



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 – L.M.I.

APPROVAL DOCUMENT: Drawing No. **FXD-9000-LM**, titled "Series 9000 - Fixed Window Wall - Large Missile", sheets 1 through 15 of 15, dated 02/24/09, with revision #6 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: 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 and renews** NOA# 15-0827.14 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. 17-1108.16
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. 09-0312.12)
2. Drawing No **FXD-9000-LM**, Sheets 1 through 15 of 15, titled "Series 9000 - Fixed Window Wall - Large Missile", dated 02/24/09, with revision #5 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) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of a series 9000 aluminum window wall system and series 10000 outswing door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5567**, dated 08/08/08, signed and sealed by Carlos S. Rionda, P.E.
(Submitted under NOA No. 10-0520.06)
2. 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
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-5566**, dated 08/20/08, signed and sealed by Carlos S. Rionda, P.E.
(Submitted under NOA No. 09-0312.12)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC-5th Edition (2014)**, dated 06/22/15 and revised on 08/03/16 and 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).



Sifang Zhao, P.E.
Product Control Examiner
NOA No. 17-1108.16
Expiration Date: June 24, 2024
Approval Date: August 08, 2019

Continental Glass Systems, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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.
2. 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 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.
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. **14-0320.01**, issued to Continental Glass Systems, Inc. for their Series “9000” Aluminum Window Wall System – L.M.I., approved on 07/17/14 and expiring on 06/24/19.
2. Test proposal **#08-0345**, dated 05/08/2008.



Sifang Zhao, P.E.
Product Control Examiner
NOA No. 17-1108.16
Expiration Date: June 24, 2024
Approval Date: August 08, 2019

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No **FXD-9000-LM**, Sheets 1 through 15 of 15, titled “Series 9000 - Fixed Window Wall - Large Missile”, dated 02/24/09, with revision #6 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. **17-0808.02** issued to **Kuraray America, Inc.** for their “**SentryGlas® (Clear and White) Glass Interlayers**” dated 12/28/17, expiring on 07/04/23.
2. NOA No. **18-0301.06** issued to **Eastman Chemical Company (MA)** for their “**Saflex CP – Saflex and Saflex HP Composite Glass Interlayers with PET Core**” dated 05/17/18, expiring on 12/11/23.

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.

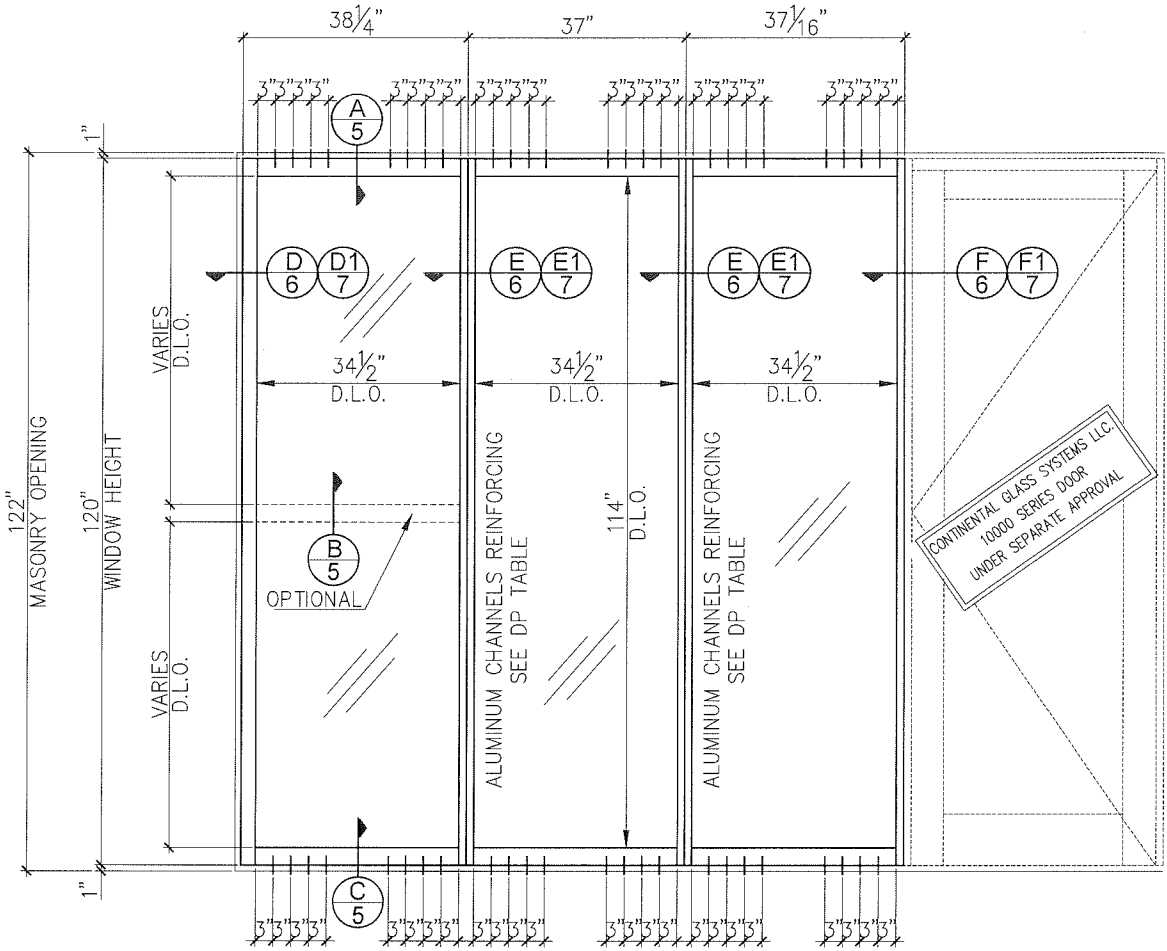
G. OTHERS

1. Notice of Acceptance No. **15-0827.14**, issued to Continental Glass Systems, Inc. for their Series “9000” Aluminum Window Wall System – L.M.I., approved on 02/16/17 and expiring on 06/24/19.



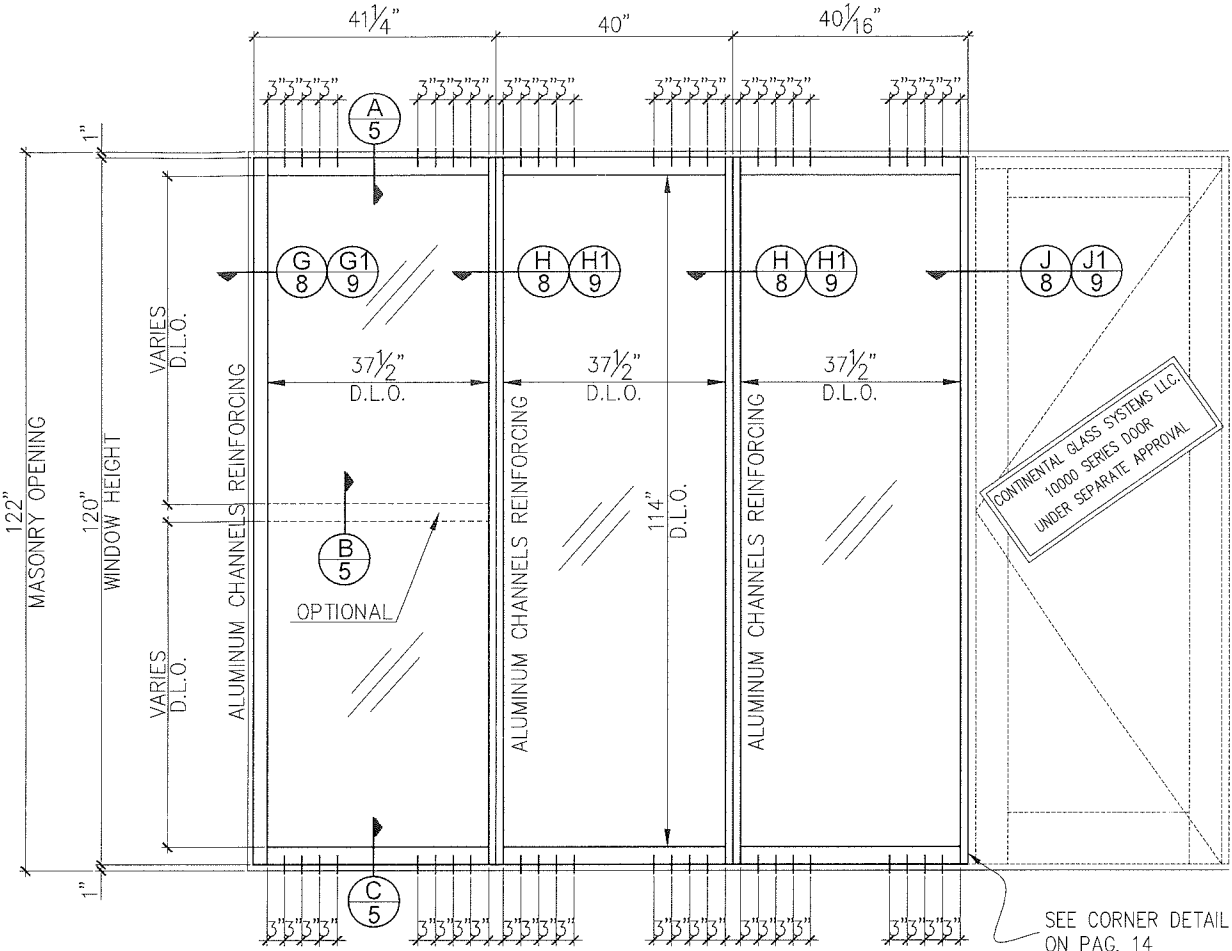
Sifang Zhao, P.E.
Product Control Examiner
NOA No. 17-1108.16
Expiration Date: June 24, 2024
Approval Date: August 08, 2019

SERIES 9000 - FIXED WINDOW WALL SYSTEM L.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"

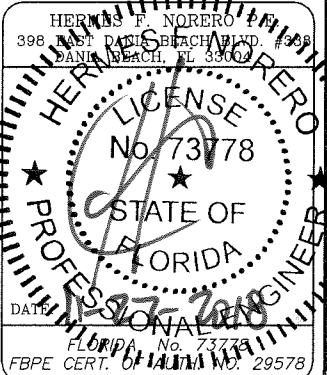
SEE CORNER DETAIL
ON PAG. 14

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 5567 DATED 08-08-08.
- ALL EXTRUSIONS ARE ALUMINUM, 6005-T5 ALLOY, WITH A MINIMUM F_y OF 35,000 P.S.I.
- LARGE MISSILE IMPACT: INSTALLATION UP TO 30 FT ABOVE GRADE WILL NOT REQUIRE A HURRICANE PROTECTION SYSTEM.
- ALL INSTALLATION ANCHORS ARE 5/16" ϕ 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" HEAT STRENGTHENED
0.090 SENTRYGLAS® INTERLAYER BY KURARAY AMERICA, INC. OR
0.075 SAFLEX CP-SAFLEX & SAFLEX HP COMPOSITE GLASS INTERLAYER W/ PET CORE BY EASTMAN CHEMICAL CO.
1/4" HEAT STRENGTHENED

MIAMI DADE APPROVAL

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 17-1108.16
Expiration Date 06/24/2024
By
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
LARGE 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

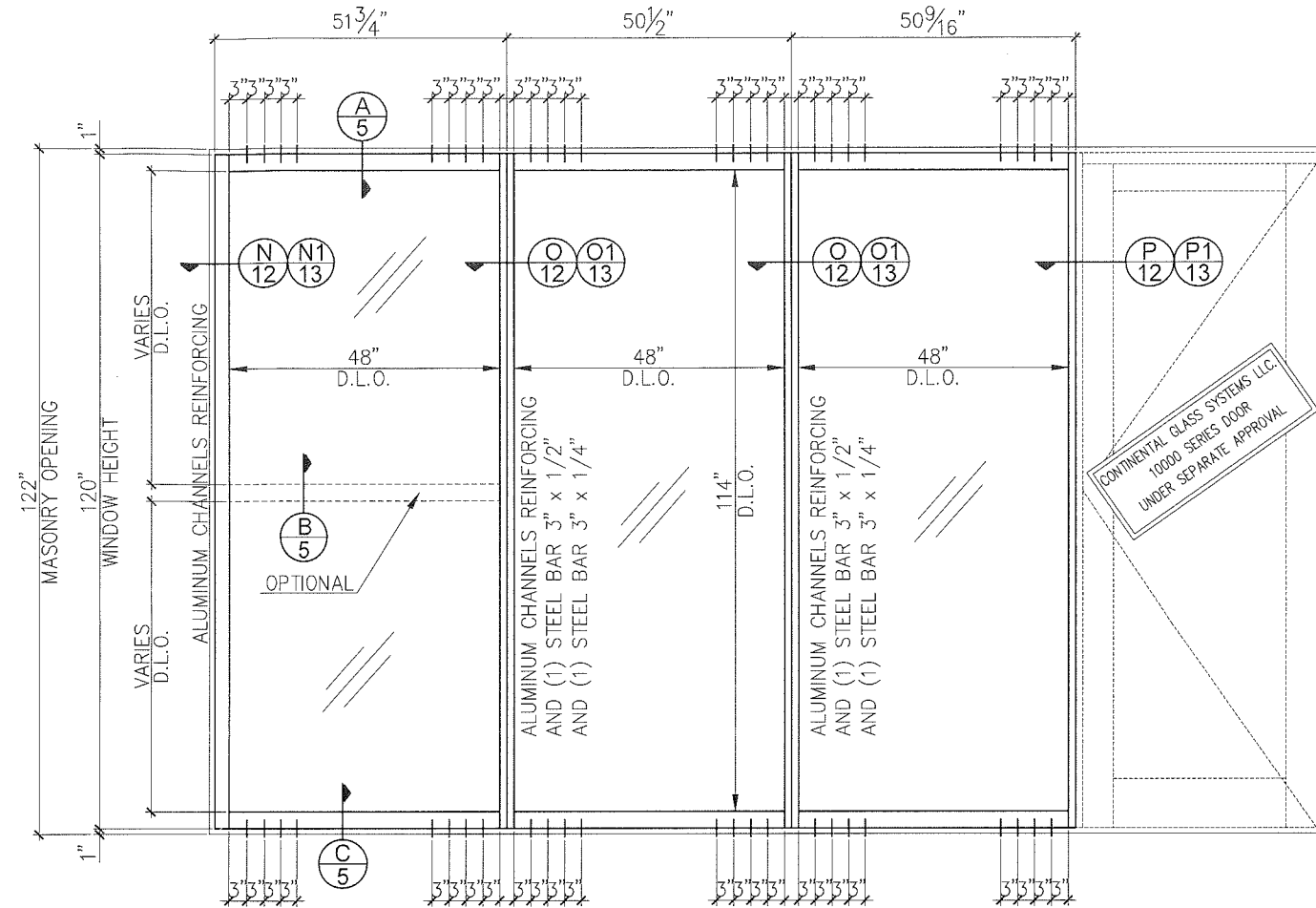
Date	FEB. 24 2009
Scale	N.T.S.
Design by	G. S.
Drawing by	RICHARD
Checked by	G. S.

Drawing No.
FXD-9000-LM

Sheet 1 of 15

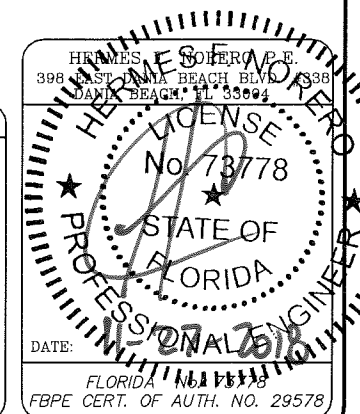
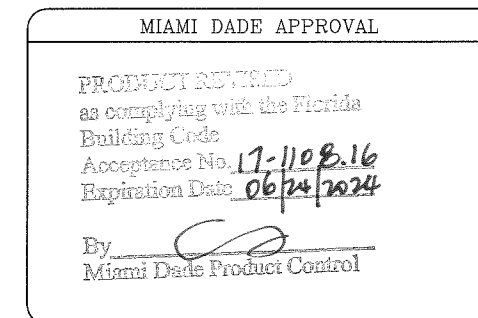
CONTINENTAL
GLASS SYSTEMS, LLC.
325 West 74 Place
Hialeah Florida, 33014
305-231-1101 Fax 305-231-1102

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



FIXED WINDOW ELEVATION
EXTERIOR VIEW

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

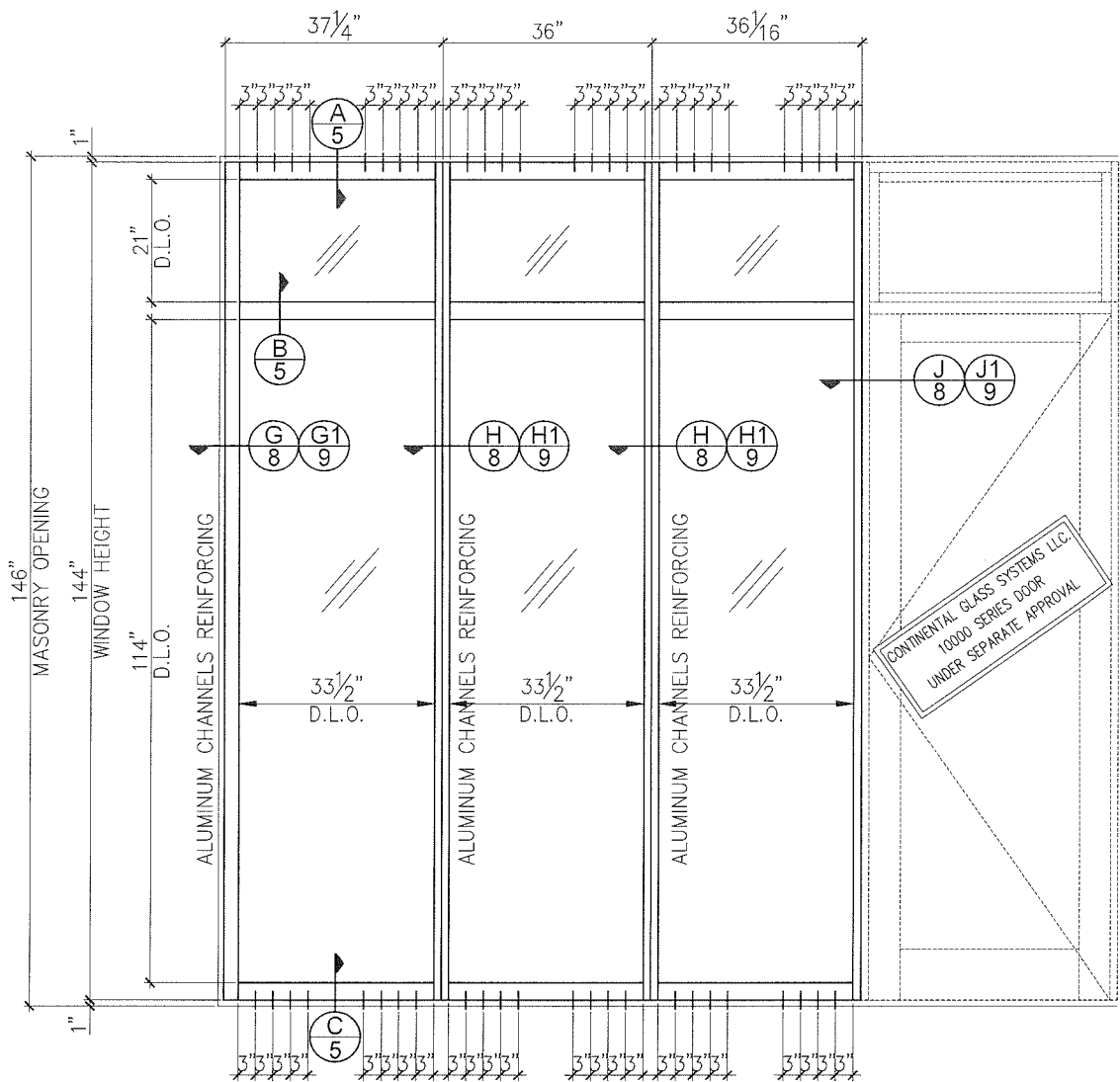


Date	FEB. 24 2009	
Scale	N.T.S.	
Design by	G. S.	
Drawing by	RICHARD	
Checked by	G. S.	

Drawing No.
FXD-9000-LM

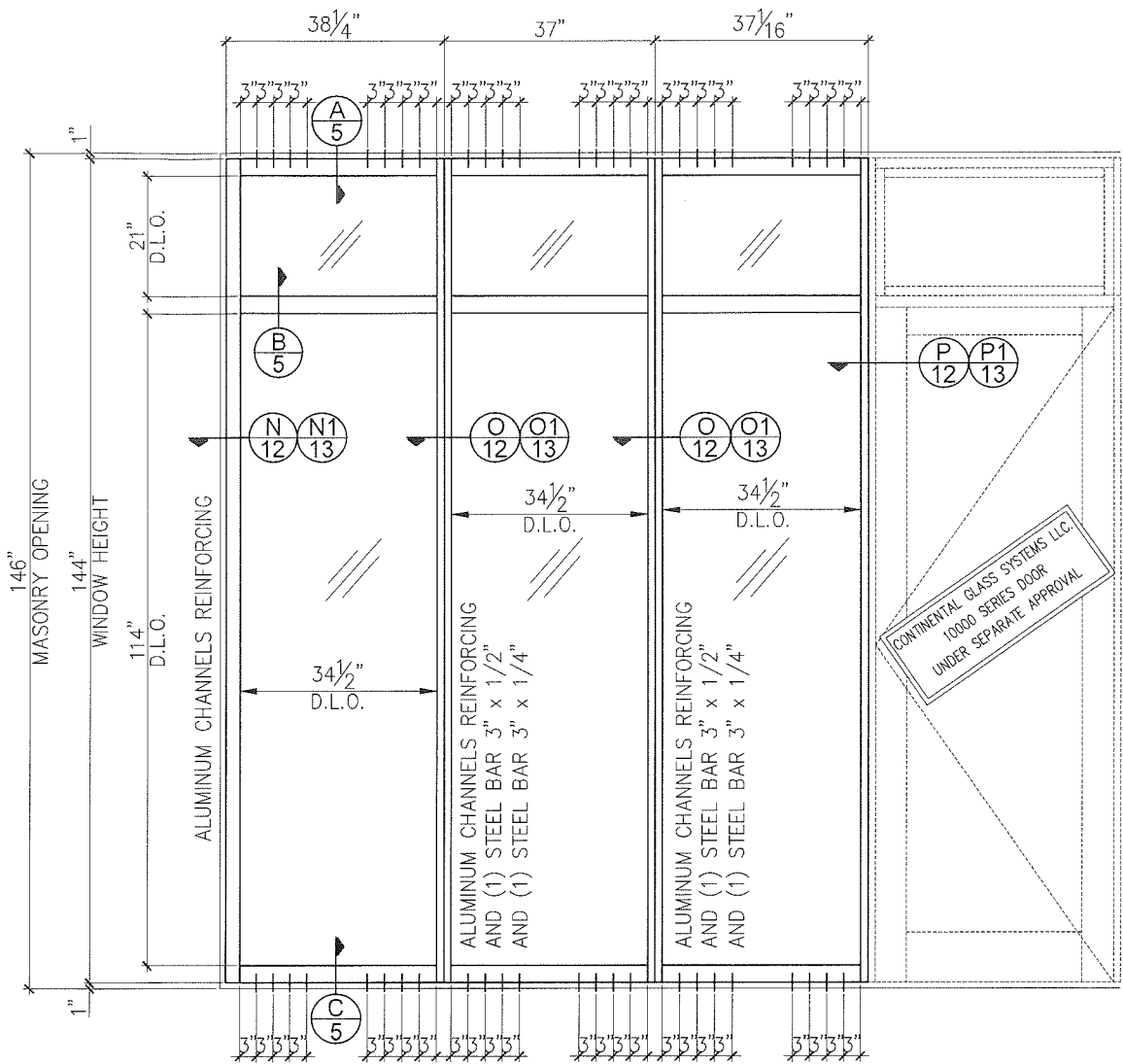
Sheet 2 of 15

SERIES 9000 - FIXED WINDOW WALL SYSTEM L.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. 17-1108.16
Expiration Date 06/24/2024

By [Signature]
Miami Dade Product Control

HERNAN F. NORERO, P.E.
398 EAST DANIEL BEACH BLVD., #208
DANIEL BEACH, FL 33419

FLORIDA
LICENSE
No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

DATE: 06-27-2018
FBPE CERT. No. 101774 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
LARGE MISSILE
ELEVATION

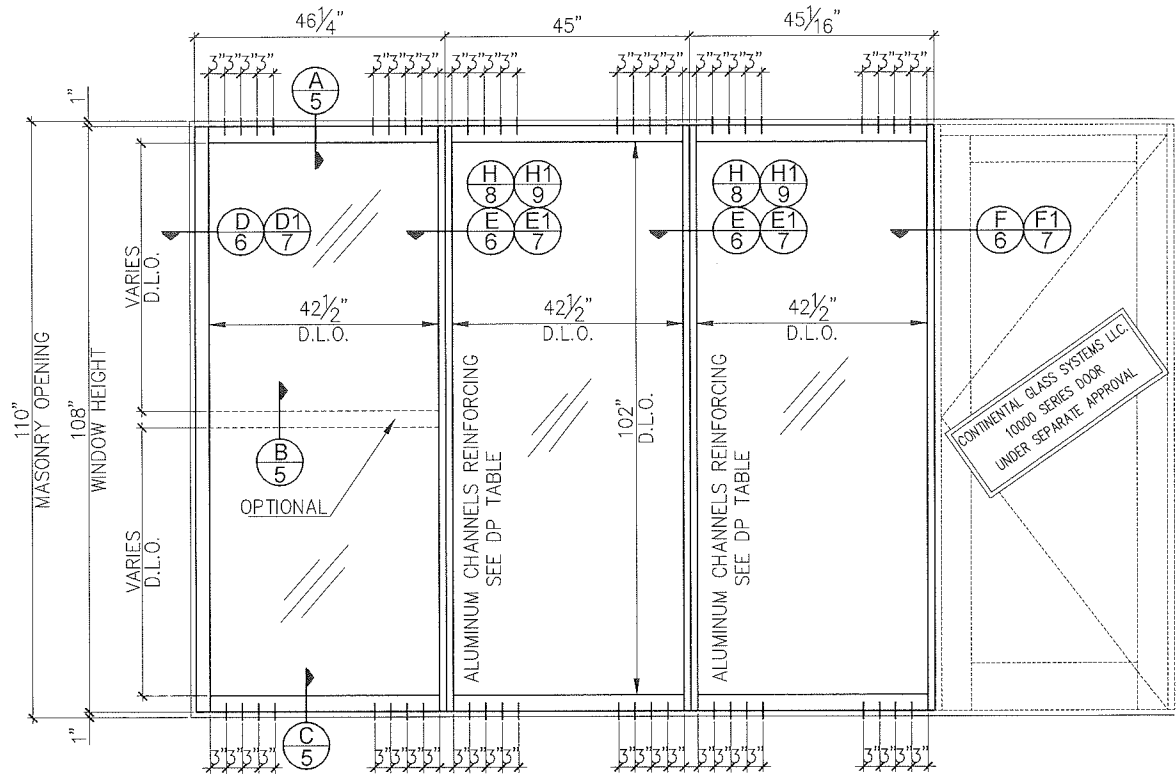
Revision		By	Description
No	Date		
1	05-30-15	S.M.	2014 FBC CC & E.O.R. CHANGE
2	07-30-16	S.M.	REVISION COMMENTS
3	10-18-17	A.R.	2017 CODE CHANGE

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

Drawing No.
FXD-9000-LM

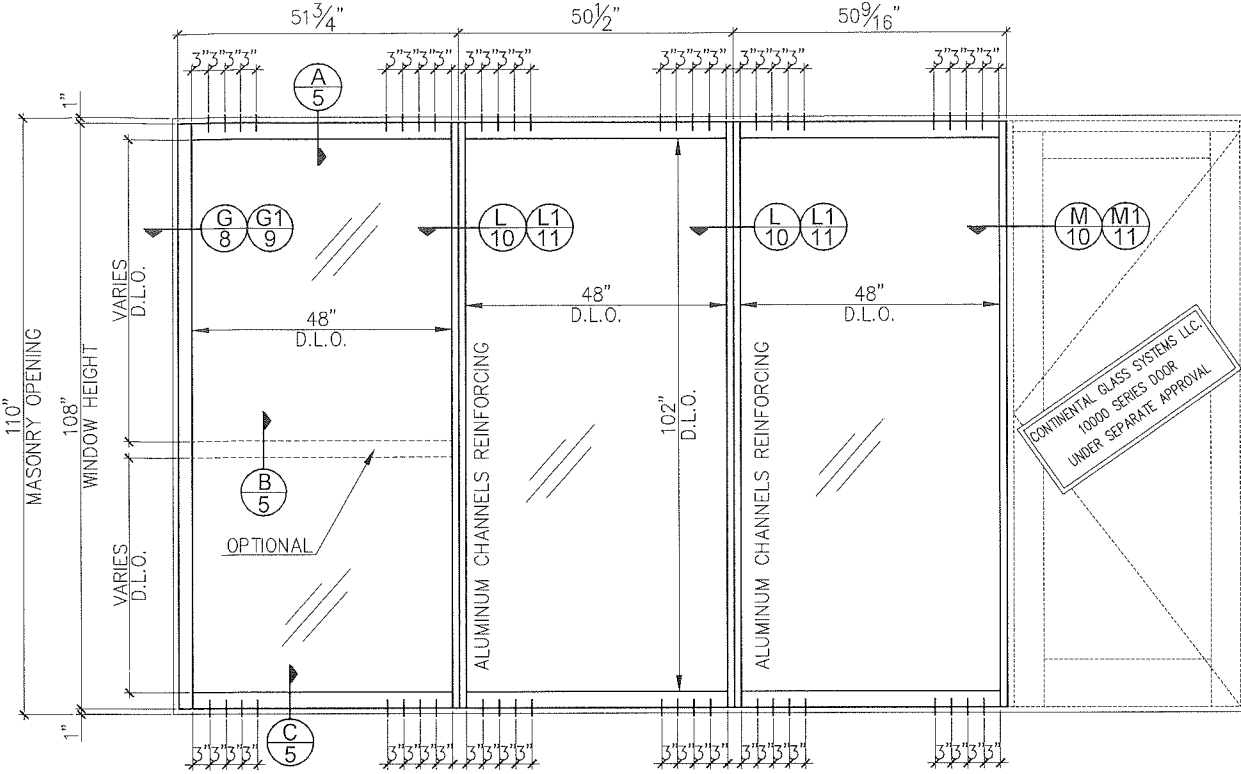
Sheet 3 of 15

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



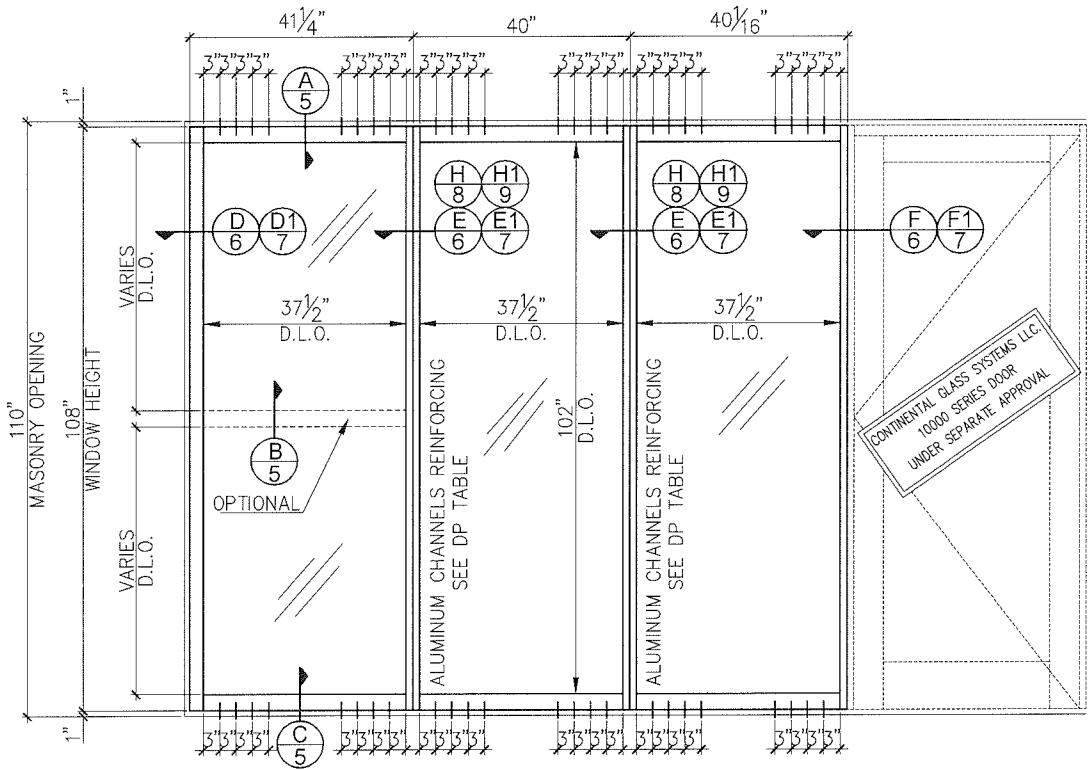
FIXED WINDOW ELEVATION
EXTERIOR VIEW

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"

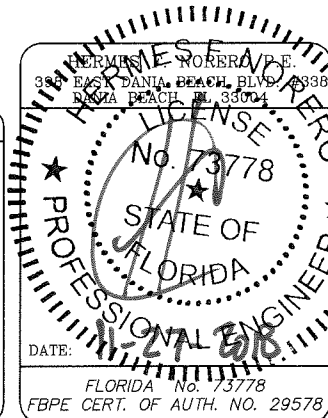


FIXED WINDOW ELEVATION
EXTERIOR VIEW

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. 17-1108.16
Expiration Date 06/24/2024
By [Signature]
Miami Dade Product Control



Series 9000
FIXED WINDOW WALL
LARGE 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.	REVISIONS
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.

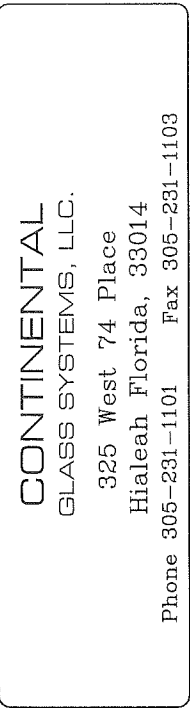
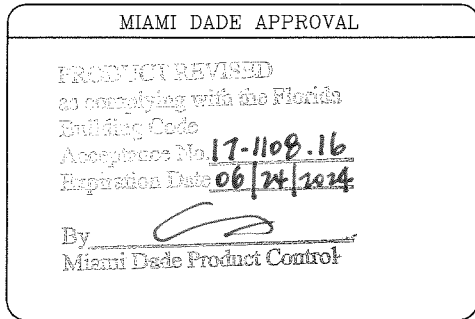
Drawing No.
FXD-9000-LM

Sheet 4 of 15

CONTINENTAL
GLASS SYSTEMS, LLC.

325 West 74 Place
Hialeah Florida, 33014

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



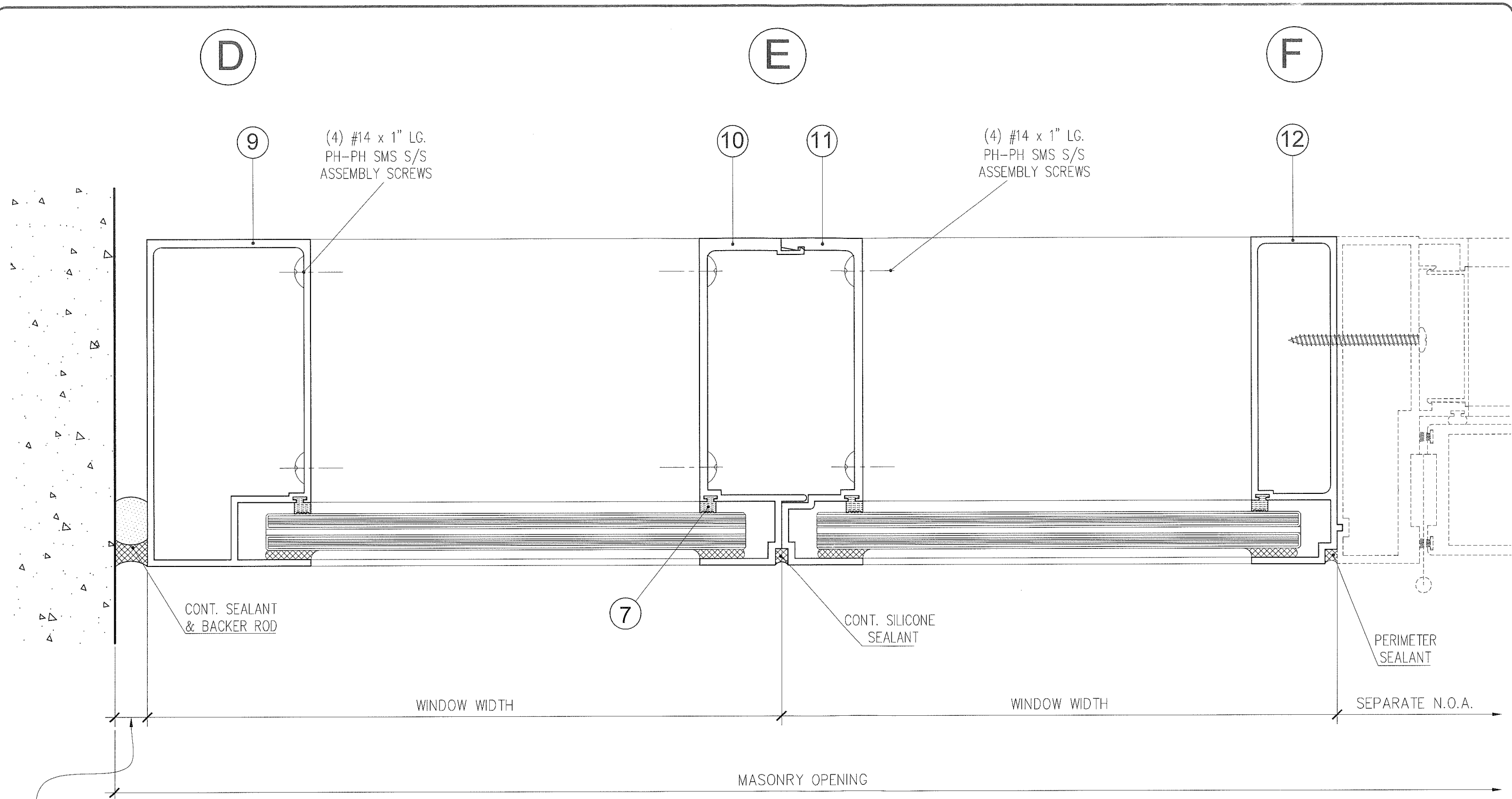
Series 9000
FIXED WINDOW WALL
LARGE MISSILE
VERTICAL DETAIL

Revision			Description
No	Date	By	
<u>4</u>	05-30-15	S.M.	2014 FBC CC & E.O.R. CHANGE
<u>5</u>	07-30-16	S.M.	PER COMMENTS
<u>6</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-LM

Sheet 5 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 APPROVED
 as complying with the Florida
 Building Code
 Acceptance No. 17-1108.16
 Expiration Date 06/24/2024
 By [Signature]
 Miami Dade Product Control

HERNANDEZ, NORENO E.
 398 EAST OCEAN BEACH BLVD., 33068
 DEER BEACH, FL 33440
 LICENSE No. 70778
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 DATE 11-27-2018
 FLORIDA No. 17178
 FBPE CERT. No. 141111 NO. 29578

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

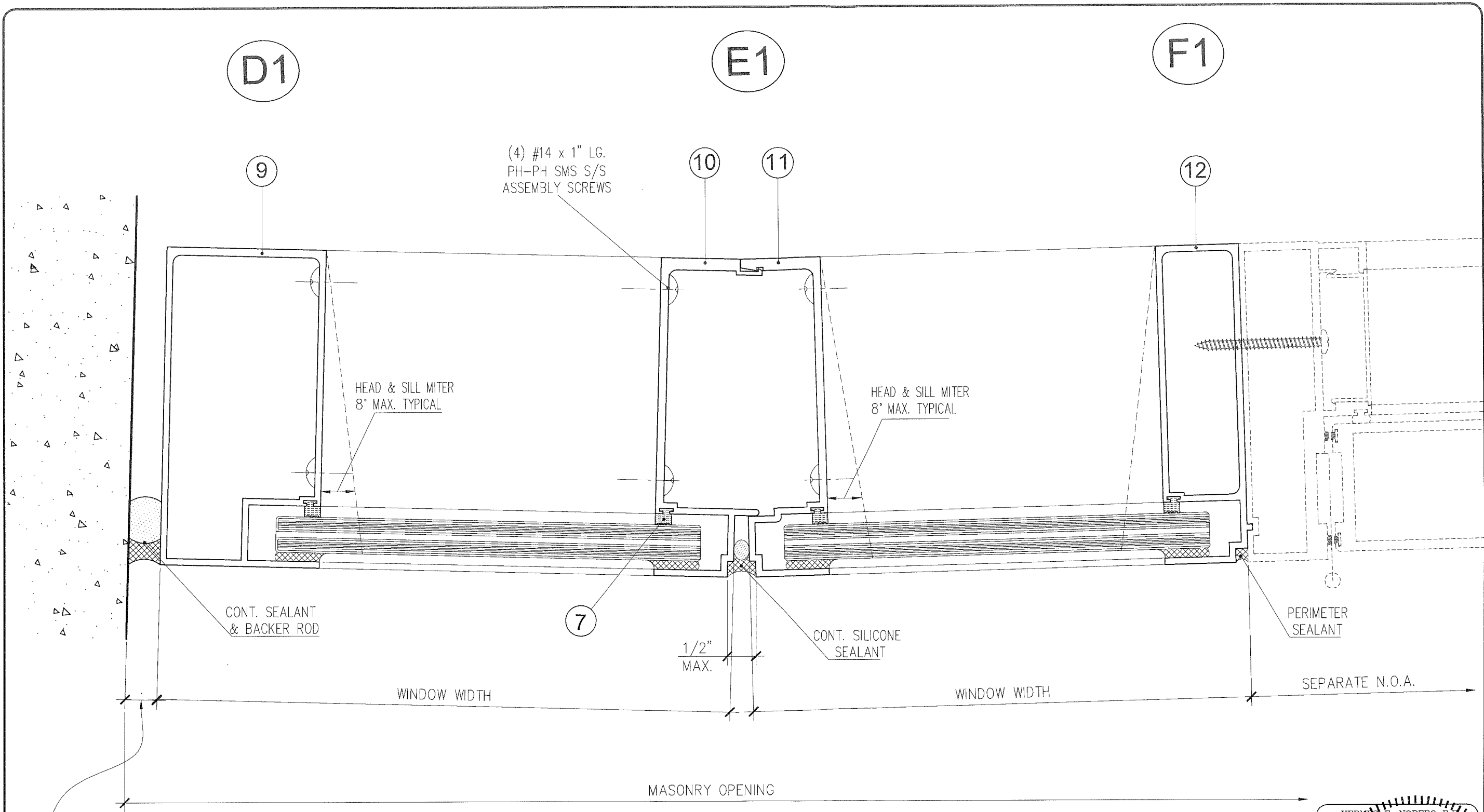
Series 9000
 FIXED WINDOW WALL
 LARGE MISSILE
 HORIZONTAL DETAIL

Revision				
No	Date	By	Description	
4	05-30-15	S.M.	2014 FBC CC & E.O.R. CHANGE	
5	07-30-16	S.M.	RER COMMENTS	
6	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-LM

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

PROJECT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 17-1108.16
 Expiration Date _____

By [Signature]
 Miami Dade Product Control

HERNAN F. NORERO P.E.
 398 EAST DANIEL BORCH BLVD #338
 MIAMI BEACH, FL 33104

PROFESSIONAL ENGINEER
 LICENSE No. 73778
 STATE OF FLORIDA

DATE: 11-07-2018
 FLORIDA No. 73778
 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

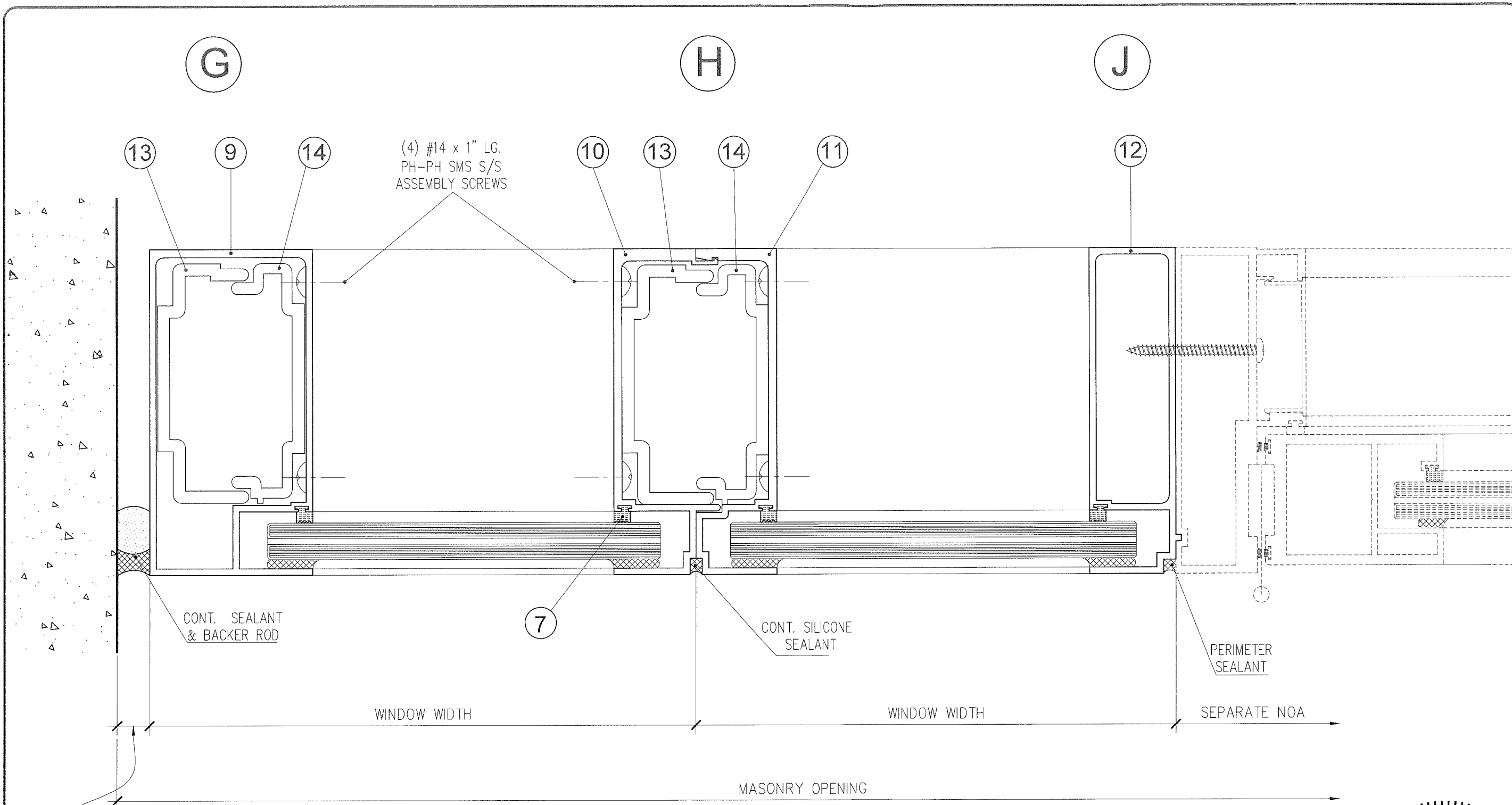
Series 9000
 FIXED WINDOW WALL
LARGE MISSILE
 HORIZONTAL DETAIL

Revision		Description	
No	Date	By	
4	05-30-15	S.M.	2014 FBC CC & E.O.R. CHANGE
5	07-30-16	S.M.	REVISION COMMENTS
6	10-18-17	A.R.	2017 CODE CHANGE

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

Drawing No.
 FXD-9000-LM

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".

MIAMI DADE APPROVAL

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 17-1108.16
Expiration Date 06/24/2024

By [Signature]
Miami Dade Product Control

PROFESSIONAL ENGINEER
STATE OF FLORIDA
No. 73778
DATE: 11/27/2018
FLORIDA No. 73778
FBPE CERT. OF AUTH. NO. 29578

Revision					
No	Date	By	Description	S.M.	2017 CODE CHANGE
4	05-30-15	S.M.	2014 FBC CC & E.O.R. CHANGE		
5	07-30-16	S.M.	RER COMMENTS		
6	10-18-17	A.R.			

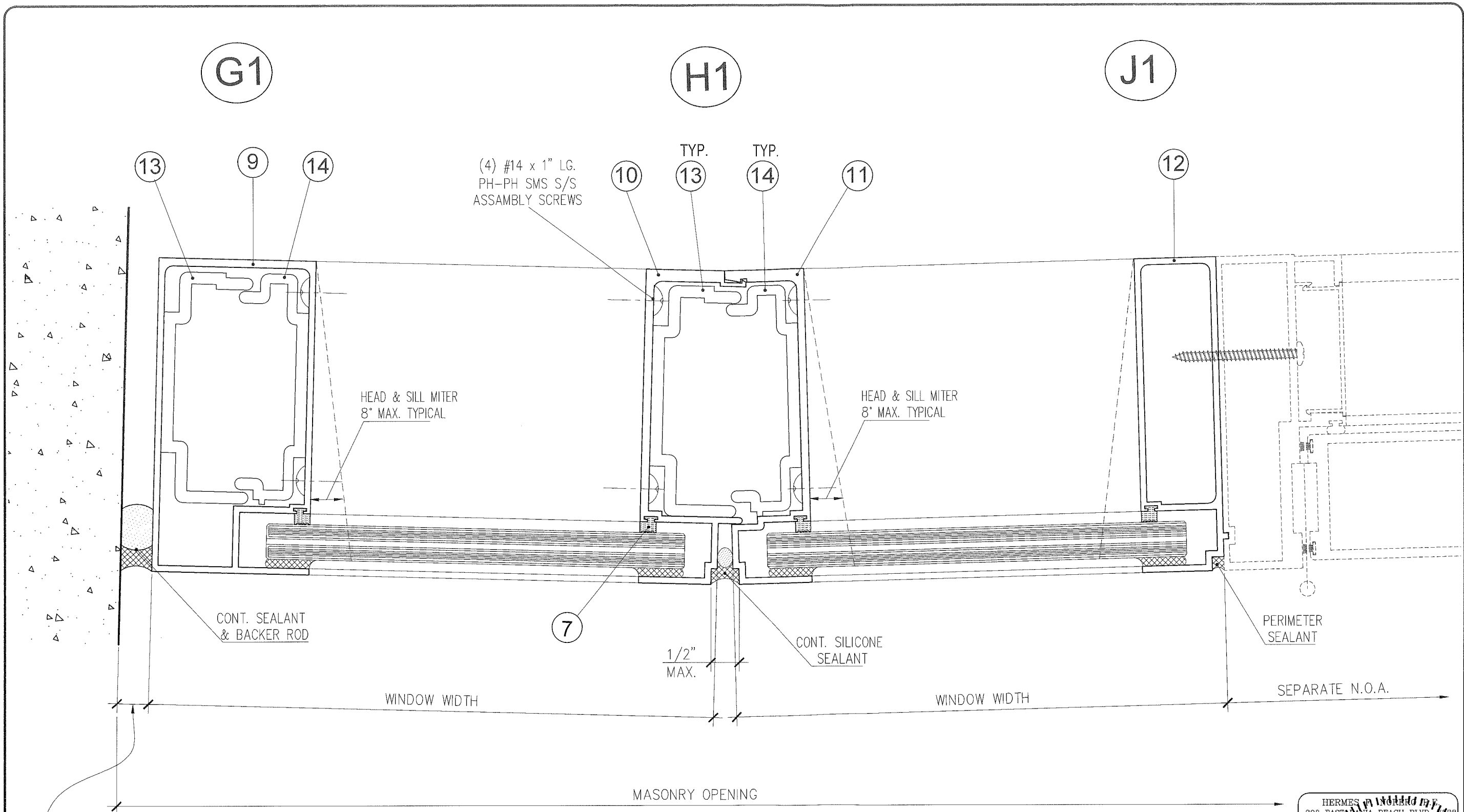
DATE: FEB. 24 2009
Scale: N.T.S.
Design by: G. S.
Drawing by: RICHARD
Checked by: G. S.

Drawing No.
FXD-9000-LM

Sheet 8 of 15

Series 9000
FIXED WINDOW WALL
LARGE MISSILE
HORIZONTAL DETAIL

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
to comply with the Florida
Building Code
Acceptance No. 17-1106.16
Expiration Date 06/24/2024

By [Signature]
Miami Dade Product Control

HERMES ENGINEERING, INC.
398 EAST MANA BEACH BLVD. #300
DANA POINT, CA 92629

HERMES ENGINEERING, INC.
LICENSE
No. 73778
STATE OF FLORIDA
PROFESSIONAL ENGINEER
DATE 06-27-2018
FLORIDA No. 12378
FBPE CERT. AUTH. No. 12378

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

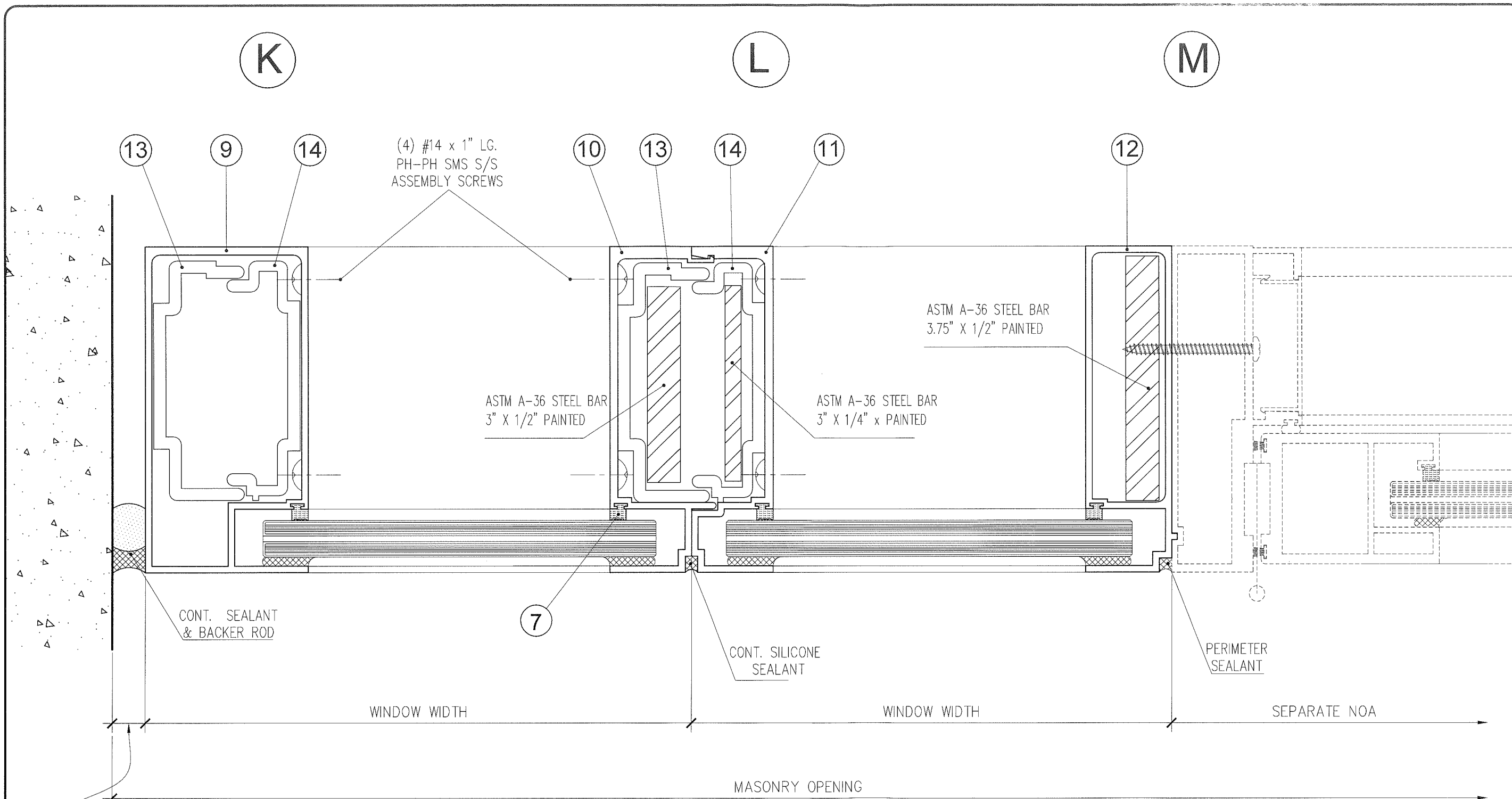
Series 9000
FIXED WINDOW WALL
LARGE MISSILE
HORIZONTAL DETAIL

Revision		Description	
No	Date	By	S.M.
4	05-30-15	S.M.	2014 FBC CC & E.O.R. CHANGE
5	07-30-16	S.M.	RER COMMENTS
6	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-LM

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. 17-1108.16
Expiration Date 06/14/2014

By CS
Miami Dade Product Control

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

HERMES F. NORERO
LICENSE
No. 73778
STATE OF
FLORIDA
FBPE CERT. OF QUALITY 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

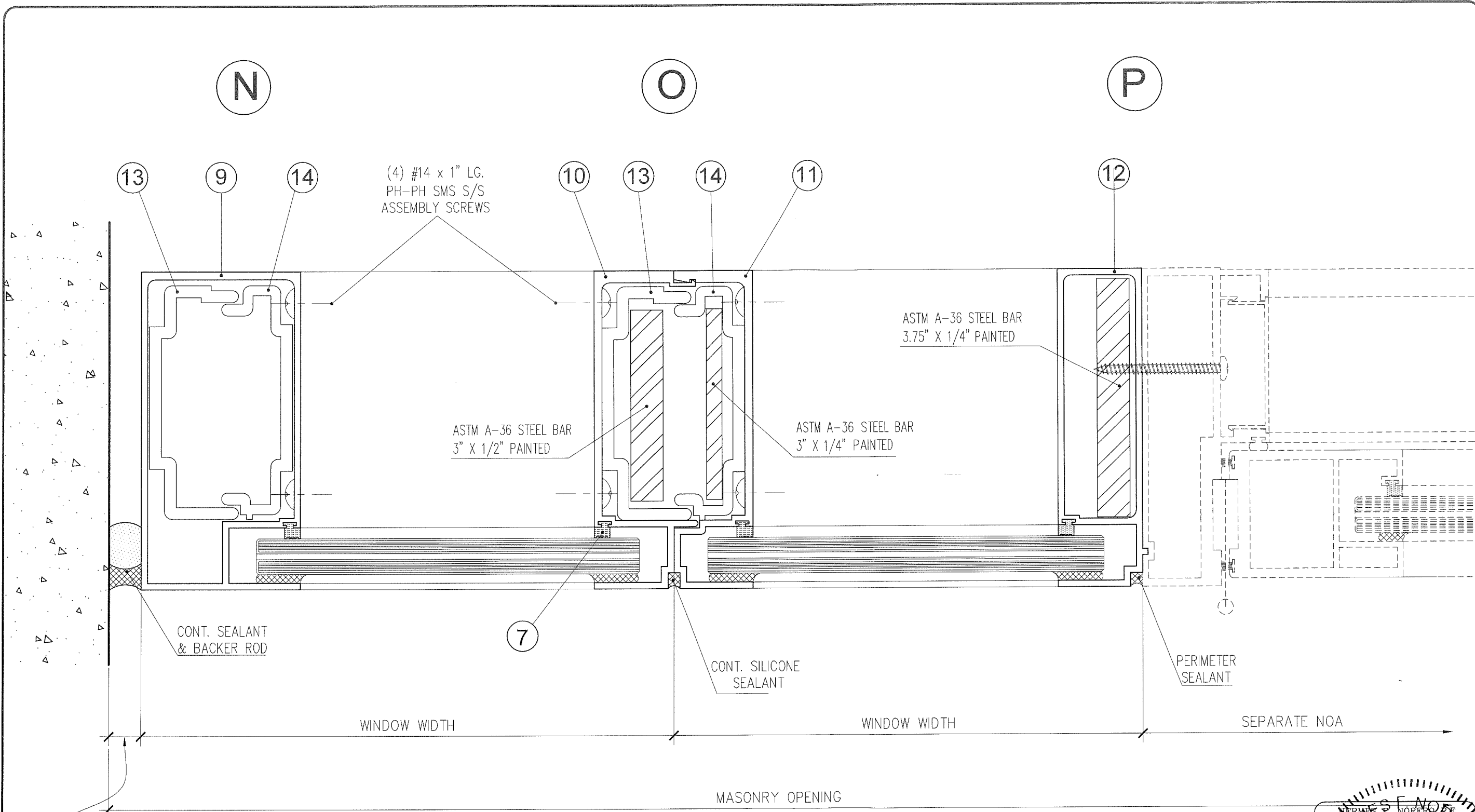
Date FEB. 24 2009
Scale N.T.S.
Design by G. S.
Drawing by RICHARD
Checked by G. S.

Drawing No.
FXD-9000-LM

Sheet 10 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
LARGE 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".

MIAMI DADE APPROVAL

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 17-1108.16
Expiration Date 06/24/2024

By [Signature]
Miami Dade Product Control

HERNANDEZ NORRERO
No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

DATE: 11/27/2018
FLORIDA No. 73778
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

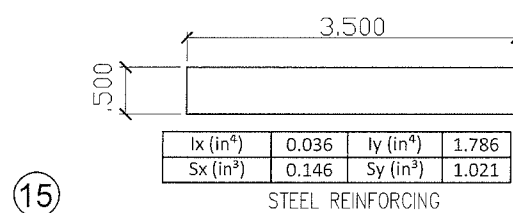
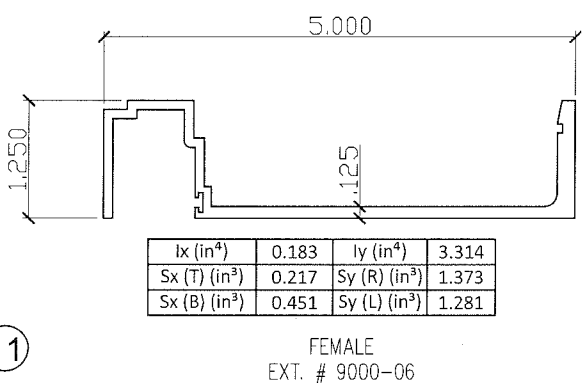
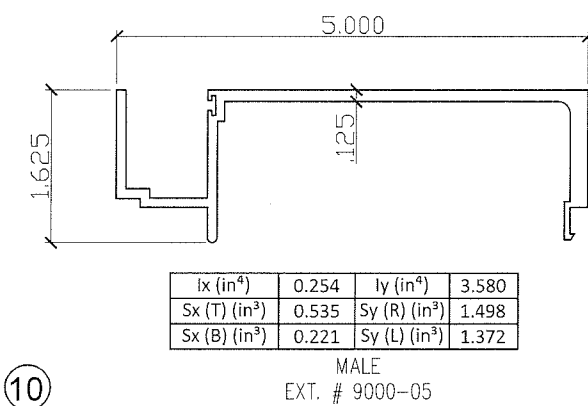
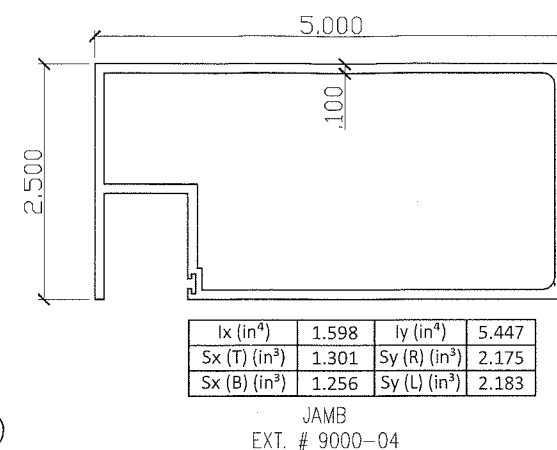
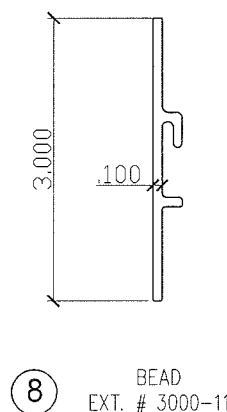
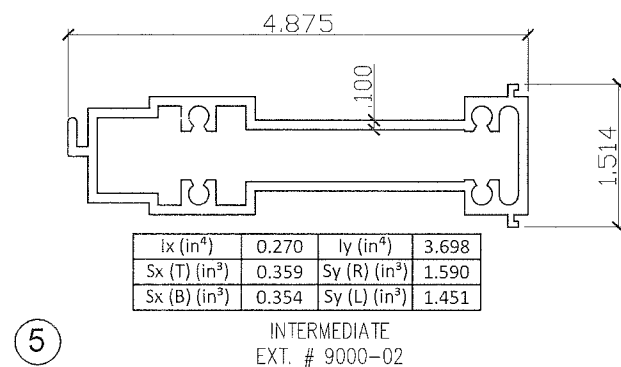
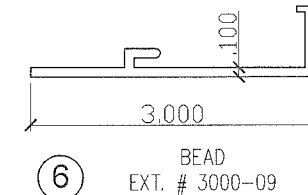
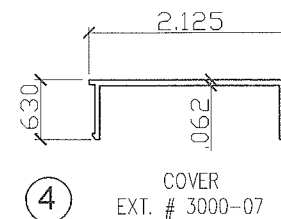
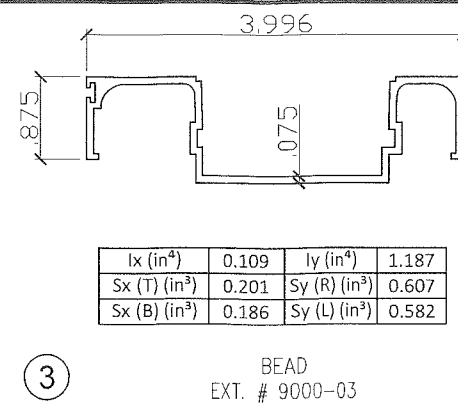
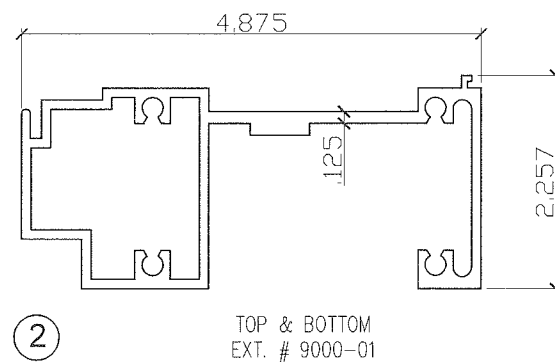
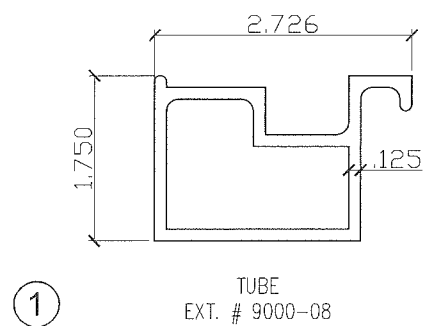
Series 9000
FIXED WINDOW WALL
LARGE MISSILE
HORIZONTAL DETAIL

Revision		Description	
No	Date	By	S.M.
4	05-30-15	S.M.	2014 FBC CC & E.O.R. CHANGE
5	07-30-16	S.M.	RER COMMENTS
6	10-18-17	A.R.	2017 CODE CHANGE

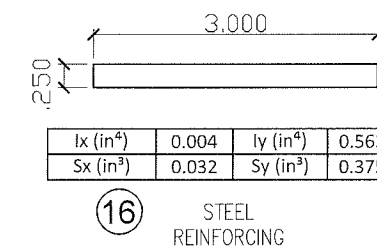
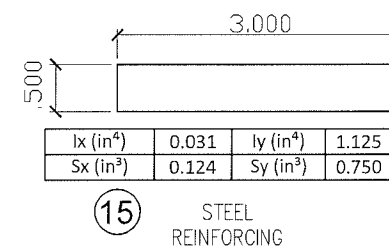
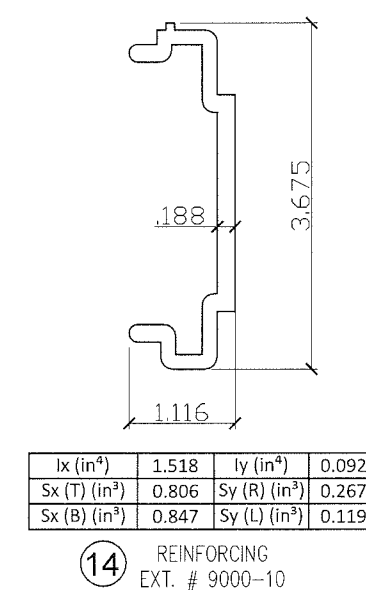
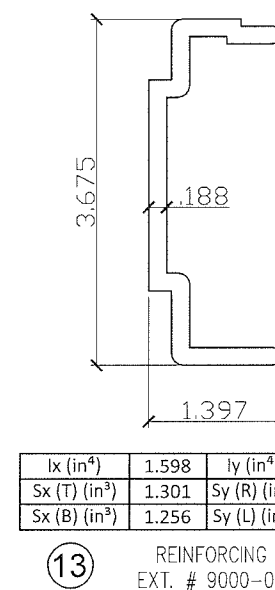
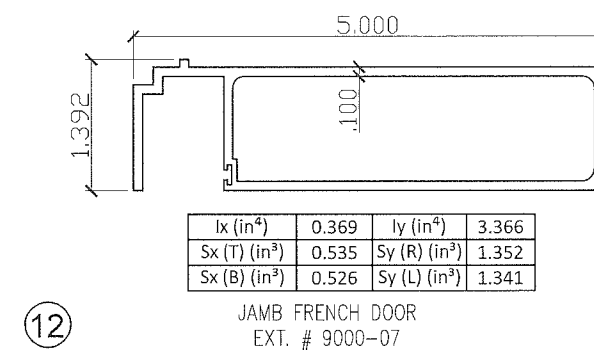
Date FEB. 24 2009
Scale N.T.S.
Design by G. S.
Drawing by RICHARD
Checked by G. S.

Drawing No.
FXD-9000-LM

Sheet 12 of 15



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. 17-1108-16
Expiration Date 06/24/2024
By 
Miami-Dade Product Control

HERMES P. NORERO P.E.
398 EAST DANA BEACH BLVD #35
DANA BEACH, FL 33004

HERMES P. NORERO
LICENSE
No. 73778
STATE OF
FLORIDA
DATE: 12-27-2018
FLORIDA No. 73778
FBPE CERT. OF AUTH. No. 29578

CONTINENTAL
GLASS SYSTEMS, LLC.

325 West 74 Place
Hialeah Florida, 33014
Phone 305-231-1101 Fax 305-231-1102

Series 9000
FIXED WINDOW WALL
LARGE MISSILE

EXTRUSIONS & PARTS

Revision		
No	Date	By Description
<u>4</u>	05-30-15	S.M. 2014 FBC CC & E.O.R. CHANGE
<u>5</u>	07-30-16	S.M. RER COMMENTS
<u>6</u>	10-19-17	A.D. 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-LM

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

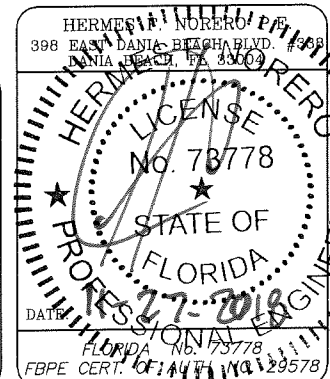
FOUR (4) #14 X 1"
PH SMS GR. 5

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

MIAMI DADE APPROVAL

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 17-1108.16
Expiration Date 06/24/2024

By 
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
LARGE MISSILE

CONSTRUCTION DETAILS

Revision		Description	
No	Date	By	
1	05-30-15	S.M.	2014 FBC CC & E.O.R. CHANGE
2	07-30-16	S.M.	PER 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-LM

Sheet 15 of 15