



MIAMI-DADE COUNTY
BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
 (305) 375-2901 FAX (305) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.maimidade.gov/buildingcode

Arch Aluminum & Glass Company, Inc.
10200 NW 67th Street
Tamarac, FL 33321

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 "3200 Thermal" Aluminum Window Wall System – L.M.I.

APPROVAL DOCUMENT: Drawing No. 3200T, titled "Arch Aluminum and Glass Series 3200 Thermal Window Wall", sheets 1 through 8 of 8, dated 7/3/08, prepared by Bromley-Cook Engineering, Inc., signed and sealed by William D. Cook, 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: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state 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 page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Manuel Perez, P.E.**

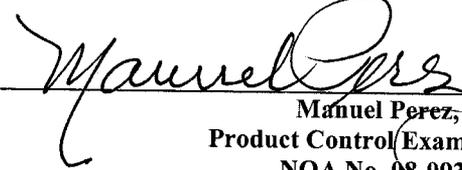


NOA No. 08-0926.16
Expiration Date: January 28, 2014
Approval Date: January 28, 2009
 Page 1

Arch Aluminum & Glass Company, Inc.

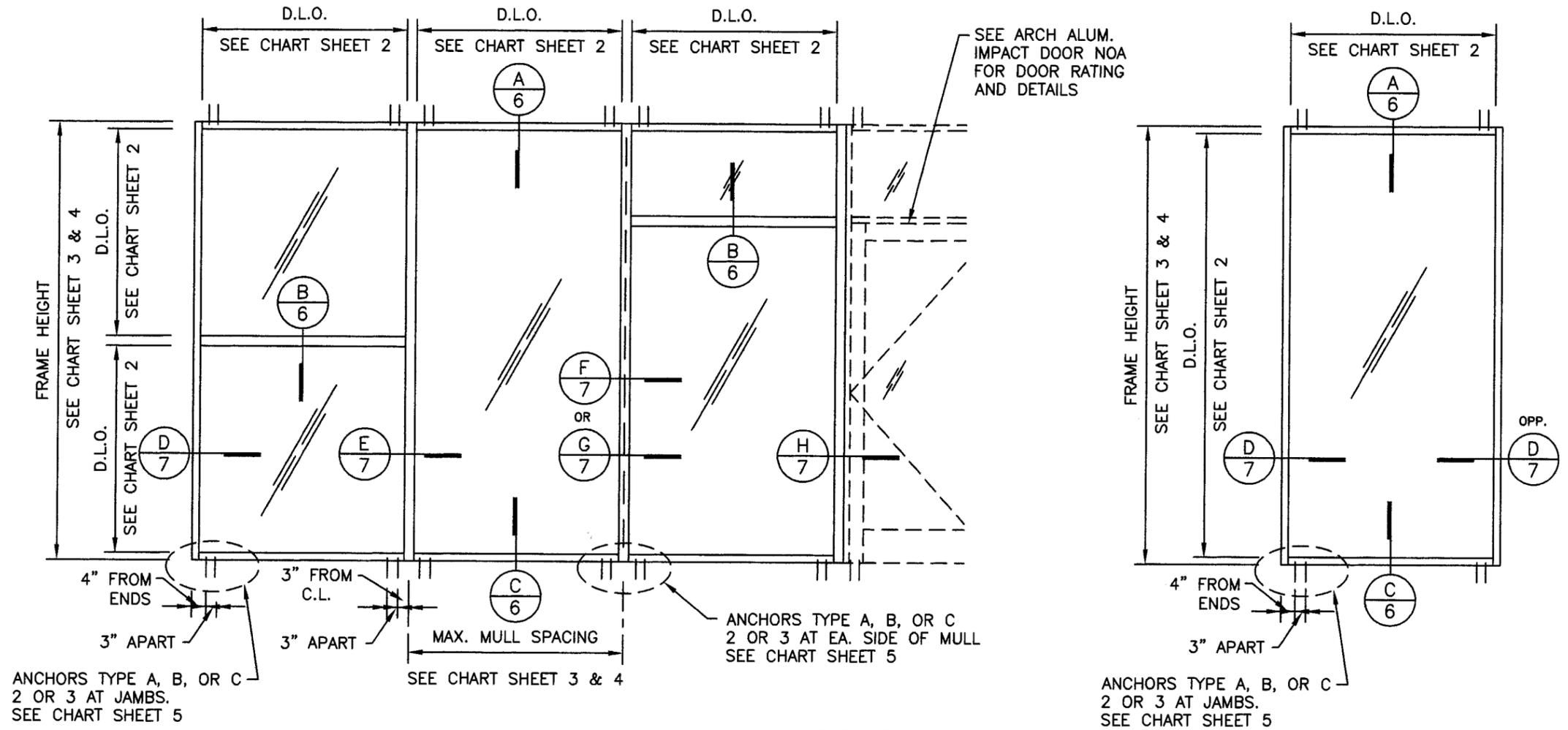
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- A. DRAWINGS**
1. Manufacturer's die drawings and sections.
 2. Drawing No **3200T**, Sheets 1 through 8 of 8, titled "Arch Aluminum and Glass Series 3200 Thermal Window Wall", dated 7/3/08, prepared by Bromley Cook Engineering, Inc., signed and sealed by William D. Cook, 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 thermal aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5386**, dated 12/27/07, and revised on 11/18/08, signed and sealed by Michael Wenzel, P.E.
- C. CALCULATIONS**
1. Anchor verification calculations and structural analysis, complying with FBC-2004, prepared by Bromley-Cook Engineering, Inc., dated 07/3/08, signed and sealed by William D. Cook, P.E. **Complies with ASTM E1300-02**
- D. QUALITY ASSURANCE**
1. Miami Dade Building Code Compliance Office (BCCO).
- E. MATERIAL CERTIFICATIONS**
1. Notice of Acceptance No. **07-1116.04** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont SentryGlas® Plus**" dated 01/03/08, expiring on 01/14/12.
 2. 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.
 3. Notice of Acceptance No. **08-0206.01** issued to Solutia Inc. for their "**Saflex HP Glass Interlayer**" dated 04/17/08, expiring on 04/14/13.
- F. STATEMENTS**
1. Statement letter of conformance, dated June 23, 2008, signed and sealed by William D. Cook, P.E.
 2. Statement letter of no financial interest, dated June 23, 2008, signed and sealed by William D. Cook, P.E.
- G. OTHER**
1. None.


Manuel Perez, P.E.
Product Control Examiner
NOA No. ~~08-0926.16~~

Expiration Date: January 28, 2014
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ARCH ALUMINUM SERIES 3200 THERMAL WINDOW WALL



TYPICAL ELEVATIONS

SERIES 3200 THERMAL SYSTEM

THIS SYSTEM IS RATED FOR LARGE MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

CODE REQUIREMENTS FOR SAFEGUARDS MUST BE OBSERVED.

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

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

ANCHORS SHALL BE AS LISTED AND SHOWN ON THE DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A 33% INCREASE IN ALLOWABLE STRESS IS NOT USED IN THE DESIGN OF THIS SYSTEM.

ALL STEEL IN CONTACT WITH ALUMINUM TO BE PAINTED OR PLATED.

INSTRUCTIONS:

USE CHARTS AS FOLLOWS.

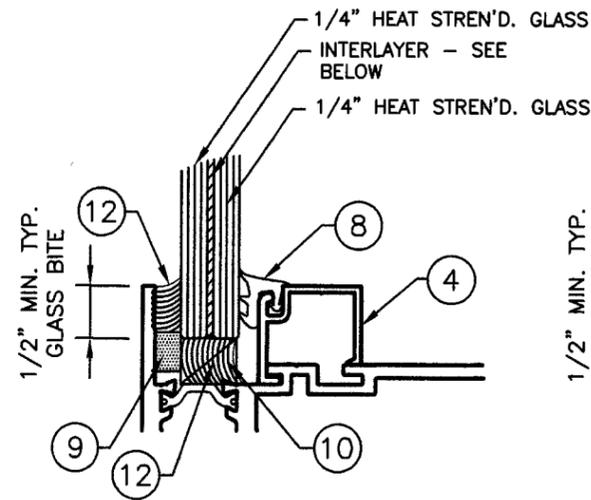
- STEP 1: DETERMINE DESIGN WIND LOAD REQUIREMENTS BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7 STANDARD.
- STEP 2: SEE CHARTS ON SHEET 2 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE BASED ON APPLICABLE WIND DURATION.
- STEP 3: CHECK MULLION AND JAMB CAPACITY FOR GIVEN SPACING AND HEIGHT USING CHARTS ON SHEET 3 & 4. THE CAPACITY SHOULD EXCEED THE DESIGN LOAD.
- STEP 4: USING CHART ON SHEET 5, SELECT ANCHOR OPTION WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.
- STEP 5: THE LOWEST VALUE RESULTING FROM STEPS 2, 3 AND 4 SHALL APPLY TO ENTIRE SYSTEM.

<p>BROMLEY COOK ENGINEERING, INC. STRUCTURAL ENGINEERING SERVICES 5440 N.W. 33RD AVENUE SUITE 100 FORT LAUDERDALE, FLORIDA 33309 TEL: (954) 772-4624 FAX: (954) 772-4634</p>			
<p>WILLIAM D. COOK P.E. FLA F.E. #43904 DEC 16 2009</p>			
<p>SYSTEM</p> <p>ARCH ALUMINUM AND GLASS SERIES 3200 THERMAL WINDOW WALL</p>	<p>MANUFACTURER</p> <p>ARCH ALUMINUM AND GLASS LLC 10200 N.W. 67th STREET TAMARAC, FLORIDA 33321 TEL. (800) 432-8132 FAX. (954) 724-9293</p>		
<p>DATE: 7/3/08</p>	<p>SCALE:</p>	<p>DRAWN: DGI</p>	<p>CHECKED BY:</p>
<p>DRAWING # 3200T</p>		<p>SHEET NO. 1 OF 8</p>	
<p>MIAMI-DADE COUNTY USE ONLY</p>			
<p>Approved as complying with the Florida Building Code Date: JAN. 28, 2009 NO. 08-0926-16 Miami-Dade County By: <i>James Perry</i></p>			

DESIGN LOAD CAPACITY - PSF				
NOMINAL DIMS.		GLASS TYPE "A1"	GLASS TYPE "A2"	GLASS TYPE "A3"
D.L.O. WIDTH	D.L.O. HEIGHT	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
12"	68"	65.0	40.0	40.0
24"		65.0	40.0	40.0
36"		65.0	40.0	40.0
48"		65.0	40.0	40.0
57"		65.0	40.0	40.0
60"		-	38.0	38.0
63"		-	36.3	36.3
72"		-	31.8	31.8
12"	80"	65.0	40.0	40.0
24"		65.0	40.0	40.0
36"		65.0	40.0	40.0
48"		65.0	40.0	40.0
57"		-	40.0	40.0
60"		-	38.0	38.0
63"		-	36.3	36.3
72"		-	31.8	31.8
12"	92"	65.0	40.0	40.0
24"		65.0	40.0	40.0
36"		65.0	40.0	40.0
48"		-	40.0	40.0
57"		-	40.0	40.0
60"		-	38.0	38.0
63"		-	36.3	36.3
72"		-	31.8	31.8
12"	104"	65.0	40.0	40.0
24"		65.0	40.0	40.0
36"		65.0	40.0	40.0
48"		-	40.0	40.0
57"		-	40.0	40.0
60"		-	38.0	38.0
63"		-	36.3	36.3
72"		-	-	-
12"	116"	65.0	40.0	40.0
24"		65.0	40.0	40.0
36"		-	40.0	40.0
48"		-	40.0	40.0
57"		-	40.0	40.0

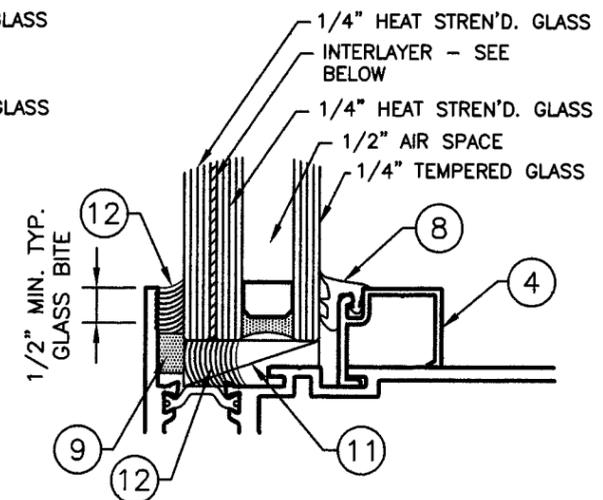
DESIGN LOAD CAPACITY - PSF				
NOMINAL DIMS.		GLASS TYPE "B1"	GLASS TYPE "B2"	
D.L.O. WIDTH	D.L.O. HEIGHT	EXT. (+) INT. (-)	EXT. (+) INT. (-)	
12"	80"	60.0	60.0	
24"		60.0	60.0	
36"		60.0	60.0	
48"		60.0	60.0	
57"		60.0	60.0	
60"		57.2	57.2	
63"		54.5	54.5	
72"		47.7	47.7	
12"	92"	60.0	60.0	
24"		60.0	60.0	
36"		60.0	60.0	
48"		60.0	60.0	
57"		60.0	60.0	
60"		57.2	57.2	
63"		54.5	54.5	
72"		47.7	47.7	
12"	104"	60.0	60.0	
24"		60.0	60.0	
36"		60.0	60.0	
48"		60.0	60.0	
57"		60.0	60.0	
60"		57.2	57.2	
63"		54.5	54.5	
72"		-	-	
12"	116"	60.0	60.0	
24"		60.0	60.0	
36"		60.0	60.0	
48"		60.0	60.0	
57"		60.0	60.0	

NOTE:
GLASS CHECKED PER ASTM
E1300-02 AND TESTING



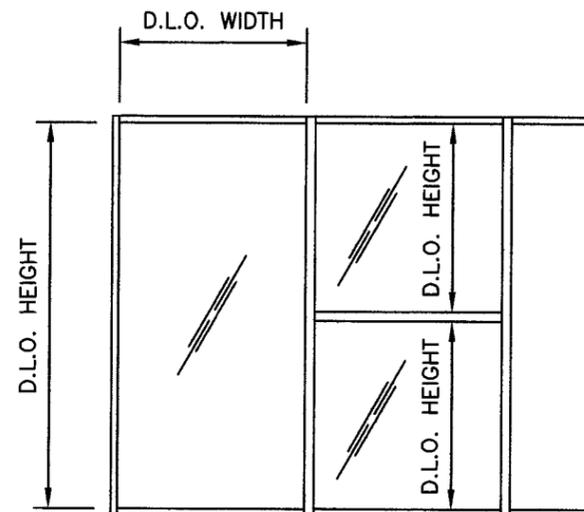
GLASS TYPE "A"

- "A1" - .090" PVB INTERLAYER SAFLEX 111G BY SOLUTIA
- "A2" - .100" PVB INTERLAYER SAFLEX HP BY SOLUTIA
- "A3" - .090" SENTRYGLAS PLUS INTERLAYER BY DUPONT



GLASS TYPE "B"

- "B1" - .100" PVB INTERLAYER SAFLEX HP BY SOLUTIA
- "B2" - .090" SENTRYGLAS PLUS INTERLAYER BY DUPONT



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WILLIAM D. COOK P.E.
FLA P.E. #43904

DEC 16 2008

SYSTEM
ARCH ALUMINUM AND GLASS SERIES
3200 THERMAL WINDOW WALL

MANUFACTURER
ARCH ALUMINUM AND GLASS LLC
10200 N.W. 67th STREET
TAMARAC, FLORIDA 33321
TEL. (800) 432-8132 FAX. (954) 724-9293

DATE: 7/3/08
SCALE:
DRAWN: DGI
CHECKED BY:
DRAWING # 3200T
SHEET NO. 2 OF 8

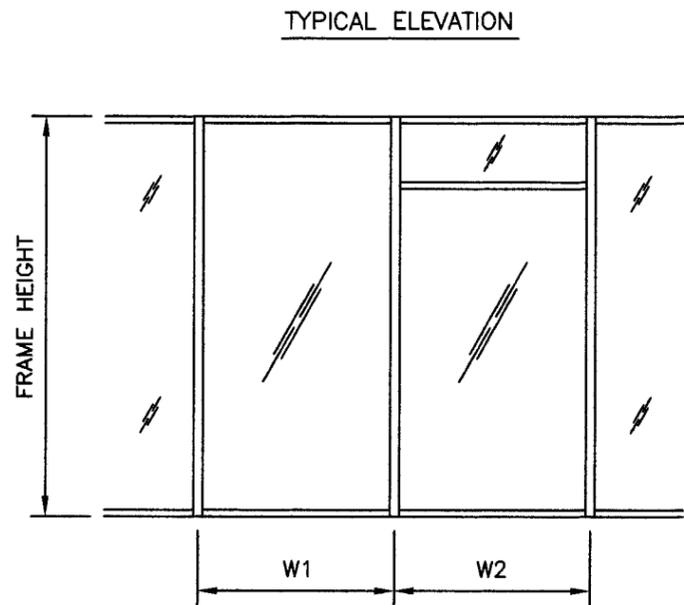
MIAMI-DADE COUNTY USE ONLY

Approved as complying with the
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Date: JAN 28 2009
NOA# 08-0926-16
Miami Dade Product Control

By: *Manuel Perez*

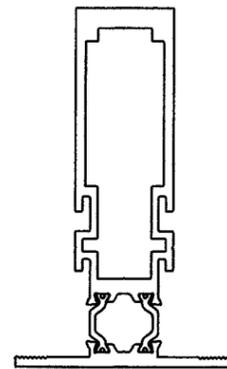
MULLION LOAD CAPACITY - PSF AGA-1093 MULLION				
NOMINAL DIMS.		CASE 1	CASE 2	CASE 3
WIDTH (W)	FRAME HEIGHT	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
12"	84"	65.0	65.0	65.0
18"		65.0	65.0	65.0
24"		65.0	65.0	65.0
30"		65.0	65.0	65.0
36"		65.0	65.0	65.0
42"		65.0	65.0	65.0
48"		65.0	65.0	65.0
54"		65.0	65.0	65.0
60"		65.0	65.0	65.0
66"		65.0	65.0	65.0
72"	65.0	65.0	65.0	
12"	96"	65.0	65.0	65.0
18"		65.0	65.0	65.0
24"		65.0	65.0	65.0
30"		65.0	65.0	65.0
36"		65.0	65.0	65.0
42"		65.0	65.0	65.0
48"		65.0	65.0	65.0
54"		60.0	65.0	65.0
60"		54.0	65.0	65.0
66"		49.0	62.0	65.0
72"	45.0	57.0	65.0	

MULLION LOAD CAPACITY - PSF AGA-1093 MULLION				
NOMINAL DIMS.		CASE 1	CASE 2	CASE 3
WIDTH (W)	FRAME HEIGHT	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
12"	108"	65.0	65.0	65.0
18"		65.0	65.0	65.0
24"		65.0	65.0	65.0
30"		65.0	65.0	65.0
36"		63.0	65.0	65.0
42"		54.0	65.0	65.0
48"		48.0	60.0	65.0
54"		42.0	53.0	65.0
60"		38.0	48.0	65.0
66"		35.0	43.0	65.0
72"	-	-	65.0	
12"	120"	65.0	65.0	65.0
18"		65.0	65.0	65.0
24"		65.0	65.0	65.0
30"		56.0	65.0	65.0
36"		47.0	58.0	65.0
42"		40.0	50.0	65.0
48"		35.0	43.0	65.0
54"		31.0	39.0	58.0
60"		28.0	35.0	52.0



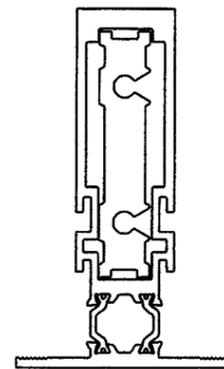
$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$

CASE 1



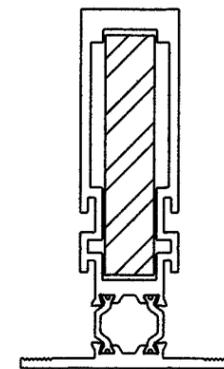
AGA-1093 W/O REINFORCING

CASE 2



AGA-1093 W/ AGA-1097 REINFORCING

CASE 3



AGA-1093 W/ 5/8" x 3" STEEL REINFORCING

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WILLIAM D. COOK P.E.
 FLA. P.E. #43904
 DEC 16 2008

SYSTEM
 ARCH ALUMINUM AND GLASS SERIES
 3200 THERMAL WINDOW WALL

MANUFACTURER
 ARCH ALUMINUM AND GLASS LLC
 10200 N.W. 67th STREET
 TAMARAC, FLORIDA 33321
 TEL. (800) 432-8132 FAX. (954) 724-9293

DATE: 7/3/08
 SCALE:
 DRAWN: DGI
 CHECKED BY:
 DRAWING # 3200T
 SHEET NO. 3 OF 8

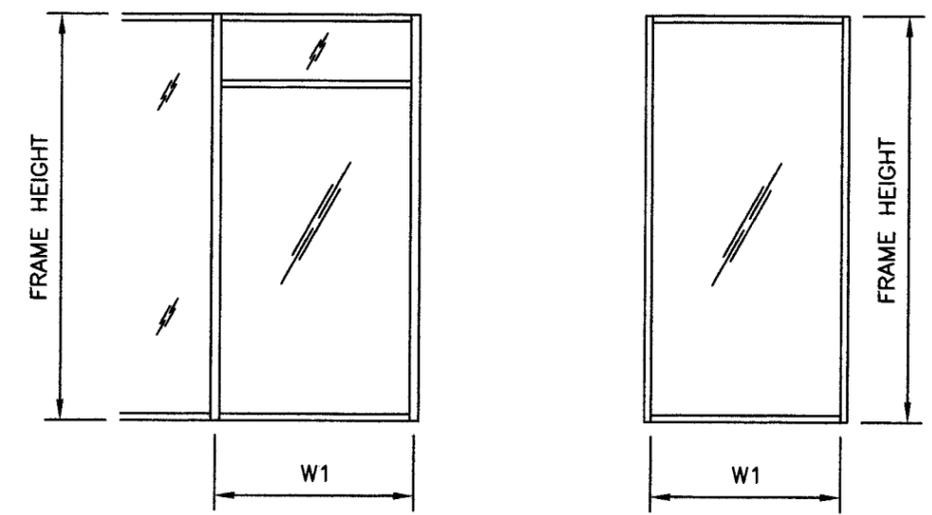
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 Miami-Dade County
 Division
 By: *Manuel Perez*

JAMB LOAD CAPACITY -- PSF AGA-1096 JAMB				
NOMINAL DIMS.		CASE 4	CASE 5	CASE 6
WIDTH (W)	FRAME HEIGHT	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
12"	84"	65.0	65.0	65.0
18"		65.0	65.0	65.0
24"		65.0	65.0	65.0
30"		65.0	65.0	65.0
36"		65.0	65.0	65.0
42"		65.0	65.0	65.0
48"		65.0	65.0	65.0
54"		65.0	65.0	65.0
60"		65.0	65.0	65.0
66"		65.0	65.0	65.0
72"	65.0	65.0	65.0	
12"	96"	65.0	65.0	65.0
18"		65.0	65.0	65.0
24"		65.0	65.0	65.0
30"		65.0	65.0	65.0
36"		65.0	65.0	65.0
42"		65.0	65.0	65.0
48"		65.0	65.0	65.0
54"		65.0	65.0	65.0
60"		65.0	65.0	65.0
66"		65.0	65.0	65.0
72"	65.0	65.0	65.0	

JAMB LOAD CAPACITY -- PSF AGA-1096 JAMB				
NOMINAL DIMS.		CASE 4	CASE 5	CASE 6
WIDTH (W)	FRAME HEIGHT	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
12"	108"	65.0	65.0	65.0
18"		65.0	65.0	65.0
24"		65.0	65.0	65.0
30"		65.0	65.0	65.0
36"		65.0	65.0	65.0
42"		65.0	65.0	65.0
48"		65.0	65.0	65.0
54"		65.0	65.0	65.0
60"		65.0	65.0	65.0
66"		65.0	65.0	65.0
72"	-	-	-	
12"	120"	65.0	65.0	65.0
18"		65.0	65.0	65.0
24"		65.0	65.0	65.0
30"		65.0	65.0	65.0
36"		65.0	65.0	65.0
42"		65.0	65.0	65.0
48"		65.0	65.0	65.0
54"		58.0	65.0	65.0
60"		52.0	65.0	65.0

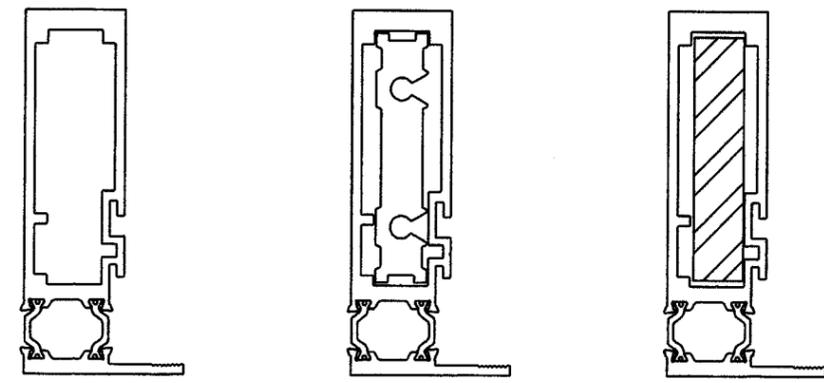
TYPICAL ELEVATION



WIDTH (W) = W1 (JAMB)

WIDTH (W) = W1 (JAMB)

CASE 4 CASE 5 CASE 6



AGA-1096 W/O REINFORCING AGA-1096 W/ AGA-1097 REINFORCING AGA-1096 W/ 5/8" x 3" STEEL REINFORCING

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 SHEET NO. 4 OF 8

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 Division
 By: *Manuel Perez*

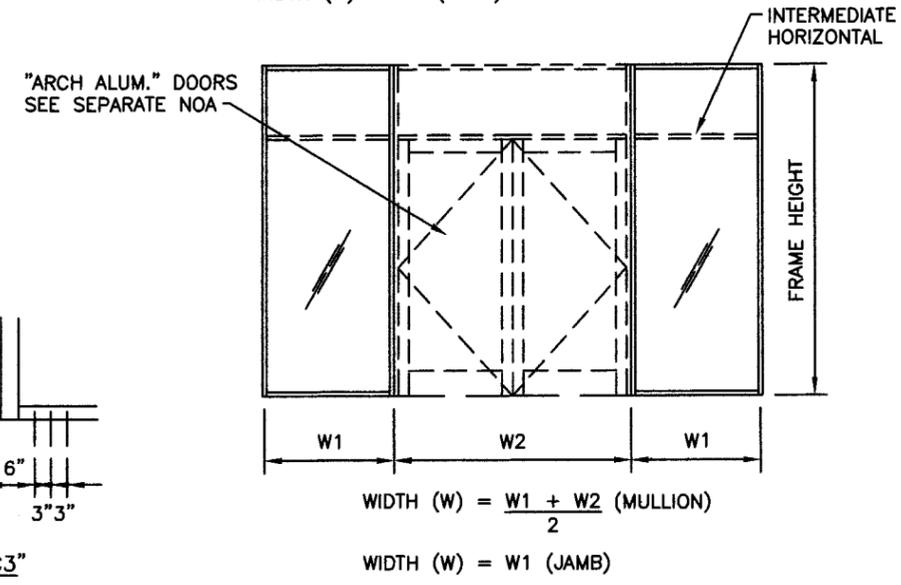
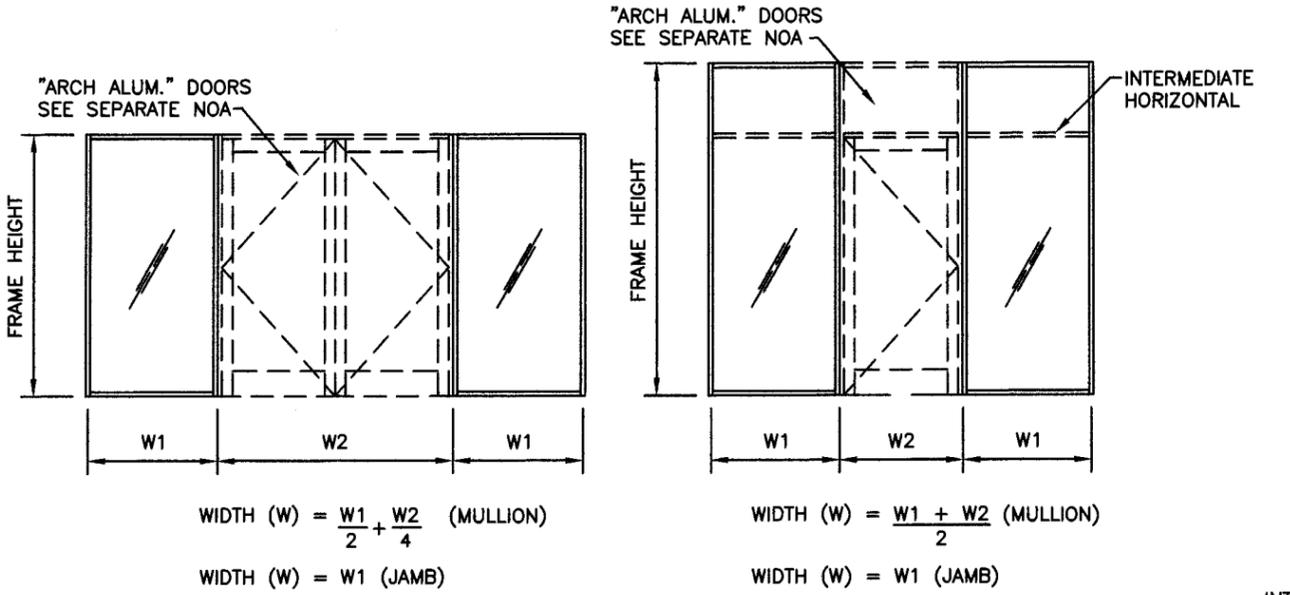
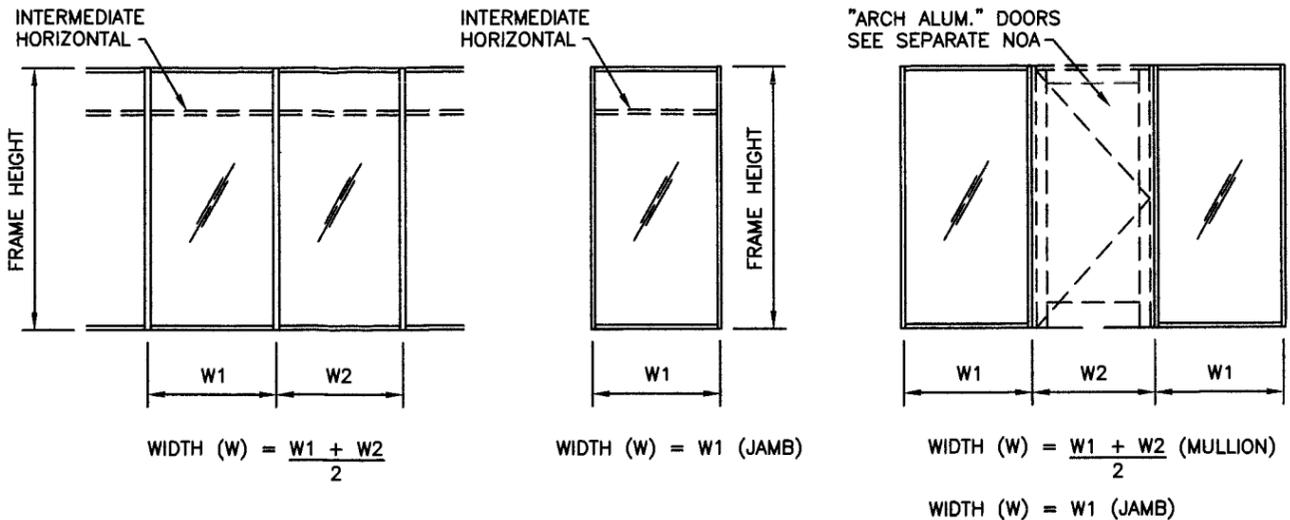
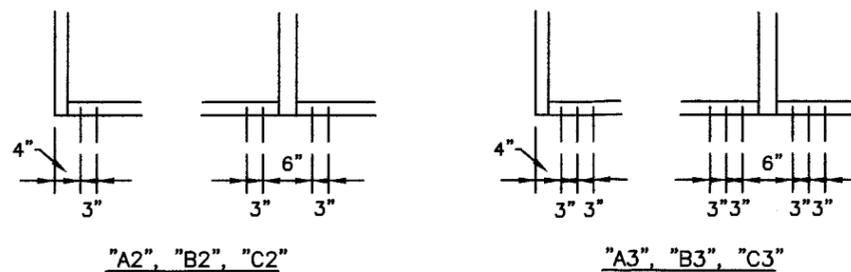
ANCHOR LOAD CAPACITY - PSF				
NOMINAL DIMS.		ANCHOR TYPE		
WIDTH (W)	FRAME HEIGHT	"A2" EXT. (+) INT. (-)	"B2" EXT. (+) INT. (-)	"C2" EXT. (+) INT. (-)
12"	72"	65.0	65.0	65.0
24"		65.0	65.0	65.0
36"		65.0	65.0	65.0
48"		65.0	65.0	65.0
60"		65.0	65.0	65.0
66"		65.0	65.0	65.0
72"		65.0	65.0	65.0
12"	84"	65.0	65.0	65.0
24"		65.0	65.0	65.0
36"		65.0	65.0	65.0
48"		65.0	65.0	65.0
60"		65.0	65.0	65.0
66"		65.0	65.0	65.0
72"		65.0	65.0	65.0
12"	96"	65.0	65.0	65.0
24"		65.0	65.0	65.0
36"		65.0	65.0	65.0
48"		65.0	65.0	65.0
60"		65.0	65.0	65.0
66"		65.0	65.0	65.0
72"		60.0	65.0	57.0
12"	108"	65.0	65.0	65.0
24"		65.0	65.0	65.0
36"		65.0	65.0	65.0
48"		65.0	65.0	65.0
60"		63.0	65.0	61.0
66"		58.0	65.0	55.0
72"		65.0	65.0	65.0
12"	120"	65.0	65.0	65.0
24"		65.0	65.0	65.0
36"		65.0	65.0	65.0
48"		65.0	65.0	65.0
60"		65.0	65.0	55.0
66"		65.0	65.0	65.0
72"		65.0	65.0	65.0

ANCHOR LOAD CAPACITY - PSF				
NOMINAL DIMS.		ANCHOR TYPE		
WIDTH (W)	FRAME HEIGHT	"A3" EXT. (+) INT. (-)	"B3" EXT. (+) INT. (-)	"C3" EXT. (+) INT. (-)
12"	72"	65.0	65.0	65.0
24"		65.0	65.0	65.0
36"		65.0	65.0	65.0
48"		65.0	65.0	65.0
60"		65.0	65.0	65.0
66"		65.0	65.0	65.0
72"		65.0	65.0	65.0
12"	84"	65.0	65.0	65.0
24"		65.0	65.0	65.0
36"		65.0	65.0	65.0
48"		65.0	65.0	65.0
60"		65.0	65.0	65.0
66"		65.0	65.0	65.0
72"		65.0	65.0	65.0
12"	96"	65.0	65.0	65.0
24"		65.0	65.0	65.0
36"		65.0	65.0	65.0
48"		65.0	65.0	65.0
60"		65.0	65.0	65.0
66"		65.0	65.0	65.0
72"		65.0	65.0	65.0
12"	108"	65.0	65.0	65.0
24"		65.0	65.0	65.0
36"		65.0	65.0	65.0
48"		65.0	65.0	65.0
60"		65.0	65.0	65.0
66"		65.0	65.0	65.0
72"		65.0	65.0	65.0
12"	120"	65.0	65.0	65.0
24"		65.0	65.0	65.0
36"		65.0	65.0	65.0
48"		65.0	65.0	65.0
60"		65.0	65.0	65.0
66"		65.0	65.0	65.0
72"		65.0	65.0	65.0

ANCHOR TYPES: SEE SHEET 6 FOR DESCRIPTION

- "A2" - (2) ANCHORS TYPE "A" AT EA. SIDE OF MULLION OR JAMB
- "B2" - (2) ANCHORS TYPE "B" AT EA. SIDE OF MULLION OR JAMB
- "C2" - (2) ANCHORS TYPE "C" AT EA. SIDE OF MULLION OR JAMB
- "A3" - (3) ANCHORS TYPE "A" AT EA. SIDE OF MULLION OR JAMB
- "B3" - (3) ANCHORS TYPE "B" AT EA. SIDE OF MULLION OR JAMB
- "C3" - (3) ANCHORS TYPE "C" AT EA. SIDE OF MULLION OR JAMB

ALL OTHER ANCHORS TO BE SPACED AS PER ELEVATION



BROMLEY COOK ENGINEERING, INC.
 STRUCTURAL ENGINEERING SERVICES
 5440 N.W. 33RD AVENUE SUITE 100
 FORT LAUDERDALE, FLORIDA 33309
 TEL: (954) 772-4624 FAX: (954) 772-4634

WILLIAM D. COOK P.E.
 FLA P.E. #43904
 DEC 16 2008

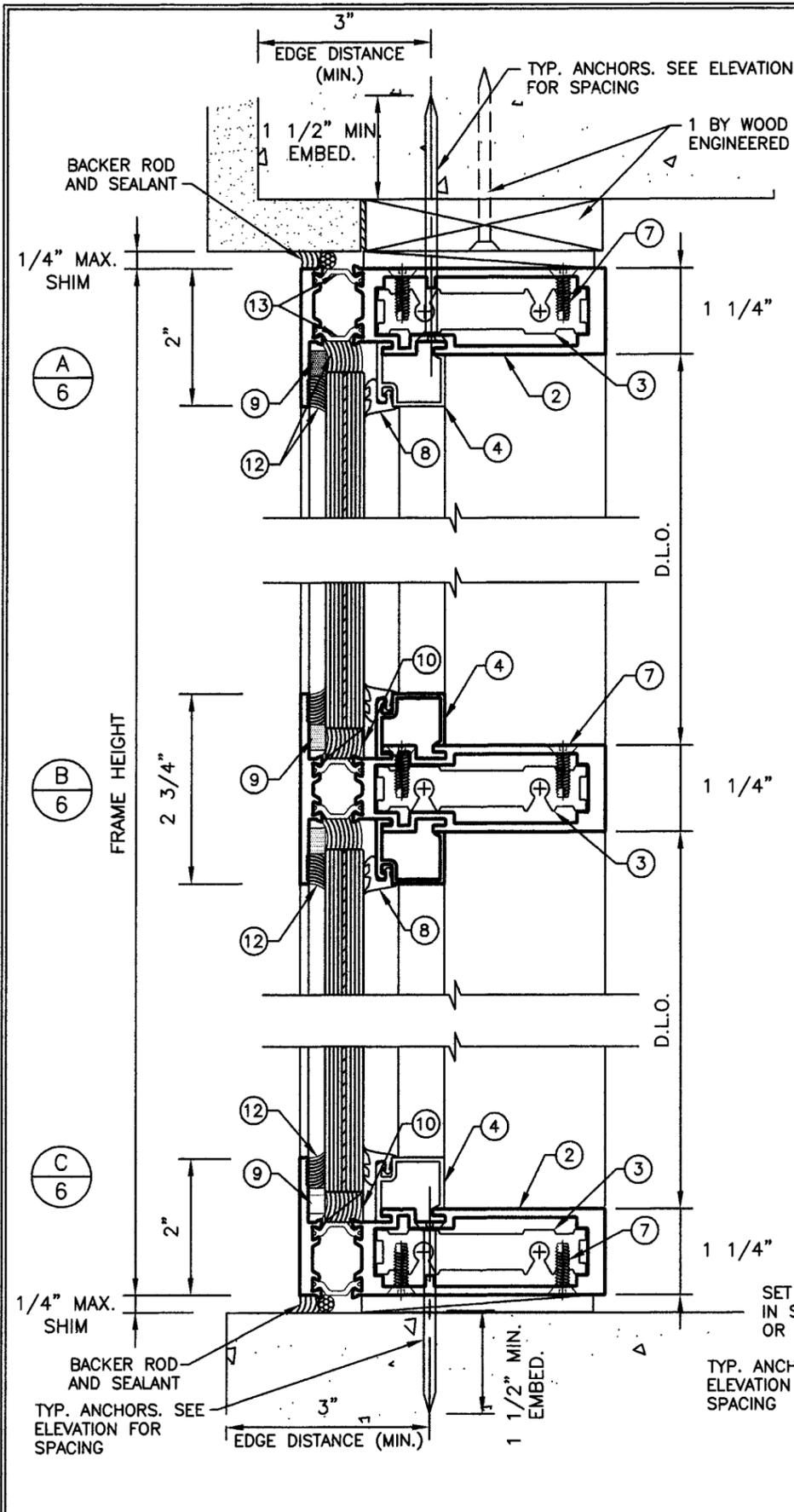
SYSTEM
 ARCH ALUMINUM AND GLASS SERIES
 3200 THERMAL WINDOW WALL

MANUFACTURER
 ARCH ALUMINUM AND GLASS LLC
 10200 N.W. 67th STREET
 TAMARAC, FLORIDA 33321
 TEL. (800) 432-8132 FAX. (954) 724-9293

DATE: 7/3/08
 SCALE:
 DRAWN: DGI
 CHECKED BY:
 DRAWING # 3200T
 SHEET NO. 5 OF 8

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Approval as complying with the Florida Building Code
 Date: JAN 28 2009
 08-0926.16
W. Daniel Perez



WOOD BUCKS NOT BY ARCH ALUMINUM MUST SUPPORT LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS:
SEE ELEVATIONS FOR SPACING

TYPE "A" - 1/4" TAPCONS

THRU 1BY WOOD OR 2BY WOOD BUCKS INTO 3000 PSI MIN. CONC. OR C-90 GROUT FILLED BLOCK. 1 1/2" MIN. EMBED. INTO CONC. OR MASONRY

DIRECTLY INTO 3000 PSI MIN. CONCRETE 1 1/2" MIN. EMBED. INTO CONC.

TYPE "B" - #14 SMS OR 1/4" SELF DRILLING SCREWS

INTO METAL STRUCTURES (STEEL OR ALUM. 1/8" MIN. THICK.)

STEEL: Fy - 36 KSI MIN.
ALUMINUM: 6063-T5 MIN.
(STEEL IN CONTACT WITH ALUM. TO BE PLATED OR PAINTED)

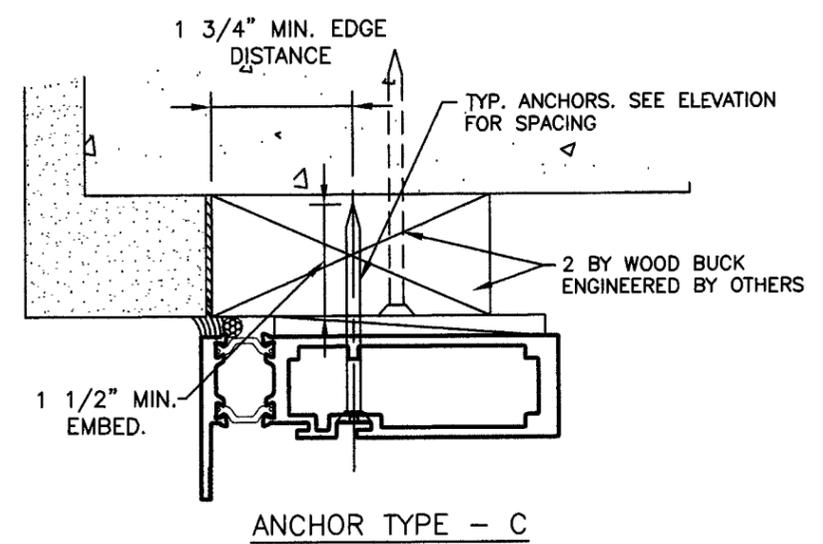
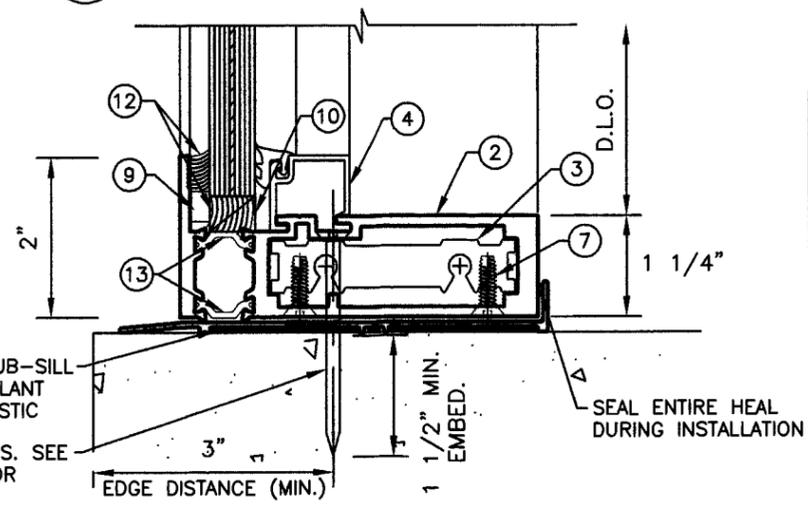
TYPE "C" - 1/4" TAPCONS

INTO 2BY WOOD BUCKS OR WOOD SUBSTRAIGHTS 1 1/2" MIN. PENETRATION INTO #2 SYP

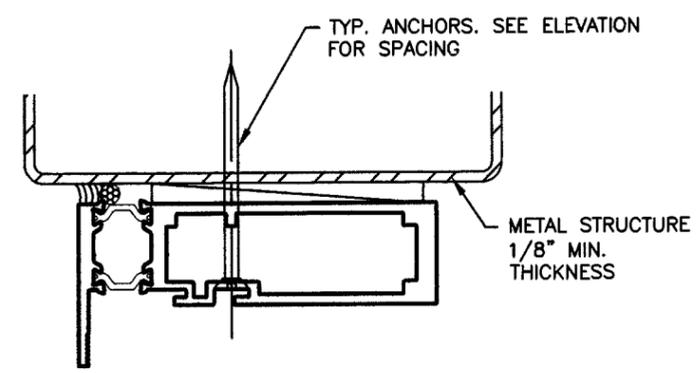
TYPICAL EDGE DISTANCE

INTO CONC. OR MASONRY = 3" MIN.
INTO WOOD STRUCTURE = 1 3/4" MIN.
INTO METAL STRUCTURE = 3/8" MIN.

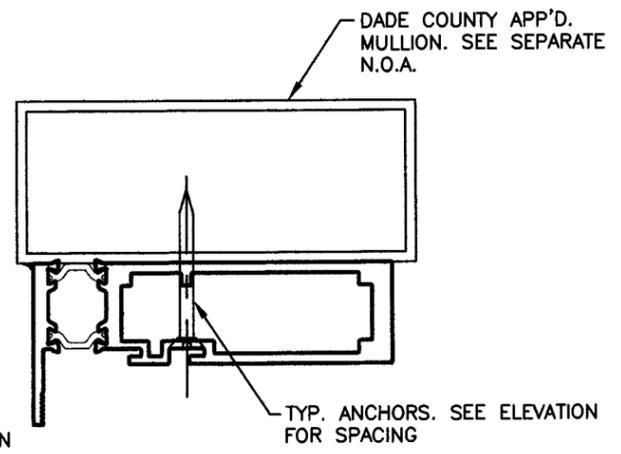
OPTIONAL DETAIL WITH SUB-SILL



ANCHOR TYPE - C



ANCHOR TYPE - B



ANCHOR TYPE - B

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STRUCTURAL ENGINEERING SERVICES
5440 N.W. 33RD AVENUE, SUITE 100
FORT LAUDERDALE, FLORIDA 33309
TEL: (954) 772-4624 FAX: (954) 772-4634

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FLA P.E. #43904

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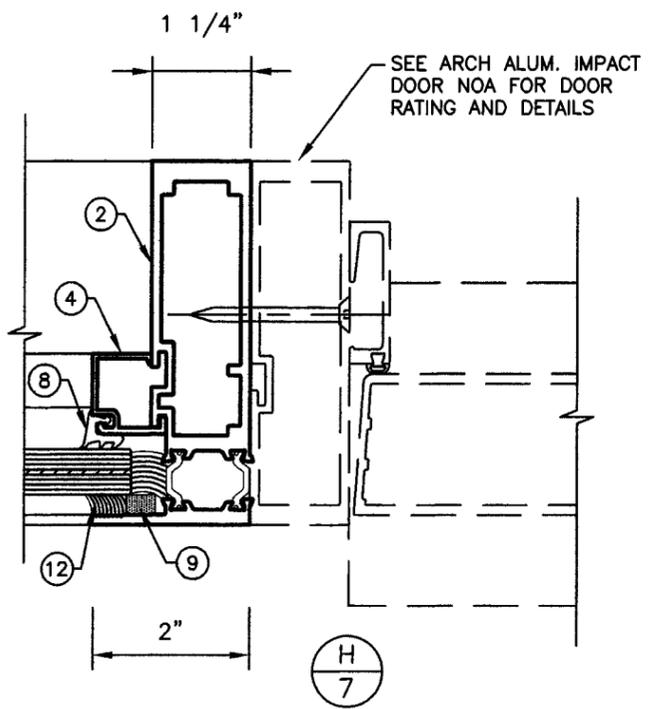
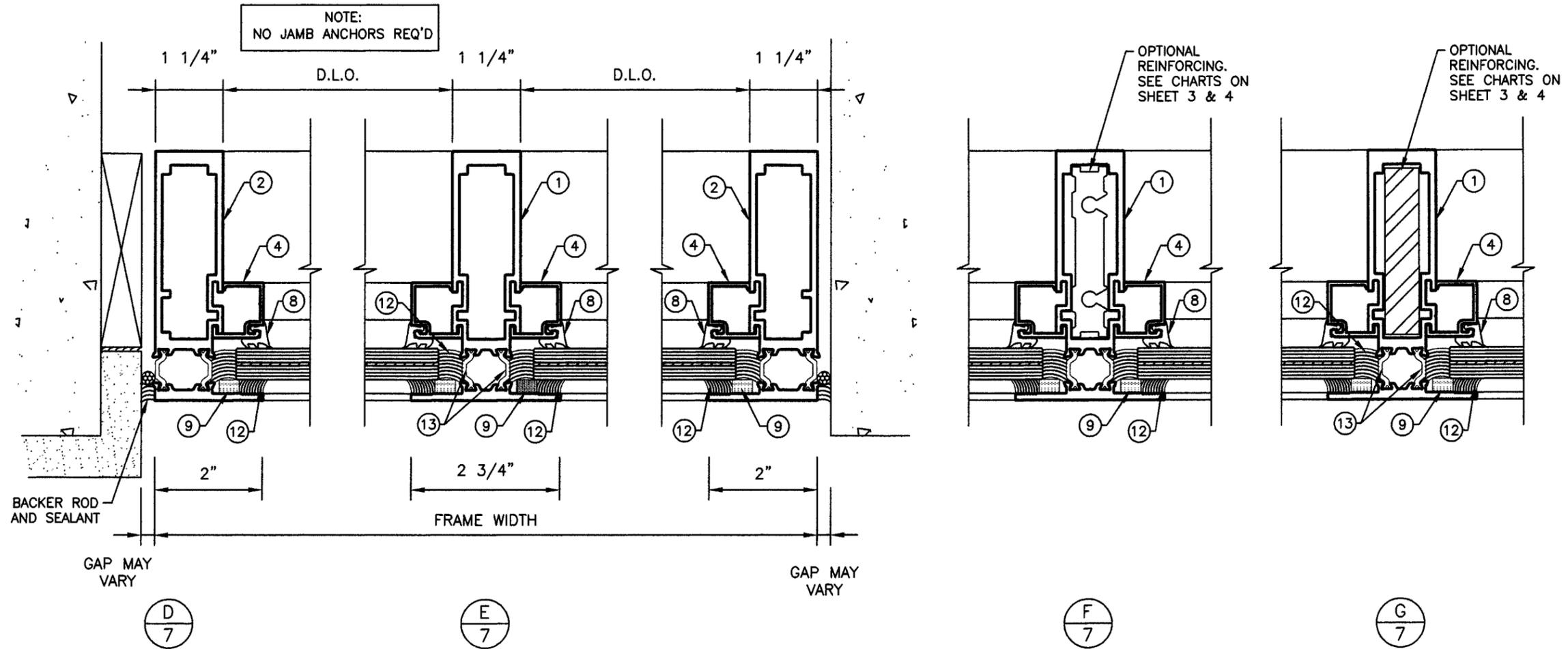
SYSTEM
ARCH ALUMINUM AND GLASS SERIES
3200 THERMAL WINDOW WALL

MANUFACTURER
ARCH ALUMINUM AND GLASS LLC
10200 N.W. 67th STREET
TAMARAC, FLORIDA 33321
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CHECKED BY:
DRAWING # 3200T
SHEET NO. 6 OF 8

MIAMI-DADE COUNTY USE ONLY

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Date: JAN 28, 2009
NOA# 08-0926.16
Miami Dade Product Control
By: *Maureen Perry*



MATERIALS LIST					
ITEM NO.	PART NO.	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
①	AGA-1093	AS REQ'D.	MULLION / INTERMEDIATE	6063-T6	ARCH ALUMINUM
②	AGA-1096	AS REQ'D.	HEAD/SILL/JAMB	6063-T6	ARCH ALUMINUM
③	AGA-1097	AS REQ'D.	SHEAR BLOCK/REINFORCING	6063-T6	ARCH ALUMINUM
④	3003	AS REQ'D.	GLASS STOP	6063-T6	ARCH ALUMINUM
⑤	AGA-142	AS REQ'D.	OPTIONAL SUB-SILL	6063-T6	ARCH ALUMINUM
⑥	S14	2/SHEAR BLOCK	1/4-20 x 1 1/2\" PHP TYPE 23	STAINLESS STEEL	
⑦	P13	2/SHEAR BLOCK	#12-24 x 3/4\" FHP UNDERCUT	STAINLESS STEEL	
⑧	H-63	AS REQ'D.	WEDGE-IN GASKET	NEOPRENE	
⑨	V-2100	AS REQ'D.	GLAZING TAPE	3/8\" x 1/4\" VINYL FOAM	NORTON
⑩	-	2/LITE	SETTING BLOCK (9/16\" GLASS)		
⑪	-	2/LITE	SETTING BLOCK (1 5/16\" GLASS)		
⑫	995	AS REQ'D.	GLAZING COMPOUND		DOW CORNING
⑬	-	AS REQ'D.	THERMAL ISOLATOR	POLYAMIDE	TECHNOFORM

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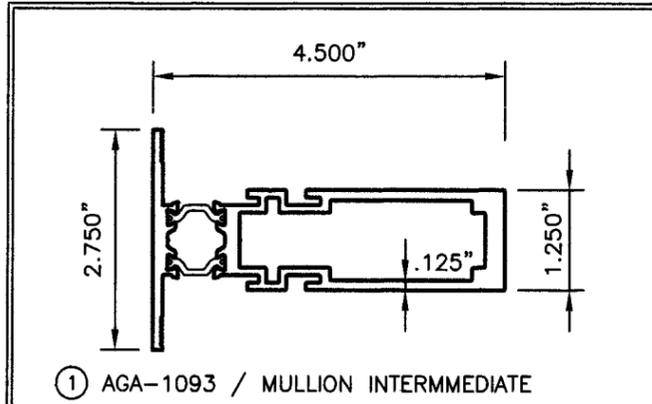
SYSTEM
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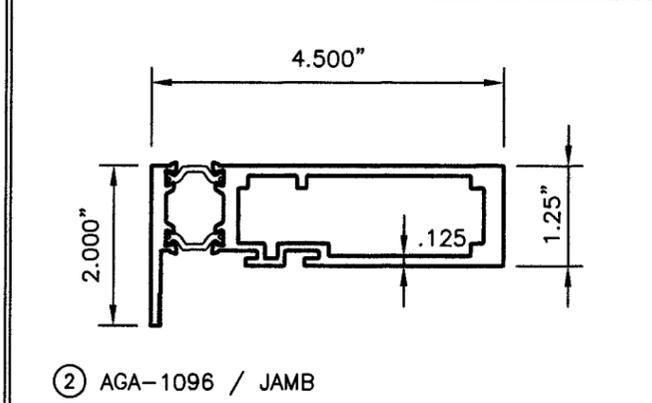
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 SCALE:
 DRAWN: DGI
 CHECKED BY:
 DRAWING # 3200
 SHEET NO. 7 OF 8

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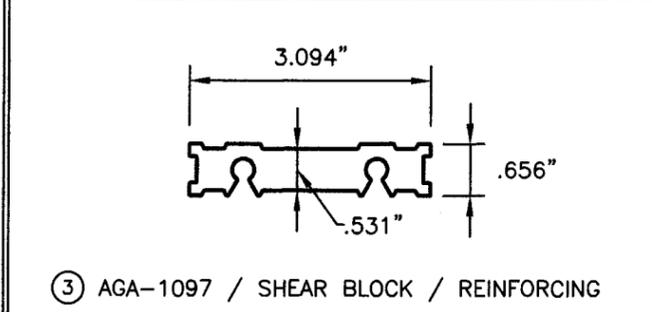
Approved as complying with the Florida Building Code
 Date: JAN 28 2009
 NOAH 08-0926-16
 Miami Dade Product Control
 Division
 By: *Manuel Perez*



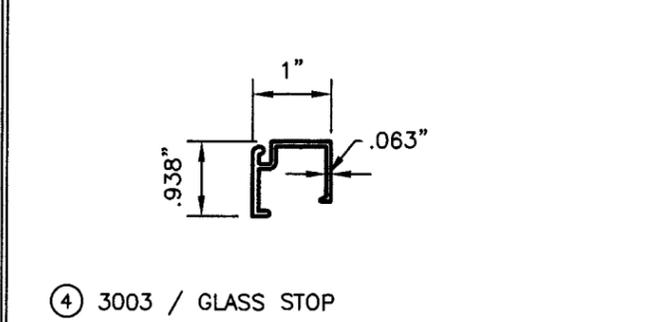
① AGA-1093 / MULLION INTERMEDIATE



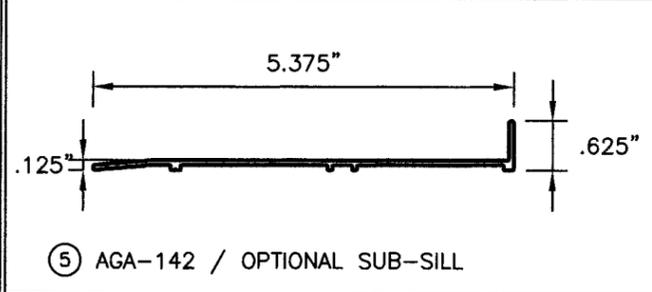
② AGA-1096 / JAMB



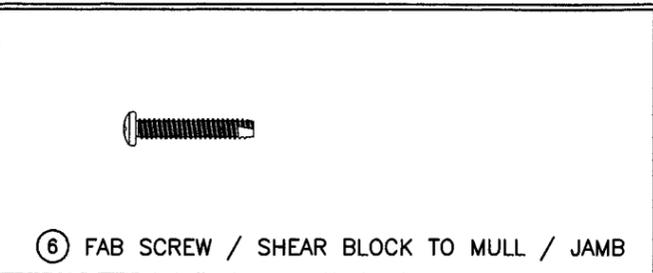
③ AGA-1097 / SHEAR BLOCK / REINFORCING



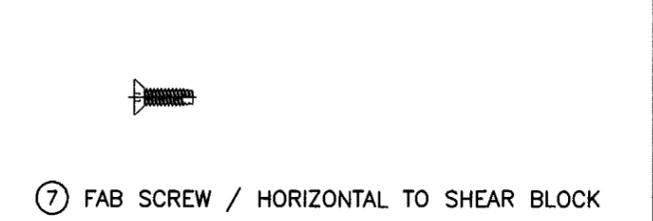
④ 3003 / GLASS STOP



⑤ AGA-142 / OPTIONAL SUB-SILL



⑥ FAB SCREW / SHEAR BLOCK TO MULL / JAMB



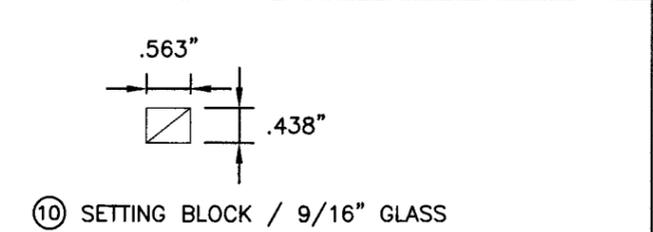
⑦ FAB SCREW / HORIZONTAL TO SHEAR BLOCK



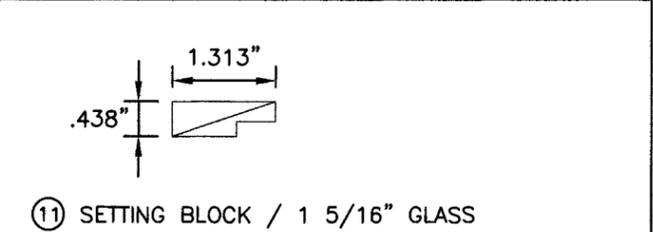
⑧ H-63 EPDM GASKET



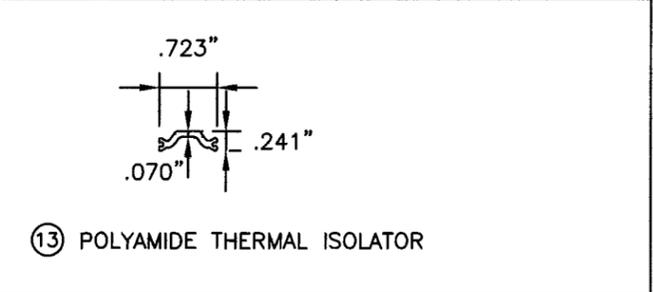
⑨ V2100 GLAZING TAPE



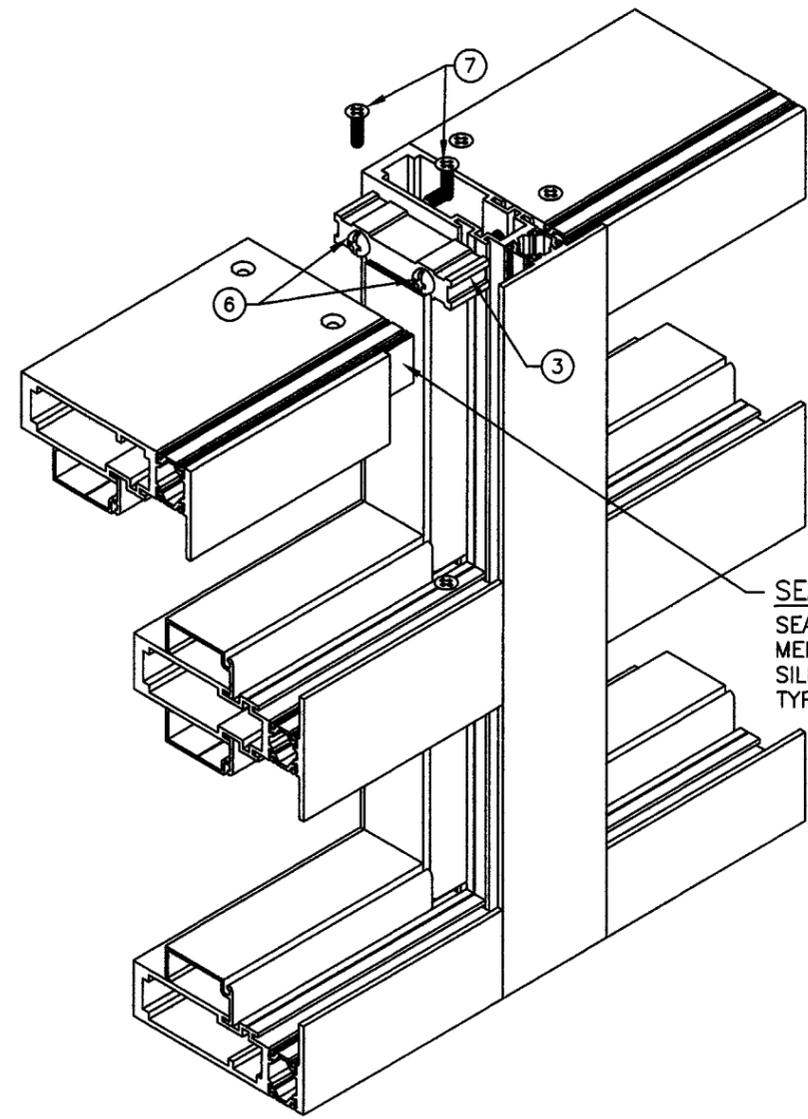
⑩ SETTING BLOCK / 9/16" GLASS



⑪ SETTING BLOCK / 1 5/16" GLASS



⑬ POLYAMIDE THERMAL ISOLATOR



SEALANTS:
SEAL PERIMETER OF MATING
MEMBERS WITH CLEAR
SILICONE DURING ASSEMBLY
TYPICAL

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5440 N.W. 33RD AVENUE SUITE 100
FORT LAUDERDALE, FLORIDA 33309
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SHEET NO.	8 OF 8

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Florida Building Code
Date: JAN 28 2009
NOAD: 08-0926.16
Miami Dade: [unclear]
By: *Manuel Perez*