



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

**Exclusive Wood Doors, Inc.**  
**1950 N. W. 70th Ave.**  
**Miami, Florida 33126**

**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 "EWD" Outswing Glazed Wood Doors-L. M. Impact**

**APPROVAL DOCUMENT:** Drawing No. **EXD003R6**, titled "Outswing Glazed Wood Door", sheets 1 thru 13 of 13 dated 11/17/10 and last revised on 02/12/21, prepared by CATEGORY 5 Engineering Services, Inc., signed and sealed by Emma T. Mellinger, 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 double doors Standard Lock options (items #11, 12 & 13) sheets **2, 3 & 4**, See multi-point lock option (items #12, 14 & 15) in sheets **2, 3 & 4**. See Single door standard Lock option, multi-point lock option and additional 3-point with surface bolts (items #11, 12 & 16) in sheet **5**.
2. **Partial** raised panels are limited to max. **23" W X 27" H**. See glazing options in sheet **10**.
3. Max **DLO** (day light opening) allowed = **24"** wide X **104"** high.
4. Five cluster anchors at double door astragal required (see elevation sheets **2, 3 & 4**). See strike screws note in sheet **12**.

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, **Santa Cruz, Bolivia** 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 #21-0719.05** and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4 & E-5, as well as approval document mentioned above.

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



*Ishaq I. Chanda*

**NOA No. 23-1024.05**  
**Expiration Date: August 11, 2026**  
**Approval Date: November 30, 2023**  
**Page 1**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. Evidence submitted under previous approvals**

**A. DRAWINGS**

1. Manufacturer's parts and sections drawings (submitted under files referenced below)
2. Drawing No. **EXD003R6**, titled "Outswing Glazed Wood Door", sheets 1 thru 13 of 13 dated 11/17/13 and last revised on 06/25/14, prepared by CATEGORY 5 Engineering Services, Inc., signed and sealed by Emma T. Mellinger, P.E.

**B. TESTS (submitted under files #13-1224.10 /#10-1220.02)**

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) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
  - 5) Large Missile impact Test per FBC, TAS 201-94
  - 6) Cyclic Wind Pressure Loading per FBC, TAS 203-94

Along with marked-up drawings and installation diagram of Outswing Glazed Wood doors, prepared by Certified Testing Laboratories, Test Report No(s). **CTLA 2016W**, dated 11/15/10, signed & sealed by Ramesh Patel, P.E.

(These test reports have been revised by an addendum letter dated April 02, 2010, issued by Certified Testing Lab, signed & sealed by Ramesh Patel, P.E. Additionally revised raised panel detail marked-up by Certified Testing lab dated 06/23/11 has been provided)

**C. CALCULATIONS (submitted under files #13-1224.10)**

1. Anchor verification calculations, dated 12/21/13, 05/16/14, 06/06/14 and last revised on 06/12/14, prepared by CATEGORY 5 Engineering Services, Inc., signed & sealed by Emma T. Mellinger, P.E.
2. Glazing complies with ASTM E-1300-02 & 04.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **12-1231.09** issued to Eastman Chemical Company (MA) former Solutia, for "Saflex clear or color glass interlayer", expiring on 04/04/2018.

**F. STATEMENTS (except item #1, all other items submitted under file #13-1224.10)**

1. Statement letters of conformance to FBC 2014 (5<sup>th</sup> Edition) and "No financial interest", both dated 03/30/15, signed & sealed by prepared by CATEGORY 5 Engineering Services, Inc., signed and sealed by Emma T. Mellinger, P.E.
2. Statement letter of Successor Engineer adopting as her own the work of another Engineer per FAC chapter 61G15-27.001, dated 03/04/14, signed and sealed by Emma T. Mellinger, P.E.
3. Addendum letter dated 04/02/10, issued by Certified Testing Lab, signed by Ramesh Patel, P. E.
4. Statement of compliance issued as part of the above referenced test report issued by Certified Testing Laboratories.
5. Distribution Agreement between Importadora y Exportadora Liguria SRL, Bolivia and Exclusive Wood Doors, USA, dated 04/02/14, signed by Andres Pucci and Fernando Nisenbaum, respectively.

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 23-1024.05**  
**Expiration Date: August 11, 2026**  
**Approval Date: November 30, 2023**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**G. OTHER**

1. This NOA revises & renews NOA # 10-1220.01, expiring 08/11/16.
2. Test proposal # 09-1386 dated 11/19/09, approved by BCCO. (Submitted under files #13-1224.10 /#10-1220.02)
3. The 2-1/2 mid rail photographic evidence from test video and raised panel detail marked-up drawing dated 06/23/11, issued by Certified Testing (submitted under files #13-1224.10 /#10-1220.01).

**2. Evidence submitted under previous approval**

**A. DRAWINGS**

1. Drawing No. **EXD003R6**, titled “Outswing Glazed Wood Door”, sheets 1 thru 13 of 13 dated 11/17/13 and last revised on 06/25/14, prepared by CATEGORY 5 Engineering Services, Inc., signed and sealed by Emma T. Mellinger, P.E.

**B. TESTS**

1. None.

**C. CALCULATIONS (submitted under files #13-1224.09)**

1. None.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. None.

**F. STATEMENTS**

1. Statement letters of conformance to FBC 2017 (6<sup>th</sup> Edition) and “No financial interest”, both dated 01/02/18, signed & sealed by prepared by CATEGORY 5 Engineering Services, Inc., signed and sealed by Emma T. Mellinger, P.E.
2. Distribution Agreement between Importadora y Exportadora Liguria SRL, Bolivia and Exclusive Wood Doors, USA, dated 04/02/14, signed by Andres Pucci and Fernando Nisenbaum, respectively.

**G. OTHER**

1. This NOA revises NOA # 15-0413.12, expiring 08/11/21.

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 23-1024.05**  
**Expiration Date: August 11, 2026**  
**Approval Date: November 30, 2023**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**3. Evidence submitted under previous approval**

**A. DRAWINGS**

1. Drawing No. **EXD003R6**, titled “Outswing Glazed Wood Door”, sheets 1 thru 13 of 13 dated 11/17/13 and last revised on 02/12/21, prepared by CATEGORY 5 Engineering Services, Inc., signed and sealed by Emma T. Mellinger, 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 letters of conformance to FBC 2020 (7<sup>th</sup> Edition) and “No financial interest”, both dated 10/30/20, signed & sealed by prepared by CATEGORY 5 Engineering Services, Inc., signed and sealed by Emma T. Mellinger, P.E.
2. Distribution Agreement between Importadora y Exportadora Liguria SRL, Bolivia and Exclusive Wood Doors, USA, dated 04/02/14, signed by Andres Pucci and Fernando Nisenbaum, respectively. (Submitted under previous approval).

**G. OTHER**

1. This NOA revises NOA # 18-0122.17, expiring 08/11/21.

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 23-1024.05**  
**Expiration Date: August 11, 2026**  
**Approval Date: November 30, 2023**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**4. New Evidence submitted**

**A. DRAWINGS**

1. Drawing No. **EXD003R6**, titled “Outswing Glazed Wood Door”, sheets 1 thru 13 of 13 dated 11/17/13 and last revised on 02/12/21, prepared by CATEGORY 5 Engineering Services, Inc., signed and sealed by Emma T. Mellinger, 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 ((submitted under previous approval)**

1. Statement letters of conformance to FBC 2020 (7<sup>th</sup> Edition) and “No financial interest”, both dated 10/30/20, signed & sealed by prepared by CATEGORY 5 Engineering Services, Inc., signed and sealed by Emma T. Mellinger, P.E.
2. Distribution Agreement between Importadora y Exportadora Liguria SRL, Bolivia and Exclusive Wood Doors, USA, dated 04/02/14, signed by Andres Pucci and Fernando Nisenbaum, respectively.

**G. OTHER**

1. This NOA **renews NOA # 20-1110.04**, expiring 08/11/26.

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 23-1024.05**  
**Expiration Date: August 11, 2026**  
**Approval Date: November 30, 2023**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**5. New Evidence submitted**

**A. DRAWINGS**

1. Drawing No. **EXD003R6**, titled “Outswing Glazed Wood Door”, sheets 1 thru 13 of 13 dated 11/17/13 and last revised on 02/12/21, prepared by CATEGORY 5 Engineering Services, Inc., signed and sealed by Emma T. Mellinger, 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 (Items 2 & 3 submitted under previous approval)**

1. Statement letters of conformance to FBC 2023 (8<sup>th</sup> Edition) dated 11/20/23, signed & sealed by prepared by CATEGORY 5 Engineering Services, Inc., signed and sealed by Emma T. Mellinger, P.E
2. Statement letters of conformance to FBC 2020 (7<sup>th</sup> Edition) and “No financial interest”, both dated 10/30/20, signed & sealed by prepared by CATEGORY 5 Engineering Services, Inc., signed and sealed by Emma T. Mellinger, P.E.
3. Distribution Agreement between Importadora y Exportadora Liguria SRL, Bolivia and Exclusive Wood Doors, USA, dated 04/02/14, signed by Andres Pucci and Fernando Nisenbaum, respectively.

**G. OTHER**

1. This NOA **revises NOA # 21-0719.05** and updated to FBC 2023, expiring 08/11/26.

\_\_\_\_\_ Ishag I. Chanda  
I. Chanda, P.E.  
Product Control Unit Supervisor  
NOA No. 23-1024.05  
Expiration Date: August 11, 2026  
Approval Date: November 30, 2023



1. The Product Shown Herein is Designed and Manufactured to Comply with the Florida Building Code (FBC) , including the High Velocity Hurricane Zone (HVHZ) and has been Tested and Evaluated in Accordance with the Following Standards
  - TAS 201-94
  - TAS 202-94
  - TAS 203-94
2. Adequacy of the Existing Structural Concrete, Masonry, 2" x PT Wood, or Metal Stud Framing as a Main Wind Force Resisting System Capable of Withstanding and Transferring Applied Product Loads to the Foundation is the Responsibility of the Engineer or Architect of Record for the Project of Installation.
3. 1" x and 2" x PT Wood Bucks (when used) Shall be Designed and Anchored to Properly Transfer all Loads to the Supporting Structure. Buck Design and Installation is the Responsibility of the Engineer or Architect of Record for the Project of Installation.
4. The Installation Details Described Herein are Generic and May Not Reflect Actual Conditions for a Specific Site. If Site Conditions Cause Installation to Deviate From the Requirements Detailed Herein, a Licensed Engineer or Architect Shall Prepare Site Specific Documents for Use with this Document in Non-HVHZ Areas Only. All Such Documents Shall be Reviewed by the Authority Having Jurisdiction.
5. Deviation from This NOA within the HVHZ Requires One-Time Approval from Miami-Dade County.
6. An Approved Impact Protective System is Not Required to Protect this Product in Areas Requiring Impact Resistance.
7. Allowable Materials for Door Frame and Panels:
  - Brazilian Mahogany (*cedrela catenaeformis*, min. sg=0.55)
  - Tropical Walnut (*cariniana estrellensis*, min sg=0.68)
8. Designation "X" Stands for a Single Operable Panel. Designation "XX" Stands for a Double Operable Panel [One Active, the Other Inactive].
9. Compliance with Egress Requirements of this Door Shall be Reviewed by the Authority Having Jurisdiction.
10. Custom Sizes and Designs Outside the Scope of this NOA are Available by Request, and Must Follow the Procedures Outlined Above in Notes 4 and 5, as Applicable.

1. One (1) Installation Anchor is Required at Each Anchor Location Shown, Unless Otherwise Stated.
2. The Anchor Spacing Depicted is the Maximum Spacing Permitted for Product Installation.
3. Anchors Shall be Installed as Shown in the Appropriate Anchor Layout Drawing (Sheets 2, 3, 4, and 5). Anchors Shall be Located Either Beneath the Weatherstrip in the Thinner Part of the Jamb, or Through the Thicker Part of the Jamb. Anchors Shall be Spaced a Minimum of 3" on Center.
4. For Installation into 2" x PT Wood Buck use #14 Hilti Kwik-Flex Self Drilling Screws of Sufficient Length to Achieve 1½" Minimum Embedment into Wood Substrate, and ¾" Minimum Edge Distance in Wood.
5. For Installation Through Properly Secured 1" x PT Wood Buck to Concrete or Masonry, or Directly into Concrete or Masonry, use ¼" Diameter ELCO ULtraCon of Sufficient Length to Achieve 1¾" Minimum Embedment, and 2½" Minimum Edge Distance in Substrate.
6. For Installation Through 16 ga Steel Stud or ⅛" Minimum Thickness Aluminum Mullion use #14 Hilti Kwik-Flex Self Drilling Screws of Sufficient Length to Achieve Minimum Penetration of 3 Threads Beyond Metal Structure, and ½" Minimum Edge Distance in Metal.
7. Minimum Embedment and Edge Distance Exclude Wall Finishes, such as Stucco, Foam, Brick Veneer, and Siding, etc.
8. Installation Anchors and Associated Hardware Made of Corrosion Resistant Material or Have Corrosion Resistant Coating.
9. For Grout Filled Block, Do Not Install Installation into Mortar Joints. Edge Distance is Measured From Free Edge of Block or Edge of Mortar Joint into Face Shell of Block.
10. Installation Anchors Shall be Installed in Accordance With Anchor Manufacturer's Installation Instructions. Anchors Shall not be Used in Substrates With Strengths Less than the Minimum Strength Specified by the Anchor Manufacturer, nor in Substrates with Properties Lower Than the Minimums Specified in Note 12 This Sheet.
11. **Hinges** Each Hinge Shall be Installed with (4) #12 Wood Screws from Hinge-to-Door, (3) #12 Wood Screws from Hinge-to-Frame, and **(1) Installation Anchor from Hinge Through Frame into Substrate** with Appropriate Embedment, Edge Distance, and Anchor Type.

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9	6	COMPONENTS and BILL OF MATERIALS
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13	6	QUALIFIED PANEL CONFIGURATIONS

DESIGN PRESSURE RATING		
Design Pressure - All Sizes		Missile Impact Rating
<b>+70 psf, -70 psf</b>	W/ Water Infiltration Required	Large and Small Missile Impact Rated
	W/O Water Infiltration Required	

12. Installation Anchor Capacities are Based on Substrate Materials with the Following Properties:

<b><u>Wood</u></b>	minimum specific gravity of 0.55.
<b><u>Concrete</u></b>	minimum compressive strength of 2,846 psi.
<b><u>Masonry</u></b>	conformance to ASTM C-90, Grade S or M. net f'c min = 1,924 psi, and Grout Conforming to ASTM C-476 with min f'g = 2000 psi.
<b><u>Steel</u></b>	min. yield strength of 33 ksi. min. wall thickness of 60 mils. (16 ga, or 0.060 in.)
<b><u>Aluminum</u></b>	min. 6063-T6 min. wall thickness of 0.125 in. Product-Approved Structural Mullion Only

13. All Substrates Shall be Designed by Others to Adequately Transfer Applied Loads, and Shall be Reviewed by the Building Official.

**PRODUCT REVISED**  
as complying with the Florida  
**Building Code**  
**NOA-No.** 20-1110.04  
**Expiration Date** 08/11/2021  
**By** Ishaq I. Chande  
**Miami-Dade Product Control**

**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
NOA-No. 21-0719.05  
**Expiration Date** 08/11/2026  
By Isaac L. Chank  
**Miami-Dade Product Control**

REVISIONS				<b>CATEGORY 5</b> Engineering Services, Inc.	1600 S. Federal Highway. #207 Pompano Beach, FL 33062 (954) 784-6991 • CA #25854	<b>DRAWING No.</b> EXD 003 R6
No	Date	By	Description			
1	12/17/13	EM	Update to Current FBC			
2	2/17/14	EM	Comments per Miami-Dade			
3	3/19/14	EM	Comments per Miami-Dade			
4	4/9/14	EM	Lock Hardware Clarification			
5	6/4/14	EM	Comments per Miami-Dade			
6	6/24/14	EM	CMU Anchors, Panel Thickness			
				Sheet	1 of 13	

**OUTSWING GLAZED WOOD DOOR  
LARGE MISSILE IMPACT RESISTANT**

Exclusive Wood Doors, Inc.  
1950 NW. 70th Ave, Miami, FL 33126

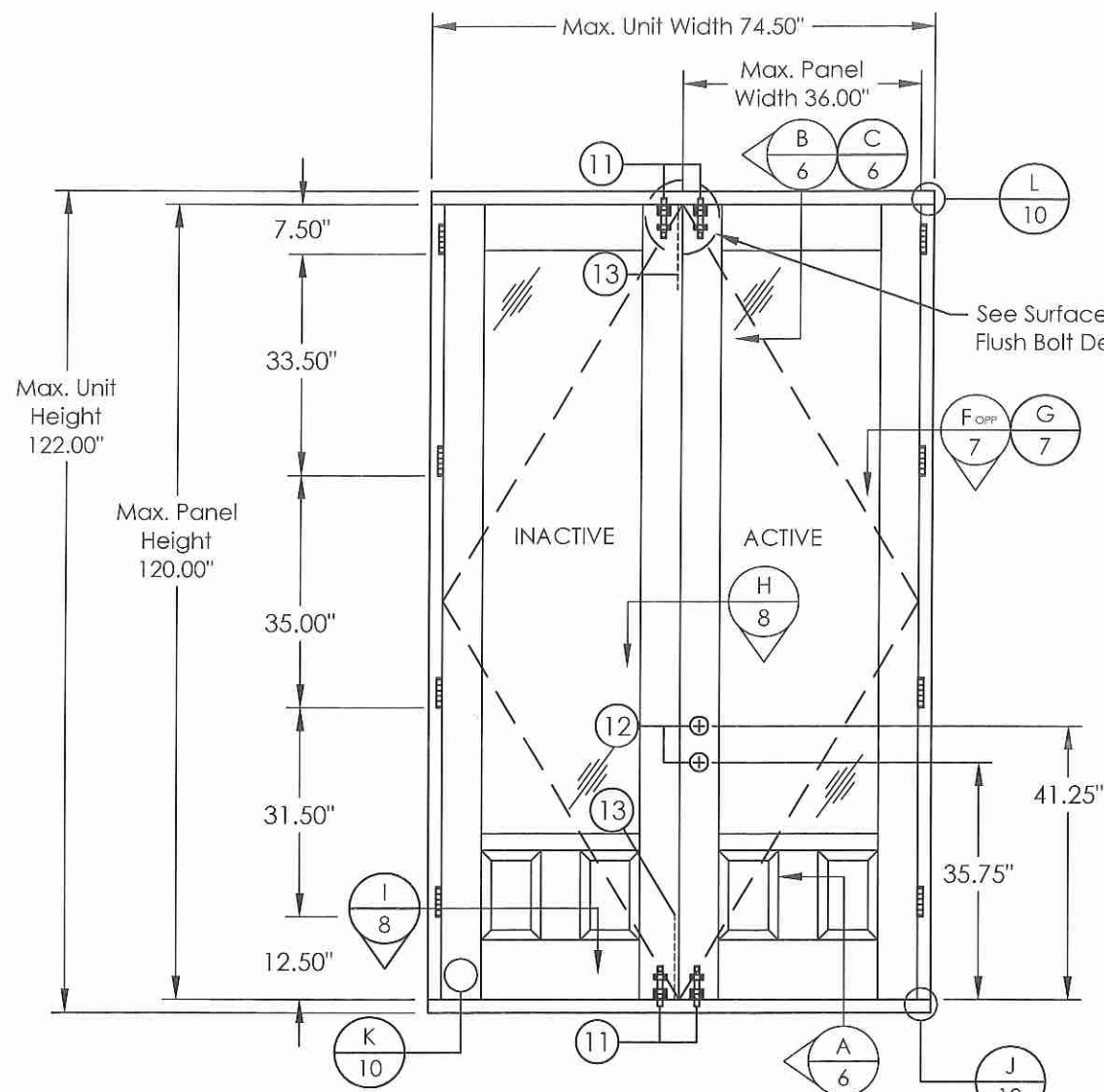
## GENERAL and INSTALLATION NOTES

EMMA T. MELLINGER  
LICENSE  
No 50049  
★  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER





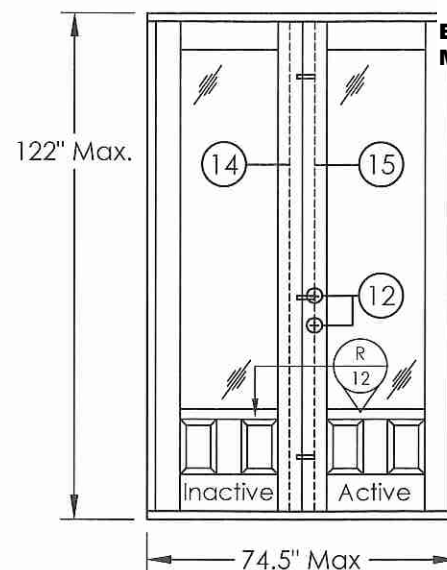




**ELEVATION**  
EXTERIOR VIEW (XX)  
STANDARD LOCK OPTION

**DOUBLE OUTSWING DOOR.**

- Square-Top Panel Configuration Shown.
- Other Allowed Configurations are Shown on Sheet 13.
- Either Right-Hand or Left-Hand Active Panel.
- Outswing Only.



**ELEVATION**

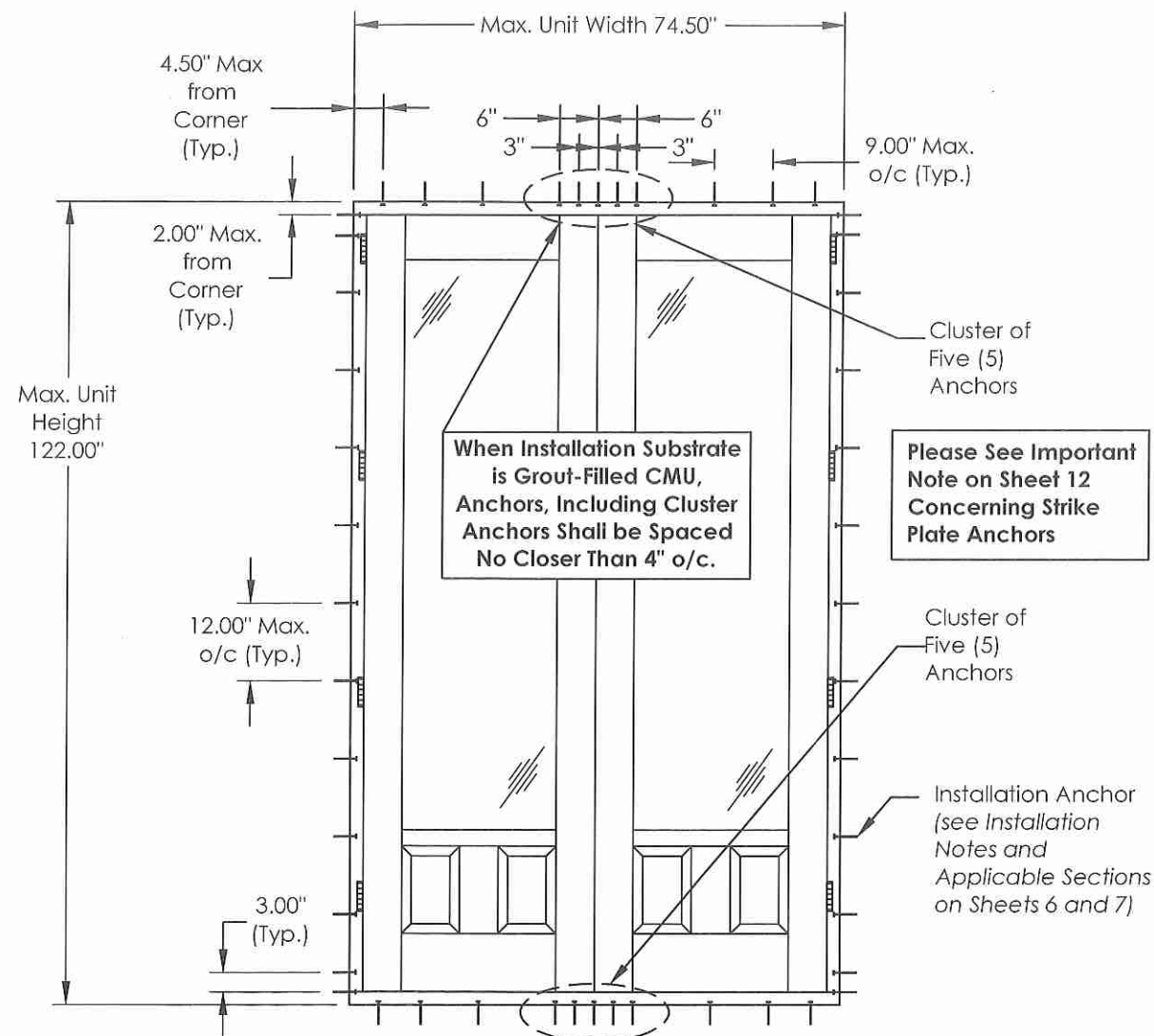
EXTERIOR VIEW (XX)  
MULTI-POINT LOCK OPTION  
See Details on Sheet 11,  
Including Shoot Bolt  
Engagement

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1024.05  
Expiration Date 08/11/2026

By *Ishaq I. Chande*  
Miami-Dade Product Control

Please See Important  
Note on Sheet 12  
Concerning Strike  
Plate Anchors

**ANCHOR LAYOUT**



**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1110.04  
Expiration Date 08/11/2021

By *Ishaq I. Chande*  
Miami-Dade Product Control

**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
NOA-No. 21-0719.05  
Expiration Date 08/11/2026

By *Ishaq I. Chande*  
Miami-Dade Product Control

REVISIONS	By	Description	Date
1	EM	Update to Current FBC	12/17/13
2	EM	Comments per Miami-Dade	2/17/14
3	EM	Comments per Miami-Dade	3/19/14
4	EM	Lock Hardware Clarification	4/9/14
5	EM	Comments per Miami-Dade	6/4/14
6	EM	CMU Anchors, Panel Thickness	6/24/14

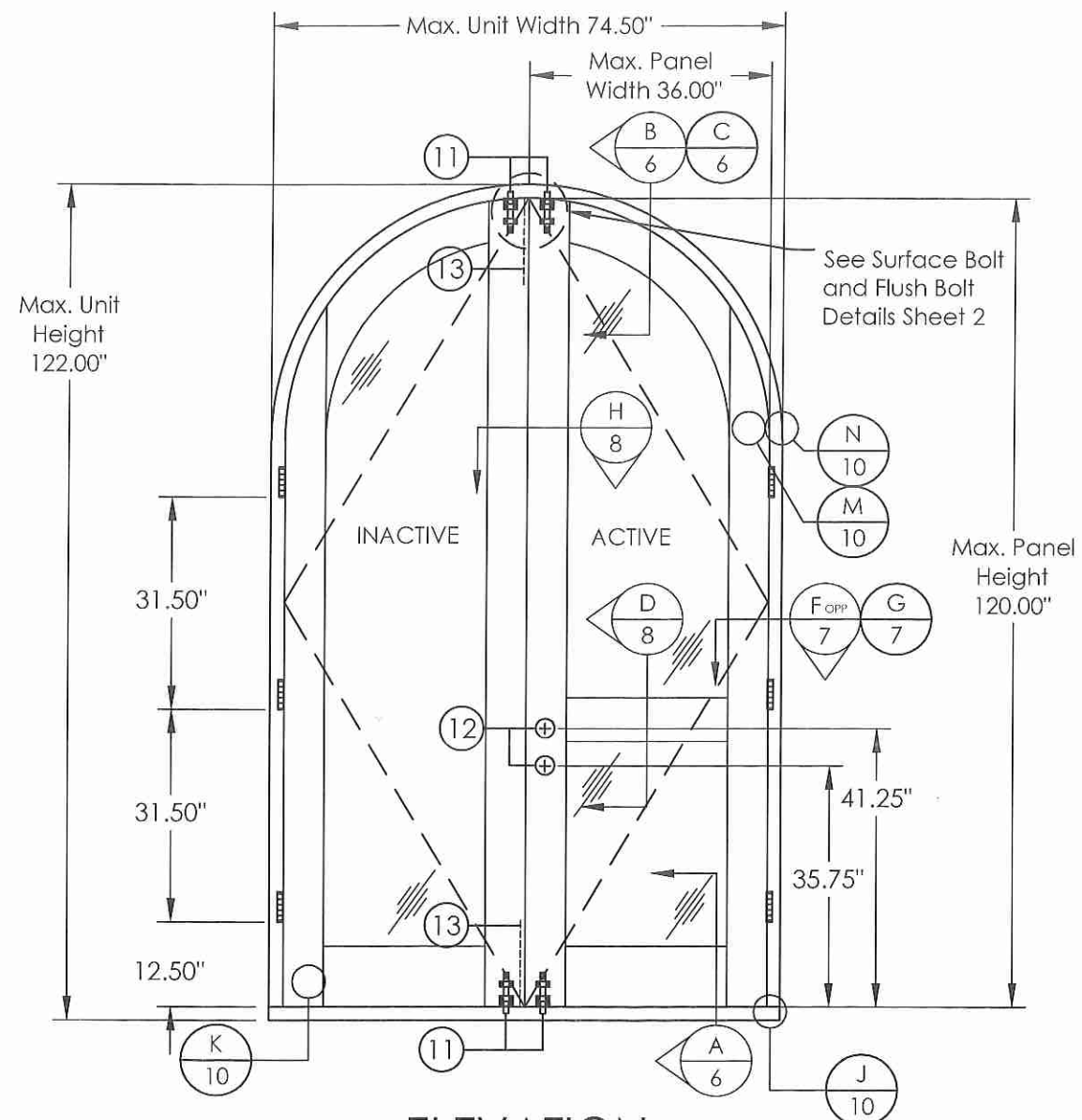
**OUTSWING GLAZED WOOD DOOR  
LARGE MISSILE IMPACT RESISTANT**  
Exclusive Wood Doors, Inc.  
1950 NW, 70th Ave, Miami, FL 33126

**ELEVATIONS and  
ANCHOR LAYOUTS (2)**

*EM*  
2/12/21

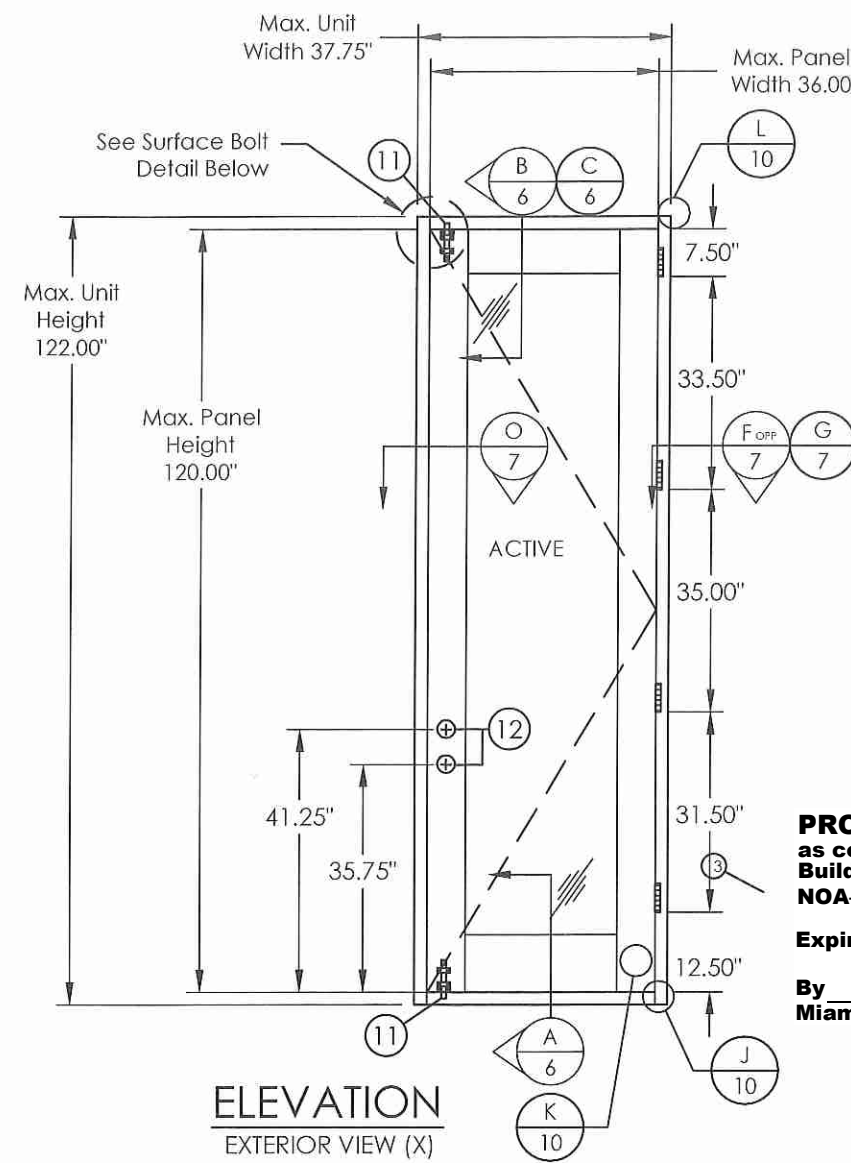
EMMA T. MELLINGER  
LICENSE  
No 50049  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER





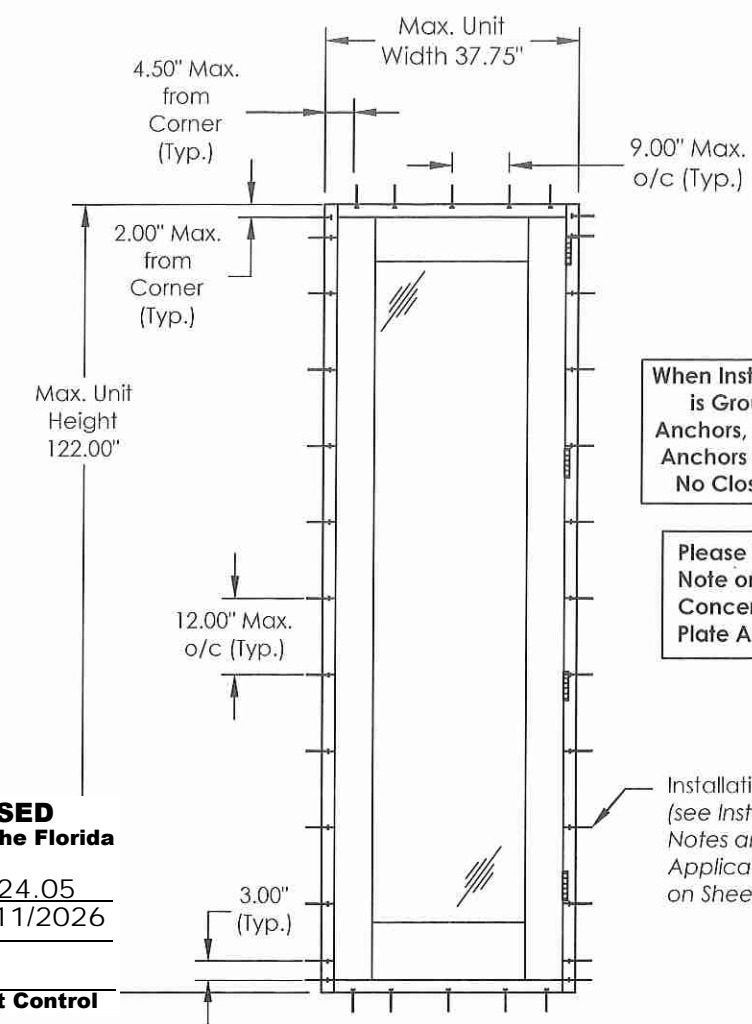
ELEVATION  
EXTERIOR VIEW (XX)





**ELEVATION**  
EXTERIOR VIEW (X)

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1024.05  
Expiration Date 08/11/2026  
By Ishag I. Chank  
Miami-Dade Product Control



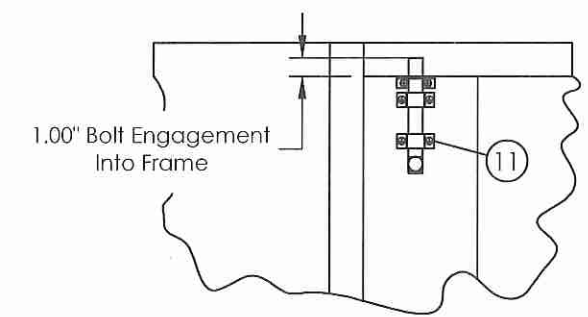
**ANCHOR LAYOUT**

When Installation Substrate  
is Grout-Filled CMU,  
Anchors, Including Cluster  
Anchors Shall be Spaced  
No Closer Than 4" o/c.

Please See Important  
Note on Sheet 12  
Concerning Strike  
Plate Anchors

Installation Anchor  
(see Installation  
Notes and  
Applicable Sections  
on Sheets 6 and 7)

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1110.04  
Expiration Date 08/11/2021  
By Ishag I. Chank  
Miami-Dade Product Control

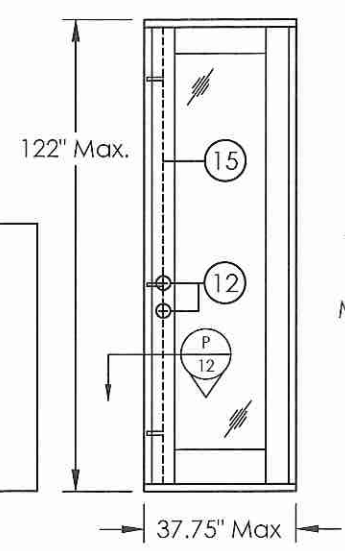


**SINGLE DOOR**  
**SURFACE BOLT DETAIL**

Located at Top and Bottom of  
Active Panel  
(Interior Side of Panel)

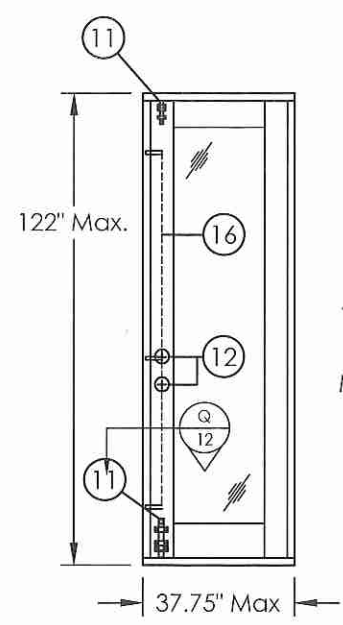
**SINGLE OUTSWING DOOR.**

- Single Square-Top Panel Configuration Shown.
- Other Allowed Configurations are Shown on Sheet 13.
- Either Right-Hand or Left-Hand.
- Outswing Only.



**ELEVATION**  
EXTERIOR VIEW (X)  
MULTI-POINT LOCK OPTION A:  
5-POINT LOCK  
See Details on Sheet 11  
Including Shoot Bolt  
Engagement

Please See Important  
Note on Sheet 12  
Concerning Strike  
Plate Anchors



**ELEVATION**  
EXTERIOR VIEW (X)  
MULTI-POINT LOCK OPTION B:  
3-POINT LOCK  
with SURFACE BOLTS  
See Details on Sheet 11

Please See Important  
Note on Sheet 12  
Concerning Strike  
Plate Anchors

**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
NOA-No. 21-0719.05  
Expiration Date 08/11/2026  
By Ishag I. Chank  
Miami-Dade Product Control

**CATEGORY 5**  
Engineering Services, Inc.

1600 S. Federal Highway, #207  
Pompano Beach, FL 33062  
(954) 784-6991 • CA #25854

**DRAWING No.**  
5 of 13  
Sheet  
EXD 003 R6

REVISIONS		Description	
No	Date	By	Description
1	12/17/13	EM	Update to Current FBC
2	2/17/14	EM	Comments per Miami-Dade
3	3/19/14	EM	Comments per Miami-Dade
4	4/9/14	EM	Lock Hardware
5	6/4/14	EM	Clarification
6	6/24/14	EM	Comments per Miami-Dade CMU Anchors, Panel Thickness

**OUTSWING GLAZED WOOD DOOR**  
**LARGE MISSILE IMPACT RESISTANT**

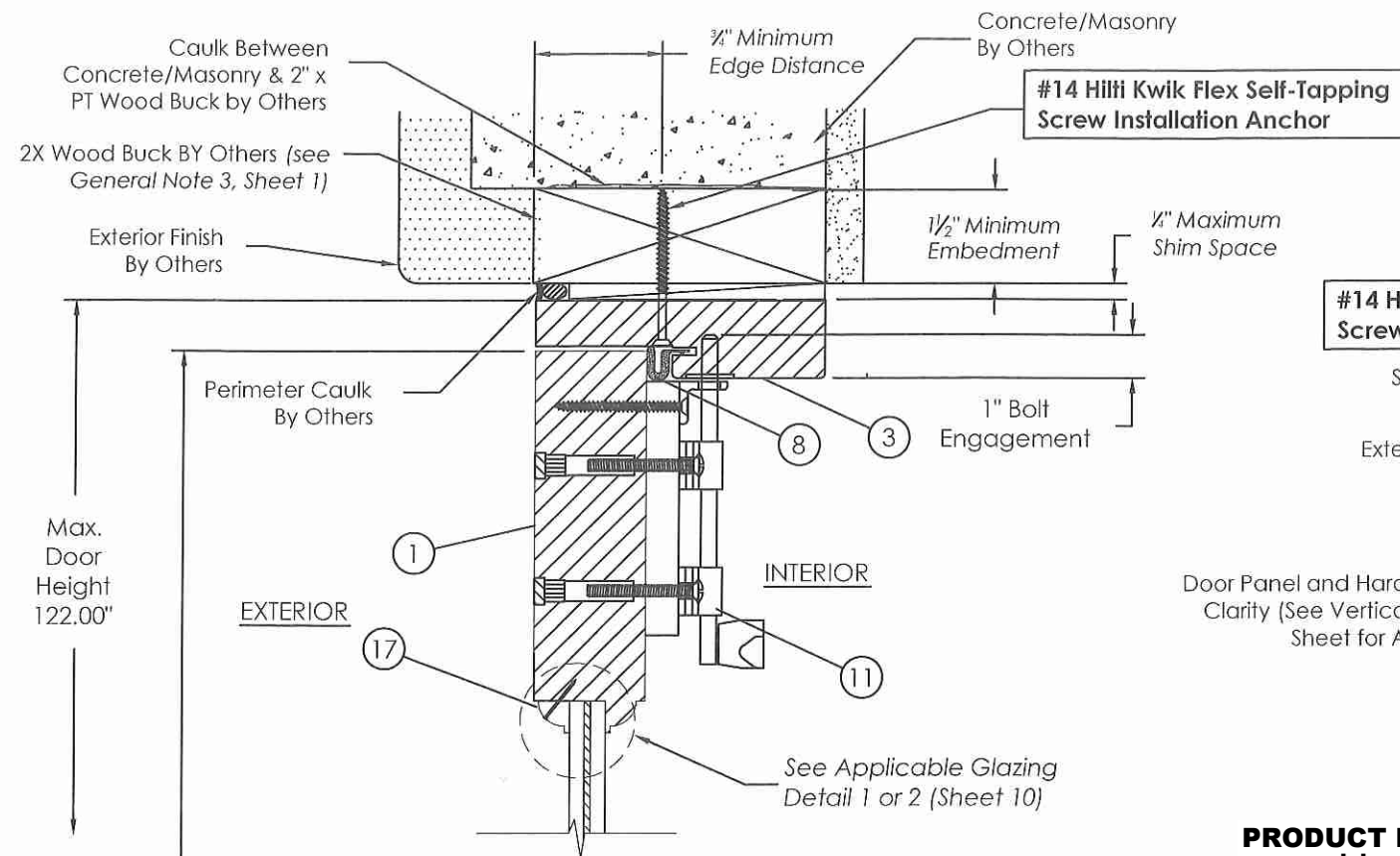
Exclusive Wood Doors, Inc.  
1950 NW, 70th Ave, Miami, FL 33126

**ELEVATIONS and**  
**ANCHOR LAYOUTS (4)**

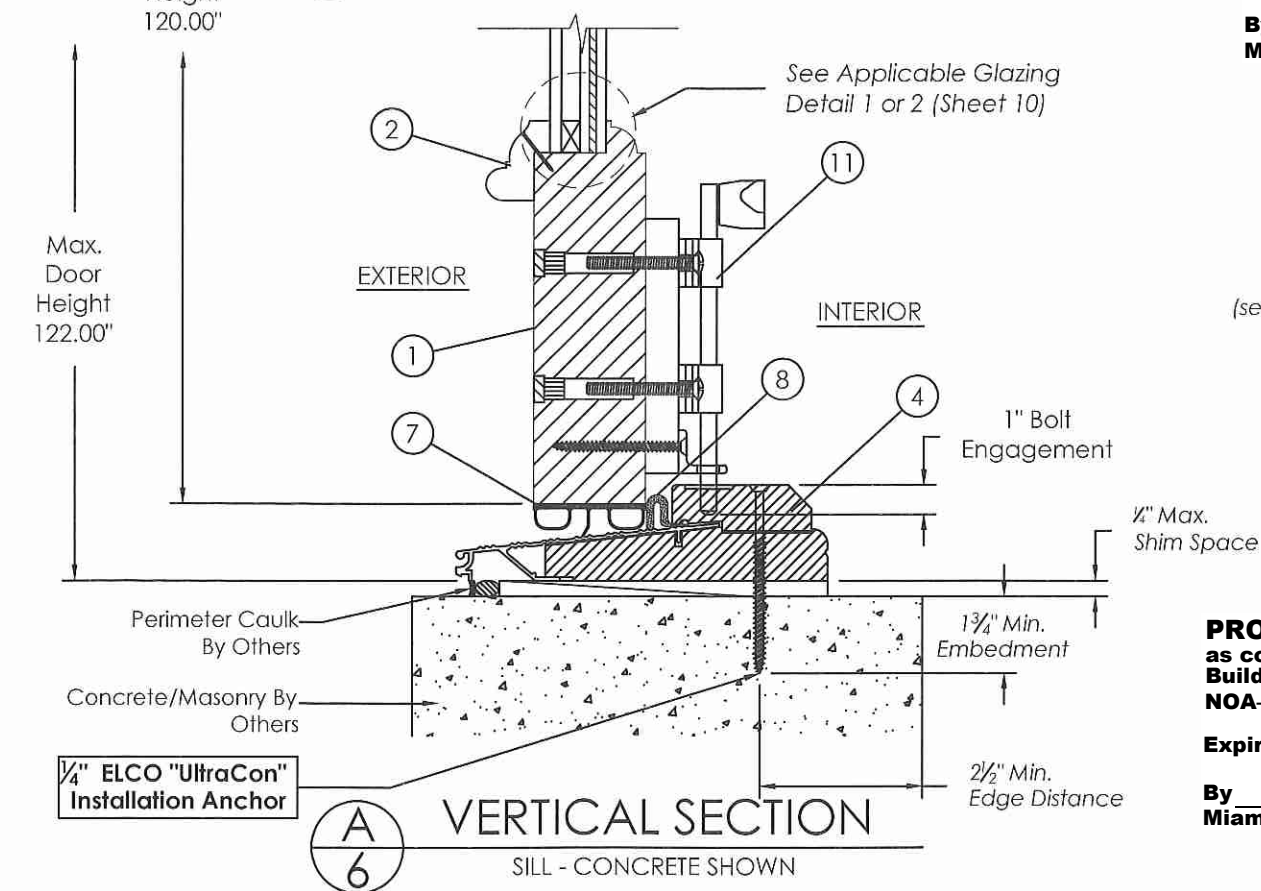
*EM*  
2/12/21

EMMA T. MELLINGER  
LICENSE  
No 50049  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER





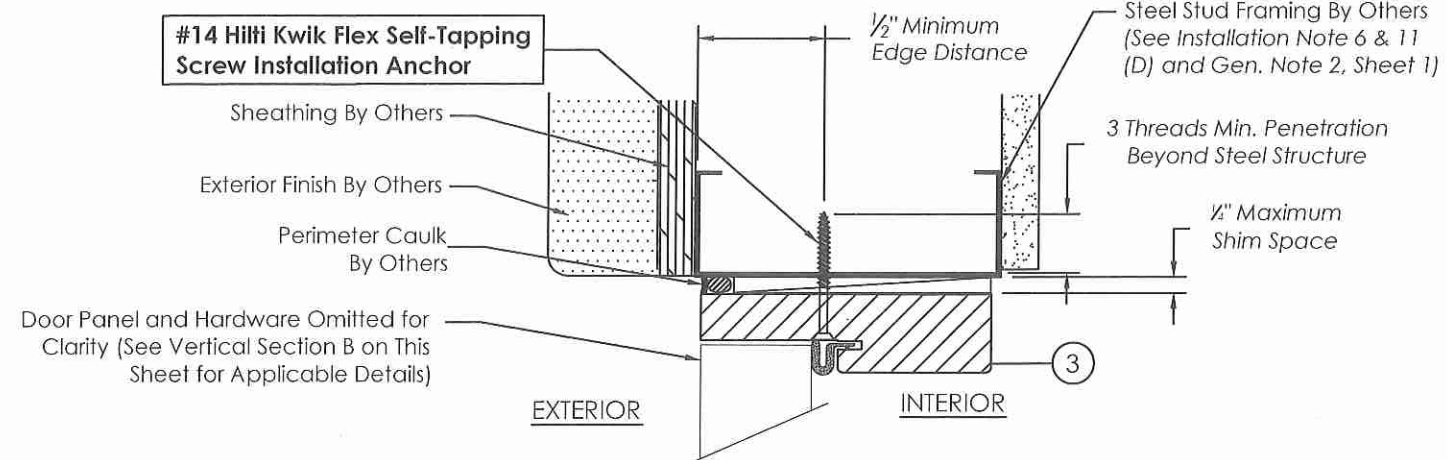
**B**  
6  
VERTICAL SECTION  
HEAD - 2" X PT WOOD BUCK SHOWN



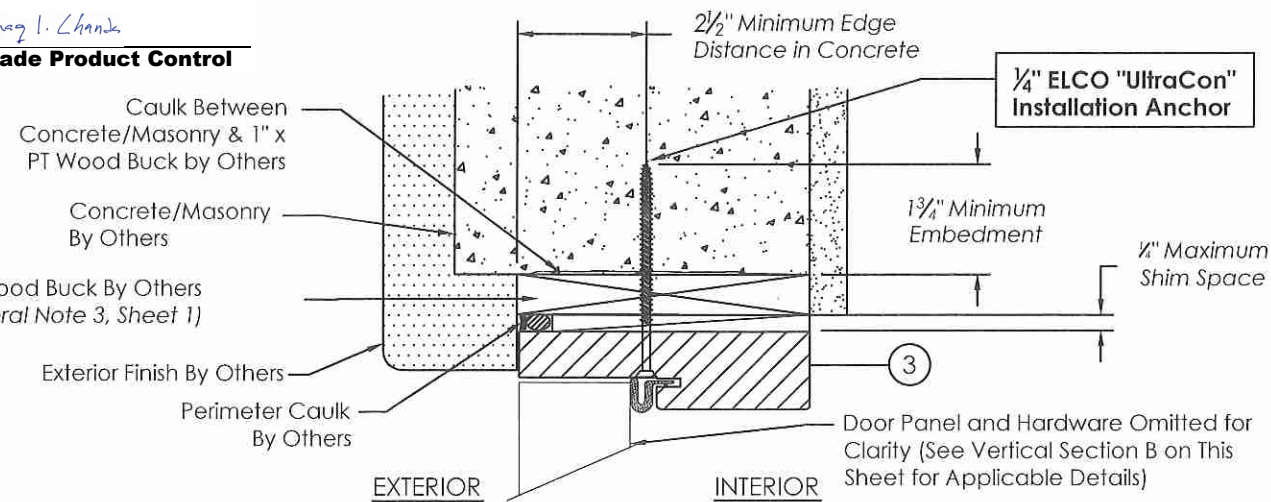
**A**  
6  
VERTICAL SECTION  
SILL - CONCRETE SHOWN

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1024.05  
Expiration Date 08/11/2026  
By Ishag I. Chande  
Miami-Dade Product Control

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1110.04  
Expiration Date 08/11/2021  
By Ishag I. Chande  
Miami-Dade Product Control



**C**  
6  
VERTICAL SECTION  
HEAD - STEEL STUD FRAME SHOWN



**B**  
6  
VERTICAL SECTION  
HEAD - 1" X PT WOOD BUCK SHOWN

**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
NOA-No. 21-0719.05  
Expiration Date 08/11/2026  
By Ishag I. Chande  
Miami-Dade Product Control

**CATEGORY 5**  
Engineering Services, Inc.  
1600 S. Federal Highway, #207  
Pompano Beach, FL 33062  
(954) 784-6991 • CA #25854

Sheet **6** of **13**  
DRAWING NO.  
EXD 003 R6

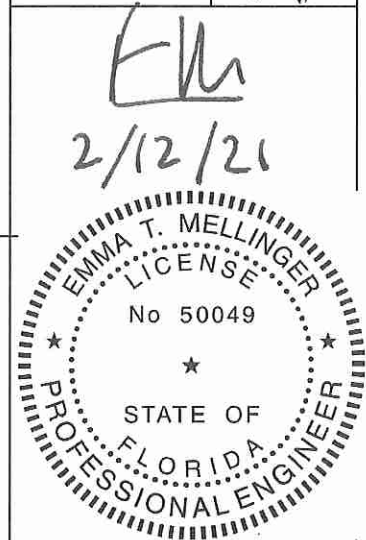
REVISIONS		No	Date	By	Description
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		2	2/17/14	EM	Comments per Miami-Dade
		3	3/19/14	EM	Comments per Miami-Dade
		4	4/9/14	EM	Lock Hardware Clarification
		5	6/4/14	EM	Comments per Miami-Dade
		6	6/24/14	EM	CMU Anchors, Panel Thickness

**OUTSWING GLAZED WOOD DOOR  
LARGE MISSILE IMPACT RESISTANT**

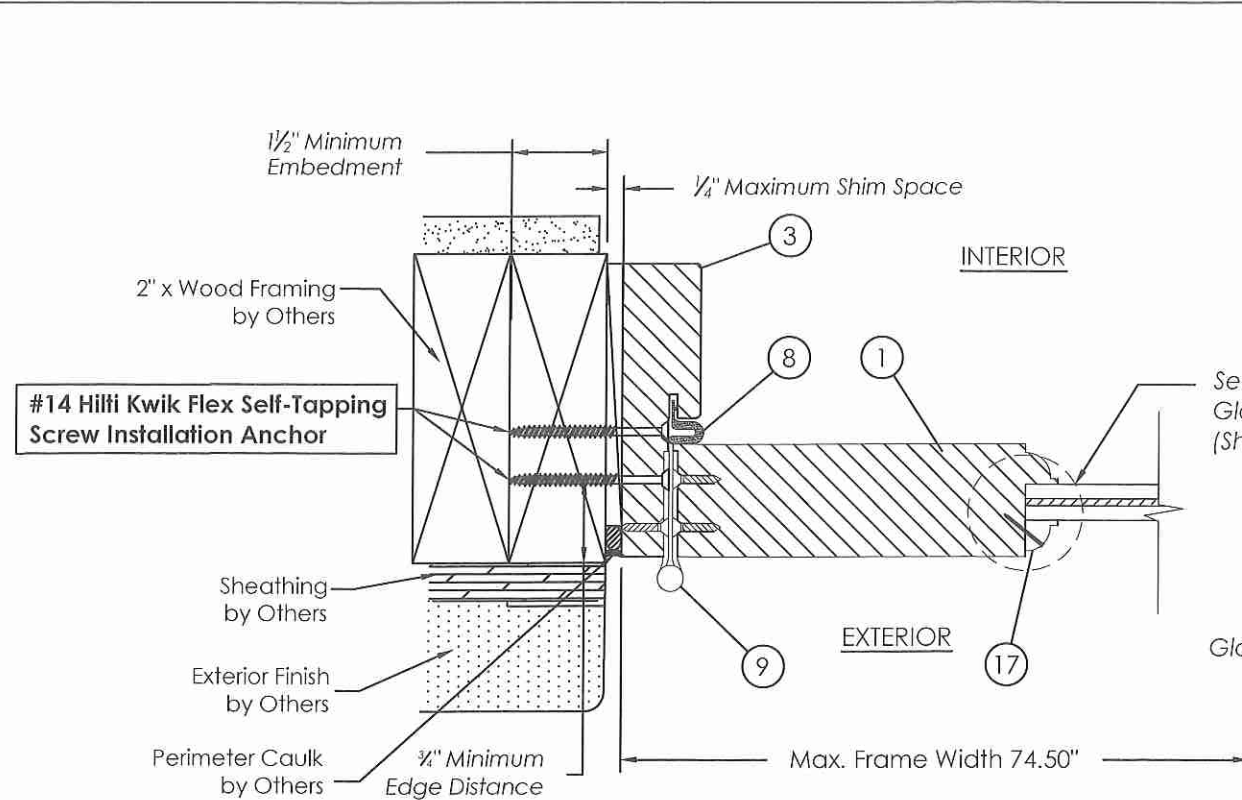
Exclusive Wood Doors, Inc.  
1950 NW, 70th Ave, Miami, FL 33126

**VERTICAL SECTIONS**

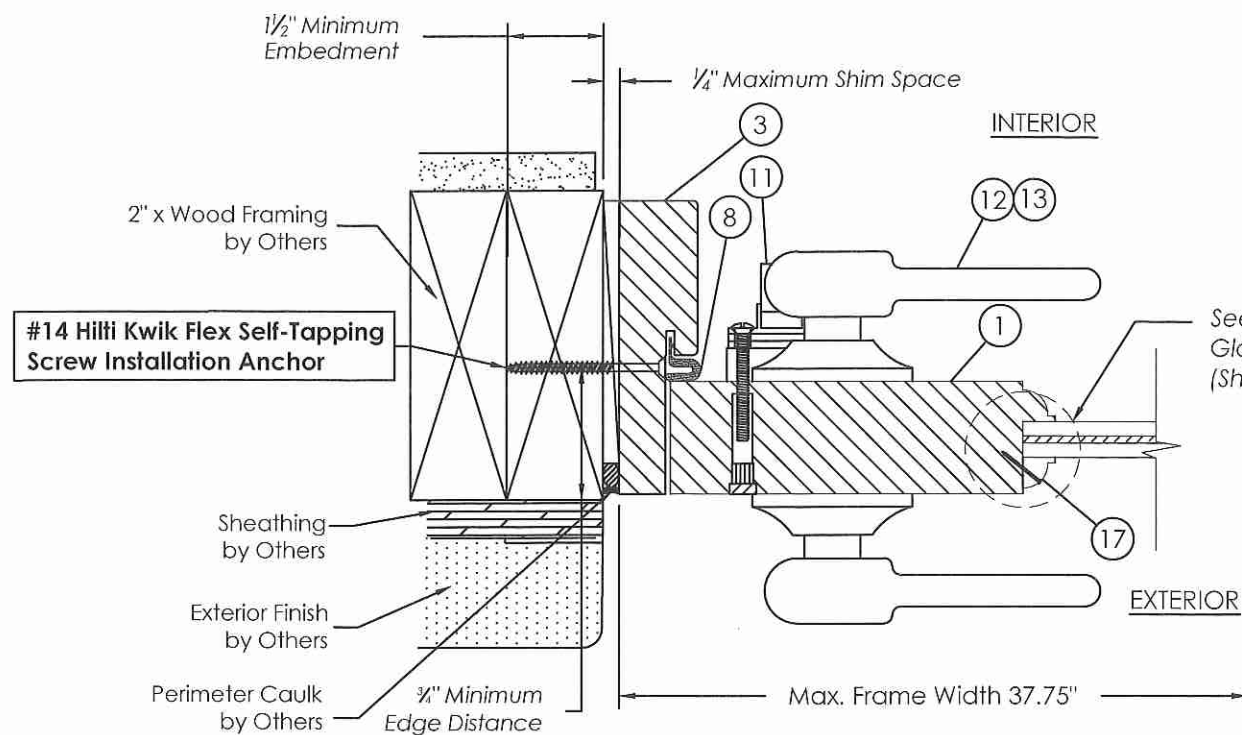
EXCLUSIVE  
EMD  
WOOD DOORS







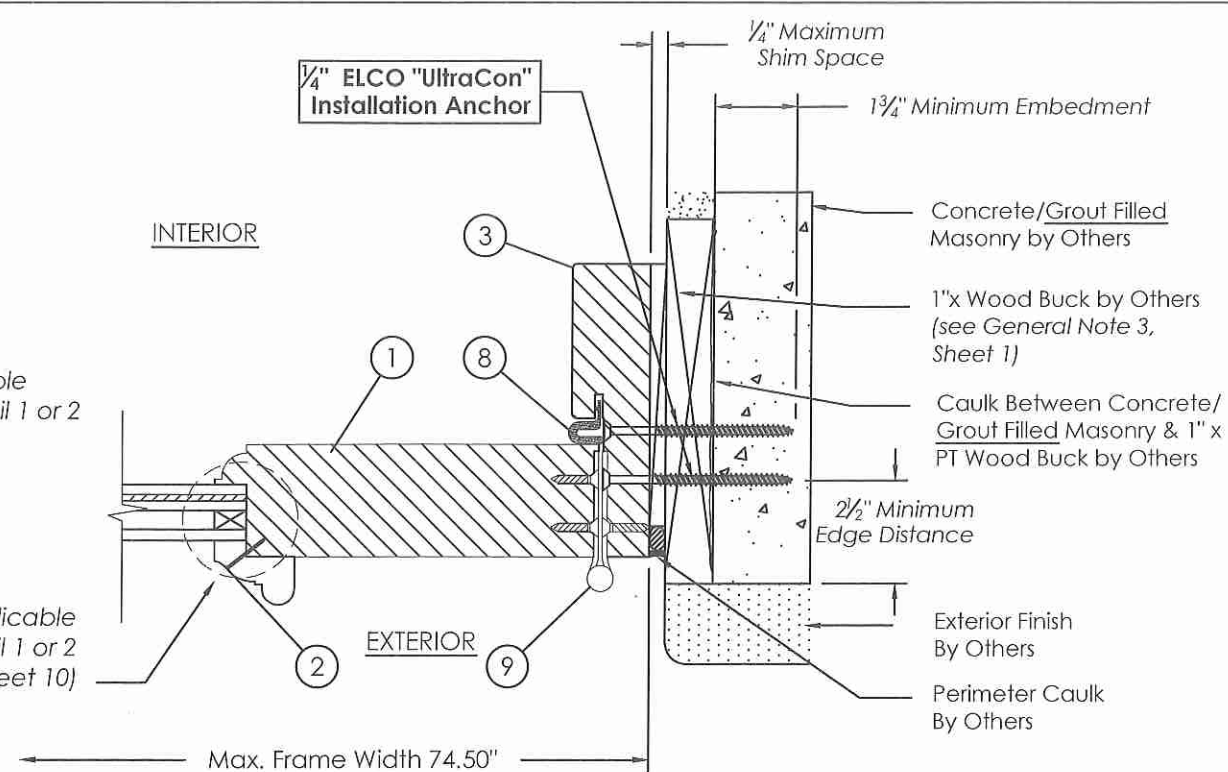
**F**  
7  
**HORIZONTAL SECTION**  
JAMB  
2" X PT WOOD FRAMING SHOWN



**O**  
7  
**HORIZONTAL SECTION**  
SINGLE DOOR (X) JAMB at LOCK STILE  
2" X PT WOOD FRAMING SHOWN

See Applicable  
Glazing Detail 1 or 2  
(Sheet 10)

See Applicable  
Glazing Detail 1 or 2  
(Sheet 10)



**G**  
7  
**HORIZONTAL SECTION**  
JAMB  
1" X PT WOOD BUCK and CONCRETE/MASONRY SHOWN

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

NOA-No. 23-1024.05

Expiration Date 08/11/2026

By Ishag I. Chande  
Miami-Dade Product Control

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

NOA-No. 20-1110.04

Expiration Date 08/11/2021

By Ishag I. Chande  
Miami-Dade Product Control

**PRODUCT RENEWED**  
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Building Code

NOA-No. 21-0719.05

Expiration Date 08/11/2026

By Ishag I. Chande  
Miami-Dade Product Control

**CATEGORY 5**  
Engineering Services, Inc.

1600 S. Federal Highway, #207  
Pompano Beach, FL 33062  
(954) 784-6991 • CA #25854

Sheet **7** of **13**  
**DRAWING No.**  
EXT 003 R6

REVISIONS		By		Description
No	Date	EM	EM	Update to Current FBC
1	12/17/13			
2	2/17/14			Comments per Miami-Dade
3	3/19/14			Comments per Miami-Dade
4	4/9/14			Lock Hardware Clarification
5	6/4/14			Comments per Miami-Dade
6	6/22/14			CNU Anchors, Panel Thickness

**OUTSWING GLAZED WOOD DOOR**  
**LARGE MISSILE IMPACT RESISTANT**

Exclusive Wood Doors, Inc.  
1950 NW, 70th Ave, Miami, FL 33126

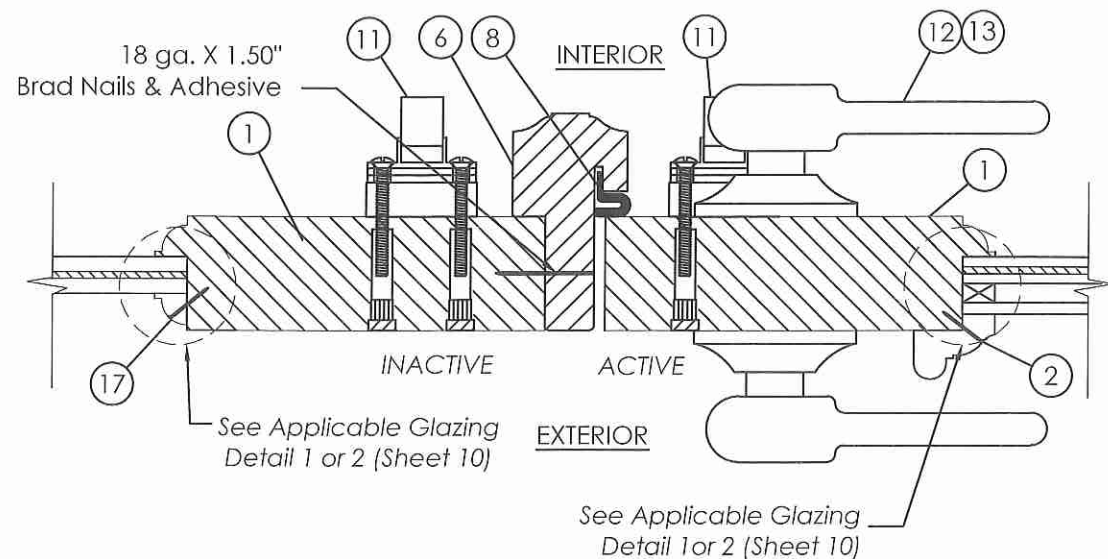
**HORIZONTAL SECTIONS**

EXCLUSIVE **EMD** WOOD DOORS

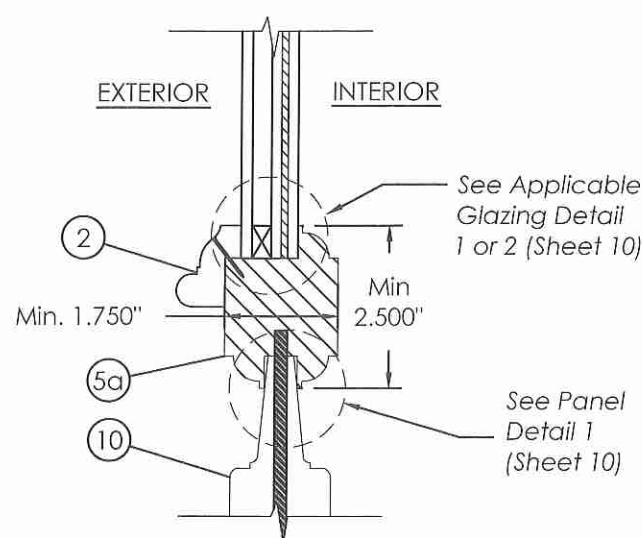
FLM  
2/12/21

EMMA T. MELLINGER  
LICENSE  
No 50049  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER

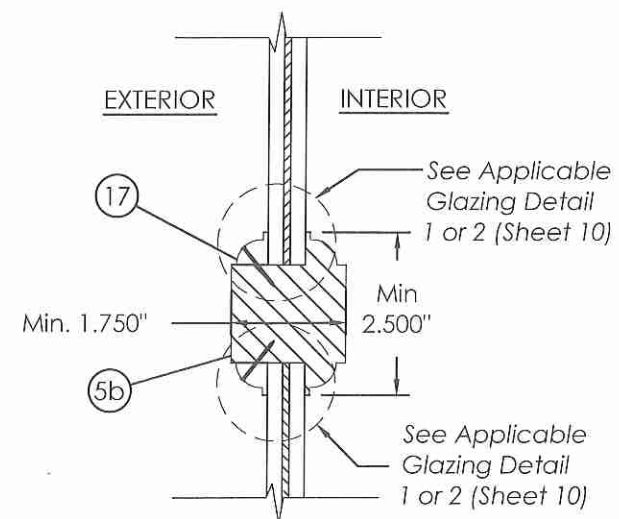




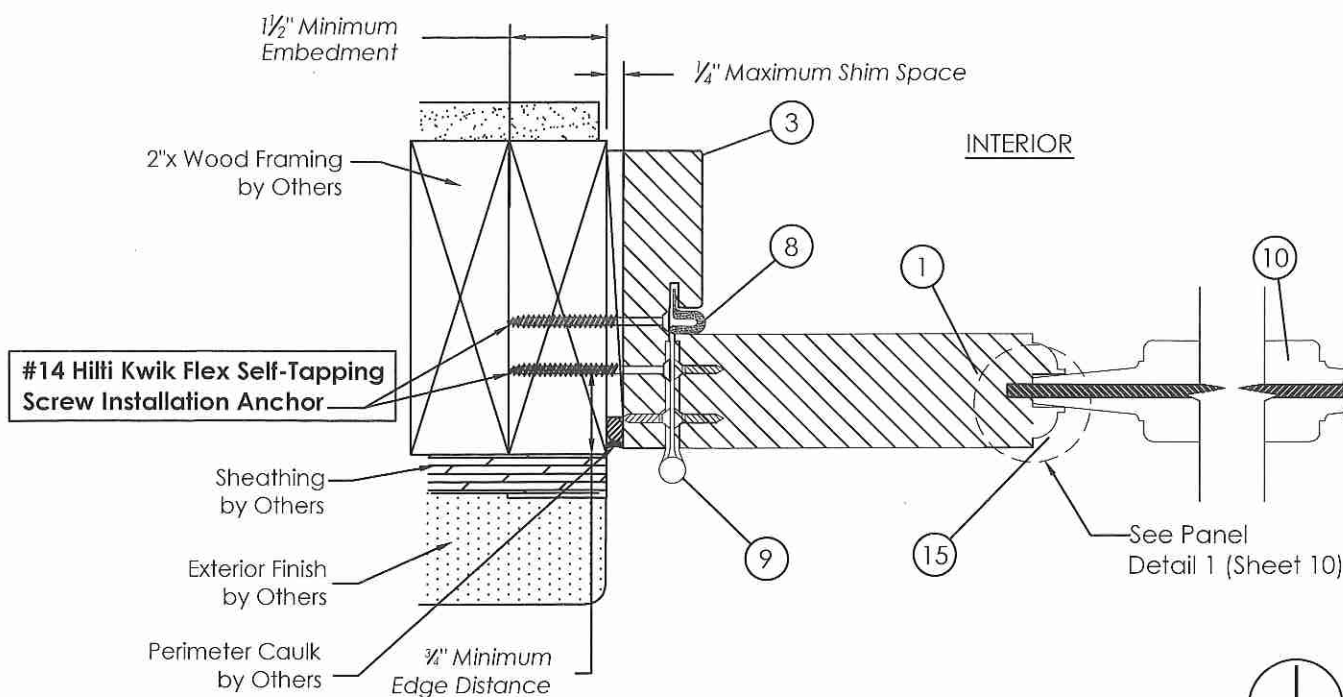
**H**  
8  
**HORIZONTAL SECTION**  
ASTRAGAL



**E**  
8  
**VERTICAL SECTION**  
MIDRAIL  
GLAZED & PARTIAL RAISED PANEL



**D**  
8  
**VERTICAL SECTION**  
MIDRAIL  
FULLY GLAZED



**1**  
8  
**HORIZON**  
RAISED PANEL/M  
**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 20-1110.04  
Expiration Date 08/11/2021  
By Ishag I. Chande  
Miami-Dade Product Control

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**CATEGORY 5**  
Engineering Services, Inc.  
1600 S. Federal Highway, #207  
Pompano Beach, FL 33062  
(954) 784-6991 • CA #25854

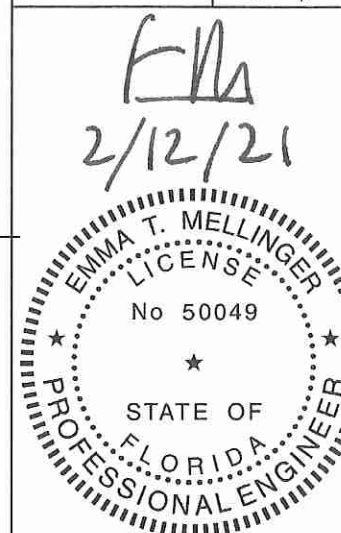
Sheet 8 of 13  
DRAWING No. EXD 003 R6

REVISIONS					
No	Date	By	Description	Update to Current FBC	Comments per Miami-Dade Lock Hardware Clarification
1	12/17/13	EM			
2	2/17/14	EM			
3	3/19/14	EM			
4	4/9/14	EM			
5	6/4/14	EM			
6	6/24/14	EM			

**OUTSWING GLAZED WOOD DOOR**  
**LARGE MISSILE IMPACT RESISTANT**  
Exclusive Wood Doors, Inc.  
1950 NW, 70th Ave, Miami, FL 33126

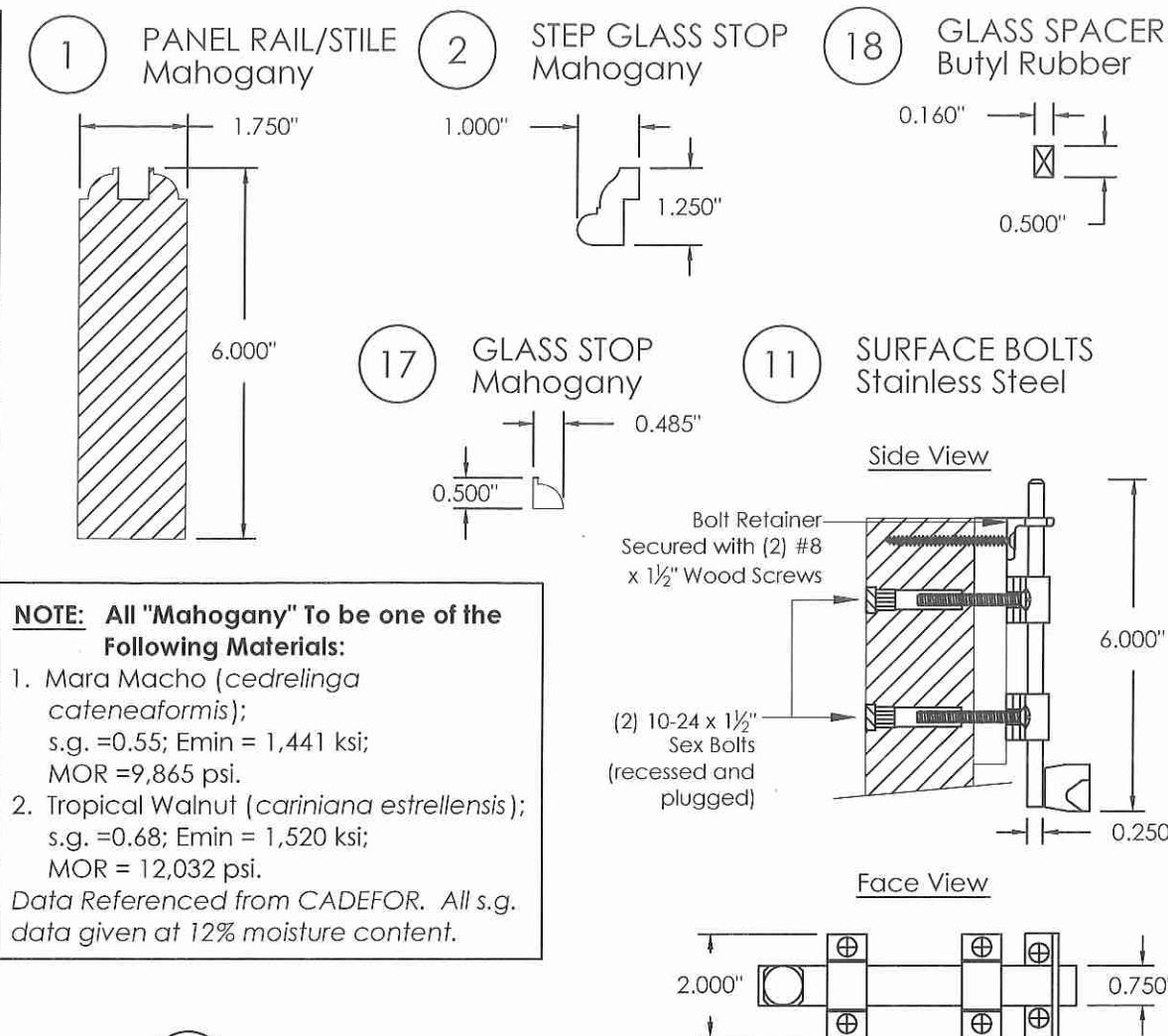
**DOOR PANEL SECTIONS**

EXCLUSIVE EMD DOORS





BILL OF MATERIALS			
ITEM NO.	DESCRIPTION	MATERIAL (See Note)	MANUFACTURER
1	PANEL RAIL/STILE	Mahogany	Exclusive Wood Doors
2	STEPPED GLASS STOP	Mahogany	Exclusive Wood Doors
3	HEAD & JAMB	Mahogany	Exclusive Wood Doors
4	SILL (3-PIECE)	Mahogany and Al 6063-T5	Exclusive Wood Doors
5 (5a)(5b)	MIDRAIL/MIDSTILE	Mahogany	Exclusive Wood Doors
6	ASTRAGAL	Mahogany	Exclusive Wood Doors
7	DOOR SWEEP	Polyurethane	Afco
8	COMPRESSION WEATHERSTRIP	Urethane Foam	Q-Lon
9	4½" x 4½" BUTT HINGE	12 ga. Steel	Penrod
10	RAISED PANEL	Mahogany with Plywood Core	Exclusive Wood Doors
11	SURFACE BOLTS W/ STRIKE PLATE	Stainless Steel	Deltana
12	ENTRY LATCH & DEADBOLT	Hardened Steel	Kwikset
13	INACTIVE STILE FLUSH BOLTS	Hardened Steel	Penrod
14	TWO-POINT LOCK For INACTIVE STILE	Hardened Steel	Trilennium
15	FIVE-PT LOCK FOR ACTIVE STILE	Hardened Steel	Trilennium
16	THREE-PT LOCK For SINGLE DOOR	Hardened Steel	Trilennium
17	1/4-ROUND GLASS STOP	Mahogany	Exclusive Wood Doors
18	GLASS SPACER	Butly Rubber	

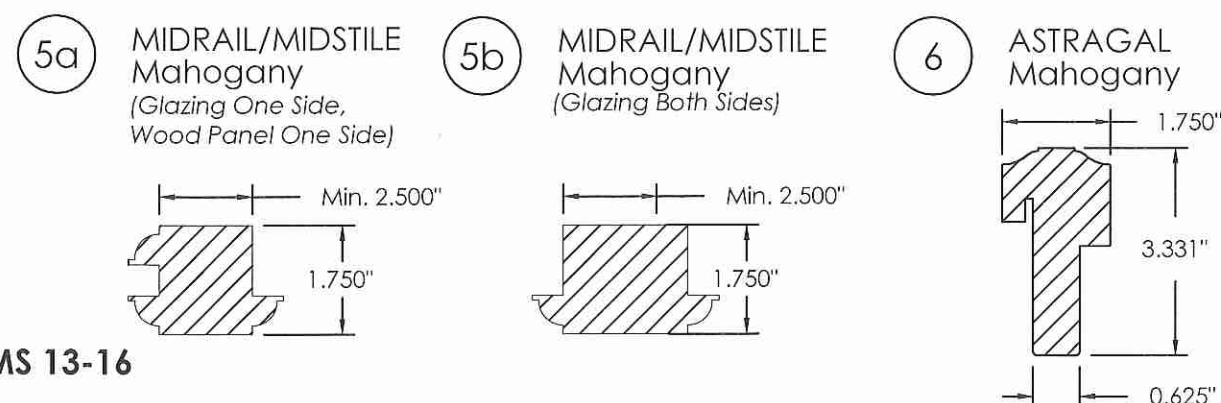
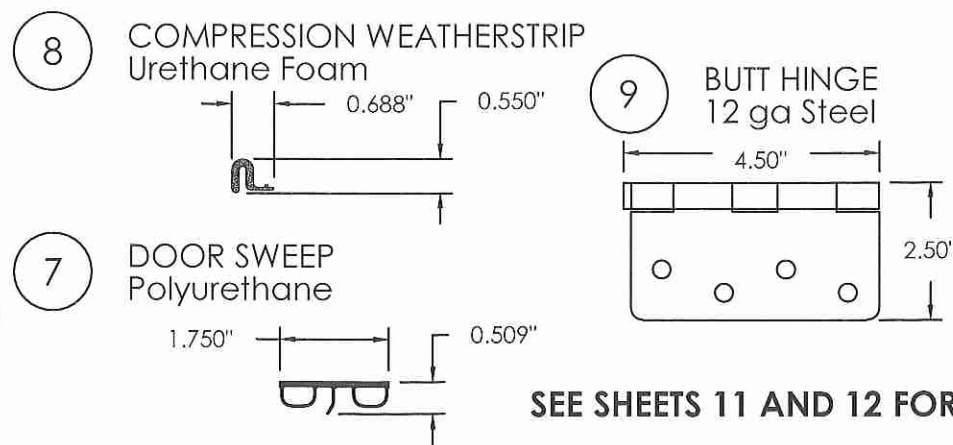
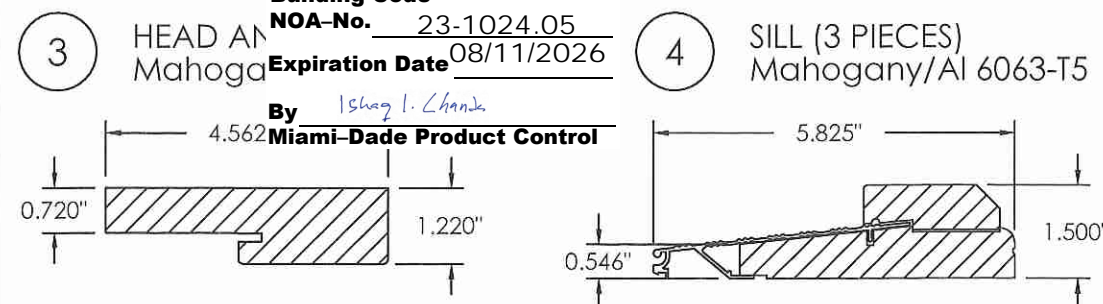


**NOTE: All "Mahogany" To be one of the Following Materials:**

1. Mara Macho (*cedrelinga catenaeformis*); s.g. =0.55; Emin = 1,441 ksi; MOR =9,865 psi.
2. Tropical Walnut (*cariniana estrellensis*); s.g. =0.68; Emin = 1,520 ksi; MOR = 12,032 psi.

Data Referenced from CADEFOR. All s.g. data given at 12% moisture content.

**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 23-1024.05  
Expiration Date 08/11/2026  
By Ishag I. Chande  
Miami-Dade Product Control



**PRODUCT RENEWED**  
as complying with the Florida Building Code  
NOA-No. 21-0719.05  
Expiration Date 08/11/2026  
By Ishag I. Chande  
Miami-Dade Product Control

**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 20-1110.04  
Expiration Date 08/11/2021  
By Ishag I. Chande  
Miami-Dade Product Control

**CATEGORY 5**  
Engineering Services, Inc.  
1600 S. Federal Highway - #207  
Pompano Beach, FL 33062  
(954) 784-6991 • CA #25854

**DRAWING No.**  
9 of 13  
Sheet  
EXTD 003 R6

REVISIONS					
No	Date	By	Description	Update to	Comments per
1	12/17/13	EM		Current FBC	
2	2/17/14	EM		Comments per Miami-Dade	
3	3/19/14	EM		Comments per Miami-Dade	
4	4/9/14	EM		Lock Hardware	
5	6/4/14	EM		Comments per Miami-Dade	
6	6/24/14	EM		Civil Anchors	Panel Thickness

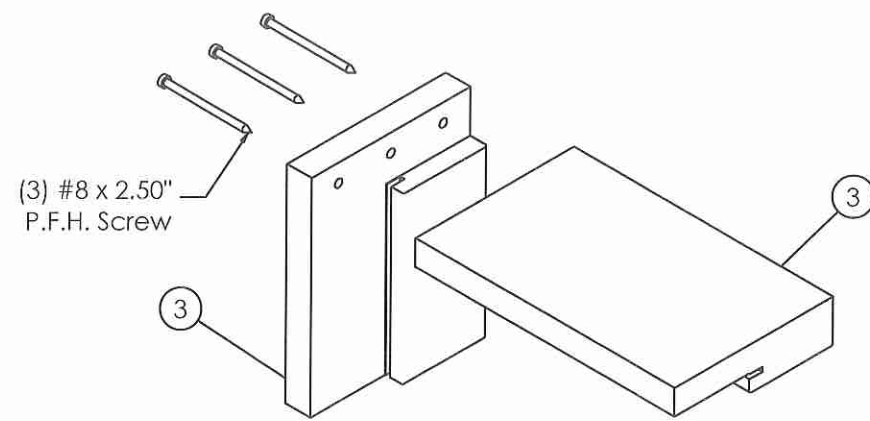
**OUTSWING GLAZED WOOD DOOR**  
**LARGE MISSILE IMPACT RESISTANT**  
Exclusive Wood Doors, Inc.  
1950 NW. 70th Ave, Miami, FL 33126

**COMPONENTS and**  
**BILL OF MATERIALS**

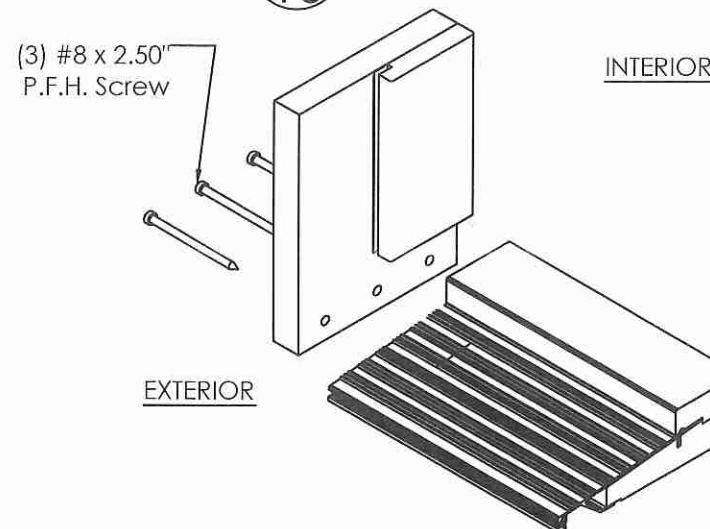
**EXCLUSIVE WOOD DOORS**  
**EMD**

2/12/21  
**EMMA T. MELLINGER**  
LICENSE  
No 50049  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER





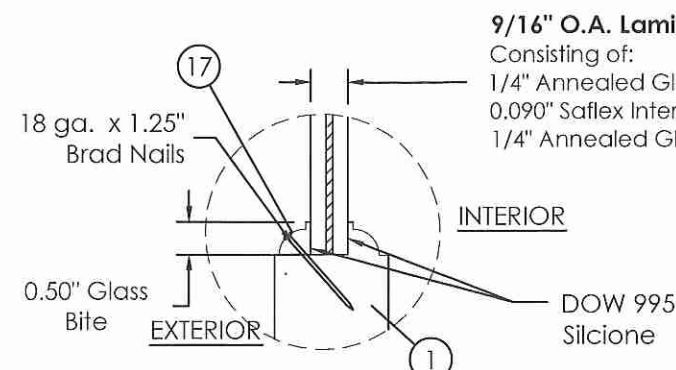
**L**  
10  
**CORNER SECTION**  
RECTANGULAR FRAME TOP ASSEMBLY



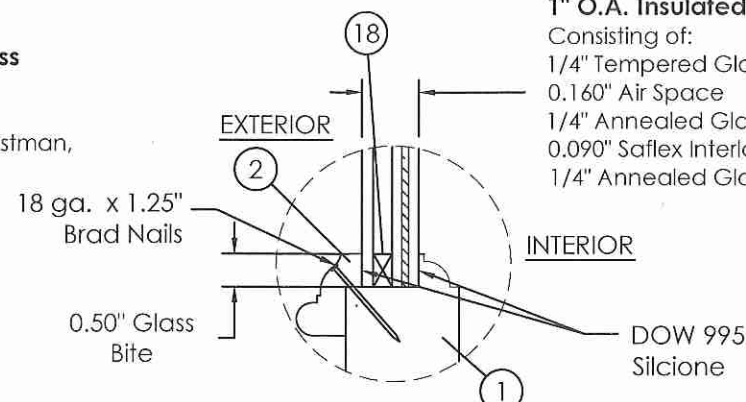
**J**  
10  
**CORNER SECTION**  
FRAME BOTTOM ASSEMBLY

**BRAD NAIL SPACING AT GLAZING STOPS**

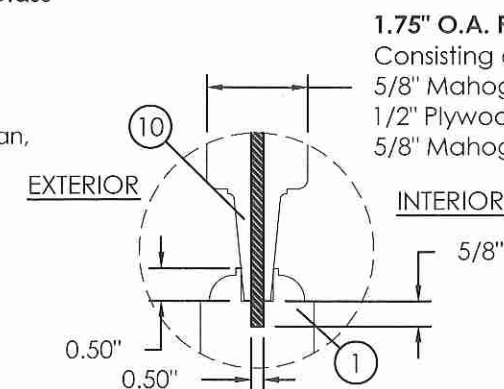
- 2" From Corners
- 12" Max. o/c All Sides



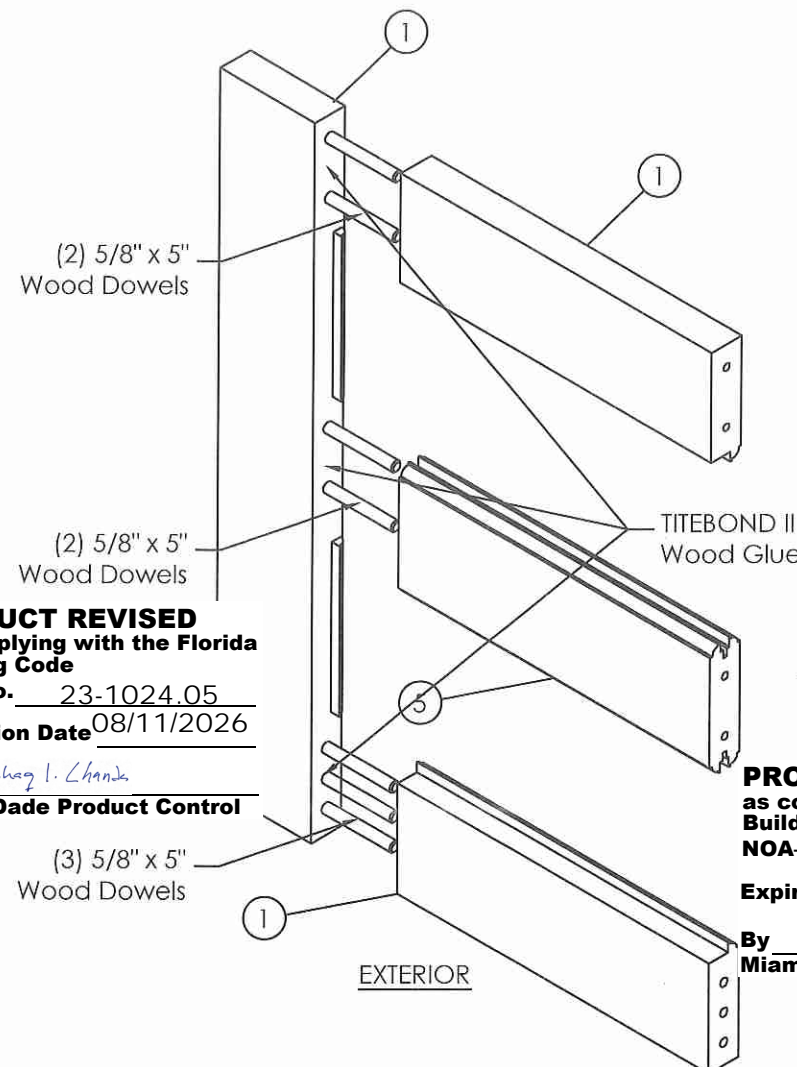
**GLAZING DETAIL 1**  
9/16" ANNEALED LAMINATED GLASS



**GLAZING DETAIL 2**  
1" ANNEALED INSULATED LAMINATED GLASS



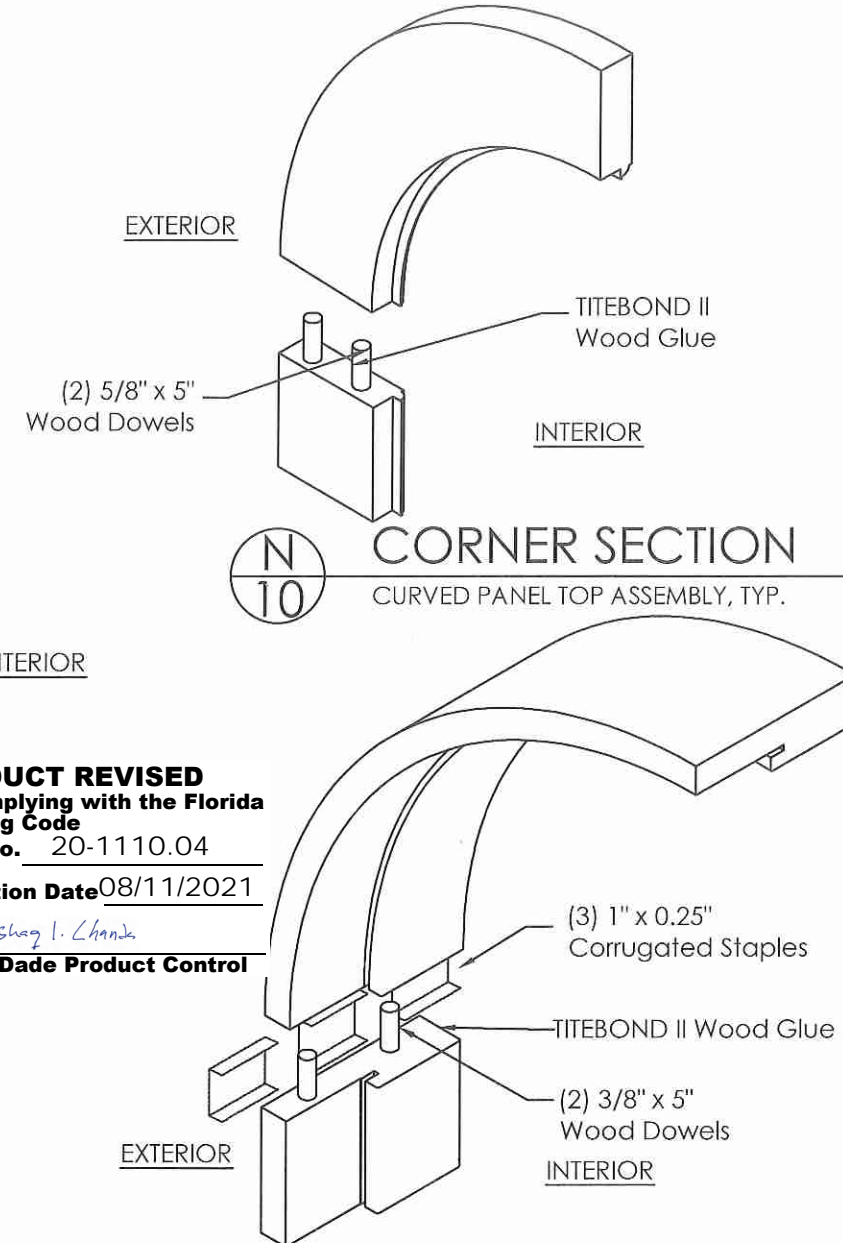
**PANEL DETAIL 1**  
OPAQUE RAISED PANEL



**K**  
10  
**CORNER SECTION**  
TOP/BOTTOM PANEL ASSEMBLY, TYP.

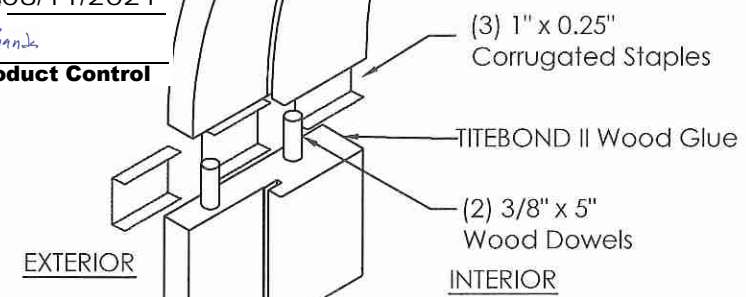
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1110.04  
Expiration Date 08/11/2021  
By *Ishaq I. Chande*  
Miami-Dade Product Control

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1024.05  
Expiration Date 08/11/2026  
By *Ishaq I. Chande*  
Miami-Dade Product Control



**N**  
10  
**CORNER SECTION**  
CURVED PANEL TOP ASSEMBLY, TYP.

**M**  
10  
**CORNER SECTION**  
CURVED FRAME TOP ASSEMBLY, TYP.



**CATEGORY 5**  
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Pompano Beach, FL 33062  
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3	3/19/14	EM		Comments per Miami-Dade	
4	4/9/14	EM		Lock Hardware Clarification	
5	6/4/14	EM		Comments per Miami-Dade	
6	6/22/14	EM		CMU Anchors, Panel Thickness	

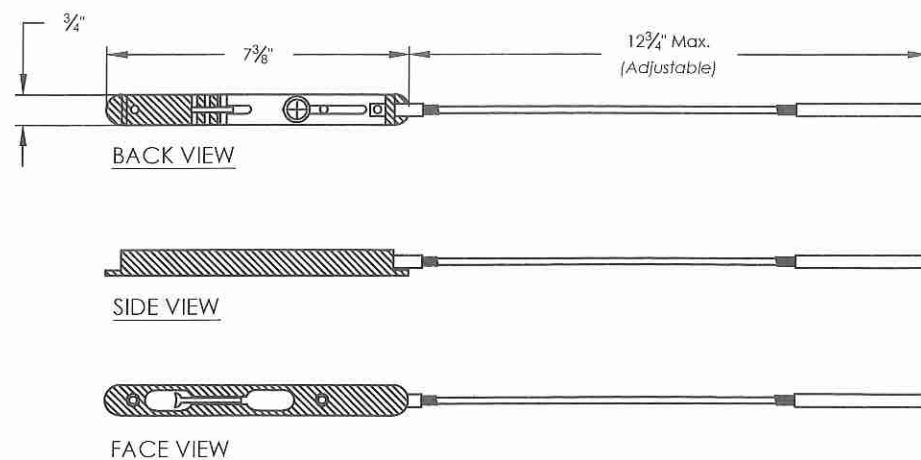
**OUTSWING GLAZED WOOD DOOR**  
**LARGE MISSILE IMPACT RESISTANT**  
Exclusive Wood Doors, Inc.  
1950 NW, 70th Ave, Miami, FL 33126  
**CORNER SECTIONS and GLAZING DETAILS**

*EM*  
2/12/21  
EMMA T. MELLINGER  
LICENSE  
No 50049  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER

**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
NOA-No. 21-0719.05  
Expiration Date 08/11/2026  
By *Ishaq I. Chande*  
Miami-Dade Product Control



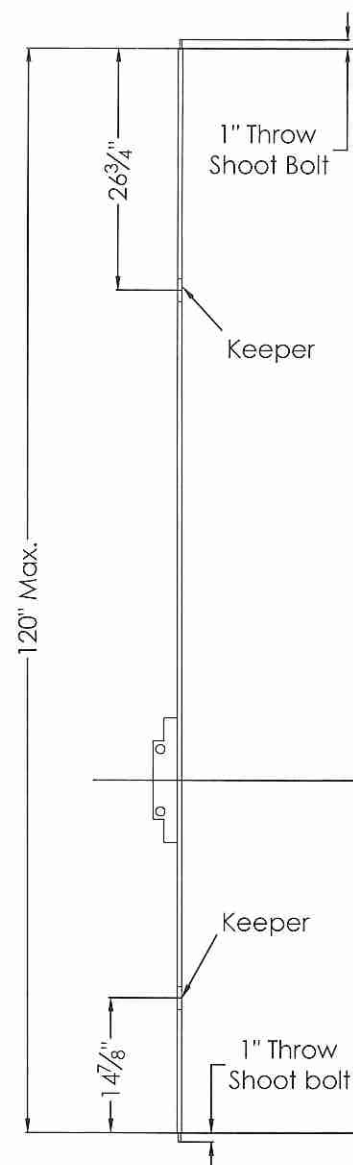
Located at Top and Bottom  
of Inactive Door Lock Stile to  
Secure Inactive Door During  
Normal Use.  
**NOT A SUBSTITUTE FOR  
SURFACE BOLTS**



ITEM 14

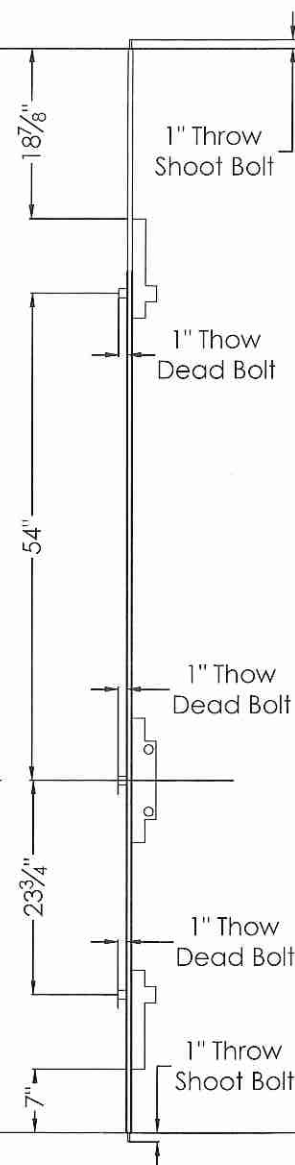
**TRILENNIUM®**

Model 3020 Two-Point Lock  
for Double Door Inactive Stile



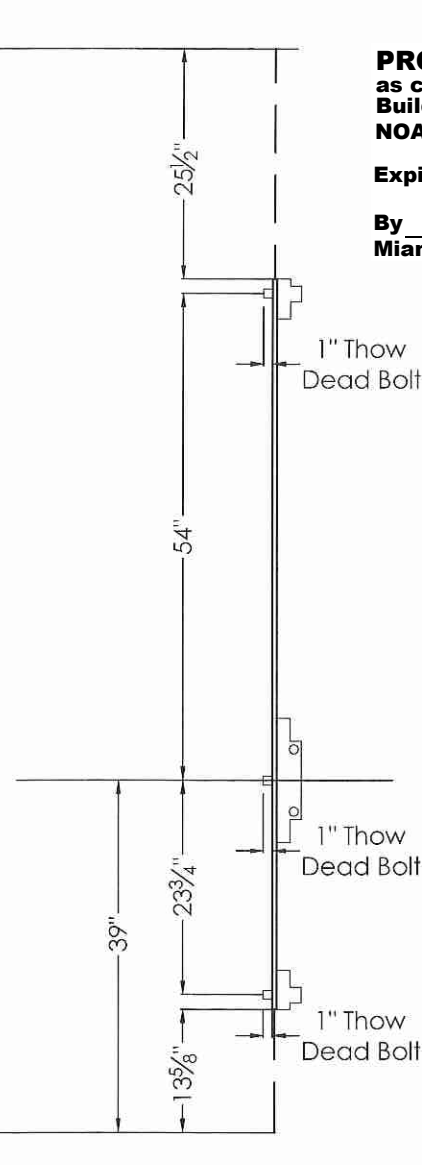
## ITEM 15

Model 3500 Five-Point Lock  
for Double Door Active Stile



## ITEM 16

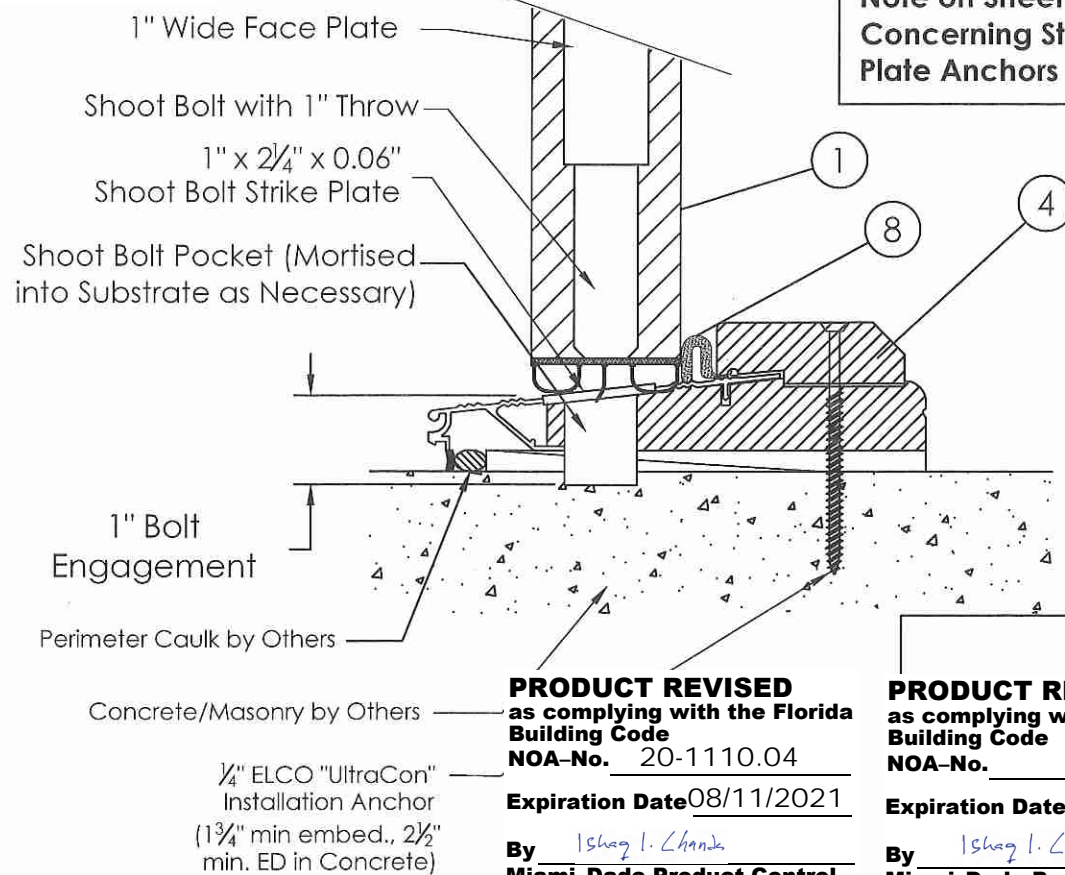
Model 3000 Three-Point Lock  
for Single Door



**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1024 05

**Expiration Date** 08/11/2026

By Ishag I. Chande  
Miami-Dade Product Control



**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
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**Expiration Date**08/11/2021

By Ishag I. Chande  
Miami-Dade Product Control

**PRODUCT RENEWED**  
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Building Code  
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**Expiration Date** 08/11/2026

By Ishaq I. Chande  
Miami-Dade Product Control

### MULTI-POINT HARDWARE SHOOT BOLT DETAIL

Installation into 2" x Buck, and Concrete Shown. Other Substrates and Appropriate Installation Anchors Shall Apply Also.

**Please See Important  
Note on Sheet 12  
Concerning Strike  
Plate Anchors**

**OUTSWING GLAZED WOOD DOOR  
LARGE MISSILE IMPACT RESISTANT**

Exclusive Wood Doors, Inc.

1950 NW, 70th Ave, Miami, FL 33126

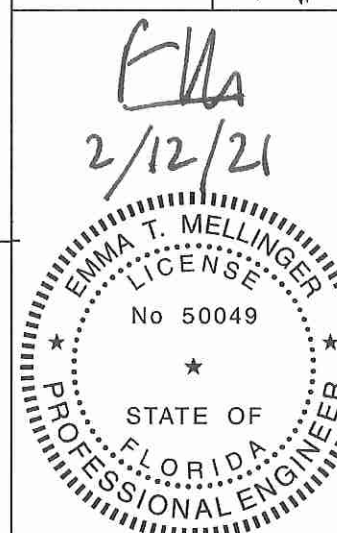
**LOCKING HARDWARE  
DETAILS**

## CATEGORY 5

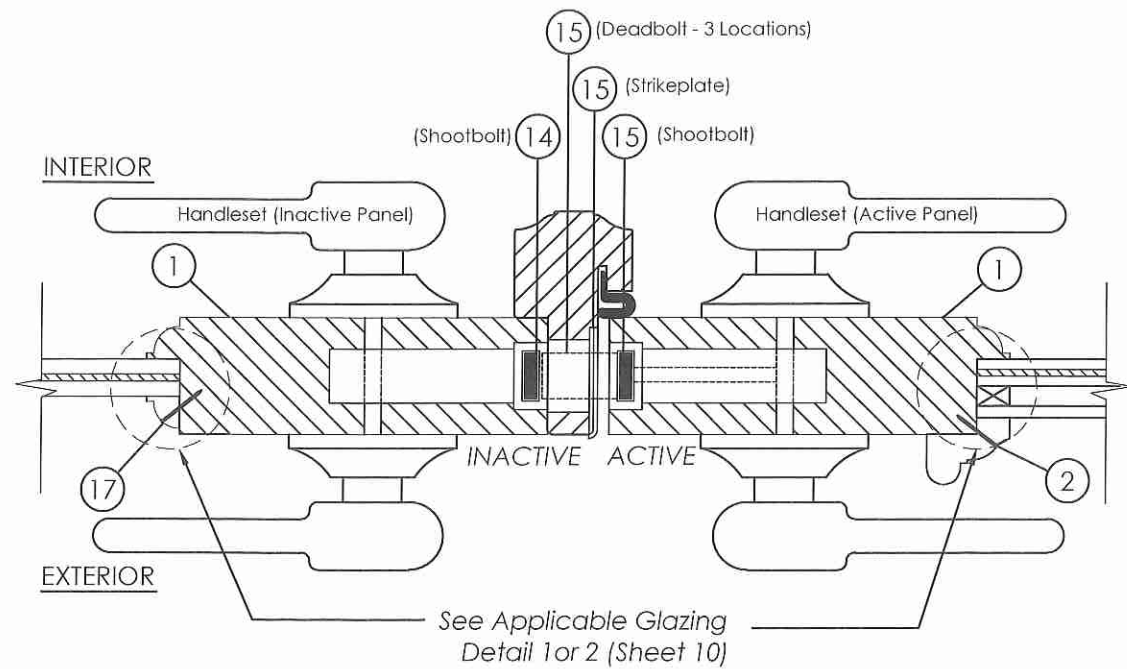
1600 S. Federal Highway, #207  
Pompano Beach, FL 33062  
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Sheet  
11 of 13  
**DRAWING No.**  
EXD 003 R6

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4	4/9/14	EM	Lock Hardware
5	6/4/14	EM	Comments per Miami-Dade
6	6/24/14	EM	CMU Anchors Panel Thickness

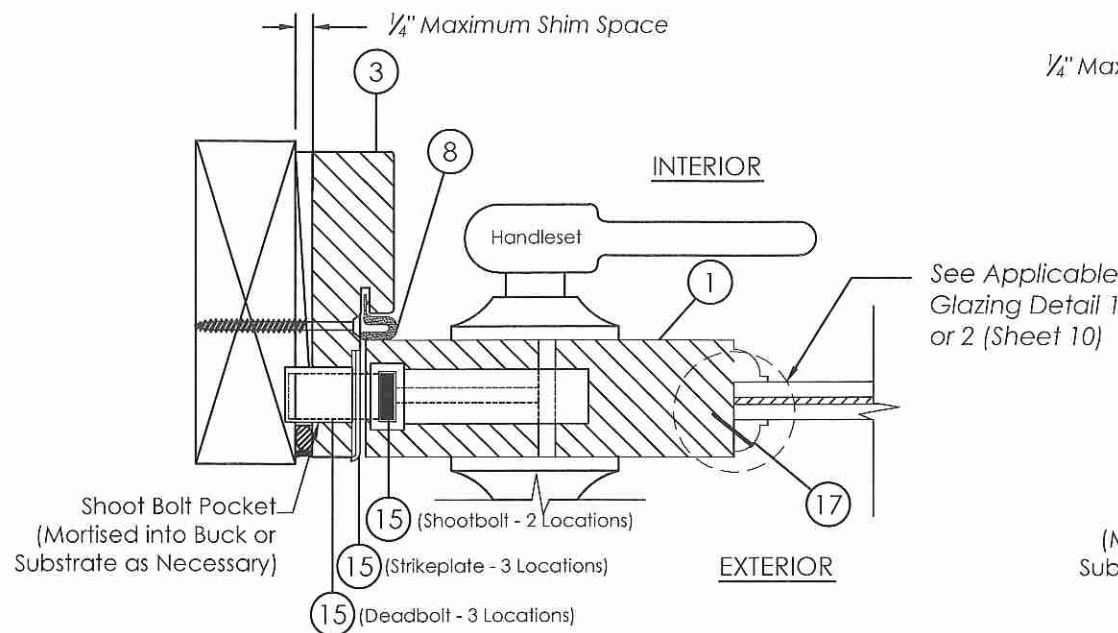




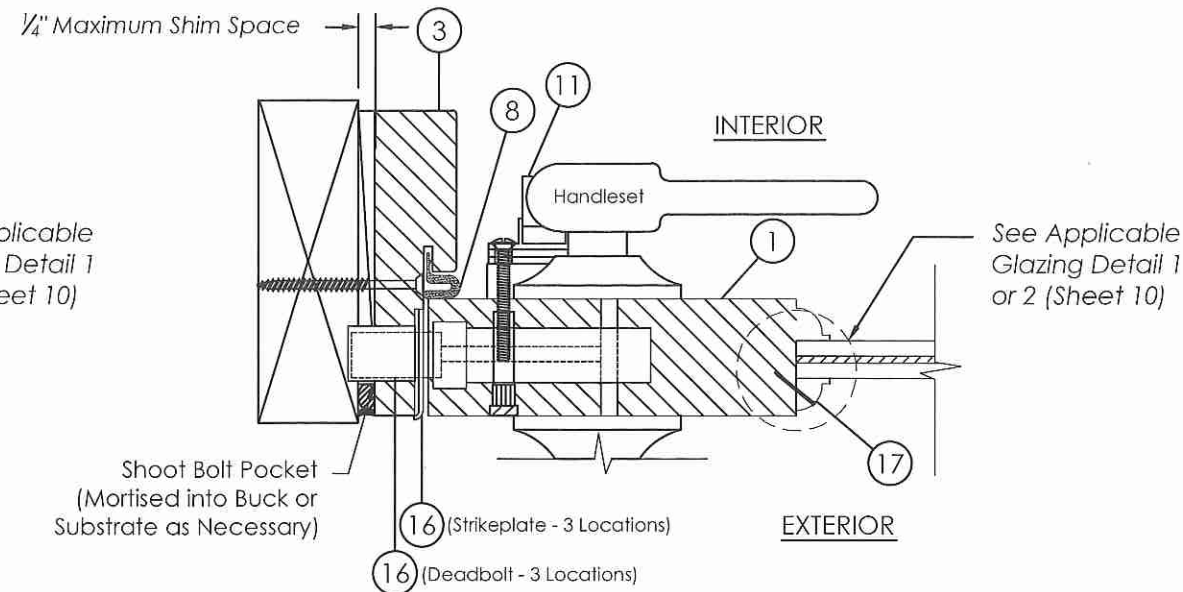


**R**  
12  
**HORIZONTAL SECTION**  
MULTI-PONT LOCK OPTION

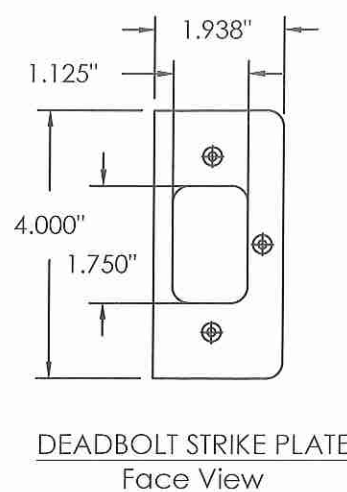
**PRODUCT REVISED**  
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Building Code  
NOA-No. 23-1024.05  
Expiration Date 08/11/2026  
By *Ishag I. Chande*  
Miami-Dade Product Control



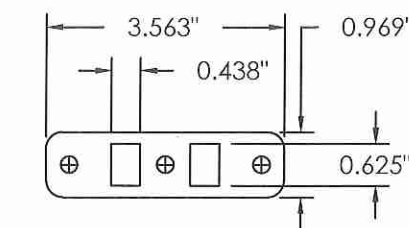
**P**  
12  
**HORIZONTAL SECTION**  
SINGLE DOOR MULTIPOINT LOCK OPTION A  
See Detail O Sheet 7 Installation



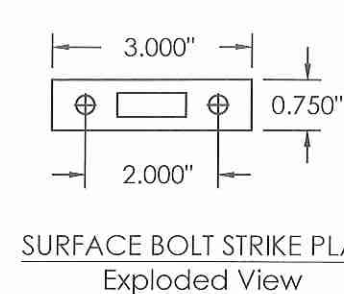
**Q**  
12  
**HORIZONTAL SECTION**  
SINGLE DOOR MULTIPOINT LOCK OPTION B  
See Detail O Sheet 7 for Installation



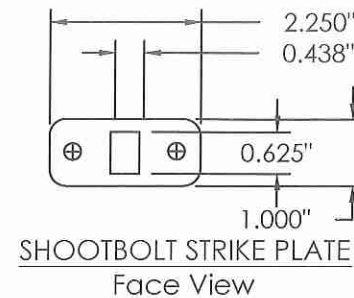
**DEADBOLT STRIKE PLATE**  
Face View



**DOUBLE SHOOTBOLT STRIKE PLATE**  
Face View



**SURFACE BOLT STRIKE PLATE**  
Exploded View



**SHOOTBOLT STRIKE PLATE**  
Face View

**IMPORTANT NOTE CONCERNING STRIKE PLATE  
INSTALLATION**

At Each Frame-Mounted Strike Plate, Whether at the Head, the Sill, or the Lock Jamb for a Single Door, at Least ONE INSTALLATION ANCHOR, of the Same Size and Type as Used to Anchor the Frame Shall Also Secure the Strike Plate, Through the Frame and Embed the Required Distance into the Substrate Beneath.  
In the Case of **Concrete or Masonry Substrate**, **ONE** Such Anchor Shall be So Employed.  
In the Case of **Wood or Metal Substrate**, **TWO** Such Anchors Shall be So Employed.

These Anchors May be in Addition to Those Called-out for Frame Installation, or, in Cases Where Spacing Considerations Allow, Anchors May be the Same Anchors as Those Called-out for Frame Installation.

**Remaining Strike Plate Screw Holes Shall be Filled with #8 x 3/4" FHWS to Secure Strike Plates to Jambs.**

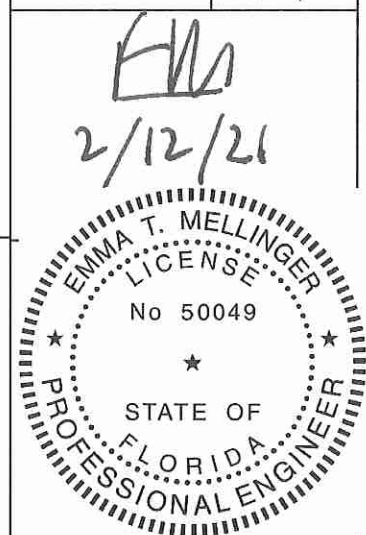
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1110.04  
Expiration Date 08/11/2021  
By *Ishag I. Chande*  
Miami-Dade Product Control

**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
NOA-No. 21-0719.05  
Expiration Date 08/11/2026  
By *Ishag I. Chande*  
Miami-Dade Product Control

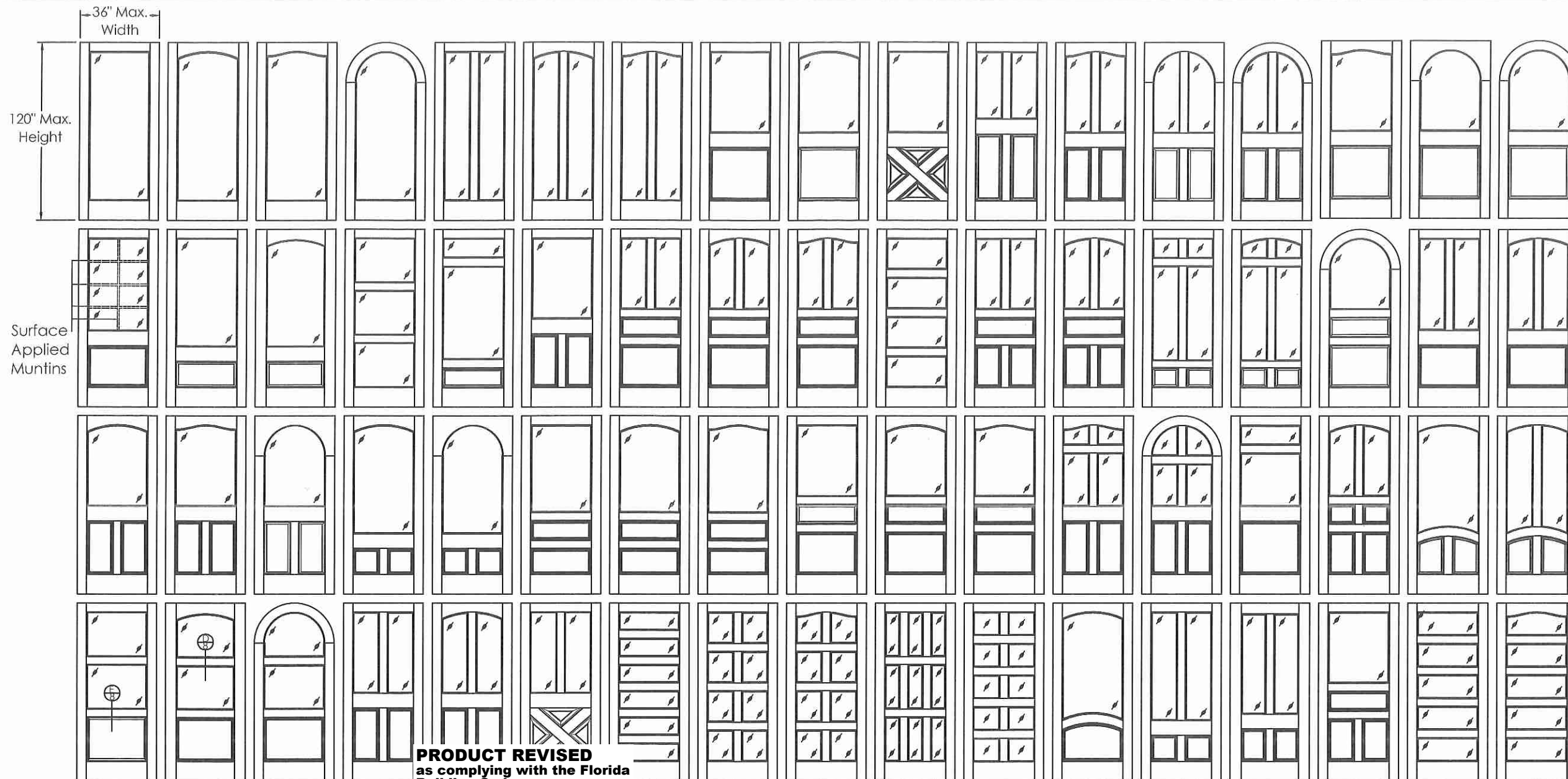
**CATEGORY 5**  
Engineering Services, Inc.  
1600 S. Federal Highway, #207  
Pompano Beach, FL 33062  
(954) 784-6991 • CA #25854  
Sheet **12** of **13**  
**DRAWING No.**  
EXD 003 R6

REVISIONS		Description
No	Date	By
1	12/17/13	EM
2	2/17/14	EM
3	3/19/14	EM
4	4/9/14	EM
5	6/4/14	EM
6	6/24/14	EM

**OUTSWING GLAZED WOOD DOOR  
LARGE MISSILE IMPACT RESISTANT**  
Exclusive Wood Doors, Inc.  
1950 NW. 70th Ave, Miami, FL 33126  
**LOCKING HARDWARE  
DETAILS**







**LIMITATIONS:**

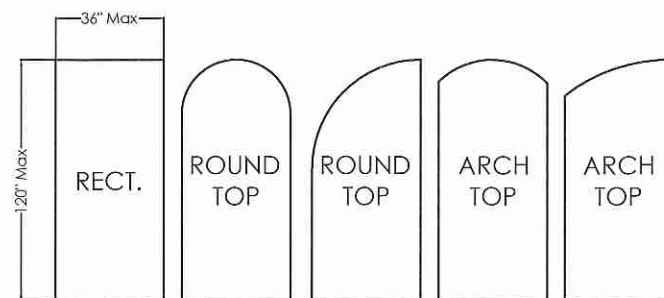
- No True Muntins Allowed:**  
Surface-Applied Muntins May be Used For Divided Lites, or Lite May be Divided Using Mid-Rails and Stiles.
- Surface V-Grooves Optional for both Flat and Raised Panels.
- Min. Stile Size= 6.00" x 1.75"  
Min. Midstile= 2.50" x 1.75"
- Min. Rail Size= 6.00" x 1.75"  
Min. Midrail= 2.50" x 1.75"
- Max Raised Panel Width = 24.00"
- Max Raised Panel Height = 27.00"
- All Elevations Shown Also Qualify any Other Custom Sizes Smaller than Tested Within FBC Allowed Limits.
- Allowable Configurations** are "X", and, "XX", Where "X" Represents an Operable Panel.

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1024.05

Expiration Date 08/11/2026

By Ishag I. Chank  
Miami-Dade Product Control

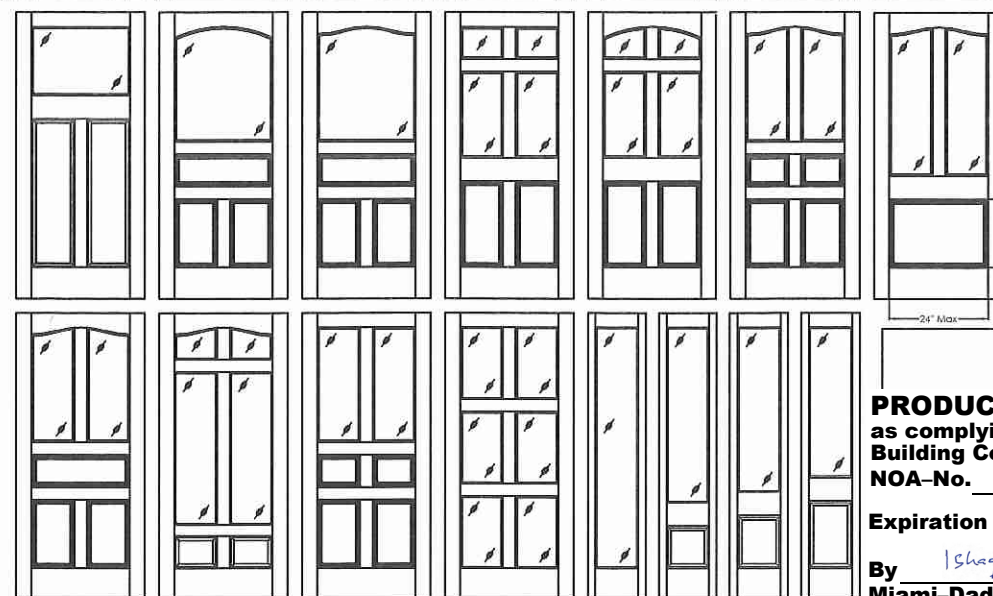
NOTE: Door Panels May be  
Rectangular, Round, or Arch Top.



**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1110.04

Expiration Date 08/11/2021

By Ishag I. Chank  
Miami-Dade Product Control



Partial Raised Panel  
Dimensions May Not  
Exceed 24" in Width,  
or 27" in Height.

**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
NOA-No. 21-0719.05

Expiration Date 08/11/2026

By Ishag I. Chank  
Miami-Dade Product Control

REVISIONS					
No	Date	By	Description	Update to	Comments per
1	12/17/13	EM		Current FBC	Miami-Dade
2	2/17/14	EM			Miami-Dade
3	3/19/14	EM			Miami-Dade
4	4/9/14	EM			Lock Hardware
5	6/4/14	EM			Comments per
6	6/24/14	EM			CMU Anchors, Panel Thickness

**OUTSWING GLAZED WOOD DOOR  
LARGE MISSILE IMPACT RESISTANT**

Exclusive Wood Doors, Inc.

1950 NW. 70th Ave, Miami, FL 33126

**QUALIFIED PANEL  
CONFIGURATIONS**

EXCLUSIVE  
EMD  
WOOD  
DOORS

**CATEGORY 5**  
Engineering Services, Inc.  
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Pompano Beach, FL 33062  
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Sheet  
13 of 13  
DRAWING No.  
EXD 003 R6

