



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

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/economy](http://www.miamidade.gov/economy)

**The Door Store of America, Inc.,**  
**10681 World Trade Blvd.**  
**Raleigh, N.C. 27617**

### 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 "Complete Collection" Outswing Glazed Wood Doors-L. M. Impact

**APPROVAL DOCUMENT:** Drawing No. **DSA 0009 Rev 1**, titled "Outswing Opaque Wood Door", sheets 1, 2 (2A-2D), 3 (3A-3C), 4 (4A-4C), 5 (5A-5C), 6-11, 12(12A),13, 14 (14A), 15 (15A-15C), 16 thru 19 of 19 dated 08/03/22 and last revised on 09/06/22, prepared by PTC, signed and sealed by Robert J. Amoroso, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

### MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

#### Limitations:

1. Multi-point **Ashland** applicable to all models. **Gu**-multi-point limited to Single doors only see sheets 15, 15A-15C.
2. **Partial** raised/Opaque panels are limited to max. **24-1/2" W X 33-7/8" H**.
3. Max **DLO** (day light opening)= **24-1/2"** wide X **105-1/8"** high. See glazing note 6, sheet 1 (laminated glass at Exterior)
4. See approved glazed models' sheets 17 thru 19. Partial opaque permitted. Model with Surface applied Muntins only.
5. Limited Water infiltration Rating, see **Positive** DP in sheet **1**. See sheets 6 and 8 for sill (thresholds) installation.

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, State and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

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

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises** # **20-1130.01** consists of this page 1 and evidence pages E-1, E-2 and E-3 as well as approval documentation. The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**

MIAMI-DADE COUNTY  
APPROVED

NOA No. 23-1117.06  
Expiration Date: **October 13, 2027**  
Approval Date: **January 04, 2024**  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's parts and sections drawings
2. Drawing No. **DSA 0009 Rev 1**, titled "Outswing Opaque Wood Door", sheets 1, 2 (2A-2D), 3 (3A-3C), 4 (4A-4C), 5 (5A-5C), 6-11, 12(12A),13, 14 (14A), 15 (15A-15C), 16 thru 19 of 19 dated 08/03/22 and last revised on 09/06/22, prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, 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) 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 Rectangular Outswing /Inswing glazed Wood doors, prepared by American Testing Lab, Test Report No(s). **ATLNC 0624.01-19**, dated 05/13/20, signed & sealed by David Johnson, P.E.

(These test reports have been revised by an addendum letter dated 09/11/2022, issued by American Testing Lab, signed & sealed by David Johnson, 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 (limited +19.5 PSF)
  - 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 shaped Outswing glazed Wood doors, prepared by American Testing Lab, Test Report No(s). **ATLNC 0624.01-19** (Addendum 2), dated 08/08/22, signed & sealed by David Johnson, P.E

**C. CALCULATIONS**

1. Anchor verification calculations, dated 10/26/20 and 08/02/2022, prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, P.E.
2. Glazing complies with ASTM E-1300-09, -12 and -16.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **20-0915.19** issued to **Kuraray America, Inc.** for their "SentryGlas® (Clear and White) Glass Interlayers", expiring on 07/04/23.

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 23-1117.06**  
**Expiration Date: October 13, 2027**  
**Approval Date: January 04, 2024**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**F. STATEMENTS**

1. Statement letters of conformance to FBC 2020 (7<sup>th</sup> Edition) and “No financial interest”, both dated 10/26/20, signed & sealed by prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, P.E.

**G. OTHER**

1. Test proposal # **21-1045** dated 10/12/21, approved by RER.
2. Article of incorporation and Business corporation name, issued by State of North Carolina.

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 23-1117.06**  
**Expiration Date: October 13, 2027**  
**Approval Date: January 04, 2024**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

- A. DRAWINGS** (submitted under previous approval)
1. Drawing No. **DSA 0009 Rev 1**, titled “Outswing Opaque Wood Door”, sheets 1, 2 (2A-2D), 3 (3A-3C), 4 (4A-4C), 5 (5A-5C), 6-11, 12(12A),13, 14 (14A), 15 (15A-15C), 16 thru 19 of 19 dated 08/03/22 and last revised on 09/06/22, prepared by PTC, signed and sealed by Robert J. Amoruso, P.E.
- B. TESTS**
1. None.
- 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. STATEMENTS**
1. Statement letters of conformance to FBC 2023 (8<sup>th</sup> Edition), dated 11/07/23, signed & sealed by prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, P.E
  2. Statement letters of conformance to FBC 2020 (7<sup>th</sup> Edition) and “No financial interest”, both dated 10/26/20, signed & sealed by prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, P.E. (submitted under previous approval).
- G. OTHER**
1. This NOA **revises #20-1103.01** and updates to FBC 2023, expiring **10/13/27**.
  2. Article of incorporation and Business corporation name, issued by State of North Carolina. (submitted under previous approval).

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 23-1117.06**  
**Expiration Date: October 13, 2027**  
**Approval Date: January 04, 2024**



The Door Store of America, Inc.

Complete Collection, Single and Double Doors, Outswing, Fully and Partially Glazed

GENERAL NOTES:

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE - BUILDING AND RESIDENTIAL REQUIREMENTS INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ) AT THE DESIGN PRESSURE(S) STATED HEREIN. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORT NO. ATLNC 0624.01-19 DATED 5/13/20 AND ADDENDUM DATED 07/20/22 AND ASSOCIATED LABORATORY STAMPED DRAWINGS, SIGNED AND SEALED BY DAVID WESLEY JOHNSON, FL PE NO. 61915. TESTING WAS PERFORMED TO THE FOLLOWING:
- 1.1. ASTM E330-02, ASTM E331-00, ASTM E283-04
- 1.2. TAS 201-94, TAS 202-94 AND TAS 203-94
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE / MASONRY AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE STRUCTURE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
4. IN AREAS WHERE WIND-BORNE DEBRIS PROTECTION REQUIREMENTS EXIST, USE OF AN APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED WITH THIS PRODUCT.
5. DOOR FRAME AND PANEL MATERIAL: MAHOGANY, KNOTTY-ALDER, WALNUT, WHITE OAK AND ACCOYA. MINIMUM SPECIFIC GRAVITY (SG) = 0.55 FOR BASIC AND 0.68 FOR 12% MC.
6. GLAZING: 1" OVERALL THICKNESS: 5/32" TEMPERED, AIR SPACE (1/2" TPS SPACER BY PT ABEBERSA PRATAMA), 5/16" LAMINATED (1/8" ANNEALED x KURARAY AMERICA 0.090 SG INTERLAYER x 1/8" ANNEALED). GLAZED USING DOW 995 STRUCTURAL ADHESIVE GRADE SEALANT.
- 6.1. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-12AE1.
7. SITE CONDITIONS THAT DEVIATE FROM THE DETAILS OF THIS DRAWING REQUIRE FURTHER ENGINEERING EVALUATION BY A LICENSED ENGINEER OR REGISTERED ARCHITECT.
8. DESIGNATION "X" STANDS FOR OPERABLE PANEL.
9. HARDWARE (AS-TESTED; SUBSTITUTIONS ALLOWED PER FBC REQUIREMENTS):
- 9.1. MULTI-POINT LOCK AND HANDLES BY:
- 9.1.1. DOUBLE (XX) DOOR: ASHLAND MULTIPOINT HARDWARE; MODEL V-5100-560.
- 9.1.2. SINGLE (X) FOOR: GU MULTIPOINT HARDWARE; MODEL 6-35565-02-R-8B.
- 9.2. HINGES: (10) STEEL 4-1/2" X 4-1/2" BALL BEARING HINGES BY PHILADELPHIA HARDWARE.
- 9.3. THRESHOLD: ENDURA ZOB56DBFN (BRONZE 5-5/8" BUMPER OUTSWING SILL) OR ZOB76DBFN (BRONZE 7-5/8" BUMPER OUTSWING SILL).
10. INTERIOR AND EXTERIOR FINISHING AND PERIMETER SEALING ARE FOR ILLUSTRATIVE PURPOSES ONLY. THESE DRAWINGS CERTIFY THE DOOR INSTALLATION ONLY. WATER SEALING OF THE INSTALLED DOOR IS NOT PART OF THIS INSTALLATION CERTIFICATION. WATER SEALING SHALL BE THE RESPONSIBILITY OF THE INSTALLER.
- 10.1. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH THE FBC RESIDENTIAL AND BUILDING AND WITH FMA/AAMA/WDMA PROTOCOLS OR AS RECOMMENDED BY THE MANUFACTURER.

INSTALLATION ANCHORAGE DETAILS

INSTALLATION NOTES:

1. INSTALLATION ANCHORAGE SHALL BE LOCATED AS SHOWN IN THE FOLLOWING ELEVATION VIEWS.
- 1.1. 2X WOOD FRAMING OR BUCKING SUBSTRATES SHOWN ON SHEET 3, 3A, 3B & 3C.
- 1.2. CONCRETE AND MASONRY SUBSTRATES AS SHOWN ON SHEET 4, 4A, 4B & 4C.
2. SPECIFIC INSTALLATION DETAILS ARE SHOWN ON THE FOLLOWING SHEETS.
- 2.1. 2X WOOD FRAMING OR BUCKING AT HEAD, SILLS OR JAMBS
- 2.1.1. SEE DETAILS ON SHEET 6 FOR HEAD AND SILL INSTALLATION ANCHORAGE REQUIREMENTS.
- 2.1.2. SEE DETAILS ON SHEET 7 FOR JAMB INSTALLATION ANCHORAGE REQUIREMENTS.
- 2.2. CONCRETE OR MASONRY AT HEAD, SILLS OR JAMBS (OPTIONAL 1X WOOD BUCK ALLOWED, SEE NOTE 3.1)
- 2.1.1. SEE DETAILS ON SHEET 8 FOR HEAD AND SILL INSTALLATION ANCHORAGE REQUIREMENTS.
- 2.1.2. SEE DETAILS ON SHEET 9 FOR JAMB INSTALLATION ANCHORAGE REQUIREMENTS.
3. VERTICAL AND HORIZONTAL SECTION VIEWS ARE SHOWN ON THE FOLLOWING SHEETS.
- 3.1. 2X WOOD FRAMING OR BUCKING AT HEAD, SILLS OR JAMBS
- 3.1.1. SEE DETAILS ON SHEET 11 FOR VERTICAL SECTION VIEWS OF HEAD AND SILL.
- 3.1.2. SEE DETAILS ON SHEET 12 & 12A FOR HORIZONTAL SECTION VIEWS OF JAMBS.
- 3.2. CONCRETE OR MASONRY AT HEAD, SILLS OR JAMBS (OPTIONAL 1X WOOD BUCK ALLOWED, SEE NOTE 3.1)
- 3.1.1. SEE DETAILS ON SHEET 13 FOR VERTICAL SECTION VIEWS OF HEAD AND SILL.
- 3.1.2. SEE DETAILS ON SHEET 14 & 14A FOR HORIZONTAL SECTION VIEWS OF JAMBS.
4. INSTALLATION SCREW (ANCHORAGE) SPECIFICATION
- 4.1. NO. 14 WOOD SCREWS.
- 4.1.1. WOOD SCREWS SHALL MEET ANSI B18.6.1 AND BE A MINIMUM GRADE 2 STRENGTH
- 4.1.2. MINIMUM EMBEDMENT IS 1-1/2". WOOD SCREW LENGTHS CAN BE VARIED IF NEEDED AS LONG AS MINIMUM EMBEDMENT IS MAINTAINED. THIS REQUIREMENT APPLICABLE TO SUBSTRATE EMBEDDED SCREWS ONLY.
- 4.1.3. MINIMUM EDGE DISTANCE AND SPACING BETWEEN SCREW IS 1".
- 4.2. 1/4" DIAMETER ELCO ULTRACON CONCRETE SCREWS
- 4.2.1. MINIMUM EMBEDMENT IS 1-3/4" IN CONCRETE AND 1-1/4" IN MASONRY (CMU).
- 4.2.2. MINIMUM EDGE DISTANCE IS 2-1/2".
- 4.2.3. MINIMUM SPACING BETWEEN SCREWS IS 4".
- 4.2.3.1. EXCEPTION: HINGE ANCHORAGE AS SHOWN ON SHEET 9, DETAIL10 HAS BEEN ACCOUNTED FOR. THE 3.484" SPACING BETWEEN ANCHORS IS ACCEPTABLE.
5. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION AT THE MAXIMUM UNIT SIZE SHOWN. SMALLER UNIT SIZES CAN HAVE LESS ANCHORS AS LONG AS THE EDGE DISTANCE AND ON CENTER (O.C.) SPACING ARE THE SAME AS OR LESS THAN THAT SHOWN. INSTALLATION ANCHORS AT THE STRIKE PLATES AND HINGES SHALL REMAIN THE SAME.
6. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM SIZE IS 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER. SHIMS MAY NOT BE SHOWN IN THE SECTION VIEWS OF THIS DRAWING FOR CLARITY.
7. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES (INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING).

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3, 3A, 3B & 3C	ELEVATION - ANCHOR LAYOUT - WOOD INSTALLATION
4, 4A, 4B & 4C	ELEVATION - ANCHOR LAYOUT - CONCRETE/MASONRY INSTALLATION
5, 5A, 5B & 5C	ELEVATIONS - HINGES & BRICK MOULD
6	WOOD INSTALLATION - DETAILS 1 THRU 6
7	WOOD INSTALLATION - DETAILS 7 THRU 11
8	CONCRETE INSTALLATION - DETAILS 1 THRU 6
9	CONCRETE/MASONRY INSTALLATION - DETAILS 7 THRU 11
10	DETAILS - MISCELLANEOUS
11	SECTIONS - VERTICAL - WOOD INSTALLATION
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13	SECTIONS - VERTICAL - CONCRETE INSTALLATION
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15, 15A, 15B & 15C	MULTIPOINT LOCK LAYOUT
16	PANEL CONSTRUCTION - MULTIPOINT LOCK DETAIL
17 THRU 19	APPROVED CONFIGURATIONS

PRODUCT REVISED  
as complying with the Florida  
Building Code  
NOA-No. 23-1117.06  
Expiration Date 10/13/2027  
By Ishag I. Chank  
Miami-Dade Product Control

PERFORMANCE RATING			
MAXIMUM UNIT DIMENSIONS	DESIGN PRESSURE RATING (PSF)	WATER PENETRATION RATING	IMPACT RATING
76" X 123-1/16" XX OUTSWING - RECTANGULAR 76-5/8" X 123-5/16" XX OUTSWING - ARCH TOP 39-3/4" X 123-1/2" X OUTSWING - RECTANGULAR 39-3/4" X 123-1/2" X OUTSWING - ARCH TOP	±70.0 *	SEE NOTE 1 & 2 *	HVHZ LARGE MISSILE IMPACT
	+19.5 / -70	SEE NOTE 1 & 3	
NOTE 1: PRODUCT TESTED FOR LIMITED WATER PENETRATION RESISTANCE AT 19.5 PSF POSITIVE DESIGN PRESSURE. NOTE 2: THE PRODUCT MUST BE USED WHERE WATER PENETRATION IS NOT REQUIRED OR WHERE AN OVERHANG MEETING THE REQUIREMENTS OF THE CURRENT EDITION OF THE FLORIDA BUILDING AND RESIDENTIAL CODES HAS BEEN EMPLOYED. NOTE 3: WHERE DP REQUIREMENTS DO NOT EXCEED +19.5/-70 PSF, THE PRODUCT CAN BE USED WITHOUT OVERHANG.			

PROJECT #420-0601

The Door Store of America, Inc.

10681 World Trade Blvd

Raleigh, NC 27617

Complete Collection, Single and Double Doors, Outswing, Glazed

NOTES - GENERAL & INSTALLATION

PREPARED BY: RJA

DATE: 8/3/2022

SCALE: N.T.S.

DRAWING NO: DSA0009

REV: A

SHEET: 1 OF 19

PTC PRODUCT DESIGN GROUP, LLC  
PO BOX 293772  
LONGWOOD, FLORIDA 32762  
FBPE C.A. NO. 25935  
Phone: 321.690.1788  
Fax: 321.690.1789  
Email: info@ptc-corp.com

Approved as complying with the  
Florida Building Code  
Date 10/13/2027  
NOA# 20-1130-01  
Miami Dade Product Control

By Ishag I. Chank

Robert J. Amoroso, P.E.  
Florida P.E. No. 49752

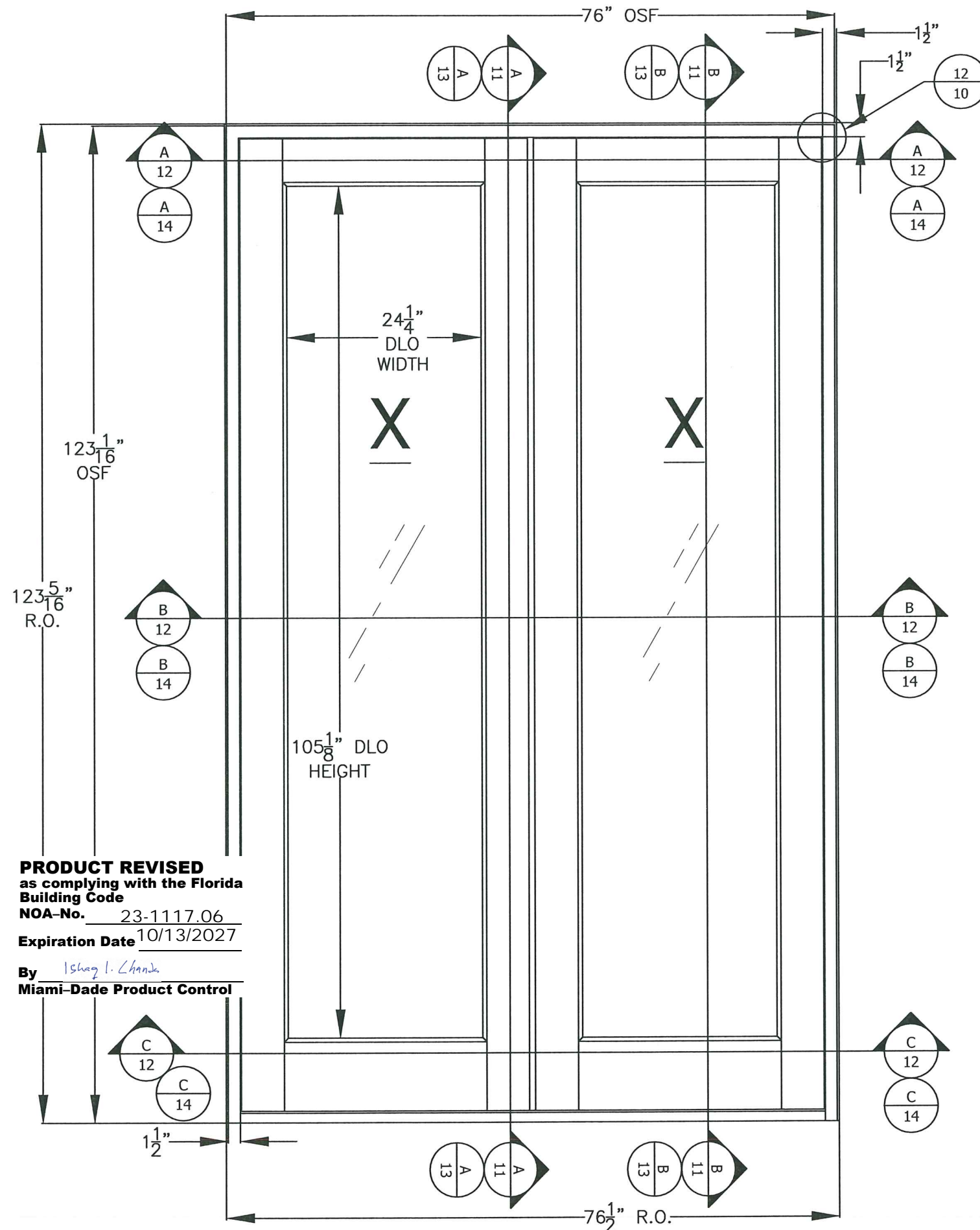




XX  
RECTANGULAR  
ELEVATION  
EXTERIOR

**PRODUCT LIMITATIONS:**

1. MAXIMUM OVERALL (O.A.) FRAME SIZE
  - 1.1. 76" X 123-1/16"
2. MAXIMUM PANEL SIZE
  - 2.1. 36" X 120"
3. MINIMUM PANEL THICKNESS
  - 3.1. 2-1/4" (NOMINAL)
4. MAXIMUM DAYLIGHT OPENING (DLO)
  - 4.1. MAXIMUM FULL VIEW LITE DLO 24-1/4" X 105-5/8"
  - 4.2. DLO SHOWN IS APPROXIMATE AND MAY VARY.
5. FULL VIEW GLAZED LITES SHOWN.
6. SEE SHEETS 17, 18 AND 19 FOR ADDITIONAL APPROVED CONFIGURATIONS.
7. SEE SHEET 2D FOR PANEL RAIL AND STILE DIMENSIONING.



**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1117.06  
Expiration Date 10/13/2027  
By Ishag I. Chande  
**Miami-Dade Product Control**

Approved as complying with the  
Florida Building Code  
Date 10/13/2022  
NOA# 20-1130.01  
Miami Dade Product Control  
By Ismael I. Hernandez

Robert J. Amoruso, P.E.  
Florida P.E. No. 49752





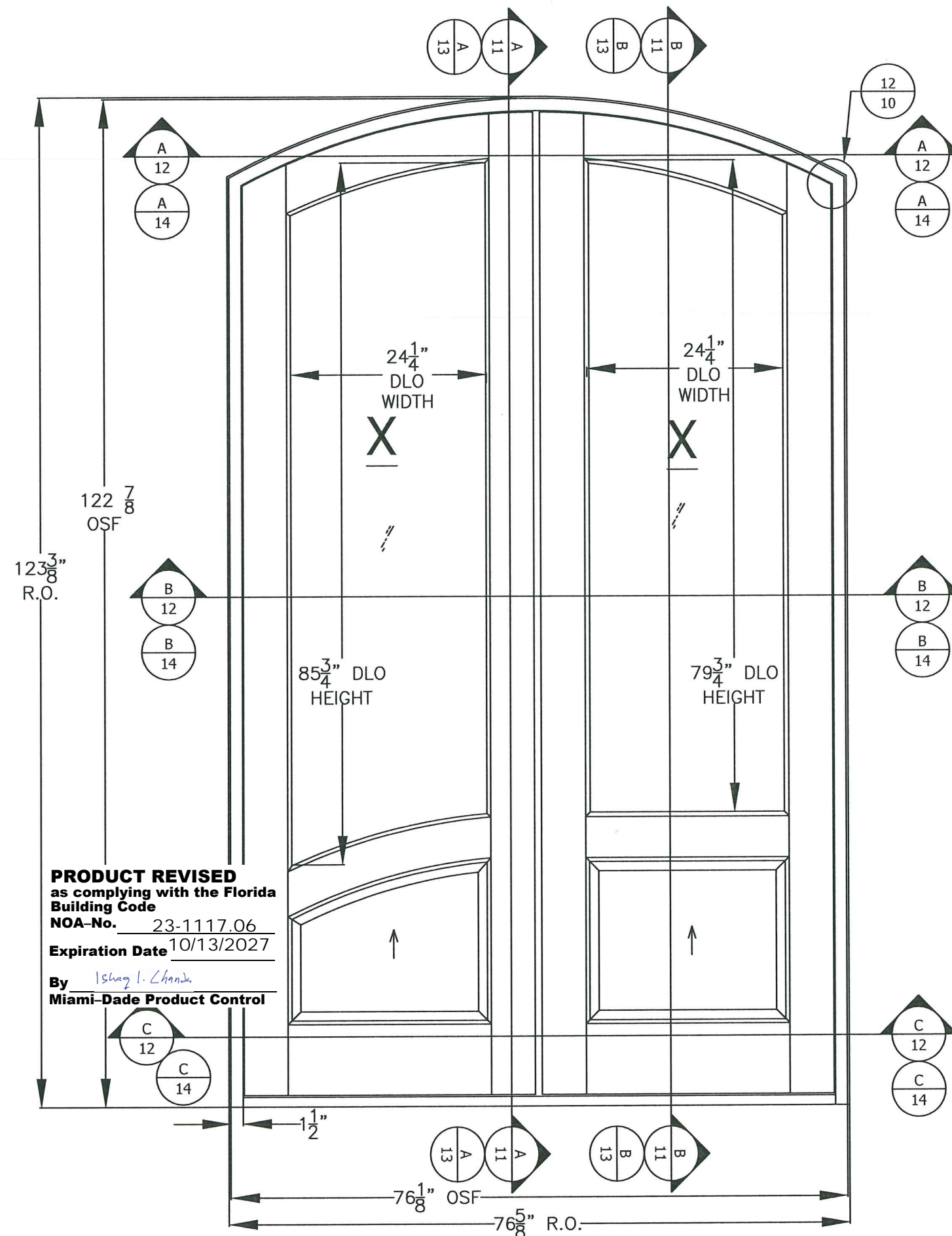
PROJECT #420-0601



# XX PARTIALLY GLAZED ARCH TOP ELEVATION EXTERIOR

## PRODUCT LIMITATIONS:

1. MAXIMUM OVERALL (O.A.) FRAME SIZE
  - 1.1. 39-1/4" X 122-7/8"
2. MAXIMUM PANEL SIZE
  - 2.1. 36" X 120"
3. MINIMUM PANEL THICKNESS
  - 3.1. 2-1/4" (NOMINAL)
4. MAXIMUM DAYLIGHT OPENING (DLO)
  - 4.1. MAXIMUM PARTIALLY GLAZED LITE DLO 24-1/4" X 79-3/4" & 24-1/4" X 85-3/4".
  - 4.2. DLO SHOWN IS APPROXIMATE AND MAY VARY.
5. PARTIALLY GLAZED LITES WITH OPAQUE RAISED PANELS SHOWN.
6. SEE SHEETS 17, 18 AND 19 FOR ADDITIONAL APPROVED CONFIGURATIONS.
7. SEE SHEET 2D FOR PANEL RAIL AND STILE DIMENSIONING.



PROJECT #420-0601

The Door Store of America, Inc.  
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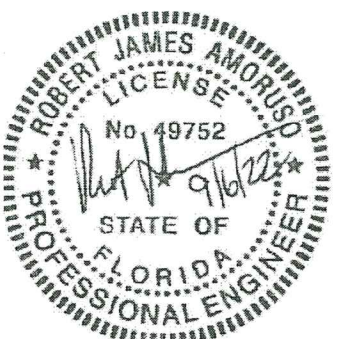
TITLE: Complete Collection, Single and Double Doors, Outswing, Glazed  
XX PARTIALLY GLAZED ARCH TOP ELEVATION

PREPARED BY: **PTC**  
DATE: 8/3/2022  
DRAWING NO: DSA0009  
SCALE: N.T.S.  
SHEET: 2B OF 19  
REV: A

PTC PRODUCT DESIGN GROUP, LLC  
PO BOX 120019  
LONGVIEW, CA 92752  
Phone: 321.690.1788  
Fax: 321.690.1789  
Email: info@ptc-corp.com  
FBPE C.A. NO. 25835

Approved as complying with the  
Florida Building Code  
Date 10/13/2022  
NOA# 23-1130.01  
Miami Dade Product Control  
By Ishag I. Chande

Robert J. Amoruso, P.E.  
Florida P.E. No. 49752

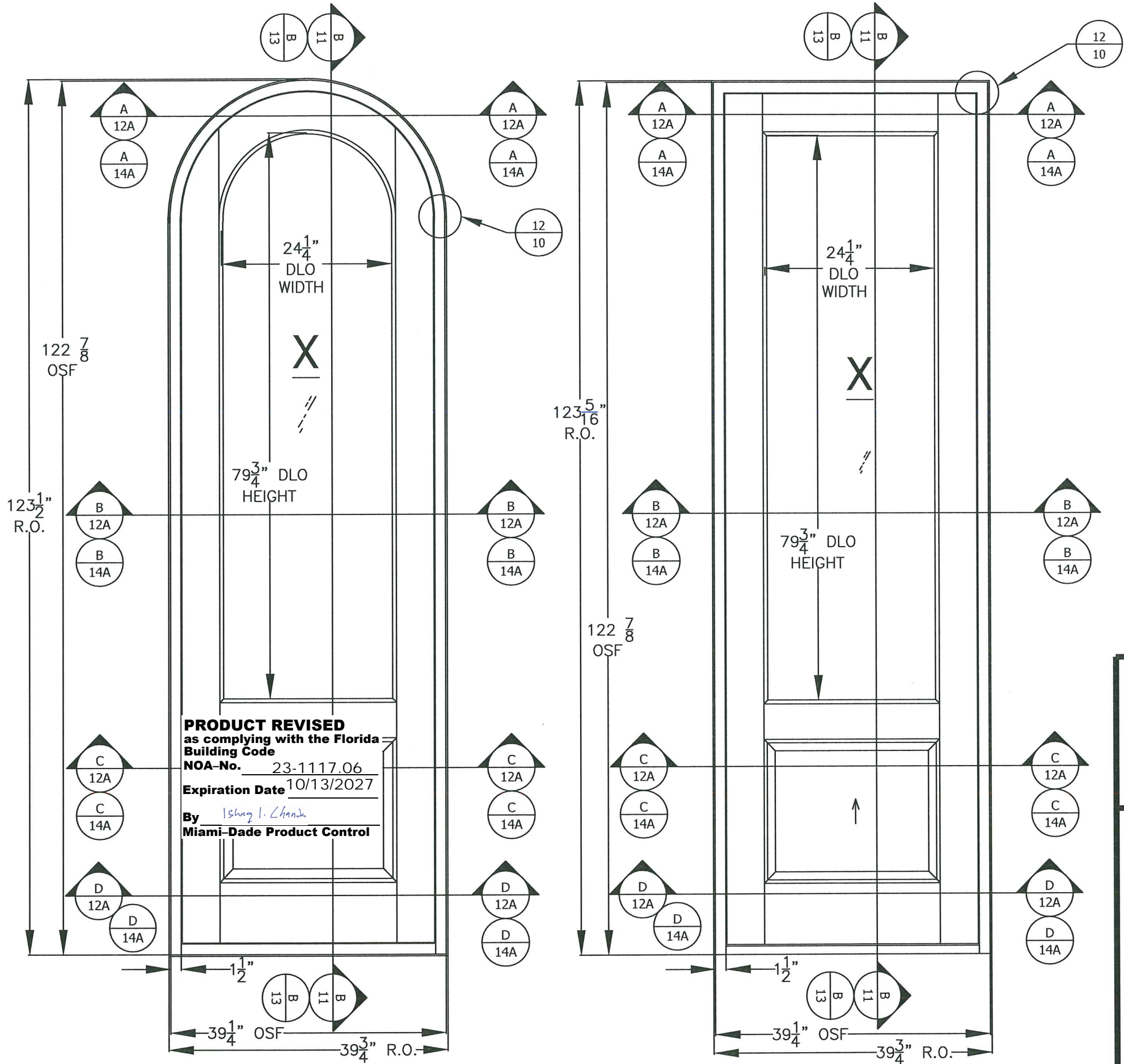




X PARTIALLY  
GLAZED  
RECTANGULAR  
AND ARCH TOP  
ELEVATIONS  
EXTERIOR

PRODUCT LIMITATIONS:

1. MAXIMUM OVERALL (O.A.) FRAME SIZE
  - 1.1. 39-1/4" X 122-7/8"
2. MAXIMUM PANEL SIZE
  - 2.1. 36" X 120"
3. MINIMUM PANEL THICKNESS
  - 3.1. 2-1/4" (NOMINAL)
4. MAXIMUM DAYLIGHT OPENING (DLO)
  - 4.1. MAXIMUM PARTIALLY GLAZED LITE DLO 24-1/4" X 79-3/4"
  - 4.2. DLO SHOWN IS APPROXIMATE AND MAY VARY.
5. PARTIALLY GLAZED LITES WITH OPAQUE RAISED PANELS SHOWN.
6. SEE SHEETS 17, 18 AND 19 FOR ADDITIONAL APPROVED CONFIGURATIONS.
7. SEE SHEET 2D FOR PANEL RAIL AND STILE DIMENSIONING.



**PRODUCT REVISED**  
as complying with the Florida  
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The Door Store of America, Inc.  
10681 World Trade Blvd  
Raleigh, NC 27617

TITLE Complete Collection, Single and Double Doors, Outswing, Glazed  
X PARTIALLY GLAZED RECTANGULAR AND ARCH TOP ELEVATIONS

DATE: 8/3/2022

DRAWING NO: DSA0009

SHEET: 2C OF 19

REV: A

DESCRIPTION

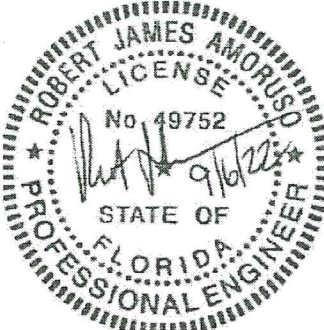
REV

DATE

BY

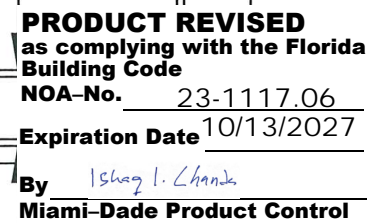
Approved as complying with the  
Florida Building Code  
Date 10/13/2027  
NOA# 23-1130-01  
Miami Dade Product Control  
By Ishag I. Chande

Robert J. Amoroso, P.E.  
Florida P.E. No. 49752





## EXTERIOR



By Ishay I. Ulan

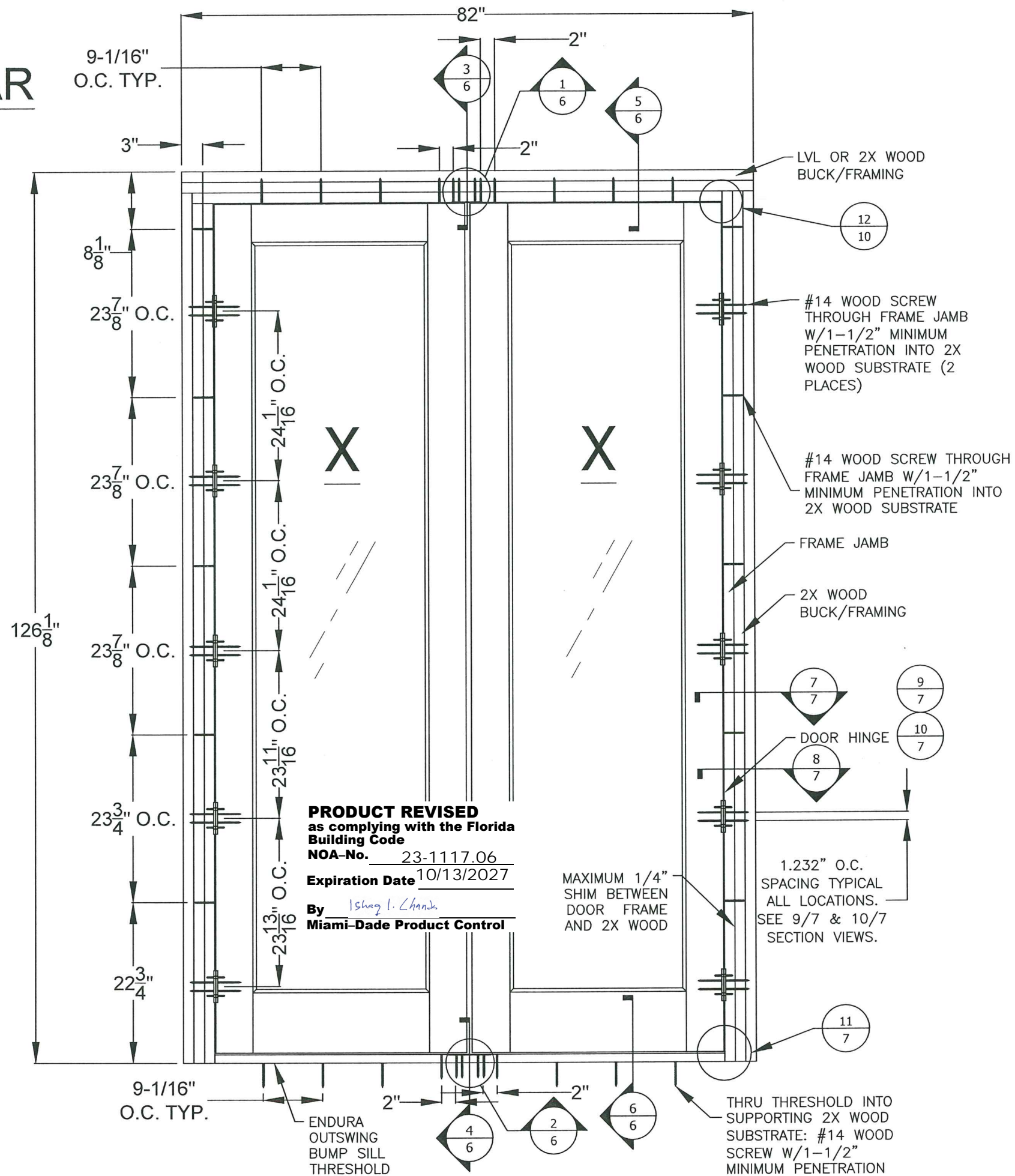
A circular professional engineer license seal for Robert James Amoroso, State of Florida. The seal features the text "ROBERT JAMES AMOROSO" at the top, "LICENSE" below it, "No. 49752" in the center, and "STATE OF FLORIDA" at the bottom. The outer ring of the seal reads "PROFESSIONAL ENGINEER". A signature is written across the center, and the date "9/6/22" is stamped on the right side.

	PREPARED BY:	DATE:	8/3/2022
		DRAWN BY:	RJA
		SCALE:	N.T.S.
		REV:	A
PFC PRODUCT DESIGN GROUP, LLC Phone: 321.690.1788 Fax: 321.690.1789 Email: info@pfc-corp.com LONGWOOD, FLORIDA 32752 FBPE C.A. NO. 25935			

PROJECT #420-0601

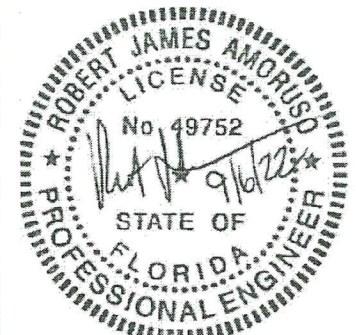
A	REVISED FOR MD COMMENTS	9/2/2022	RJA
REV	DESCRIPTION	DATE	BY

## 2X WOOD BUCK/FRAMING INSTALLATION



Approved as complying with the  
Florida Building Code  
Date 10/13/2022  
NOA# 20-1130-01  
Miami Dade Product Control  
By Ismael L. Hernandez

Robert J. Amoruso, P.E.  
Florida P.E. No. 49752



**The Door Store of America, Inc.**  
10681 World Trade Blvd  
Raleigh, NC 27617

**Raleigh, NC 27617**

**TITLE: Complete Collection, Single and Double Doors, Outswing, Glazed ELEVATION - ANCHOR LAYOUT - WOOD**

**PREPARED BY:** **DRAWN BY:** **DATE:**

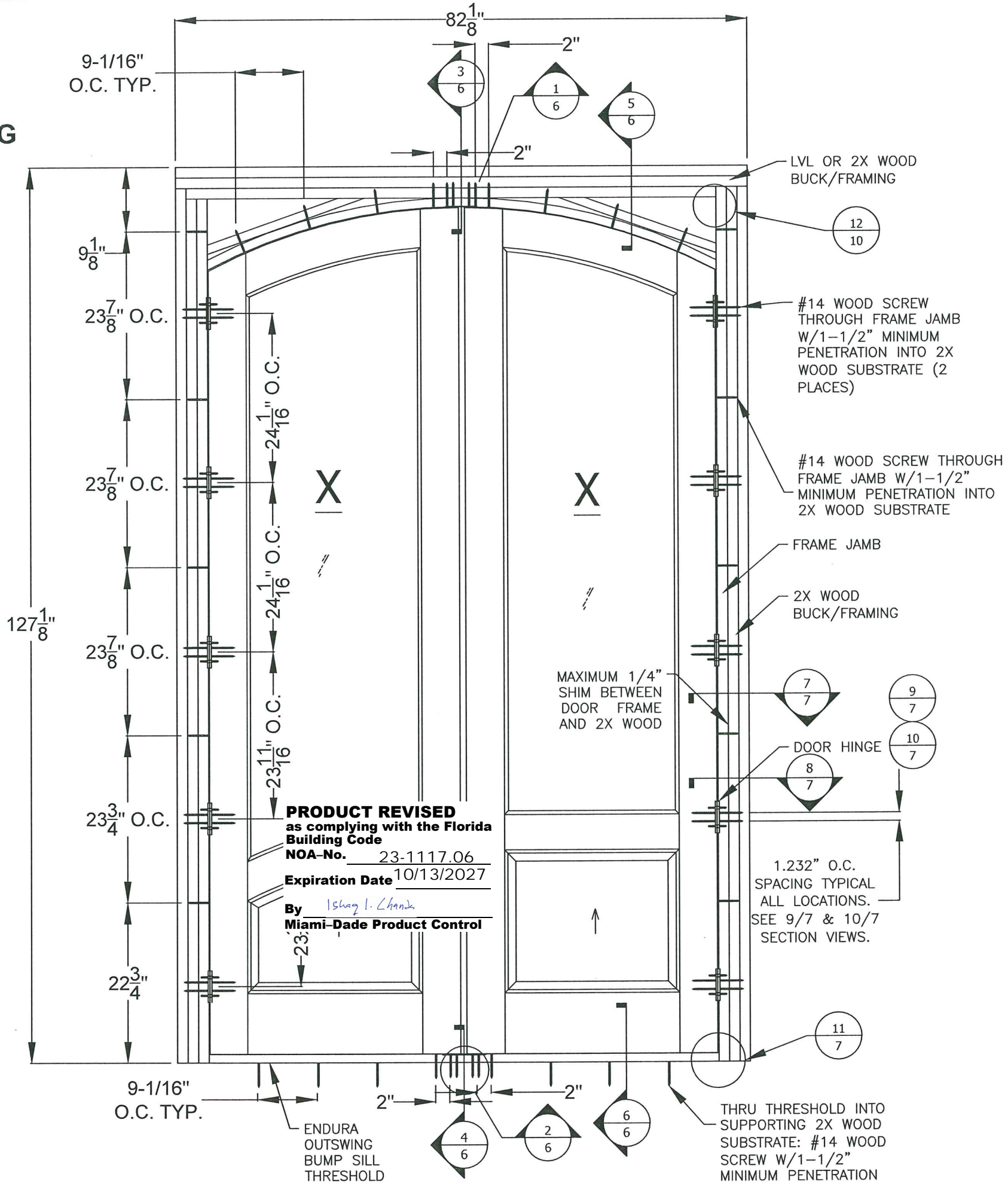
PREPARED BY:   PDC PRODUCT DESIGN GROUP, LLC LONGWOOD, FLORIDA 32752 FBPE C.A. No. 25935	DATE:	8/3/2022
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	SCALE:	N.T.S.
	REV:	A
DRAWING NO:		DSA0009
SHEET:		3 OF 19


PROJECT #420-0601

A	REVISED FOR MD COMMENTS	9/2/2022	RJA
REV	DESCRIPTION	DATE	BY



## 2X WOOD BUCK/FRAMING INSTALLATION



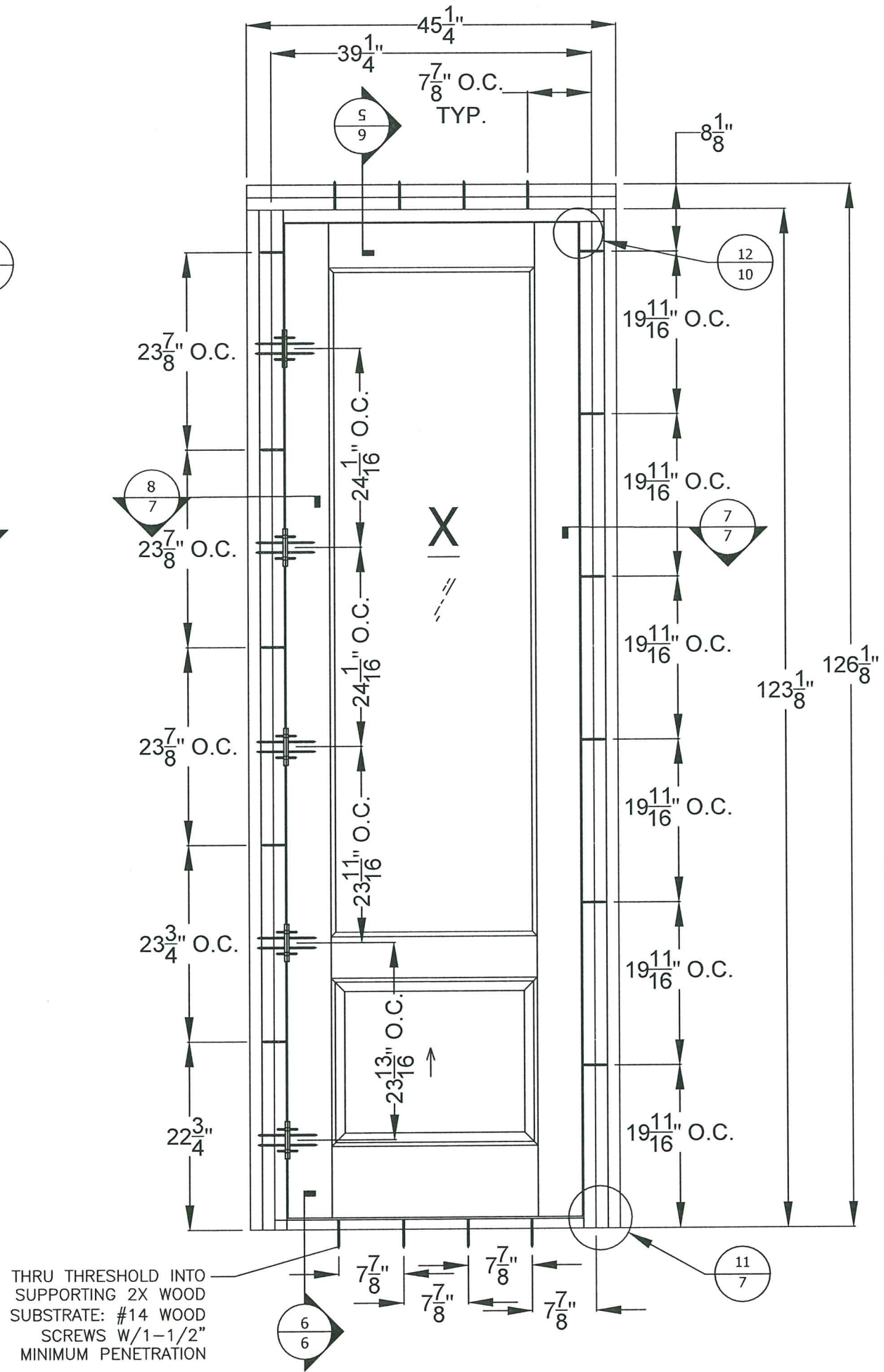
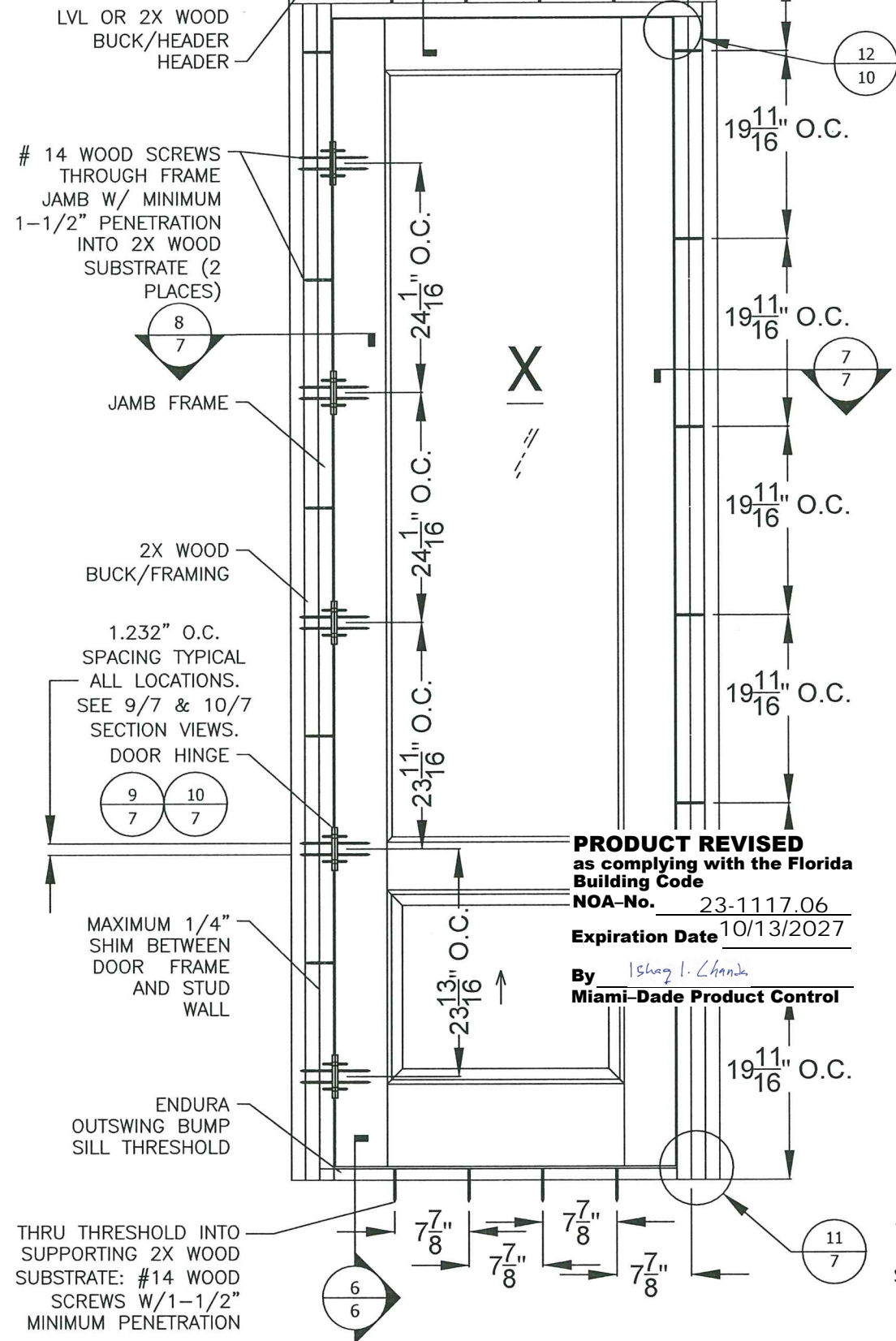
PREPARED BY:		DRAWN BY:	RJA	DATE:	8/3/2022
PFC PRODUCT DESIGN GROUP, LLC PO BOX 520775 LONGWOOD, FLORIDA 32752 FBPE C.A. NO. 25835		SCALE:	N.T.S.	DRAWING NO:	DSA00099
		REV:	A	SHEET:	3A OF 19
		Phone: 321.690.1788 Fax: 321.690.1789 Email: info@pfc-corp.com			

By Ishay I. Gendler



# X RECTANGULAR ELEVATION


## 2X WOOD BUCK/FRAMING INSTALLATION



PROJECT #420-0601

**The Door Store of America, Inc.**  
10681 World Trade Blvd  
Raleigh, NC 27617

PREPARED BY:	DATE:	8/3/2022
DRAWN BY:	SCALE:	N.T.S.
REV:	DRAWING NO:	DSA0009
	SHEET:	3B OF 19



PTC PRODUCT DESIGN GROUP, LLC  
 PO BOX 520775  
 LONGWOOD, FLORIDA 32072  
 FBPE C.A. NO. 25935

Phone: 321.690.1788  
 Fax: 321.690.1789  
 Email: [info@ptc-corp.com](mailto:info@ptc-corp.com)

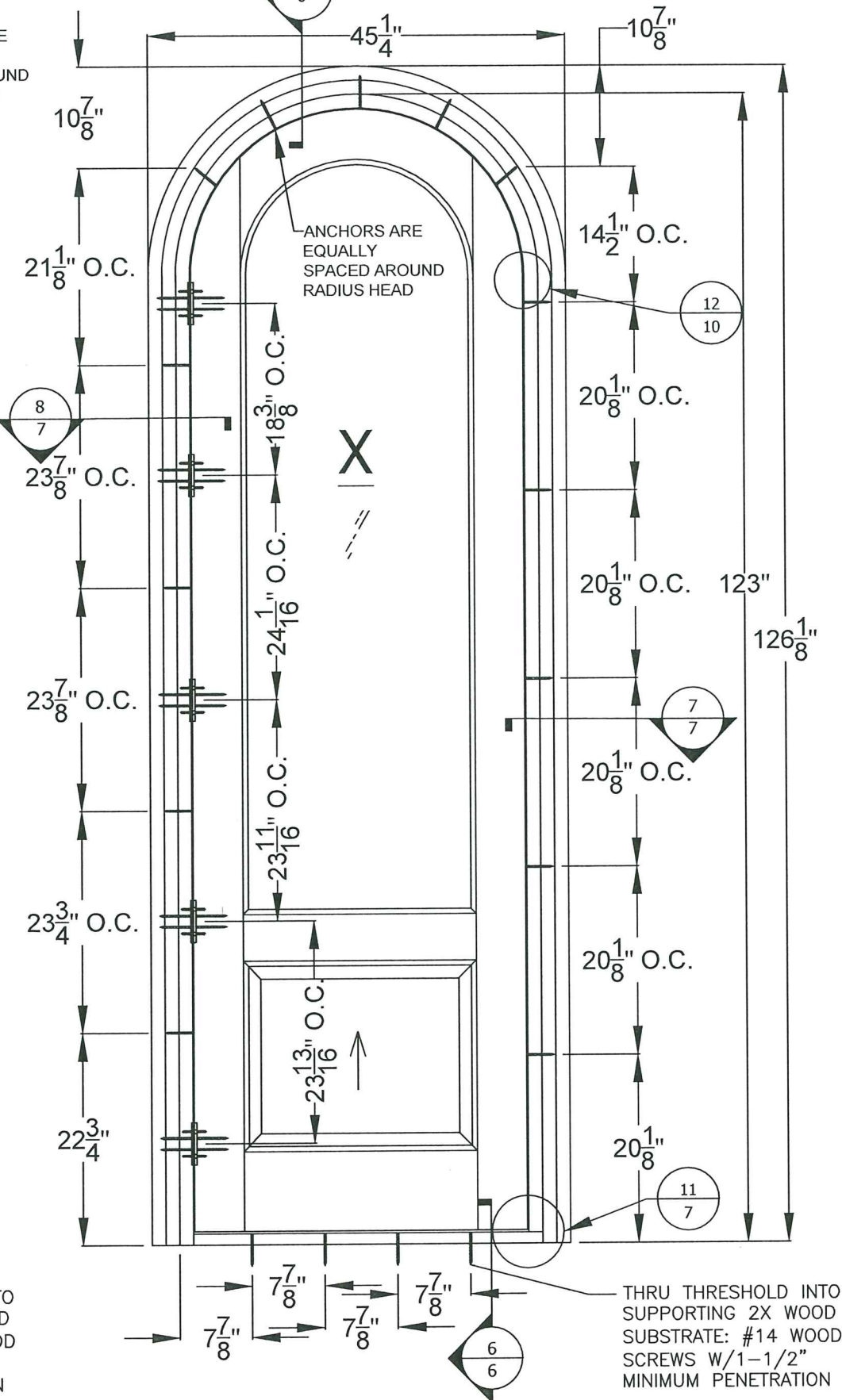
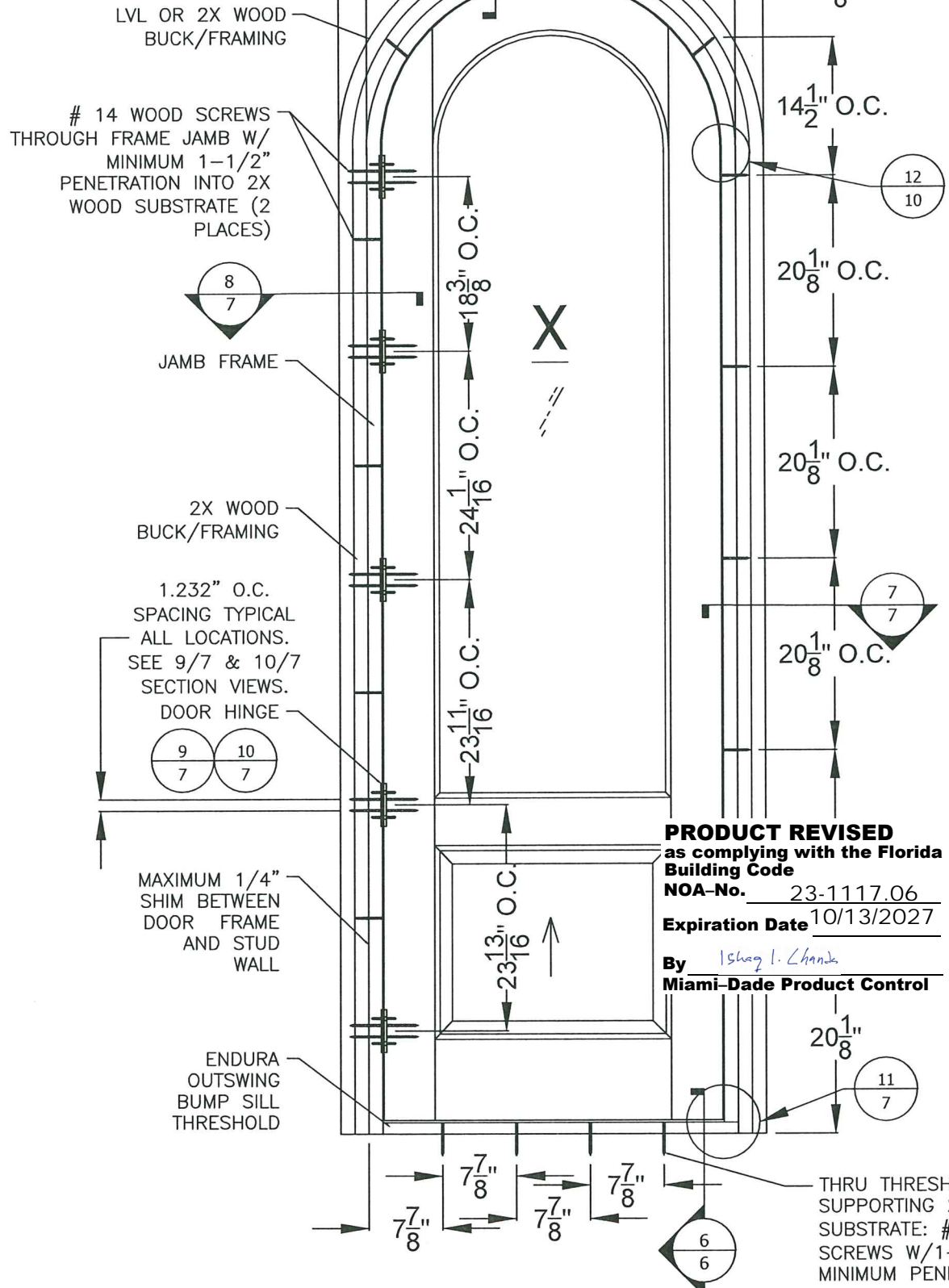
Approved as complying with the  
Florida Building Code  
Date 10/13/2022  
NOA# 20-1130.01  
Miami Dade Product Control  
By Wang L. Hernandez

Robert J. Amoruso, P.E.  
Florida P.E. No. 49752





# X ARCH TOP ELEVATION



**The Door Store of America, Inc.**  
10681 World Trade Blvd  
Raleigh, NC 27617

<b>TITLE:</b> Complete Collection, Single and Double Doors, Outswing, Glazed ELEVATION - ANCHOR LAYOUT - WOOD	
<b>PREPARED BY:</b>	<b>DRAWN BY:</b>
<b>DATE:</b>	

PREPARED BY:	DATE:
 PTC PRODUCT DESIGN GROUP, LLC PO BOX 1208776 LONGWASH, WA 98043 PHONE: 321.690.1788 FAX: 321.690.1789 EMAIL: info@ptc-corp.com	DRAWING NO: 8/3/2022 SCALE: RJA REV: N.T.S. SHEET: 3C OF 19 A

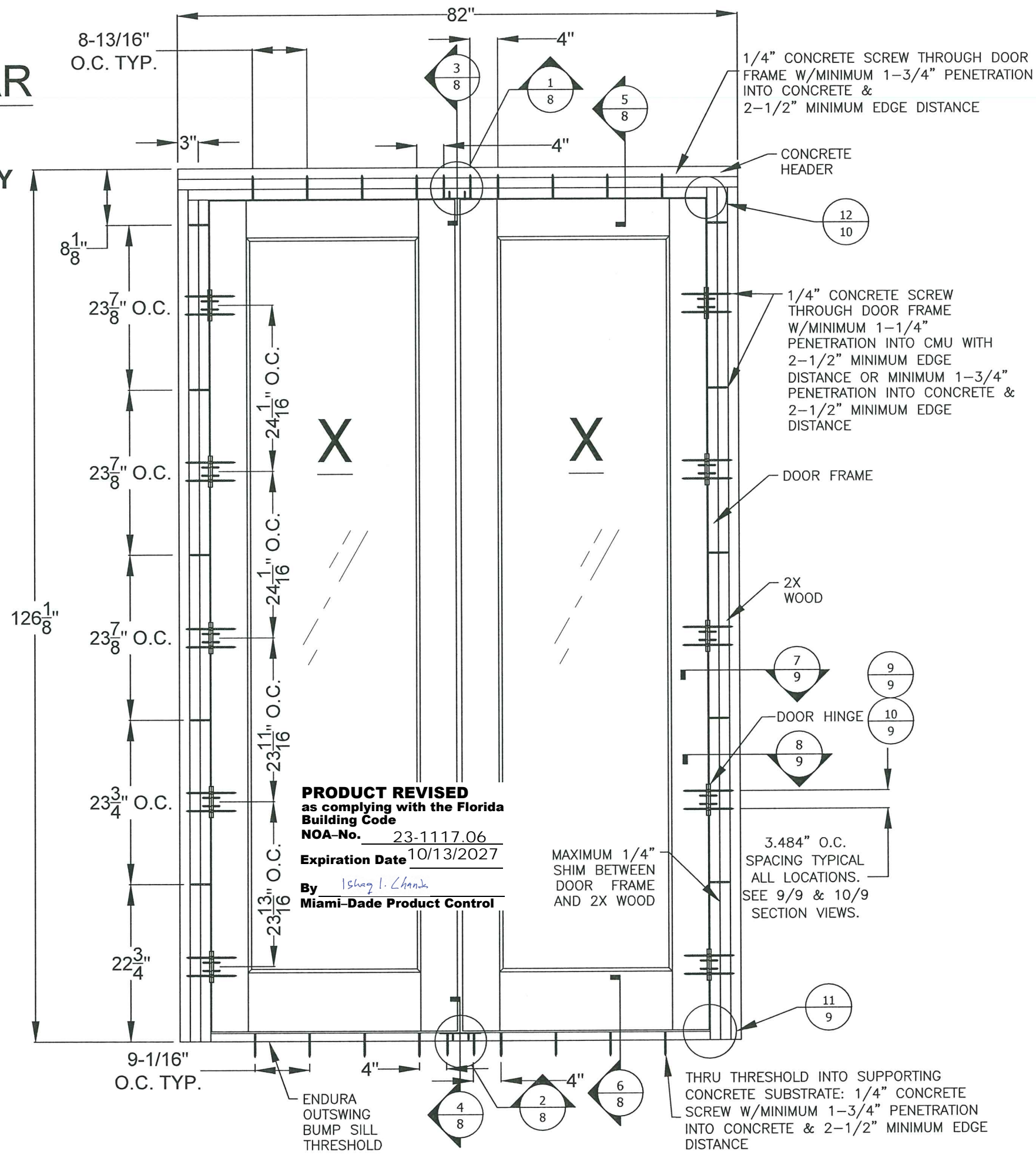
Approved as complying with the  
Florida Building Code  
Date 10/13/2027  
NOA# 20-1130.01  
Miami Dade Product Control  
By Greg L. L...

Robert J. Amoruso, P.E.  
Florida P.E. No. 49752





XX  
RECTANGULAR  
ELEVATION  
CONCRETE/MASONRY  
INSTALLATION



**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1117.06  
Expiration Date 10/13/2027  
By Ishag I. Chanda  
Miami-Dade Product Control

PROJECT #420-0601

The Door Store of America, Inc.  
10681 World Trade Blvd  
Raleigh, NC 27617

Complete Collection, Single and Double Doors, Outswing, Glazed  
ELEVATION - ANCHOR LAYOUT - CONCRETE/MASONRY

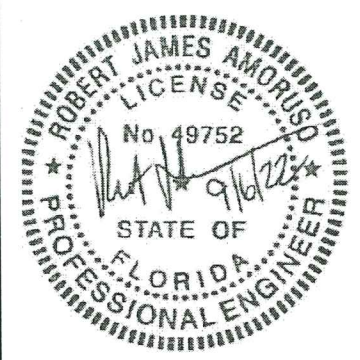
DATE: 8/3/2022  
DRAWING NO: DSA0009  
SHEET: 4 OF 19

DRAWN BY: RJA  
SCALE: N.T.S.  
REV: A

PREPARED BY: **PTC**  
PTC PRODUCT DESIGN GROUP, LLC  
PO BOX 520775  
LONGWOOD, FLORIDA 32752  
Phone: 321.690.1788  
Fax: 321.690.1789  
Email: info@ptc-corp.com

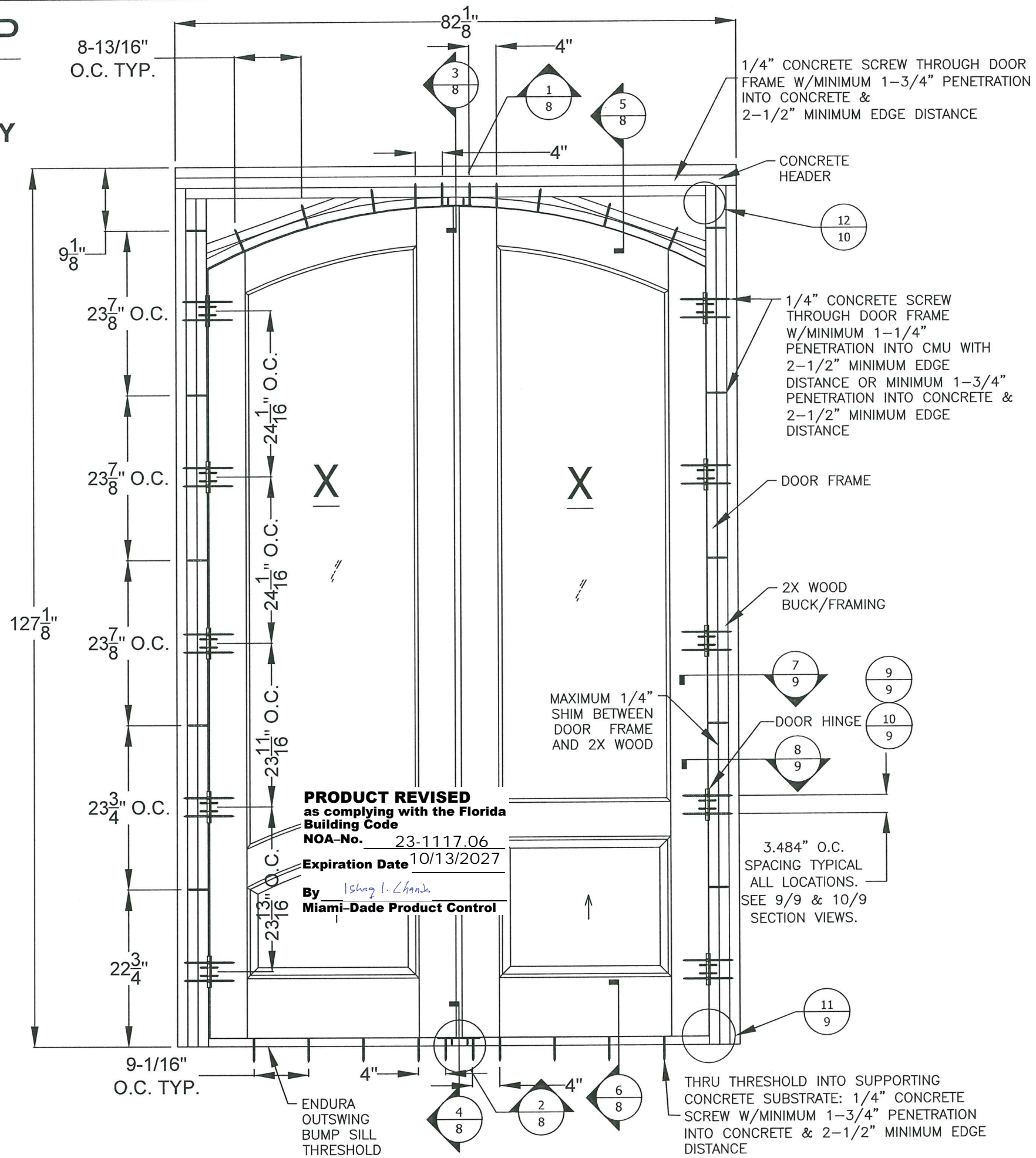
Approved as complying with the  
Florida Building Code  
Date 10/13/2022  
NOA# 23-1130-01  
Miami Dade Product Control  
By Ishag I. Chanda

Robert J. Amoruso, P.E.  
Florida P.E. No. 49752





# XX ARCH TOP ELEVATION CONCRETE/MASONRY INSTALLATION



**PREPARED BY:**

**PTC**

PTC PRODUCT DESIGN GROUP, LLC  
PO BOX 520775  
LONGWOOD, FLORIDA 32752  
FBPE C.A. NO. 25935

Phone: 321.690.1788  
Fax: 321.690.1789  
Email: [info@ptc-corp.com](mailto:info@ptc-corp.com)







X ARCH TOP  
ELEVATION  
CONCRETE/MASONRY  
INSTALLATION

1/4" CONCRETE SCREWS THROUGH  
DOOR FRAME JAMB W/ MINIMUM  
1-1/4" PENETRATION INTO CMU WITH  
2-1/2" MINIMUM EDGE DISTANCE OR  
MINIMUM 1-3/4" PENETRATION INTO  
CONCRETE & 2-1/2" MINIMUM EDGE  
DISTANCE

DOOR FRAME

2X WOOD  
BUCK/FRAMING

3.484" O.C.  
SPACING TYPICAL  
ALL LOCATIONS.  
SEE 9/9 & 10/9  
SECTION VIEWS.

DOOR HINGE

MAXIMUM 1/4"  
SHIM BETWEEN  
DOOR FRAME  
AND 2X WOOD

ENDURA  
OUTSWING  
BUMP SILL  
THRESHOLD

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

NOA-No. 23-1117.06

Expiration Date 10/13/2027

By Ishag I. Chande

Miami-Dade Product Control

ANCHORS ARE  
EQUALLY  
SPACED AROUND  
RADIUS HEAD

ANCHORS ARE  
EQUALLY  
SPACED AROUND  
RADIUS HEAD

THRU THRESHOLD INTO  
SUPPORTING CONCRETE  
SUBSTRATE: 1/4"  
CONCRETE SCREWS  
W/1-1/2" MINIMUM  
PENETRATION INTO  
CONCRETE & 2-1/2"  
MINIMUM EDGE DISTANCE

THRU THRESHOLD INTO  
SUPPORTING CONCRETE  
SUBSTRATE: 1/4"  
CONCRETE SCREWS  
W/1-1/2" MINIMUM  
PENETRATION INTO  
CONCRETE & 2-1/2"  
MINIMUM EDGE DISTANCE

PROJECT #420-0601

The Door Store of America, Inc.  
10681 World Trade Blvd  
Raleigh, NC 27617

TITLE Complete Collection, Single and Double Doors, Outswing, Glazed  
ELEVATION - ANCHOR LAYOUT - CONCRETE/MASONRY

PREPARED BY: RJA DATE: 8/3/2022

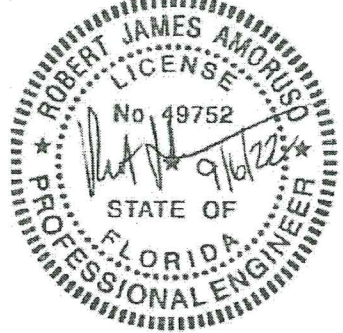
DRAWING NO: DSA0009

SHEET: 4C OF 19

PTC PRODUCT DESIGN GROUP, LLC  
PO BOX 520775  
LONGWOOD, FLORIDA 32752  
Phone: 321.690.1788  
Fax: 321.690.1789  
Email: info@ptc-corp.com  
FBIE C.A. NO. 25955

Approved as complying with the  
Florida Building Code  
Date 10/13/2027  
NOA# 23-1130.01  
Miami Dade Product Control  
By Ishag I. Chande

Robert J. Amoruso, P.E.  
Florida P.E. No. 49752

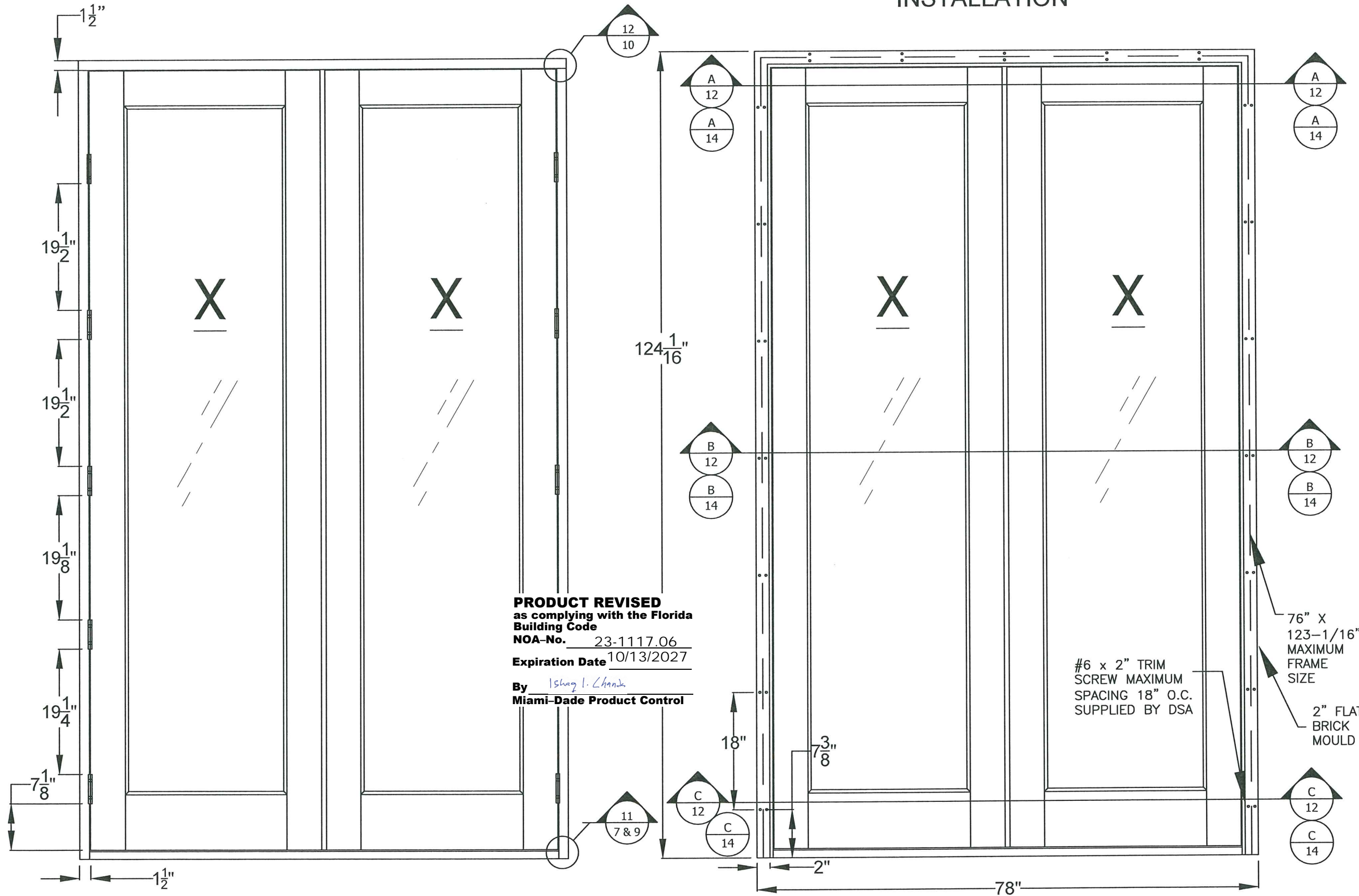




ELEVATION  
XX HINGE LOCATION

RECTANGULAR  
FRAME

ELEVATION  
XX BRICK MOULD  
INSTALLATION

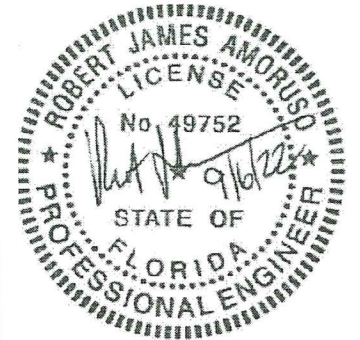


**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1117.06  
Expiration Date 10/13/2027  
By Ishag I. Chande  
Miami-Dade Product Control

PROJECT #420-0601		REVISED FOR MD COMMENTS		9/2/2022	RJA	DATE	BY
		A		REV	DESCRIPTION		
The Door Store of America, Inc. 10681 World Trade Blvd Raleigh, NC 27617		DATE: 8/3/2022		DRAWING NO: DSA0009		SHEET: 5 OF 19	
TITLE: Complete Collection, Single and Double Doors, Outswing, Glazed ELEVATIONS - HINGES & BRICK MOULD		DRAWN BY: RJA		SCALE: N.T.S.		REV: A	
PREPARED BY: <b>PTC</b>		PTC PRODUCT DESIGN GROUP, LLC		PO BOX 520775		LONGWOOD, FLORIDA 32752	
		Phone: 321.690.1788		Fax: 321.690.1789		Email: info@ptc-corp.com	
		FBPE C.A. NO. 20535					

Approved as complying with the  
Florida Building Code  
Date 10/13/2022  
NOA# 20-1130.01  
Miami Dade Product Control  
By Ishag I. Chande

Robert J. Amoruso, P.E.  
Florida P.E. No. 49752

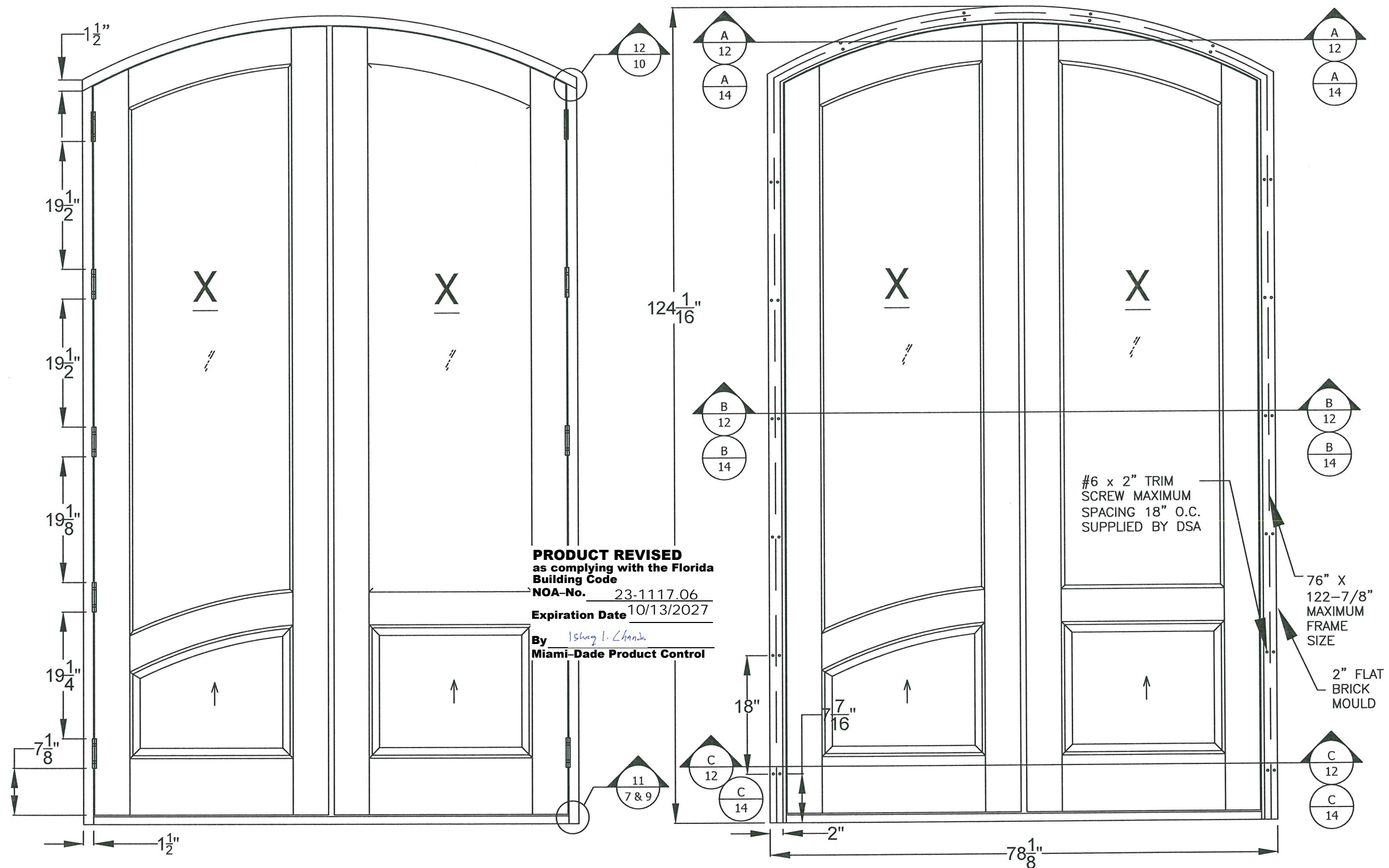




ELEVATION  
XX HINGE LOCATION

ARCH TOP  
FRAME

ELEVATION  
XX BRICK MOULD  
INSTALLATION



**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1117.06  
Expiration Date 10/13/2027  
By Ishag I. Chanda  
Miami-Dade Product Control

#6 x 2" TRIM  
SCREW MAXIMUM  
SPACING 18" O.C.  
SUPPLIED BY DSA

76" X  
122-7/8"  
MAXIMUM  
FRAME  
SIZE

2" FLAT  
BRICK  
MOULD

The Door Store of America, Inc.  
10681 World Trade Blvd  
Raleigh, NC 27617

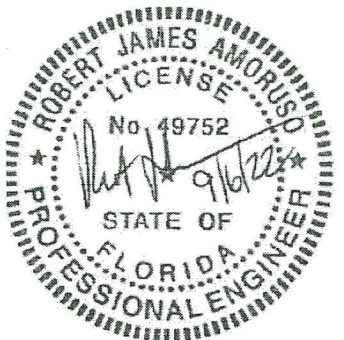
TITLE: Complete Collection, Single and Double Doors, Outswing, Glazed  
ELEVATIONS - HINGES & BRICK MOULD

PREPARED BY:	DRAWN BY:	DATE:
	RJA	8/3/2022
	SCALE:	DRAWING NO:
	N.T.S.	DSA0009
	REV:	SHEET:
	A	5A OF 19

PTC PRODUCT DESIGN GROUP, LLC  
PO BOX 520715  
LONGWOOD, FLORIDA 32752  
Phone: 321.690.1788  
Fax: 321.690.1789  
Email: info@ptc-corp.com  
FBPE C.A. NO. 235935

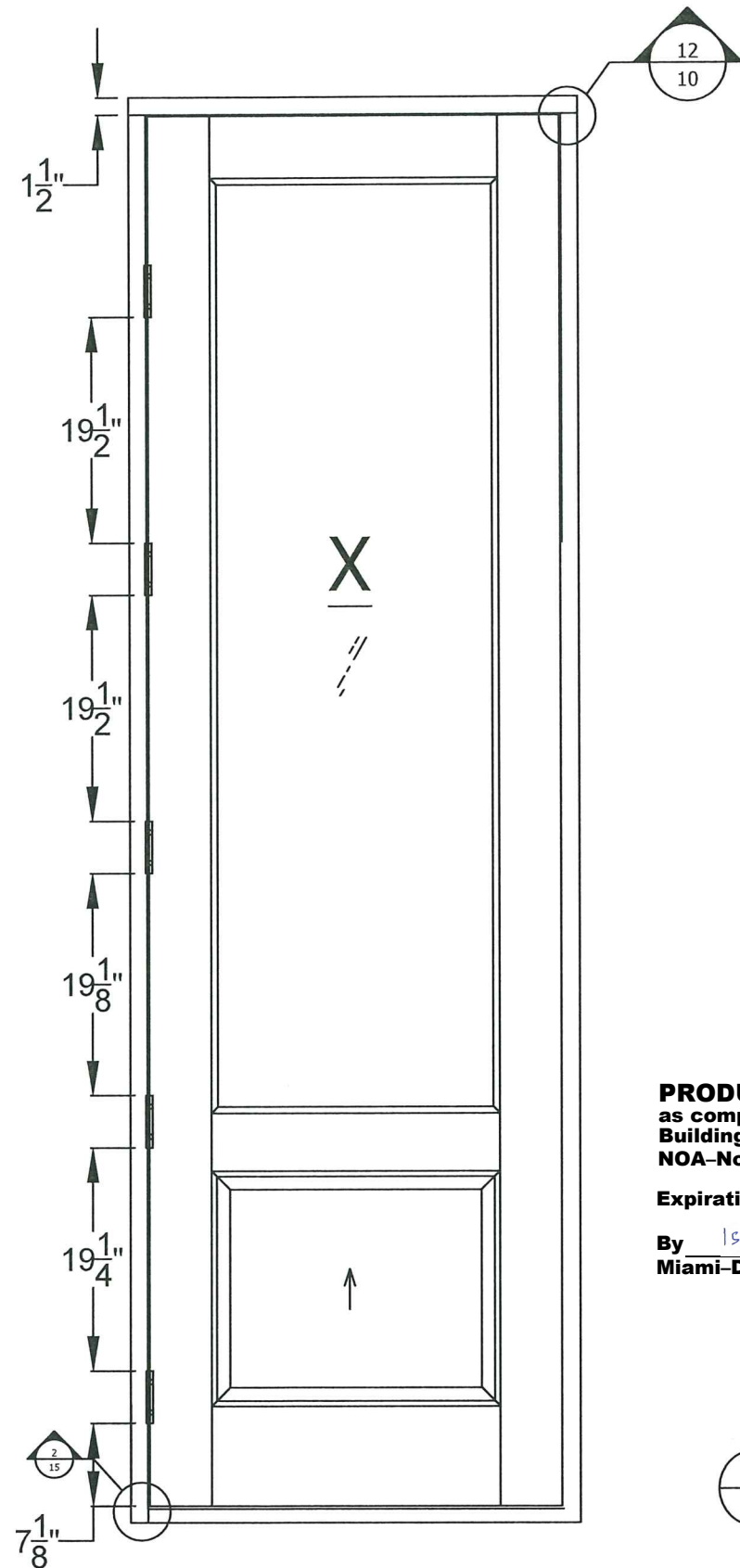
Approved as complying with the  
Florida Building Code  
Date 10/13/2022  
NOA# 20-1130-01  
Miami Dade Product Control  
By Ishag I. Chanda

Robert J. Amoruso, P.E.  
Florida P.E. No. 49752



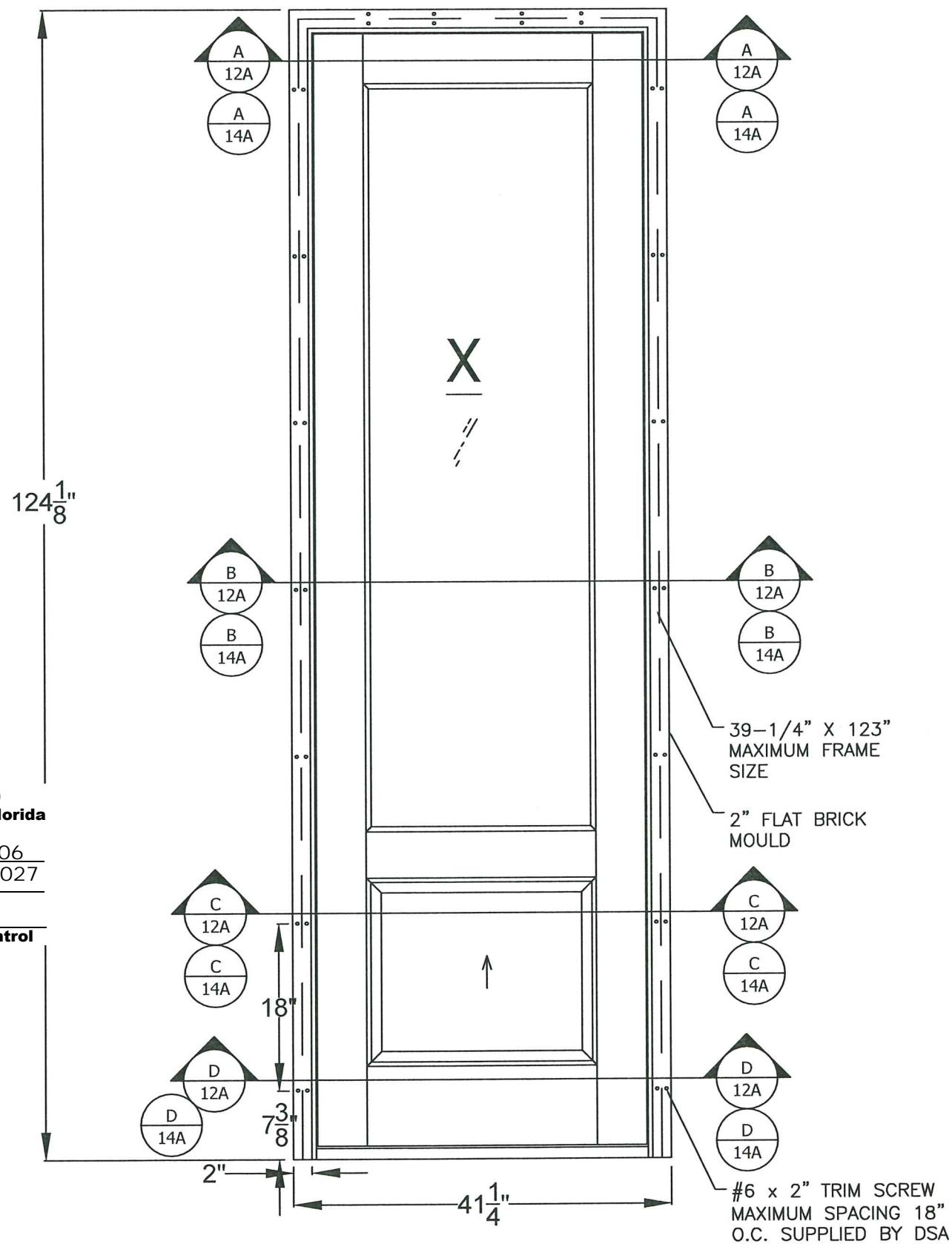


# ELEVATION X HINGE LOCATION



# RECTANGULAR FRAME

# ELEVATION X BRICK MOULD INSTALLATION



**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1117.06  
Expiration Date 10/13/2027  
By Ishag I. Chanda  
Miami-Dade Product Control

PROJECT #420-0601

The Door Store of America, Inc.  
10681 World Trade Blvd  
Raleigh, NC 27617

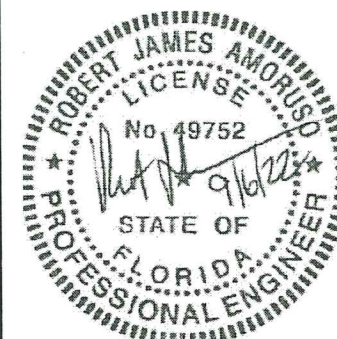
TITLE: Complete Collection, Single and Double Doors, Outswing, Glazed  
ELEVATIONS - HINGES & BRICK MOULD

PREPARED BY: RJA DATE: 8/3/2022  
SCALE: N.T.S. DRAWING NO: DSA0009  
REV: A SHEET: 5B OF 19

PTC PRODUCT DESIGN GROUP, LLC Phone: 321.690.1788  
PO BOX 520775 Fax: 321.690.1789  
LONGWOOD, FLORIDA 32752 Email: info@ptc-corp.com  
FBPE C.A. NO. 23955

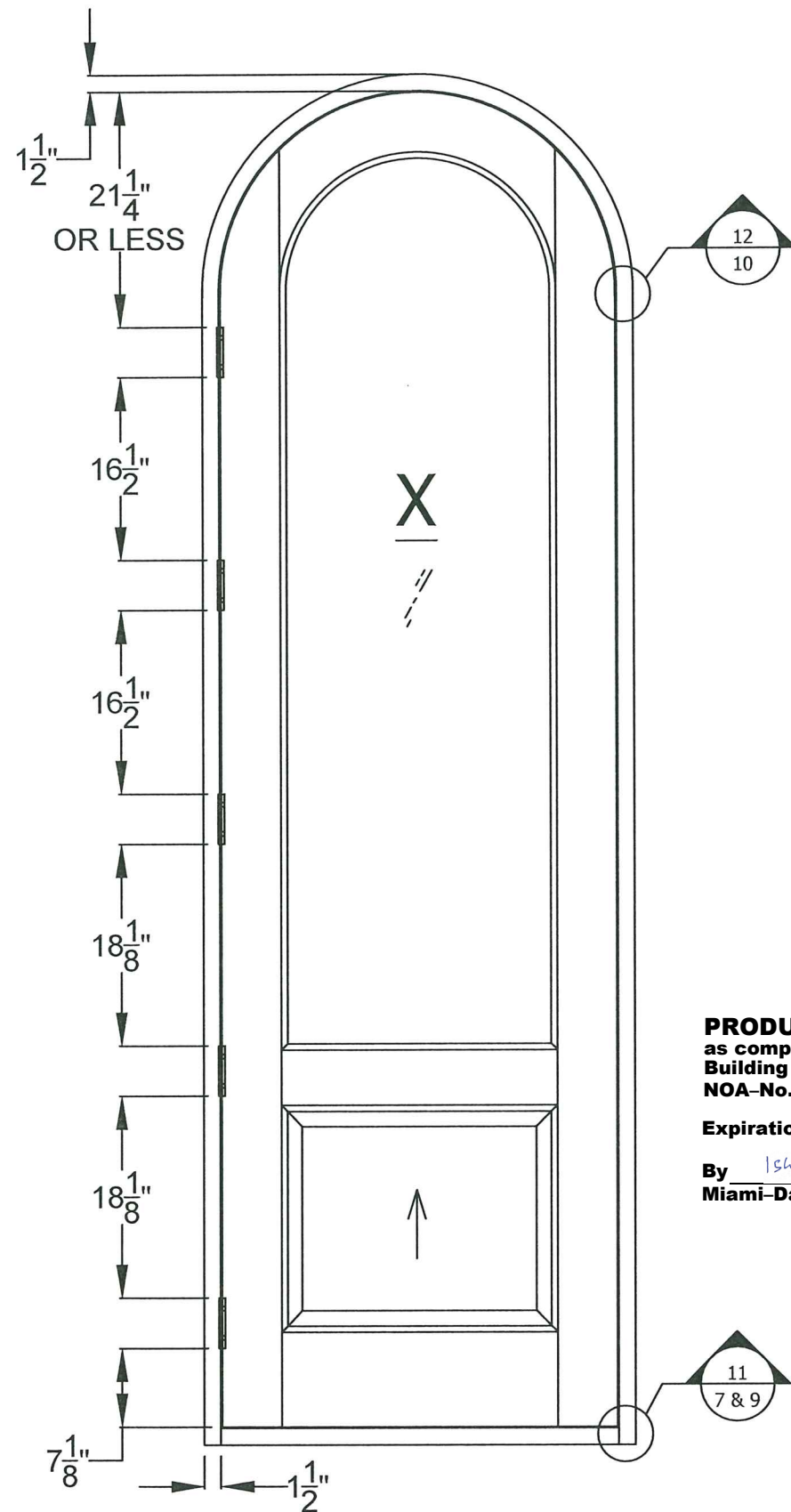
Approved as complying with the  
Florida Building Code  
Date 10/13/2027  
NOA# 20-1130-01  
Miami Dade Product Control  
By Ishag I. Chanda

Robert J. Amoruso, P.E.  
Florida P.E. No. 49752



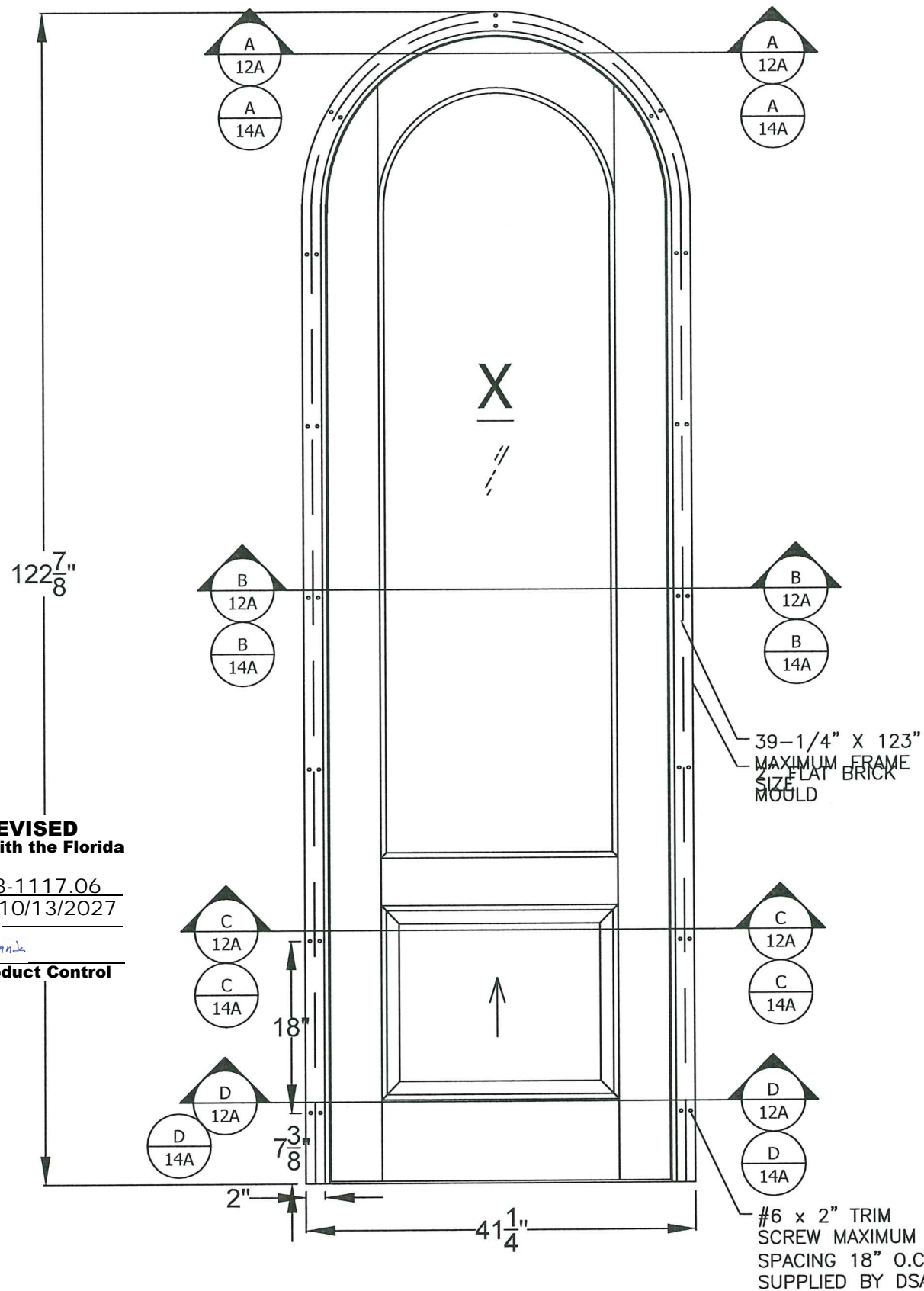


**ELEVATION**  
X HINGE LOCATION



**RECTANGULAR**  
**FRAME**

**ELEVATION**  
X BRICK MOULD  
INSTALLATION



**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1117.06  
Expiration Date 10/13/2027  
By Ismael I. Chanda  
Miami-Dade Product Control

PROJECT #420-0601

The Door Store of America, Inc.  
10681 World Trade Blvd  
Raleigh, NC 27617

TITLE: Complete Collection, Single and Double Doors, Outswing, Glazed  
ELEVATIONS - HINGES & BRICK MOULD

PREPARED BY: **PTC**  
DRAWN BY: RJA  
SCALE: N.T.S.  
DATE: 8/3/2022  
DRAWING NO: DSA0009  
SHEET: 5 OF 19

PTC PRODUCT DESIGN GROUP, LLC  
PO BOX 520715  
LONGWOOD, FLORIDA 32752  
Phone: 321.690.1788  
Fax: 321.690.1789  
Email: info@ptc-corp.com

Approved as complying with the  
Florida Building Code  
Date 10/13/2027  
NOA# 20-1130-01  
Miami Dade Product Control  
By Ismael I. Chanda

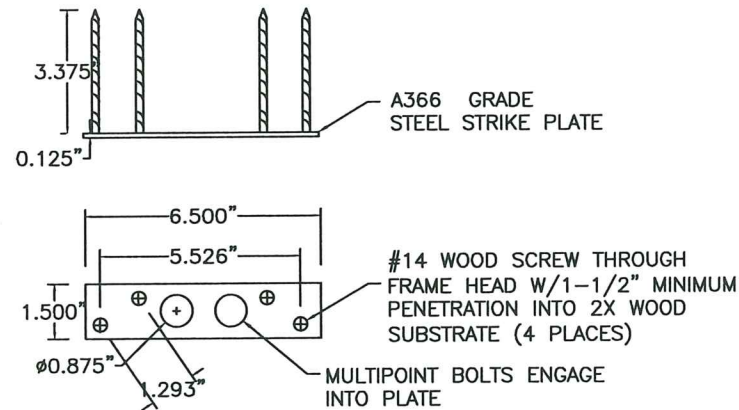
Robert J. Amoruso, P.E.  
Florida P.E. No. 49752



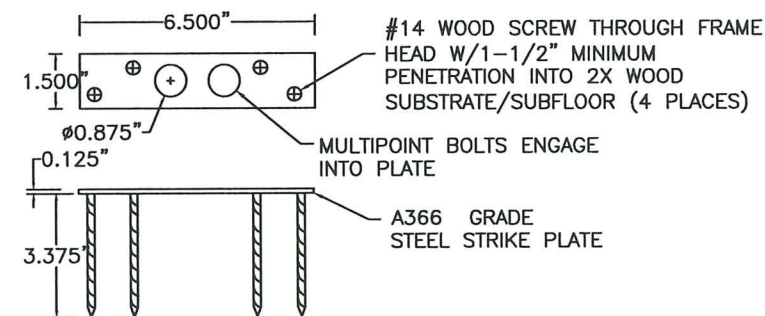


# DETAILS

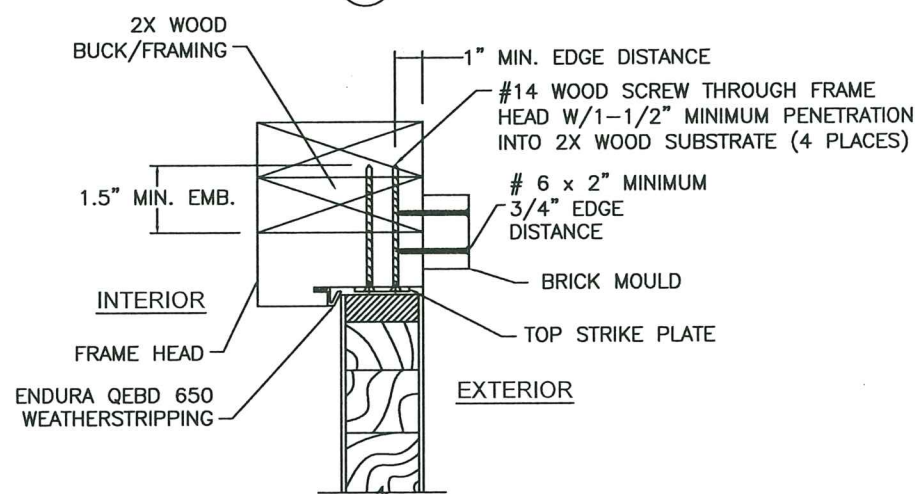
## 2X WOOD BUCK/FRAMING INSTALLATION



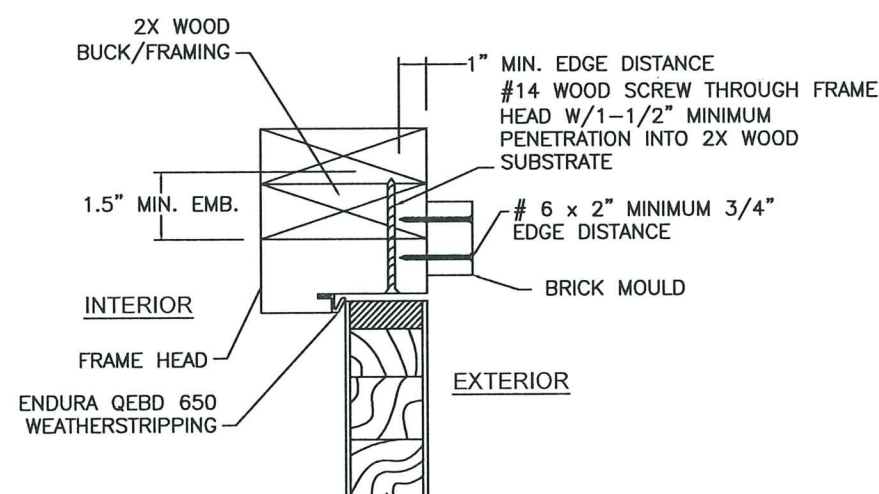
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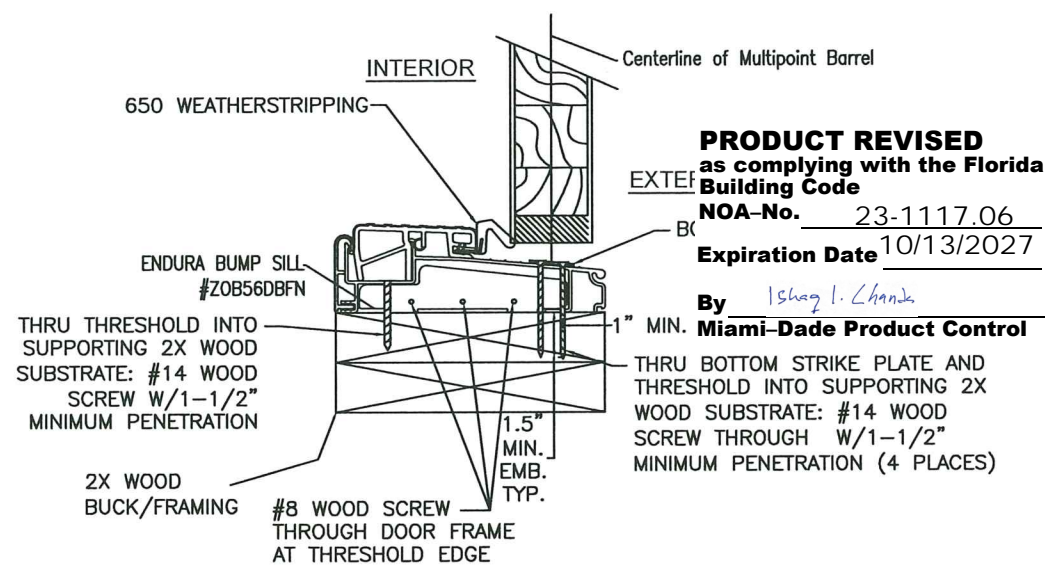
2 BOTTOM STRIKE PLATE



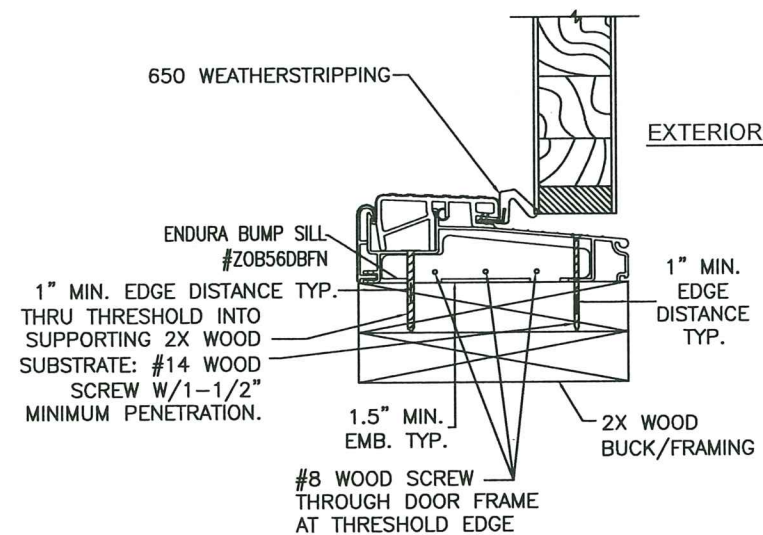
3 HEAD ANCHORAGE AT STRIKE PLATE



5 HEAD ANCHORAGE AT FRAME HEAD



4 THRESHOLD SECTION AT STRIKE PLATE



6 THRESHOLD SECTION AT SILL

PROJECT #420-0601

The Door Store of America, Inc.  
10681 World Trade Blvd  
Raleigh, NC 27617

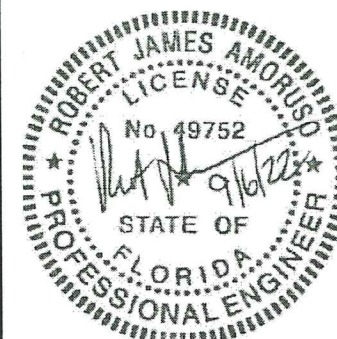
TITLE: Complete Collection, Single and Double Doors, Outswing, Glazed  
WOOD INSTALLATION - DETAILS 1 THRU 6

PREPARED BY: RJA  
DRAWN BY: RJA  
DATE: 8/3/2022  
SCALE: N.T.S.  
REV: A  
SHEET: 6 OF 19  
DRAWING NO: DSA0009

PTC PRODUCT DESIGN GROUP, LLC  
PO BOX 520775  
LONGWOOD, FLORIDA 32752  
PHONE: 321.690.1788  
FAX: 321.690.1789  
EMAIL: info@ptc-corp.com

Approved as complying with the  
Florida Building Code  
Date: 10/13/2022  
NOA# 20-1130.01  
Miami Dade Product Control  
By: Ishag I. Chandra

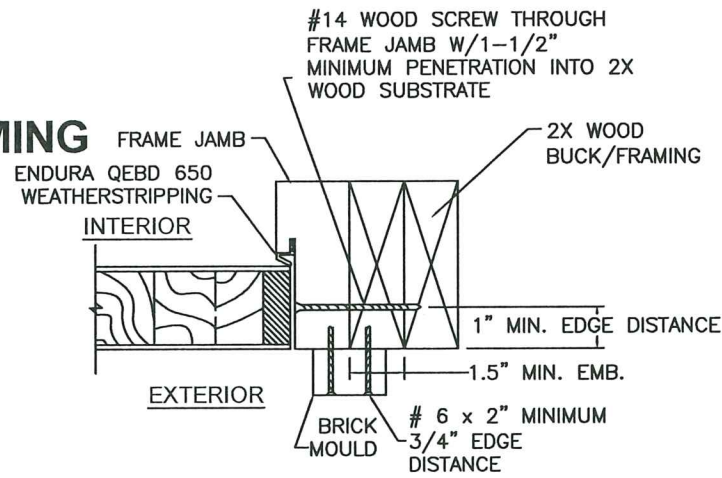
Robert J. Amoroso, P.E.  
Florida P.E. No. 49752



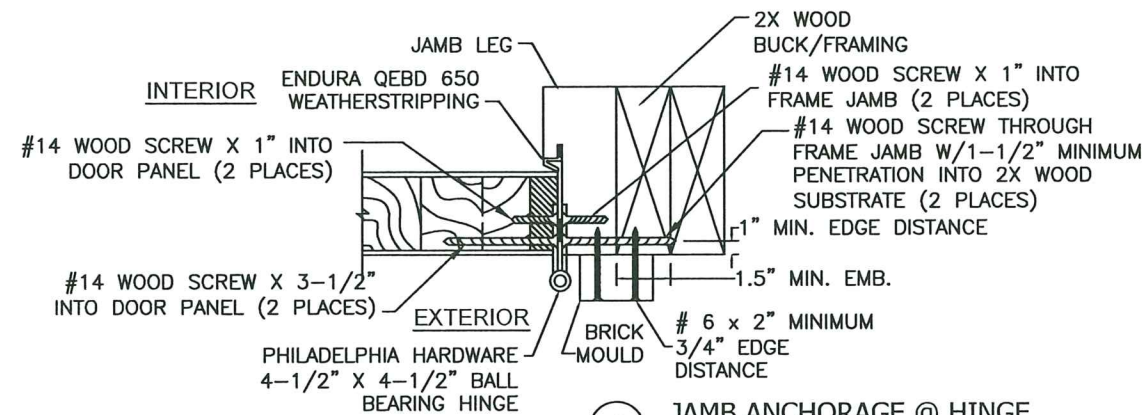


# DETAILS

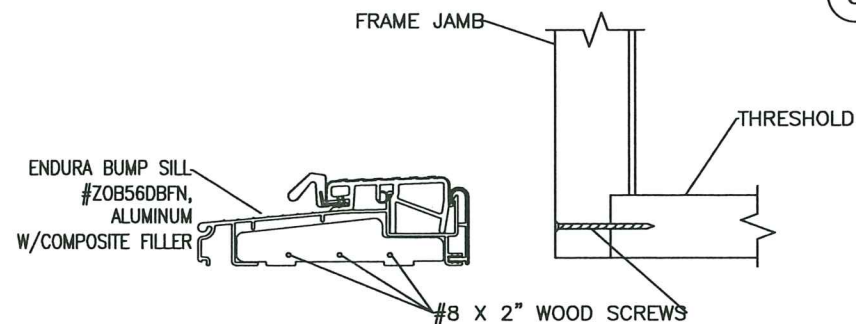
## 2X WOOD BUCK/FRAMING INSTALLATION



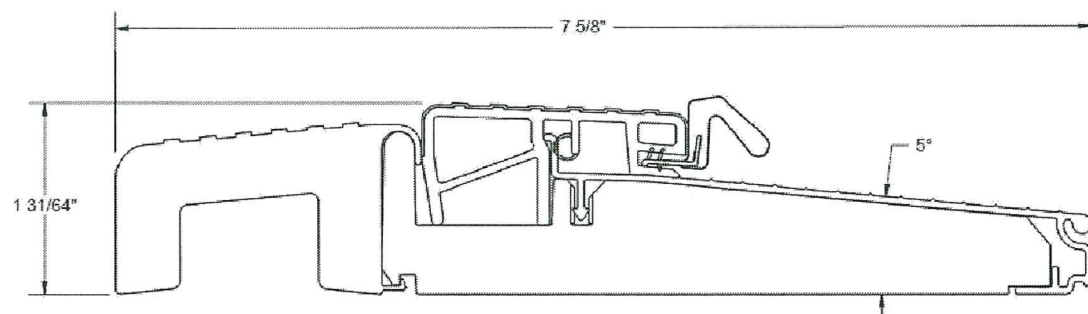
7 JAMB ANCHORAGE



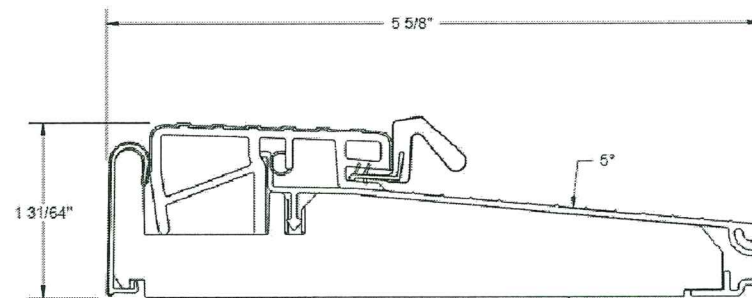
8 JAMB ANCHORAGE @ HINGE



11 THRESHOLD TO FRAME DETAIL  
ZOB56DBFN (BRONZE 5-5/8" BUMPER  
OUTSWING SILL) OR ZOB76DBFN  
(BRONZE 7-5/8" BUMPER OUTSWING  
SILL) USED

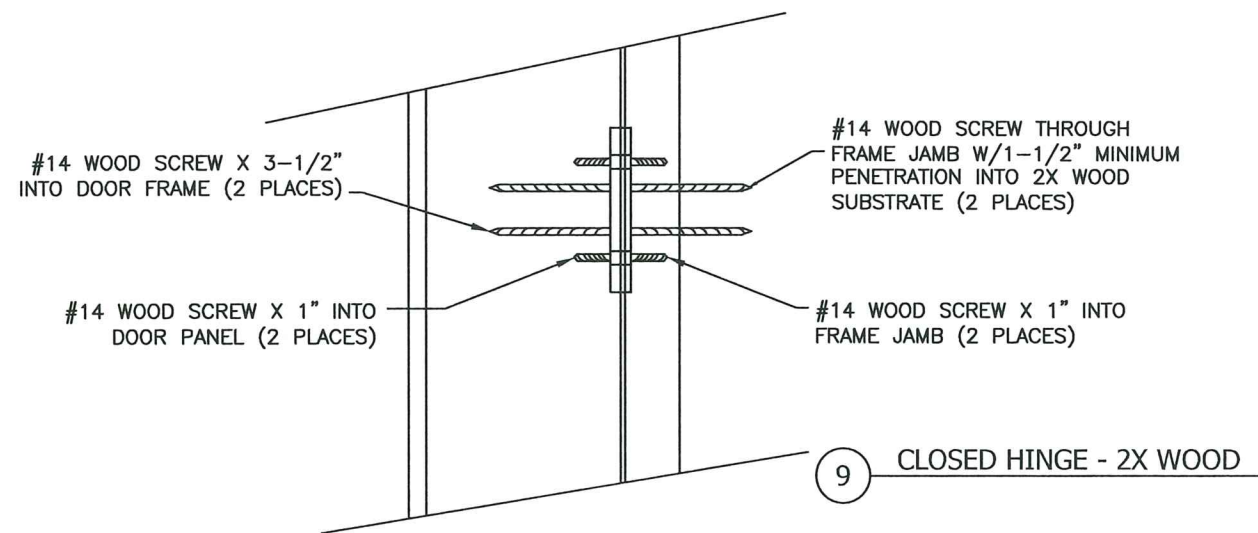


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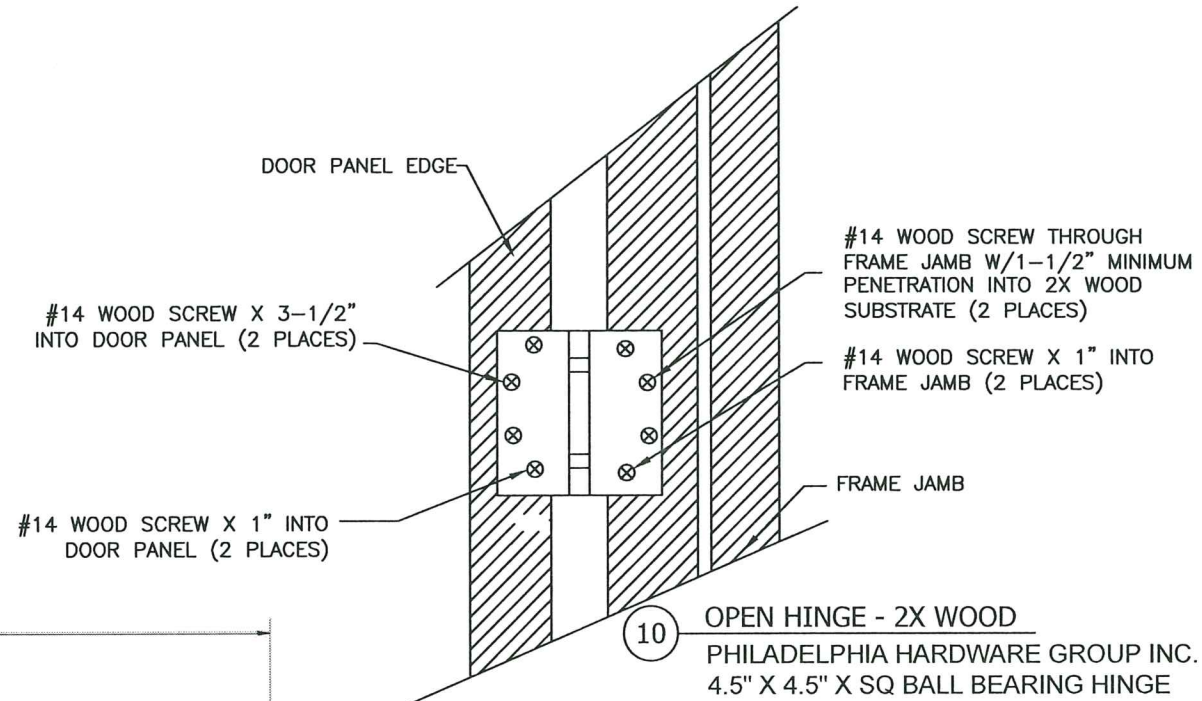


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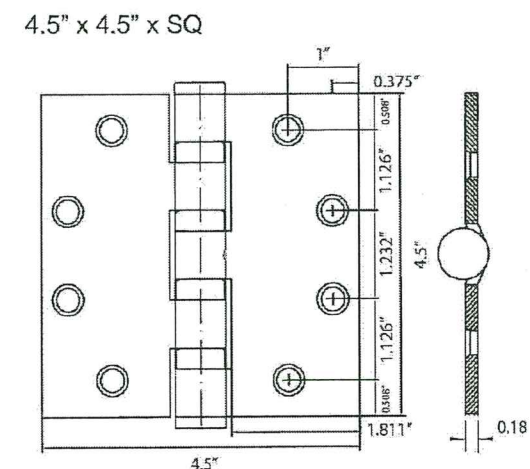
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1117.06  
Expiration Date 10/13/2027  
By Ishag I. Chank  
Miami-Dade Product Control



9 CLOSED HINGE - 2X WOOD



10 OPEN HINGE - 2X WOOD  
PHILADELPHIA HARDWARE GROUP INC.  
4.5" X 4.5" X SQ BALL BEARING HINGE



PROJECT #420-0601

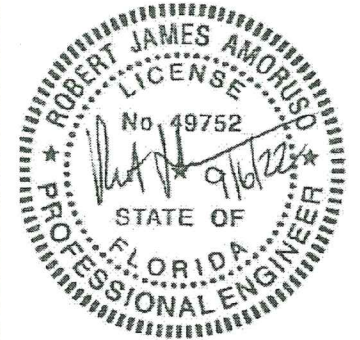
The Door Store of America, Inc.  
10681 World Trade Blvd  
Raleigh, NC 27617

TITLE: Complete Collection, Single and Double Doors, Outswing, Glazed  
WOOD INSTALLATION - DETAILS 7 THRU 11

PREPARED BY: RJA  
DATE: 8/3/2022  
DRAWING NO: DSA0009  
SCALE: N.T.S.  
REV: A  
SHEET: 7 OF 19

Approved as complying with the  
Florida Building Code  
Date 10/13/2022  
NOA# 20-1130-01  
Miami Dade Product Control  
By Ishag I. Chank

Robert J. Amoroso, P.E.  
Florida P.E. No. 49752





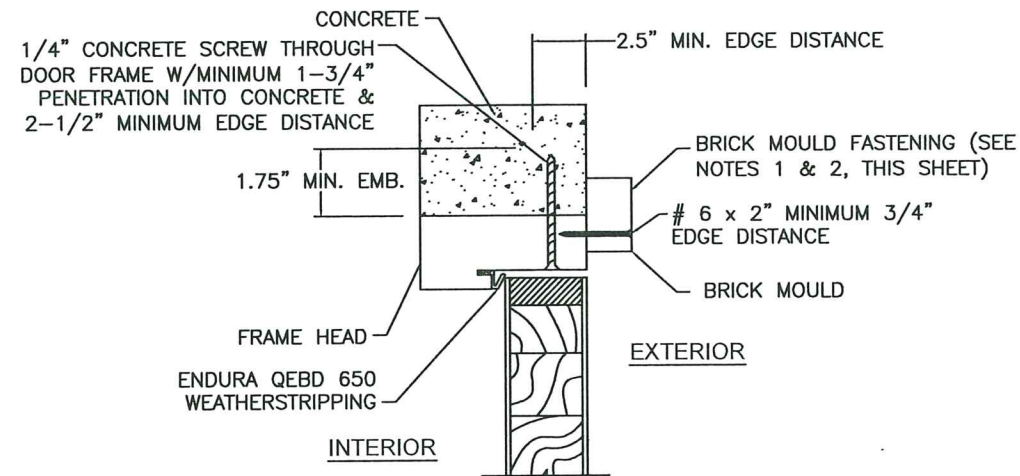
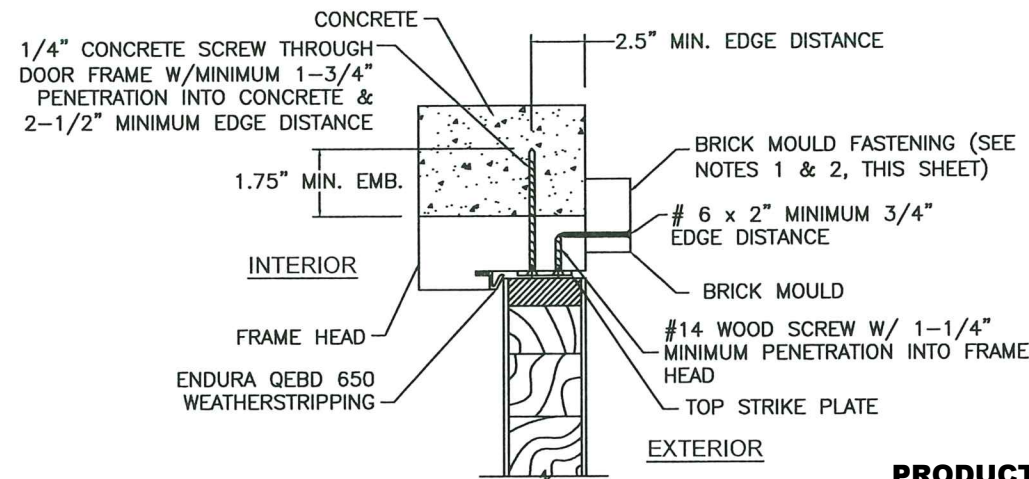
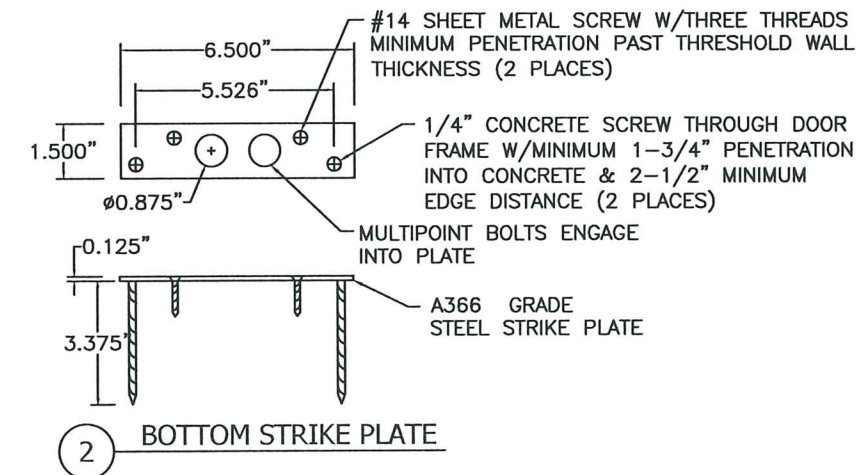
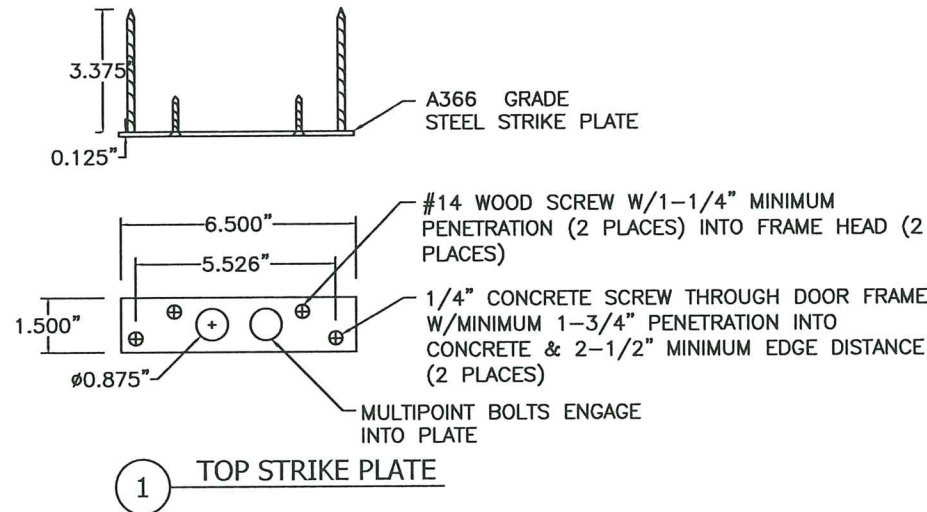
# DETAILS

## CONCRETE

## INSTALLATION

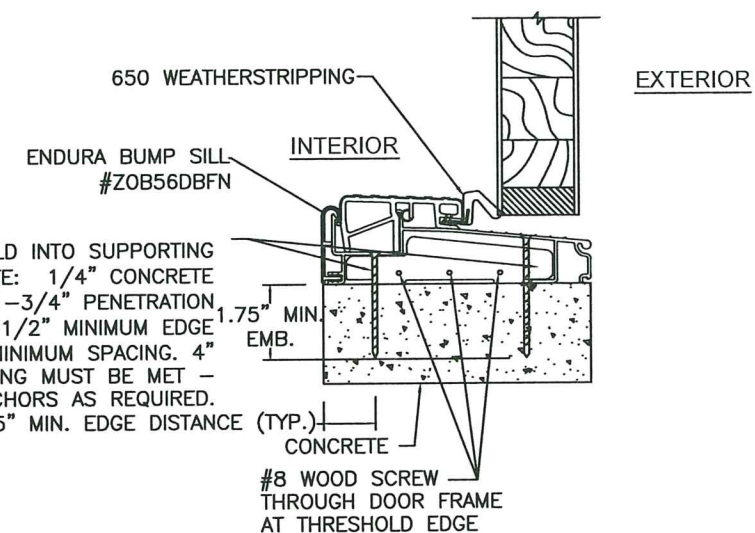
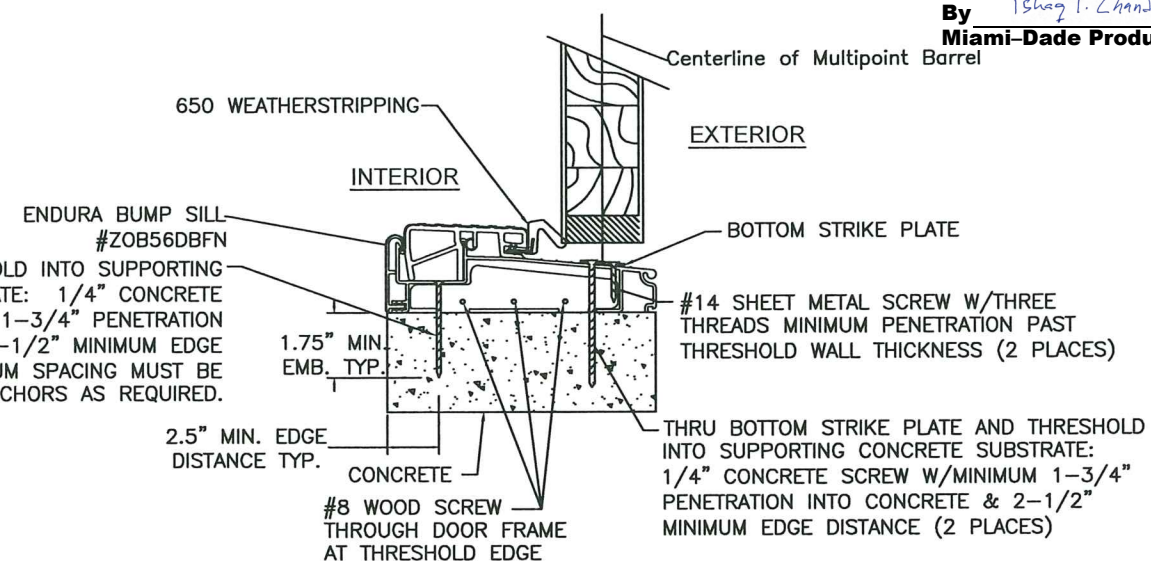
### NOTES:

- BRICK Mould INSTALLATION SHALL USE NO. 6 WOOD SCREW X 2" MINIMUM LENGTH FOR BRICK Mould-TO-DOOR FRAME INSTALLATION
- ALL ADDITIONAL FASTENING INCLUDING THE USE OF SEALANTS SHALL BE AT THE DISCRETION OF THE INSTALLER OR AS RECOMMENDED BY THE DOOR MANUFACTURER.



**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1117.06  
Expiration Date 10/13/2027

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



PROJECT #420-0601

The Door Store of America, Inc.  
10681 World Trade Blvd  
Raleigh, NC 27617

TITLE: Complete Collection, Single and Double Doors, Outswing, Glazed  
CONCRETE INSTALLATION - DETAILS 1 THRU 6

PREPARED BY: **PTC**  
DRAWN BY: RJA  
SCALE: N.T.S.  
DATE: 8/3/2022  
DRAWING NO: DSA0009  
SHEET: 8 OF 19

Approved as complying with the  
Florida Building Code  
Date 10/13/2022  
NOA# 20-1130-01  
Miami Dade Product Control  
By Ishag I. Chank

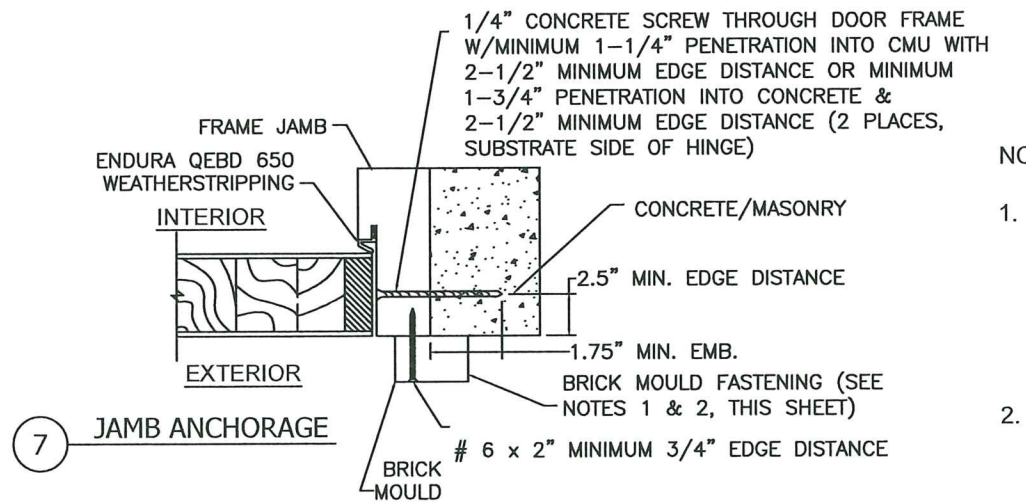
Robert J. Amoroso, P.E.  
Florida P.E. No. 49752





# DETAILS

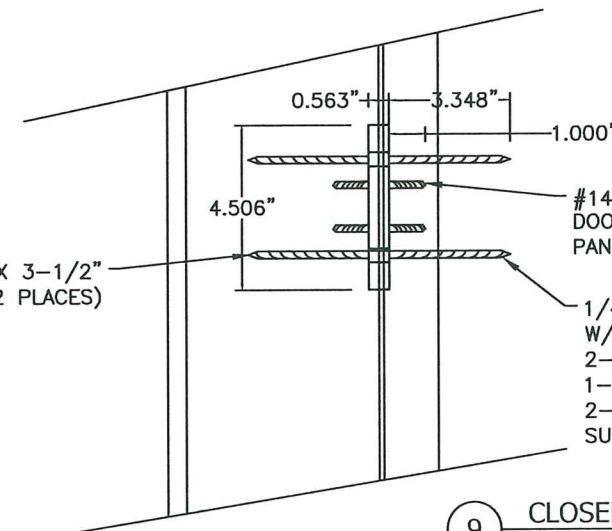
## CONCRETE/MASONRY INSTALLATION



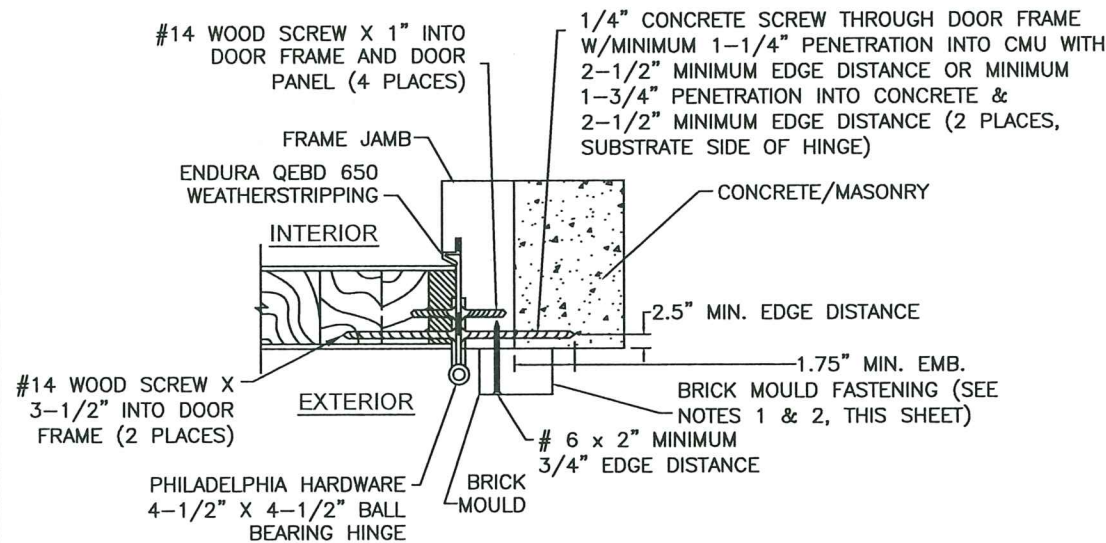
### NOTES:

1. BRICK MOULD INSTALLATION SHALL USE NO. 6 WOOD SCREW X 2" MINIMUM LENGTH FOR BRICK MOULD-TO-DOOR FRAME INSTALLATION
2. ALL ADDITIONAL FASTENING INCLUDING THE USE OF SEALANTS SHALL BE AT THE DISCRETION OF THE INSTALLER OR AS RECOMMENDED BY THE DOOR MANUFACTURER.

#14 WOOD SCREW X 3-1/2" INTO DOOR FRAME (2 PLACES)



9 CLOSED HINGE - CONCRETE/MASONRY



8 JAMB ANCHORAGE @ HINGE

#14 WOOD SCREW X 3-1/2" INTO DOOR FRAME (2 PLACES)  
#14 WOOD SCREW X 1" INTO DOOR PANEL (2 PLACES)

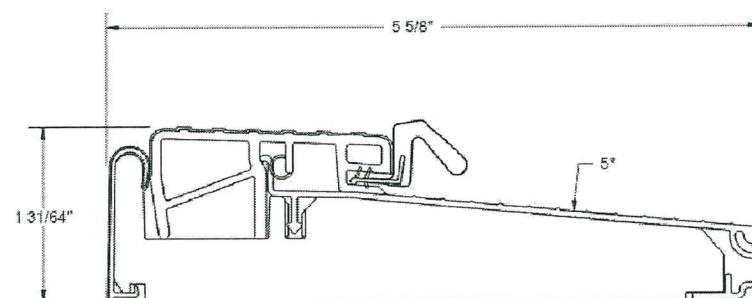
DOOR PANEL EDGE

1/4" CONCRETE SCREW THROUGH DOOR FRAME W/MINIMUM 1-1/4" PENETRATION INTO CMU WITH 2-1/2" MINIMUM EDGE DISTANCE OR MINIMUM 1-3/4" PENETRATION INTO CONCRETE & 2-1/2" MINIMUM EDGE DISTANCE (2 PLACES, SUBSTRATE SIDE OF HINGE)

#14 WOOD SCREW X 1" INTO FRAME JAMB (2 PLACES)

FRAME JAMB

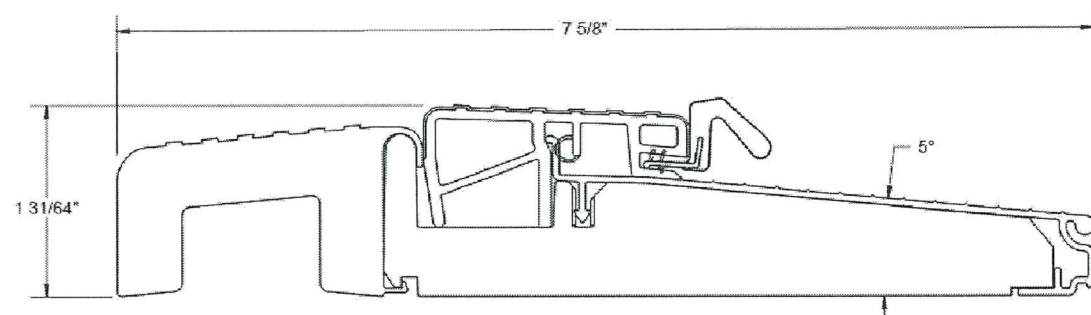
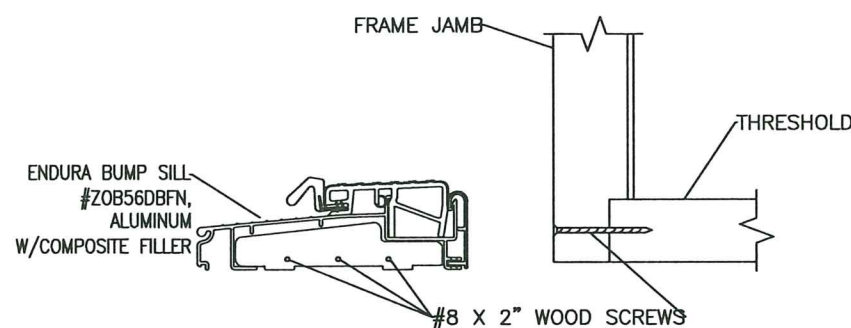
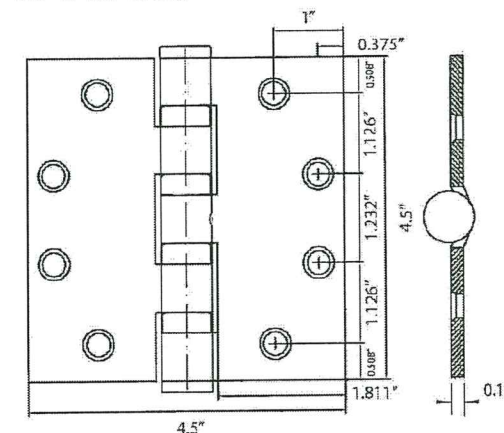
10 OPEN HINGE - 2X WOOD  
PHILADELPHIA HARDWARE GROUP INC.  
4.5" X 4.5" X SQ BALL BEARING HINGE



ZOB5625FN

11 THRESHOLD TO FRAME DETAIL  
ZOB56DBFN (BRONZE 5-5/8" BUMPER OUTSWING SILL) OR ZOB76DBFN (BRONZE 7-5/8" BUMPER OUTSWING SILL) USED

4.5" x 4.5" x SQ



ZOB7625FN

**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 23-1117.06  
Expiration Date 10/13/2027  
By Isheq I. Chande  
Miami-Dade Product Control

PROJECT #420-0601

The Door Store of America, Inc.  
10681 World Trade Blvd  
Raleigh, NC 27617

TITLE Complete Collection, Single and Double Doors, Outswing, Glazed  
CONCRETE/MASONRY INSTALLATION - DETAILS 7 THRU 11

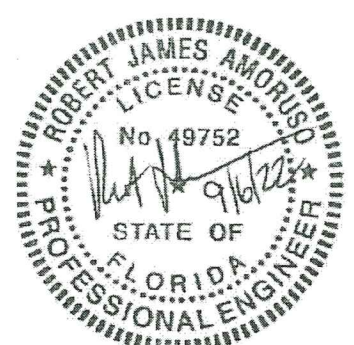
PREPARED BY: RJA DATE: 8/3/2022 DRAWING NO: DSA0009 SHEET: 9 OF 19

SCALE: N.T.S. REV: A

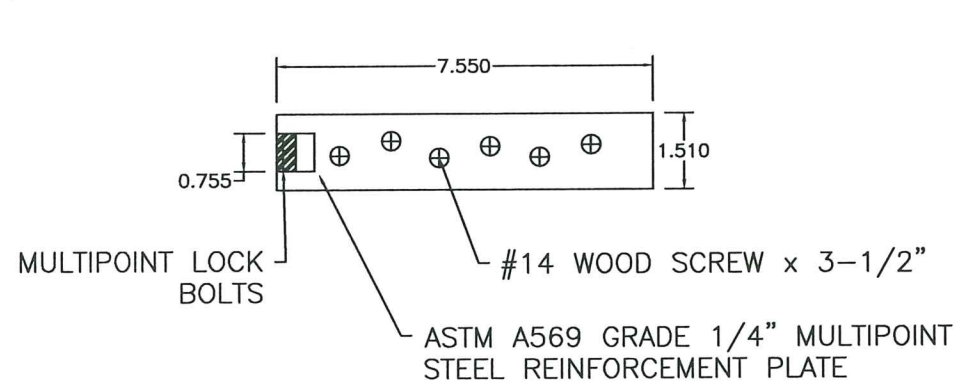
PTC PRODUCT DESIGN GROUP, LLC Phone: 321.690.1788  
PO BOX 520775 Longwood, Florida 32752 Fax: 321.690.1789  
Email: info@ptc-corp.com FBPE C.A. NO. 23935

Approved as complying with the Florida Building Code  
Date 10/13/2022  
NOA# 20-1130-01  
Miami Dade Product Control  
By Isheq I. Chande

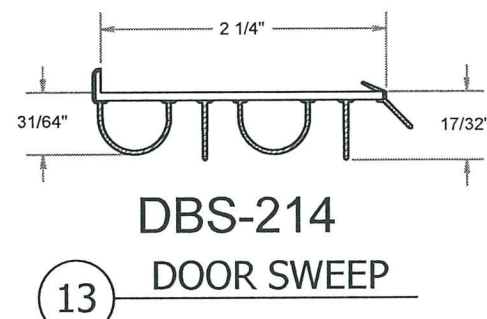
Robert J. Amoruso, P.E.  
Florida P.E. No. 49752







14 REINFORCEMENT PLATE AT MULTIPOINT LOCK



13

#12 WOOD SCREW x 3-1/2"

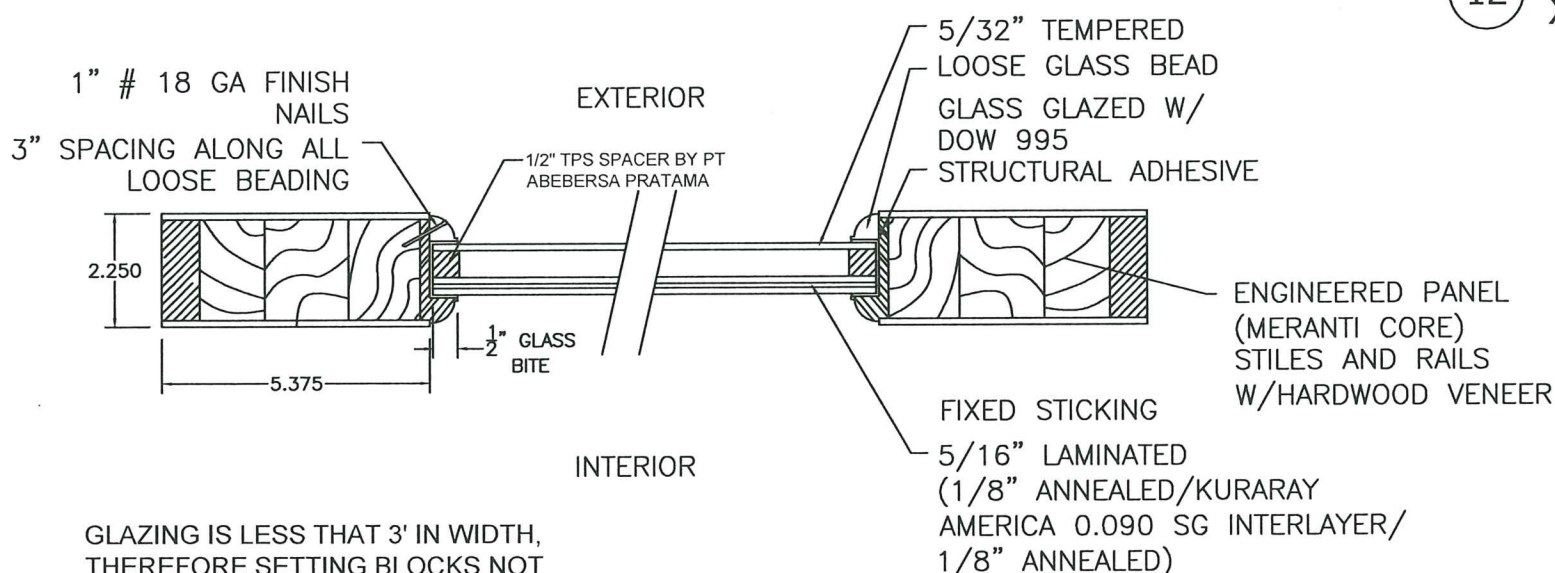
TOP VIEW OF FRAME CORNER

## DETAILS MISCELLANEOUS

#12 WOOD SCREW x 3-1/2"

FRONT VIEW OF FRAME CORNER

12 FRAME EDGE DETAIL X & XX RECTANGULAR

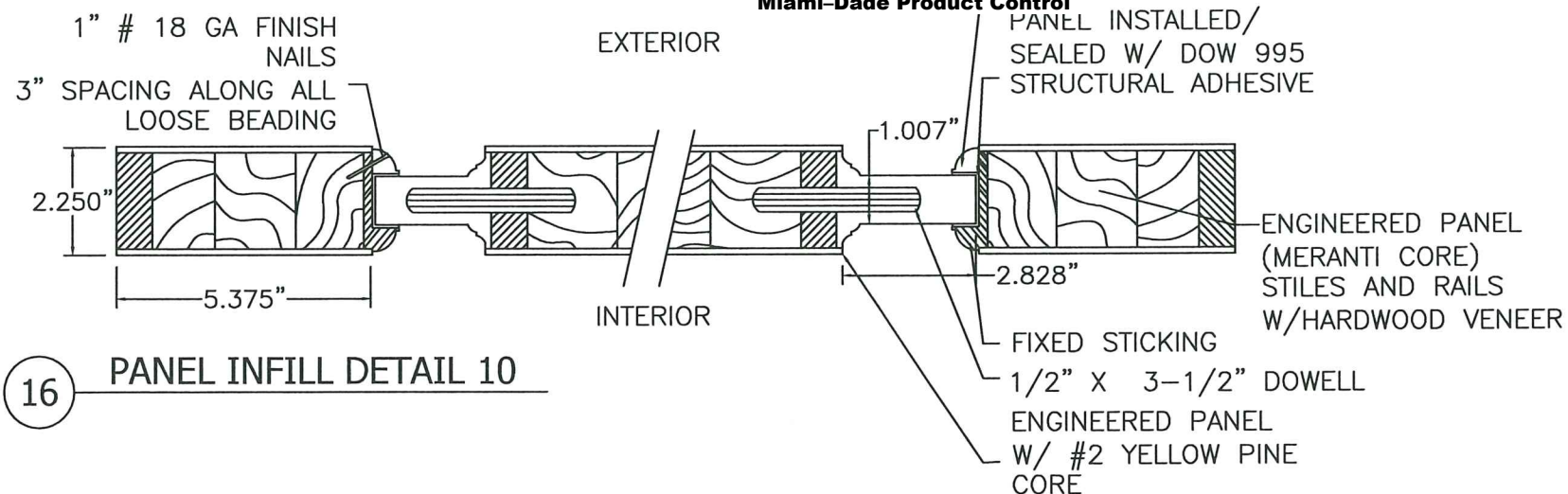


GLAZING IS LESS THAN 3' IN WIDTH, THEREFORE SETTING BLOCKS NOT REQUIRED. IF USED, SETTING BLOCKS SHALL BE NEOPRENE 70-90 SHORE A DUROMETER HARDNESS OR APPROVED EQUAL.

15 PANEL GLAZING DETAIL 9

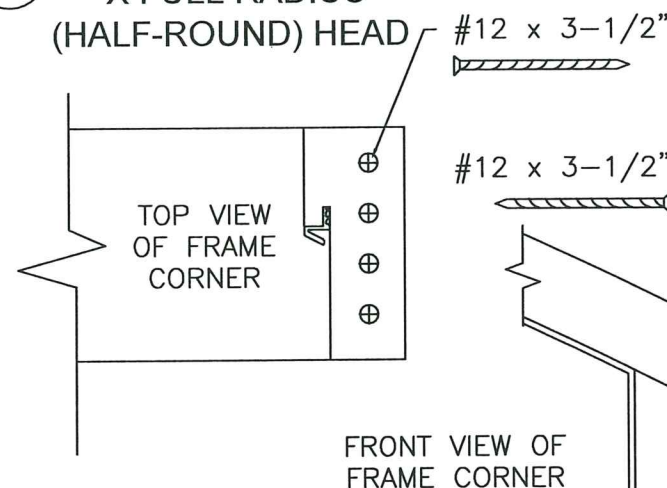
**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 23-1117.06  
Expiration Date 10/13/2027

By Ishag I. Chande  
Miami-Dade Product Control



16 PANEL INFILL DETAIL 10

12 FRAME EDGE DETAIL X FULL RADIUS (HALF-ROUND) HEAD



12 FRAME EDGE DETAIL XX ARCH TOP HEAD

PROJECT #420-0601

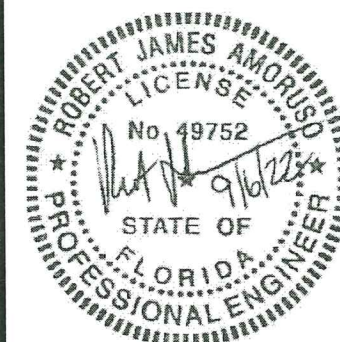
The Door Store of America, Inc.  
10681 World Trade Blvd  
Raleigh, NC 27617

Complete Collection, Single and Double Doors, Outswing, Glazed  
DETAILS - MISCELLANEOUS

DATE: 8/3/2022  
DRAWING NO: DSA0009  
SHEET: 10 OF 19  
REV: A

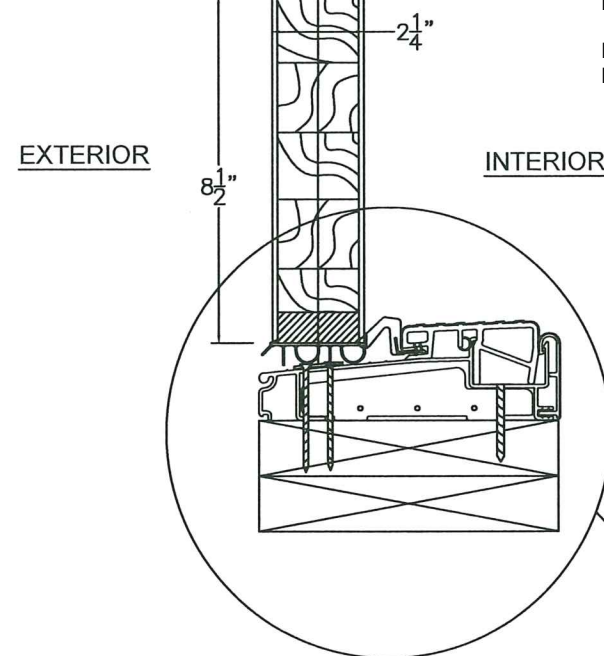
Approved as complying with the Florida Building Code  
Date 10/13/2027  
NOA# 20-1130-01  
Miami Dade Product Control  
By Ishag I. Chande

Robert J. Amoruso, P.E.  
Florida P.E. No. 49752





FRAME HEAD DETAIL



**A STILE DOOR SECTION**  
WOOD SUBSTRATE INSTALLATION

EXTERIOR

5  $\frac{3}{8}$ "

2  $\frac{1}{4}$ "

INTERIOR

1"

EXTERIOR

2  $\frac{1}{4}$ "

FULL PARTIAL OPEN

**B** GLAZED DOOR SECTION  
WOOD SUBSTRATE INSTALLATION

PROJECT #420-0601				
REV	DESCRIPTION	DATE	BY	
A	REVISED FOR MD COMMENTS	9/2/2022	RJA	

The Door Store of America, Inc.  
10681 World Trade Blvd  
Raleigh, NC 27617

TITLE: Complete Collection, Single and Double Doors, Outswing, Glazed  
SECTIONS - VERTICAL - WOOD INSTALLATION

PREPARED BY:	DATE:
8/3/2022	
DRAWN BY:	DRAWING NO:
RJA	DSA0009
SCALE:	SHEET:
N.T.S.	11 OF 19
REV:	A

Phone: 321.690.1788  
 Fax: 321.690.1789  
 Email: info@plc-corp.com

PTC PRODUCT DESIGN GROUP, LLC  
 PO BOX 920775  
 LONGWOOD, FLORIDA 32752  
 FBPE C.A. NO. 25935

Approved as complying with the  
Florida Building Code  
Date 10/13/2027  
NOA# 20-1130-01  
Miami Dade Product Control  
By [Signature]

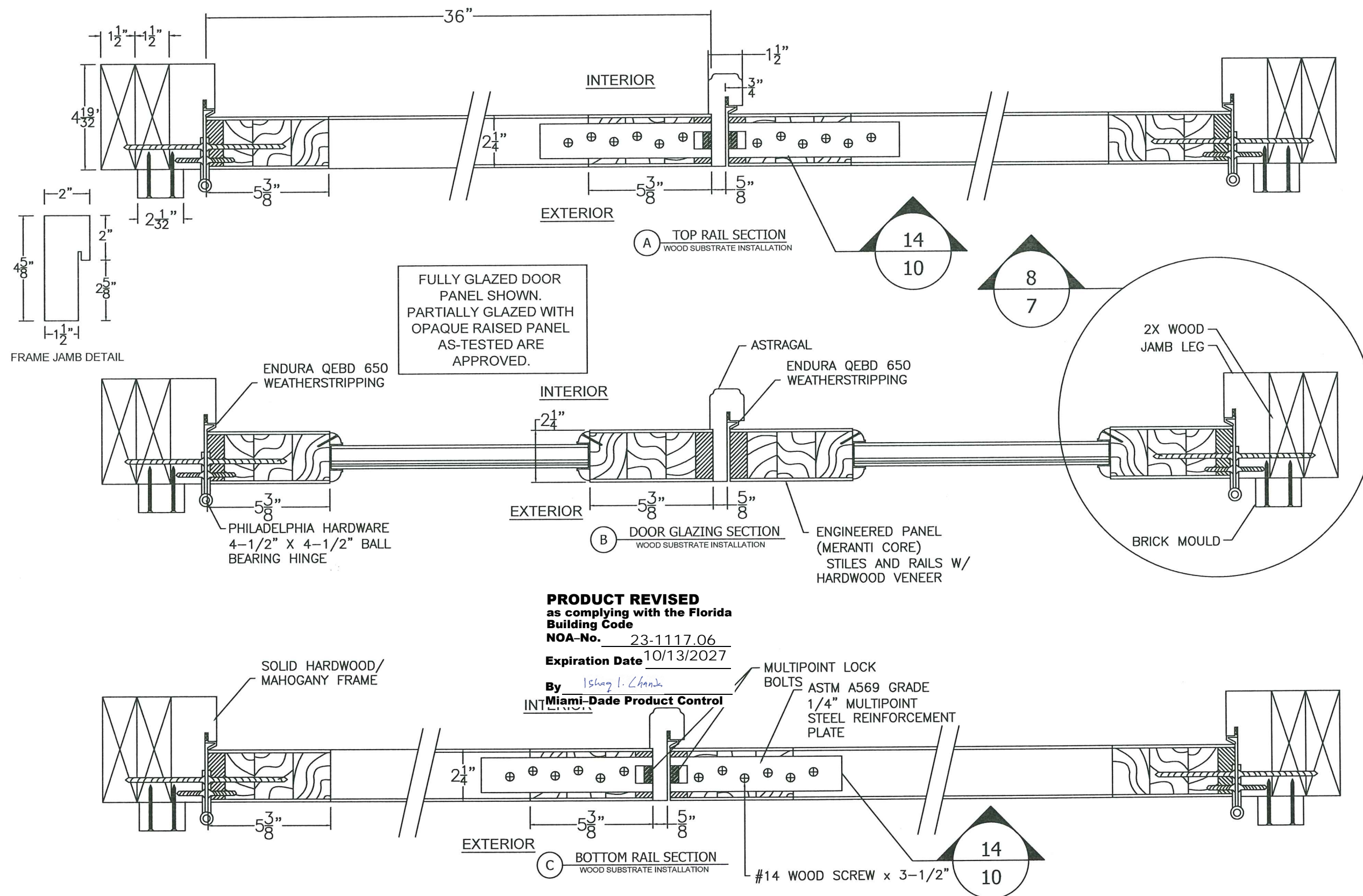
Robert J. Amoruso, P.E.  
Florida P.E. No. 49752





# SECTIONS

## XX DOOR HORIZONTAL VIEWS 2X WOOD BUCK/FRAMING INSTALLATION



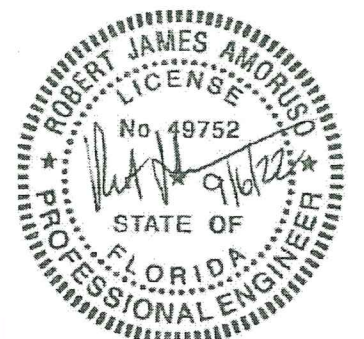
**PRODUCT REVISED**  
as complying with the Florida  
Building Code

NOA-No. 23-1117.06

Expiration Date 10/13/2027

By Isahay I. Chanda  
**Miami-Dade Product Control**

Robert J. Amoruso, P.E.  
Florida P.E. No. 49752



The Door Store of America, Inc.  
10681 World Trade Blvd  
Raleigh, NC 27617

TITLE: Complete Collection, Single and Double Doors, Outswing, Glazed  
SECTIONS - HORIZONTAL - WOOD INSTALLATION

PREPARED BY: **PTC**  
PTC PRODUCT DESIGN GROUP, LLC  
PO BOX 520715  
LONGWOOD, FLORIDA 32752  
Phone: 321.690.1788  
Fax: 321.690.1789  
Email: info@ptc-corp.com

DRAWN BY: RJA  
SCALE: N.T.S.  
REV: A  
DATE: 8/3/2022  
DRAWING NO: DSA0009  
SHEET: 12 OF 19

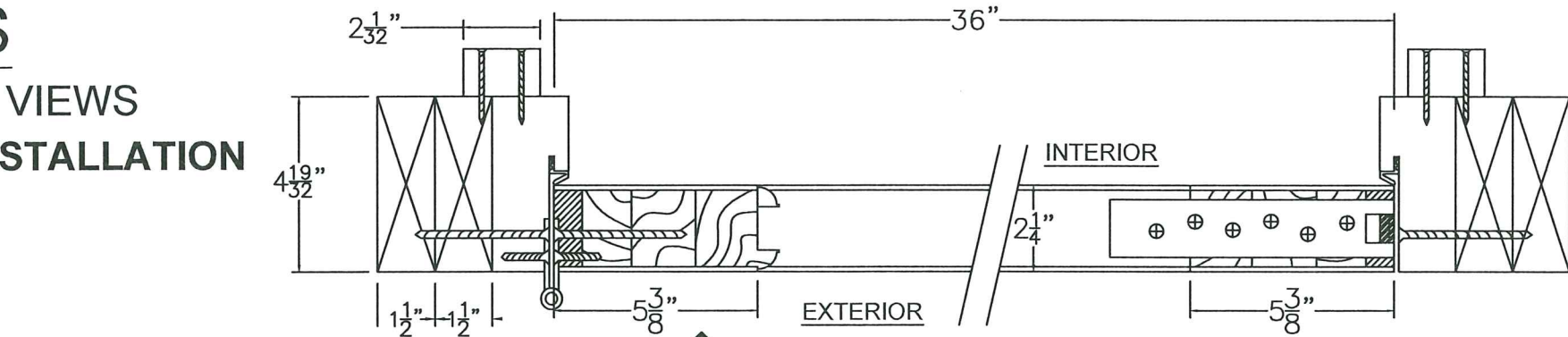
PROJECT #420-0601

REV	DESCRIPTION	DATE	BY
A	REVISED FOR MD COMMENTS	9/2/2022	RJA

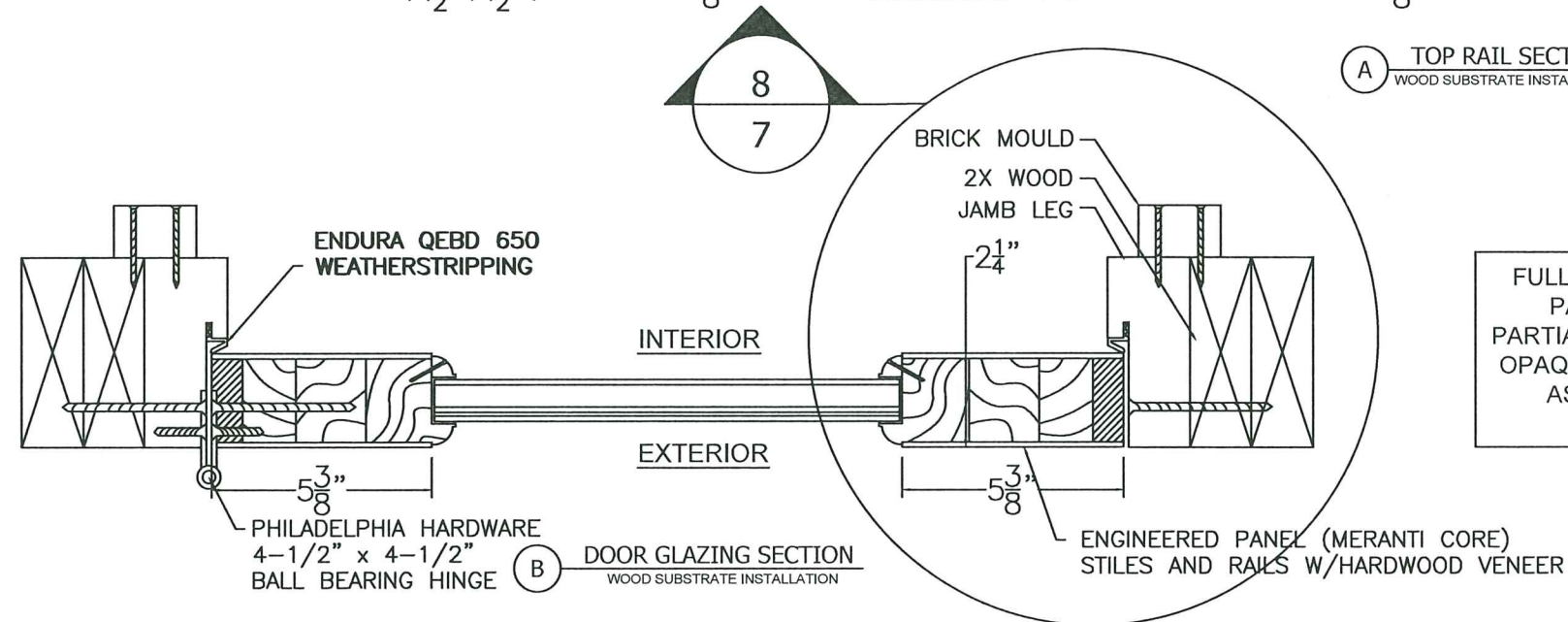


# SECTIONS

## X DOOR HORIZONTAL VIEWS 2X WOOD BUCK/FRAMING INSTALLATION

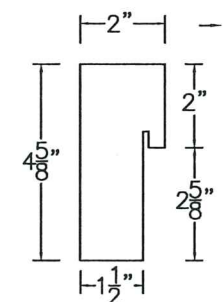


(A) TOP RAIL SECTION  
WOOD SUBSTRATE INSTALLATION

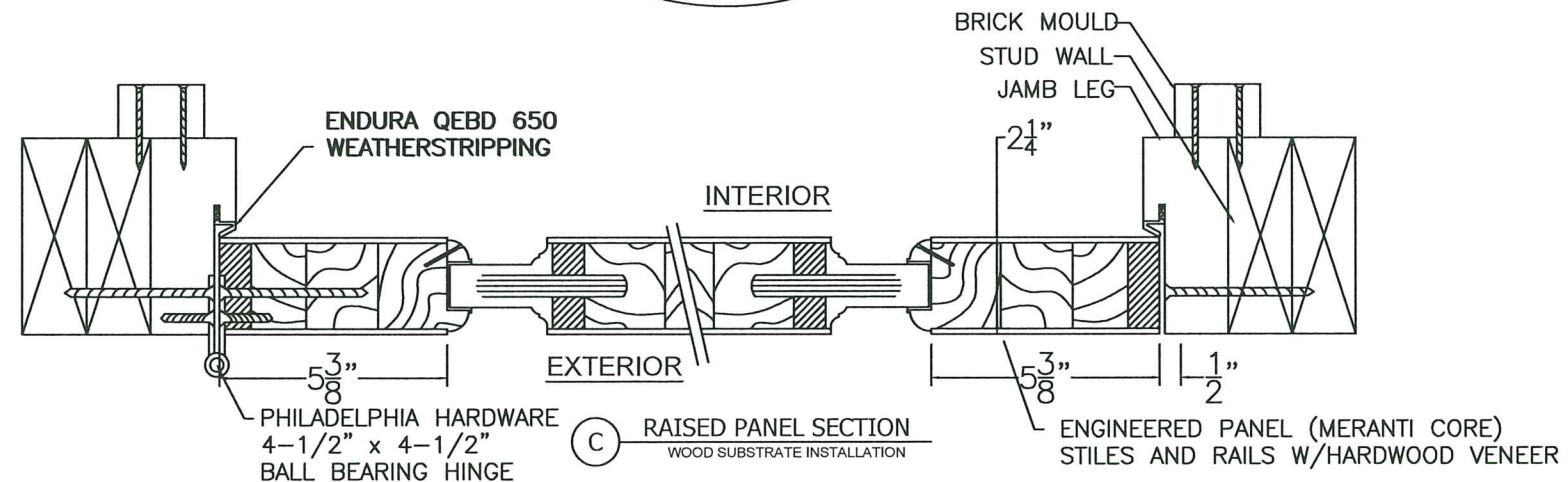


(B) DOOR GLAZING SECTION  
WOOD SUBSTRATE INSTALLATION

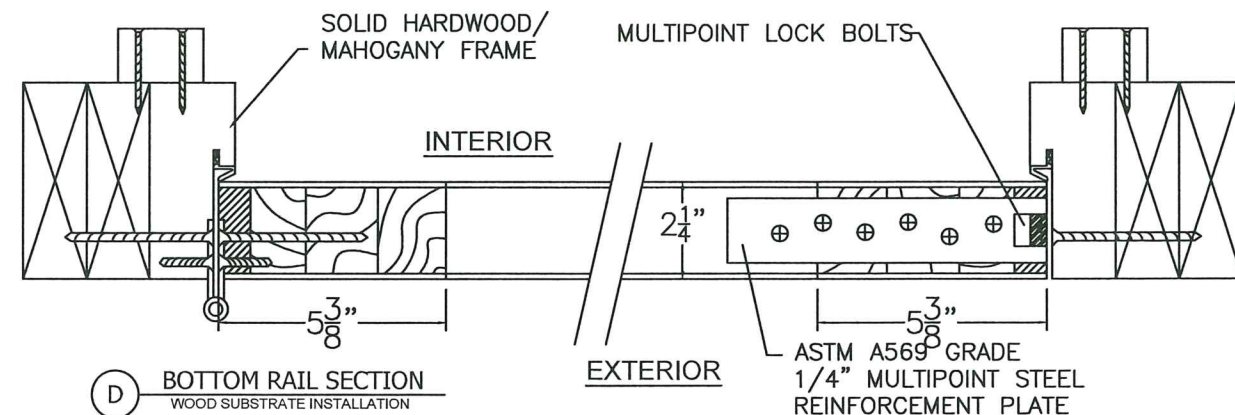
FULLY GLAZED DOOR  
PANEL SHOWN.  
PARTIALLY GLAZED WITH  
OPAQUE RAISED PANEL  
AS-TESTED ARE  
APPROVED.



FRAME JAMB DETAIL



(C) RAISED PANEL SECTION  
WOOD SUBSTRATE INSTALLATION



(D) BOTTOM RAIL SECTION  
WOOD SUBSTRATE INSTALLATION

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1117.06  
Expiration Date 10/13/2027  
By Ishay I. Chandra  
Miami-Dade Product Control

PROJECT #420-0601

The Door Store of America, Inc.  
10681 World Trade Blvd  
Raleigh, NC 27617

TITLE: Complete Collection, Single and Double Doors, Outswing, Glazed  
SECTIONS - HORIZONTAL - WOOD INSTALLATION

PREPARED BY: RJA  
DATE: 8/3/2022  
SCALE: N.T.S.  
DRAWING NO: DSA0009  
SHEET: 12A OF 19  
REV: A

PTC PRODUCT DESIGN GROUP, LLC  
PO BOX 520775  
LONGWOOD, FL 32752  
Phone: 321.690.1788  
Fax: 321.690.1789  
Email: info@ptc-corp.com

Approved as complying with the  
Florida Building Code  
Date 10/13/2022  
NOA# 23-1130-01  
Miami Dade Product Control

By Ishay I. Chandra

Robert J. Amoroso, P.E.  
Florida P.E. No. 49752





FRAME HEAD DETAIL



**NOA-No.** 23-1117.06  
**Expiration Date** 10/13/2027



Approved as complying with the  
Florida Building Code  
Date 10/13/2022  
NOA# 20-1130.01  
Miami Dade Product Control  
By Kenya L. Under

A circular professional engineer seal for Robert James Amoroso, State of Florida. The seal features the text "ROBERT JAMES AMOROSO" at the top, "LICENSE" in the center, "No. 49752" below the license number, "STATE OF FLORIDA" at the bottom, and "PROFESSIONAL ENGINEER" around the perimeter. A signature is written across the seal, and the date "9/6/22" is stamped on the right side.

PROJECT TITLE: Complete Collection, Single and Double Doors, Outswing, Glazed  
SECTIONS - VERTICAL - CONCRETE INSTALLATION

**PREPARED BY:**

**PDC**

PDC PRODUCT DESIGN GROUP, LLC  
PO BOX 520775  
LONGWOOD, FLORIDA 32752  
FBPE C/A. NO. 25936

Phone: 321.690.1788  
Fax: 321.690.1789  
Email: [info@pdc-corp.com](mailto:info@pdc-corp.com)

PROJECT #420-0601				
A	REVISED FOR MD COMMENTS	9/2/2022	RJA	
REV	DESCRIPTION	DATE	BY	

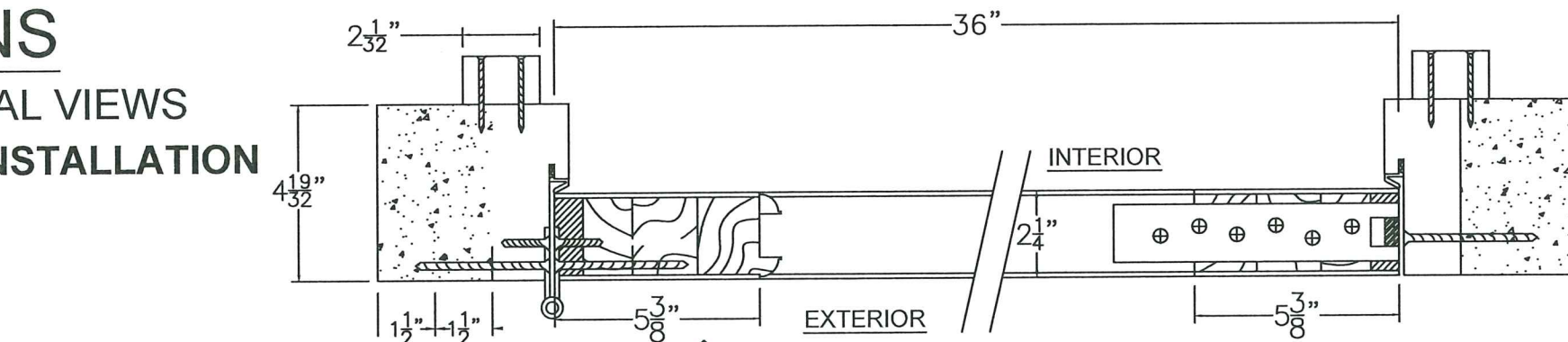




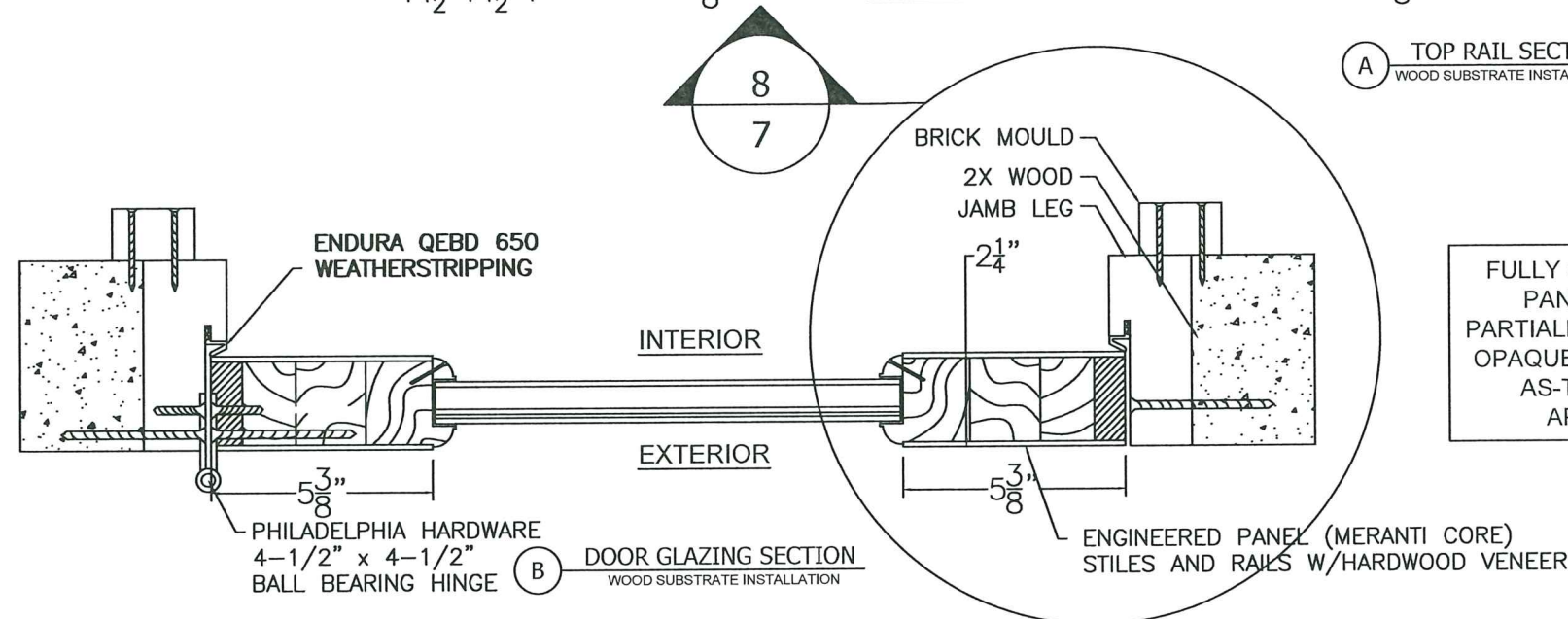


# SECTIONS

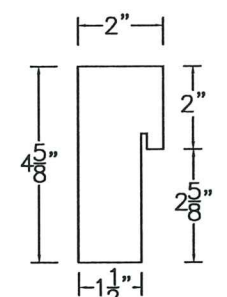
## X DOOR HORIZONTAL VIEWS CONCRETE/MASONRY INSTALLATION



(A) TOP RAIL SECTION  
WOOD SUBSTRATE INSTALLATION



(B) DOOR GLAZING SECTION  
WOOD SUBSTRATE INSTALLATION



FRAME JAMB DETAIL

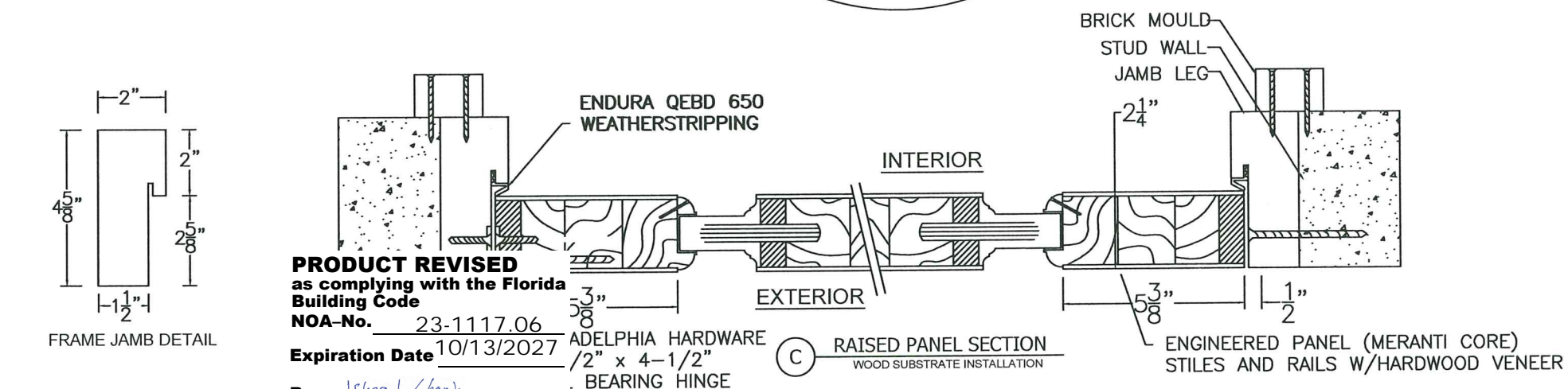
**PRODUCT REVISED**  
as complying with the Florida  
Building Code

NOA-No. 23-1117.06

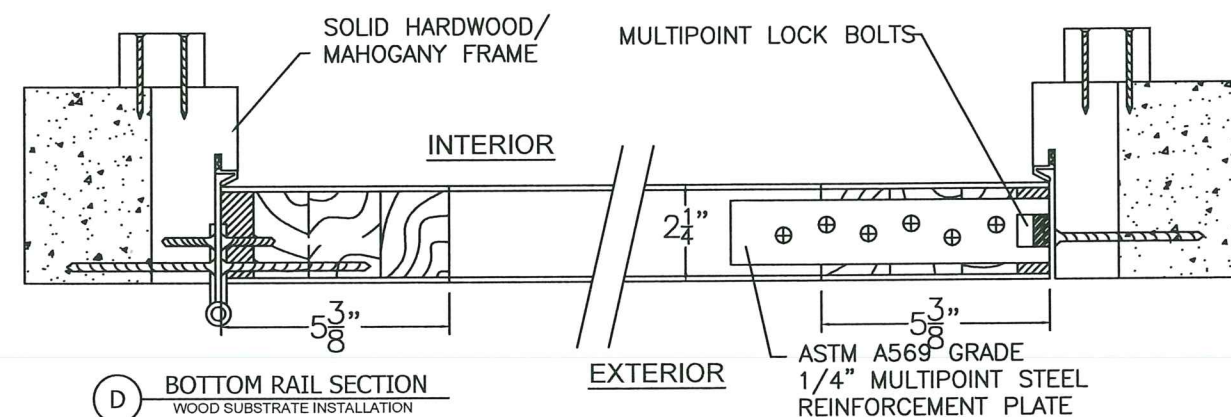
Expiration Date 10/13/2027

By Ismael I. Chanda

Miami-Dade Product Control



(C) RAISED PANEL SECTION  
WOOD SUBSTRATE INSTALLATION



(D) BOTTOM RAIL SECTION  
WOOD SUBSTRATE INSTALLATION

FULLY GLAZED DOOR  
PANEL SHOWN.  
PARTIALLY GLAZED WITH  
OPAQUE RAISED PANEL  
AS-TESTED ARE  
APPROVED.

The Door Store of America, Inc.  
10681 World Trade Blvd  
Raleigh, NC 27617

TITLE: Complete Collection, Single and Double Doors, Outswing, Glazed  
SECTIONS - HORIZONTAL - CONCRETE/MASONRY INSTALLATION

PREPARED BY: PTC

DRAWN BY: RJA

SCALE: N.T.S.

REV: A

DATE: 8/3/2022

DRAWING NO: DSA0009

SHEET: 14A OF 19

REVISED FOR MD COMMENTS

DESCRIPTION

DATE

BY

Approved as complying with the  
Florida Building Code  
Date 10/13/2022  
NOA# 20-1130-01  
Miami Dade Product Control

By Ismael I. Chanda

Robert J. Amoroso, P.E.  
Florida P.E. No. 49752



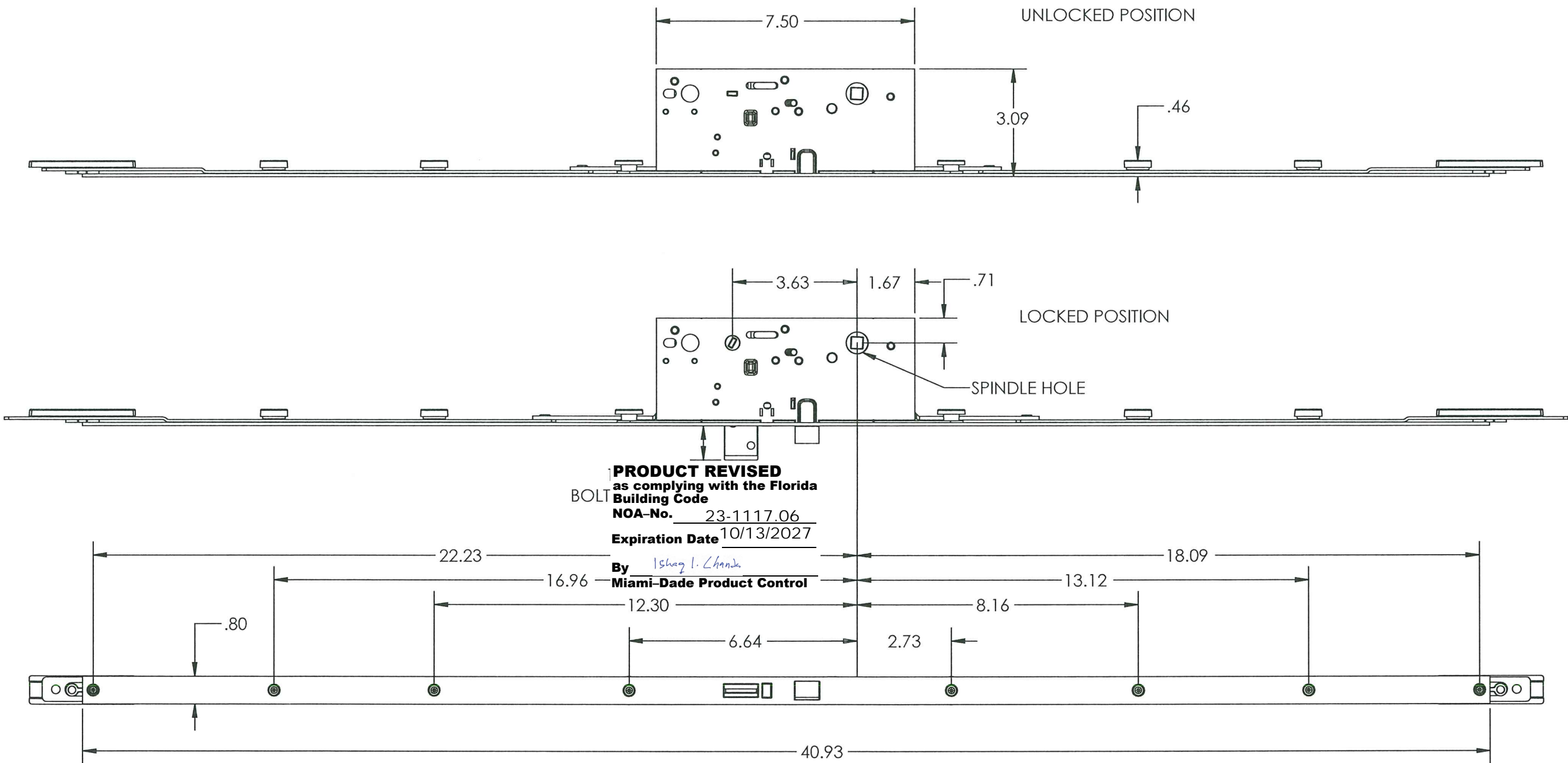


MULTIPOINT LOCK LAYOUT  
RECTANGULAR PANELS  
SHOWN  
ARCH TOP PANELS SAME  
(SEE SHEETS 15A, 15B &  
15C FOR ADDITIONAL  
DETAILS)



XX PANEL RECT. & ARCH TOP DETAILS  
ASHLAND MULTIPOINT LOCK LAYOUT

Ashland Multipoint Model No. V-5100-560



PROJECT #420-0601

The Door Store of America, Inc.  
10681 World Trade Blvd  
Raleigh, NC 27617

TITLE: Complete Collection, Single and Double Doors, Outswing, Glazed  
MULTIPOINT LOCK LAYOUT

DATE: 8/3/2022	DRAWING NO: DSA0009	SHEET: 15A OF 19
DRAWN BY: RJA	SCALE: N.T.S.	REV: A
REVISED FOR MD COMMENTS	DESCRIPTION	DATE
A	REV	9/2/2022
		BY RJA

Approved as complying with the  
Florida Building Code  
Date 10/13/2022  
NOA# 20-1130.01  
Miami Dade Product Control  
By Ishag I. Chandra

Robert J. Amoruso, P.E.  
Florida P.E. No. 49752

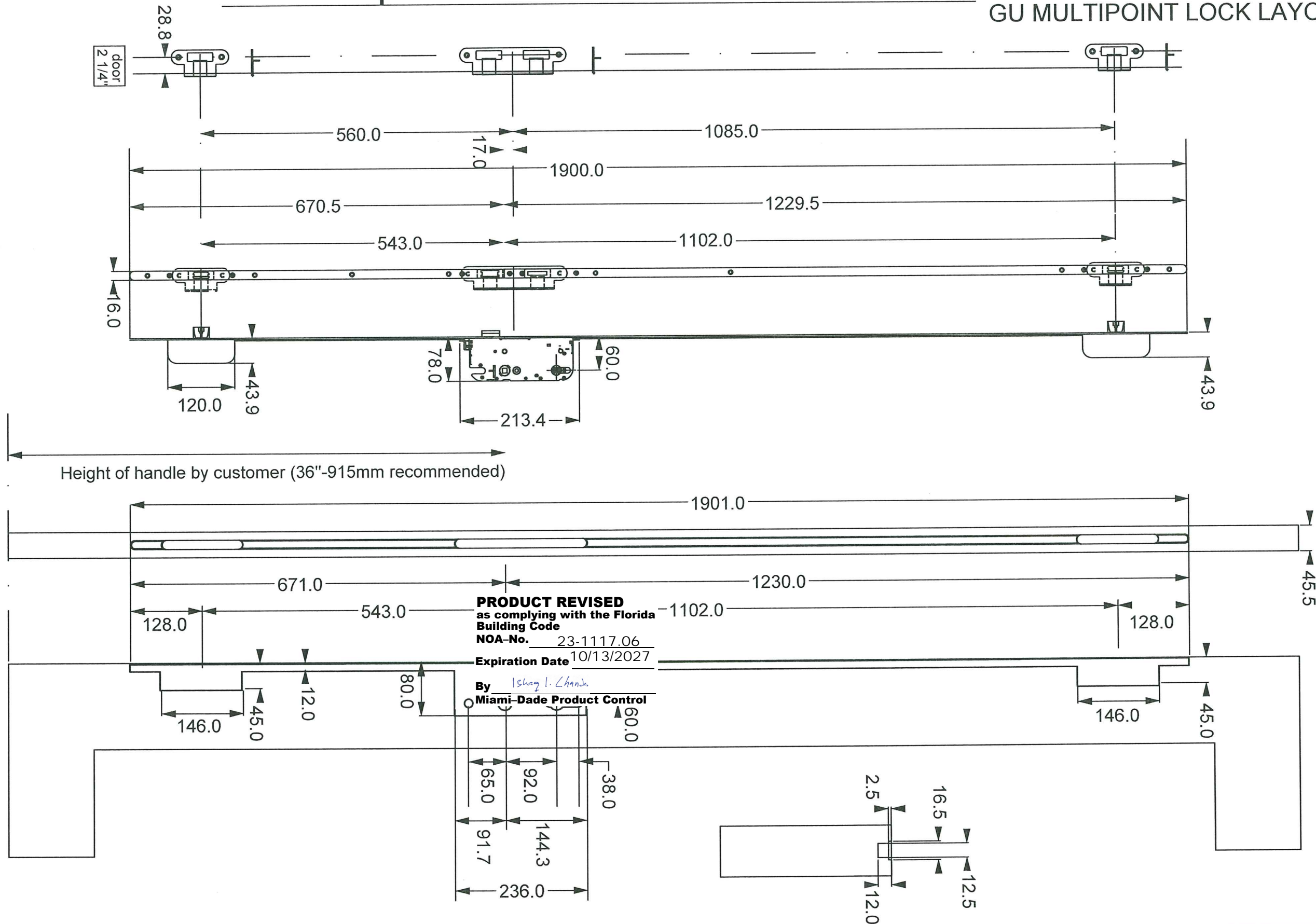




# GU Multipoint Model No. 6-35565-02-R-8B

## X PANEL RECT. & ARCH TOP DETAILS

### GU MULTIPOINT LOCK LAYOUT



**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1117.06  
Expiration Date 10/13/2027

By Ishag I. Chanda  
Miami-Dade Product Control

PROJECT #420-0601

The Door Store of America, Inc.  
10681 World Trade Blvd  
Raleigh, NC 27617

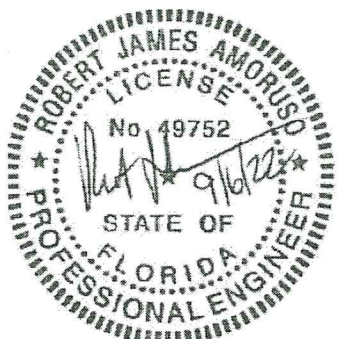
TITLE: Complete Collection, Single and Double Doors, Outswing, Glazed  
MULTIPOINT LOCK LAYOUT

PREPARED BY: RJA DATE: 8/3/2022  
DRAWING NO: DSA0009  
SCALE: N.T.S.  
REV: A SHEET: 15B OF 19

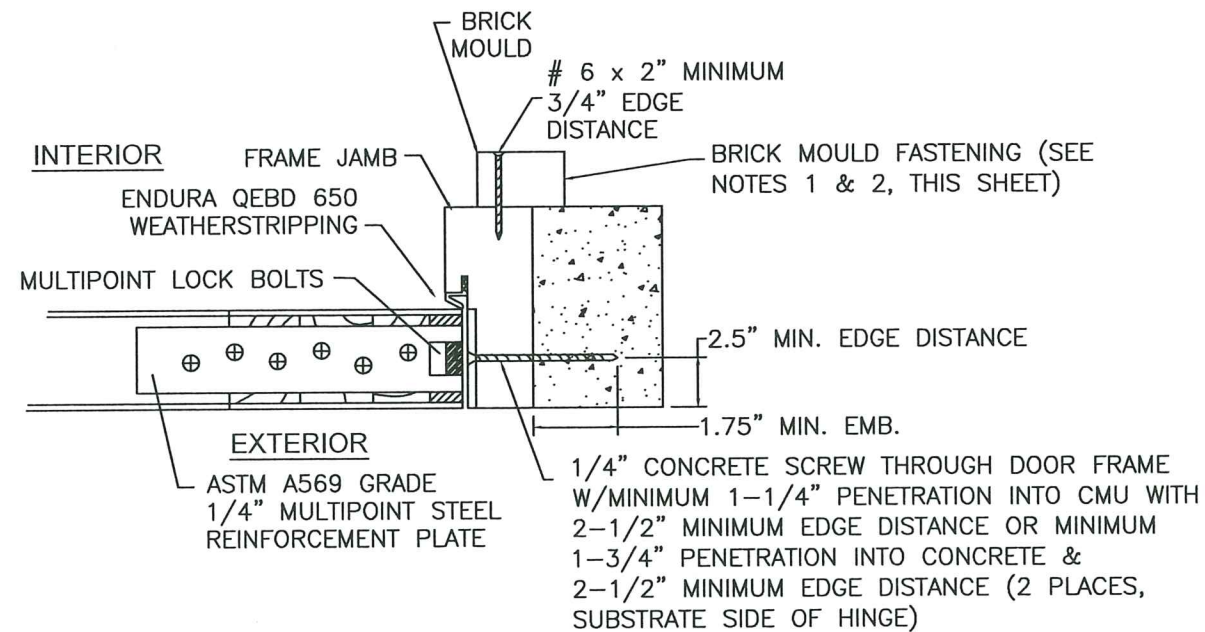
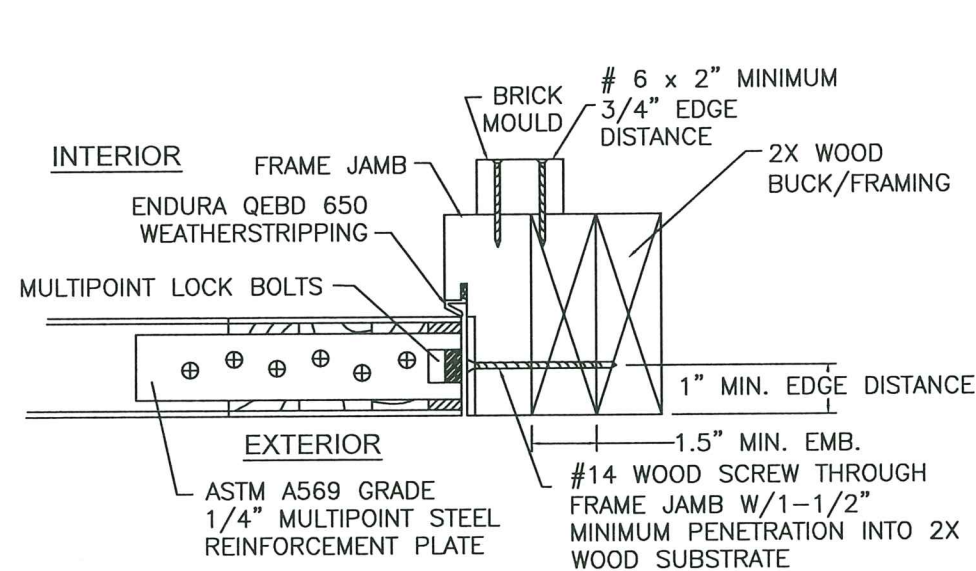
PTC PRODUCT DESIGN GROUP, LLC  
PO BOX 520775  
LONGWOOD, FLORIDA 32752  
Phone: 321.690.1788  
Fax: 321.690.1789  
Email: info@ptc-corp.com

as complying with the  
Florida Building Code  
Date 10/13/2022  
NOA# 20-1130.01  
Miami Dade Product Control  
By Ishag I. Chanda

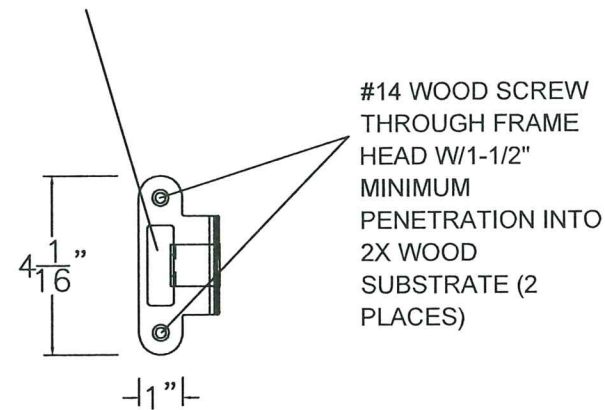
Robert J. Amoruso, P.E.  
Florida P.E. No. 49752







MULTIPOINT HEAD & FOOT BOLTS ENGAGE INTO PLATE

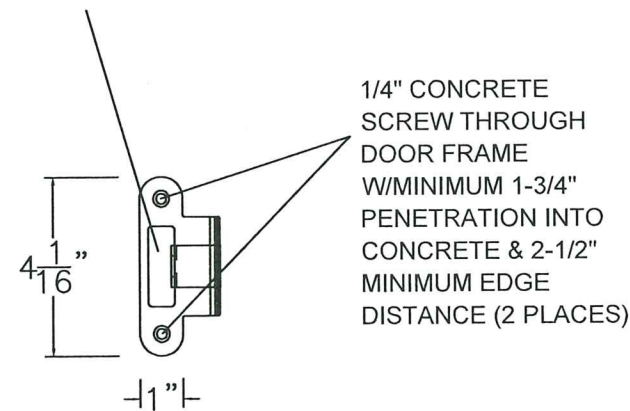


#14 WOOD SCREW THROUGH FRAME HEAD W/1-1/2\"/>

#### NOTES:

1. BRICK MOULD INSTALLATION SHALL USE NO. 6 WOOD SCREW X 2\"/>

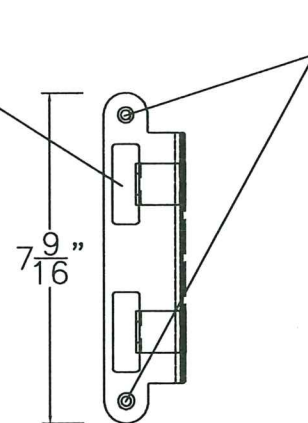
MULTIPOINT HEAD & FOOT BOLTS ENGAGE INTO PLATE



1/4\"/>

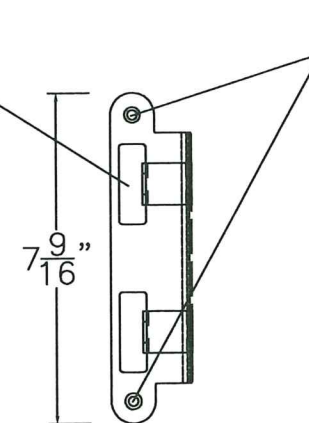
## X PANEL RECT. & ARCH TOP DETAILS GU MULTIPOINT LOCK INSTALLATION

MULTIPOINT LOCK BOLTS ENGAGE INTO PLATE



#14 WOOD SCREW THROUGH FRAME HEAD W/1-1/2\"/>

MULTIPOINT LOCK BOLTS ENGAGE INTO PLATE



1/4\"/>

**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 23-1117.06  
Expiration Date 10/13/2027  
By Ishag I. Chanki  
Miami-Dade Product Control

Strike Plate Detail in Wood

Strike Plate Detail in Concrete

Strike Plate Details for GU Multipoint Strike Plates at Lock Set  
and Head/Foot Bolts

PROJECT #420-0601

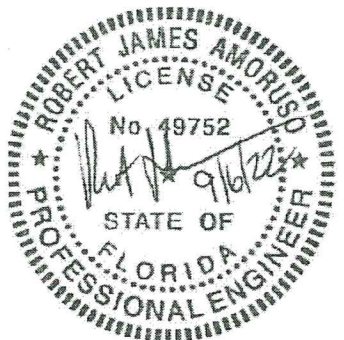
The Door Store of America, Inc.  
10681 World Trade Blvd  
Raleigh, NC 27617

TITLE: Complete Collection, Single and Double Doors, Outswing, Glazed  
MULTIPOINT LOCK LAYOUT

DATE:	8/3/2022
DRAWING NO.:	DSA0009
SCALE:	N.T.S.
REV:	A
SHEET:	15C OF 19

Approved as complying with the Florida Building Code  
Date 10/13/2022  
NOA# 23-1130.01  
Miami Dade Product Control  
By Ishag I. Chanki

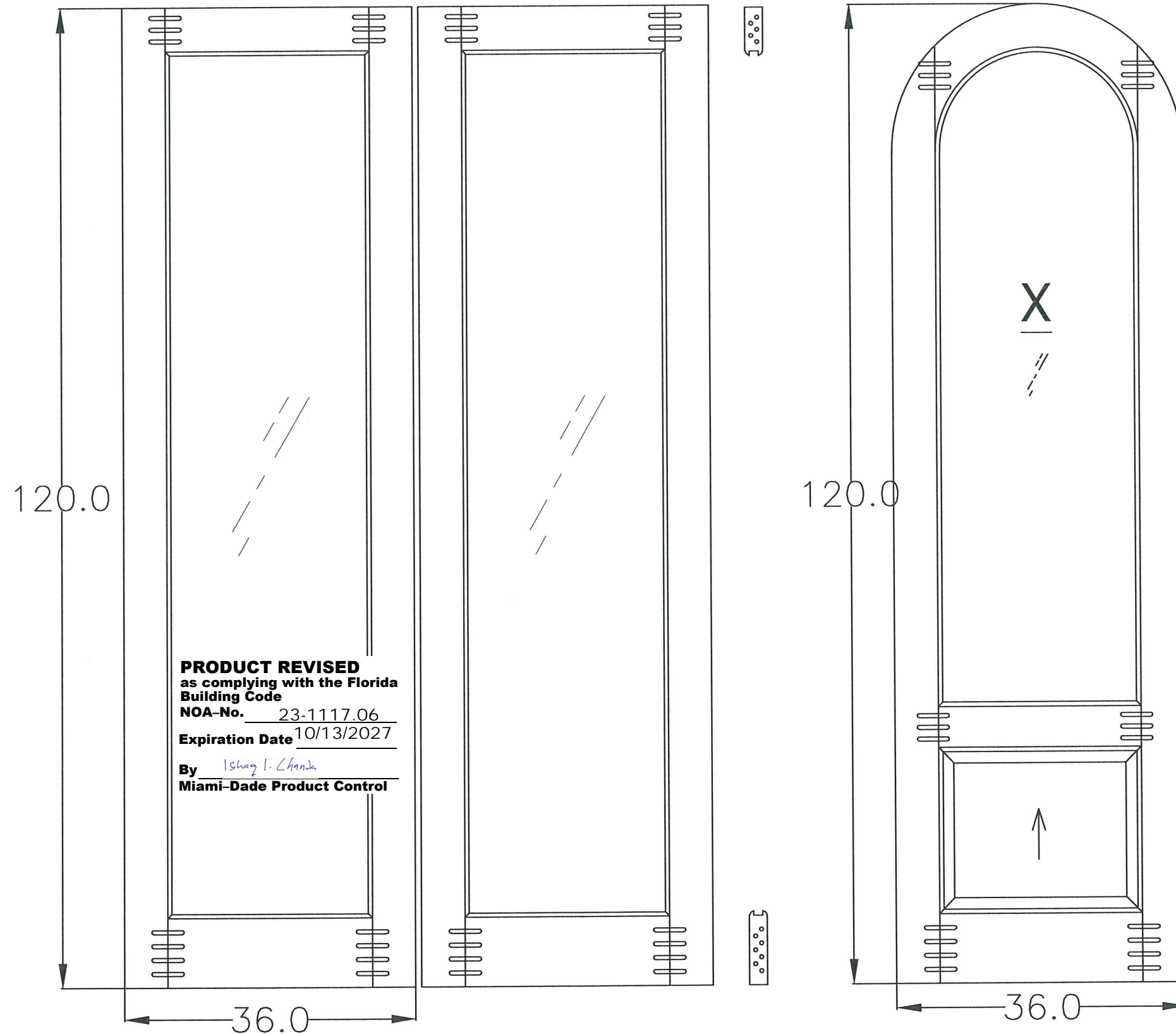
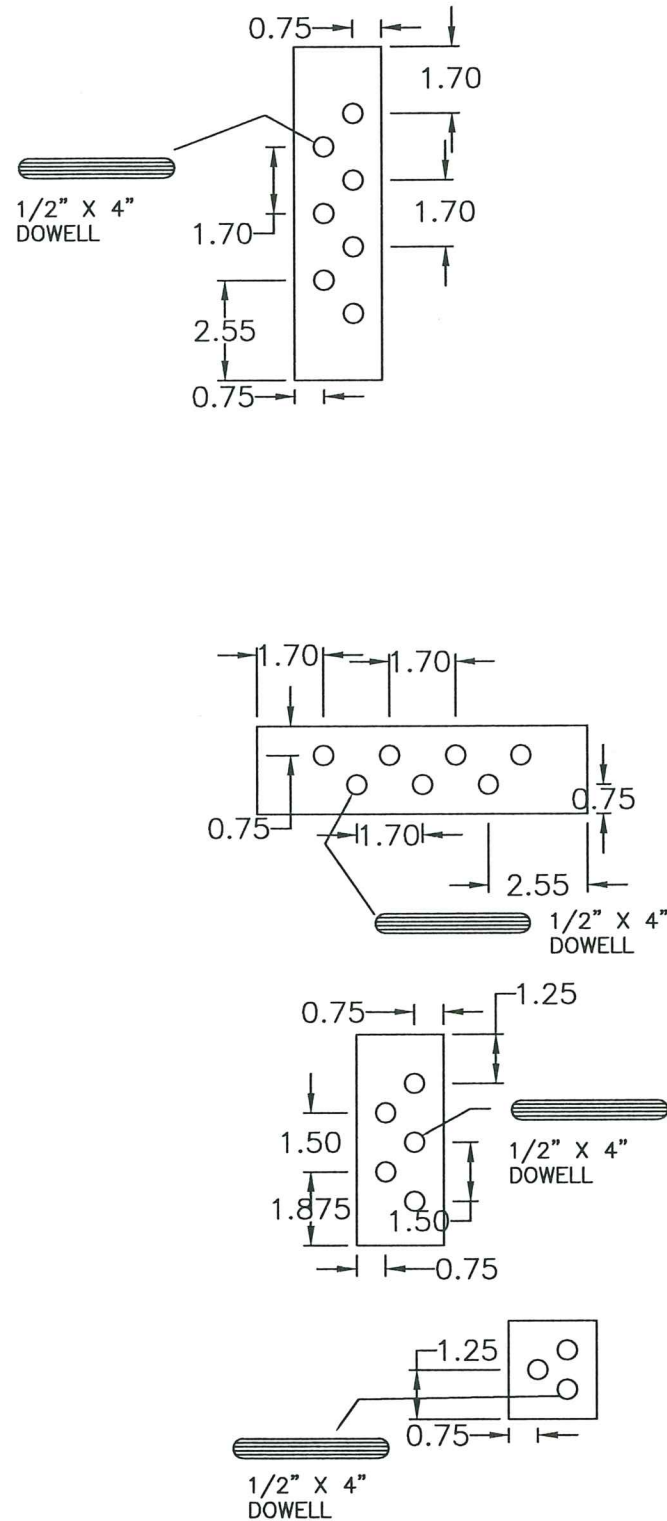
Robert J. Amoroso, P.E.  
Florida P.E. No. 49752





# PANEL CONSTRUCTION DETAIL (X & XX)

XX & X RECTANGULAR PANEL CONSTRUCTION (XX ARCH TOP PANEL SIMILAR) - DOWEL LOCATION  
X ARCH TOP PANEL CONSTRUCTION - DOWEL LOCATION



PROJECT #420-0601

The Door Store of America, Inc.  
10681 World Trade Blvd  
Raleigh, NC 27617

TITLE Complete Collection, Single and Double Doors, Outswing, Glazed  
PANEL CONSTRUCTION - MULTIPOINT LOCK DETAIL

DATE: 8/3/2022  
DRAWING NO: DSA0009  
SHEET: 16 OF 19  
REV: A

PREPARED BY: **PTC**  
PTC PRODUCT DESIGN GROUP, LLC  
PO BOX 52075  
LONG BEACH, CA 90805  
Phone: 321.690.1788  
Fax: 321.690.1789  
Email: info@ptc-corp.com

Approved as complying with the  
Florida Building Code  
Date 10/13/2022  
NOA# 20-1130.01  
Miami Dade Product Control

By Ismael L. Chanda

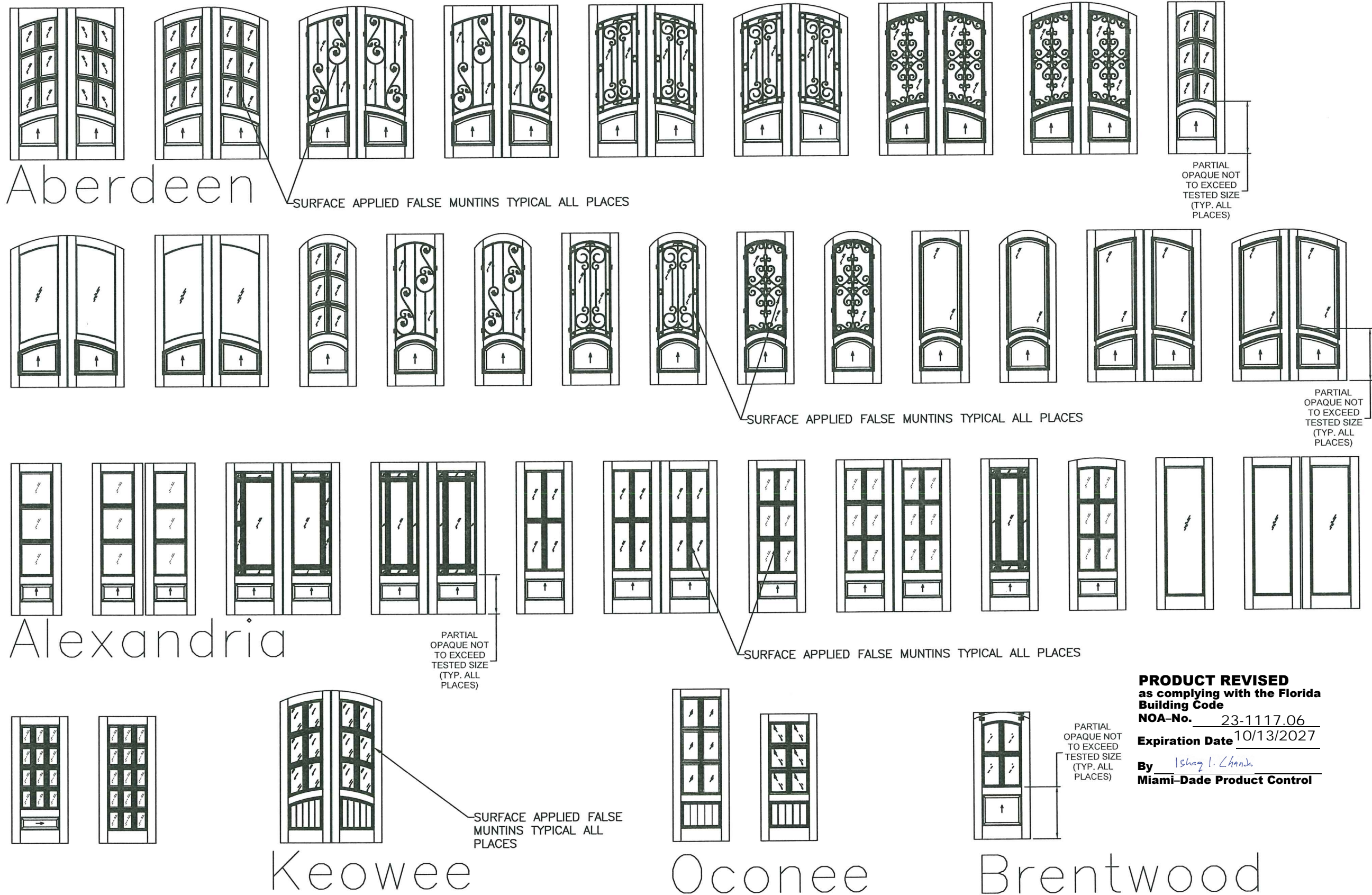
Robert J. Amoroso, P.E.  
Florida P.E. No. 49752





# APPROVED CONFIGURATIONS

MAXIMUM FRAME, DOOR PANEL AND DLO SIZES SHOWN ON SHEETS 2, 2A, 2B, 2C AND 2D MUST BE MET.



PROJECT #420-0601

The Door Store of America, Inc.  
10681 World Trade Blvd  
Raleigh, NC 27617

TITLE: Complete Collection, Single and Double Doors, Outswing, Glazed  
APPROVED CONFIGURATIONS

PREPARED BY: RJA

DATE: 8/3/2022

DRAWING NO: DSA0009

SHEET: 17 OF 19

REV: A

DESCRIPTION

REVISOR

DATE

BY

Approved as complying with the  
Florida Building Code  
Date 10/13/2022  
NOA# 20-1130-01  
Miami Dade Product Control

By Ishag I. Chande

Robert J. Amoruso, P.E.  
Florida P.E. No. 49752

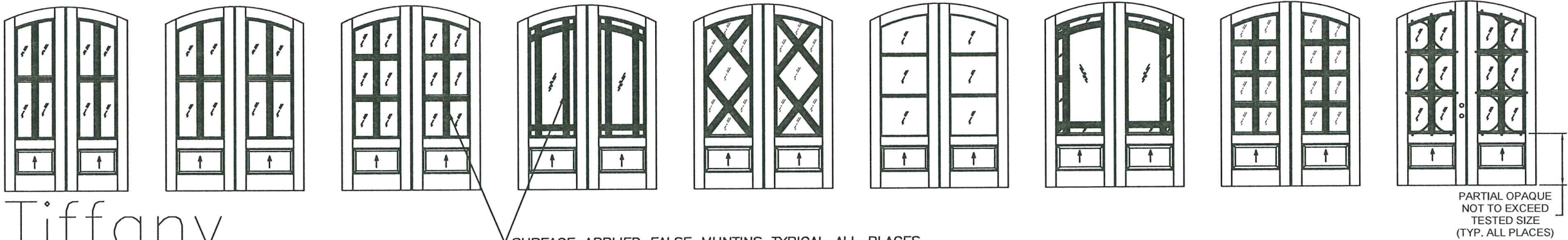


**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1117.06  
Expiration Date 10/13/2027  
By Ishag I. Chande  
Miami-Dade Product Control

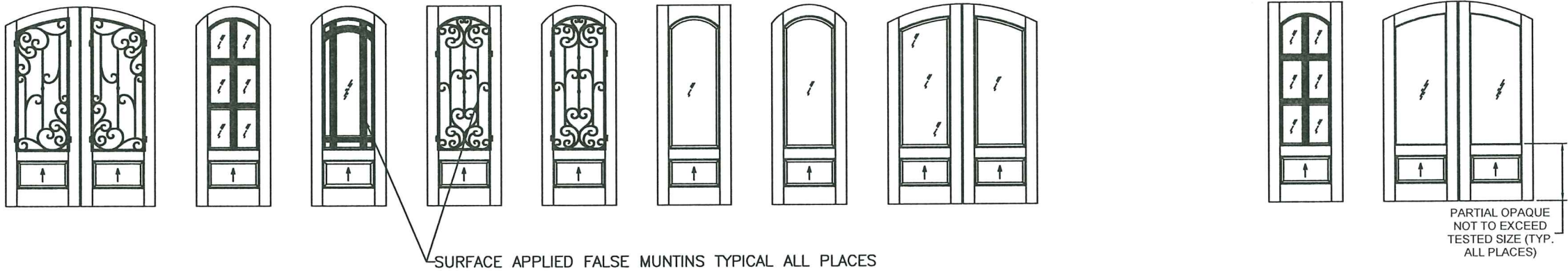


# APPROVED CONFIGURATIONS

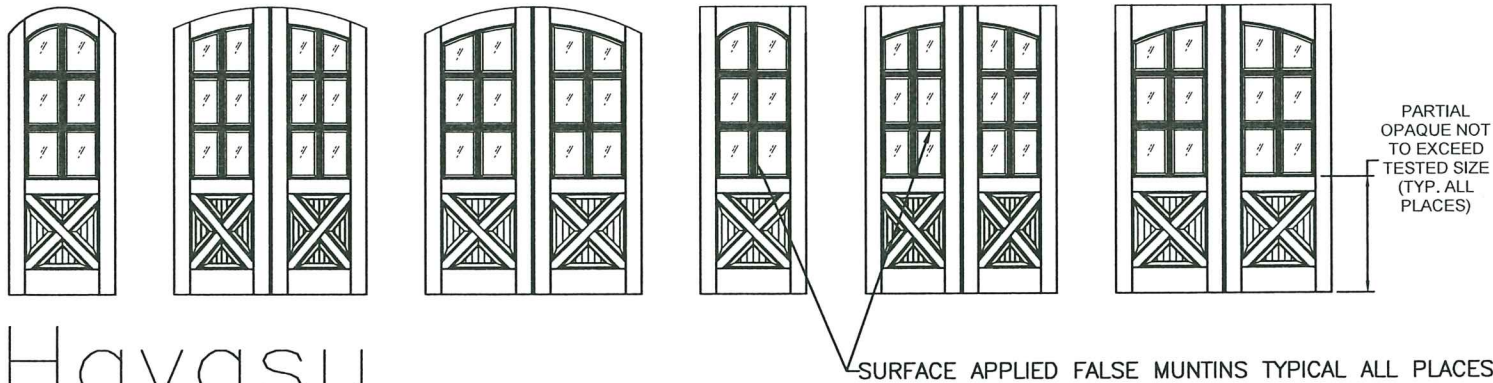
MAXIMUM FRAME, DOOR PANEL AND DLO SIZES SHOWN ON SHEETS 2, 2A, 2B, 2C AND 2D MUST BE MET.



Tiffany



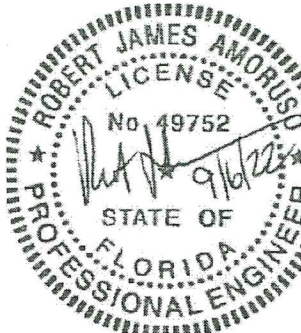
Havasu



**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1117.06  
Expiration Date 10/13/2027  
By Ishay I. Chank  
Miami-Dade Product Control

Approved as complying with the  
Florida Building Code  
Date 10/13/2022  
NOA# 20-1130-01  
Miami Dade Product Control  
By Ishay I. Chank

Robert J. Amoruso, P.E.  
Florida P.E. No. 49752

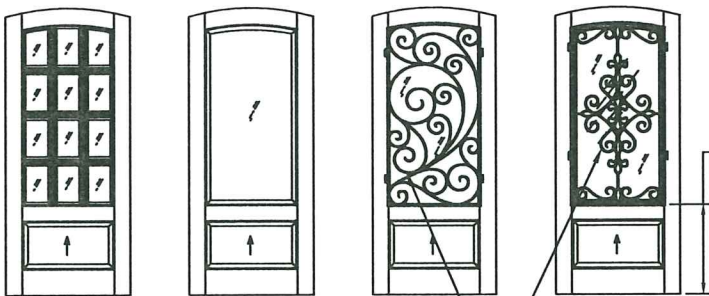


PROJECT #4420-0601					
The Door Store of America, Inc. 10681 World Trade Blvd Raleigh, NC 27617		APPROVED CONFIGURATIONS		REVISED FOR MD COMMENTS	
TITLE: Complete Collection, Single and Double Doors, Outswing, Glazed		DATE: 8/3/2022		DATE: 9/2/2022	
DRAWN BY: RJA		SCALE: N.T.S.		DESCRIPTION	
PREPARED BY: PTC		SHEET: 18 OF 19		BY: RJA	
PTC PRODUCT DESIGN GROUP, LLC PO BOX 520715 LONGWOOD, FLORIDA 32752 FBPE C.A. NO. 235935		REV: A		DATE	



# APPROVED CONFIGURATIONS

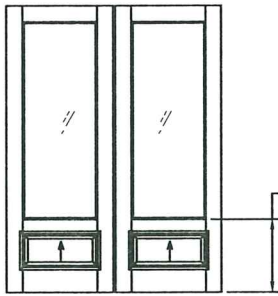
MAXIMUM FRAME, DOOR PANEL AND DLO SIZES SHOWN ON SHEETS 2, 2A, 2B, 2C AND 2D MUST BE MET.



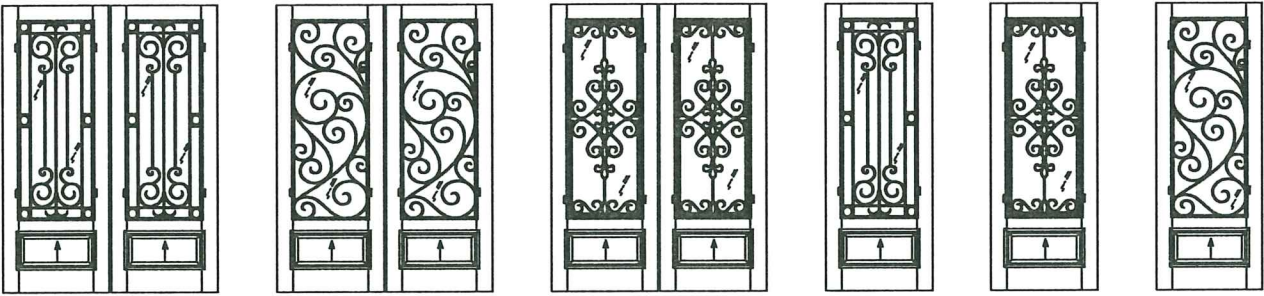
Trinity

PARTIAL OPAQUE NOT TO EXCEED TESTED SIZE (TYP. ALL PLACES)

SURFACE APPLIED FALSE MUNTINS TYPICAL ALL PLACES

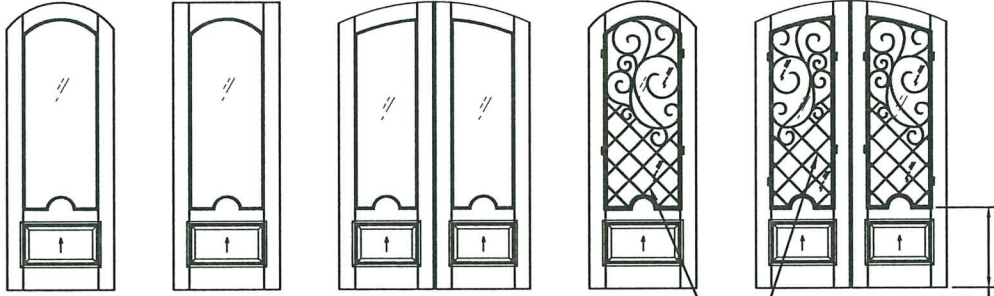


PARTIAL OPAQUE NOT TO EXCEED TESTED SIZE (TYP. ALL PLACES)



Wakefield

PARTIAL OPAQUE NOT TO EXCEED TESTED SIZE (TYP. ALL PLACES)



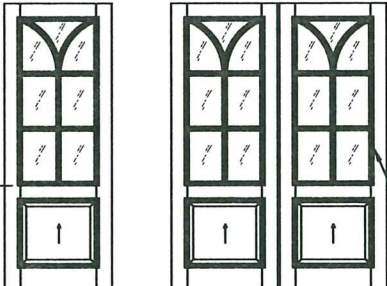
Marseille

PARTIAL OPAQUE NOT TO EXCEED TESTED SIZE (TYP. ALL PLACES)  
SURFACE APPLIED FALSE MUNTINS TYPICAL ALL PLACES



Madison

PARTIAL OPAQUE NOT TO EXCEED TESTED SIZE (TYP. ALL PLACES)



SURFACE APPLIED FALSE MUNTINS TYPICAL ALL PLACES

**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 23-1117.06  
Expiration Date 10/13/2027  
By Ishag I. Chande  
Miami-Dade Product Control

PROJECT #420-0601

The Door Store of America, Inc.  
10681 World Trade Blvd  
Raleigh, NC 27617

TITLE Complete Collection, Single and Double Doors, Outswing, Glazed  
APPROVED CONFIGURATIONS

PREPARED BY:	DATE:	8/3/2022
DRAWN BY: RJA	DRAWING NO: DSA0009	19 OF 19
SCALE: N.T.S.	REV: A	

PTC PRODUCT DESIGN GROUP, LLC Phone: 321.690.1788  
PO BOX 52075 LONGWOOD, FL 32752 Fax: 321.690.1789  
FBPC C.A. NO. 25935 Email: info@ptc-corp.com

Approved as complying with the Florida Building Code  
Date 10/13/2022  
NOA# 20-1130-01  
Miami Dade Product Control  
By Ishag I. Chande

Robert J. Amoruso, P.E.  
Florida P.E. No. 49752

