



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

MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Vintage Ironworks, LLC
671 Newbury Port Ave.,
Altamonte Spring, FL 32701

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 Outswing Glazed Steel Doors w/ wo Transoms and /or Sidelites – L.M.I.

APPROVAL DOCUMENT: Drawing No. **VIN0001 Rev K**, titled series “Steel Outswing Doors w/ & w/o Sidelights & Transoms”, sheets 01 through 15 of 15, dated 07/22/08 and last revised on 11/06/23, prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, P. E., bearing the Miami-Dade County Product Control Section Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

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

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

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

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

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

This NOA **revises NOA No. 21-0224.04** and consists of page 1 and evidence pages E-1, E-2, E-3, E-4 and E-5, as well as approval document mentioned above.

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



Ishaq I. Chanda

01/11/24

NOA No. 23-1129.01
Expiration Date: April 15, 2025
Approval Date: January 11, 2024
Page 1

Vintage Ironworks, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous approvals

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **VIN0001**, titled series "Steel Outswing Doors w/ & w/o Sidelights & Transoms", sheets 01 through 15 of 15, dated 07/22/08 with revision "**F**" dated 04/13/14, prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, P. E.

B. TESTS (*Submitted under previous NOA No. 08-0807.21*)

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per SFBC, PA 203-94
6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94

along with marked-up drawings and installation diagram of Steel Outswing Doors w/ & w/o Sidelights & Transoms, prepared by National Certified Testing Laboratories, Inc., Test Report No. **NCTL 210-3485-1**, dated 12/04/07, signed and sealed by Gerard J. Ferrara, P. E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2004/ 2007, prepared by PTC, LLC, dated 07/15/08, signed and sealed by Paul E. Winter, P. E.
(*Submitted under previous NOA No. 08-0807.21*)
2. Glazing complies with ASTM E 1300-02/98.

D. QUALITY ASSURANCE

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

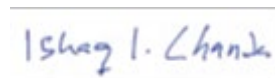
E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **12-1231.09** issued to **Eastman Chemical Company (MA)** for their "**Saflex HP Clear or Color Glass Interlayers**" dated 03/28/13, expiring on 04/14/18.

F. STATEMENTS

1. Statement letter of no financial interest, conformance to and complying with **FBC 5th Edition (2014)**, issued by PTC, LLC, dated 04/13/14, prepared, signed and sealed by Robert J. Amoruso, P. E.
2. Statement letter of no financial interest, conformance to and complying with **FBC-2010**, issued by PTC, LLC, dated 05/10/12, prepared, signed & sealed by Robert J. Amoruso, P. E.
3. Test Proposal issued by the Product Control Section, dated 09/04/07, signed by Ishaq Chanda, P. E.

4. Lab compliance letter, part of the above referenced test report.



Ishaq I. Chanda, P. E.
Product Control Unit Supervisor
NOA No. 23-1129.01
Expiration Date: April 15, 2025
Approval Date: January 11, 2024

Vintage Ironworks, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

G. OTHERS

1. Notice of Acceptance No. **12-0604.02**, issued to Vintage Ironworks, LLC for their Series “**Steel Outswing Doors with & without Sidelights & Transoms – L.M.I.**”, approved on 08/02/12 and expiring on 04/15/14.

2. Evidence submitted under previous approval

A. DRAWINGS

1. Drawing No. **VIN0001 Rev G**, titled series “Steel Outswing Doors w/ & w/o Sidelights & Transoms”, sheets 01 through 15 of 15, dated 07/22/08 and last revised on 06/23/19, prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, P. E.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS


1. Notice of Acceptance No. **18-0301.05** issued to **Eastman Chemical Company (MA)** (former Solutia, Inc.) for their “**Saflex HP Clear or Color Glass Interlayers**”, expiring on 04/14/23.

F. STATEMENTS

1. Statement letter of to complying with **FBC 6th Edition (2017)** and “no financial interest, issued by PTC, LLC, dated 06/25/19, signed and sealed by Robert J. Amoruso, P. E.
2. Statement letter from Vantage Ironworks, LLC dated April 5th, 2019 requesting 1-year renewal, due to on-going verification test at NCTL lab, signed by William J. Walters III, President.

G. OTHERS

1. This NOA **renews & revises NOA No. 14-0421.02**, expiring 04/15/2020.



Ishaq I. Chanda, P. E.
Product Control Unit Supervisor
NOA No. 23-1129.01
Expiration Date: April 15, 2025
Approval Date: January 11, 2024

Vintage Ironworks, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. Evidence submitted under previous approval

A. DRAWINGS

1. Drawing No. **VIN0001 Rev H**, titled series “Steel Outswing Doors w/ & w/o Sidelights & Transoms”, sheets 01 through 15 of 15, dated 07/22/08 and last revised on 04/14/2020, prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, P. E.
(Note: This renewal is without any change, except address change)

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **18–0301.05** issued to **Eastman Chemical Company (MA)** (former Solutia, Inc.) for their “**Saflex HP Clear or Color Glass Interlayers**”, expiring on 04/14/23.

F. STATEMENTS

1. Statement letter dated 04/14/20, issued by PTC, LLC for the compliance to **FBC 6th Edition (2017)**, “no financial interest” and “no DWG change other than adress”, signed and sealed by Robert J. Amoruso, P. E.
2. Statement letter dated 04/14 by Vantage Ironworks, LLC requesting renewal without product change, signed by Ms. Brigitte Palumbo, Manager.

G. OTHERS

1. This NOA **revises & renews NOA No. 19-0520.05**, expiring 04/15/2025.



Ishaq I. Chanda, P. E.
Product Control Unit Supervisor
NOA No. 23-1129.01
Expiration Date: April 15, 2025
Approval Date: January 11, 2024

Vintage Ironworks, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. Evidence submitted under previous approval

A. DRAWINGS

1. Drawing No. **VIN0001 Rev J**, titled series “Steel Outswing Doors w/ & w/o Sidelights & Transoms”, sheets 01 through 15 of 15, dated 07/22/08 and last revised on 01/04/2021, prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, P. E.
(Note: This revision is FBC 2020 (7th Edition) update notes only)

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

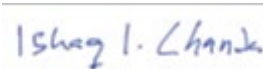
1. Notice of Acceptance No. **18–0301.05** issued to **Eastman Chemical Company (MA)** (former Solutia, Inc.) for their “**Saflex HP Clear or Color Glass Interlayers**”, expiring on 04/14/23.

F. STATEMENTS

1. Statement letter of FBC 2020 (7th Edition) dated 01/04/21, “no financial interest” and “no DWG change other than code update notes”, signed and sealed by Robert J. Amoruso, P. E.

G. OTHERS

1. This NOA revises **NOA No. 20-0417.03**, expiring 04/15/2025.



Ishaq I. Chanda, P. E.
Product Control Unit Supervisor
NOA No. 23-1129.01
Expiration Date: April 15, 2025
Approval Date: January 11, 2024

Vintage Ironworks, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. New Evidence submitted

A. DRAWINGS

1. Drawing No. **VIN0001 Rev K**, titled series “Steel Outswing Doors w/ & w/o Sidelights & Transoms”, sheets 01 through 15 of 15, dated 07/22/08 and last revised on 11/06/2023, prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, P. E.
(Note: This revision is FBC 2023 (8th Edition) update notes only)

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS


1. Notice of Acceptance No. **23-0713.20** issued to **Eastman Chemical Company (MA)** (former Solutia, Inc.) for their “**Saflex HP Clear or Color Glass Interlayers**”, expiring on 04/14/28.

F. STATEMENTS

1. Statement letter of FBC 2023 (8th Edition) dated 11/06/23, “no financial interest” and “no DWG change other than code update notes”, signed and sealed by Robert J. Amoruso, P. E.

G. OTHERS

1. This NOA **revises NOA No. 21-0224.01**, and updates to FBC 2023, expiring 04/15/2025.



Ishaq I. Chanda, P. E.
Product Control Unit Supervisor
NOA No. 23-1129.01
Expiration Date: April 15, 2025
Approval Date: January 11, 2024


VINTAGE IRONWORKS


STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOMS

INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

1. THE PRODUCT ANCHORAGE SHOWN HEREIN IS DESIGNED TO COMPLY WITH THE 7TH EDITION (2020) FLORIDA BUILDING CODE (FBC), INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ) REQUIREMENTS AND AT THE DESIGN PRESSURES STATED HEREIN.
2. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORT NO. NCTL-210-3485-1 DATED 12-04-07, AND ASSOCIATED LABORATORY STAMPED DRAWINGS.
3. THE PRODUCT HAS BEEN EVALUATED FOR CONFORMANCE TO THE STANDARDS LISTED IN THE FLORIDA BUILDING CODE (FBC) AND IS IN COMPLIANCE WITH SAID STANDARDS, INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ) REQUIREMENTS.
4. 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 FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.
5. 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.
6. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, SITE SPECIFIC DOCUMENTS SHALL BE PREPARED FOR USE WITH THIS DOCUMENT.

7. IN HVHZ AREAS, USE OF AN APPROVED IMPACT PROTECTIVE SYSTEM COMPLYING WITH THE HVHZ REQUIREMENTS OF THE FBC IS NOT REQUIRED FOR THE PRODUCT(S) HEREIN.
8. DOOR FRAME AND PANEL MATERIAL: 14 GA. STEEL
9. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-04e1 SEE SHEET 7 FOR GLAZING DETAILS. 
10. DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:
X: OPERABLE PANEL
O: FIXED PANEL
11. A 1/3 INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS NOT USED IN THE DESIGN OF THE PRODUCT(S) SHOWN HEREIN, EXCEPT IN WOOD.


 TABLE OF CONTENTS		
SHEET	REV.	SHEET DESCRIPTION
1	F	GENERAL NOTES, INSTALLATION NOTES & D.P. CHART
2	D	ELEVATION & ANCHOR LAYOUT
3	D	ELEVATION & ANCHOR LAYOUT
4	D	ELEVATION & ANCHOR LAYOUT
5	D	VERTICAL SECTIONS
6	C	VERTICAL AND HORIZONTAL SECTIONS
7	F	HORIZONTAL SECTIONS AND GLAZING DETAILS
8	D	HORIZONTAL SECTIONS
9	-	HORIZONTAL SECTIONS
10	D	VERTICAL SECTIONS
11	C	VERTICAL AND HORIZONTAL SECTIONS
12	C	HORIZONTAL SECTIONS
13	A	QUALIFIED CONFIGURATIONS
14	F	COMPONENTS AND BILL OF MATERIALS
15	D	WELDING SCHEDULE AND DETAILS



INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
3. AT EACH INSTALLATION ANCHOR, SHIM GAPS THAT ARE EQUAL TO OR GREATER THAN 1/16". MAXIMUM ALLOWABLE SHIM SIZE IS 1/4".
4. FOR INSTALLATION INTO WOOD FRAMING, USE #14 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT.
5. FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE / MASONRY, OR DIRECTLY INTO CONCRETE / MASONRY, USE 5/16 INCH ITW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 3/4 INCH MINIMUM EMBEDMENT.
6. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES (INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING).
7. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
8. FOR CONCRETE 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.

9. 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 BELOW.
10. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

A. WOOD - PT SOUTHERN YELLOW PINE - MINIMUM SPECIFIC GRAVITY OF 0.55.

B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 2899 PSI AND COMPLIES WITH ACI 301. 

C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90. 
11. THE STRUCTURAL PERFORMANCE TEST REPORT INDICATES THAT HINGE FRAME SCREWS WERE NOT REPLACED WITH ADDITIONAL INSTALLATION ANCHORS  SCREWS DURING PRODUCT TESTING. HINGE INSTALLATION, USING TESTED HINGE SCREWS, IS QUALIFIED BY SATISFACTORY TEST PERFORMANCE.
12. ALUMINUM IN CONTACT WITH WOOD OR OTHER ABSORBING MATERIALS WHICH MAY BECOME REPEATEDLY WET SHALL BE PAINTED WITH TWO COATS OF ALUMINUM METAL-AND-MASONRY PAINT OR A COAT OF HEAVY-BODIED BITUMINOUS PAINT, OR THE WOOD OR OTHER ABSORBING MATERIAL SHALL BE PAINTED WITH TWO COATS OF ALUMINUM HOUSE PAINT AND THE JOINTS SEALED WITH A GOOD QUALITY CAULKING COMPOUND. WHERE ALUMINUM IS IN CONTACT WITH TREATED WOOD, WOOD SHALL BE TREATED WITH PENTACHLOROPHENOL, 5 PERCENT MINIMUM CONCENTRATION, CREOSOTE, OR ZINC NAPHTHANATE, FOLLOWING THE PROTECTIVE MEASURES OUTLINED ABOVE.
13. ALUMINUM IN CONTACT WITH STEEL SHALL BE PROTECTED AS FOLLOWS:

A. PAINTING DISSIMILAR METALS WITH ZINC-CHROMATE PRIMER AND 2 COATS ALUM METAL-AND -CONCRETE PAINT, EXCLUDING LEAD PIGMENTATION.

B. PAINTING DISSIMILAR METALS WITH HEAVY-BODIED BITUMINOUS PAINT.

C. APPLYING A NONABSORPTIVE TAPE OR GASKET

D. HOT-DIP GALVANIZING OR ZINC-PLATING STEEL MEMBERS AFTER FABRICATION

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 23-1129.01
Expiration Date 04/15/2025
By Ishag I. Chank
Miami-Dade Product Control

DESIGN PRESSURE RATING (PSF)		IMPACT RATING
WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED	LARGE MISSLE IMPACT
±45.0	±80.0	

PROJECT NO. 423-0902

Update to 8th Edition (2023) FBC

Update to 7th Edition (2020) FBC

CHANGED MANUFACTURER'S ADDRESS

K

J

H

REV

10/18/23

1/4/2021

4/14/2020

DATE

VINTAGE IRONWORKS

671 NEWBURYPORT AVE.

ALTAMONTE SPRINGS, FL 32701

TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM

GENERAL NOTES, INSTALLATION NOTES & D.P. CHART

DATE: 07/22/08

DRAWING NO: VIN0001

SCALE: N.T.S.

REV: K

SHEET: 1 OF 15

PREPARED BY:

PTC PRODUCT DESIGN GROUP, LLC

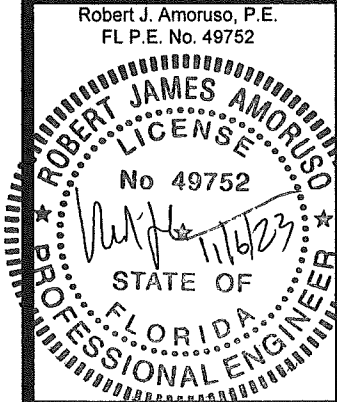
P.O. BOX 520775

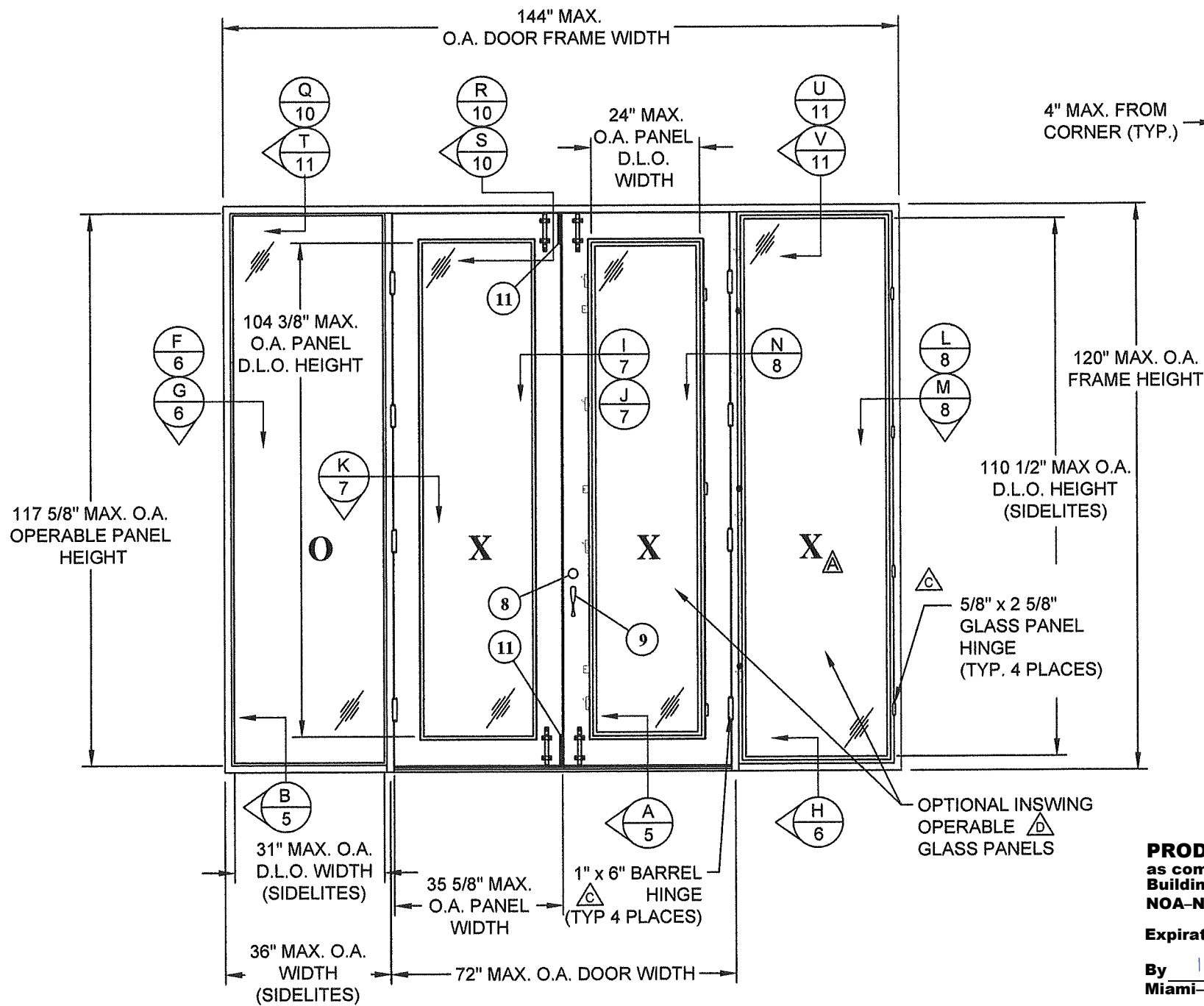
LONGWOOD, FLORIDA 32752

Phone 321.690.1788


Fax 321.690.1788

FBPE Cert. of Authorization No. 25535 Email: info@ptc-corp.com

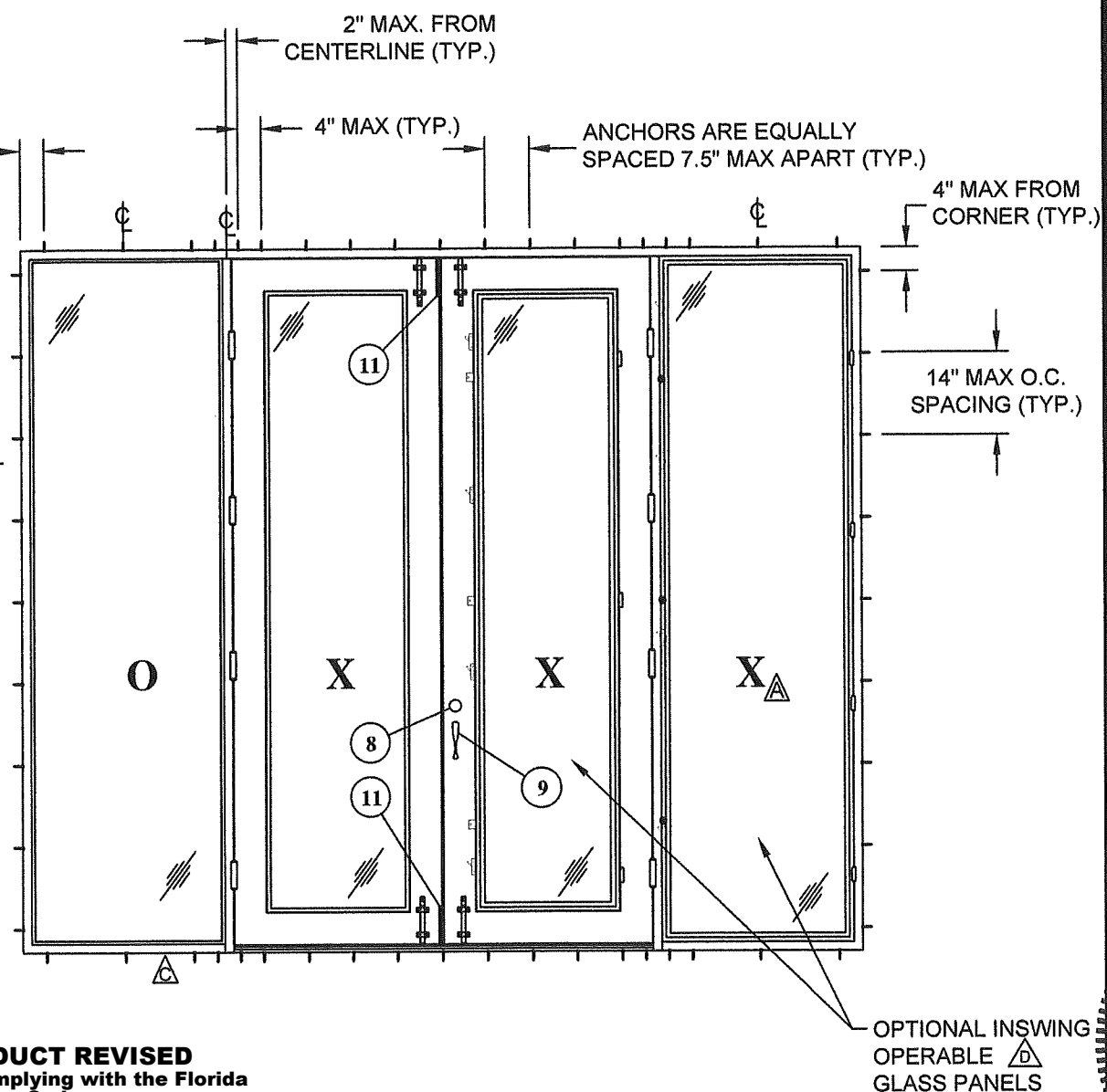




ELEVATION
INTERIOR VIEW


NOTE:
HINGES SHOWN ARE THE MINIMUM
REQUIRED. ADDITIONAL HINGES,
IF DESIRED, MAY BE USED. MINIMUM
OF (4) STEEL SWEEP LOCKS
ON OPTIONAL INSWING OPERABLE
GLASS PANELS. 

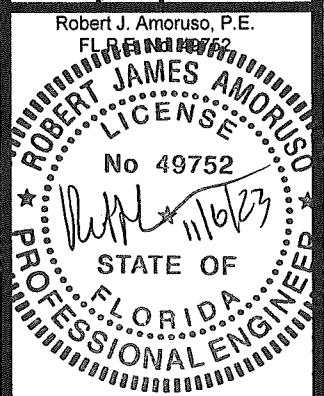
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1129.01
Expiration Date 04/15/2025
By Ishag I. Chande
Miami-Dade Product Control

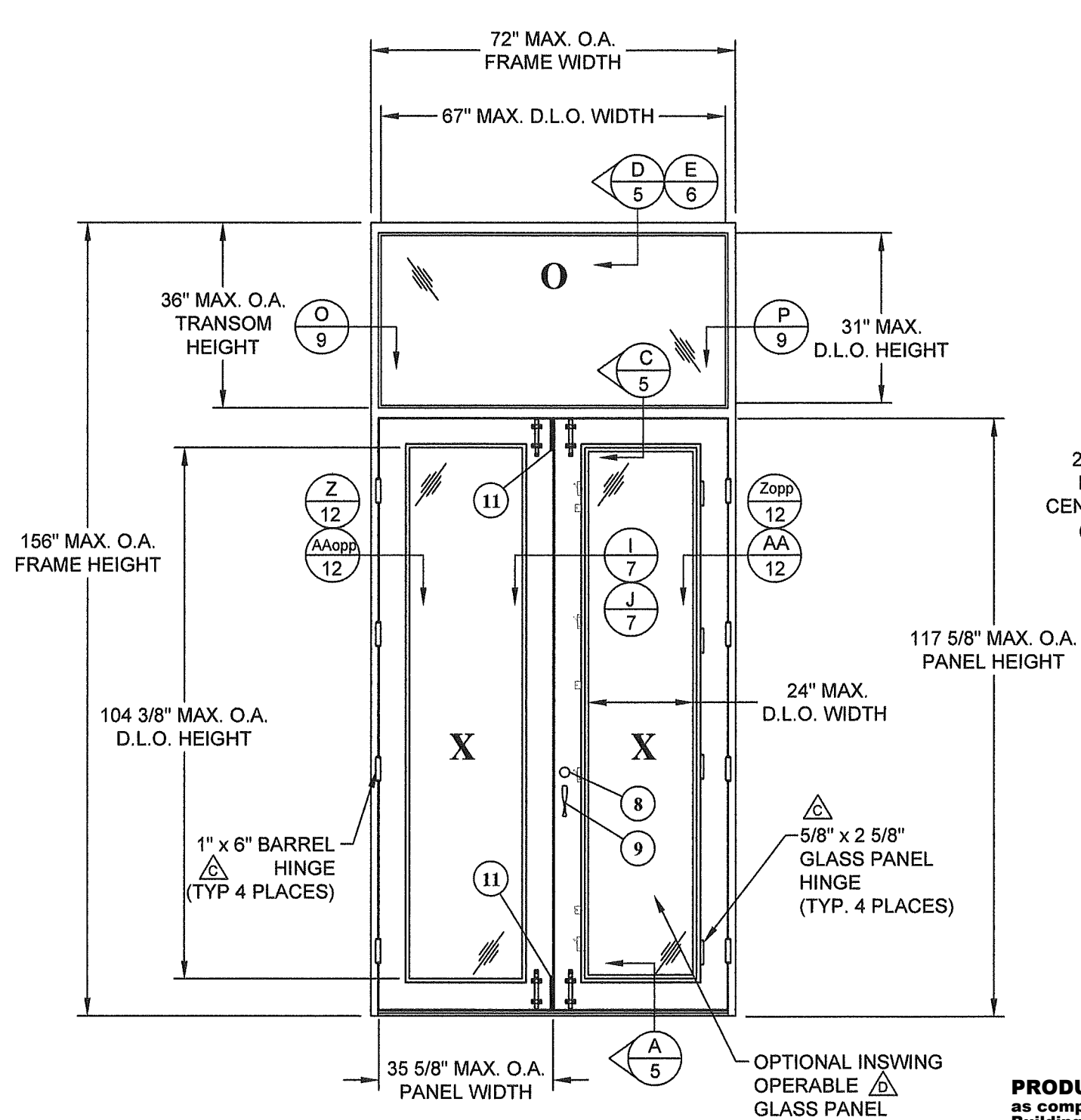


ANCHOR LAYOUT
INTERIOR VIEW

PROJECT NO. 423-0902		RJA	BY
Update to 8th Edition (2023) FBC	10/18/23	RJA	DATE
Update to 7th Edition (2020) FBC	1/4/2021	RJA	REV
CHANGED MANUFACTURER'S ADDRESS	4/14/2020	RJA	DESCRIPTION

VINTAGE IRONWORKS 671 NEWBURYPORT AVE. ALTA MONTE SPRINGS, FL 32701		DATE: 07/22/08	2 OF 15
TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM ELEVATION & ANCHOR LAYOUT		DRAWING NO: VIND0001	
PREPARED BY: CB	SCALE: N.T.S.	REV: K	
 FIC PRODUCT DESIGN GROUP, LLC P.O. BOX 520775 LONGWOOD, FLORIDA 32752 Phone 321.690.1788 Fax 321.690.1789 FBPE Cert. of Authorization No. 25835 Email: info@fic-corp.com			

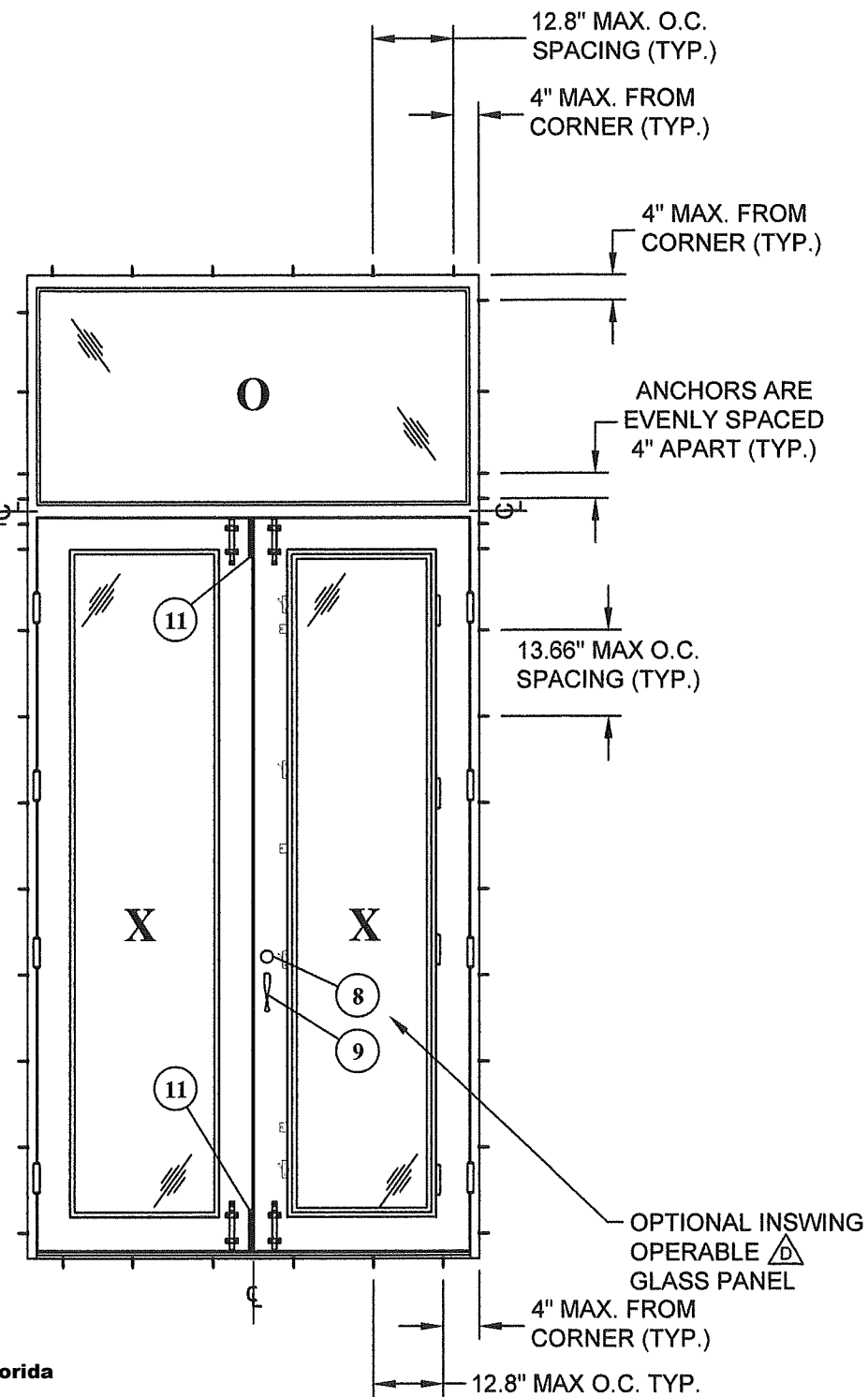




ELEVATION
INTERIOR VIEW

NOTE:
HINGES SHOWN ARE THE MINIMUM
REQUIRED. ADDITIONAL HINGES,
IF DESIRED, MAY BE USED. MINIMUM
OF (4) STEEL SWEEP LOCKS
ON OPTIONAL INSWING OPERABLE
GLASS PANELS. \triangle

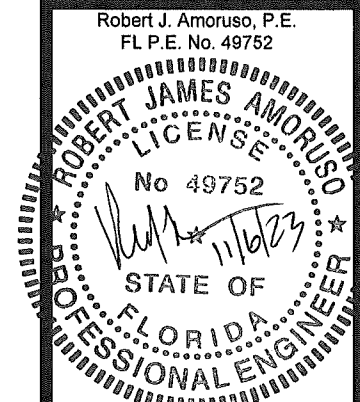
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1129.01
Expiration Date 04/15/2025
By Ishaq I. Chank
Miami-Dade Product Control

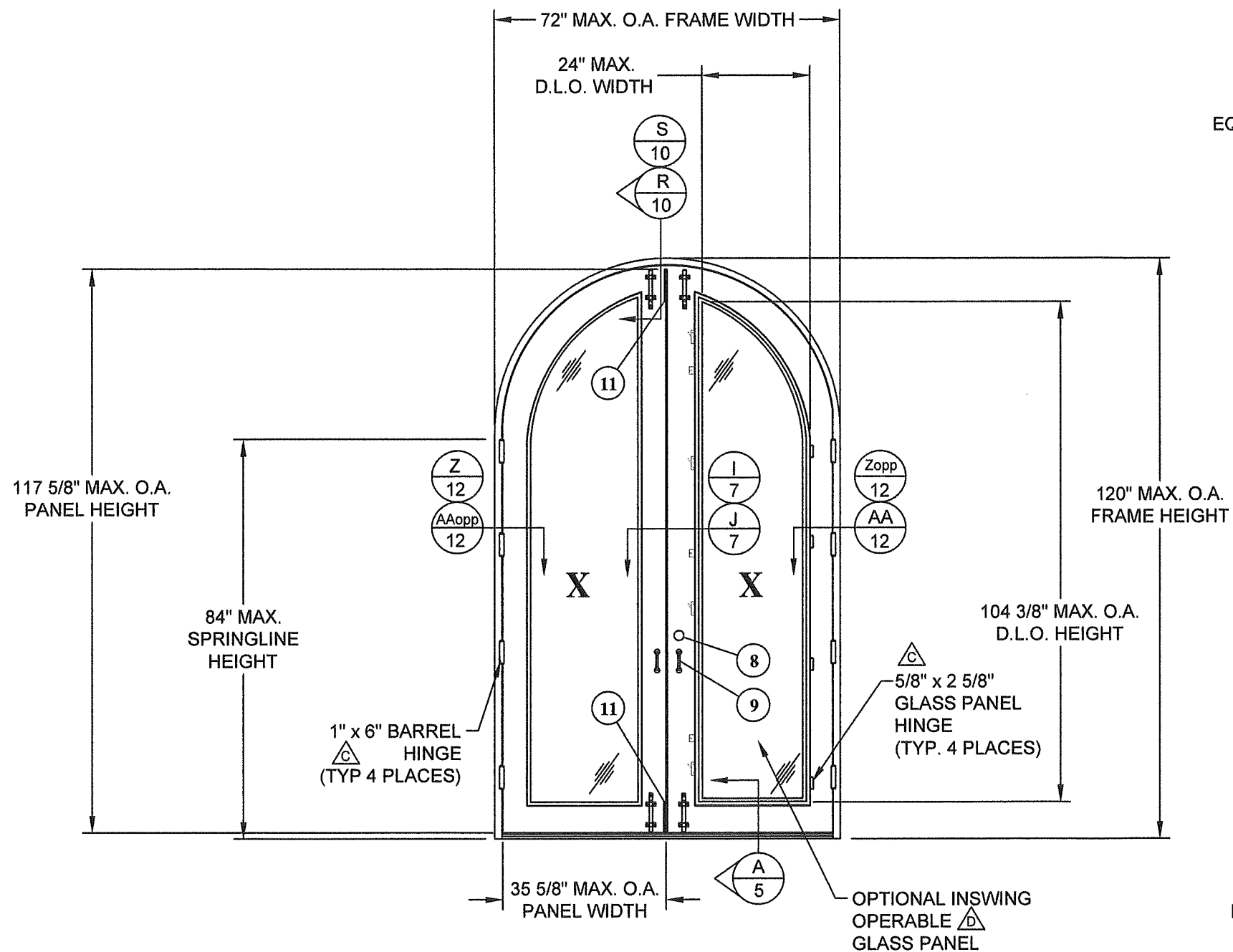


ANCHOR LAYOUT
INTERIOR VIEW

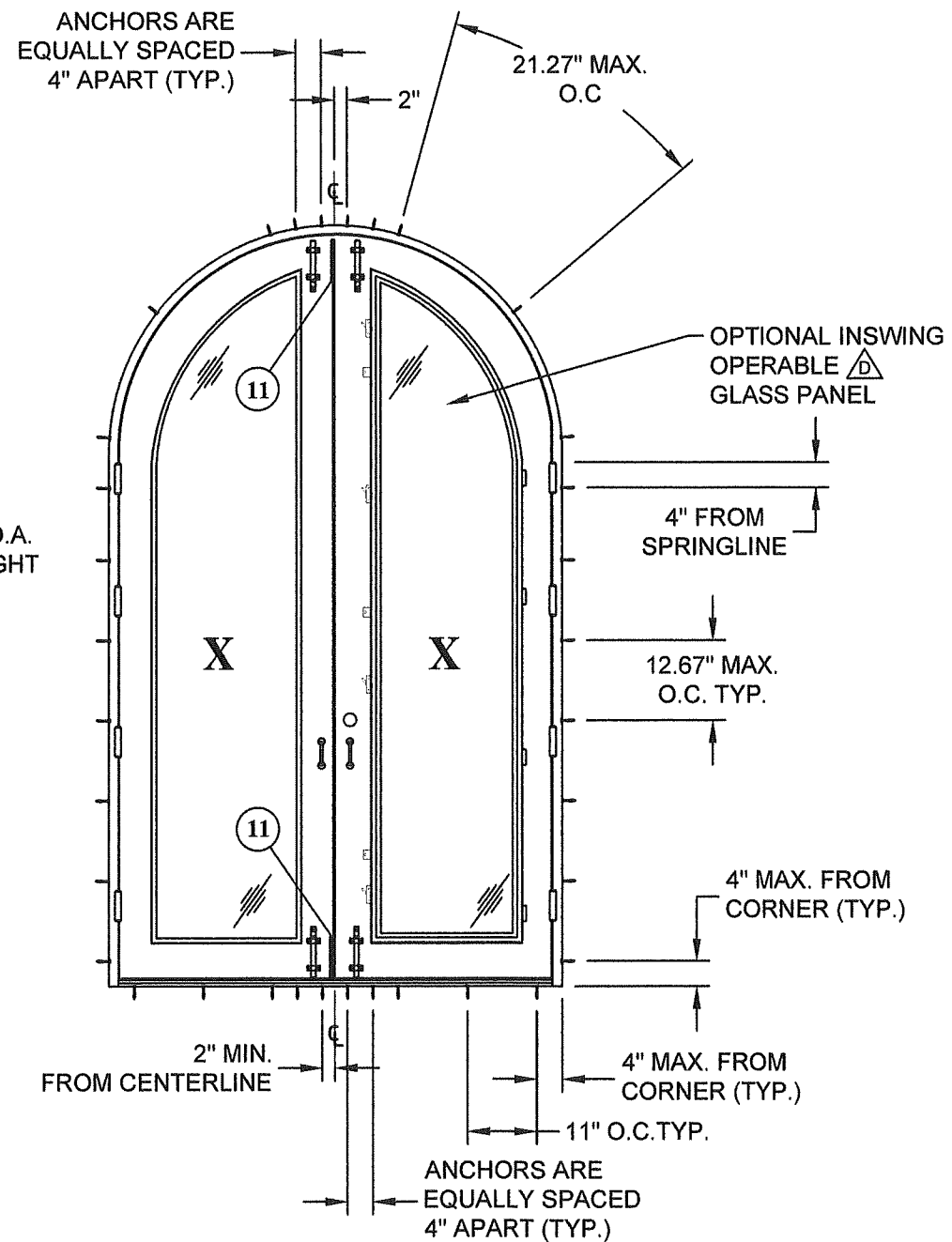
PROJECT NO. 423-0902				
K	Update to 8th Edition (2023) FBC	10/18/23	RJA	
J	Update to 7th Edition FBC	1/4/2021	RJA	
H	CHANGED MANUFACTURER'S ADDRESS	4/14/2020	RJA	
REV	DESCRIPTION	DATE	BY	

VINTAGE IRONWORKS 671 NEWBURYPORT AVE. ALTA MONTE SPRINGS, FL 32701				
TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM ELEVATION & ANCHOR LAYOUT				
PREPARED BY:	DRAWN BY:	DATE:	DRAWING NO.:	SHEET:
	CB	07/22/08	VIN0001	3 OF 15
SCALE:	N.T.S.			
REV:	K			
 FPE PRODUCT DESIGN GROUP, LLC P.O. BOX 520775 LONGWOOD, FLORIDA 32752 Phone 321.690.1788 Fax 321.690.1789 FBPE Cert. of Authorization No. 25935 Email: info@fpe-corp.com				






ELEVATION
INTERIOR VIEW



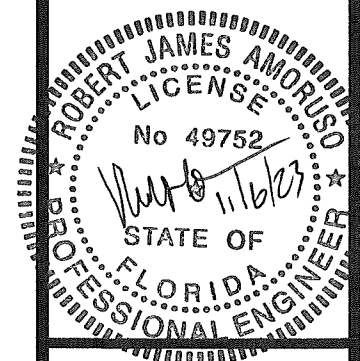
ANCHOR LAYOUT
INTERIOR VIEW

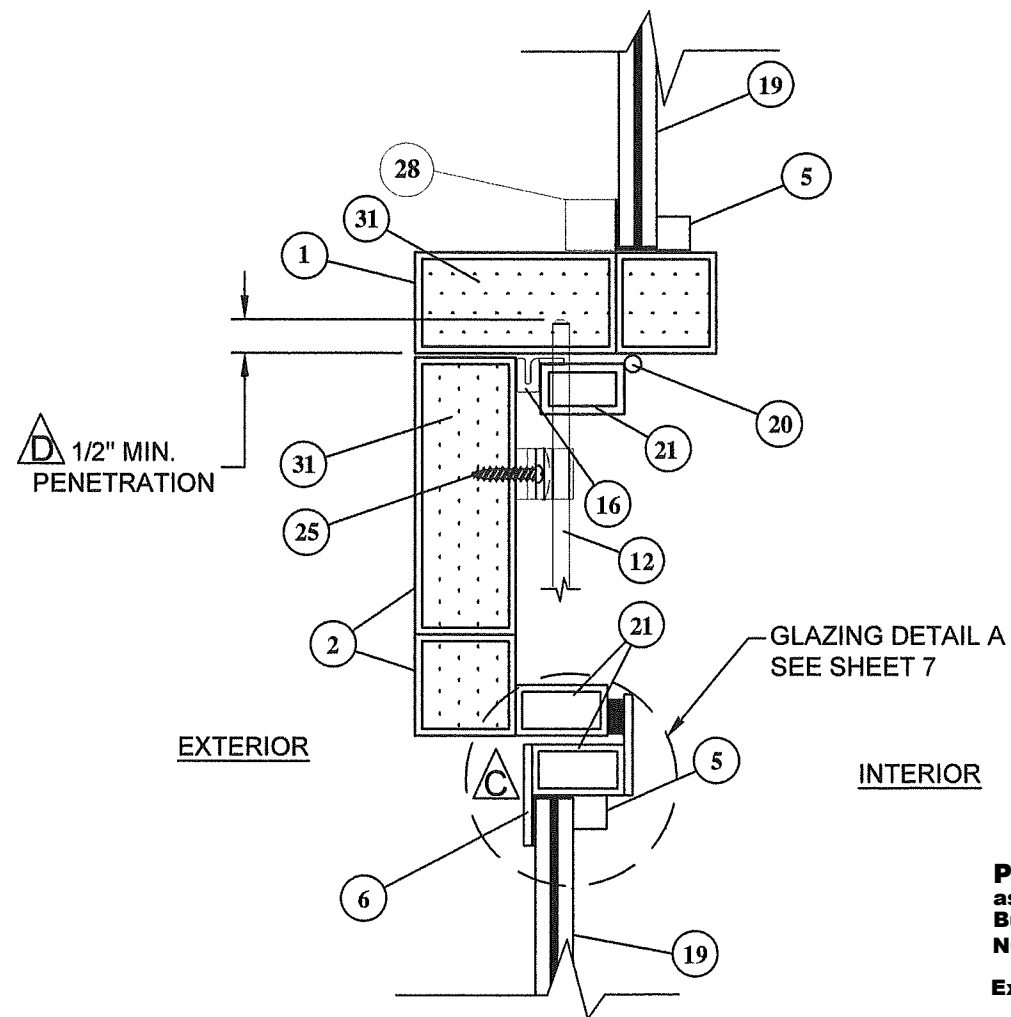
NOTE:
HINGES SHOWN ARE THE MINIMUM REQUIRED. ADDITIONAL HINGES, IF DESIRED, MAY BE USED. MINIMUM OF (4) STEEL SWEEP LOCKS ON OPTIONAL INSWING OPERABLE GLASS PANELS. 

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1129.01
Expiration Date 04/15/2025
By Ishaq I. Chande
Miami-Dade Product Control

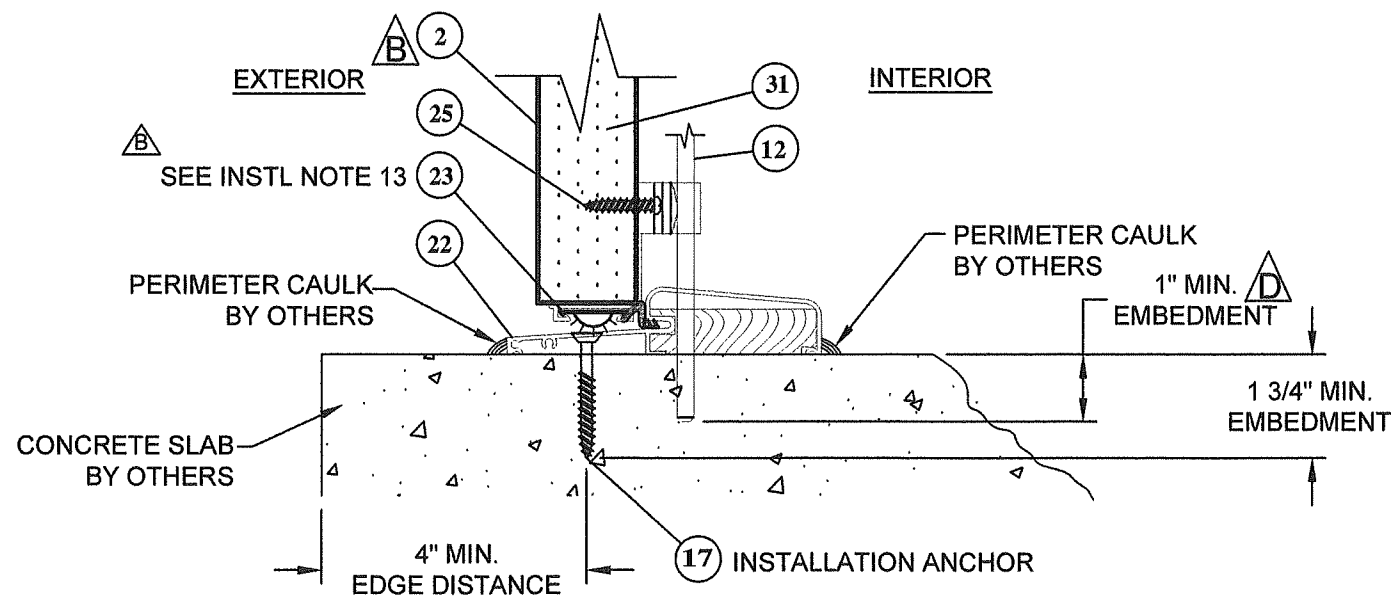
PROJECT NO. 423-0902	RJA	RJA	RJA	BY
	10/18/23	1/4/2021	4/14/2020	DATE
	Update to 8th Edition (2023) FBC	Update to 7th Edition (2020) FBC	CHANGED MANUFACTURER'S ADDRESS	DESCRIPTION
	K	J	H	REV

VINTAGE IRONWORKS 671 NEWBURYPORT AVE. ALTAMONTE SPRINGS, FL 32701 TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM ELEVATION & ANCHOR LAYOUT	DRAWN BY:	DATE:	DRAWING NO:	SHEET:
	CB	07/22/08	VIN0001	4 OF 15
	SCALE:	N.T.S.	REV:	
	PREPARED BY:	Robert J. Amoruso, P.E.	FL P.E. No. 49752	



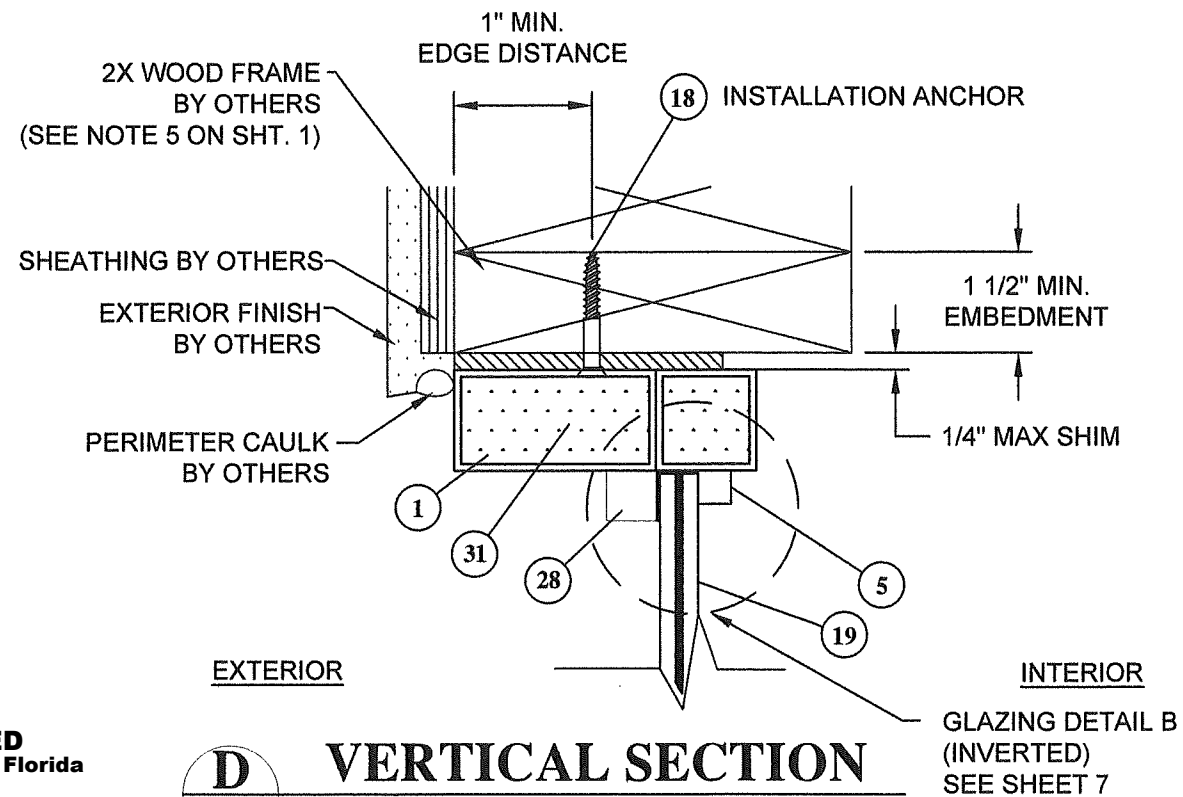


C
5 **VERTICAL SECTION**
HORIZONTAL MULLION

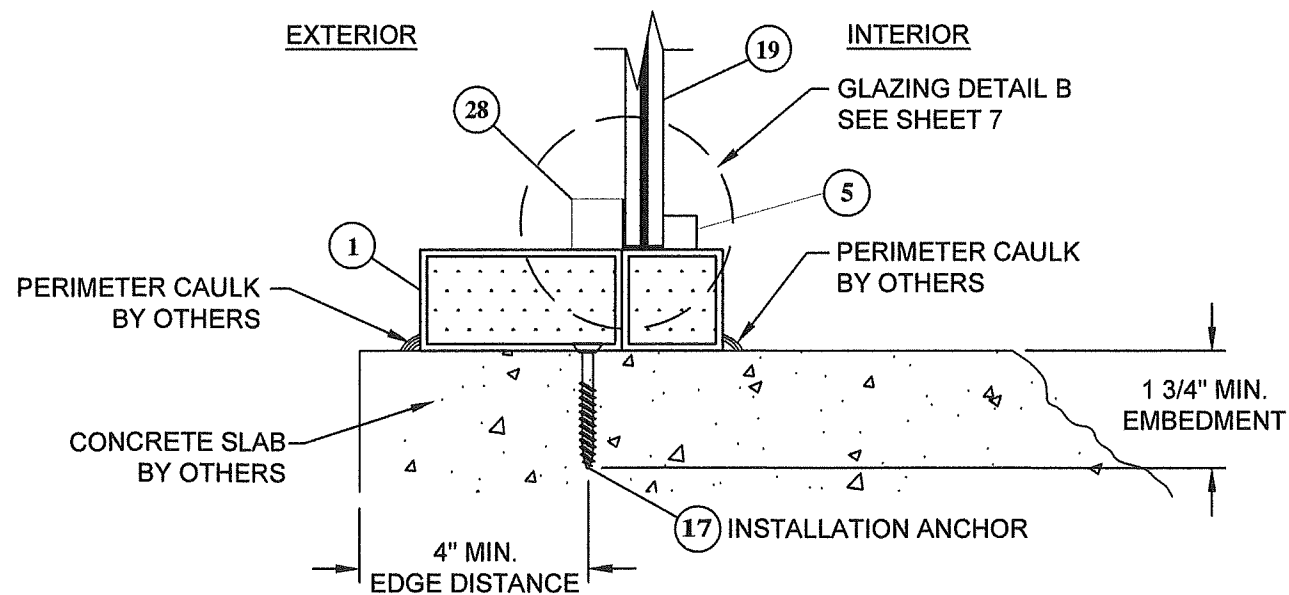


A
5 **VERTICAL SECTION**
THRESHOLD - FRAME DOOR
CONCRETE / MASONRY SUBSTRATE

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1129.01
Expiration Date 04/15/2025
By Ishag I. Chande
Miami-Dade Product Control



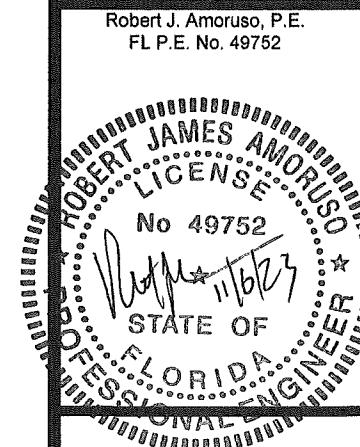
D
5 **VERTICAL SECTION**
HEAD - FIXED TRANSOM
WOOD SUBSTRATE

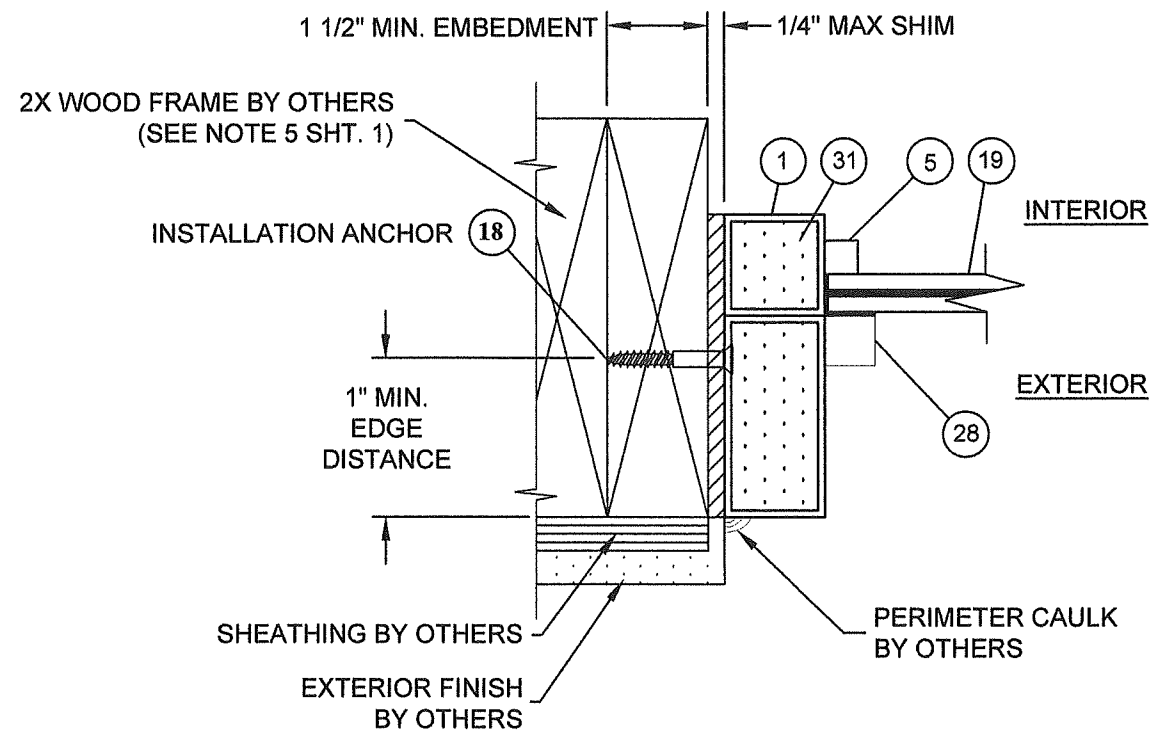


B
5 **VERTICAL SECTION**
SILL - FIXED LITE
CONCRETE / MASONRY SUBSTRATE

PROJECT NO. 423-0902	RJA	10/18/23	RJA	1/4/2021	RJA	4/14/2020	BY
	Update to 8th Edition (2023) FBC	K	Update to 7th Edition (2020) FBC	J	CHANGED MANUFACTURER'S ADDRESS	H	DATE
							DESCRIPTION
							REV

VINTAGE IRONWORKS 671 NEWBURYPORT AVE. ALTAMONTE SPRINGS, FL 32701 TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM VERTICAL SECTIONS	DRAWN BY:	DATE:	DRAWING NO:	SHEET:
	CB	07/22/08	VIN0001	5 OF 15
	SCALE:	N.T.S.	REV:	K
	PREPARED BY:	DATE:	PHONE:	FAX:

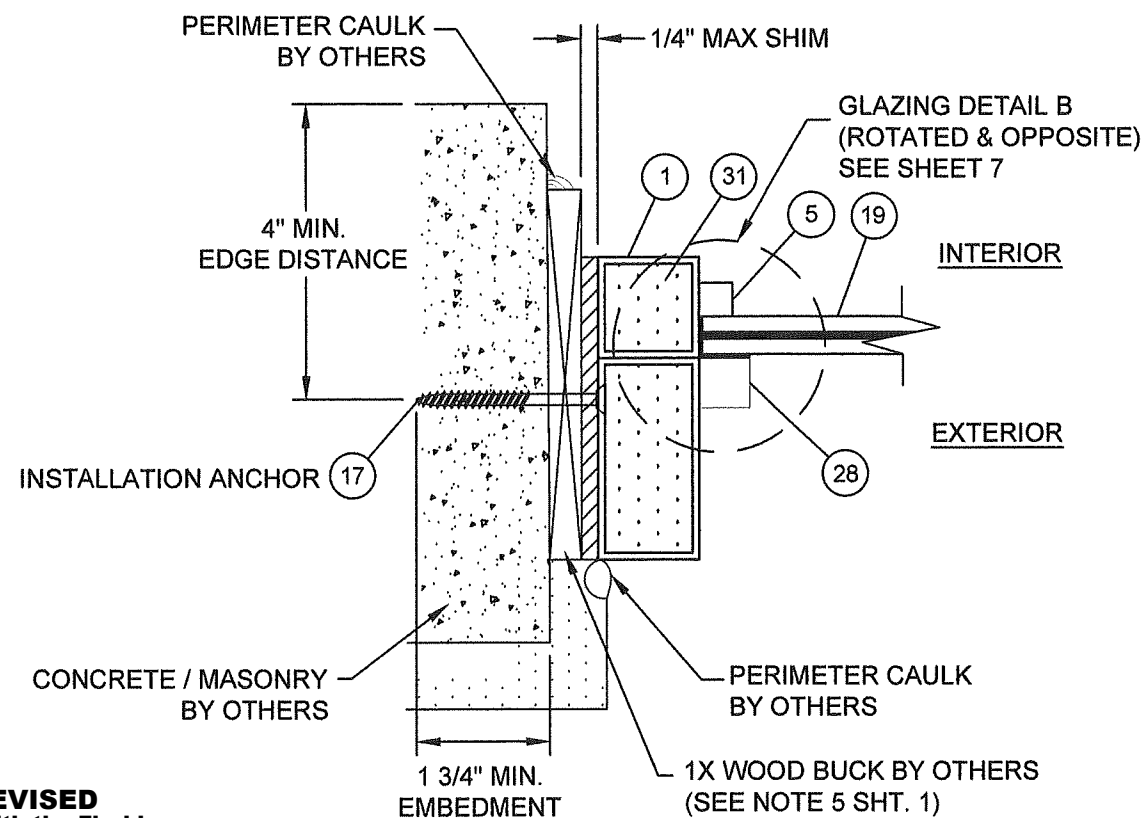




F **HORIZONTAL SECTION**
6

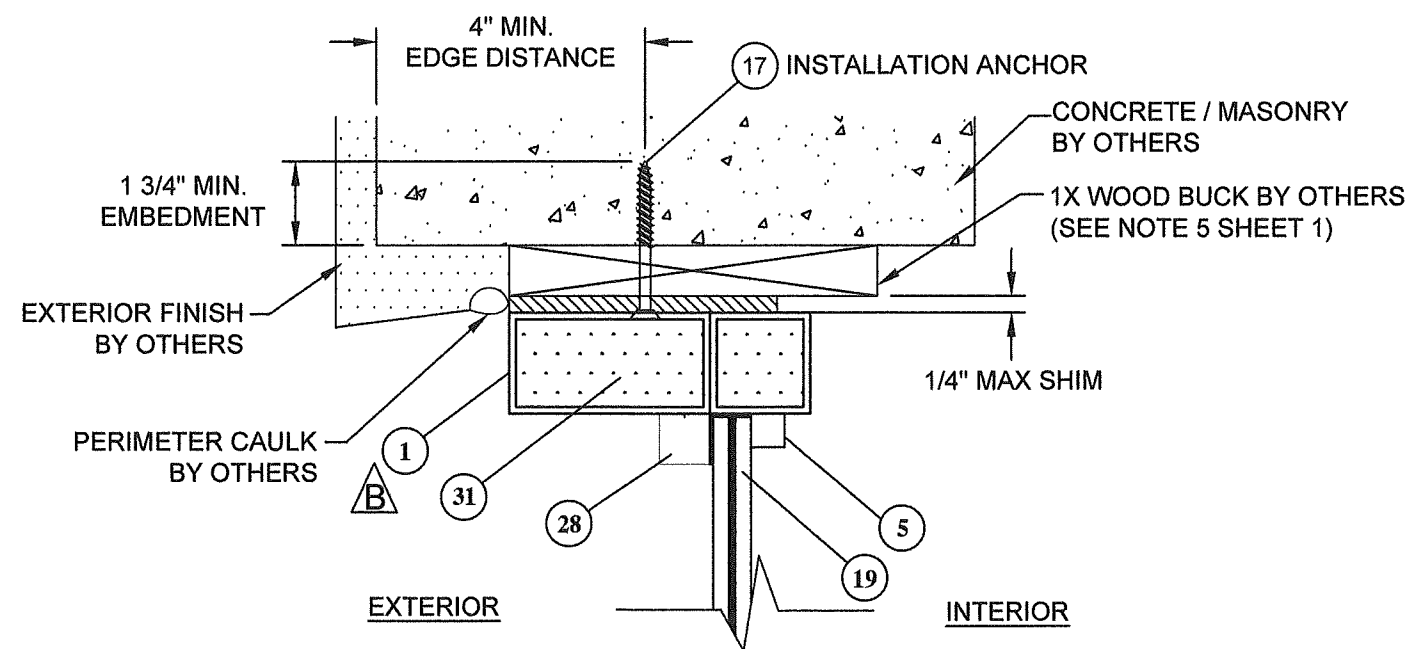
JAMB - FIXED LITE
WOOD FRAME SUBSTRATE

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1129.01
Expiration Date 04/15/2025
By *Ishaq I. Chande*
Miami-Dade Product Control



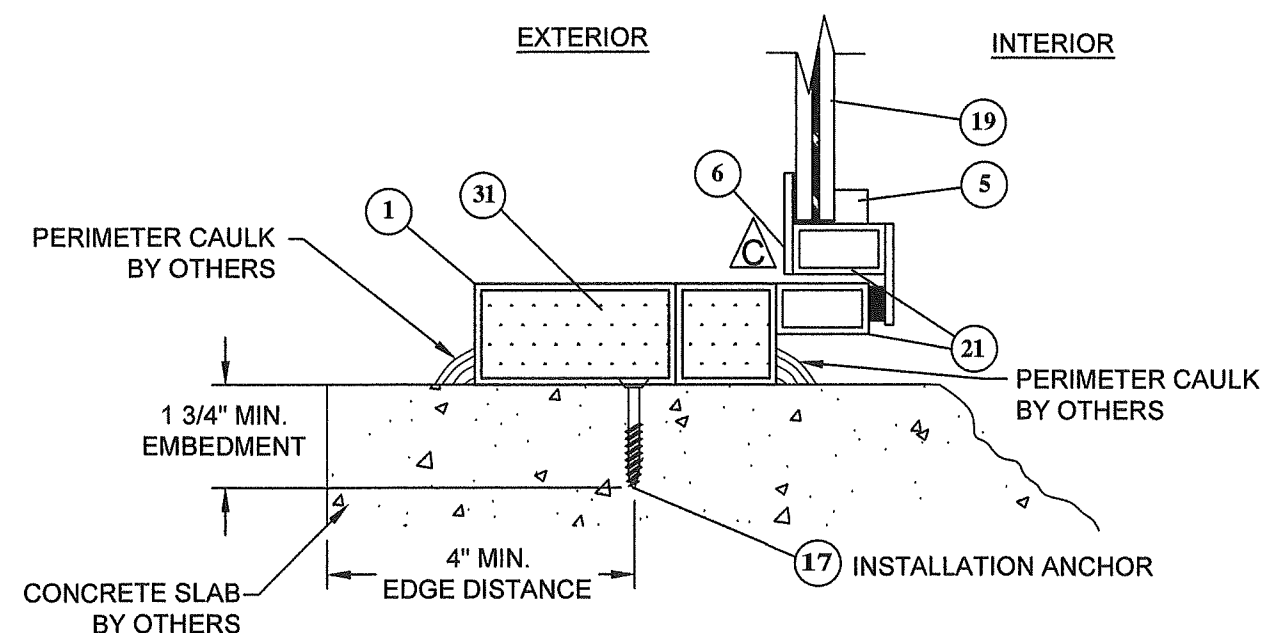
G **HORIZONTAL SECTION**
6

JAMB - FIXED LITE
CONCRETE / MASONRY SUBSTRATE



E **VERTICAL SECTION**
6

HEAD - TRANSOM
CONCRETE / MASONRY SUBSTRATE



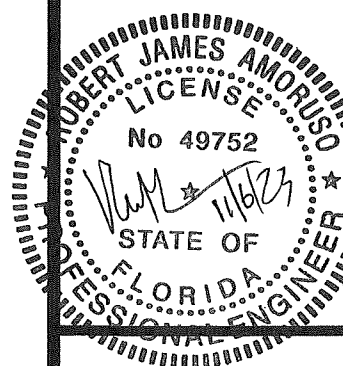
H **VERTICAL SECTION**
6

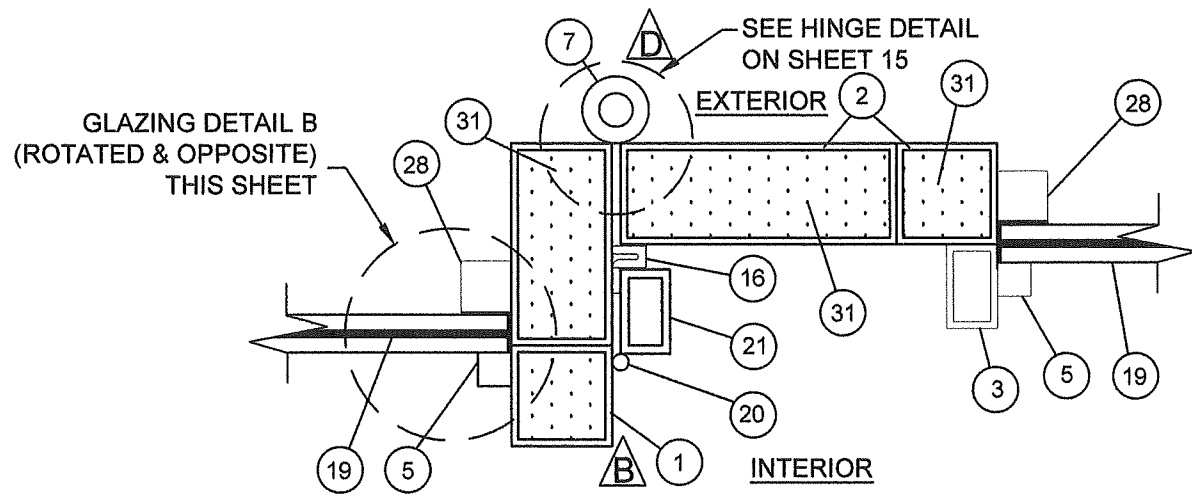
SILL - SIDELITE W/ OPT. OPERABLE GLAZING
CONCRETE / MASONRY SUBSTRATE

PROJECT NO. 423-0902	RJA	RJA	RJA	BY
Update to 8th Edition (2023) FBC	10/18/23	1/4/2021	4/14/2020	DATE
Update to 7th Edition (2020) FBC	J	H	REV	DESCRIPTION
CHANGED MANUFACTURER'S ADDRESS				

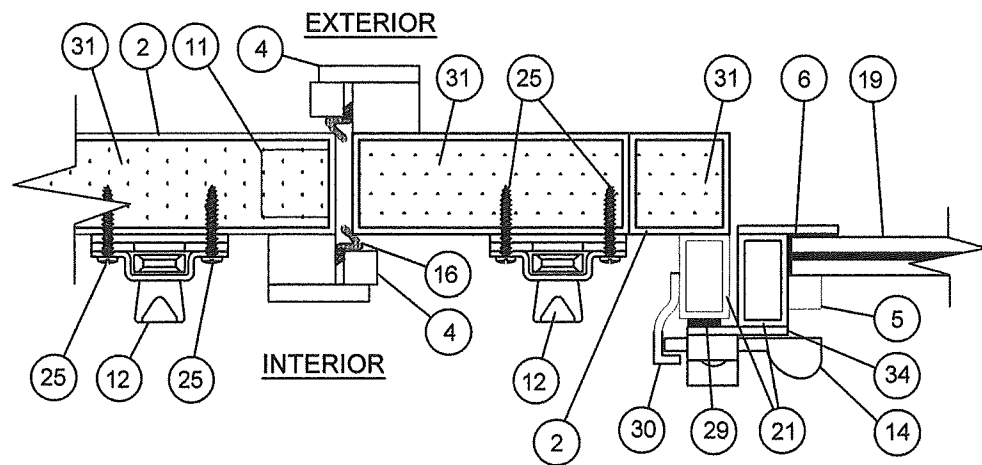
VINTAGE IRONWORKS 671 NEWBURYPORT AVE. ALTA MONTE SPRINGS, FL 32701	DATE: 07/22/08	DRAWING NO: VIN0001	SHEET: 6 OF 15
TITLE: STEEL OUTSWING DOORS W/ W/O SIDELITES & TRANSOM VERTICAL AND HORIZONTAL SECTIONS	DRAWN BY: CB	SCALE: N.T.S.	REV: K
PREPARED BY: FTC	FTC PRODUCT DESIGN GROUP, LLC P.O. BOX 520774 LONGWOOD, FLORIDA 32752 Phone 321.690.1788 Fax 321.690.1789 FBPE Cert. of Authorization No. 25935 Email: info@ftc-corp.com		

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

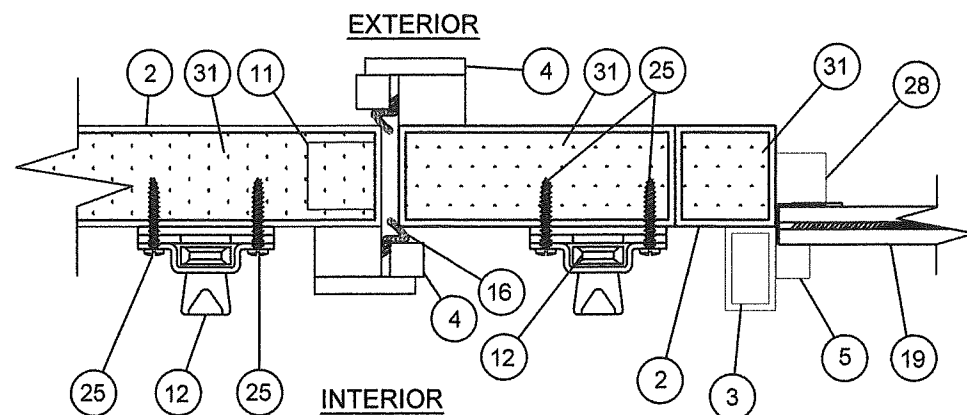




K HORIZONTAL SECTION
7
VERTICAL MULLION
AT FIXED LITE

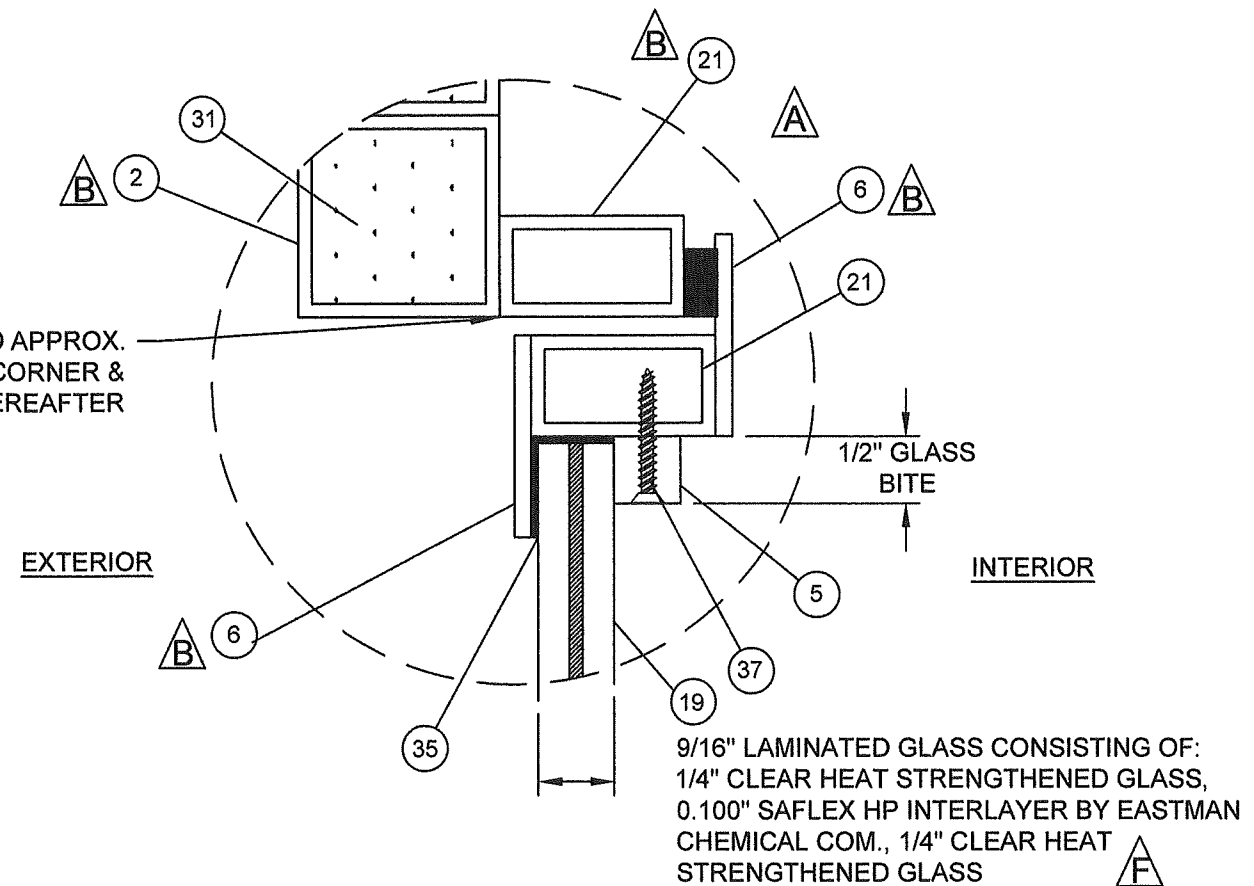


J HORIZONTAL SECTION
7
ASTRAGAL W/ OPTIONAL
OPERABLE GLAZING PANEL

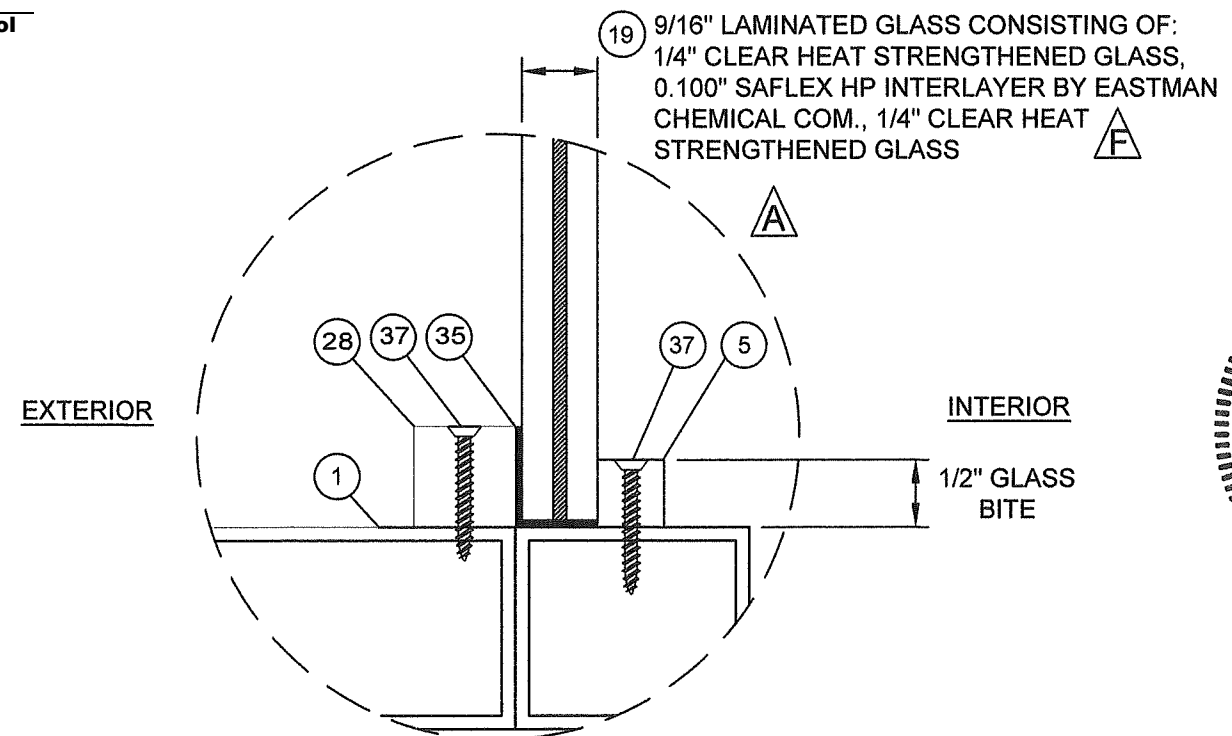


I HORIZONTAL SECTION
7
ASTRAGAL W/ FIXED GLAZING PANEL

TACK WELD APPROX.
4" FROM EACH CORNER &
11" O.C. THEREAFTER



GLAZING DETAIL A

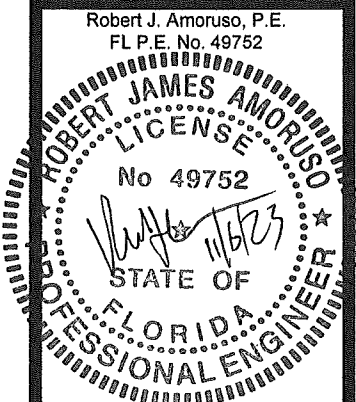


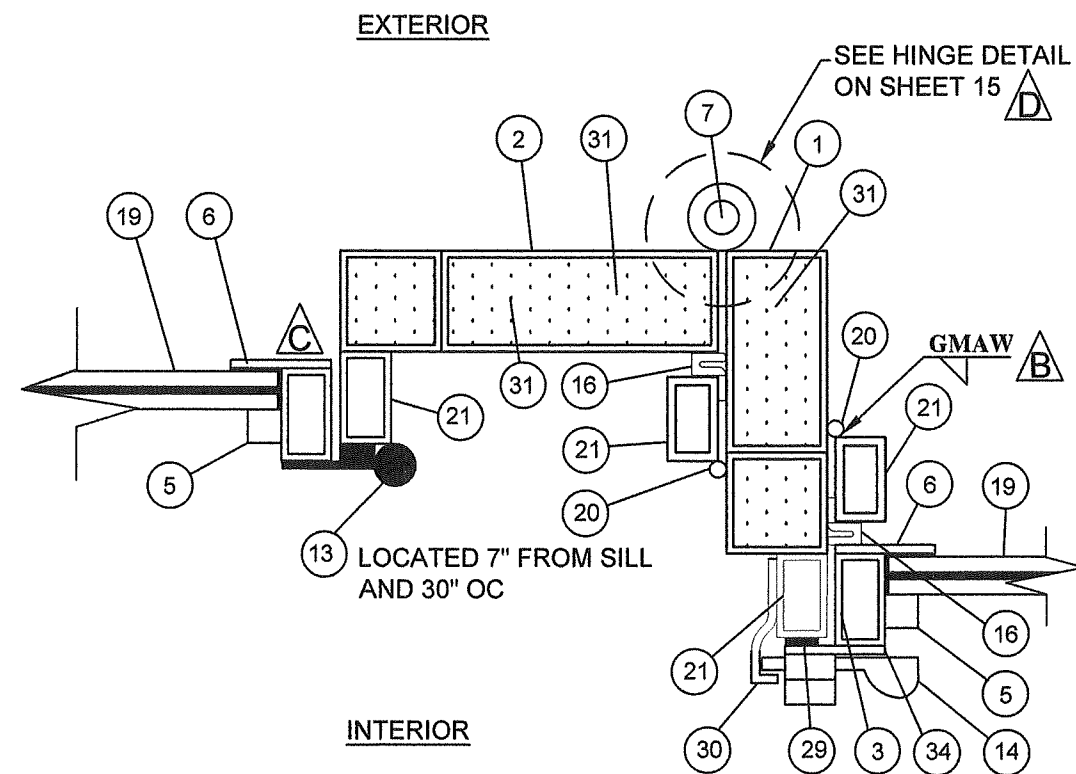
GLAZING DETAIL B

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1129.01
Expiration Date 04/15/2025
By Ishag I. Chande
Miami-Dade Product Control

PROJECT NO. 423-0902	RJA	10/18/23	Update to 8th Edition (2023) FBC	RJA	1/4/2021	Update to 7th Edition (2020) FBC	RJA	4/14/2020	CHANGED MANUFACTURER'S ADDRESS	REVISION	DATE	BY
	K			J			H			REV		

VINTAGE IRONWORKS 671 NEWBURYPORT AVE. ALTA MONTE SPRINGS, FL 32701	DATE: 07/22/08	DRAWING NO: VIN0001	SHEET: 7 OF 15
TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM HORIZONTAL SECTIONS AND GLAZING DETAILS	DRAWN BY: CB	SCALE: N.T.S.	REV: K
PREPARED BY: PTC	PTC PRODUCT DESIGN GROUP, LLC P.O. BOX 520775 LONGWOOD, FLORIDA 32752 Phone 321.690.1788 Fax 321.690.1789 FBPE Cert. of Authorization No. 25935 Email: info@ptc-corp.com		

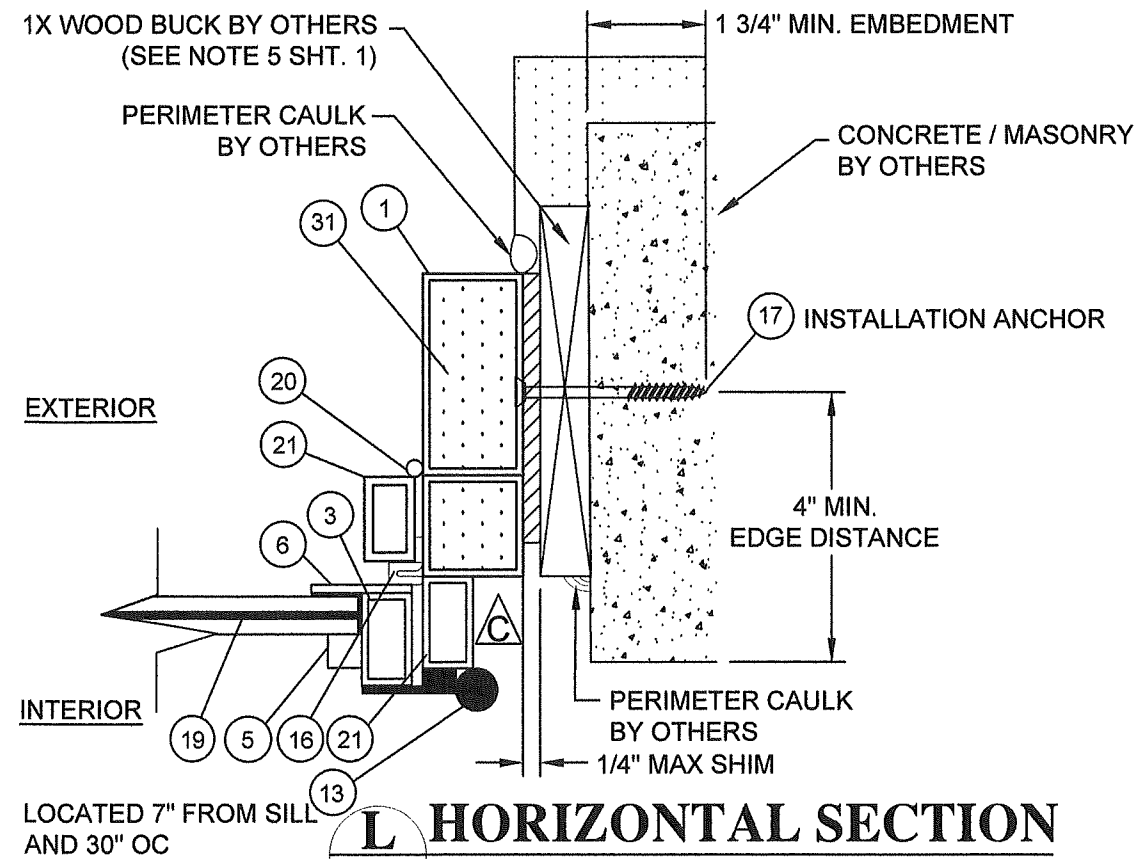




N HORIZONTAL SECTION

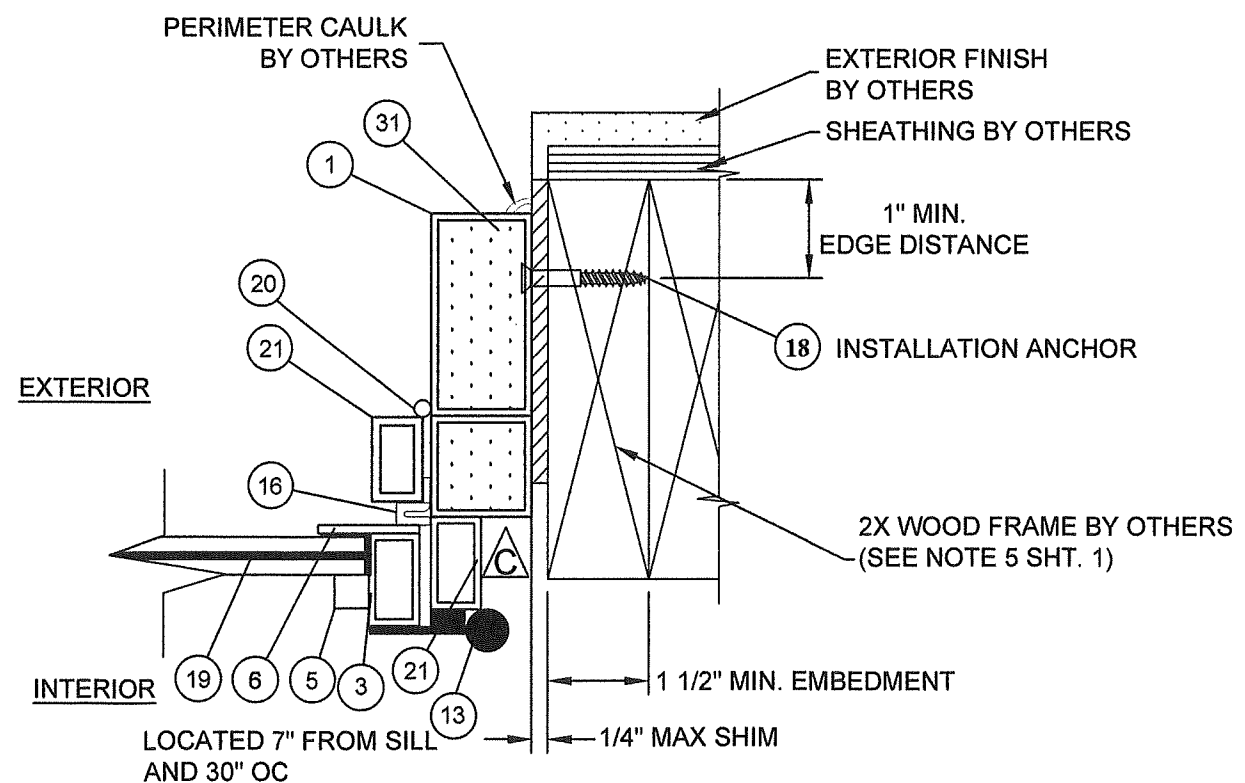
8 VERTICAL MULLION AT SIDELITE W/ OPTIONAL OPERABLE GLAZING

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1129.01
Expiration Date 04/15/2025
By *Isaac I. Chanda*
Miami-Dade Product Control



L HORIZONTAL SECTION

8 JAMB - SIDELITE W/ OPT. OPERABLE GLAZING CONCRETE / MASONRY SUBSTRATE

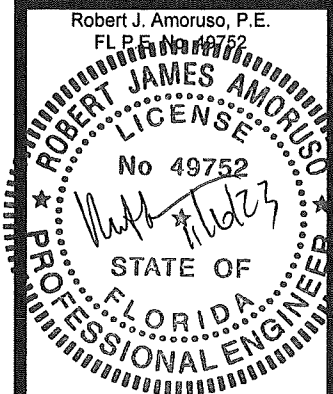


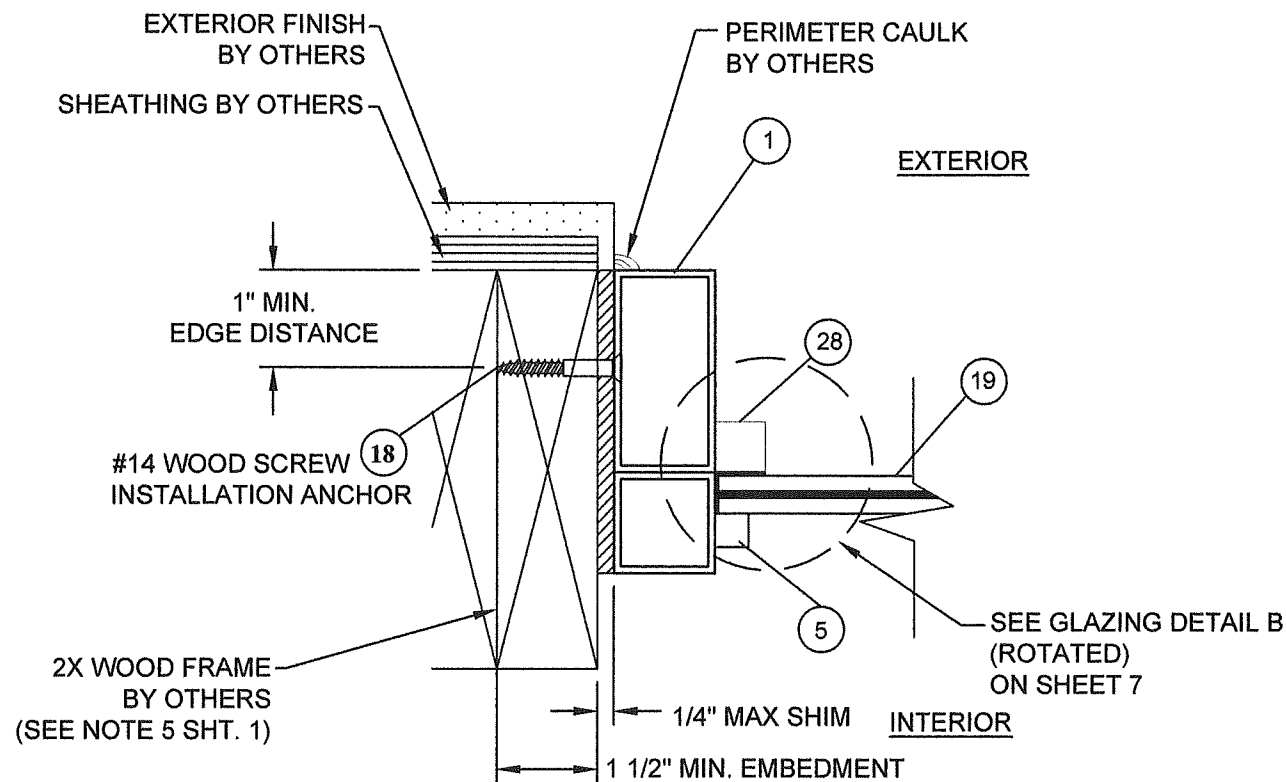
M HORIZONTAL SECTION

8 JAMB - SIDELITE W/ OPT. OPERABLE GLAZING WOOD FRAME SUBSTRATE

PROJECT NO. 423-0902		RJA	RJA	RJA	BY
Update to 8th Edition (2023) FBC	10/18/23	Update to 7th Edition (2020) FBC	1/4/2021	CHANGED MANUFACTURER'S ADDRESS	DATE
K	J	H	REV	DESCRIPTION	

VINTAGE IRONWORKS 671 NEWBURYPORT AVE. ALTA MONTE SPRINGS, FL 32701		DATE: 07/22/08	DRAWING NO: VIND001	SHEET: 8 OF 15
TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM HORIZONTAL SECTIONS		DRAWN BY: CB	SCALE: N.T.S.	REV: K
PREPARED BY: FTC		P.T.C. PRODUCT DESIGN GROUP, LLC P.O. BOX 5307 LONGWOOD, FLORIDA 32752 Phone 321.690.1788 Fax 321.690.1789 FBPE Cert. of Authorization No. 25935 Email: info@ptc-corp.com		

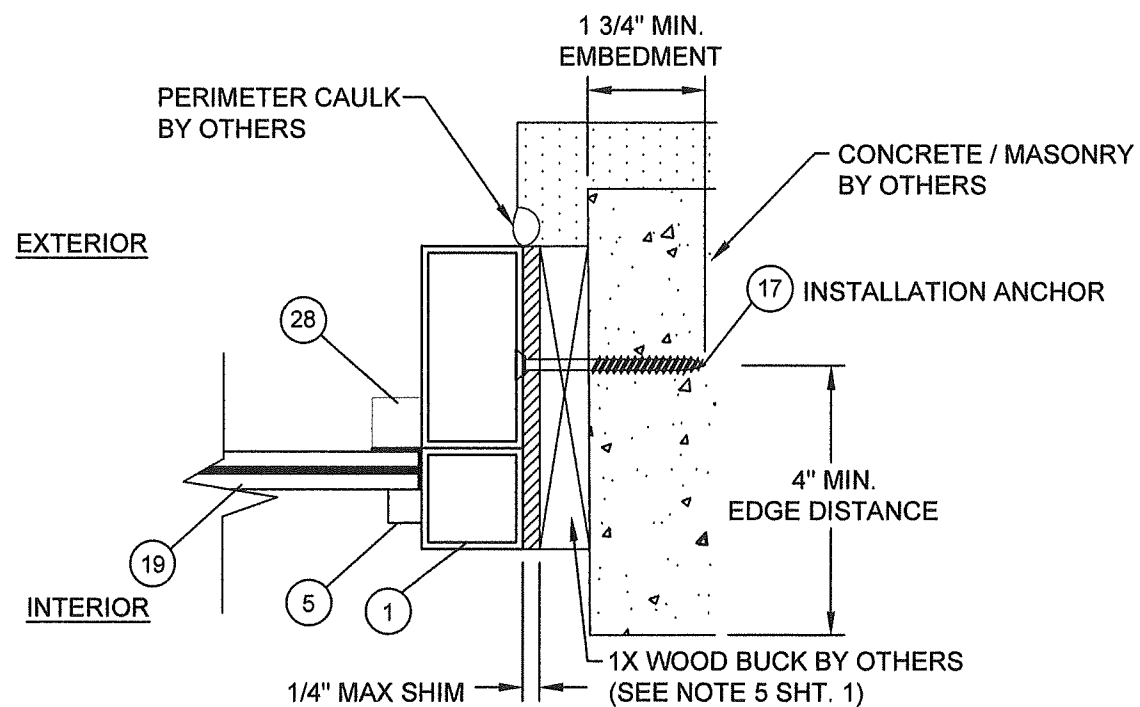




09 HORIZONTAL SECTION

JAMB - FIXED TRANSOM
INTO WOOD SUBSTRATE

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1129.01
Expiration Date 04/15/2025
By Ismael L. Chan
Miami-Dade Product Control



P9 HORIZONTAL SECTION

JAMB - FIXED TRANSOM INTO
CONCRETE / MASONRY SUBSTRATE

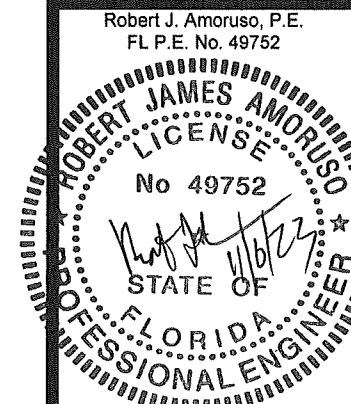
PROJECT NO. 423-0902

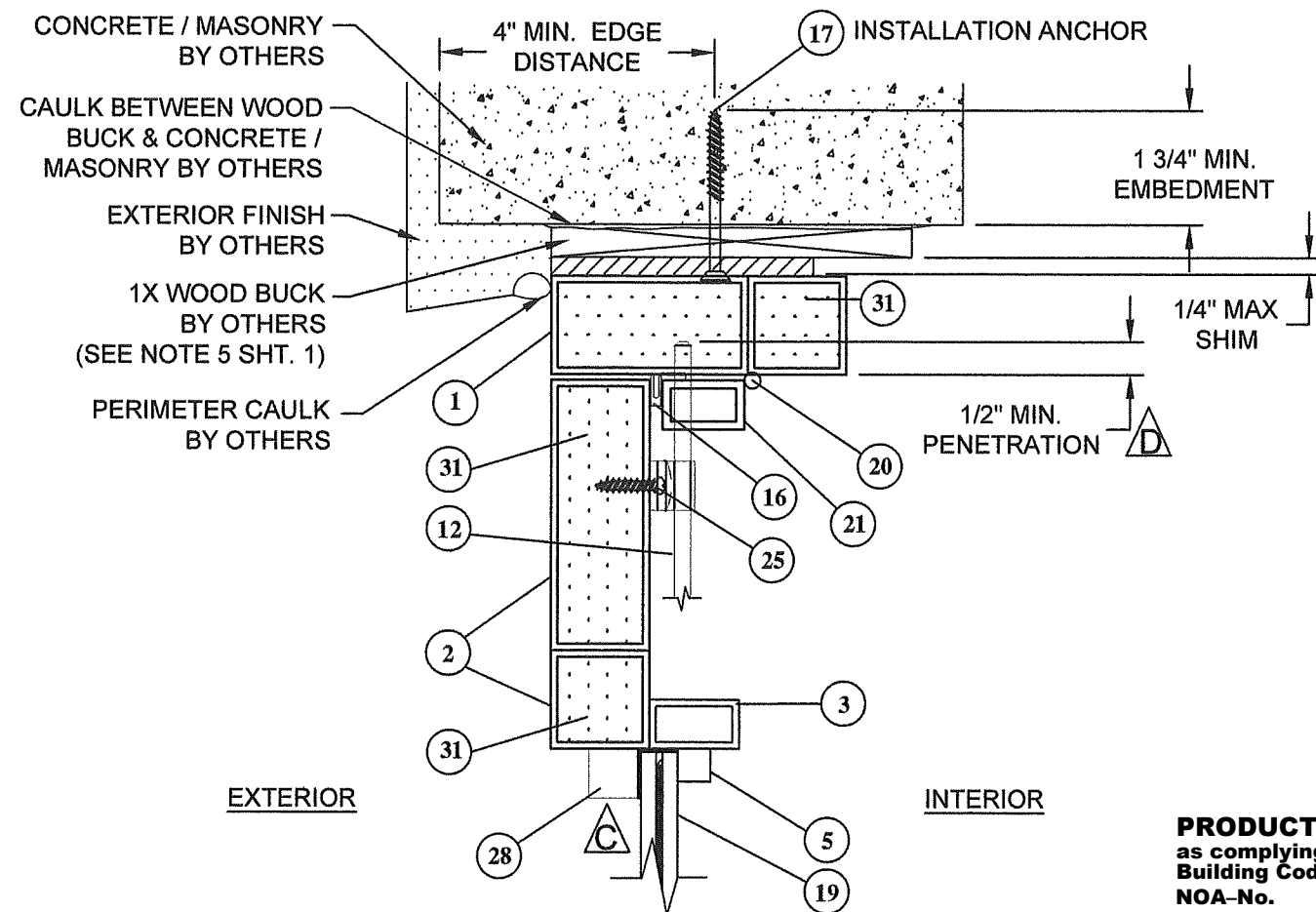
REV	DESCRIPTION	DATE	BY
K	Update to 8th Edition (2023) FBC	10/18/23	RJA
J	Update to 7th Edition (2020) FBC	1/4/2021	RJA
H	CHANGED MANUFACTURER'S ADDRESS	4/14/2020	RJA

VINTAGE IRONWORKS
671 NEWBURYPORT AVE.
ALTA MONTE SPRINGS, FL 32701
TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM
HORIZONTAL SECTIONS

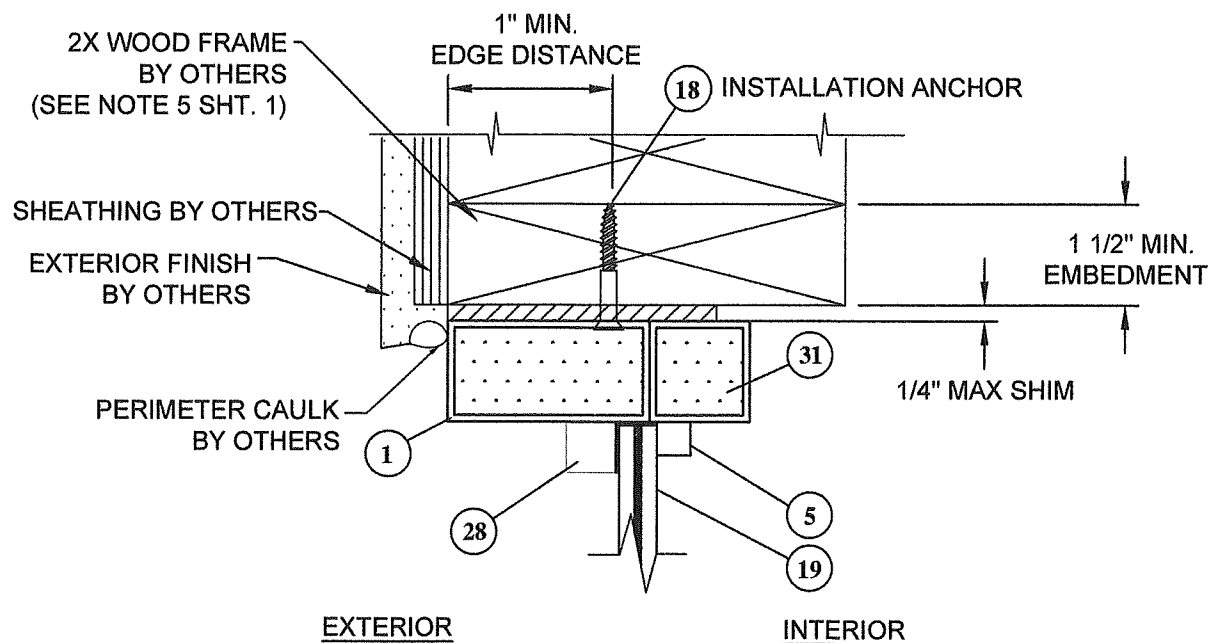
DATE:	07/22/08
DRAWN BY:	CB
SCALE:	N.T.S.
REV:	K
DRAWING NO:	VIN0001
SHEET:	9 OF 15

PREPARED BY:
PTC PRODUCT DESIGN GROUP, LLC
P.O. BOX 59077
LONGWOOD, FLORIDA 32752
Phone 321.690.1788
Fax 321.690.1789
Email: info@ptc-corp.com



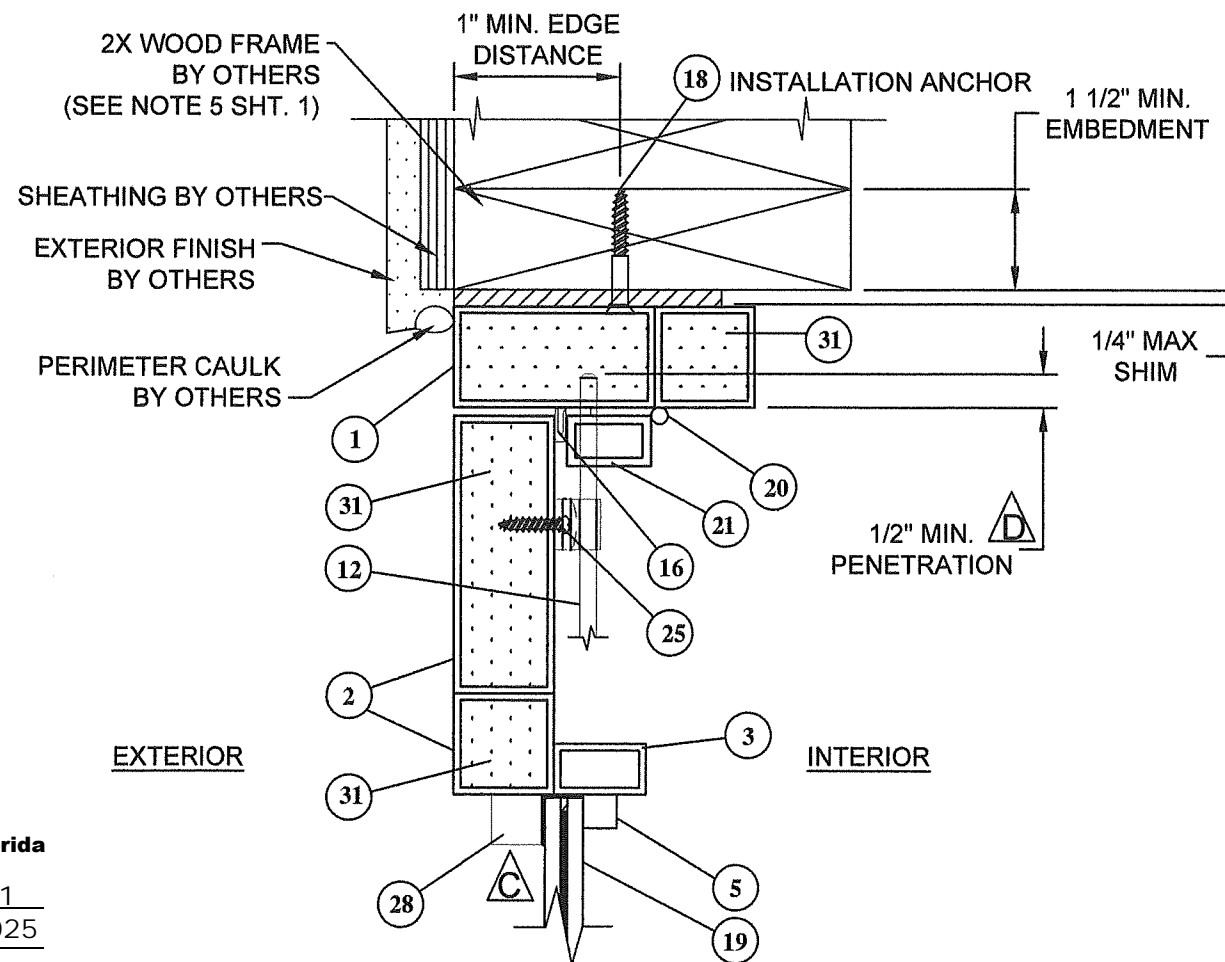


R
10 **VERTICAL SECTION**
HEAD - FRAME DOOR
CONCRETE / MASONRY SUBSTRATE



Q
10 **VERTICAL SECTION**
HEAD - FIXED LITE
WOOD FRAME SUBSTRATE

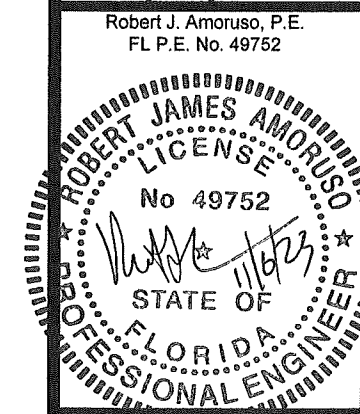
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1129.01
Expiration Date 04/15/2025
By Ishag I. Chande
Miami-Dade Product Control

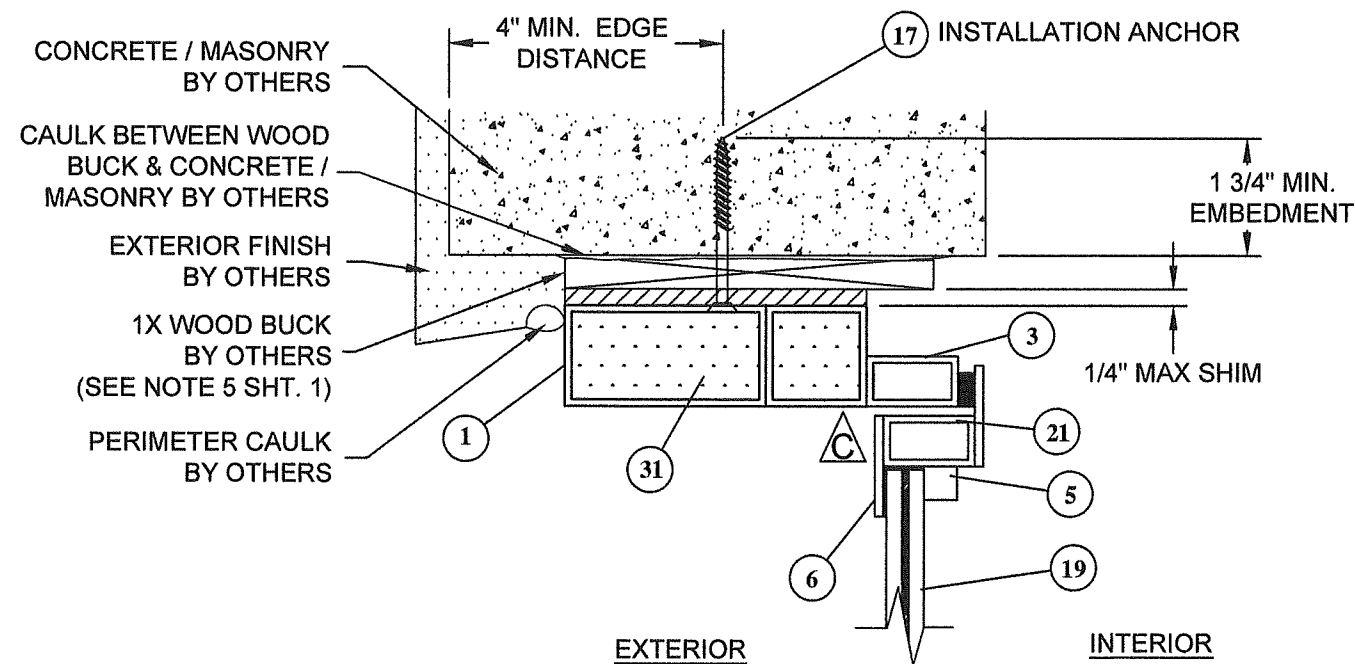


S
10 **VERTICAL SECTION**
HEAD - FRAME DOOR
WOOD SUBSTRATE

PROJECT NO. 423-0902	RJA	RJA	RJA	BY
Update to 8th Edition (2023) FBC	10/18/23	1/4/2021	4/14/2020	DATE
K	J	H	REV	DESCRIPTION

VINTAGE IRONWORKS 671 NEWBURYPORT AVE. ALTAMONTE SPRINGS, FL 32701	DATE: 07/22/08	DRAWING NO: VIN0001	SHEET: 10 OF 15
TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM VERTICAL SECTIONS	DRAWN BY: CB	SCALE: N.T.S.	REV: K
PREPARED BY: RJA	DATE: 07/22/08	DRAWING NO: VIN0001	SHEET: 10 OF 15

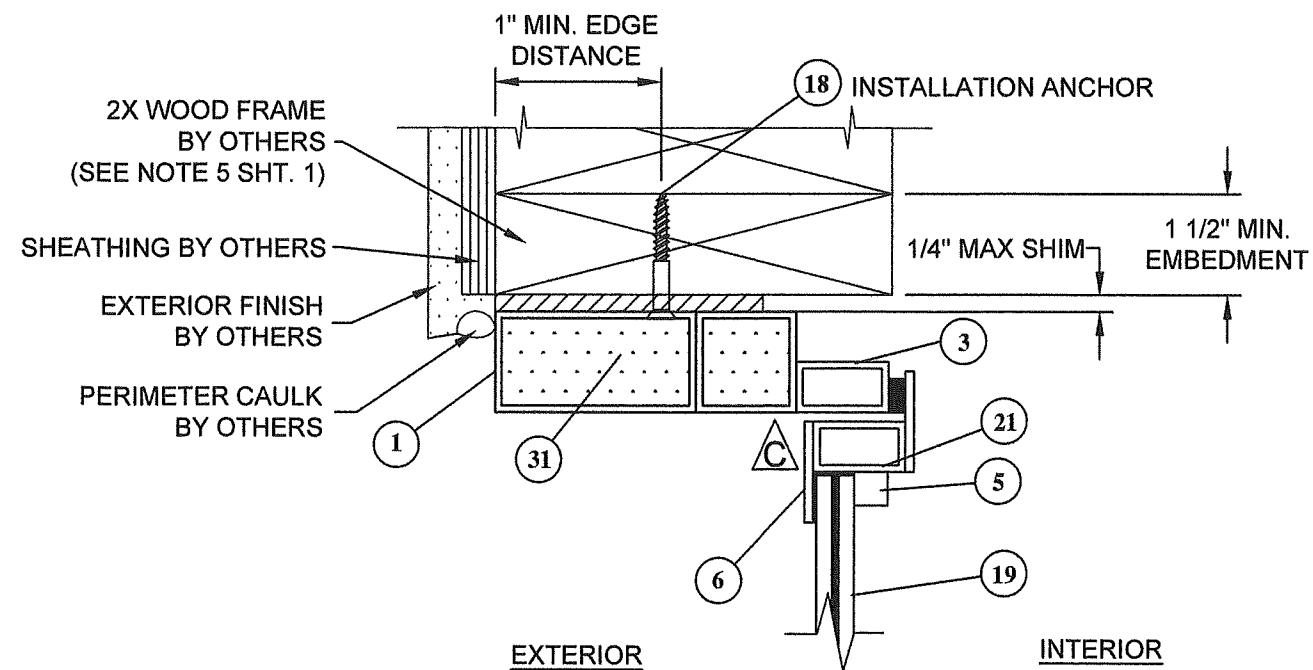




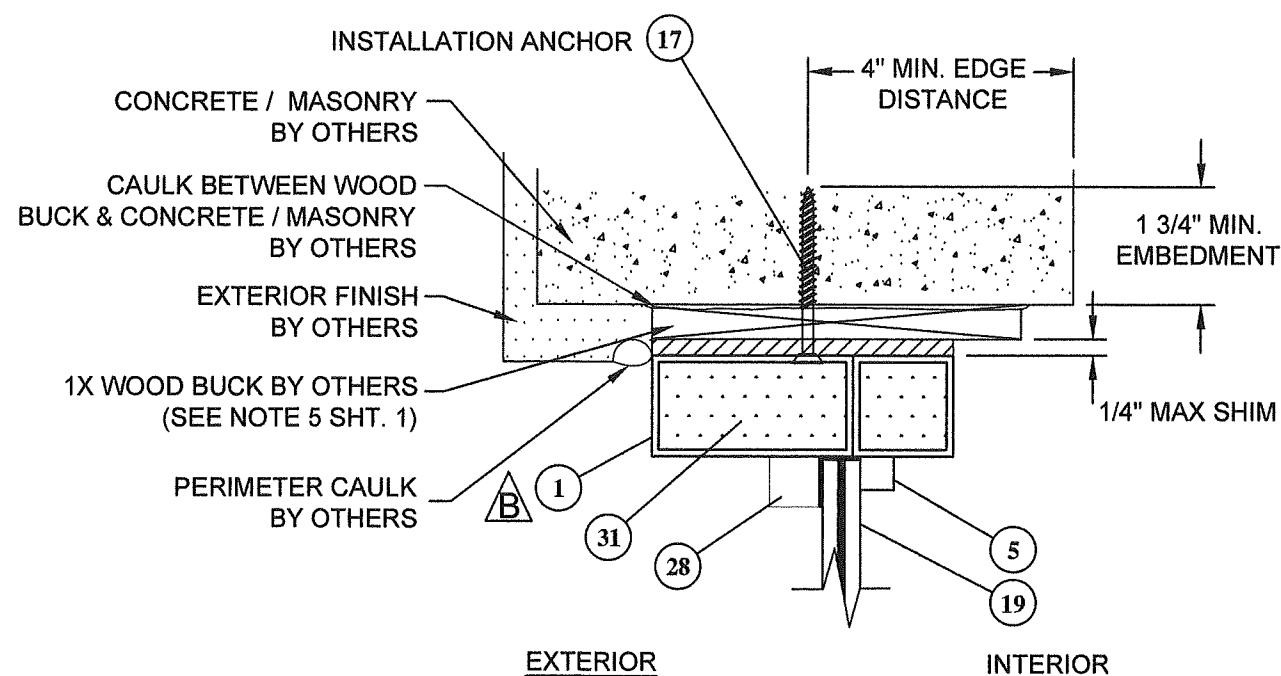
U-11 VERTICAL SECTION
HEAD FRAME - SIDELITE W/ OPT. OPERABLE GLAZING
CONCRETE / MASONRY

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1129.01
Expiration Date 04/15/2025

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

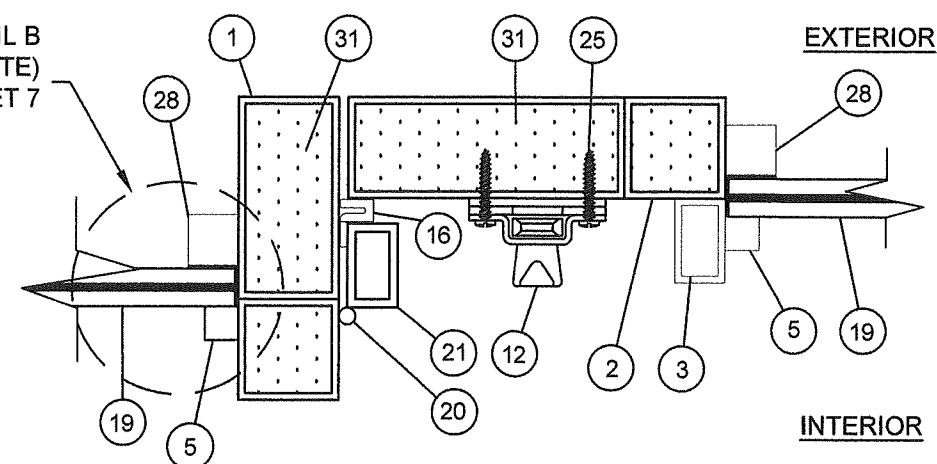


V-11 VERTICAL SECTION
HEAD FRAME - SIDELITE W/ OPT. OPERABLE GLAZING
WOOD SUBSTRATE



T-11 VERTICAL SECTION
HEAD - FIXED LITE
CONCRETE / MASONRY SUBSTRATE

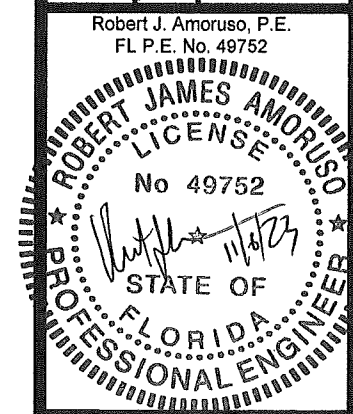
GLAZING DETAIL B
(ROTATED & OPPOSITE)
SEE SHEET 7

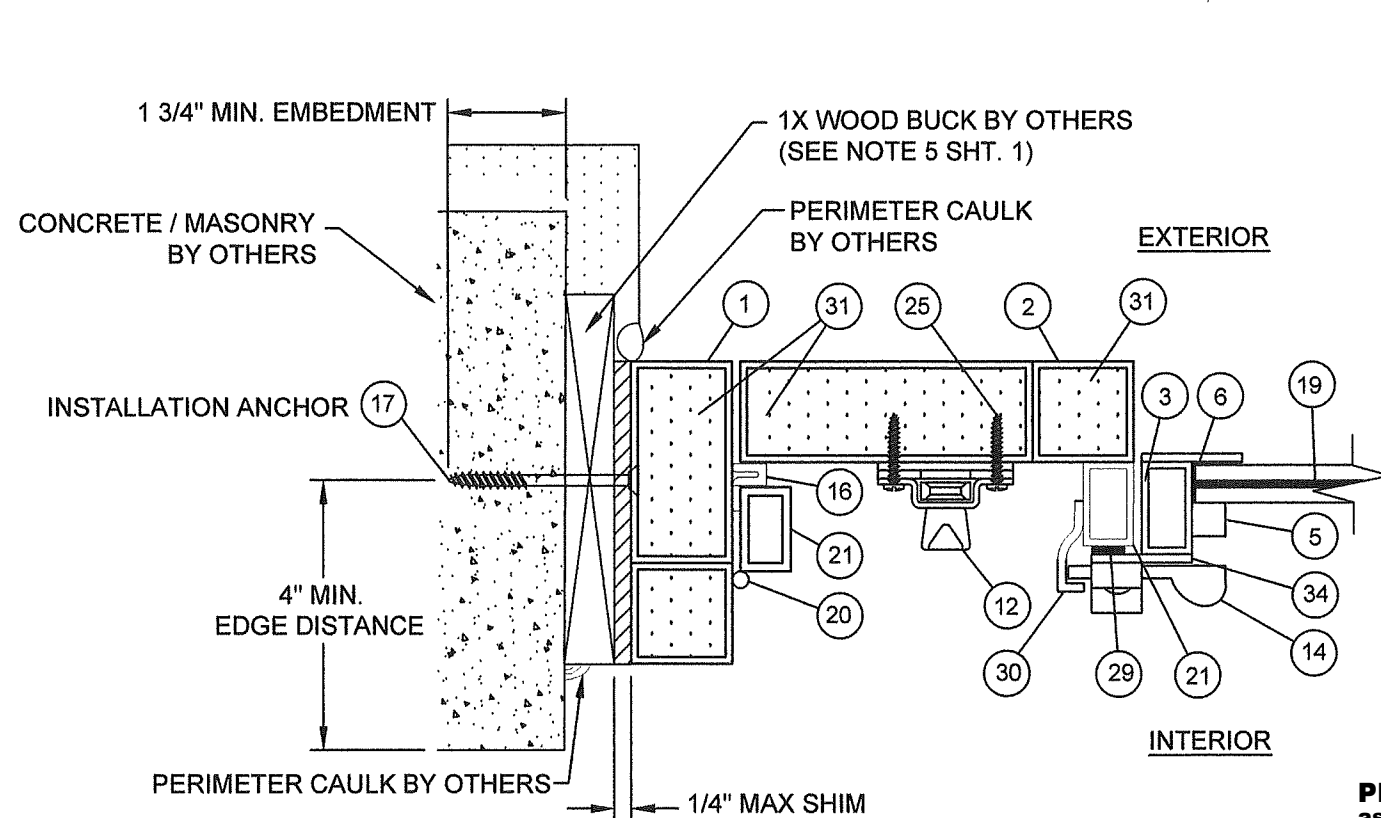


W-11 HORIZONTAL SECTION
LOCKSTILE INTO MULLION

PROJECT NO. 423-0902		RJA	10/18/23
Update to 8th Edition (2023) FBC	K	RJA	1/4/2021
Update to 7th Edition (2020) FBC	J	RJA	4/14/2020
CHANGED MANUFACTURER'S ADDRESS	H	RJA	DATE
DESCRIPTION	REV	BY	DATE

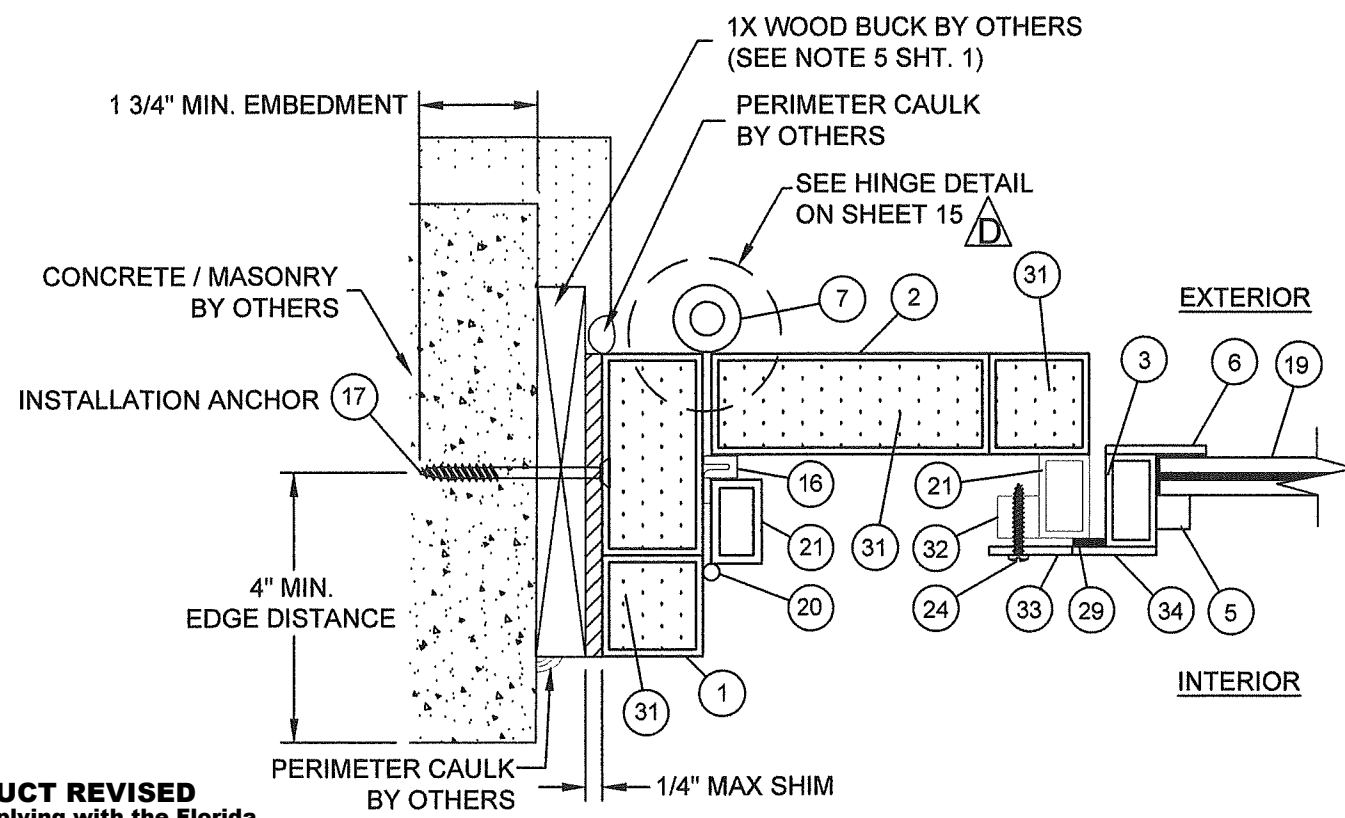
VINTAGE IRONWORKS 671 NEWBURYPORT AVE. ALTA MONTE SPRINGS, FL 32701		DATE: 07/22/08	
TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM VERTICAL AND HORIZONTAL SECTIONS		DRAWING NO: VIN0001	
DRAWN BY: CB		SCALE: N.T.S.	
PREPARED BY: K		SHEET: 11 OF 15	
FIC PRODUCT DESIGN GROUP, LLC LONGWOOD, FLORIDA 32752 Phone 321.690.1789 Fax 321.690.1789 Email: info@fic-corp.com		REV: 11 OF 15	



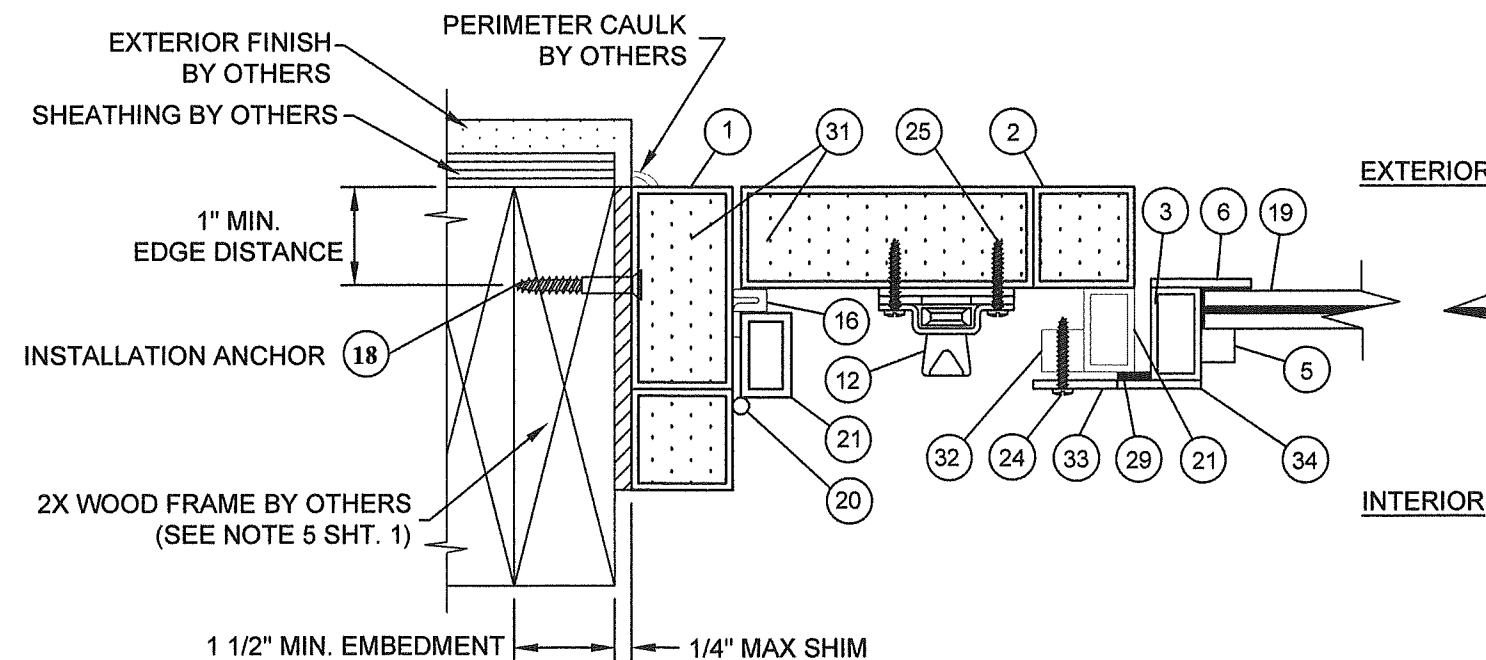


**Y
12** **HORIZONTAL SECTION**
JAMB - LOCKSTILE INTO
CONCRETE / MASONRY SUBSTRATE
W/ OPTIONAL OPERABLE GLAZING

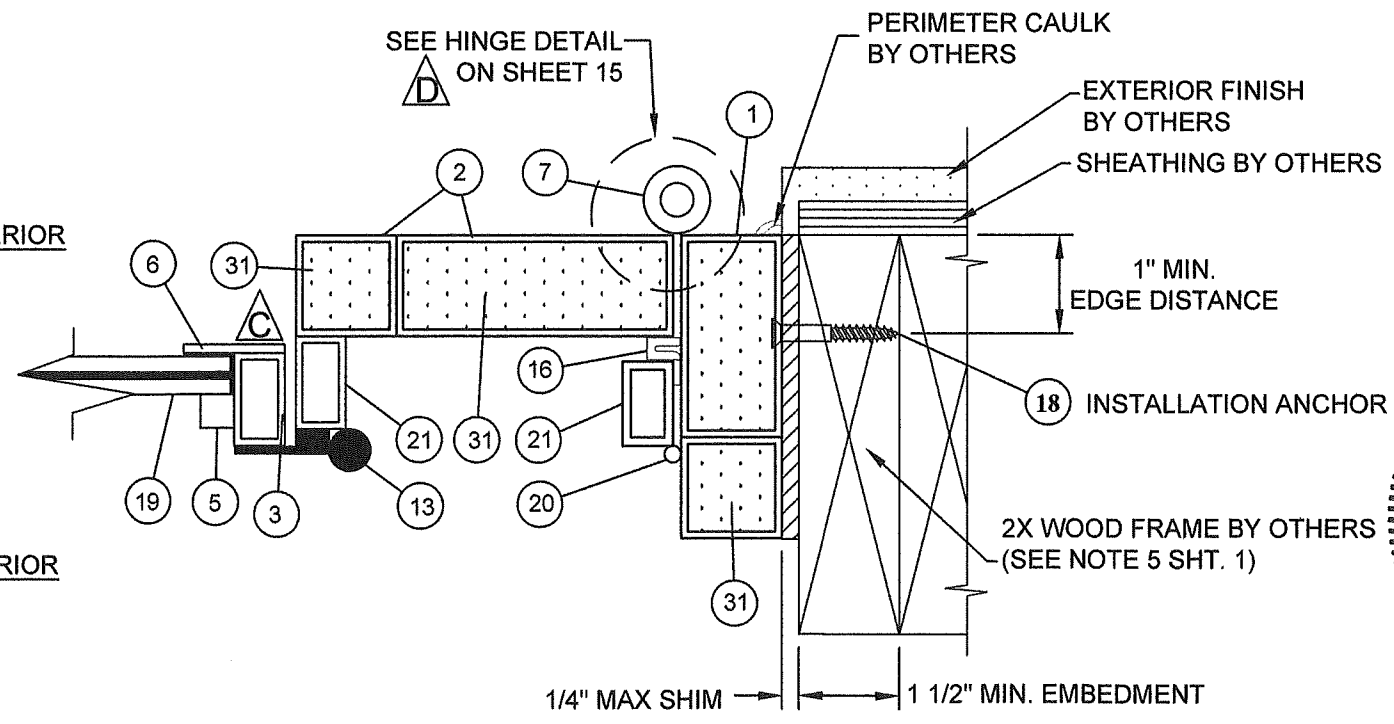
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1129.01
Expiration Date 04/15/2025
By *Ishag I. Chank*
Miami-Dade Product Control



**Z
12** **HORIZONTAL SECTION**
HINGE STILE INTO CONCRETE SUBSTRATE
W/ OPTIONAL OPERABLE GLAZING



**X
12** **HORIZONTAL SECTION**
JAMB - LOCKSTILE INTO
WOOD SUBSTRATE
W/ OPTIONAL OPERABLE GLAZING



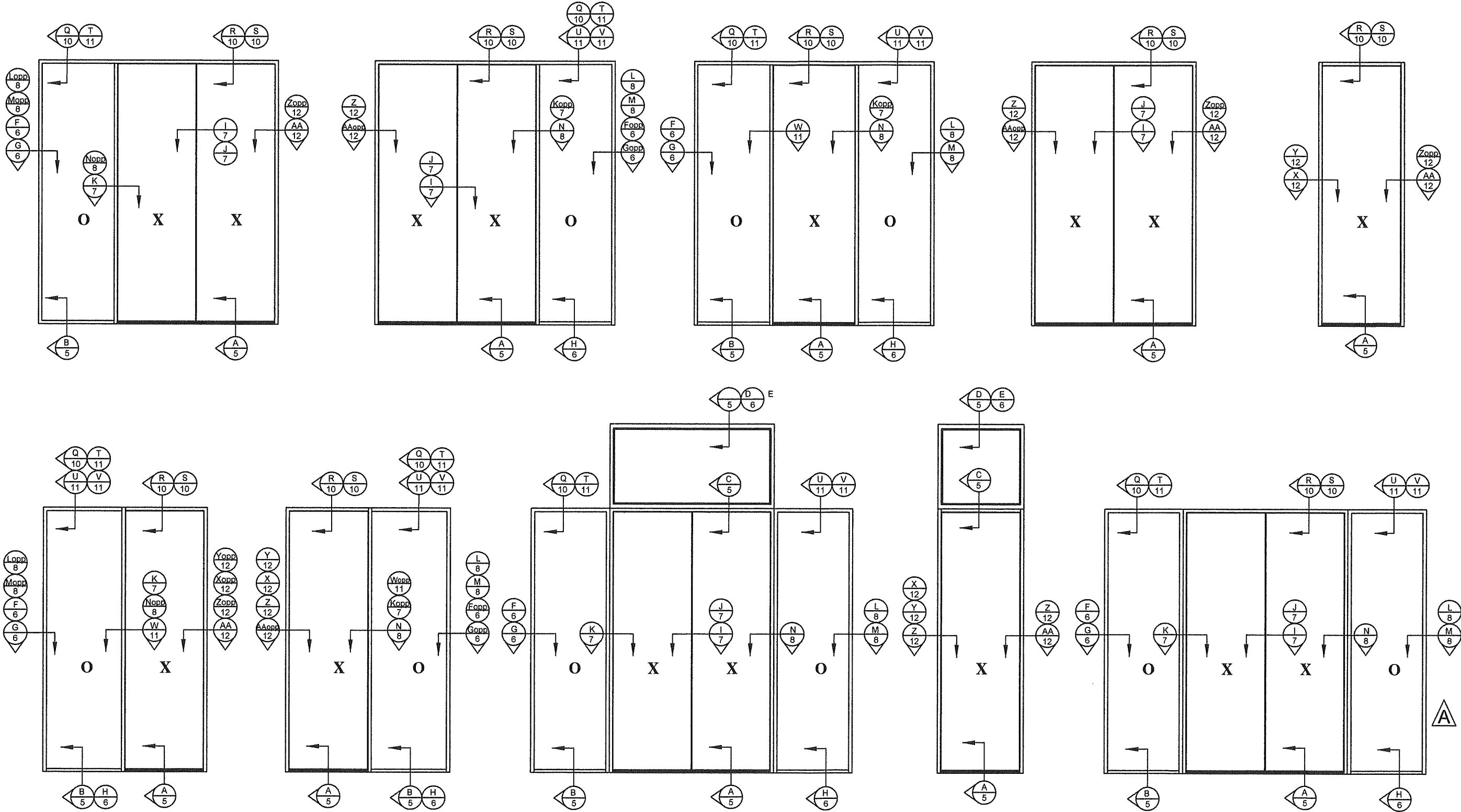
**AA
12** **HORIZONTAL SECTION**
HINGE STILE INTO CONCRETE SUBSTRATE
W/ OPTIONAL OPERABLE GLAZING

PROJECT NO. 423-0902	RJA	RJA	RJA	BY
Update to 8th Edition (2023) FBC	10/18/23	1/4/2021	4/14/2020	DATE
Update to 7th Edition (2020) FBC	J	H	H	REV
CHANGED MANUFACTURER'S ADDRESS				DESCRIPTION

VINTAGE IRONWORKS 671 NEWBURYPORT AVE. ALTA MONTE SPRINGS, FL 32701	DATE: 07/22/08	DRAWING NO: VIN0001	SHEET: 12 OF 15
TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM	DRAWN BY: CB	SCALE: N.T.S.	REV: K
PREPARED BY: <i>Robert J. Amoroso, P.E.</i>			

Robert J. Amoroso, P.E. FL P.E. No. 49752	STATE OF FLORIDA PROFESSIONAL ENGINEER
--	---

QUALIFIED CONFIGURATIONS



NOTE: ALL QUALIFIED CONFIGURATIONS REQUIRE SURFACE BOLTS ON ALL DOOR PANELS.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1129.01
Expiration Date 04/15/2025
By Ishag I. Chande
Miami-Dade Product Control

PROJECT NO. 423-0902

Update to 8th Edition
(2023) FBC

Update to 7th Edition (2020)
FBC

CHANGED MANUFACTURER'S
ADDRESS

DATE

10/18/23

1/4/2021

4/14/2020

REV

VINTAGE IRONWORKS
671 NEWBURYPORT AVE.
ALTA MONTE SPRINGS, FL 32701

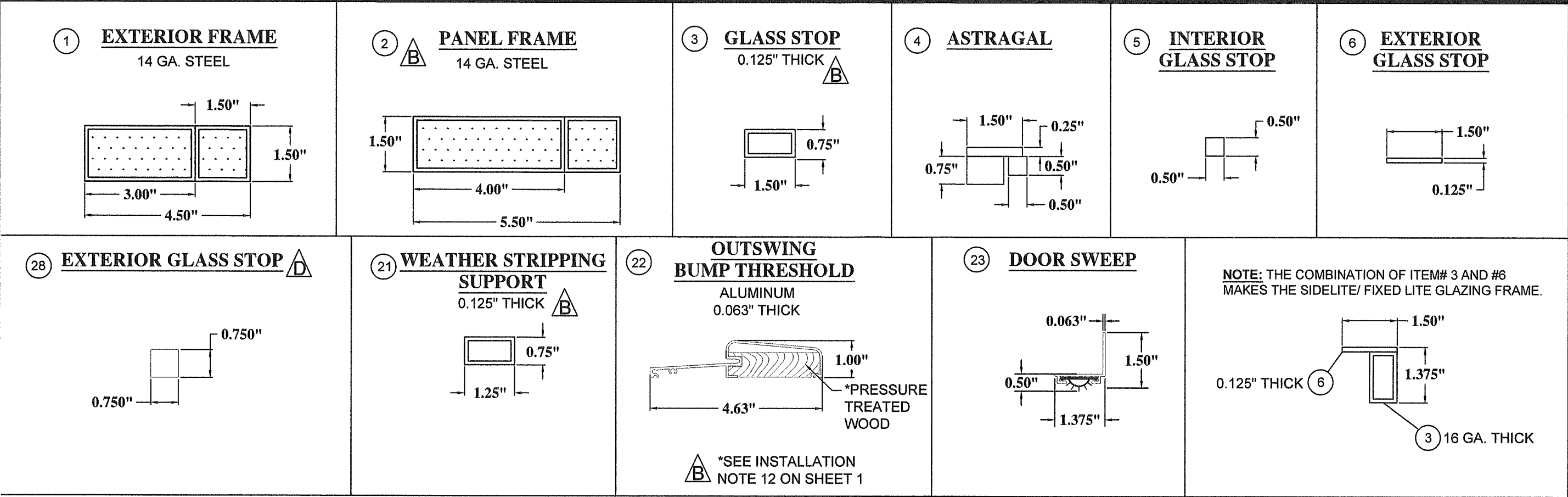
TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM
QUALIFIED CONFIGURATIONS

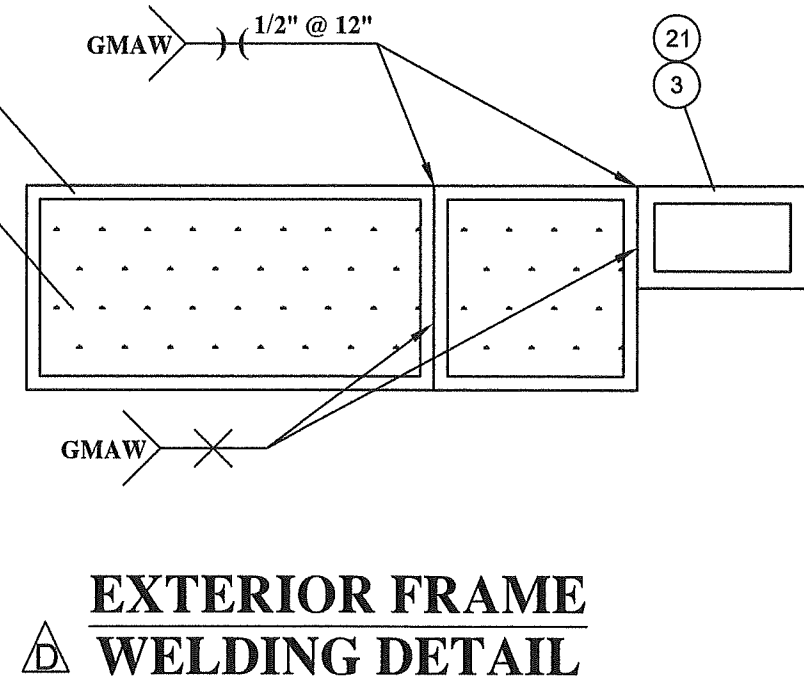
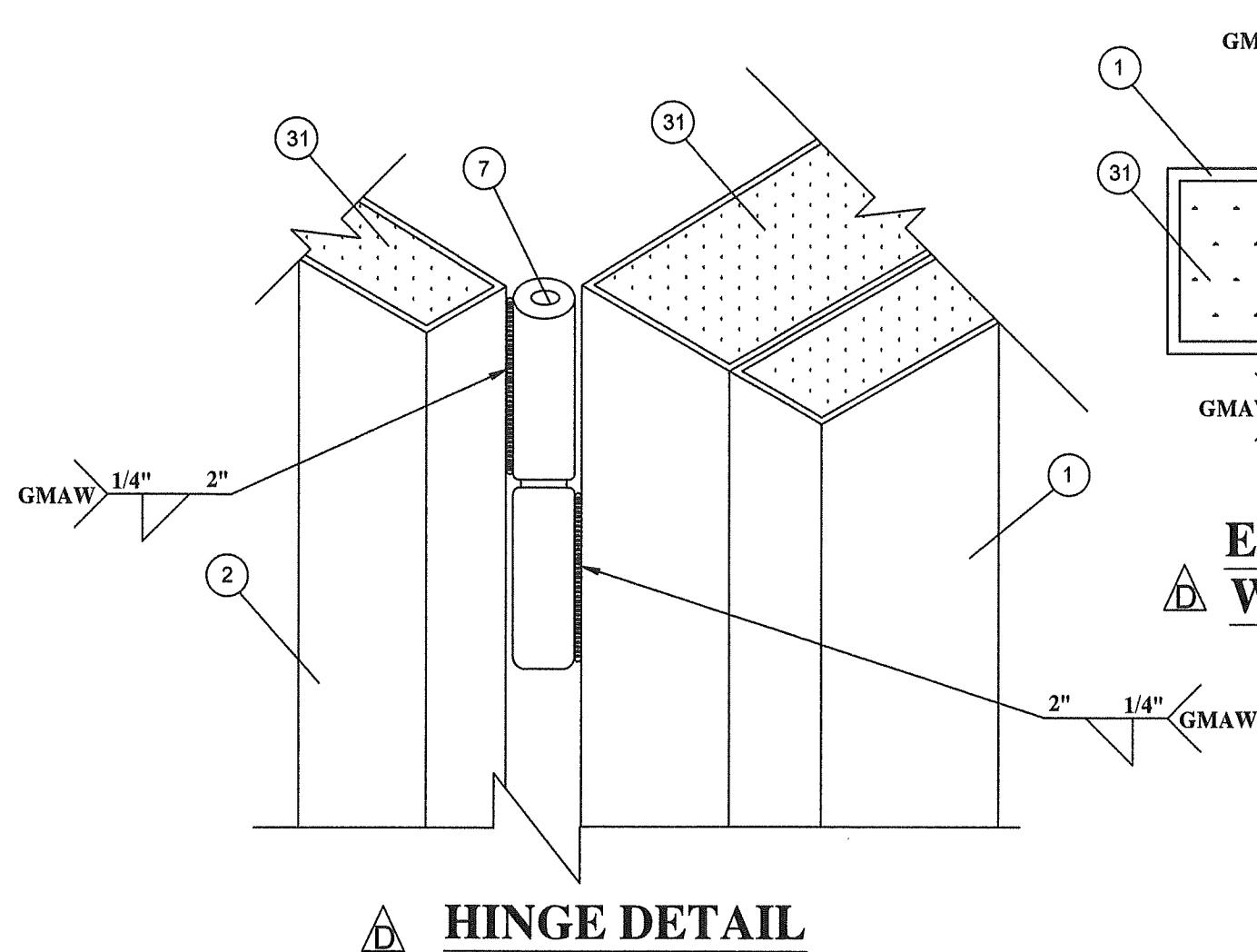
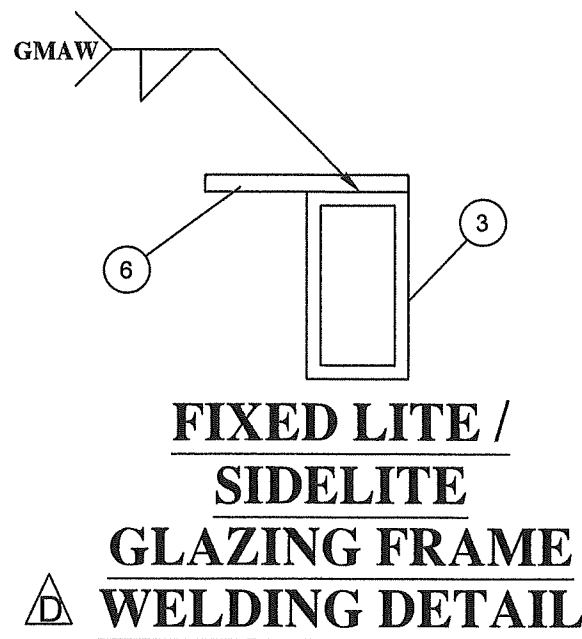
PREPARED BY: CB
SCALE: N.T.S.
REV: K

DATE: 07/22/08
DRAWING NO: VIN0001
SHEET: 13 OF 15

FIC PRODUCT DESIGN GROUP, LLC
P.O. BOX 59075
LONGWOOD, FLORIDA 32752
Phone 321.680.1788
Fax 321.680.1789
FBPE Cert. of Authorization No. 25835 Email: info@fic-corp.com

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





PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1129.01
Expiration Date 04/15/2025
By Ishag I. Chande
Miami-Dade Product Control

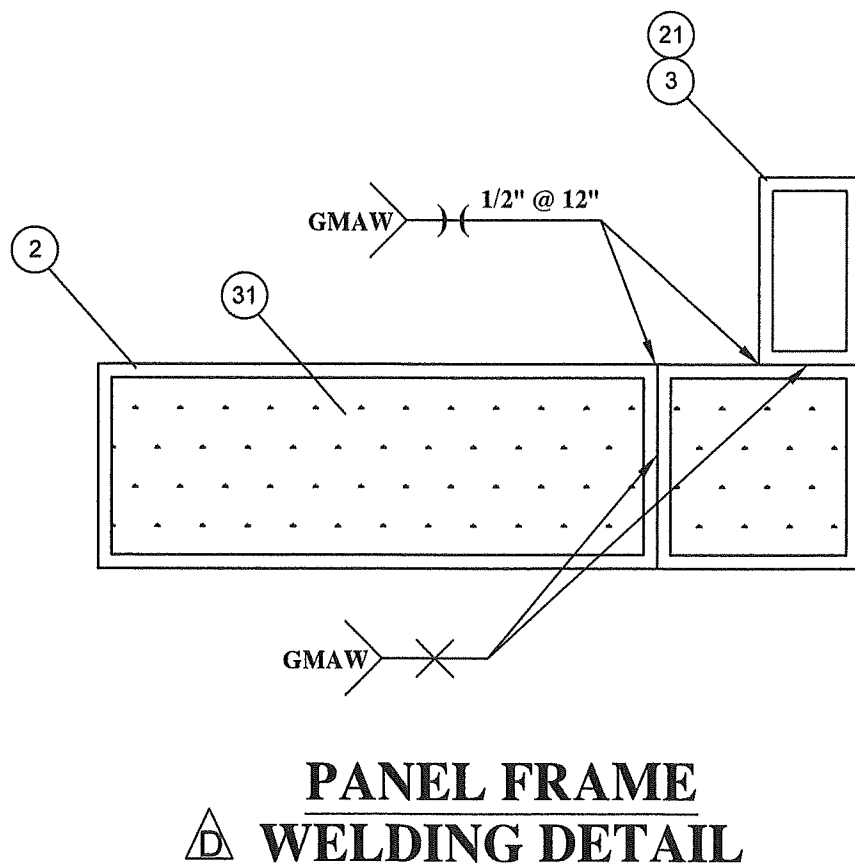
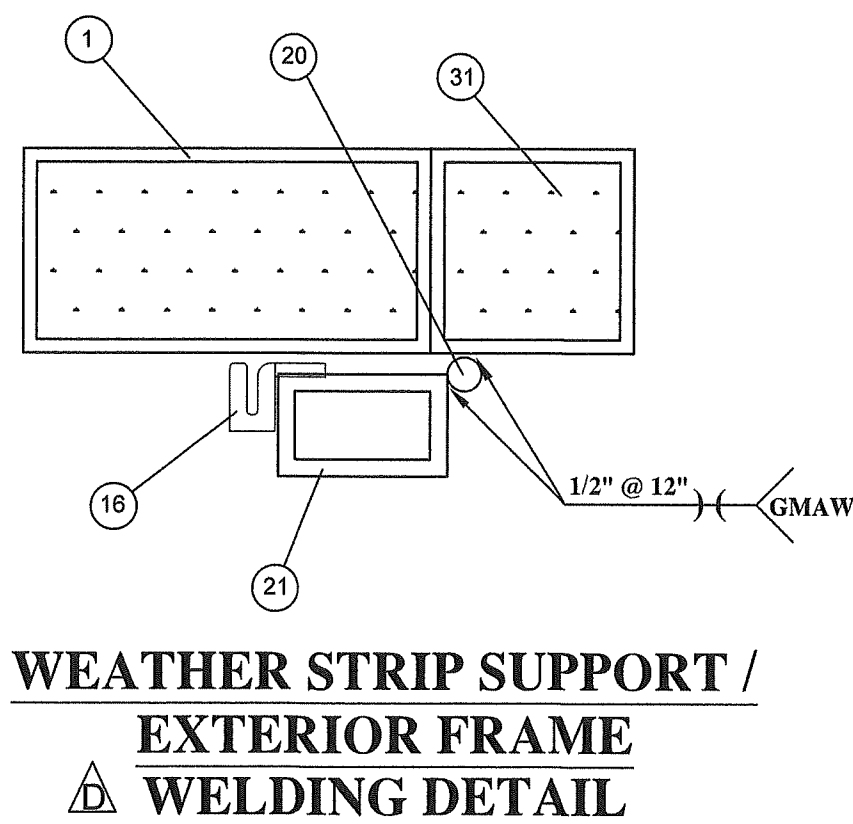


TABLE 1											
SOLID MIG WIRE: AWS ER70S-6 This is a copper coated, mild steel solid welding wire that is formulated with a high deoxidizer content to provide excellent welding performance with CO2 and argon rich shielding gasses. Ideal for short circuit transfer general fabrication welding. Produces an exceptionally smooth and stable arc with minimal spatter and offers good wetting characteristics that allow for uniform tie-in. It is a great choice for welding light to moderately scaled, oily or rusty plates. It can also be recommended for spray transfer arc welding applications.	TYPICAL APPLICATIONS Pressure vessels, pipe, shaft build up, tanks, farm implements, steel castings, auto body, collision repair and very thin sheet metal. Excellent choice when welding with wire feed speeds ranging from very slow to moderately fast.										
Typical Wire Chemistry Carbon .09 Manganese 1.55 Silicon .84 Phosphorus .011 Sulfur .015 Copper .115	Welding Positions All Positions Shielding Gas CO2 or 75% Air / 25% CO2										
Typical Mechanical Properties (AW): CO2 Tensile Strength (psf) 90,000 Yield Strength (psf) 73,000 Elongation % in 2" 25%	Operating Range Amps <table border="1"> <tr> <th>Wire Dia.</th><th>Amps</th></tr> <tr> <td>.023"</td><td>35-70</td></tr> <tr> <td>.030"</td><td>50-100</td></tr> <tr> <td>.035"</td><td>100-150</td></tr> <tr> <td>.045"</td><td>150-200</td></tr> </table>	Wire Dia.	Amps	.023"	35-70	.030"	50-100	.035"	100-150	.045"	150-200
Wire Dia.	Amps										
.023"	35-70										
.030"	50-100										
.035"	100-150										
.045"	150-200										
	Approvals and Conformances AWS, A5.18, ER70S-6 *ASME SFA 5.18, F-6, A-1										



PROJECT NO. 423-0902	RJA	RJA	RJA	BY
Update to 8th Edition (2023) FBC	10/16/23	1/4/2021	4/14/2020	DATE
Update to 7th Edition (2020) FBC	J	H	REV	
CHANGED MANUFACTURER'S ADDRESS				
DESCRIPTION				

VINTAGE IRONWORKS 671 NEWBURYPORT AVE. ALAMONTE SPRINGS, FL 32701	DATE: 07/22/08	DRAWING NO: VIN0001	SHEET: 15 OF 15
TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM WELDING SCHEDULE AND DETAILS	DRAWN BY: CB	SCALE: N.T.S.	REV: K
PREPARED BY:	PHONE: 321.680.1788	FAX: 321.680.1789	EMAIL: info@pic-corp.com
PIC PRODUCT DESIGN GROUP, LLC P.O. BOX 52077 LONGWOOD, FLORIDA 32752			

Robert J. Amoroso, P.E.
FL P.E. No. 49752
Professional Engineer
No 49752
STATE OF FLORIDA
11/6/23