

NEW ERRA DOORS

New Erra Doors Corp DBA Custom Door and Millworks

Florida Impact Approval:

FL #11436-R6

FBC VERSION: 2023

Certificate of Independence

Rule 61G20-3 F.A.C. | Report No. 2071-CI, Rev. 4 | Project No. 422-0604 | 6/12/23 | Page 1 of 1

Product Manufacturer

New Era Door Corp.
dba Custom Door and Millwork
2787 N. Airport Rd., Unit No. 410
Fort Myers, Florida 33907

Product Name, Model and/or Description

Impact Double Glazed Doors with Transom – Outswing and Inswing
Impact Double Opaque Entry Door – Outswing and Inswing

Code: Current Edition of the Florida Building Code including the 8th Edition (2023) Florida Building Code

Compliance Method: Product Approval Rule 61G20-3.009 – Certification of Independence

Certificate of Independence per Product Approval Rule 61G20-3.009

PTC Product Design Group, LLC and Robert J. Amoruso, P.E. does not have, nor will acquire, any financial interest in the company manufacturing or distributing product(s) covered by this Product Evaluation Report.

PTC Product Design Group, LLC and Robert J. Amoruso, P.E. do not have, nor will acquire any financial interest in any other entity involved in the approval process or testing of the product(s) covered by this Product Evaluation Report.

Robert J. Amoruso, P.E.
FL P.E. License Number 49752



Equivalency Evaluation Report

Rule 61G20-3 F.A.C. | Report No. 2071-EER, Rev. 4 | Project No. 422-0604 | 6/12/23 | Page 1 of 2

Product Manufacturer

New Era Door Corp.
dba Custom Door and Millwork
2787 N. Airport Rd., Unit No. 410
Fort Myers, Florida 33907

Product Name, Model and/or Description

Impact Double Glazed Doors with Transom – Outswing and Inswing
Impact Double Opaque Entry Door – Outswing and Inswing

Code: Current Edition of the Florida Building Code including the 8th Edition (2023) Florida Building Code

Compliance Methods: Product Approval Rule 61G20-3.015(5)(d) – Equivalency of Standards

- Impact Double Glazed Doors with Transom – Outswing and Inswing
 - CDM0003, Rev. E, dated 6/12/23 signed and sealed by Robert J. Amoruso, Custom Door and Millworks, Impact Double Glazed O.S. Door with Transom – Outswing and Inswing – Installation Anchorage Details
 - CTLA 1850W-1, dated September 09, 2008
- Impact Double Opaque Entry Door – Outswing and Inswing
 - CDM0004, Rev. E, dated 6/12/23, signed and sealed by Robert J. Amoruso, Custom Door and Millworks, Impact Double Opaque Entry Door – Outswing and Inswing – Installation Anchorage Details
 - CTLA 1850W, dated September 09, 2008

Performance Standards (used in testing):

- ASTM E330-02, Test Method for Structural Performance of Exterior Windows, Curtain Walls, and Doors by Uniform Static Air Pressure Difference.
- ASTM E547-00, Water Penetration of Exterior Windows and Doors by Static Air Pressure Difference.
- ASTM E283-04, Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen
- ASTM E1886-05, Standard Test Method for Performance of Exterior Windows, Glazed Curtain Walls, Doors, and Storm Shutters Impacted by Missiles and Exposed to Cyclic Pressure Differentials.
- ASTM E1996-05, Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors, and Storm Shutters Impacted by Windborne Debris in Hurricanes.

Equivalency Evaluation:

The following table shows the performance standards used in testing and those in the current edition of the FBC.

| Standard Used in Testing | | Current Edition of the Florida Building Code including the 8 th Edition (2023) Florida Building Code | | Comments |
|--------------------------|----------------|---|--------------------------|----------------------|
| Description | Revision Level | Building Volume (FBC) | Residential Volume (FRC) | |
| ASTM E330 | 02 | 14 | 14 | See Evaluation Below |
| ASTM E547 | 00 | Not in code | Not in code | |
| ASTM E283 | 04 | 04 (2012) | 04 (2012) | |
| ASTM E1886 | 05 | 13a | 13a | |
| ASTM E1996 | 05 | 14a | 14a | |

The AAMA and ASTM Standards listed above and used in testing have been compared to their current revision levels in the 8th Edition (2023) Florida Building Code and found to be acceptable. Changes in the current revisions do not affect the results obtained using previous versions of the reference standard.



Equivalency Evaluation Report

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ASTM E1996 Testing Evaluation:

- 1) Wind Zone 4 testing
 - a. ASTM E1996-14 moved Wind Zone 4 criteria to the non-mandatory appendix. As indicated in Appendix X4.1, ASTM E1996-14a the Wind Zone 4 requirement, though non-mandatory, is still present and may be specified when needed to meet specific building codes requirements. Those requirements are detailed in Sections 1609.1.2.2, 1609.1.2.4 and 1609.3 of the Florida Building Code. Based on a review of the test reports, those parameters are met.
- 2) The Missile Level and Impact Speed used in testing are consistent with those currently required by the Florida Building Code and ASTM E11996.
- 3) The static load (ASTM E330) and cyclic load (ASTM E1886/E1996) parameters used in testing are consistent with those currently required by the Florida Building Code.

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Evaluated by:
Robert J. Amoruso, P.E.
FL PE License No. 49752



Product Evaluation Report

Rule 61G20-3 F.A.C. | Report No. 2071-PER, Rev. 4 | Project No. 422-0604 | 6/12/23 | Page 1 of 2

Product Manufacturer

New Era Door Corp.
dba Custom Door and Millwork
2787 N. Airport Rd., Unit No. 410
Fort Myers, Florida 33907

Product Name, Model and/or Description

Impact Double Glazed Door with Transom – Outswing and Inswing
Impact Double Opaque Entry Door – Outswing and Inswing

Code: Current Edition of the Florida Building Code including the 8th Edition (2023) Florida Building Code

Compliance Method: Product Approval Rule 61G20-3.005(1)(d) – Product Evaluation Report by a Licensed Professional Engineer

Product Name, Model and/or Designation; Test Report No.; and Installation Drawing No.:

- Impact Double Glazed Doors with Transom – Outswing and Inswing
 - CDM0003, Rev. E, dated 6/12/23 signed and sealed by Robert J. Amoruso, Custom Door and Millworks, Impact Double Glazed O.S. Door with Transom – Outswing and Inswing – Installation Anchorage Details
 - CTLA 1850W-1, dated September 09, 2008
- Impact Double Opaque Entry Door – Outswing and Inswing
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 - CTLA 1850W, dated September 09, 2008

Component Approvals:

- Laminate Glass Interlayer: Uvekol Laminated Glass Interlayer by Allnex USA Inc. per current Miami-Dade Notice of Acceptance found [here](#).

Engineering Analysis & Evaluation:

- Anchorage engineering (Report No. 1133-Calc & 1119-Calc) in accordance with the current edition of the Florida Building Code, signed and sealed by Robert J. Amoruso, P.E., FL License Number 49752.
- Report No. 2568, Rev. 1, dated 6/12/23, signed and sealed by Robert J. Amoruso, P.E. FL No. 49752, Title: Product Evaluation of Door Lock Component Interchangeability to Custom Door & Millworks Wood Entry Doors
 - Von Duprin (Allegion) WS9827/9927 and/or WS9857/9957 Multi-Point exit device can be used as a replacement for the Emtek 8450 Cylinder Lock with single cylinder dead bolt & steel surface bolts with strike plates used in testing.
- Report No. 2597, Rev. 1, dated 6/12/23, signed and sealed by Robert J. Amoruso, P.E. FL No. 49752, Title: Product Evaluation of Custom Door & Millwork Inswing Wood Entry Doors
- Window glazing verified using ASTM E1300-12AE1 and ASTM E1300-2016

Performance Standards (used in testing):

- ASTM E330-02, Test Method for Structural Performance of Exterior Windows, Curtain Walls, and Doors by Uniform Static Air Pressure Difference.
- ASTM E547-00, Water Penetration of Exterior Windows and Doors by Static Air Pressure Difference.
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Product Evaluation Report

Rule 61G20-3 F.A.C. | Report No. 2071-PER, Rev. 4 | Project No. 422-0604 | 6/12/23 | Page 2 of 2

Limitations & Conditions of Use:

- The following product has been evaluated for outside the High Velocity Hurricane Zone (HVHZ).
 - Impact Double Glazed Doors with Transom – Outswing and Inswing
 - Impact Double Opaque Entry Door – Outswing and Inswing
- The following product will not require an approved impact protective system when used in wind borne debris regions including the HVHZ.
 - Impact Double Glazed Doors with Transom – Outswing and Inswing
 - Impact Double Opaque Entry Door – Outswing and Inswing
- Refer to Product Installation Instructions noted above for:
 - Maximum allowable wind loads at related maximum allowable size(s).
 - Overall dimensions and material/grade of main product components, accessories, etc.
 - Illustrated diagrams of the attachment of the product to substrate structure.
 - Anchor type(s), size(s), substrate(s), embedment, edge distance, and spacing/locations.
- Site wind pressures shall be determined by a licensed professional engineer in accordance with the current edition of the Florida Building Code (and/or ASCE 7 as referenced in the current edition of the Florida Building Code) for components and cladding based on allowable stress design.
- Site conditions not covered in this product evaluation document are subject to additional engineering analysis by a licensed professional engineer or registered architect as required by the authority having jurisdiction.
- Adequacy of the existing structural substrates as a main wind force resisting system capable of withstanding and transferring applied product loads to the foundation is the responsibility of the licensed professional engineer or registered architect acting as the design professional of record for the project of installation.

Certificate of Independence per Product Approval Rule 61G20-3.009

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Evaluated By:
Robert J. Amoruso, P.E.
FL P.E. License Number 49752



CERTIFICATION OF PARTICIPATION

**National Accreditation and Management Institute, Inc.
confirms that:**

**New Erra Doors, LLC dba Custom Door and Millwork
2787 N. Airport Road #410
Fort Myers, Florida 33907**

**Participates within a Quality Assurance Program
that complies with ISO/IEC 17020 and Guide 53**

**New Erra Doors, LLC dba Custom Door and Millwork's
Quality Assurance ID # 1345-1**

**Quality Assurance Program for products
manufactured or assembled at referenced location.**



Thomas D. Wix, Quality Assurance Manager

Certificate Valid From 9/17/2024 to 12/31/2025

**The NAMI Program is recognized as an approved quality assurance entity
within the State of Florida # QUA1789.**

NOTICE OF PRODUCT CERTIFICATION



CERTIFICATION NO: NI009646-R10
DATE: 10/02/2008
CERTIFICATION PROGRAM: Structural
COMPANY: New Erra
CODE: 1345-1
REVISION DATE: 12/09/2024

This certification represents product conformity to the applicable specification and that certification criteria has been satisfied. A NAMI approved certification label must be applied to the product to claim certification status. To affirm the certification status, please visit www.namicertification.com. NAMI is accredited to the ISO/IEC 17065 by the Standards Council of Canada (SCC).

| COMPANY NAME AND ADDRESS | PRODUCT DESCRIPTION |
|--|---|
| New Erra Doors, LLC dba Custom Door & Millworks 2787 N. Airport Road, #410 Fort Myers, FL 33907 | “Mara Macho” Mahogany Out-Swing Double Glazed Entry Door w/Arch Transom One Active Panel/One Inactive Panel w/Fixed Transom Configuration: O/XX Glazing: Monolithic Laminate - 1/4" Tempered Glass/ 0.100" Uvekool PVB Interlayer/1/4" Heat Strengthened Glass Frame: W-6'3" H-13'4" Panel: W-3'0" H-10'0" Transom: W-6'3" H-3'2" |

| SPECIFICATION | PRODUCT RATING |
|--|---|
| ASTM E283-04/E330-02/E547-00 ASTM E1886-05/E1996-05 | Design Pressure: +55/-55 psf Wind Zone 4 - Missile Level D |

Product Tested By: Certified Testing Laboratories
Report No: CTLA-1850W-1
Expiration Date: September 30, 2025

Administrator's Signature: _____ 

NATIONAL ACCREDITATION AND MANAGEMENT INSTITUTE, INC.

4794 George Washington Memorial Highway
Hayes, VA 23072
Tel: (804) 684-5124

Email: nami@namiinc.com

NEW ERRA DOORS CORP, dba CUSTOM DOOR AND MILLWORK

IMPACT DOUBLE GLAZED DOORS W/ TRANSOM

OUTSWING AND INSWING

INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED TO COMPLY WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE, BUILDING AND RESIDENTIAL VOLUMES EXCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ) AT THE DESIGN PRESSURES STATED HEREIN.
2. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORT(S) NO. CTLA 1850W-1 AND ASSOCIATED LABORATORY DRAWINGS.
3. 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 ENGINEER OR ARCHITECT OF RECORD.
4. 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 ENGINEER OR ARCHITECT OF RECORD.
5. THIS PRODUCT DOES NOT REQUIRE AN IMPACT PROTECTIVE SYSTEM THAT COMPLIES WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE, BUILDING AND RESIDENTIAL VOLUMES IN THE WIND BORNE DEBRIS REGION. THE PRODUCT IS IMPACT-RESISTANT TO WIND ZONE 4, MISSILE LEVEL D.
6. DOOR FRAME AND PANEL MATERIAL: MAHOGANY.
7. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-12AE1 & ASTM E1300-2016. SEE SHEET 6 OR 7 FOR GLAZING DETAIL.
8. DESIGNATION "X" STANDS FOR OPERABLE PANEL - SEE ELEVATION ON SHEET 2.
9. HARDWARE TESTED:
 - 9.1 EMTEK 8450 CYLINDER LOCK WITH SINGLE CYLINDER DEAD BOLT.
 - 9.2 STEEL SURFACE BOLTS WITH STRIKE PLATES. TWO HANDLE STYLES SHOWN FOR OUTSWING VS. INSWING. OTHER STYLES ACCEPTABLE.

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2. THE INSTALLATION ANCHOR SPACING DEPICTED DICTATES THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION. ANCHORS ARE TO MATCH TYPE, SIZE, AND EMBEDMENT OF THOSE SHOWN HEREIN FOR RESPECTIVE SUBSTRATE.
3. 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.
4. FOR INSTALLATION INTO WOOD FRAMING, USE #12 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE SHALL BE 7/8 INCH TO EDGE OF SUPPORTING WOOD SUBSTRATE.
5. FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE / MASONRY, OR DIRECTLY INTO CONCRETE / MASONRY, USE 3/16 INCH ITW TAPCONS (ADVANCED THREADFORM TYPE) OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO CONCRETE AND 1 INCH MINIMUM EMBEDMENT INTO MASONRY (CMU). MINIMUM EDGE DISTANCES SHALL BE 1-1/8 INCH IN CONCRETE AND 2 INCHES INTO MASONRY (CMU).
6. ALTERNATE CONCRETE / MASONRY / WOOD INSTALLATION ANCHORS OF EQUIVALENT PERFORMANCE CHARACTERISTICS CAN BE USED UPON APPROVAL BY THE ARCHITECT OR ENGINEER OF RECORD.
7. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES (INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING).
8. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING DISSIMILAR METALS OR MATERIALS IN CONTACT WITH PRESSURE TREATED WOOD MUST BE PROTECTED TO PREVENT REACTION.
9. FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS 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 AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER AND/OR AS REQUIRED BELOW IN NOTE 11.
11. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - 11.1. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.42.
 - 11.2. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 2500 psi
 - 11.3. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, MEDIUM WEIGHT WITH DENSITY > 117 PCF.

| PERFORMANCE RATING | | | |
|--------------------|------------------------|--------------------------------|--------------------------|
| CONFIGURATION | DESIGN PRESSURE RATING | IMPACT RATING | WATER PENETRATION RATING |
| OUTSWING | +/-55 PSF | WIND ZONE 4 MISSILE LEVEL D | YES (Note 1) |
| INSWING | +/-55 PSF | WIND ZONE 4 MISSILE LEVEL D | NONE (Note 2) |

WATER PENETRATION TESTING NOTES

1) OUTSWING CONFIGURATION TESTED FOR WATER PENETRATION IN ACCORDANCE WITH ASTM E547. THEREFORE, INSTALLATION APPROVED FOR ALL LOCATIONS WHERE WATER PENETRATION RESISTANCE IS REQUIRED.

2) INSWING CONFIGURATION NOT TESTED FOR WATER PENETRATION IN ACCORDANCE WITH ASTM E547. THEREFORE, INSTALLATION APPROVED ONLY FOR LOCATIONS WHERE WATER PENETRATION RESISTANCE IS NOT REQUIRED OR WHERE A OVERHANG MEETING THE REQUIREMENTS OF THE FBC HAVE BEEN MET. SEE BELOW FOR OVERHANG REQUIREMENTS.

In accordance with 8th Edition (2023) Florida Building Code Section 1709.5.2, Exception 1 & 2 & 8th Edition (2023) Florida Residential Code Section R609.3, Exception 1 & 2.
 Door assemblies may be installed where the overhang (OH) ratio is equal to or more than 1 need not be tested for water infiltration.
 The overhang ratio shall be calculated by the following equation:
 OH ratio = OH Length/OH Height
 where:
 OH Length = The horizontal measure of how far an overhang over a door projects out from the door's surface.
 OH Height = The vertical measure of the distance from the door's sill to the bottom of the overhang over a door.

| DRAWING SHEET INDEX | |
|---------------------|--|
| SHEET | DESCRIPTION |
| 1 | GENERAL AND INSTALLATION NOTES |
| 2 | ELEVATION AND ANCHOR LAYOUT |
| 3 | ADDITIONAL APPROVED CONFIGURATIONS |
| 4 | OUTSWING INSTALLATION - VERTICAL SECTIONS |
| 5 | INSWING INSTALLATION - VERTICAL SECTIONS |
| 6 | OUTSWING INSTALLATION - HORIZONTAL SECTIONS - GLAZING DETAIL |
| 7 | INSWING INSTALLATION - HORIZONTAL SECTIONS - GLAZING DETAIL |

NEW ERRA DOORS CORP, dba CUSTOM DOOR & MILLWORK
 2787 N. AIRPORT RD., UNIT NO. 410
 FORT MYERS, FLORIDA 33907

PTC

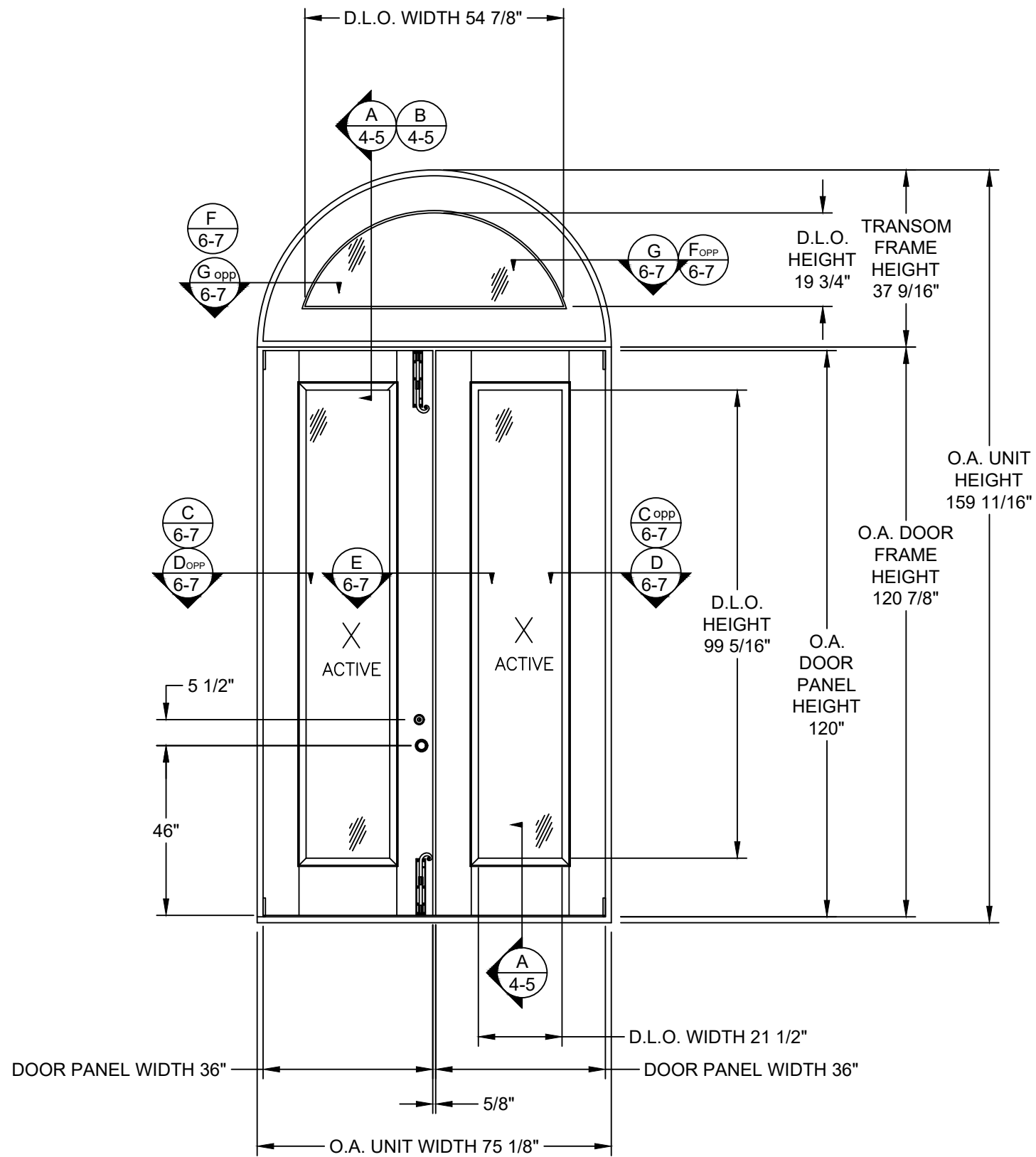
PTC PRODUCT DESIGN GROUP, LLC
 PO BOX 520775
 LONGWOOD, FLORIDA 32752
 FBPE C.A. NO. 25535
 Phone: 321.690.1788
 Fax: 321.690.1789
 Email: info@ptc-corp.com

TITLE: IMPACT DOUBLE GLAZED DOORS W/TRANSOM, O/S & I/S
 GENERAL AND INSTALLATION NOTES

PREPARED BY: BB
 DRAWN BY: N.T.S.
 DATE: 09/25/08
 SCALE: CDM0003
 REV: E
 SHEET: 1 OF 7

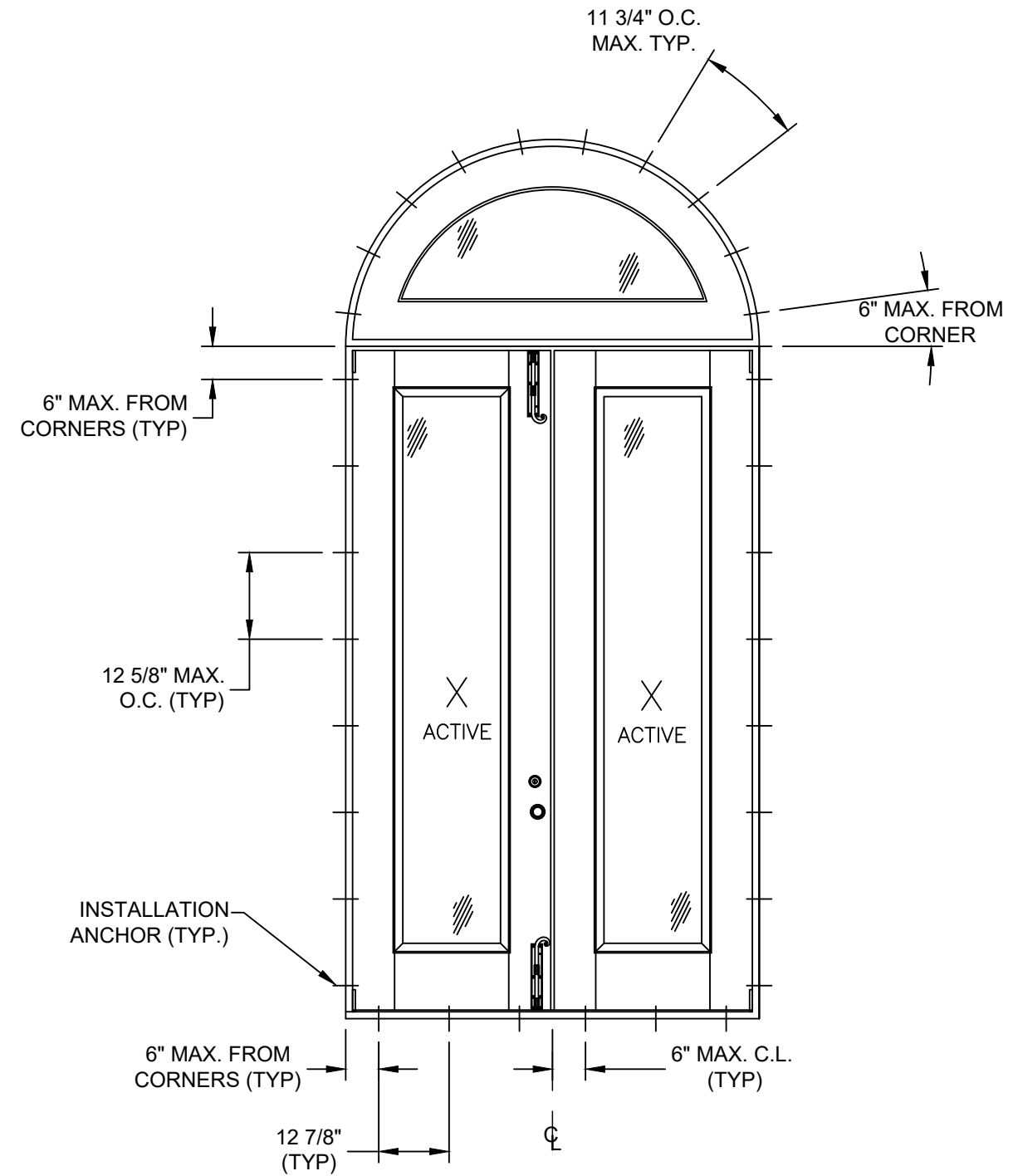
Robert J. Amoruso, P.E.
 FL P.E. No. 49752

| | | | |
|-------------------|----------------------------------|----------|-----|
| PROJECT #422-0604 | | | |
| E | UPDATE TO 8TH EDITION (2023) FBC | 6/12/23 | RJA |
| D | UPDATE TO 7TH EDITION (2020) FBC | 01/24/21 | RJA |
| REV | DESCRIPTION | DATE | BY |



ELEVATION
DOUBLE DOOR W/ TRANSOM
INTERIOR VIEW

OUTSWING ELEVATION SHOWN
INSWING SIMILAR



ANCHOR LAYOUT
DOUBLE DOOR W/ TRANSOM
INTERIOR VIEW

PROJECT #422-0604

| | | | |
|-----|----------------------------------|----------|-----|
| REV | DESCRIPTION | DATE | BY |
| E | UPDATE TO 8TH EDITION (2023) FBC | 6/12/23 | RJA |
| D | UPDATE TO 7TH EDITION (2020) FBC | 01/24/21 | RJA |

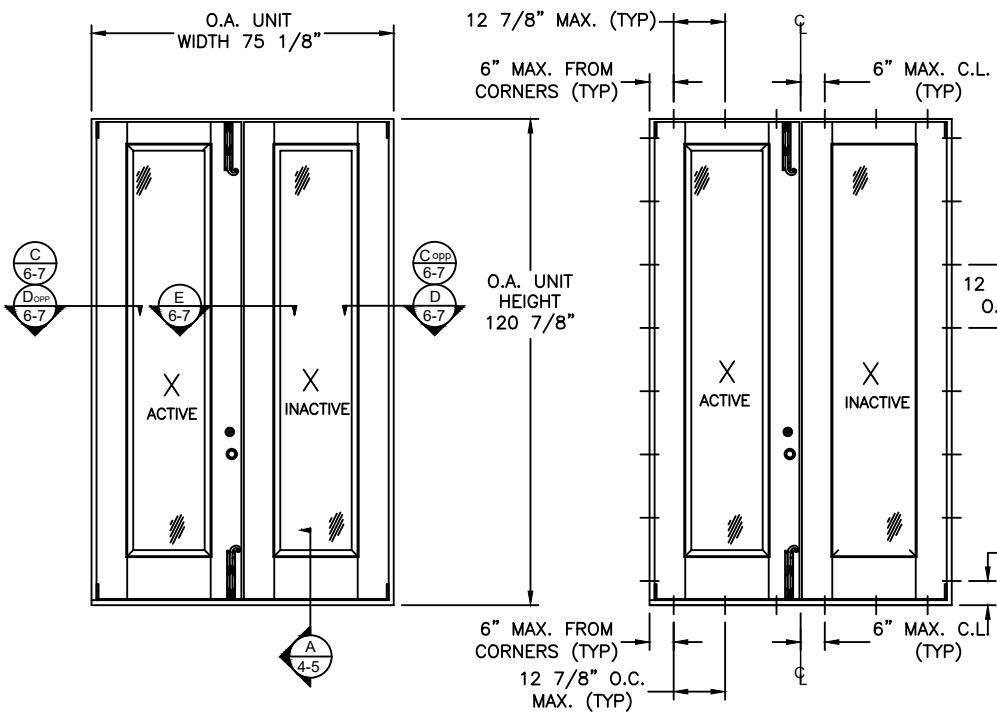
NEW ERRA DOORS CORP, dba CUSTOM DOOR & MILLWORK
2787 N. AIRPORT RD., UNIT NO. 410
FORT MYERS, FLORIDA 33907

TITLE: IMPACT DOUBLE GLAZED DOORS W/TRANSOM, O/S & I/S ELEVATION AND ANCHOR LAYOUT

| | |
|--------------|----------|
| DATE: | 09/25/08 |
| DRAWING NO.: | CDM0003 |
| SHEET: | 2 OF 7 |
| DRAWN BY: | BB |
| SCALE: | N.T.S. |
| REV: | E |

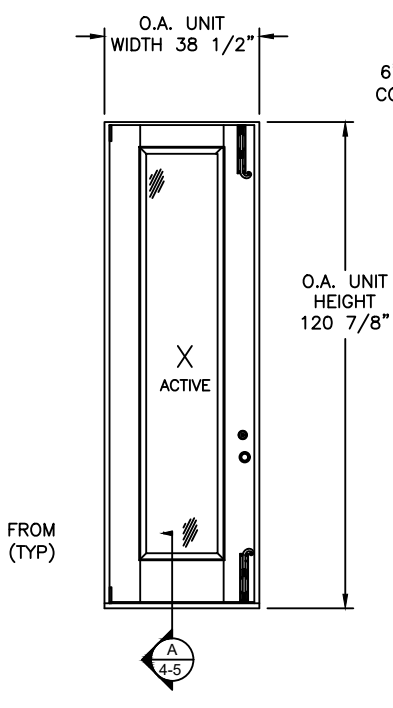
PTC PRODUCT DESIGN GROUP, LLC
PO BOX 520775
LONG BEACH, CA 90805
Phone: 321.690.1788
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Email: info@ptc-corp.com

Robert J. Amoruso, P.E.
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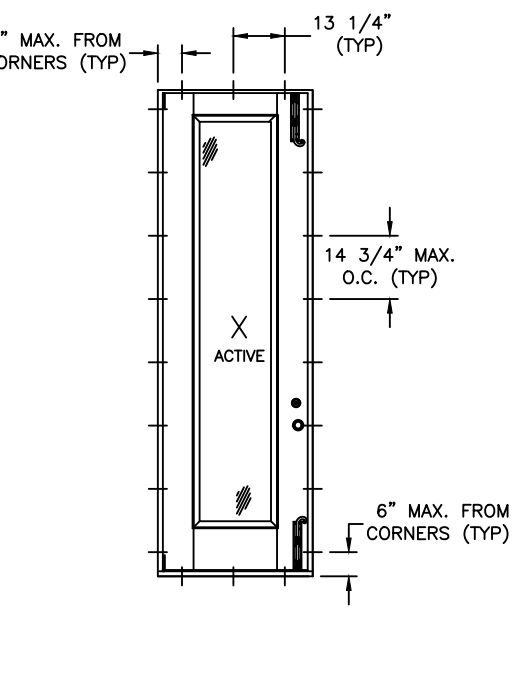


ELEVATION
DOUBLE DOORS W/ O TRANSOM
INTERIOR VIEW

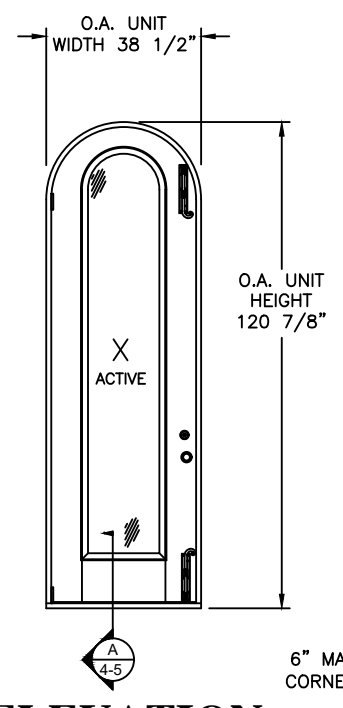
ANCHOR LAYOUT
DOUBLE DOORS W/ O TRANSOM
INTERIOR VIEW



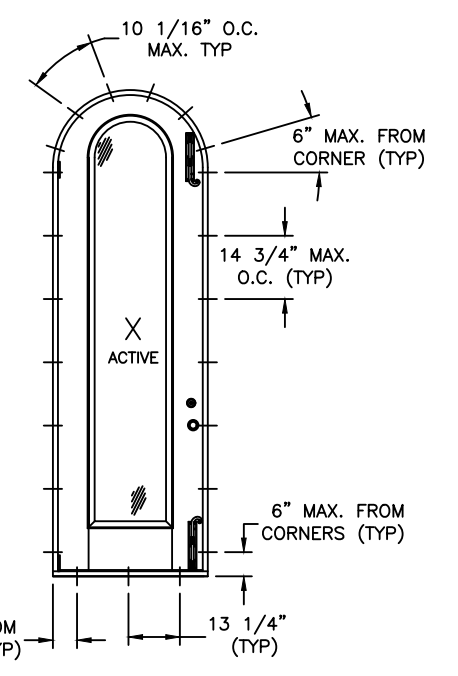
ELEVATION
SINGLE DOOR W/ O TRANSOM
INTERIOR VIEW



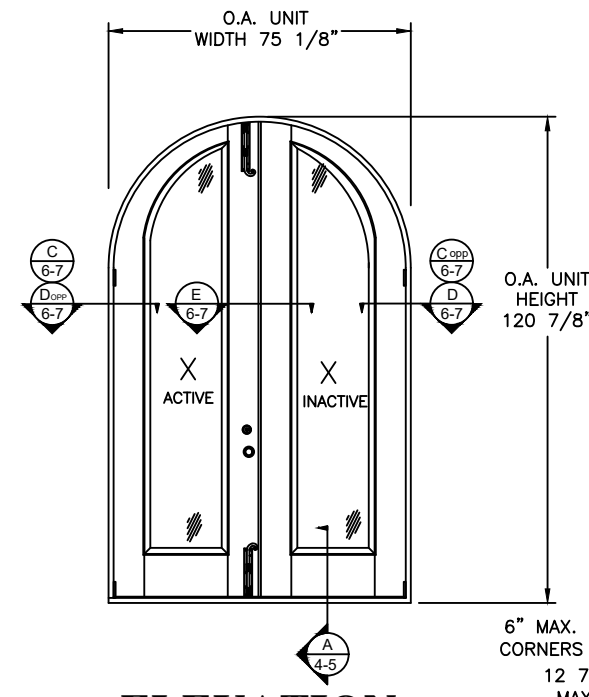
ANCHOR LAYOUT
SINGLE DOOR W/ O TRANSOM
INTERIOR VIEW



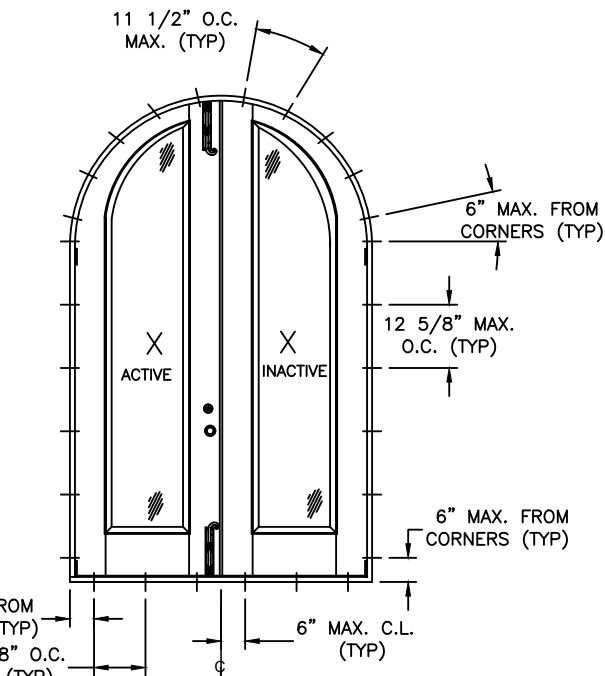
ELEVATION
SINGLE ARCH TOP DOOR W/ O TRANSOM
INTERIOR VIEW



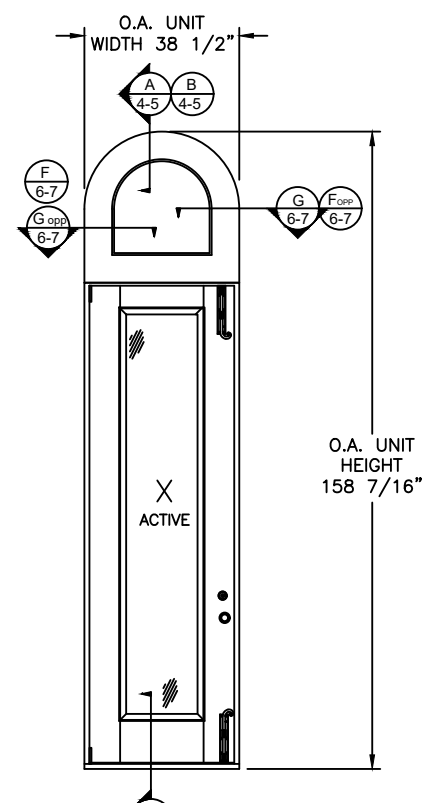
ANCHOR LAYOUT
SINGLE ARCH TOP DOOR W/ O TRANSOM
INTERIOR VIEW



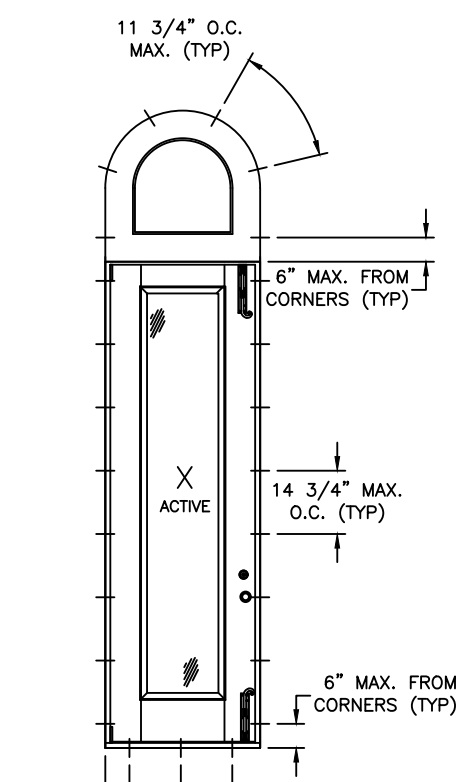
ELEVATION
DOUBLE ARCH TOP DOORS W/ OUT TRANSOM
INTERIOR VIEW



ANCHOR LAYOUT
DOUBLE ARCH TOP DOORS W/ OUT TRANSOM
INTERIOR VIEW



ELEVATION
SINGLE DOOR W/ TRANSOM
INTERIOR VIEW



ANCHOR LAYOUT
SINGLE DOORS W/ TRANSOM
INTERIOR VIEW

PROJECT #422-0604

| | | |
|----------|----------------------------------|-----|
| DATE | DESCRIPTION | BY |
| 6/12/23 | UPDATE TO 8TH EDITION (2023) FBC | RJA |
| 01/24/21 | UPDATE TO 7TH EDITION (2020) FBC | RJA |

NEW ERA DOORS CORP, dba CUSTOM DOOR & MILLWORK
2787 N. AIRPORT RD., UNIT NO. 410
FORT MYERS, FLORIDA 33907

**TITLE: IMPACT DOUBLE GLAZED DOORS W/TRANSOM, O/S & I/S
ADDITIONAL APPROVED CONFIGURATIONS**

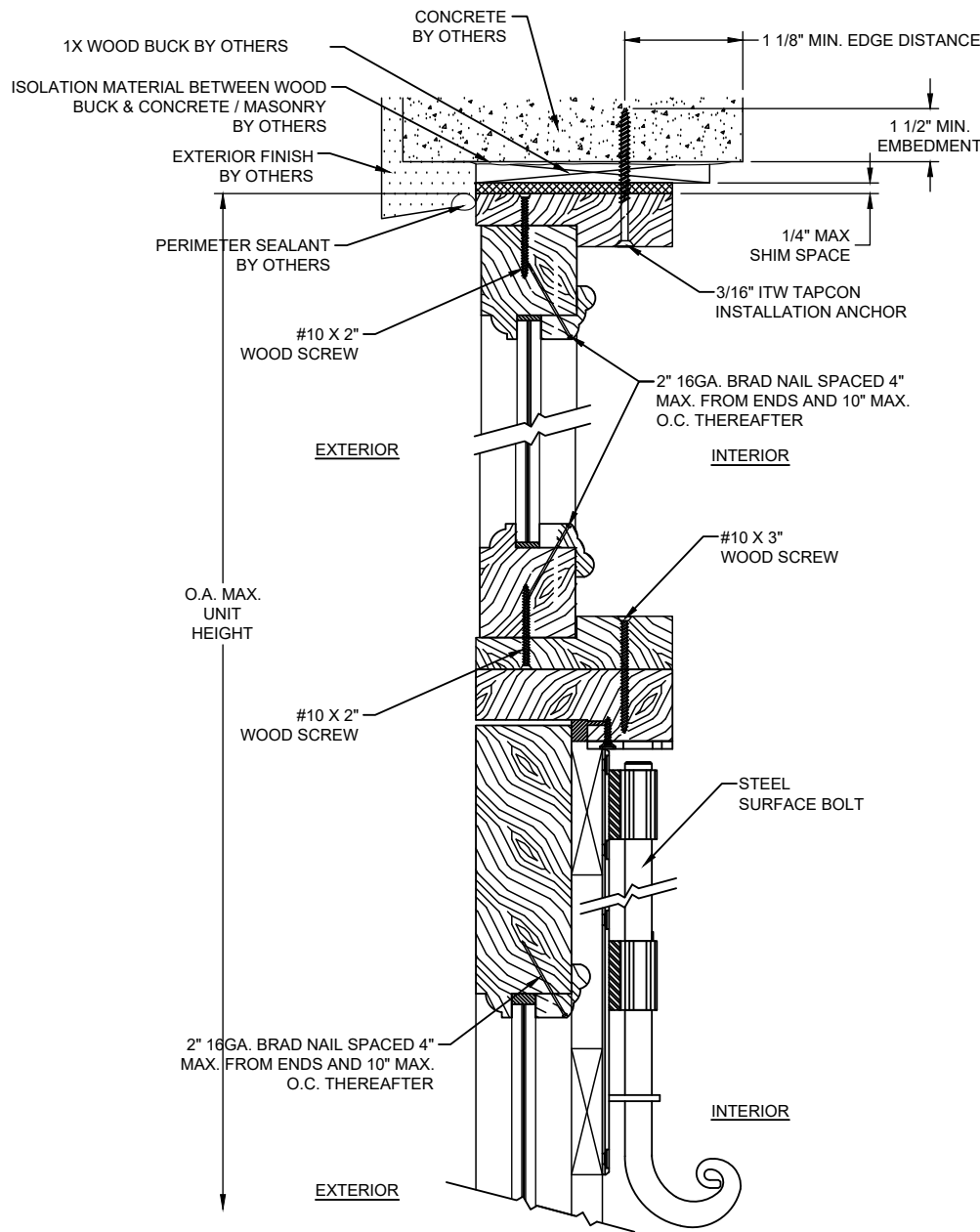
PREPARED BY: BB
SCALE: N.T.S.
REV: E

DATE: 09/25/08
DRAWING NO: CDM0003
SHEET: 3 OF 7

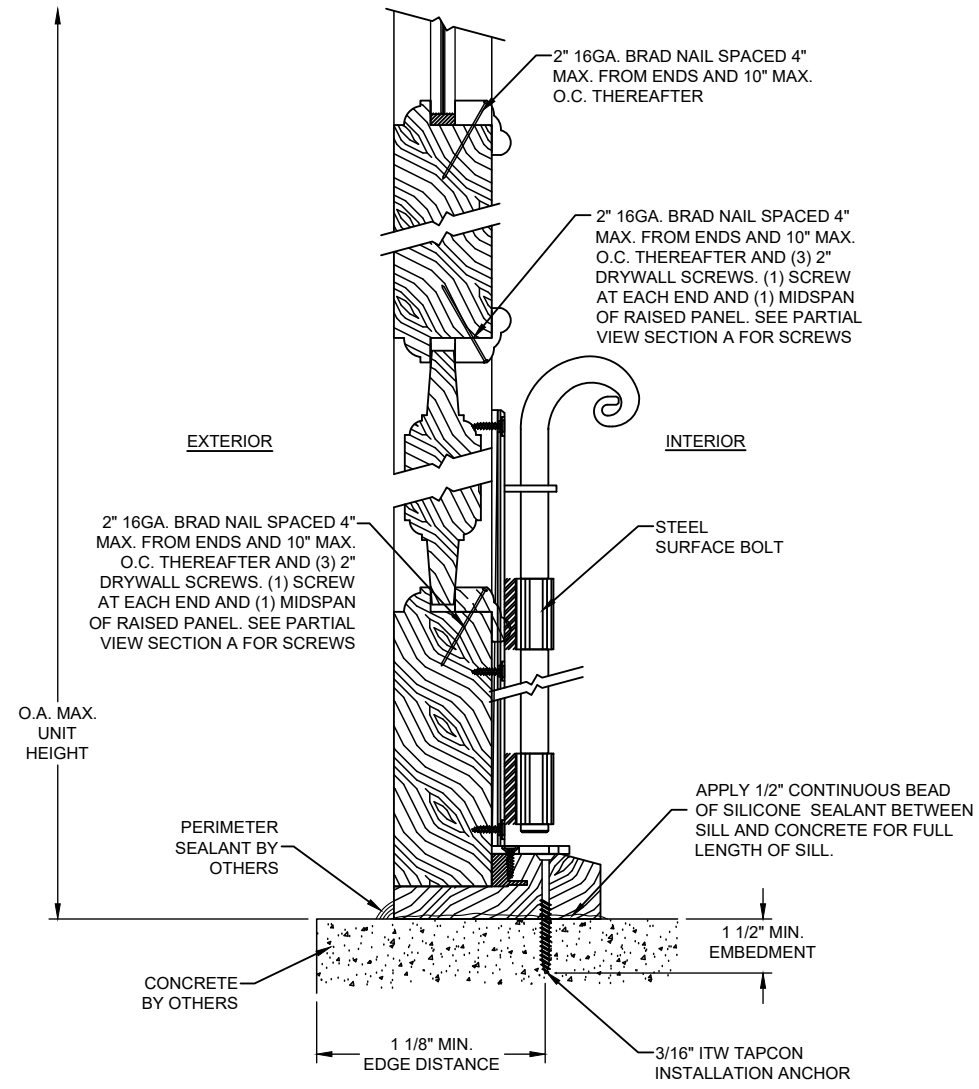
PTC PRODUCT DESIGN GROUP, LLC
PO BOX 520775
LONG BEACH, CA 90805
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptc-corp.com

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

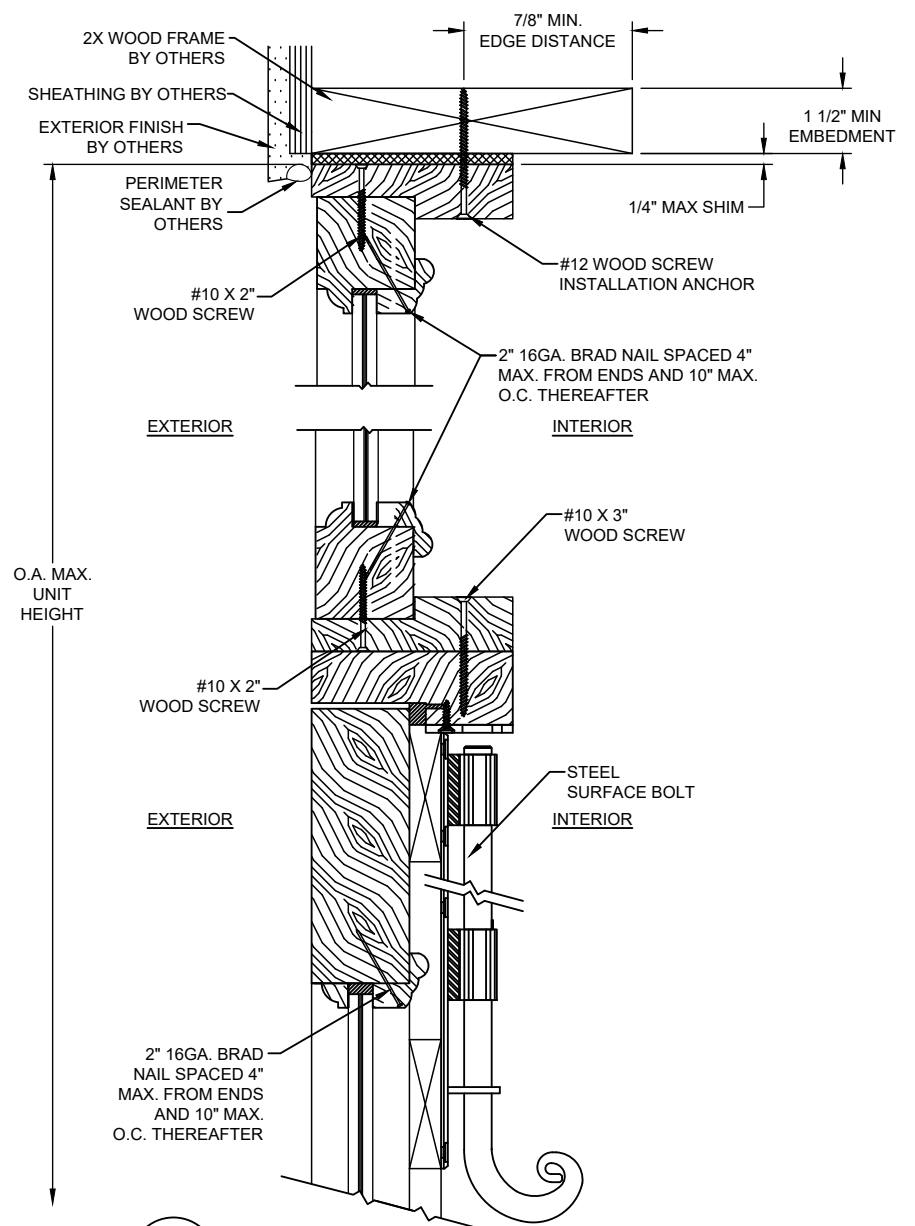
OUTSWING INSTALLATION VERTICAL SECTION VIEWS



A VERTICAL SECTION
CONCRETE / MASONRY SUBSTRATE



A VERTICAL SECTION
CONCRETE / MASONRY SUBSTRATE



B VERTICAL SECTION
WOOD FRAME SUBSTRATE

| | | | |
|----------------------------------|----------|------|-----|
| PROJECT #422-0604 | | DATE | BY |
| UPDATE TO 8TH EDITION (2023) FBC | 6/12/23 | RJA | RJA |
| UPDATE TO 7TH EDITION (2020) FBC | 01/24/21 | RJA | RJA |
| DESCRIPTION | REV | DATE | BY |

NEW ERRA DOORS CORP, dba CUSTOM DOOR & MILLWORK
2787 N. AIRPORT RD., UNIT NO. 410
FORT MYERS, FLORIDA 33907

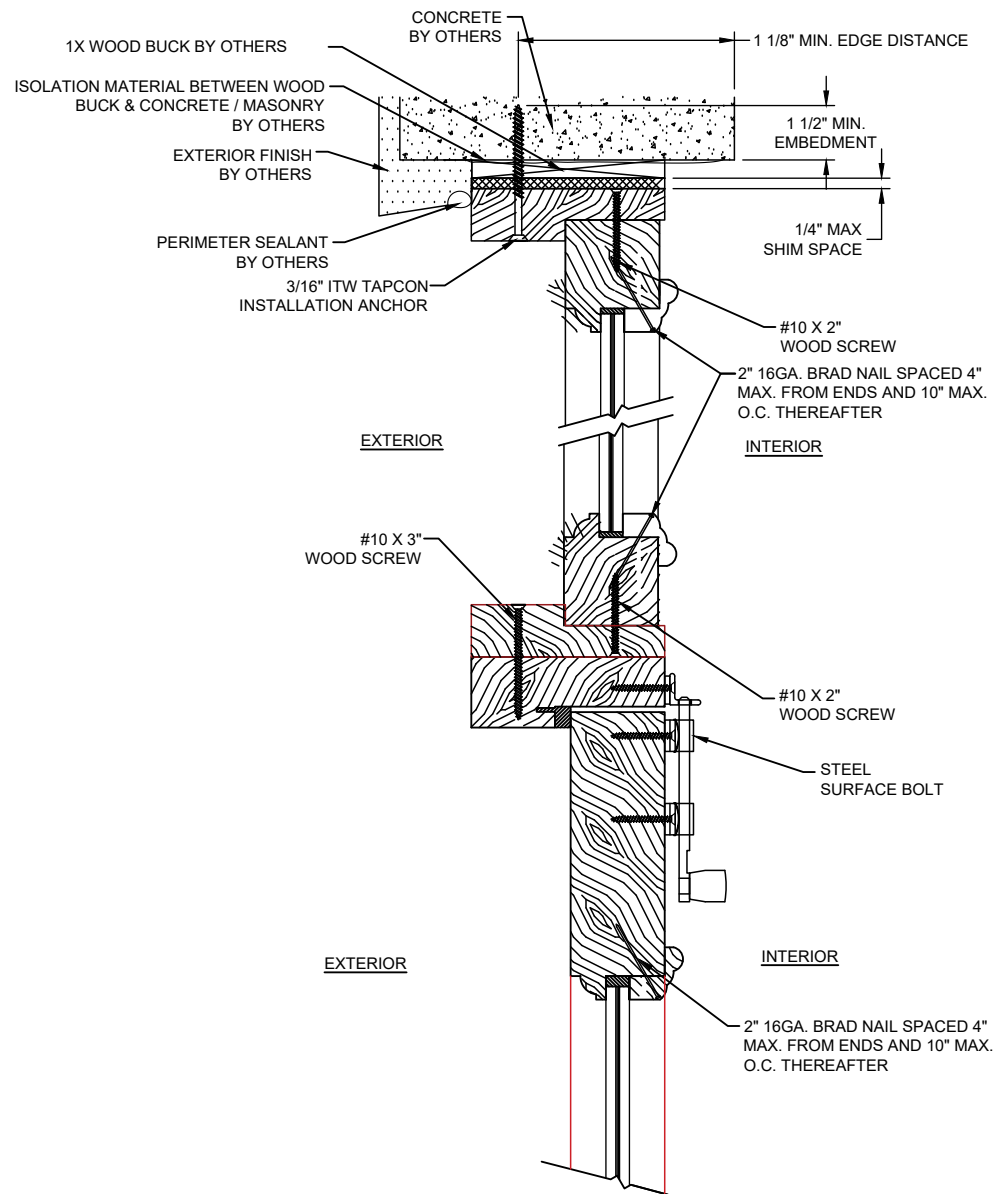
TITLE: IMPACT DOUBLE GLAZED DOORS W/TRANSOM O/S & I/S
OUTSWING INSTALLATION - VERTICAL SECTIONS

PREPARED BY: BB
DRAWN BY: BB
SCALE: N.T.S.
DATE: 09/25/08
DRAWING NO: CDM0003
SHEET: 4 OF 7

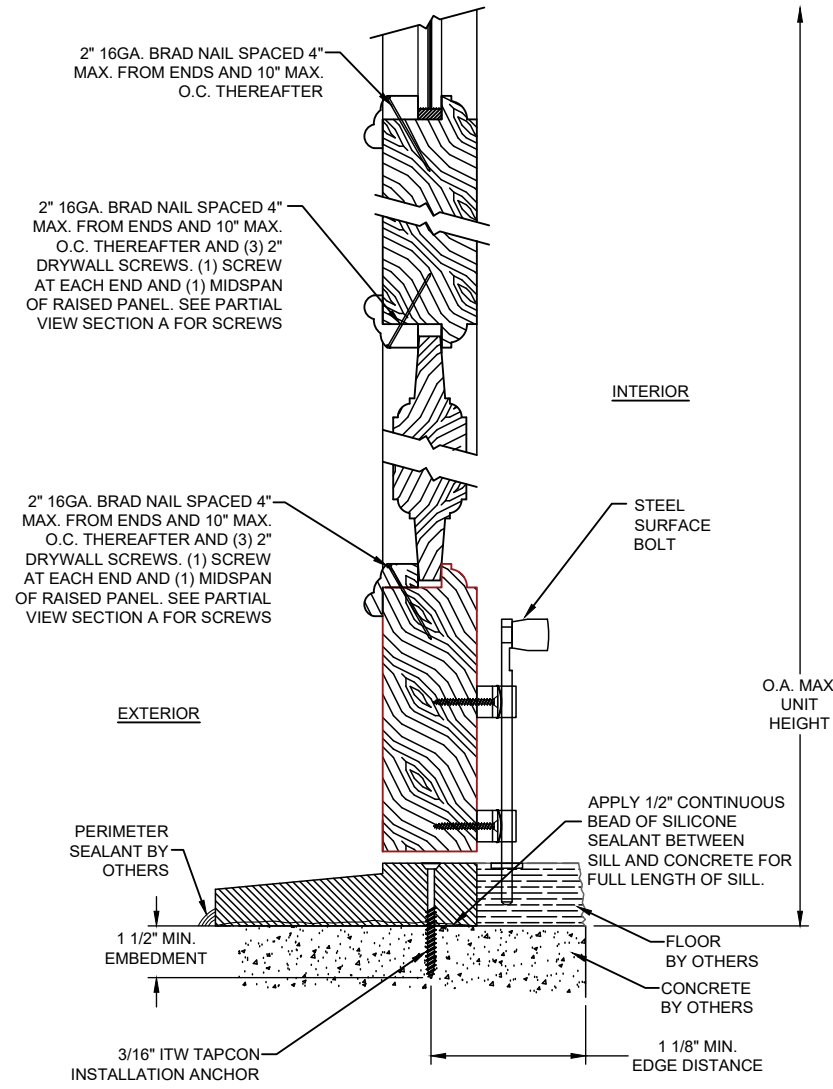
PTC PRODUCT DESIGN GROUP, LLC
PO BOX 520775
LONGWOOD, FLORIDA 32752
Phone: 321.660.1788
Fax: 321.660.1789
Email: info@pdc-corp.com

Robert J. Amoruso, P.E.
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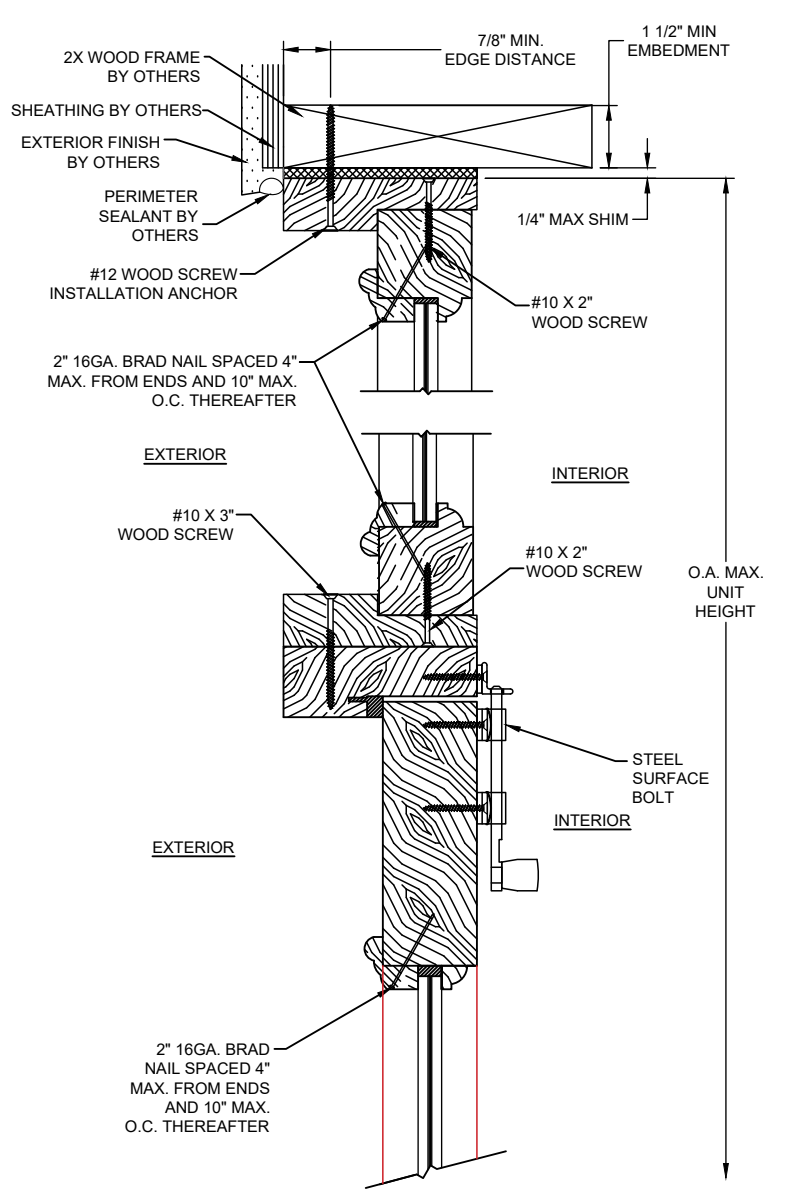
INSWING INSTALLATION VERTICAL SECTION VIEWS



A VERTICAL SECTION
CONCRETE / MASONRY SUBSTRATE



A VERTICAL SECTION
CONCRETE / MASONRY SUBSTRATE

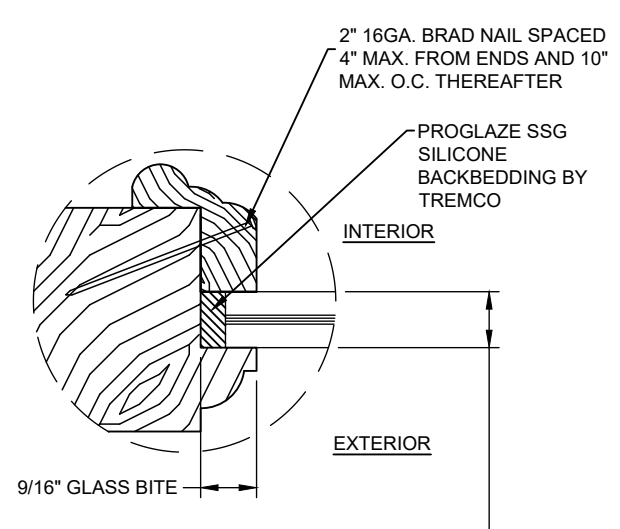
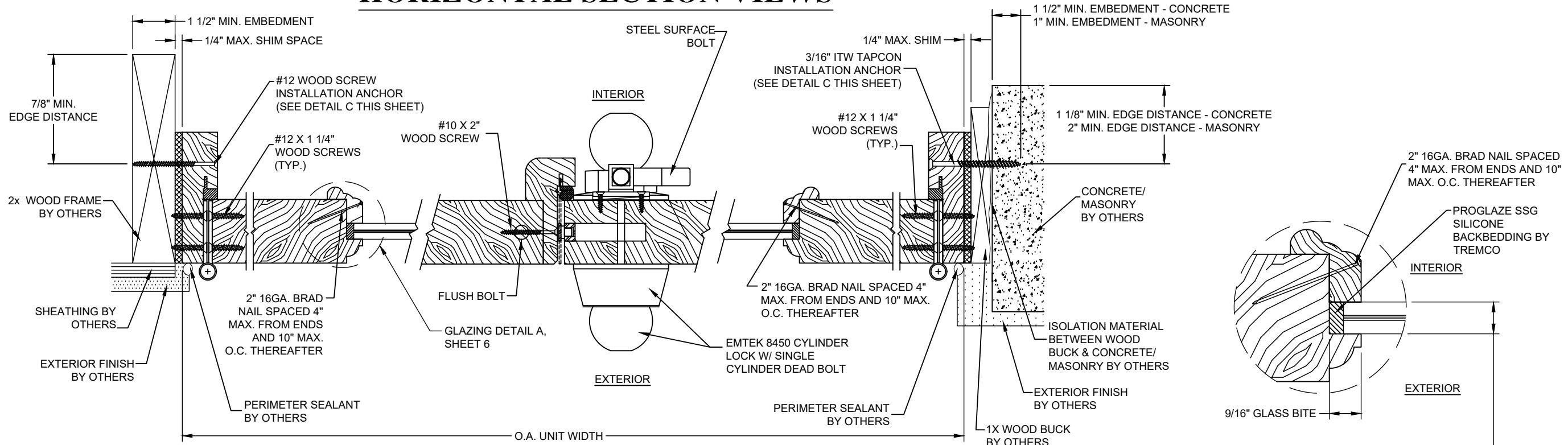


B VERTICAL SECTION
WOOD FRAME SUBSTRATE

| | | | | | |
|---|----------------------------------|-----------|----------------------------------|--------|--------|
| PROJECT #422-0604 | | RJA | 6/12/23 | RJA | BY |
| E | UPDATE TO 8TH EDITION (2023) FBC | D | UPDATE TO 7TH EDITION (2020) FBC | REV | DATE |
| DESCRIPTION | | | | | |
| NEW ERRA DOORS CORP, dba CUSTOM DOOR & MILLWORK 2787 N. AIRPORT RD., UNIT NO. 410 FORT MYERS, FLORIDA 33907 | | DATE: | 09/25/08 | | |
| TITLE: IMPACT DOUBLE GLAZED DOORS W/TRANSOM, O/S & I/S INSWING INSTALLATION - VERTICAL SECTIONS | | DRAWN BY: | BB | | |
| PREPARED BY: | | SCALE: | N.T.S. | | |
| PTC-PRODUCT DESIGN GROUP, LLC PO BOX 520775 LONGWOOD, FLORIDA 32752 Phone: 321.690.1788 Fax: 321.690.1789 Email: info@ptc-corp.com | | REV: | E | SHEET: | 5 OF 7 |

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

OUTSWING INSTALLATION HORIZONTAL SECTION VIEWS

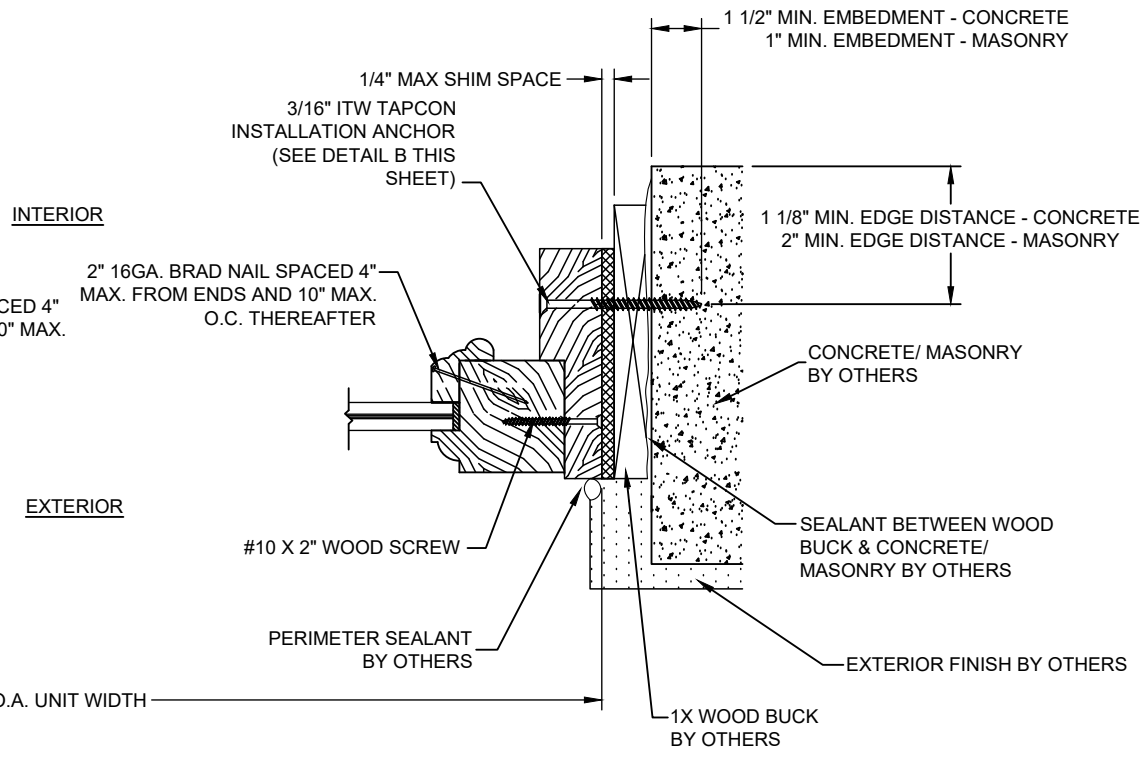
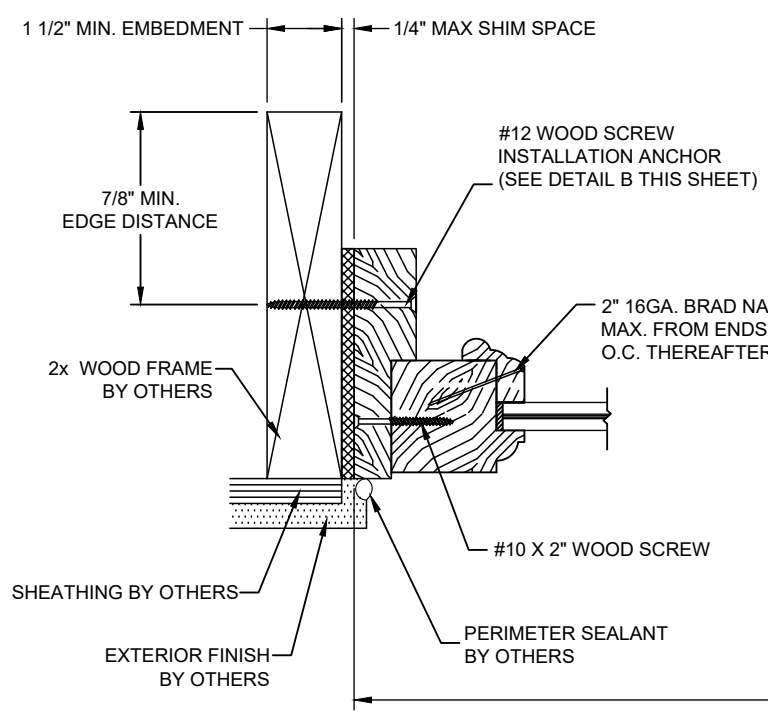


9/16" O.A. LAMINATED GLASS CONSISTING OF:
1/4" TEMPERED GLASS, 0.100" PVB
LAMINATE BY UVEKOL, 1/4" HEAT STRENGTHENED GLASS

C HORIZONTAL SECTION
WOOD FRAME SUBSTRATE

E HORIZONTAL SECTION
ASTRAGAL

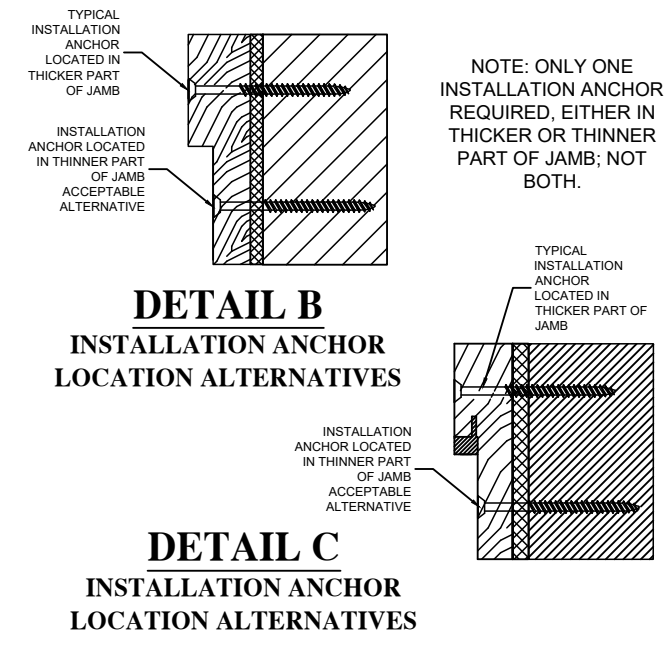
D HORIZONTAL SECTION
CONCRETE / MASONRY SUBSTRATE



F HORIZONTAL SECTION
WOOD FRAME SUBSTRATE

G HORIZONTAL SECTION
CONCRETE / MASONRY SUBSTRATE

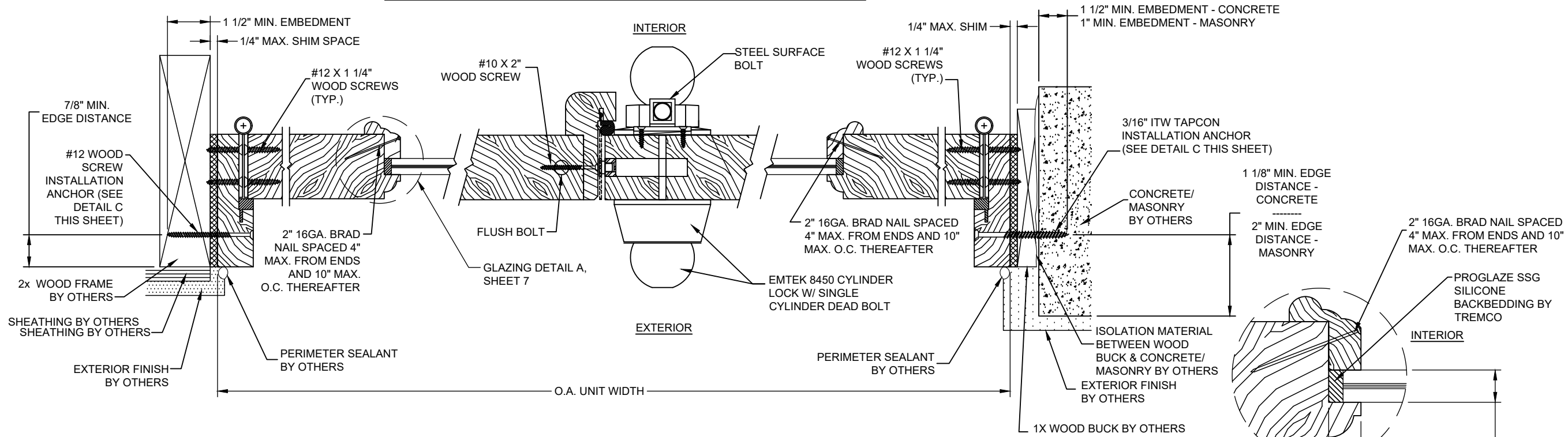
GLAZING DETAIL A



| | | | | | |
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| PROJECT #422-0604 | | RJA | 6/12/23 | RJA | BY |
| E | UPDATE TO 8TH EDITION (2023) / FBC | D | UPDATE TO 7TH EDITION (2020) / FBC | DESCRIPTION | DATE |
| NEW ERRA DOORS CORP, dba CUSTOM DOOR & MILLWORK 2787 N. AIRPORT RD., UNIT NO. 410 FORT MYERS, FLORIDA 33907 | | DATE: | 09/25/08 | DRAWING NO.: | CDM0003 |
| TITLE: IMPACT DOUBLE GLAZED DOORS W/TRANSOM, OIS & I/S OUTSWING INSTALLATION - HORIZONTAL SECTIONS / GLAZING DETAIL | | DRAWN BY: | BB | SCALE: | N.T.S. |
| PREPARED BY: | | REV: | E | SHEET: | 6 OF 7 |
| PTC PRODUCT DESIGN GROUP, LLC PO BOX 520775 LONGWOOD, FLORIDA 32752 FBPE.C.A. NO. 25835 | | Phone: 321.690.1788 Fax: 321.690.1789 Email: info@ptc-corp.com | | | |

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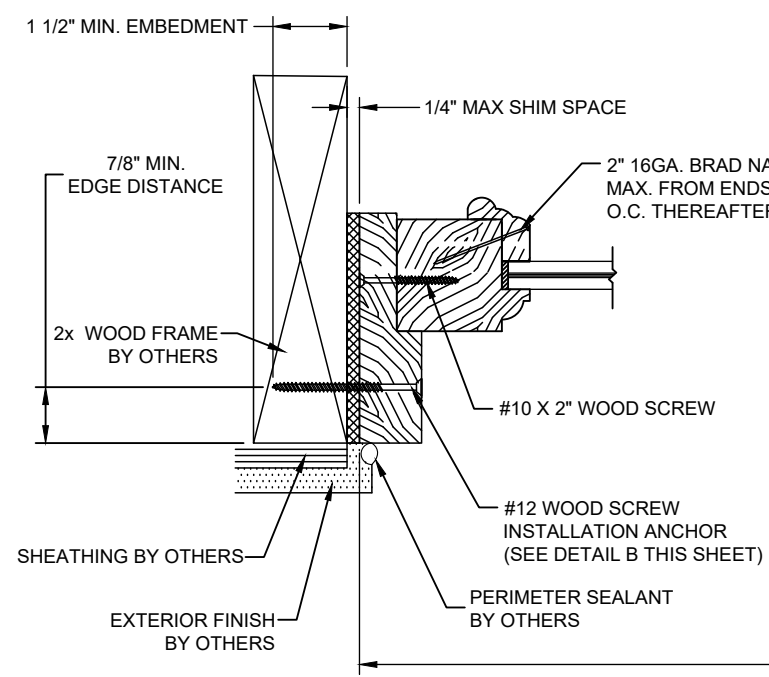
INSWING INSTALLATION HORIZONTAL SECTION VIEWS



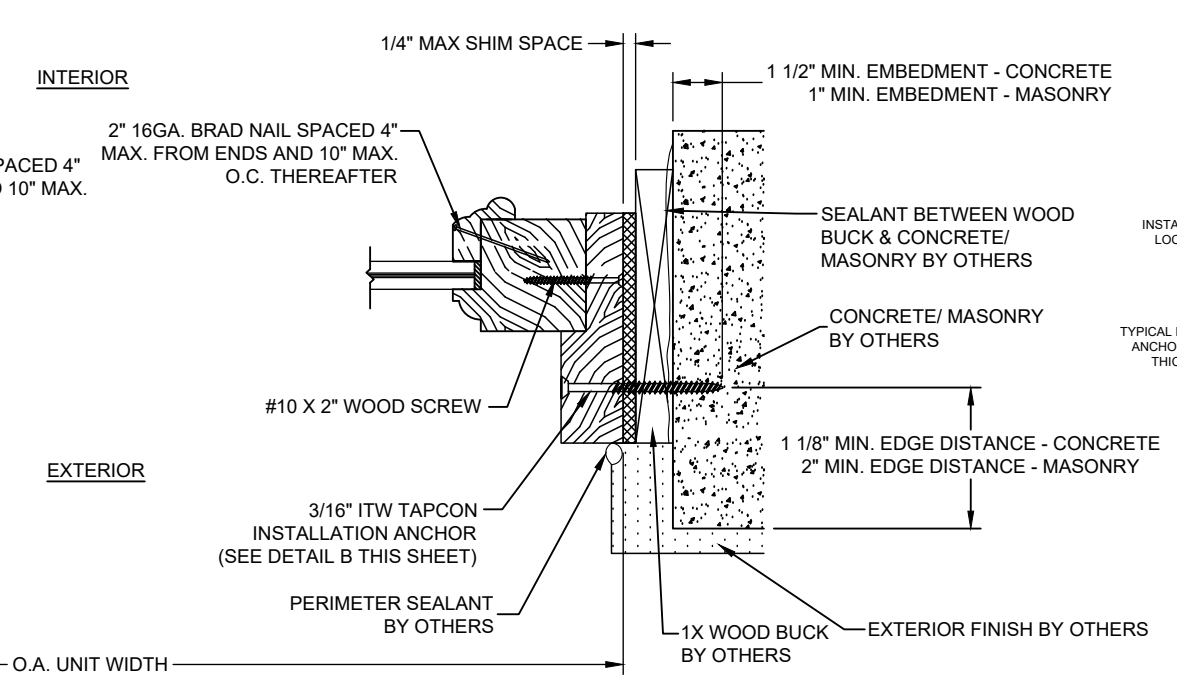
C HORIZONTAL SECTION
WOOD FRAME SUBSTRATE

E HORIZONTAL SECTION
ASTRAGAL

D HORIZONTAL SECTION
CONCRETE / MASONRY SUBSTRATE



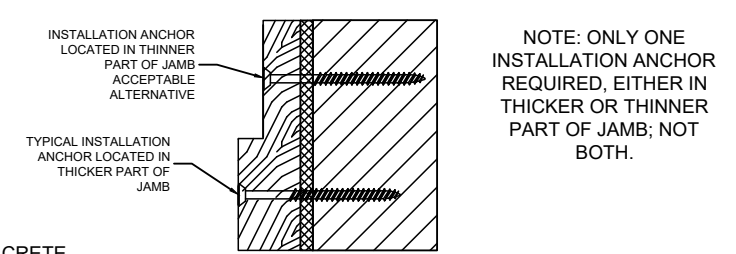
F HORIZONTAL SECTION
WOOD FRAME SUBSTRATE



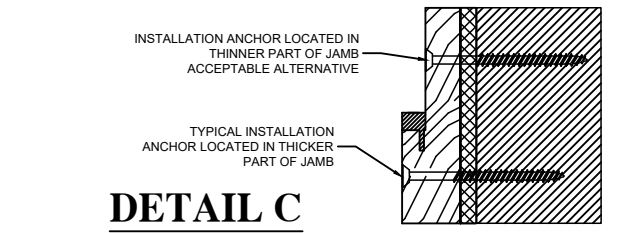
G HORIZONTAL SECTION
CONCRETE / MASONRY SUBSTRATE

9/16" O.A. LAMINATED GLASS CONSISTING OF:
1/4" TEMPERED GLASS, 0.100" PVB
LAMINATE BY UVEKOL, 1/4" HEAT STRENGTHENED GLASS

GLAZING DETAIL A



DETAIL C



| | | | |
|---|----------|--|----------------------|
| PROJECT #422-0604 | | DATE | BY |
| | | 6/12/23 | RJA |
| DESCRIPTION | REVISION | DATE | BY |
| UPDATE TO 8TH EDITION (2023) / FBC | E | 01/24/21 | RJA |
| UPDATE TO 7TH EDITION (2020) / FBC | D | | |
| NEW ERRA DOORS CORP, dba CUSTOM DOOR & MILLWORK 2787 N. AIRPORT RD., UNIT NO. 410 FORT MYERS, FLORIDA 33907 | | DRAWN BY: BB | DATE: 09/25/08 |
| TITLE: IMPACT DOUBLE GLAZED DOORS W/TRANSOM, O/S & I/S INSWING INSTALLATION - HORIZONTAL SECTIONS / GLAZING DETAIL | | SCALE: N.T.S. | DRAWING NO.: CDM0003 |
| PREPARED BY: PFC | | REV: E | SHEET: 7 OF 7 |
| PTC PRODUCT DESIGN GROUP, LLC PO BOX 520775 LONGWOOD, FLORIDA 32752 FBPE C.A. NO. 25835 | | Phone: 321.690.1788 Fax: 321.690.1789 Email: info@pfc-corp.com | |

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