



MIAMI-DADE
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

NOTICE OF ACCEPTANCE (NOA)

Quality Engineered Products, Co., Inc.
4506 Quality Lane
Tampa, FL 33622

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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series 16 ga Outswing Commercial Steel Door-Impact

APPROVAL DOCUMENT: Drawing No. 16GACOSD, titled "16 gauge Commercial Outswing Steel Doors", sheets 1 through 3 of 3, prepared by manufacturer, dated 05/06/04 and last revised on 07/13/04, signed and sealed by C. F. Fernandez, 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 and Small 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 revises NOA # 02-1011.05, consists of this page, evidence sheet E-1, as well as, approval document mentioned above.

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



NOA No 04-0220.02
Expiration Date: January 30, 2008
Approval Date: August 05, 2004
Page 1

8
7/15/04

Quality Engineered Products, Co., Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **16GACOSD**, titled "16 gauge Commercial Outswing Steel Doors", sheets 1 through 3 of 3, prepared by manufacturer, dated 05/06/04 and last revised on 07/13/04, signed and sealed by C. F. Fernandez, 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. (Qualified under HTL-0050-1012-97)
3) Water Resistance Test per FBC TAS 202-94 (Not Performed).
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 and TAS 202-94

Along with marked-up drawings and installation diagram of Steel Commercial Steel Doors, prepared by Certified Testing Laboratories Inc., Test Report No. **CTLA 114W**, dated December 09,2003, signed and sealed by Ramesh Patel, P. E
Note: This test report has been revised by addendum letter dated May 26, 2004, issued by Certified Testing Laboratories Inc.

2. Additional test report **HTL-0050-1012-97** tested per SFBC, PA 202-94, issued by Hurricane testing laboratories, Inc. dated 10-16-98, signed and sealed by Timothy S. Marshall, P. E.

C. CALCULATIONS

1. Anchor verification calculations, dated 01/14/2004 and revised on 06-09-04, prepared, signed and sealed by C. F. Fernandez, P.E.

D. QUALITY ASSURANCE BY:

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

E. MATERIAL CERTIFICATIONS

1. Tensile test report prepared by Certified Testing Laboratories Inc., Test Report No. **CTL 1023J (CTLA114W)**, tested per ASTM E-A370-97, dated December 02,2003, signed and sealed by Ramesh Patel, P. E.
2. Notice of Acceptance No. **01-1108.09** issued to Apache Products Company for "EPS-Expanded Polystyrene Insulation", expiring on 01/11/2007.

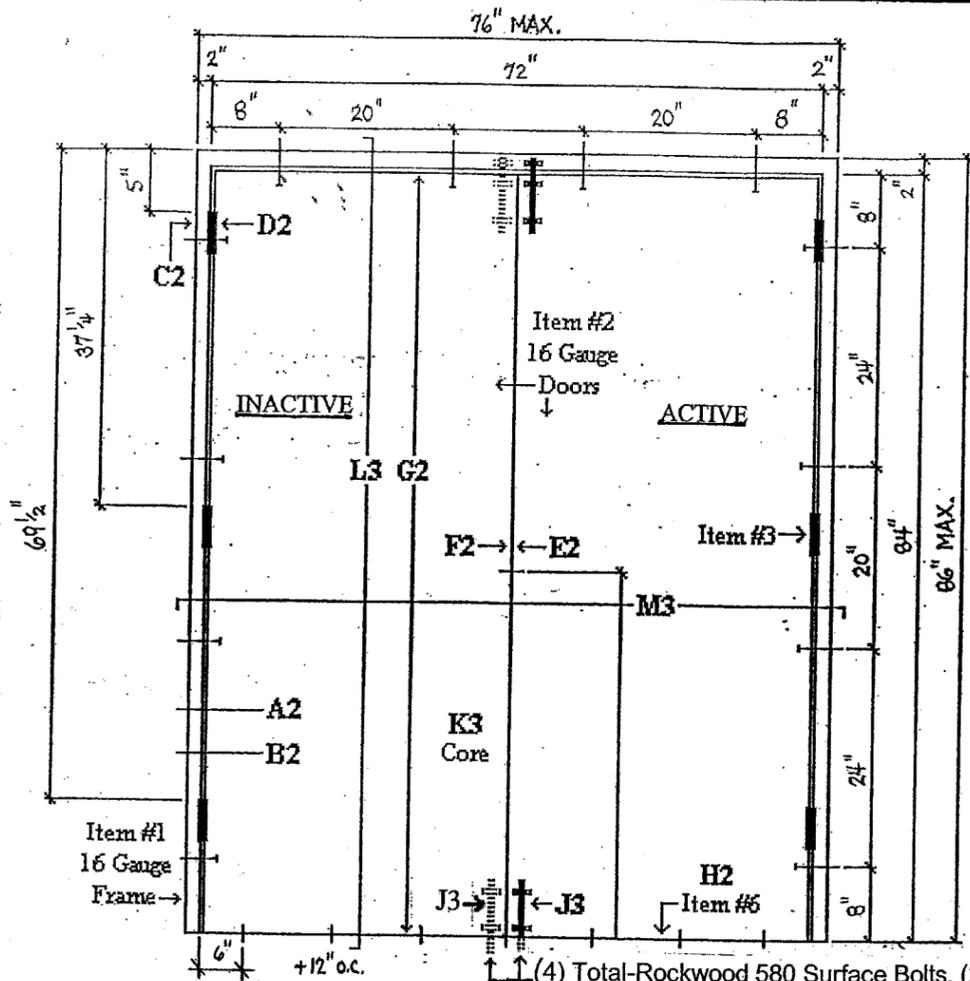
F. STATEMENTS

1. Stateman letter of conformance and "No financial interest", dated 02-05-2004, signed and sealed by C. F. Fernandez, P. E.
2. Statement letter of compliance, as a part of the above referenced test report, issued by Certified Testing Laboratories Inc.

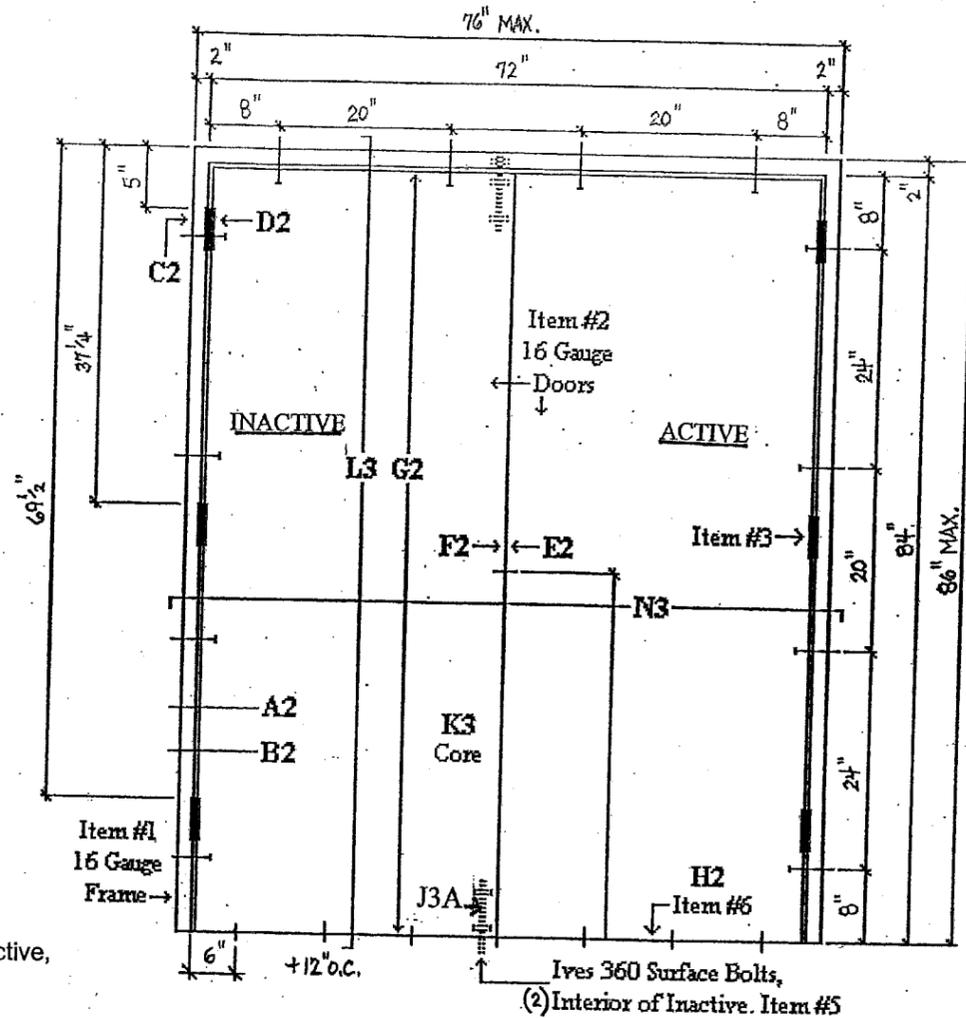
F. OTHER:

1. Test Proposal by Q. E. P. dated September 19, 2002, approved by BCCO.
2. This NOA revises NOA #. **02-1011.05**, expiring January 30, 2008.

Ishaq I. Chanda
Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 04-0220.02
Expiration Date: January 30, 2008
Approval Date: August 05, 2004



EXTERIOR VIEW



EXTERIOR VIEW

Compliance of these units to FBC egress/escape requirements to be reviewed by building official on a case by case basis.

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 04-0220-02
 Expiration Date JANUARY 30, 2008
 By: Ishag I. Chanda
 Product Control
 Division

Lock tested: Item #9

PDQ mortise lock model MR117

| Design Pressure Rating (Outswing Double Doors) w/ (4) Rockwood surface bolts | | |
|--|---|--|
| | Where water infiltration Requirement is needed* | Where water infiltration Requirement is not needed or protected by overhang* |
| Positive | Not approved without overhang* | +90 PSF |
| Negative | Not approved without overhang* | -90 PSF |

* Unit shall be installed at location protected by overhang such that overhang ratio (OH)=OH length/OH height greater than 1.

Locks tested: Item #10

Schlage mortise lock model L9453P
 Sargent mortise lock model 8225NL

| Design Pressure Rating (Outswing Double Doors) w/ (2) Ives surface bolts (Inactive door) | | |
|--|---|--|
| | Where water infiltration Requirement is needed* | Where water infiltration Requirement is not needed or protected by overhang* |
| Positive | Not approved without overhang* | +70 PSF |
| Negative | Not approved without overhang* | -70 PSF |

* Unit shall be installed at location protected by overhang such that overhang ratio (OH)=OH length/OH height greater than 1.

[Handwritten Signature]
 7/13/04

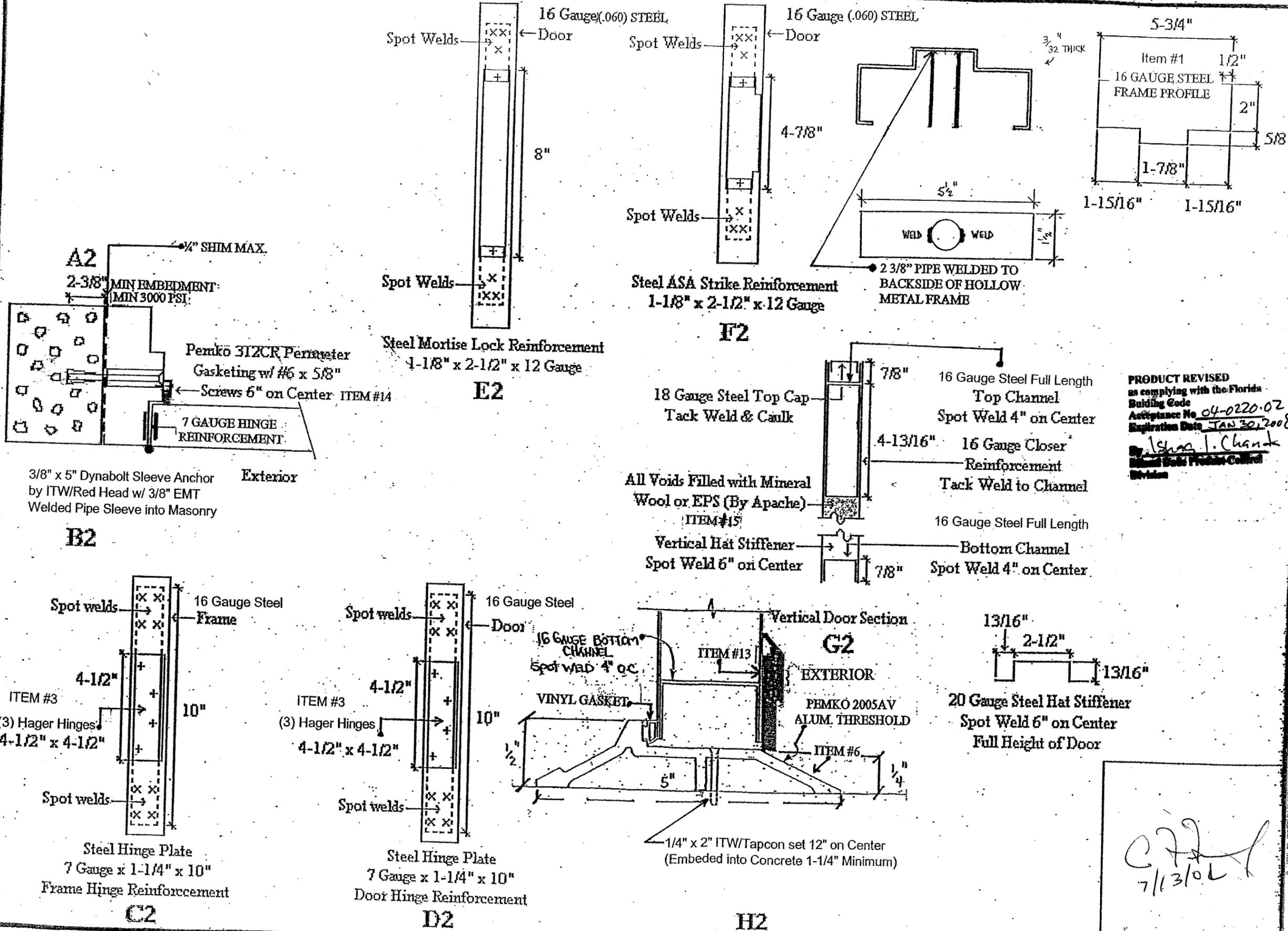
Quality Engineered Products
 4506 Quality Lane
 Tampa, FL 33634
 (813)-885-1693

QUALITY ENGINEERED PRODUCTS COMPANY, INC.
 Revision #1- 05/25/04
 Revision #2- 07/06/04

Hurricane Test Approval
 Drawing # Series 16GACOSD
 16 GAUGE COMMERCIAL
 OUTSWING STEEL DOORS

SHEET 1 OF 3
 DATE: 5/6/04

QUALITY ENGINEERED PRODUCTS



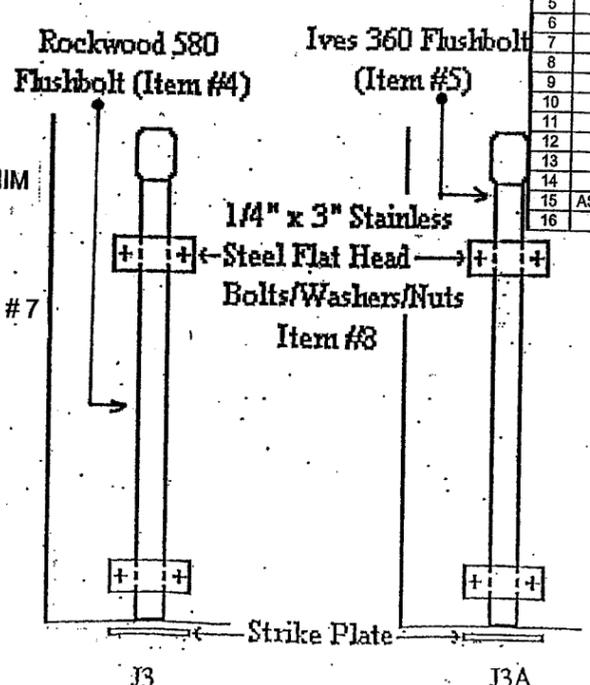
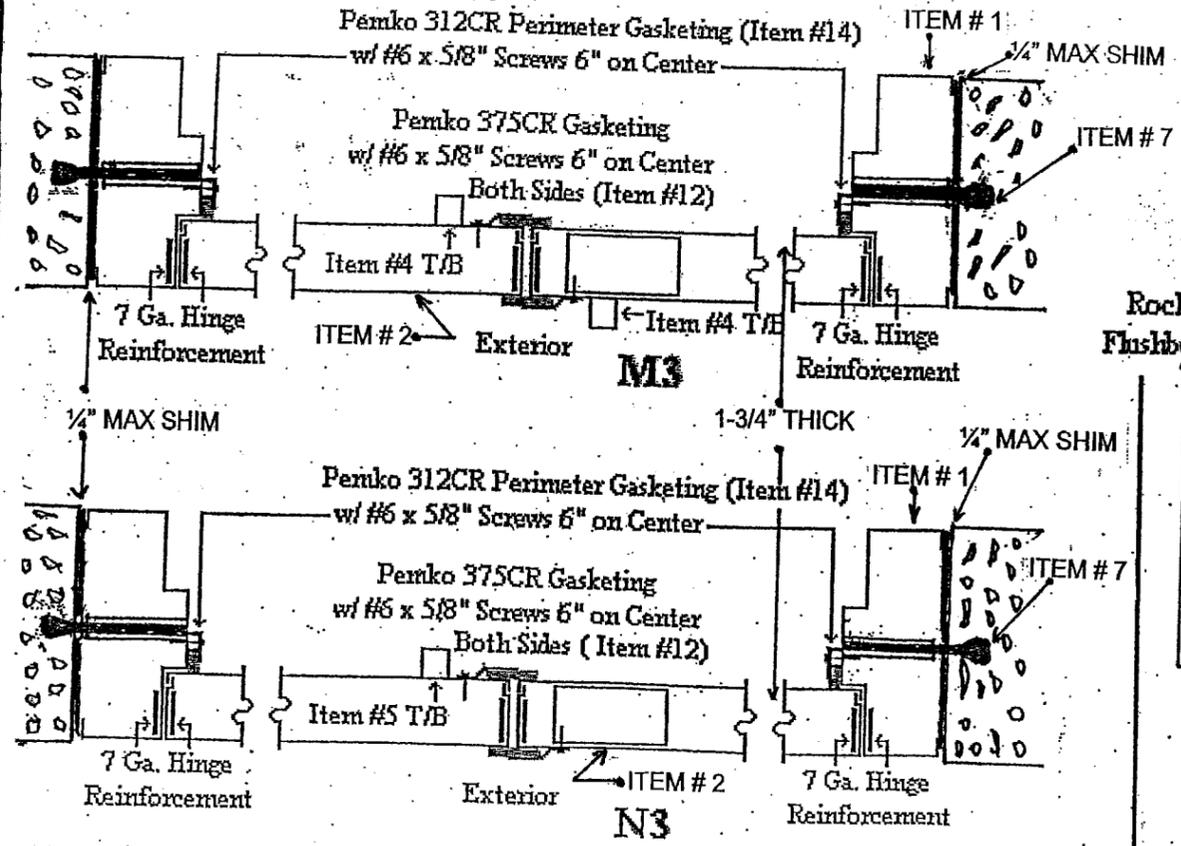
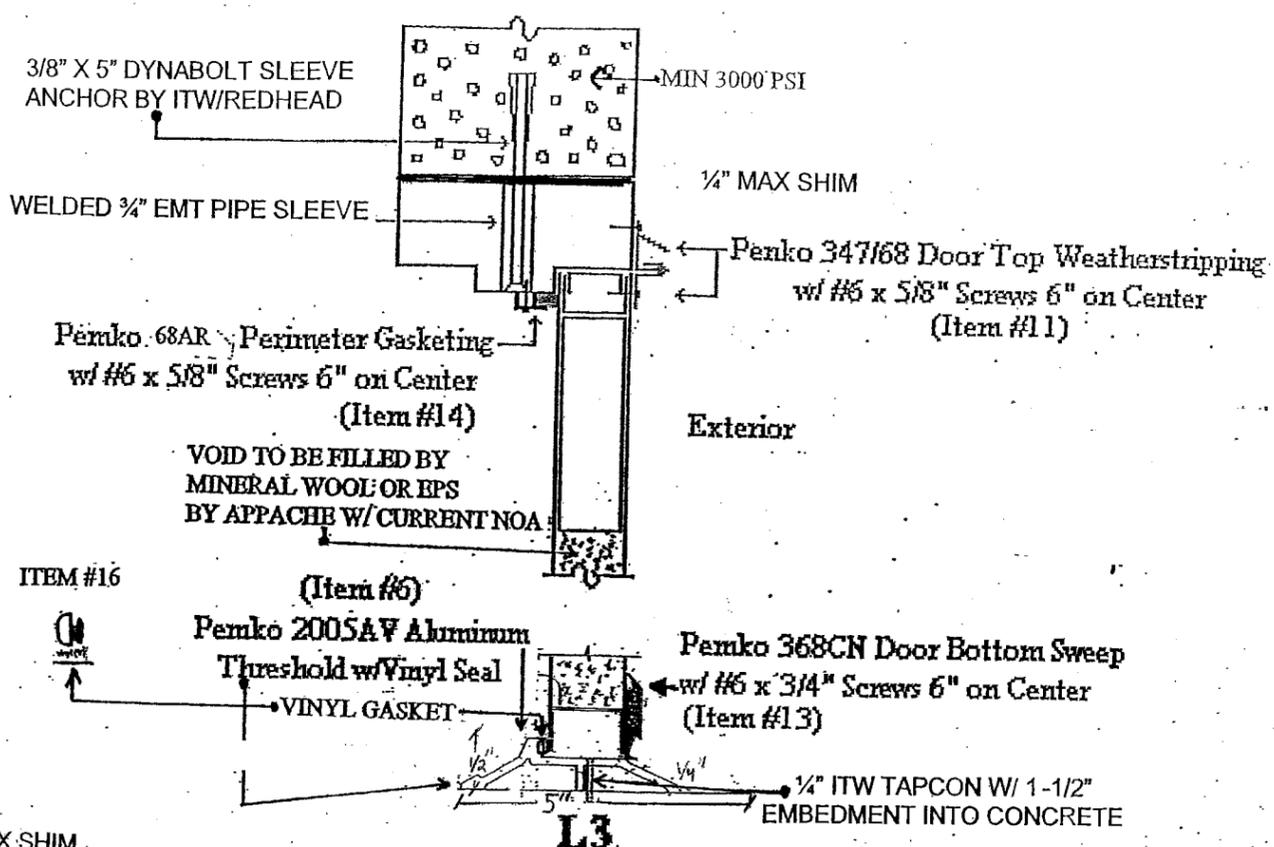
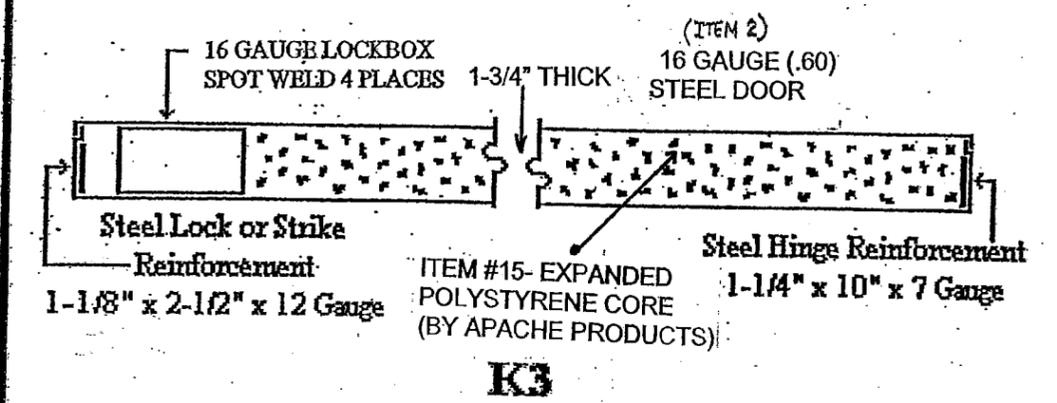
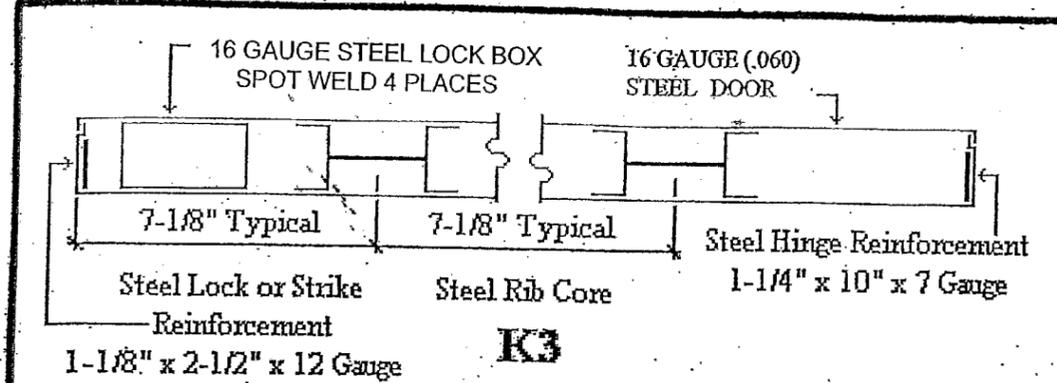
PRODUCT REVISED as complying with the Florida Building Code
 Acceptance No. 04-0220-02
 Expiration Date JAN 30, 2008
 By Ishmael Chanok
 Miami Sales Product Control Division

C. J. [Signature]
 7/13/04

Hurricane Test Approval
 Drawing # Series 16GACOSD

16 GAUGE COMMERCIAL

OUTSWING STEEL DOORS



| BILL OF MATERIALS | | |
|-------------------|----------|---|
| ITEM | QUANTITY | DESCRIPTION |
| 1 | 1 | 16 GA (.060) MIN 14 GA (.067) MAX. STEEL HOLLOW METAL FRAME |
| 2 | 2 | 16 GA (.080) MIN 14 GA (.067) MAX. STEEL FLUSH DOOR (FYMIN=41,200 PSIFUMIN=57800 PSI) |
| 3 | 6 | HAGAR HINGES 4-1/2\"/> |

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 04-0220-02
Expiration Date JAN 30, 2008
Isaac L. Chaudhry
Senior Sales Representative

C.F.F.
7/13/04

Hurricane Test Approval
Drawing # Series: 16GACOSD