



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

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 "Swietenia" Inswing Glazed Wood Door - L.M.I.

APPROVAL DOCUMENT: Drawing No. **23-158 IN** (former **23-158**), titled "Swietenia Series – Swing In Doors", sheets 1 through 08 of 08, dated 11/03/2025, prepared by PPMF Inc., signed and sealed by Pedro M. 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

Limitations:

1. See sheet **5** for hardware. Item 3, 4, 5 and 6 (Hoppe locking mechanism and strike plates)
2. Partial Raised Wood panel (glazing type **GL-2** per sheets **1, 2& 7**) is **limited** to max. **25"W x 75-1/2"H**.
3. Full opaque or raised panels are **not** approved. Full glazed or partial glazed approved shown in sheet **1 & 2**.
4. Min 3ksi concrete required at head/sill installation. Max Double Door FW= 79.0"

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 No. 23-0928.34** (outswing glazed wood door) and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4, E5 and E-6, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



Handwritten signature and date: 1/6/26

NOA No. 25-1211.05
 Expiration Date: August 08, 2029
 Approval Date: January 15, 2026

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. 07-0717.08)
2. Drawing No. **18-106**, titled "Swietenia Series – Swing Out Doors", sheets 1 through 7 of 7, dated, dated 02/26/18, prepared by PPMF Inc., signed and sealed by Pedro M. De Figueiredo, P.E.
(Submitted under NOA No. 19-0808.05)

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

along with marked-up drawings and installation diagram of an outswing mahogany door, prepared by Hurricane Engineering & Testing, Inc., Test Reports No.

HETI-01-1184 dated 10/29/01, **HETI-01-1095**, dated 11/02/01, **HETI-01-1185** dated 04/18/01, **HETI-01-1077** dated 11/09/01, **HETI-01-1190** dated 11/25/01, **HETI-01-1079** dated 11/26/01, **HETI-01-1007** dated 11/06/01, **HETI-01-1186** dated 04/18/01 and **HETI-01-1006** dated 10/26/01, all signed and sealed by Hector M. Medina, P.E.

(Submitted under NOA's No. 14-0722.10, No. 13-0814.04, No. 12-0713.06 and No. 07-0717.08)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC 5th Edition (2014), dated 04/26/16, prepared by EngCo, Inc., signed and sealed by Pedro M. De Figueiredo, P.E.
(Submitted under NOA No. 13-0814.04)
2. Glazing complies with **ASTM E1300-04 & 09**.

D. QUALITY ASSURANCE

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

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 25-1211.05
Expiration Date: August 08, 2029
Approval Date: January 18, 2026

Roatan Mahogany USA, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **18-0619.01** issued to **Polymer Extrusion Technology, Inc. dba Glasslam** for their "Glasslam Safety-Plus II Glass Interlayer" dated 07/26/18, expiring on 08/07/23.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 6th Edition (2017)**, and of no financial interest, dated February 27, 2018, issued by PPMF Inc., signed and sealed by Pedro M. De Figueiredo, P.E.
(Submitted under NOA No. 18-0305.04)

G. OTHERS

1. Notice of Acceptance No. **18-0305.04**, issued to Roatan Mahogany USA, Inc. for their Swietenia Series Outswing Glazed Wood Doors – L.M.I., approved on 05/03/18 and expiring on 08/08/19.



Ishaq I. Chanda, P.E.

Product Control Examiner

NOA No. 25-1211.05

Expiration Date: August 08, 2029

Approval Date: January 18, 2026

Roatan Mahogany USA, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. EVIDENCE SUBMITTED under previous approval

A. DRAWINGS

1. Drawing No. **20-045**, titled “Swietenia Series – Swing Out Doors”, sheets 1 through 10 of 10, dated, dated 05/21/22, 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
along with marked-up drawings and installation diagram of a series “Swietenia” outswing double entrance door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-19-8842**, dated 01/04/21, signed and sealed by Idalmis Ortega, P.E.
2. 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 series “Swietenia” fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-19-8843**, dated 01/29/19, signed and sealed by Idalmis Ortega, P.E.

C. CALCULATIONS

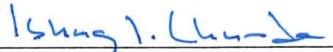
1. Anchor verification calculations and structural analysis, complying with FBC 7th Edition (2020), dated 05/15/22, prepared by PPMF, Inc., signed and sealed by Pedro M. De Figueiredo, P.E.

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**” dated 03/31/22, expiring on 08/07/23.



Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 25-1112.05
Expiration Date: August 08, 2029
Approval Date: January 18, 2025

Roatan Mahogany USA, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. EVIDENCE SUBMITTED under previous approval (CONTINUED)

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 7th Edition (2020)**, and of no financial interest, dated May 15, 2022, issued by PPMF Inc., signed and sealed by Pedro M. De Figueiredo, P.E.
2. Testing Proposal No. **19-0021** issued by the Product Control Section, dated January 25, 2019, signed by Ishaq Chanda, P.E.
3. Testing Proposal No. **19-0022** issued by the Product Control Section, dated January 25, 2019, signed by Ishaq Chanda, P.E.

G. OTHERS

1. Notice of Acceptance No. **19-0808.05**, issued to Roatan Mahogany USA, Inc. for their Swietenia Series Outswing Glazed Wood Doors – L.M.I., approved on 08/22/19 and expiring on 08/08/24.



Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 25-1211.05
Expiration Date: August 08, 2029
Approval Date: January 18, 2026

Roatan Mahogany USA, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. EVIDENCE SUBMITTED under previous approval

A. DRAWINGS

1. Drawing No. **23-158** (former **20-045**), titled "Swietenia Series – Swing Out Doors", sheets 1 through 10 of 10, dated 05/21/22 and last revised on 09/04/23, 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.**
1. Statement letter of conformance, complying with **FBC 8th 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. OTHER

1. This NOA **revises NOA No. 22-0606.07** and updates to FBC 2023, expiring 08/08/2029.



Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 25-1211.05
Expiration Date: August 08, 2029
Approval Date: January 18, 2026

Roatan Mahogany USA, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. New EVIDENCE SUBMITTED under previous approval

A. DRAWINGS

1. Drawing No. **23-158 IN** (former **23-158**), titled “Swietenia Series – Swing In Doors”, sheets 1 through 08 of 08, dated 11/03/2025, 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
along with marked-up drawings and installation diagram of a series “Swietenia” Inswing double entrance door w/ S.G. interlayer by Kuraray, prepared by QAI Testing Laboratory, Inc., Test Report No. **MED-1059a**, dated 09/10/25, signed and sealed by Idalmis Ortega, P.E.

C. CALCULATIONS (submitted under previous approval)

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **23-0717.30** issued to **Kuraray America, Inc.** for their “SentryGlas® (Clear and White) Glass Interlayers”, expiring on 07/04/28.

F. 1. Statement letter of conformance, complying with FBC 8th Edition (2023), prepared by PPMF Inc., dated 11/08/25, signed and sealed by Pedro M. De Figueiredo, P.E.

G. OTHER

1. This NOA revises NOA No. **23-0928.34**, expiring 08/08/2029.
2. Test Proposal # **22-1389** dated Jan 04, 2023 approved by RER Product Control Section.


Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 25-1211.05
Expiration Date: August 08, 2029
Approval Date: January 18, 2026

GENERAL NOTES:

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

1- DEFINITION: THIS PRODUCT IS A SWING-IN 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 FLORIDA BUILDING CODE, 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
SWIETENIA SERIES - GLAZED SWING-IN 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: WOOD TYPE: VERNACULAR NAME: TRUE MAHOGANY
SCIENTIFIC NAME: SWIETENIA MACROPHYLLA G. KING
FAMILY: MELIACEAE
MINIMUM SPECIFIC GRAVITY, SG= 0.45
MATERIAL TO BE FABRICATED FROM KILN DRIED MAHOGANY.
ALTERNATE WOOD SPECIES WITH SG >= 0.45 ARE ACCEPTABLE

6- FASTENERS: ASSEMBLY SCREWS AND ANCHORS SHALL BE AS SPECIFIED IN THE CURRENT SET OF DRAWINGS. INSTALLATION AND LOADS AS PER THIS APPROVAL.

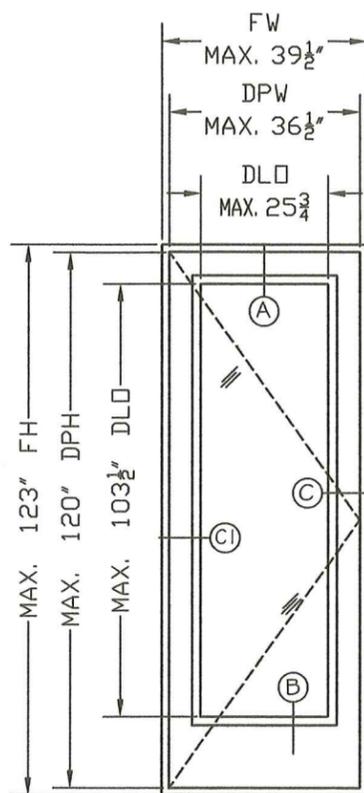
7- USE: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, ARCHITECT OR ENGINEER OF RECORD TO VERIFY THE FOLLOWING:

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

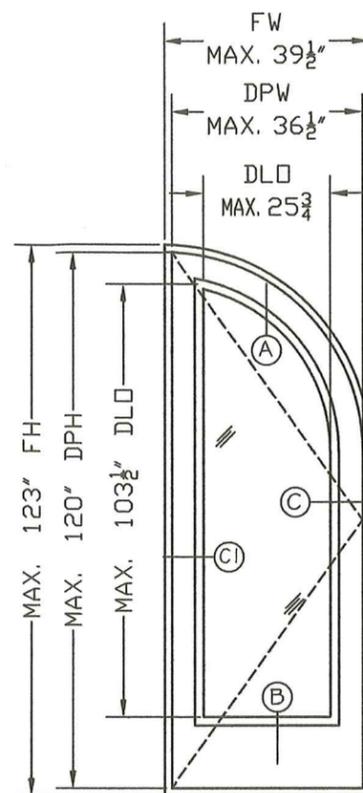
7.2- THE SITE SPECIFIC PROJECT CRITERIA, SUCH AS BUT NOT LIMITED TO, WINDLOADS, LOCAL CODE REQUIREMENTS, DESIGNED PRESSURES ETC.

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

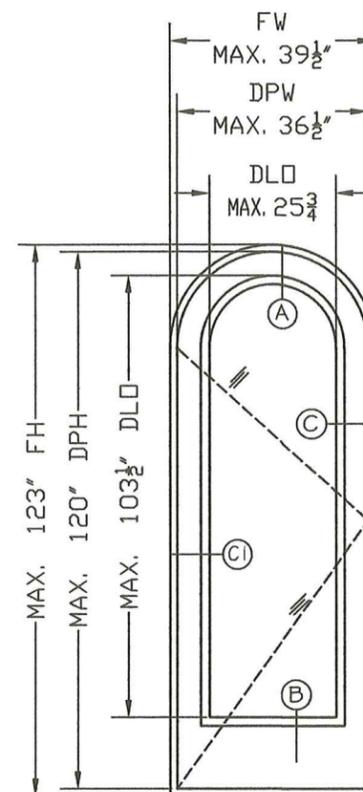
TYPICAL SINGLE ELEVATIONS



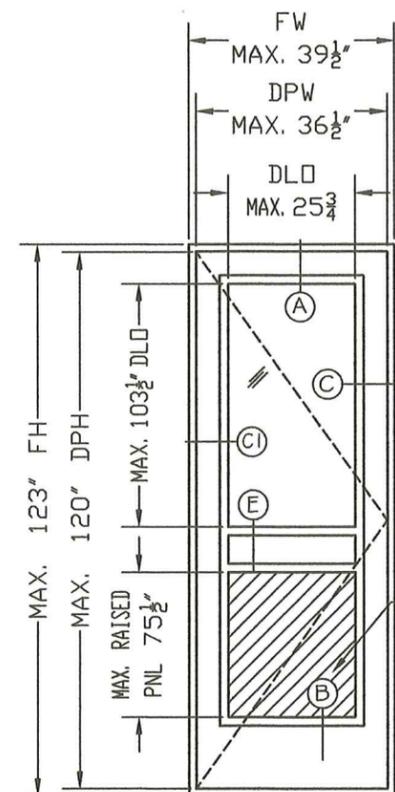
**TYPE 1
SQUARE
CONFIGURATION**



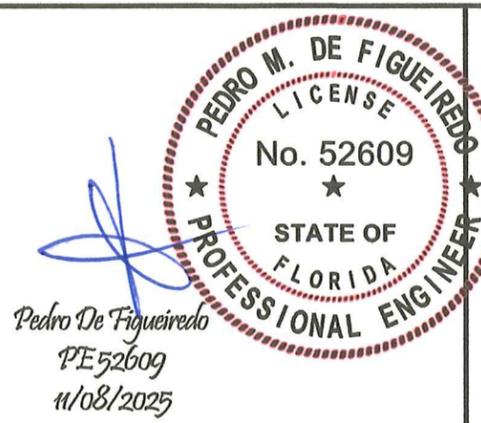
**TYPE 2
1/2 ARCH
CONFIGURATION**



**TYPE 3
FULL ARCH
CONFIGURATION**



**TYPE 4
LITE WITH PANEL
CONFIGURATION**



PRODUCT CATEGORY: DOORS - SWING-IN
PRODUCT MATERIAL: WOOD / GLASS
IMPACT RATING: LARGE & SMALL MISSILE
GLAZED WOOD SWING-IN DOOR
SWIETENIA SERIES - SWING-IN DOORS

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

SCALE:
NA
DATE:
11/03/2025
DRAWING #
23-158 IN
SHEET
1 OF 8

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

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6 OF 8	CROSS SECTIONS WITH HARDWARE
7 OF 8	GLAZING OPTIONS
8 OF 8	PRODUCT COMPONENTS, ASSEMBLY AND BILL OF MATERIALS

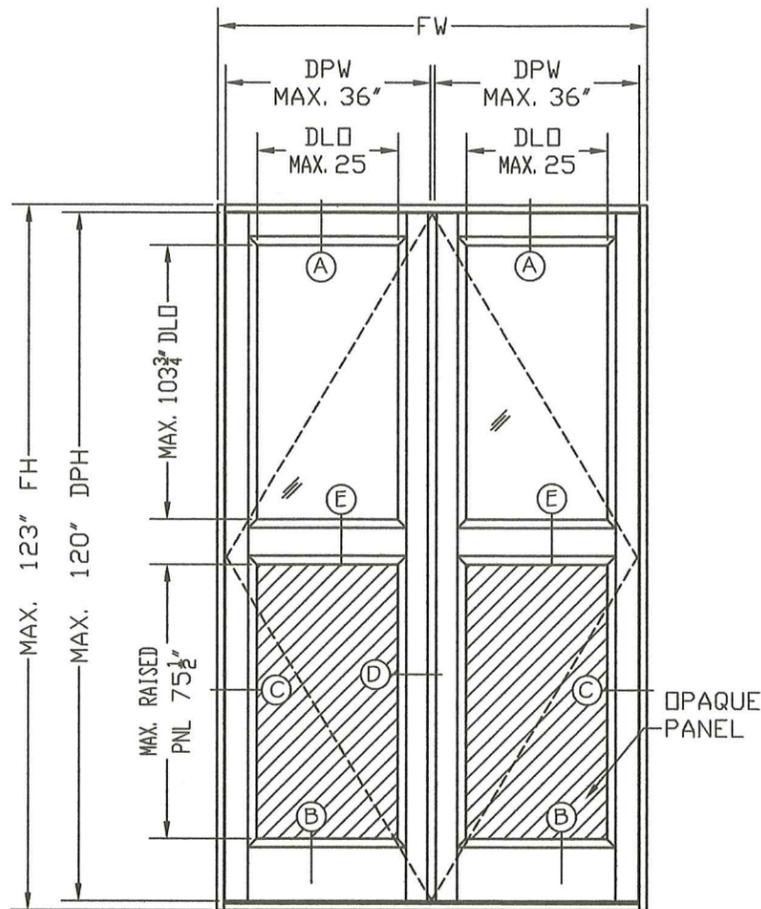
GLAZING OPTIONS	DESIGNED PRESSURE RATING (PSF)		MAXIMUM DLO (IN)
	+65	-75	
A	+65	-75	25 1/2" X 103 1/2"
B	+65	-75	23 1/2" X 75 1/2"

- 1- MAXIMUM FRAME SIZES: FW= 39 1/2" X FH= 123"
- 2- SEE GLAZING OPTIONS ON SHEET 7
- 3- FH: FRAME FINISHED HEIGHT
- 4- FW: FRAME FINISHED WIDTH
- 5- DLO: DAY LIGHT OPENING APPLICABLE FOR GLASS
- 6- DPH: DOOR PANEL HEIGHT
- 7- DFW: DOOR PANEL WIDTH

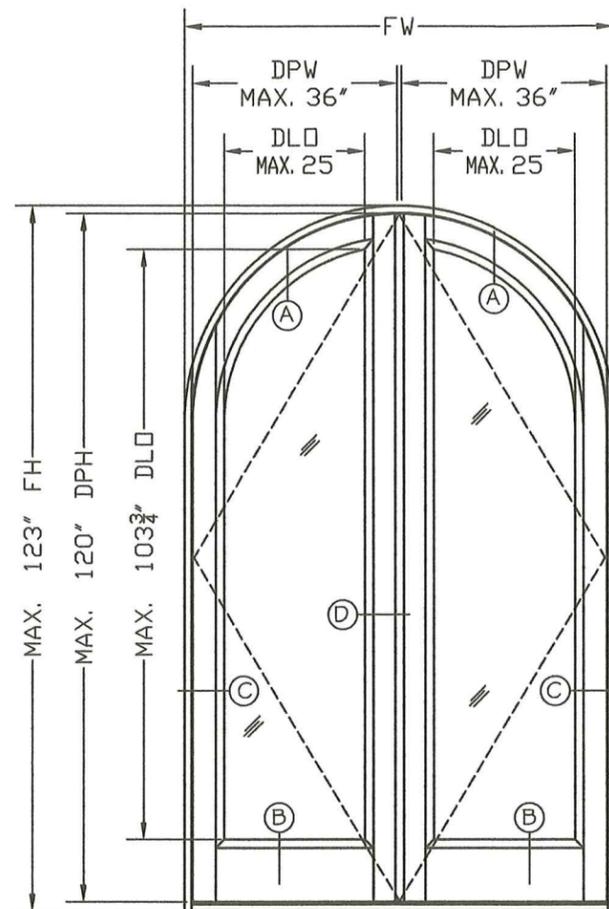
MIAMI-DADE BCCO:

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 25-1211-05
Expiration Date Aug 09, 2029
By Ishngi. Chandra
Miami Dade Product Center

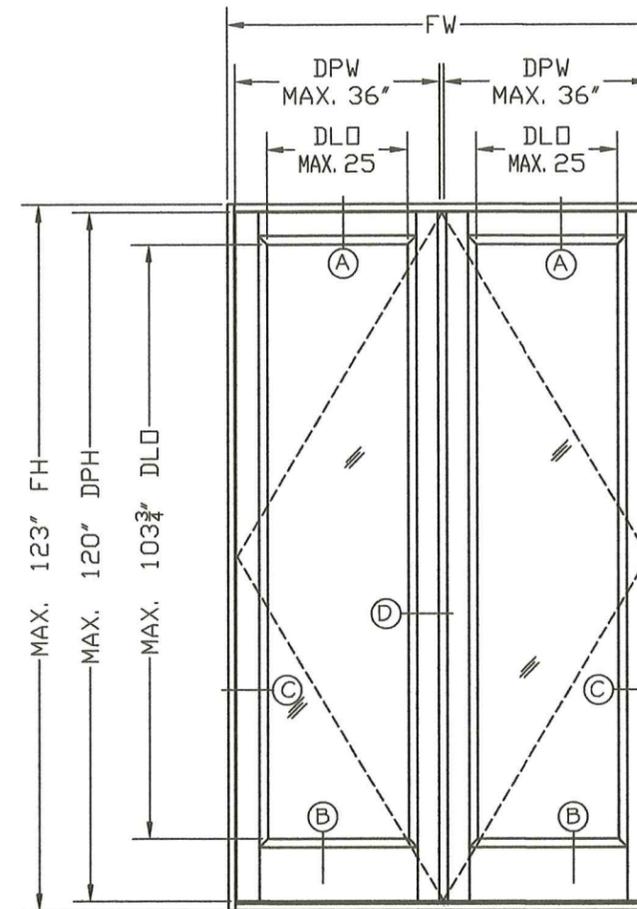
TYPICAL PAIR ELEVATIONS



TYPE 5
SPLIT PANEL CONFIGURATION



TYPE 6
ARCH CONFIGURATION



TYPE 7
SQUARE CONFIGURATION

GLAZING OPTIONS	DESIGNED PRESSURE RATING (PSF)		MAXIMUM DLO (IN)
A	+65	-75	25 1/2" X 103 1/2"
B	+65	-75	23 1/2" X 75 1/2"

- 1- MAXIMUM FRAME SIZES: FW= 75 1/2" X FH= 123"
- 2- SEE GLAZING OPTIONS ON SHEET 9
- 3- FH: FRAME FINISHED HEIGHT
- 4- FW: FRAME FINISHED WIDTH
- 5- DLO: DAY LIGHT OPENING APPLICABLE FOR GLASS
- 6- DPH: DOOR PANEL HEIGHT
- 7- DPW: DOOR PANEL WIDTH



Pedro De Figueiredo
PE 52609
11/03/2025



PRODUCT CATEGORY: DOORS - SWING-IN
PRODUCT MATERIAL: WOOD / GLASS
IMPACT RATING: LARGE & SMALL MISSILE
GLAZED WOOD SWING-IN DOOR
SWIETENIA SERIES - SWING-IN DOORS

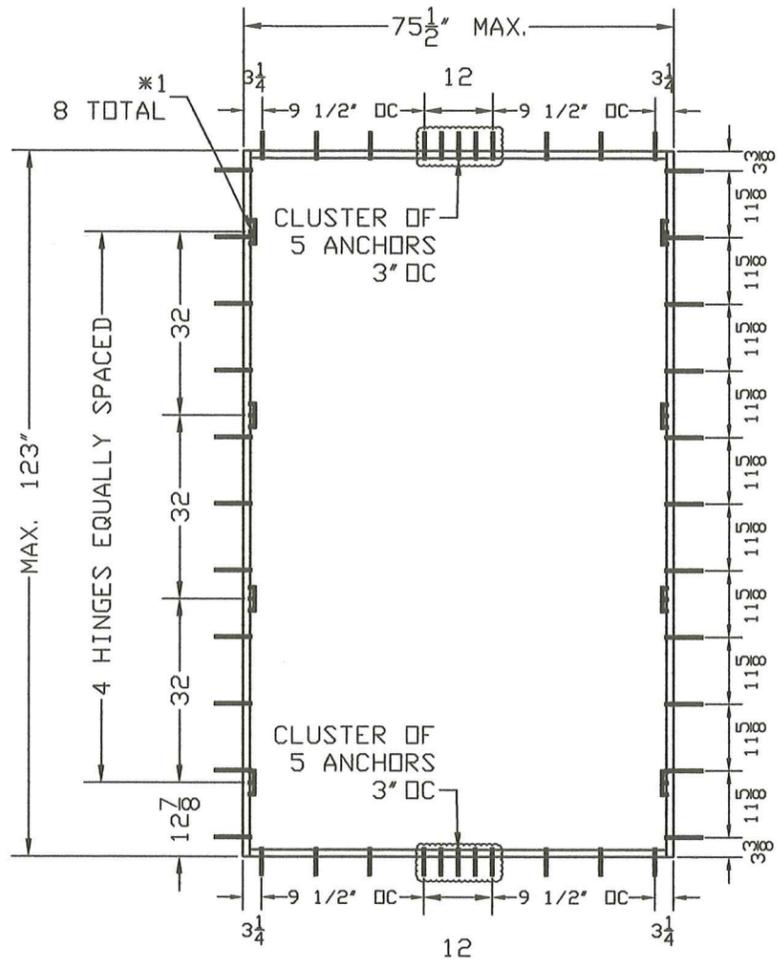
MANUFACTURER:
ROATAN
MAHOGANY USA INC.
7005 N. WATERWAY DR. 302
MIAMI FLORIDA 33155

MIAMI-DADE BCCO:

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 25-1211-05
Expiration Date 8/8/2029
By *[Signature]*
Miami Dade Product Control

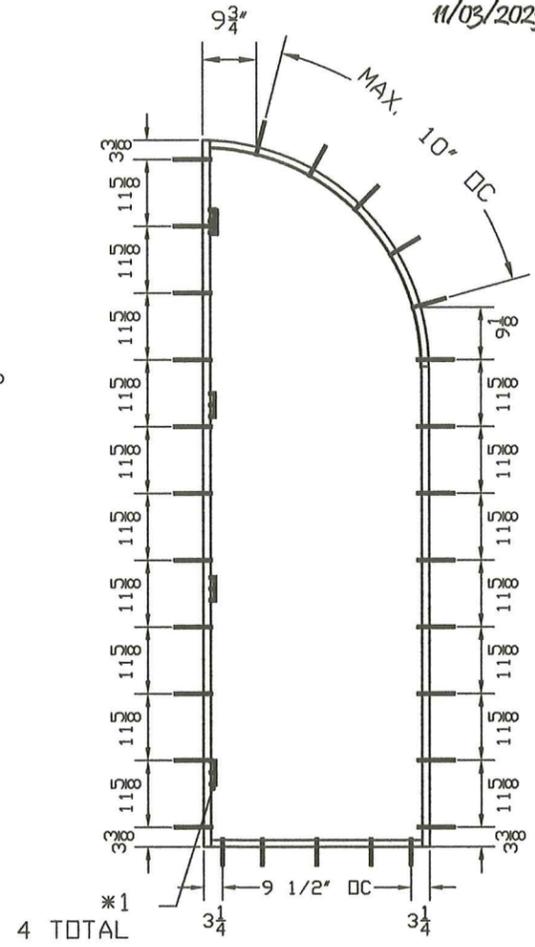
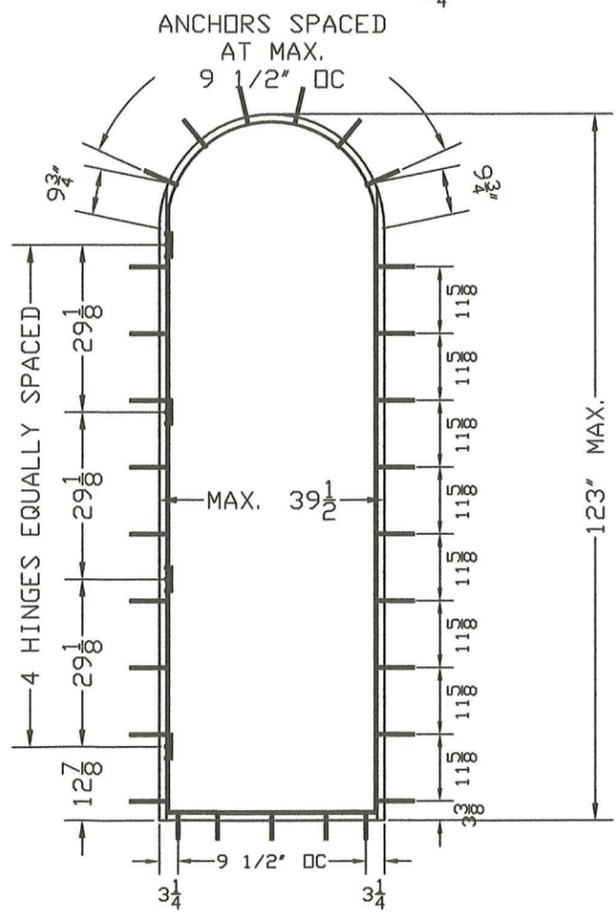
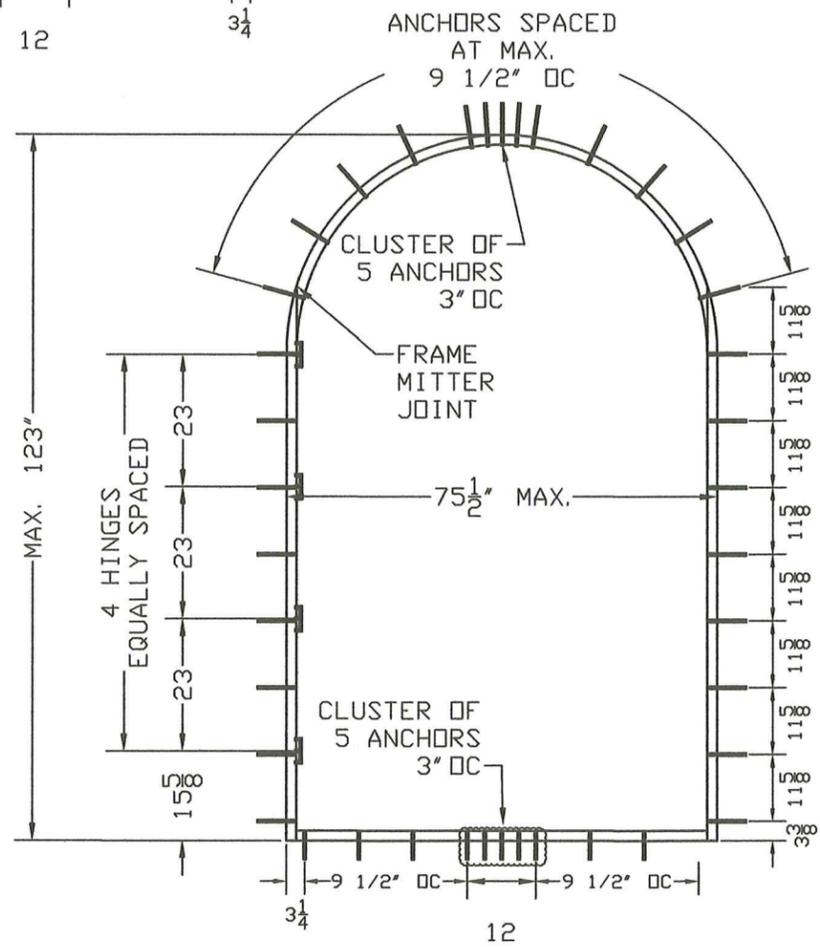
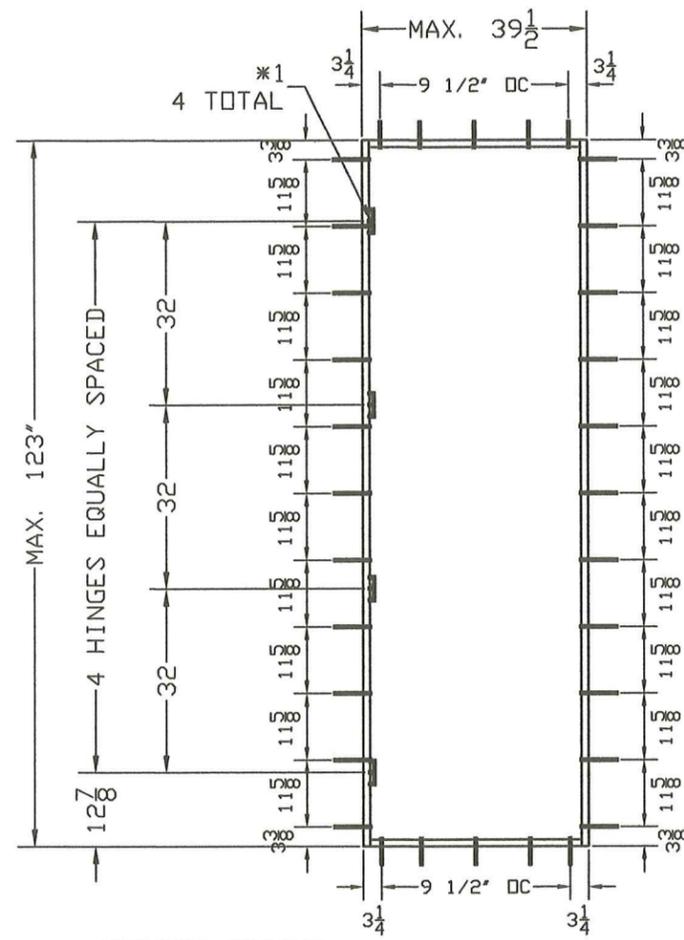
SCALE:
NA
DATE:
11/03/2025
DRAWING #
23-158 IN
SHEET
2 OF 8

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



TYPICAL ANCHORAGE LAY-OUT
(SEE SHEET 4 FOR ANCHOR DETAILS)

2X BUCK ANCHORAGE
TO MATCH SPACING
LAY-OUT



Pedro De Figueiredo
PE 52609
11/03/2025



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

PRODUCT CATEGORY: DOORS - SWING-IN
PRODUCT MATERIAL: WOOD / GLASS
IMPACT RATING: LARGE & SMALL MISSILE
GLAZED WOOD SWING-IN DOOR
SWIETENIA SERIES - SWING-IN DOORS

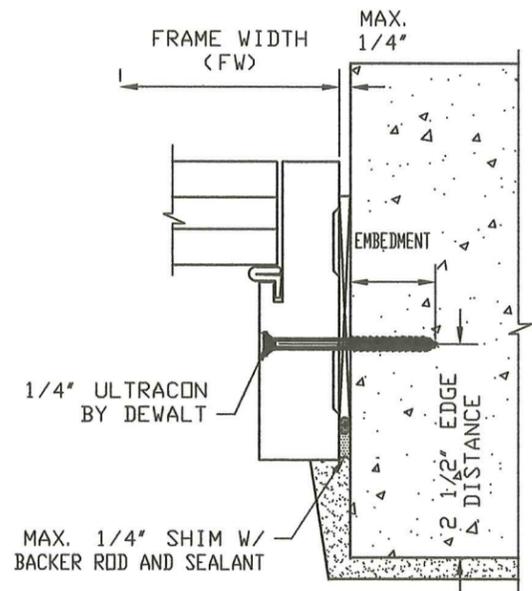
MANUFACTURER:
ROATAN
MAHOGANY USA INC.
7005 N. WATERWAY DR. 302
MIAMI FLORIDA 33155

MIAMI-DADE BCCO:

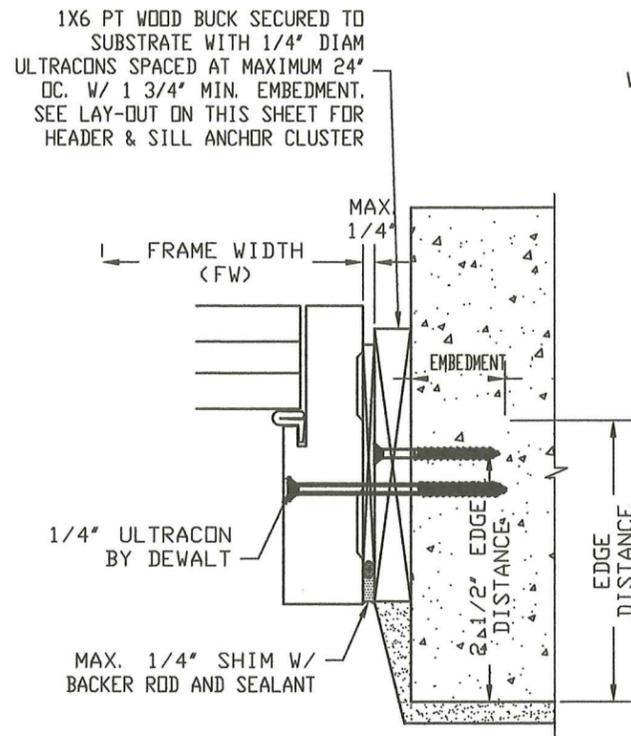
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 25-1211-05
Expiration Date 8/31/2029
By [Signature]
Miami Dade Product Control

SCALE:
NA
DATE:
11/03/2025
DRAWING #
23-158 IN
SHEET
3 OF 8

TYPICAL ANCHORAGE DETAILS

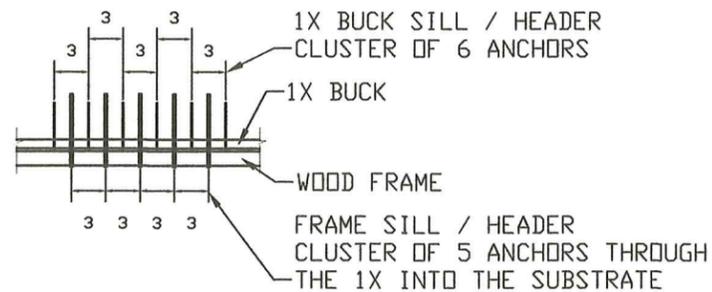


OPTION 1
FRAME WITH MAXIMUM 1/4" PT WOOD SHIM
1/4" ULTRACONS BY DEWALT WITH 1 1/4" MIN.
EMBEDMENT INTO MASONRY
(SEE SHEET 3 FOR ANCHORS LAY-OUT)

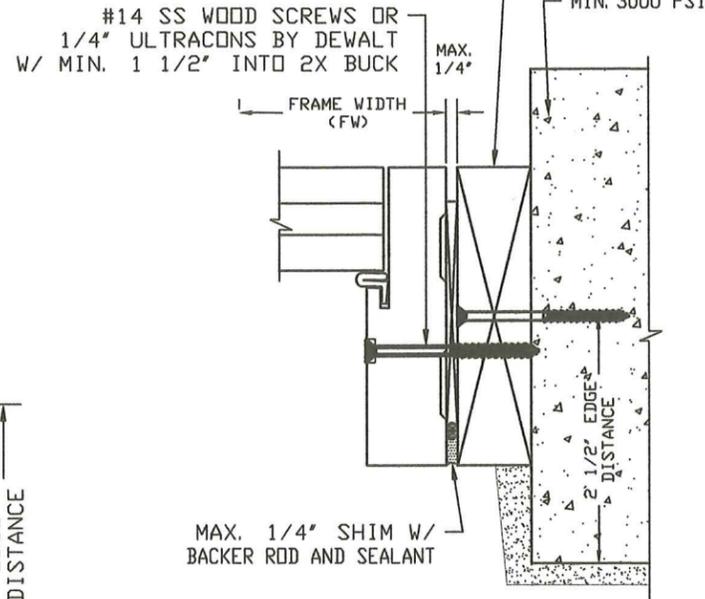


OPTION 2
FRAME WITH MAXIMUM 1/4" PT WOOD SHIM AND
1" PT CONT. WOOD SPACER
1/4" ULTRACONS BY DEWALT WITH 1 1/4" MIN.
EMBEDMENT INTO MASONRY
(SEE SHEET 3 FOR ANCHORS LAY-OUT)

OPTION 2 - 1X LAY-OUT AT HEADER & SILL CLUSTER OF ANCHORS

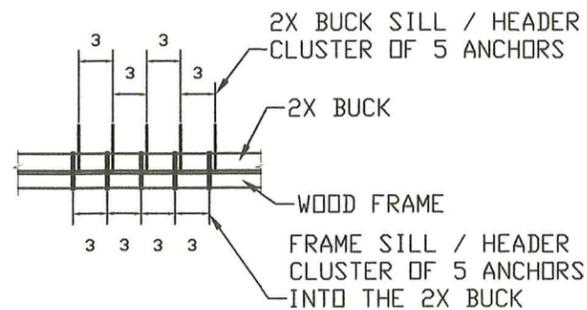


2X8 TRIMMED TO 6 1/2" PT WOOD BUCK
SECURED TO SUBSTRATE WITH 1/4" DIAM
ULTRACONS SPACED AT MAXIMUM 12" OC.
W/ 1 3/4" MIN. EMBEDMENT
IT MUST MATCH FRAMING LAY-OUT



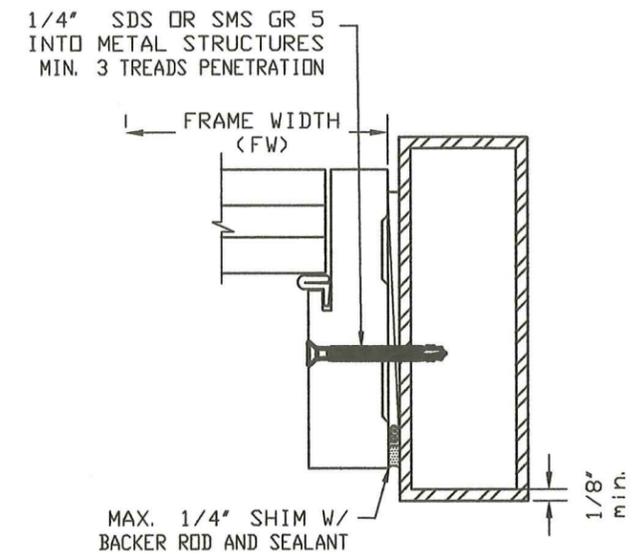
OPTION 3
FRAME WITH MAXIMUM 1/4" PT WOOD SHIM AND
SECURED TO THE 2X PT CONT. WOOD BUCK WITH
#14 SS WOOD SCREWS OR 1/4" ULTRACONS WITH
1 1/2" MIN. EMBEDMENT INTO WOOD (SG=.55)
(SEE SHEET 3 FOR ANCHORS LAY-OUT)

OPTION 3 - 2X LAY-OUT AT HEADER & SILL CLUSTER OF ANCHORS



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11/03/2025

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OPTION 4
FRAME WITH MAXIMUM 1/4" PT WOOD SHIM
1/4" SDS OR SMS GRADE 5 INTO MIN. 1/8"
A36 STEEL
(SEE SHEET 3 FOR ANCHORS LAY-OUT)

PRODUCT CATEGORY: DOORS - SWING-IN
PRODUCT MATERIAL: WOOD / GLASS
IMPACT RATING: LARGE & SMALL MISSILE
GLAZED WOOD SWING-IN DOOR
SWIETENIA SERIES - SWING-IN DOORS

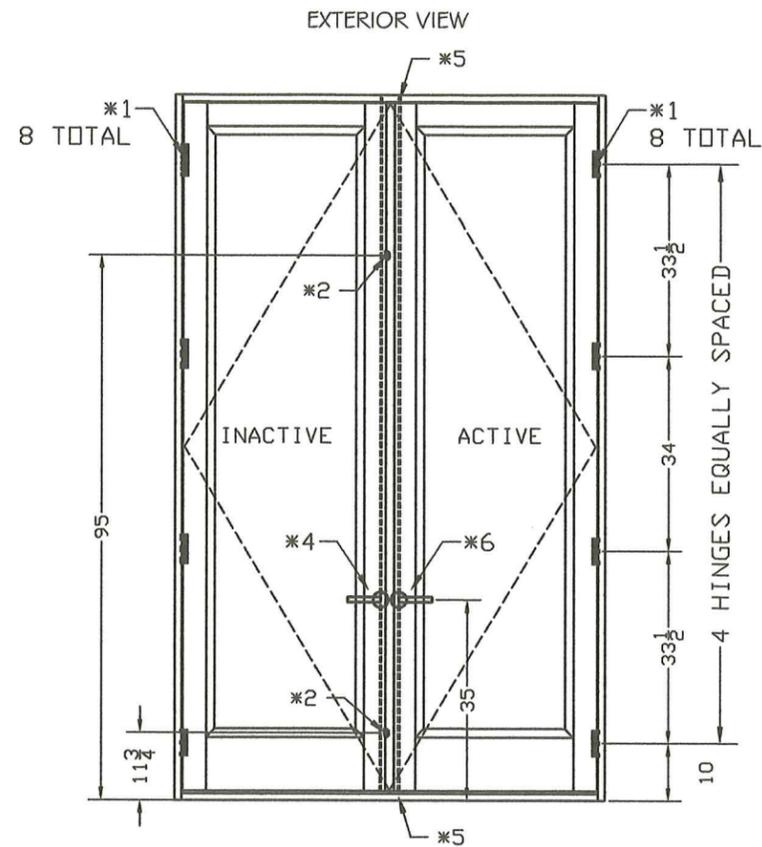
MANUFACTURER:
ROATAN
MAHOGANY USA INC.
7005 N. WATERWAY DR. 302
MIAMI FLORIDA 33155

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HARDWARE TYPE - LAY-OUT



HARDWARE TYPE 2 - PD= +75 PSF, -70 PSF					
ID	QTY	DESCRIPTION	LOCATION	PANEL	ATTACHMENT
1	8	4 1/2" x 4 1/2" DELTANA STEEL SURFACE MOUNT HINGES	10" FROM BOTTOM AND 34" EQUALLY SPACED	ACTIVE & INACTIVE	(8) #12X1 1/4" FHMS
2	2	FLUSH MOUNT STEEL KEEPERS BY HOPPE	11 3/4" AND 95" FROM BOTTOM	INACTIVE	(2) #8X 1/2" FH SMS
3	1	FLUSH MOUNT STEEL STRIKE PLATE BY HOPPE	35 1/2" FROM BOTTOM	INACTIVE	(3) #8X 1/2" FH SMS
4	1	SURFACE MOUNT STEEL 2PT LOCK SYSTEM W/ ACTIVATING LEVER TYPE HANDLES BY HOPPE	35" FROM BOTTOM	INACTIVE	(2) #8-32 X 2 3/4" FHMS
5	2	SURFACE MOUNT STEEL STRIKE PLATE BY HOPPE	MIDSPAN FRAME HEADER AND THRESHOLD	FRAME	(2) #14X3 1/4" FHMS
6	1	SURFACE MOUNT STEEL MULTI POINT 9000 SERIES LOCK SYSTEM WITH ACTIVATING LEVER TYPE HANDLES BY HOPPE	35" FROM BOTTOM	ACTIVE	(2) #8-32 X 2 3/4" FHMS



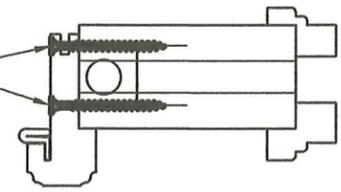
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PRODUCT CATEGORY: DOORS - SWING-IN
PRODUCT MATERIAL: WOOD / GLASS
IMPACT RATING: LARGE & SMALL MISSILE
GLAZED WOOD SWING-IN DOOR
SWIETENIA SERIES - SWING-IN DOORS

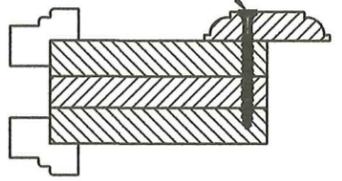
INACTIVE ASTRAGAL INSTALLATION TO DOOR STILE

FASTENED USING A STAGGERED ROW OF #8X 2" FH WOOD SCREWS SPACED FROM BOTTOM 10", 13 3/4", 93 1/2" AND 97"



ACTIVE ASTRAGAL INSTALLATION TO DOOR STILE

FASTENED USING SINGLE ROW OF #12 X 1" FH WOOD SCREWS SPACED AT 14 1/2" OC



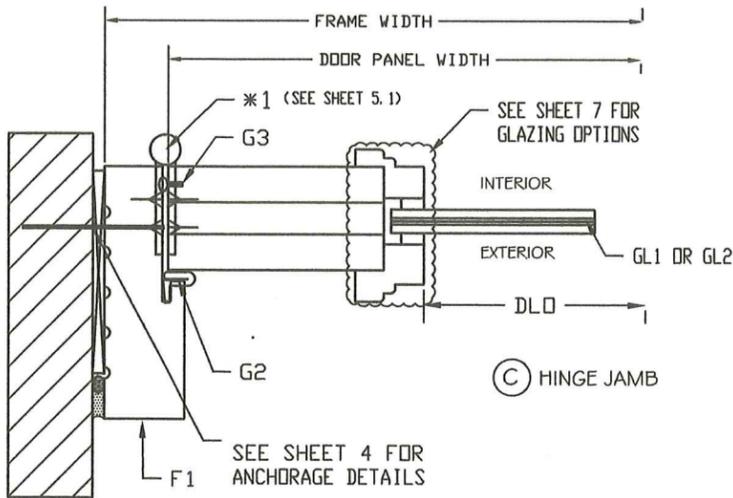
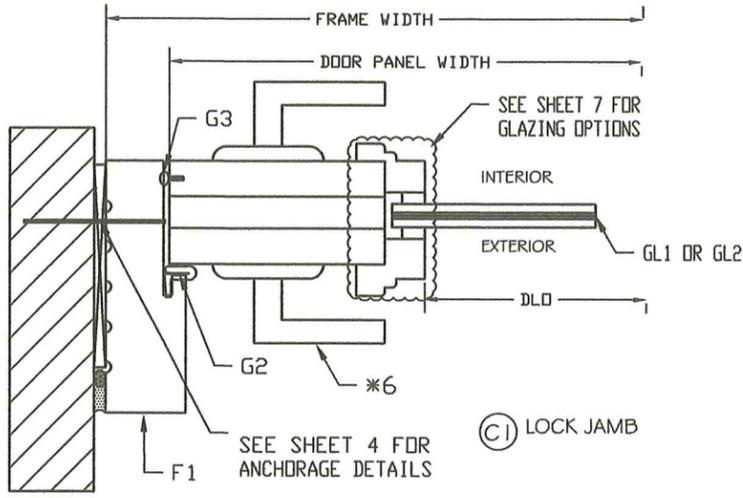
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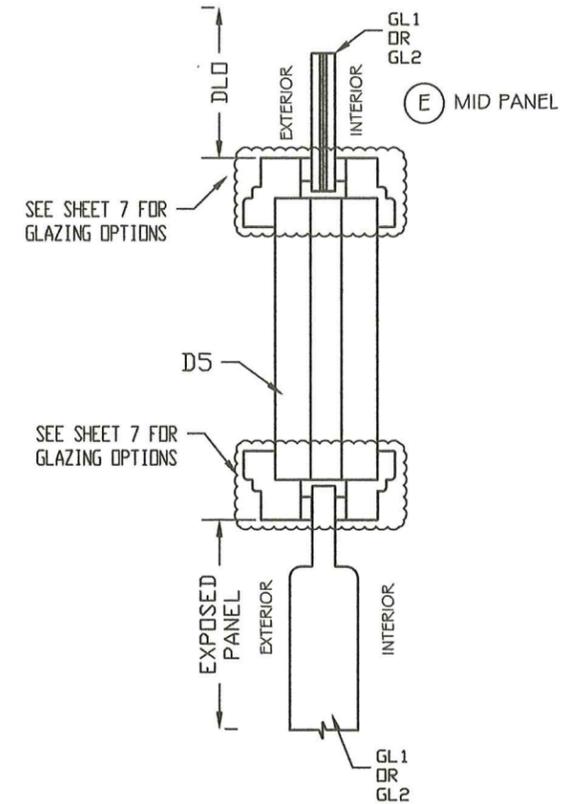
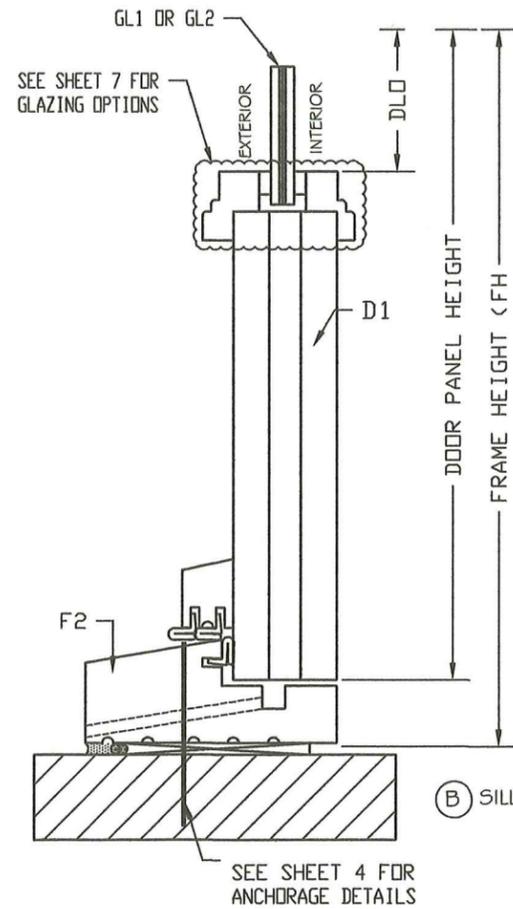
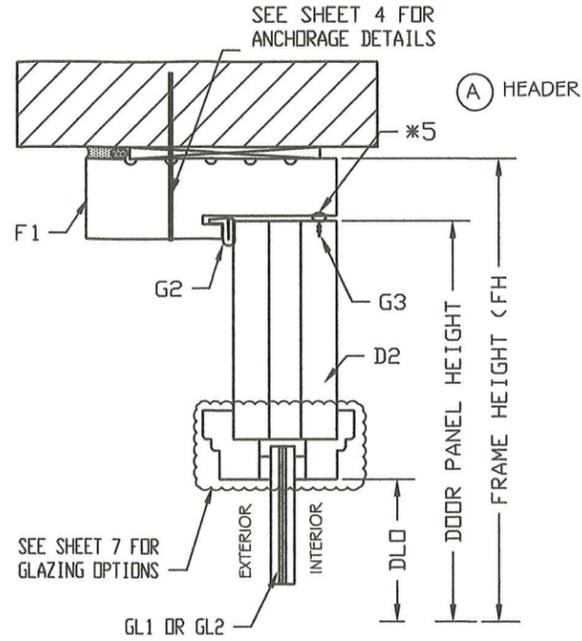
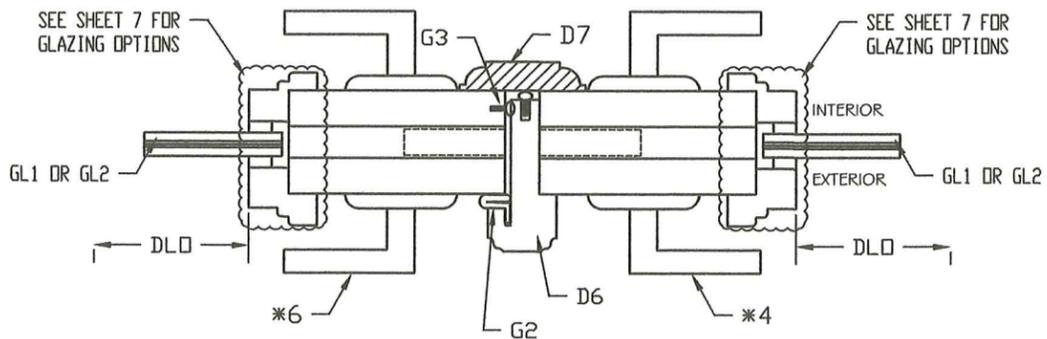
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CROSS SECTIONS WITH HARDWARE



SEE SHEET 6 FOR ASTRAGAL ASSEMBLY

(D) MEETING STILES



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PRODUCT CATEGORY: DOORS - SWING-IN
PRODUCT MATERIAL: WOOD / GLASS
IMPACT RATING: LARGE # SMALL MISSILE
GLAZED WOOD SWING-IN DOOR
SWIETENIA SERIES - SWING-IN DOORS

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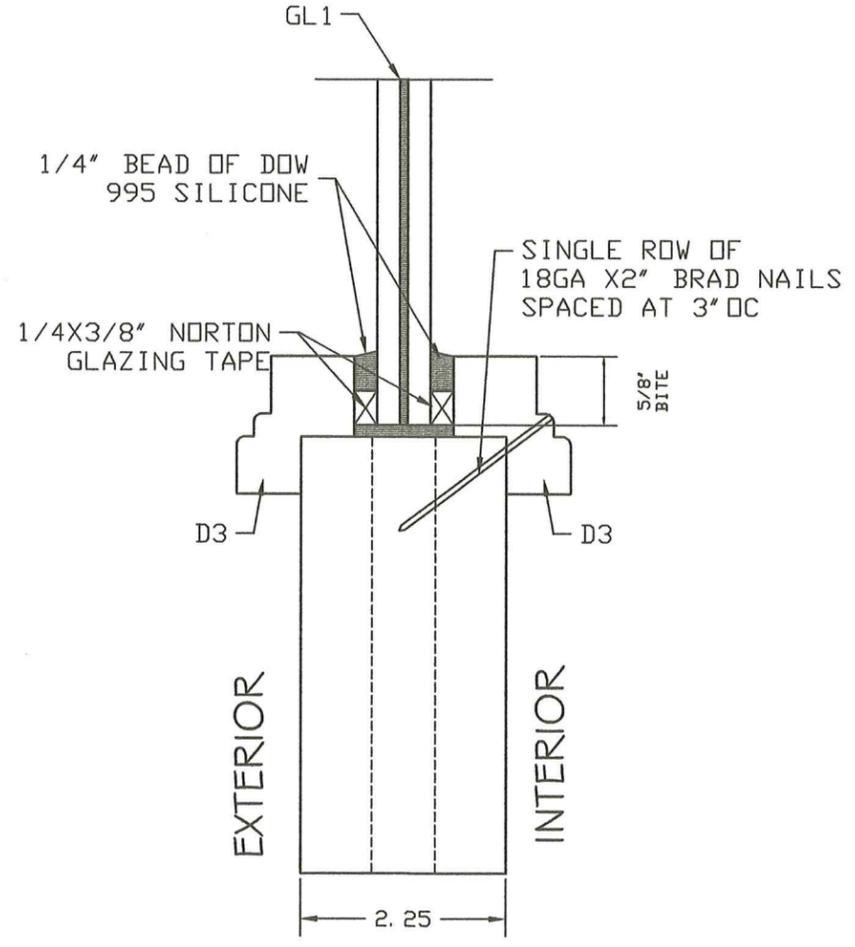
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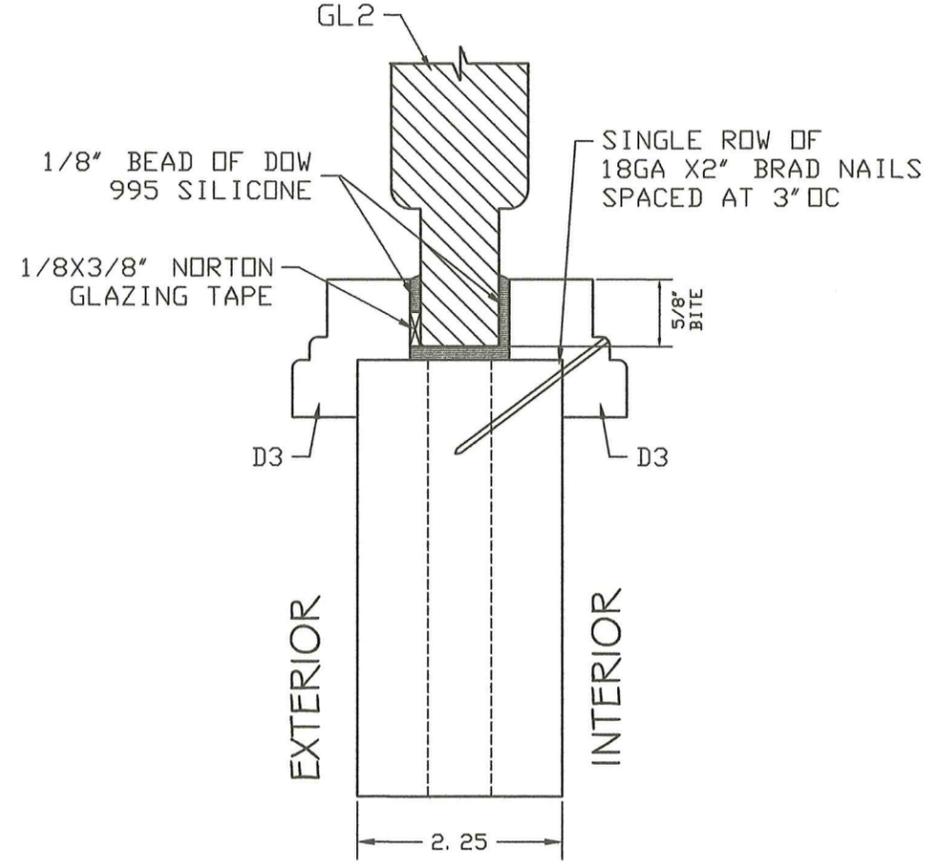
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GLAZING OPTIONS

A RATED: +65,-70 PSF



B RATED: +65,-70 PSF



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PRODUCT MATERIAL: WOOD / GLASS
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GLAZED WOOD SWING-IN DOOR
SWIETENIA SERIES - SWING-IN DOORS

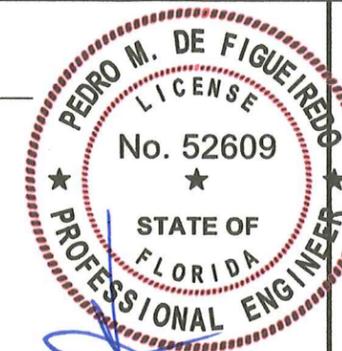
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Miami Dade Product Council

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PRODUCT COMPONENTS, BILL OF MATERIALS AND ASSEMBLY



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11/03/2025

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ENGINEER SEAL
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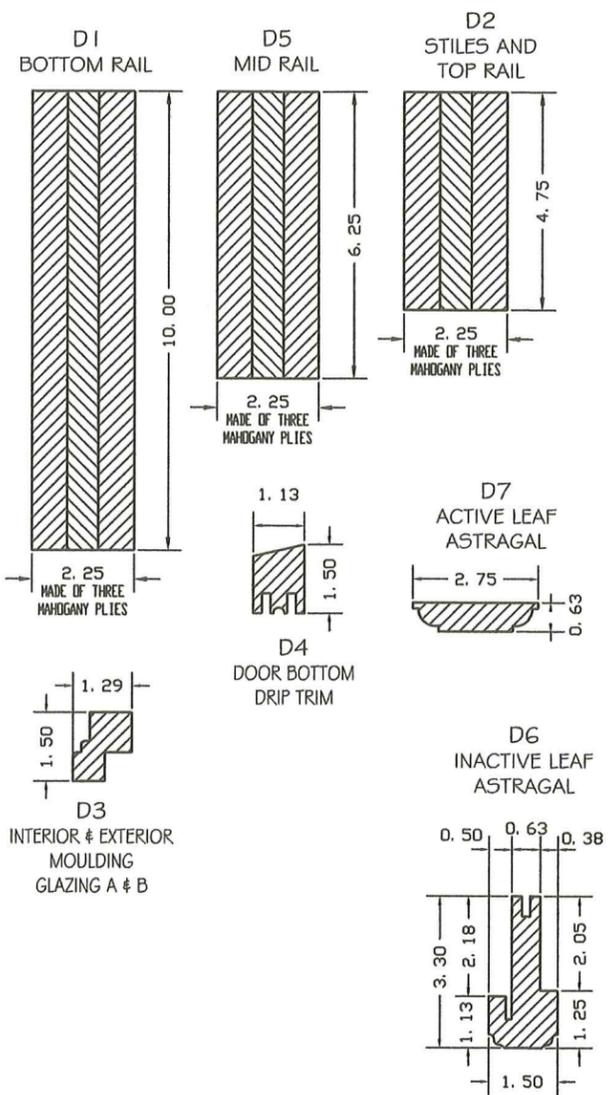


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PRODUCT MATERIAL: WOOD / GLASS
IMPACT RATING: LARGE & SMALL MISSILE
GLAZED WOOD SWING-IN DOOR
SWIETENIA SERIES - SWING-IN DOORS

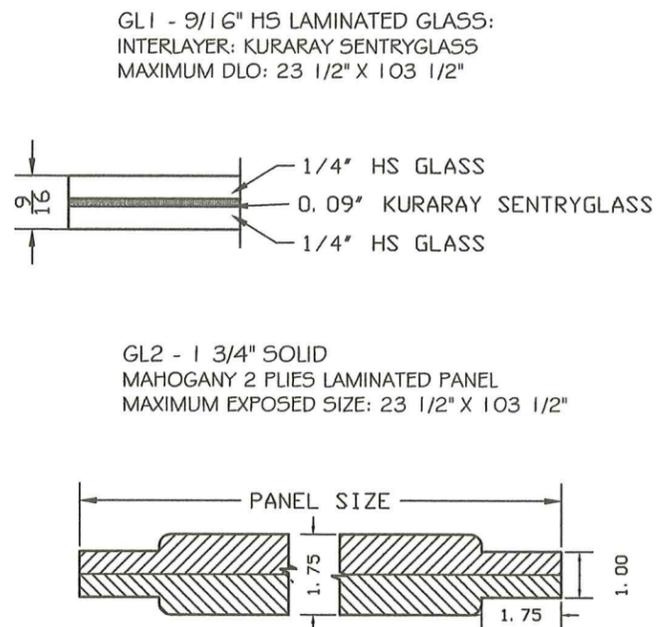
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DATE: 11/03/2025
DRAWING #: 23-158 IN
SHEET: 8 OF 8

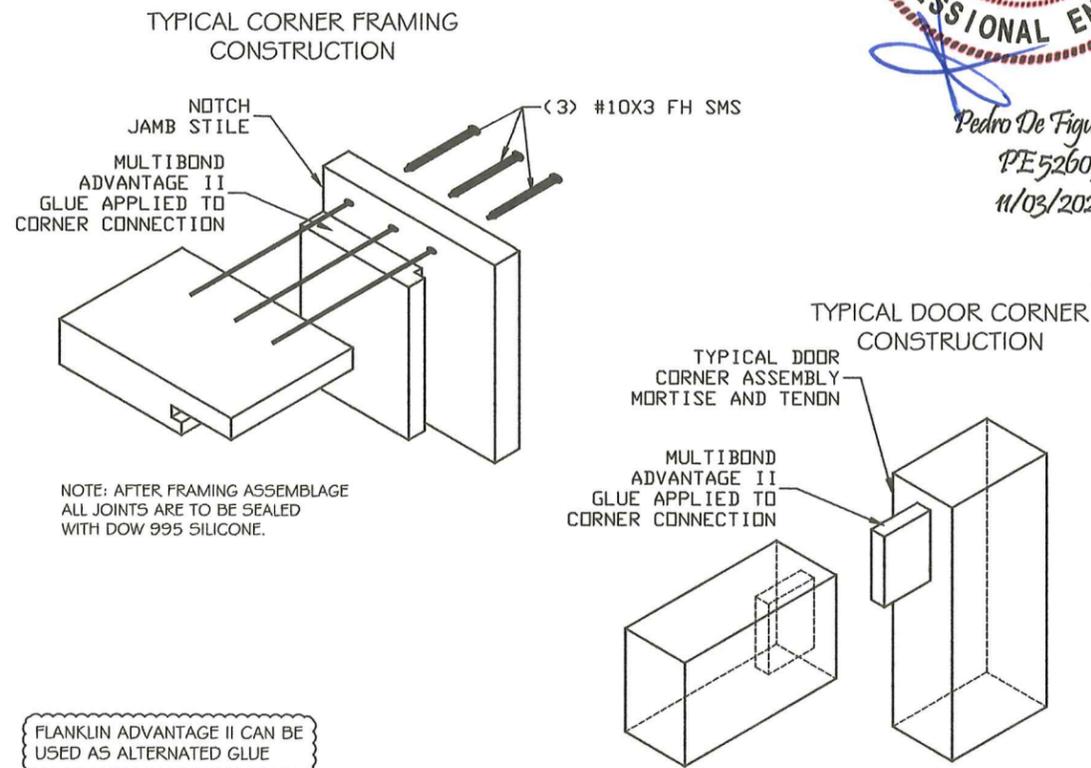
DOOR PARTS



CLADDING

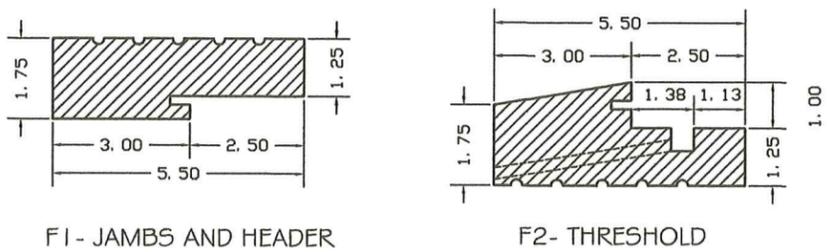


FRAME AND DOOR ASSEMBLY



FLANKLIN ADVANTAGE II CAN BE USED AS ALTERNATED GLUE

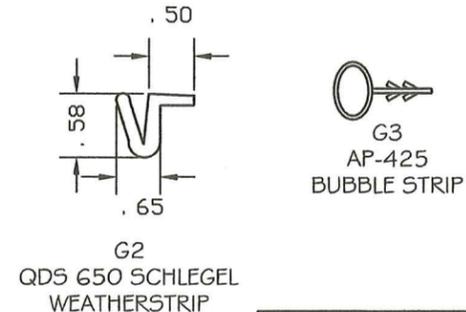
FRAME PARTS



BILL OF MATERIALS

ITEM#	DESCRIPTION	SIZE	REMARKS
D1	BOTTOM RAIL	2.25" X 10"	MAHOGANY WOOD
D2	TOP RAIL & STILES	2.25" X 4.75"	MAHOGANY WOOD
D3	MOULDING FOR GLAZING TYPE A OR B	1.50" X 1.29"	MAHOGANY WOOD
D4	DOOR BOTTOM DRIP TRIM	1.13" X 1.5"	MAHOGANY WOOD
D5	MID RAIL	2.25" X 6.25"	MAHOGANY WOOD
D6	INACTIVE ASTRAGAL	3.30" X 1.50"	MAHOGANY WOOD
D7	ACTIVE ASTRAGAL	2.75" X 0.63"	MAHOGANY WOOD
GL1	IMPACT GLASS	9/16" LAMINATED	BY KURARAY
GL2	LAMINATED WOOD PANEL	1.75" THICK	MAHOGANY WOOD
F1	JAMB AND HEADER	1.75" X 5.50"	MAHOGANY WOOD
F2	SILL	2.25" X 5.50"	MAHOGANY WOOD
G1	NA	NA	NA
G2	FRAME SEAL	0.65" X 0.58"	SCHEGEL QDS 650
G3	FRAME SEAL	BUBBLE STRIP	AP-425

WEATHER GASKETS



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