



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION
11805 S.W. 26th Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
<http://www.miamidade.gov/economy/>

Vintage Ironworks, LLC
987 Josiane Court, Suite 1062,
Altamonte Springs, 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 PERA-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. PERA 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 Steel Outswing Doors with & without Sidelights & Transoms – L.M.I.

APPROVAL DOCUMENT: Drawing No. VIN0001, titled series “Steel Outswing Doors w/ & w/o Sidelights & Transoms”, sheets 1 through 15 of 15, dated 07/22/08 with revision “E” dated 05/09/12, 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, model/ series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

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

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

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

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

This NOA revises NOA No. 08-0807.21 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P. E.**



J. Gascon
7/24/12

NOA No. 12-0604.02
Expiration Date: April 15, 2014
Approval Date: August 02, 2012
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under previous NOA No. 08-0807.21)
2. Drawing No. **VIN0001**, titled series "Steel Outswing Doors w/ & w/o Sidelights & Transoms", sheets 1 through 15 of 15, dated 07/22/08 with revision "E" dated 05/09/12, 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 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 202-94along 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.
(Submitted under previous NOA No. 08-0807.21)

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

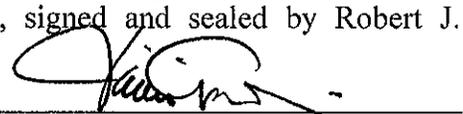
1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **08-0206.01** issued to Solutia Inc. for their "**Saflex HP a polyvinyl butryal interlayer for lamination of glass**" dated 04/17/08, expiring on 04/17/13.

F. STATEMENTS

1. Statement letter of no financial interest, conformance and complying with **FBC-2010**, issued by PTC, LLC, dated 05/10/12, prepared, signed and sealed by Robert J. Amoruso, P. E.



Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 12-0604.02
Expiration Date: April 15, 2014
Approval Date: August 02, 2012

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS (CONTINUED)

2. Laboratory compliance letter for Test Report No. NCTL 210-3485-1, dated 12/04/07, issued by National Certified Test Laboratory, Inc., signed and sealed by Gerard J. Ferrara, P. E.
(Submitted under previous NOA No. 08-0807.21)

G. OTHERS

1. Notice of Acceptance No. **08-0807.21**, issued to Vintage Ironworks, LLC for their Series "**Steel Outswing Doors with & without Sidelights & Transoms - L.M.I.**", approved on 04/15/09 and expiring on 04/15/14.



Jaime D. Gascon, P.E.
Product Control Section Supervisor
NOA No. 12-0604.02
Expiration Date: April 15, 2014
Approval Date: August 02, 2012

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 2007 AND 2010 FLORIDA BUILDING CODE (FBC), INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ) REQUIREMENTS, AND AT THE DESIGN PRESSURES STATED HEREIN. \triangle
2. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORT #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. \triangle
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.

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.
 - 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. \triangle
 - C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90. \triangle
10. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
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. \triangle
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

\triangle TABLE OF CONTENTS		
SHEET	REV.	SHEET DESCRIPTION
1	E	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	D	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	D	COMPONENTS AND BILL OF MATERIALS
15	D	WELDING SCHEDULE AND DETAILS

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# 412-0304

DATE: 05/09/12

PER MIAMI-DADE COMMENTS

PER MIAMI-DADE COMMENTS 01/04/09

DESCRIPTION

JBH

BB

SMC

BY

VINTAGE IRONWORKS

987 JOSIANE COURT, SUITE 1064

ALTA MONTE SPRINGS, FLORIDA 32701

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

GENERAL NOTES, INSTALLATION NOTES & D.P. CHART

DATE: 07/22/08

DRAWING NO: VIN0001

SHEET: 1 OF 15

PREPARED BY: CB

SCALE: N.T.S.

REV: E

DATE: 07/22/08

DRAWING NO: VIN0001

SHEET: 1 OF 15

PTC PRODUCT DESIGN GROUP, LLC

P.O. BOX 32775

LONGWOOD, FLORIDA 32752

Phone 321.690.1758

Fax 321.690.1759

Email: info@pdc-corp.com

Robert J. Angrisio, P.E.

FL P.E. No. 49752

PRODUCT REVISED

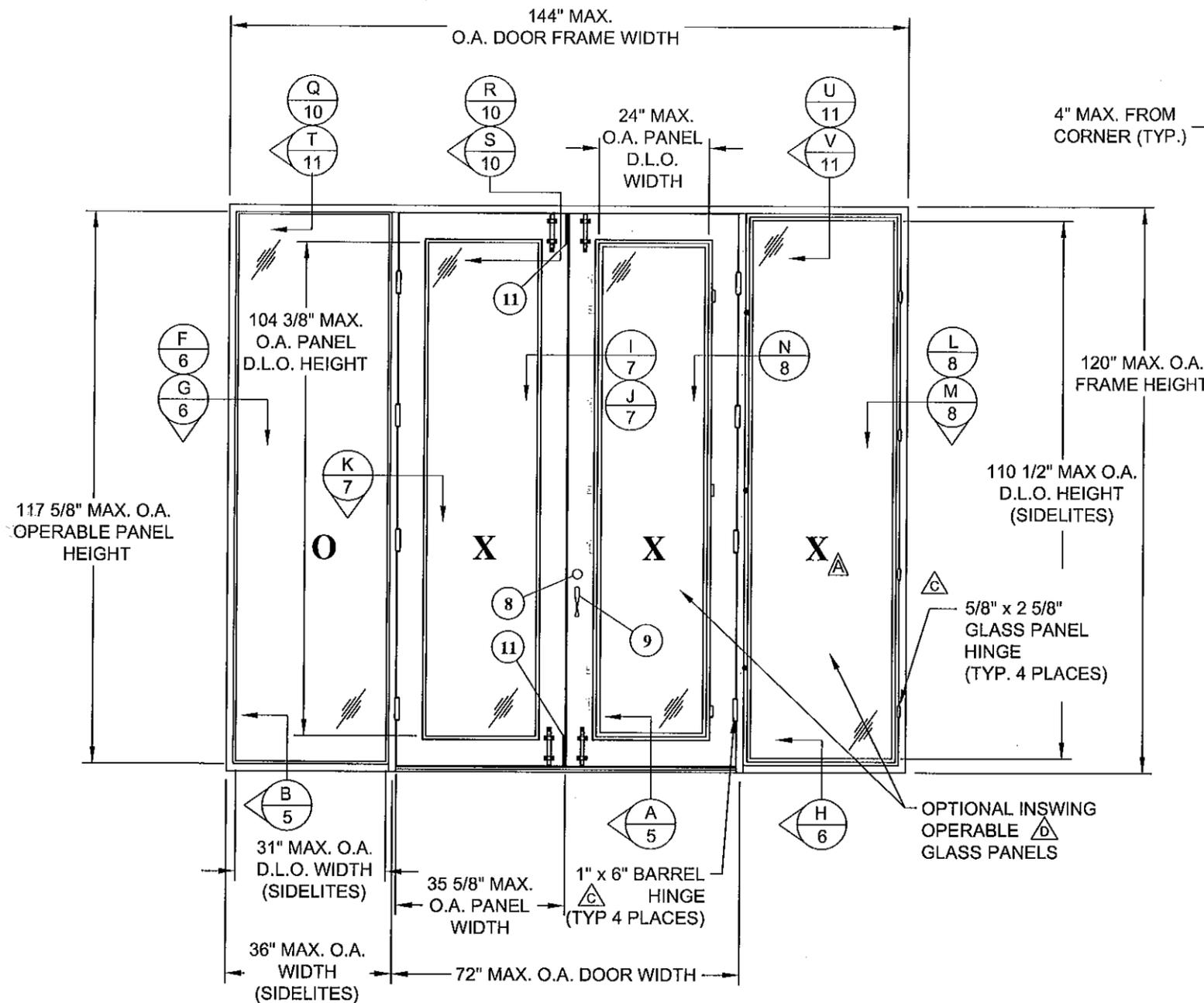
complying with the Florida

Building Code

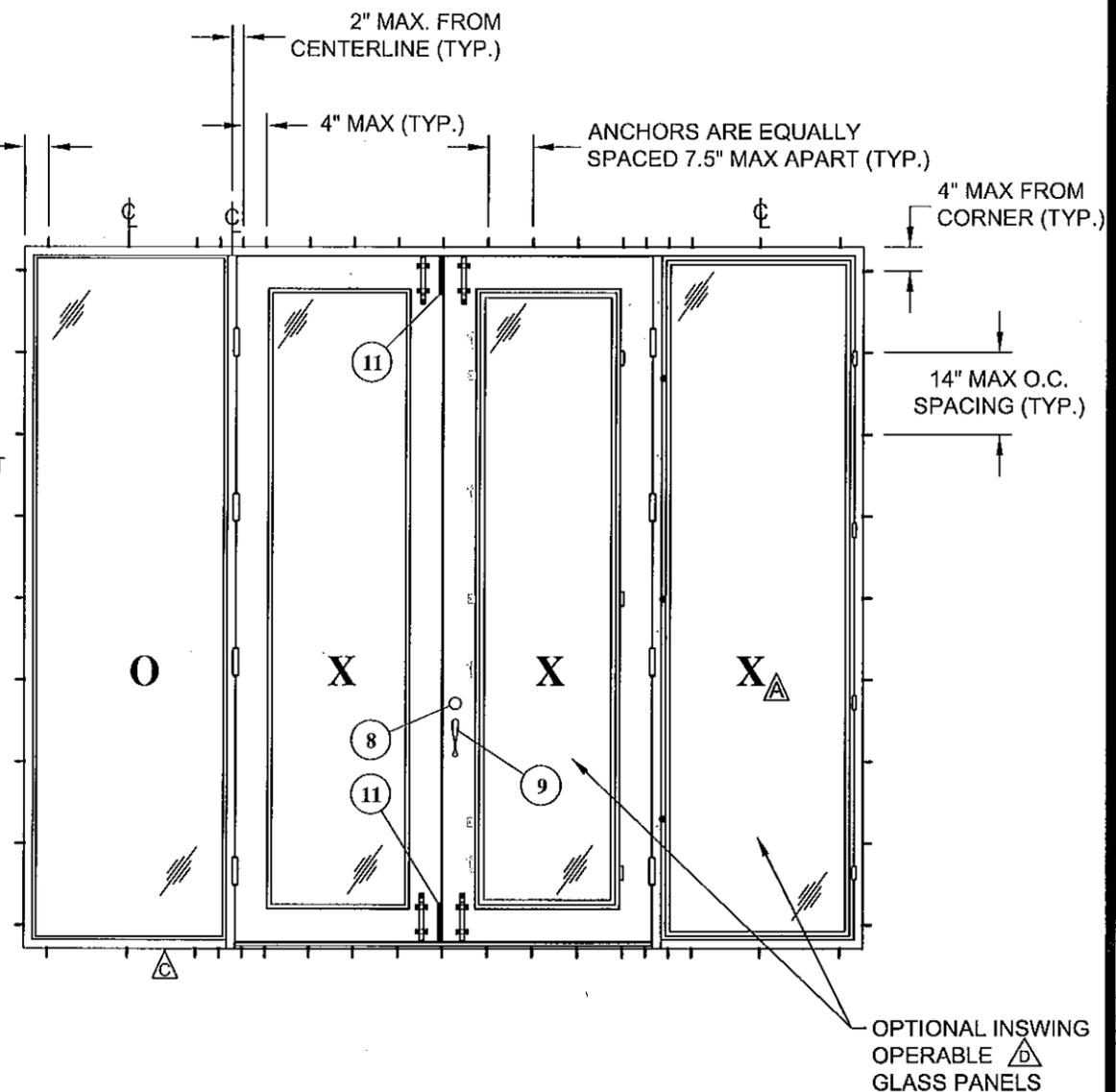
Acceptance No. 12-06004-02

Expiration Date 04/15/2014

FBPE Certificate of Authorization No. 25995



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. \triangle

PROJECT# 412-0304	
D	PER MIAMI-DADE COMMENTS 07/01/09
C	PER MIAMI-DADE COMMENTS 05/12/09
A	PER MIAMI-DADE COMMENTS 01/04/09
REV	DESCRIPTION
DATE	BY

VINTAGE IRONWORKS
987 JOSIANE COURT, SUITE 1064
ALTAMONTE SPRINGS, FLORIDA 32701

TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM ELEVATION & ANCHOR LAYOUT

PREPARED BY: CB
SCALE: N.T.S.
DATE: 07/22/08
DRAWING NO: VIN0001
SHEET: 2 OF 15

PTC PRODUCT DESIGN GROUP, LLC
P.O. BOX 520775
LONGWOOD, FLORIDA 32792
Phone 321.690.1768
Fax 321.690.1769
Email: info@pts-corp.com

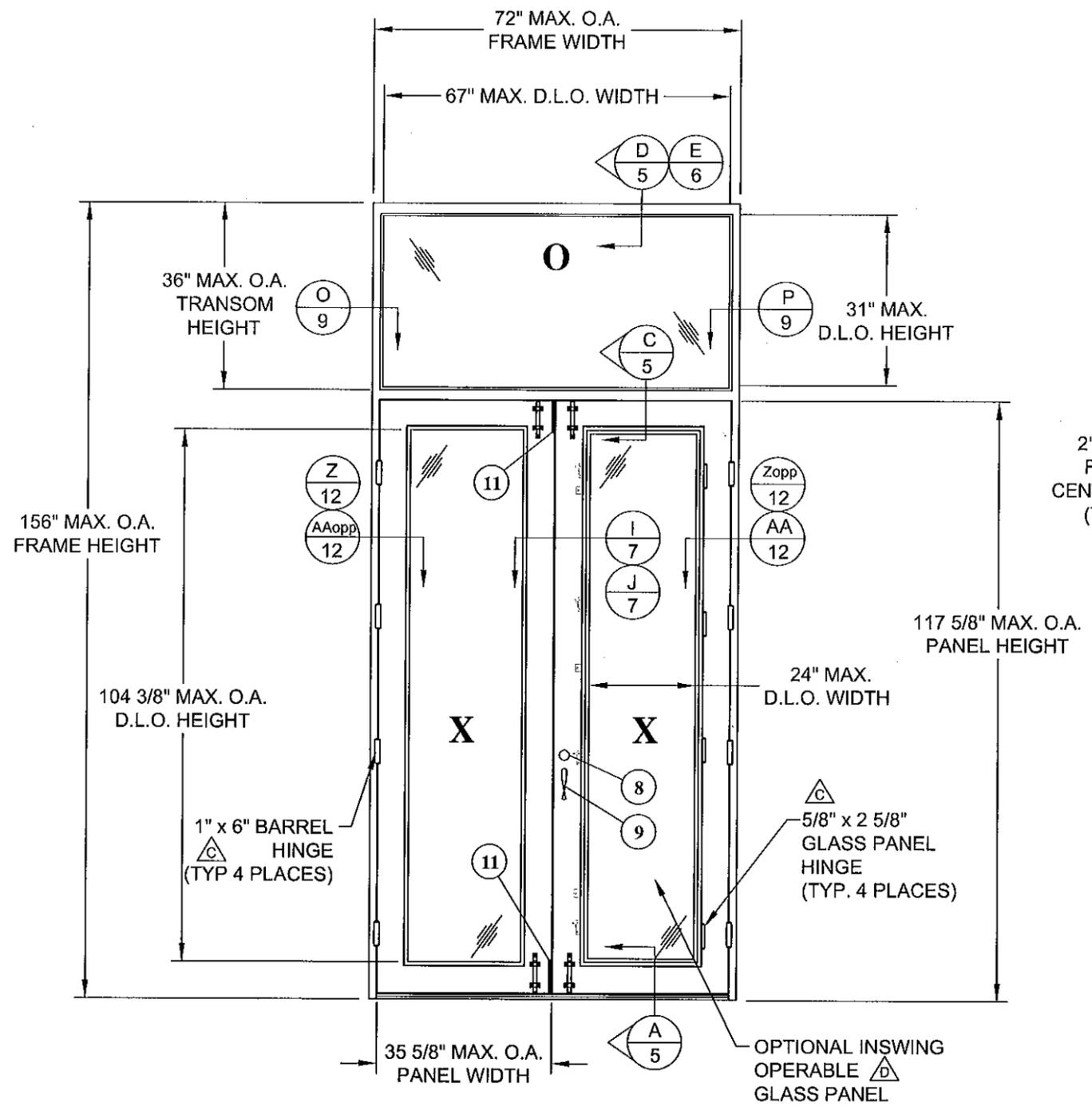
Robert J. Amoroso, P.E.
FL P.E. No. 49752

12-0604-02
12/15/2012

By: *[Signature]*
Miami Dade Product Control

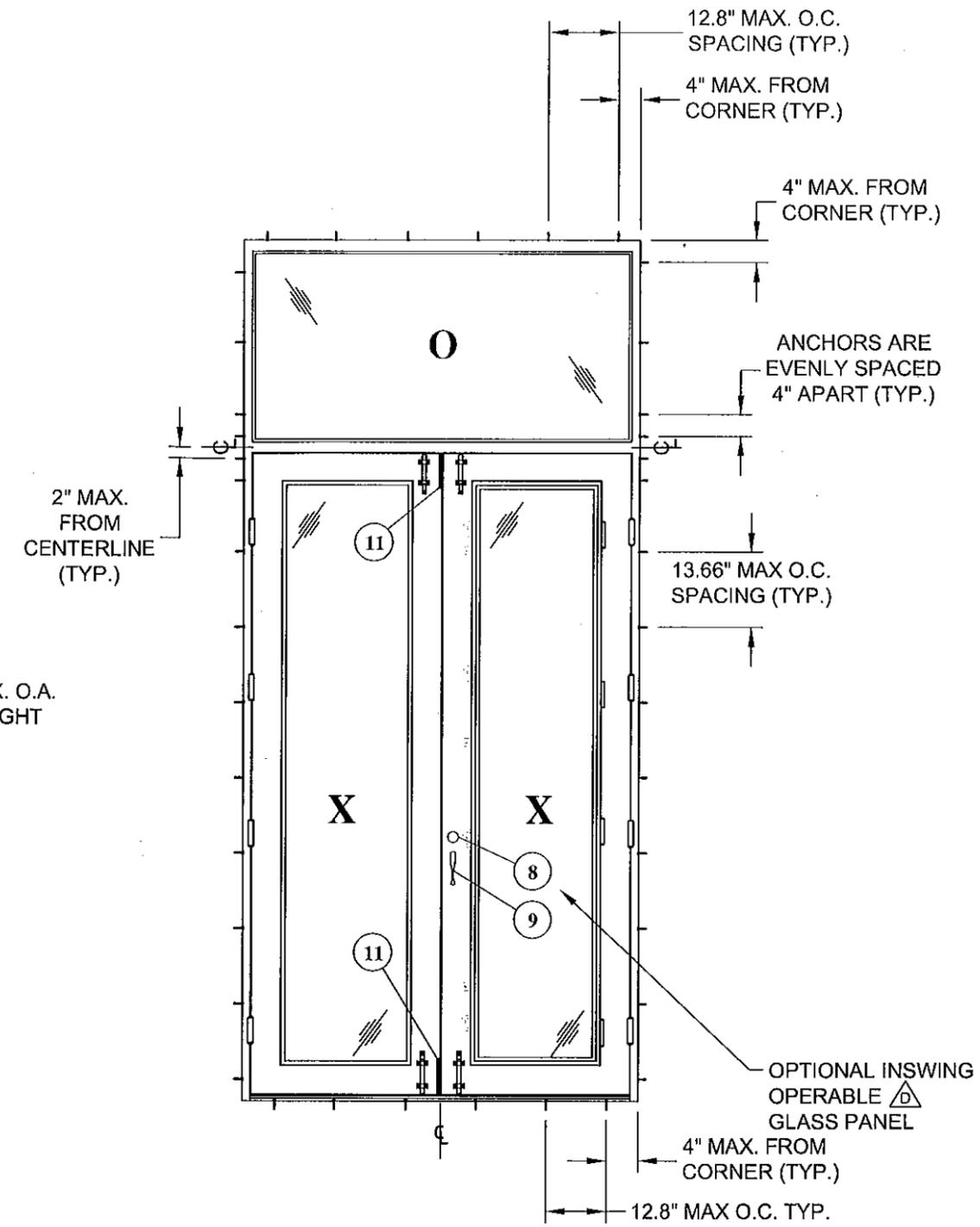
FBPE Certificate of Authorization No. 25935

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No. *[Signature]*
Expected Date: *[Signature]*
By: *[Signature]*
Miami Dade Product Control



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



ANCHOR LAYOUT
INTERIOR VIEW

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

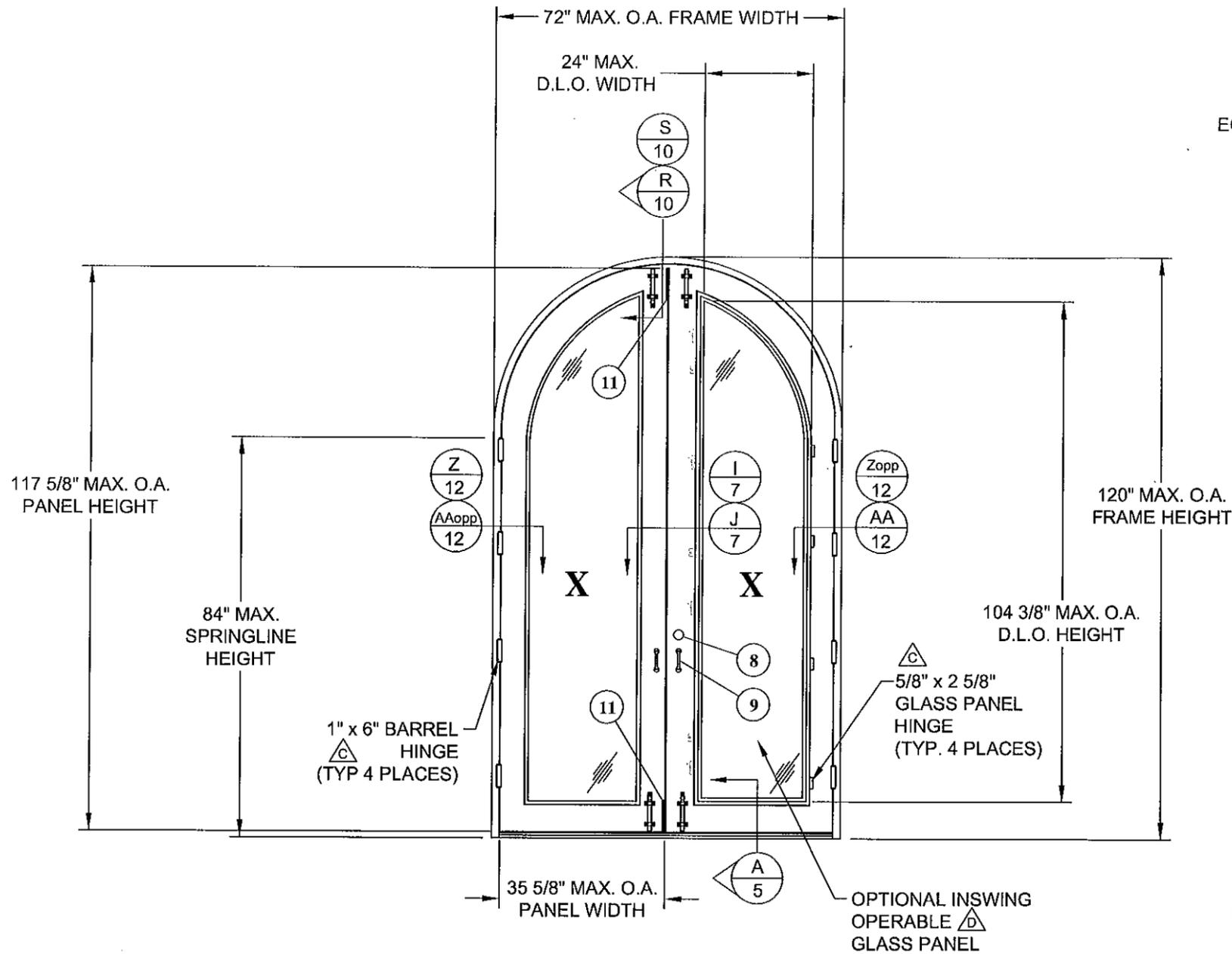
PRODUCT REVISED
is complying with the Florida
Building Code
Acceptance No. 12-06904-2
Expiration Date 04/15/2014
By *[Signature]*
Miami Dade Product Control

VINTAGE IRONWORKS
987 JOSIANE COURT, SUITE 1064
ALTAMONTE SPRINGS, FLORIDA 32701
TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM
ELEVATION & ANCHOR LAYOUT

PREPARED BY: **FTC**
FTC PRODUCT DESIGN GROUP, LLC
P.O. BOX 520775
LONGWOOD, FLORIDA 32752
Email: info@ftc-corp.com

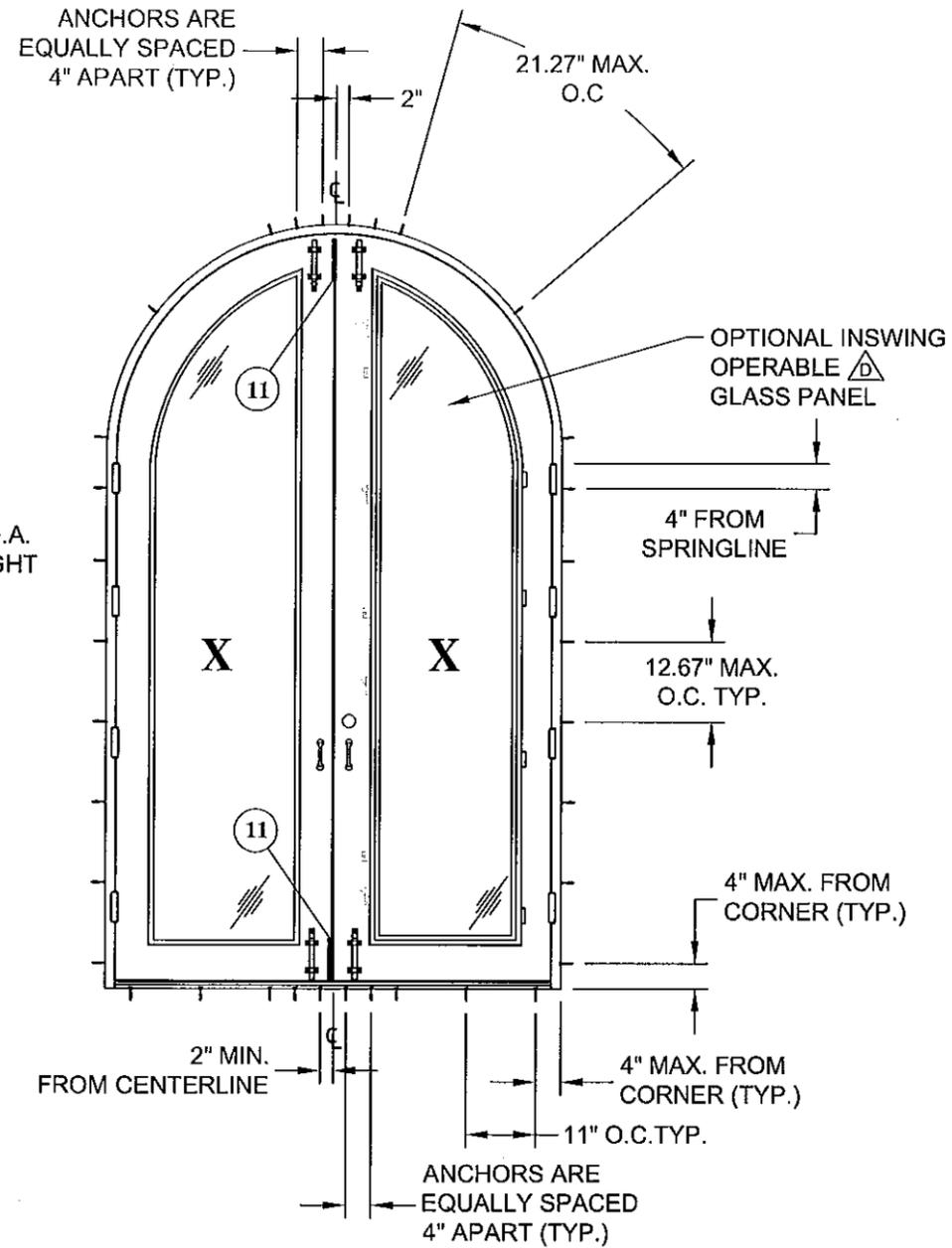
DRAWN BY: CB
SCALE: N.T.S.
DATE: 07/22/08
DRAWING NO: VIND001
SHEET: 3 OF 15

PROJECT# 412-0304	REV	DESCRIPTION	DATE	BY
	D	PER MIAMI-DADE COMMENTS 07/01/09	07/15/09	SMC
	C	PER MIAMI-DADE COMMENTS 05/12/09	06/25/09	SMC



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. \triangle

PROJECT# 412-0304

D	PER MIAMI-DADE COMMENTS 07/01/09	07/15/09	SMC
C	PER MIAMI-DADE COMMENTS 05/12/09	06/25/09	SMC
REV	DESCRIPTION	DATE	BY

VINTAGE IRONWORKS
987 JOSIANE COURT, SUITE 1064
ALTAMONTE SPRINGS, FLORIDA 32701
TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM
ELEVATION & ANCHOR LAYOUT

DRAWN BY:	CB	DATE:	07/22/08
SCALE:	N.T.S.	DRAWING NO.:	VIN0001
REV:	D	SHEET:	4 OF 15

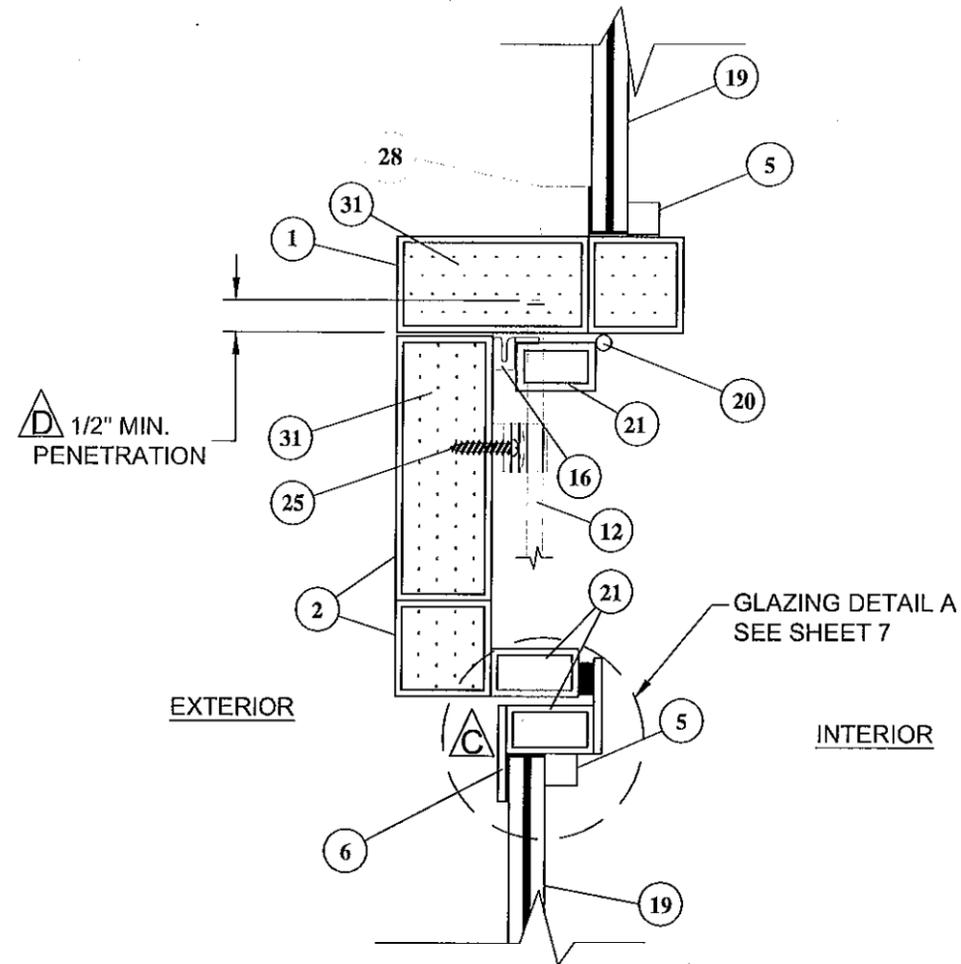
FBPE
PTC PRODUCT DESIGN GROUP, LLC
P.O. BOX 520775
LONGWOOD, FLORIDA 32752
Phone 321.690.1788
Fax 321.690.1789
Email: info@pdc-corp.com

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

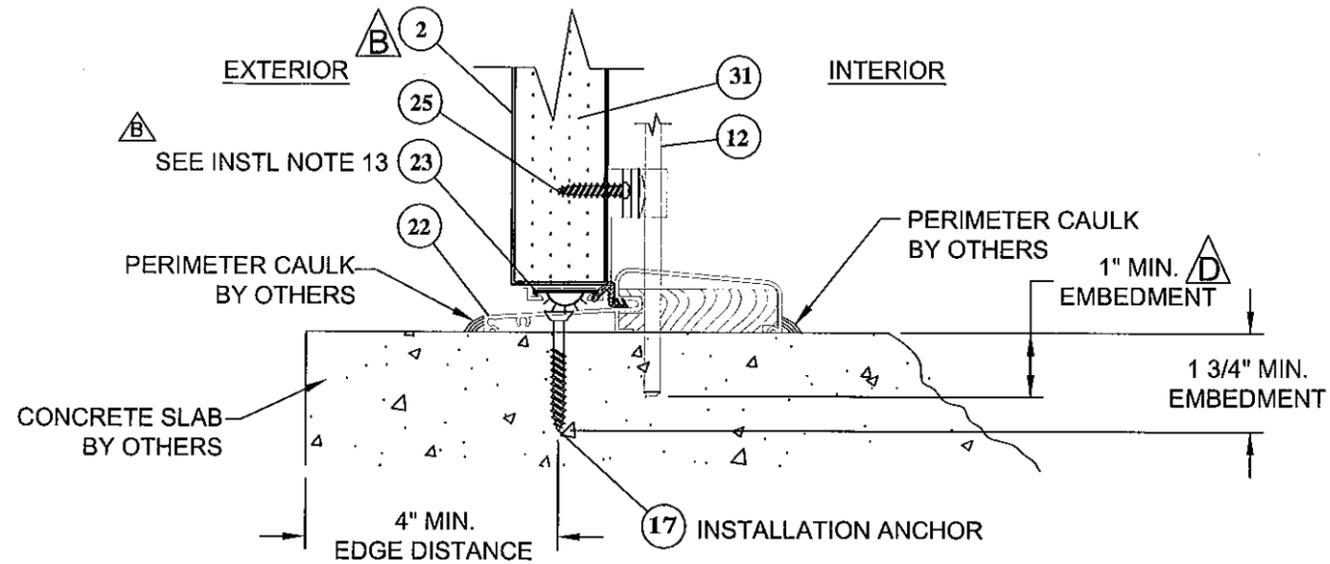
Signature: *[Handwritten Signature]*
Date: 7/10/10

PRODUCT REVISED as complying with the Florida Building Code, Acceptance No. 12-0604, Expansion/Pass 04/15/10. By: *[Handwritten Signature]* Miami Trade Product Control

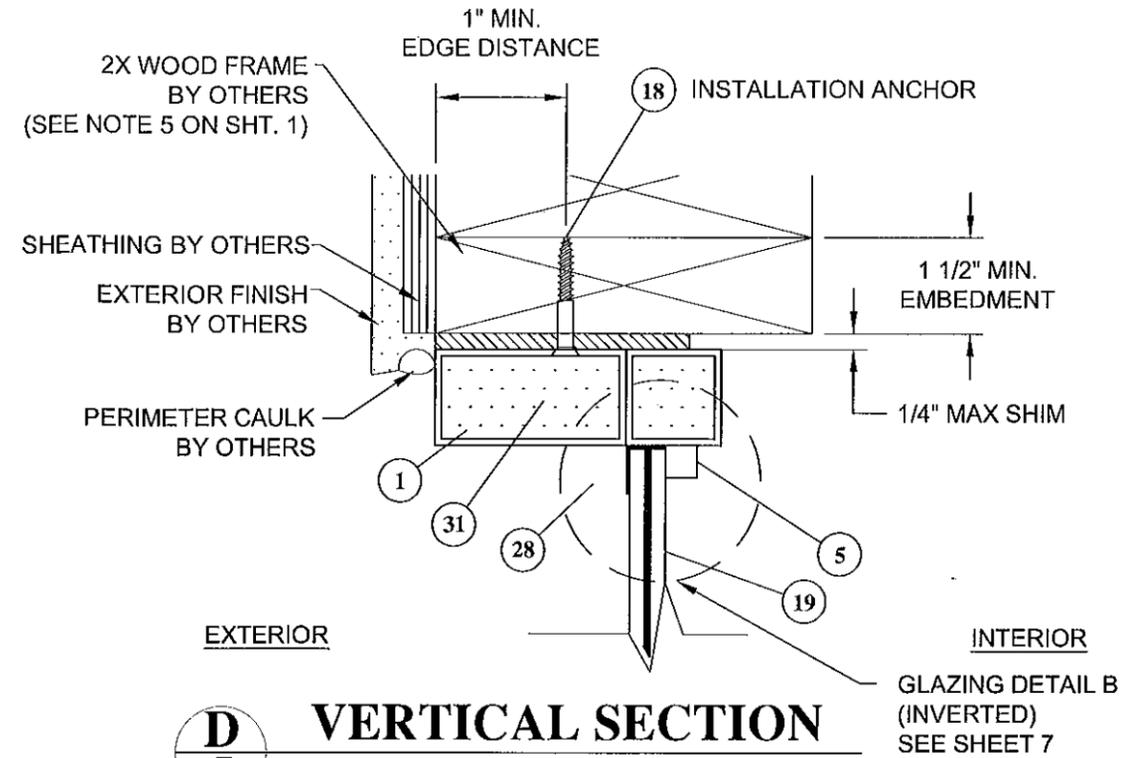
FBPE Certificate of Authorization No. 25935



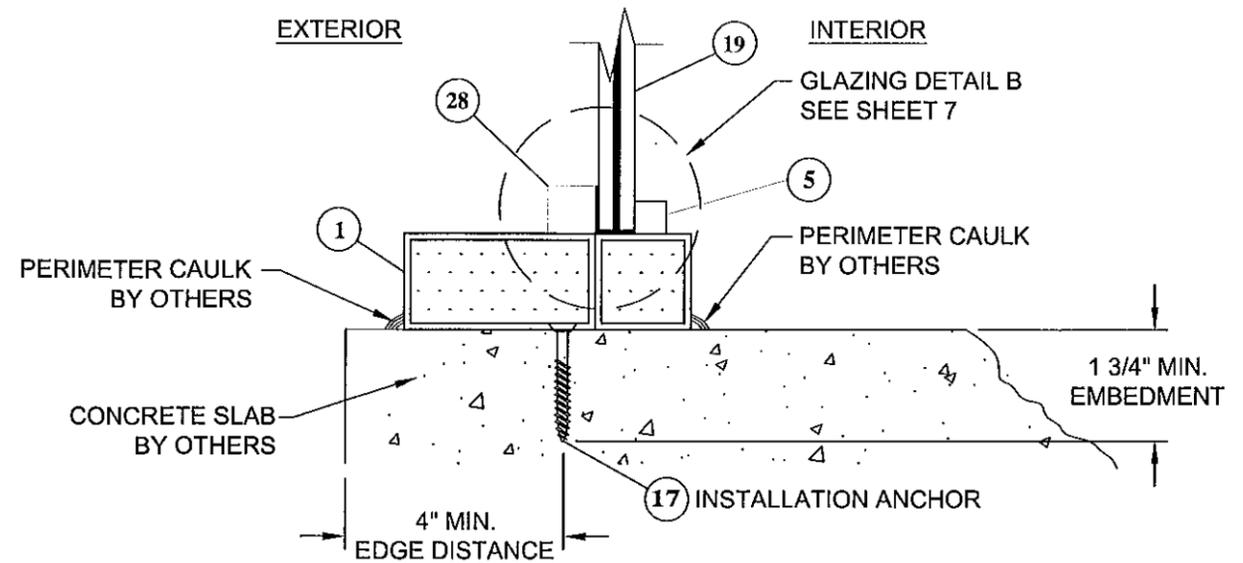
C
5 VERTICAL SECTION
HORIZONTAL MULLION



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



D
5 VERTICAL SECTION
HEAD - FIXED TRANSOM
WOOD SUBSTRATE



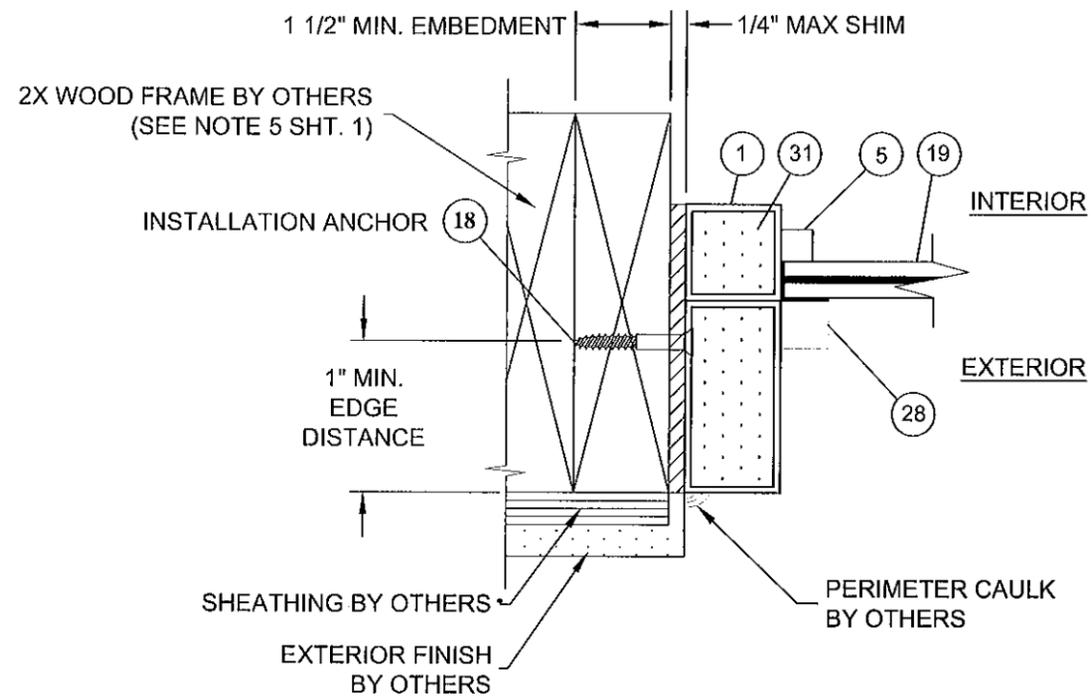
B
5 VERTICAL SECTION
SILL - FIXED LITE
CONCRETE / MASONRY SUBSTRATE

PROJECT# 412-0304	SMC	BY
PER MIAMI-DADE COMMENTS 07/01/09	07/15/09	DATE
PER MIAMI-DADE COMMENTS 05/12/09	06/25/09	REV
PER MIAMI-DADE COMMENTS 05/12/09	06/09/09	BB

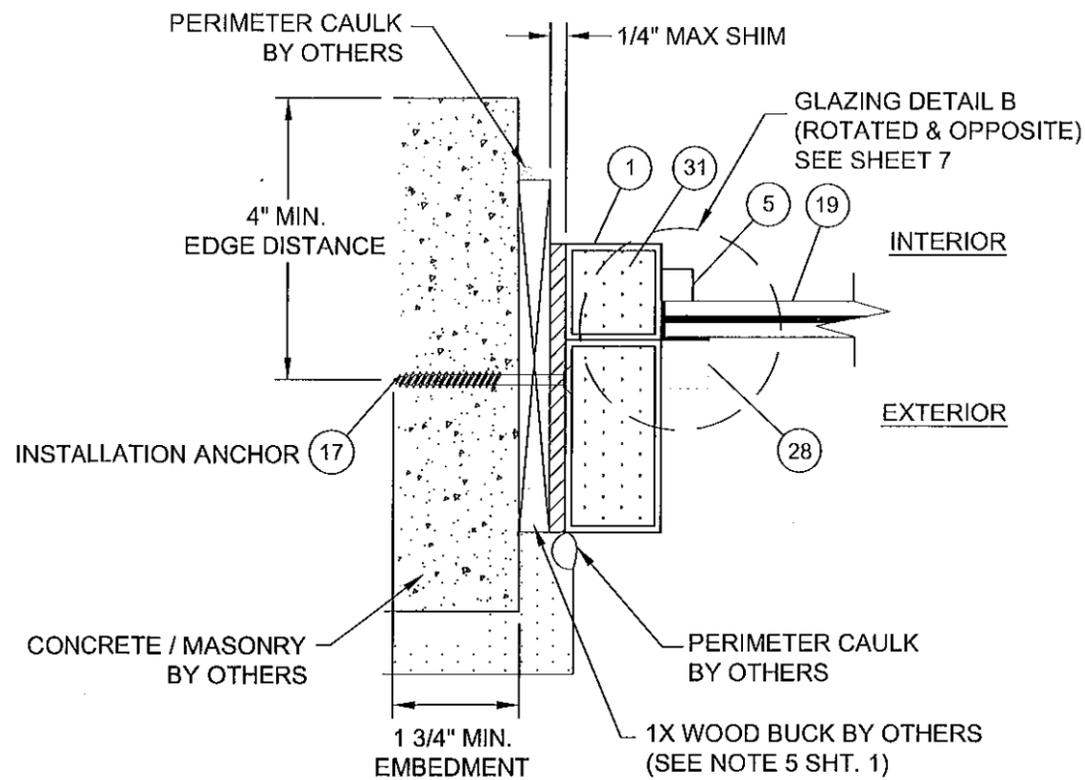
VINTAGE IRONWORKS 987 JOSIANE COURT, SUITE 1064 ALTAMONTE SPRINGS, FLORIDA 32701	DATE: 07/22/08	5 OF 15
TITLE: STEEL OUTSWING DOORS W/ W/O SIDELITES & TRANSOM VERTICAL SECTIONS	DRAWN BY: CB	REVISION: 5
PREPARED BY: PTC PRODUCT DESIGN GROUP, LLC P.O. BOX 520775 LONGWOOD, FLORIDA 32752	SCALE: N.T.S.	DRAWING NO: VIN0001
REV: info@vintage-iron.com	REV: D	REV: 5

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

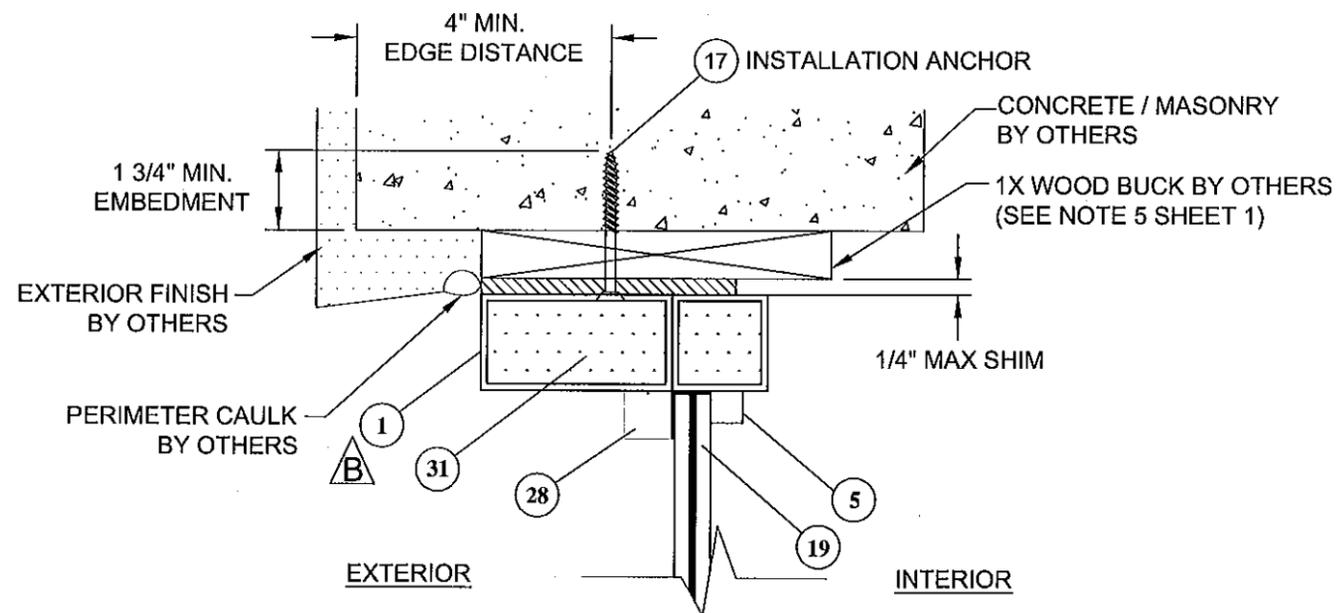
PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 12-0604-02
Exp. Date: 11/15/2014
By: [Signature]
Miami Dade Product Control
FBPE Certificate of Authorization No. 25935



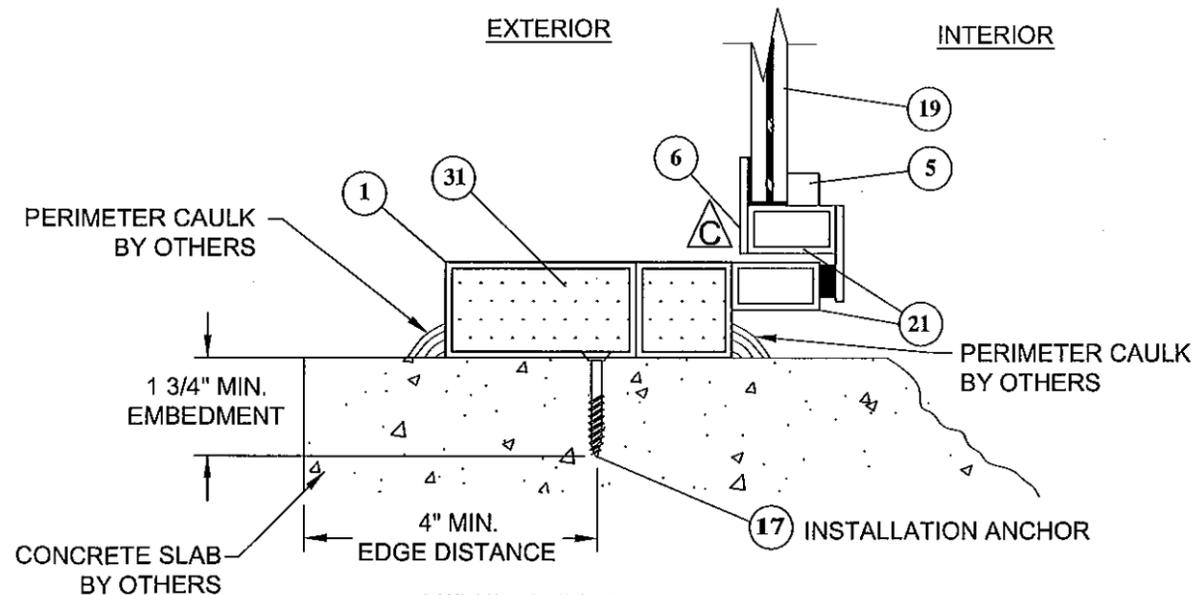
F HORIZONTAL SECTION
6 JAMB - FIXED LITE
 WOOD FRAME SUBSTRATE



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# 412-0304		SMC	BY
C	PER MIAMI-DADE COMMENTS 05/12/09	06/25/09	BB
B	PER MIAMI-DADE COMMENTS 05/12/09	06/09/09	BB
REV	DESCRIPTION	DATE	BY

VINTAGE IRONWORKS
 987 JOSIANE COURT, SUITE 1064
 ALTAMONTE SPRINGS, FLORIDA 32701

TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM VERTICAL AND HORIZONTAL SECTIONS

DATE: 07/22/08
 DRAWING NO: VIN0001
 SCALE: N.T.S.
 SHEET: 6 OF 15

PREPARED BY: CB
 DRAWN BY: N.T.S.
 REV: C

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

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

WJG

12-0604-02

12-0604-02

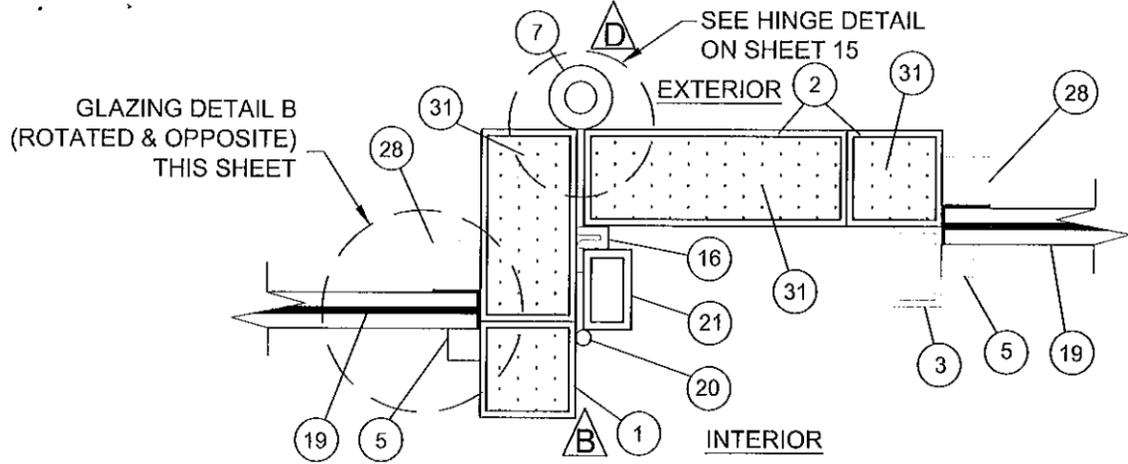
12-0604-02

12-0604-02

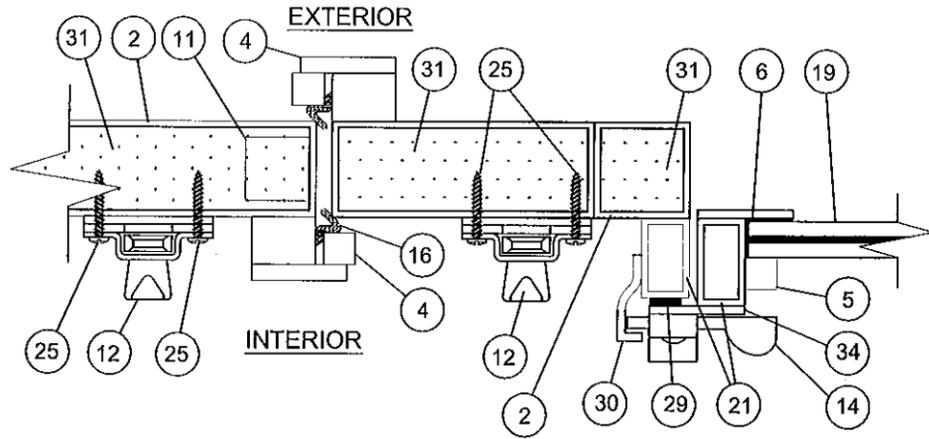
PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 12-0604-02 Expiration Date 04-15-2014

By *WJG*
 Miami Dade Product Control

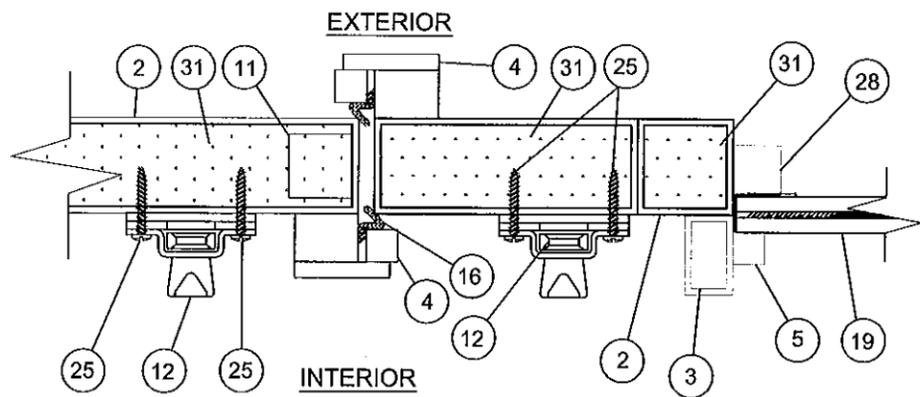
FBPE Certificate of Authorization No. 25935



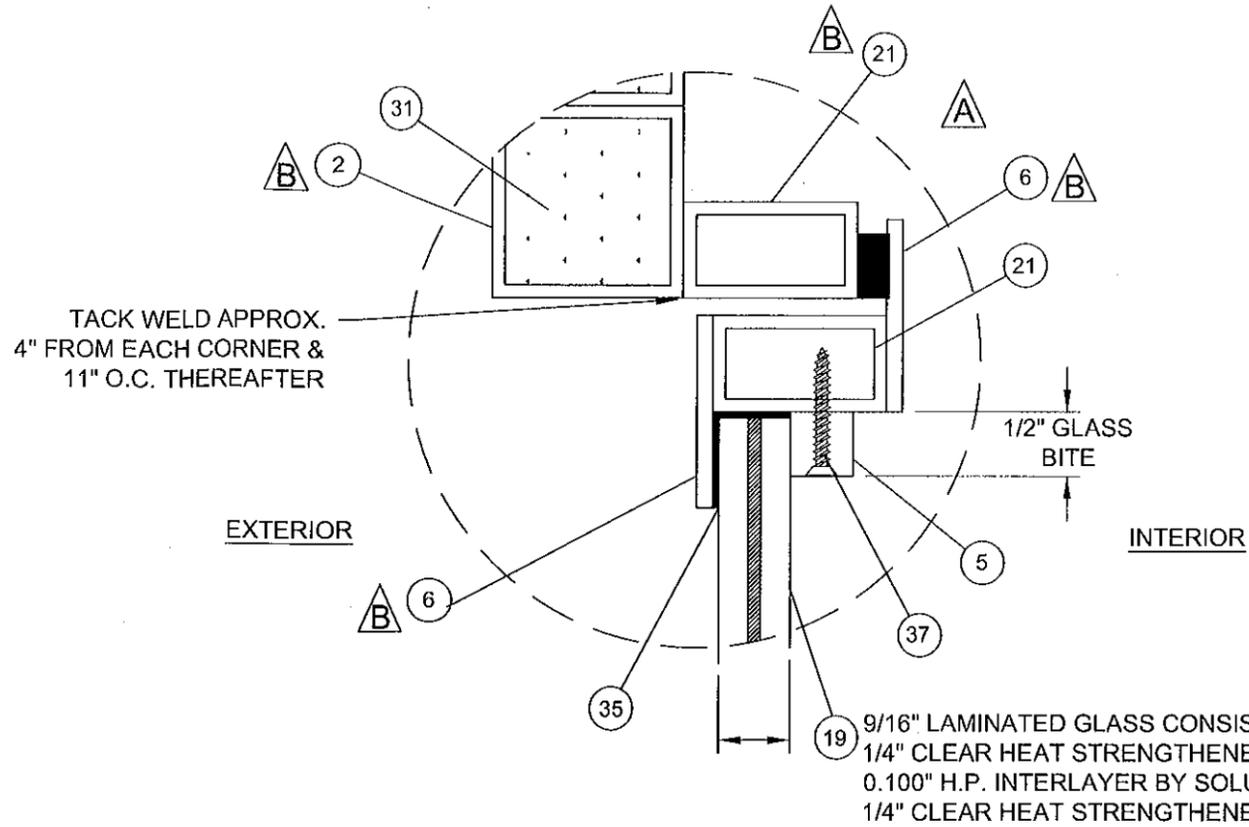
K HORIZONTAL SECTION
7 VERTICAL MULLION
 AT FIXED LITE



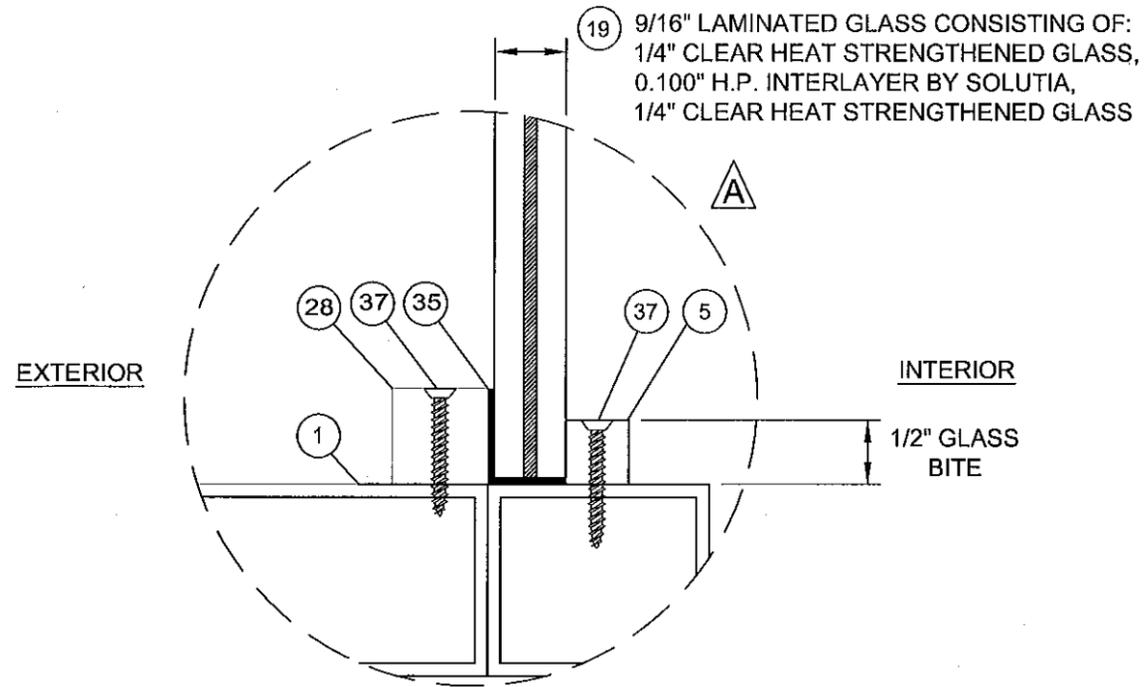
J HORIZONTAL SECTION
7 ASTRAGAL W/ OPTIONAL
 OPERABLE GLAZING PANEL



I HORIZONTAL SECTION
7 ASTRAGAL W/ FIXED GLAZING PANEL



GLAZING DETAIL A



GLAZING DETAIL B

PROJECT# 412-0304	
D	PER MIAMI-DADE COMMENTS 07/01/09
B	PER MIAMI-DADE COMMENTS 05/12/09
A	PER MIAMI-DADE COMMENTS 01/04/09
REV	DESCRIPTION
BB	07/15/09
BB	06/09/09
SMC	01/12/09
BY	DATE

VINTAGE IRONWORKS
 987 JOSIANE COURT, SUITE 1064
 ALTAMONTE SPRINGS, FLORIDA 32701

TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM
 HORIZONTAL SECTIONS AND GLAZING DETAILS

DATE: 07/22/08
 DRAWING NO: VIN0001
 SCALE: N.T.S.
 SHEET: 7 OF 15

PREPARED BY: CB
 DRAWN BY: N.T.S.
 CHECKED BY: D

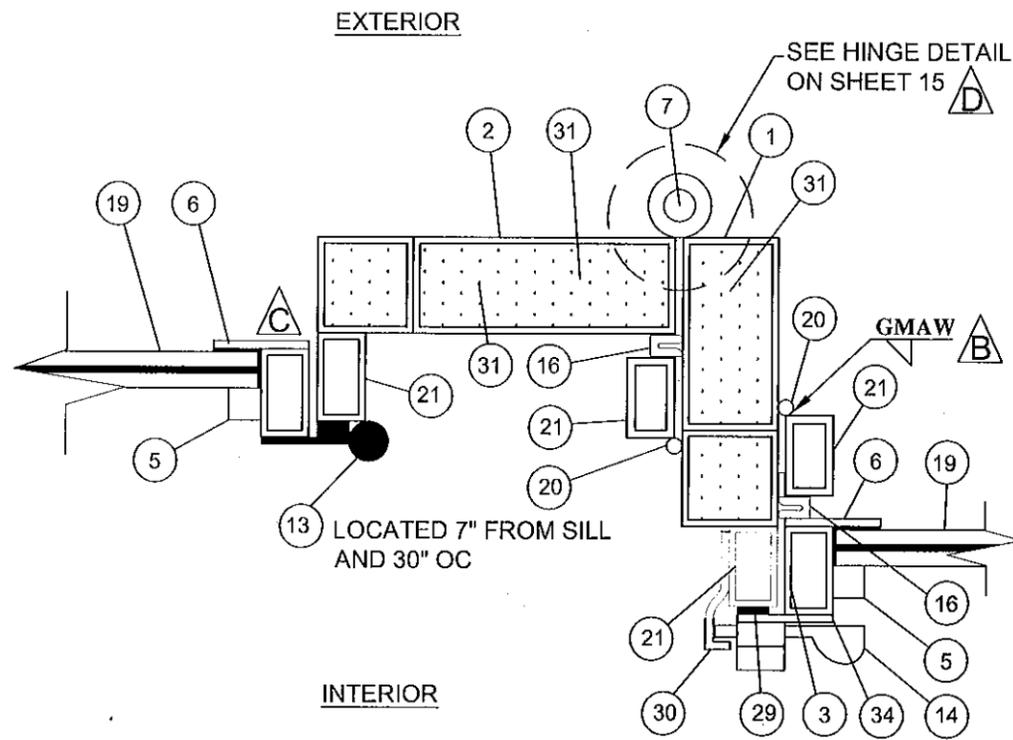
PTC PRODUCT DESIGN GROUP, LLC
 P.O. BOX 630775
 LONGWOOD, FLORIDA 32752
 Phone 321.690.1788
 Fax 321.690.1789
 Email: info@ptc-corp.com

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

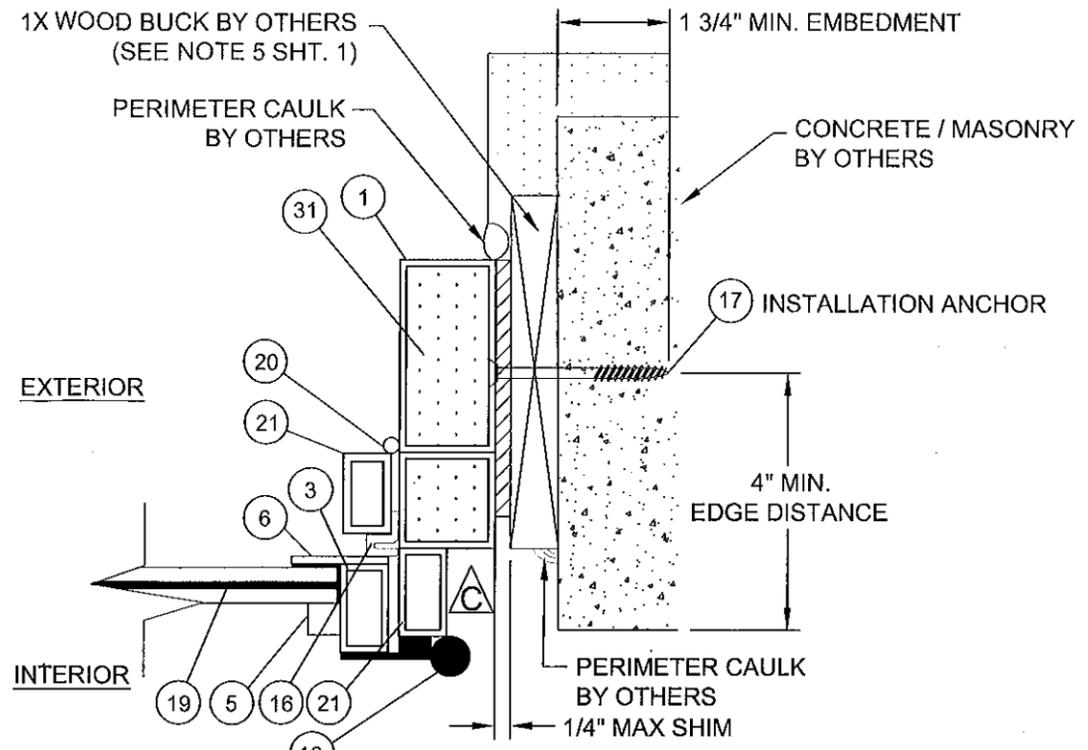
FBPE Certificate of Authorization No. 25995

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 12-0604
 Expires 04/15/2014

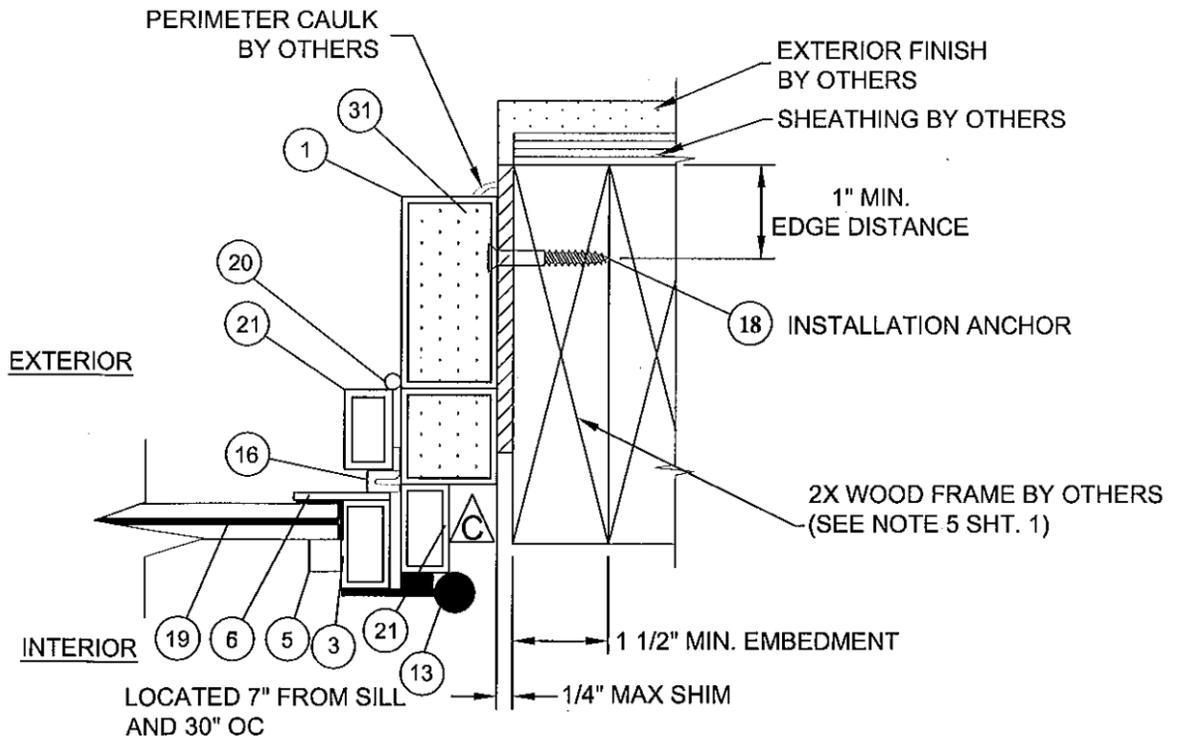
By: *[Signature]*
 Miami Dade Product Control



N HORIZONTAL SECTION
8 VERTICAL MULLION AT SIDELITE W/ OPTIONAL OPERABLE GLAZING



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# 412-0304	
D	PER MIAMI-DADE COMMENTS 07/01/09
C	PER MIAMI-DADE COMMENTS 05/12/09
B	PER MIAMI-DADE COMMENTS 05/12/09
REV	DESCRIPTION
	DATE
	BY

VINTAGE IRONWORKS
 987 JOSIANE COURT, SUITE 1064
 ALTAMONTE SPRINGS, FLORIDA 32701

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

DRAWN BY: CB DATE: 07/22/08
 SCALE: N.T.S. DRAWING NO: VIN0001
 REV: D SHEET: 8 OF 15

PREPARED BY: PFC PRODUCT DESIGN GROUP, LLC Phone 321.690.1788
 CO. INC. 2007/05 Fax 321.690.1789
 LONGWOOD, FLORIDA 32752 Email: info@pfc-corp.com

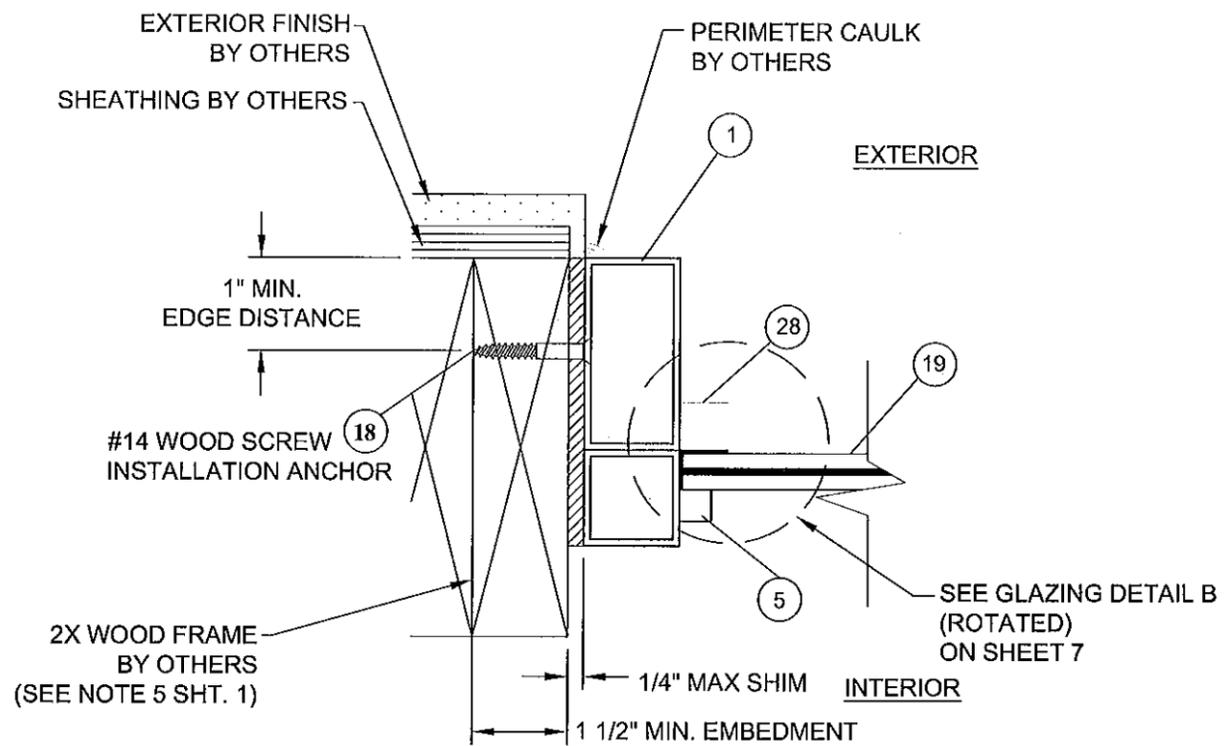
Robert J. Amoruso, P.E.
 FL P.E. No. 49752

[Signature]

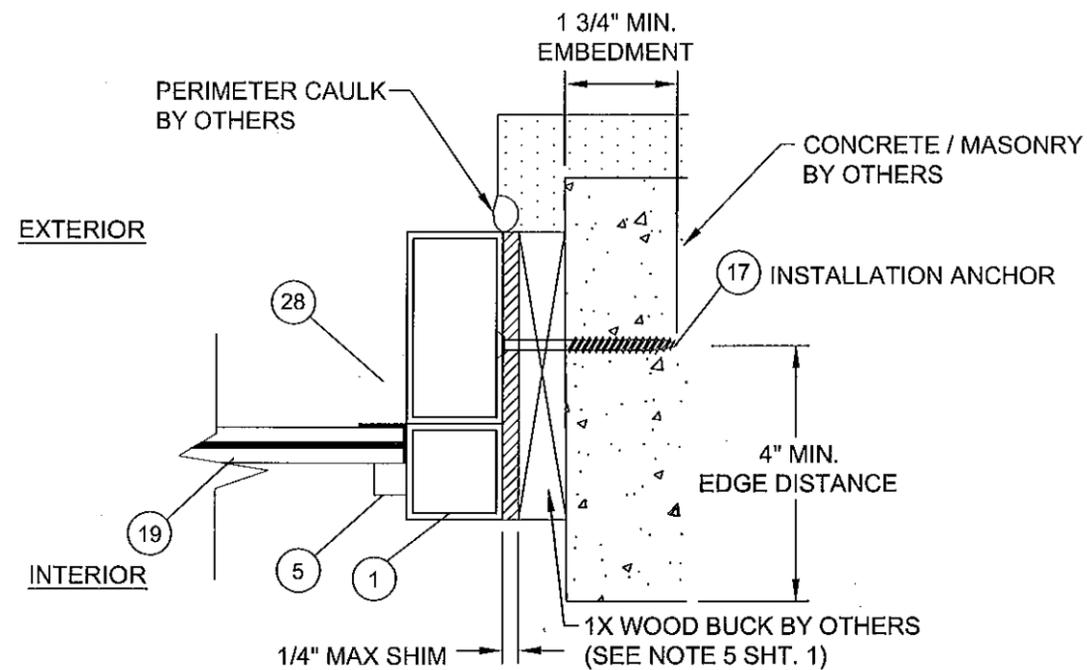
FBPE Certificate of Authorization No. 25935

PRODUCT REVISED as complying with the Florida Building Code
 Acceptance No. 12-0604-02
 Expiration Date 04/15/2012

By *[Signature]*
 Miami Dade Product Control



O **HORIZONTAL SECTION**
9 **JAMB - FIXED TRANSOM INTO WOOD SUBSTRATE**



P **HORIZONTAL SECTION**
9 **JAMB - FIXED TRANSOM INTO CONCRETE / MASONRY SUBSTRATE**

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

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 12-0604
 Expiration Date 04/15/2014
 By *[Signature]*
 Miami Dade Product Control

[Handwritten Signature]
 02-11-12

FBPE Certificate of Authorization No. 25935

VINTAGE IRONWORKS
 987 JOSIANE COURT, SUITE 1064
 ALTAMONTE SPRINGS, FLORIDA 32701

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

PREPARED BY: PTC PRODUCT DESIGN GROUP, LLC
 P.O. BOX 60775
 LONGWOOD, FLORIDA 32752

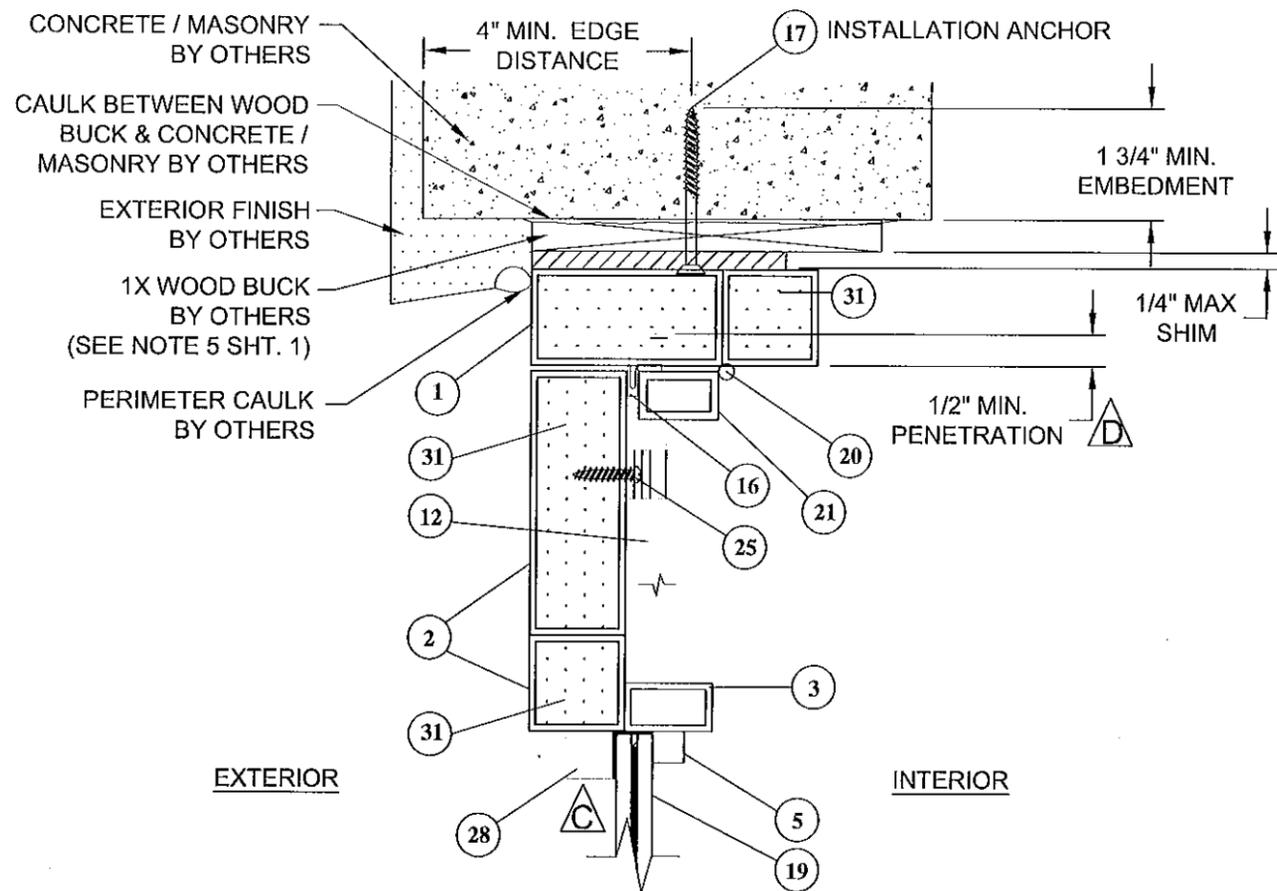
DATE: 07/22/08
 DRAWING NO.: VIND001
 SHEET: 9 OF 15

SCALE: N.T.S.
 REV: -

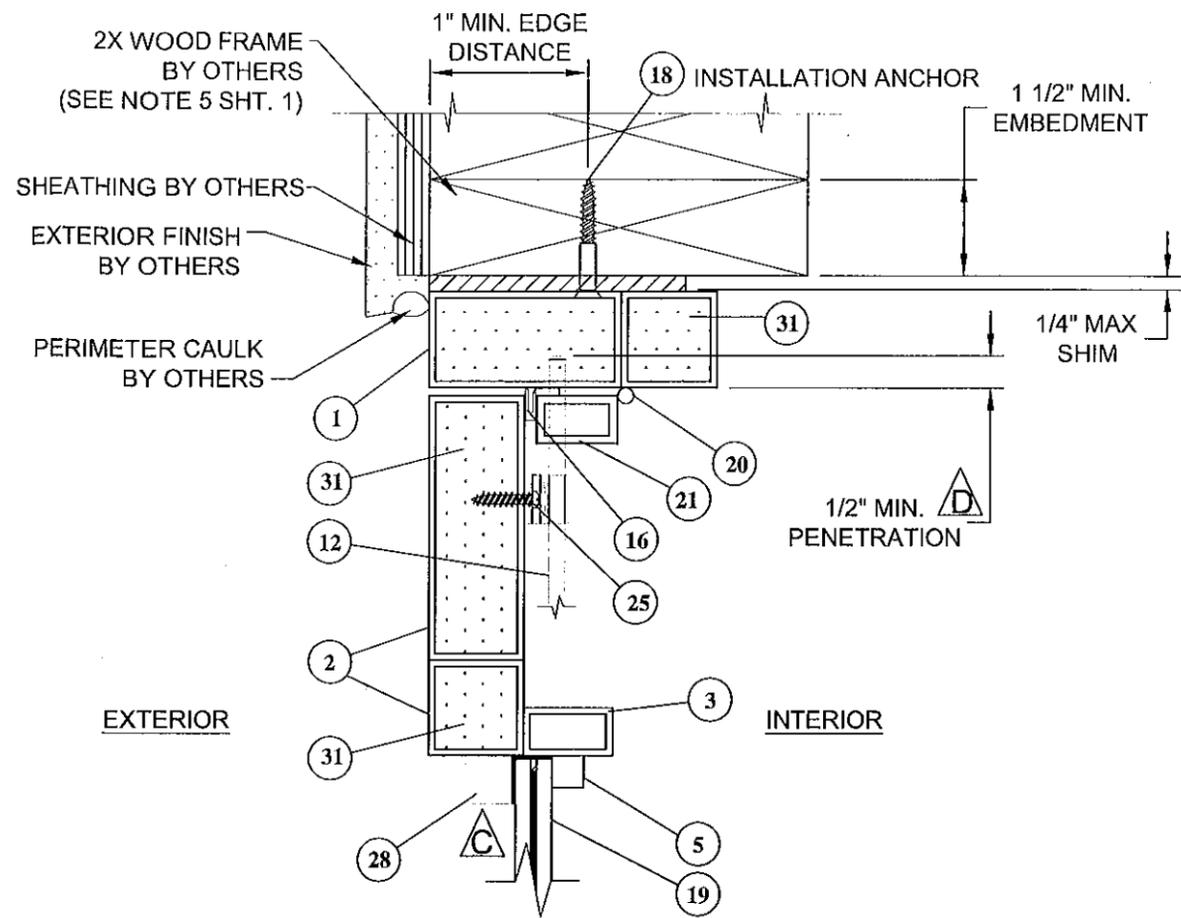
Drawn by: CB
 Scale: N.T.S.
 Rev: -

PROJECT# 412-0304

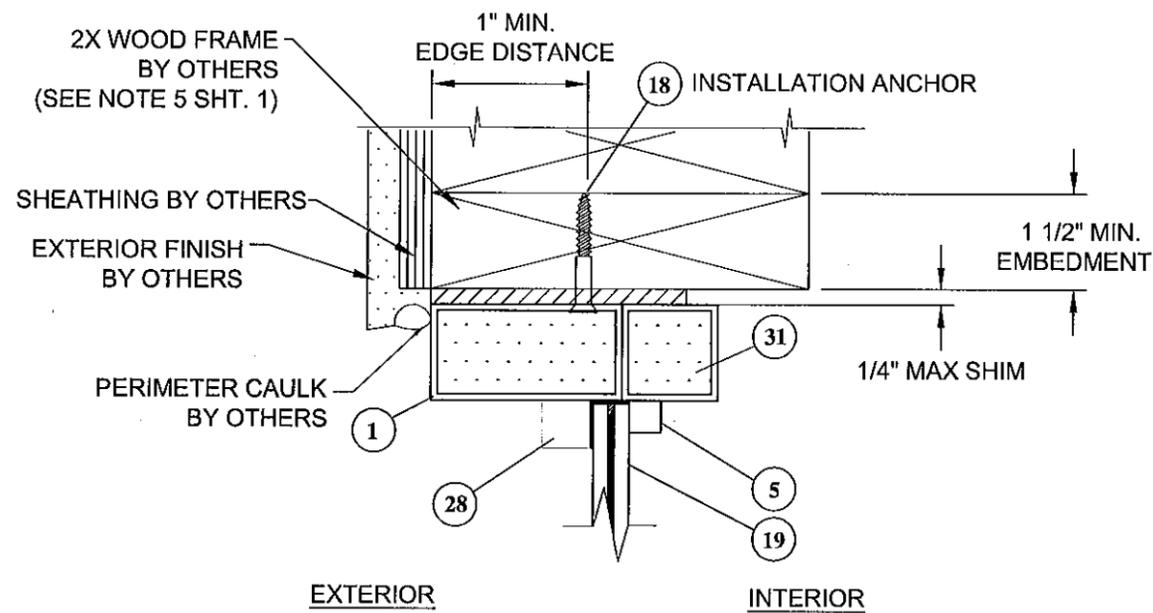
REV	DESCRIPTION	DATE	BY



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



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



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

PROJECT# 412-0304

SMC	07/15/09	SMC	06/25/09	BB	06/09/09	BY
PER MIAMI-DADE COMMENTS 07/01/09		PER MIAMI-DADE COMMENTS 05/12/09		PER MIAMI-DADE COMMENTS 05/12/09		DATE
D		C		B		DESCRIPTION
						REV

VINTAGE IRONWORKS
987 JOSIANE COURT, SUITE 1064
ALTAMONTE SPRINGS, FLORIDA 32701

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

DATE: 07/22/08
DRAWING NO: VIND001
SCALE: N.T.S.
SHEET: 10 OF 15

PREPARED BY: CB
REV: D

PTC PRODUCT DESIGN GROUP, LLC
P.O. BOX 52775
LONGWOOD, FLORIDA 32752
Phone 321.690.1768
Fax 321.690.1769
Email: info@ptc-corp.com

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

11/10/12

WB

12-0604-02

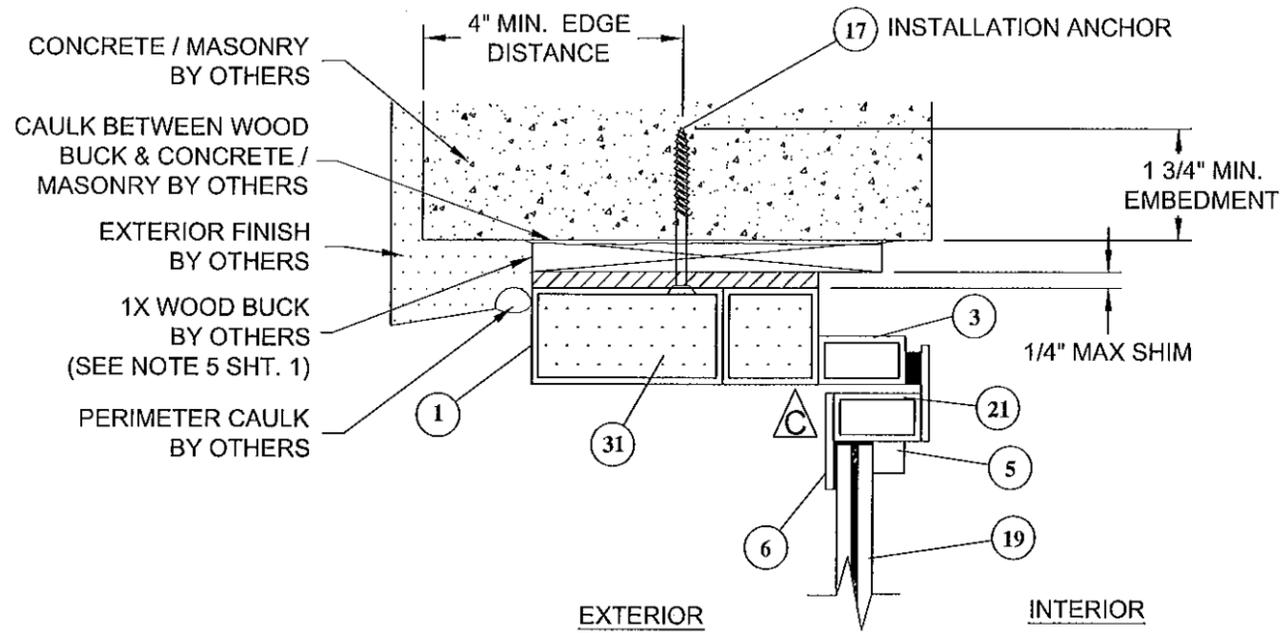
Expiration Date 04/15/2014

By: *[Signature]*
Miami Dade Product Control

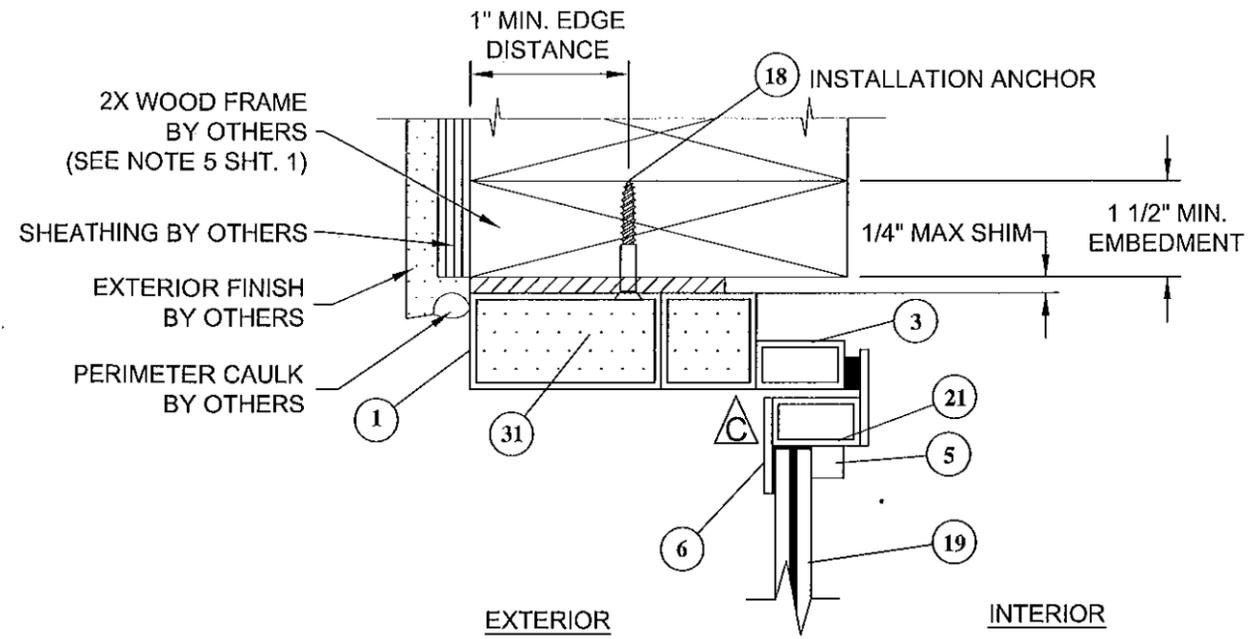
FBPE Certificate of Authorization No. 25995

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 12-0604-02 Expiration Date 04/15/2014

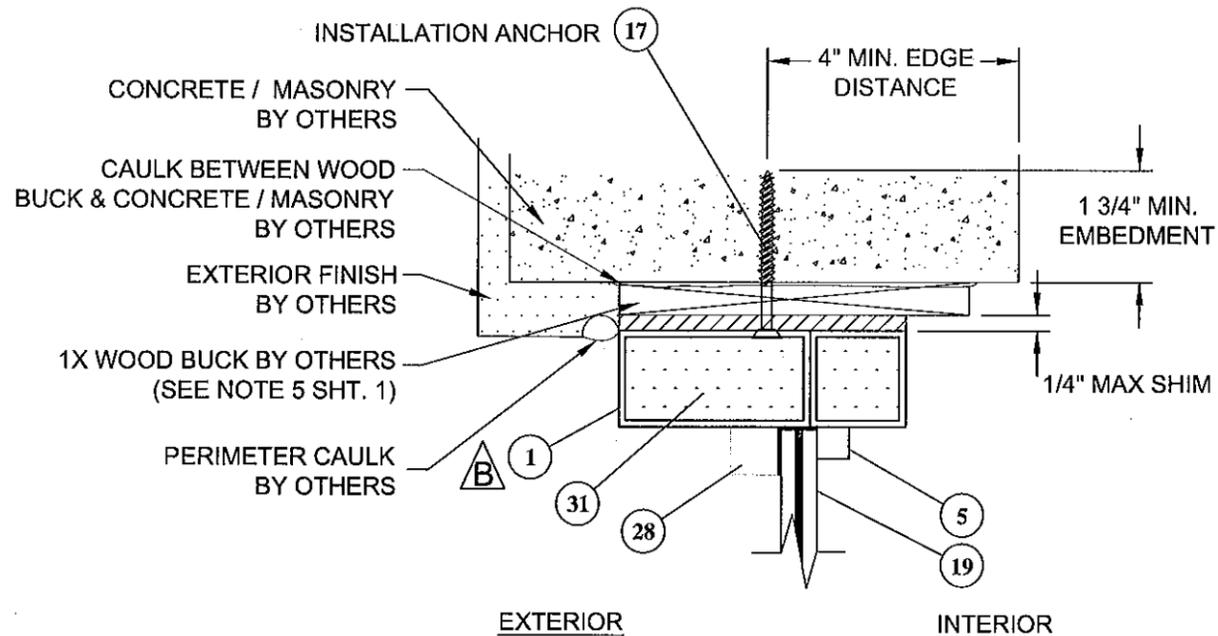
By: *[Signature]*
Miami Dade Product Control



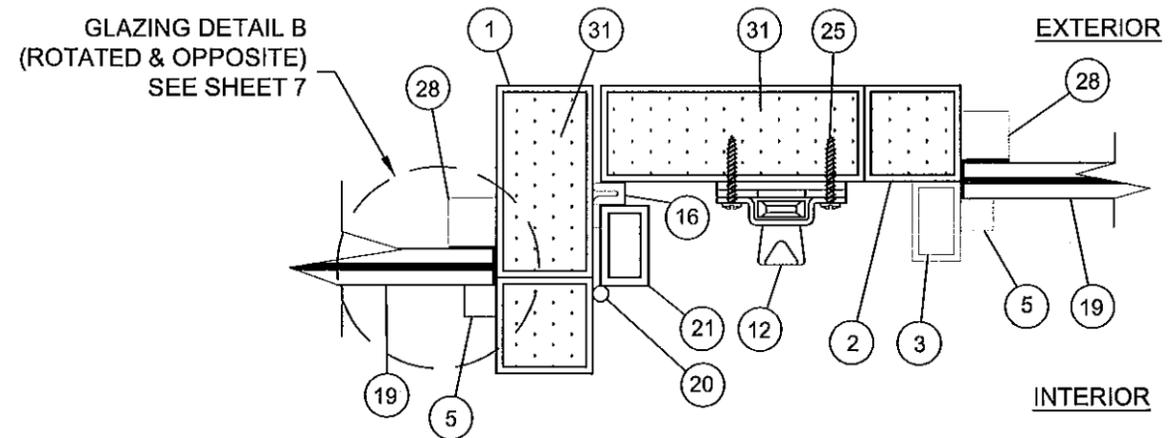
U
11 **VERTICAL SECTION**
HEAD FRAME - SIDELITE W/ OPT. OPERABLE GLAZING
CONCRETE / MASONRY



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



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



W
11 **HORIZONTAL SECTION**
LOCKSTILE INTO MULLION

PROJECT# 412-0304

		SMC	BY
	06/25/09		
C	PER MIAMI-DADE COMMENTS 05/12/09		
B	PER MIAMI-DADE COMMENTS 05/12/09	BB	
REV	DESCRIPTION	DATE	

VINTAGE IRONWORKS
987 JOSIANE COURT, SUITE 1064
ALTAMONTE SPRINGS, FLORIDA 32701

TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM
VERTICAL AND HORIZONTAL SECTIONS

DRAWN BY:	CB	DATE:	07/22/08
SCALE:	N.T.S.	DRAWING NO.:	VIN0001
REV:	C	SHEET:	11 OF 15

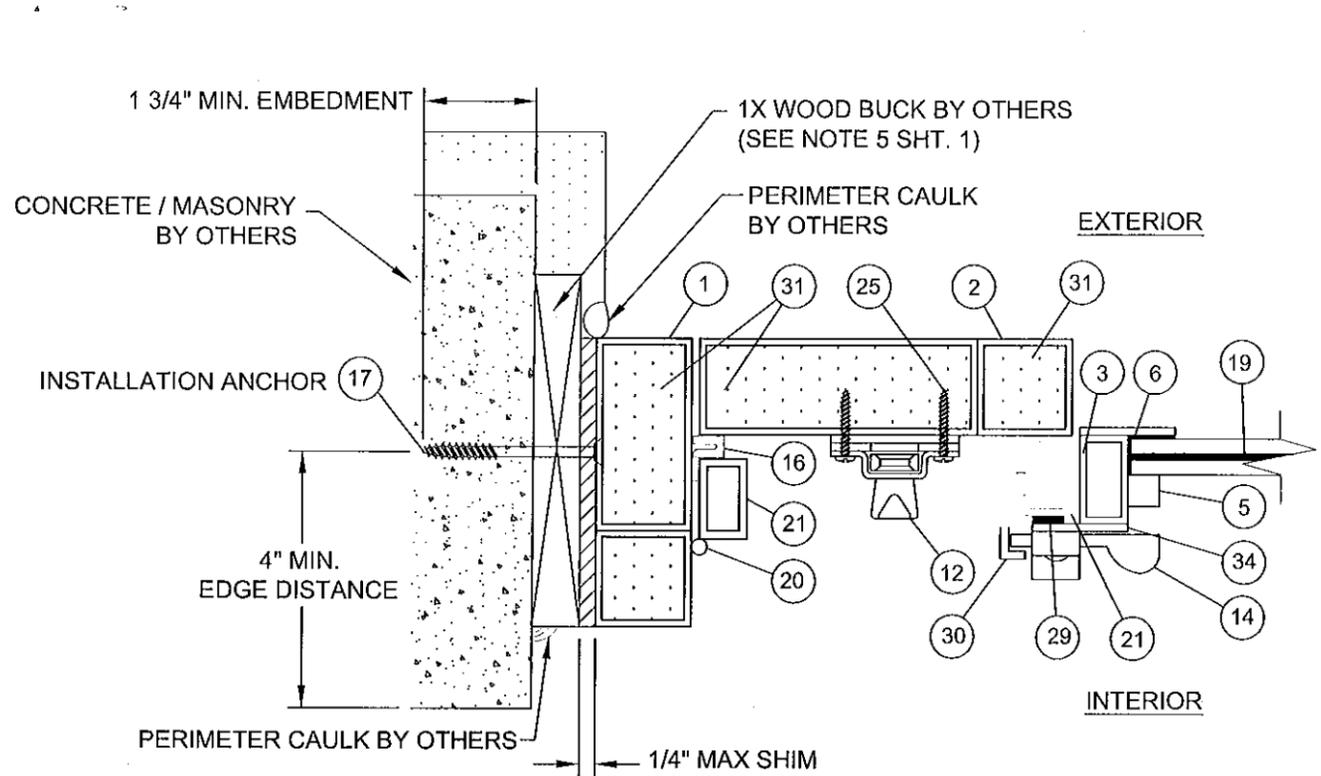


Robert J. Amoroso, P.E.
FL P.E. No. 49752

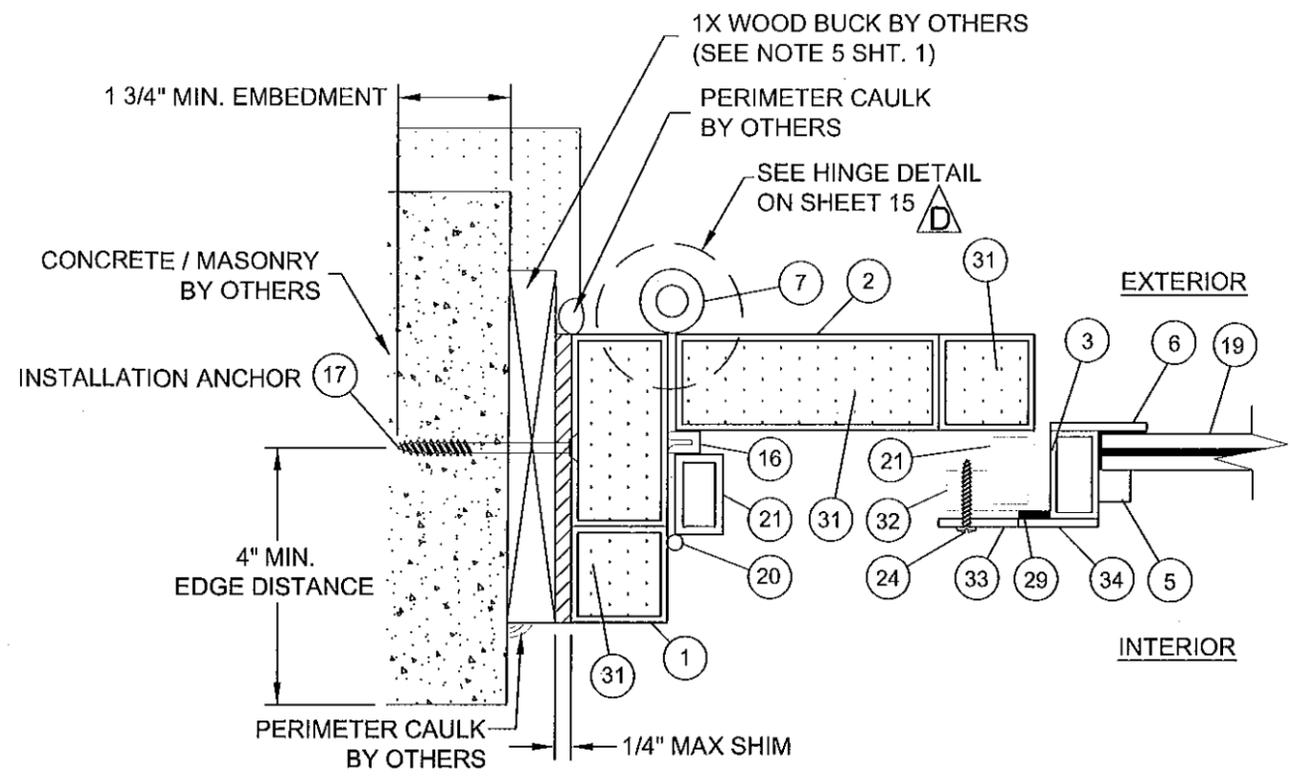
11/15/10
10/15/10
12-06-04
04/15/2014

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No 12-06-04
Expiration Date 04/15/2014
By [Signature]
Miami Dade Product Control

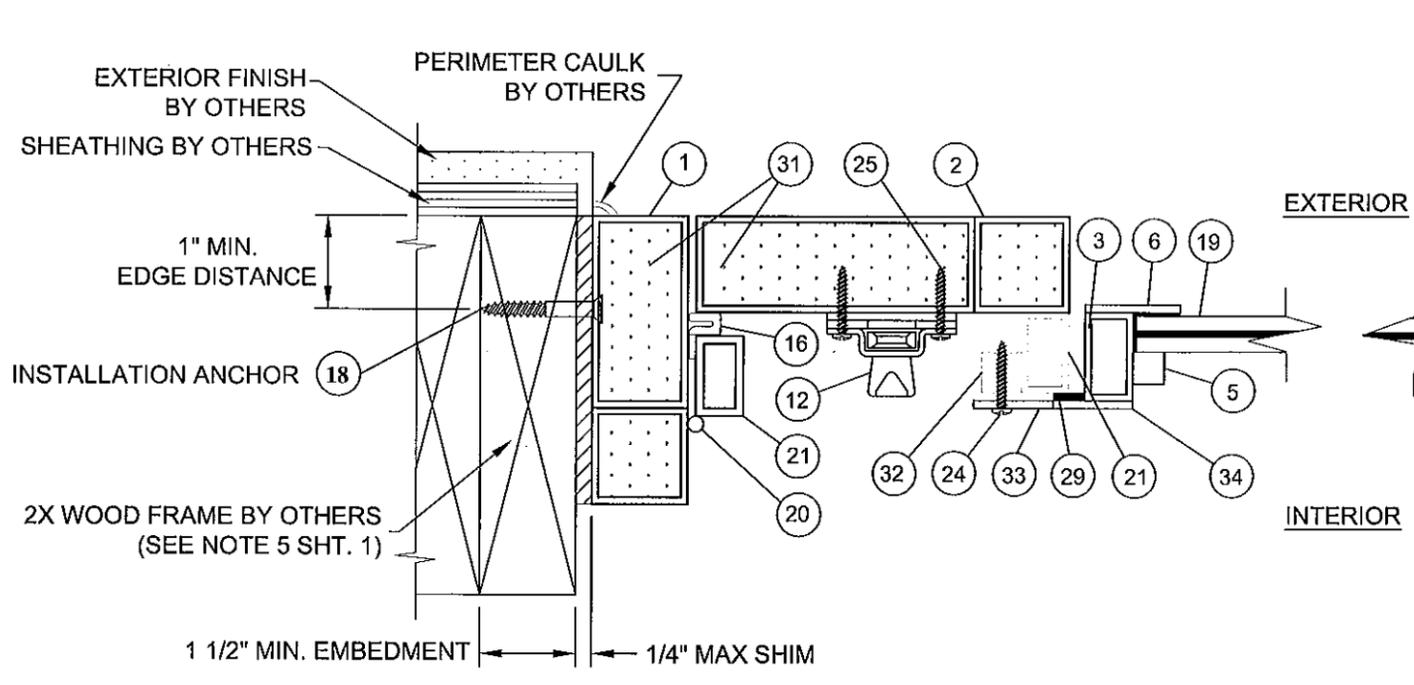
FBPE Certificate of Authorization No. 25935



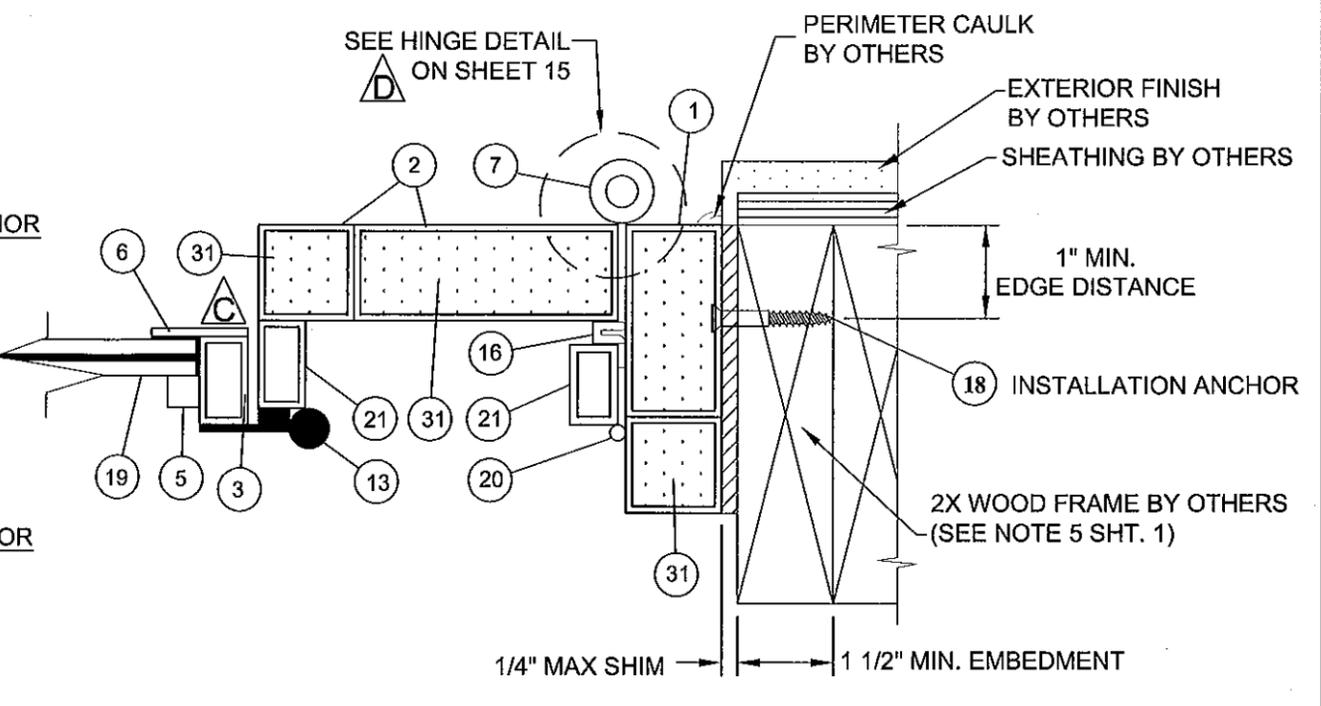
Y
12 **HORIZONTAL SECTION**
JAMB - LOCKSTILE INTO
CONCRETE / MASONRY SUBSTRATE
W/ OPTIONAL OPERABLE GLAZING



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# 412-0304	
C	PER MIAMI-DADE COMMENTS 05/12/09
B	PER MIAMI-DADE COMMENTS 05/12/09
REV	DESCRIPTION
DATE	DATE
BY	BY

VINTAGE IRONWORKS
987 JOSIANE COURT, SUITE 1064
ALTAMONTE SPRINGS, FLORIDA 32701

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

DRAWN BY: CB DATE: 07/22/08
SCALE: N.T.S. DRAWING NO: VIND001
REV: C SHEET: 12 OF 15

PREPARED BY: **FBPE**
PTC PRODUCT DESIGN GROUP, LLC Phone 321.690.1788
P.O. BOX 620775 Fax 321.690.1789
LONGWOOD, FLORIDA 32752 Email: info@pdc-corp.com

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

[Signature]

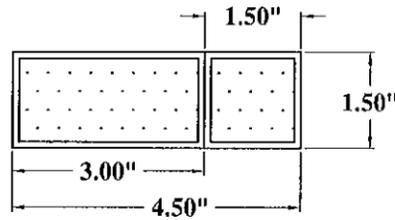
FBPE Certificate of Authorization No. 25935

PRODUCT REVISED
as complying with the Florida
Building Code

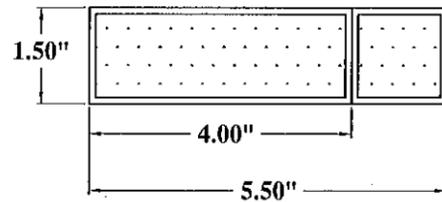
Acceptance No. 12-0604-02
Expiration Date 04/15/2014

By *[Signature]*
Miami Dade Product Control

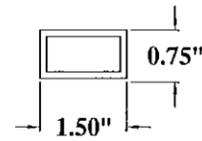
1 **EXTERIOR FRAME**
14 GA. STEEL



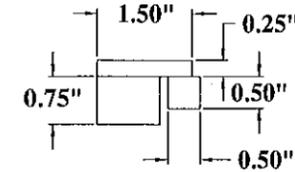
2 **PANEL FRAME**
14 GA. STEEL



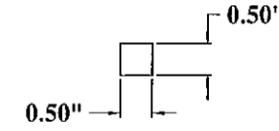
3 **GLASS STOP**
0.125\"/>



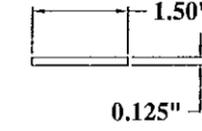
4 **ASTRAGAL**



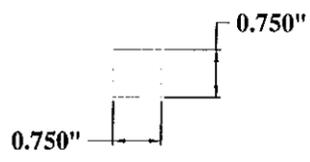
5 **INTERIOR GLASS STOP**



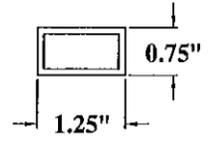
6 **EXTERIOR GLASS STOP**



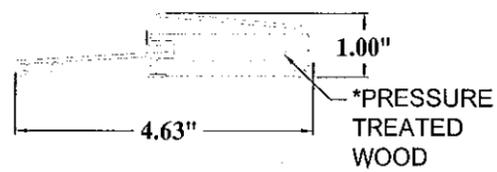
28 **EXTERIOR GLASS STOP**



21 **WEATHER STRIPPING SUPPORT**
0.125\"/>

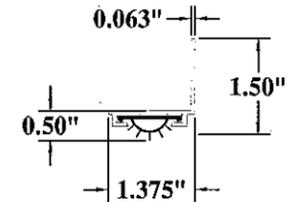


22 **OUTSWING BUMP THRESHOLD**
ALUMINUM
0.063\"/>

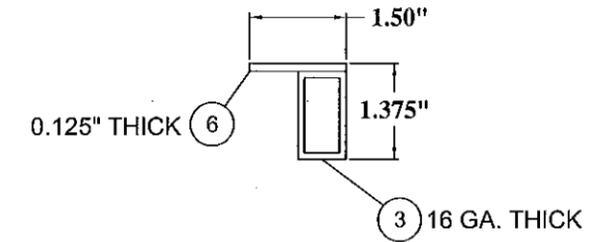


*SEE INSTALLATION NOTE 12 ON SHEET 1

23 **DOOR SWEEP**



NOTE: THE COMBINATION OF ITEM# 3 AND #6 MAKES THE SIDELITE/ FIXED LITE GLAZING FRAME.

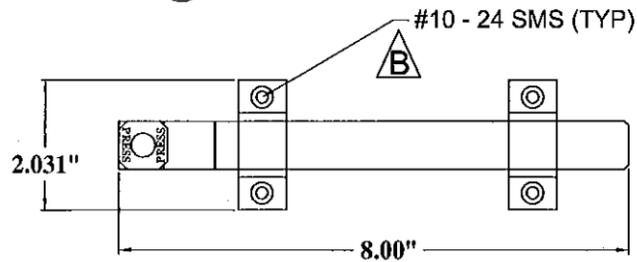


BILL OF MATERIALS

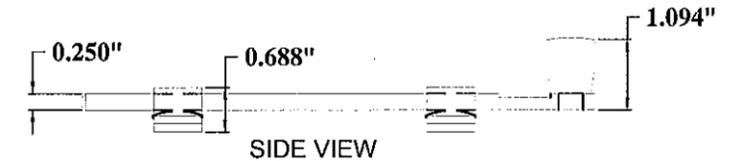
NO.	PART NO.	DESCRIPTION	MATERIAL	MANUF.
1		EXTERIOR FRAME: 1-14 GA. RECTANGULAR TUBE 1.50\"/>	**	
2		EXTERIOR FRAME: 1-14 GA. RECTANGULAR TUBE 1.50\"/>	**	
3		GLASS STOP: 16 GA. RECTANGULAR TUBE 0.75\"/>	**	
4		ASTRAGAL: 3 PCS. 1 EACH (1.00\"/>	ASTM A36	
5		INTERIOR GLASS STOP 0.50\"/>	ASTM A36	
6		EXTERIOR GLASS STOP 0.125\"/>	ASTM A36	
7		1.00\"/>	ASTM A36	
8	8231	DEAD BOLT LOCK PREMIUM GRADE 1	BRASS	BALDWIN
9	5405	DOOR LATCH PREMIUM GRADE 1 OR EQUIVALENT	BRASS	BALDWIN
11	550	INACTIVE PANEL FLUSH BOLT INTEGRAL LOCK 1.00\"/>	BRASS	ROCKWOOD
12	580-8	SURFACE BOLT 8.00\"/>	BRASS	ROCKWOOD
13		GLASS PANEL HINGE (OPTIONAL) CUSTOM, 0.625\"/>	ASTM A-36	
14	2589B	GLASS PANEL LOCK (OPTIONAL)	BRASS	CRL
16	Q106D	WEATHERSTRIPPING, KERF	FOAM	PEMKO
17		5/16\"/>	STEEL	ITW
18		#14 WOOD SCREW INSTALLATION ANCHOR W/ MIN. 1.50\"/>	STEEL	
19		9/16\"/>	GLASS	
20		.275\"/>	ASTM A36	
21		WEATHERSTRIPPING SUPPORT 0.75\"/>	**	
22	8451DQ	OUTSWING BUMP THRESHOLD	6063 - T52	PEMKO

**A500, GRADE B OR A513

12 **SURFACE BOLT**



FRONT VIEW



SIDE VIEW

NO.	PART NO.	DESCRIPTION	MATERIAL	MANUF.
23	211DPK	DOOR SWEEP	6063 - T52	PEMKO
24		1/4-20 SMS SCREW	STEEL	
25		#10-24 SMS SCREW	STEEL	
26		0.125\"/>	ASTM A36	
27		1.50\"/>	ASTM A36	CUSTOM
28		EXTERIOR GLASS STOP 0.75\"/>	**	
29	60701	0.25\"/>	FOAM	CRL
30		0.125\"/>	ASTM A36	CUSTOM
31		POLYURETHANE FOAM	FOAM	FOMO PRODUCTS
32		0.625\"/>	ASTM A36	CUSTOM
33		0.125\"/>	ASTM A36	CUSTOM
34		0.125\"/>	ASTM A36	CUSTOM
35	995	DOW CORNING 995 SILICONE (GLAZING GLASS)	SILICONE	DOW CORNING
36		STRIKE	STEEL	ROCKWOOD
37		#6 X 1\"/>	STEEL	

PROJECT# 412-0304

REV	DESCRIPTION	DATE	BY
D	PER MIAMI-DADE COMMENTS 07/01/09	07/15/09	SMC
C	PER MIAMI-DADE COMMENTS 05/12/09	06/25/09	SMC
A	PER MIAMI-DADE COMMENTS 07/04/09	01/12/09	SMC

VINTAGE IRONWORKS
987 JOSIANE COURT, SUITE 1064
ALTAMONTE SPRINGS, FLORIDA 32701
TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM COMPONENTS AND BILL OF MATERIALS

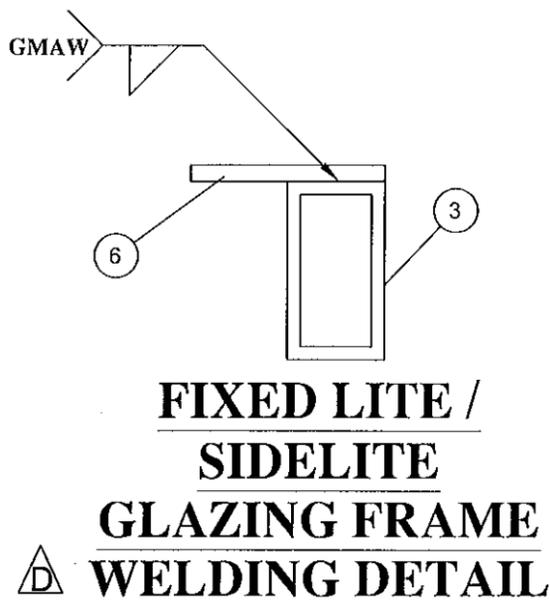
DRAWN BY: CB	DATE: 07/22/08
SCALE: N.T.S.	DRAWING NO: VIN0001
REV: D	SHEET: 14 OF 15



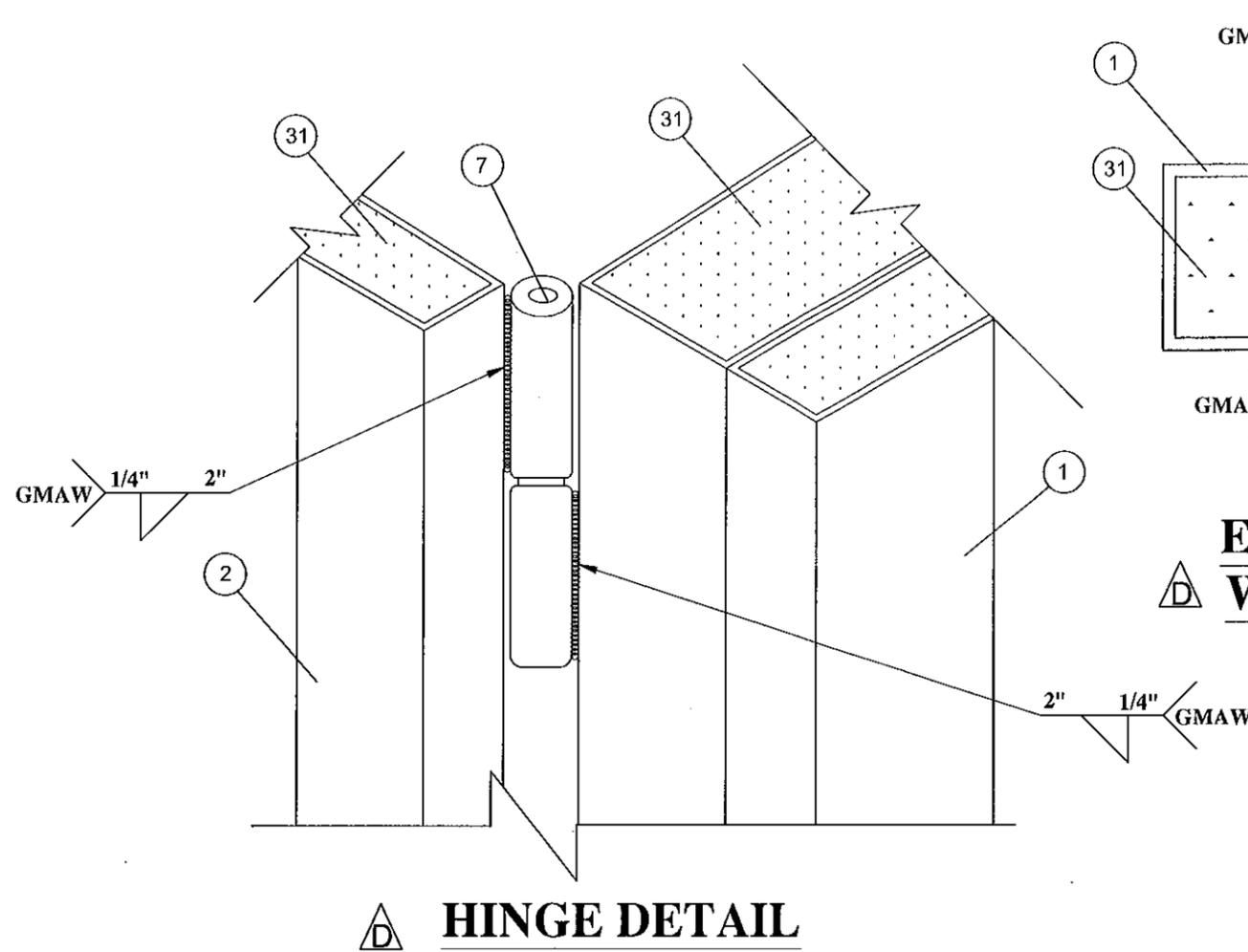
Robert J. Amoroso, P.E.
FL P.E. No. 49752

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No 12-06804-02
Expiration Date 04/15/2014
Miami Trade Product Control

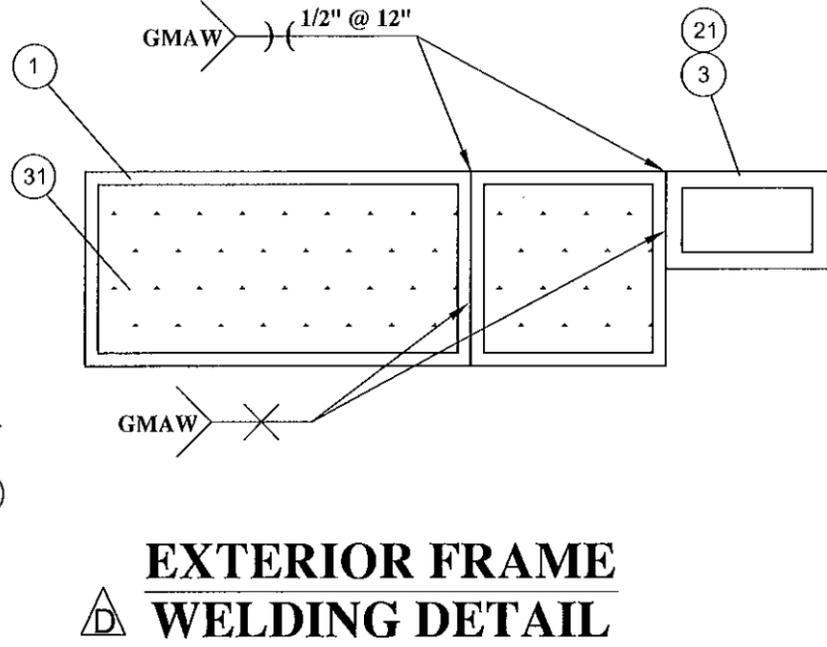
FBPE Certificate of Authorization No. 25935



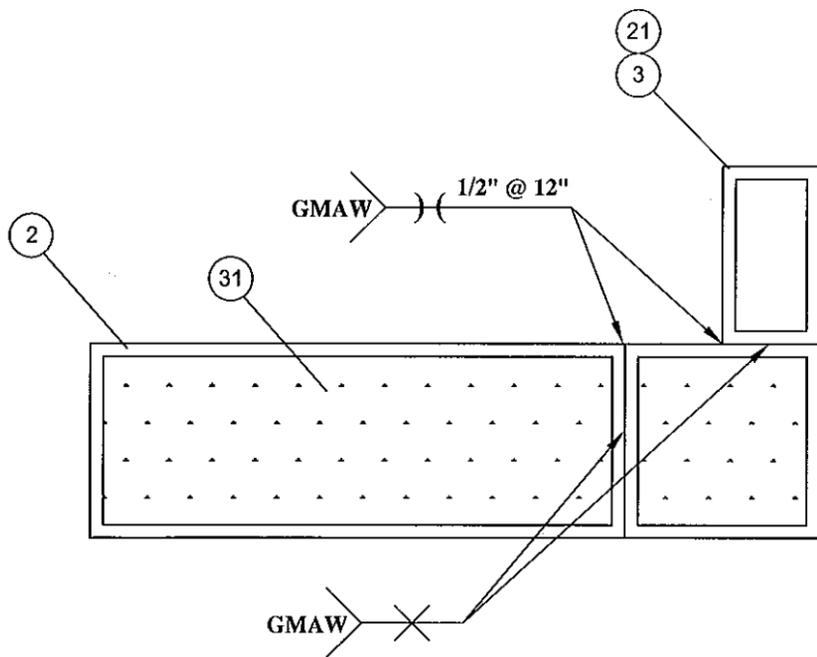
**FIXED LITE /
SIDELITE
GLAZING FRAME
WELDING DETAIL**



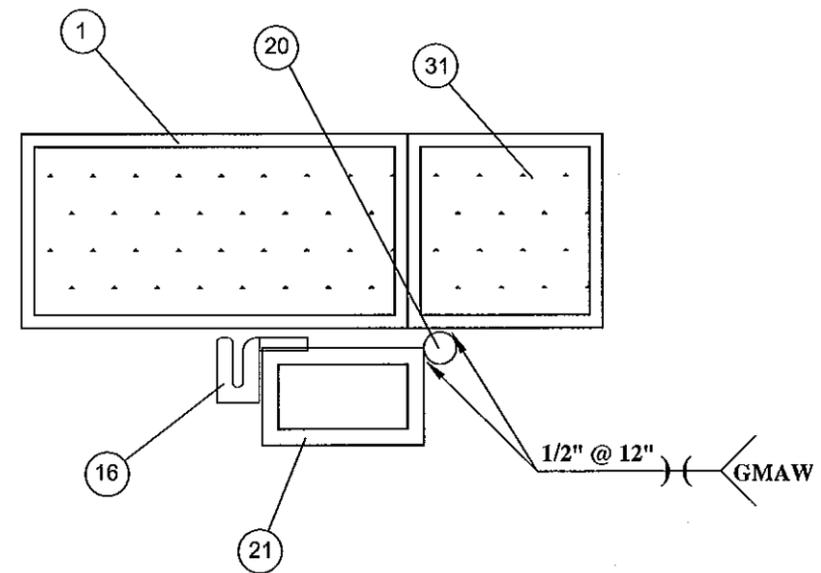
HINGE DETAIL



**EXTERIOR FRAME
WELDING DETAIL**



**PANEL FRAME
WELDING DETAIL**



**WEATHER STRIP SUPPORT /
EXTERIOR FRAME
WELDING DETAIL**

TABLE 1

SOLID MIG WIRE: AWS ER70S-6		TYPICAL APPLICATIONS	
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 spay transfer arc welding 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		Welding Positions	
Carbon	.09	All Positions	
Manganese	1.55	Shielding Gas	
Silicon	.84	CO2 or 75% Air / 25% CO2	
Phosphorus	.011	Operating Range Amps	
Sulfur	.015	Wire Dia.	Amps
Copper	.115	.023"	35-70
		.030"	50-100
		.035"	100-150
		.045"	150-200
Typical Mechanical Properties		Approvals and Conformances	
(AW):	CO2	AWS, A5.18, ER70S-6	
Tensile Strength (psf)	90,000	*ASME SFA 5.18, F-6,A-1	
Yield Strength (psf)	73,000		
Elongation % in 2"	25%		

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

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0604-02
Expiration Date 07/15/2014
By *[Signature]*
Miami Dade Product Control

FBPE Certificate of Authorization No. 25935

VINTAGE IRONWORKS
987 JOSIANE COURT, SUITE 1064
ALTAMONTE SPRINGS, FLORIDA 32701
TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM
WELDING SCHEDULE AND DETAILS

PREPARED BY: *[Signature]*
SCALE: N.T.S.
DRAWING NO: VIN0001
DATE: 07/22/08
REV: D
SHEET: 15 OF 15

PROJECT# 412-0304

REV	DESCRIPTION	DATE	BY
D	PER MIAMI-DADE COMMENTS 07/01/09	07/15/09	SMC