



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908**

www.Miamidade.gov/Buildingcode

NOTICE OF ACCEPTANCE (NOA)

**Majestic Entries, LLC
156 Corporate Blvd.,
Indian Trail, N.C. 28079**

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: Series "Loyal Iron" glazed (Arch Top) double outswing Steel Entry Doors

APPROVAL DOCUMENT: Drawing No "MAJ0003", titled "Steel Entry Arch Top Double Doors", sheets 1 through 7 of 7, dated 07-25-08, prepared by the PTC, LLC, signed and sealed by Douglas J. McDougall, 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, Guangdong, China 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 pages E1, as well as approval document mentioned above.

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

NOA No 08-0402.08

Expiration Date: January 28, 2014

Approval Date: January 28, 2009

Page 1



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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's parts and sections drawings.
2. Drawing No "MAJ0003", titled "Steel Entry Arch Top Double Doors", sheets 1 through 7 of 7, dated 07-25-08, prepared by the PTC, LLC, signed and sealed by Douglas J. McDougall, P.E.

B. TESTS

1. Test report on
 - 1) Air Infiltration Test, per TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per TAS 202-94
 - 3) Water resistant test per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 4) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 5) Forced Entry Test, per PA 202-94

Along with marked-up drawings and installation diagram of Glazed Arch-Top Outswing Steel Entry Door, prepared by Certified Testing Laboratories, Test Report No. **CTL 1638-W-2** dated 01/30/08, signed and sealed by Ramesh Patel, P.E.

Note: This test report has been revised by an addendum letter issued by Certified Testing Laboratories, dated 05/28/08, signed and sealed by Ramesh Patel, P.E.

2. Additional test per TAS 201/203-94, issued by Certified Testing Laboratories, signed and sealed by Ramesh Patel, P.E.

C. CALCULATIONS:

1. Anchor verification calculation, dated 03-07-08 and last revised on 09/19/08, prepared by O.M. Engineering Services, signed & sealed by Nimesh Bhavsar., P.E.
2. Glazing complies w/ ASTM E-1300-04

D. QUALITY ASSURANCE BY;

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

E. MATERIAL CERTIFICATIONS

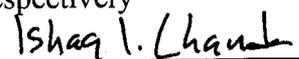
1. Notice of Acceptance No. **07-1116.04** issued to E.I. DuPont DeNemours for "SentryGlasPlus", expiring on 01/14/2012.

F. STATEMENTS

1. Letter of conformance & "No financial interest" dated March 27, 2008, signed and sealed by Douglas J. McDougall, P.E.
2. Laboratory Statement of compliance, part of the above referenced test reports

G. OTHER

1. Test proposal dated 08/28/08 approved by BCCO.
2. Distribution agreement between Majestic Entries, LLC and Loyal Wrought Iron Co, China, signed by Robert P. Richards and Yan Xiao Jun Yan, respectively



Ishaq I Chanda, P.E.
Product Control Examiner
NOA No 08-0402.08

Expiration Date: January 28, 2014
Approval Date: January 28, 2009

MAJESTIC ENTRIES, LLC

6'0" X 10'0" OUTSWING LOYAL IRON SERIES GLAZED STEEL ENTRY ARCH TOP DOUBLE DOOR

INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ) REQUIREMENTS.
- THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORT #CTL-1638W-2, AND ASSOCIATED LABORATORY STAMPED DRAWINGS.
- THE PRODUCT HAS BEEN EVALUATED FOR CONFORMANCE TO THE STANDARDS LISTED IN THE 2007 FLORIDA BUILDING CODE (FBC) AND IS IN COMPLIANCE WITH SAID STANDARDS, INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ) REQUIREMENTS.
- 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.
- 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.
- 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, THEN THE BUILDING OFFICIAL MAY ELECT ONE OF THE FOLLOWING OPTIONS:
 - OUTSIDE HVHZ: REQUIRE THAT A LICENSED ENGINEER OR ARCHITECT PREPARE AND SUBMIT SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT TO BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.
 - INSIDE HVHZ: REQUIRE THAT A ONE-TIME SITE SPECIFIC APPROVAL BE APPLIED FOR AND OBTAINED FROM THE MIAMI-DADE COUNTY PRODUCT CONTROL DIVISION.

- IN HVHZ AREAS WHERE WINDBORNE DEBRIS PROTECTION REQUIREMENTS EXIST, USE OF AN IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THE PRODUCT HEREIN.
- DOOR FRAME AND PANEL MATERIAL: STEEL - STANDARD GB / T700 - 1988 GRADE Q235 (AASTM A283M GRADE A.)
- GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 7 FOR GLAZING DETAILS.
- DESIGNATION "X" STANDS FOR THE FOLLOWING:
X: OPERABLE PANEL
- A 1/3 INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS NOT USED IN THE DESIGN OF THE PRODUCT(S) SHOWN HEREIN, EXCEPT WOOD.
- IRON WORK SUCH AS DECORATIVE GRILLS, ETC., IS NOT PART OF THIS APPROVAL.

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM SIZE OF 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- FOR INSTALLATION INTO WOOD FRAMING, USE 3/8" LAG SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 3 INCH MINIMUM EMBEDMENT.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES (INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING). WALL FINISHES ARE NOT PART OF THIS APPROVAL.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- 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.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON WOOD SUBSTRATE MATERIALS WITH A MINIMUM SPECIFIC GRAVITY OF 0.42.

TABLE OF CONTENTS		
SHEET	REV.	SHEET DESCRIPTION
1	B	GENERAL AND INSTALLATION NOTES
2	B	ELEVATIONS AND ANCHOR LAYOUT
3	B	VERTICAL SECTIONS
4	B	VERTICAL SECTIONS
5	-	HORIZONTAL SECTIONS
6	B	COMPONENTS
7	B	BILL OF MATERIALS AND GLAZING DETAIL

DESIGN PRESSURE RATING (PSF)		IMPACT RATING
WATER INFILTRATION REQUIRED	WATER INFILTRATION NOT REQUIRED	LARGE MISSLE IMPACT
±66.70	±67.50	

Approved as complying with the Florida Building Code
 Date Jan 28, 2009
 NOA# 08-0402-03
 Miami Dade Product Control
 Division
 By Shang I. Chandra

REVISIONS:			
REV	DESCRIPTION	DATE	BY
B	ADDED TO TABLE OF CONTENTS	7/25/08	SMC
A	PER MIAMI-DADE REQUEST	6/19/08	SMC

MAJESTIC ENTRIES, LLC
 156 CORPORATE BOULEVARD, INDIAN TRAIL N.C. 28079
 TITLE: GLAZED STEEL ENTRY ARCH TOP DOUBLE DOOR
 GENERAL AND INSTALLATION NOTES
 PREPARED BY: J.K.J.
 DATE: 07/25/08
 SCALE: N.T.S.
 DWG. NO.: MAJ0003
 SHEET: 1 OF 7
 REV: B

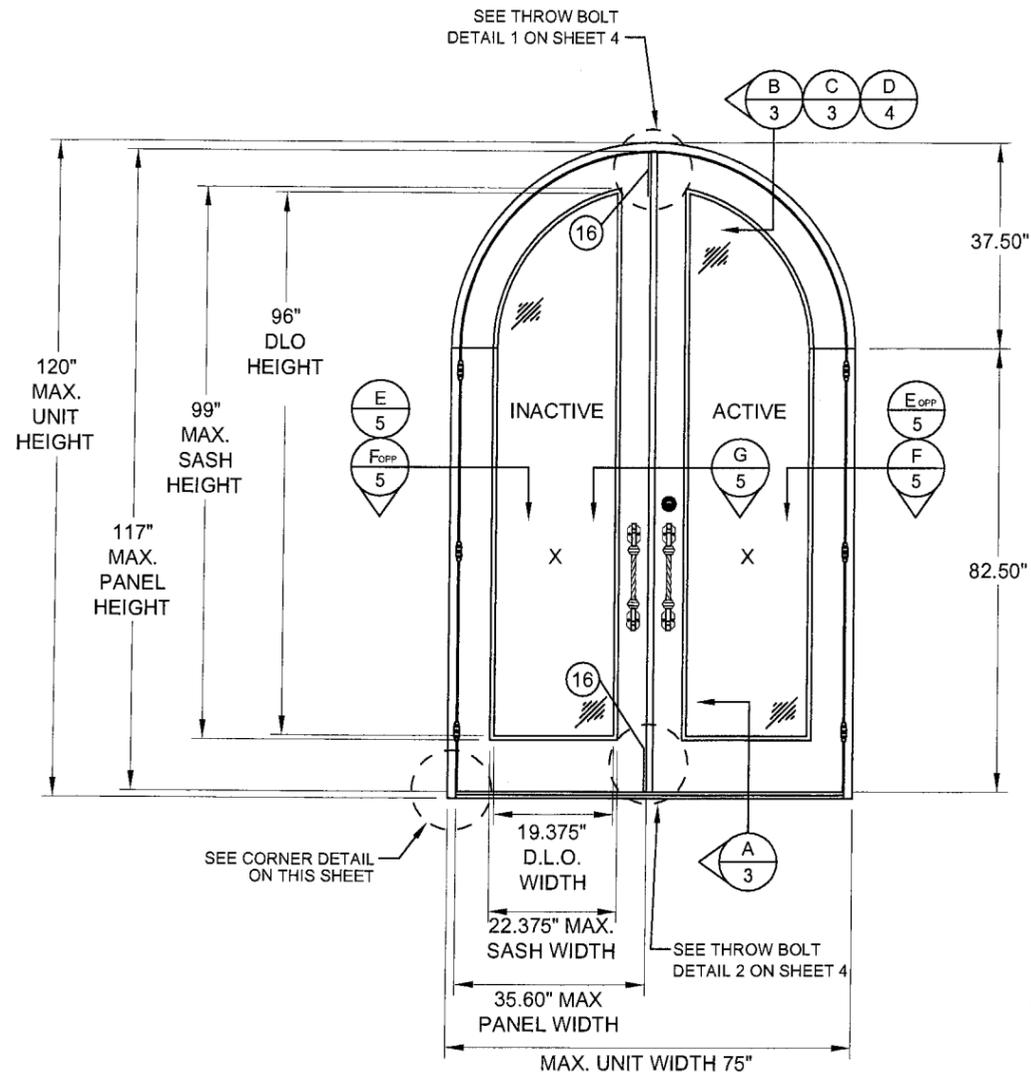


Phone 321.690.1788 Fax 321.690.1789

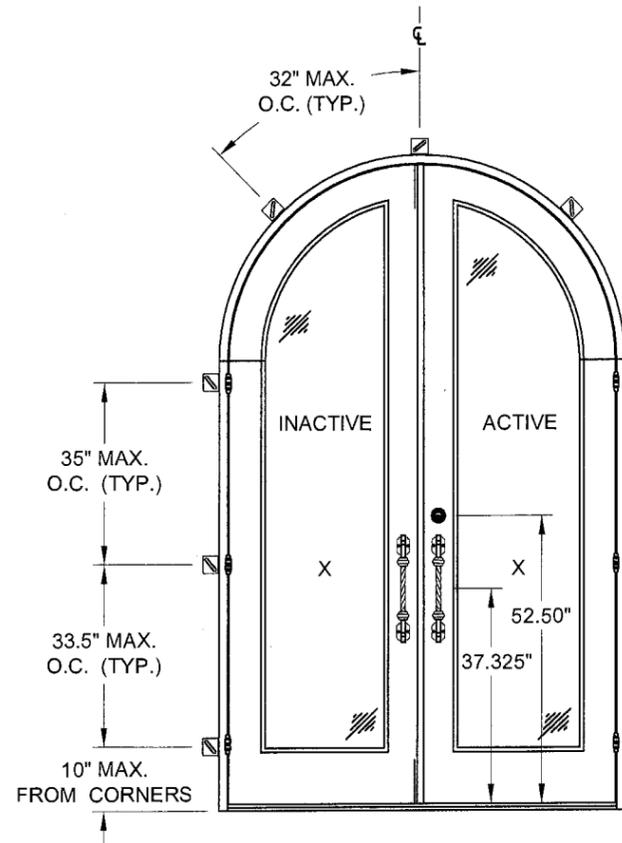
Douglas J. McDougall
 Florida P.E. No. 28392

 P.T.C., LLC
 1535 N. Cogswell Street, Suite C25
 Rockledge, Florida 32955
 FBPE Certificate of Authorization NO. 26935

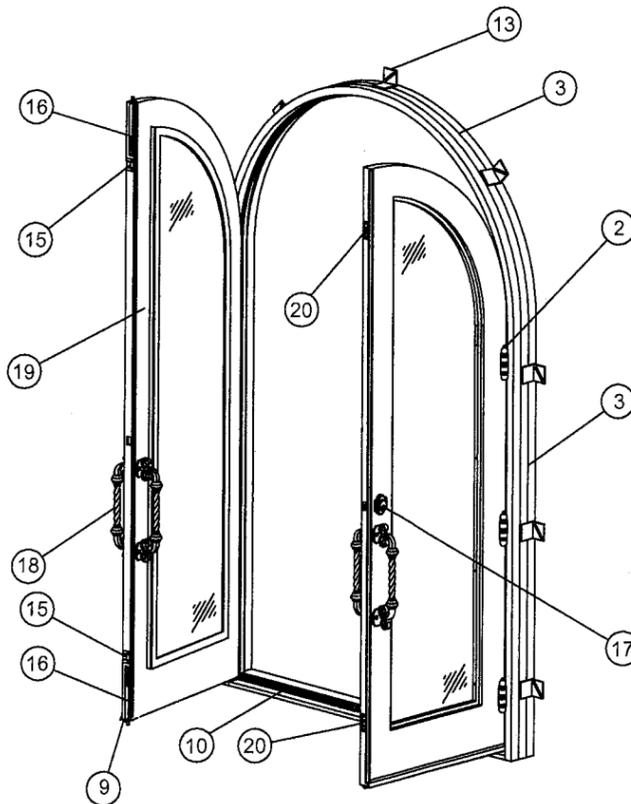
FBPE Certificate of Authorization NO. 26935
 Phone 321.690.1788 Fax 321.690.1789
 2 OF 7
 B



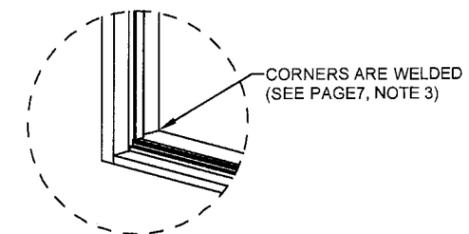
ELEVATION
EXTERIOR VIEW



ANCHOR LAYOUT
EXTERIOR VIEW



DETAILED ELEVATION
EXTERIOR VIEW



CORNER DETAIL

Approved as complying with the
Florida Building Code
Date July 2, 2009
NOA# 08-0402-08
Miami Dade Product Control
Division
By Shag L. Chrost

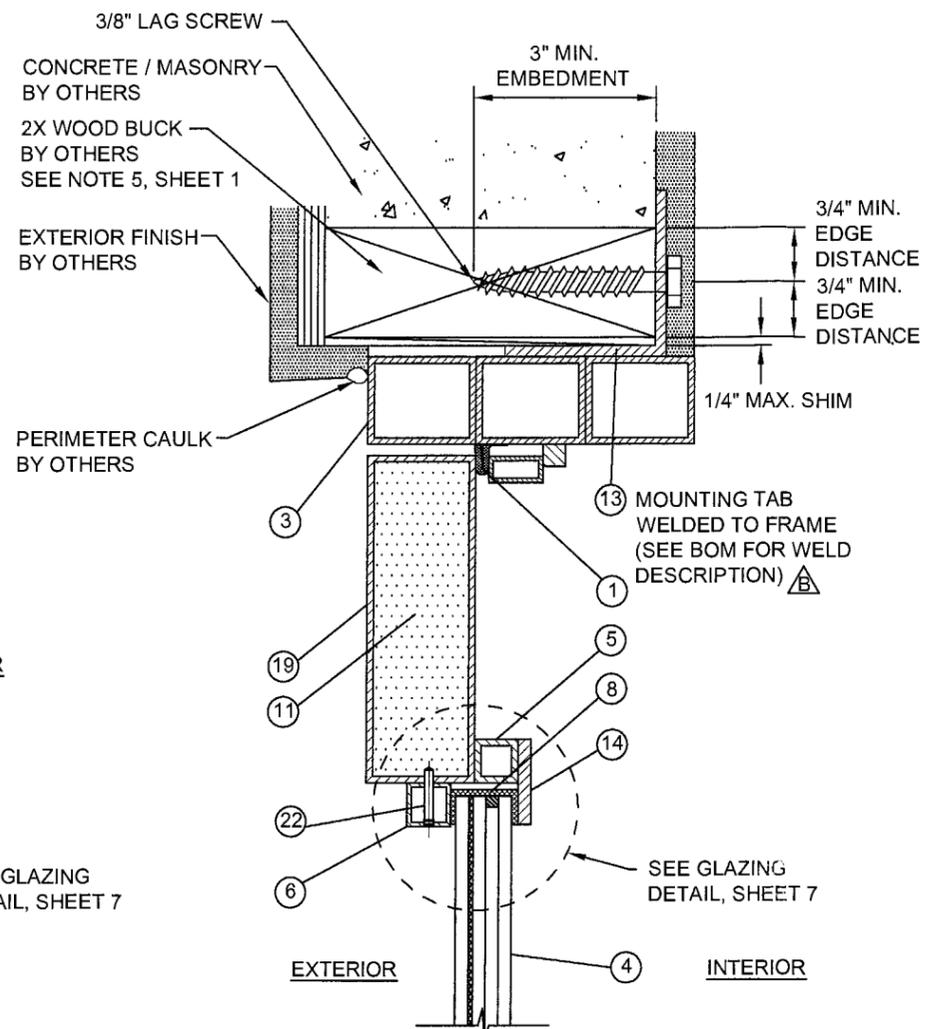
Douglas J. McDougall
Florida P.E. No. 28392

[Signature]
7-25-08
PTC, LLC
1535 N. Cogswell Street, Suite C25
Rockledge, Florida 32955
FBPE Certificate of Authorization No. 25935

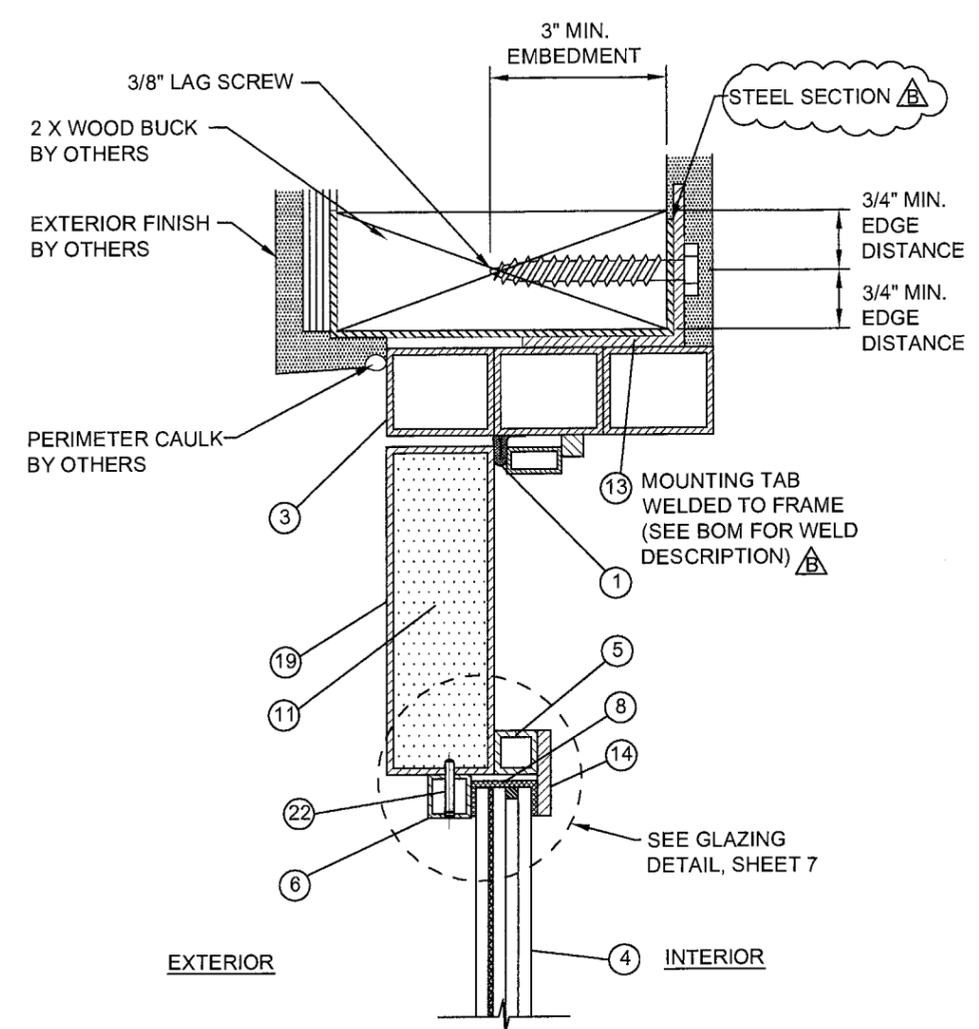
MAJESTIC ENTRIES, LLC
156 CORPORATE BOULEVARD, INDIAN TRAIL N.C. 28079
TITLE: GLAZED STEEL ENTRY ARCH TOP DOUBLE DOOR
ELEVATION AND ANCHOR LAYOUT

DRN:	JKJ	DATE:	07/25/08
SCALE:	N.T.S.	DWG. NO.:	MAJ0003
REV:	B	SHEET:	2 OF 7

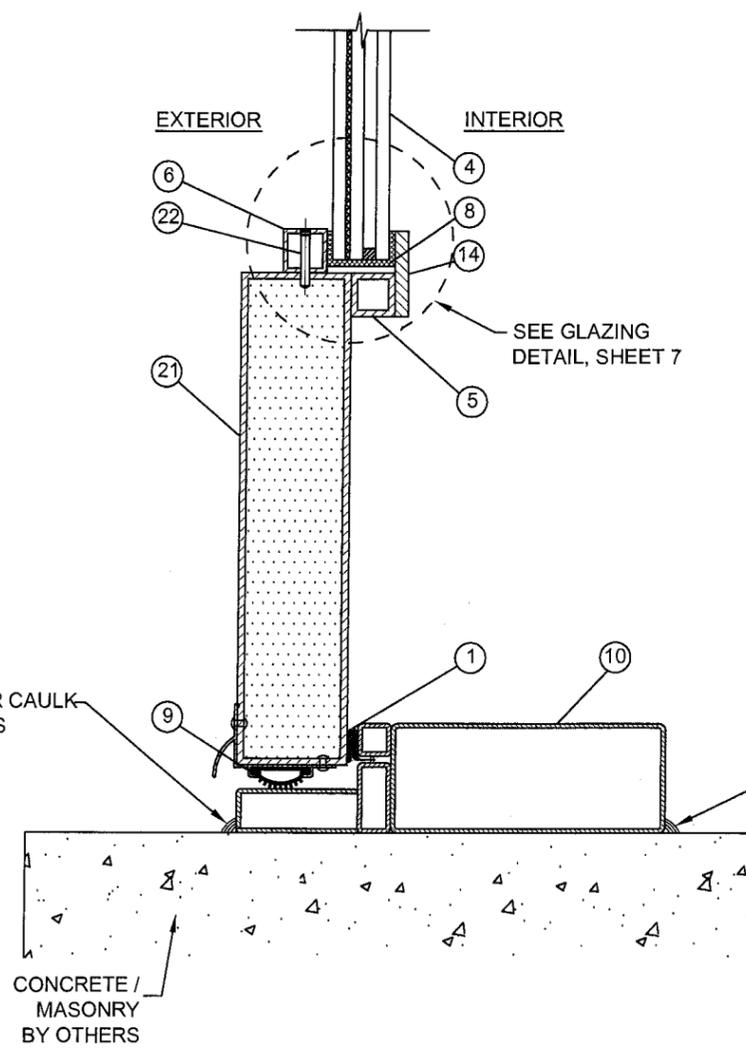
REV	DESCRIPTION	DATE	BY
A	PER MIAMI-DADE REQUEST	6/19/08	SNC
B	ADDED CORNER DETAIL	7/25/08	SNC



B
3 VERTICAL SECTION
FRAME / HEAD
CONCRETE / MASONRY SUBSTRATE



C
3 VERTICAL SECTION
FRAME / HEAD
STEEL STUD W/ WOOD SUBSTRATE



A
3 VERTICAL SECTION
THRESHOLD
CONCRETE / MASONRY SUBSTRATE

REVISIONS:

REV	DESCRIPTION	DATE	BY
B	REVISED MOUNTING CLIPS	7/25/08 SMC	
A	PER MIAMI-DADE REQUEST	8/10/08 SMC	

MAJESTIC ENTRIES, LLC
156 CORPORATE BOULEVARD, INDIAN TRAIL N.C. 28079

TITLE: GLAZED STEEL ENTRY ARCH TOP DOUBLE DOOR
VERTICAL SECTIONS

DATE: 07/25/08
DRN: JKJ
SCALE: N.T.S.
DWG. NO.: MAJ0003
SHEET: 3 OF 7

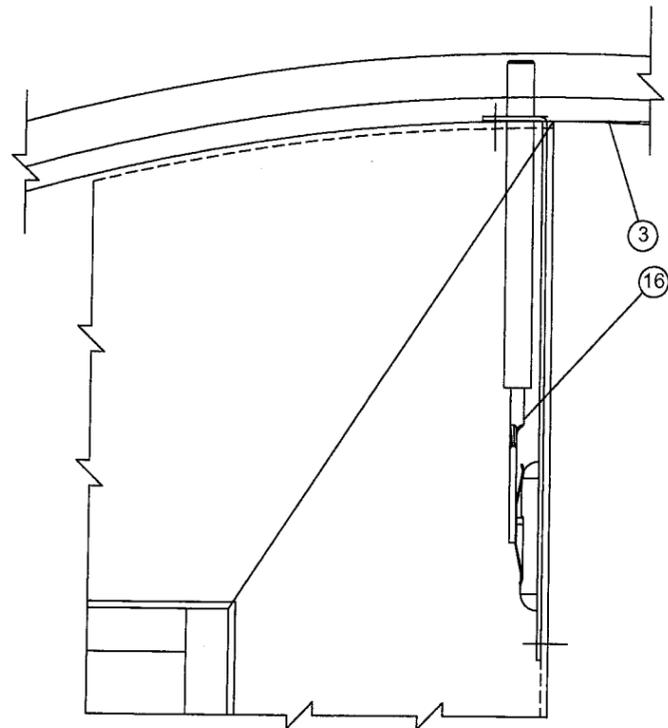
PREPARED BY: PTC, LLC
PTC, LLC
1535 N. Cogswell Street, Suite C25
Rockledge, Florida 32955
Phone 321.690.1788 Fax 321.690.1789

Approved as complying with the
Florida Building Code
Date Jan 28, 2009
NOA# 08-0402-08
Miami Dade Product Control
Division
By Isaac L. Hunt

Douglas J. McDougall
Florida P.E. No. 28392

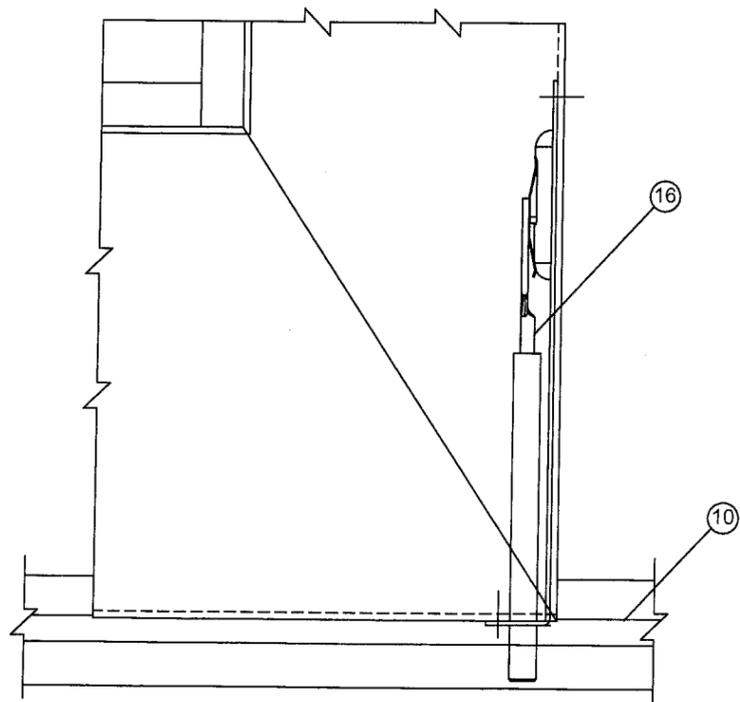
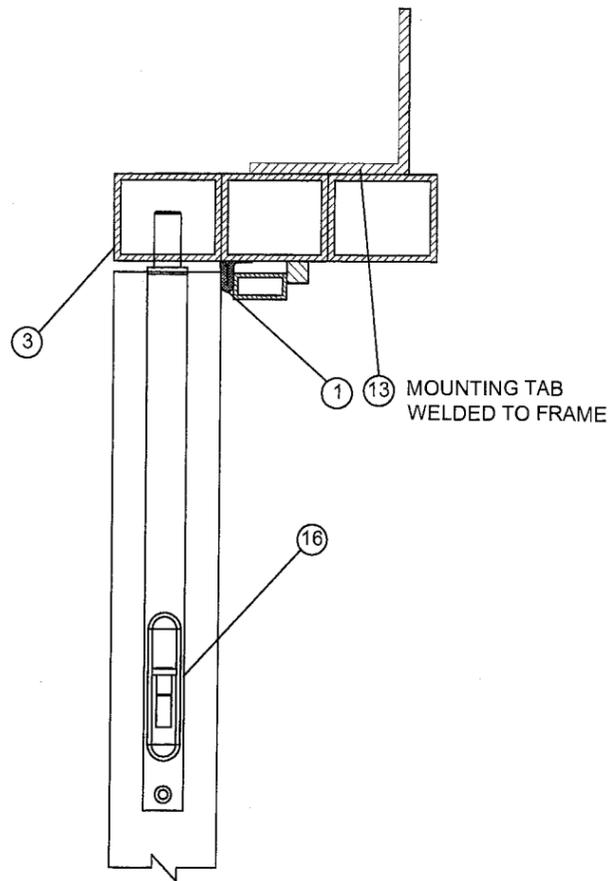
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7-28-08

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



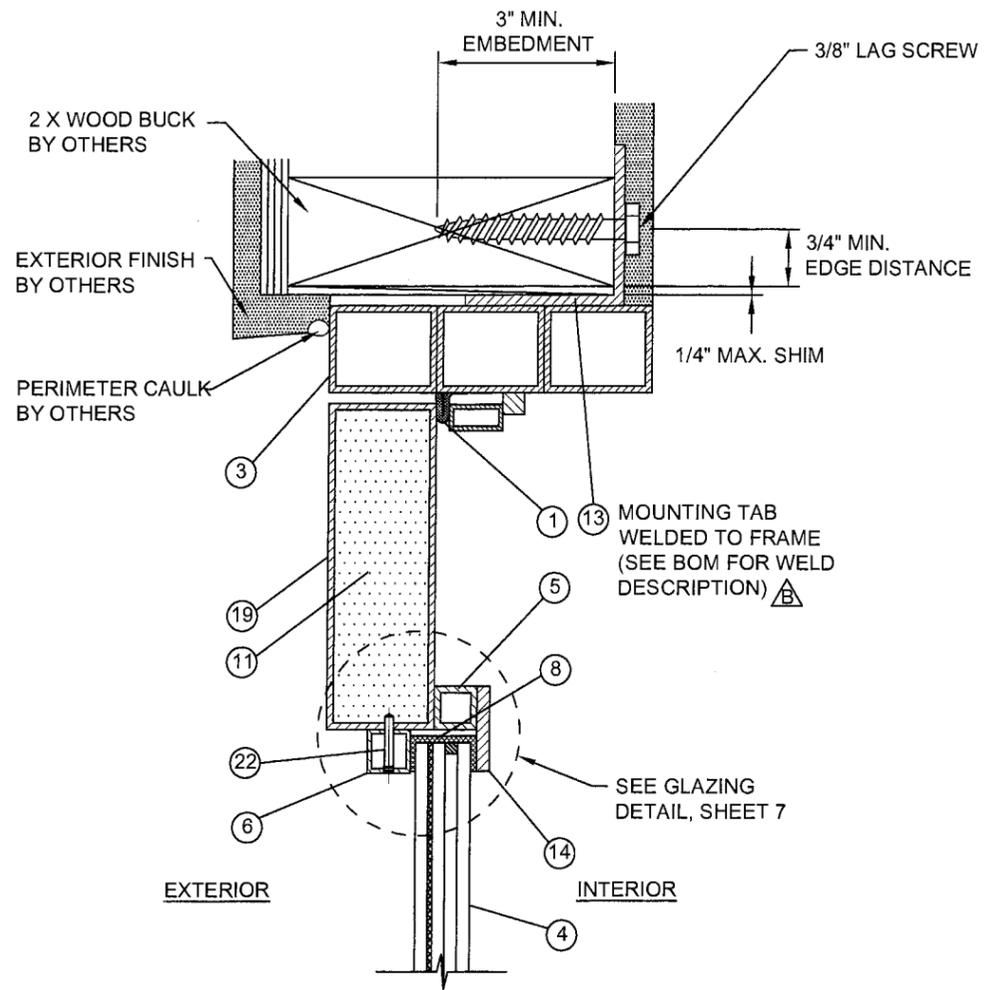
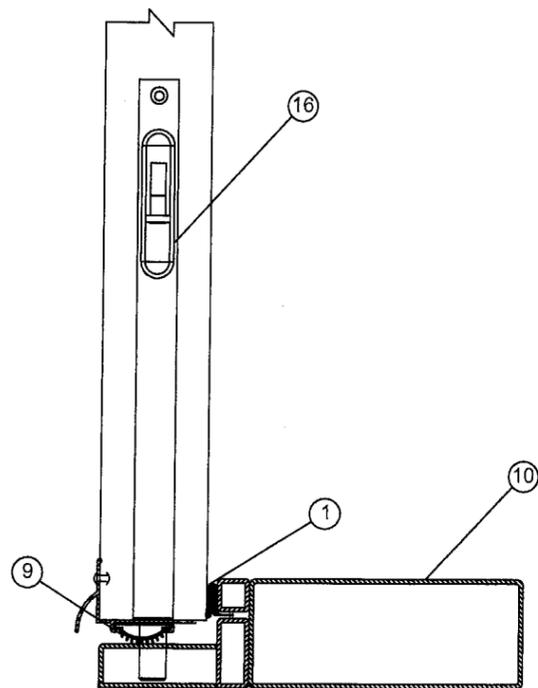
THROW BOLT DETAIL 1

AT HEAD



THROW BOLT DETAIL 2

AT SILL



D
4 **VERTICAL SECTION**
FRAME / HEAD
WOOD SUBSTRATE

Approved as complying with the
Florida Building Code
Date Jan 26, 2009
NOA# 08-0402-08
Miami Dade Product Control
Division
By Greg J. Hunt

REVISIONS:

REV	DESCRIPTION	DATE	BY
B	REVISED MOUNTING CLIPS	7/25/08	SMC
A	PER MIAMI-DADE REQUEST	8/19/08	SMC

MAJESTIC ENTRIES, LLC		DATE: 07/25/08	SHEET: 4 OF 7
156 CORPORATE BOULEVARD, INDIAN TRAIL N.C. 28079		DWG. NO: MAJ0003	REV: B
TITLE: GLAZED STEEL ENTRY ARCH TOP DOUBLE DOOR		PREPARED BY: JKJ	SCALE: N.T.S.
VERTICAL SECTIONS		DRAWN BY: N.T.S.	DATE: 07/25/08

Douglas J. McDougall
Florida P.E. No. 28392

[Signature]
7-2-08

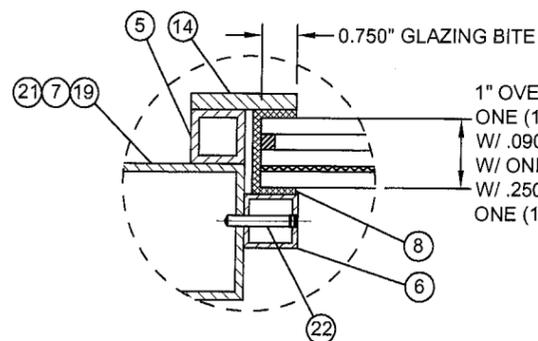
PTC, LLC
1535 N. Cogswell Street, Suite C25
Rockledge, Florida 32955
FBPE Certificate of Authorization NO. 25935

BILL OF MATERIALS

ITEM #	PART #	DESCRIPTION	MATERIAL	MANUFACTURER	QUANTITY	NOTES
1	RM11-001	WEATHER STRIPPING (FRAME)	POLYETHYLENE / FOAM	SCHLEGEL SYSTEMS, INC.	1	
2	RM8-M & F	DOOR BARREL HINGES	STEEL	LOYAL IRON DOORS	6	MALE BARREL HINGE WELDED TO FRAME JAMB; FEMALE BARREL HINGE WELDED TO HINGE STILE. Q235 LOW CARBON STEEL (ASTM A287) Δ
3	RM1-FH & FJ	FRAME HEAD & JAMB	STEEL	LOYAL IRON DOORS	1	Q235 LOW CARBON STEEL (ASTM A287) Δ
4	RM12	1" O.A. INSULATED LAMINATED GLASS	GLASS	OLD CASTLE	2	
5	----	OFFSET SPACER .80" X .80" X .120"	STEEL	LOYAL IRON DOORS	2	WELDED TO FRAME WITH 1/8" X 1 3/4" SQUARE BUTTED WELDS EVERY 12"; Q235 LOW CARBON STEEL (ASTM A287) Δ
6	RM4-010	EXTERIOR GLASS STOP	STEEL	LOYAL IRON DOORS	2	Q235 LOW CARBON STEEL (ASTM A287) Δ
7	RM2-T	PANEL STILE 2" X 6" X 1/8"	STEEL	LOYAL IRON DOORS	2	Q235 LOW CARBON STEEL (ASTM A287) Δ
8	----	SILICONE CAULK BEDDING	SILICONE	DOW CORNING 995	----	GLAZING COMPOUND
9	RM11-004	DOOR SWEEP	AL. & RUBBER	YONGTAI ELEC. METAL	2	
10	RM1-DT	THRESHOLD	STEEL	LOYAL IRON DOORS	1	WELDED TO FRAME JAMBS WITH 1/8" FILLET WELDS ALL AROUND; Q235 LOW CARBON STEEL (ASTM A287) Δ
11	RM13-001	PANEL INSULATION	POLYSTYRENE	APACHE	AS REQ'D	PER CURRENT NOA
12	RM11-006	WEATHER STRIPPING (ASTRAGAL)	FOAM	SCHLEGEL	2	
13	RM1-004	MOUNTING TAB	STEEL	LOYAL IRON DOORS	8	Q235 LOW CARBON STEEL (ASTM A287) Δ
14	RM4-010	INTERIOR GLASS STOP	STEEL	LOYAL IRON DOORS	AS REQ'D	WELDED TO OFFSET SPACER WITH 1/8" X 1 3/4" FILLET WELDS EVERY 12"; Q235 LOW CARBON STEEL (ASTM A287) Δ
15	RM6-2	ROLLER CATCH STRIKE PLATE	BRASS	LOYAL IRON DOORS	2	
16	RM9-004	THROW BOLT	ST. STEEL	LOYAL IRON DOORS	2	300 SERIES
17	RM5-008	DEAD BOLT	STEEL	WESLOCK	1	SERIES 700
18	RM10	DOOR HANDLE	STEEL	LOYAL IRON DOORS	4	
19	----	TOP RAIL 2" X 6" X 1/8"	STEEL	----	AS REQ'D	Q235 LOW CARBON STEEL (ASTM A287) Δ
20	RM6-1	ROLLER CATCH	STEEL	LOYAL IRON DOORS	2	
21	----	PANEL BOTTOM RAIL 2" X 9" X 1/8"	STEEL	LOYAL IRON DOORS	----	Q235 LOW CARBON STEEL (ASTM A287) Δ
22	----	#10 X 2" NEO HEX WASHER HEAD SELF TAPPING	STEEL	----	----	GLAZING BEAD TO STILE

NOTE:

1. MAIN FRAME CIRCLE HEAD AND JAMB SECTIONS WERE BUTTED AND ARC WELDED WITH 1/8" SQUARE WELDS ALL AROUND AND THEN GROUND SMOOTH.
2. SEGMENTED PORTIONS OF THE FRAME HEAD AND JAMBS WERE SPOT WELDED AROUND EXTERIOR PERIMETER WITH 1/8" X 1 3/4" SQUARE BUTTED WELDS AT 12" O.C.
3. THE SILL / THRESHOLD WAS BUTTED TO JAMBS, ARC WELDED WITH 1/8" FILLET WELDS ALL AROUND AND THEN GROUND SMOOTH.
4. DOOR STOP MEMBERS WERE WELDED TO THE FRAME MAJOR COMPONENTS USING 1/8" X 1 3/4" FILLET WELDS EVERY 12".
5. PANEL STILES TO RAILS WERE MITERED AND ARC WELDED WITH 1/8" SQUARE BUTTED WELDS AND THEN GROUND SMOOTH.
6. ER70S-6 WELDING WIRE FEED WAS USED FOR ALL WELDS.
7. ASTM A287: Fy MIN= 29.7 KSI, Fy MIN= 55KSI. Δ



1" OVERALL INSULATED LAMINATED GLASS CONSISTING OF:
 ONE (1) EXTERIOR 0.1875" HEAT STRENGTHENED GLASS
 W/ .090" DUPONT SGP LAMINATE
 W/ ONE (1) .250" HEAT STRENGTHENED GLASS
 W/ .250" ALUMINUM SPACER SYSTEM AND
 ONE (1) INTERIOR .250" TEMPERED CLEAR GLASS

GLAZING DETAIL

MAJESTIC ENTRIES, LLC

156 CORPORATE BOULEVARD, INDIAN TRAIL N.C. 28079

TITLE: GLAZED STEEL ENTRY ARCH TOP DOUBLE DOOR
BILL OF MATERIALS AND GLAZING DETAIL

PREPARED BY: J.K.J.
DATE: 07/25/08
SCALE: N.T.S.
DWG. NO.: MAJ0003
REV: 7 OF 7



Phone 321.690.1788 Fax 321.690.1789

Douglas J. McDougall
Florida P.E. No. 28392

Approved as complying with the
Florida Building Code
Date Jan 28, 2009
NOA# 08-0402-03
Miami Dade Product Control
Division
By [Signature]

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

REVISIONS:

REV	DESCRIPTION	DATE	BY
B	REVISED STEEL DESCRIPTION	7/25/08	SMC
A	PER MIAM-DADE REQUEST	9/18/08	SMC