



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 11107
MIAMI, FLORIDA 33130-1563
(305) 375-2902 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buldingcode

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 by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) 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 Division (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. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division 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: Steel Outswing Doors with & without Sidelights & Transoms – L.M.I.

APPROVAL DOCUMENT: Drawing No. VIN0001, titled "Steel Outswing Doors w/ & w/o Sidelights & Transoms", sheets 1 through 15 of 15, dated 07/22/08 with revision "B" dated 06/09/09, prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, P. E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and Approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large Missile Impact Resistant

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

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

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

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

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

This NOA consists of this page 1 and evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Jaime D. Gascon, P. E.**



J. Gascon
8/19/09

NOA No 08-0807.21
Expiration Date September 09, 2014
Approval Date: September 09, 2009
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **VIN0001**, titled "Steel Outswing Doors w/ & w/o Sidelights & Transoms", sheets 1 through 15 of 15, dated 07/22/08 with revision "B" dated 06/09/09, prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, P. E.

B. TESTS

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

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by PTC, LLC, dated 07/15/08, signed and sealed by Paul E. Winter, P. E.
Complies with ASTM E1300-02

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

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 April 17, 2008, expiring on April 17, 2013.

F. STATEMENTS

1. Statement letter of conformance and no financial interest, dated July 24, 2008, signed and sealed by Paul E. Winter, P. E.
2. Statement letter of changes, dated August 11, 2009, signed by Robert J. Amoruso, P. E.
3. Laboratory compliance letter for Test Report no. **NCTL-210-3485-1**, issued by National Certified Test Laboratory, Inc., dated October 31, 2008, signed and sealed by Gerard J. Ferrara, P. E.

G. OTHERS

1. None.



Jaime D. Gascon, P. E.
Chief, Product Control Division
NOA No 08-0807.21

Expiration Date September 09, 2014
Approval Date: September 09, 2009

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 2004 AND 2007 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 #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 GLASS CHARTS. 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.

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, ACI 318-05 AND ACI 355.
 - C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90 AND ACI 530-05, GRADE N, TYPE 1 (OR GREATER).
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.

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 ZINK-PLATING STEEL MEMBERS AFTER FABRICATION

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7	D	HORIZONTAL SECTIONS AND GLAZING DETAILS
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11	D	VERTICAL AND HORIZONTAL SECTIONS
12	D	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	

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

TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM
GENERAL NOTES, INSTALLATION NOTES & D.P. CHART

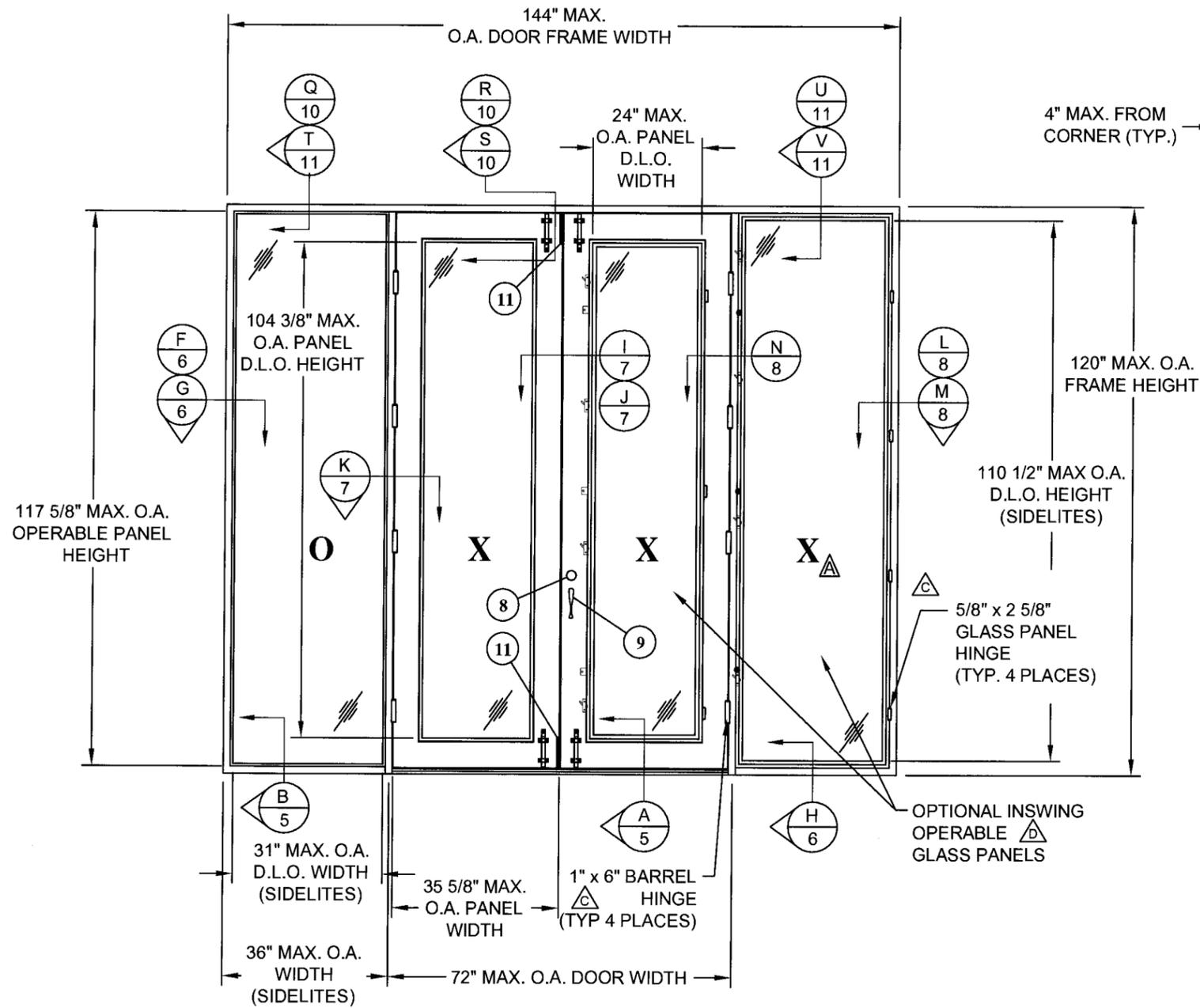
DRAWN BY: CB DATE: 07/22/08
SCALE: N.T.S. DRAWING NO: VIN0001
REV: B SHEET: 1 OF 15

PREPARED BY:
PTC, LLC
Phone 321.690.1788
Fax 321.690.1789

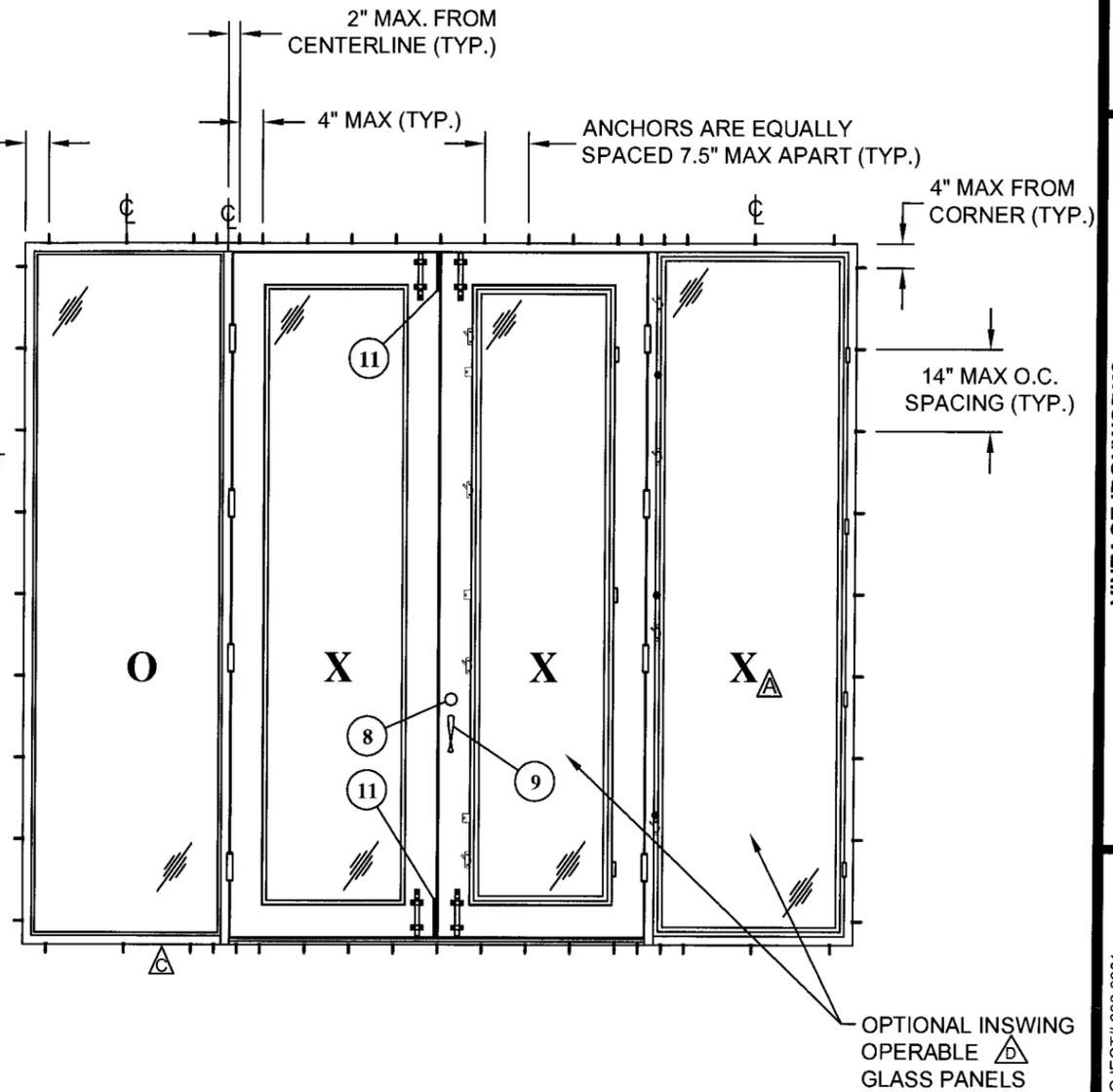
PROJECT# 306-0361
Robert J. Amoruso
Florida P. E. No. 49752

PTC, LLC
1535 Cogswell Street, Suite C25
Rockledge, Florida 32955
FBPE Certificate of Authorization No. 25935

Approved as complying with the Florida Building Code
Date: September 09, 2009
NOA# 08-080721
Mazari Engineering Control
Div. 13
By:



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

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 01/04/09	01/12/09	SMC

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

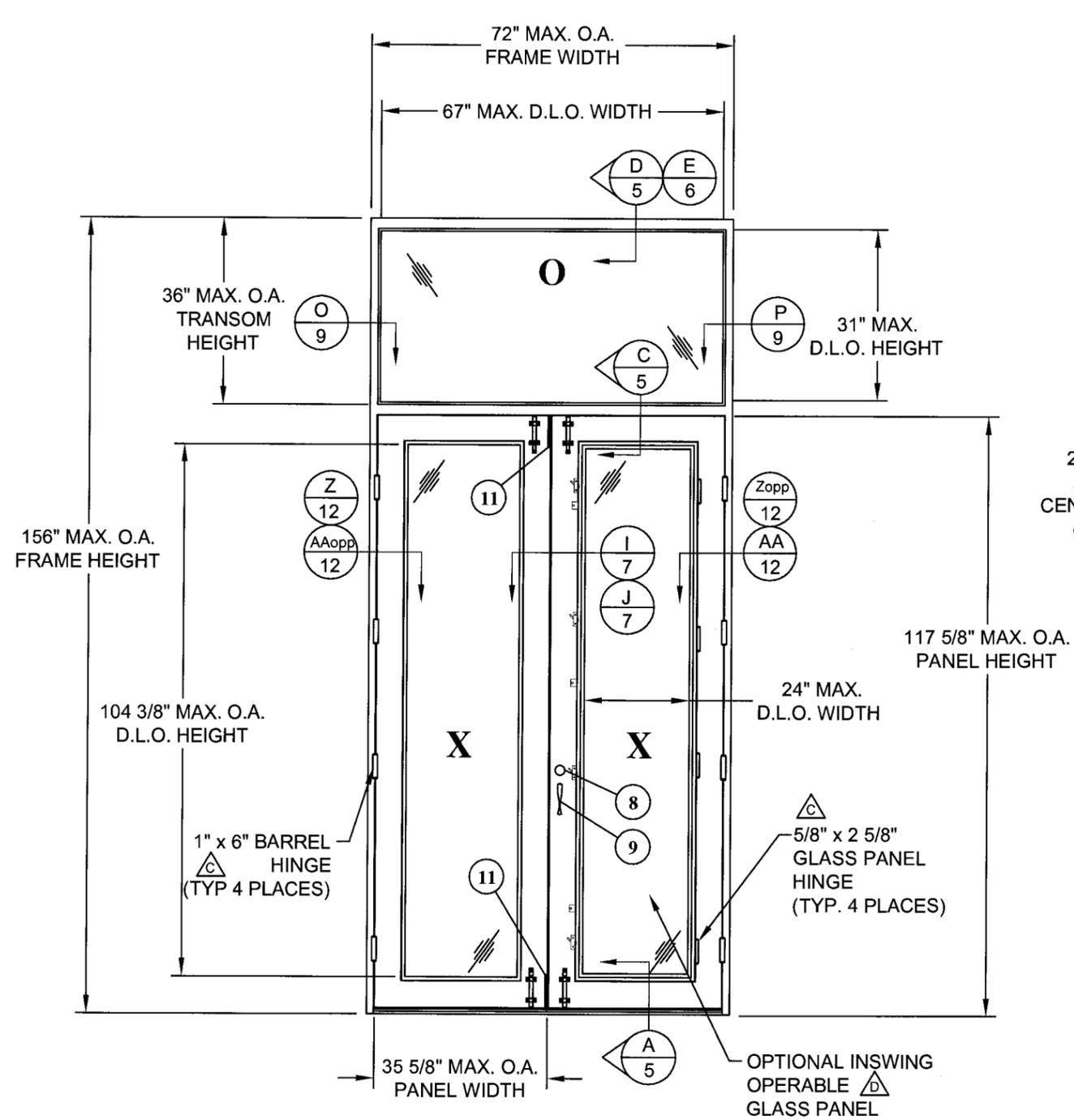
TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM
ELEVATION & ANCHOR LAYOUT

PROJECT#: 306-0361
Prepared by: Robert J. Amoroso
Florida P. E. No. 49752

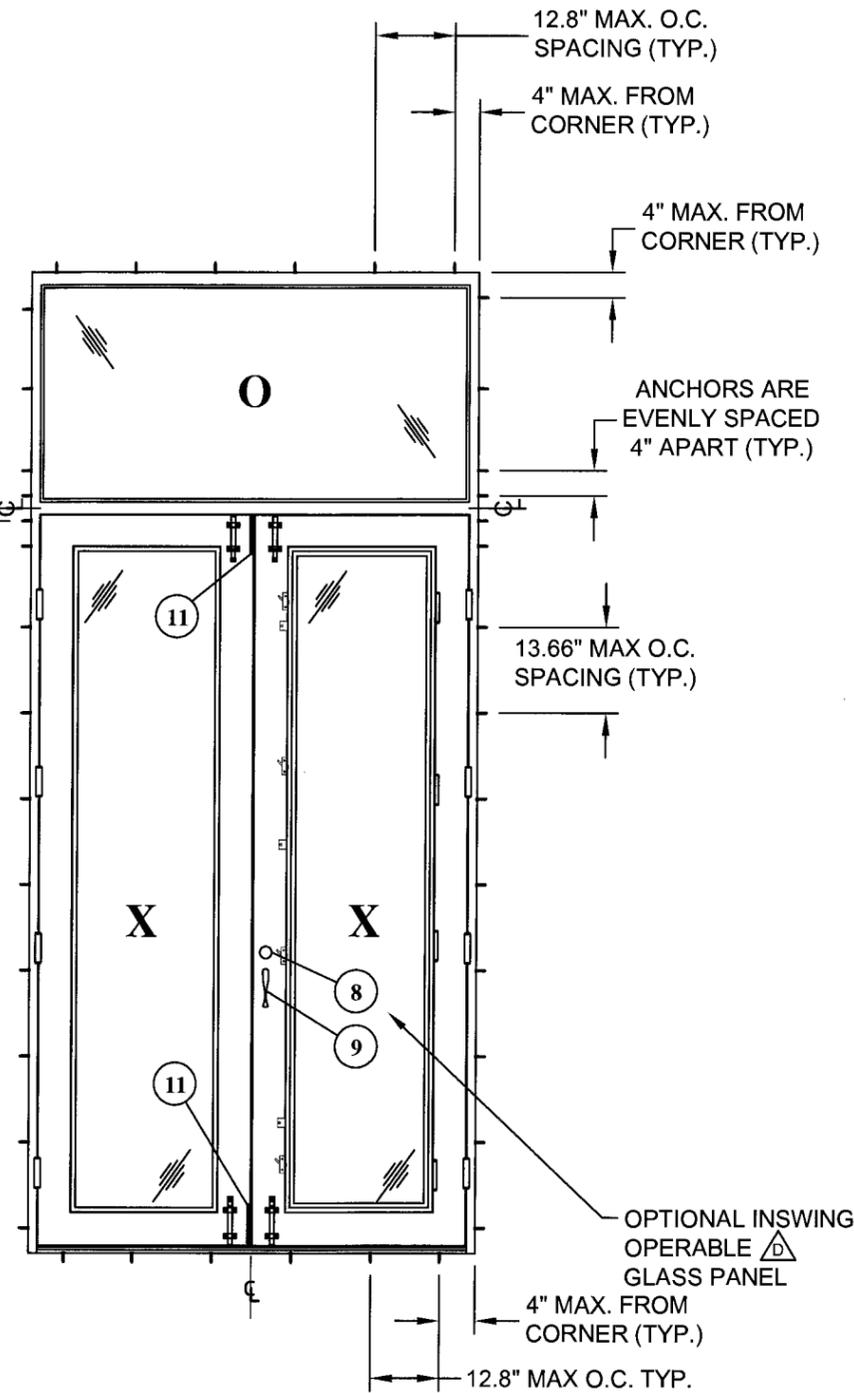
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SCALE: N.T.S.
SHEET: 2 OF 15

PTC, LLC
1535 Cogswell Street, Suite C25
Rockledge, Florida 32955
Phone 321.660.1788
Fax 321.660.1789
FBPE Certificate of Authorization NO. 25935

Approved as complying with the
Florida Building Code
Date: September 09, 2009
NOA# 0850807-211
Miami Code Project Control
By: *[Signature]*



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.

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

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

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

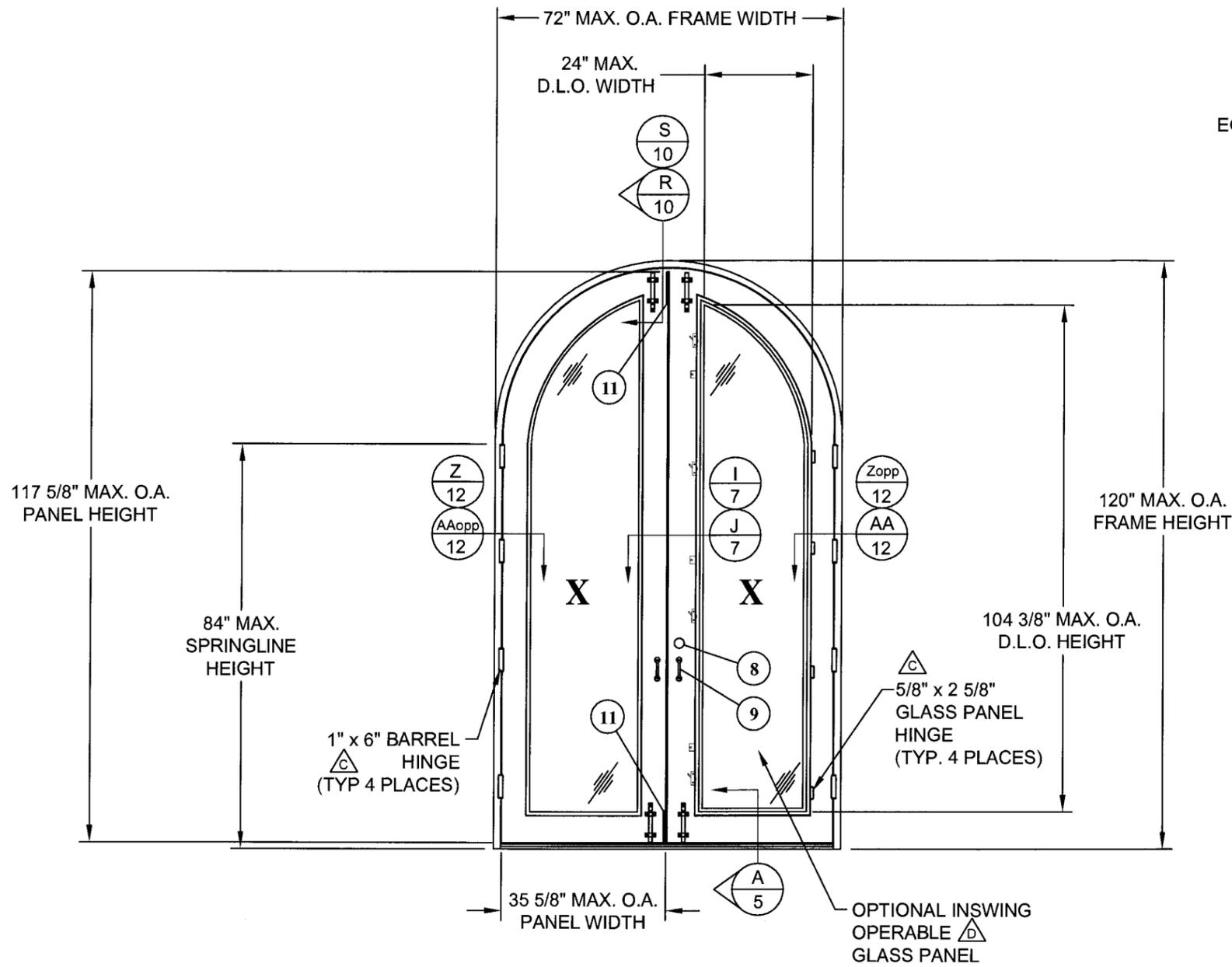
PREPARED BY: P.T.C. LLC
1535 Cogswell Street, Suite C25
Rockledge, Florida 32955
Phone 321.600.1788
Fax 321.690.1789

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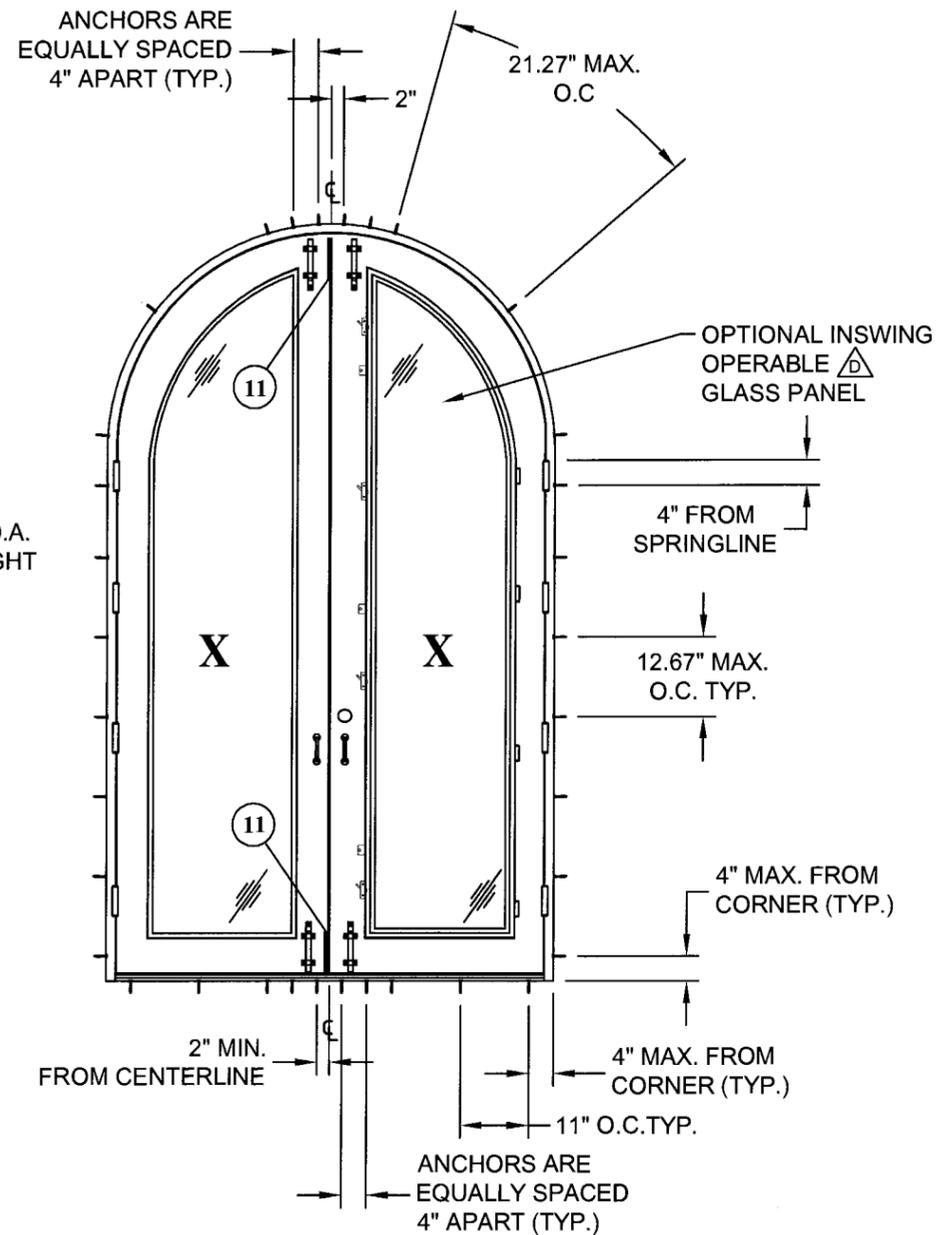
PROJECT# 306-0361
Robert J. Amoroso
Florida P. E. No. 49752

Walt Gillo
PTC, LLC
1535 Cogswell Street, Suite C25
Rockledge, Florida 32955
FBPE Certificate of Authorization No. 25935

Approved as complying with the Florida Building Code
Date September 09, 2009
MOA# 08-080-121
Miami Code Product Control Division
By *[Signature]*



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

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

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

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

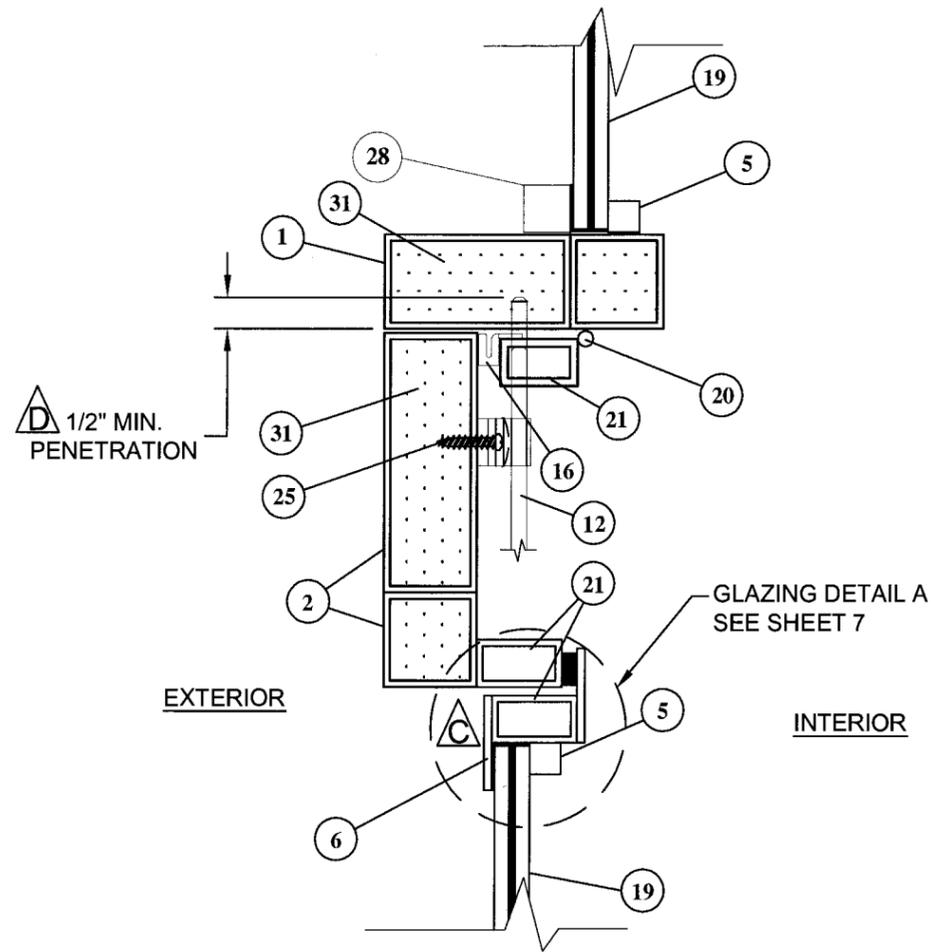
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SHEET: 4 OF 15

PREPARED BY: PTC, LLC
Phone 321.690.1788
Fax 321.690.1789

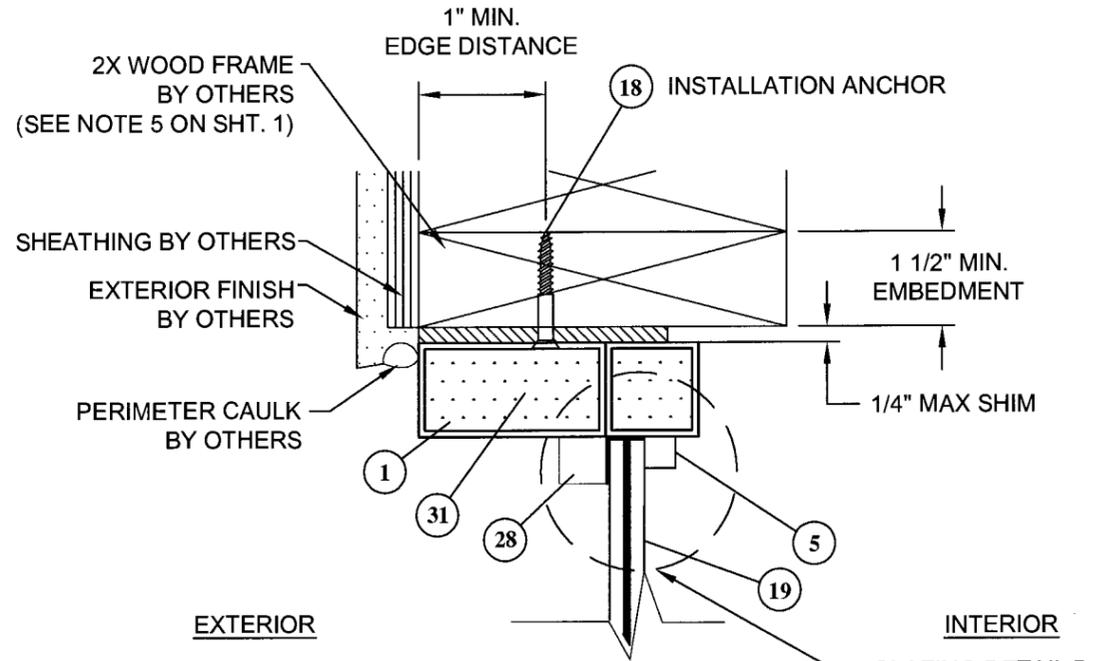
PROJECT# 306-0361
Robert L. Arronuso
Florida P. E. No. 49752

1535 Cogswell Street, Suite C25
Rockledge, Florida 32955
FBPE Certificate of Authorization NO. 25935

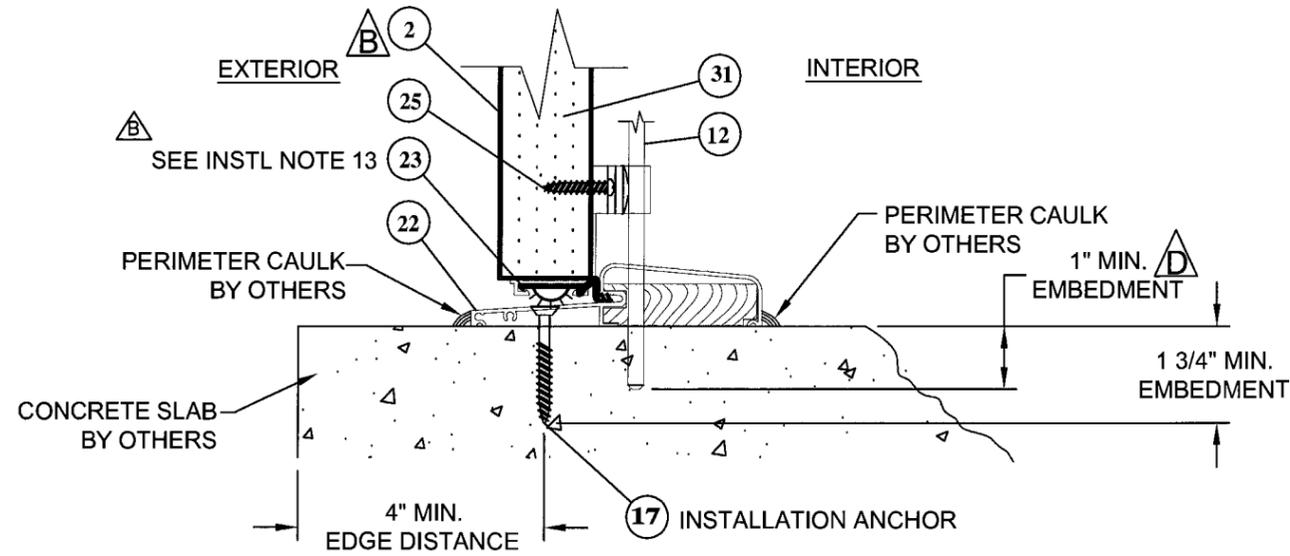
Approved as complying with the Florida Building Code
Date September 09 2009
NOA# 08-0807-21
Miami-Dade Product Control Division
By [Signature]



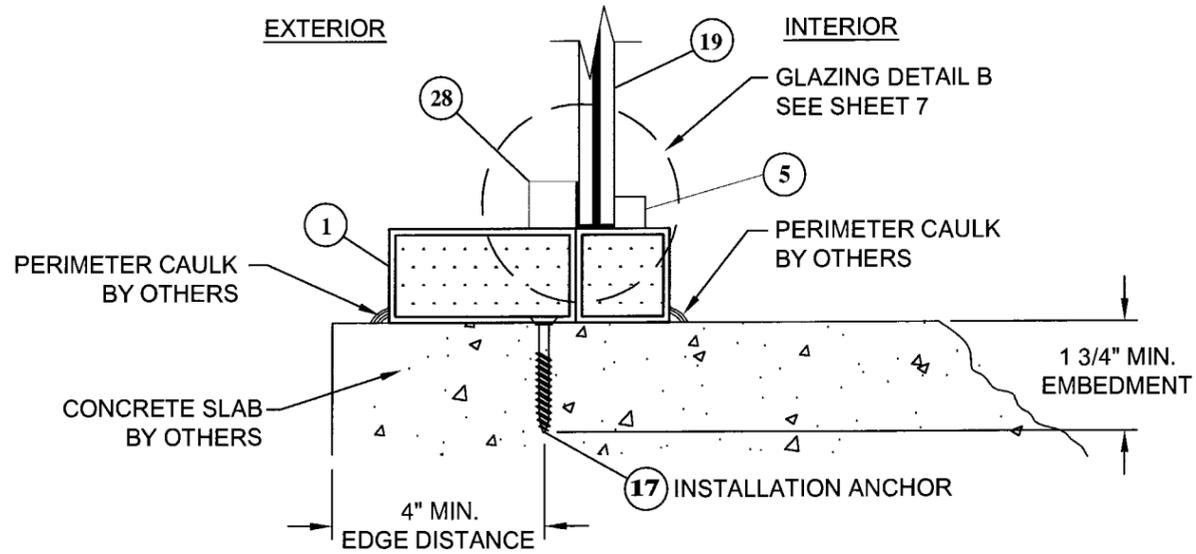
C
5
VERTICAL SECTION
HORIZONTAL MULLION



D
5
VERTICAL SECTION
HEAD - FIXED TRANSOM
WOOD SUBSTRATE



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



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

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
B	PER MIAMI-DADE COMMENTS 05/12/09	06/09/09	BB

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

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

DATE: 07/22/08
DRAWN BY: CB
SCALE: N.T.S.
SHEET: 5 OF 15

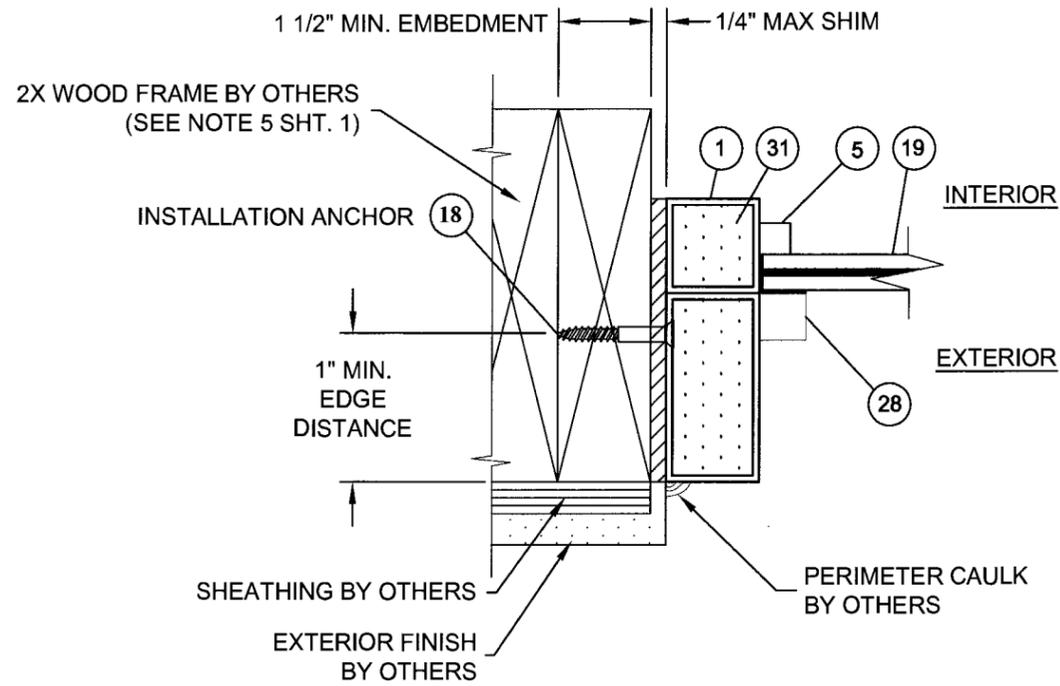
PREPARED BY: PTC, LLC
Phone 321.660.788
Fax 321.660.789

PROJECT# 306-0361
Robert J. Amoroso
Florida P. E. No. 49752

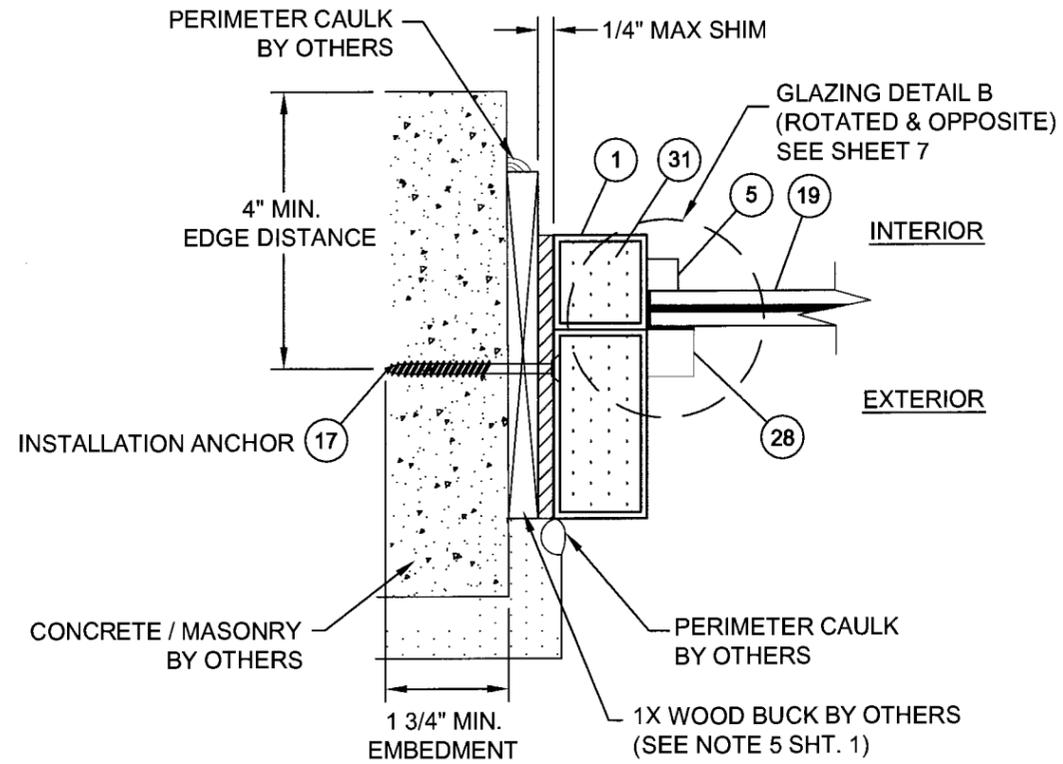
1535 Cogswell Street, Suite C25
Rockledge, Florida 32955
FBPE Certificate of Authorization NO. 25935

Approved as complying with the Florida Building Code
Date: September 09, 2009
NO. 08-080781

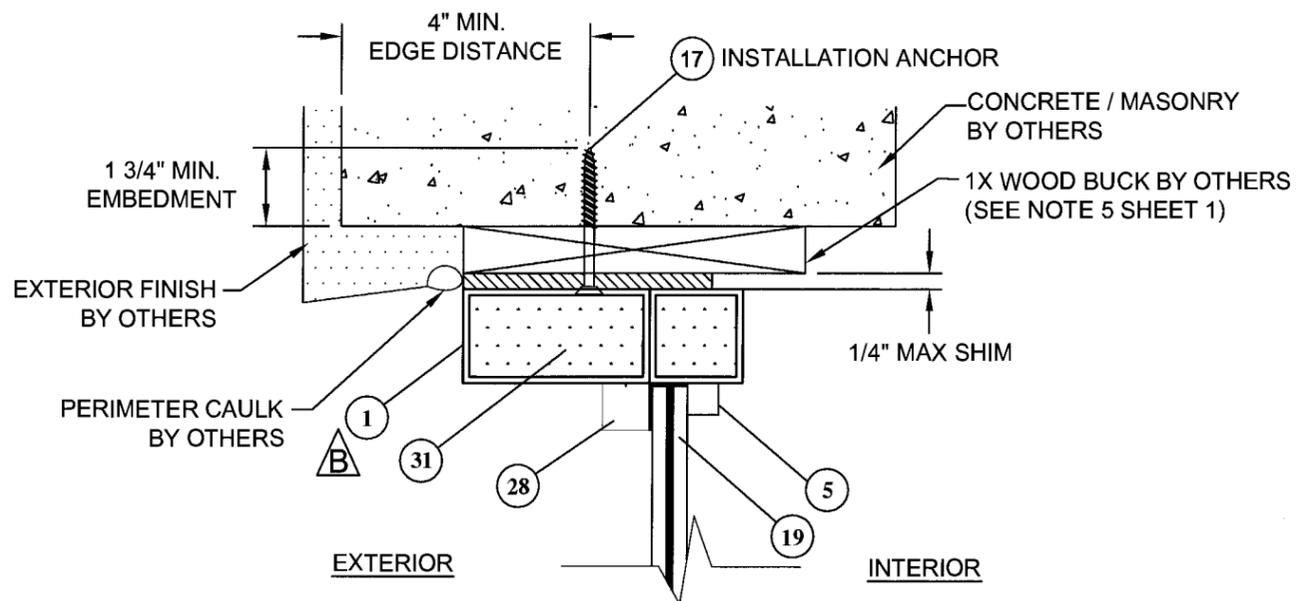
By: *[Signature]*



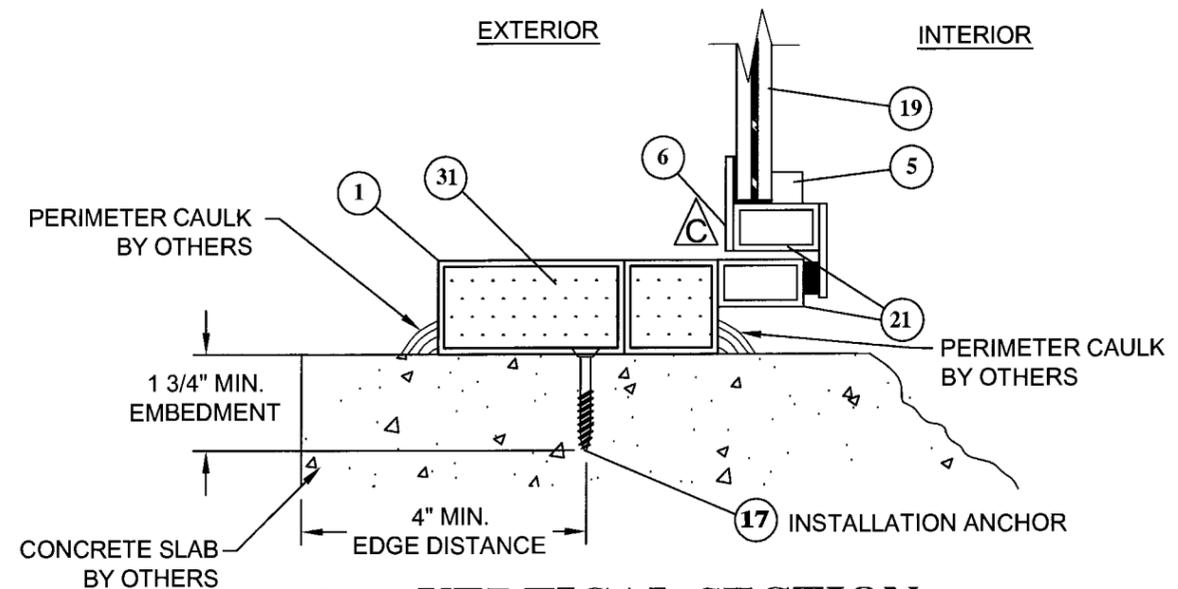
F **HORIZONTAL SECTION**
6 JAMB - FIXED LITE
 WOOD FRAME SUBSTRATE



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

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

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

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

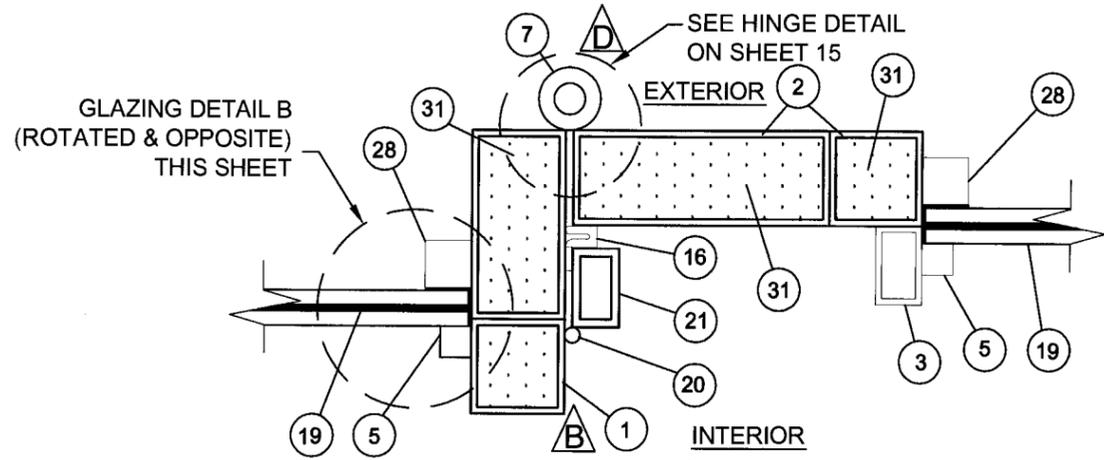
PREPARED BY: PTC, LLC
 Phone 321.660.1788
 Fax 321.660.1789

DRAWN BY: CB DATE: 07/22/08
 SCALE: N.T.S. DRAWING NO: VIN0001
 REV: C SHEET: 6 OF 15

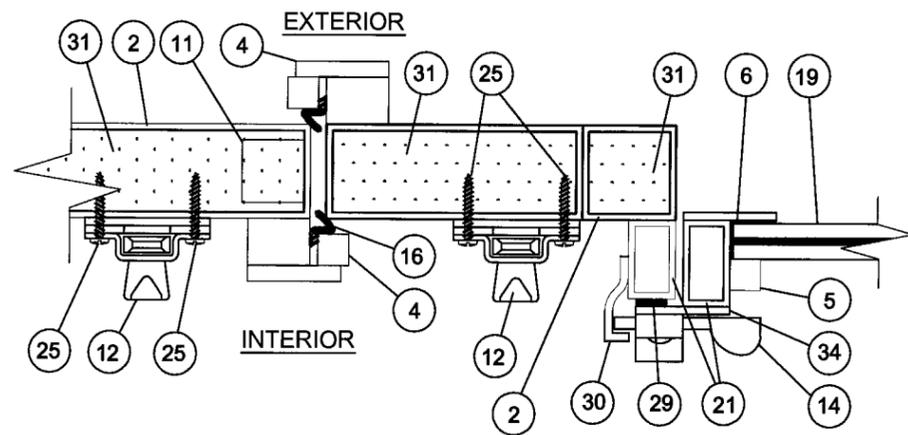
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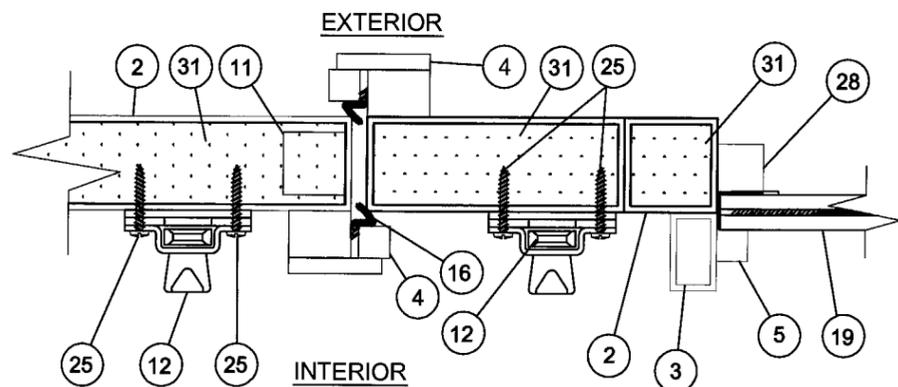
Approved as complying with the Florida Building Code
 Date: September 09, 2009
 NOA# 018-080721
 Division: Miami Dade Product Control
 By: [Signature]



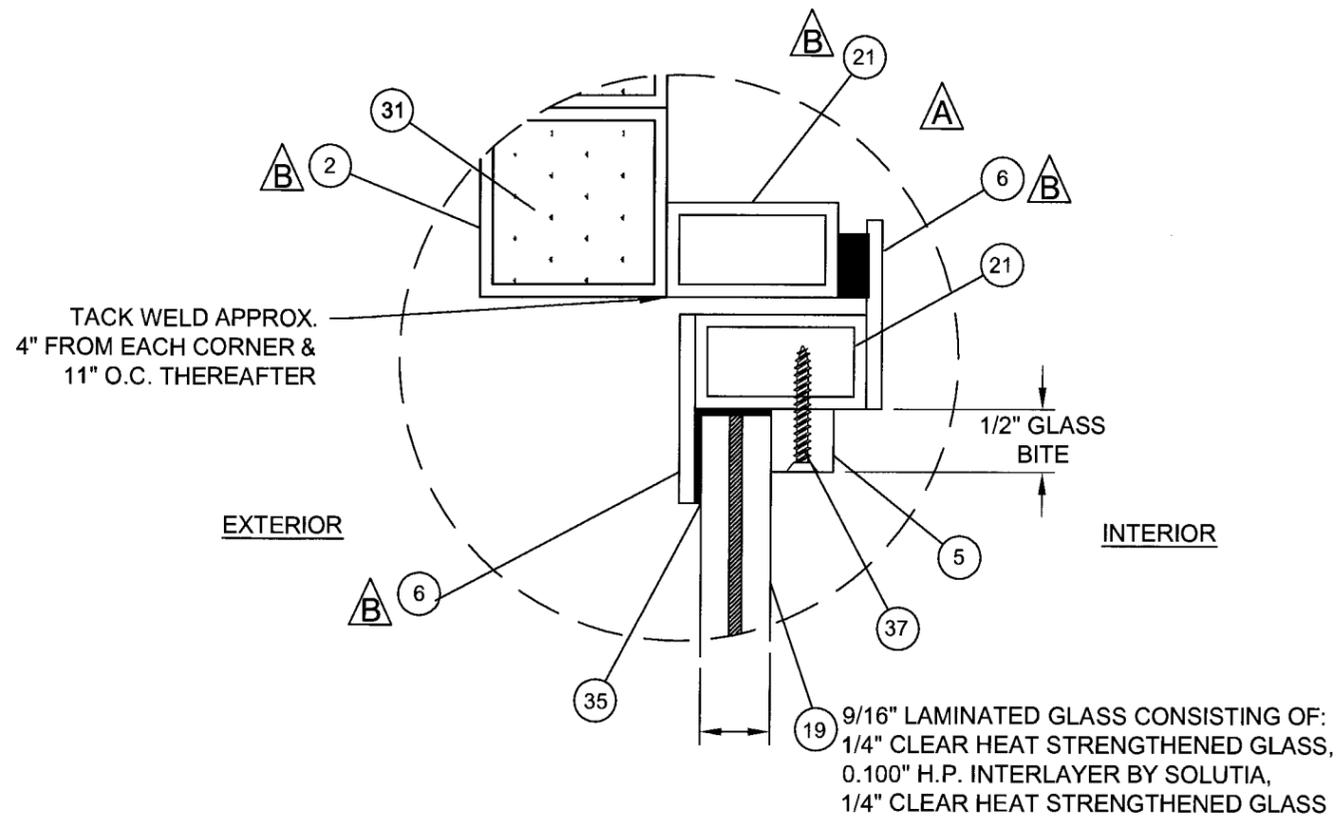
K HORIZONTAL SECTION
7 VERTICAL MULLION AT FIXED LITE



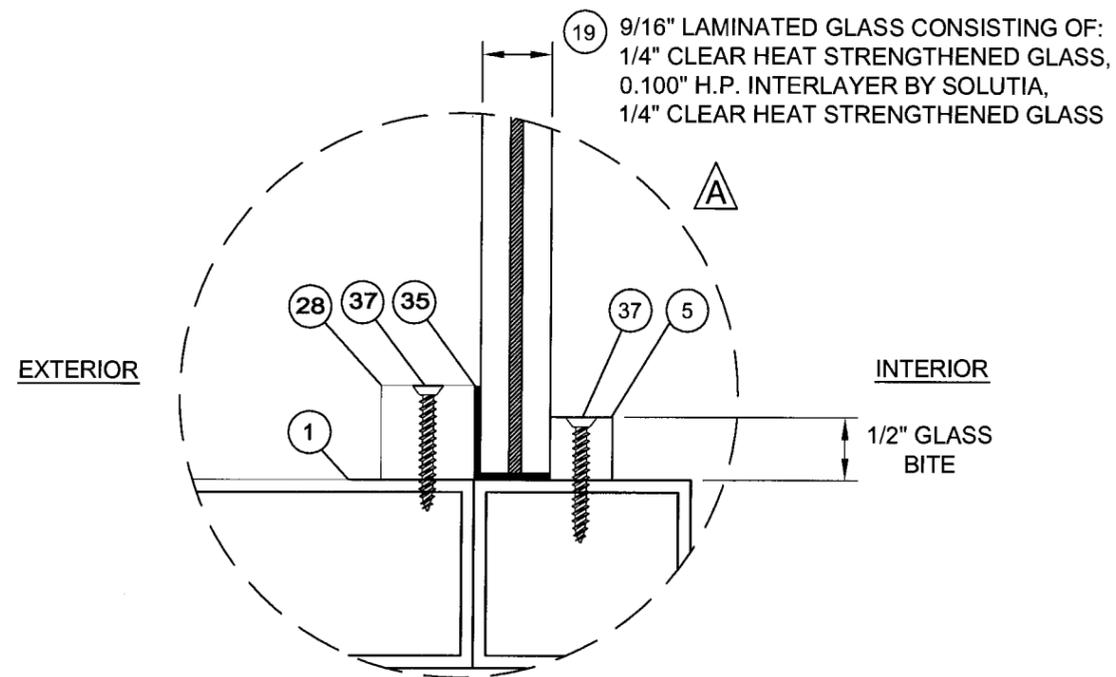
J HORIZONTAL SECTION
7 ASTRAGAL W/ OPTIONAL OPERABLE GLAZING PANEL



I HORIZONTAL SECTION
7 ASTRAGAL W/ FIXED GLAZING PANEL



GLAZING DETAIL A



GLAZING DETAIL B

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

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

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

DATE: 07/22/08
 DRAWING NO.: VIN0001
 SHEET: 7 OF 15

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

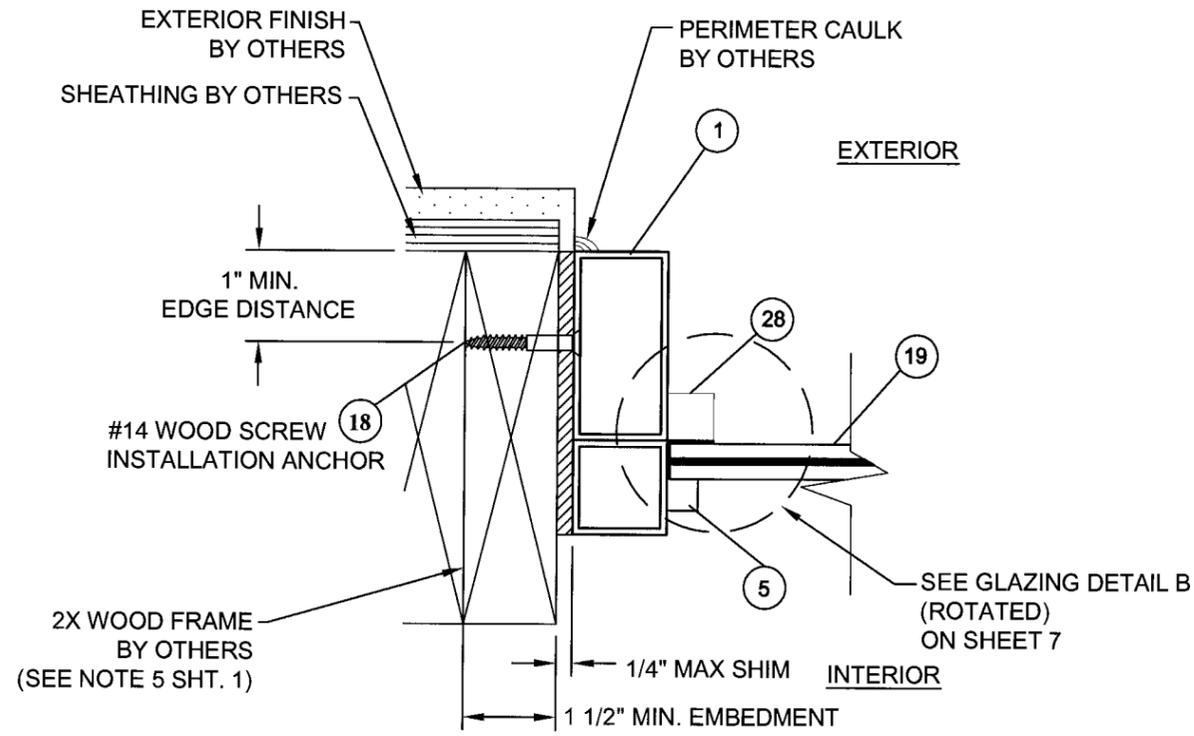
PTC, LLC
 Phone 321.680.1788
 Fax 321.680.1789

PROJECT# 306-0361
 Robert J. Aronuso
 Florida P. E. No. 49752

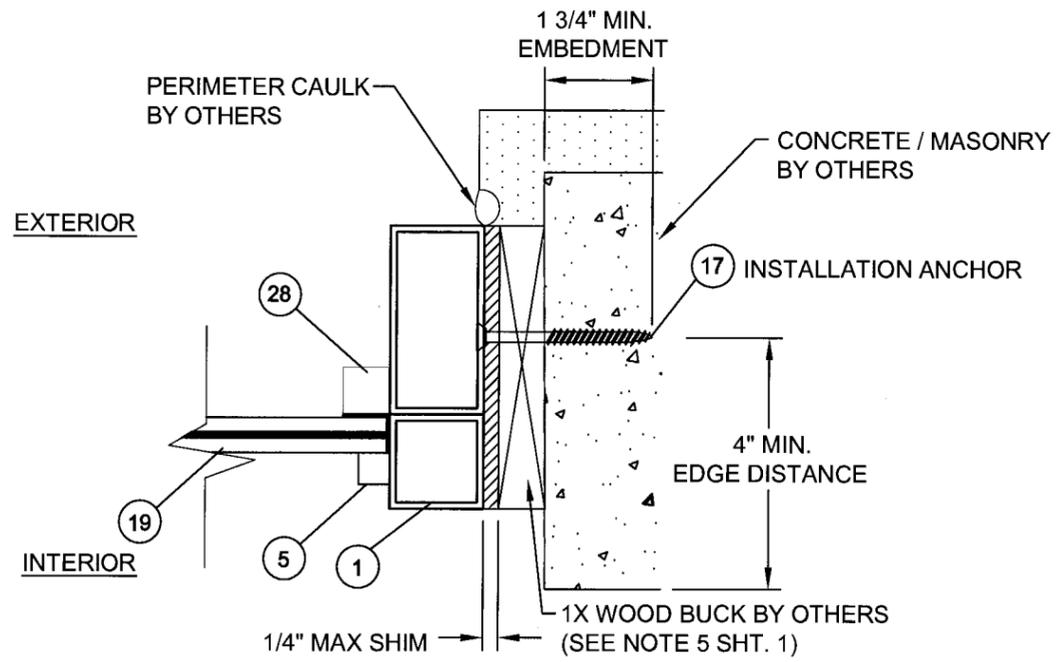
W. H. Aronuso

PTC, LLC
 1535 Cogswell Street, Suite C25
 Rockledge, Florida 32955
 FBPE Certificate of Authorization NO. 25935

Approved as complying with the Florida Building Code
 Date: September 09, 2009
 NOA#: 08-088-711
 Division: Product Control
 By: *[Signature]*



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



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

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: - SHEET: 9 OF 15

PREPARED BY: **PTC**
PTC, LLC
Phone 321.660.1788
Fax 321.660.1788

PROJECT# 306-0361

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

Robert J. Amoroso 9/11/09

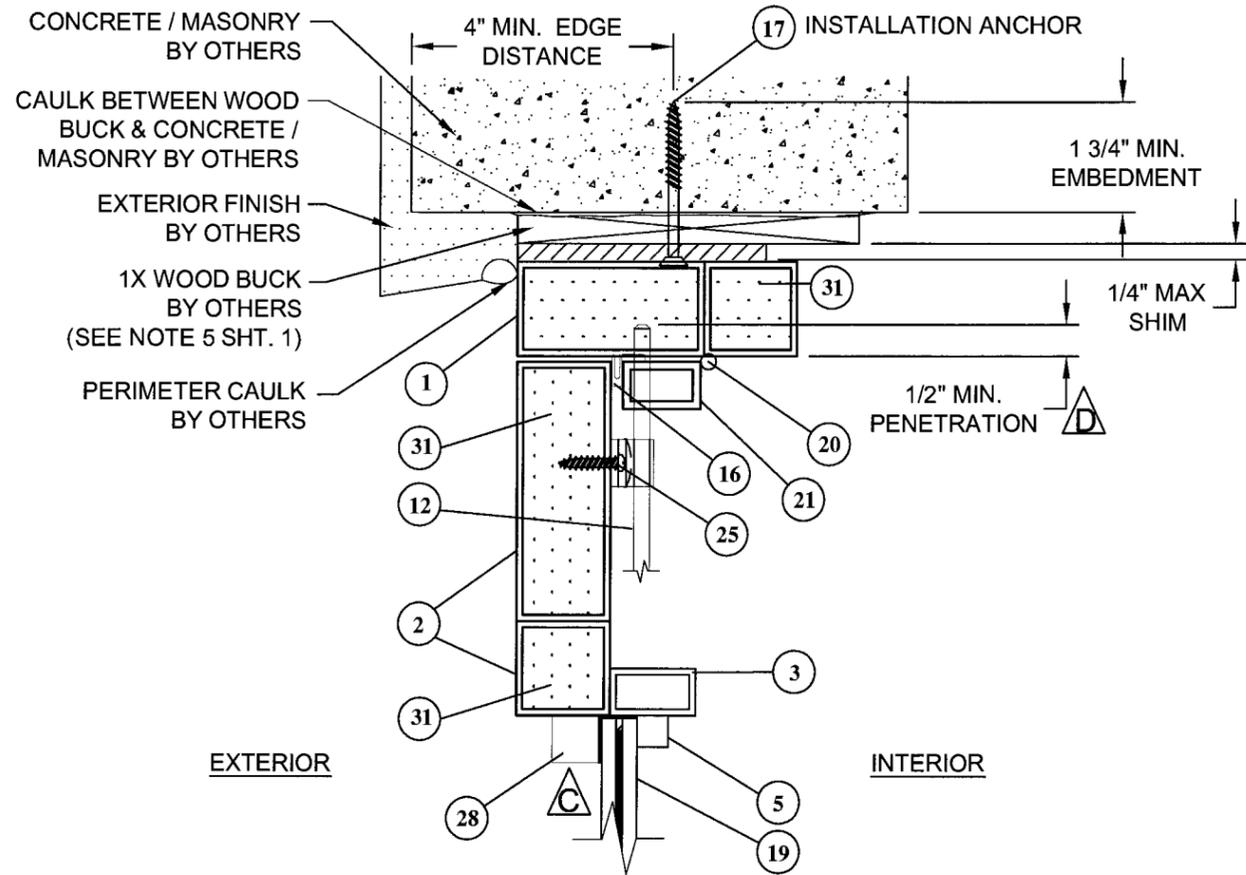
PTC, LLC
1535 Cogswell Street, Suite C25
Rockledge, Florida 32955
FBPE Certificate of Authorization NO. 25935

Approved as complying with the Florida Building Code

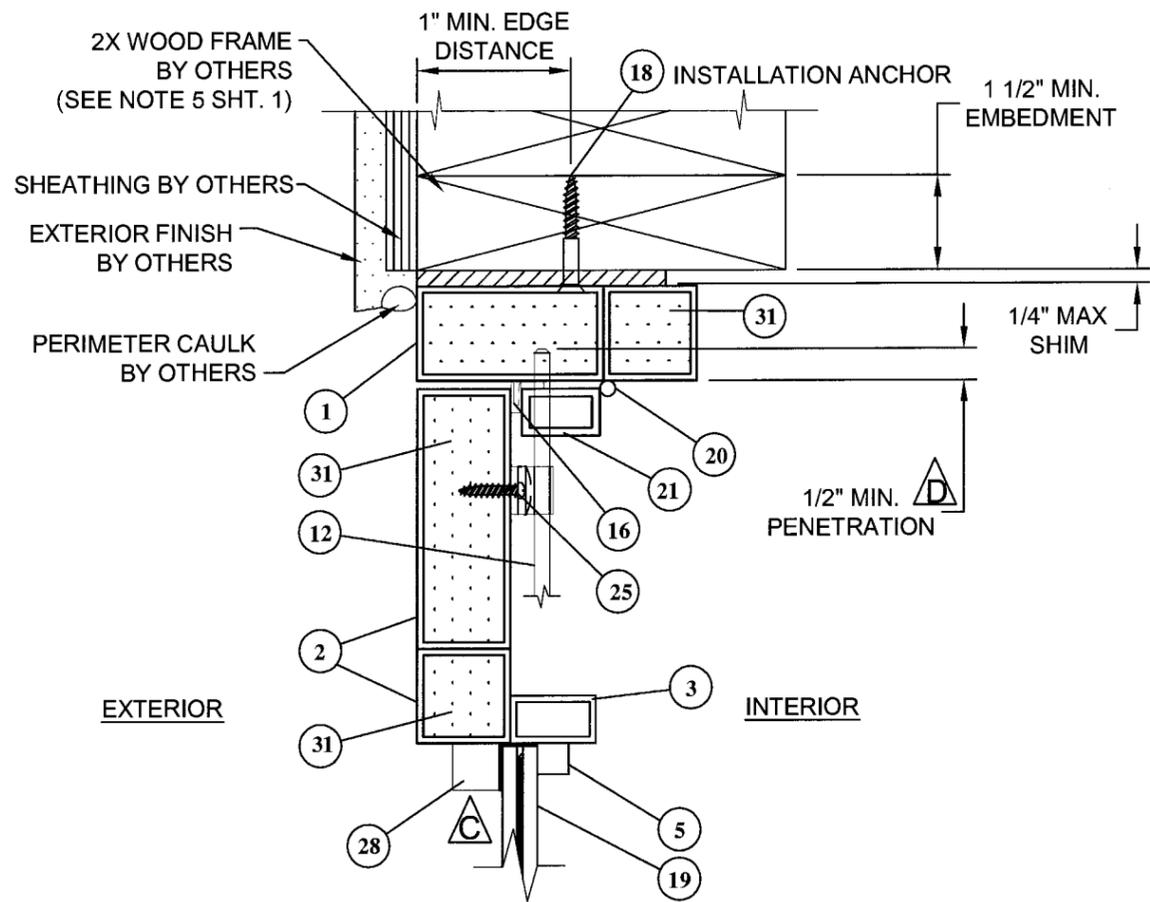
Date: *September 2009*
NOA# *08-088721*

Miami Dade Product Control Division

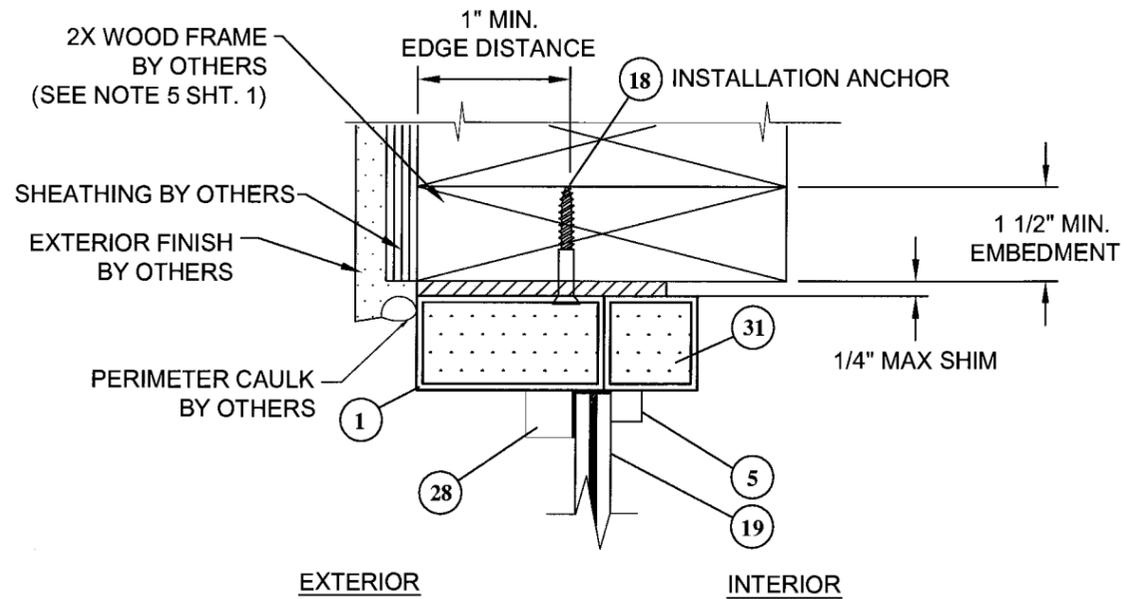
By: *John Doe*



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

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	REV	DESCRIPTION		

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

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

DRAWN BY: CB DATE: 07/22/08
SCALE: N.T.S. DRAWING NO: VIN0001
REV: D SHEET: 10 OF 15

PREPARED BY:
FIC
PTC, LLC
Phone 321.690.1788
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PROJECT# 306-0361

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

[Signature]

PTC, LLC
1535 Cogswell Street, Suite C25
Rockledge, Florida 32955

FBPE Certificate of Authorization NO. 26935

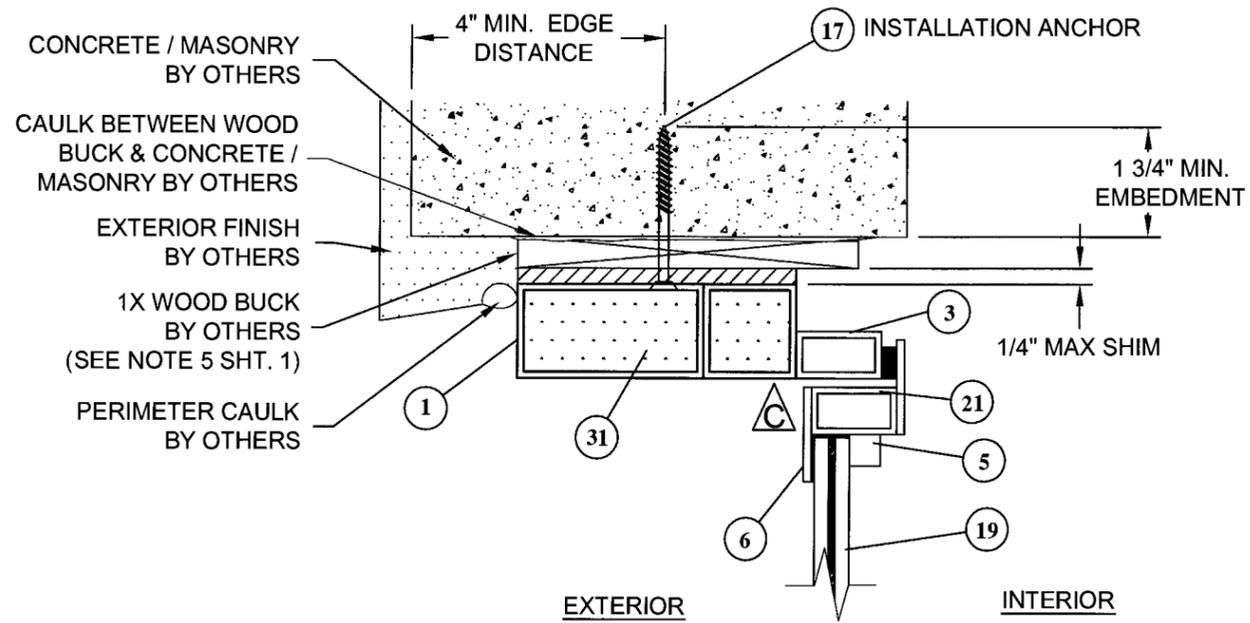
Approved as complying with the Florida Building Code

Date: **September 09 2009**

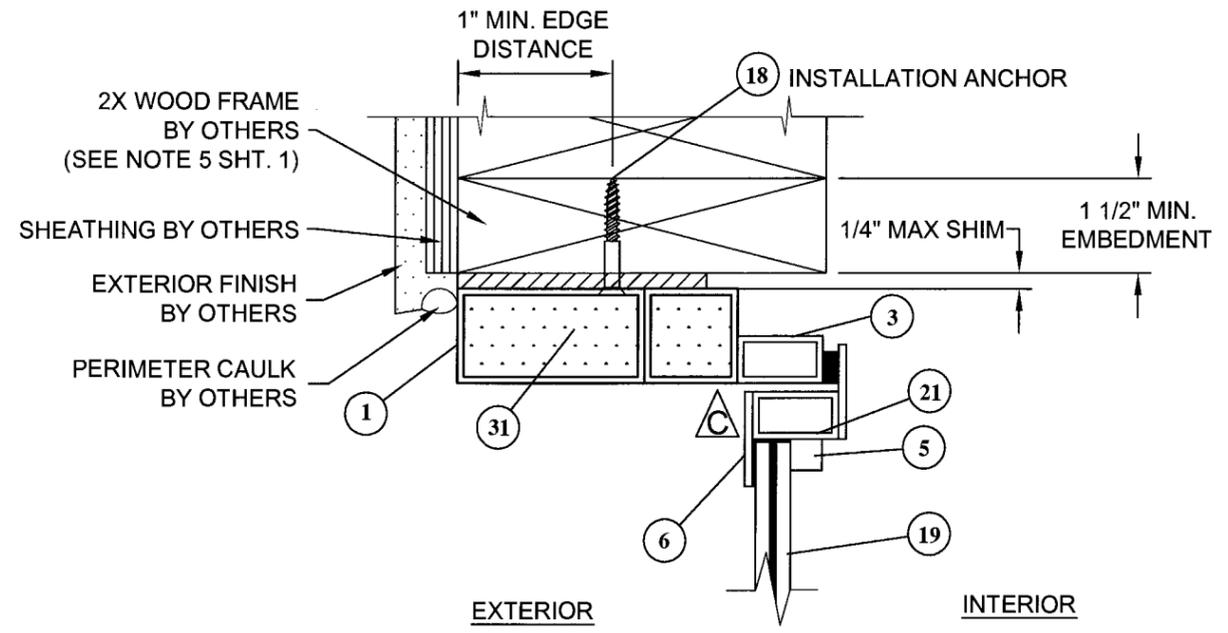
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Miami-Dade Product Control Division

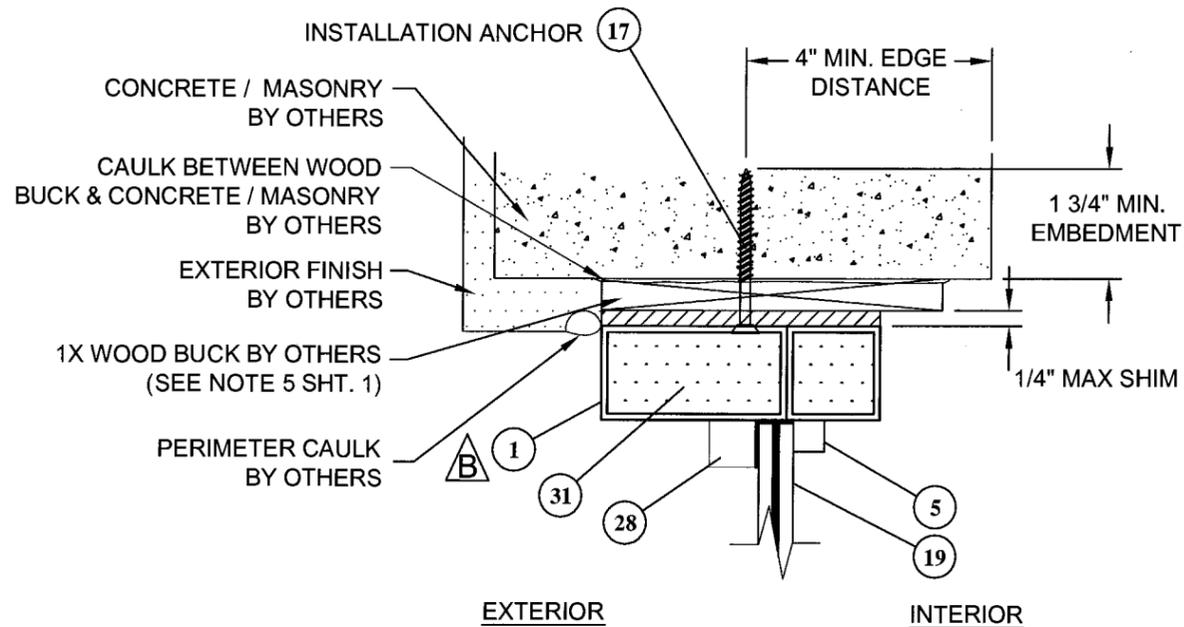
By: *[Signature]*



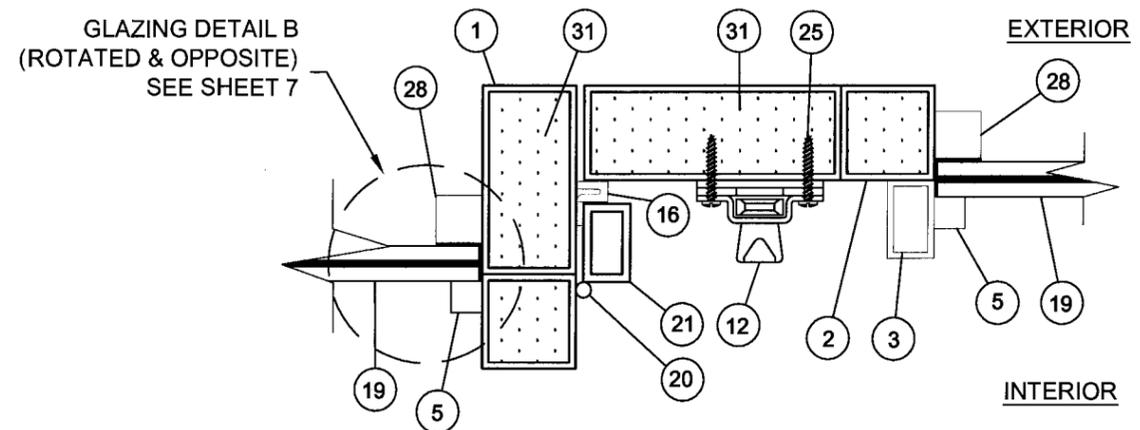
U
11 VERTICAL SECTION
HEAD FRAME - SIDELITE W/ OPT. OPERABLE GLAZING
CONCRETE / MASONRY



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

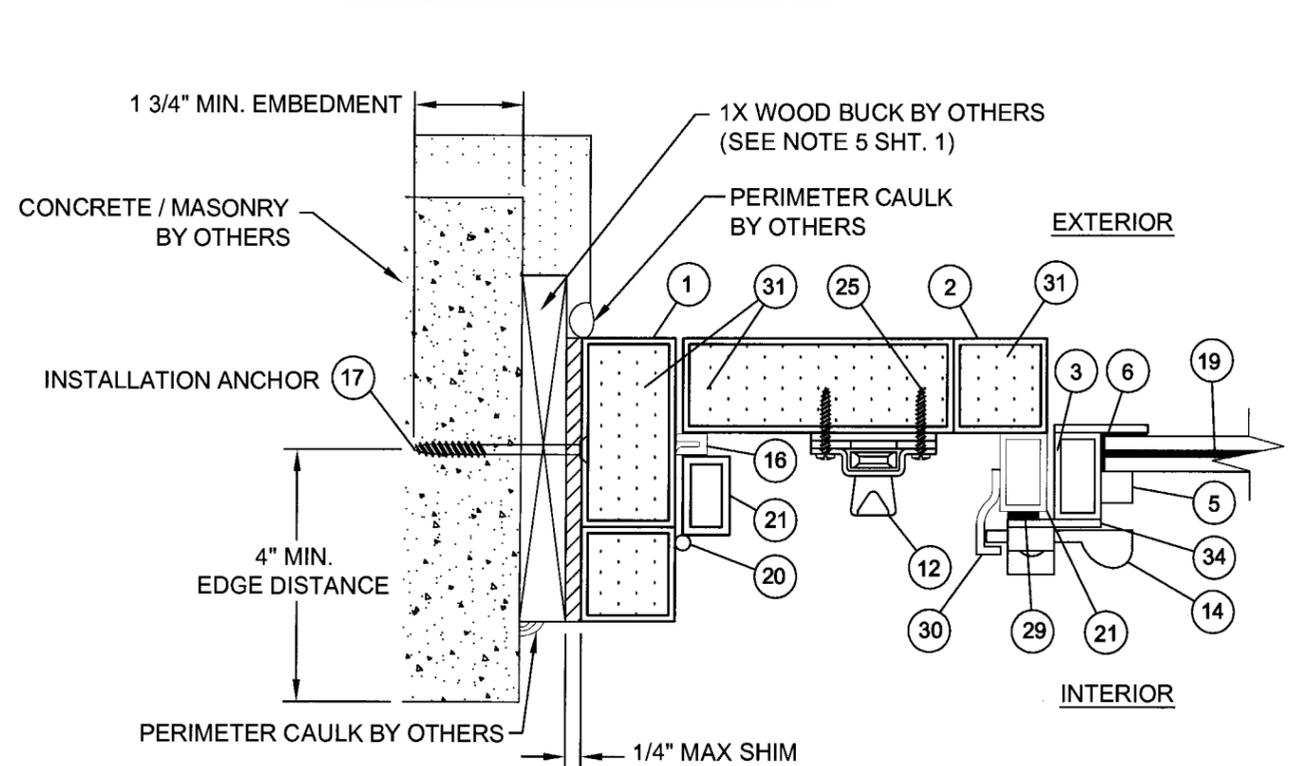
		SMC	BB	BY
		06/25/09	06/09/09	DATE
C	PER MIAMI-DADE COMMENTS 05/12/09			DESCRIPTION
B	PER MIAMI-DADE COMMENTS 05/12/09			REV

VINTAGE IRONWORKS 987 JOSIANE COURT, SUITE 1064 ALTA MONTE SPRINGS, FLORIDA 32701		DATE: 07/22/08	11 OF 15
TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM VERTICAL AND HORIZONTAL SECTIONS		DRAWING NO: VIN0001	
DRAWN BY: CB	SCALE: N.T.S.	REV: C	

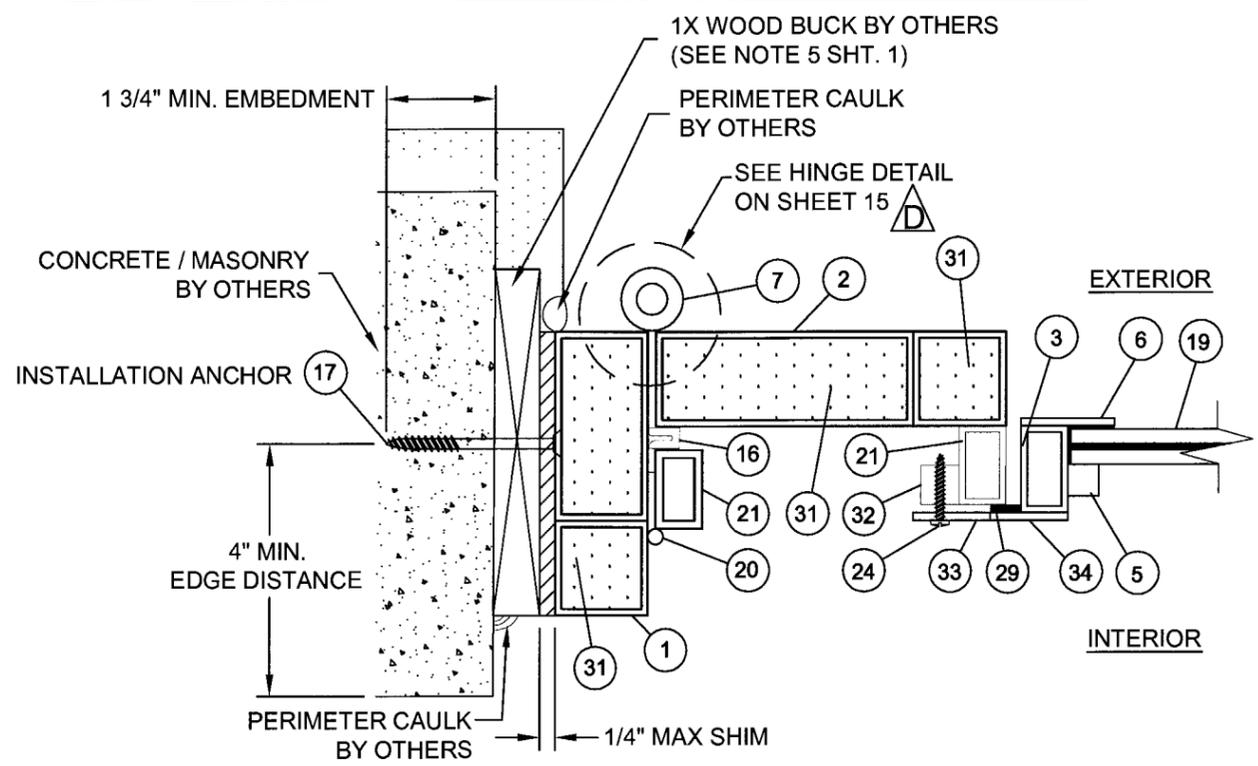


PROJECT# 306-0361
Robert J. Amoroso
Florida P. E. No. 49752
W. J. Amoroso
1535 Cogswell Street, Suite C25
Rockledge, Florida 32955
FBPE Certificate of Authorization NO. 25935

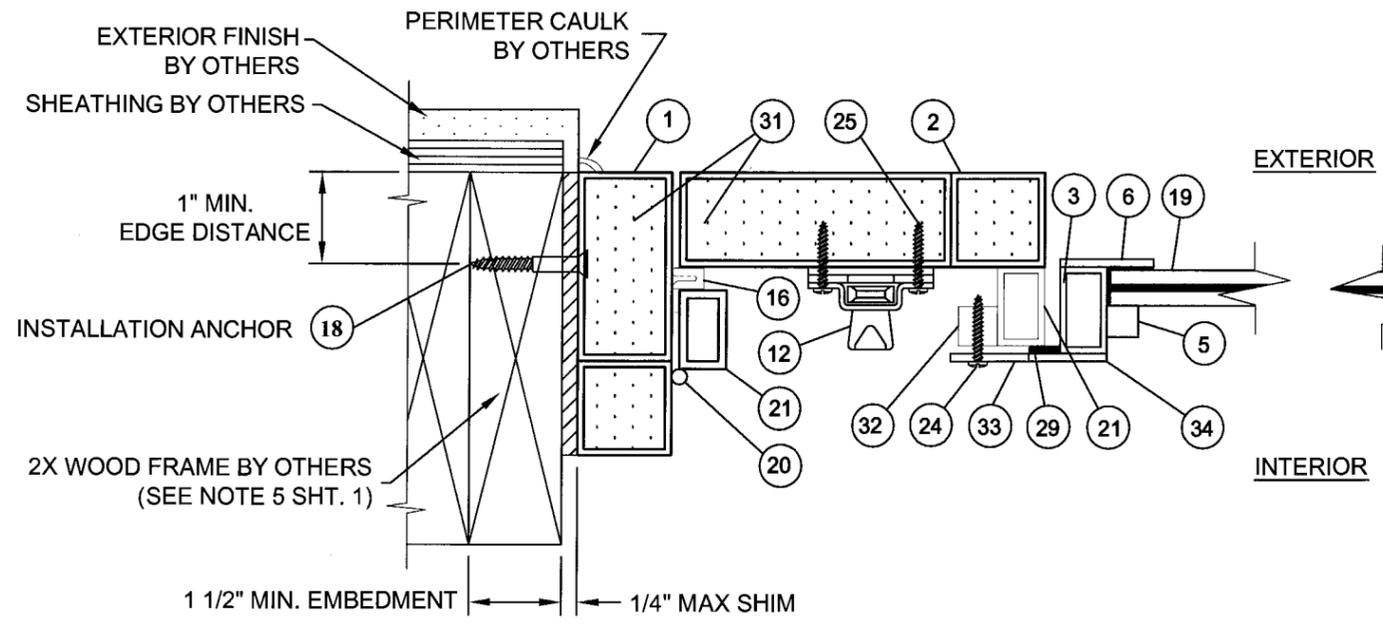
Approved as complying with the Florida Building Code
Date: *September 09, 2009*
NOA# *08-0807-21*
Miami Dade Product Control
Division *James Paul*



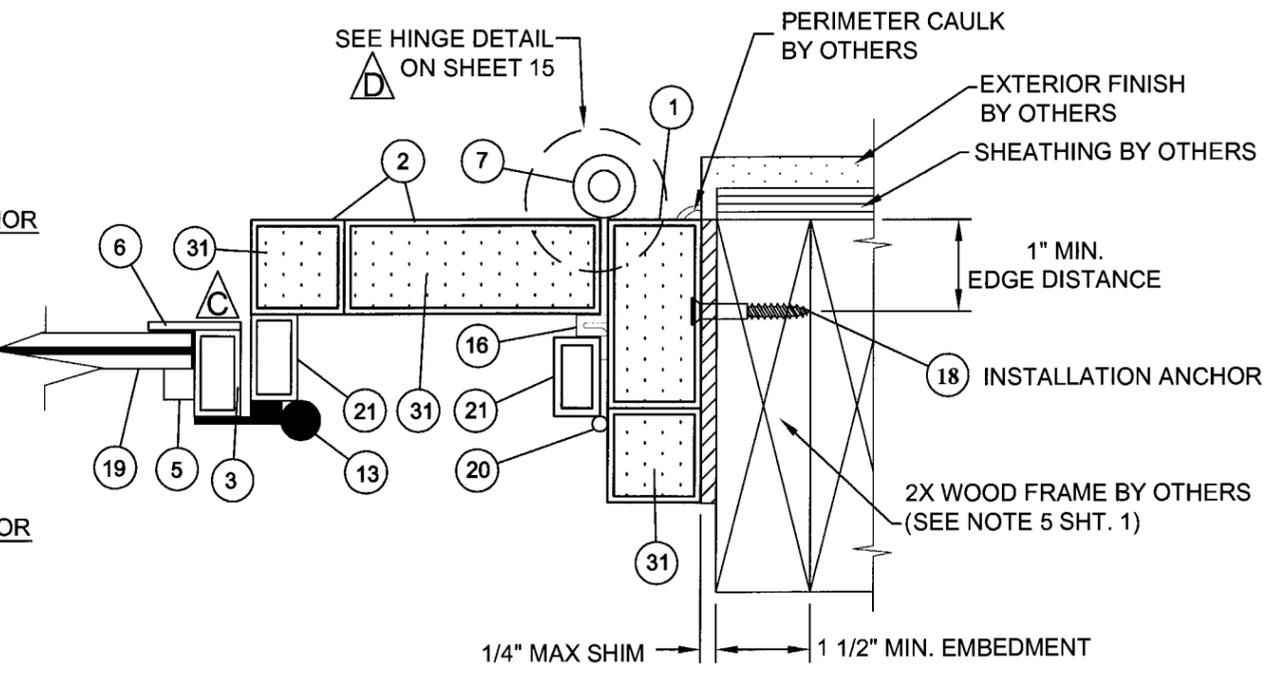
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12 **HORIZONTAL SECTION**
JAMB - LOCKSTILE INTO
CONCRETE / MASONRY SUBSTRATE
W/ OPTIONAL OPERABLE GLAZING



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

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

VINTAGE IRONWORKS
987 JOSIANE COURT, SUITE 1064
ALTIMONTE 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: C SHEET: 12 OF 15

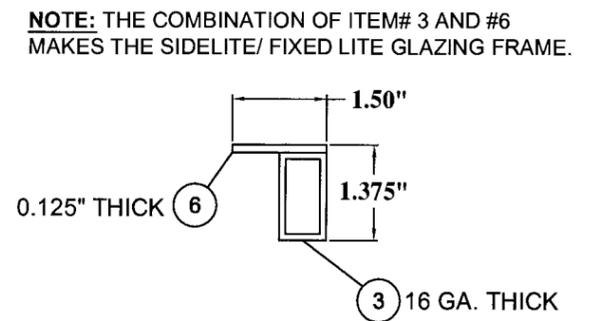
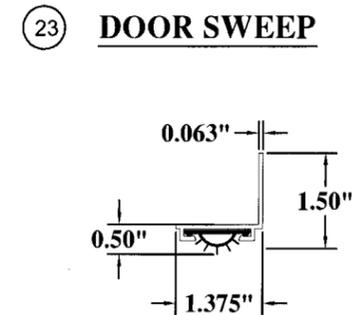
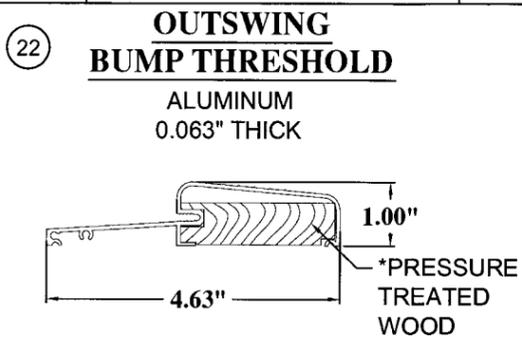
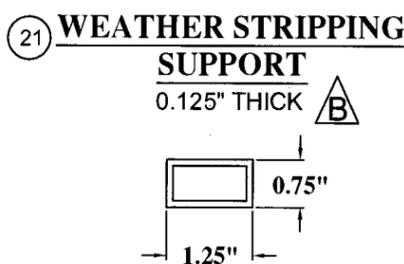
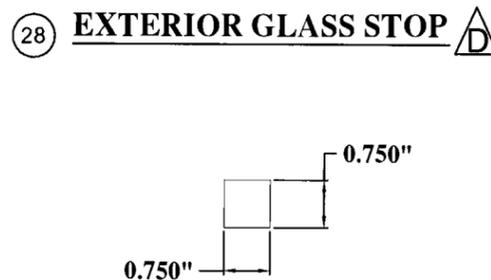
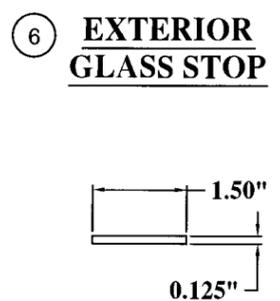
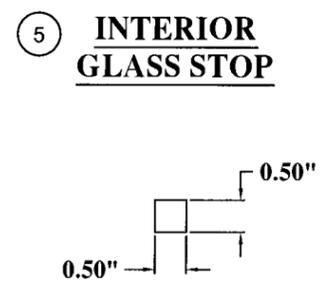
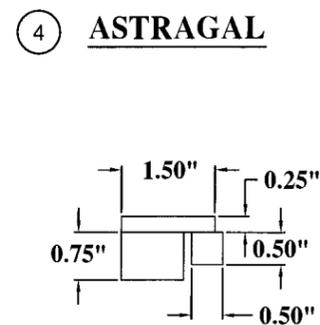
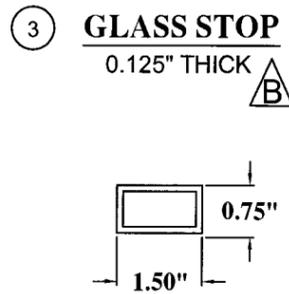
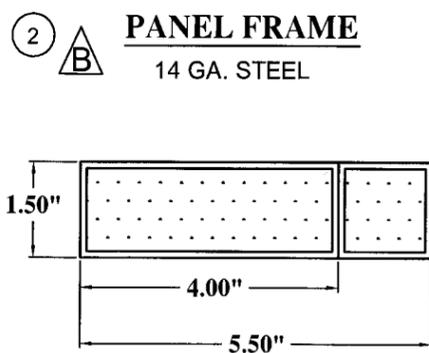
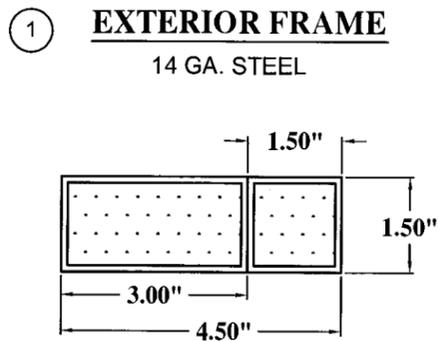
PREPARED BY: **PTC**
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1535 Cogswell Street, Suite C25
Rockledge, Florida 32955
Phone 321.660.1788
Fax 321.660.1789

PROJECT# 306-0361
Robert J. Amoroso
Florida P. E. No. 49752

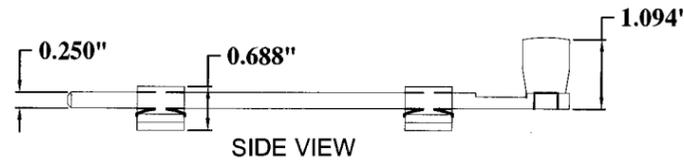
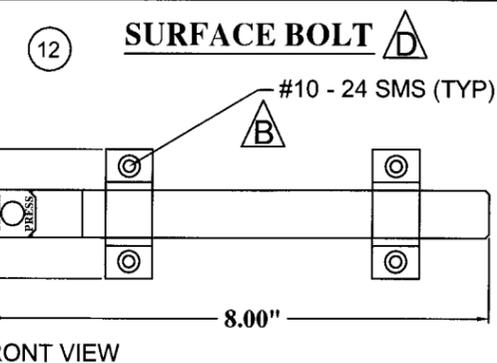
Robert J. Amoroso 08/11/09

PTC, LLC
1535 Cogswell Street, Suite C25
Rockledge, Florida 32955
FBPE Certificate of Authorization NO. 25935

Approved as complying with the
Florida Building Code
Date: **September 09, 2009**
NOA# **08-080721**
District: **Code Product Control**
By: *[Signature]*



*SEE INSTALLATION NOTE 12 ON SHEET 1



NO.	PART NO.	DESCRIPTION	MATERIAL	MANUF.
1		EXTERIOR FRAME: 1-14 GA. RECTANGULAR TUBE 1.50" X 3.00" AND 1-14 GA SQUARE TUBE 1.50 X 1.50	**	
2		EXTERIOR FRAME: 1-14 GA. RECTANGULAR TUBE 1.50" X 4.00" AND 1-14 GA SQUARE TUBE 1.50 X 1.50	**	
3		GLASS STOP: 16 GA. RECTANGULAR TUBE 0.75" X 1.25"	**	
4		ASTRAGAL: 3 PCS. 1 EACH (1.00" X 0.75"), (1.50" X 0.25") & (0.50" X 0.50")	ASTM A36	
5		INTERIOR GLASS STOP 0.50" X 0.50" SQUARE BAR	ASTM A36	
6		EXTERIOR GLASS STOP 0.125" X 1.50" SOLID FLAT BAR	ASTM A36	
7		1.00" X 6.00" BARREL HINGE, CUSTOM	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" X 1.00" X 6.75"	BRASS	ROCKWOOD
12	580-8	SURFACE BOLT 8.00" LONG IVES #453 OR #454 OR EQUAL	BRASS	ROCKWOOD
13		GLASS PANEL HINGE (OPTIONAL) CUSTOM, 0.625" X 2.625	ASTM A-36	
14	2589B	GLASS PANEL LOCK (OPTIONAL)	BRASS	CRL
16	Q106D	WEATHERSTRIPPING, KERF	FOAM	PEMKO
17		5/16" ITW TAPCON W/ 1.75" MIN. EMBEDMENT	STEEL	ITW
18		#14 WOOD SCREW INSTALLATION ANCHOR W/ MIN. 1.50" EMBEDMENT	STEEL	
19		9/16" LAMINATED GLASS CONSISTING OF: 0.25" H.S. GLASS/ 0.100" H.R. INTERLAYER BY SOLUTIA/ 0.25" H.S. GLASS	GLASS	
20		.275" DOWEL	ASTM A36	
21		WEATHERSTRIPPING SUPPORT 0.75" X 1.25" RECTANGULAR TUBE	**	
22	8451DQ	OUTSWING BUMP THRESHOLD	6063 - T52	PEMKO

**A500, GRADE B OR A513

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" X 1.50" BAR/STOP	ASTM A36	
27		1.50" X 1.50" X 1.75" BLOCK FLUSH BOLT RETAINING BLOCK	ASTM A36	CUSTOM
28		EXTERIOR GLASS STOP 0.75" X 0.75" SQUARE BAR	**	
29	60701	0.25" X 1.50" WEATHERSTRIPPING	FOAM	CRL
30		0.125" X 0.75" WINDOW LOCK CATCH	ASTM A36	CUSTOM
31		POLYURETHANE FOAM	FOAM	FOMO PRODUCTS
32		0.625" X 0.625" X 1.25" ASTM A36 ANCHOR BLOCK	ASTM A36	CUSTOM
33		0.125" X 1.25" FLATBAR GLASS TAB	ASTM A36	CUSTOM
34		0.125" X 1.25" GLASS PANEL SILL	ASTM A36	CUSTOM
35	995	DOW CORNING 995 SILICONE (GLAZING GLASS)	SILICONE	DOW CORNING
36		STRIKE	STEEL	ROCKWOOD
37		#6 X 1" PFH SELF-TAPPING SCREW	STEEL	

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

VINTAGE IRONWORKS
987 JOSIANE COURT, SUITE 1064
ALTA MONTE SPRINGS, FLORIDA 32701

TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM COMPONENTS AND BILL OF MATERIALS

DATE: 07/22/08
DRAWING NO: VIN0001
SCALE: N.T.S.
SHEET: 14 OF 15

PREPARED BY: PTC, LLC
Phone 321.660.1788
Fax 321.660.1788

PROJECT# 306-0381
Robert J. Amoruso
Florida P. E. No. 49752

1535 Cogswell Street, Suite C25
Rockledge, Florida 32955
FBPE Certificate of Authorization NO. 25935

Approved as complying with the Florida Building Code
Date September 09, 2009
NO. 08-0807-21
Miami Design Product Control Division
By: [Signature]

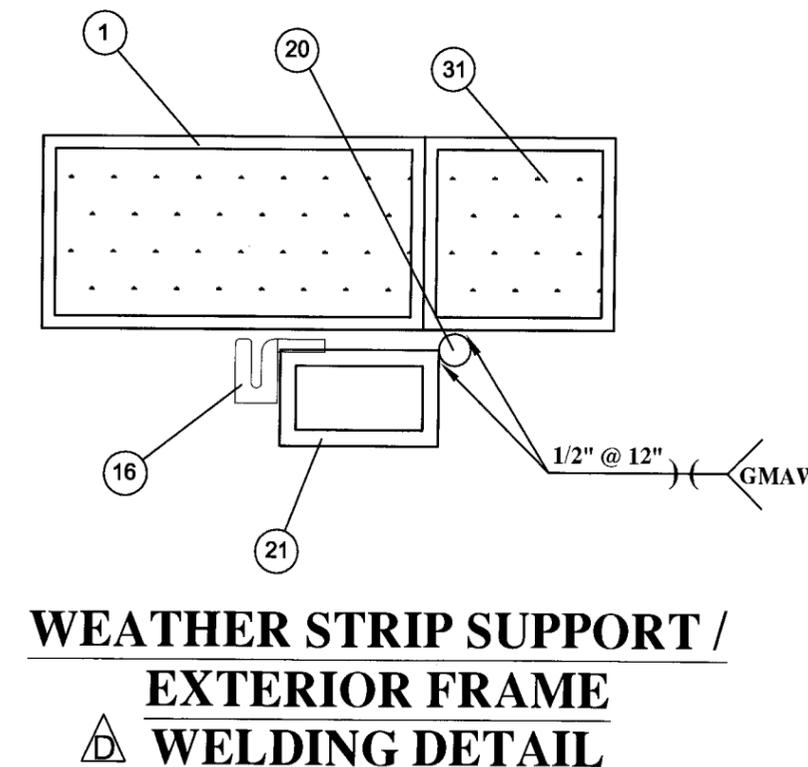
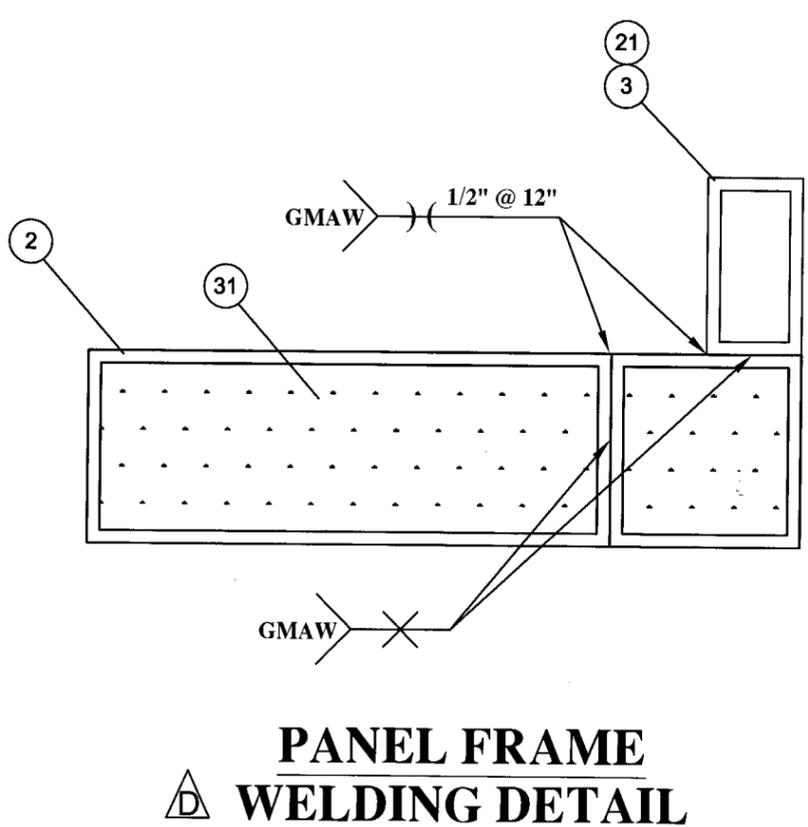
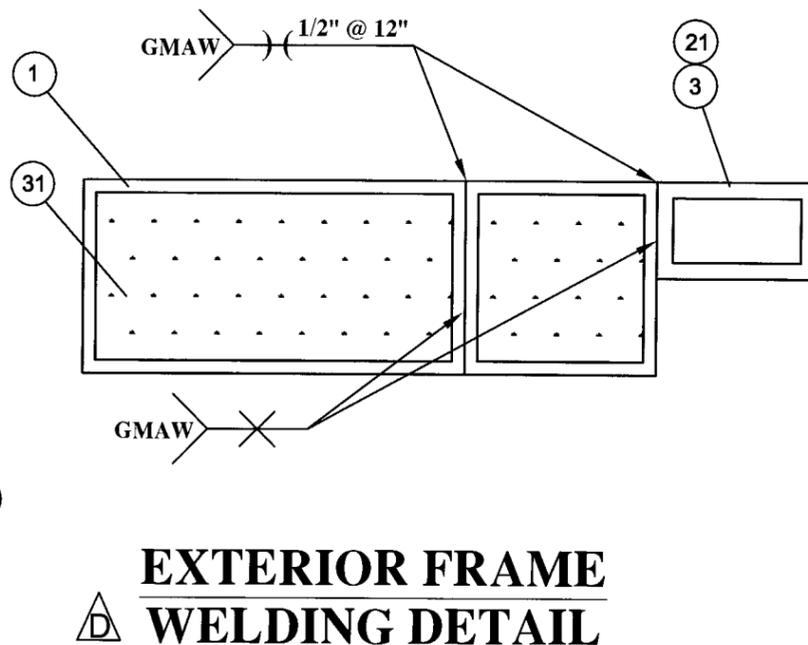
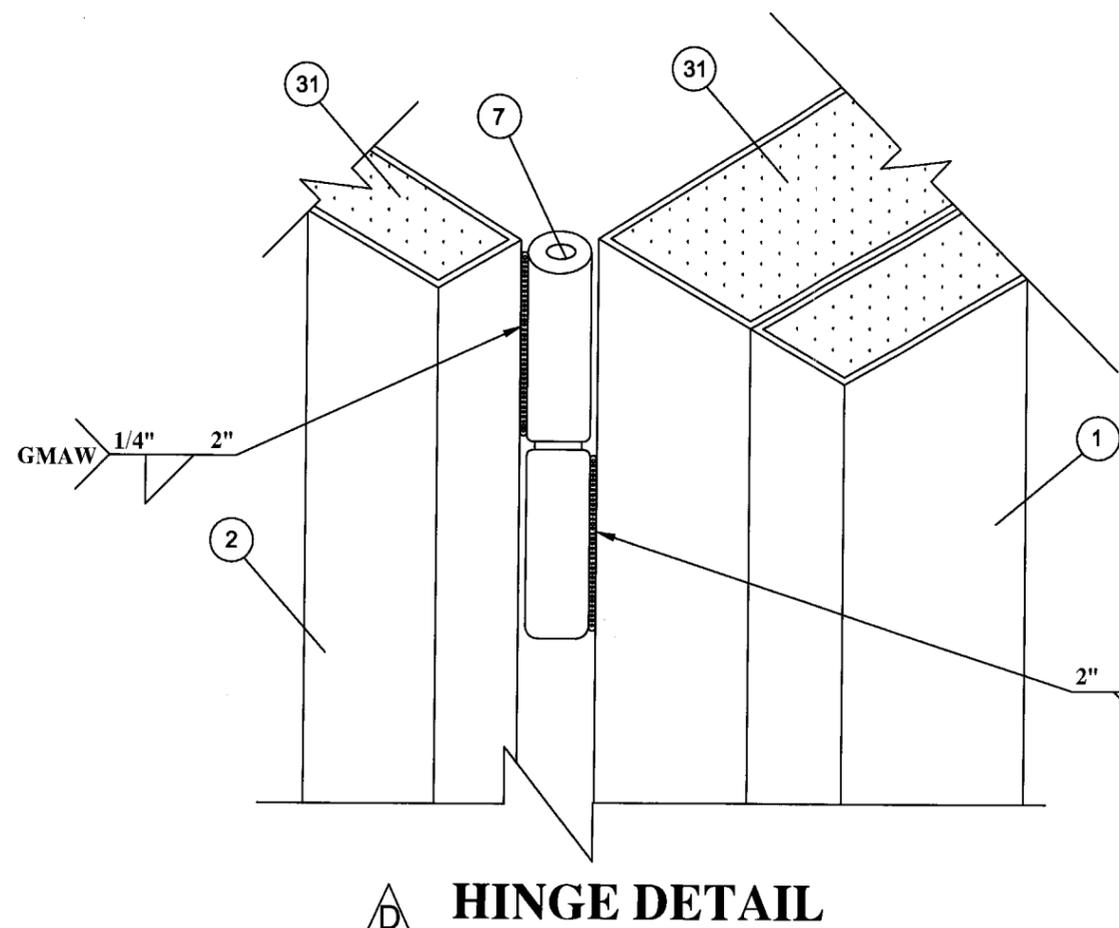
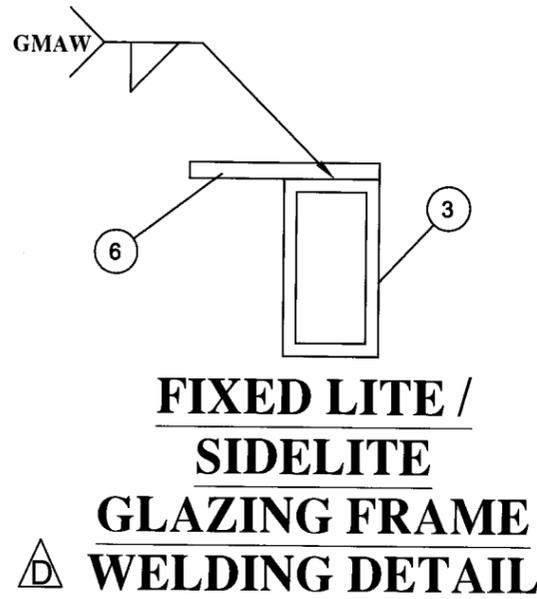


TABLE 1

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	
Typical Mechanical Properties (AW): CO2 Tensile Strength (psf) 90,000 Yield Strength (psf) 73,000 Elongation % in 2" 25%		Shielding Gas CO2 or 75% Air / 25% CO2	
		Operating Range Amps	
		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	

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

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PROJECT#: 306-0361
Robert J. Amoruso
Florida P. E. No. 49752
Date: 08/07/21
Approved as complying with these Florida Building Code
Date: September 09, 2009
NOA#: 08-0807-21
Miami Trade Product Control
Division: *[Signature]*

TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM WELDING SCHEDULE AND DETAILS

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

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