



MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/building](http://www.miamidade.gov/building)

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION  
**NOTICE OF ACCEPTANCE (NOA)**

**Diebold Nixdorf, Inc.**  
**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 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 "Bullet Resistant Drive-Up Window" Aluminum Fixed Window – L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **23-200**, titled "Bullet Resistant Drive-Up Window - Fixed Window - Large & Small Missile Impact Resistant", sheets 1 through 7 of 7, dated 10/18/23, prepared by PPMF, Inc., signed and sealed by Pedro De Figueiredo, 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.

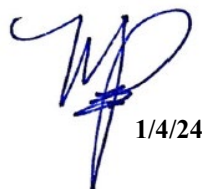
**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**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 No. **22-0224.09** 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 **Manuel Perez, P.E.**



  
1/4/24

NOA No. 23-1215.03  
Expiration Date: September 11, 2028  
Approval Date: January 11, 2024  
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. 08-0611.13)*
2. Drawing No. **22-004**, titled "Bullet Resistant Drive-Up Window Fixed Window Large & Small Missile Impact Resistant", sheets 1 through 7 of 7, dated 01/30/22, prepared by PPMF, Inc., signed and sealed by Pedro De Figueiredo, P.E.  
*(Submitted under NOA No. 22-0224.09)*

**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 bullet resistant drive-up, aluminum fixed window, prepared by Hurricane Test Laboratory, LLC, Test Report No. **HTL-0084-1021-07**, dated 04/16/08, signed and sealed by Vinu J. Abraham, P.E.  
*(Submitted under NOA No. 08-0611.13)*

**C. CALCULATIONS**


1. Anchor verification calculations and structural analysis, complying with FBC-2010, dated 09/04/12, prepared by EngCo, Inc., signed and sealed by Pedro De Figueiredo, P.E.  
*(Submitted under NOA No. 08-0611.13)*
2. Glazing complies with **ASTM E1300-04**

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **21-0216.01** issued to **Eastman Chemical Company (MA)** for their "**Saflex PVB Interlayers - Clear and Colored for Glass**" dated 04/29/21, expiring on 05/21/26.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 23-1215.03  
Expiration Date: September 11, 2028  
Approval Date: January 11, 2024

**Diebold Nixdorf, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**


**1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)**

**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC 7<sup>th</sup> Edition (2020)**, and of no financial interest, dated January 30, 2022, issued by PPMF, Inc., signed and sealed by Pedro De Figueiredo, P.E.  
*(Submitted under NOA No. 22-0224.09)*
2. Distributor Agreement between Schneiders-Vetter Glass, and Diebold Nixdorf, Inc., dated 10/01/18, signed by Lita Patek and Jamie Howell, respectively.  
*(Submitted under NOA No. 18-0918.05)*
3. Laboratory compliance letter for Test Report No. **HTL-0084-1021-07**, dated 04/16/08, issued by Hurricane Test Laboratory, LLC, signed and sealed by Vinu J. Abraham, P.E.  
*(Submitted under NOA No. 08-0611.13)*

**G. OTHERS**

1. Notice of Acceptance No. **18-0918.05**, issued to Diebold, Inc. for their Series "Bullet Resistant Drive-Up Window" Aluminum Fixed Window – L.M.I., approved on 11/21/18 and expiring on 09/11/23.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 23-1215.03  
Expiration Date: September 11, 2028  
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**Diebold Nixdorf, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**2. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **23-200**, titled “Bullet Resistant Drive-Up Window - Fixed Window - Large & Small Missile Impact Resistant”, sheets 1 through 7 of 7, dated 10/18/23, prepared by PPMF, Inc., signed and sealed by Pedro De Figueiredo, P.E.

**B. TESTS**

1. None

**C. CALCULATIONS**

1. None

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **21-0216.01** issued to **Eastman Chemical Company (MA)** for their “**Saflex PVB Interlayers - Clear and Colored for Glass**” dated 04/29/21, expiring on 05/21/26.

**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC 8<sup>h</sup> Edition (2023)**, and of no financial interest, dated October 18, 2023, issued by PPMF, Inc., signed and sealed by Pedro De Figueiredo, P.E.

**G. OTHERS**

1. Notice of Acceptance No. **22-0224.09**, issued to Diebold, Inc. for their Series “Bullet Resistant Drive-Up Window” Aluminum Fixed Window – L.M.I., approved on 04/07/22 and expiring on 09/11/23.


  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 23-1215.03  
Expiration Date: September 11, 2028  
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GENERAL NOTES:

FLORIDA BUILDING CODE 2023, 8th EDITION - HVHZ  
LARGE & SMALL MISSILE IMPACT RATED

1- CODE: THIS PRODUCT HAS BEEN TESTED AND DESIGNED IN ACCORDANCE WITH THE FBC 2023 - 8th EDITION, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).

2- DEFINITION: THIS PRODUCT IS AN ALUMINUM IMPACT RESISTANT FIXED WINDOW DESIGNED, CONSTRUCTED AND TESTED TO PROVIDE PROTECTION FROM HURRICANE FORCE WINDS AND WIND BORNE DEBRIS (LARGE & SMALL MISSILE) WITHIN THE ALLOWABLE DESIGNED PRESSURES AND LIMITATIONS STATED IN THIS APPROVAL. INSTALLATION OF HURRICANE PROTECTION DEVICES IS NOT REQUIRED.

3- POSTING:

"BULLET RESISTANT - DRIVE-UP WINDOW"  
DIEBOLD NIXDORF INC. - CANTON - OHIO  
LARGE & SMALL MISSILE IMPACT RATED  
MIAMI-DADE PRODUCT CONTROL APPROVED

4- LOADS: DESIGNED LOAD CALCULATED BASED ON THE ASCE 7-22 AND PROVIDED BY A PROFESSIONAL ARCHITECT OR ENGINEER FOR EACH SPECIFIC PROJECT. THE CALCULATED DESIGNED PRESSURE MUST NOT EXCEED THE ALLOWABLE PRESSURES SPECIFIED IN TABLES 1 AND 2 ON SHEET 2. THE DESIGN PRESSURES, AS DETERMINED FROM ASCE 7-22, ARE TO BE MULTIPLE BY 0.6

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

6- FASTENERS: ASSEMBLY SCREWS AND ANCHORS SHALL BE AS SPECIFIED IN THE CURRENT SET OF DRAWINGS. INSTALLATION AND LOADS AS PER THIS APPROVAL. ANCHOR SPACING AND LOADS MUST NOT EXCEED THE MAXIMUM LIMITS SPECIFIED BY THIS APPROVAL.

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

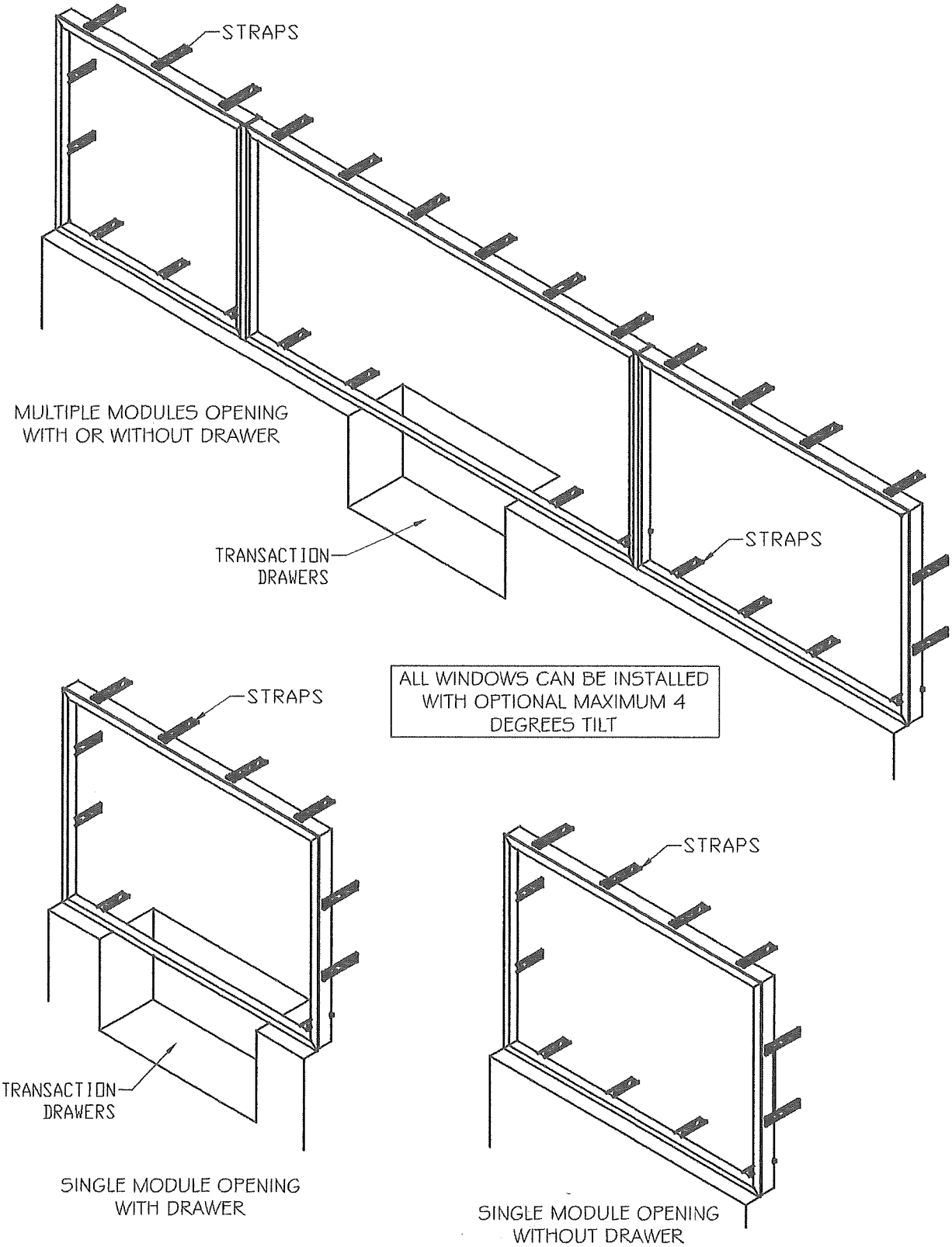
7.1- THE STABILITY OF THE STRUCTURE WHERE THE PRODUCT IS TO BE ATTACHED INSURING PROPER ANCHORAGE.

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

TYPICAL ELEVATIONS



MANUFACTURER:

**DIEBOLD**  
NIXDORF INC

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

PRODUCT:

**BULLET RESISTANT  
DRIVE-UP WINDOW**  
FIXED WINDOW  
LARGE & SMALL MISSILE  
IMPACT RESISTANT

ENGINEERING:

**PPMF Inc.**  
ENGINEERING SERVICES - CA 32459  
9715 W. BROWARD BLVD. 247  
PLANTATION, FL 33324  
PPMF@AOL.COM



MIAMI-DADE BCCO:

**PRODUCT REVISED**  
As complying with the Florida  
Building Code

NOA-No. **23-1215.03**

Expiration Date: **09/11/2028**

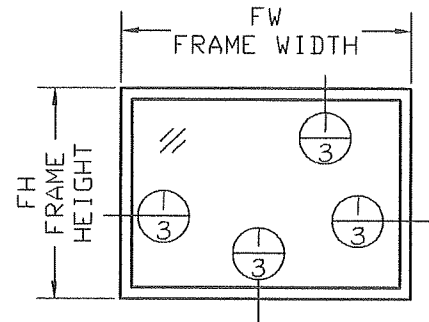
By: *Manuel Perez*  
**Miami-Dade Product Control**

DATE: 10/18/2023  
SCALE: NA  
DESIGN BY: PPMF

SHEET  
1 OF 7

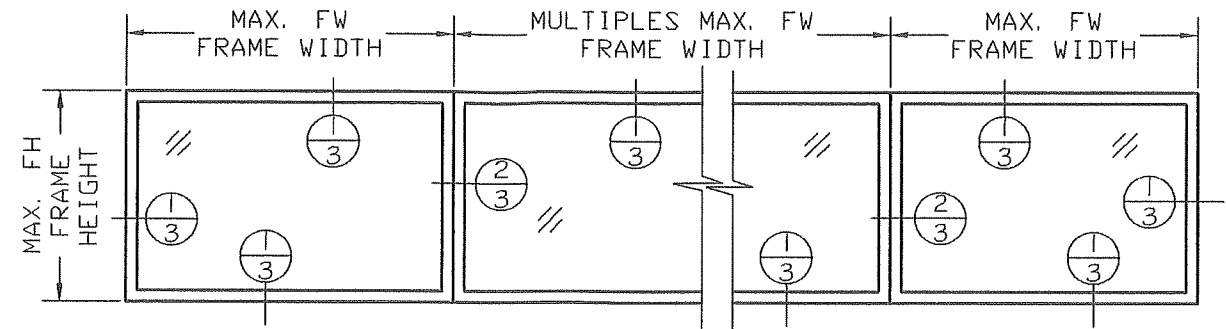
DRAWING #:  
23-200

TABLE 1  
SINGLE MODULE SELECTION TABLE



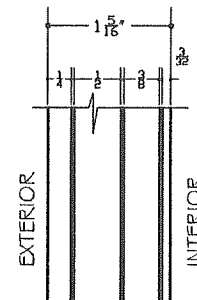
FRAME WIDTH (IN)	FRAME HEIGHT (IN)	PRESSURE RATING (PSF)
35.875	30	80
	36	80
	38	80
	40	80
	43.5	80
	46	80
49.875	30	80
	36	80
	38	80
	40	80
	43.5	80
	46	80
60	30	80
	36	80
	38	80
	40	80
	43.5	80
	46	80
72	30	80
	36	80
	38	80
	40	80
	43.5	80
	46	80
84	30	80
	36	80
	38	80
	40	80
	43.5	80
	46	80
95.5	30	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

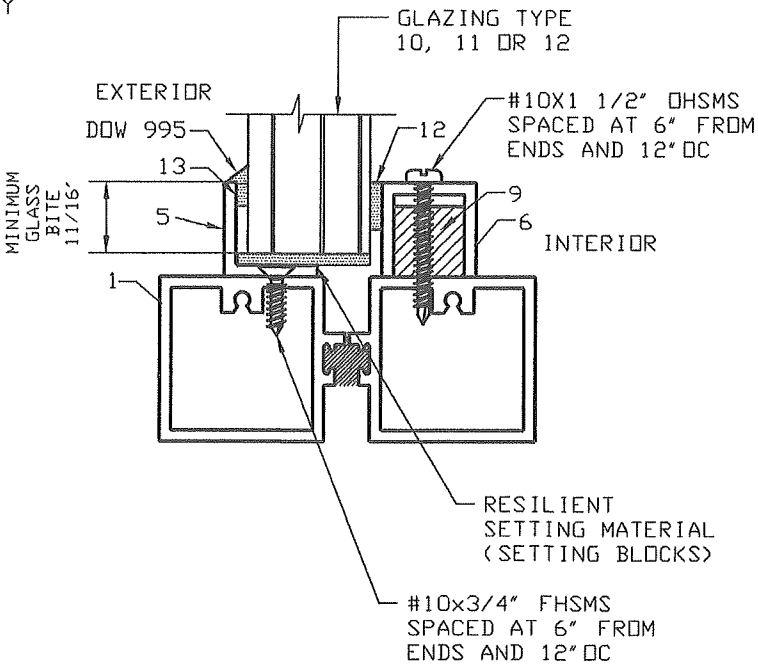
GLAZING OPTIONS AND DETAILS



10- NOMINAL 1-5/16" LEVEL 1

LAMINATED GLASS MADE OF:  
(EXTERIOR) -- 1/4 AN + 0.03 INT. + 1/2 AN+ .03 INT. +  
3/8 AN+ .03 INT. + 3/32 AN -- (INTERIOR)

(INT.) INTERLAYER: SAFLEX IIIIG PVB  
BY EASTMAN CHEMICAL COMPANY



MANUFACTURER:

**DIEBOLD**  
NIXDORF INC

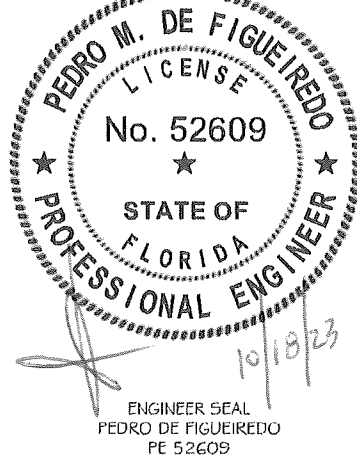
818 MULBERRY RD. SE  
CANTON, OH - 44707  
PHONE: (800) 456-1286  
FAX: (330) 489-4140

PRODUCT:

**BULLET RESISTANT  
DRIVE-UP WINDOW**  
FIXED WINDOW  
LARGE & SMALL MISSILE  
IMPACT RESISTANT

ENGINEERING:

**PPMF Inc.**  
ENGINEERING SERVICES - CA 32459  
9715 W. BROWARD BLVD. 247  
PLANTATION, FL 33324  
PPMF@AOL.COM



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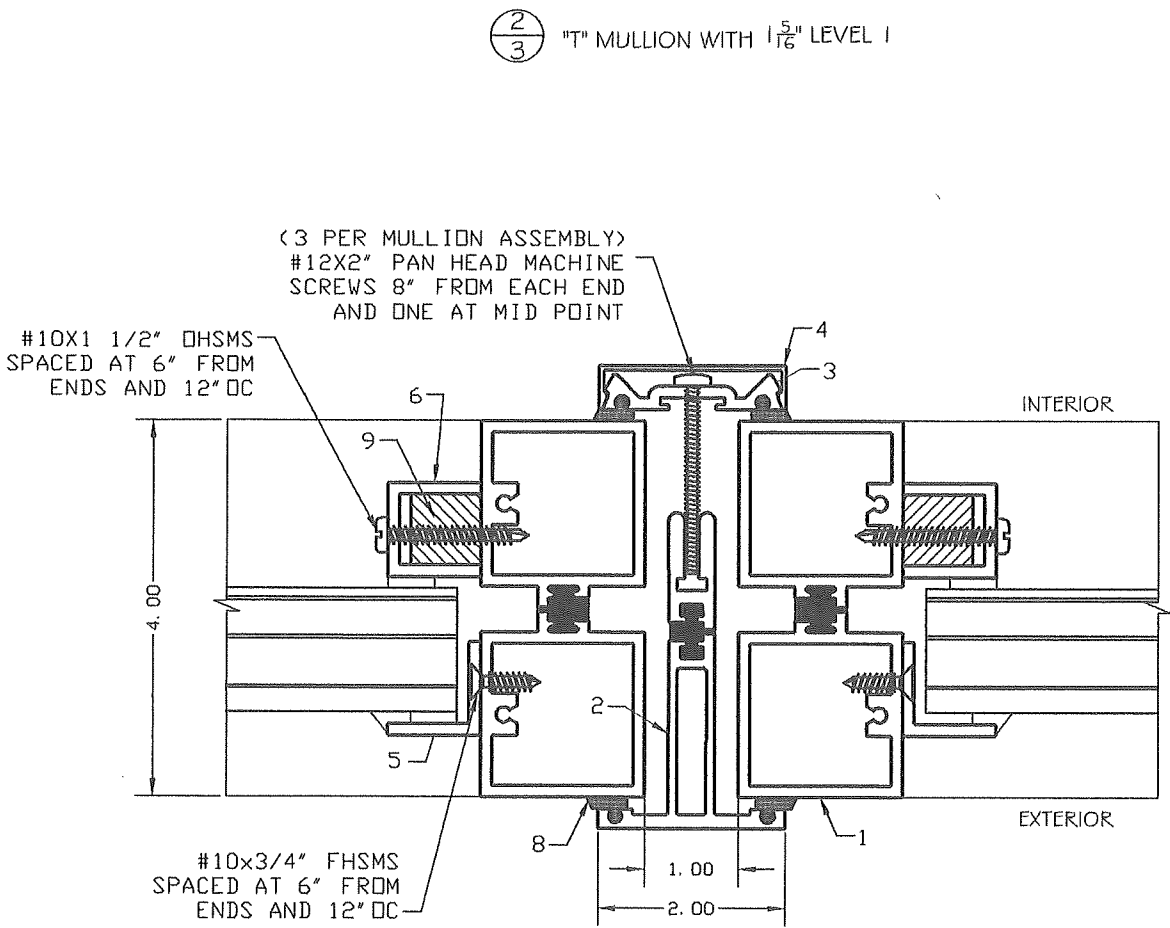
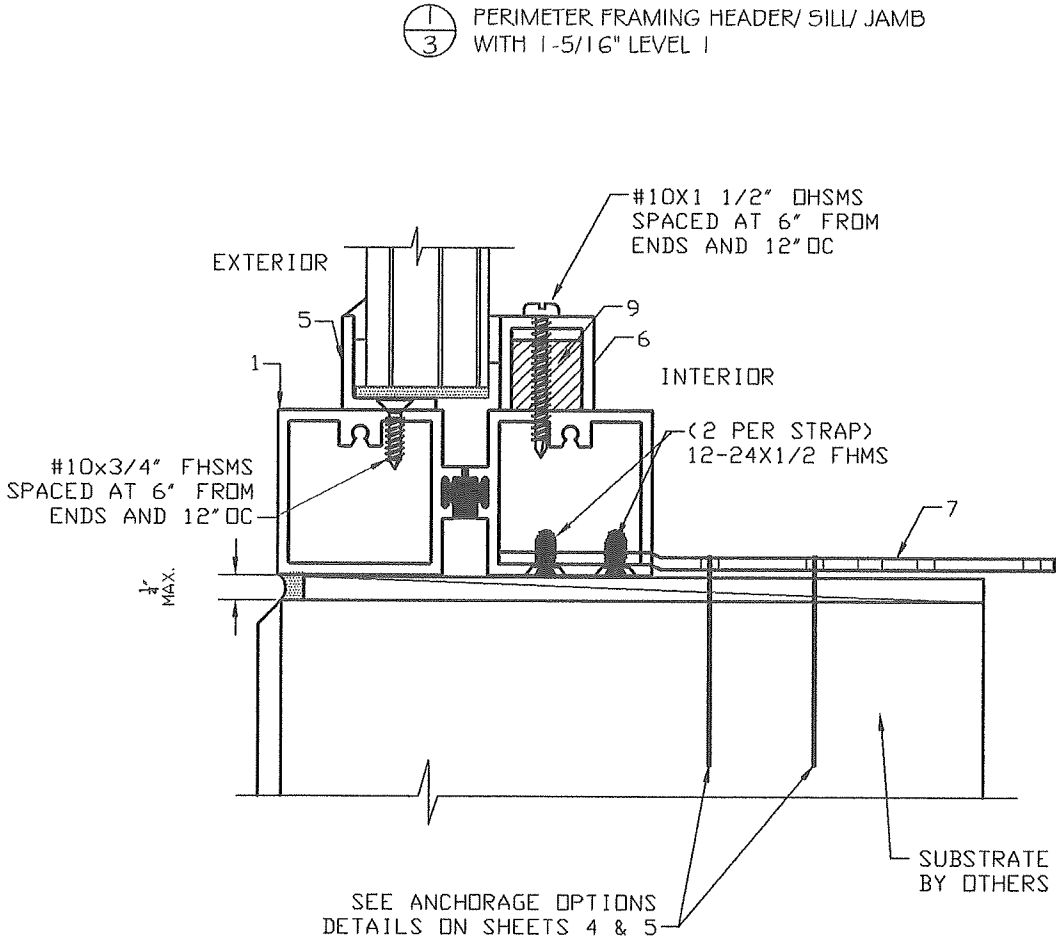
**PRODUCT REVISED**  
As complying with the Florida  
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NOA-No. **23-1215.03**  
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By: *Manuel Perez*  
Miami-Dade Product Control

DATE: 10/18/2023  
SCALE: NA  
DESIGN BY: PPMF

SHEET  
2 OF 7

DRAWING #:  
23-200

TYPICAL SECTIONS



SEALANTS

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

MANUFACTURER:

**DEBOLD**  
NIXDORF INC

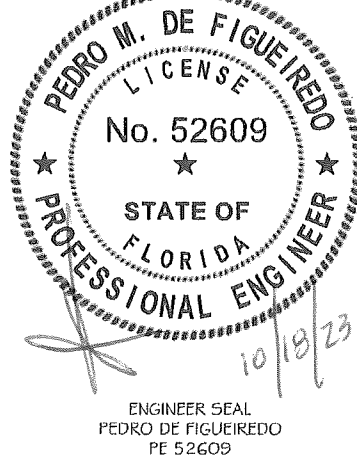
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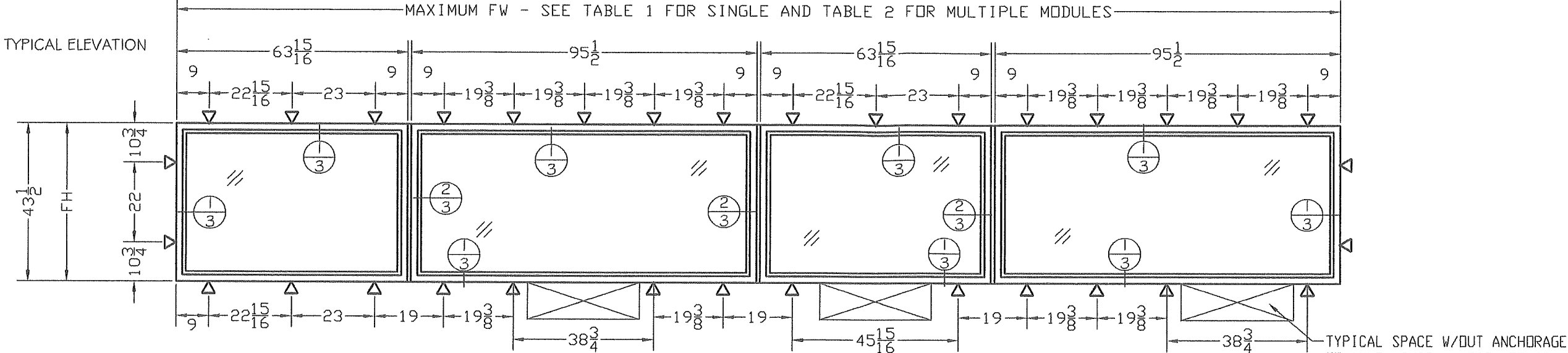
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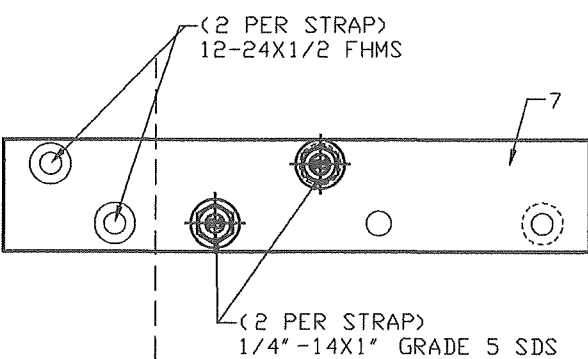
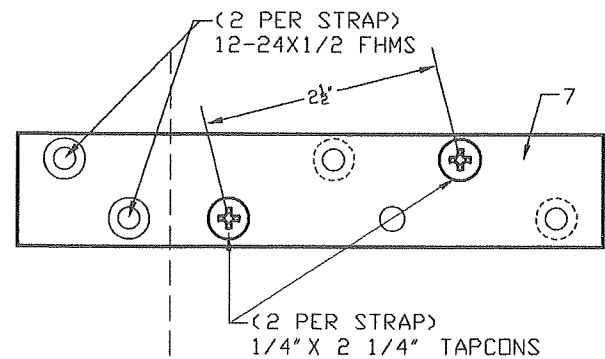
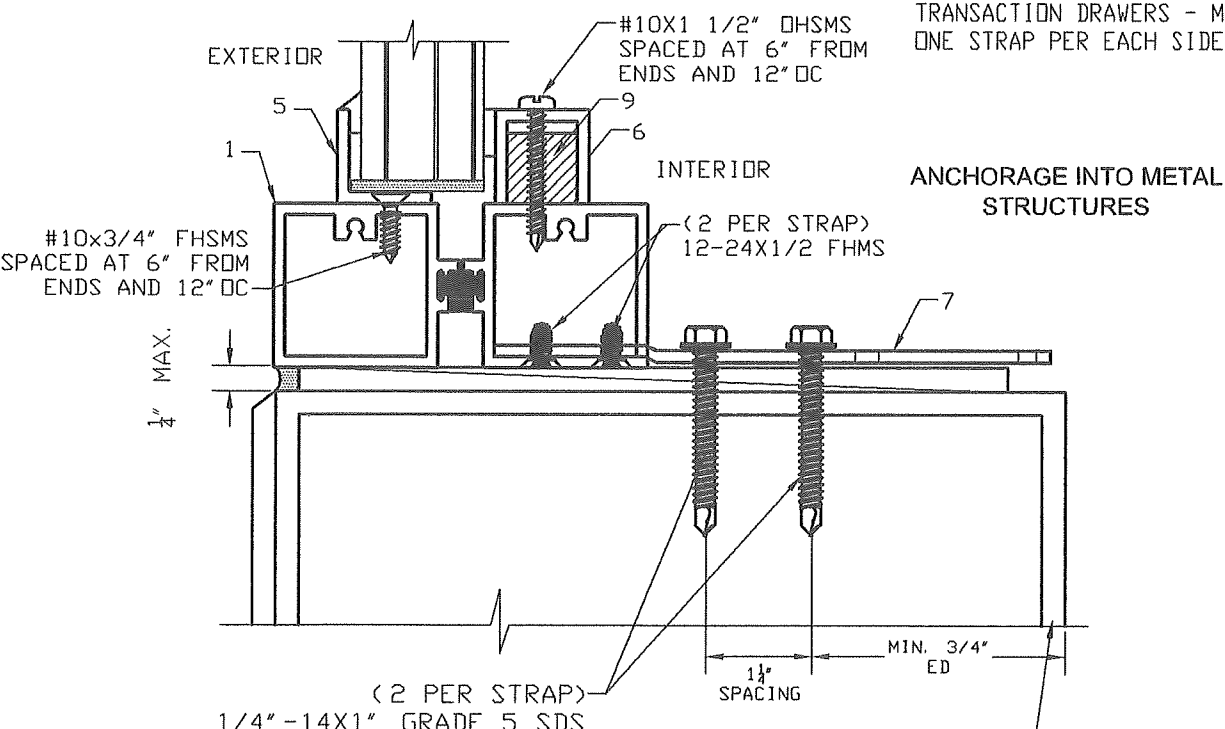
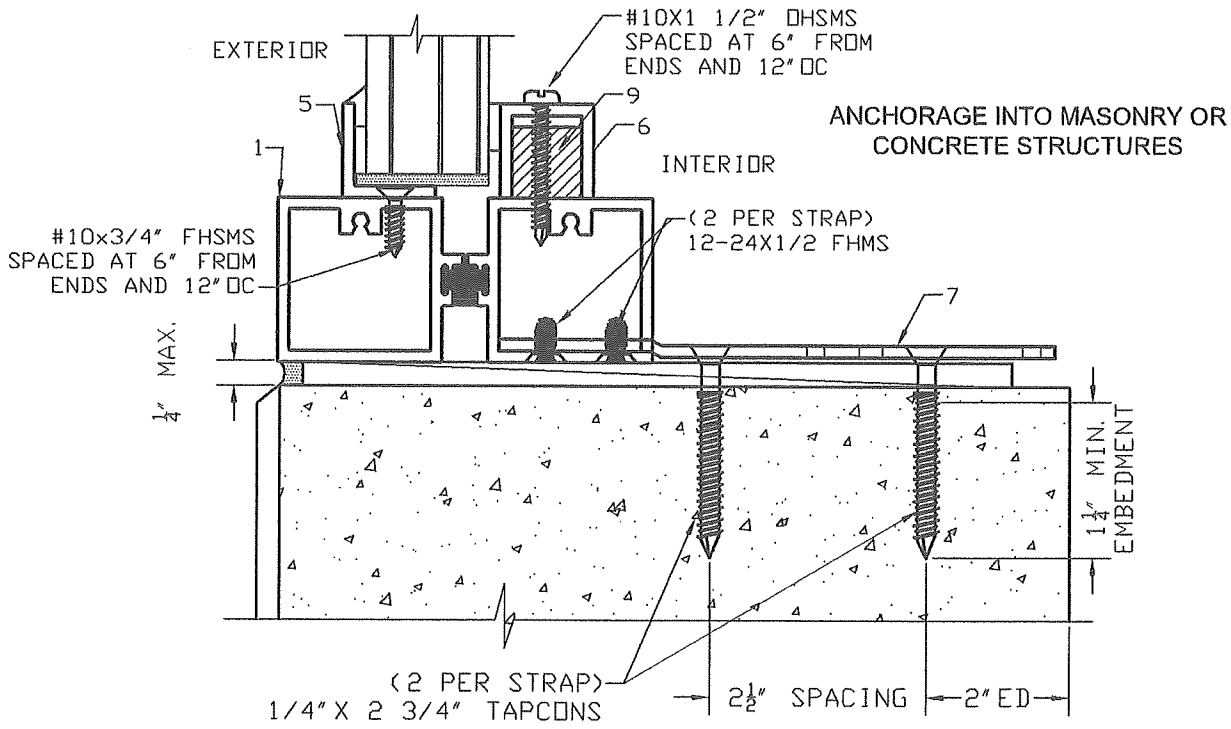
SHEET  
3 OF 7

DRAWING #:  
23-200

ANCHORAGE OPTIONS



TYPICAL SPACE W/OUT ANCHORAGE  
TO ALLOW INSTALLATION OF 32"  
TRANSACTION DRAWERS - MINIMUM  
ONE STRAP PER EACH SIDE



MANUFACTURER:



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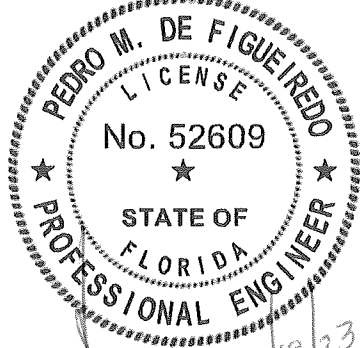
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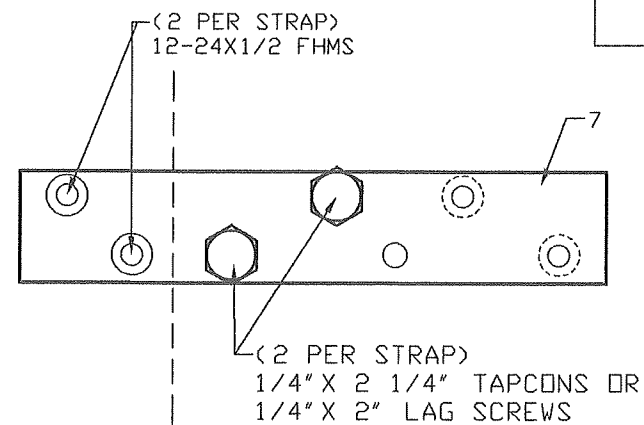
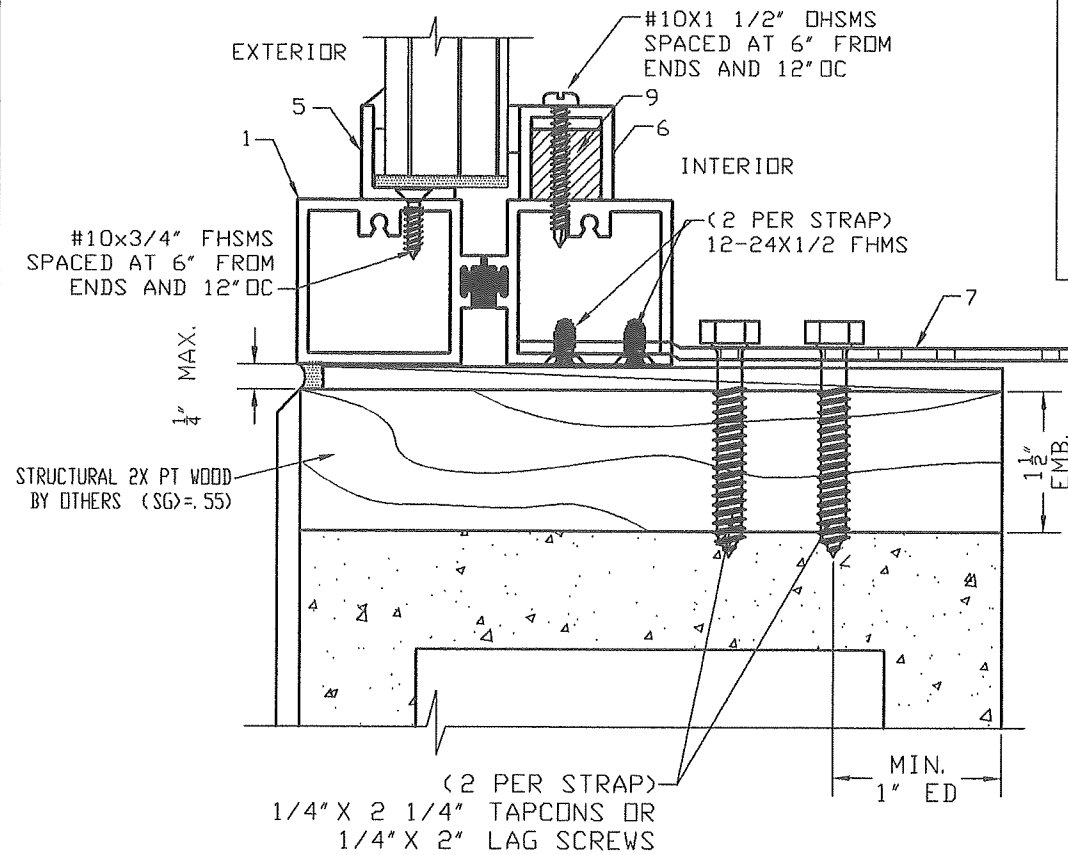
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SCALE: NA  
DESIGN BY: PPMF

SHEET  
4 OF 7

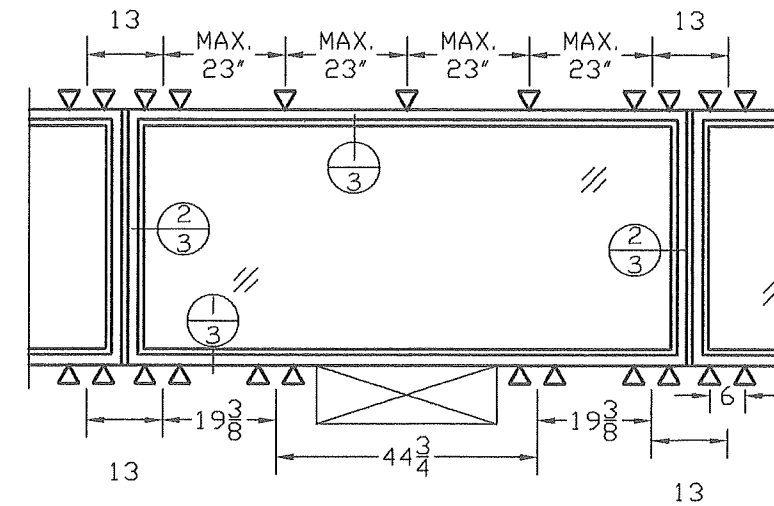
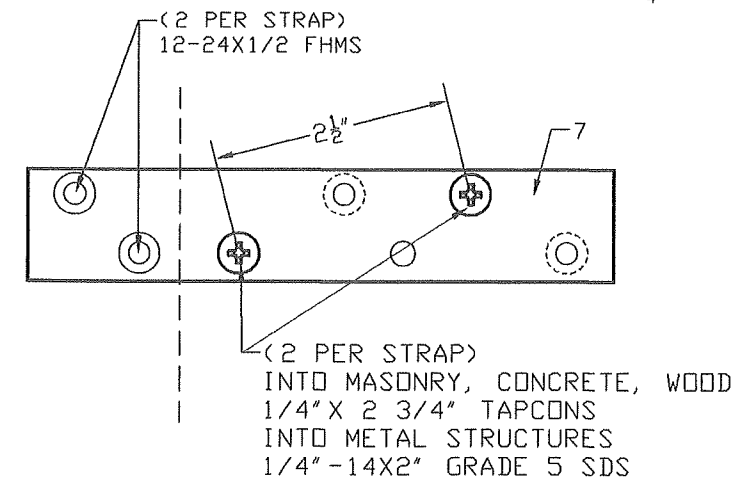
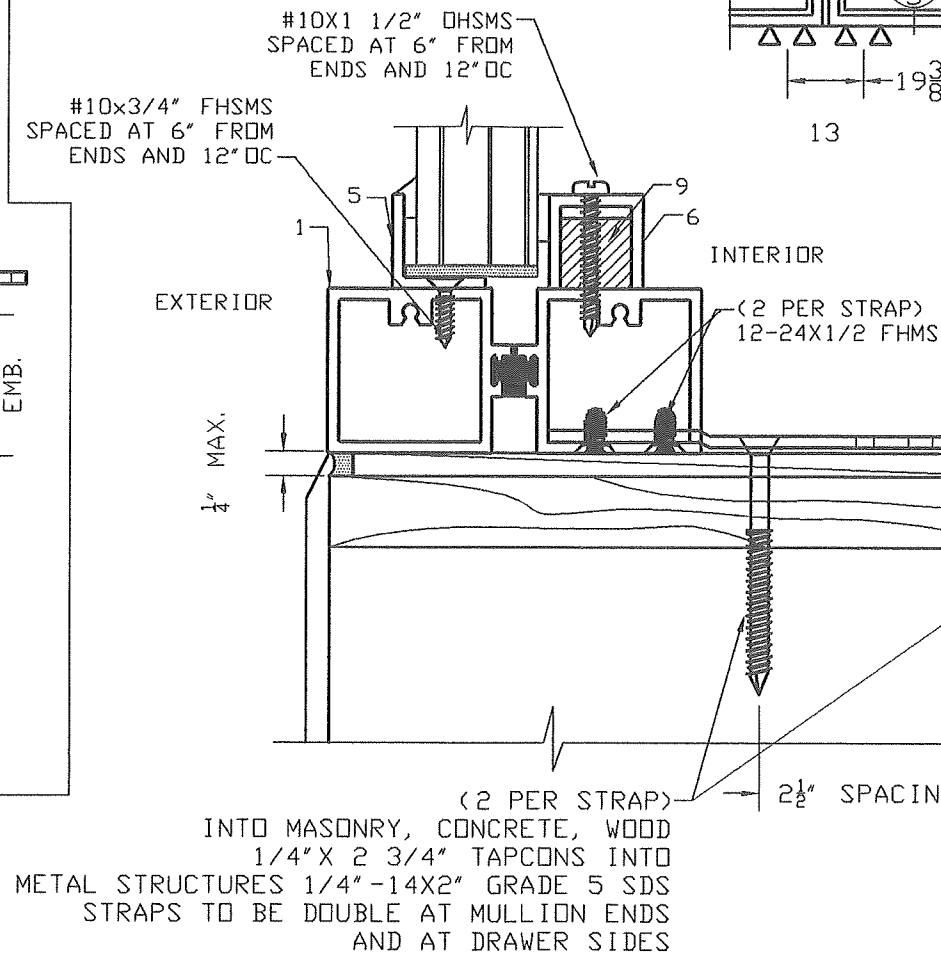
DRAWING #:  
23-200

# ANCHORAGE OPTIONS

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



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



1X WOOD BUCK

EMBEDMENT

1 1/2" INTO MASONRY

1 1/2" INTO CONCRETE

1 1/2" INTO WOOD

1/8" STEEL (A36) OR 1/8" ALUMINUM (6063-T6)

EDGE DISTANCE

1 1/2" INTO MASONRY

1 1/2" INTO CONCRETE

1" INTO WOOD

3/4" STEEL (A36) OR 3/4" ALUMINUM (6063-T6)

MANUFACTURER:

**DIEBOLD**  
NIXDORF INC

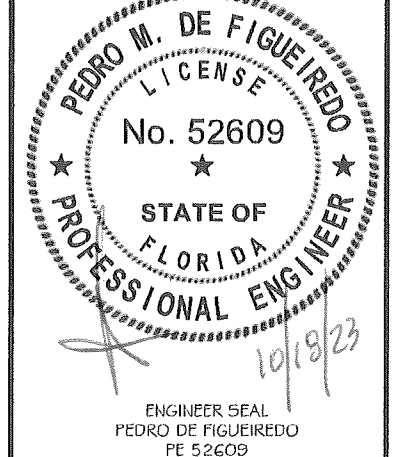
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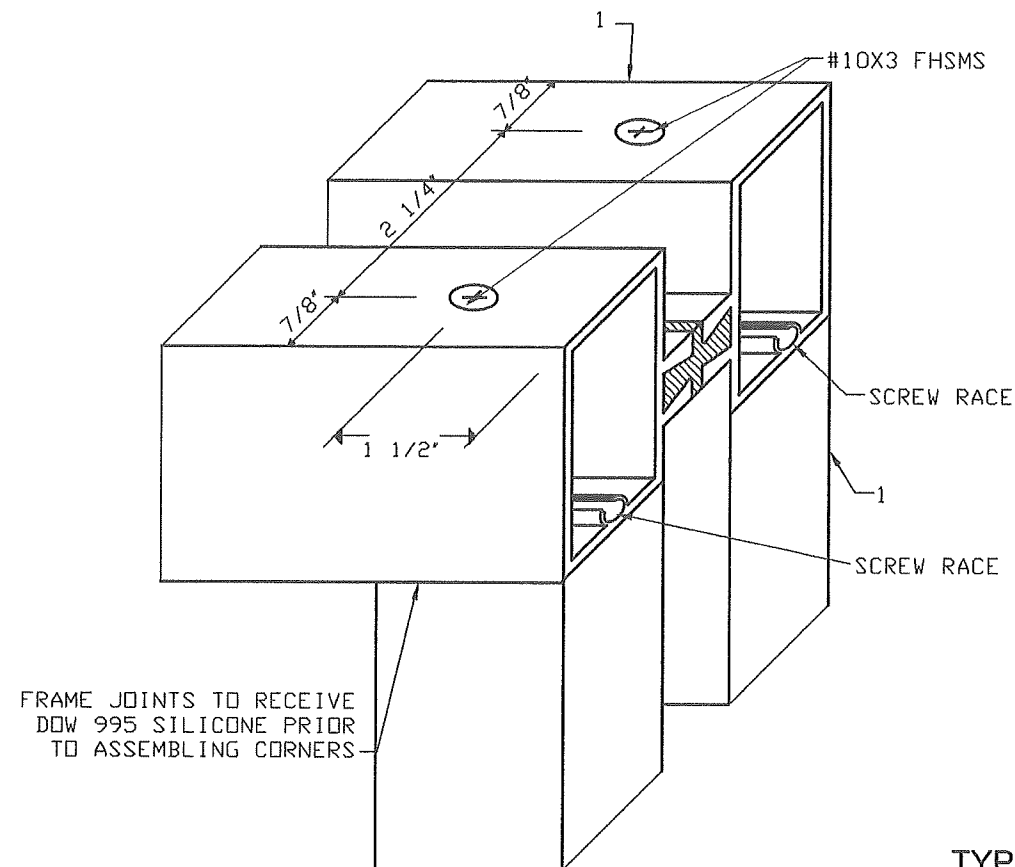
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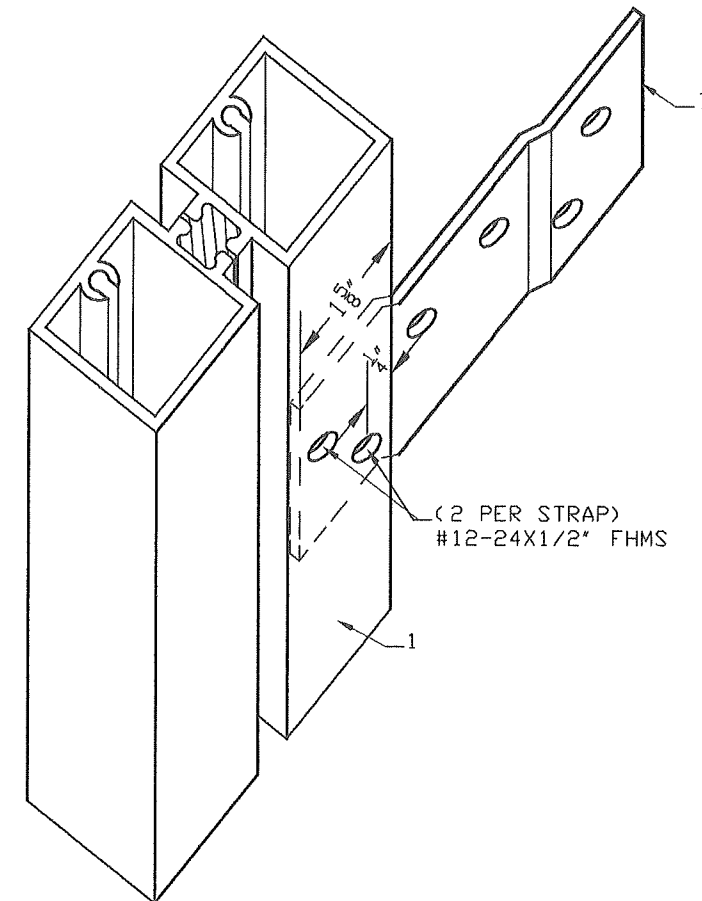
SHEET  
5 OF 7

DRAWING #:  
23-200

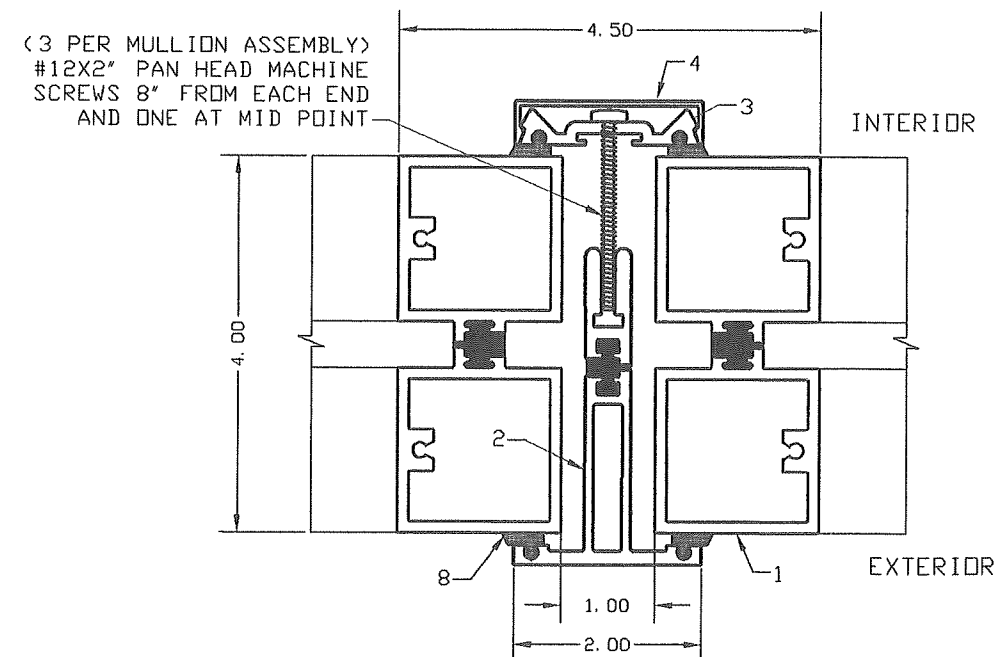
TYPICAL CORNER ASSEMBLY



STRAP ATTACHMENT



TYPICAL MULLION ASSEMBLY



MANUFACTURER:

**DIEBOLD**  
NIXDORF INC

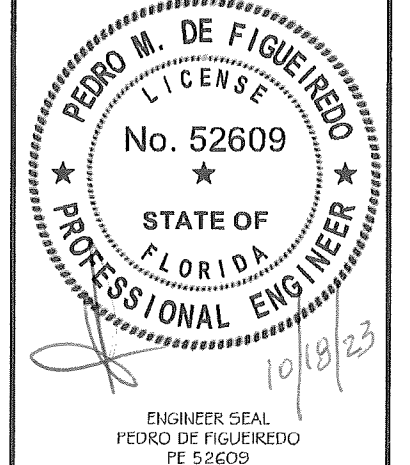
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PPMF@AOL.COM



MIAMI-DADE BCCO:

**PRODUCT REVISED**  
As complying with the Florida  
Building Code  
NOA-No. **23-1215.03**  
Expiration Date: **09/11/2028**  
By: *Manuel Perez*  
Miami-Dade Product Control

DATE: 10/18/2023  
SCALE: NA  
DESIGN BY: PPMF

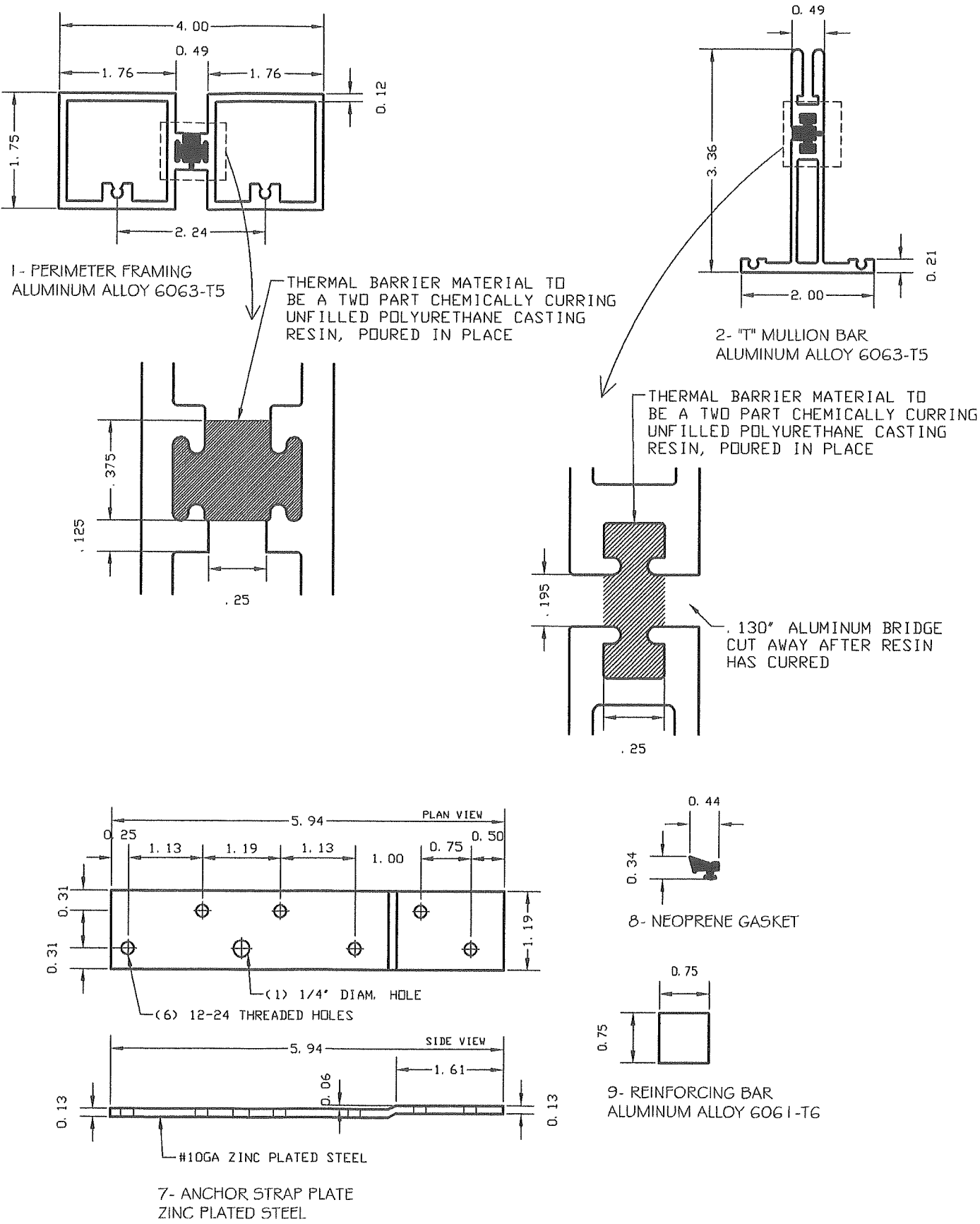
SHEET  
6 OF 7

DRAWING #:  
23-200

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	DOW 995
12	1/8X1/2 FOAM TAPE	CRL74418
13	3/16X1/2 POLYSHIM II TAPE	TREMCO

WINDOW COMPONENTS



MANUFACTURER:

**DIEBOLD**  
NIXDORF INC

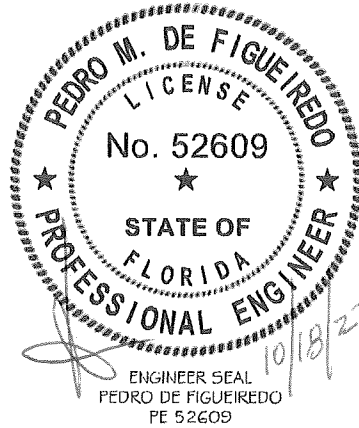
818 MULBERRY RD. SE  
CANTON, OH - 44707  
PHONE: (800) 456-1286  
FAX: (330) 489-4140

PRODUCT:

**BULLET RESISTANT  
DRIVE-UP WINDOW**  
FIXED WINDOW  
LARGE & SMALL MISSILE  
IMPACT RESISTANT

ENGINEERING:

**PPMF Inc.**  
ENGINEERING SERVICES - CA 32459  
9715 W. BROWARD BLVD. 247  
PLANTATION, FL 33324  
PPMF@AOL.COM



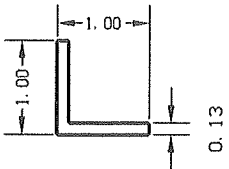
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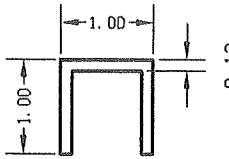
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SCALE: NA  
DESIGN BY: PPMF

SHEET  
7 OF 7

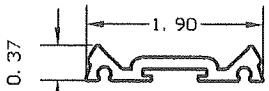
DRAWING #:  
23-200



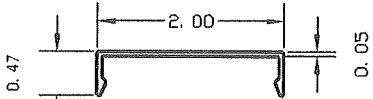
5- EXTERIOR GLAZING STOP  
1/8-1X1 ANGLE  
ALUMINUM ALLOY 6063-T5



6- INTERIOR GLAZING STOP  
1/8-1X1 CHANNEL  
ALUMINUM ALLOY 6063-T5



3- PRESSURE PLATE  
200 SERIES  
ALUMINUM ALLOY 6063-T5



4- SNAP COVER  
200 SERIES  
ALUMINUM ALLOY 6063-T5