



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 "9000" Aluminum Window Wall System – S.M.I.

APPROVAL DOCUMENT: Drawing No. **FXD-9000-SM**, titled "Series 9000 - Fixed Window Wall - Small Missile", sheets 1 through 15 of 15, dated 02/24/09, with revision **5** dated 10/18/2017, prepared by manufacturer, signed and sealed by Hermes F. Norero, 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: 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 and renews** NOA# **15-0827.15** 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.**



S. Z.
08/08/2019

NOA No. 17-1108.17
Expiration Date: June 24, 2024
Approval Date: August 08, 2019
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS

1. Manufacturer's die drawings and sections. *(Submitted under NOA No. 09-0312.13)*
2. Drawing No **FXD-9000-SM**, Sheets 1 through 15 of 15, titled "Series 9000 - Fixed Window Wall - Small Missile", dated 02/24/09, with revision #4 dated 07/30/16, prepared by manufacturer, 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) Small 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 marked-up drawings and installation diagram of a series 9000 aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5773**, dated 08/22/08, signed and sealed by Carlos S. Rionda, P.E.
(Submitted under NOA No. 09-0312.13)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC-5th Edition (2014)**, dated 07/21/16 and revised on 01/17/17, prepared by Building Drops, Inc., signed and 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. **16-1117.01** issued to **Kuraray America, Inc.** for their "**Trosfoil Ultraclear, Clear, and Color PVB Glass Interlayers**" dated 01/19/17, expiring on 07/08/19.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC-5th Edition (2014)**, and of no financial interest, dated June 22, 2015, 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.



Sifang Zhao, P.E.
Product Control Examiner
NOA No. 17-1108.17

Expiration Date: June 24, 2024
Approval Date: August 08, 2019

Continental Glass Systems, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS (CONTINUED)

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 June 22, 2015, signed and sealed by Hermes F. Norero, P.E.

G. OTHERS

1. Notice of Acceptance No. **14-0320.02**, issued to Continental Glass Systems, Inc. for their Series "9000" Aluminum Window Wall System – S.M.I., approved on 05/08/14 and expiring on 06/24/19.

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No **FXD-9000-SM**, Sheets 1 through 15 of 15, titled "Series 9000 - Fixed Window Wall - Small Missile", dated 02/24/09, with revision #5 dated 10/18/17, prepared by manufacturer, signed and sealed by Hermes F. Norero, P.E.

B. TESTS

1. None.

C. CALCULATIONS

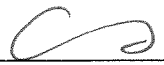
1. Anchor verification calculations and structural analysis, complying with **FBC-6th Edition (2017)**, dated 07/15/18 and revised on 10/26/18, prepared by Building Drops, Inc., signed and sealed by Hermes F. Norero, P.E.
2. Glazing complies with **ASTM E1300-09**

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. NOA No. **19-0305.02** issued to **Kuraray America, Inc.** for their "**Trosfoil Ultraclear, Clear, and Color PVB Glass Interlayers**" (formerly "**Butacite PVB**" by Dupont) dated 05/09/19, expiring on 07/08/24.



Sifang Zhao, P.E.
Product Control Examiner
NOA No. 17-1108.17
Expiration Date: June 24, 2024
Approval Date: August 08, 2019

Continental Glass Systems, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC-6th Edition (2017)**, and of no financial interest, dated October 24, 2017, issued by Building Drops, Inc., signed and sealed by Hermes Norero, P.E.

G. OTHERS

1. Notice of Acceptance No. **15-0827.15**, issued to Continental Glass Systems, Inc. for their Series “9000” Aluminum Window Wall System – S.M.I., approved on 02/27/17 and expiring on 06/24/19.



Sifang Zhao, P.E.

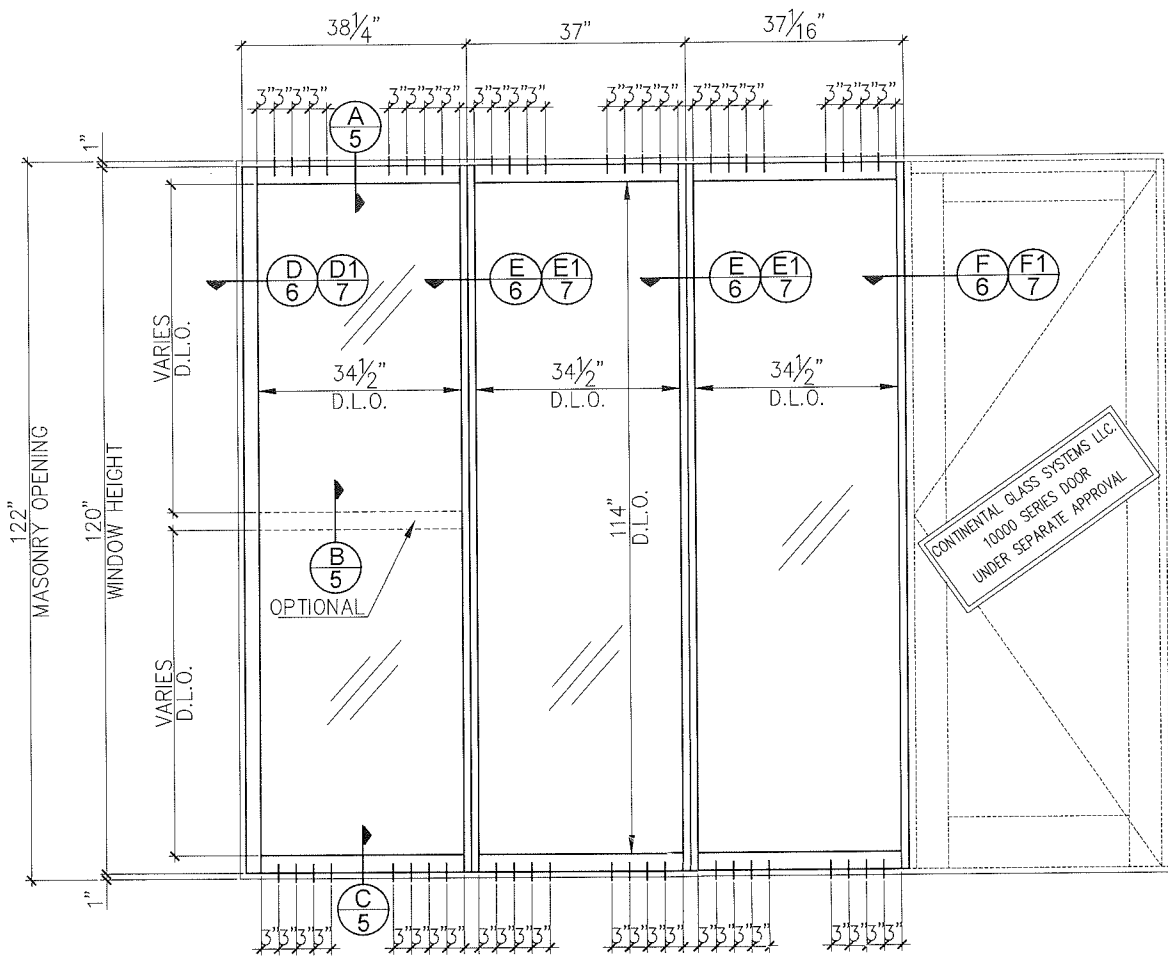
Product Control Examiner

NOA No. 17-1108.17

Expiration Date: June 24, 2024

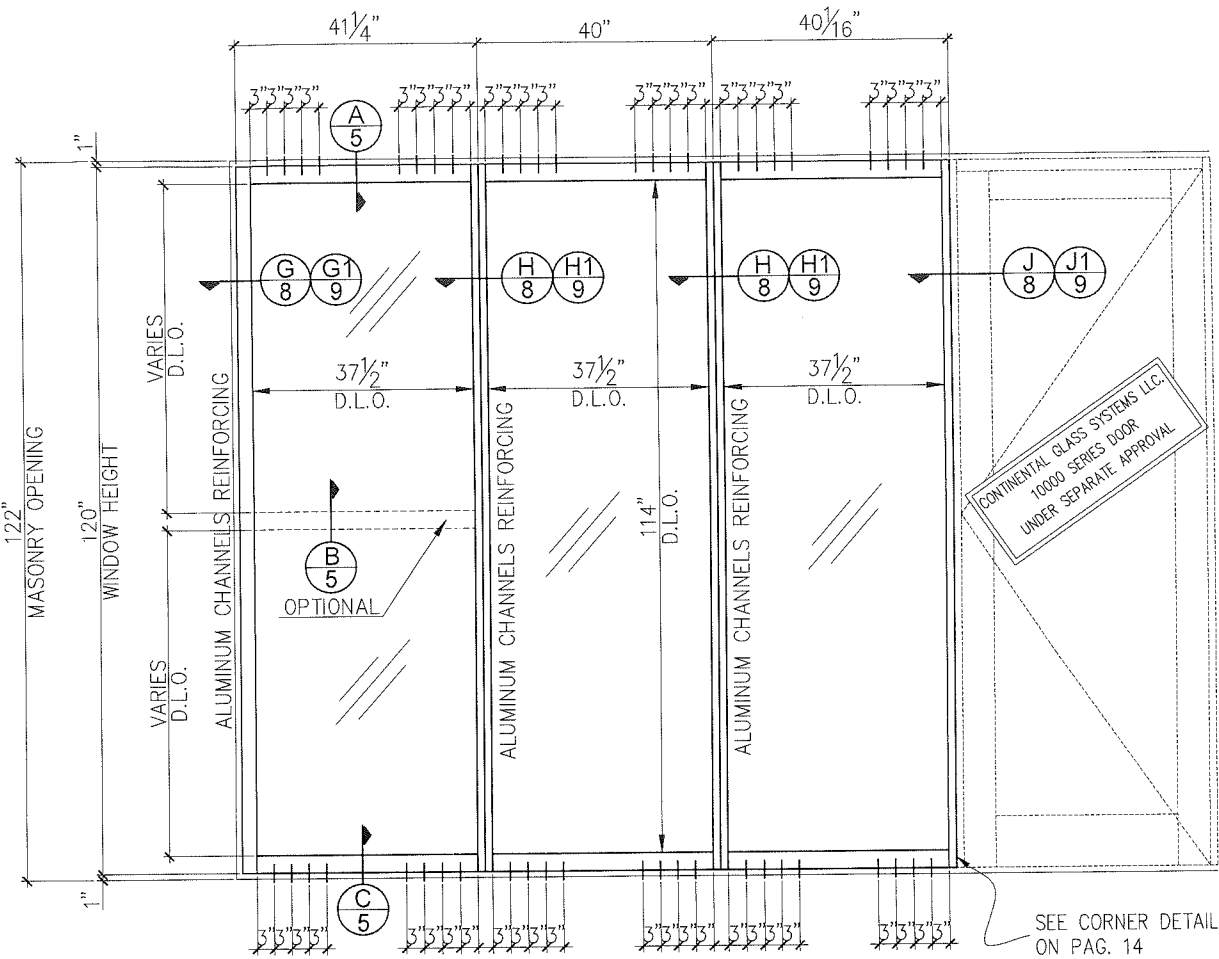
Approval Date: August 08, 2019

SERIES 9000 - FIXED WINDOW WALL SYSTEM S.M.I.



FIXED WINDOW ELEVATION
EXTERIOR VIEW

DESIGN LOAD - CAPACITY (P.S.F.)		MAXIMUM D.L.O. WIDTH	MAXIMUM D.L.O. HEIGHT
POSITIVE	NEGATIVE		
70	70	34 1/2"	114"

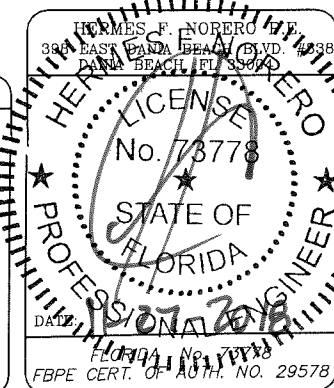
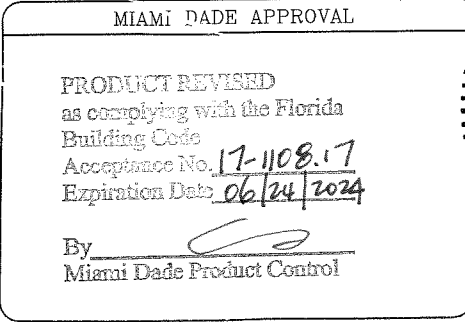


FIXED WINDOW ELEVATION
EXTERIOR VIEW

DESIGN LOAD - CAPACITY (P.S.F.)		MAXIMUM D.L.O. WIDTH	MAXIMUM D.L.O. HEIGHT
POSITIVE	NEGATIVE		
100	100	37 1/2"	114"

NOTES:

- THIS FIXED WINDOW WALL SYSTEM IS DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 6TH EDITION FLORIDA BUILDING CODE (FBC) CHAPTER 16 AND 24, UNDER THE SPECIFIC CONDITION SHOWN ON THIS DRAWING. REF. FTL 5773 DATED 08-22-08.
- ALL EXTRUSIONS ARE ALUMINUM, 6005-T5 ALLOY, WITH A MINIMUM Fy OF 35.000 P.S.I.
- SMALL MISSILE IMPACT: INSTALLATION UP TO 30 FT ABOVE GRADE WILL REQUIRE A HURRICANE PROTECTION SYSTEM. BUT FOR INSTALLATION ABOVE 30FT ABOVE GRADE WILL NOT REQUIRE A HURRICANE PROTECTION SYSTEM.
- ALL INSTALLATION ANCHORS ARE 5/16"Ø ELCO ULTRACONS WITH 1 3/4" MIN EMBEDMENT INTO 3515 PSI CONCRETE OR BETTER.
- SHIMS: USE HARD PLASTIC
- APPROVED STRUCTURAL SILICONE:
A) 795 DOW CORNING
- GLASS: 1/4" TEMPERED
0.060" BUTACITE® PVB INTERLAYER BY KURARAY AMERICA, INC.
1/4" TEMPERED



Series 9000
FIXED WINDOW WALL
SMALL MISSILE
ELEVATION

Revision		By	Description
No	Date		
3	05-30-15	S.M.	2014 FBC CC & E.O.R. CHANGE
4	07-30-16	S.M.	RER COMMENTS
5	10-18-17	A.R.	2017 CODE CHANGE

Date	FEB. 24 2009
Scale	N.T.S.
Design by	G.S.
Drawing by	RICHARD
Checked by	G.S.

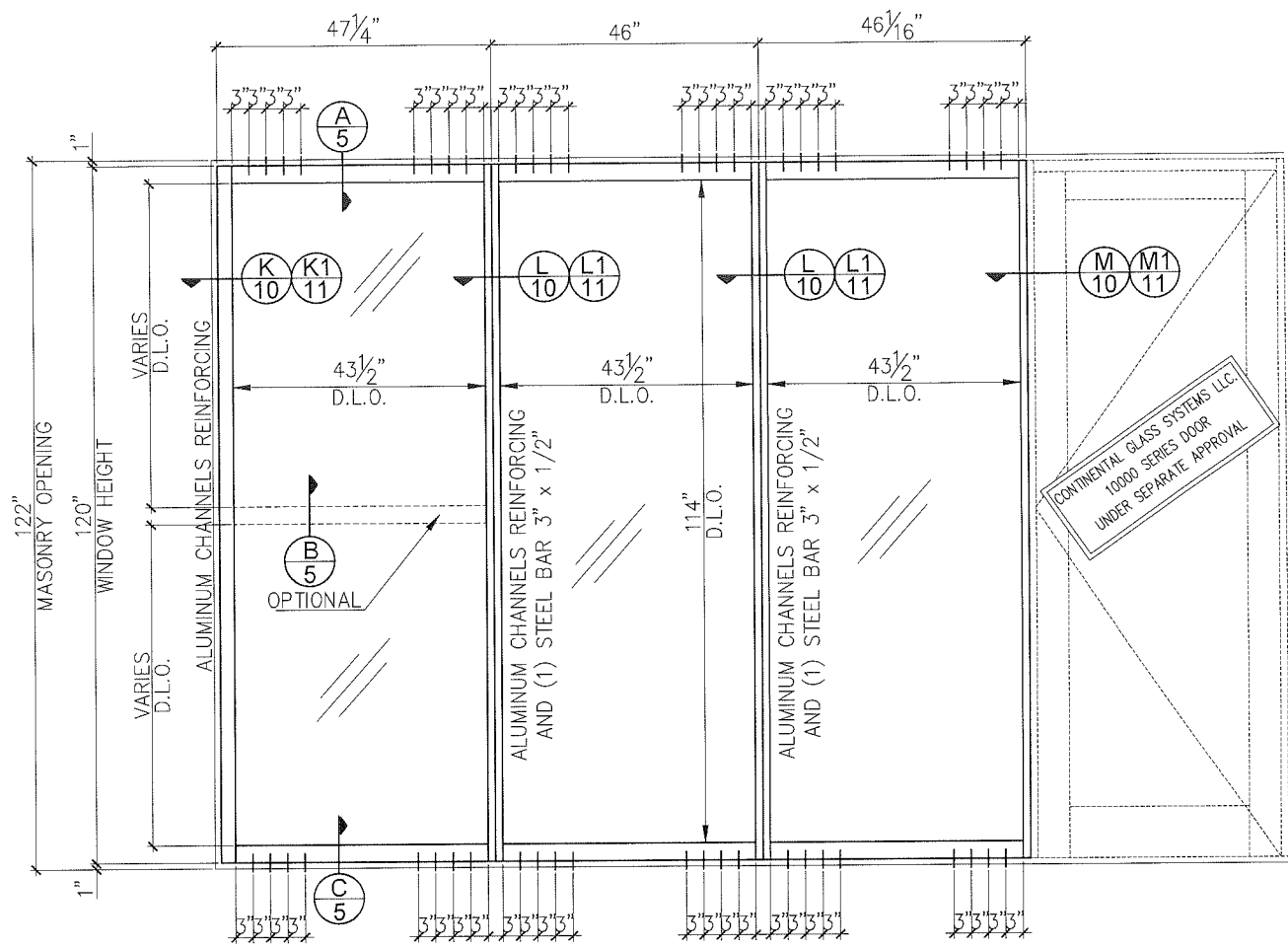
Drawing No.
FXD-9000-SM

Sheet 1 of 15

CONTINENTAL
GLASS SYSTEMS, LLC.
325 West 74 Place
Hialeah Florida, 33014

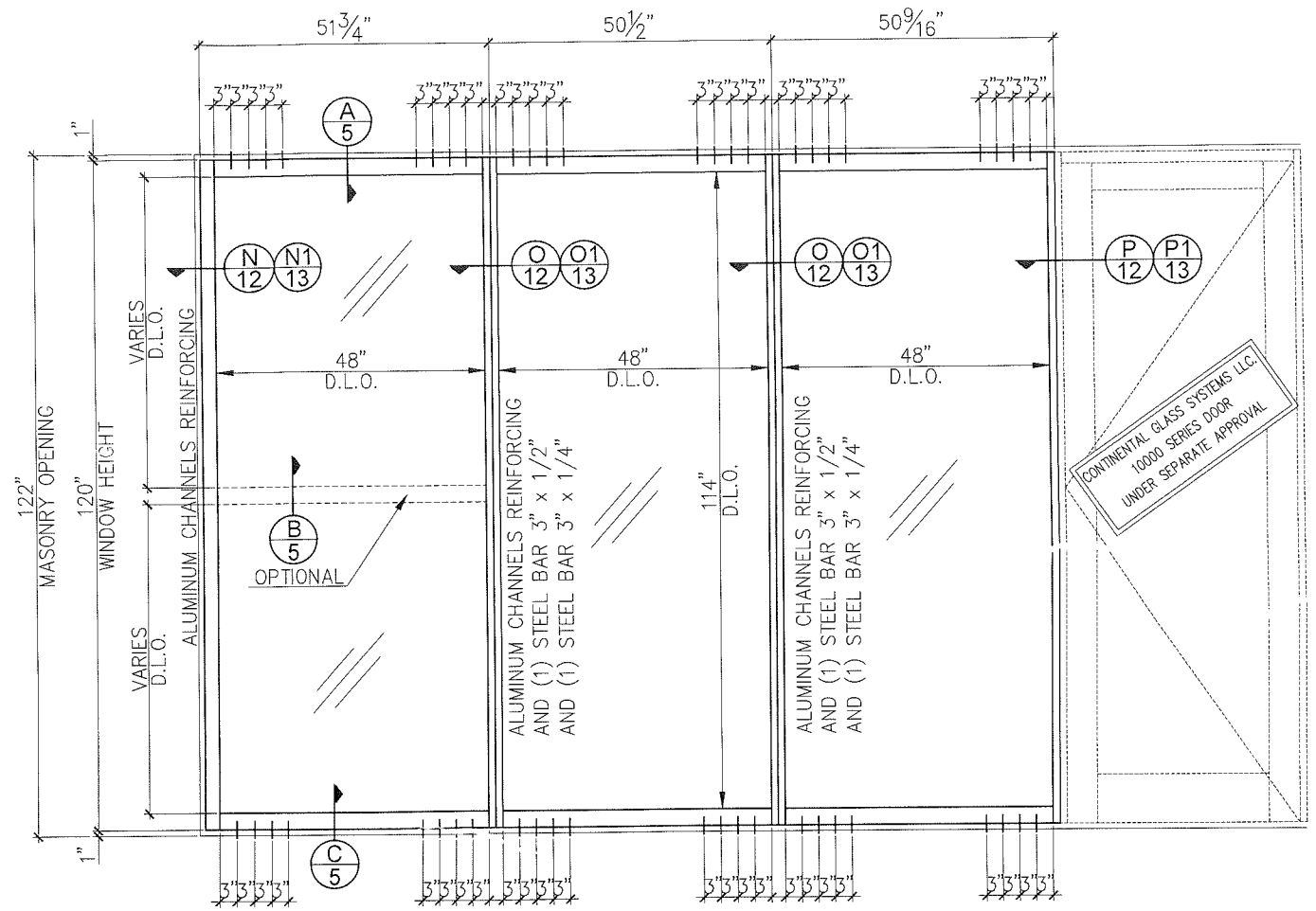
Phone 305-231-1101 Fax 305-231-1103

SERIES 9000 - FIXED WINDOW WALL SYSTEM S.M.I.



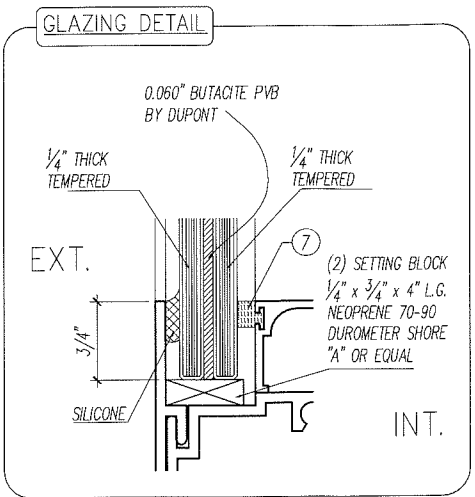
FIXED WINDOW ELEVATION
EXTERIOR VIEW

DESIGN LOAD - CAPACITY (P.S.F.)		MAXIMUM D.L.O. WIDTH	MAXIMUM D.L.O. HEIGHT
POSITIVE	NEGATIVE		
110	110	43 1/2"	114"



FIXED WINDOW ELEVATION
EXTERIOR VIEW

DESIGN LOAD - CAPACITY (P.S.F.)		MAXIMUM D.L.O. WIDTH	MAXIMUM D.L.O. HEIGHT
POSITIVE	NEGATIVE		
110	110	48"	114"



MIAMI DADE APPROVAL

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 17-1108.17
Expiration Date 06/24/2024

By
Miami Dade Product Control

HERNANDEZ, P. ENRIQUE
395 EAST PALM BEACH BLVD. #300
PALM BEACH, FL 33404

LICENSE
No. 73178
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

DATE: 11-27-2018
FLORIDA FBPE CERT. OF AUTH. NO. 29578

Revision		Description	By	Date
No	Date			
3	05-30-15	2014 FBC CC & E.O.R. CHANGE	S.M.	
4	07-30-16	RER COMMENTS	S.M.	
5	10-18-17	2017 CODE CHANGE	A.R.	

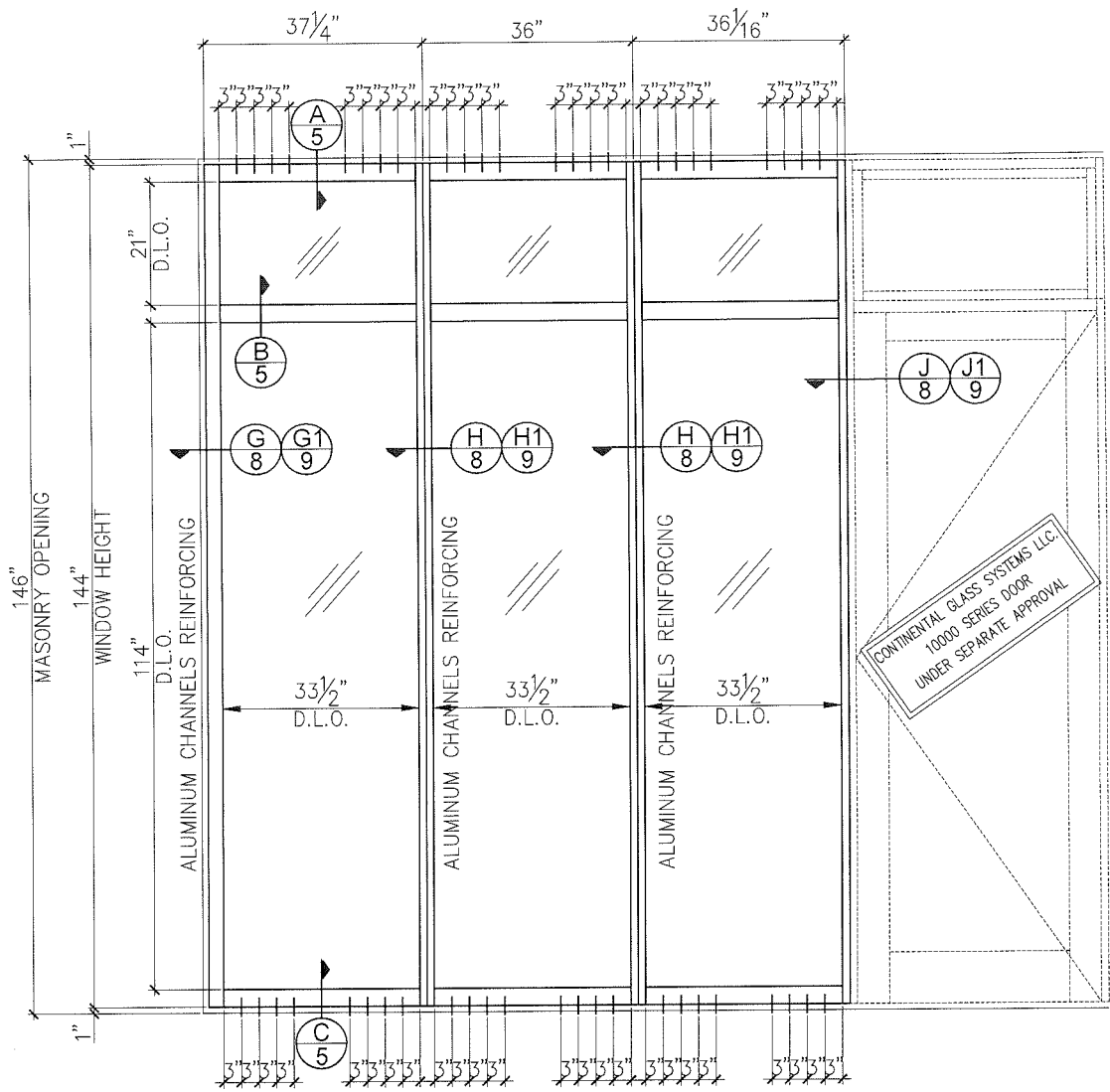
Date	FEB. 24 2009
Scale	N.T.S.
Design by	G.S.
Drawing by	RICHARD
Checked by	G.S.

Drawing No.
FXD-9000-SM

CONTINENTAL
GLASS SYSTEMS, LLC.
325 West 74 Place
Hialeah Florida, 33014
Phone 305-231-1101 Fax 305-231-1103

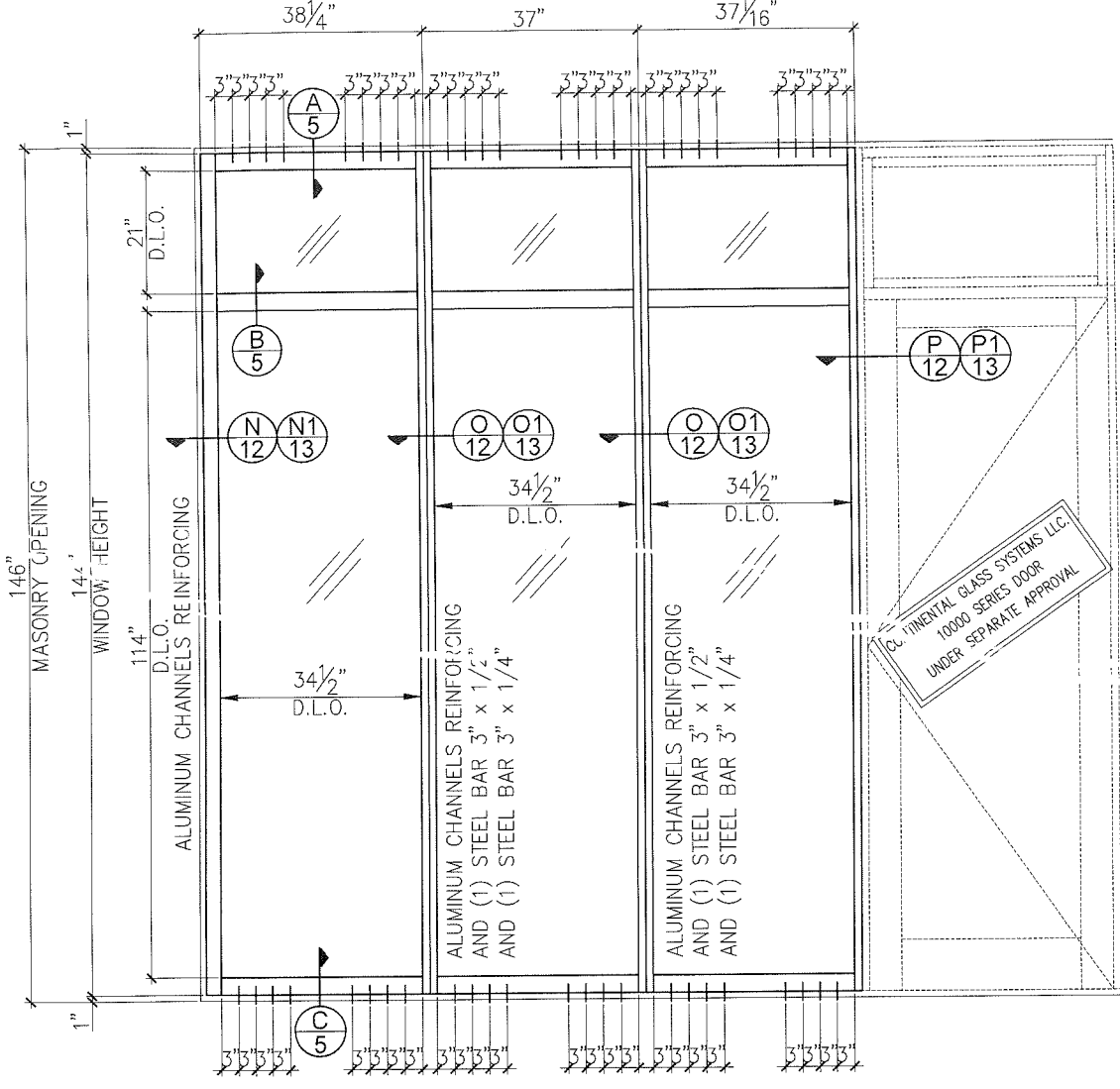
Series 9000
FIXED WINDOW WALL
SMALL MISSILE
ELEVATION

SERIES 9000 - FIXED WINDOW WALL SYSTEM S.M.I.



FIXED WINDOW ELEVATION
EXTERIOR VIEW

DESIGN LOAD - CAPACITY (P.S.F.)		MAXIMUM D.L.O. WIDTH	MAXIMUM D.L.O. HEIGHT
POSITIVE	NEGATIVE		
60	60	33 1/2"	114"



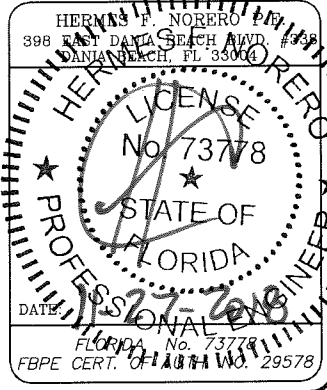
FIXED WINDOW ELEVATION
EXTERIOR VIEW

DESIGN LOAD - CAPACITY (P.S.F.)		MAXIMUM D.L.O. WIDTH	MAXIMUM D.L.O. HEIGHT
POSITIVE	NEGATIVE		
90	90	34 1/2"	114"

MIAMI DADE APPROVAL

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 17-1108.17
Expiration Date 06/24/2024

By
Miami Dade Product Control



Revision		By	Description
No	Date		
3	05-30-15	S.M.	2014 FBC CC & E.O.R. CHANGE
4	07-30-16	S.M.	REVISION COMMENTS
5	10-18-17	A.R.	2017 CODE CHANGE

Date	FEB. 24 2009
Scale	N.T.S.
Design by	G.S.
Drawing by	RICHARD
Checked by	G.S.

Drawing No.
FXD-9000-SM

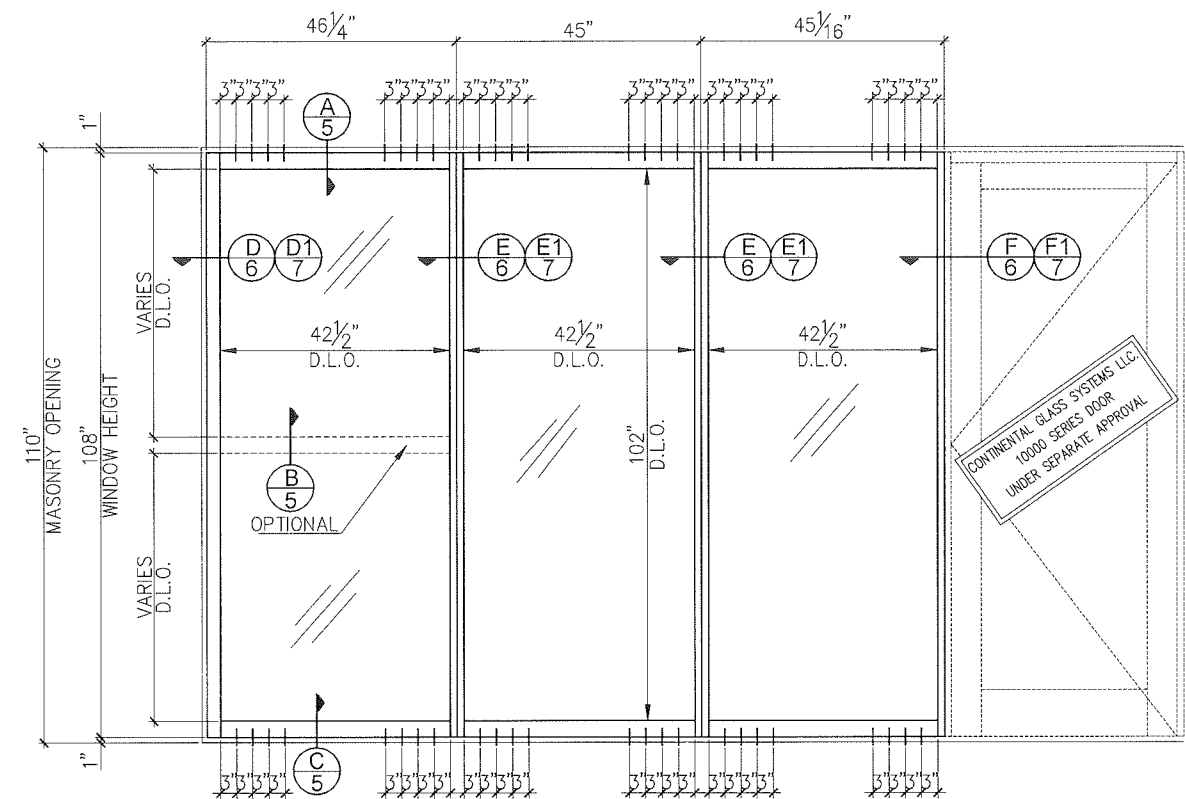
Sheet 3 of 15

Series: 9000
FIXED WINDOW WALL
SMALL MISSILE
ELEVATION

CONTINENTAL
GLASS SYSTEMS, LLC.
325 West 74 Place
Hialeah Florida, 33014

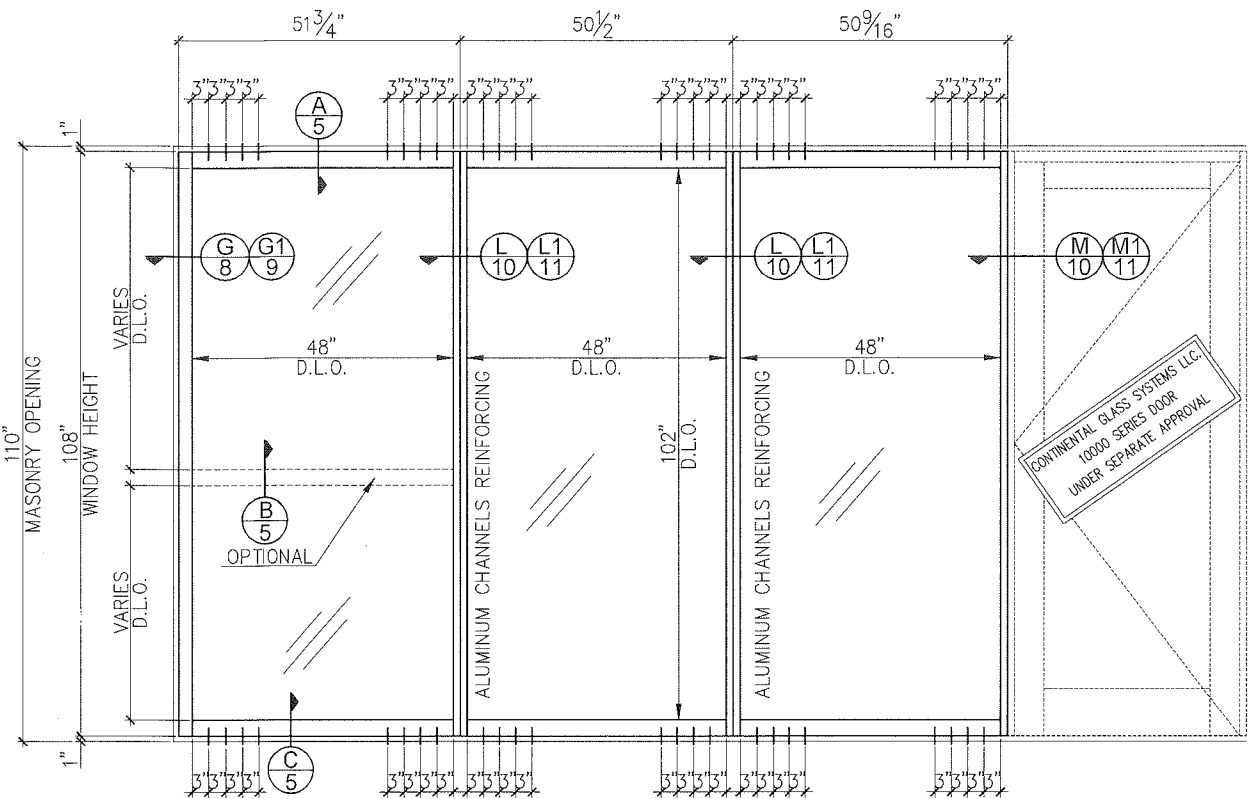
Phone 305-231-1101 Fax 305-231-1103

SERIES 9000 - FIXED WINDOW WALL SYSTEM S.M.I.



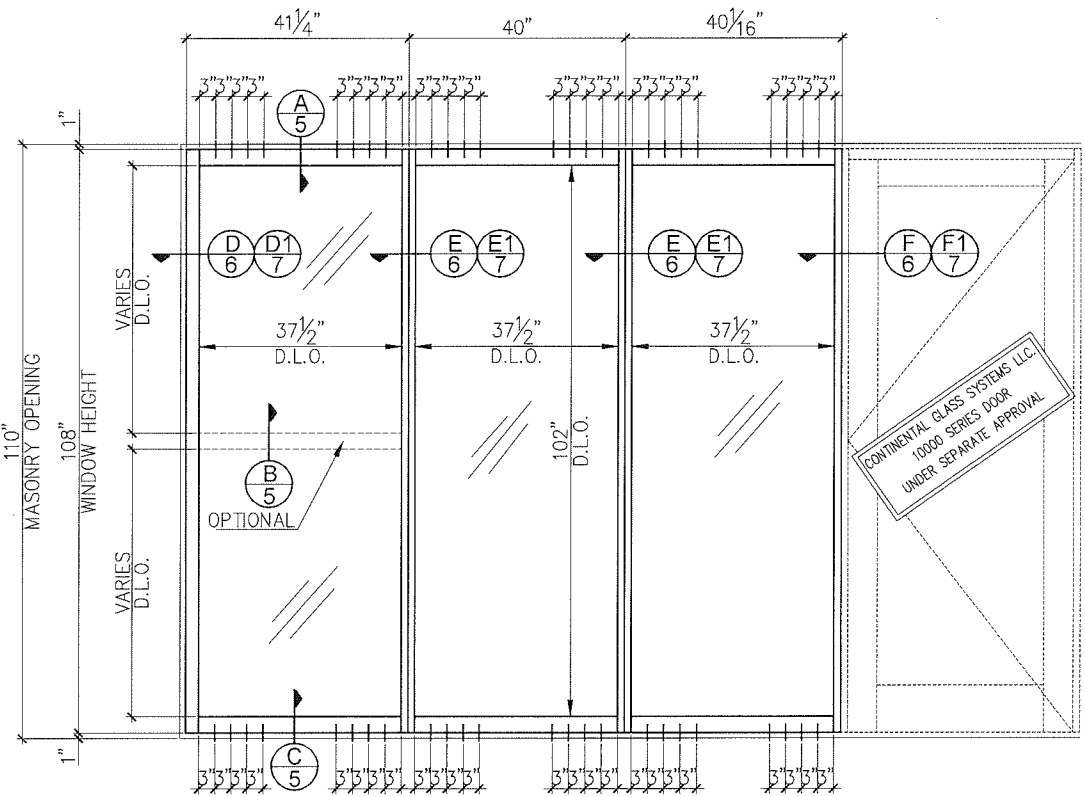
FIXED WINDOW ELEVATION
EXTERIOR VIEW

DESIGN LOAD - CAPACITY (P.S.F.)		MAXIMUM D.L.O. WIDTH	MAXIMUM D.L.O. HEIGHT
POSITIVE	NEGATIVE		
80	80	42 1/2"	102"



FIXED WINDOW ELEVATION
EXTERIOR VIEW

DESIGN LOAD - CAPACITY (P.S.F.)		MAXIMUM D.L.O. WIDTH	MAXIMUM D.L.O. HEIGHT
POSITIVE	NEGATIVE		
110	110	48"	102"



FIXED WINDOW ELEVATION
EXTERIOR VIEW

DESIGN LOAD - CAPACITY (P.S.F.)		MAXIMUM D.L.O. WIDTH	MAXIMUM D.L.O. HEIGHT
POSITIVE	NEGATIVE		
90	90	37 1/2"	102"

MIAMI DADE APPROVAL

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 17-1108-17
Expiration Date 06/24/2024

By
Miami Dade Product Control

HERNAN F. VORTRO P.E.
398 EAST DANAL BEACH BLVD #338
MIAMI BEACH, FL 33139

FLORIDA PROFESSIONAL ENGINEER
No. 73778
STATE OF FLORIDA

DATE: 11/20/2018
FLORIDA PROFESSIONAL ENGINEER
No. 73778
FBPE CERT. OF AUTH. NO. 29578

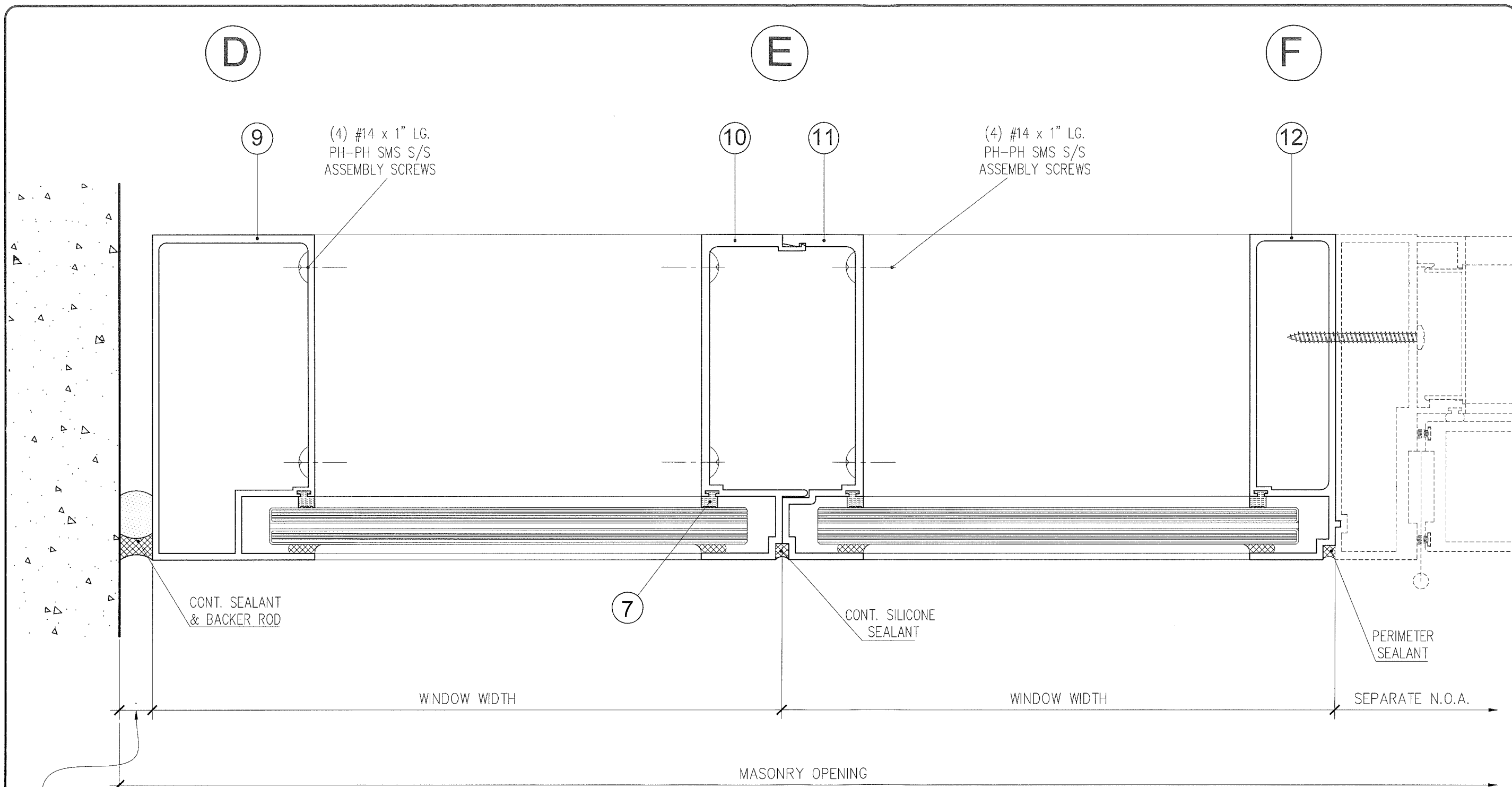
Series 9000
FIXED WINDOW WALL
SMALL MISSILE
ELEVATION

Revision		By	Description
No	Date		
1	05-30-15	S.M.	2014 FBC CC & E.O.R. CHANGE
2	07-30-16	S.M.	RER COMMENTS
3	10-18-17	A.R.	2017 CODE CHANGE

Date	FEB. 24 2009
Scale	N.T.S.
Design by	G.S.
Drawing by	RICHARD
Checked by	G.S.

Drawing No.
FXD-9000-SM

CONTINENTAL
GLASS SYSTEMS, LLC.
325 West 74 Place
Hialeah Florida, 33014
Phone 305-231-1101 Fax 305-231-1103



1" MIN. } FOR 120" HIGH PANELS
1.63" MAX.

1.13" MIN. } FOR 144" HIGH PANELS
1.75" MAX.

NOTES:
1. BACKER ROD DIAMETER
EQUALS SEAL WIDTH X 120%
2. SEALANT DEPTH IS 1/2".

EXTERIOR

MIAMI DADE APPROVAL

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 17-1108.17
Expiration Date 06/24/2024

By [Signature]
Miami Dade Product Control

HERMES ENGINEERING, P.C.
398 EAST DANA BEACH BLVD. #308
DANA BEACH, FL 33444

FLORIDA PROFESSIONAL ENGINEER
LICENSE No. 73778
DATE 08-27-2018
FBPE CERT. AUTH. NO. 129578

CONTINENTAL
GLASS SYSTEMS, LLC.
325 West 74 Place
Hialeah Florida, 33014
Phone 305-231-1101 Fax 305-231-1103

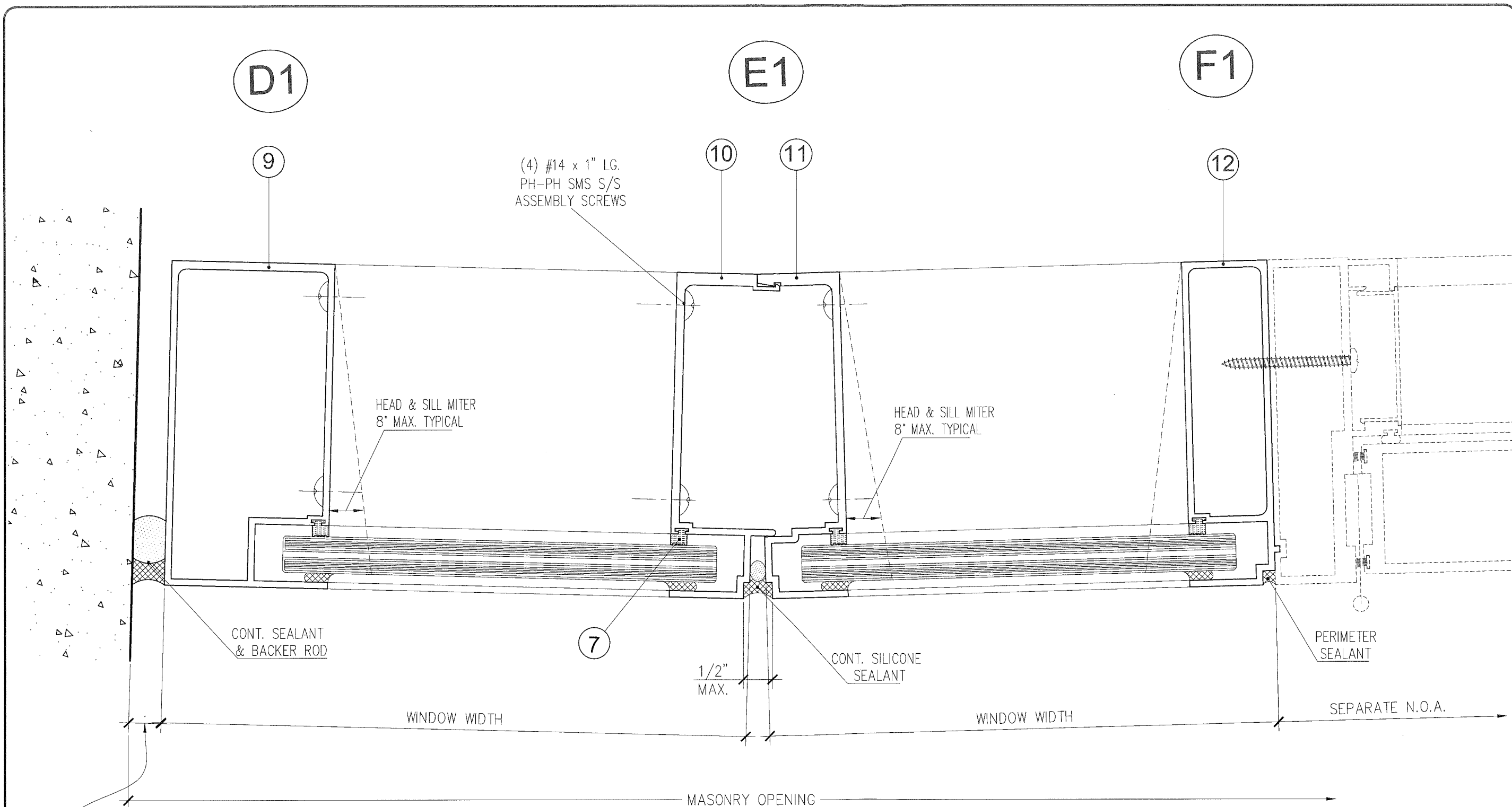
Series 9000
FIXED WINDOW WALL
SMALL MISSILE
HORIZONTAL DETAIL

Revision			
No	Date	By	Description
3	05-30-15	S.M.	2014 FBC CC & E.O.R. CHANGE
4	07-30-16	S.M.	REVISION COMMENTS
5	10-18-17	A.R.	2017 CODE CHANGE

Date	FEB. 24 2009
Scale	N.T.S.
Design by	G.S.
Drawing by	RICHARD
Checked by	G.S.

Drawing No.
FXD-9000-SM

Sheet 6 of 15



1" MIN. } FOR 120" HIGH PANELS
1.63" MAX.

1.13" MIN. } FOR 144" HIGH PANELS
1.75" MAX.

NOTES:
1. BACKER ROD DIAMETER
EQUALS SEAL WIDTH X 120%
2. SEALANT DEPTH IS 1/2".

MIAMI DADE APPROVAL

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 17-1108-17
Expiration Date 06/24/2024

By [Signature]
Miami Dade Product Control

HERNANDEZ, P. ENG.
395 EAST PALM BEACH BLVD. #333
DADE COUNTY, FL 33004

PROFESSIONAL ENGINEER
STATE OF FLORIDA
LICENSE No. 73778
DATE: 11-01-2018
FLORIDA
FBPE CERT. OF AUTH. NO. 29578

CONTINENTAL
GLASS SYSTEMS, LLC.
325 West 74 Place
Hialeah Florida, 33014
Phone 305-231-1101 Fax 305-231-1103

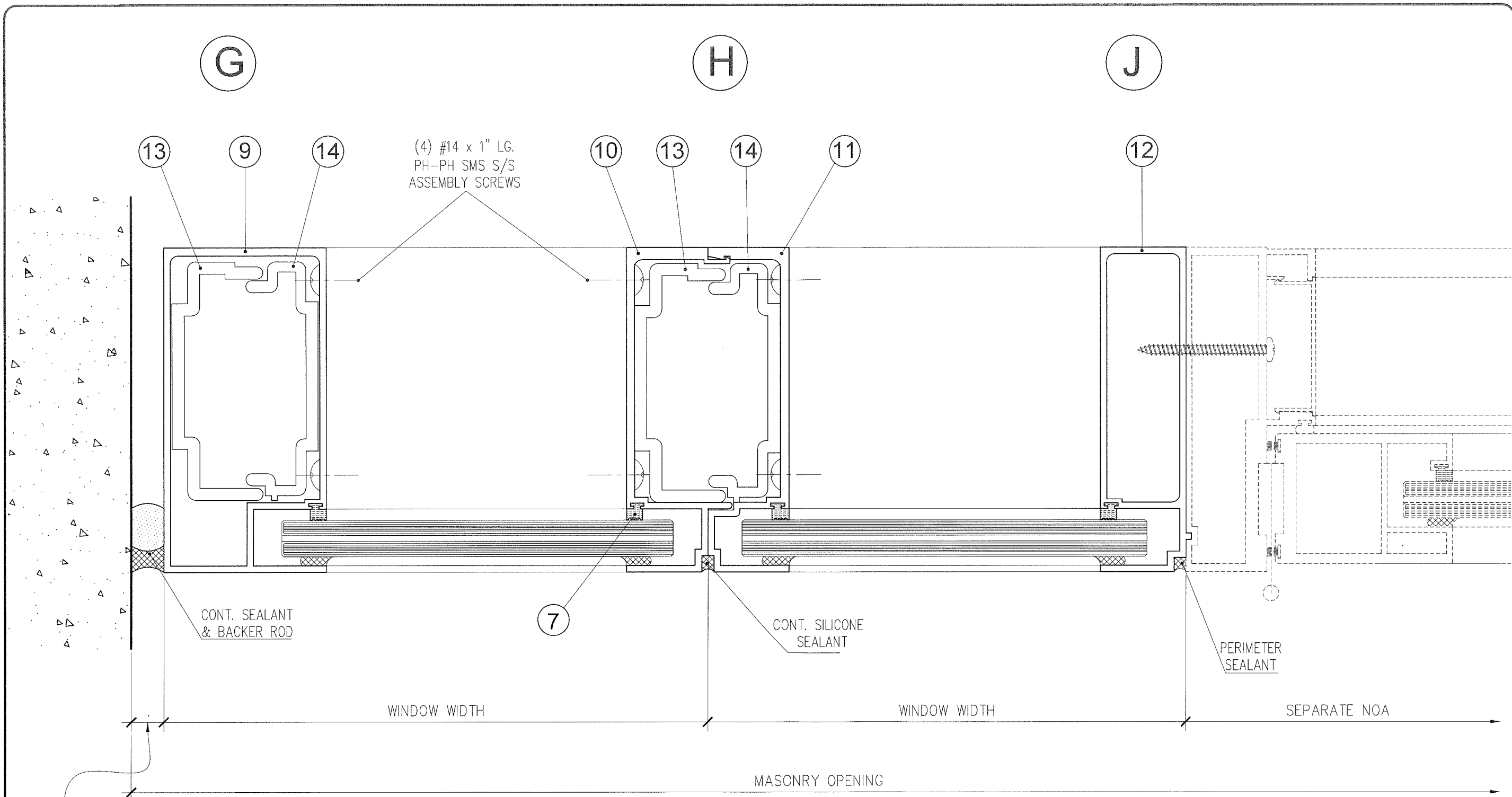
Series 9000
FIXED WINDOW WALL
SMALL MISSILE
HORIZONTAL DETAIL

Revision		Description	
No	Date	By	
3	05-30-15	S.M.	2014 FBC CC & E.O.R. CHANGE
4	07-30-16	S.M.	REVISION COMMENTS
5	10-18-17	A.R.	2017 CODE CHANGE

Date	FEB. 24 2009
Scale	N.T.S.
Design by	G.S.
Drawing by	RICHARD
Checked by	G.S.

Drawing No.
FXD-9000-SM

Sheet 7 of 15



1" MIN. } FOR 120" HIGH PANELS
1.63" MAX.

1.13" MIN. } FOR 144" HIGH PANELS
1.75" MAX.

NOTES:
1. BACKER ROD DIAMETER
EQUALS SEAL WIDTH X 120%
2. SEALANT DEPTH IS 1/2".

EXTERIOR

MIAMI DADE APPROVAL

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 17-1108.17
Expiration Date 06/24/2024

By: *Ca*
Miami Dade Product Control

HERNANDEZ, NOBREGA, P.E.
398 EAST DUNE BEACH BLVD #330
DANIA BEACH, FL 33004

FLORIDA PROFESSIONAL ENGINEER
No. 73778
STATE OF FLORIDA

DATE: 11-9-2018
FBPE CERT. OF AUTH. NO. 29578

Revision			
No	Date	By	Description
1	05-30-15	S.M.	2014 FBC CC & E.O.R. CHANGE
2	07-30-16	S.M.	REVISION COMMENTS
3	10-18-17	A.R.	2017 CODE CHANGE

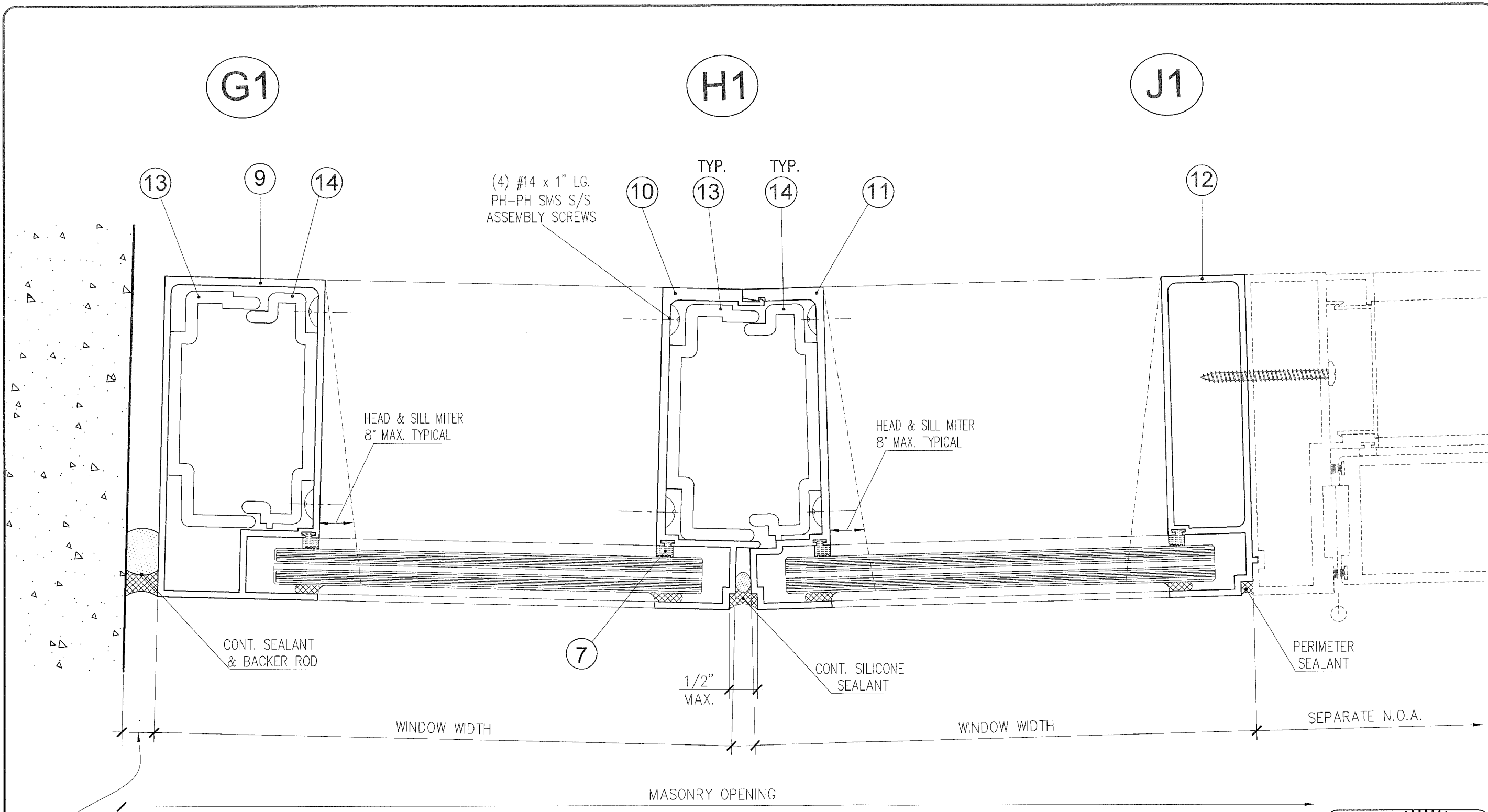
Date: FEB. 24 2009
File: N.T.S.
Design by: G.S.
Drawing by: RICHARD
Checked by: G.S.

Drawing No.
FXD-9000-SM

Sheet 8 of 15

CONTINENTAL
GLASS SYSTEMS, LLC.
325 West 74 Place
Hialeah Florida, 33014
Phone 305-231-1101 Fax 305-231-1103

Series 9000
FIXED WINDOW WALL
SMALL MISSILE
HORIZONTAL DETAIL



1" MIN. } FOR 120" HIGH PANELS
1.63" MAX. }

1.13" MIN. } FOR 144" HIGH PANELS
1.75" MAX. }

NOTES:
1. BACKER ROD DIAMETER
EQUALS SEAL WIDTH X 120%
2. SEALANT DEPTH IS 1/2".

EXTERIOR

MIAMI DADE APPROVAL

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 17-1109.17
Expiration Date 06/24/2024

By [Signature]
Miami Dade Product Control

HERMES ENGINEERING
398 EAST DANIA BEACH BLVD.
DANIA BEACH, FL 33444

PROFESSIONAL ENGINEER
LICENSE
No. 73778
STATE OF
FLORIDA
DATE 03-27-2009
FBPE CERT. 0714474 AND 129578

CONTINENTAL
GLASS SYSTEMS, LLC.
325 West 74 Place
Hialeah Florida, 33014
Phone 305-231-1101 Fax 305-231-1103

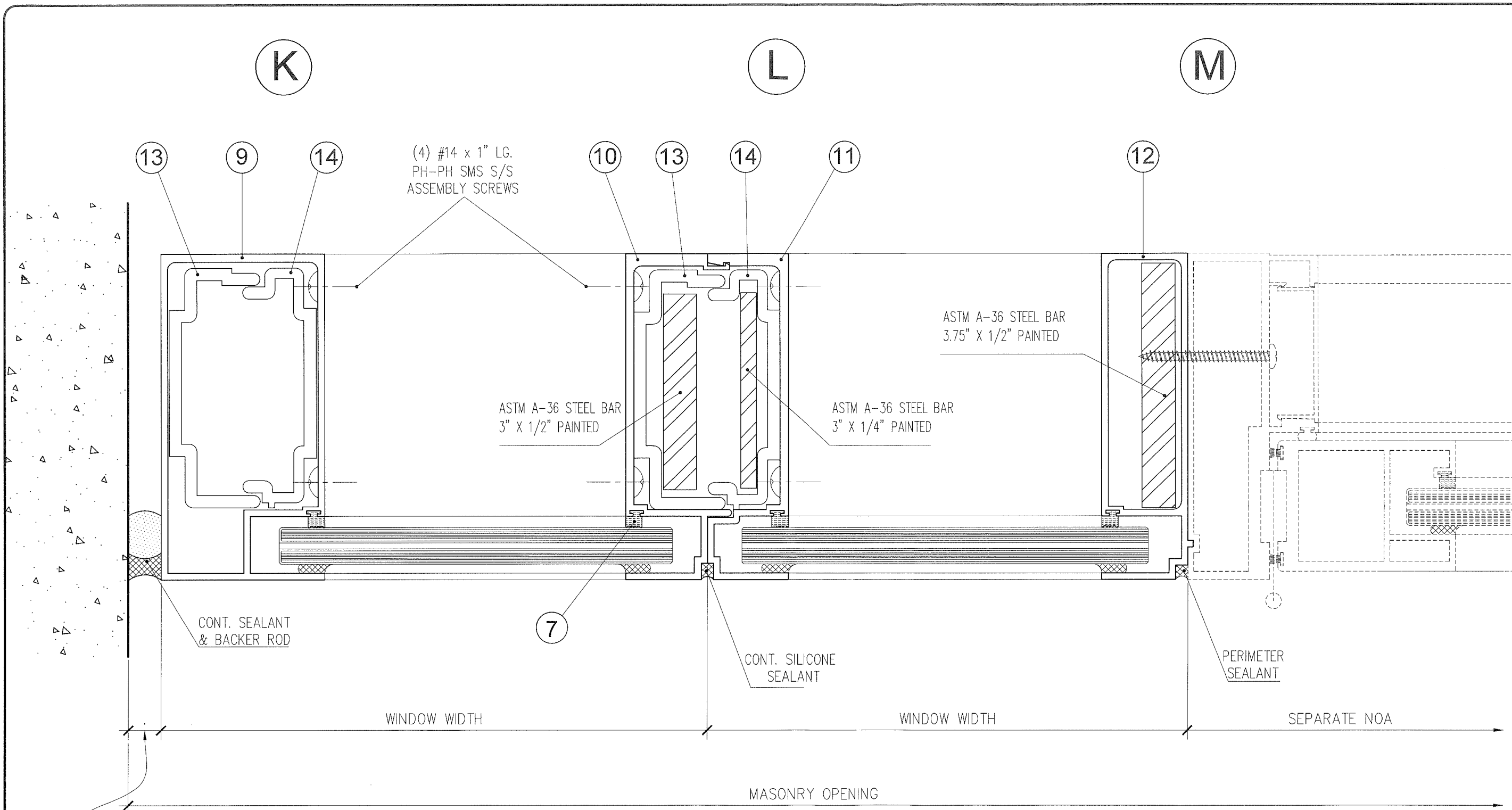
Series 9000
FIXED WINDOW WALL
SMALL MISSILE
HORIZONTAL DETAIL

Revision		Description	
No	Date	By	
3	05-30-15	S.M.	2014 FBC CC & E.O.R. CHANGE
4	07-30-16	S.M.	REVISION COMMENTS
5	10-18-17	A.R.	2017 CODE CHANGE

Date FEB. 24 2009
Scale N.T.S.
Design by G.S.
Drawing by RICHARD
Checked by G.S.

Drawing No.
FXD-9000-SM

Sheet 9 of 15



1" MIN. } FOR 120" HIGH PANELS
1.63" MAX. }

1.13" MIN. } FOR 144" HIGH PANELS
1.75" MAX. }

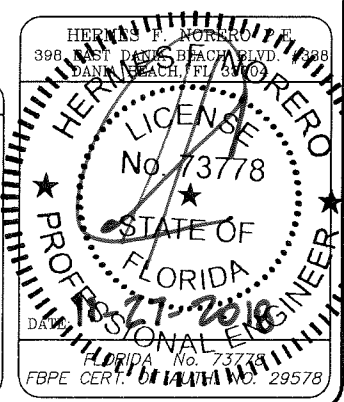
NOTES:
1. BACKER ROD DIAMETER
EQUALS SEAL WIDTH X 120%
2. SEALANT DEPTH IS 1/2".

EXTERIOR

MIAMI DADE APPROVAL

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 17-1108.17
Expiration Date 06/24/2024

By [Signature]
Miami Dade Product Control



CONTINENTAL
GLASS SYSTEMS, LLC.
325 West 74 Place
Hialeah Florida, 33014
Phone 305-231-1101 Fax 305-231-1103

Series 9000
FIXED WINDOW WALL
SMALL MISSILE
HORIZONTAL DETAIL

Revision		By		Description	
No	Date				
1	05-30-15	S.M.		2014 FBC CC & E.O.R. CHANGE	
2	07-30-16	S.M.		RER COMMENTS	
3	10-18-17	A.R.		2017 CODE CHANGE	

Date FEB. 24 2009
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Drawing No.
FXD-9000-SM

Sheet 10 of 15

K1

L1

M1

(4) #14 x 1" LG.
PH-PH SMS S/S
ASSEMBLY SCREWS

ASTM A-36 STEEL BAR
3" X 1/4" PAINTED

ASTM A-36 STEEL BAR
3.75" X 1/2" PAINTED

HEAD & SILL MITER
8" MAX. TYPICAL

ASTM A-36 STEEL BAR
3" X 1/2" PAINTED

HEAD & SILL MITER
8" MAX. TYPICAL

CONT. SEALANT
& BACKER ROD

CONT. SILICONE
SEALANT

PERIMETER
SEALANT

1/2"
MAX.

WINDOW WIDTH

WINDOW WIDTH

SEPARATE N.O.A.

MASONRY OPENING

1" MIN. } FOR 120" HIGH PANELS
1.63" MAX. }

1.13" MIN. } FOR 144" HIGH PANELS
1.75" MAX. }

NOTES:

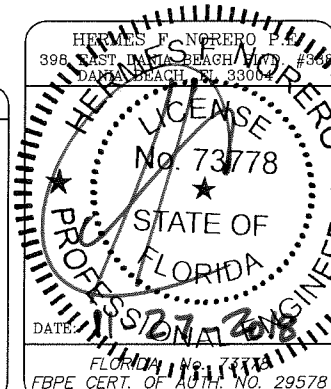
1. BACKER ROD DIAMETER
EQUALS SEAL WIDTH X 120%
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EXTERIOR

MIAMI DADE APPROVAL

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as complying with the Florida
Building Code
Acceptance No. 17-1102.17
Expiration Date 06/24/2024

By [Signature]
Miami Dade Product Control



CONTINENTAL
GLASS SYSTEMS, LLC.

325 West 74 Place
Hialeah Florida, 33014
Phone 305-231-1101 Fax 305-231-1103

Series 9000
FIXED WINDOW WALL
SMALL MISSILE

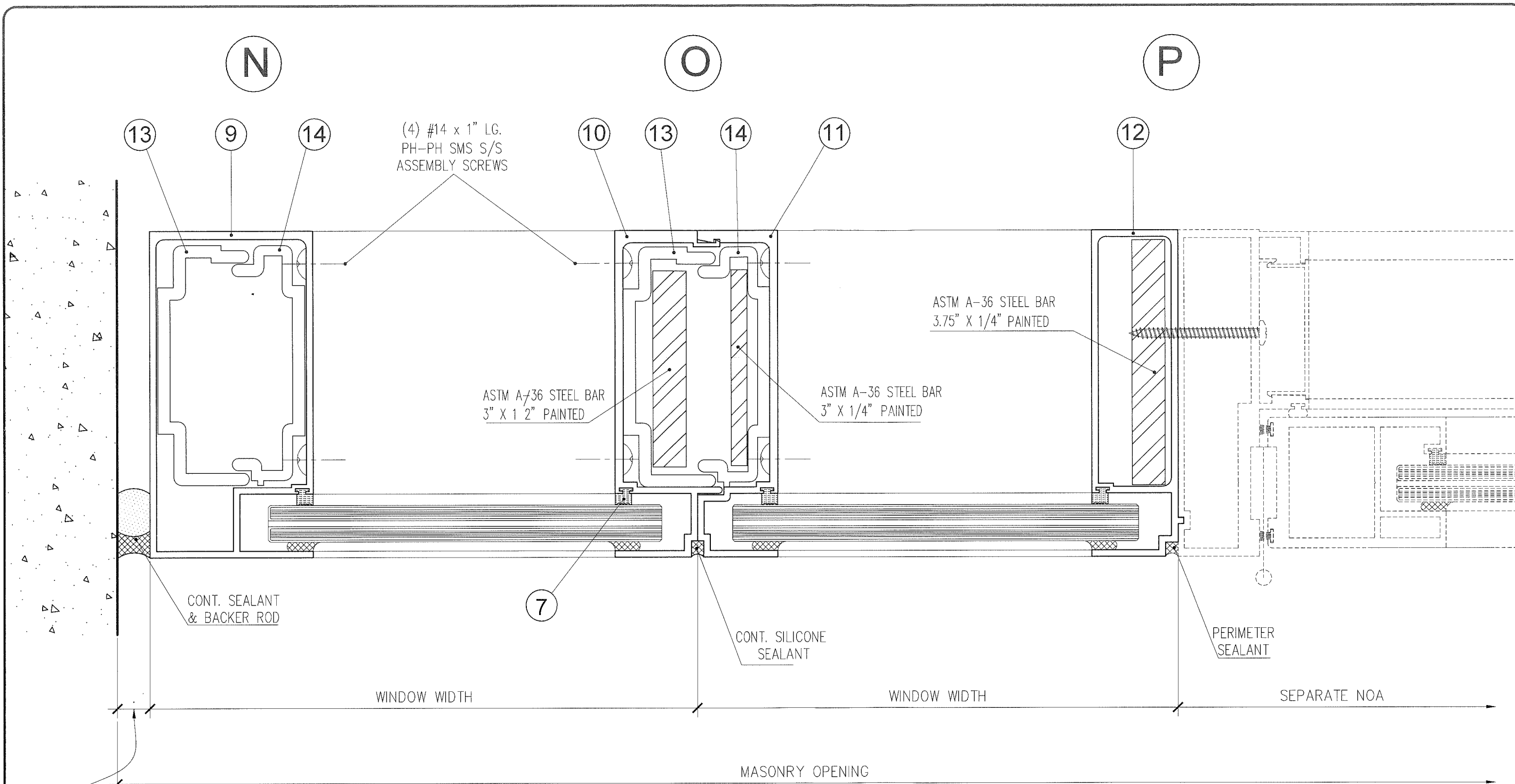
HORIZONTAL DETAIL

Revision		Description	
No	Date	By	
1	05-30-15	S.M.	2014 FBC CC & E.O.R. CHANGE
2	07-30-16	S.M.	RER COMMENTS
3	10-18-17	A.R.	2017 CODE CHANGE

Date	FEB. 24 2009
Scale	N.T.S.
Design by	G.S.
Drawing by	RICHARD
Checked by	G.S.

Drawing No.
FXD-9000-SM

Sheet 11 of 15



1" MIN. } FOR 120" HIGH PANELS
1.63" MAX. }

1.13" MIN. } FOR 144" HIGH PANELS
1.75" MAX. }

NOTES:
1. BACKER ROD DIAMETER
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EXTERIOR

MIAMI DADE APPROVAL

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 17-1108.17
Expiration Date 06/24/2024

By [Signature]
Miami Dade Product Control

HERMES A. NORERO
398 EAST DANIEL BEACH BLVD.
DADE COUNTY, FL 33000

PROFESSIONAL ENGINEER
No. 73778
STATE OF FLORIDA

DATE 12/27/2018
FLORIDA No. 73778
FBPE CERT. OF AUTH. NO. 29578

Revision				
No	Date	By	Description	
1	05-30-15	S.M.	2014 FBC CC & E.O.R. CHANGE	
2	07-30-16	S.M.	RER COMMENTS	
3	10-18-17	A.R.	2017 CODE CHANGE	

DATE FEB. 24 2009
Scale N.T.S.
Design by G.S.
Drawing by RICHARD
Checked by G.S.

Drawing No.
FXD-9000-SM

Sheet 12 of 15

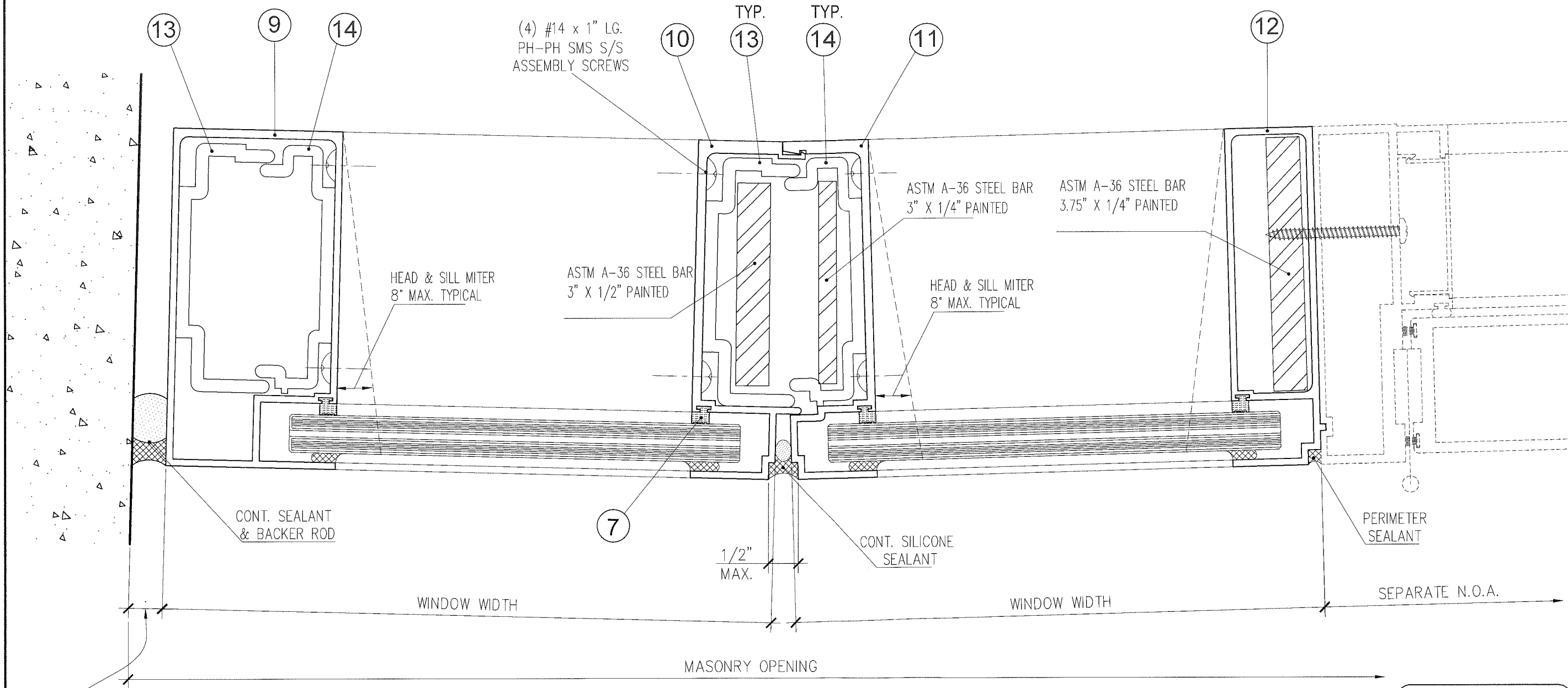
CONTINENTAL
GLASS SYSTEMS, LLC.
325 West 74 Place
Hialeah Florida, 33014
Phone 305-231-1101 Fax 305-231-1103

Series 9000
FIXED WINDOW WALL
SMALL MISSILE
HORIZONTAL DETAIL

N1

O1

P1



1" MIN. } FOR 120" HIGH PANELS
1.63" MAX. }

1.13" MIN. } FOR 144" HIGH PANELS
1.75" MAX. }

NOTES:
1. BACKER ROD DIAMETER
EQUALS SEAL WIDTH X 120%
2. SEALANT DEPTH IS 1/2".

EXTERIOR

MIAMI DADE APPROVAL

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 17-1108-17
Expiration Date 06/24/2024

By [Signature]
Miami Dade Product Control

HERMES F. NORERO P.E.
398 EAST DANFORTH AVE. #338
DANIA BEACH, FL 33004

HERMES F. NORERO
LICENSE
No. 73778
STATE OF
FLORIDA
FBPE No. 29578

Revision		Description	
No	Date	By	
1	05-30-15	S.M.	2014 FBC CC & E.O.R. CHANGE
2	07-30-16	S.M.	RER COMMENTS
3	10-18-17	A.R.	2017 CODE CHANGE

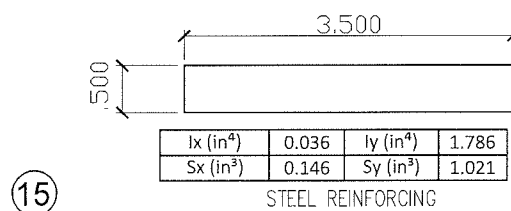
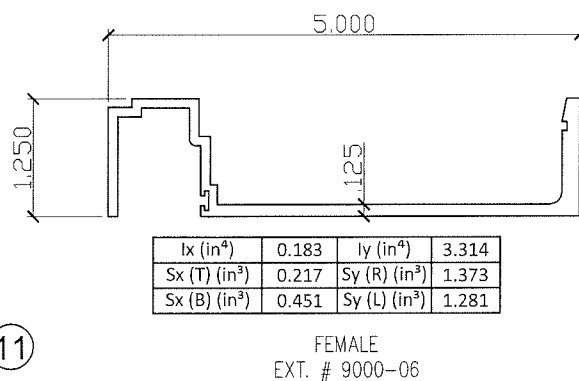
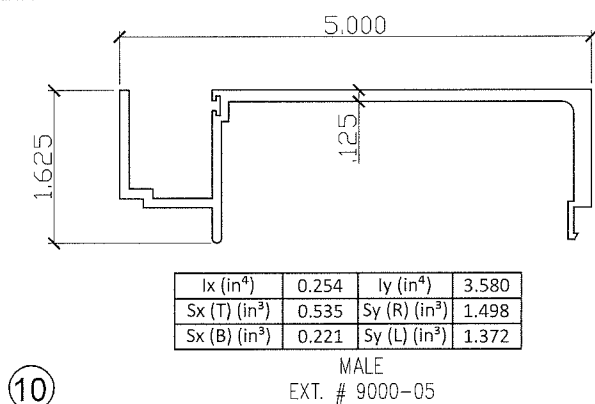
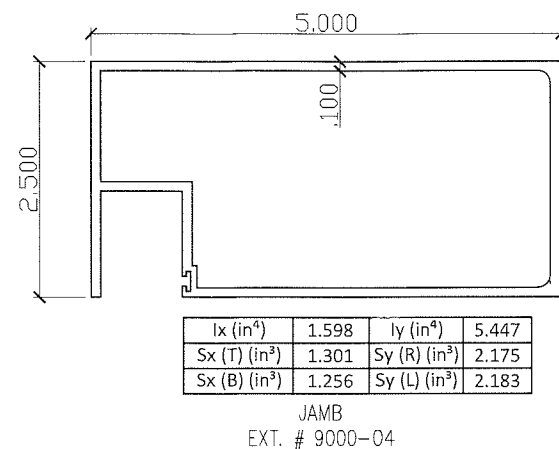
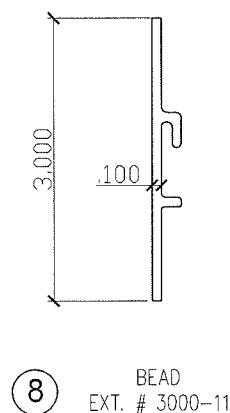
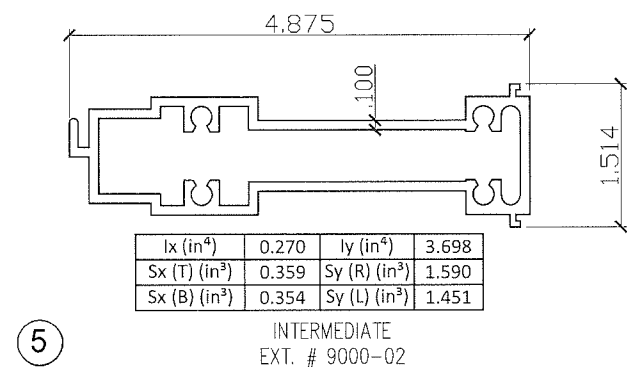
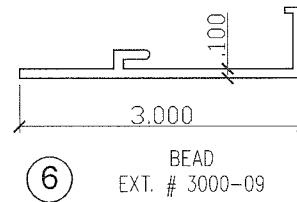
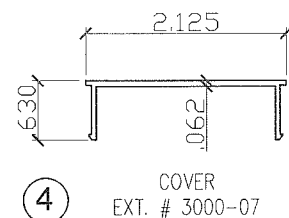
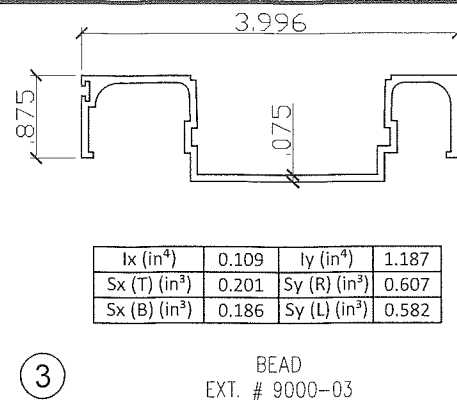
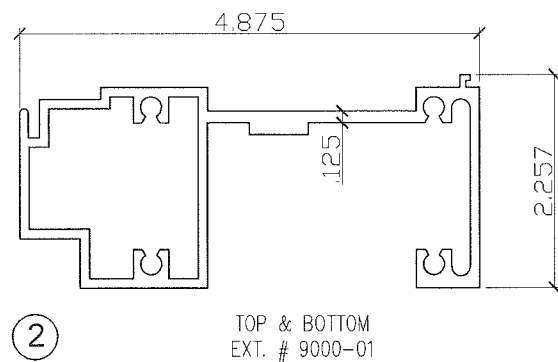
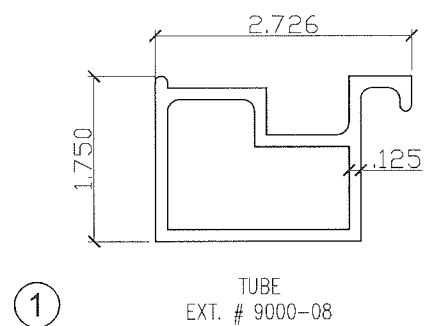
Date	FEB. 24 2009
Scale	N.T.S.
Design by	G.S.
Drawing by	RICHARD
Checked by	G.S.

Drawing No.
FXD-9000-SM

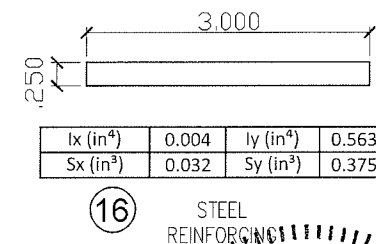
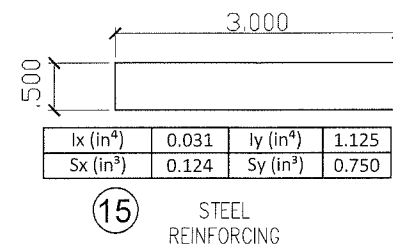
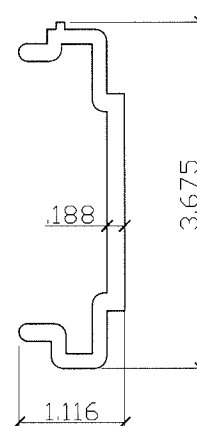
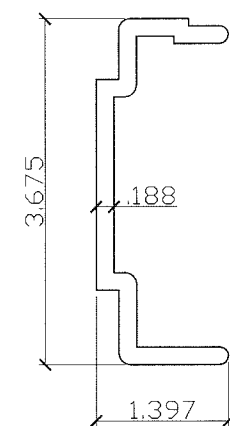
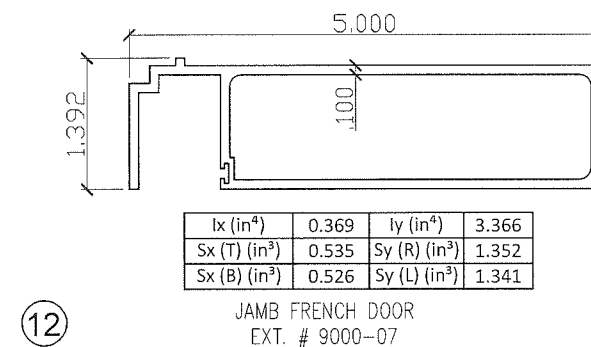
Sheet 13 of 15

Series 9000
FIXED WINDOW WALL
SMALL MISSILE
HORIZONTAL DETAIL

CONTINENTAL
GLASS SYSTEMS, LLC.
325 West 74 Place
Hialeah Florida, 33014
Phone 305-231-1101 Fax 305-231-1103



FIXED WINDOW	ITEM #	PART NUMBER	PART NAME	ALLOY & TEMPERED
	1	9000 - 08	TUBE LENGTH 15"	6005-T5
	2	9000 - 01	TOP & BOTTOM	6005-T5
	3	9000 - 03	BEAD	6005-T5
	4	3000 - 07	COVER	6005-T5
	5	9000 - 02	INTERMEDIATE	6005-T5
	6	3000 - 09	BEAD	6005-T5
	7	CGS - 01	GLASS SPACER	PROTOTYPE
	8	3000 - 11	BEAD	6005-T5
	9	9000 - 04	JAMB	6005-T5
	10	9000 - 05	MALE	6005-T5
	11	9000 - 06	FEMALE	6005-T5
	12	9000 - 07	JAMB	6005-T5
	13	9000 - 09	REINFORCING	6005-T5
	14	9000 - 10	REINFORCING	6005-T5
	13	-	REINFORCING	A36
14	-	REINFORCING	A36	
15	-	REINFORCING	A36	



MIAMI DADE APPROVAL _____

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 17-1108.17
Expiration Date 06/24/2024
By [Signature]
Miami Dade Product Control

HERNANDEZ NORRERO, JOSE
398 EAST NIMMA BEACH BLVD. #398
DADA BEACH, FL 33004

HERNANDEZ NORRERO, JOSE
No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

DATE: 11-27-2018

FLORIDA No. 73778
FBPE CERT. OF AUTH. No. 29578

Series 9000
FIXED WINDOW WALL
SMALL MISSILE

EXTRUSIONS & PARTS

CONTINENTAL
GLASS SYSTEMS, LLC.

325 West 74 Place
Hialeah Florida, 33014

Phone 305-231-1101 Fax 305-231-1103
Hialeah Florida, 33014

Revision		
No	Date	By Description
<u>3</u>	05-30-15	S.M. 2014 FBC CC & E.O.R. CHANGE
<u>4</u>	07-30-16	S.M. RER COMMENTS
<u>5</u>	10-18-17	A.R. 2017 CODE CHANGE

Date	FEB. 24 2009
Scale	N.T.S.
Design by	G.S.
Drawing by	RICHARD
Checked by	G.S.

Drawing No.
FXD-9000-SM

Sheet 14 of 15

FRAME CONSTRUCTION DETAILS

FOUR (4) #14 X 1"
PH SMS GR. 5

FOUR (4) #14 X 1"
PH SMS GR. 5

FOUR (4) #14 X 1"
PH SMS GR. 5

FOUR (4) #14 X 1"
PH SMS GR. 5

FOUR (4) #14 X 1"
PH SMS GR. 5

FOUR (4) #14 X 1"
PH SMS GR. 5

FOUR (4) #14 X 1"
PH SMS GR. 5

FOUR (4) #14 X 1"
PH SMS GR. 5

FOUR (4) #14 X 1"
PH SMS GR. 5

MIAMI DADE APPROVAL

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 17-110817
Expiration Date 06/14/2024

By [Signature]
Miami Dade Product Control

HERMES F. NORRERO
398 EAST DADE BEACH BLVD. #308
DADE BEACH, FL 33143

LICENSE
No. 73778
STATE OF
FLORIDA

DATE 11/17/2018
FLORIDA No. 73778
FBPE CERT. OF AUTH. NO. 29578

Revision		Description			
No	Date	By	S.M.	S.M.	A.R.
3	05-30-15	2014 FBC CC & E.O.R. CHANGE			
4	07-30-16	RER COMMENTS			
5	10-18-17	2017 CODE CHANGE			

Date	FEB. 24 2009
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Checked by	G.S.

Drawing No.
FXD-9000-SM

Series 9000
FIXED WINDOW WALL
SMALL MISSILE
CONSTRUCTION DETAILS

CONTINENTAL
GLASS SYSTEMS, LLC.
325 West 74 Place
Hialeah Florida, 33014
Phone 305-231-1101 Fax 305-231-1103