F. Norero, 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

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/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 NOA# 17-1108.23 and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by Sifang Zhao, P.E.





NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA'S

A. DRAWINGS

- 1. Manufacturer's die drawings and sections. (Submitted under previous NOA No. 14-0225.03)
- 2. Drawing No **AD13-02**, titled "Series 7200 Aluminum Outswing Bi-Folding Window (LMI)", sheets 1 through 8 of 8, dated 06/02/14, with revision D dated 10/19/17, prepared by Building Drops, Inc., signed and sealed by Hermes F. Norero, 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) Forced Entry Test, per FBC 2411.3.2.1 (b) and TAS 202-94

along with marked-up drawings and installation diagram of a series 7200 outswing aluminum casement window, prepared Hurricane Engineering & Testing Inc., Test Report No. **HETI-13-4068**, dated 09/12/13, revised on 10/29/13, signed and sealed by Rafael E. Droz–Seda, P.E. *(Submitted under previous NOA No. 14-0225.03)*

- 2. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94
 - 2) Small Missile Impact Test per FBC, TAS 201-94
 - 3) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with marked-up drawings and installation diagram of a series 7200 outswing aluminum casement window, prepared Hurricane Engineering & Testing Inc., Test Report No. **HETI-113-4069**, dated 09/24/13, revised on 10/29/13, signed and sealed by Rafael E. Droz–Seda, P.E. *(Submitted under previous NOA No. 14-0225.03)*

- 3. 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) Forced Entry Test, per FBC 2411.3.2.1 (b) and TAS 202-94

along with marked-up drawings and installation diagram of a series 7200 outswing aluminum casement window, prepared Hurricane Engineering & Testing Inc., Test Report No. **HETI-13-4071**, dated 10/24/13, signed and sealed by Rafael E. Droz–Seda, P.E. *(Submitted under previous NOA No. 14-0225.03)*

- 4. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94
 - 2) Small Missile Impact Test per FBC, TAS 201-94
 - 3) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with marked-up drawings and installation diagram of a series 7200 outswing aluminum casement window, prepared Hurricane Engineering & Testing Inc., Test Report No. **HETI-13-4072**, dated 10/24/13, signed and sealed by Rafael E. Droz-Seda, P.E. (Submitted under previous NOA No. 14-0225.03)

Sifang Zhao, P.E.

Product Control Examiner NOA No. 19-0829.06

Expiration Date: September 04, 2024 Approval Date: September 19, 2019

Continental Glass Systems, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS

- 1. Anchor verification calculations and structural analysis, complying with **FBC-5**th **Edition (2014)**, dated 07/22/15 and revised on 08/01/16, prepared by Building Drops, Inc., signed, sealed by Hermes F. Norero, P.E.
- 2. Glazing complies with ASTM E1300-09

D. QUALITY 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) Interlayer" dated 06/25/15, expiring on 07/04/18.

F. STATEMENTS

- 1. Statement letter of conformance to **FBC** 6th **Edition (2017)**, and of no financial interest, dated 10/24/17, issued by Building Drops, Inc., signed and sealed by Hermes Norero, P.E.
- 2. Letter from manufacturer requesting name change from Continental Glass System, Inc. to Continental Glass System, LLC, dated April 4, 2016, signed by Samir Moussa, COO.
- 3. Assignment Agreement dated April 21, 2015 between Continental Glass System, Inc. a Florida Corporation (Assignor) and Continental Glass System, LLC a Delaware Limited Liability Company (Assignee) signed by Shlomo Epstein, (Assignor) and Samir Moussa (Assignee) and Paul L. Rudy III for Graham Architectural Products Corporation (the "Purchase Agreement").
- 4. Notification of Successor Engineer for manufacturer's NOA document per Section 61G15-27.001 of the Florida Administrative Code, notifying original engineer that the successor engineer is assuming full professional and legal responsibility for all engineering documents pertaining to this NOA, dated July 24, 2015, signed and sealed by Hermes F. Norero, P.E.

G. OTHERS

1. Notice of Acceptance No. **15-0827.24**, issued to Continental Glass Systems, Inc. for their Series "7200" Outswing Aluminum Bi-Fold Window – L.M.I., approved on 09/22/16 and expiring on 09/04/19.

Sifang Zhao, P.E. Product Control Examiner

NOA No. 19-0829.06

Expiration Date: September 04, 2024 Approval Date: September 19, 2019

Continental Glass Systems, LLC

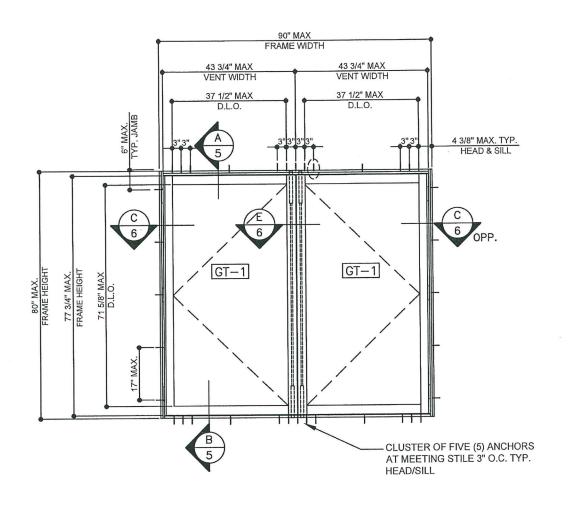
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

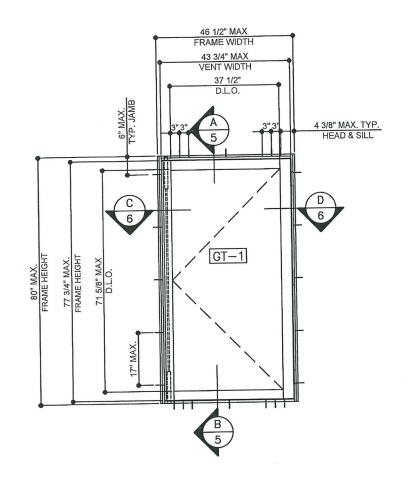
- 2. NEW EVIDENCE SUBMITTED
- A. DRAWINGS
 - 1. None.
- B. TESTS
 - 1. None.
- C. CALCULATIONS
 - 1. None.
- D. QUALITY ASSURANCE
 - 1. Miami-Dade Department of Regulatory and Economic Resources (RER)
- E. MATERIAL CERTIFICATIONS
 - 1. Notice of Acceptance No. 17-0808.02 issued to Kuraray America, Inc. for their "SentryGlas® (Clear and White) Interlayer" dated 12/28/17, expiring on 07/04/23.
- F. STATEMENTS
 - 1. None.
- G. OTHERS
 - 1. This NOA renews NOA #17-1108.23, expiring on 09/04/19.

Sifang Zhao, P.E.

Product Control Examiner NOA No. 19-0829.06

Expiration Date: September 04, 2024 Approval Date: September 19, 2019





TYPICAL EXTERIOR ELEVATION (X)

DESIGN PRESSURE SEE CHART ON SHEET 3

TYPICAL EXTERIOR ELEVATION (XX)

DESIGN PRESSURE SEE CHART ON SHEET 3

GENERAL NOTES:

- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 6TH EDITION (2017) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
- WINDOWS RATED FOR LARGE MISSILE IMPACT AND SMALL MISSILE IMPACT. IMPACT SHUTTERS ARE NOT REQUIRED.
- THESE WINDOWS ARE APPROVED FOR AIR AND WATER INFILTRATION.
- ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
- ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.
- WOOD BUCKS BY OTHERS MUST BE SOUTHERN PINE, S.G. = 0.55 AND MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

- A LOAD DURATION FACTOR IN ALLOWABLE STRESS IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.
- PROVIDE 1/4" MAX. LOAD BEARING SHIM SPACE (TYP.).
- MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.
- METAL STRUCTURES NOT BY CONTINENTAL GLASS SYSTEMS, LLC MUST SUPPORT LOADS IMPOSED BY WINDOW SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.
- DESIGN LOAD OBTAINED FROM ASCE 7-10, MULTIPLIED BY 0.6, SHALL BE LESS THAN OR EQUAL TO MAX. DESIGN LOAD IN THIS DOCUMENT.

PRODUCT RENEWED as complying with the Florida

Acceptance No 9-0829.06 Expiration Date 09/04 2024

Miami Dade Product Control

SCALE: NTS CHK BY HFN DATE 06.02.

CONTINENTAL

INC. #338

|€ BUILDING DROPS, IN 398 E. DANIA BEACH BLVD. #3 DANIA BEACH, FL 33004

398

08.01.16

SM

10.19.17

FM

FBC CODE CHANGE

8.20.14

TG SM

FBC CODE & EOR CHANGE MD RER COMMENTS

14 100 V

COMMENTS

RER'S

DATE

BY

DESCRIPTION

Z

SI

REVI

CONTINENTAL GLASS SYSTEMS LLC. 325 W. 74TH PLACE

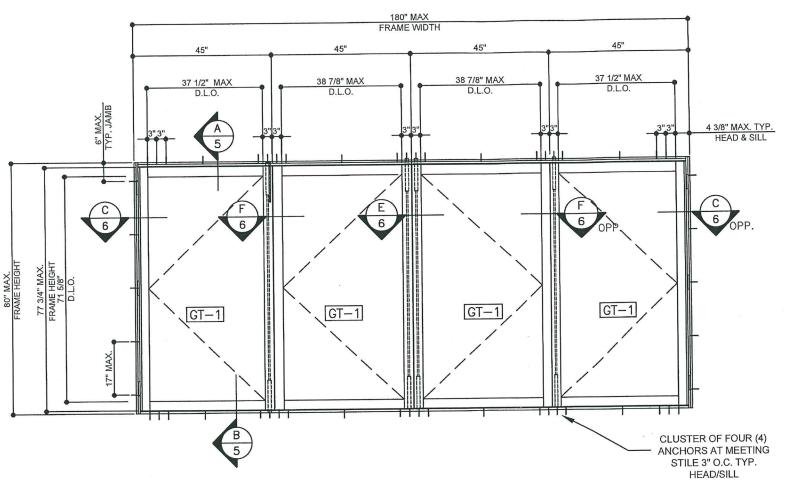
HIALEAH, FL 33014 PH: (305) 231-1101 FX: (305) 231-1103

SERIES 7200 ALUMINUM OUTSWING BI-FOLDING WINDOW (LMI)

DWG #:

AD13-02

OF 8



TYPICAL EXTERIOR ELEVATION (XXXX)

DESIGN PRESSURE SEE CHART ON SHEET 4



CONTINENTAL GLASS SYSTEMS LLC. 325 W. 74TH PLACE HIALEAH, FL 33014 PH: (305) 231-1101 FY: (305) 221-1102

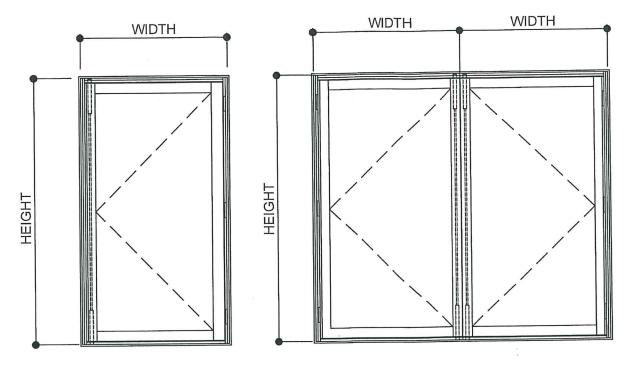
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No | 9-0829.06
Expiration Date 09 04 2024

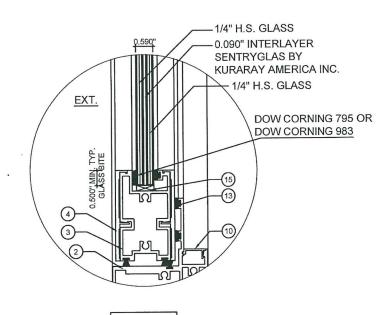
F

By ________ Miami Dade Fro DWG #: AD13-02

SHEET: 2 OF 8

MAX. DESIG	GN LOAD FO	RONEORT	WO PANEL	
	BI-FOLDING	WINDOW		
WINDOW PANEL		MAX DESIGN LOAD		
WIDTH	HEIGHT	POSITIVE NEGATIVE		
IN	IN	PSF	PSF	
30		110.0	120.0	
33		110.0	120.0	
36		110.0	120.0	
39		110.0	120.0	
42	60	110.0	120.0	
45		110.0	120.0	
48		103.1	112.5	
51]	97.1	105.9	
54		91.7	100.0	
30		110.0	120.0	
33]	110.0	120.0	
36		110.0	120.0	
39	66	110.0	120.0	
42	66	110.0	120.0	
45		110.0	120.0	
48		103.1	112.5	
51		97.1	105.9	
30	a.	110.0	120.0	
33		110.0	120.0	
36		110.0	120.0	
39	72	110.0	120.0	
42		110.0	120.0	
45		110.0	120.0	
48		103.1	112.5	
30		110.0	120.0	
33		110.0	120.0	
36	78	110.0	120.0	
39		110.0	120.0	
42		110.0	120.0	
45		110.0	120.0	
30		110.0	120.0	
33		110.0	120.0	
36	90	110.0	120.0	
39	80	110.0	120.0	
42		110.0	120.0	
45		110.0	120.0	





0.590" TOTAL GLASS THICKNESS INTERLAYER GLAZING DETAIL

GT-1

NOTE: GLASS CAPACITY COMPLY WITH ASTM E1300 (3 SEC. GUSTS)

SEALANT: DOW CORNING 790

PERIMETER OF FRAME ON THE INTERIOR, FRAME CORNERS, GLAZING BEAD SEAMS AT EACH END, FIXED MEETING RAIL AT EACH END, INSTALLATION FASTENERS AT FRAME SILL & EACH END OF FRAME SILL TRACK.

HARDWARE:

LOCKS:

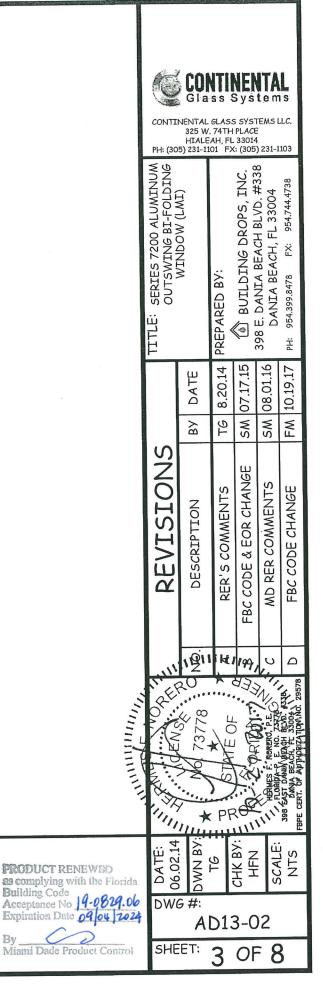
A TWO POINT LOCK WITH HANDLE (BE-01-6501) BY INTERLOCK, LOCATED AT BOTH ACTIVE AND INACTIVE SASH AT 36" FROM THE BOTTOM OF THE SASH.

1/2" SOLID S.S. FLUSH BOLTS WITH A THROW OF 1" AT TOP & BOTTOM.

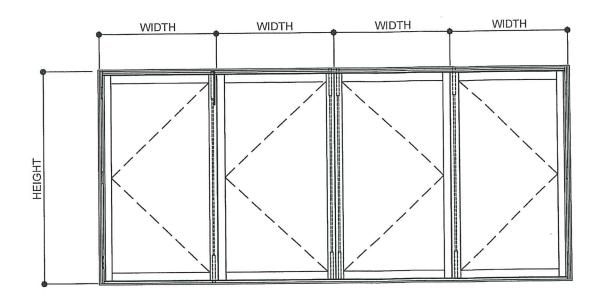
THE 1" X 2" X 0.764" DEEP STRIKE PLATES ARE INSTALLED WITH (2) #8 X 1/2" PHILLIPS FLAT HEAD AND SET IN WITH ACRYL-R SEAM SEALER BY SCHNEE-MOREHEAD INC.

HINGES:

- (3) 4 X 4 1/2" SS METAL HINGES INSTALLED ON EACH SASH @ 8 1/4" FROM TOP AND BOTTOM OF SASH AND ONE AT CENTER.
- (4) 6MM X 15MM PHILLIPS FLAT HEAD MACHINE SCREWS ON HINGE STILES OF THE SASH AND BI-FOLDING FRAME.



MAX. DESIGN LOAD FOR FOUR PANEL					
BI-FOLDING WINDOW					
WINDOW PANEL		MAX DESIGN LOAD POSITIVE NEGATIVE			
WIDTH	HEIGHT				
IN	IN	PSF	PSF		
30	*	90.0	90.0		
33		90.0	90.0		
36		90.0	90.0		
39		90.0	90.0		
42	60	90.0	90.0		
45		90.0	90.0		
48		84.4	84.4		
51		79.4	79.4		
54		75.0	75.0		
30		90.0	90.0		
33		90.0	90.0		
36	66	90.0	90.0		
39		90.0	90.0		
42		90.0	90.0		
45		90.0	90.0		
48		84.4	84.4		
51		79.4	79.4		
30		90.0	90.0		
33		90.0	90.0		
36		90.0	90.0		
39	72	90.0	90.0		
42		90.0	90.0		
45		90.0	90.0		
48		84.4	84.4		
30		90.0	90.0		
33	1	90.0	90.0		
36	1	90.0	90.0		
39	78	90.0	90.0		
42	1	90.0	90.0		
45	-	90.0	90.0		
30		90.0	90.0		
33	1	90.0	90.0		
36	1	90.0	90.0		
39	80	90.0	90.0		
42	1	90.0	90.0		
45	1	90.0	90.0		



SEALANT: DOW CORNING 790

PERIMETER OF FRAME ON THE INTERIOR, FRAME CORNERS, GLAZING BEAD SEAMS AT EACH END, FIXED MEETING RAIL AT EACH END, INSTALLATION FASTENERS AT FRAME SILL & EACH END OF FRAME SILL TRACK.

HARDWARE:

LOCKS:

A TWO POINT LOCK WITH HANDLE (BE-01-6501) BY INTERLOCK, LOCATED ON BOTH SASH 2 & 3 AT 36" FROM THE BOTTOM OF THE SASH. THIS LOCK ACTIVATES BOTH THE TOP & BOTTOM 1/2" SOLID S.S. FLUSH BOLTS WITH A THROW OF 1".

1/2" X 3/4" LG FLUSH BOLTS ARE ALSO LOCATED ON THE LOCK STILE OF SASH 1 & 3 AT 14 3/4" FROM TOP AND BOTTOM OF SASH.

THE 1" X 2" X 0.764" DEEP STRIKE PLATES ARE INSTALLED WITH (2) #8 X 1/2" PHILLIPS FLAT HEAD AND SET IN WITH ACRYL-R SEAM SEALER BY SCHNEE-MOREHEAD INC.

HINGES:

- (3) 4 X 4 1/2" SS METAL HINGES INSTALLED ON EACH SASH @ 8 1/4" FROM TOP AND BOTTOM OF SASH AND ONE AT CENTER.
- (4) 6MM X 15MM PHILLIPS FLAT HEAD MACHINE SCREWS ON HINGE STILES OF THE SASH AND BI-FOLDING FRAME.

TYPICAL ANCHORS: (SEE ELEV. FOR SPACING)

5/16" DIA. ULTRACON

(Fu = 177 KSI, Fy = 155 KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURE

1-1/2" MIN. PENETRATION INTO WOOD
THRU 1BY BUCKS OR DIRECTLY INTO CONC. OR GROUT
FILLED CMU

- 1-1/4" MIN. EMBED INTO CONC.
- 1-3/4" MIN. EMBED INTO GROUT FILLED CMU

1/4" SMS OR SELF DRILLING SCREWS (GRADE 5 CRS)

(Fu = 120 KSI, Fy = 92 KSI)

MINIMUM THREE THREADS PENETRATION
 BEYOND METAL WALL

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

INTO MIAMI-DADE COUNTY APPROVED ALUMINUM MULLIONS

MINIMUM THREE THREADS PENETRATION
 BEYOND METAL WALL

SUBSTRATE REQUIREMENTS:

MASONRY

ASTM C90 GROUT FILLED CONCRETE BLOCK

CONCRETE

fc= 3,515 PSI MIN. COMPRESSIVE STRENGTH

VOOD

MIN. S.G. = 0.55

WOOD BUCKS BY OTHERS MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

METAL

ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.) STEEL: 12 GA. MIN. (Fy = 36 KSI MIN.)

ANCHOR EDGE DISTANCES

INTO CONCRETE

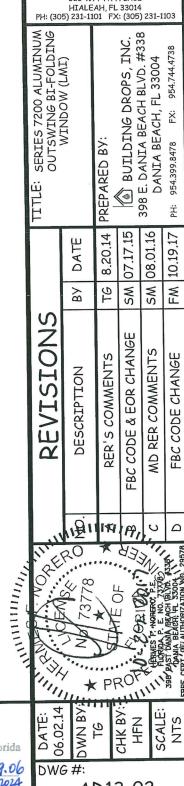
= 2-3/16" MIN.

INTO GROUT FILLED CMU INTO WOOD STRUCTURE

= 2-1/2" MIN. = 1-9/16" MIN.

INTO METAL STRUCTURE

= 1" MIN.



CONTINENTAL

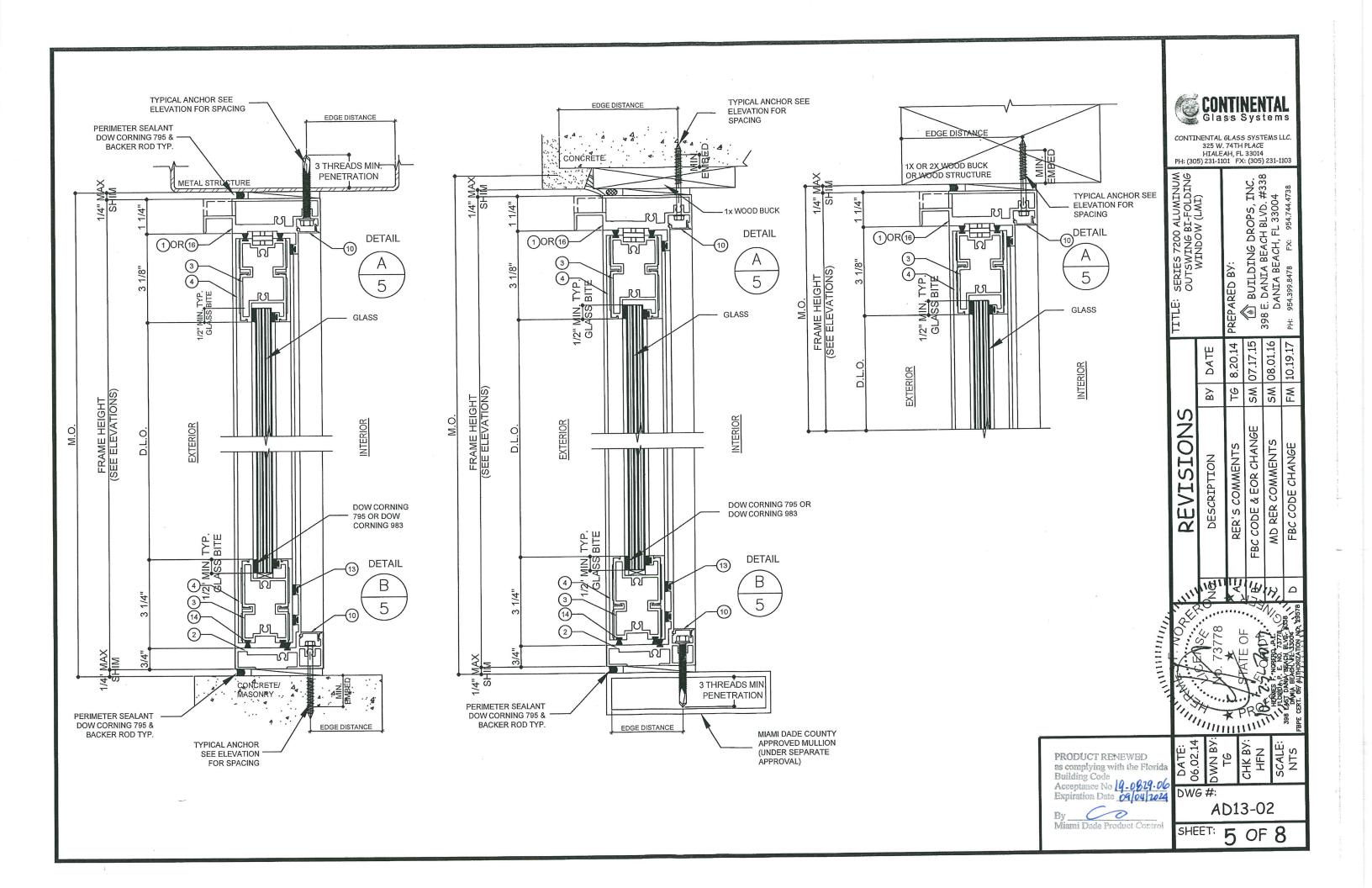
CONTINENTAL GLASS SYSTEMS LLC. 325 W. 74TH PLACE

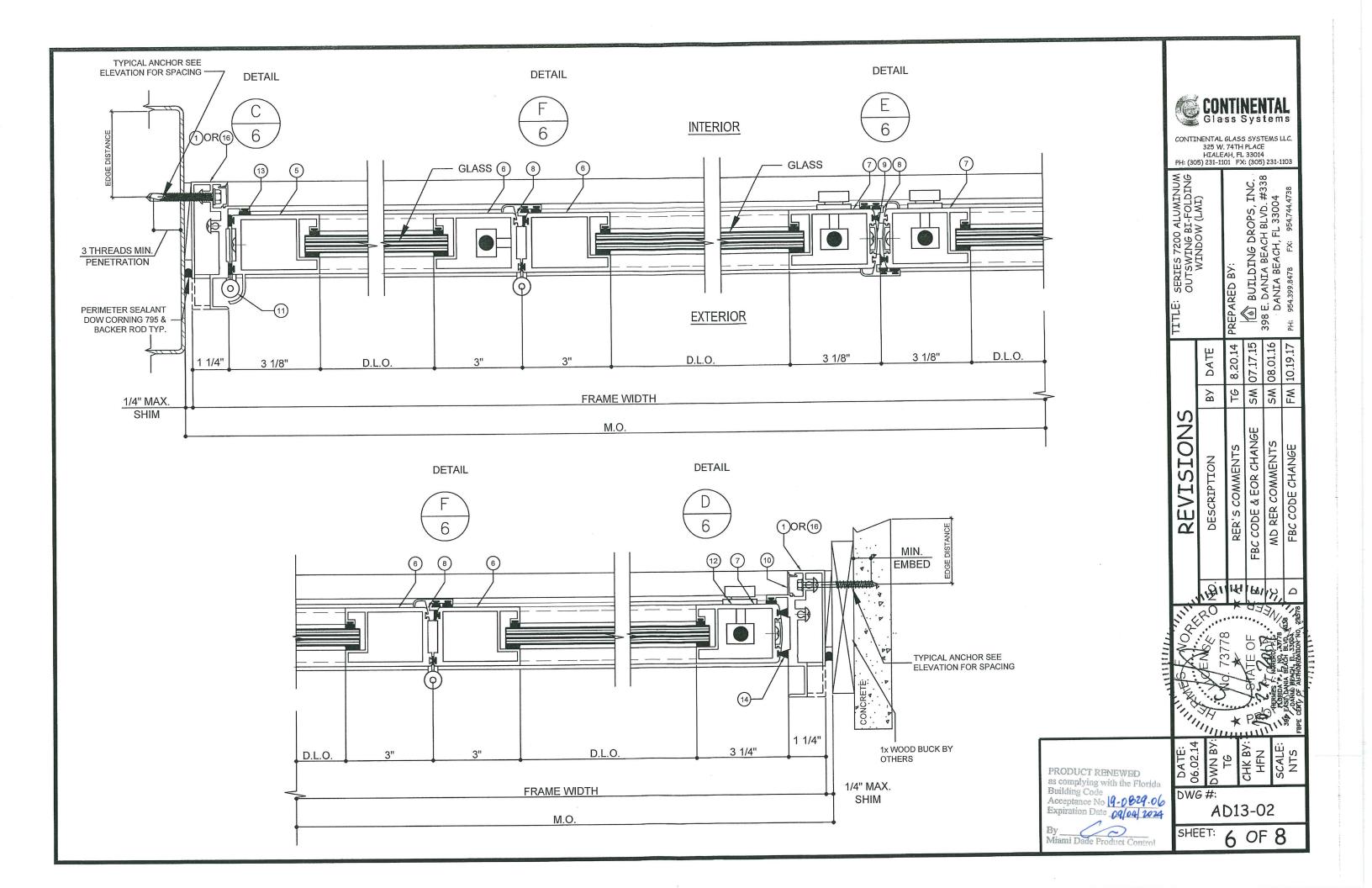
PRODUCT RENEWED
as complying with the Florida
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Acceptance No 9-0829-06
Expiration Date 09 04 1014

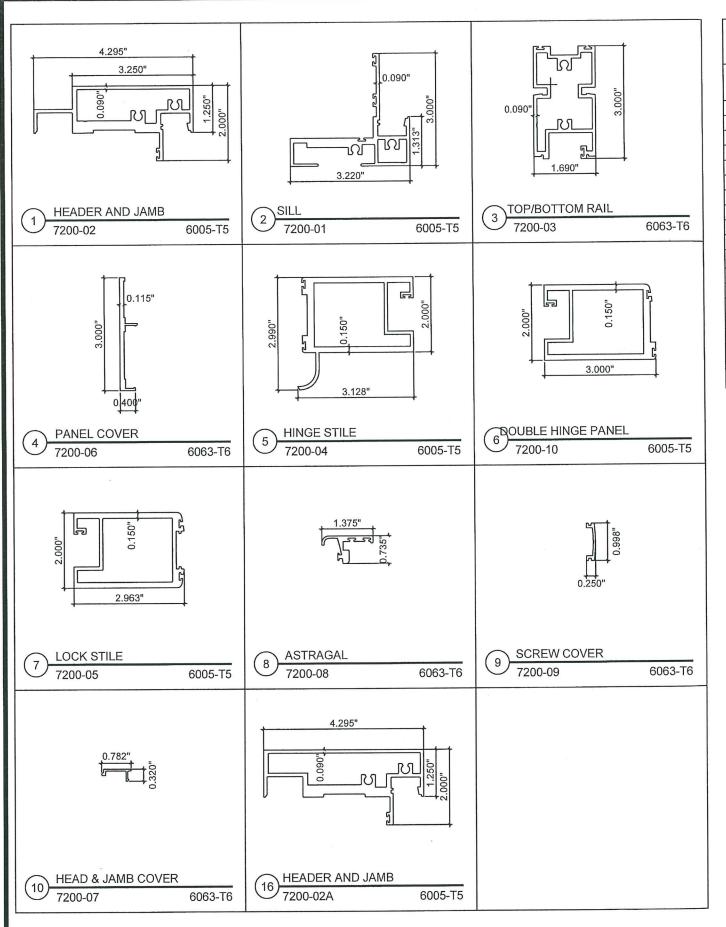
By ______ Miami Dade Product Control

AD13-02

4 OF 8







BILL OF MATERIALS

ITEM #	PROFILE	DESCRIPTION	MATERIAL	MANUFACTURER/REMARKS
1	7200-02	HEADER,AND JAMB	ALUM. 6005-T5	SAPA
2	7200-01	SILL	ALUM. 6005-T5	SAPA
3	7200-03	TOP/BOTTOM RAIL	ALUM. 6063-T6	SAPA
4	7200-06	PANEL COVER	ALUM. 6063-T6	SAPA
5	7200-04	HINGE STILE	ALUM. 6005-T5	SAPA
6	7200-10	DOUBLE HINGE PANEL	ALUM. 6005-T5	SAPA
7	7200-05	LOCK STILE	ALUM. 6005-T5	SAPA
8	7200-08	ASTRAGAL	ALUM. 6063-T6	SAPA
9	7200-09	SCREW COVER	ALUM. 6063-T6	SAPA
10	7200-07	HEAD & JAMB COVER	ALUM. 6063-T6	SAPA
11	4 x 4 ½"	STAINLESS STEEL HINGE	STAINLESS STEEL	WITH (4) 4" F.H. MACHINE SCREW
12	BF-01-6501	TWO POINT LOCK	METAL	INTERLOCK
13	E206	VINYL BULB WITH MULTI FLAP		ULTRAFAB
14	-	PILE WEATHERSTRIP GASKET	YARN	TREMCO INC
15	-	SETTING BLOCK	EPDM	TREMCO INC-DUROMETER 85±5, SHORE 'A'
16	7200-02A	HEADER AND JAMB	ALUM. 6005-T5	SAPA
17	-	1" X 2" X 0.764" STRIKE PLATE	STEEL	



CONTINENTAL GLASS SYSTEMS LLC. 325 W, 74TH PLACE HTALEAH, FL 33014 PH: (305) 231-1101 FX: (305) 231-1103

BUILDING DROPS, INC. 398 E. DANIA BEACH BLVD. #338 DANIA BEACH, FL 33004

DATE

TG 8.20.14 SM 07.17.15 SM 08.01.16 FM 10.19.17

RER'S COMMENTS
FBC CODE & EOR CHANGE
MD RER COMMENTS
FBC CODE CHANGE

BY REVISION DESCRIPTION

DATE: 06.02.14 CHK BY: HFN SCALE: NTS DWN BY: TG

1811 41141 10

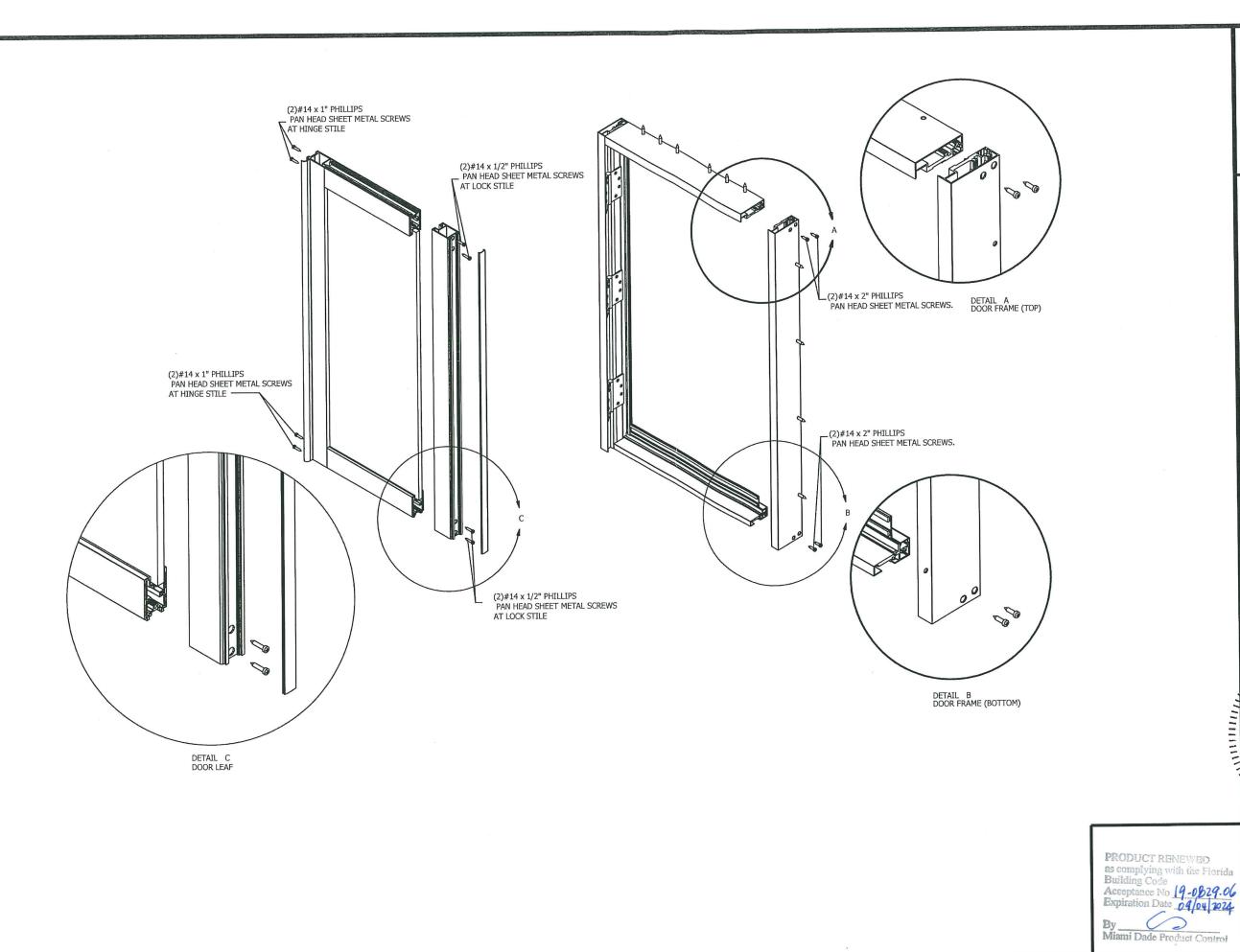
Acceptance No 19-0829.06 Expiration Date 09/04/2024 DWG#:

PRODUCT RENEWED as complying with the Florida

Building Code

AD13-02

OF 8 Miami Dade Product Control





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

BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
PH: 954.399.8478 FX: 954.744.4738

07.17.15 08.01.16 10.19.17 8.20.14 DATE

FW

SW BY 16

REVISION FBC CODE & EOR CHANGE MD RER COMMENTS FBC CODE CHANGE RER'S COMMENTS DESCRIPTION

所用剂

THE THE PROPERTY OF DATE 06.02.1 DWN B TG

DWG#:

AD13-02

8 OF 8