



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

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

**Roatan Mahogany USA, Inc.**  
**4004C Aurora Street**  
**Coral Gables, FL 33146**

**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 "Roatan Euro Profile" Outswing Wood Doors - L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **23-158** (former **20-150 DR**), titled "Roatan Euro Profile Outswing Doors", sheets 1 through 9 of 9, dated 09/10/2020 and last revised on 09/04/23, prepared by PPMF Inc., signed and sealed by Pedro M. De Figueiredo, P.E., bearing the Miami-Dade County Product Control 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 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, 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 NOA #23-0516.02 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 **Ishaq I. Chanda, P.E.**



*Ishaq I. Chanda*

NOA No. 23-0928.37  
 Expiration Date: July 19, 2028  
 Approval Date: November 09, 2023  
 Page 1

**Roatan Mahogany USA, Inc.**

**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. 18-0206.06)*
2. Drawing No. **18-015 DR**, titled "Roatan Euro Profile Outswing Doors", sheets 1 through 9 of 9, dated 01/12/18, prepared by PPMF, Inc., signed and sealed by Pedro M. 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 203-94
  - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
  - 7) Drop Load Test, per FBC 1618.4.6along with marked-up drawings and installation diagram of an outswing wood casement window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-16-6910**, dated 08/09/17, signed and sealed by Idalmis Ortega, P.E. *(Submitted under NOA No. 18-0206.06)*

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with **FBC 6<sup>th</sup> Edition (2017)**, prepared by PPMF, Inc., dated 02/04/18 with revised on 05/16/18, signed and sealed by Pedro M. De Figueiredo, P.E. *(Submitted under NOA No. 18-0206.06)*
2. Glazing complies with **ASTM E1300-09/12**.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **16-0208.12** issued to Polymer Extrusion Technology, Inc. dba Glasslam for their "**Glasslam Safety-Plus II Glass Interlayer**" dated 06/16/16, expiring on 08/07/18.

**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC 6<sup>th</sup> Edition (2017)**, and of no financial interest, dated February 02, 2018, issued by PPMF Inc., signed and sealed by Pedro M. De Figueiredo, P.E.

**G. OTHER**

1. None.

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 23-0928.37**  
**Expiration Date: July 19, 2028**  
**Approval Date: November 09, 2023**

**Roatan Mahogany USA, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**2. EVIDENCE SUBMITTED under previous approval**

**A. DRAWINGS**

1. Drawing No. **20-150 DR**, titled “Roatan Euro Profile Outswing Doors”, sheets 1 through 9 of 9, dated 09/10/20, prepared by PPMF Inc., signed and sealed by Pedro M. 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. None.

**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC 7<sup>th</sup> Edition (2020)**, and of no financial interest, dated 09/10/2020, issued by PPMF Inc., signed and sealed by Pedro M. De Figueiredo, P.E.

**G. OTHERS**

1. This NOA revises NOA #18-0206.06, expiring on 07/19/2023.

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 23-0928.37**  
**Expiration Date: July 19, 2028**  
**Approval Date: November 09, 2023**

**Roatan Mahogany USA, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**3. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **20-150 DR**, titled “Roatan Euro Profile Outswing Doors”, sheets 1 through 9 of 9, dated 09/10/20, prepared by PPMF Inc., signed and sealed by Pedro M. 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. **22-0217.04** issued to Polymer Extrusion Technology, Inc. dba Glasslam for their “**Glasslam Safety-Plus II Glass Interlayer**”, expiring on 08/07/23.

**F. STATEMENTS (submitted under NOA #18-0206.06)**

1. Statement letter of conformance, complying with **FBC 7<sup>th</sup> Edition (2020)**, and of no financial interest, dated 09/10/2020, issued by PPMF Inc., signed and sealed by Pedro M. De Figueiredo, P.E.
2. Manufacturer statement of “No Product change” and request for renewal, signed by Robert De Leon, president, Roatan Mahogany USA, Inc.

**G. OTHERS**

1. This NOA **renews NOA#20-1013.14**, expiring on 07/19/2028.

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 23-0928.37**  
**Expiration Date: July 19, 2028**  
**Approval Date: November 09, 2023**

**Roatan Mahogany USA, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**4. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **20-150 DR**, titled “Roatan Euro Profile Outswing Doors”, sheets 1 through 9 of 9, dated 09/10/20, prepared by PPMF Inc., signed and sealed by Pedro M. 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. **23-0523.01** issued to **Polymer Extrusion Technology, Inc.** dba Glasslam for their “**Glasslam Safety-Plus II Glass Interlayer**”, expiring on 08/07/28.

**F. STATEMENTS (submitted under NOA #18-0206.06)**

1. Statement letter of conformance, complying with **FBC 8<sup>th</sup> Edition (2023)**, prepared by PPMF Inc., dated 09/04/23, signed and sealed by Pedro M. De Figueiredo, P.E.
2. Statement letter of no changes other than minor code and standard updates, prepared by PPMF Inc., dated 09/04/23, signed and sealed by Pedro M. De Figueiredo, P.E.

**G. OTHERS**

1. This NOA revises **NOA #23-0516.02**, expiring on 07/19/2028.

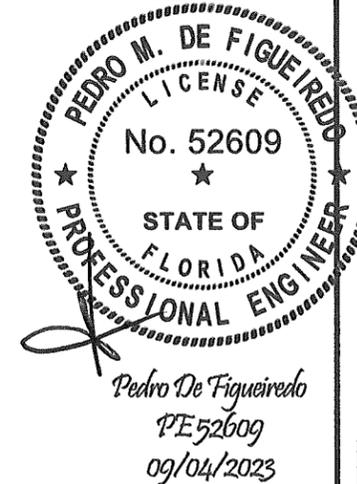
*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 23-0928.37**  
**Expiration Date: July 19, 2028**  
**Approval Date: November 09, 2023**

# ROATAN EURO PROFILE

## ROATAN SWIETENIA SERIES - EUROPEAN SMALL PROFILE OUTSWING DOORS



ENGINEERING SERVICES - CA 32459  
9715 W. BROWARD BLVD.  
PLANTATION, FL 33324  
PPMIF@AOL.COM  
ENGINEER SEAL  
PEDRO DE FIGUEIREDO  
PE 52609



**GENERAL NOTES:**  
FLORIDA BUILDING CODE 2023 - 8th EDITION  
HIGH VELOCITY HURRICANE ZONES - HVHZ  
LARGE & SMALL MISSILE IMPACT RATED

- 1- DEFINITION: THIS PRODUCT IS AN OUTSWING MAHOGANY DOOR; DESIGNED, CONSTRUCTED AND ERECTED TO ENCLOSE AN AREA, PROVIDING PROTECTION FROM HURRICANE FORCE WINDS WITHIN THE ALLOWABLE DESIGNED PRESSURES AND LIMITATIONS STATED IN THIS APPROVAL.
- 2- CODE: THIS PRODUCT HAS BEEN TESTED AND DESIGNED IN ACCORDANCE WITH THE FBC 2023 - 8th, HIGH VELOCITY HURRICANE ZONES (HVHZ).
- 3- POSTING: A PERMANENT LEGIBLE DECAL SHALL BE PLACED AT A READILY VISIBLE LOCATION STATING THE FOLLOWING:  
  
"ROATAN MAHOGANY USA, INC.- MIAMI - FLORIDA  
LARGE MISSILE IMPACT RESISTANT  
ROATAN EURO PROFILE SERIES OUTSWING DOOR  
MIAMI-DADE COUNTY PRODUCT 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 HERE IN SPECIFIED. THE DESIGN PRESSURES, AS DETERMINED FROM ASCE 7-22, ARE TO BE MULTIPLE BY 0.6.
- 5- MATERIAL: ALL WOOD MATERIAL TO BE FABRICATED FROM KILN DRIED MAHOGANY.
- 6- FASTENERS: ASSEMBLY SCREWS AND ANCHORS SHALL BE AS SPECIFIED IN THE CURRENT SET OF DRAWINGS. INSTALLATION AND LOADS AS PER 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 DOOR IS TO BE ATTACHED INSURING PROPER ANCHORAGE.
  - 7.2- THE SITE SPECIFIC PROJECT CRITERIA, SUCH AS BUT NOT LIMITED TO, WINDLOADS, LOCAL CODE REQUIREMENTS, DESIGNED PRESSURES ETC.
  - 7.3- THAT THIS APPROVAL IS ADEQUATE TO THE SPECIFIC PROJECT.

TEST REPORT: 16-6910 GENERAL NOTES: LABORATORY: FENESTRATION TESTING LABORATORY, INC	
<p><b>SAMPLE A1:</b> 164 3/4" X 98 1/8", CONFIGURATION: O-XX-O 35 3/4" X 96" INACTIVE PANEL 36 1/2" X 96" ACTIVE PANEL ASTM E283, WATER RESISTANCE: 10.5 PSF FORCED ENTRY TAS 202 - (+70,-60 PSF) TAS 201 - LMI TAS 203 - (+70,-60 PSF)</p>	<p><b>SAMPLE C1:</b> 75 7/8" X 98 3/4", CONFIGURATION: XX 37" X 96" INACTIVE PANEL 36" X 96" ACTIVE PANEL ASTM E283, WATER RESISTANCE: 10.5 PSF FORCED ENTRY TAS 202 - (+70,-60 PSF) TAS 201 - LMI TAS 203 - (+70,-70 PSF)</p>
<p><b>SAMPLE B1:</b> 75 5/8" X 97 5/8", CONFIGURATION: XX 37" X 96" INACTIVE PANEL 34 1/4" X 96" ACTIVE PANEL ASTM E283 - FORCED ENTRY TAS 202 - (+75,-70 PSF) TAS 201 - LMI TAS 203 - (+75,-70 PSF)</p>	<p><b>SAMPLE D1:</b> 134" X 98 1/2", CONFIGURATION: XOX 37" X 96" INACTIVE PANEL 42" X 96" ACTIVE PANEL ASTM E283, WATER RESISTANCE: 11.25 PSF FORCED ENTRY TAS 202 - (+75,-75 PSF) TAS 201 - LMI TAS 203 - (+75,-75 PSF)</p>

<b>DESIGNED PRESSURE RATING</b> Pd= +70, -60 PSF
MAXIMUM FRAME SIZES: SEE ELEVATIONS ON SHEETS 2, 3 AND 4
MAXIMUM CLADDING SIZES: SEE ELEVATIONS ON SHEETS 2, 3 AND 4
<b>LEGEND</b> FH - FRAME HEIGHT FW - FRAME WIDTH COW - CLEAR OPENING WIDTH COH - CLEAR OPENING HEIGHT DLOW- DAY LIGHT OPENING WIDTH DLOH- DAY LIGHT OPENING HEIGHT PNLH - SLAB PANEL HEIGHT PNLW - SLAB PANEL WIDTH

<b>WOOD TYPE:</b> VERNACULAR NAME: TRUE MAHOGANY OR SIMILAR SCIENTIFIC NAME: SWIETENIA MACROPHYLLA G. KING FAMILY: MELIACEAE MINIMUM SPECIFIC GRAVITY: SG= 0.45
<b>GLASS TYPE:</b> 9/16" AND 1 1/16" IG LAMINATED IMPACT GLASS SAFETY-PLUS II INTERLAYER AS PER CURRENT NOA SEE SHEET 8 FOR MORE DETAILS

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5 OF 9	ANCHORAGE DETAILS AND ANCHORS SPECIFICATIONS
6 OF 9	TYPICAL CROSS SECTIONS
7 OF 9	MODEL OPTIONS & ASSEMBLY DETAILS
8 OF 9	BILL OF MATERIALS AND GLAZING OPTIONS
9 OF 9	PRODUCT COMPONENTS

PRODUCT CATEGORY: OUTSWING DOORS  
 PRODUCT MATERIAL: WOOD / GLASS  
 IMPACT RATING: LARGE & SMALL MISSILE  
**ROATAN EURO PROFILE**  
 OUTSWING DOORS

MANUFACTURER:  
**ROATAN**  
 MAHOGANY USA INC.  
 7005 N. WATERWAY DR. 302  
 MIAMI FLORIDA 33155

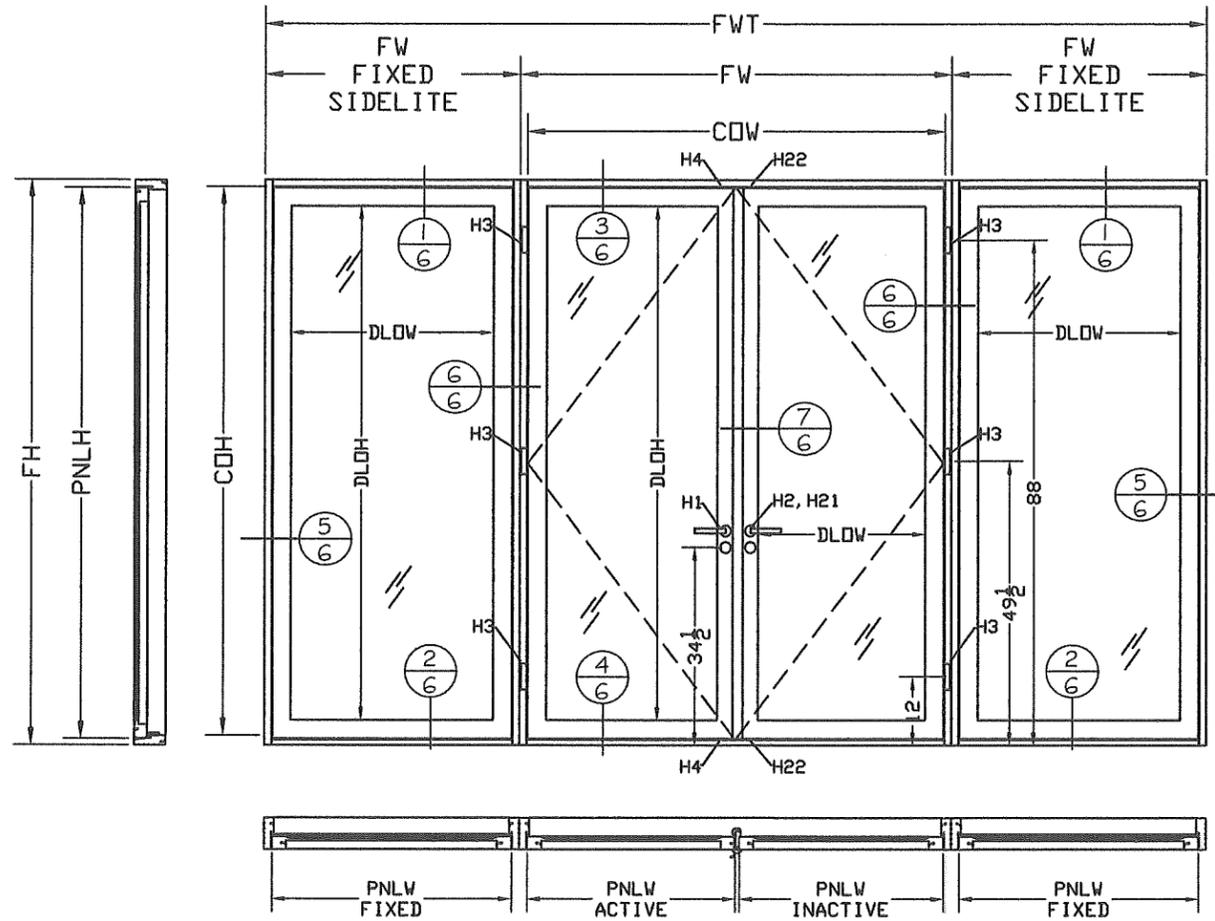
**MIAMI-DADE BCCO:**

**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 23-0928.37  
Expiration Date 07/19/2028

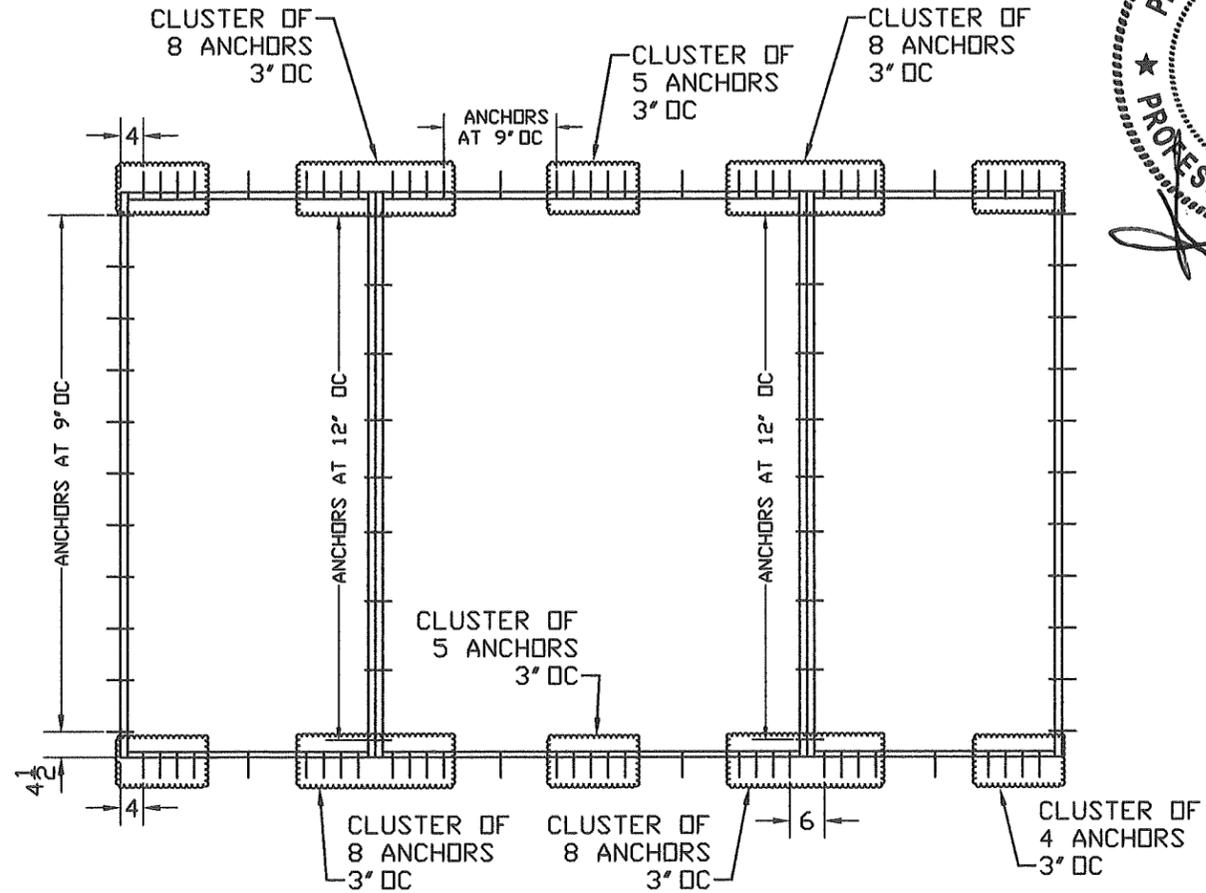
By Ishag I. Chank  
**Miami-Dade Product Control**

SCALE:  
NA  
 DATE:  
09/04/2023  
 DRAWING #  
23-154  
 SHEET  
1 OF 9

MODEL A I - TYPICAL ELEVATIONS AND ANCHORAGE LAY-OUT



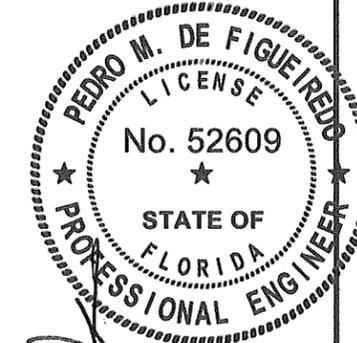
LOCK WITH MINIMUM 7/16" ENGAGEMENT TO HEADER & SILL



<p>FRAME &amp; SLAB MAXIMUM SIZES:</p> <p>FWT X FH = 164 3/4" X 98 1/8"</p> <p>FW SIDELITE = 44 5/8"</p> <p>FW OPERABLE = 75 1/2"</p> <p>PNLW X PNLH = 42" X 96" FIXED</p> <p>PNLW X PNLH = 36" X 96" ACTIVE</p> <p>PNLW X PNLH = 36" X 96" INACTIVE</p> <p>COW X COH = 71 1/2" X 93 7/8"</p>	<p>MAXIMUM GLAZING DLO</p> <p>FIXED PANELS:</p> <p>1 1/16" IG GLAZING: 35 1/2" X 89 1/2"</p> <p>9/16" GLAZING: 35 1/2" X 89 1/2"</p> <p>OPERABLE PANELS:</p> <p>1 1/16" IG GLAZING: 29 3/8" X 89 1/2"</p> <p>9/16" GLAZING: 29 3/8" X 89 1/2"</p>
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LEGEND

FWT - FRAME TOTAL WIDTH, FH - FRAME HEIGHT, FW - FRAME WIDTH  
 COW - CLEAR OPENING WIDTH, COH - CLEAR OPENING HEIGHT  
 DLOW - DAY LIGHT OPENING WIDTH, DLOH - DAY LIGHT OPENING HEIGHT  
 PNLH - SLAB PANEL HEIGHT, PNLW - SLAB PANEL WIDTH



Pedro De Figueiredo  
 PE 52609  
 09/04/2023

ENGINEERING SERVICES - CA 32459  
 9715 W. BROWARD BLVD.  
 PLANTATION, FL 33324  
 ENGINEER SEAL  
 PEDRO DE FIGUEIREDO  
 PE 52609

PRODUCT CATEGORY: OUTSWING DOORS  
 PRODUCT MATERIAL: WOOD / GLASS  
 IMPACT RATING: LARGE & SMALL MISSILE

**ROATAN EURO PROFILE**  
 OUTSWING DOORS

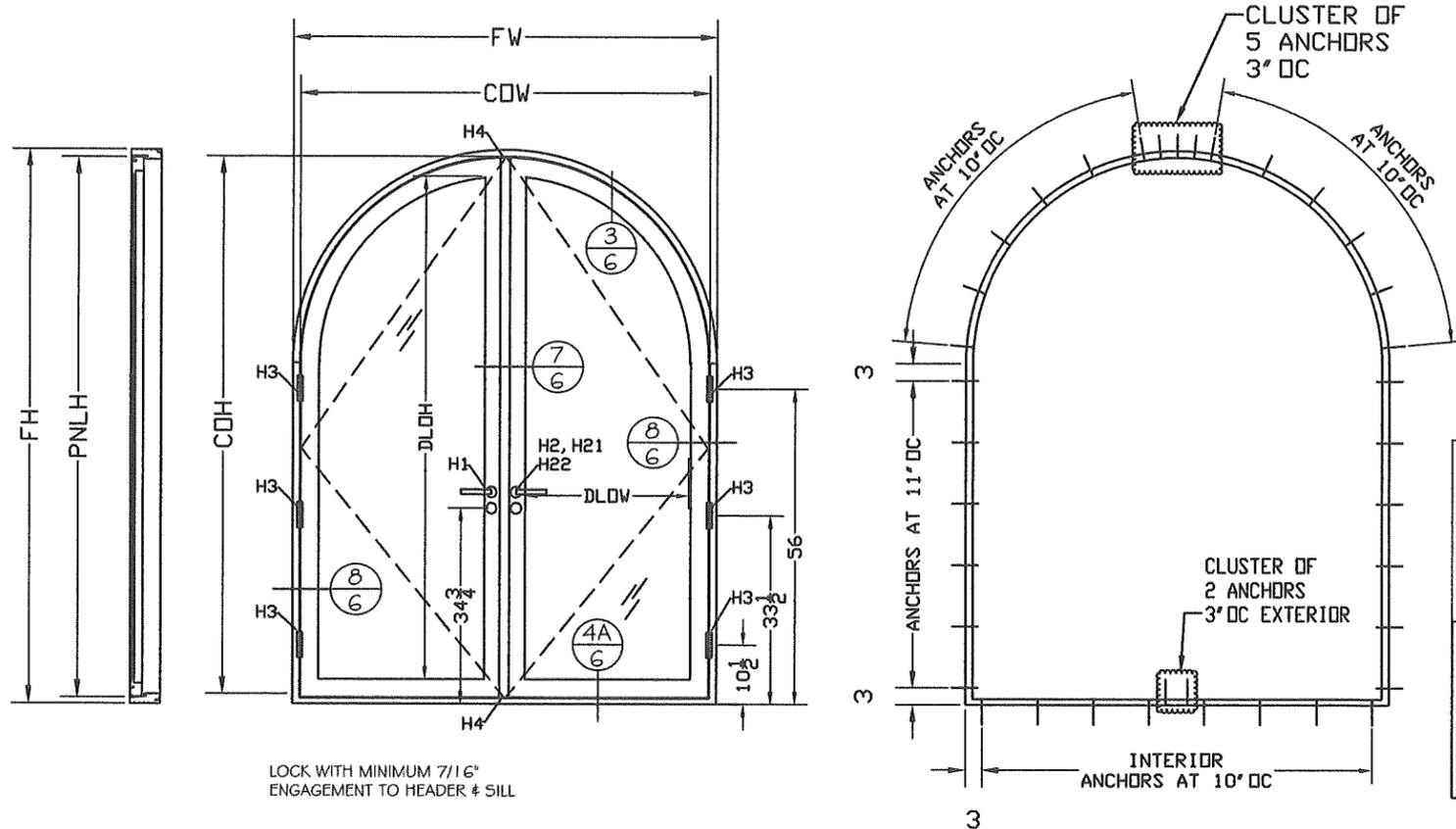
MANUFACTURER:  
**ROATAN**  
 MAHOGANY USA INC.  
 7005 N. WATERWAY DR. 302  
 MIAMI FLORIDA 33155

MIAMI-DADE BCCO:

**PRODUCT REVISED**  
 as complying with the Florida Building Code  
 NOA-No. 23-0928.37  
 Expiration Date 07/19/2028  
 By Ishaq I. Chank  
 Miami-Dade Product Control

SCALE: NA  
 DATE: 09/04/2023  
 DRAWING # 23-154  
 SHEET 2 OF 9

MODEL B I - TYPICAL ELEVATIONS AND ANCHORAGE LAY-OUT



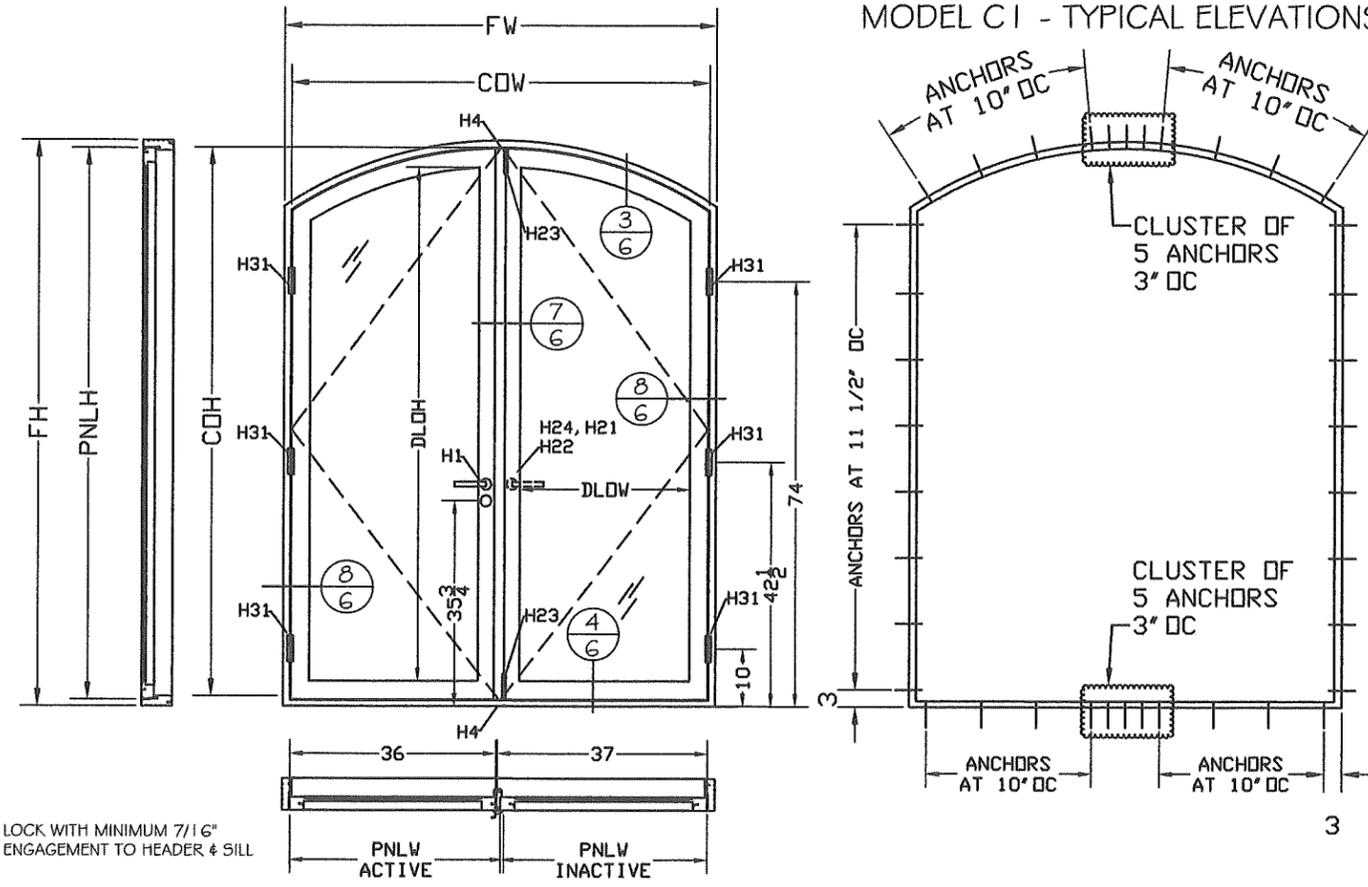
<b>FRAME &amp; SLAB MAXIMUM SIZES:</b> FW X FH = 75 5/8" X 97 5/8" PNLW X PNLH = 36" X 96" ACTIVE PNLW X PNLH = 36 3/8" X 96" INACTIVE  COW X COH = 71 3/8" X 93 3/8"	<b>MAXIMUM GLAZING DLO</b>  <b>OPERABLE PANELS:</b> 1 1/16" IG GLAZING: 29 1/2" X 89 1/4" 9/16" GLAZING: 29 1/2" X 89 1/4"
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**LEGEND**

FH - FRAME HEIGHT, FW - FRAME WIDTH  
 COW - CLEAR OPENING WIDTH, COH - CLEAR OPENING HEIGHT  
 DLOW- DAY LIGHT OPENING WIDTH, DLOH- DAY LIGHT OPENING HEIGHT  
 PNLH - SLAB PANEL HEIGHT, PNLW - SLAB PANEL WIDTH

LOCK WITH MINIMUM 7/16" ENGAGEMENT TO HEADER & SILL

MODEL C I - TYPICAL ELEVATIONS AND ANCHORAGE LAY-OUT

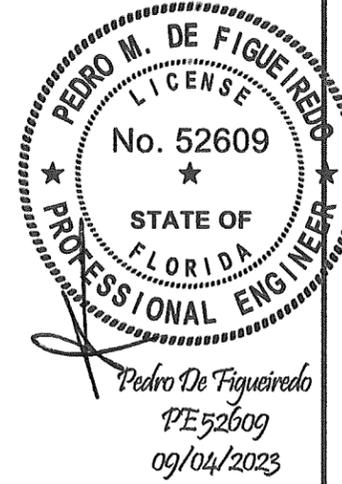


<b>FRAME &amp; SLAB MAXIMUM SIZES:</b> FW X FH = 75 5/8" X 98 3/4" PNLW X PNLH = 36" X 96" ACTIVE PNLW X PNLH = 36 3/8" X 96" INACTIVE  COW X COH = 71 3/8" X 94 1/2"	<b>MAXIMUM GLAZING DLO</b>  <b>OPERABLE PANELS:</b> 1 1/16" IG GLAZING: 29 5/8" X 89 3/8" 9/16" GLAZING: 29 5/8" X 89 3/8"
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**LEGEND**

FH - FRAME HEIGHT, FW - FRAME WIDTH  
 COW - CLEAR OPENING WIDTH, COH - CLEAR OPENING HEIGHT  
 DLOW- DAY LIGHT OPENING WIDTH, DLOH- DAY LIGHT OPENING HEIGHT  
 PNLH - SLAB PANEL HEIGHT, PNLW - SLAB PANEL WIDTH

LOCK WITH MINIMUM 7/16" ENGAGEMENT TO HEADER & SILL



ENGINEERING SERVICES - CA 32459  
 9715 W. BROWARD BLVD.  
 PLANTATION, FL 33324  
 ENGINEER SEAL  
 PEDRO DE FIGUEIREDO  
 PPMF@AOL.COM  
 PE 52609

PRODUCT CATEGORY: OUTSWING DOORS  
 PRODUCT MATERIAL: WOOD / GLASS  
 IMPACT RATING: LARGE & SMALL MISSILE

**ROATAN EURO PROFILE**  
 OUTSWING DOORS

MIAMI-DADE BCCO:

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

NOA-No. 23-0928.37

Expiration Date 07/19/2028

By Ishaq I. Chank  
 Miami-Dade Product Control

MANUFACTURER:  
**ROATAN**  
 MAHOGANY USA INC.  
 7005 N. WATERWAY DR. 302  
 MIAMI FLORIDA 33155

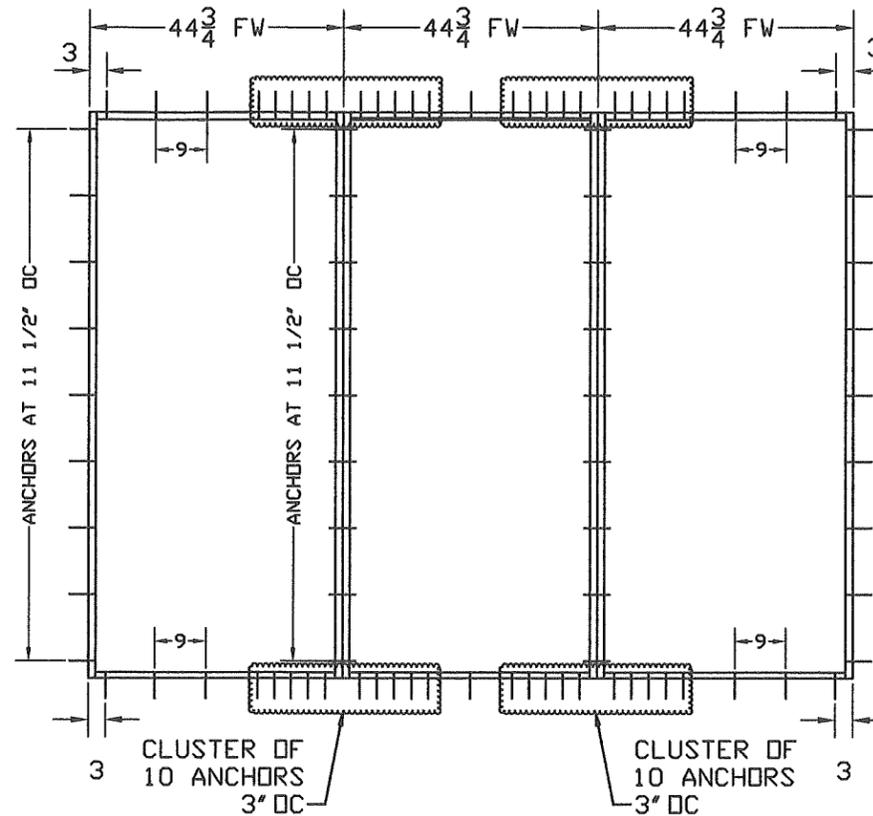
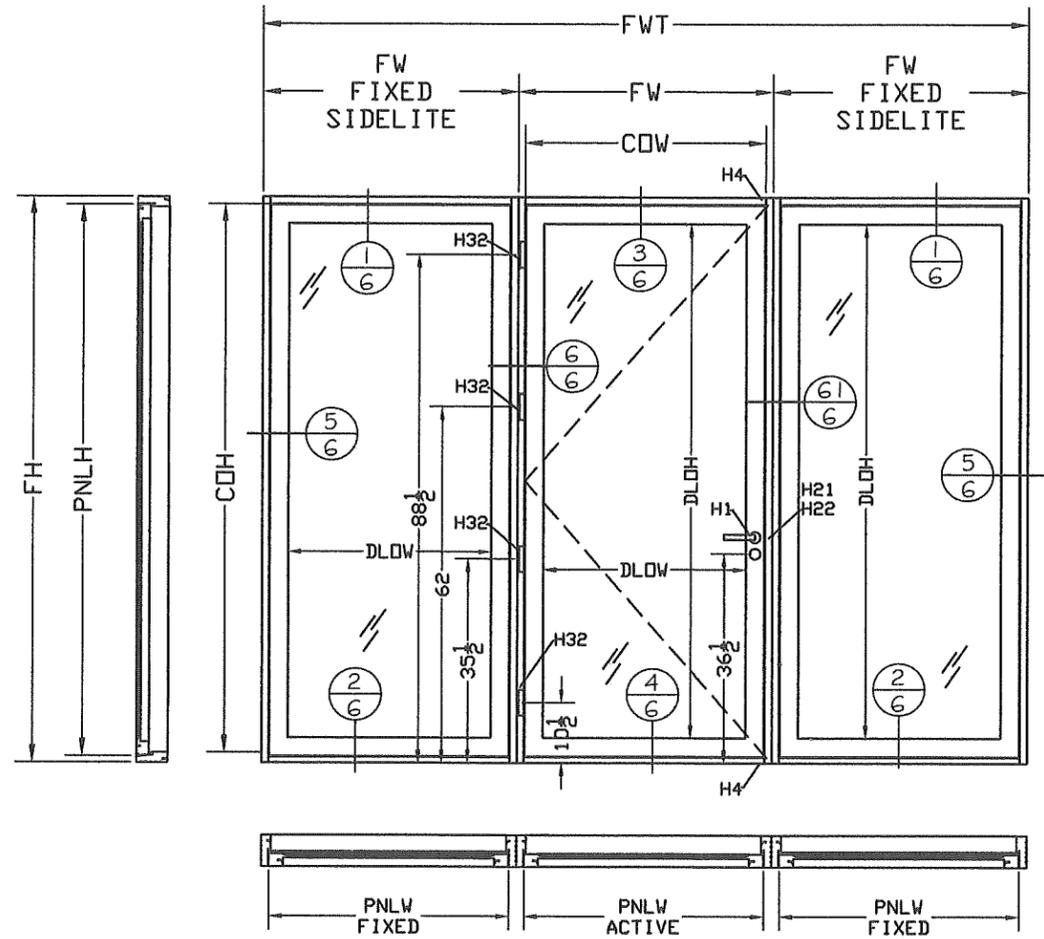
SCALE:  
 NA

DATE:  
 09/04/2023

DRAWING #  
 23-154

SHEET  
 3 OF 9

MODEL D1 - TYPICAL ELEVATIONS AND ANCHORAGE LAY-OUT



LOCK WITH MINIMUM 7/16" ENGAGEMENT TO HEADER & SILL

<p>FRAME &amp; SLAB MAXIMUM SIZES:</p> <p>FWT X FH = 134" X 98 1/2"</p> <p>FW SIDELITE = 44 5/8"</p> <p>FW OPERABLE = 44 5/8"</p> <p>PNLW X PNLH = 42" X 96" FIXED</p> <p>PNLW X PNLH = 42" X 96" ACTIVE</p> <p>COW X COH = 40 3/8" X 94 1/4"</p>	<p>MAXIMUM GLAZING DLO</p> <p>FIXED AND OPERABLE PANELS:</p> <p>1 1/16" IG GLAZING: 35 1/2" X 89 5/8"</p> <p>9/16" GLAZING: 35 1/2" X 89 5/8"</p>
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LEGEND

FWT - FRAME TOTAL WIDTH, FH - FRAME HEIGHT, FW - FRAME WIDTH  
 COW - CLEAR OPENING WIDTH, COH - CLEAR OPENING HEIGHT  
 DLOW - DAY LIGHT OPENING WIDTH, DLOH - DAY LIGHT OPENING HEIGHT  
 PNLH - SLAB PANEL HEIGHT, PNLW - SLAB PANEL WIDTH



Pedro De Figueiredo  
 PE 52609  
 09/04/2023

ENGINEERING SERVICES - CA 32459  
 9715 W. BROWARD BLVD.  
 PLANTATION, FL 33324  
 ENGINEER SEAL  
 PEDRO DE FIGUEIREDO  
 PE 52609



PRODUCT CATEGORY: OUTSWING DOORS  
 PRODUCT MATERIAL: WOOD / GLASS  
 IMPACT RATING: LARGE & SMALL MISSILE

ROATAN EURO PROFILE  
 OUTSWING DOORS

MANUFACTURER:  
**ROATAN**  
 MAHOGANY USA INC.  
 7005 N. WATERWAY DR. 302  
 MIAMI FLORIDA 33155

MIAMI-DADE BCCO:

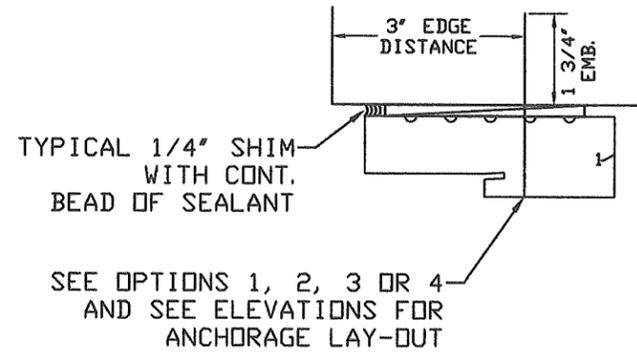
**PRODUCT REVISED**  
 as complying with the Florida Building Code  
 NOA-No. 23-0928.37

Expiration Date 07/19/2028

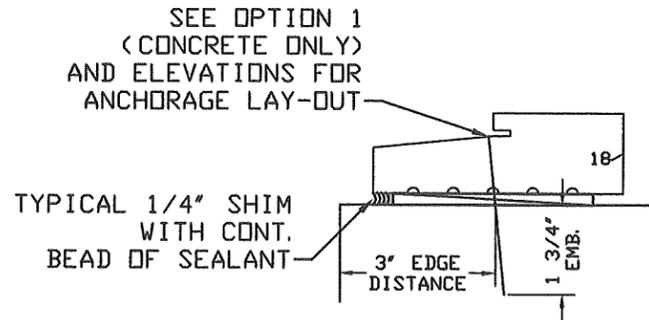
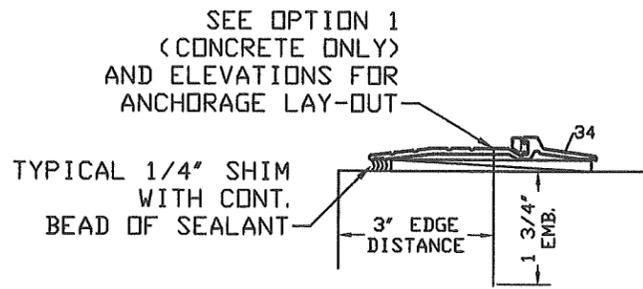
By Ishag I. Chank  
 Miami-Dade Product Control

SCALE:	NA
DATE:	09/04/2023
DRAWING #	23-154
SHEET	4 OF 9

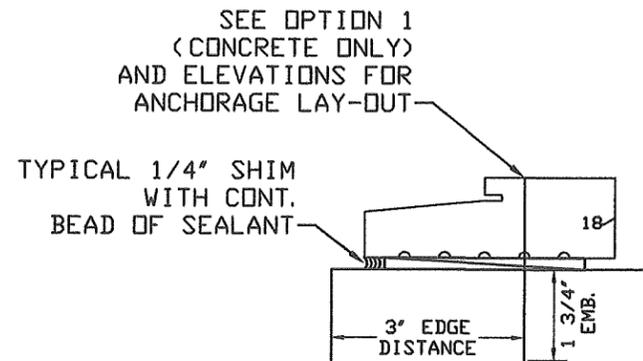
TYPICAL HEADER AND JAMB ANCHORAGE



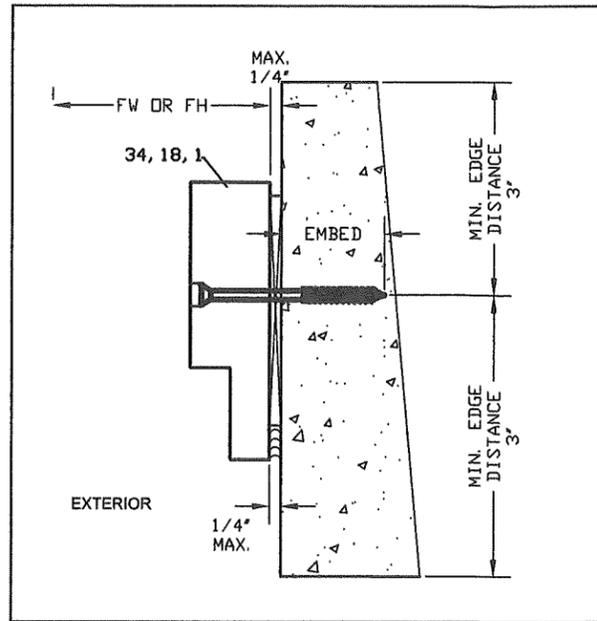
TYPICAL SILL ANCHORAGE  
(EXTERIOR ANCHOR)



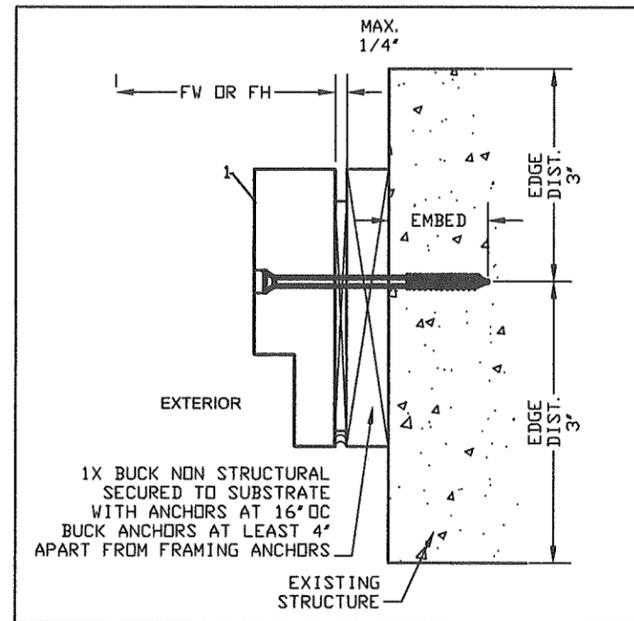
TYPICAL SILL ANCHORAGE  
(INTERIOR ANCHOR)



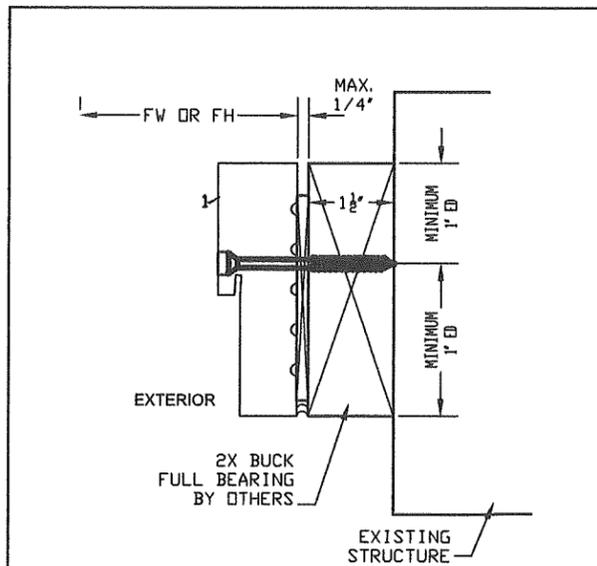
TYPICAL FRAME ANCHORAGE



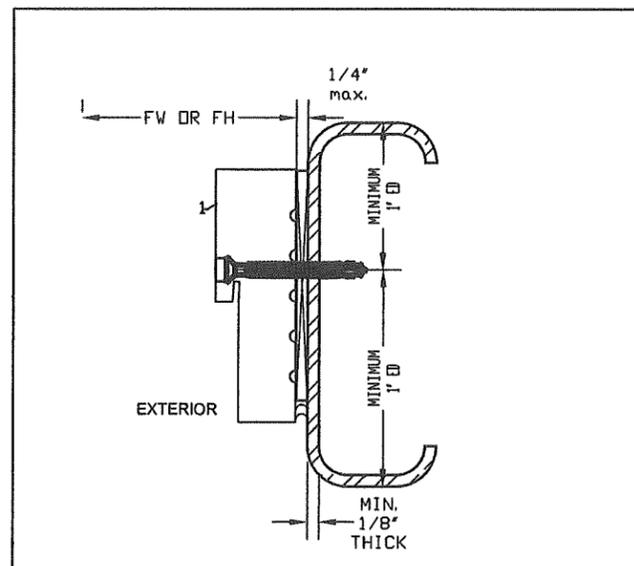
OPTION 1  
FRAME MOUNTED DIRECTLY INTO SUBSTRATE WITH MAXIMUM 1/4" SHIM AND 1/4" TAPCONS BY ITW BUILDIX WITH 1 1/4" MIN. EMBEDMENT INTO MASONRY CONFORMING WITH ASTM C90 (JAMBS) OR 1 3/4" INTO 3000 PSI CONCRETE (REFER TO ELEVATIONS FOR ANCHORS QTY. AND LAY-OUT)



OPTION 2  
FRAME MOUNTED WITH MAXIMUM 1/4" SHIM AND MAXIMUM 1X PT CONTINUOUS WOOD SPACER SECURED BY 1/4" TAPCONS BY ITW BUILDIX WITH 1 1/4" MIN. EMBEDMENT INTO MASONRY CONFORMING WITH ASTM C90 (JAMBS) OR 1 3/4" INTO 3000 PSI CONCRETE. FOR INSTALLATION INTO METAL STRUCTURES USE 1/4"-20 HWH GRADE 5 SD5 (REFER TO ELEVATIONS FOR ANCHORS QTY. AND LAY-OUT)

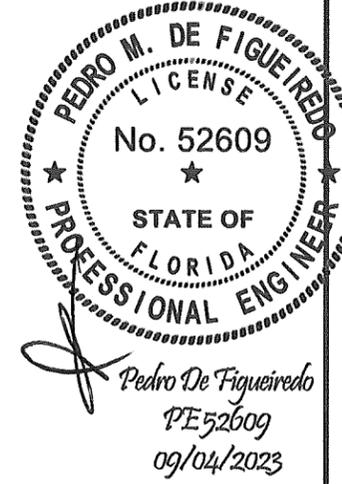


OPTION 3  
FRAME MOUNTED DIRECTLY INTO 2X PT WOOD BUCK (SG >= 0.55) W/ MAX. 1/4" SHIM AND SECURED BY #14 SS WOOD SCREWS OR 1/4" TAPCONS W/ 1 1/2" MIN. EMBEDMENT. (REFER TO ELEVATIONS FOR ANCHORS QTY. AND LAY-OUT)  
2X BUCK TO BE PROPERLY DESIGNED BY OTHERS.



OPTION 4  
FRAME MOUNTED DIRECTLY INTO METAL STRUCTURES W/ MAX. 1/4" SHIM. 1/4"-20 PFH SD5 GR 5 INTO MIN. 1/8" A36 STEEL OR 6063-T6 ALUMINUM. (REFER TO ELEVATIONS FOR ANCHORS QTY. AND LAY-OUT) MIN. 3 TREADS PENETRATION

WOOD BUCK NOTE:  
2X AND 2X WOOD BUCK TO BE PROPERLY DESIGN TO TRANSFER LOAD TO THE MAIN STRUCTURE AND TO BE PROVIDED BY OTHERS.



ENGINEERING SERVICES - CA 32459  
9715 W. BROWARD BLVD.  
PLANTATION, FL 33324  
ENGINEER SEAL  
PEDRO DE FIGUEIREDO  
PE 52609  
PPMIF@AOL.COM

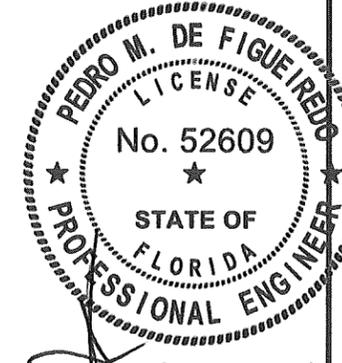
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PRODUCT MATERIAL: WOOD / GLASS  
IMPACT RATING: LARGE & SMALL MISSILE  
**ROATAN EURO PROFILE**  
OUTSWING DOORS

MANUFACTURER:  
**ROATAN**  
MAHOGANY USA INC.  
7005 N. WATERWAY DR. 302  
MIAMI FLORIDA 33155

MIAMI-DADE BCCO:

**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 23-0928.37  
Expiration Date 07/19/2028  
By Ishag I. Chank  
Miami-Dade Product Control

SCALE: NA  
DATE: 09/04/2023  
DRAWING # 23-154  
SHEET 5 OF 9



Pedro De Figueiredo  
PE 52609  
09/04/2023

ENGINEERING SERVICES - CA 32459  
9715 W. BROWARD BLVD.  
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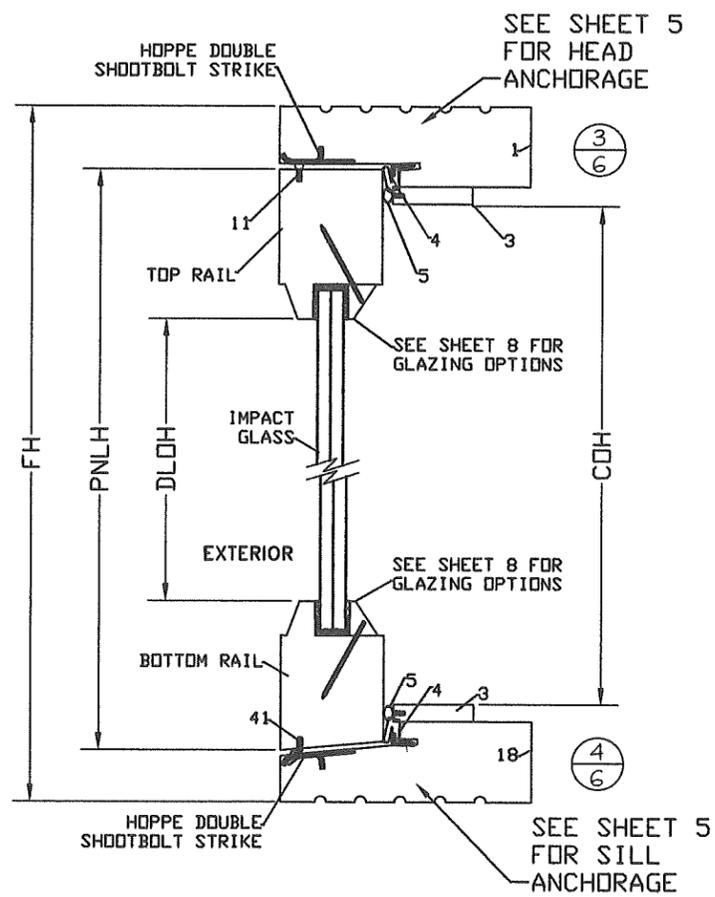
PRODUCT CATEGORY: OUTSWING DOORS  
PRODUCT MATERIAL: WOOD / GLASS  
IMPACT RATING: LARGE & SMALL MISSILE

**ROATAN EURO PROFILE**  
OUTSWING DOORS

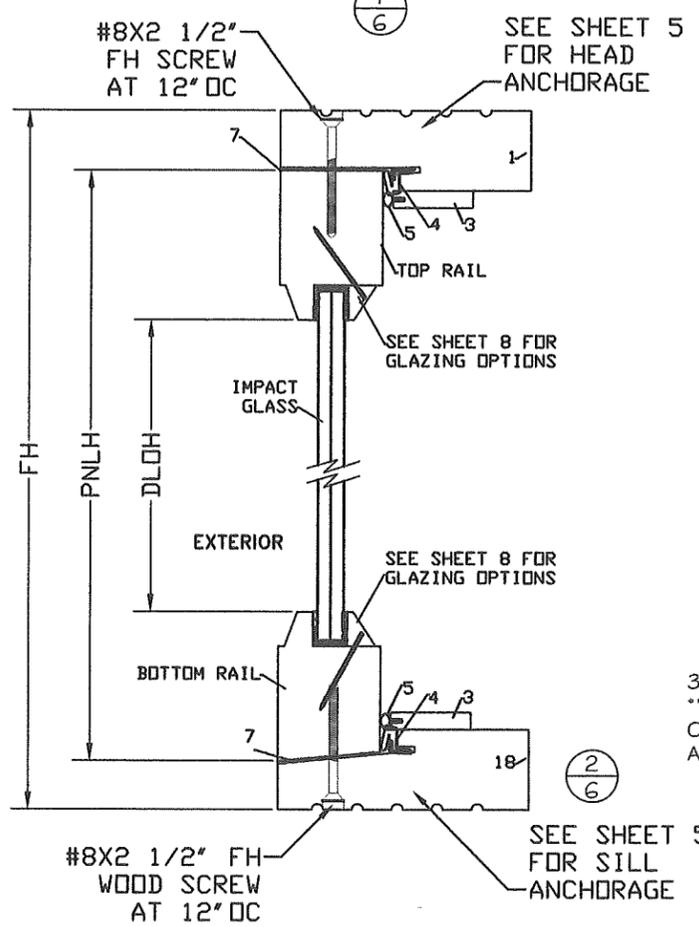
MANUFACTURER:  
**ROATAN**  
MAHOGANY USA INC.  
7005 N. WATERWAY DR. 302  
MIAMI FLORIDA 33155

SCALE: NA  
DATE: 09/04/2023  
DRAWING # 23-154  
SHEET 6 OF 9

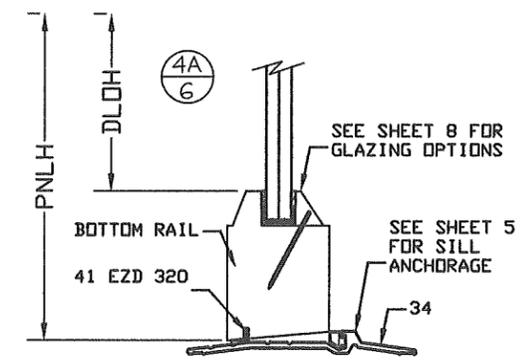
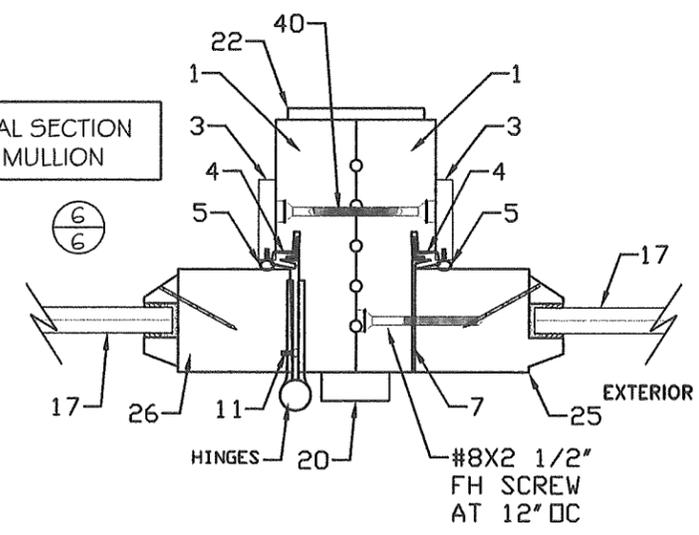
TYPICAL VERTICAL DOOR SECTION



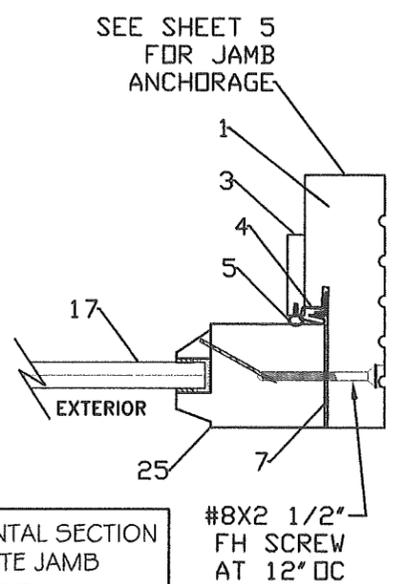
TYPICAL VERTICAL SECTION SIDELITE WINDOW



TYPICAL HORIZONTAL SECTION DOOR / SIDELITE MULLION

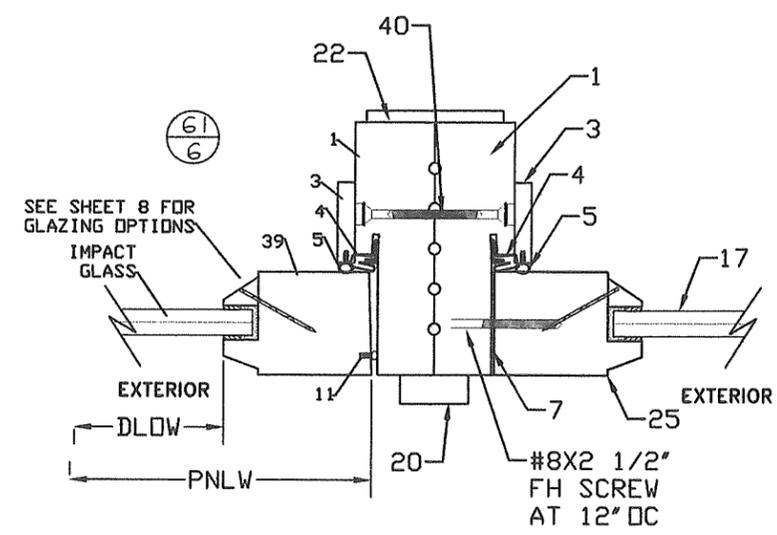


34- ALUMINUM THRESHOLD  
\*\* DOES NOT MEET WATER INFILTRATION OPENING TO BE INSTALLED WITH OVERHANG AS PER FBC SECTION 2411.3.2.1

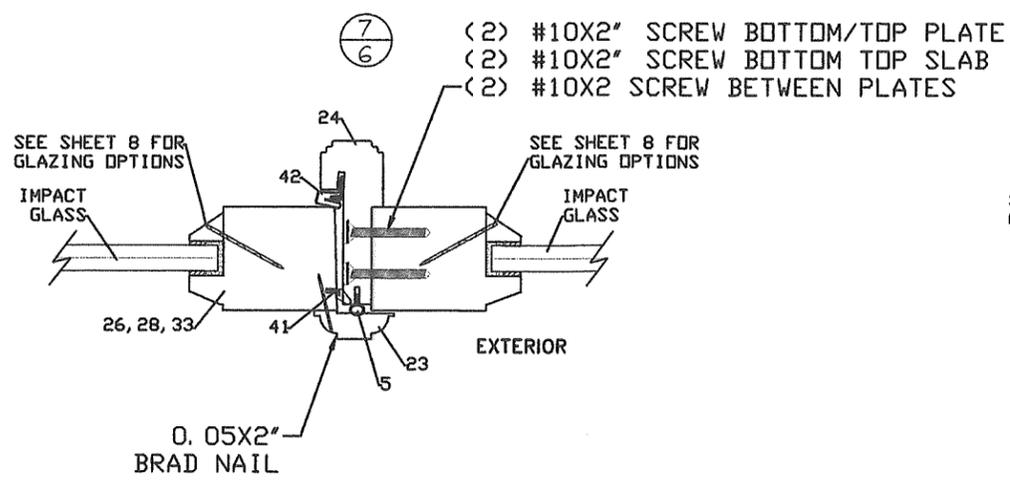


TYPICAL HORIZONTAL SECTION FIXED SIDELITE JAMB

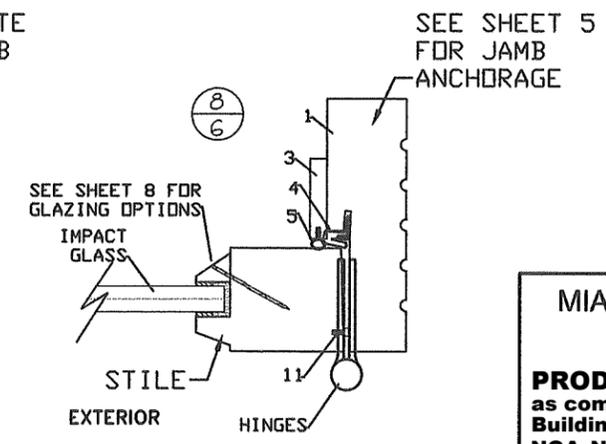
#8X2 1/2" FH SCREW AT 12" OC



TYPICAL HORIZONTAL SECTION DOOR JAMB - LOCK



TYPICAL HORIZONTAL SECTION DOOR MEETING STILES



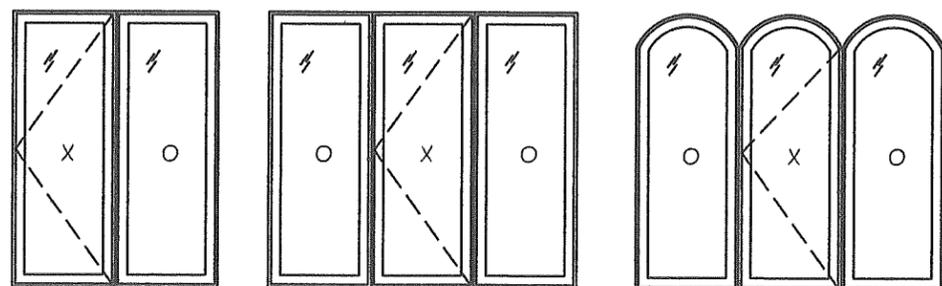
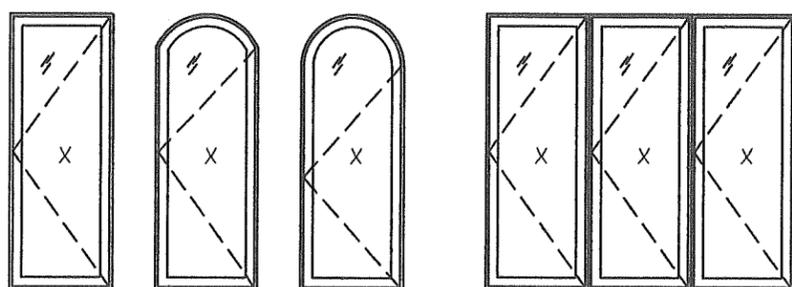
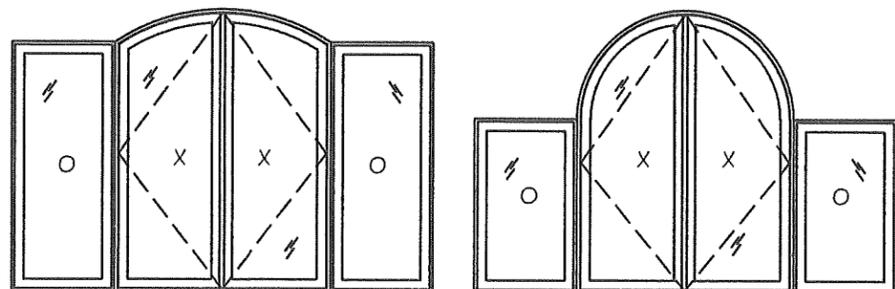
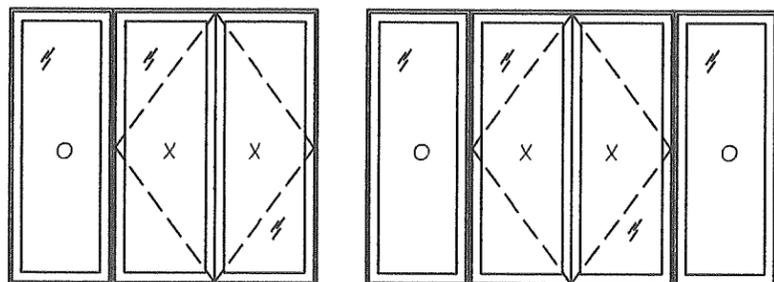
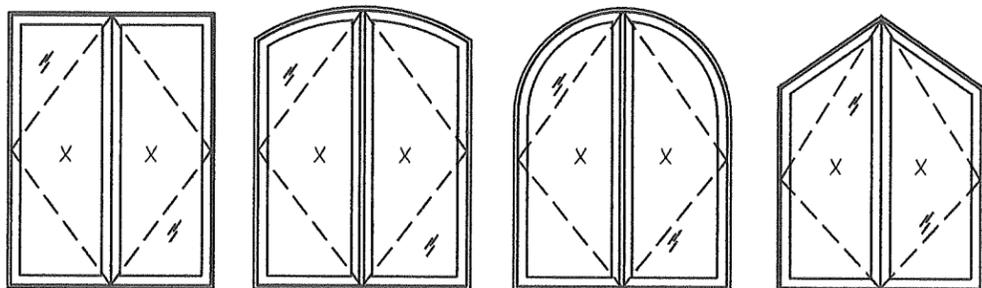
TYPICAL HORIZONTAL SECTION DOOR JAMB - HINGE

MIAMI-DADE BCCO:

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NOA-No. 23-0928.37  
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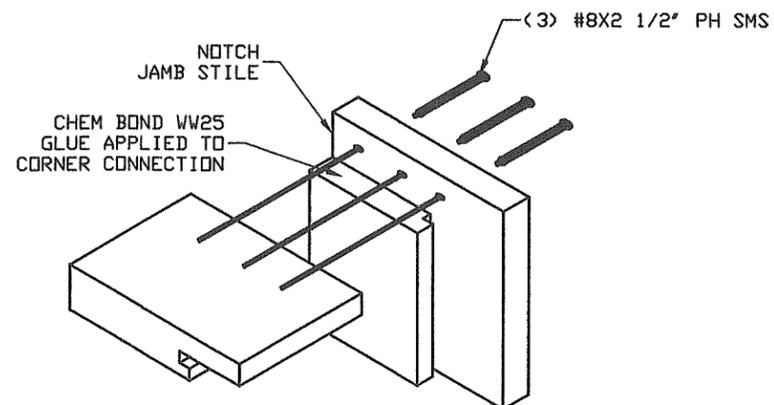
By Ishag I. Chank  
Miami-Dade Product Control

MODELS EXAMPLES QUALIFICATIONS



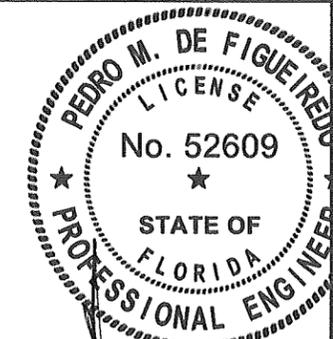
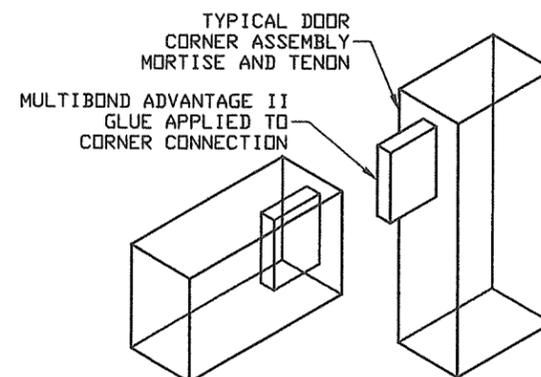
FRAME AND DOOR ASSEMBLY

TYPICAL CORNER FRAMING CONSTRUCTION



NOTE: AFTER FRAMING ASSEMBLAGE ALL JOINTS ARE TO BE SEALED WITH DOW 995 SILICONE.

TYPICAL DOOR CORNER CONSTRUCTION



Pedro De Figueiredo  
PE 52609  
09/04/2023

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PE 52609



PRODUCT CATEGORY: OUTSWING DOORS  
PRODUCT MATERIAL: WOOD / GLASS  
IMPACT RATING: LARGE & SMALL MISSILE  
**ROATAN EURO PROFILE**  
OUTSWING DOORS

MANUFACTURER:  
**ROATAN**  
MAHOGANY USA INC.  
7005 N. WATERWAY DR. 302  
MIAMI FLORIDA 33155

MIAMI-DADE BCCO:

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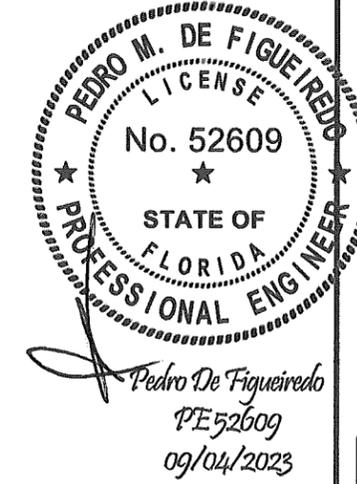
By Ishag I. Chank  
Miami-Dade Product Control

SCALE: NA  
DATE: 09/04/2023  
DRAWING # 23-154  
SHEET 7 OF 9

PARTS REFERENCE LIST

ITEM	DESCRIPTION	LOCATION	MATERIAL/ MANUFACTURER/ NOTES	TESTED MODELS			
				A1	B1	C1	D1
1	SIDE/ HEADER/ JAMB	FRAMING	MAHOGANY/ ROATAN	X	X	X	
2							
3	WEATHERSTOP	FRAMING	MAHOGANY/ ROATAN	X	X	X	X
4	COMPRESSURE SEALER QEZD 650 BRONZE	WEATHER GASKETS, SEALER ETC	SCHLEGEL	X	X	X	X
5	COMPRESSURE SEALER AP412 BLACK	WEATHER GASKETS, SEALER ETC	SCHLEGEL	X	X	X	X
6	IG FIXED STILE	SLAB	MAHOGANY/ ROATAN	X			X
7	995 SILICONE	WEATHER GASKETS, SEALER ETC	DOW CORNING	X	X	X	X
8	1 1/16" IG INSULATED GLAZING - LMI	SLAB	GLASS/ ROATAN	X	X	X	X
9	18GA X 2" NAIL SPACED AT 3" OC	SLAB	GALV. STEEL/ ROATAN	X	X	X	X
10	IG GLASS STOP	SLAB	MAHOGANY/ ROATAN	X	X	X	X
11	COMPRESSURE SEALER AP425 BLACK	WEATHER GASKETS, SEALER ETC	SCHLEGEL	X	X	X	X
12	1/8 X 3/8" GLAZING TAPE	WEATHER GASKETS, SEALER ETC	ROATAN	X	X	X	X
13	9/16" BOTTOM RAIL	SLAB	MAHOGANY/ ROATAN	X	X	X	
14	9/16" GLASS STOP	SLAB	MAHOGANY/ ROATAN	X	X	X	X
15	9/16" TOP RAIL	SLAB	MAHOGANY/ ROATAN			X	
16	6" FLUSH BOLT	HARDWARE	ROATAN			X	
17	9/16" LAMINATED GLAZING - LMI	SLAB	GLASS/ ROATAN	X	X	X	X
18	THRESHOLD	FRAMING	MAHOGANY/ ROATAN	X	X	X	X
19	9/16" FIXED BOTTOM RAIL	SLAB	MAHOGANY/ ROATAN				X
20	EXTERIOR MULL COVERS	FRAMING	MAHOGANY/ ROATAN	X			X
21	5X5 HINGES	HARDWARE	SS/ EMTEK	X			
22	INTERIOR MULL COVERS	FRAMING	MAHOGANY/ ROATAN	X			X
23	ASTRAGAL CAP	SLAB	MAHOGANY/ ROATAN	X	X	X	
24	"T" ASTRAGAL	SLAB	MAHOGANY/ ROATAN	X	X	X	
25	9/16" FIXED SIDE/ TOP RAIL	SLAB	MAHOGANY/ ROATAN	X	X	X	X
26	9/16" ACTIVE STILE RAIL	SLAB	MAHOGANY/ ROATAN	X	X		
27	5X5 HINGES	HARDWARE	DELTANA		X		
28	9/16" ACTIVE STILE	SLAB	MAHOGANY/ ROATAN	X		X	
29	1 1/16" IG FIXED BOTTOM RAIL	SLAB	MAHOGANY/ ROATAN	X			X
30	9/16" ACTIVE BOTTOM RAIL	SLAB	MAHOGANY/ ROATAN	X			
31	4X4 HINGES	HARDWARE	SS/ HAGER	X		X	
32	9/16" FIXED BOTTOM RAIL	SLAB	MAHOGANY/ ROATAN	X			
33	1 1/16" ACTIVE STILE RAIL	SLAB	MAHOGANY/ ROATAN		X	X	X
34	THRESHOLD	FRAMING	ALUMINUM/ PEMKO		X		
35	9/16" ACTIVE TOP/ BOTTOM RAIL	SLAB	MAHOGANY/ ROATAN	X			
36	1 1/16" ACTIVE STILE RAIL	SLAB	MAHOGANY/ ROATAN		X	X	
37	1 1/16" ACTIVE STILE RAIL	SLAB	MAHOGANY/ ROATAN		X	X	
38	CONCEALED HINGES	HARDWARE	SOSS				X
39	1 1/16" ACTIVE STILE	SLAB	MAHOGANY/ ROATAN				X
40	9/16" ACTIVE STILE	SLAB	MAHOGANY/ ROATAN				
41	COMPRESSURE SEALER QEZD 320 BRONZE	WEATHER GASKETS, SEALER ETC	SCHLEGEL	X		X	
42	COMPRESSURE SEALER QEZD 730 BRONZE	WEATHER GASKETS, SEALER ETC	SCHLEGEL	X		X	

ALL PARTS LISTED HERE IN CAN BE INSTALLED INTERCHANGABLE IN ANY MODEL.

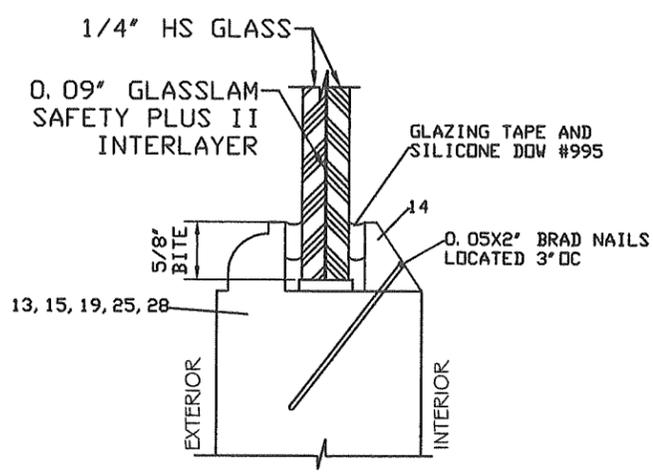


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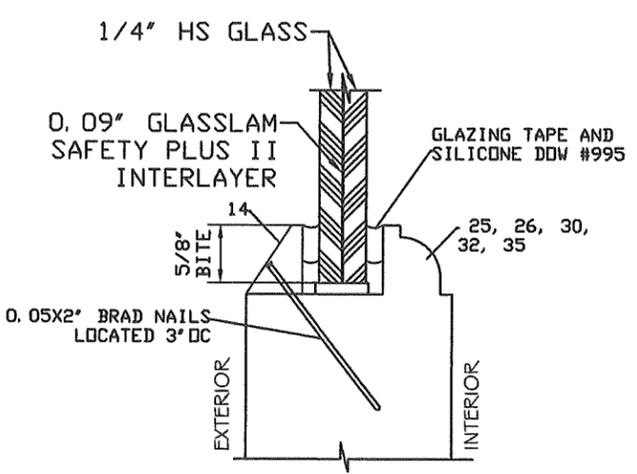


PRODUCT CATEGORY: OUTSWING DOORS  
PRODUCT MATERIAL: WOOD / GLASS  
IMPACT RATING: LARGE & SMALL MISSILE  
**ROATAN EURO PROFILE**  
OUTSWING DOORS

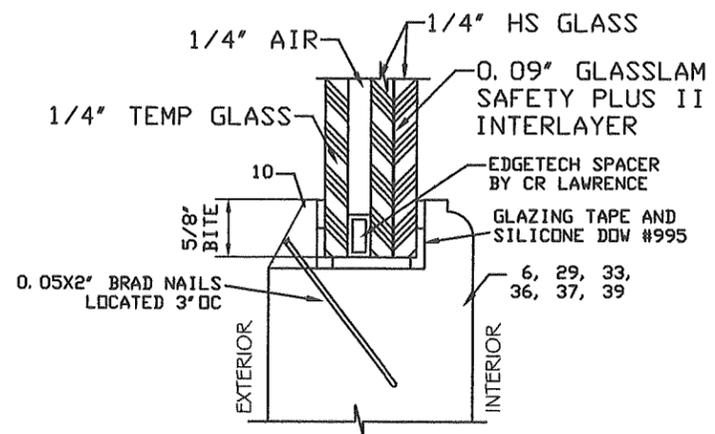
TYPICAL GLAZING OPTIONS



A- 9/16" HS LAMINATED  
LARGE MISSILE IMPACT GLASS  
INTERIOR GLAZED



A1- 9/16" HS LAMINATED  
LARGE MISSILE IMPACT GLASS  
EXTERIOR GLAZED



B- 1 1/16" HS IG LAMINATED  
LARGE MISSILE IMPACT GLASS  
EXTERIOR GLAZED

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