



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1107
MIAMI, FLORIDA 33130-1563
(305) 375-2902 FAX (305) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buildingcode

**Epsilon Concept, Inc.
2880 NE 7th Avenue
Pompano Beach, FL 33064**

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) 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 Division (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. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division 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 "Epsilon WW20" Window Wall System – S.M.I.

APPROVAL DOCUMENT: Drawing No. T-001, titled "Series WW20 Series Window Wall Small Missile Impact", sheets 1 through 11 of 11, dated 04/15/09 with revision "R1" dated 07/28/10, prepared by Structural Design, Inc., signed and sealed by Farrokh Rasekhi, P. E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and Approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Small Missile Impact Resistant.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, Quebec, Canada 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 consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P. E.**



*J. Gascon
8/11/10*

NOA No. 09-1209.08
Expiration Date: September 01, 2015
Approval Date: September 01, 2010

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- A. DRAWINGS**
1. Manufacturer's die drawings and sections.
 2. Drawing No **T-001**, titled "Series WW20 Series Window Wall Small Missile Impact", sheets 1 through 11 of 11, dated 04/15/09 with revision "**RI**" dated 07/28/10, prepared by Structural Design, Inc., signed and sealed by Farrokh Rasekhi, 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 Aluminum Window Wall System, prepared by Fenestration testing Laboratory, Inc., Test Report No. **FTL-6038**, dated 05/17/10, signed and sealed by Jorge A. Causo, P. E.
- C. CALCULATIONS**
1. Anchor verification calculations and structural analysis, complying with FBC-2007, dated 11/30/09, prepared by Structural Design, Inc., dated 08/05/10, signed and sealed by Farrokh Rasekhi, P. E.
Complies with ASTM E1300-04
- D. QUALITY ASSURANCE**
1. Miami-Dade Building Code Compliance Office (BCCO).
- E. MATERIAL CERTIFICATIONS**
1. Notice of Acceptance No. **06-0216.06** issued to Solutia Inc. for their "**Saflex III G Clear or colored interlayer**" dated 05/04/06, expiring on 05/21/11.
- F. STATEMENTS**
1. Statement letter of conformance and compliance with the FBC-2007, dated November 23, 2009, signed and sealed by Farrokh Rasekhi, P. E.
 2. Statement letter of no financial interest, dated November 23, 2009, signed and sealed by Farrokh Rasekhi, P. E.
 3. Laboratory compliance letter for Test Report No. **FTL-6038**, issued by Fenestration testing Laboratory, Inc., dated June 07, 2010, signed and sealed by Jorge A. Causo, P. E.



Jaime D. Gascon, P. E.
Chief, Product Control Division
NOA No. 09-1209.08

Expiration Date: September 01, 2015
Approval Date: September 01, 2010

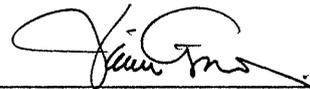
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS (CONTINUED)

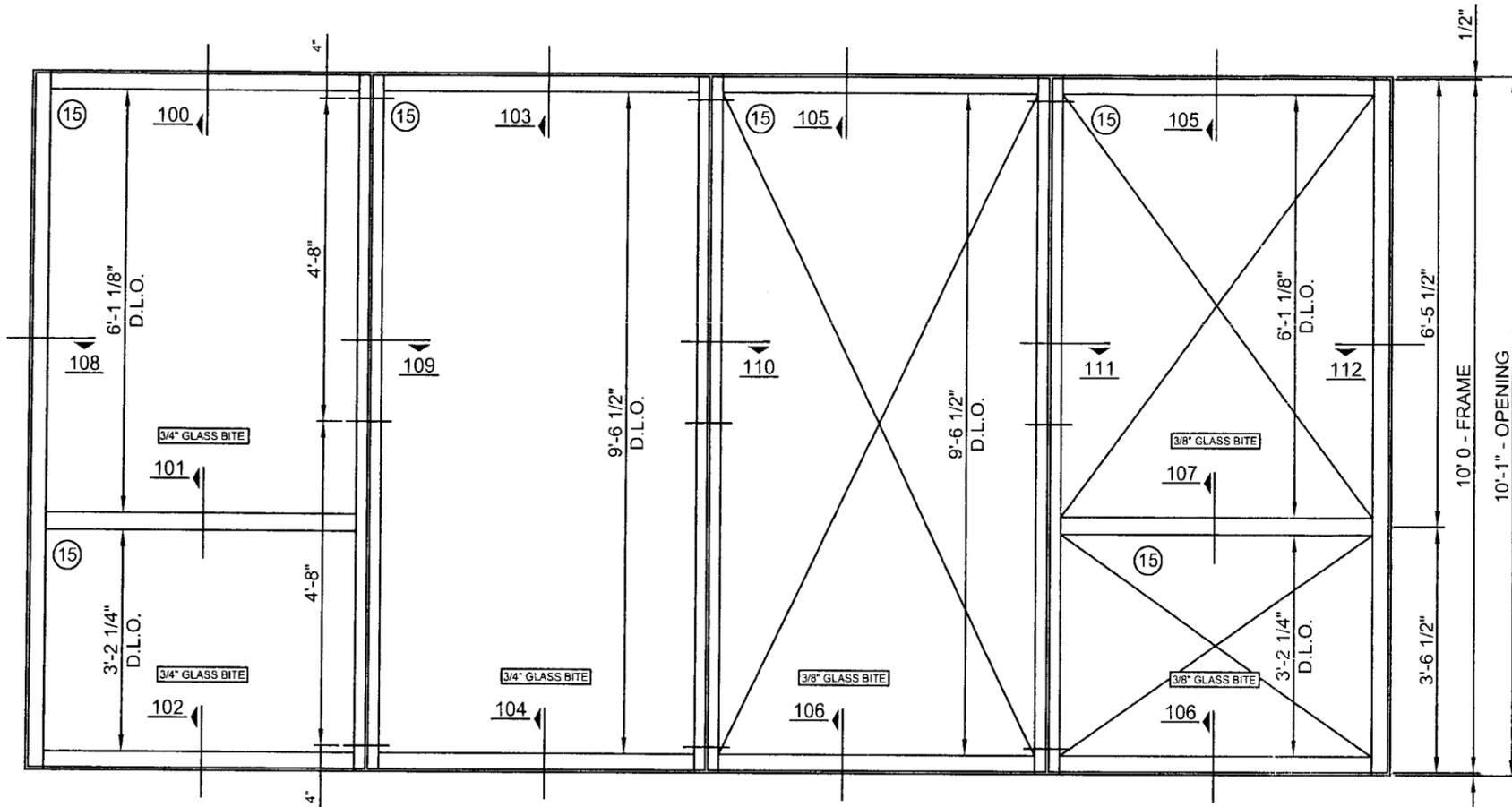
4. Asset agreement, dated July 09, 2008, signed by Mr. Alain LeFrancois and Mr. Jean LeFrancois, respectively.
5. Distributor Agreement between Epsilon Concept, Inc., Quebec, Canada and Global Performance Window, Inc., Pompano Beach, Florida, U.S.A., dated 06/30/10, signed by Alain LeFrancois and Jean LeFrancois, respectively.
6. Proposal No. **09-01308** issued by BCCO, dated October 15, 2009, signed by Renzo Narciso.

G. OTHERS

1. None.



Jaime D. Gascon, P. E.
Chief, Product Control Division
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EPSYLON - WINDOW WALL SYSTEM (S.M.I.)

THIS SYSTEM IS RATED FOR SMALL MISSILE IMPACT.

MIAMI-DADE COUNTY APPROVED IMPACT RESISTANT SHUTTERS NOT REQUIRED

GENERAL NOTES :

7/16" LAMINATED GLASS: 3/16" CLEAR TEMPERED GLASS
0.060" CLEAR PVB (SOLUTIA)-SAFLEX III G
3/16" CLEAR TEMPERED GLASS
LAMINATED BY VIRACON

ALL ALUMINUM IS 6063-T6

MAXIMUM GLASS DIMENSION : 57 11/16" x 115 15/16"

GLAZING PENETRATION (GLASS BITE) INDICATED ON ELEVATION

1/2" MAXIMUM SHIM SPACE

CONCRETE APPLICATION : 3000 PSI

SEE TEST REPORT FOR EXACT LOCATIONS OF SEALANT

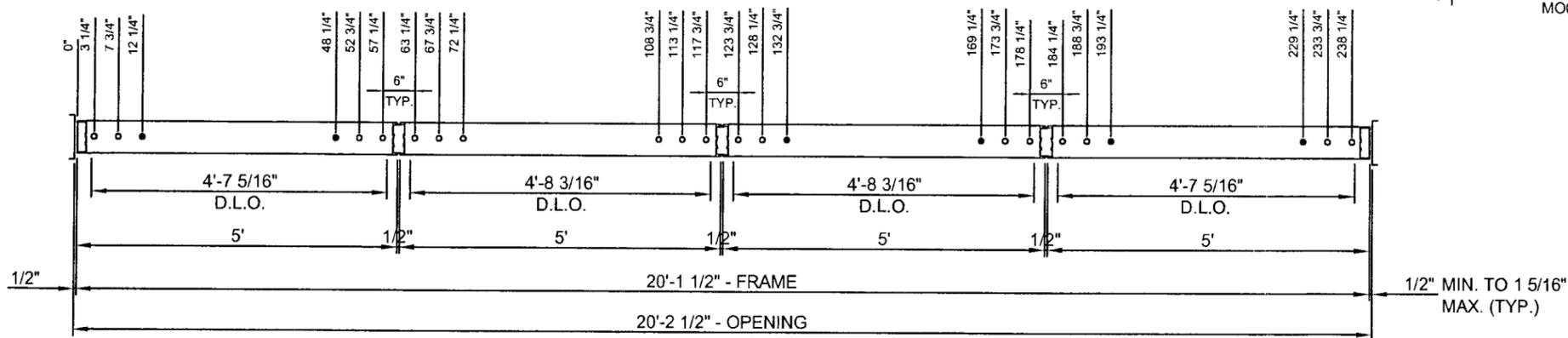
REFER TO BILL OF MATERIAL FOR COMPLETE DESCRIPTION FOR ALL PRODUCTS

THE MINIMUM EDGE DISTANCE TO USE FULL CAPACITY OF 3/8" WEDGE BOLT IS 4 1/2"

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2007 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

SEALANT USED IN MOCK-UPS:

- MOCK-UP # 1 : TREMCO - SPECTREM 2
- MOCK-UP # 2 : TREMCO - SPECTREM 2
- MOCK-UP # 3 : G.E. - SILPRUF SCS 2000



● ADD THESE ANCHORS ONLY FOR 1/2" GAP

Approved as complying with the Florida Building Code
Date 09/01/2010
NOA# 09-1269.08
Miami Dade Product Control Division
By *[Signature]*

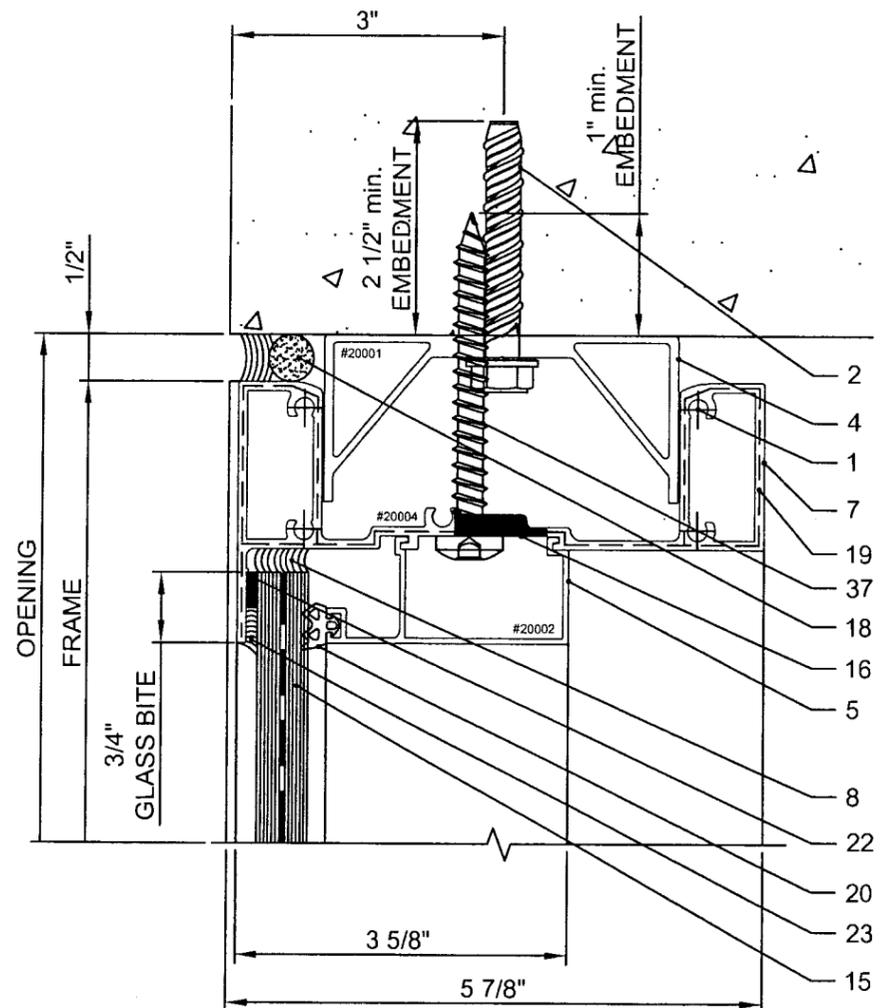
STRUCTURAL DESIGN INC.
CONSULTING STRUCTURAL ENGINEERS
9595 N. KENDALL DR. SUITE NO. 209
MIAMI, FLORIDA 33176 CERTIFICATE #: 8803
[Signature]
8/5/10
TEL: (305) 595-8965 FARROKH PASEKHI, P.E.
FAX: (305) 595-8966 FL. REC. #38001



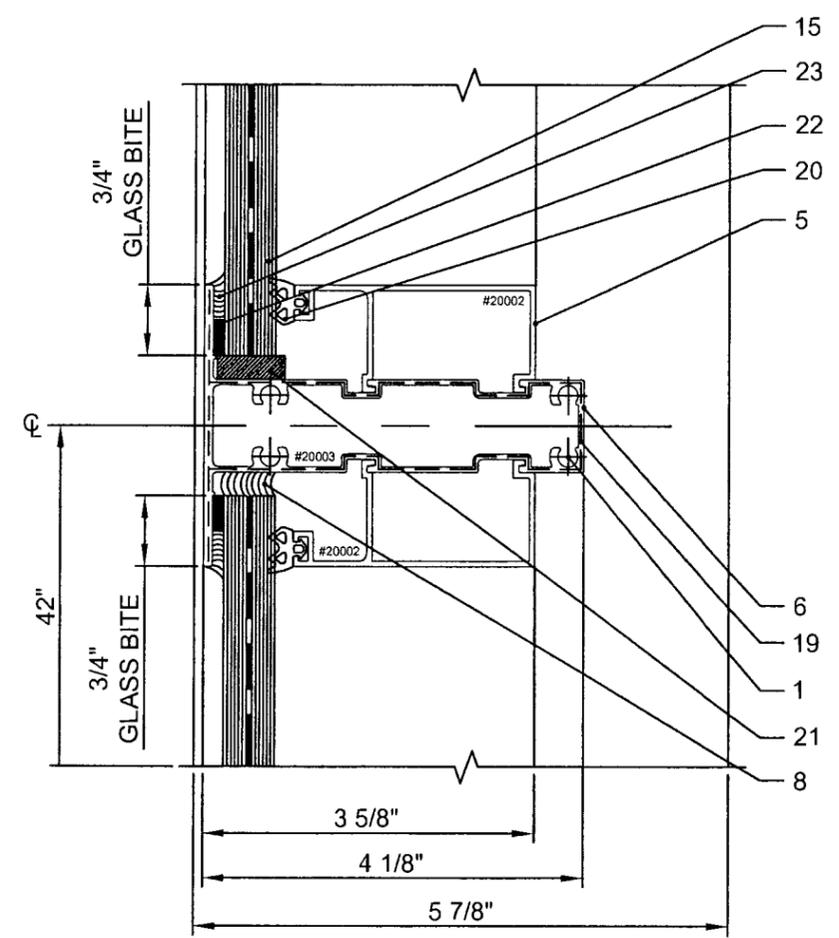
TITLE:
**SERIES WW20
WINDOW WALL
ELEVATION
SMALL MISSILE IMPACT
+110 / -110 PSF**

SCALE: N.T.S.	DRAWN BY: D. LABBÉ	
DATE: 2009-04-15	DWG NO: T-001	PAGE: 01

REVISIONS:	BY:
R1 07/28/2010	O.S.



detail 100



detail 101

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 Florida Building Code
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 NOA# 09-1209-00
 Miami Date Product Control
 Division
 By *[Signature]*

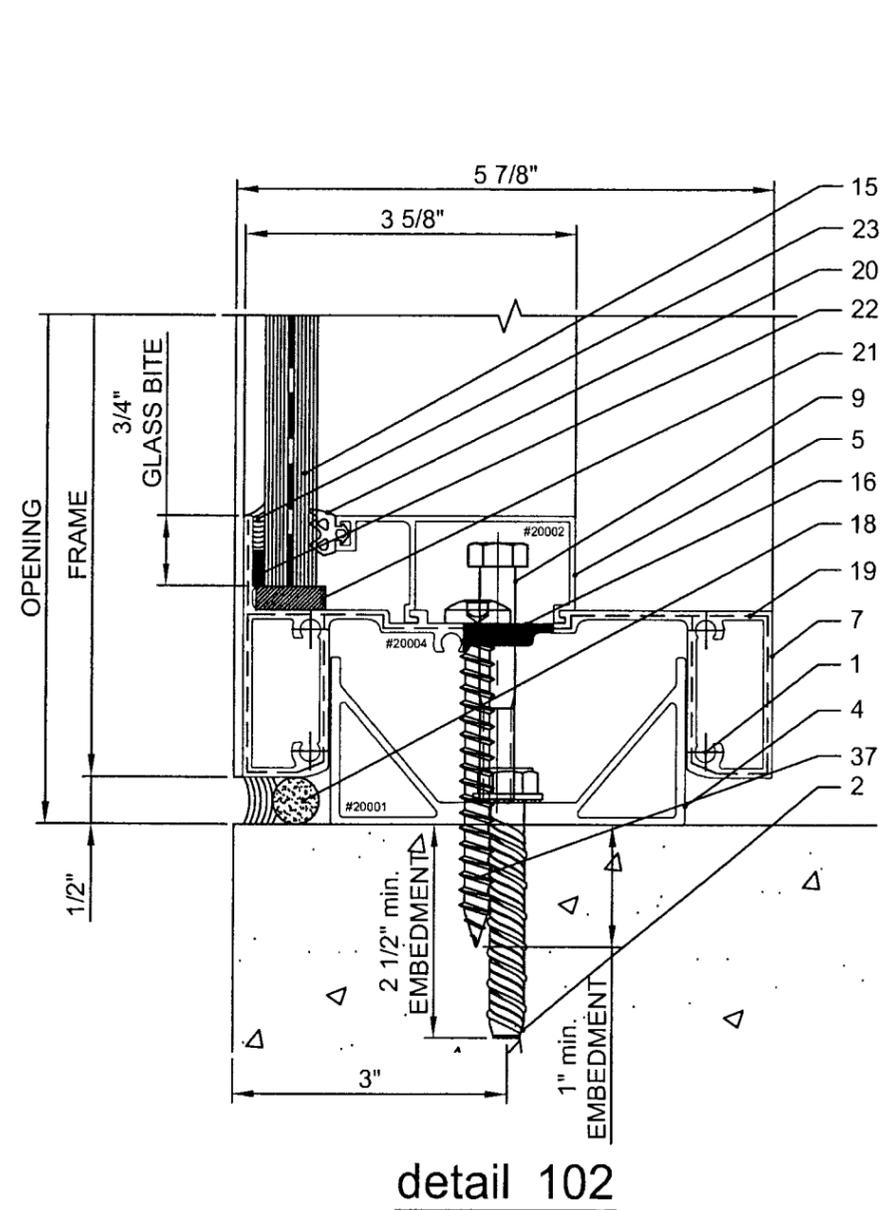
STRUCTURAL DESIGN INC.
 CONSULTING STRUCTURAL ENGINEERS
 9595 N. KENDALL DR. SUITE NO. 209
 MIAMI, FLORIDA 35176 CERTIFICATE #: 8803
[Signature]
 8/5/10
 TEL: (305) 595-8963 FARROKH RASEKHI, P.E.
 FAX: (305) 595-8966 FL. REG. #38001



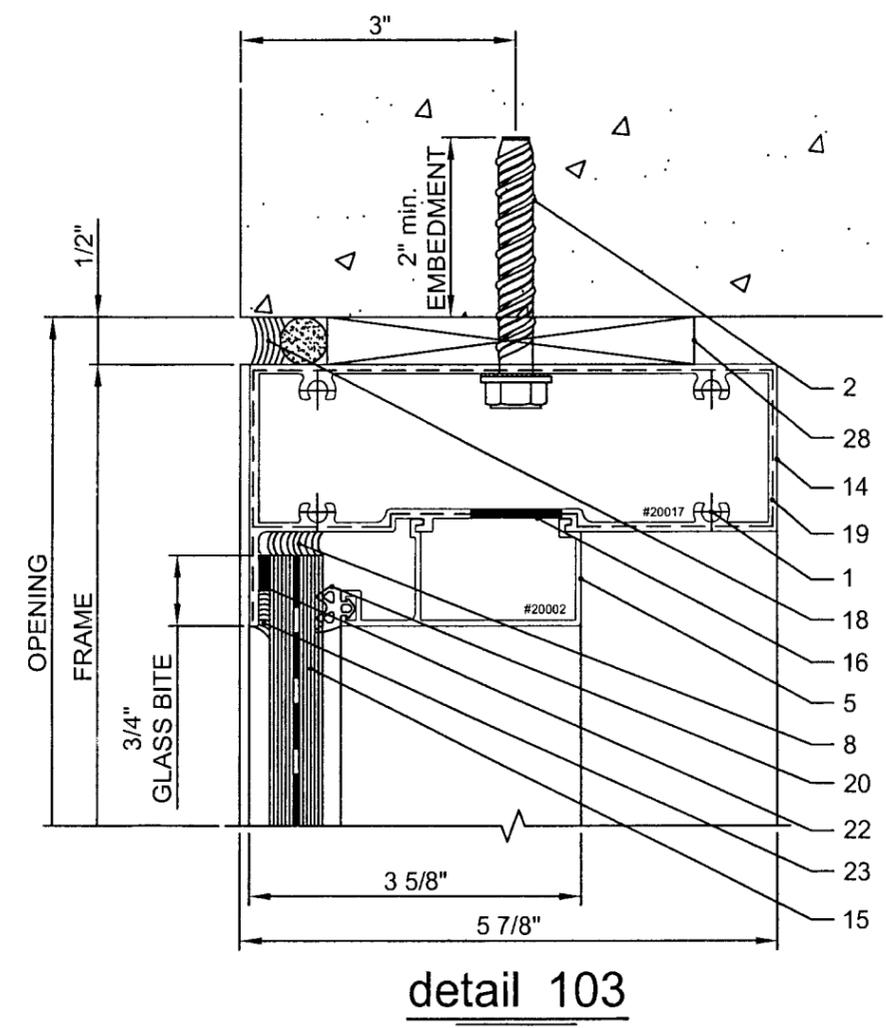
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 SERIES WW20
 WINDOW WALL
 DETAILS #100 & 101
 SMALL IMPACT

SCALE: 6" = 1'-0"	DRAWN BY: D. LABBÉ	
DATE: 2009-04-15	DWG NO. T-001	PAGE 02

REVISIONS:	BY:
R1 07/28/2010	O.S.



detail 102



detail 103

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 NOA# 09-1209-08
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 Division
 By *[Signature]*

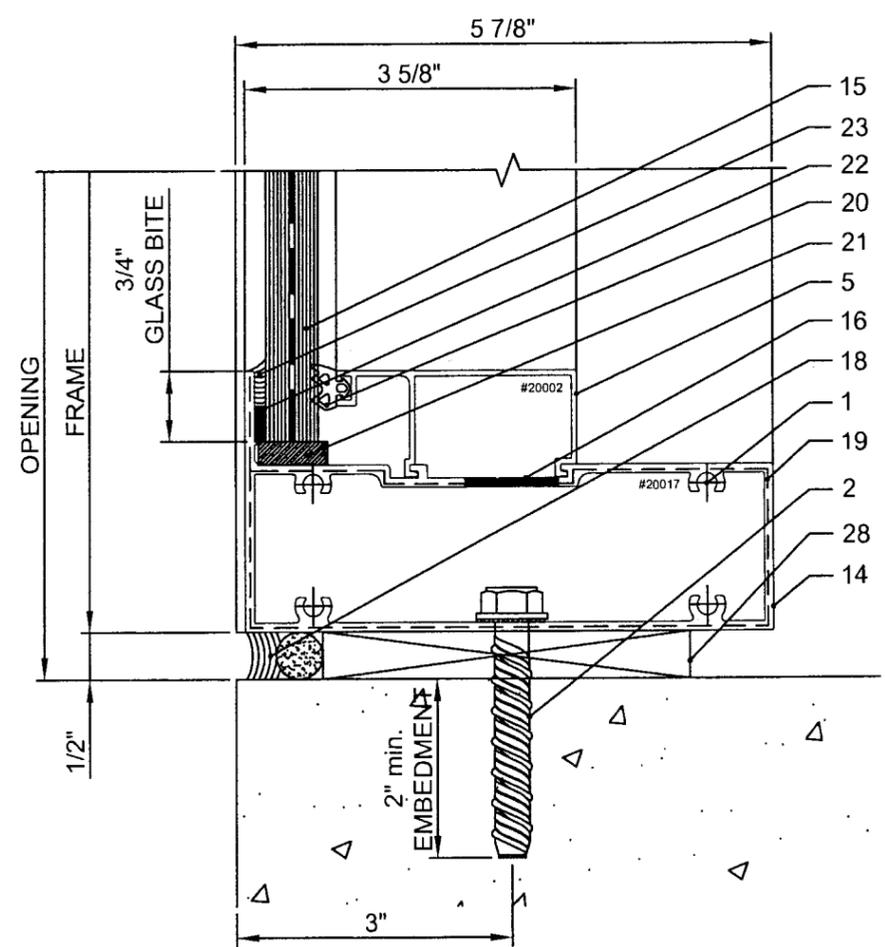
STRUCTURAL DESIGN INC.
 CONSULTING STRUCTURAL ENGINEERS
 9595 N. KENDALL DR. SUITE NO. 209
 MIAMI, FLORIDA 33176 CERTIFICATE # 8803
[Signature]
 8/5/10
 TEL: (305) 595-8965 FARROKH RASEKHI, P.E.
 FAX: (305) 595-8966 FL. REG. #38001



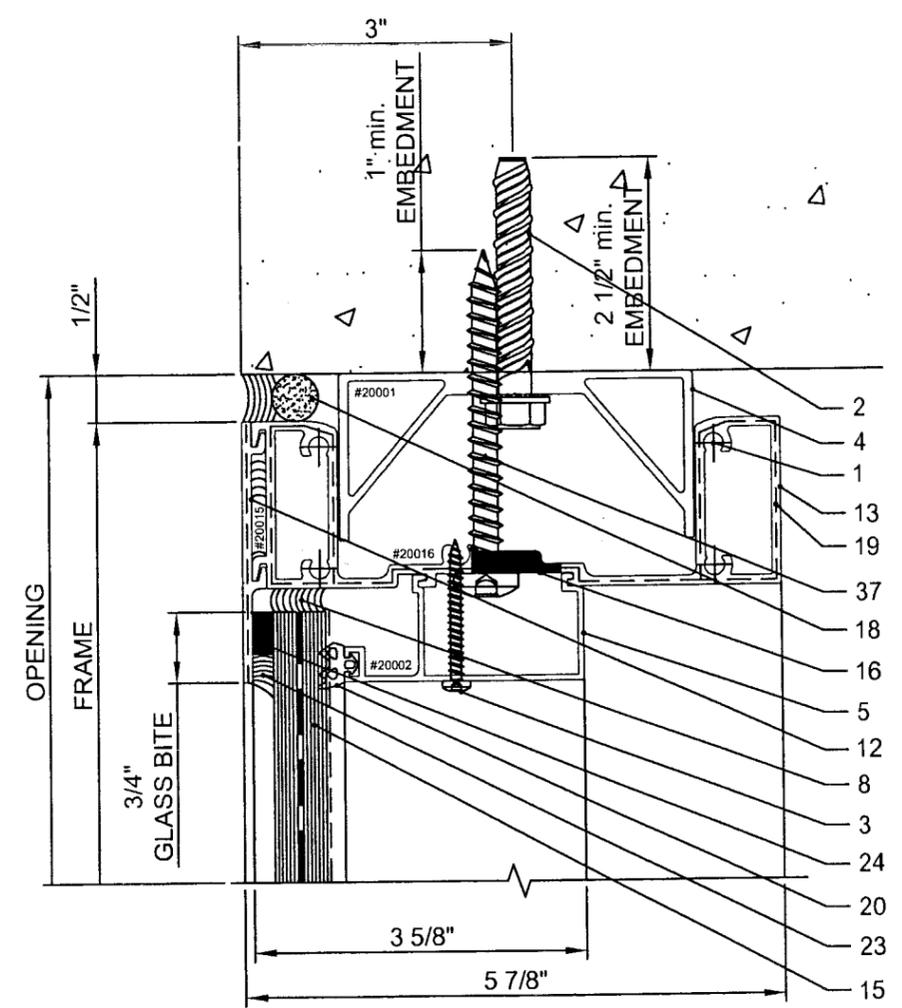
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 SERIES WW20
 WINDOW WALL
 DETAILS #102 & 103
 SMALL IMPACT

SCALE: 6" = 1'-0"	DRAWN BY: D. LABBÉ	
DATE: 2009-04-15	DWG NO. T-001	PAGE 03

REVISIONS:	BY:
R1 07/28/2010	O.S.



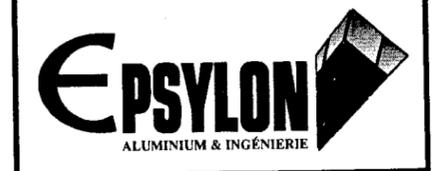
detail 104



detail 105

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 Florida Building Code
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 NOA# 09-12,09,08
 Miami Dade Product Control
 Division
 By *[Signature]*

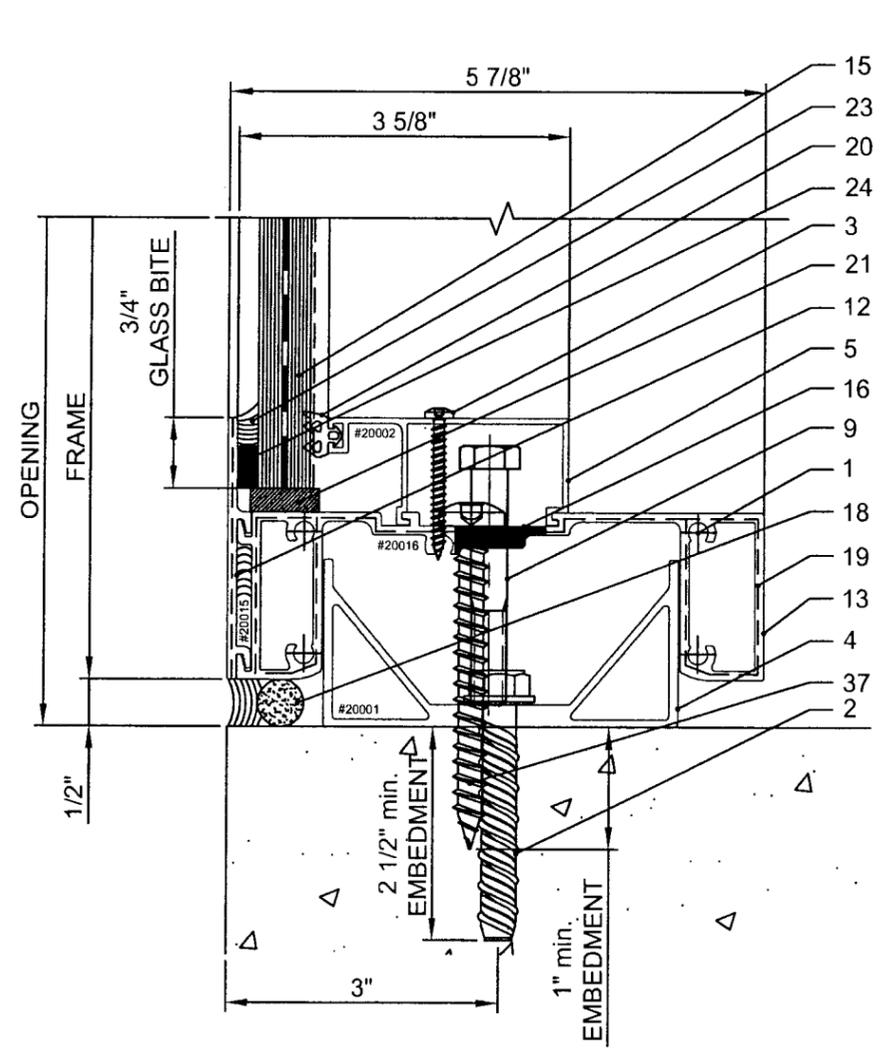
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 CONSULTING STRUCTURAL ENGINEERS
 9595 N. KENDALL DR. SUITE NO. 209
 MIAMI, FLORIDA 33176 CERTIFICATE # 8803
[Signature]
8/5/10
 TEL: (305) 595-8966 FARROKH RASEKHI, P.E.
 FAX: (305) 595-8966 FL. REG. #38201



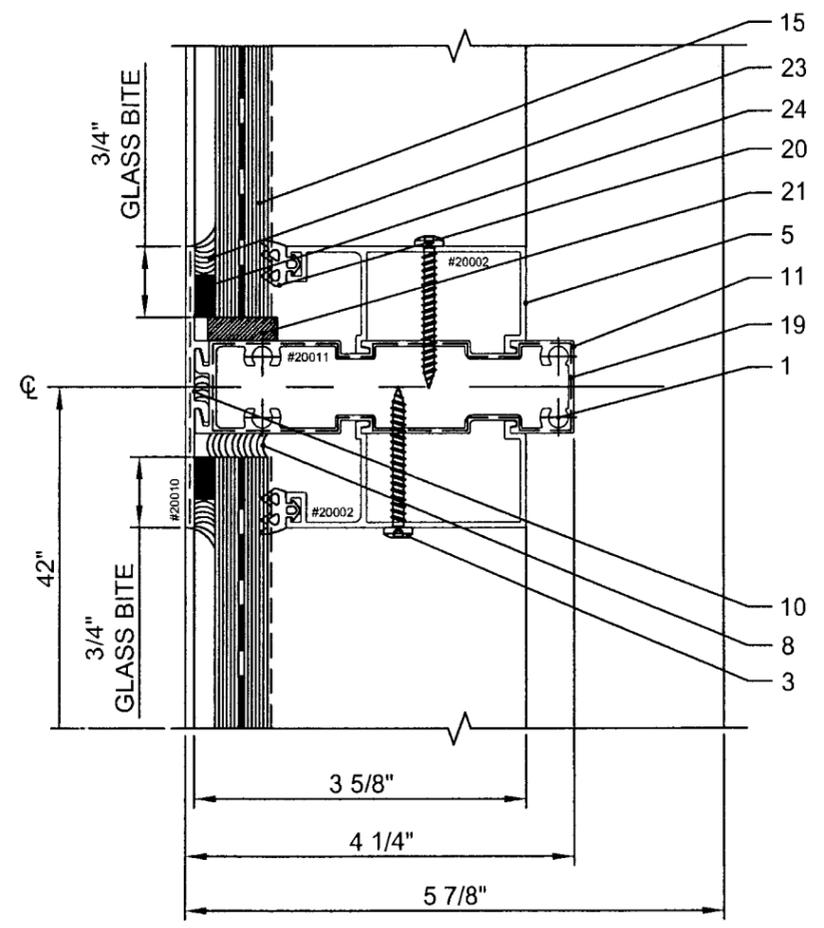
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 SERIES WW20
 WINDOW WALL
 DETAILS #104 & 105
 SMALL IMPACT

SCALE: 6" = 1'-0"	DRAWN BY: D. LABBÉ	
DATE: 2009-04-15	DWG NO. T-001	PAGE 04

REVISIONS:	BY:
R1 07/28/2010	O.S.



detail 106



detail 107

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 Florida Building Code
 Date 09/01/2010
 NOA# 09-1209-08
 Miami Dade Product Control
 Division
 By [Signature]

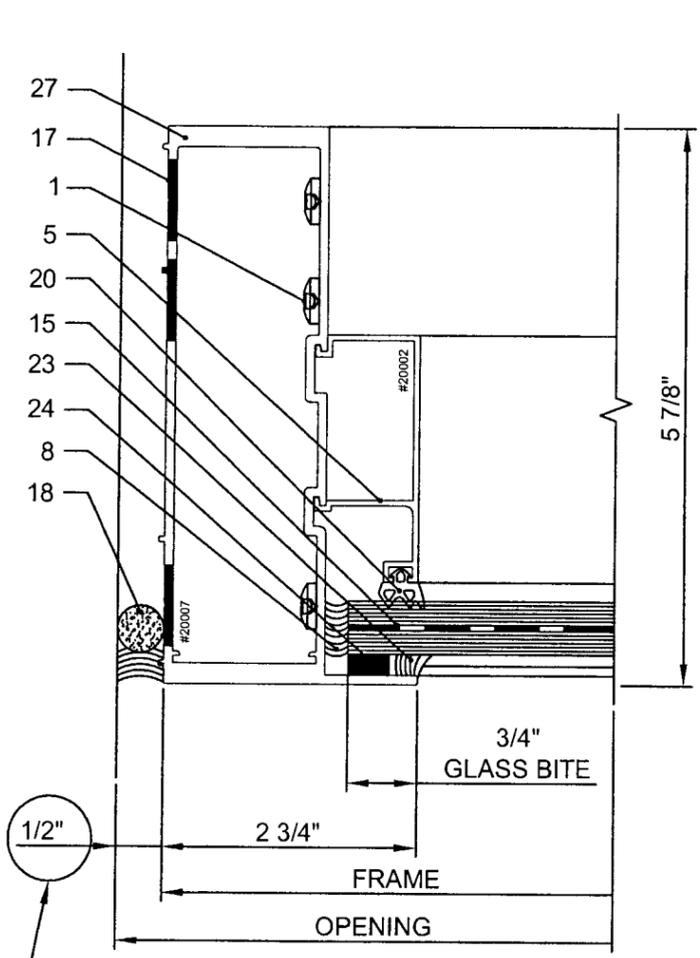
STRUCTURAL DESIGN INC.
 CONSULTING STRUCTURAL ENGINEERS
 9595 N. KENDALL DR. SUITE NO. 209
 MIAMI, FLORIDA 33176 CERTIFICATE # 8803
[Signature]
 8/5/10
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TITLE:
 SERIES WW20
 WINDOW WALL
 DETAILS #106 & 107
 SMALL IMPACT

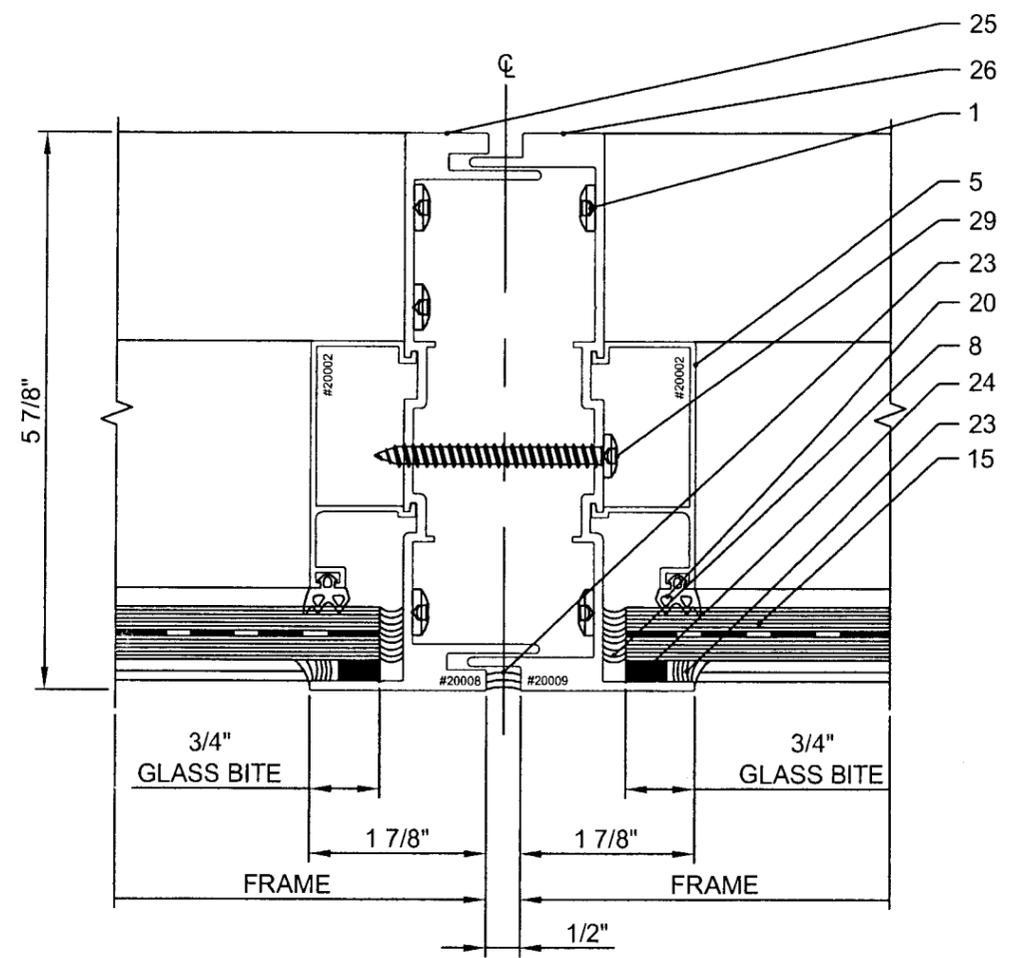
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DATE: 2009-04-15	DWG NO. T-001	PAGE 05

REVISIONS:	BY:
R1 07/28/2010	O.S.



detail 108

SEE ELEV. FOR
MAX. GAP



detail 109

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Florida Building Code
Date 09/01/2010
NOA# 09-1209-08
Miami Dade Product Control
Division
By *[Signature]*

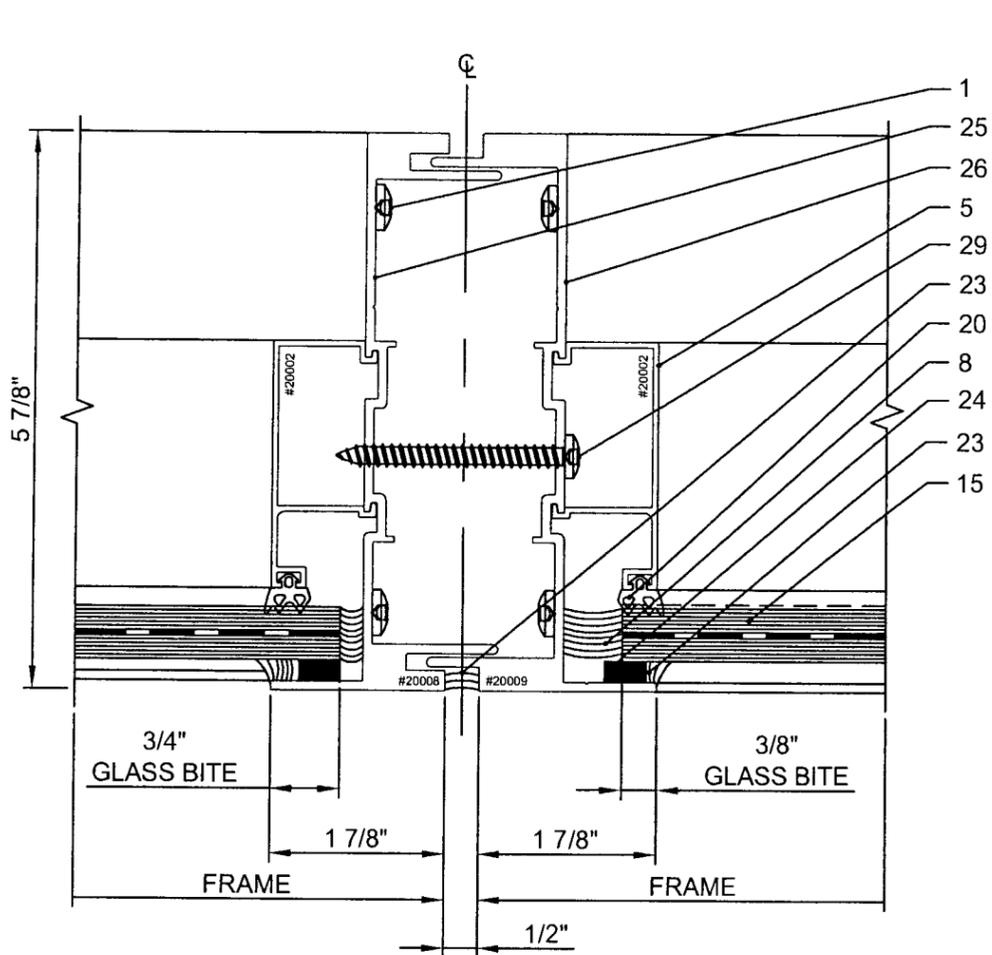
STRUCTURAL DESIGN INC.
CONSULTING STRUCTURAL ENGINEERS
9595 N. KENDALL DR. SUITE NO. 209
MIAMI, FLORIDA 33176 CERTIFICATE # 8803
[Signature]
8/5/10
TEL: (305) 595-8965 FARROKH RASEKHI, P.E.
FAX: (305) 595-8966 FL. REG. #38001



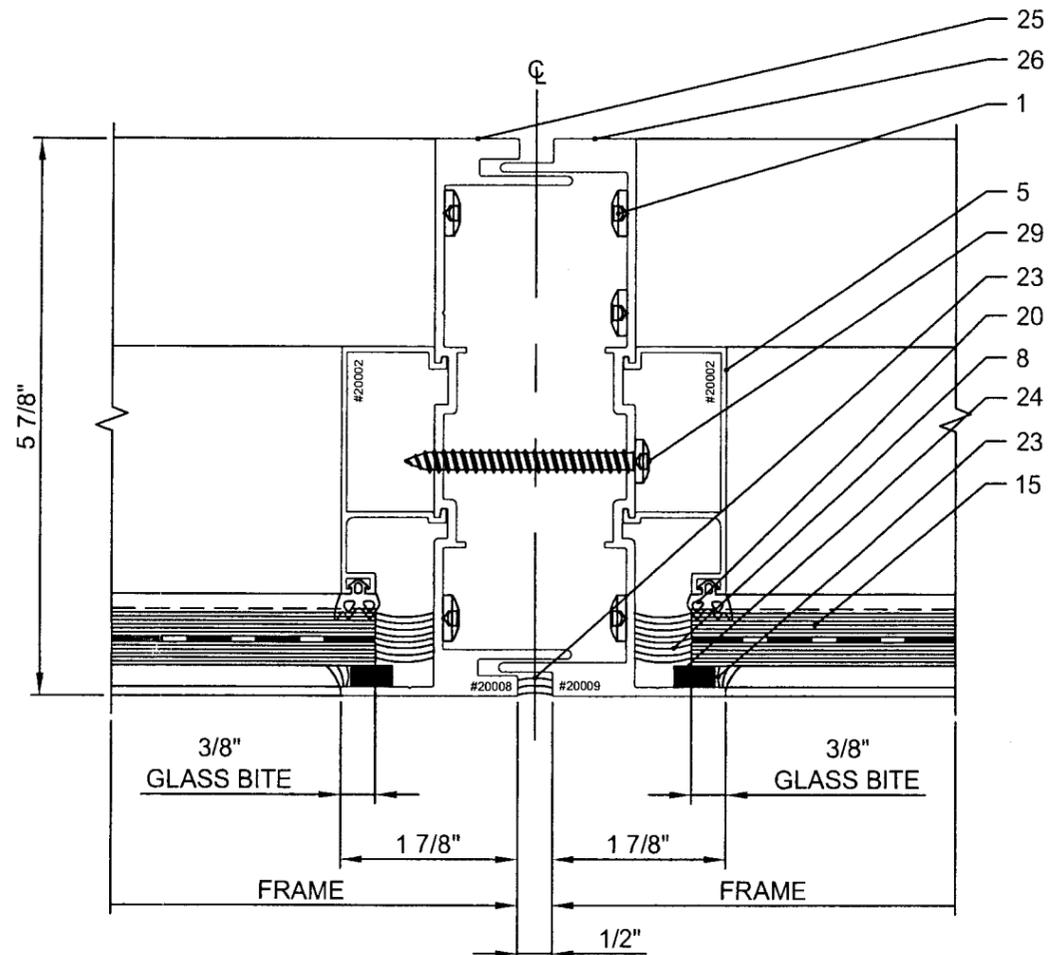
TITLE:

SERIES WW20
WINDOW WALL
DETAILS #108 & 109
SMALL IMPACT

SCALE: 6" = 1'-0"	DRAWN BY: D. LABBÉ	
DATE: 2009-04-15	DWG NO. T-001	PAGE 06



detail 110



detail 111

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R1 07/28/2010	O.S.

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 Florida Building Code
 Date 09/01/2010
 NOA# 09-1269-08
 Miami Date Product Control
 Division
 By *[Signature]*

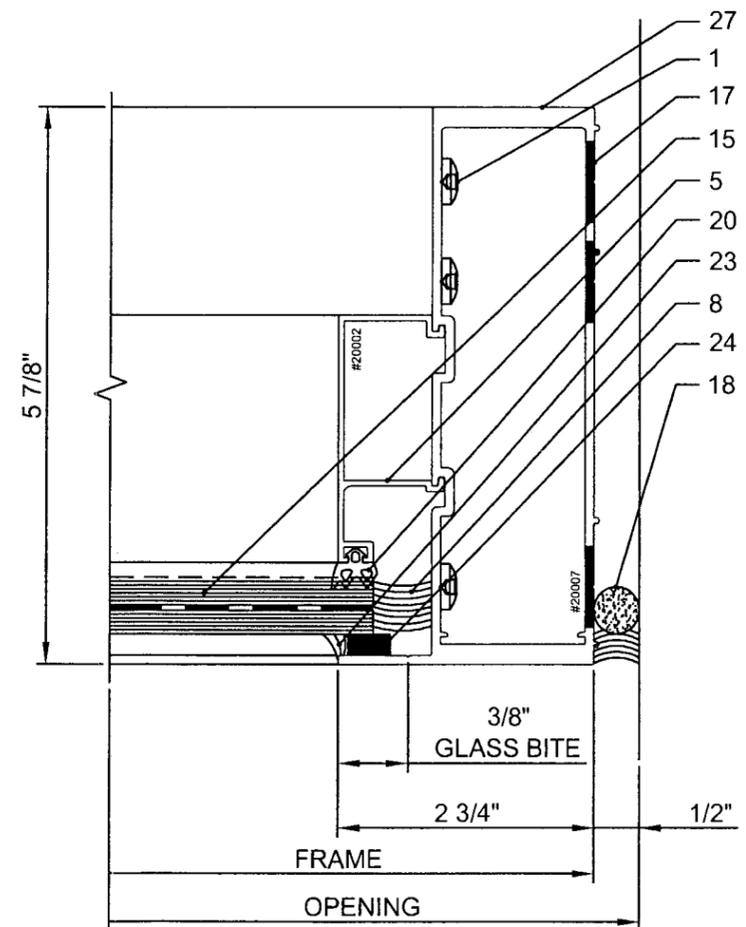
STRUCTURAL DESIGN INC.
 CONSULTING STRUCTURAL ENGINEERS
 9595 N. KENDALL DR. SUITE NO. 209
 MIAMI, FLORIDA 33176 CERTIFICATE #: 8803
[Signature]
 8/5/10
 TEL: (305) 595-8965 FARROKH RASEKHI, P.E.
 FAX: (305) 595-8966 FL. REG. #38001



TITLE:
 SERIES WW20
 WINDOW WALL
 DETAILS #110 & 111
 SMALL IMPACT

SCALE: 6" = 1'-0"	DRAWN BY: D. LABBÉ	
DATE: 2009-04-15	DWG NO. T-001	PAGE 07

REVISIONS:	BY:
R1 07/28/2010	O.S.



detail 112

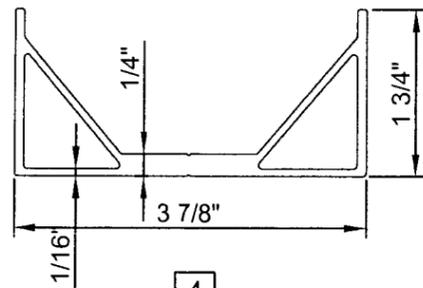
Approved as complying with the
 Florida Building Code
 Date 09/01/2010
 NOA# 09-1209-08
 Miami Data Product Control
 Division
 By *[Signature]*

STRUCTURAL **D**ESIGN **I**NC.
 CONSULTING STRUCTURAL ENGINEERS
 9595 N. KENDALL DR. SUITE NO. 209
 MIAMI, FLORIDA 33176 CERTIFICATE # 8803
[Signature]
 8/5/10
 TEL: (305) 595-8965 FARROKH RASEKHI, P.E.
 FAX: (305) 595-8966 FL REG. #38001

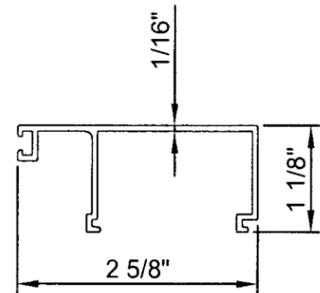


TITLE:
 SERIES WW20
 WINDOW WALL
 DETAIL #112
 SMALL IMPACT

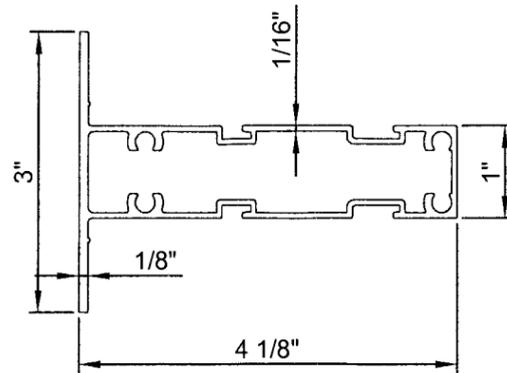
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DATE: 2009-04-15	DWG NO. T-001	PAGE 08



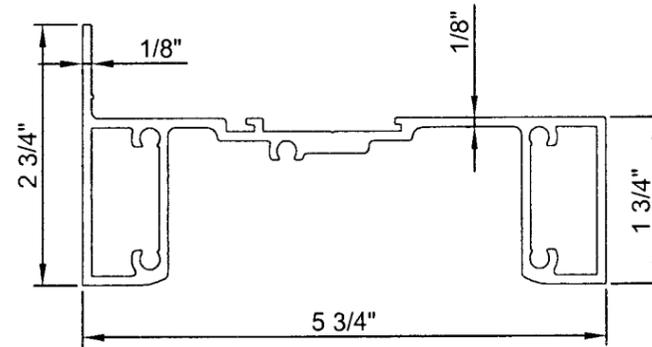
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20 001
ALUMINUM ANCHOR



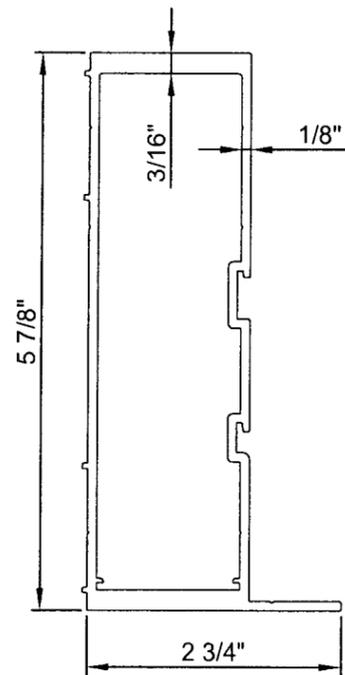
5
20 002
ALUMINUM SNAP-ON CAP



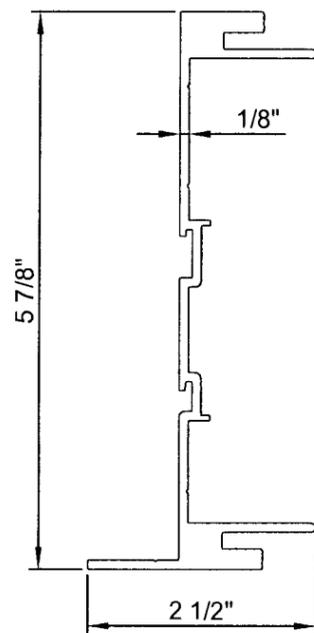
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20 003
ALUMINUM HORIZONTAL MULLION



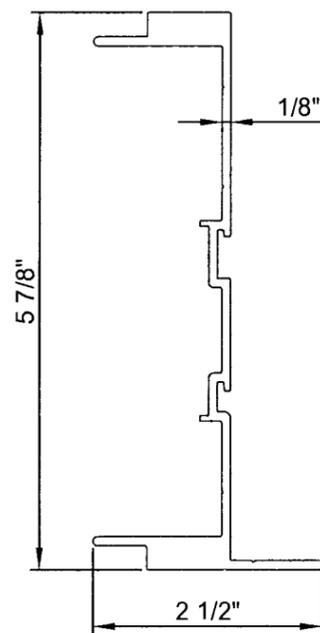
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20 004
ALUMINUM FRAME HEAD / SILL



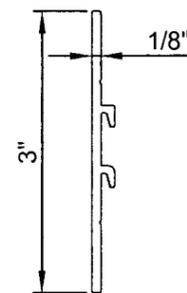
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20 007
ALUMINUM JAMB



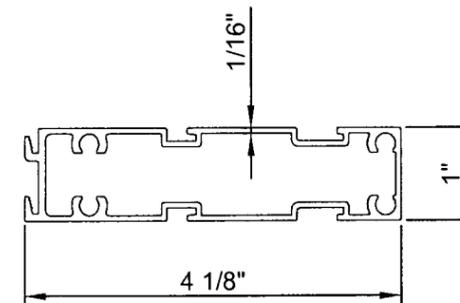
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20 008
ALUMINUM SPLIT MULLION
(FEMALE)



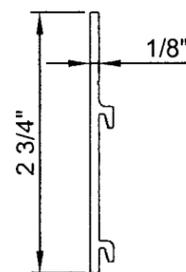
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20 009
ALUMINUM SPLIT MULLION
(MALE)



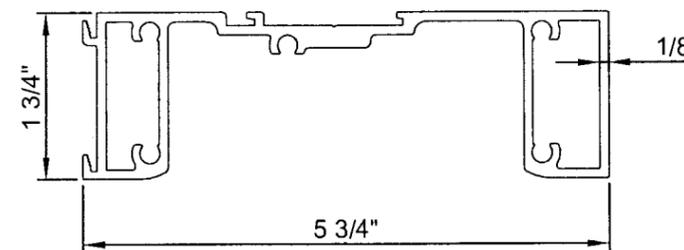
10
20 010
ALUMINUM HORIZONTAL
MULLION SPANDREL CAP



11
20 011
ALUMINUM HORIZONTAL
MULLION (SPANDREL)



12
20 015
ALUMINUM FRAME
SPANDREL CAP



13
20 016
ALUMINUM FRAME HEAD / SILL
(SPANDREL)

REVISIONS:	BY:
R1 07/28/2010	O.S.

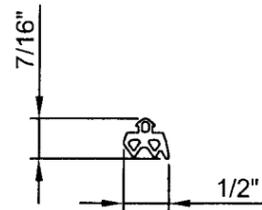
Approved as complying with the
Florida Building Code
Date 09/01/2010
NOA# 09-1209-08
Miami Dade Product Control
Division
By *[Signature]*

STRUCTURAL DESIGN INC.
CONSULTING STRUCTURAL ENGINEERS
9595 N. KENDALL DR. SUITE NO. 209
MIAMI, FLORIDA 33176 CERTIFICATE # 8803
[Signature]
8/5/10
TEL: (305) 595-8965 FARROKH RASEKHI, P.E.
FAX: (305) 555-8966 FL. REG. #38001

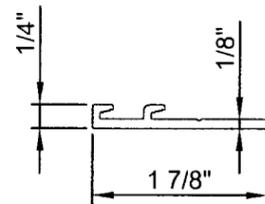


TITLE:
**SERIES WW20
WINDOW WALL
LIST OF EXTRUSIONS
(PART 1)**

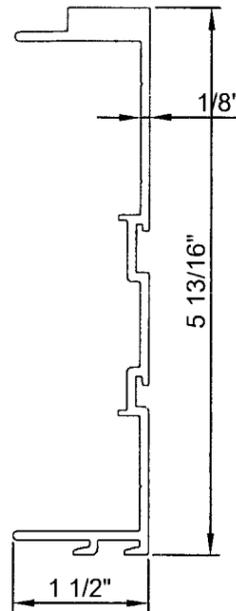
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DATE: 2009-04-15	DWG NO. T-001	PAGE 09



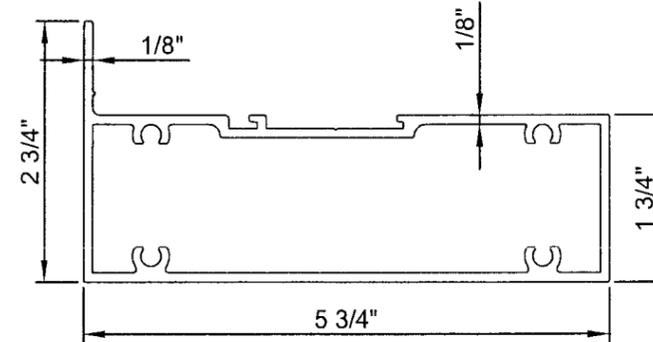
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90 500
EPDM GASKET



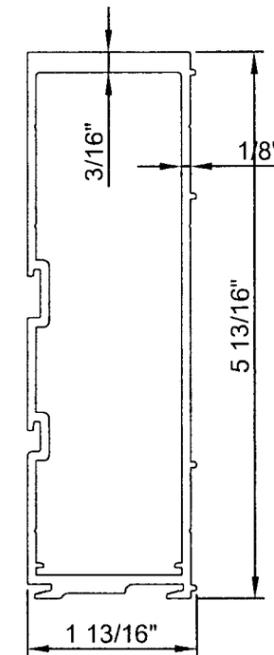
35
20 013
ALUMINUM SPLIT MULLION
SPANDREL CAP



34
20 014
ALUMINUM SPLIT MULLION
(SPANDREL)



14
20 017
ALUMINUM FRAME HEAD / SILL
(OPTIONAL)



36
20 012
ALUMINUM FRAME JAMB
(SPANDREL)

REVISIONS:	BY :
R1 07/28/2010	O.S.

Approved as complying with the
Florida Building Code
Date 09/01/2010
NOA# 09-1209-08
Miami Dade Product Control
Division
By [Signature]

STRUCTURAL DESIGN INC.
CONSULTING STRUCTURAL ENGINEERS
9595 N. KENDALL DR. SUITE NO. 209
MIAMI, FLORIDA 33176 CERTIFICATE # 8803

[Signature]
8/5/10

TEL: (305) 595-8965 FARROKH RASEKHI, P.E.
FAX: (305) 595-8966 FL. REG. #38001

EPSYLON
ALUMINIUM & INGÉNIERIE

TITLE:

SERIES WW20
WINDOW WALL
LIST OF EXTRUSIONS
(PART 2)

SCALE: 6" = 1'-0"	DRAWN BY: D. LABBÉ	
DATE: 2009-04-15	DWG NO. T-001	PAGE 10

REVISIONS:	BY:
R1 07/28/2010	O.S.

ITEM	PART #	DESCRIPTION
1	---	#14 HH SS ASSEMBLY SCREW - 1 1/2" LONG
2	---	Ø3/8" WEDGE BOLT MFR. BY POWERS, 2 1/2" min. EMBD., 3" EDGE DIST.
3	---	#8 RH SS SCREW - 1 1/2" LONG
4	20 001	ALUMINUM ANCHOR
5	20 002	ALUMINUM SNAP-ON CAP
6	20 003	ALUMINUM HORIZONTAL MULLION
7	20 004	ALUMINUM FRAME SILL / HEAD
8	---	SEALANT SPECTREM 2 or SILPRUF SCS 2000 - 6" LONG AT EACH GLASS CORNERS
9	---	Ø3/8"-16 x 2 3/8" S.M.S.
10	20 010	ALUMINUM HORIZONTAL MULLION SPANDREL CAP- GLUED WITH SEALANT
11	20 011	ALUMINUM HORIZONTAL MULLION (SPANDREL)
12	20 015	ALUMINUM FRAME SPANDREL CAP- GLUED WITH SEALANT
13	20 016	ALUMINUM FRAME HEAD / SILL (SPANDREL)
14	20 017	ALUMINUM FRAME HEAD / SILL (OPTIONAL)
15	---	3/16" CLEAR TEMPERED GLASS 0.060" PVB - SAFLEX III G MANUFACTURE BY SOLUTIA INC. 3/16" CLEAR TEMPERED GLASS
16	---	ACCESS HOLE Ø1"
17	---	ACCESS HOLE Ø7/8"
18	---	BACKER ROD & SELANT
19	---	ALUMINUM SEAMS SEALED
20	91 500	EPDM GASKET - TREMCO - DURO 70
21	---	NEOPRENE SITTING BLOCK
22	---	POLYSHIM 1/8" THICK
23	---	SEALANT
24	---	POLYSHIM 1/4" THICK
25	20 008	ALUMINUM SPLIT MULLION (FEMALE)
26	20 009	ALUMINUM SPLIT MULLION (MALE)
27	20 007	ALUMINUM FRAME JAMB
28	---	PVC SHIM
29	---	#14 FH SCREW - 3" LONG S.D.S.
30	---	STRUCTURAL SILICONE SSG 4700 (G.E) OR PROGLASE II (TREMCO)
31	---	NORTON TAPE 1/8" x 1/4"
32	---	NORTON TAPE 1/4" x 1/4"
33	---	1/4" CLEAR HEAT STRENGTHENED GLASS 0.090" SENTRY GLASS INTERLAYER BY DUPONT 1/4" CLEAR HEAT STRENGTHENED GLASS
34	20 014	ALUMINUM SPLIT MULLION (SPANDREL)
35	20 013	ALUMINUM SPLIT MULLION SPANDREL CAP- GLUED WITH SPECTREM 2 or SILPRUF SCS 2000
36	20 012	ALUMINUM FRAME JAMB (SPANDREL)
37	---	Ø1/4" FH TAPCON SCREW 1" MIN. EMBD., 3 1/8" LONG

Approved as complying with the
Florida Building Code
Date 09/01/2010
NOA# 09-1209-08
Miami Dade Product Control
Division
By [Signature]

STRUCTURAL DESIGN INC.
CONSULTING STRUCTURAL ENGINEERS
9595 N. KENDALL DR. SUITE NO. 209
MIAMI, FLORIDA 33176 CERTIFICATE #: 8803

[Signature]
8/5/10

TEL: (305) 595-8965 / FARUKH RASEKHI, P.E.
FAX: (305) 595-8966 FL. REG. #38001



TITLE:

SERIES WW20
WINDOW WALL
BILL OF MATERIAL

SCALE: NONE	DRAWN BY: D. LABBÉ	
DATE: 2009-04-15	DWG NO. T-001	PAGE 11