



**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

**Diebold, Incorporated
818 Mulberry Road S.E.
Canton, OH 44707**

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 "Bullet Resistant Drive-Up" Aluminum Fixed Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **08-131**, titled "Bullet Resistant Drive-Up Window", sheets 1 through 7 of 7, dated 05/29/08, prepared by EngCo, Inc., signed and sealed by Pedro De Figueiredo, 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. 08-0611.13
Expiration Date: September 11, 2013
Approval Date: September 11, 2008
Page 1**

Diebold, Incorporated

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **08-131**, Sheets 1 through 7 of 7, titled "Bullet Resistant Drive-Up Window", dated 05/29/08, prepared by EngCo, Inc., signed and sealed by Pedro De Figueiredo, 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 203-94along with marked-up drawings and installation diagram of a bullet resistant drive-up, aluminum fixed window, prepared by Hurricane Test Laboratory LLC, Test Report No. **HTL-0084-1021-07**, dated 4/16/08, signed and sealed by Vinu J. Abraham.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2004 and 2007, prepared by EngCo, Inc., dated 06/05/08, signed and sealed by Pedro De Figueiredo, 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. **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 no financial interest, dated June 5, 2008, signed and sealed by Pedro De Figueiredo, P.E.
2. Laboratory compliance letter for Test Report no. **HTL-0084-1021-07** issued by Hurricane Test Laboratory, Inc., dated 4/16/08, signed and sealed by Vinu J. Abraham, P.E.

G. OTHER

1. None.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 08-0611.13
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Approval Date: September 11, 2008

INDEX:

- SHEET 1 of 7 - INDEX, GENERAL NOTES AND TYPICAL ELEVATIONS
- SHEET 2 of 7 - DESIGN LOADS & GLAZING OPTIONS
- SHEET 3 of 7 - SECTION DETAILS
- SHEET 4 of 7 - ANCHORAGE OPTIONS
- SHEET 5 of 7 - ANCHORAGE OPTIONS
- SHEET 6 of 7 - WINDOW ASSEMBLY
- SHEET 7 of 7 - BILL OF MATERIALS AND COMPONENTS

GENERAL NOTES:

1- CODE: THIS PRODUCT HAS BEEN TESTED AND DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2007 ED INCLUDING THE HVHZ (HIGH VELOCITY HURRICANE ZONE).

2- DEFINITION: THIS PRODUCT IS AN ALUMINUM FIXED IMPACT RESISTANT LAMINATED GLASS. TYPE WINDOW RATED FOR LARGE & SMALL MISSILE

3- POSTING:
 "BULLET RESISTANT - DRIVE-UP WINDOW"
 DIEBOLD INCORPORATED - CANTON - OHIO
 DADE COUNTY PRODUCT CONTROL APPROVED"

4- DESIGN LOADS: THE DESIGNED LOADS MUST BE CALCULATED BY A PROFESSIONAL ARCHITECT OR ENGINEER FOR EACH SPECIFIC PROJECT. THE CALCULATED DESIGNED PRESSURE MUST NOT EXCEED THE ALLOWABLE APPROVED PRESSURE SPECIFIED IN TABLES 1 AND/OR 2 ON SHEET 2.

5- MATERIAL: ALL ALUMINUM PARTS TO BE 6063-T5 ALLOY OR SPECIFIED AND GLAZING TO BE LAMINATED GLASS AS SPECIFIED ON THIS APPROVAL.

6- FASTENERS: ASSEMBLY SCREWS AND ANCHORS SHALL BE AS SPECIFIED IN THIS CURRENT SET OF DRAWINGS.

7- USE: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, ARCHITECT OR ENGINEER OF RECORD TO VERIFY THE FOLLOWING:

7.1- THE STABILITY OF THE STRUCTURE WHERE THE UNIT IS TO BE ATTACHED INSURING PROPER ANCHORAGE.

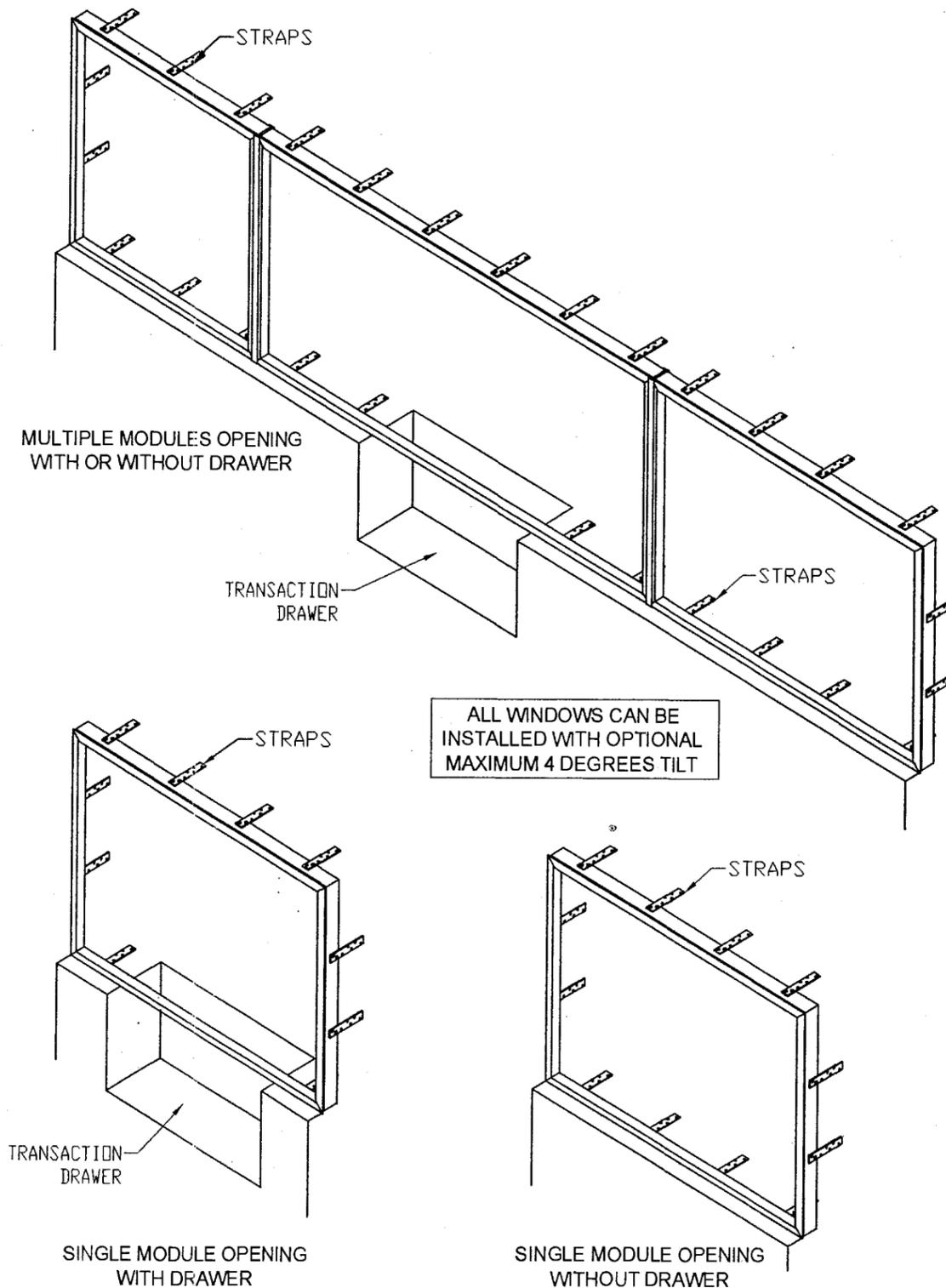
7.2- THE SITE SPECIFIC PROJECT CRITERIA, SUCH AS BUT NOT LIMITED TO, LOCAL CODE REQUIREMENTS, DESIGNED PRESSURES ETC.

7.3- THAT THIS APPROVAL IS ADEQUATE TO THE SPECIFIC PROJECT.

8- 33 1/3% INCREASE IN ALLOWABLE LOADS HAVE NOT BEEN USED IN THE DESIGN OF THE ANCHORS FOR THIS PRODUCT APPROVAL, HOWEVER, WOOD ANCHORS WITH 1.6 INCREASE FOR WIND LOAD DURATION HAVE BEEN USED.

9- DISSIMILAR MATERIALS: MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL, THAT COME IN CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE

TYPICAL ELEVATIONS



MANUFACTURER:

DIEBOLD
INCORPORATED

818 MULBERRY Rd. SE
 CANTON, OH - 44707
 TEL.: (800) 456-1286
 FAX: (330) 489-4140

PRODUCT:
**BULLET RESISTANT
 DRIVE-UP WINDOW**

Engineering:
EngCo Inc.
 CA 8116
 6971 W. Sunrise Blvd. 104
 Plantation, Fl. 33313
 Email: ENGCO@AOL.COM

AUG 06 2008

Engineer Seal
 Pedro De Figueiredo
 PE 52609

MIAMI DADE BCCO:

Approved as complying with the
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 Date SEPT. 11, 2008
 NOA# 08-0611.13
 Miami Dade Product Control
 Division
 By: *Manuel Perez*

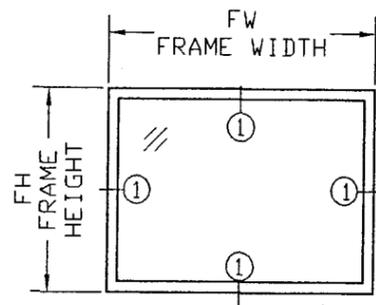
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 Design by: PPMF

DRAFTING:
PK DRAFTING & MORE

Drawing Number
08-131

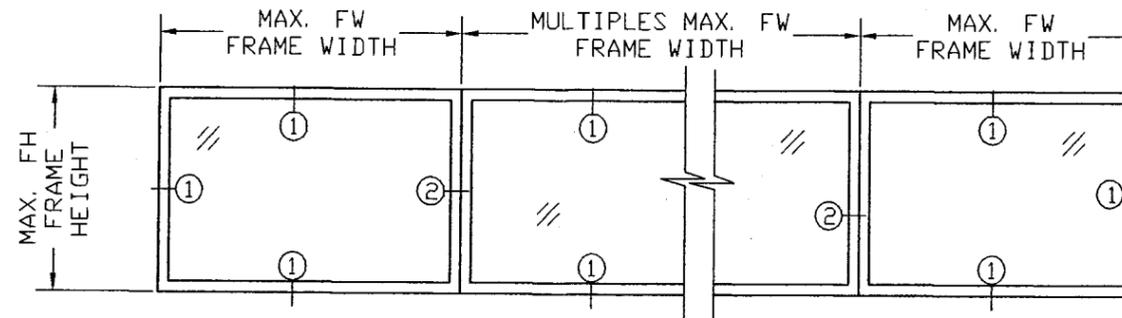
Sheet
1 of 7

TABLE 1
SINGLE MODULE SELECTION TABLE



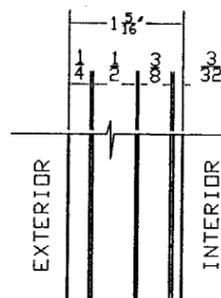
FRAME WIDTH (IN)	FRAME HEIGHT (IN)	PRESSURE RATING ± (PSF)
35.875	30	80
	36	80
	38	80
	40	80
	43.5	80
	46	80
49.875	30	80
	36	80
	38	80
	40	80
	43.5	80
	46	80
60	30	80
	36	80
	38	80
	40	80
	43.5	80
	46	80
72	30	80
	36	80
	38	80
	40	80
	43.5	80
	46	80
84	30	80
	36	80
	38	80
	40	80
	43.5	80
	46	80
95.5	30	80
	36	80
	38	80
	40	80
	42	80
	43.5	80
120	30	80
	34.5	80
130	31.5	80

TABLE 2
MULTIPLE FW MODULES SELECTION TABLE



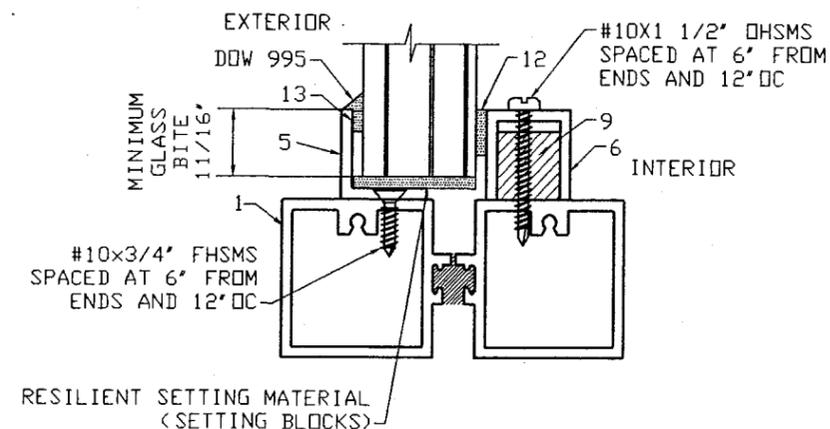
MAX. FH (IN)	MAX. FW (IN)	PRESSURE ± (PSF)
43.50	95.5	80
45.00	92.0	70
46.00	90.0	64

GLAZING OPTIONS AND DETAIL



10- NOMINAL 1 5/8" LEVEL 1

LAMINATED GLASS MADE OF
(EXT) 1/4 AN + 0.03 PVB+
1/2 AN+.03 PVB+ 3/8 AN+
.03 PVB+ 3/32 AN (INT)
PVB- SOLUTIA SAFLEX IIIIG INTERLAYER



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PRODUCT:
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Engineering:
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6971 W. Sunrise Blvd. 104
Plantation, FL 33313
Email: ENGCO@AOL.COM



AUG 06 2008

Engineer Seal
Pedro De Figueiredo
PE 52609

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Approved in compliance with the
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Date: **SEPT. 11, 2008**
NOA: **08-0611.13**
Initial Date Expiration: 06/30/11

Manuel Perez

Date: 05/29/08
Scale: NA
Design by: PPMF

DRAFTING:
PK DRAFTING & MORE

Drawing Number
08-131

Sheet
2 of 7

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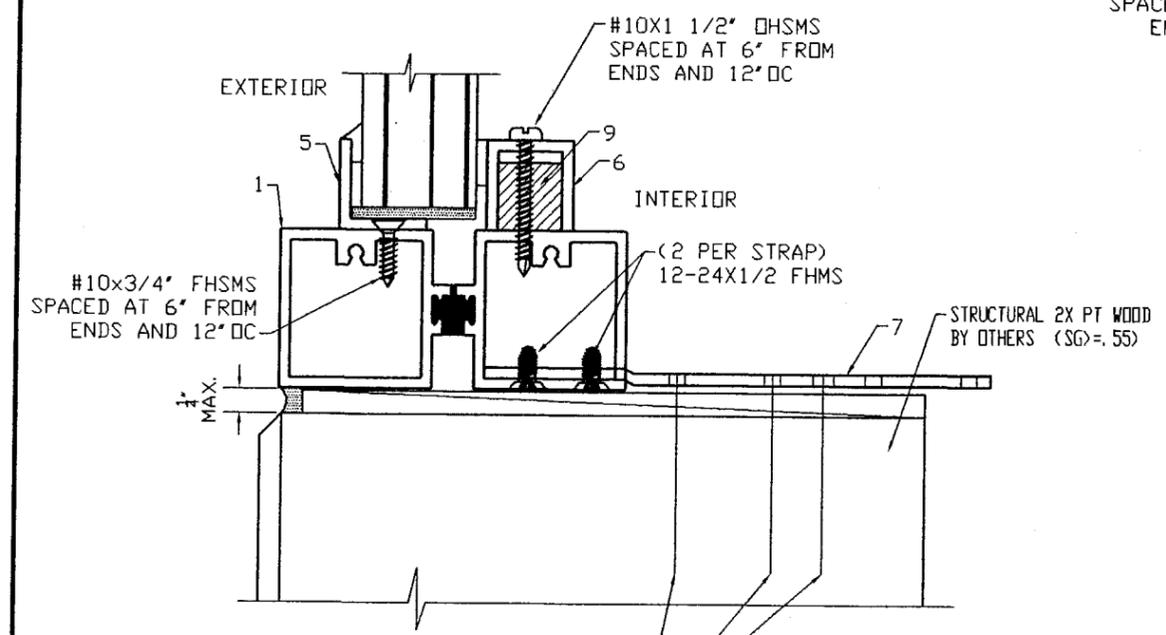
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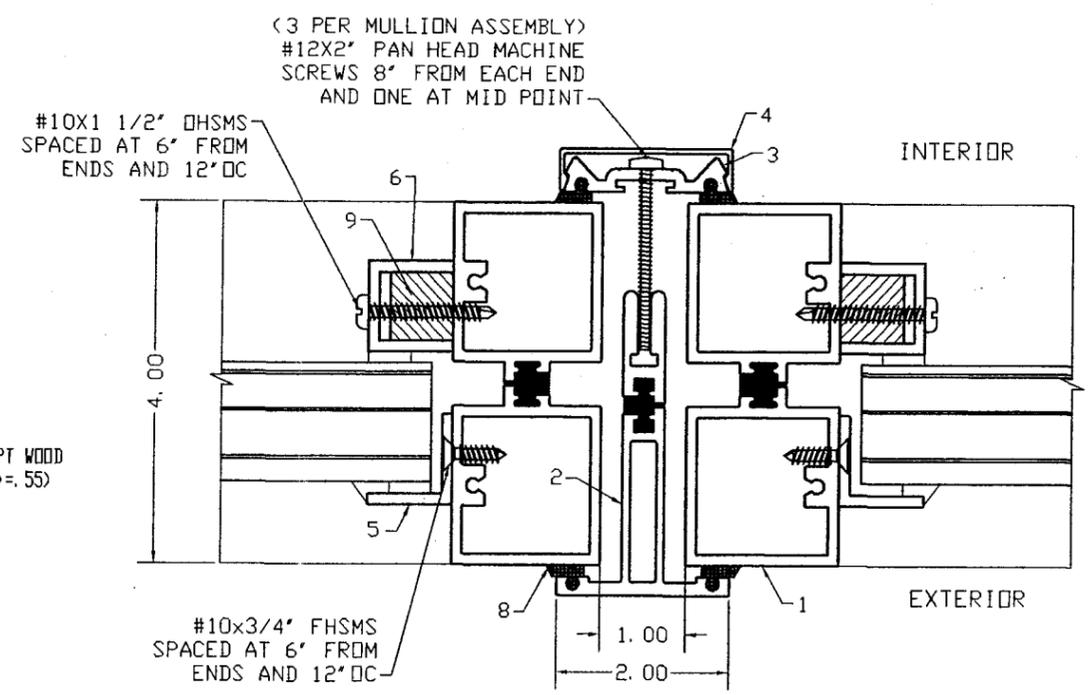
Sheet
3 of 7

① PERIMETER FRAMING HEADER/ SILL/ JAMB
 WITH 1 5/8" LEVEL 1

② "T" MULLION WITH 1 5/8" LEVEL 1



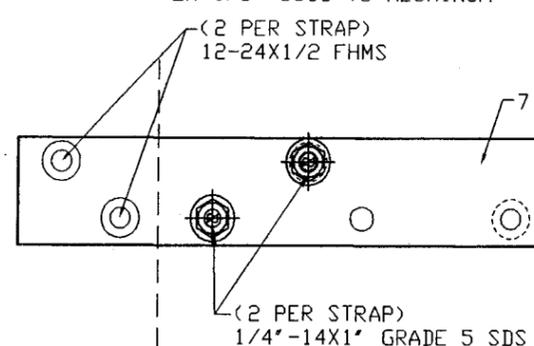
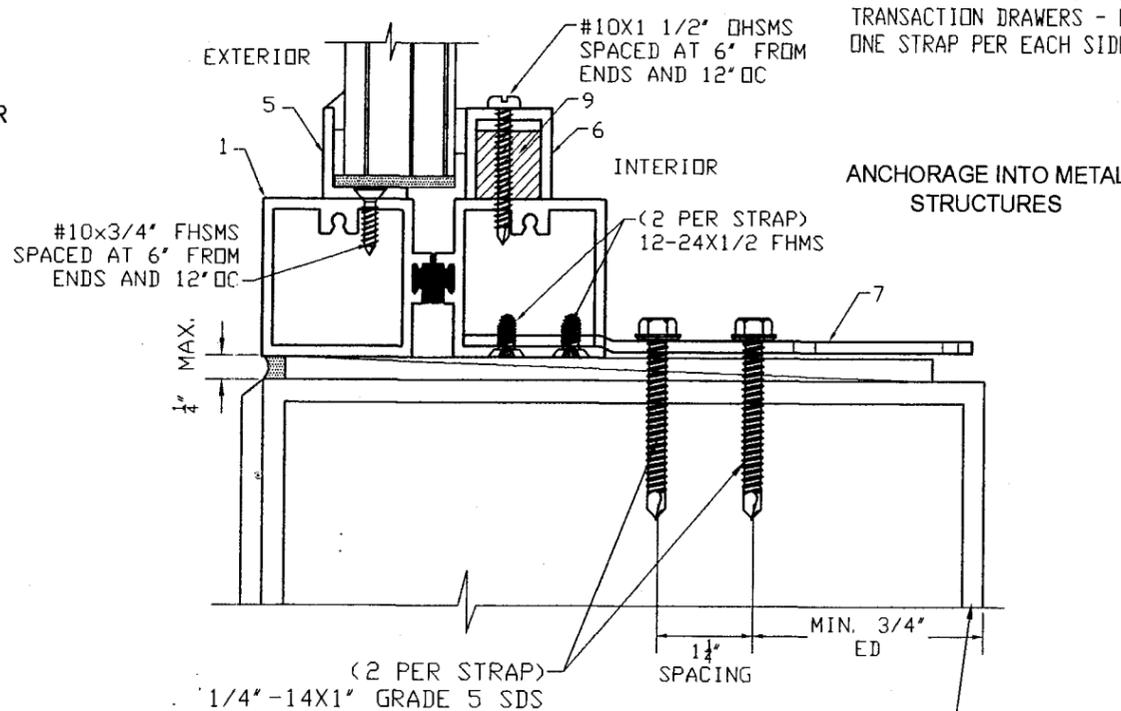
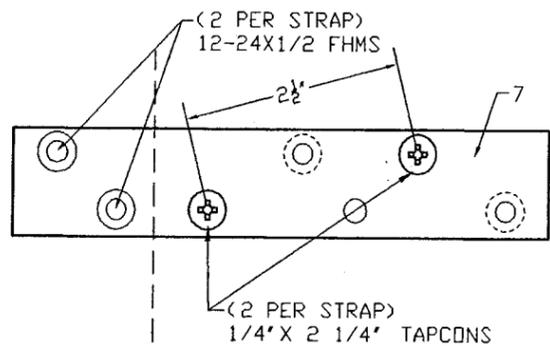
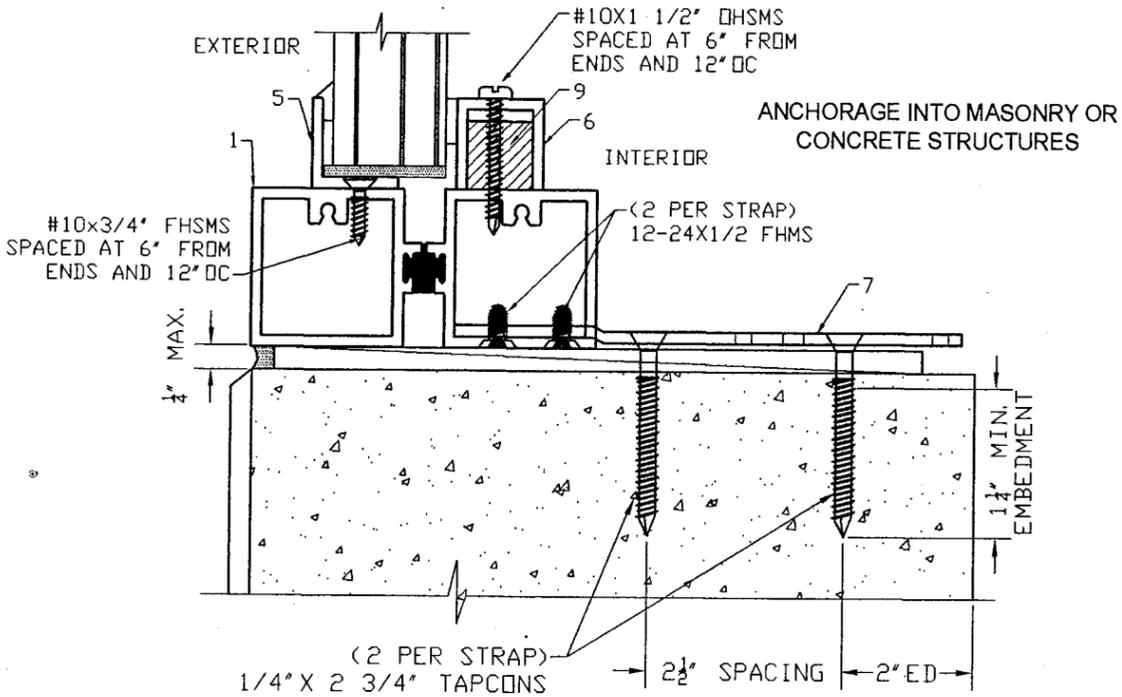
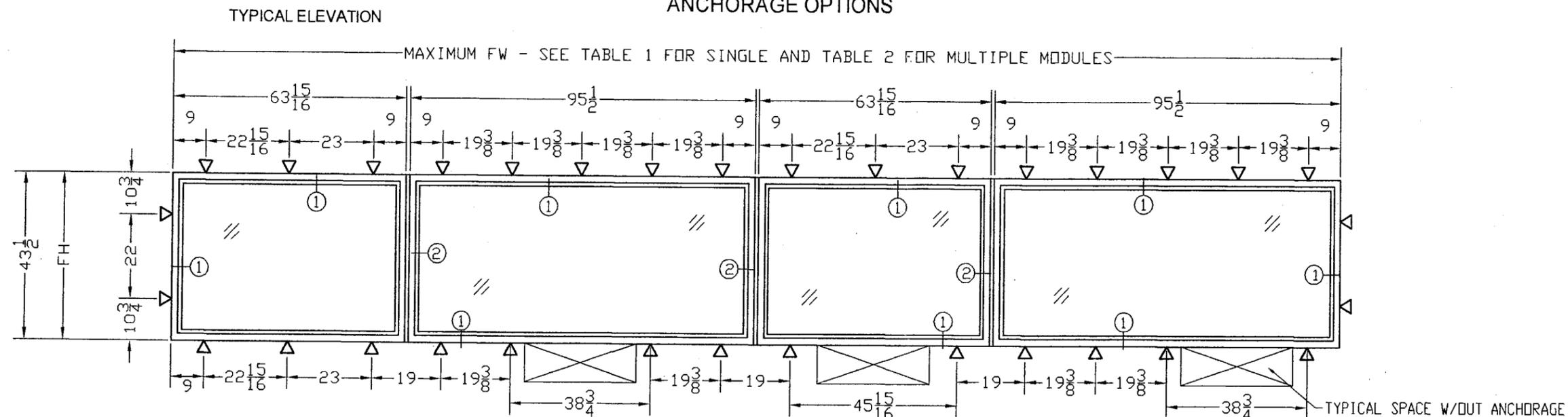
SEE ANCHORAGE OPTIONS
 DETAILS ON SHEETS 4 & 5



SEALANTS

CORNERS	DOW 995 STRUCTURAL GLAZING
PERIMETER	DOW 995 STRUCTURAL GLAZING
	TREMCO VULKEM 116 SEALANT
GLAZING	DOW 995 STRUCTURAL GLAZING

ANCHORAGE OPTIONS



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Date: 05/29/08
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Design by: PPMF

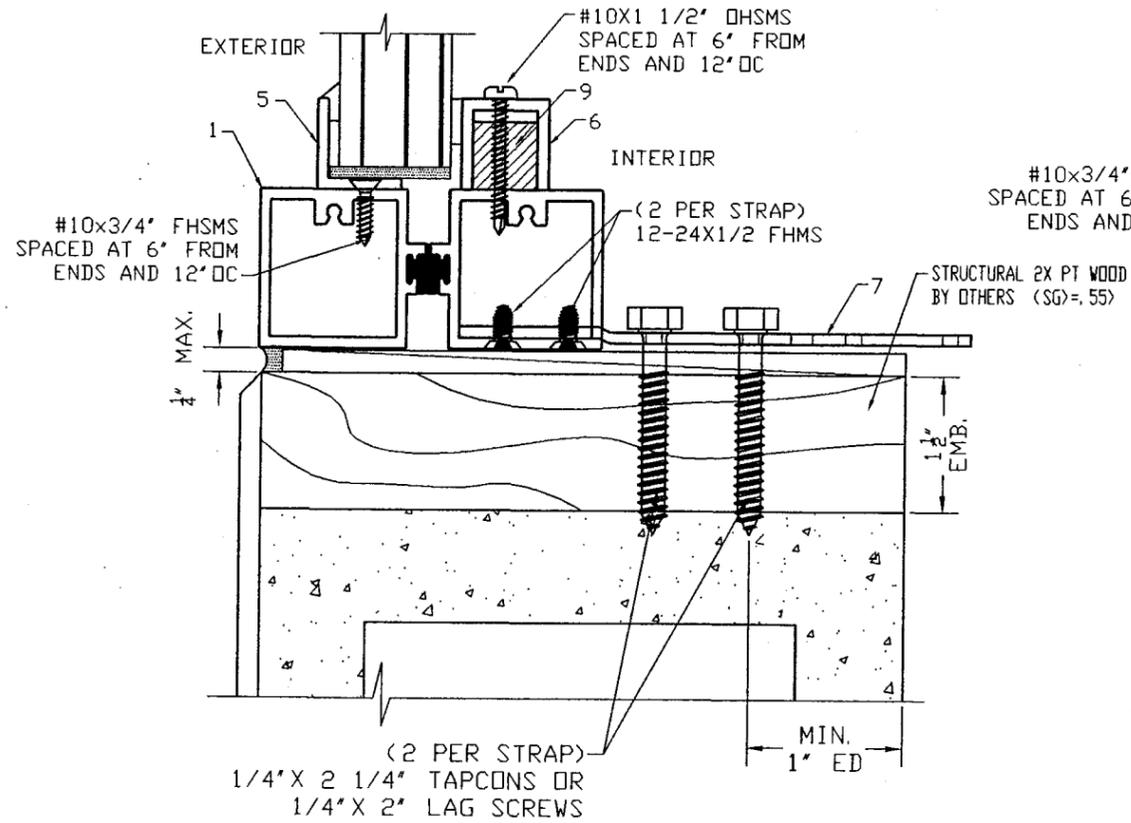
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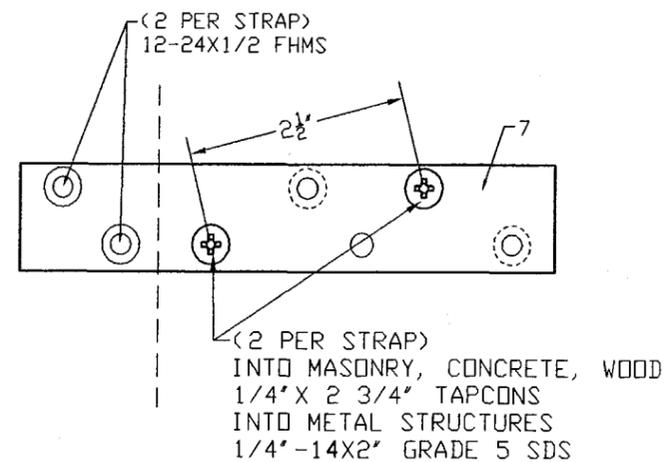
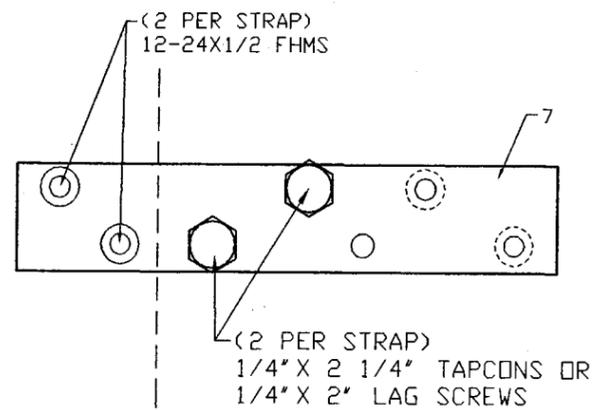
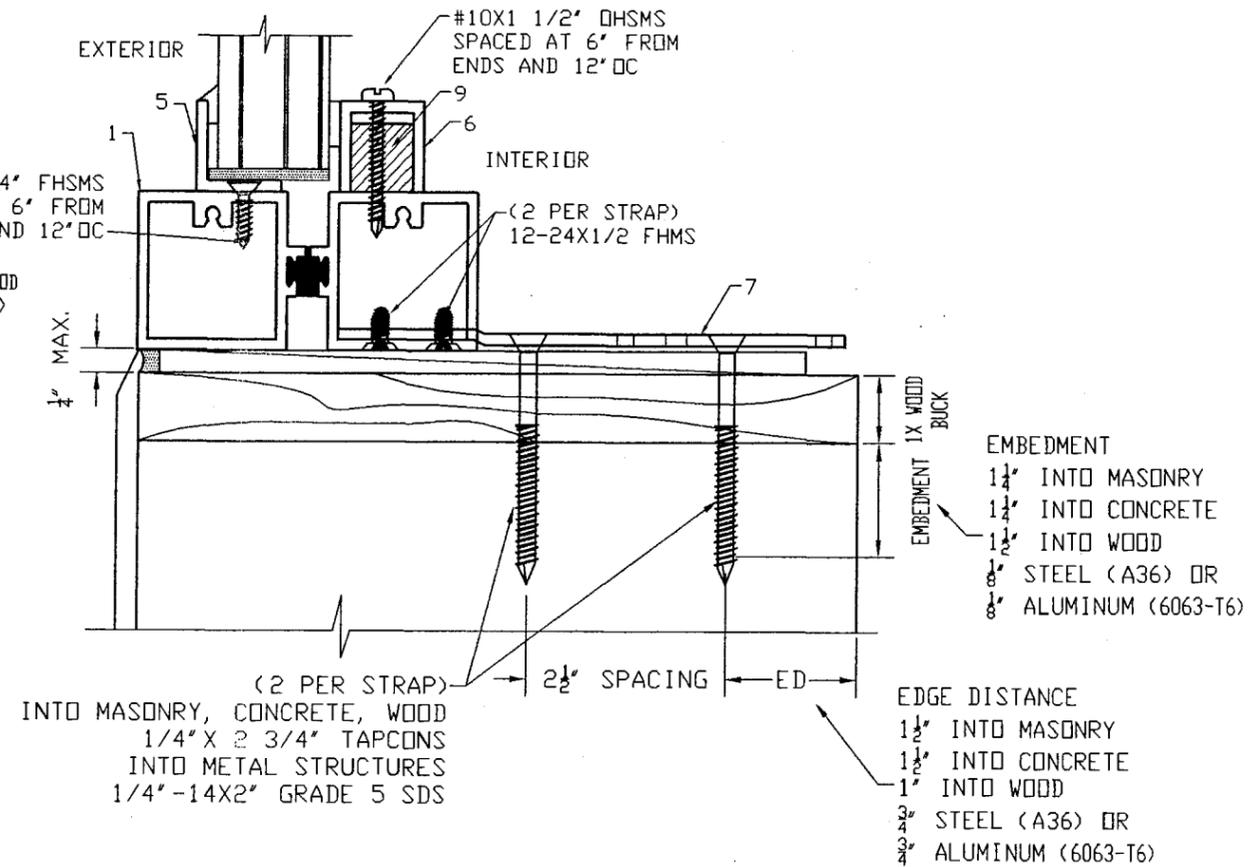
Sheet
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ANCHORAGE OPTIONS

ANCHORAGE INTO 2X WOOD BUCK (SG>=.55)



ANCHORAGE INTO MASONRY, CONCRETE OR METAL STRUCTURES THROUGH 1X WOOD BUCK



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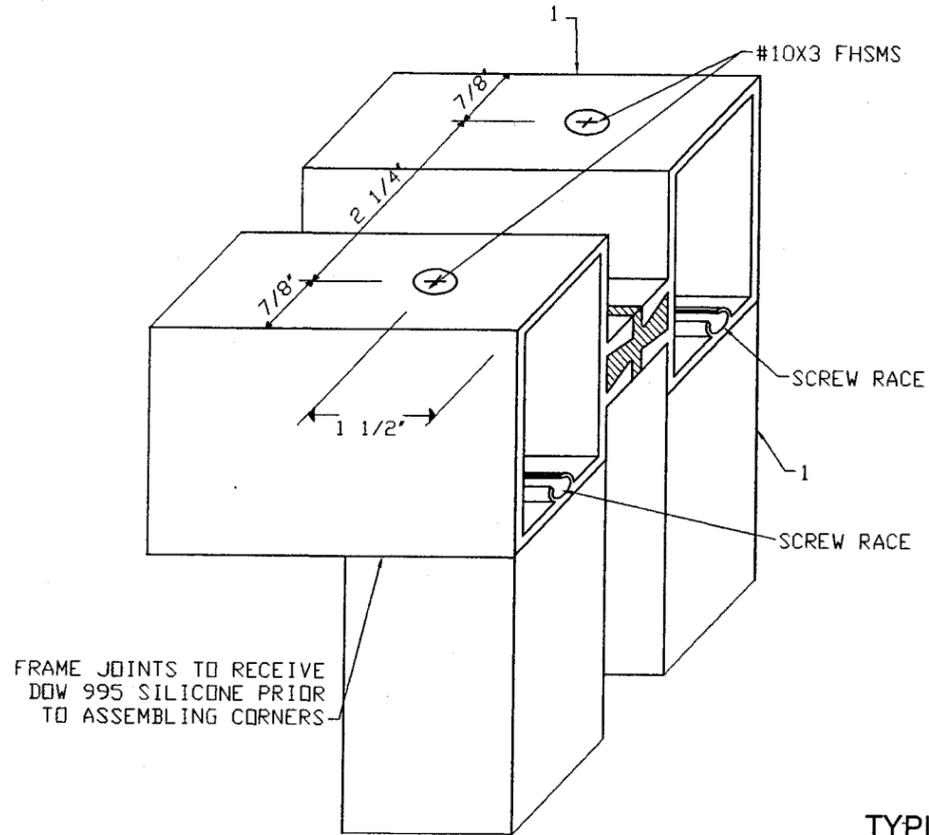
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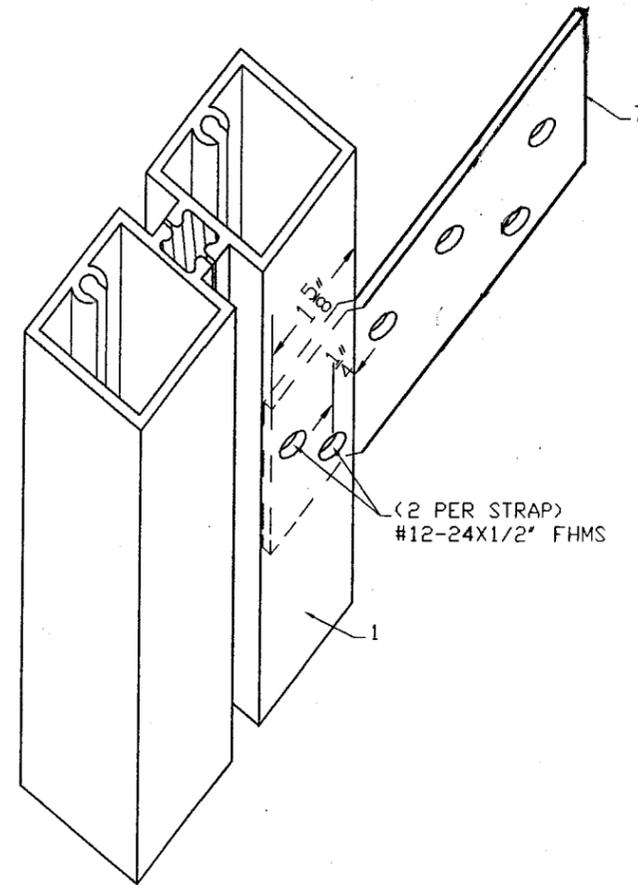
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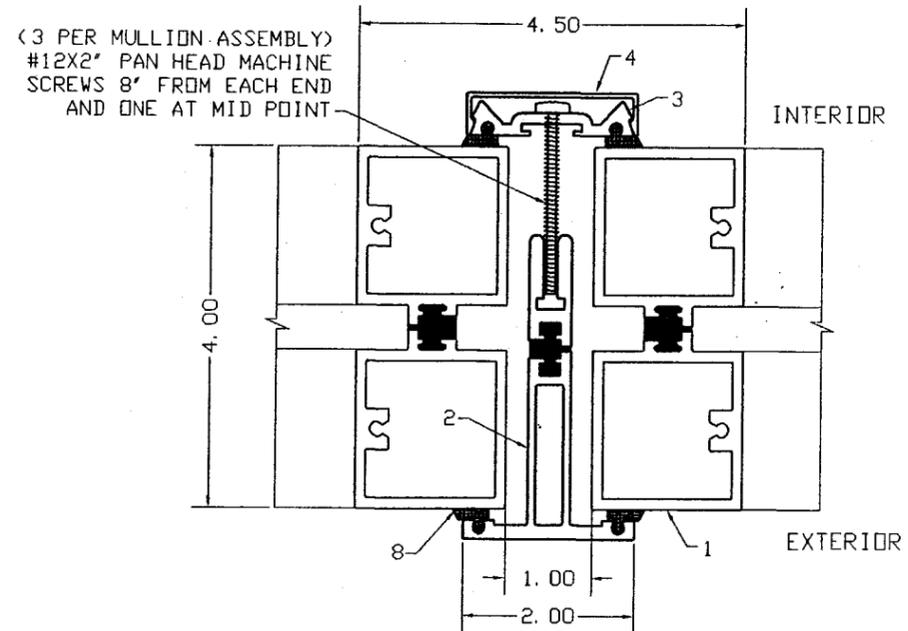
TYPICAL CORNER ASSEMBLY



STRAP ATTACHMENT



TYPICAL MULLION ASSEMBLY



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MDDA: **08-0611.13**
Miami Dade District Council
By: *[Signature]*

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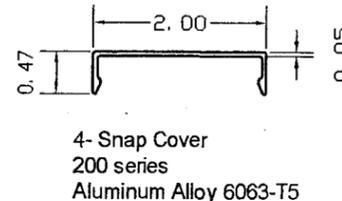
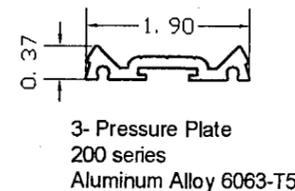
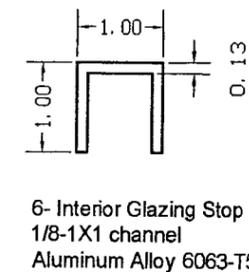
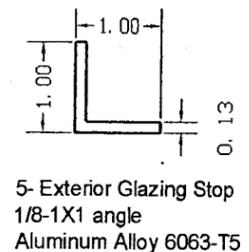
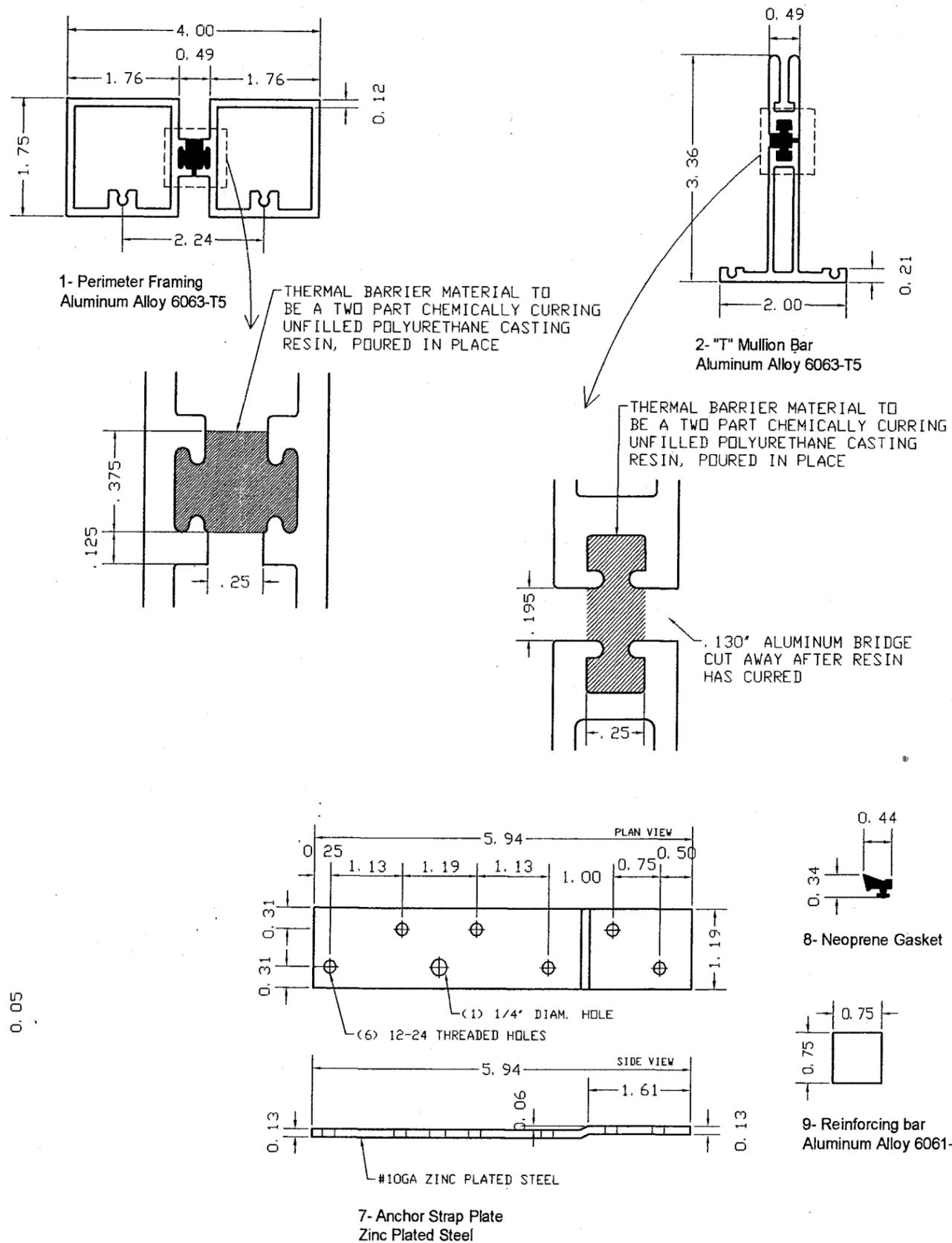
Drawing Number
08-131

Sheet
6 of 7

BILL OF MATERIALS

MARK	DESCRIPTION	PART
1	PERIMETER FRAMING	E5171
2	'T' MULLION BAR	E5175
3	PRESSURE PLATE	E1061
4	SNAP COVER	E0968
5	GLAZING STOP	E0191
6	GLAZING STOP	E0199
7	ANCHOR STRAP PLATE	BP-459
8	NEOPRENE GASKET	PTB28
9	REINFORCING BAR	
10	LEVEL 1 GLAZING	41-020540
11	FRAME CORNER SEALANT	DDW 995
12	1/8X1/2 FOAM TAPE	CRL74418
13	3/16X1/2 POLYSHIM II TAPE	TREMCO

WINDOW COMPONENTS



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Sheet
7 of 7