



BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1107  
MIAMI, FLORIDA 33130-1563  
(305) 375-2902 FAX (305) 375-2908

**NOTICE OF ACCEPTANCE (NOA)**

[www.miamidade.gov/buildingcode](http://www.miamidade.gov/buildingcode)

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:**

**9'10" Inswing Glazed Steel French Doors with and/ or without Sidelights and/ or Transom – L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **VIN0002**, titled "Steel Inswing Doors W/ & W/O Sidelights & Transom", sheets 1 through 14 of 14, dated 07/22/08 with revision "D" dated 07/15/09, 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 08-0807.22  
Expiration Date: September 09, 2014  
Approval Date: September 09, 2009  
Page 1

Vintage Ironworks, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No **VIN0002**, Sheets 1 through 14 of 14, dated 07/22/08 with revision "D" dated 07/15/09, 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 202-94

along with marked-up drawings and installation diagram of Steel Inswing 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 08-0807.22

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

# VINTAGE IRONWORKS

## STEEL INSWING 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.  $\Delta$
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  $\Delta$  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.
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  $\Delta$  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

$\Delta$ TABLE OF CONTENTS		
SHEET	REV.	SHEET DESCRIPTION
1	D	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	D	VERTICAL AND HORIZONTAL SECTIONS
7	D	HORIZONTAL SECTIONS AND GLAZING DETAILS
8	D	HORIZONTAL SECTIONS
9	D	VERTICAL SECTIONS
10	D	VERTICAL AND HORIZONTAL SECTIONS
11	D	HORIZONTAL SECTIONS
12	A	QUALIFIED CONFIGURATIONS
13	D	COMPONENTS AND BILL OF MATERIALS
14	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
±16.67	±80.0	

PROJECT# 306-0361

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

Approved as complying with the Florida Building Code  
Date: September 09, 2009  
N/A/08-08-08-08-21-20  
Miami-Dade Property Control  
By: [Signature]

987 JOSIANE COURT, SUITE 1064  
ALTAMONTE SPRINGS, FLORIDA 32701

DATE: 07/22/08  
DRAWING NO: VIN0002  
SCALE: N.T.S.  
SHEET: 1 OF 14

PREPARED BY: [Signature]  
DATE: 07/22/08

FTC, LLC  
Phone 321.660.1788  
Fax 321.660.1789

PER MIAMI-DADE COMMENTS 7/01/09

PER MIAMI-DADE COMMENTS 5/12/09

CORRECT THRESHOLD PART NO.

PER MIAMI-DADE COMMENTS 01/04/09

DESCRIPTION

VINTAGE IRONWORKS

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

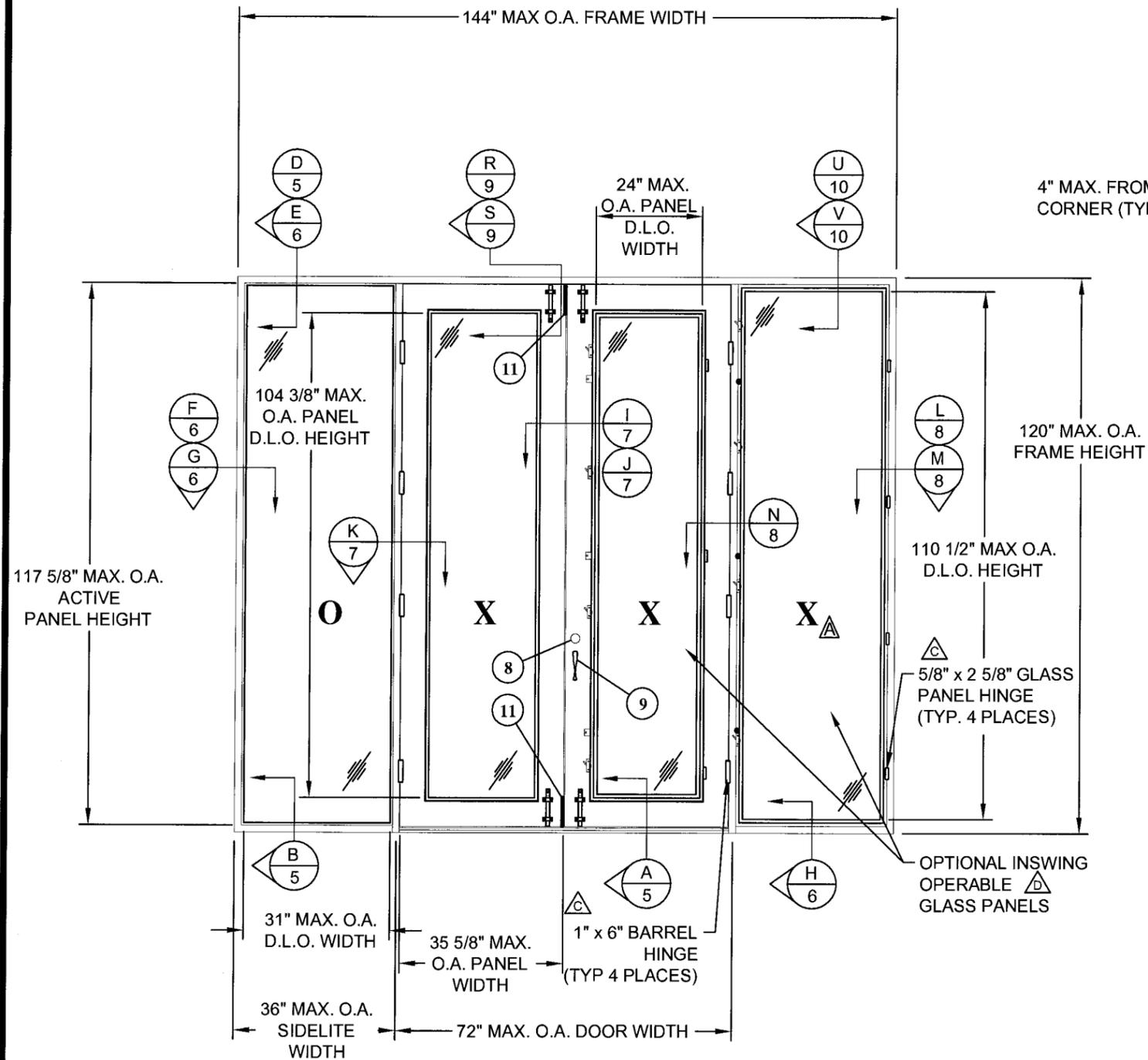
DATE: 07/15/09

DATE: 06/24/09

DATE: 04/23/09

DATE: 01/12/09

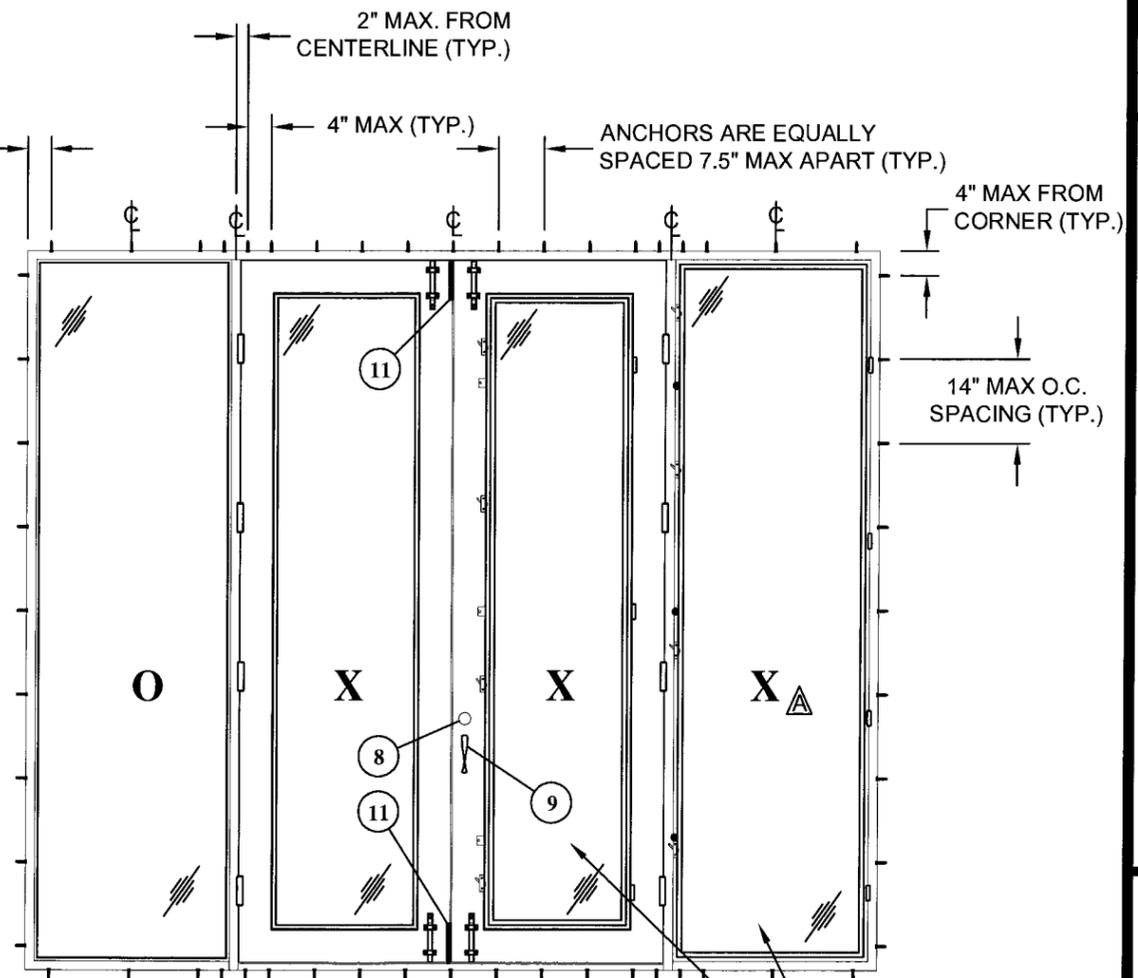
DATE



**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.



**ANCHOR LAYOUT**

INTERIOR VIEW

OPTIONAL INSWING OPERABLE GLASS PANELS

REV	DESCRIPTION	DATE	BY
D	PER MIAMI-DADE COMMENTS 7/01/09	07/15/09	SMC
C	PER MIAMI-DADE COMMENTS 5/12/09	06/24/09	SMC
A	PER MIAMI-DADE COMMENTS 01/04/09	01/12/09	SMC

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

**PTC, LLC**  
1535 Cogswell Street, Suite C25  
Rockledge, Florida 32955  
Phone 321.690.1788  
Fax 321.690.1789

PREPARED BY:   
DATE: 07/22/08

DRAWN BY: CB  
SCALE: N.T.S.  
DRAWING NO: VIN0002  
SHEET: 2 OF 14

TITLE: STEEL INSWING DOORS W/ & W/O SIDELITES & TRANSON ELEVATION & ANCHOR LAYOUT

PROJECT# 306-0361

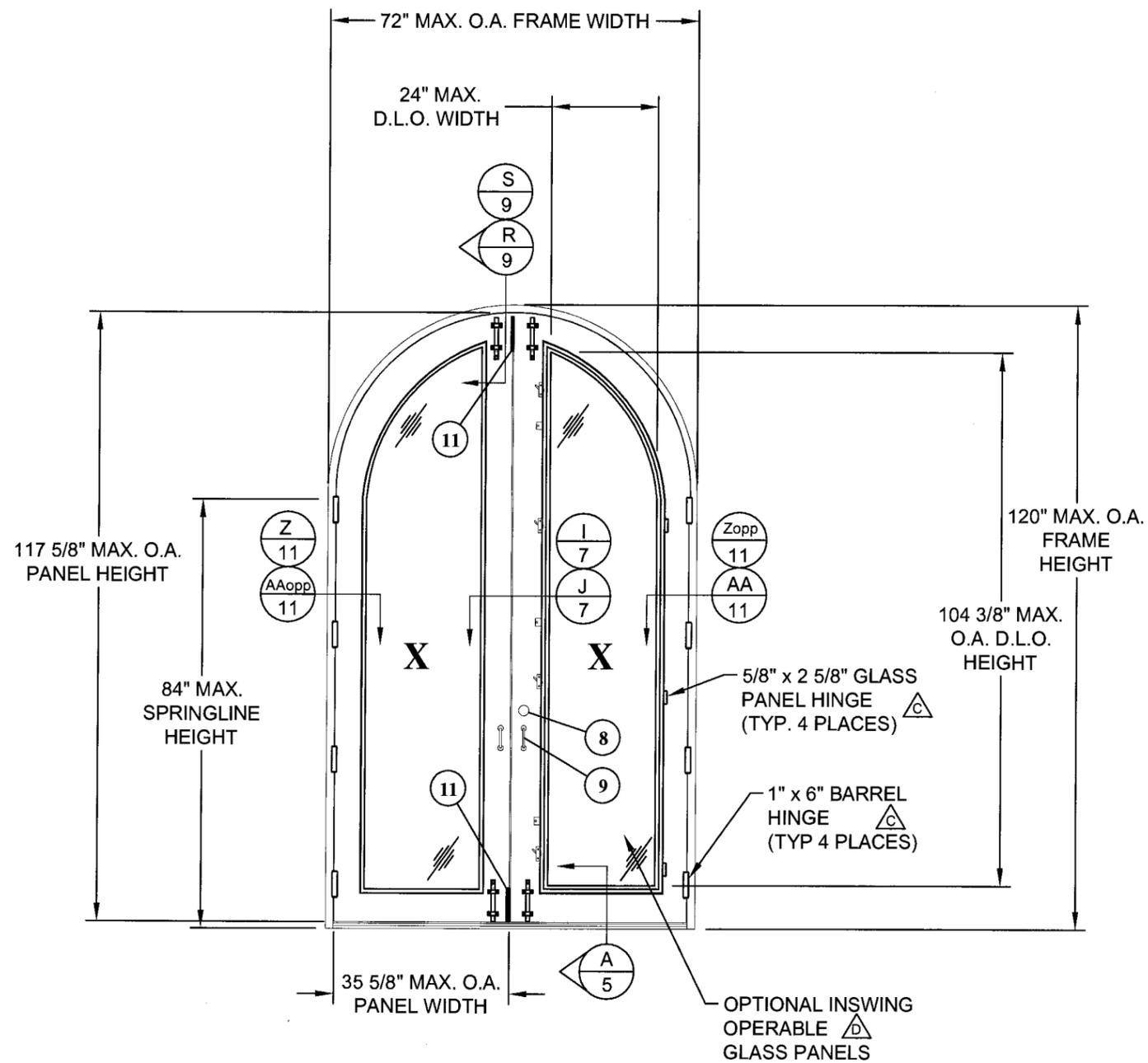
Robert J. Amoroso  
Florida P. E. No. 49752

09/21/09

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

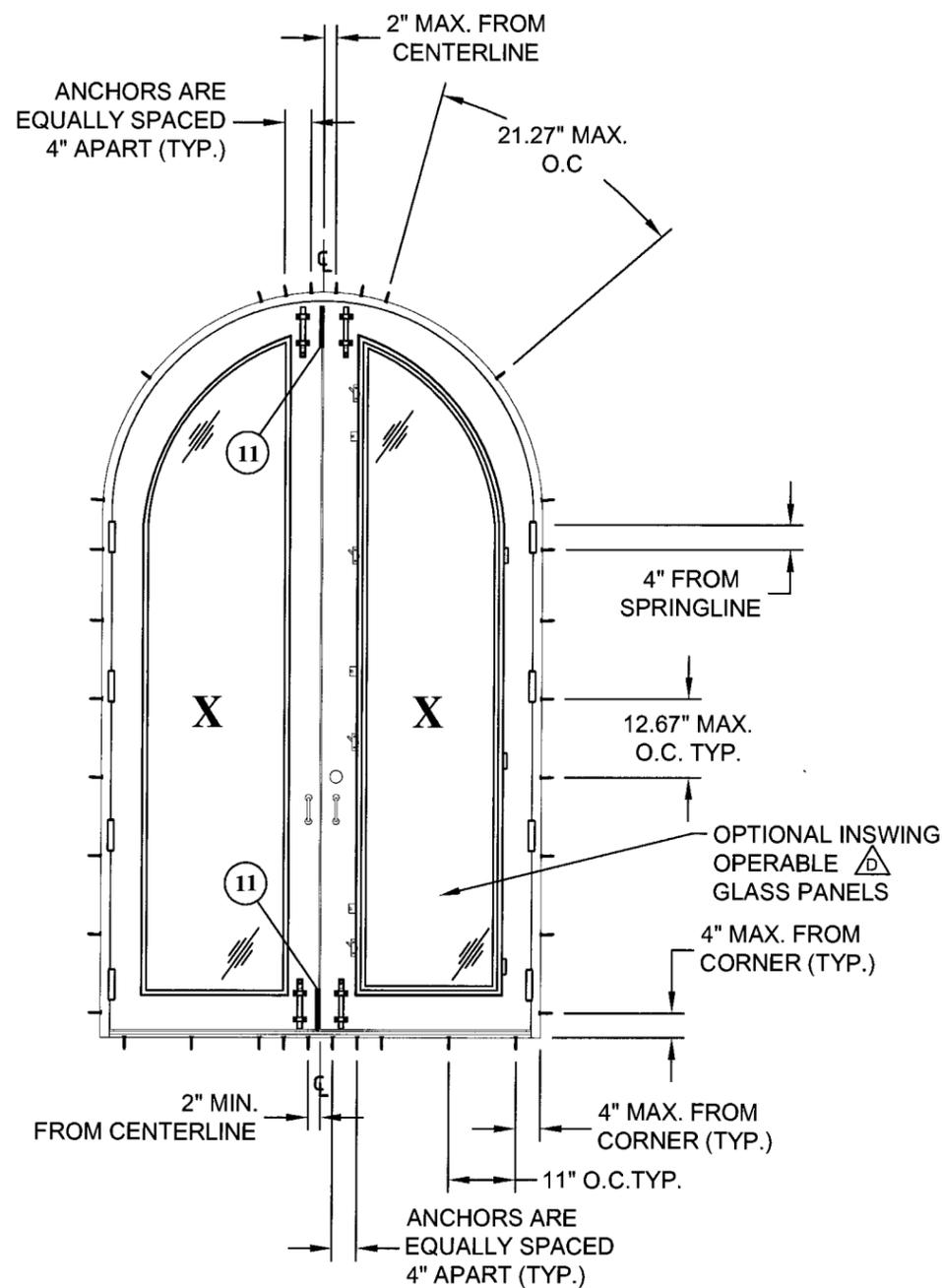
Approved as complying with the Florida Building Code  
Date: **September 09, 2009**  
NOA# **08-08-07-22**  
Miami-Dade Product Control  
By:





**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

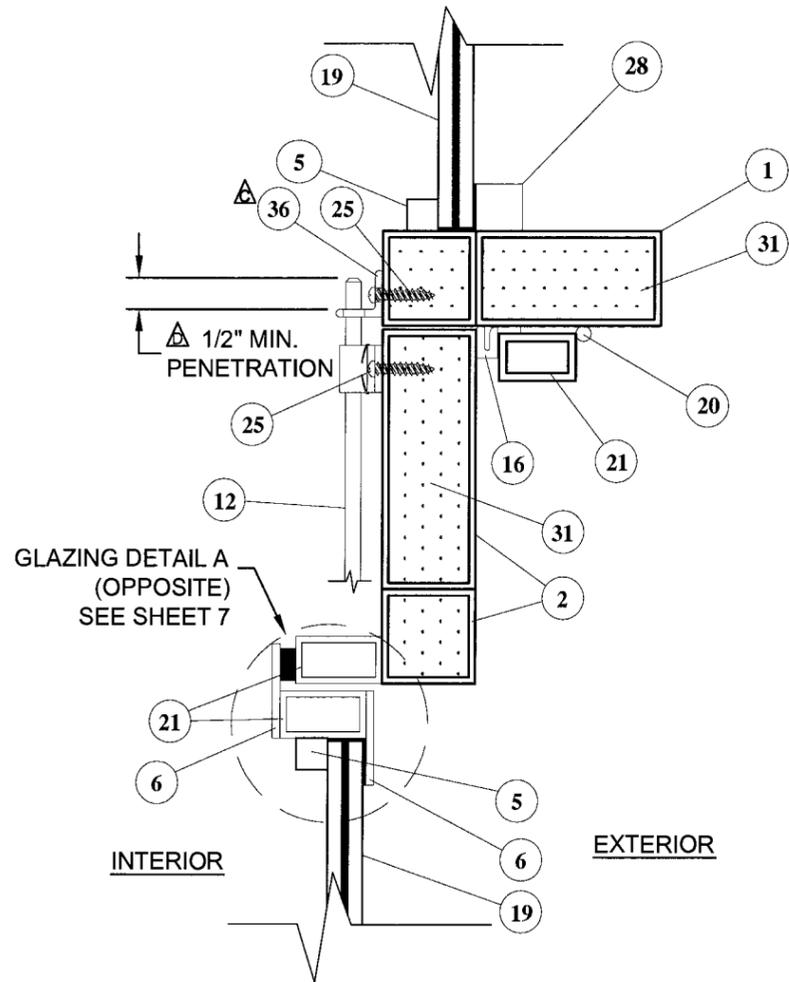
PROJECT# 306-0361  
 Robert J. Amoroso  
 Florida P. E. No. 49752  
 Approved as complying with the Florida Building Code  
 Date: September 09, 2009  
 NOA# 088-0887-23  
 Miami-Dade Product Control Division  
 By: *[Signature]*

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

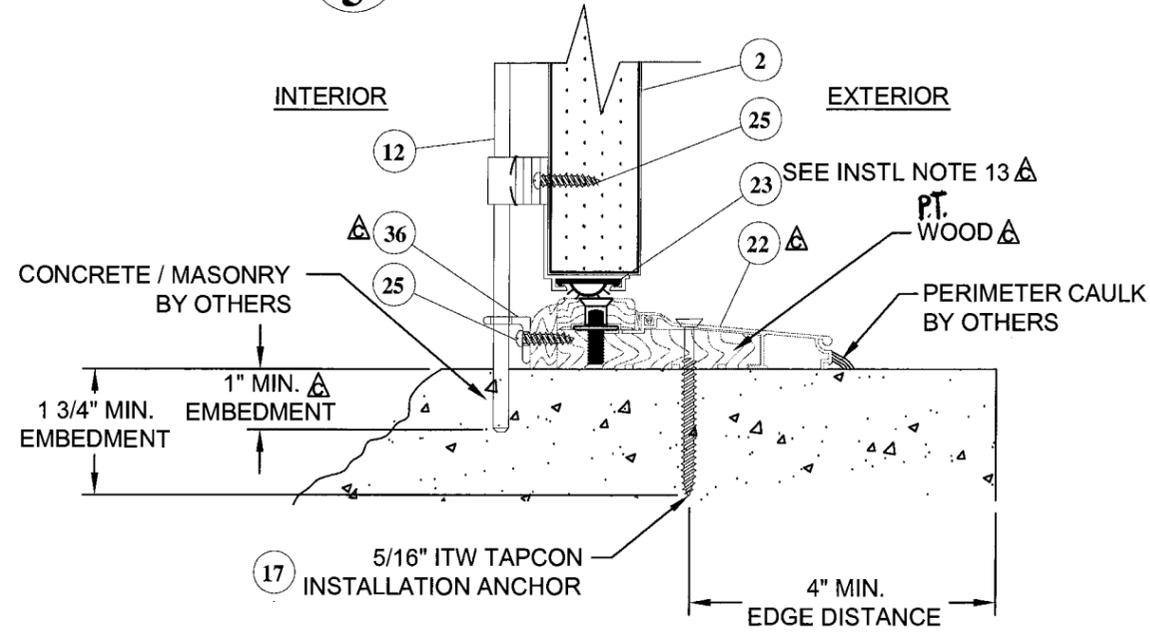
PREPARED BY: PTC, LLC  
 1535 Cogswell Street, Suite C25  
 Rockledge, Florida 32955  
 Phone 321.660.1788  
 Fax 321.660.1788

DATE	07/15/09	BY	SMC
DESCRIPTION	PER MIAMI-DADE COMMENTS 7/01/09	DATE	06/24/09
REV	C	DESCRIPTION	PER MIAMI-DADE COMMENTS 5/12/09
REV	D	DESCRIPTION	PER MIAMI-DADE COMMENTS 7/01/09

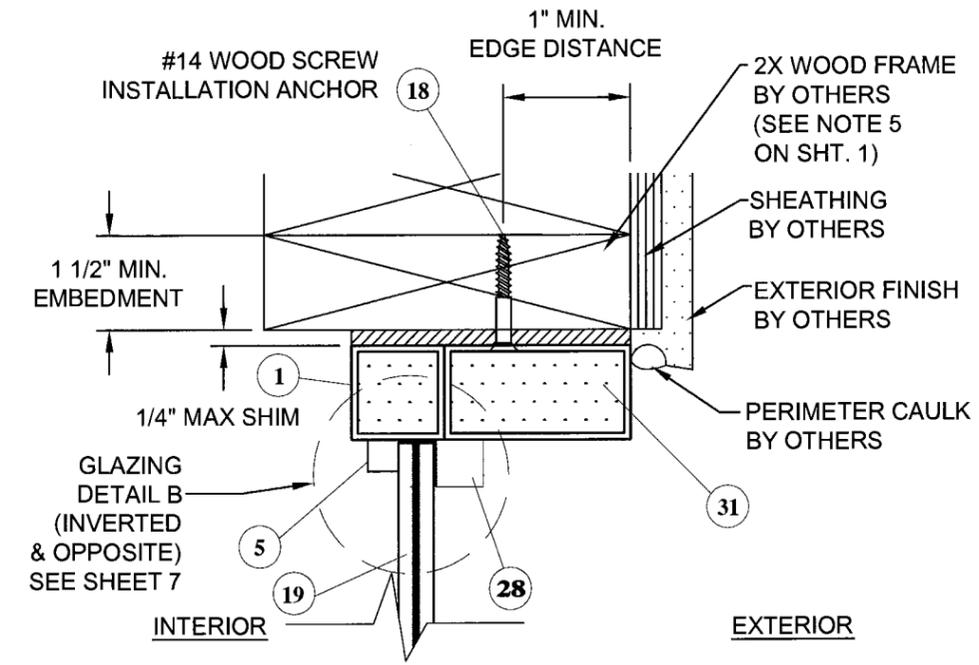
DRAWN BY: CB  
 SCALE: N.T.S.  
 DATE: 07/22/08  
 DRAWING NO: VIN0002  
 SHEET: 4 OF 14



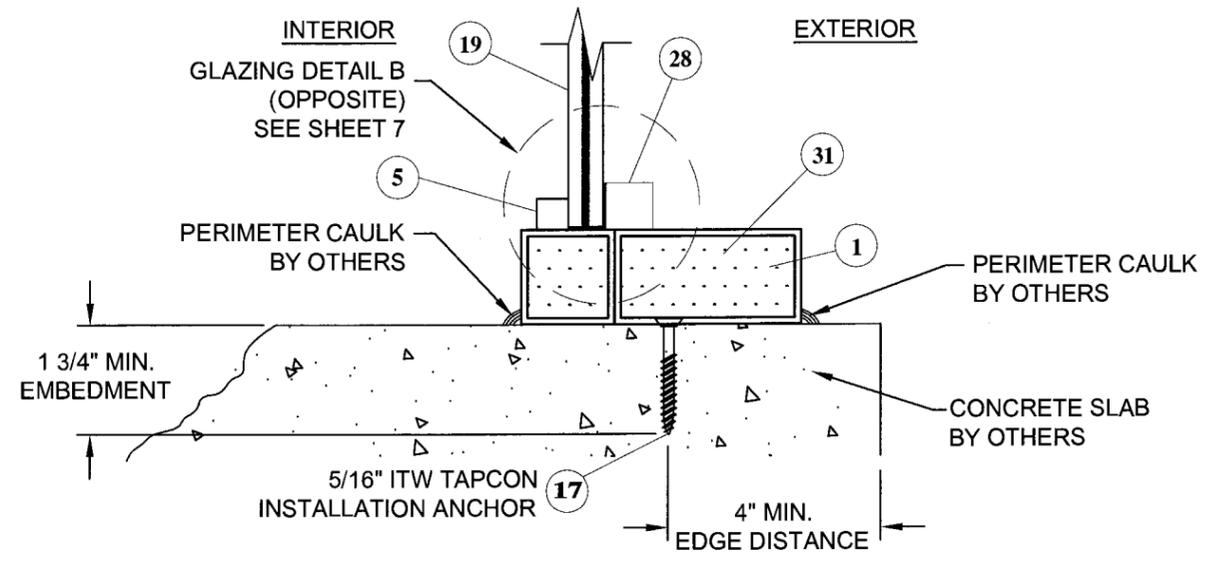
**C**  
**5** VERTICAL SECTION  
HORIZONTAL MULLION



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



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



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

DATE	06/24/09	BY	SMC
REV	DESCRIPTION		
C	PER MIAMI-DADE COMMENTS 5/20/09		SMC
D	PER MIAMI-DADE COMMENTS 7/01/09		SMC

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

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

DRAWN BY: CB DATE: 07/22/08  
SCALE: N.T.S. DRAWING NO: VIND002  
REV: D SHEET: 5 OF 14

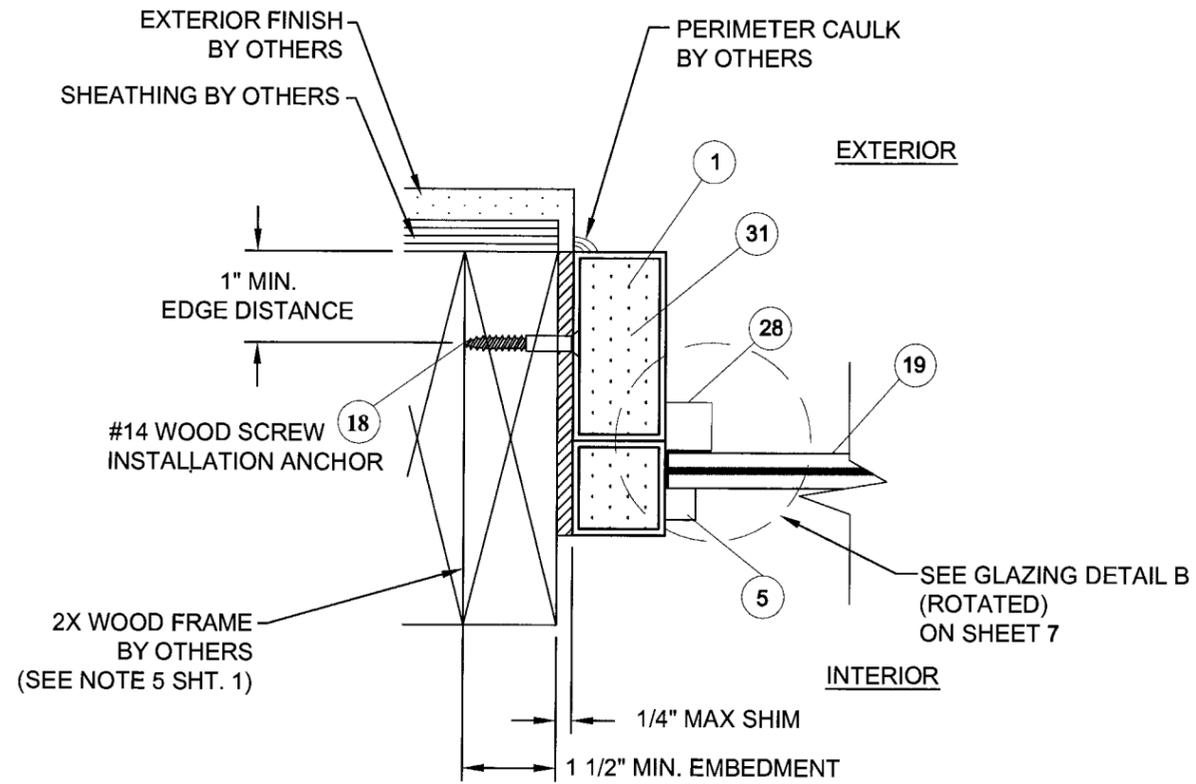
PREPARED BY: **PTC**  
PTC, LLC  
Phone 321.660.1788  
Fax 321.660.1789

PROJECT# 308-0561  
Robert J. Amoroso  
Florida P. E. No. 49752

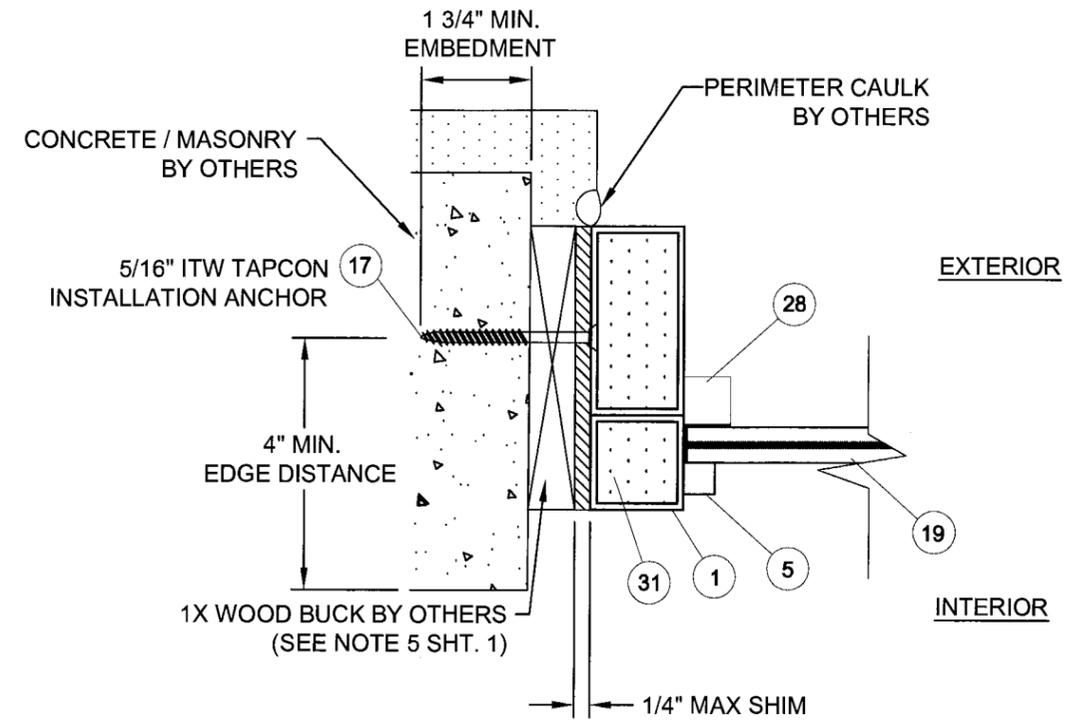
*Robert J. Amoroso*

PTC, LLC  
1535 Cogswell Street, Suite C25  
Rockledge, Florida 32955  
FBPE Certificate of Authorization NO. 25835

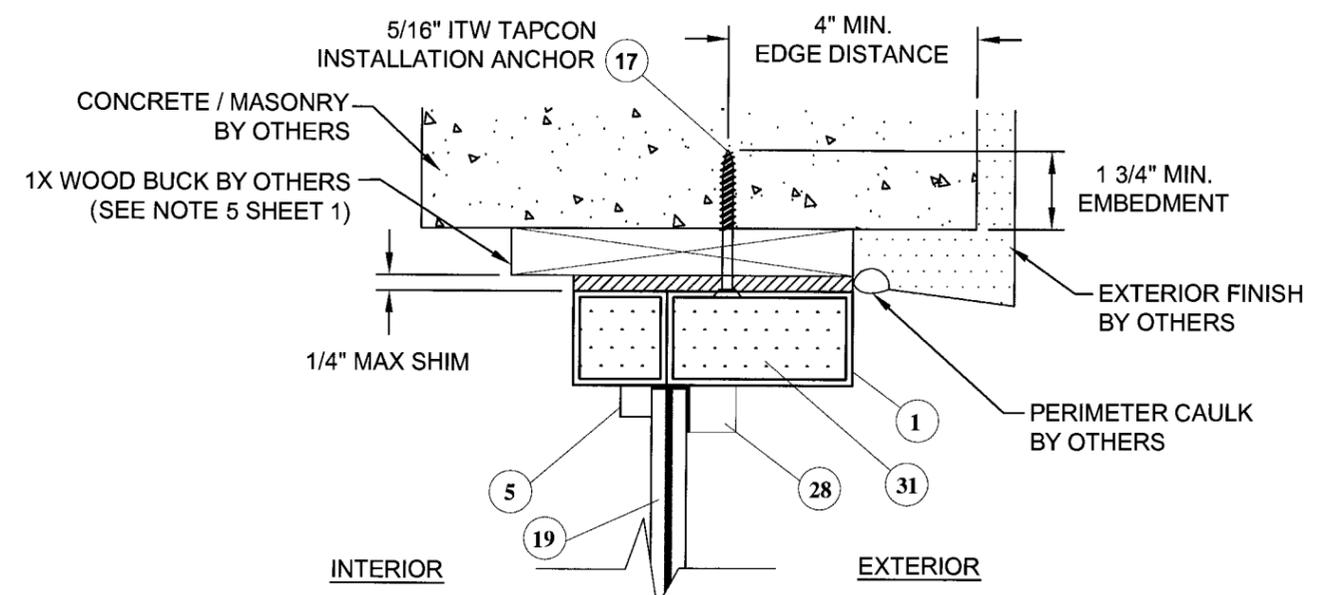
Approved as complying with the Florida Building Code  
Date **September 09 2009**  
NO. **08-0807212**  
Miami-Dade Product Control Division  
By *[Signature]*



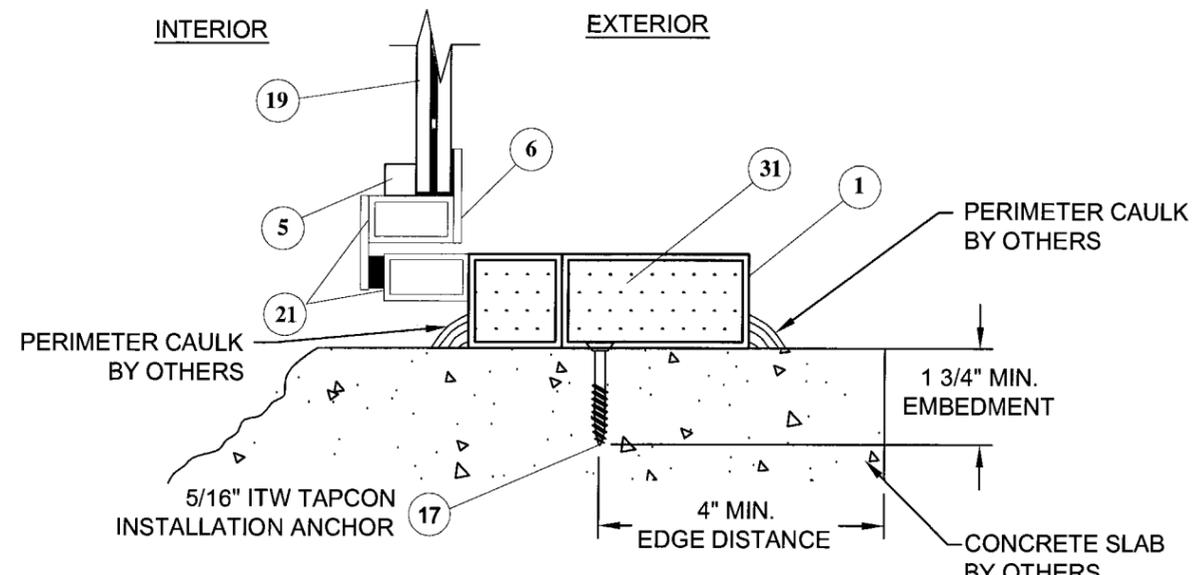
**F**  
**6** **HORIZONTAL SECTION**  
JAMB - FIXED TRANSOM & SIDELITE  
WOOD FRAME SUBSTRATE



**G**  
**6** **HORIZONTAL SECTION**  
JAMB - FIXED TRANSOM & SIDELITE  
CONCRETE / MASONRY SUBSTRATE



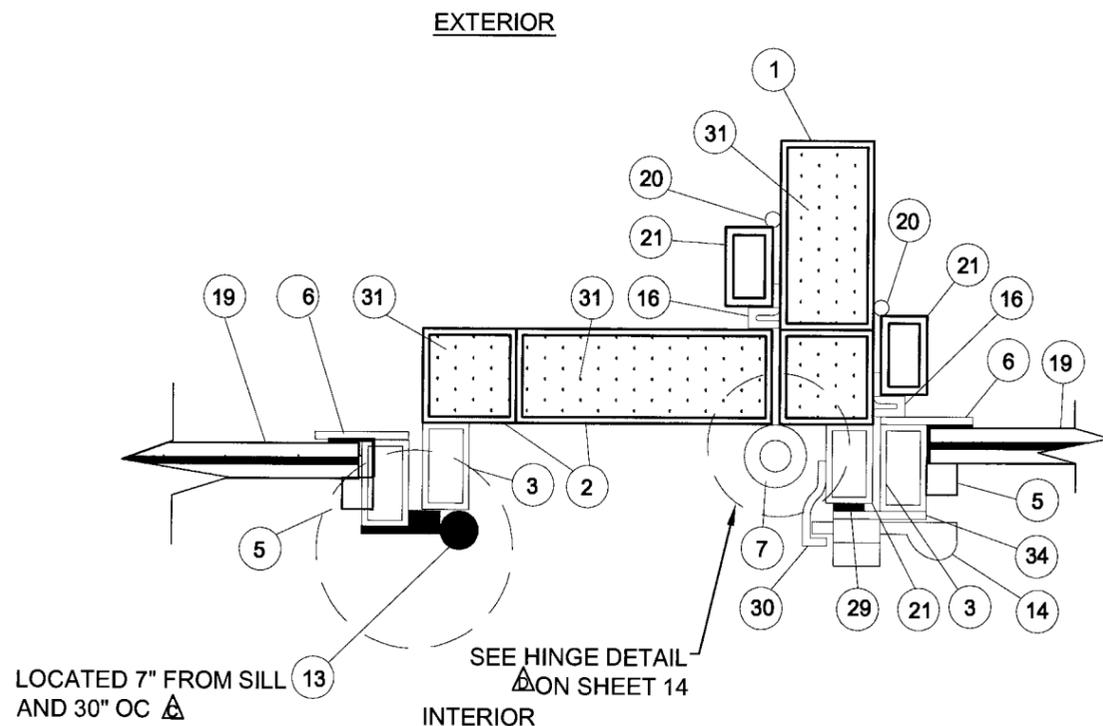
**E**  
**6** **VERTICAL SECTION**  
HEAD - FIXED TRANSOM / SIDELITE  
CONCRETE / MASONRY SUBSTRATE



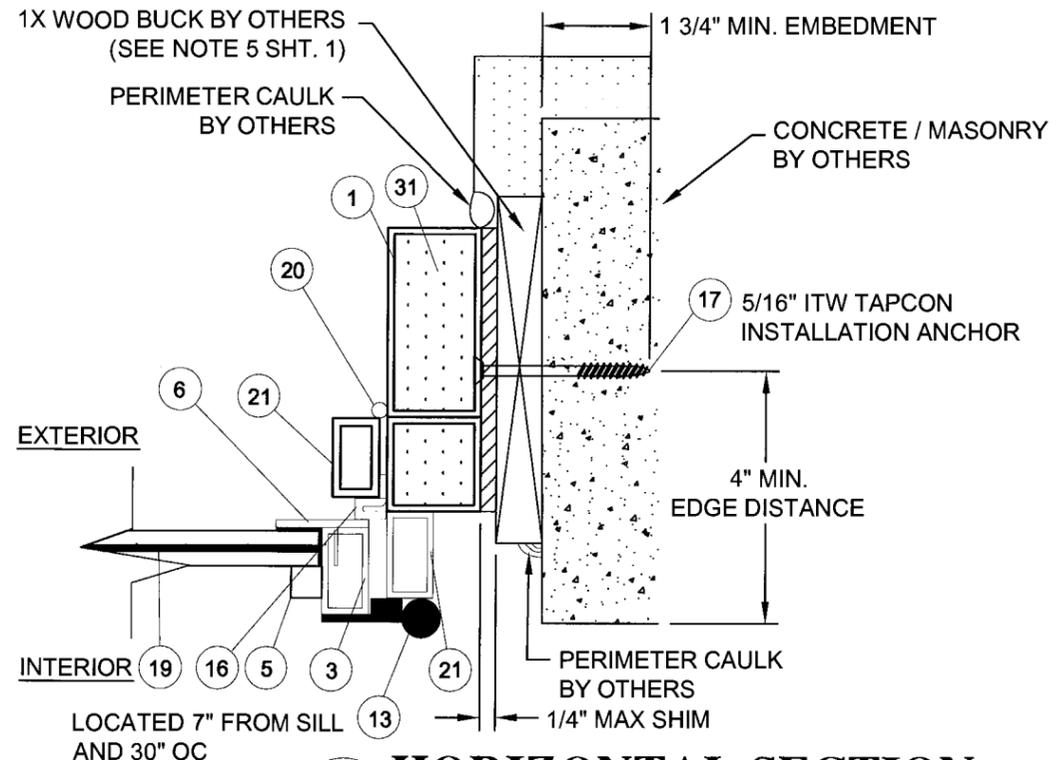
**H**  
**6** **VERTICAL SECTION**  
SILL - SIDELITE W/ OPT. OPERABLE GLAZING  
CONCRETE / MASONRY SUBSTRATE

PROJECT# 306-0361 Robert J. Amoroso Florida P.E. No. 49752 Date: <b>September 09, 2009</b> NO. 08-0809-22-2009 Miami-Dade Product Control Division By: <i>[Signature]</i>		VINTAGE IRONWORKS 987 JOSIANE COURT, SUITE 1064 ALTAMONTE SPRINGS, FLORIDA 32701 TITLE: STEEL INSWING DOORS W/ & W/O SIDELITES & TRANSOM VERTICAL AND HORIZONTAL SECTIONS DRAWN BY: CB SCALE: N.T.S. DATE: 07/22/08 DRAWING NO.: VIN0002 SHEET: 6 OF 14		PER MIAMI-DADE COMMENTS 7/01/09 07/15/09 SMC
Approved as complying with the Florida Building Code Date: <b>September 09, 2009</b> NO. 08-0809-22-2009 Miami-Dade Product Control Division By: <i>[Signature]</i>		PTC, LLC 1535 Cogswell Street, Suite C25 Rockledge, Florida 32955 Phone 321.690.1788 Fax 321.690.1789 FBPE Certificate of Authorization NO. 25935		PER MIAMI-DADE 05/20/09 06/24/09 SMC DESCRIPTION REV DATE BY

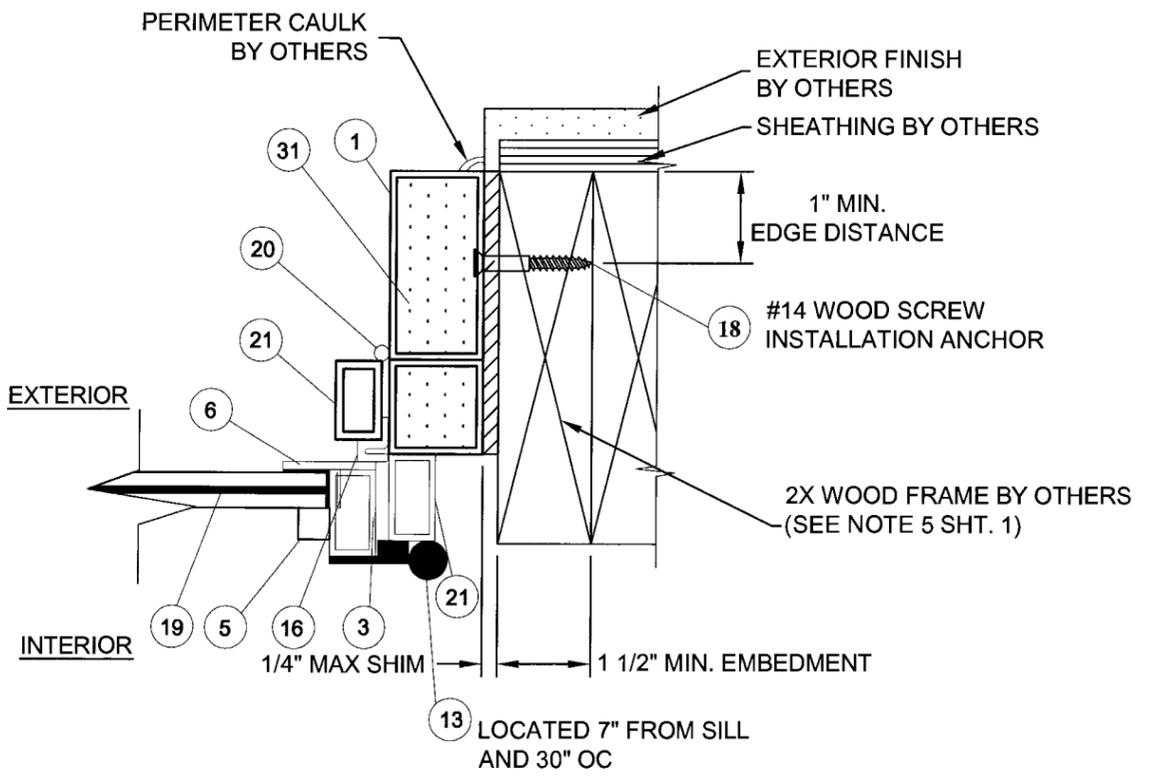




**N HORIZONTAL SECTION**  
**8** VERTICAL MULLION AT SIDELITE  
 W/ OPTIONAL OPERABLE GLAZING



**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

REV	DESCRIPTION	DATE	BY
D	PER MIAMI-DADE COMMENTS 7/01/09	07/15/09	SMC
C	PER MIAMI-DADE 05/20/09	06/24/09	SMC

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

TITLE: STEEL INSWING DOORS W/ & W/O SIDELITES & TRANSOM 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: VIN0002  
 REV: D SHEET: 8 OF 14

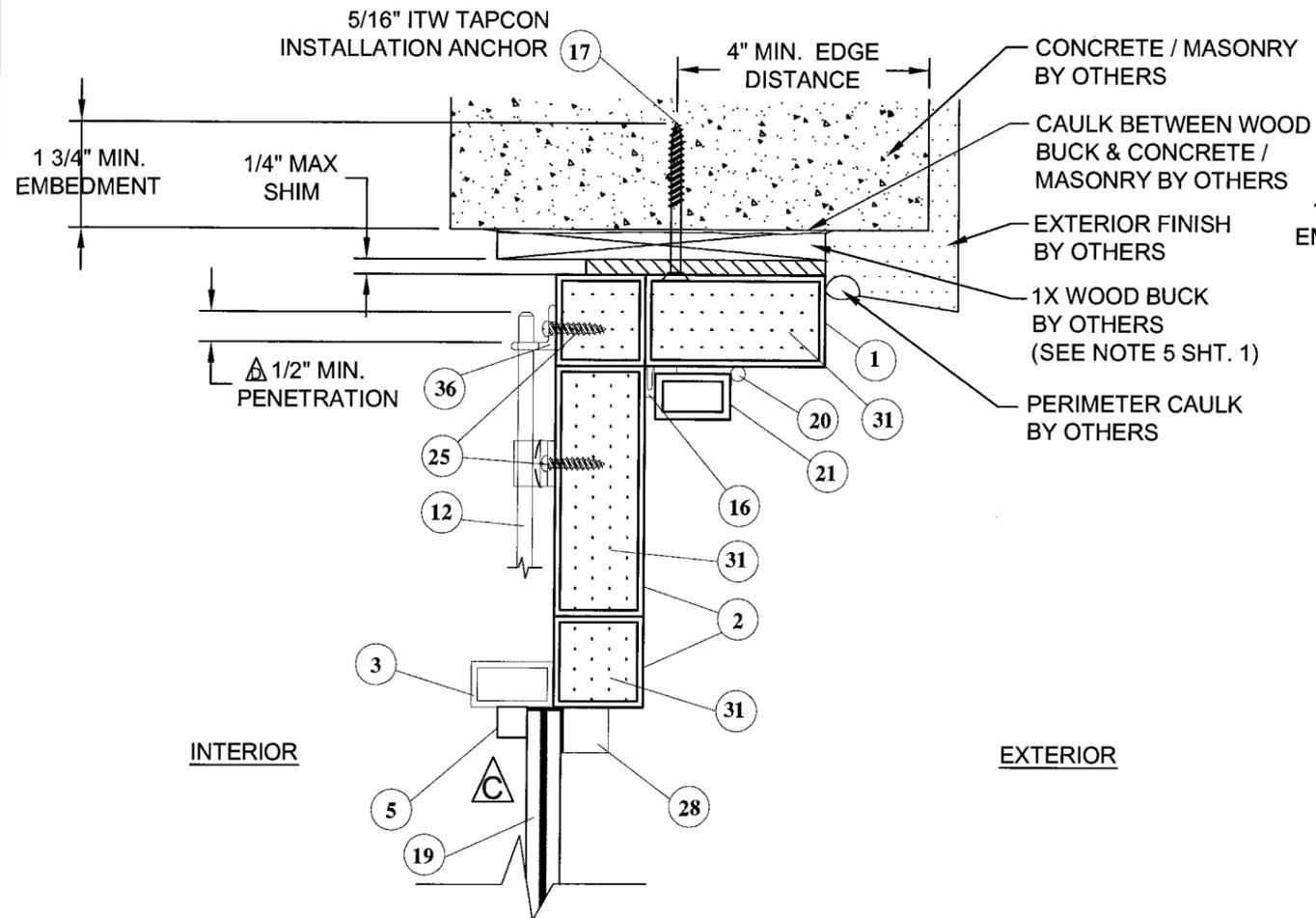
PROJECT# 306-0361  
 Robert J. Amoroso  
 Florida P. E. No. 49752

*Robert J. Amoroso*

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  
 I.C.A.# 08-0807-912  
 Miami-Dade Product Control  
 Division

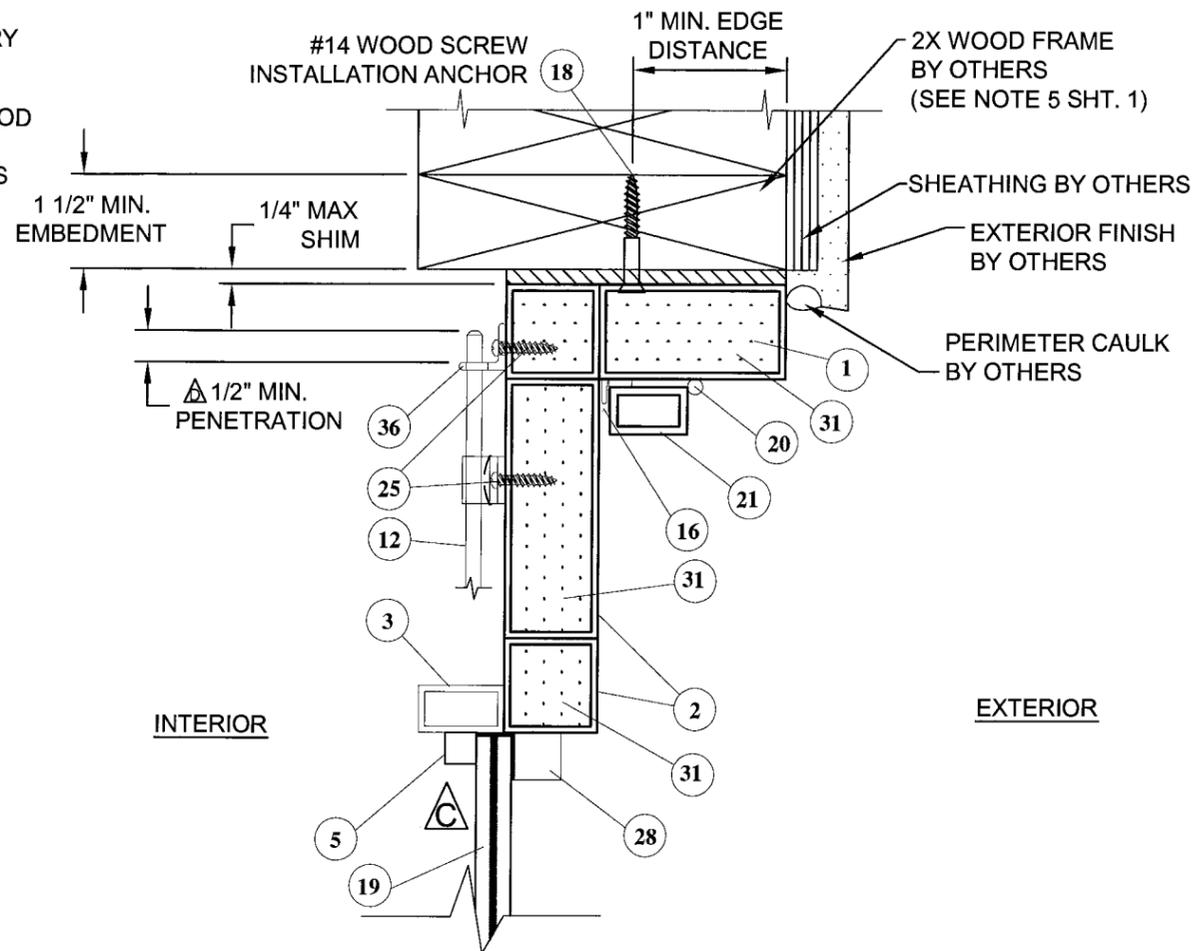
*Jason G. ...*



**R**  
**9**

**VERTICAL SECTION**

HEAD - FRAME DOOR  
CONCRETE / MASONRY SUBSTRATE



**S**  
**9**

**VERTICAL SECTION**

HEAD - FRAME DOOR  
WOOD SUBSTRATE

PER MIAMI-DADE COMMENTS 7/01/09	07/15/09	SMC
PER MIAMI-DADE 5/20/09	06/24/09	SMC
DESCRIPTION	DATE	BY

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

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

DRAWN BY: CB DATE: 07/22/08  
SCALE: N.T.S. DRAWING NO: VIN0002  
REV: D SHEET: 9 OF 14

PREPARED BY: **PTC**  
PTC, LLC  
Phone 321.660.1768  
Fax 321.660.1768

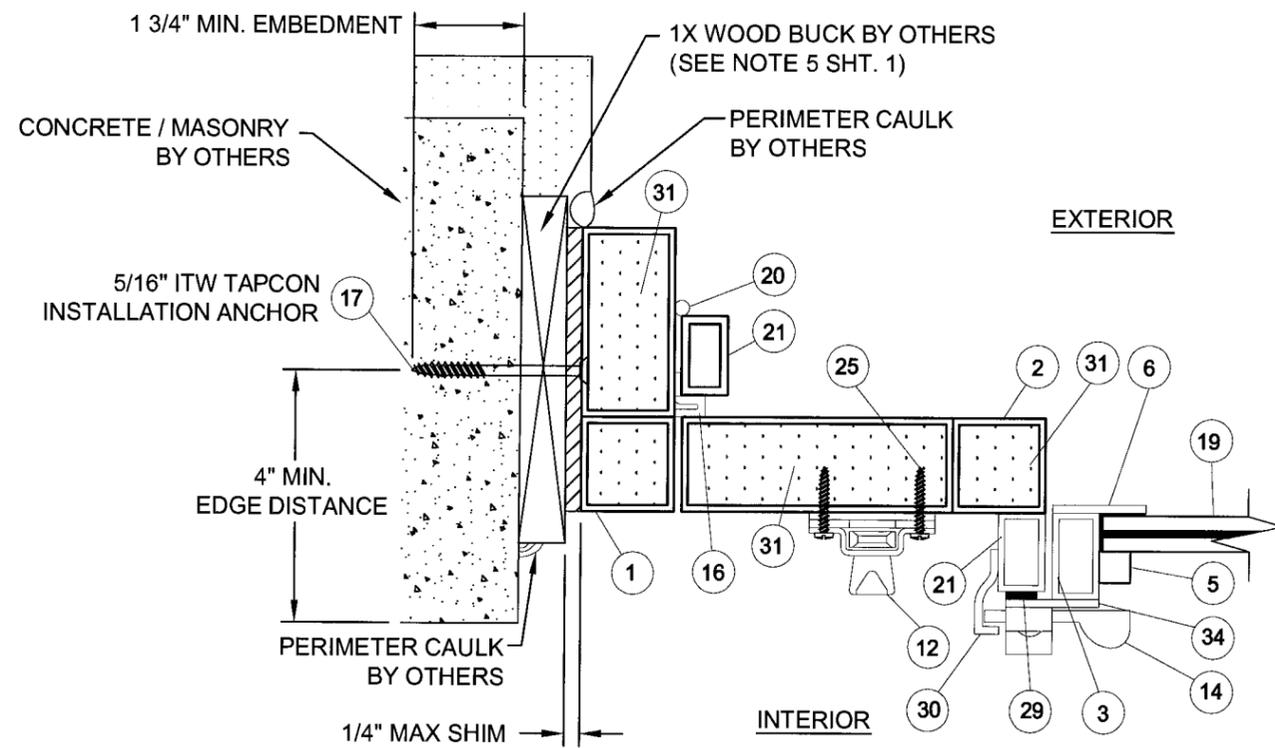
PROJECT#: 306-0361  
Robert J. Amoruso  
Florida P. E. No. 49752

9/11/09

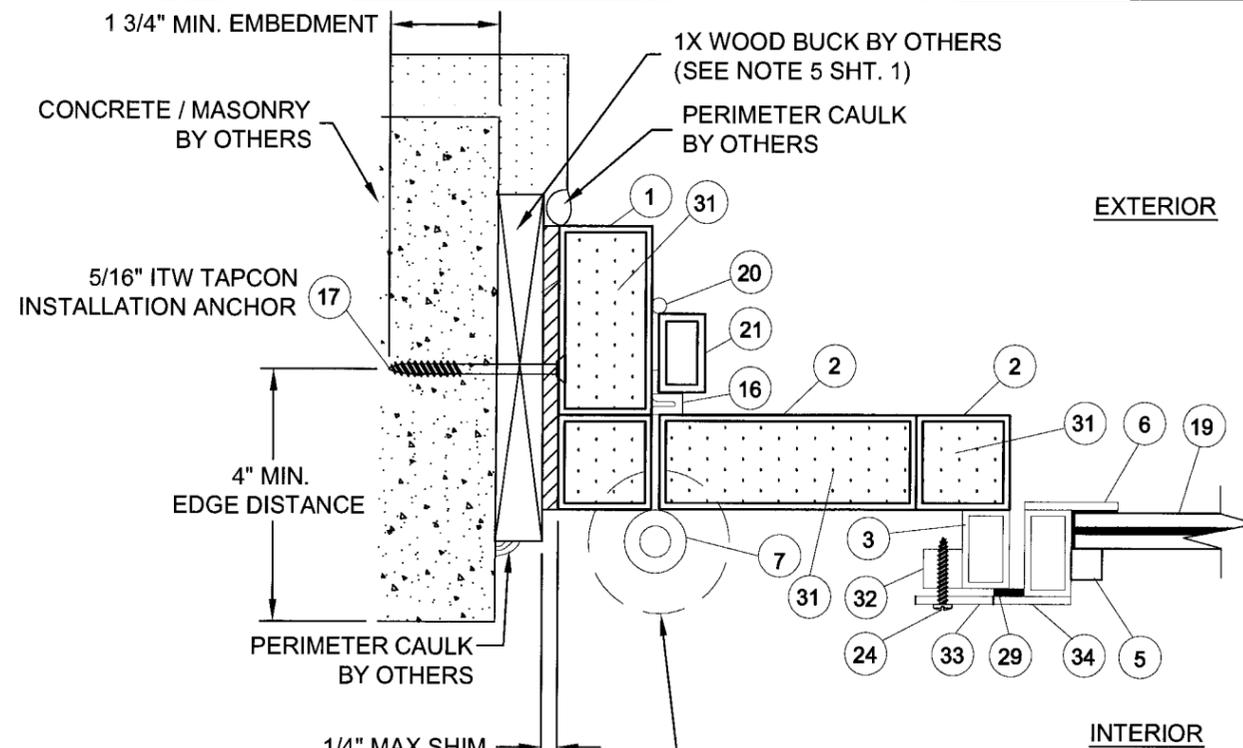
PTC, LLC  
1535 Cogswell Street, Suite C25  
Rockledge, Florida 32955  
FBPE Certificate of Authorization NO. 25935

Approved as complying with the  
Florida Building Code  
Date: September 09 2009  
FCC# 08-080742  
Miami-Dade Project Control  
By: *[Signature]*

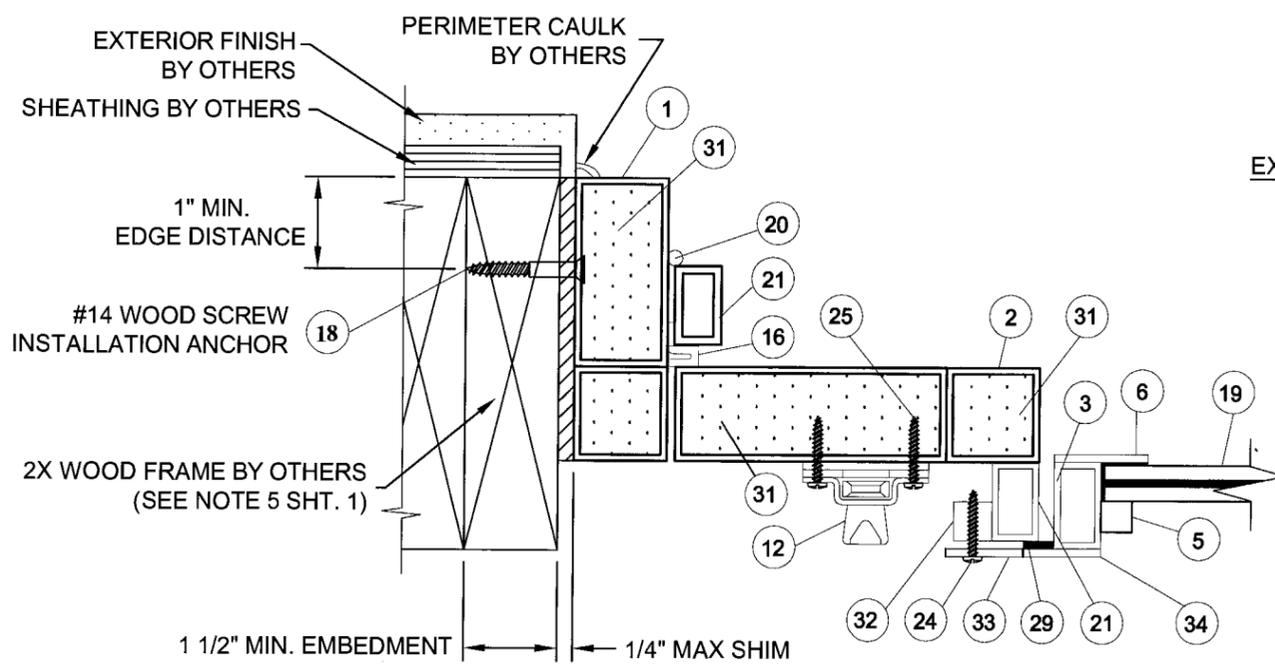




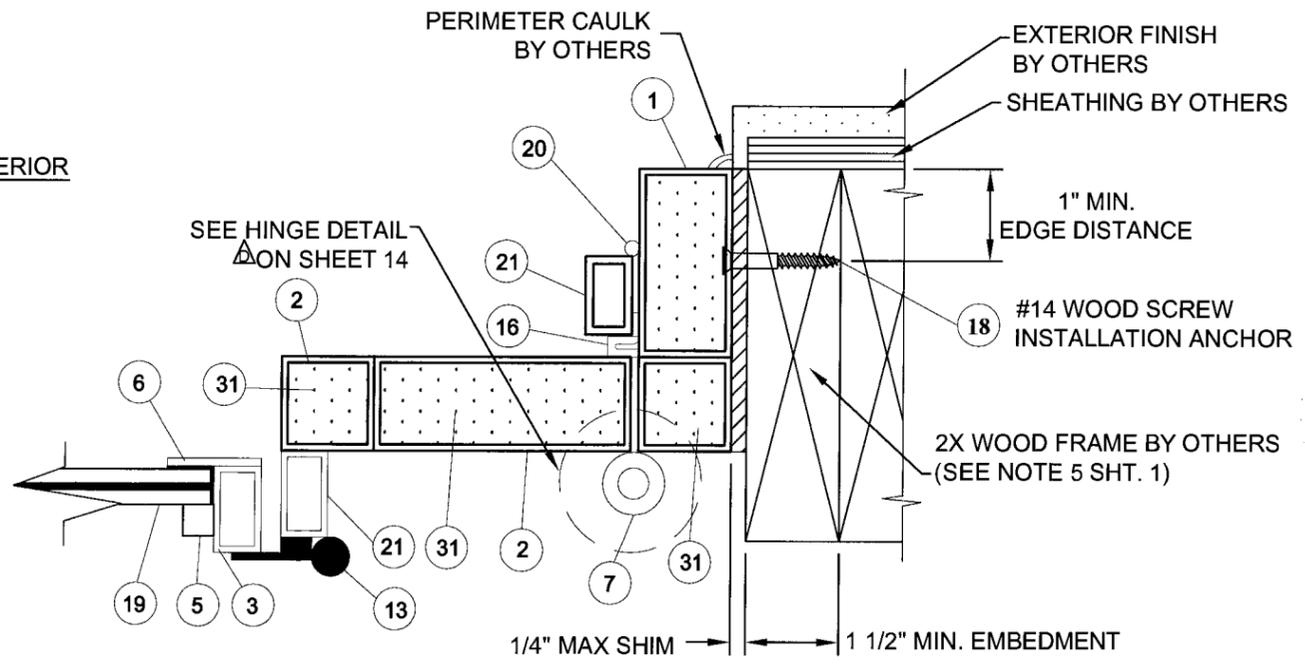
**Y-11 HORIZONTAL SECTION**  
 JAMB - LOCKSTILE INTO  
 CONCRETE / MASONRY SUBSTRATE  
 W/ OPTIONAL OPERABLE GLAZING PANEL



**Z-11 HORIZONTAL SECTION**  
 HINGE STILE INTO CONCRETE / MASONRY SUBSTRATE  
 W/ OPTIONAL OPERABLE GLAZING PANEL



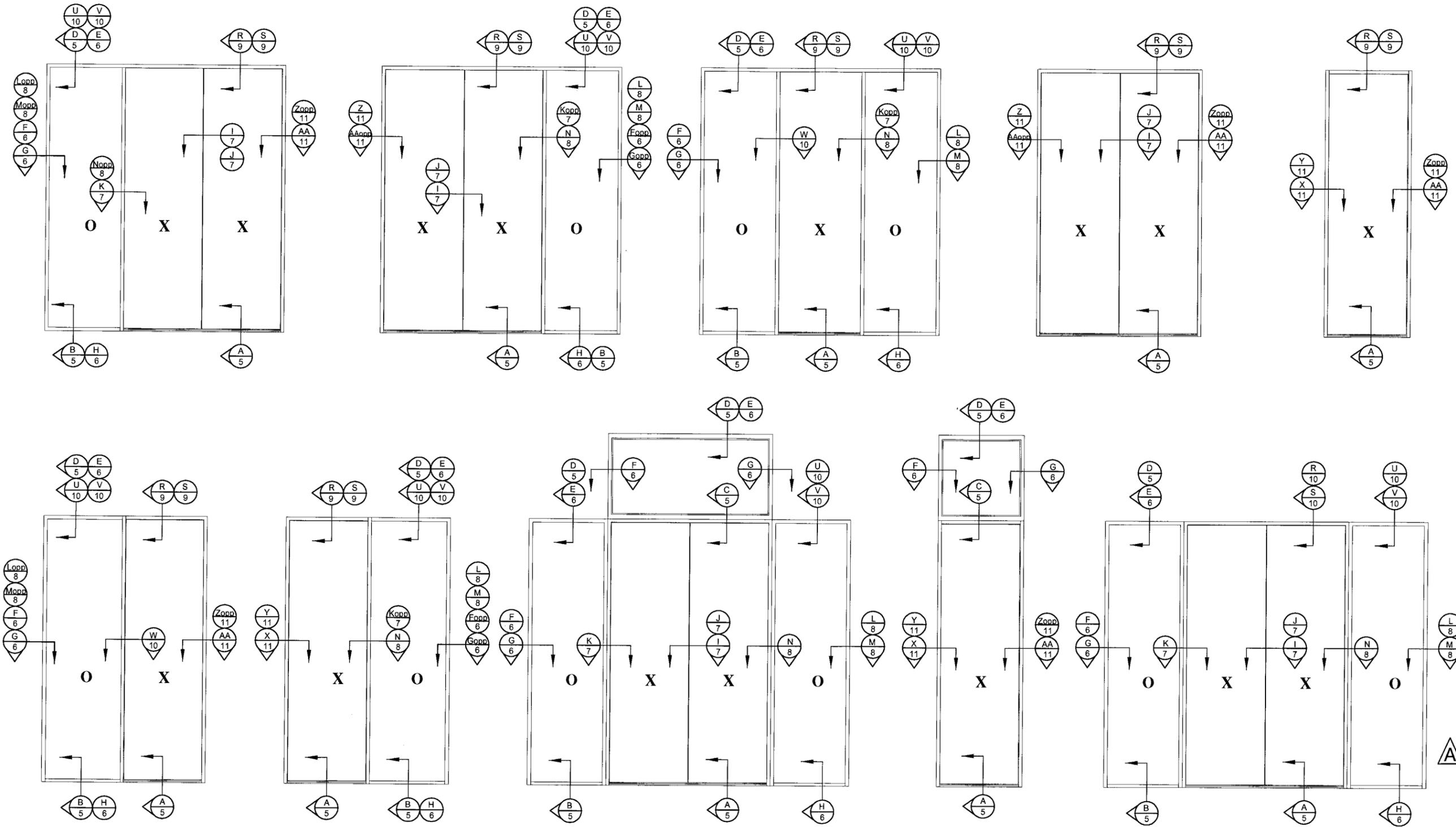
**X-11 HORIZONTAL SECTION**  
 JAMB - LOCKSTILE INTO  
 WOOD SUBSTRATE  
 W/ OPTIONAL OPERABLE GLAZING PANEL



**AA-11 HORIZONTAL SECTION**  
 HINGE STILE INTO WOOD SUBSTRATE  
 W/ OPTIONAL OPERABLE GLAZING PANEL

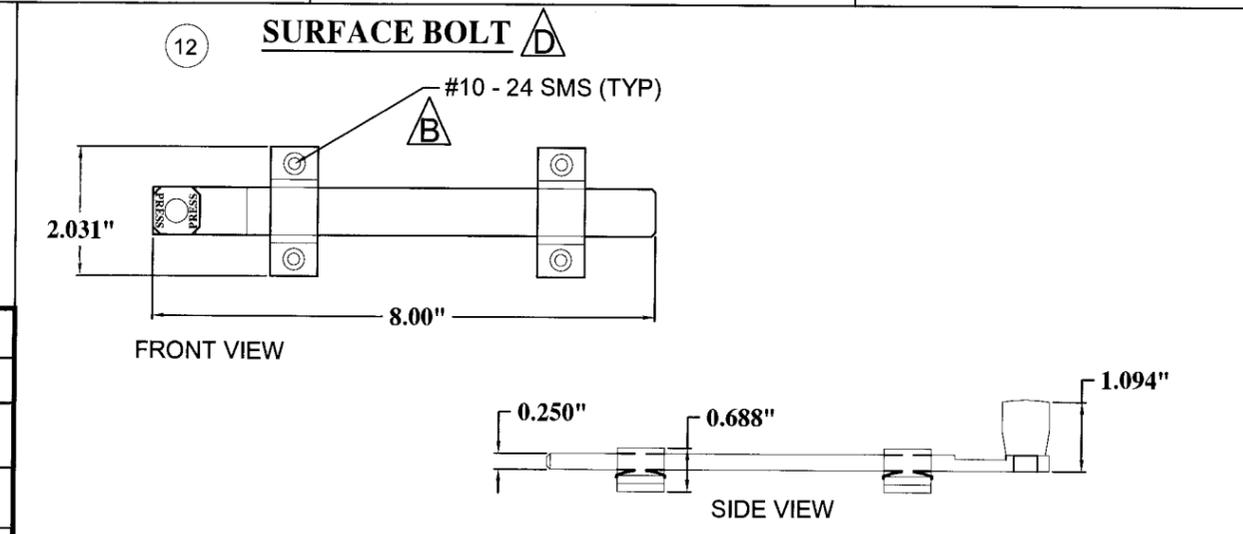
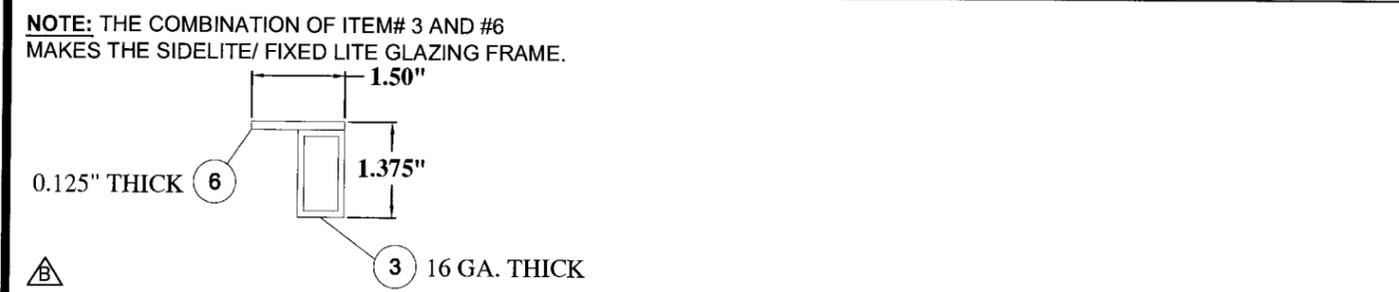
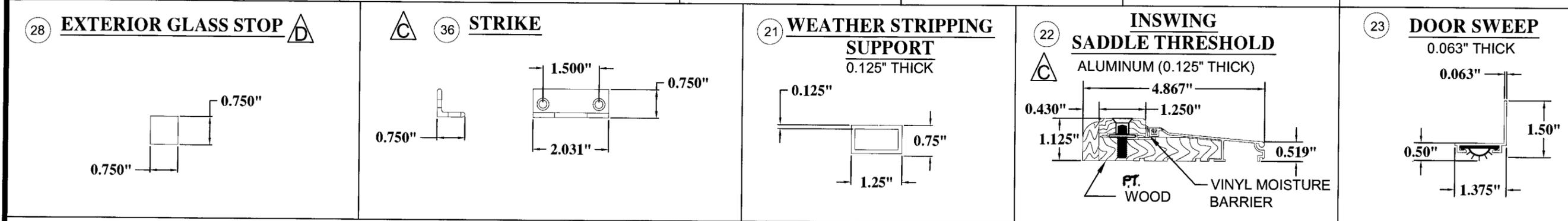
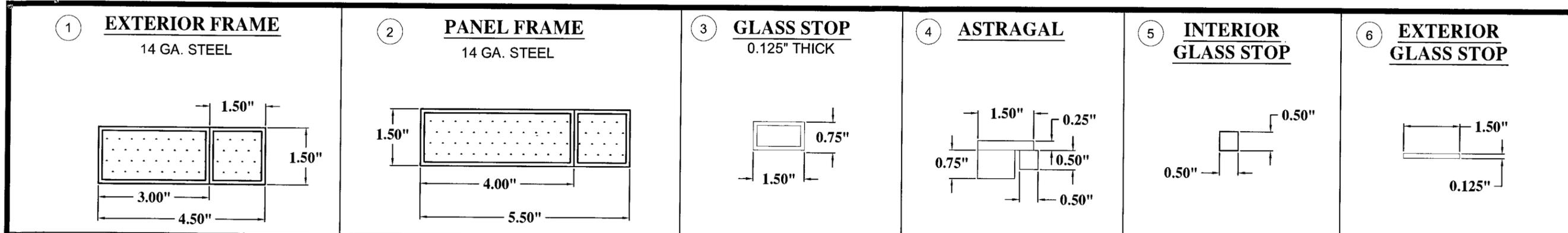
PROJECT# 306-0361 Robert J. Amoroso Florida P. E. No. 49752		DATE: 07/22/08 DRAWING NO: VIN0002 SHEET: 11 OF 14	
Approved as complying with the Florida Building Code Date: September 09, 2009 No. 08-080722 Miami-Dade Product Control Division		PTC, LLC 1535 Cogswell Street, Suite C25 Rockledge, Florida 32955 FBPE Certificate of Authorization No. 25935	
VINTAGE IRONWORKS 987 JOSIANE COURT, SUITE 1064 ALTAMONTE SPRINGS, FLORIDA 32701		PER MIAMI-DADE COMMENTS 7/01/09 PER MIAMI-DADE 05/20/09	
TITLE: STEEL INSWING DOORS W/ & W/O SIDELITES & TRANSOM HORIZONTAL SECTIONS		DRAWN BY: CB SCALE: N.T.S. REV: D	
PREPARED BY: PTC, LLC Phone 321.660.1768 Fax 321.660.1768		DESCRIPTION DATE	

# QUALIFIED CONFIGURATIONS



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

PROJECT# 308-0361		VINTAGE IRONWORKS		DATE: 07/22/08	
Robert J. Amoroso Florida P. E. No. 49752		987 JOSIANE COURT, SUITE 1064 ALTAMONTE SPRINGS, FLORIDA 32701		DRAWING NO: VIN0002	
1535 Cogswell Street, Suite C25 Rockledge, Florida 32955 FBPE Certificate of Authorization NO. 25535		TITLE: STEEL INSWING DOORS W/ & W/O SIDELITES & TRANSOM QUALIFIED CONFIGURATIONS		SCALE: N.T.S.	
Approved as complying with the Florida Building Code September 09, 2009 NO. 08-0807-23 Division By: <i>[Signature]</i>		PREPARED BY: <i>[Signature]</i>		REV: A	
PTC, LLC Phone 321.660.1788 Fax 321.660.1789		DRAWN BY: CB		SHEET: 12 OF 14	
PER MIAMI-DADE COMMENTS 01/04/09		REVISION: A		DESCRIPTION	
01/12/09		DATE		BY: SMC	



### BILL OF MATERIALS

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	94518DW	INSWING SADDLE THRESHOLD w/ PT. WOOD	6063 - T52	PEMKO

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	

\*\*A500, GRADE B OR A513

REV	DESCRIPTION	DATE	BY
D	PER MIAMI-DADE COMMENTS 7/01/09	07/15/09	SMC
C	PER MIAMI-DADE COMMENTS 5/20/09	06/24/09	SMC
B	PER MIAMI-DADE COMMENTS 01/29/09	01/18/09	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 INSWING DOORS W/ & W/O SIDELITES & TRANSOM COMPONENTS AND BILL OF MATERIALS

DATE: 07/22/08  
 DRAWING NO: VIN0002  
 SHEET: 13 OF 14

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

**PIE**  
 P.T.C. LLC  
 Phone: 407.788.1788  
 Fax: 321.666.1788

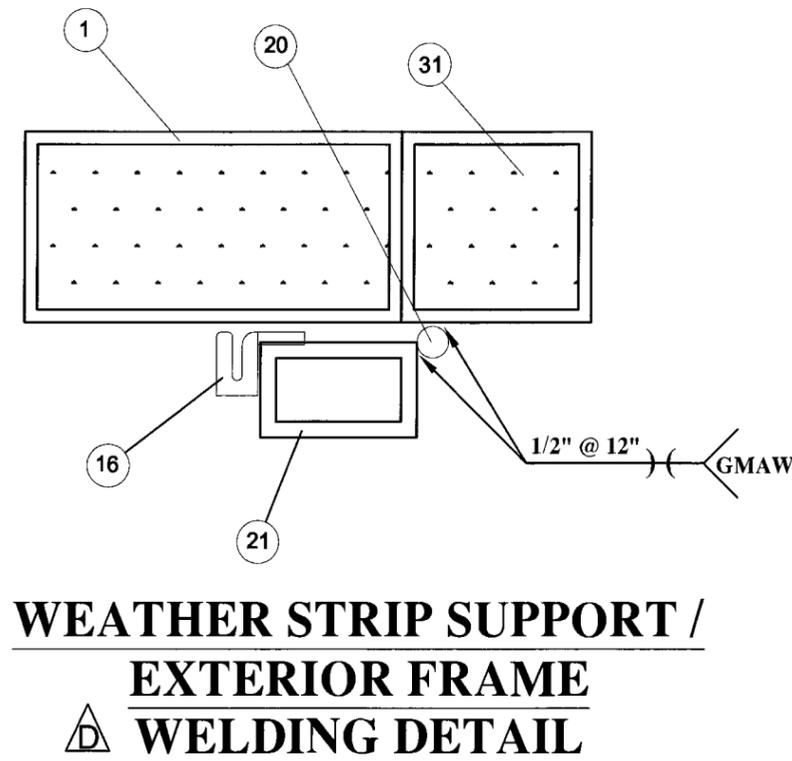
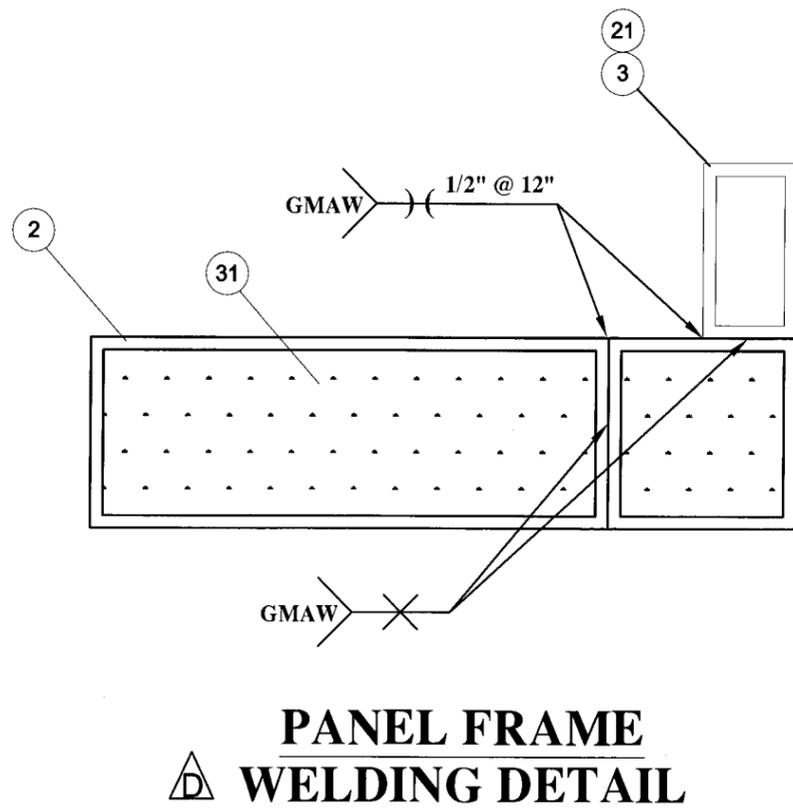
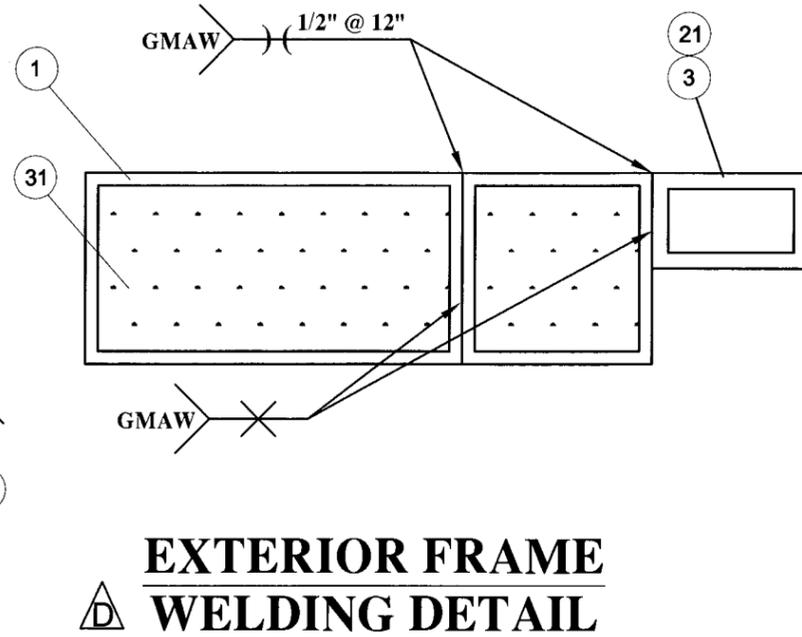
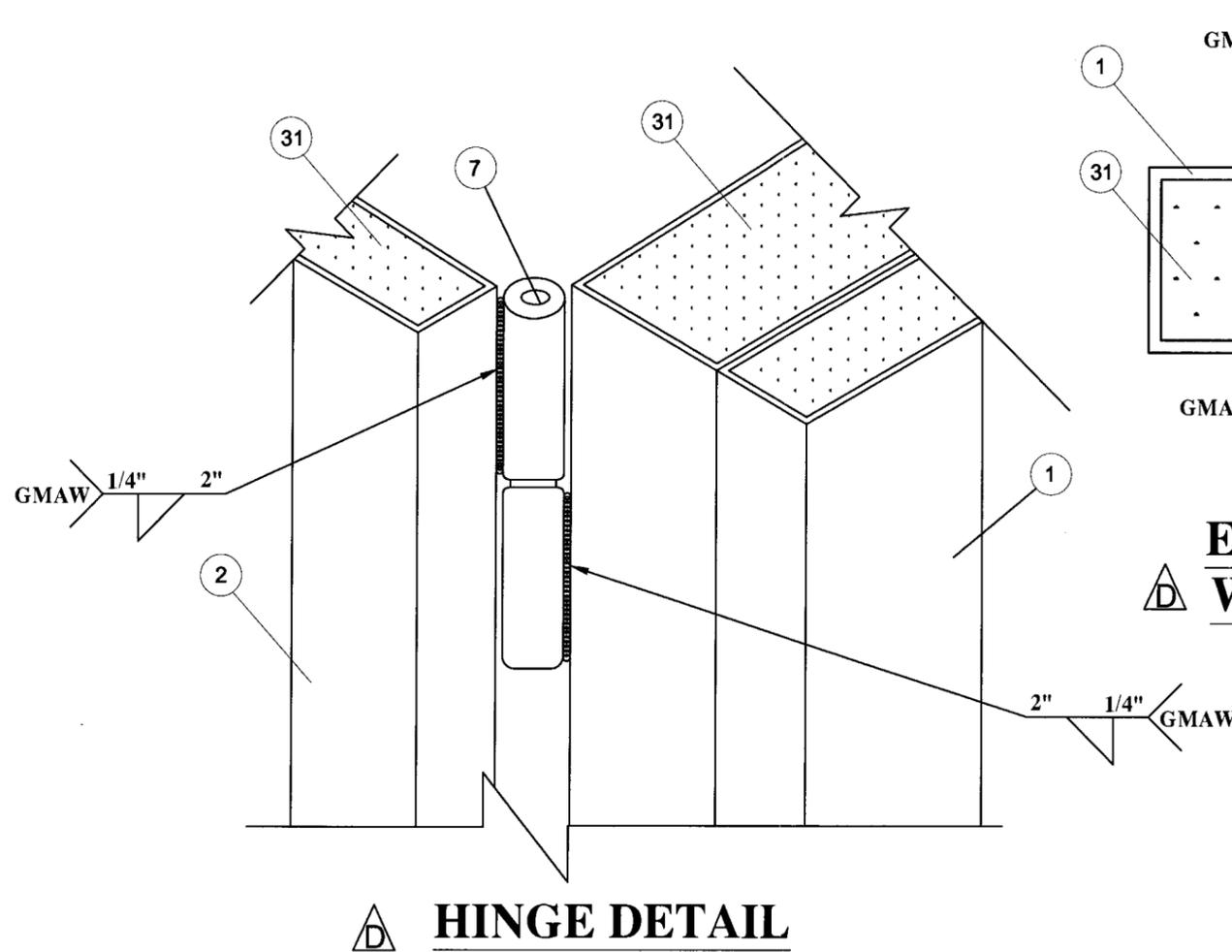
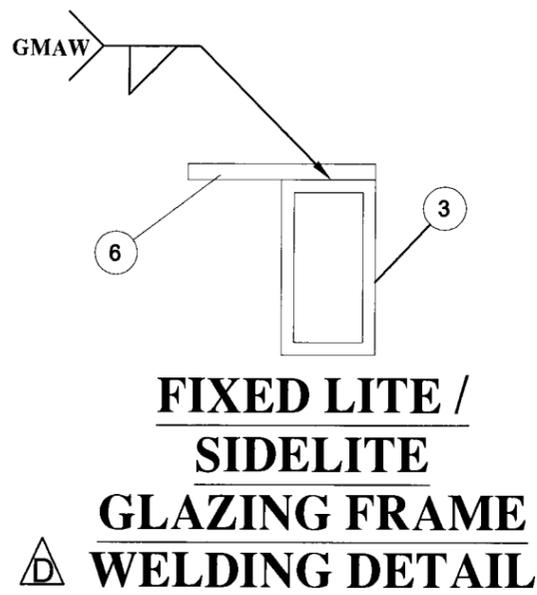
PROJECT# 306-0361  
 Robert J. Amoroso  
 Florida P. E. No. 49752

*Robert J. Amoroso*

P.T.C. LLC  
 1535 Cogswell Street, Suite C25  
 Rockledge, Florida 32955  
 FBPE Certificate of Authorization NO. 259535

Approved as complying with the Florida Building Code  
 September 09 2009  
 NCA# 08-080722  
 Minimum Code Process Control

*John...*



**TABLE 1**

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

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

**PTC, LLC**  
1535 Cogswell Street, Suite C25  
Rockledge, Florida 32955  
Phone 321.690.1788  
Fax 321.690.1788

**PREPARED BY:** CB  
**SCALE:** N.T.S.  
**DATE:** 07/22/08  
**DRAWING NO.:** VIN0002  
**REV.:** D

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

**PROJECT#** 306-0361  
**Robert J. Amoroso**  
Florida P. E. No. 49752  
*Robert J. Amoroso*  
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**  
By: *Robert J. Amoroso*  
NCA# **08-0887-21**  
Miami Date Product Control

REV	DESCRIPTION	DATE	BY
D	PER MIAMI-DADE COMMENTS 7/01/09	07/15/09	SMC