

HEAD RECEPTOR

SERIES 3000 ALUMINUM WINDOW WALL SYSTEM - S.M.I.

NOTES:

1. THIS FIXED WINDOW SYSTEM IS DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE CURRENT EDITION FLORIDA BUILDING CODE (FBC) CHAPTER 16 AND 24, UNDER THE SPECIFIC CONDITION SHOWN ON THIS DRAWING. REF. FTL No. 4728 (DATED 4th OCT. 2005)
2. ALL EXTRUSIONS ARE ALUMINUM, 6005-T5 ALLOY, WITH A MINIMUM Fy OF 35.000 P.S.I.
3. SMALL MISSILE IMPACT: INSTALLATION UP TO 30 FT ABOVE GRADE WILL REQUIRE A HURRICANE PROTECTION SYSTEM. BUT FOR INSTALLATION ABOVE 30 FT ABOVE GRADE WILL NOT REQUIRE A HURRICANE PROTECTION SYSTEM.
4. ALL INSTALLATION ANCHORS ARE 5/16"Ø ELCO ULTRACONS, OR DEWALT ULTRACONS W/ 1 3/4" EMBEDMENT INTO 3515 PSI CONCRETE OR BETTER.
5. SHIMS. USE HARD PLASTIC.
6. APPROVED STRUCTURAL SILICONE:

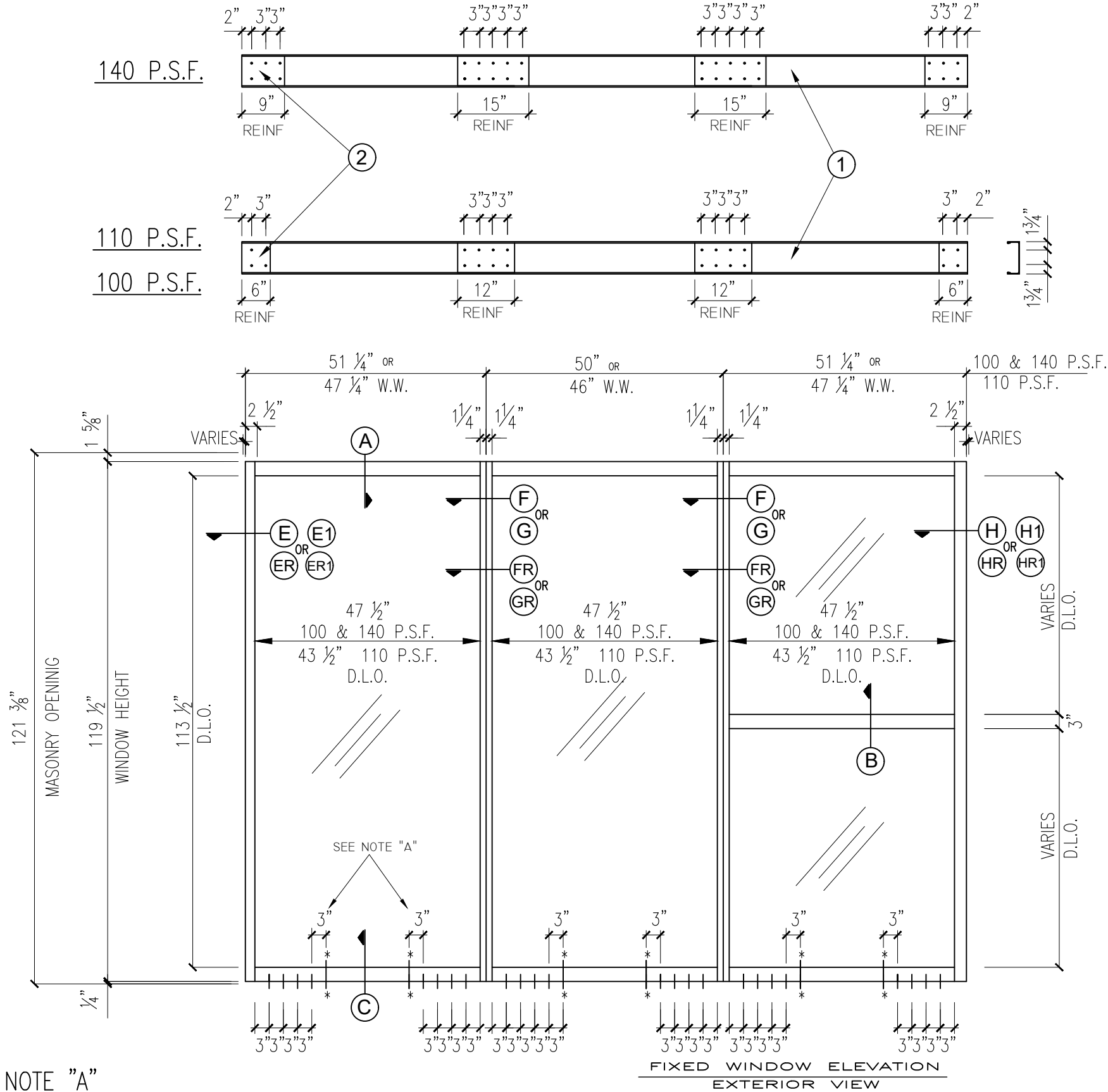
A) 795 DOW CORNING

B) SCS 2000 BY GE

C) PROGLAZE SSG BY TREMCO

D) DOW CORNING CONTRACTORS WEATHERPROOFING SEALANT
7. APPROVED PERIMETER SILICONE SEALANT:

790 & 795 DOW CORNING



NOTE "A"

* ADD (2) ANCHORS TO EACH PANEL WHEN LOAD = 140 P.S.F.

DESIGN LOAD CAPACITY (P.S.F.)		MULLION REINFORCING CHANELS	MAXIMUM D.L.O. WIDTH	MAXIMUM WINDOW WIDTH
POSITIVE	NEGATIVE			
110	110	NO	43 1/2"	46"
140	140	YES	47 1/2"	50"
100	100	NO	47 1/2"	50"



SOUHEL LORIGA

LICENSE

No. 77736

STATE OF FLORIDA

PROFESSIONAL ENGINEER

SOUHEL LORIGA, P.E.
FL P.E. # 77736
SLM ENGINEERS LLC
FBPE CERT. # 30891

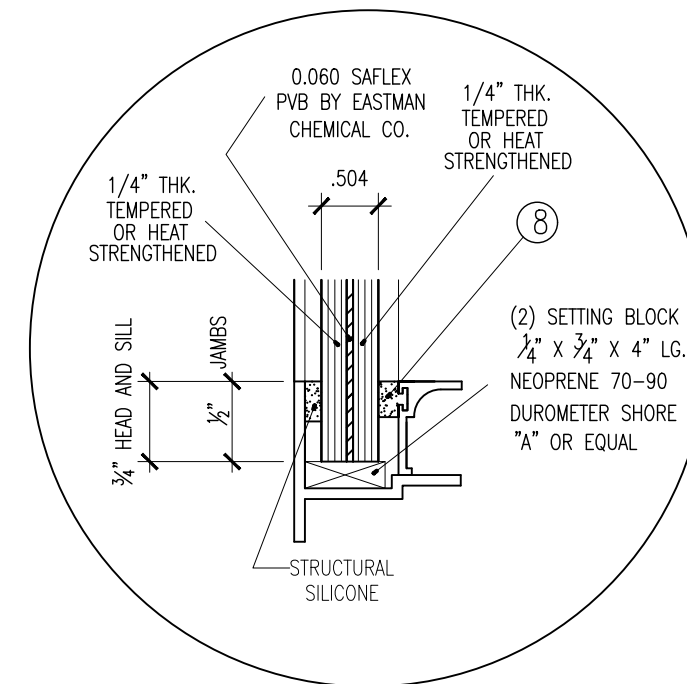
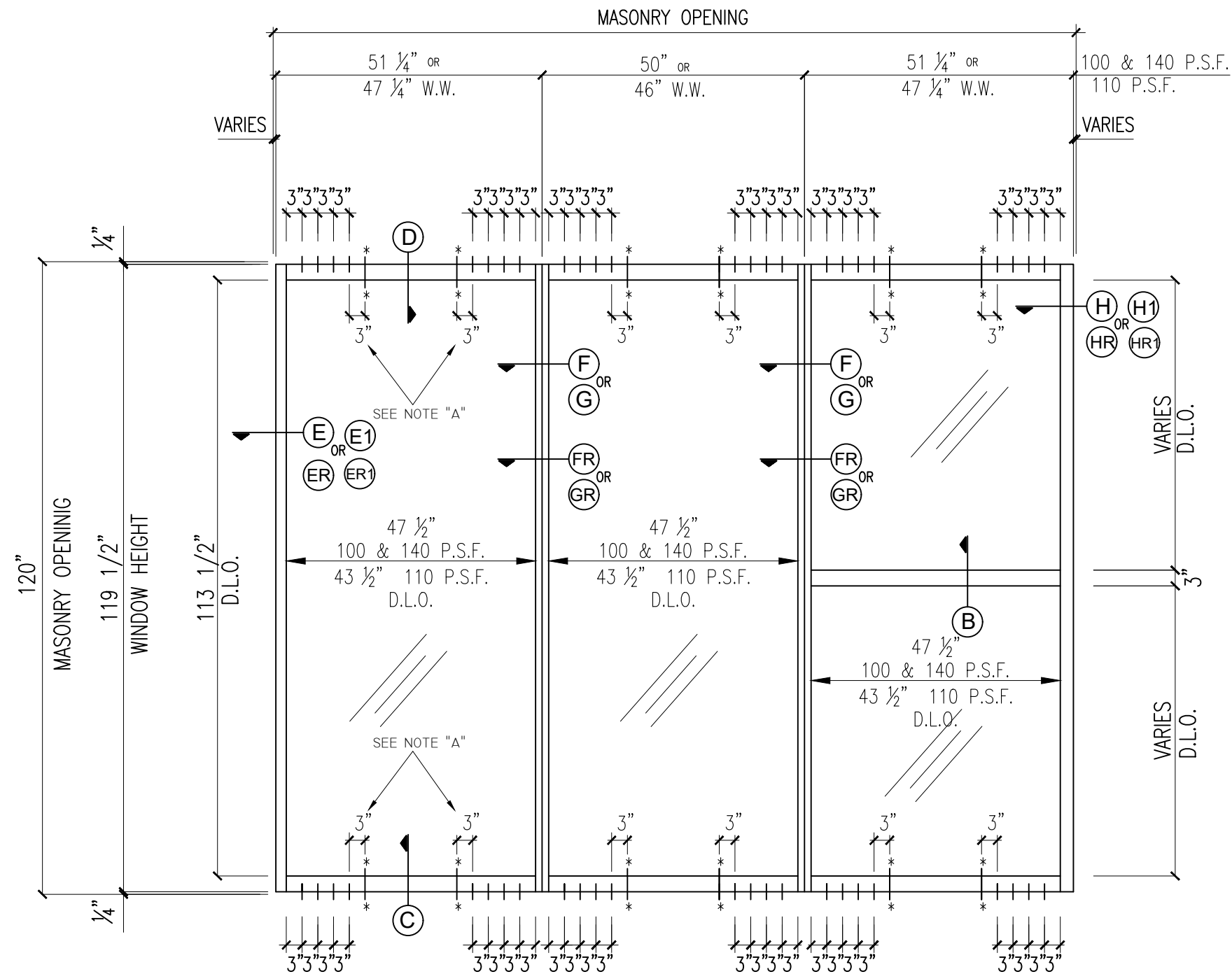
Continental Glass Systems, LLC.
325 West 74 Place
Hialeah Florida, 33014
Phone 305-231-1101 Fax 305-231-1103

SERIES 3000 ALUMINUM WINDOW WALL SYSTEM
SMALL MISSILE

REVISION		Description	
No	Date	By	Description
1	11-14-2012	MEP	PRODUCT CONTROL
2	5-14-2015	S.M.	5TH ED. FBC CODE UPDATE & E.O.R. CHANGE
3	06-30-2016	S.M.	MD RFR COMMENTS
4	10-10-2020	S.L.	2020 CODE CHANGE
Date		11-23-05	
Scale			
Design by		G. S.	
Drawing by		RICHARD	
Checked by		G. S.	
Drawing No.		FXD-3000-SM	
Sheet		1 of 10	

ELEVATION

HEAD STANDARD FRAME



GLAZING DETAIL

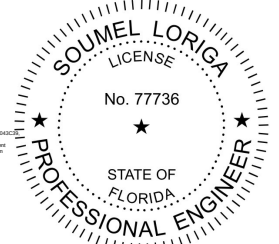
SERIES 3000 ALUMINUM
WINDOW WALL SYSTEM
SMALL MISSILE

Continental Glass Systems, LLC.
325 West 74 Place
Hialeah Florida, 33014
Phone 305-231-1101 Fax 305-231-1103

REVISION			
No	Date	By	Description
1	01-04-2011	R. P.	RENEWAL
2	11-14-2012	M.E.P	PRODUCT CONTROL
3	06-30-2016	S.I.M.	MD PER COMMENTS
4	10-10-2020	S.L.	2020 CODE CHANGE

Date	11-23-05
Scale	
Design by	G. S.
Drawing by	RICHARD
Checked by	G. S.
Drawing No. FXD-3000-SM	
Sheet 2 of 10	

ELEVATION

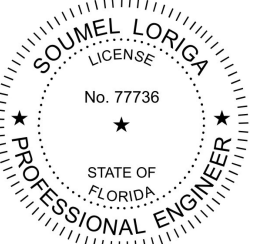
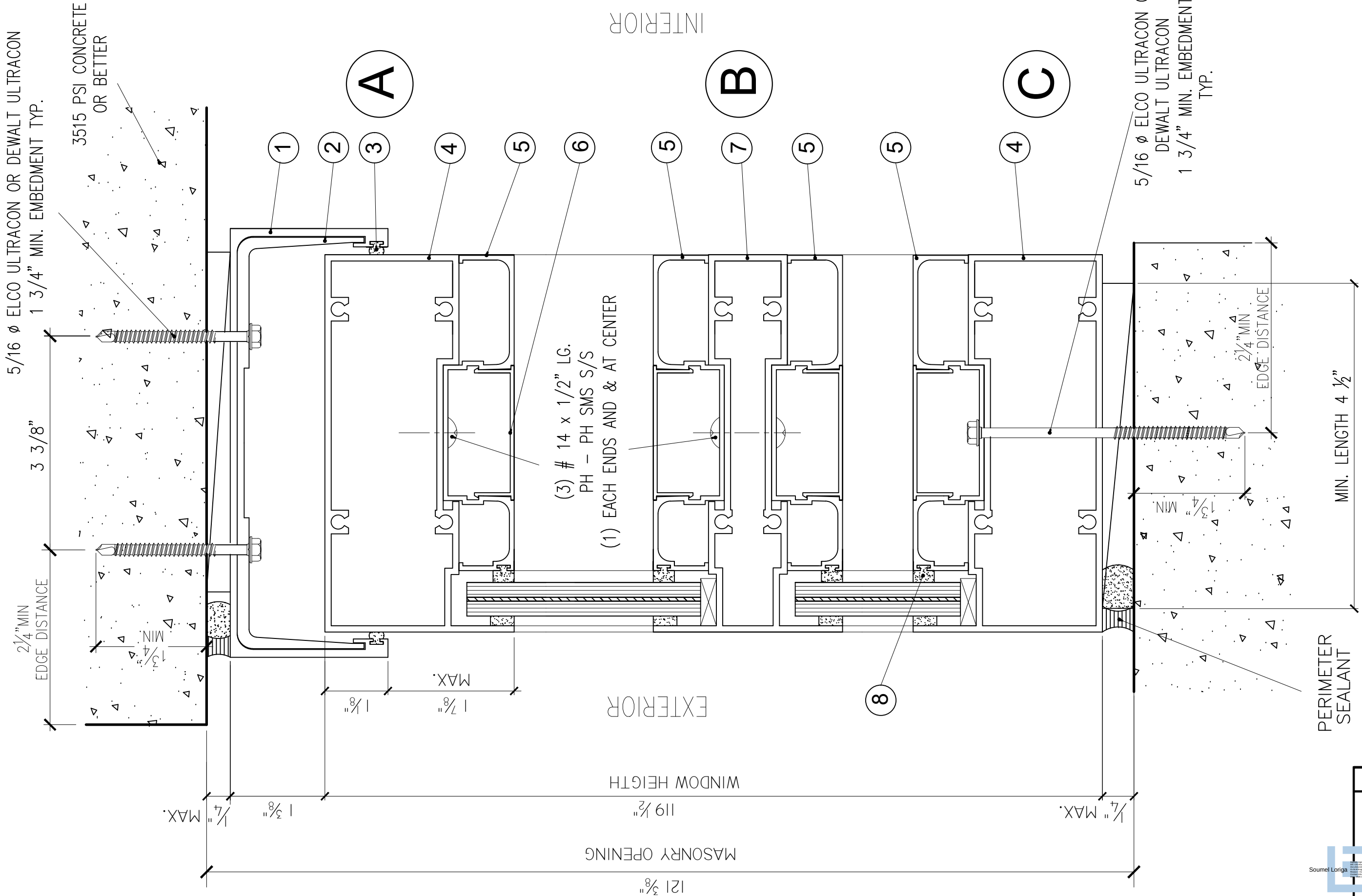


SOUMEL LORIGA, P.E.
FL P.E. # 77736
SLM ENGINEERS LLC
FBPE CERT. # 30891

NOTE "A"

* ADD (2) ANCHORS TO EACH
* PANEL WHEN LOAD = 140 P.S.F.

FIXED WINDOW ELEVATION				
EXTERIOR VIEW				
DESIGN LOAD CAPACITY (P.S.F.)		MULLION REINFORCING CHANNELS	MAXIMUM D.L.O. WIDTH	MAXIMUM WINDOW WIDTH
POSITIVE	NEGATIVE			
110	110	NO	43 1/2"	46"
140	140	YES	47 1/2"	50"
100	100	NO	47 1/2"	50"



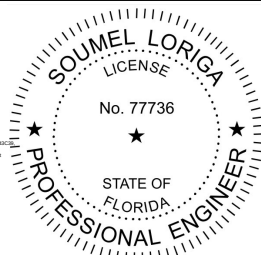
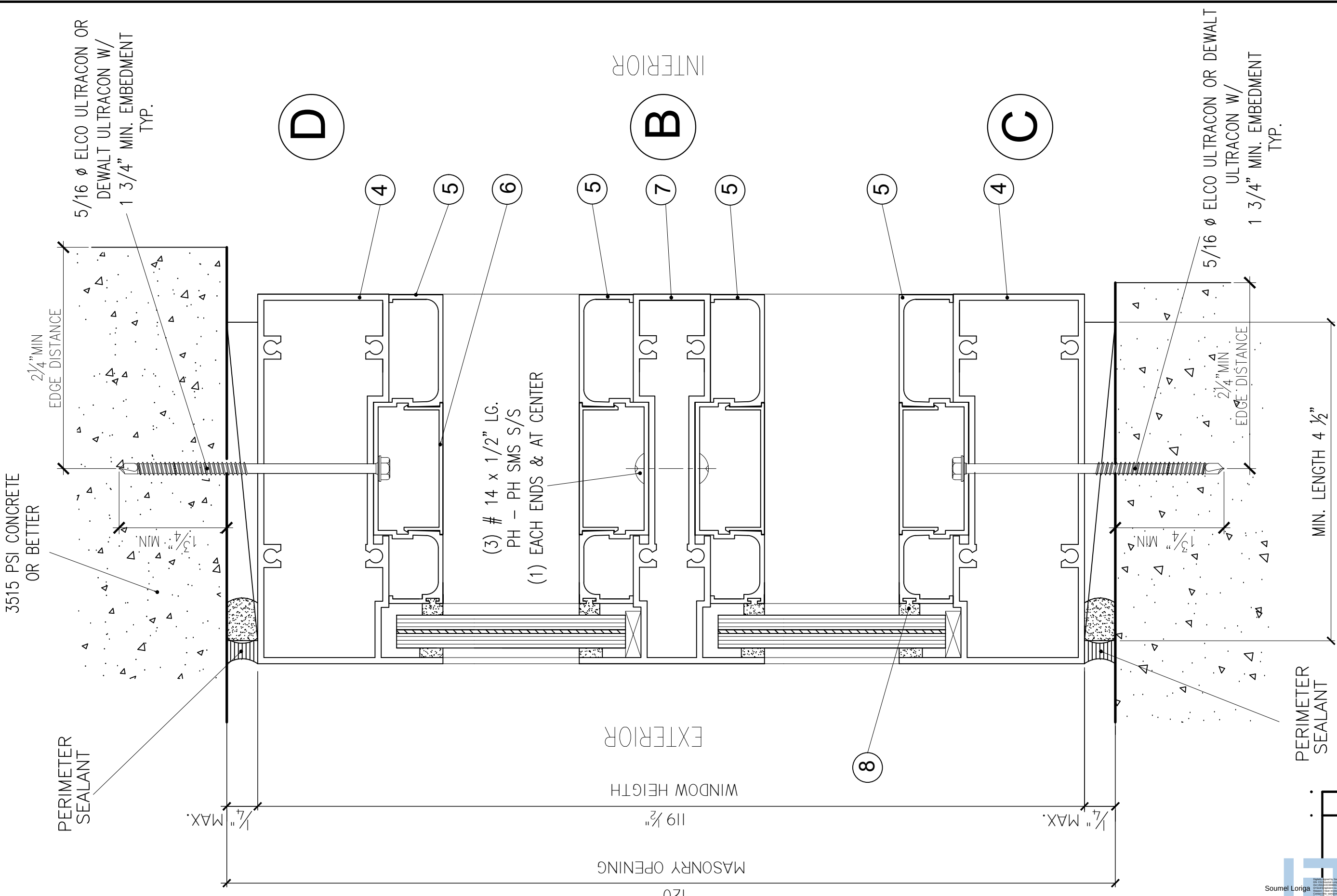
Soumel Loriga, P.E.
FL P.E. # 77736
SLM ENGINEERS LLC
FBPE CERT. # 30891

SECTIONS

REVISION				
No	Date	By	Description	
1	01-04-2011	R. P.	RENEWAL	
2	11-14-2012	M.P.	PRODUCT CONTROL	
3	06-30-2016	S.L.M.	MD RER COMMENTS	
4	10-10-2020	S.L.	2020 CODE CHANGE	
Date			11-23-05	
Scale				
Design by			G. S.	
Drawing by			RICHARD	
Checked by			G. S.	
Drawing No.				
FXD-3000-SM				
Sheet 3 of 10				

SERIES 3000 ALUMINUM
WINDOW WALL SYSTEM
SMALL MISSILE

Continental Glass Systems, LLC.
325 West 74 Place
Hialeah Florida, 33014
Phone 305-231-1101 Fax 305-231-1103



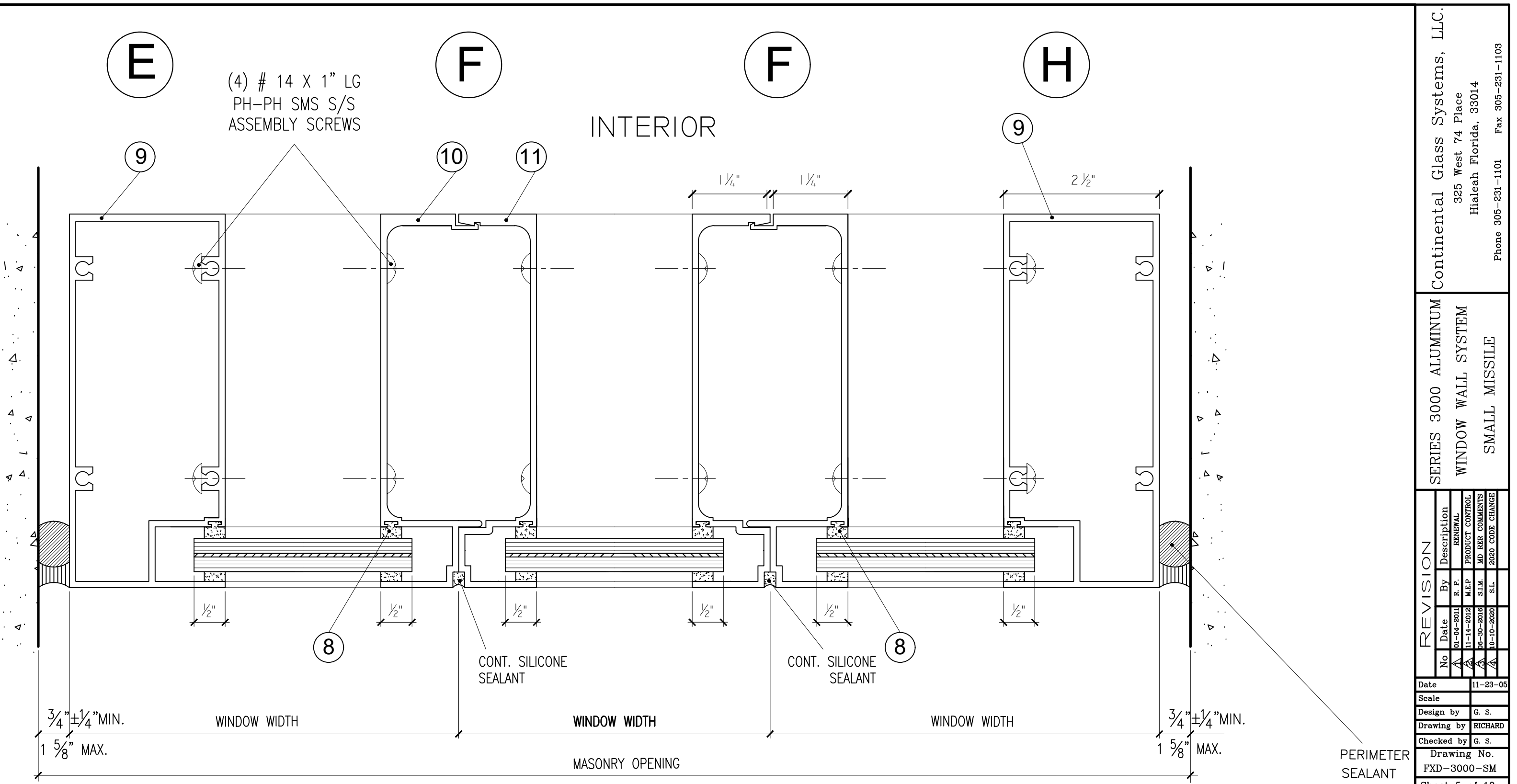
SOUMEL LORIGA, P.E.
FL P.E. # 77736
SLM ENGINEERS LLC
FBPE CERT. # 30891

SECTIONS

REVISION				
No	Date	By	Description	
1	01-04-2011	R. P.	RENEWAL	
2	11-14-2012	M.E.P.	PRODUCT CONTROL	
3	06-30-2016	S.I.M.	MD RER COMMENTS	
4	10-10-2020	S.L.	2020 CODE CHANGE	
Date			11-23-05	
Scale				
Design by			G. S.	
Drawing by			RICHARD	
Checked by			G. S.	
Drawing No.				
FXD-3000-SM				
Sheet 4 of 10				

SERIES 3000 ALUMINUM
WINDOW WALL SYSTEM
SMALL MISSILE

Continental Glass Systems, LLC.
325 West 74 Place
Hialeah Florida, 33014
Phone 305-231-1101 Fax 305-231-1103



- NOTES:
1. BACKER ROD DIAMETER EQUALS SEALANT WIDTH x 120%
 2. SEALANT WIDTH TO DEPTH RATIO SHALL BE 2:1 FOR WIDTHS UP TO 1". USE 1/2" DEPTH FOR WIDTHS GREATER THAN 1".

DESIGN LOAD CAPACITY (P.S.F.)		MULLION REINFORCING CHANNELS
POSITIVE	NEGATIVE	
110	110	NO
100	100	NO

NOTE:
THE HEAD, SILL & INTERMEDIATE MEMBERS MITER UP TO 8°

Continental Glass Systems, LLC.
325 West 74 Place
Hialeah Florida, 33014
Phone 305-231-1101 Fax 305-231-1103

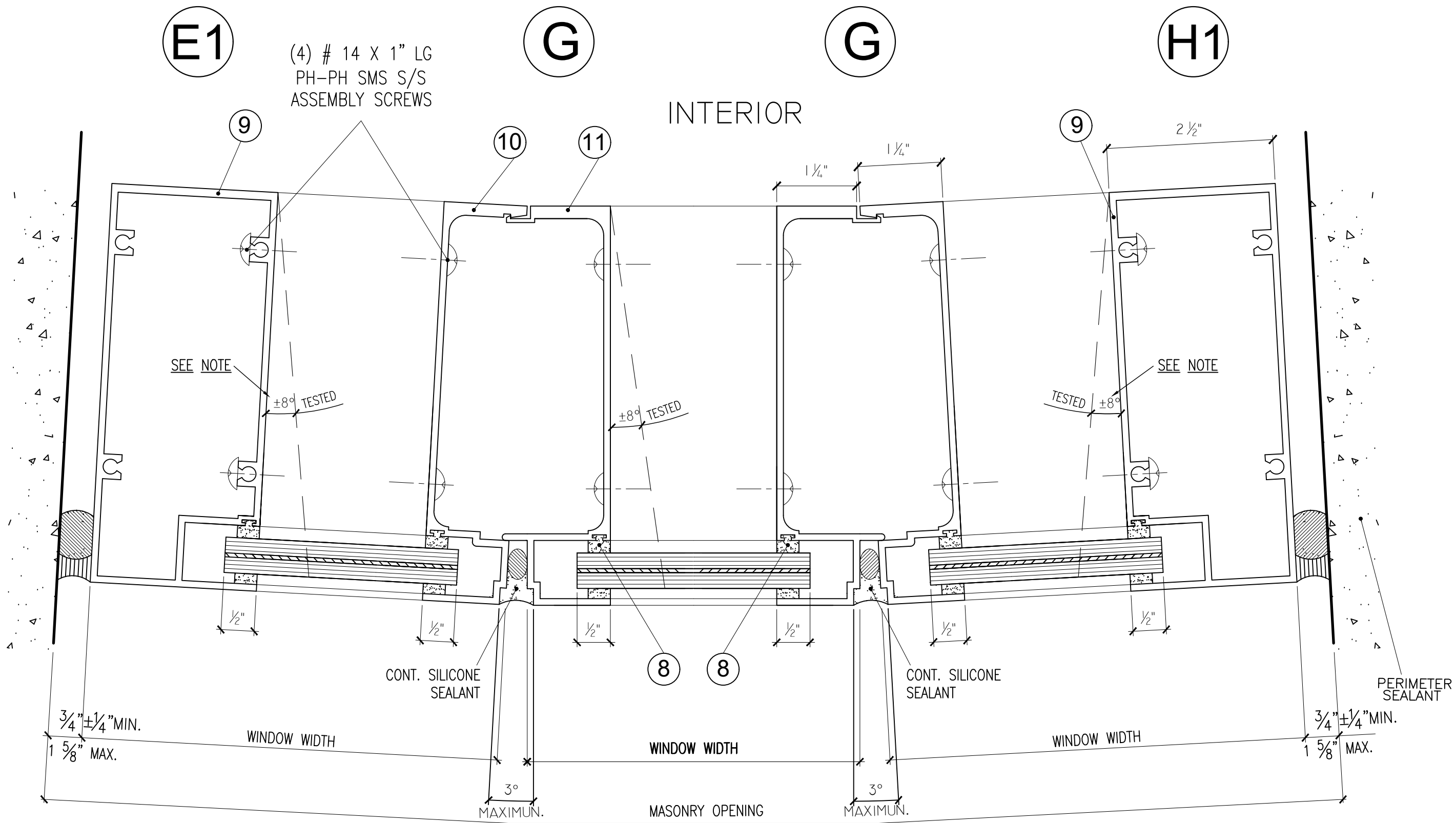
SERIES 3000 ALUMINUM WINDOW WALL SYSTEM
SMALL MISSILE

REVISION	
No	Description
1	01-04-2011 R. P. RENEWAL
2	11-14-2012 M.E.P. PRODUCT CONTROL
3	06-30-2016 S.I.M. MD RER COMMENTS
4	10-10-2020 S.L. 2020 CODE CHANGE
Date 11-23-05	
Scale	
Design by G. S.	
Drawing by RICHARD	
Checked by G. S.	
Drawing No. FXD-3000-SM	
Sheet 5 of 10	

SECTIONS

Soumel Loriga

Soumel Loriga, P.E.
FL P.E. # 77736
SLM ENGINEERS LLC
FBPE CERT. # 30891



- NOTES:
1. BACKER ROD DIAMETER EQUALS SEALANT WIDTH x 120%
 2. SEALANT WIDTH TO DEPTH RATIO SHALL BE 2:1 FOR WIDTHS UP TO 1". USE 1/2" DEPTH FOR WIDTHS GREATER THAN 1".

DESIGN LOAD CAPACITY (P.S.F.)		MULLION REINFORCING CHANNELS
POSITIVE	NEGATIVE	
110	110	NO
100	100	NO

NOTE:
THE HEAD , SILL & INTERMEDIATE MEMBERS MITER UP TO 8°

Continental Glass Systems, LLC.
325 West 74 Place
Hialeah Florida, 33014
Phone 305-231-1101 Fax 305-231-1103

SERIES 3000 ALUMINUM WINDOW WALL SYSTEM
SMALL MISSILE

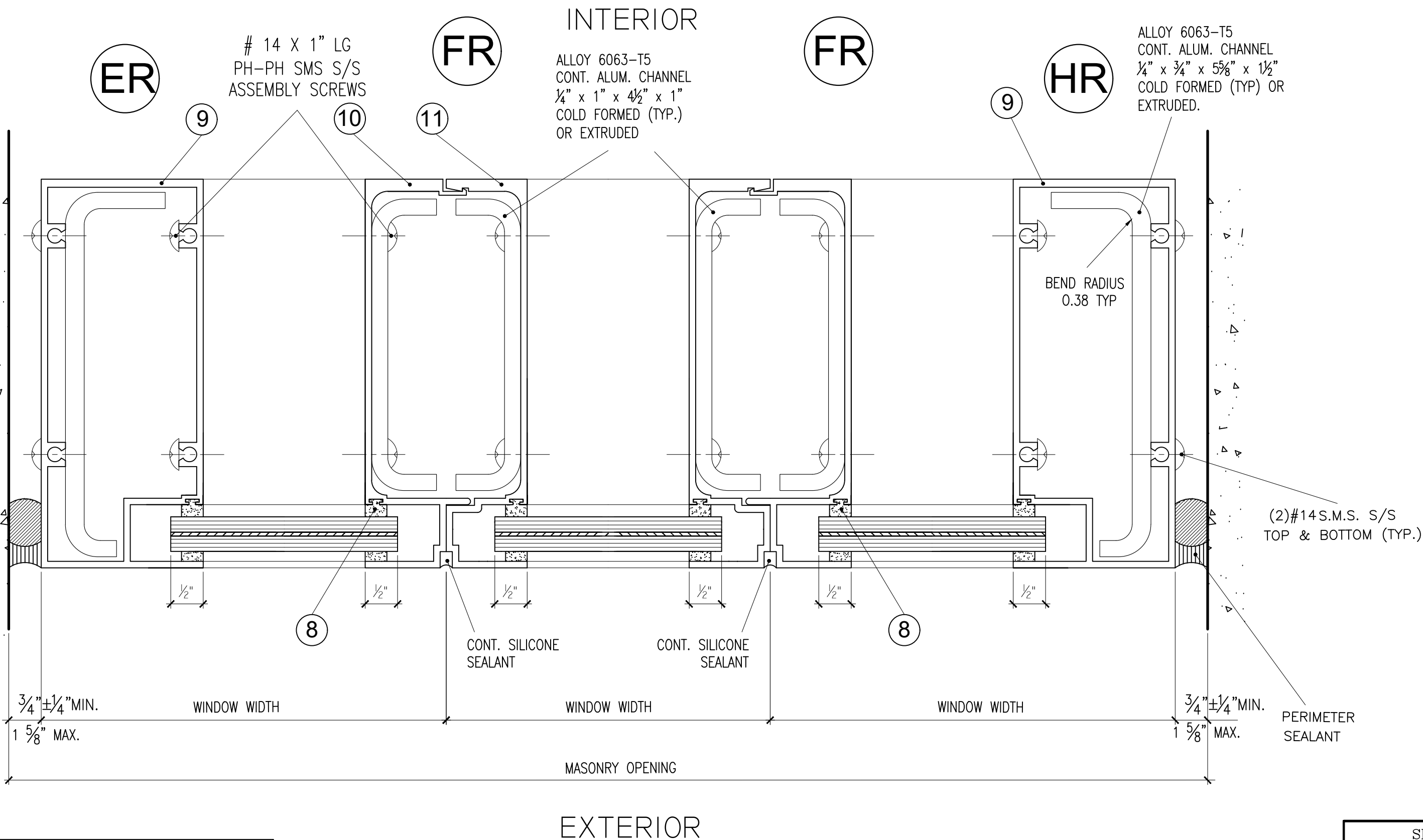
REVISION					
No	Date	By	Description		
1	01-04-2011	R. P.	RENEWAL		
2	11-14-2012	M.E.P	PRODUCT CONTROL		
3	06-30-2016	S.I.M.	MD RER COMMENTS		
4	10-10-2020	S.L.	2020 CODE CHANGE		
Date		11-23-05			
Scale					
Design by		G. S.			
Drawing by		RICHARD			
Checked by		G. S.			
Drawing No. FXD-3000-SM					
Sheet 6 of 10					

SECTIONS

Soumel Loriga

Soumel Loriga
LICENSE
No. 77736
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Soumel Loriga, P.E.
FL P.E. # 77736
SLM ENGINEERS LLC
FBPE CERT. # 30891



- NOTES:
1. BACKER ROD DIAMETER EQUALS SEALANT WIDTH x 120%
 2. SEALANT WIDTH TO DEPTH RATIO SHALL BE 2:1 FOR WIDTHS UP TO 1". USE 1/2" DEPTH FOR WIDTHS GREATER THAN 1".

DESIGN LOAD CAPACITY (P.S.F.)		MULLION REINFORCING CHANNELS
POSITIVE	NEGATIVE	
140	140	YES

NOTE:
THE HEAD , SILL & INTERMEDIATE MEMBERS MITER UP TO 8°

Continental Glass Systems, LLC.
325 West 74 Place
Hialeah Florida, 33014
Phone 305-231-1101 Fax 305-231-1103

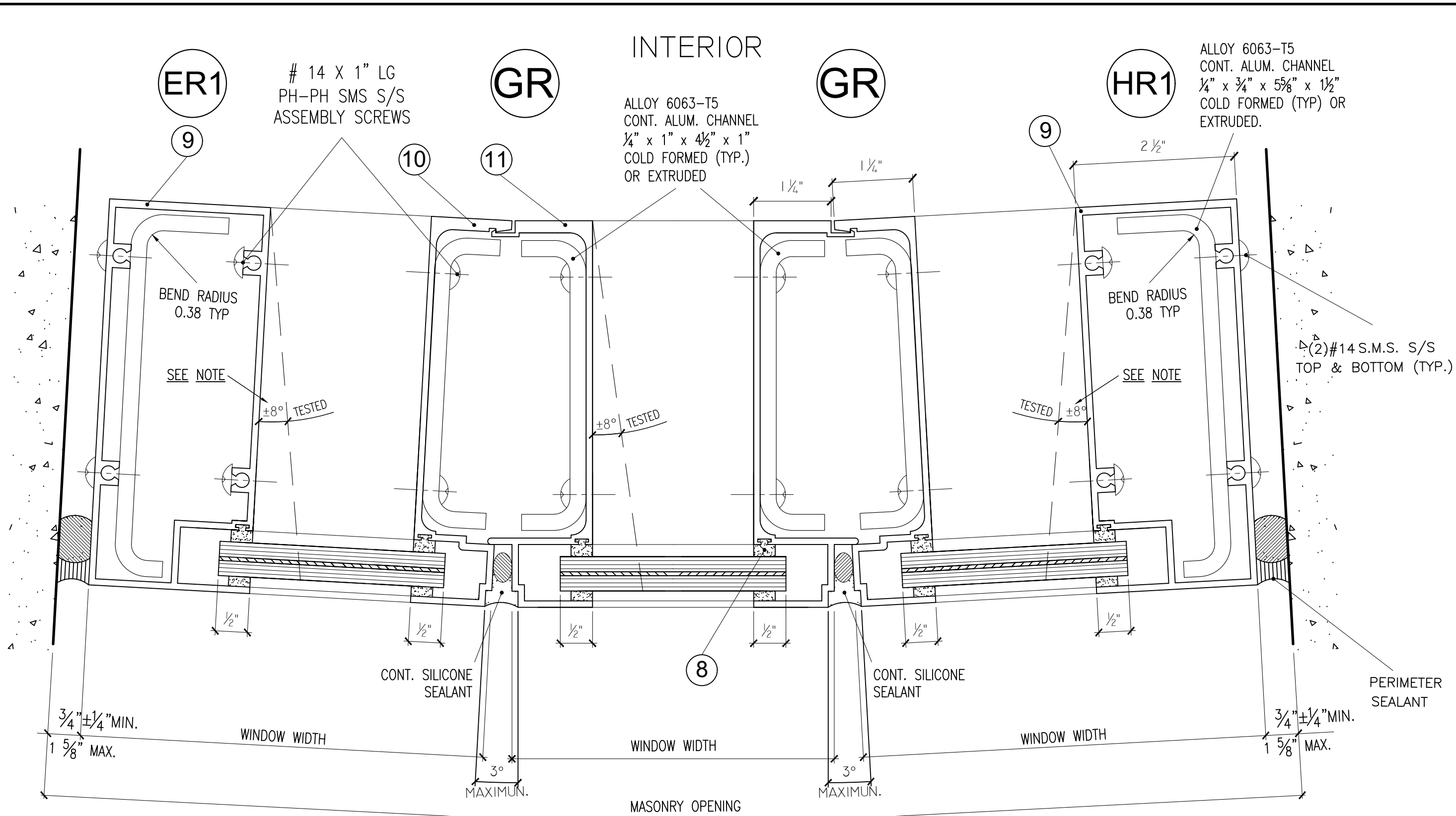
SERIES 3000 ALUMINUM WINDOW WALL SYSTEM
SMALL MISSILE

REVISION		Date		11-23-05	
No	Description	By	Date	Scale	Design by
1	RENEWAL	R.P.	01-04-2011	G.S.	
2	PRODUCT CONTROL	M.P.	11-14-2012		
3	MD. RER COMMENTS	S.L.M.	08-30-2018		
4	2020 CODE CHANGE	S.L.	10-10-2020		
Drawing No.		FXD-3000-SM		Sheet 7 of 10	

SECTIONS

Soumel Loriga

Soumel Loriga, P.E.
FL P.E. # 77736
SLM ENGINEERS LLC
FBPE CERT. # 30891



- NOTES:
1. BACKER ROD DIAMETER EQUALS SEALANT WIDTH x 120%
 2. SEALANT WIDTH TO DEPTH RATIO SHALL BE 2:1 FOR WIDTHS UP TO 1". USE 1/2" DEPTH FOR WIDTHS GREATER THAN 1".

DESIGN LOAD CAPACITY (P.S.F.)		MULLION REINFORCING CHANNELS
POSITIVE	NEGATIVE	
140	140	YES

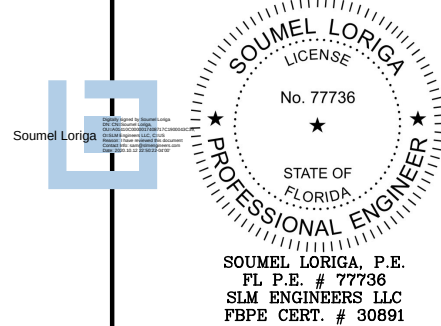
NOTE:
THE HEAD , SILL & INTERMEDIATE MEMBERS MITER UP TO 8°

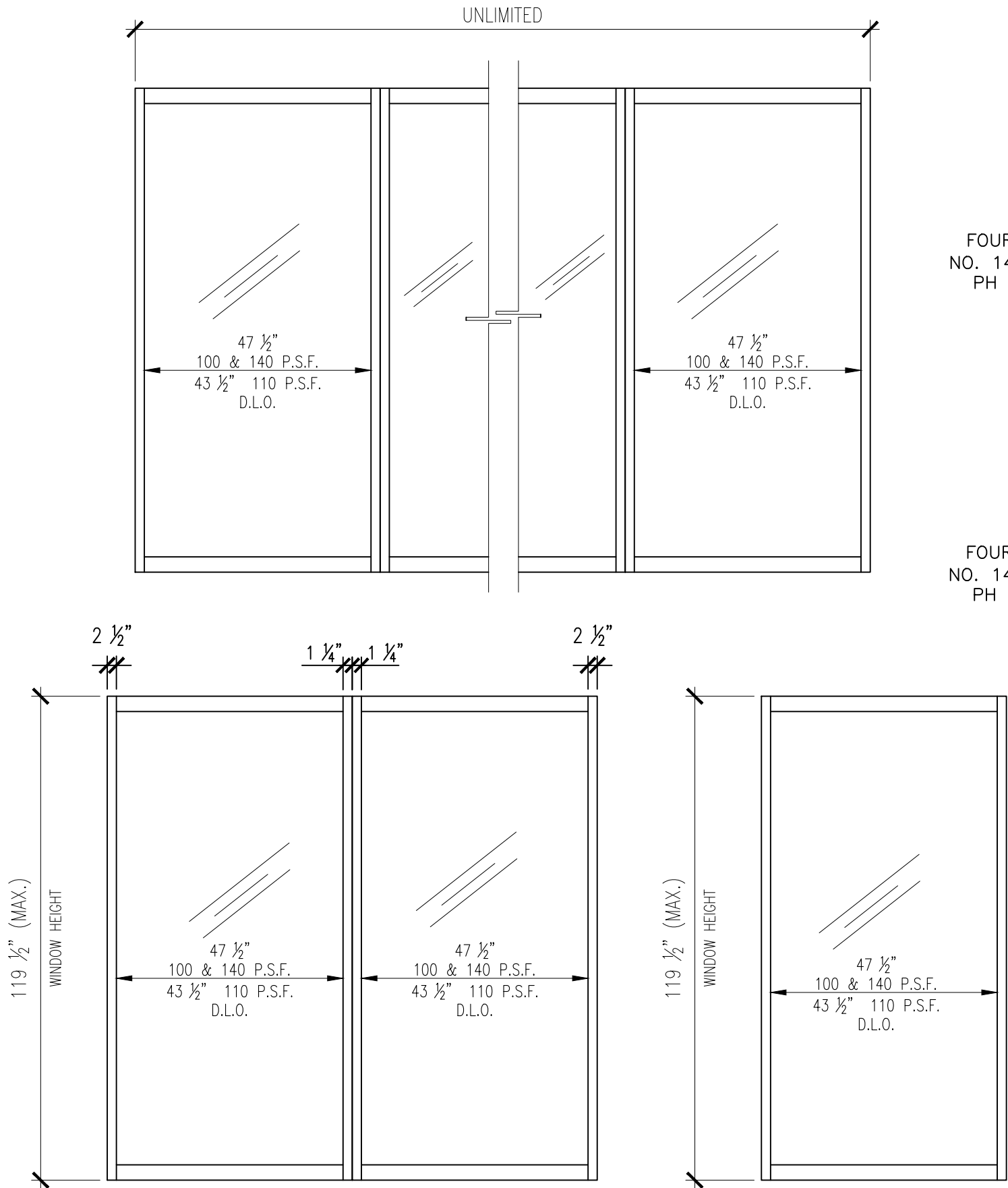
Continental Glass Systems, LLC.
325 West 74 Place
Hialeah Florida, 33014
Phone 305-231-1101 Fax 305-231-1103

SERIES 3000 ALUMINUM WINDOW WALL SYSTEM
SMALL MISSILE

REVISION		Date	By	Description
No.	Date	By	Description	
1	01-04-2011	R. P.	RENEWAL	
2	11-14-2012	M.E.P.	PRODUCT CONTROL	
3	06-30-2016	S.L.M.	MD RER COMMENTS	
4	10-10-2020	S.L.	2020 CODE CHANGE	
Date		11-23-05		
Scale				
Design by		G. S.		
Drawing by		RICHARD		
Checked by		G. S.		
Drawing No.		FXD-3000-SM		
Sheet		8 of 10		

SECTIONS

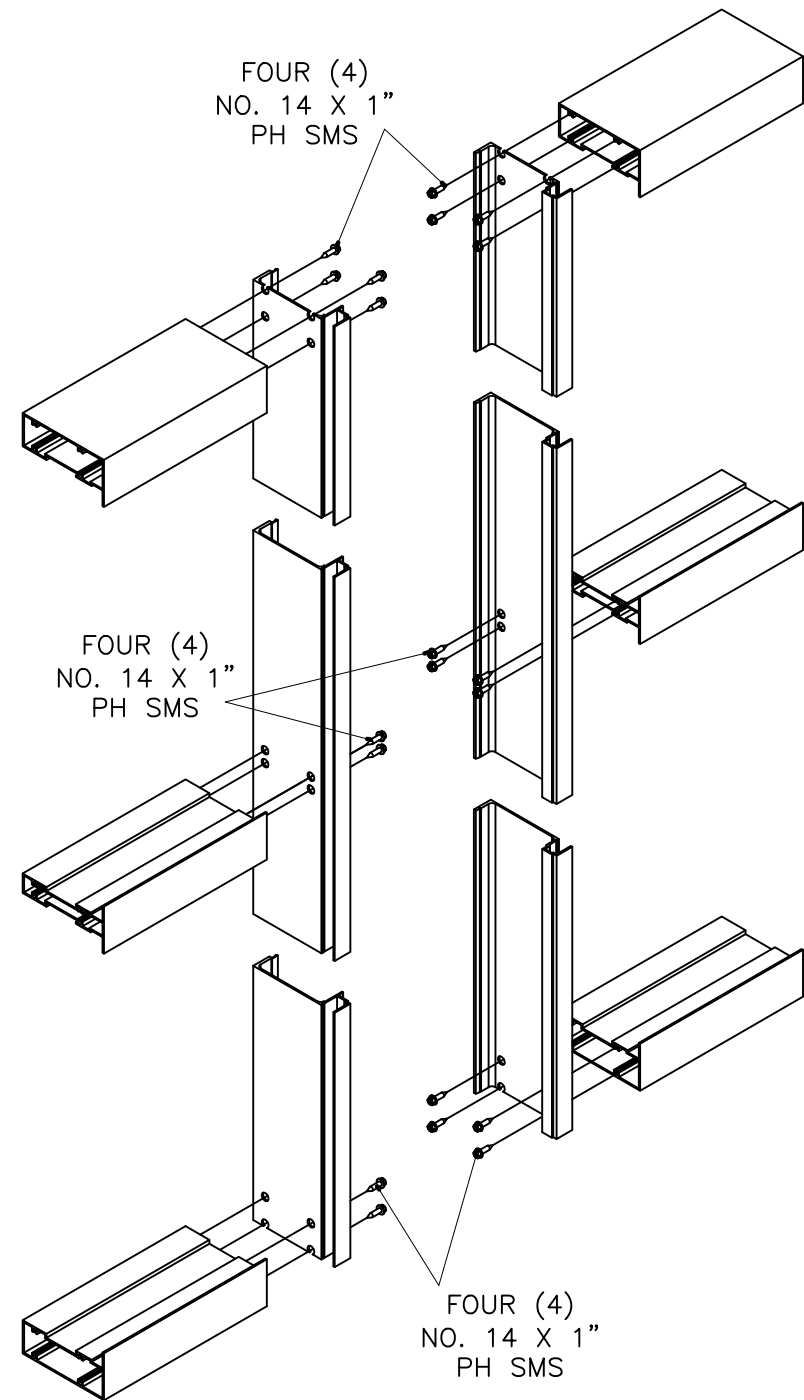




FOUR (4)
NO. 14 X 1"
PH SMS

FOUR (4)
NO. 14 X 1"
PH SMS

FOUR (4)
NO. 14 X 1"
PH SMS



CONSTRUCTION DETAILS

Continental Glass Systems, LLC.
325 West 74 Place
Hialeah Florida, 33014
Phone 305-231-1101 Fax 305-231-1103

SERIES 3000 ALUMINUM
WINDOW WALL SYSTEM
SMALL MISSILE

REVISION					
No	Date	By	Description		
1	01-04-2011	R. P.	RENEWAL		
2	11-14-2012	M.E.P.	PRODUCT CONTROL		
3	06-30-2016	S.L.M.	MD RER COMMENTS		
4	10-10-2020	S.L.	2020 CODE CHANGE		

Date 11-23-05

Scale

Design by G. S.

Drawing by RICHARD

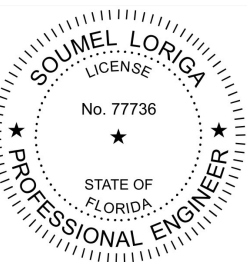
Checked by G. S.

Drawing No.

FXD-3000-SM

Sheet 9 of 10

ELEVATIONS



SOUDEL LORIGA, P.E.
FL P.E. # 77736
SLM ENGINEERS LLC
FBPE CERT. # 30891

7 INTERMEDIATE

10 MALE

1 RECEPTOR

4 HEAD AND SILL

2 REINFORCING

5 BEAD

9 JAMB

11 FEMALE

ITEM NUMBER	PART NUMBER	PART NAME	ALLOY & TEMPER
1	2000 - 07	RECEPTOR	6005-T5
2	2000 - 16	REINFORCING	6005-T5
3	FP-448-V	VINYL BULB	
4	3000 - 01	HEAD AND SILL	6005-T5
5	3000 - 03	BEAD	6005-T5
6	3000 - 07	COVER	6005-T5
7	3000 - 02	INTERMEDIATE	6005-T5
8	CGS - 01	GLASS SPACING	
9	3000 - 04	JAMB	6005-T5
10	3000 - 05	MALE	6005-T5
11	3000 - 06	FEMALE	6005-T5

6 COVER
NOT USED ON THE TEST

EXTRUSIONS AND PARTS

Soumel Loriga, P.E.
FL P.E. # 77736
SLM ENGINEERS LLC
FBPE CERT. # 30891

Continental Glass Systems, LLC.
325 West 74 Place
Hialeah Florida, 33014
Phone 305-231-1101 Fax 305-231-1103

SERIES 3000 ALUMINUM
WINDOW WALL SYSTEM
SMALL MISSILE

REVISION		Description	
No	Date	By	
A	01-04-2011	R.P.	RENEWAL
A	11-14-2012	M.E.P	PRODUCT CONTROL
A	08-30-2016	S.L.M	MD REV COMMENTS
A	10-10-2020	S.L.	2020 CODE CHANGE
Date		11-23-05	
Scale			
Design by		G. S.	
Drawing by		RICHARD	
Checked by		G. S.	
Drawing No.		FXD-3000-SM	
Sheet		10 of 10	