



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 product Co. Inc.**  
4506 Quality Lane,  
Tampa, Fl. 33634

**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 High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION: Series Flush Outswing Commercial Steel Single and Double Doors –Impact**

**APPROVAL DOCUMENT:** Drawing No **Q. E. P. 1999-A**, titled “16 ga Outswing Commercial steel Door”, prepared by manufacturer, sheets 1 through 7 of 7 dated 06/28/02 and latest revised on Jan 31, 2008, signed and sealed by David M. Schonacher, bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING: Large and Small Missile Impact**

**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 **renews 02-1011.05** consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



2/14/8

**NOA No 07-1211.01**  
**Expiration Date: January 30, 2013**  
**Approval Date: February 07, 2008**  
Page 1

**Quality Engineered product Co. Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**DRAWINGS** (transferred from file # **02-1011.05**)

1. Manufacturer's parts and sections drawings.
2. Drawing No **Q. E. P. 1999-A**, titled "16 ga Outswing Commercial steel Door", prepared by manufacturer, sheets 1 through 7 of 7 dated 06/28/02 and latest revised on Jan 31, 2008, signed & sealed by David M. Schonacher, P. E. .

**B. TESTS** (transferred from file # **02-1011.05**)

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, FBC TAS 201-94
  - 5) Cyclic Loading Test, per FBC TAS 203-94
  - 6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94along with marked-up drawings and installation diagram of single steel commercial door, prepared by Certified Testing Laboratories, Inc., Test Report No. **CTLA-403W**, dated July 25, 2000, signed and sealed by Ramesh Patel, P.E.
2. Test Report No. **0050-0311-97**, **0050-1012-97** and **0050-0518-97**, prepared by Hurricane Test Laboratory Inc., dated 06/10/98, signed and sealed by Timothy S. Marshall, P.E. and Fredrick D. Shaffer, P. E., for the following tests:
  - 1) Air Infiltration Test, per PA 202-94
  - 2) Uniform Static Air Pressure Test, Loading per PA 202-94
  - 3) Water Resistance Test, per PA 202-94.
  - 4) Large Missile Impact Test per SFBC, PA 201-94
  - 5) Cyclic Wind Pressure Loading per SFBC, PA 203-94
  - 6) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94along with manufacturer's parts & section Dwgs marked by Hurricane Test Laboratory Inc.

**C. CALCULATIONS**

1. Anchor verification dated 10/25/2005, prepare, signed & sealed by David Schonacher, P.E.
2. Anchor calcs, dated 01/05/1999, prepared, signed and sealed by C. F. Fernandez, P.E.

**D. MATERIAL CERTIFICATIONS** (transferred from file # 02-1011.05)

1. Tensile test report prepared by Metallurgical Inc., report No. \*GM-1803, dated 08-04-98 for Steel samples, tested per ASTM E-A370-97-a, signed and sealed by R. K. Grate, P.E.
2. Notice of Acceptance No. 06-1011.05 issued to Dyplast Product, LLC (Former Apache Products Company) for "EPS-Expanded Polystyrene Insulation", expiring on 01/11/08.

**E. STATEMENTS**

1. Statesman letter of conformance & "No financial interest", dated 01-30-08, signed and sealed by David M. Schonacher, P. E.
2. Statement letter of compliance part of test reports, issued by Certified Testing laboratories and Hurricane Testing Laboratory.

**F. OTHER:**

1. This NOA **renews** NOA **02-1011.05**, expiring Jan 30, 2008.

*Ishaq I. Chanda*

Ishaq I.Chanda, P.E.

Product Control Examiner

NOA No 07-1211.01

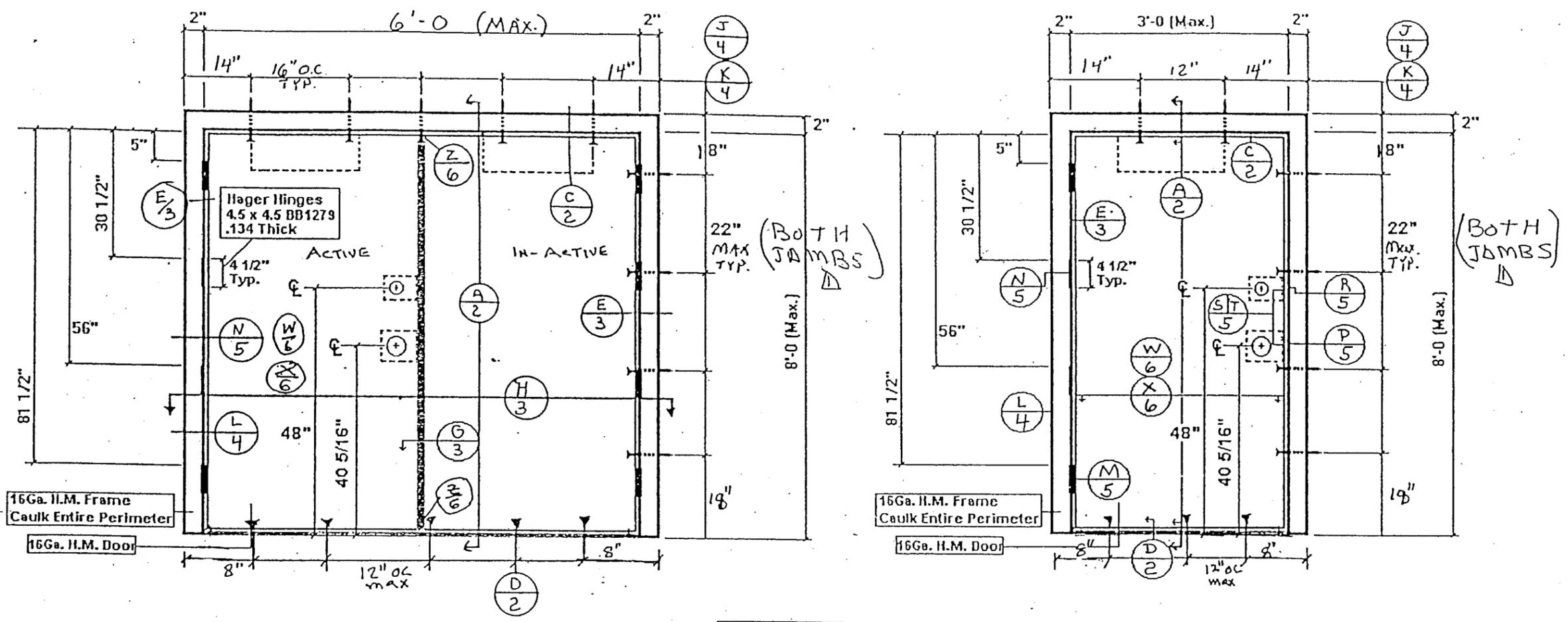
Expiration Date: January 30, 2013

Approval Date: February 30, 2008

ENGINEERED PRODUCTS

QUALITY

DWG NO QEP 1999-A 16GA. OUTSWING COMMERCIAL STEEL DOOR



All Frames And Doors are bonderized and given one coat of Red Rust Inhibitive Primer.

LOCK FUNCTIONS TESTED:	
A) S 3700 VERT RD EXT DOOR & H. DUTY FLUSH BOLTS	D) 2-S 3700 VERT RD EXT DOOR
B) A SERIES MORT LOCK (ARROW)	E) A SERIES MORT LOCK w/ FLUSH BOLTS
C) D SERIES MORT LOCK (ARROW)	F) D SERIES DEAD BOLT & LOCK SET w/ FLUSH BOLTS (ARROW)

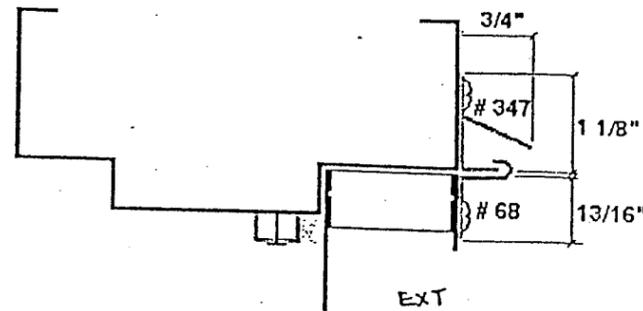
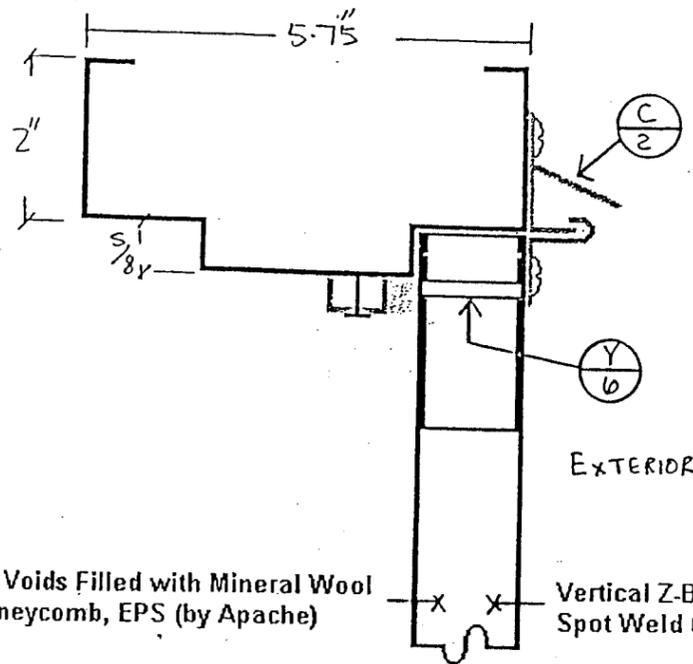
SINGLE OR DOUBLE  
8'-0 MAX

DESIGN PRESSURE RATING  
+ 65 PSF    - 44 PSF

PRODUCT RENEWED as complying with the Florida Building Code  
Acceptance No 07-1211-01  
Expiration Date JAN 30, 2013  
By Ishag I. Chanda  
Miami Dade Product Control Division

FL #63151

JOB: REVISION #1 6-28-00	HURRICANE TEST APPROVAL
#2 1-02-01	
LOCATION: METRO DADE CO	CUSTOMER: DADE CO.
SHEET 1 OF 7	

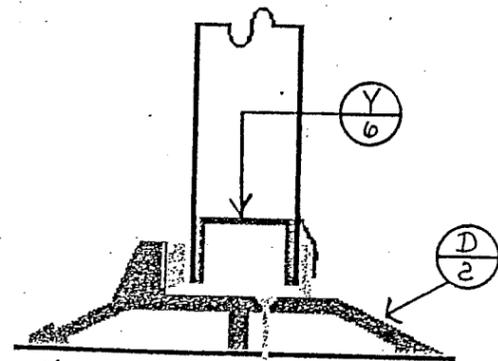


PEMKO HEAD WEATHERSTRIPING  
# 347 AND # 68

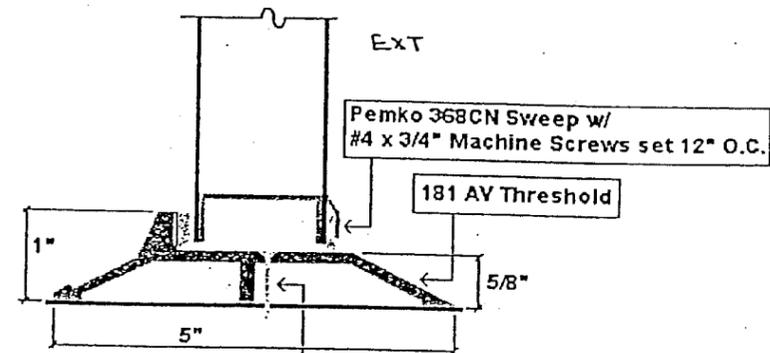


All Voids Filled with Mineral Wool  
Honeycomb, EPS (by Apache)

Vertical Z-Bar Stiffener  
Spot Weld 6" o.c.



VERT. CROSS SECTION



#10 x 2" Wood Screw w/ Shield set 12" O.C.  
[Embedded into wood 1.375" min.]

OR

3/16" x 2" Tapcon set 12" O.C.  
[Embedded Into Concrete 1 1/4" min.]

APPROVED WHERE  
WATER INFILTRATION  
REQUIREMENTS ARE  
TO BE MET.



PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 07-1211-01  
Expiration Date, JAN 30, 2013  
By Ishag I. Chanda  
Miami Dade Product Control  
Division

*[Signature]*  
PL # 63131

DWG NO. Q.E.P. 1997A 16GA. OUTSWING COMMERCIAL STEEL DOOR

QUALITY ENGINEERED PRODUCTS COMPANY, INC.

JOB: REVISION #1 6-28-00

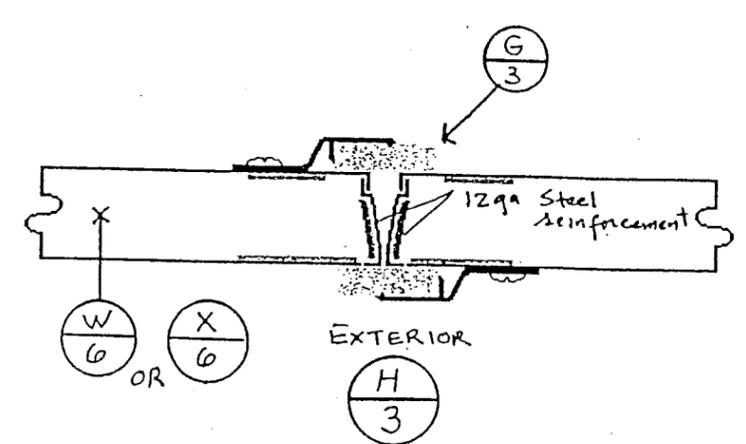
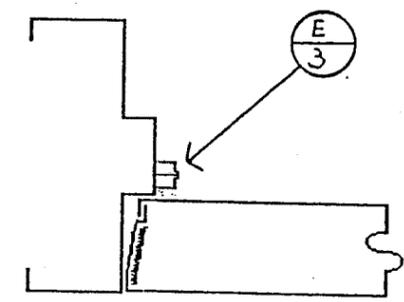
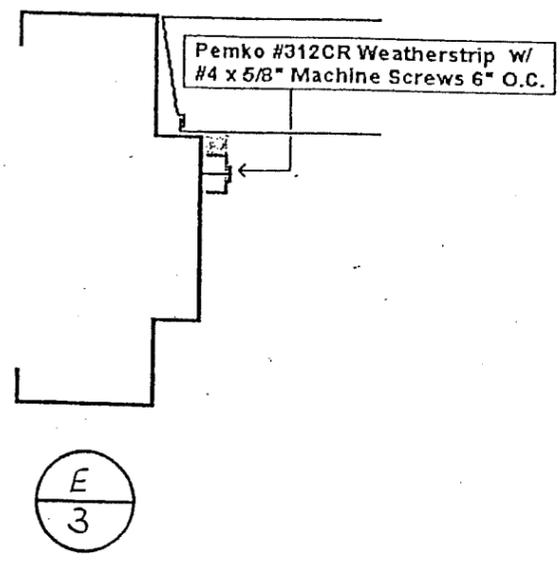
HURRICANE TEST APPROVAL

LOCATION: METRO DADE Co.

CUSTOMER: DADE Co.

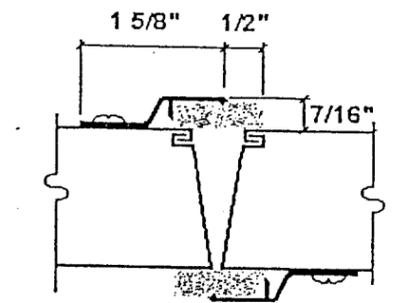
SHEET 2 OF 7

DATE:

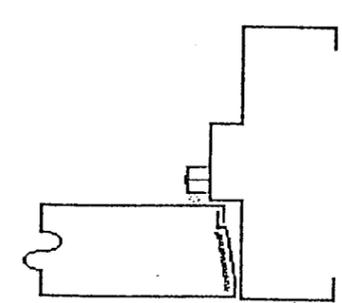
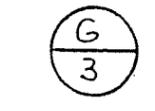


Horizontal Cross Section

\*See Pages 5 and 6 for door and frame reinforcements



PEMCO # 375CR ASTRAGAL W/  
#4 X 3/4" MACHINE SCREWS  
SET 6" ON CENTER



**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
Acceptance No. 67-1211-01  
Expiration Date JAN 30, 2013  
By Ishag I. Chanda  
Miami Dade Product Control  
Division

*[Signature]*  
JAN 30 2013

PL#63131

DWG NO. Q.E.P. 1999-A 16GA. OUTSWING COMMERCIAL STEEL DOOR

QUALITY

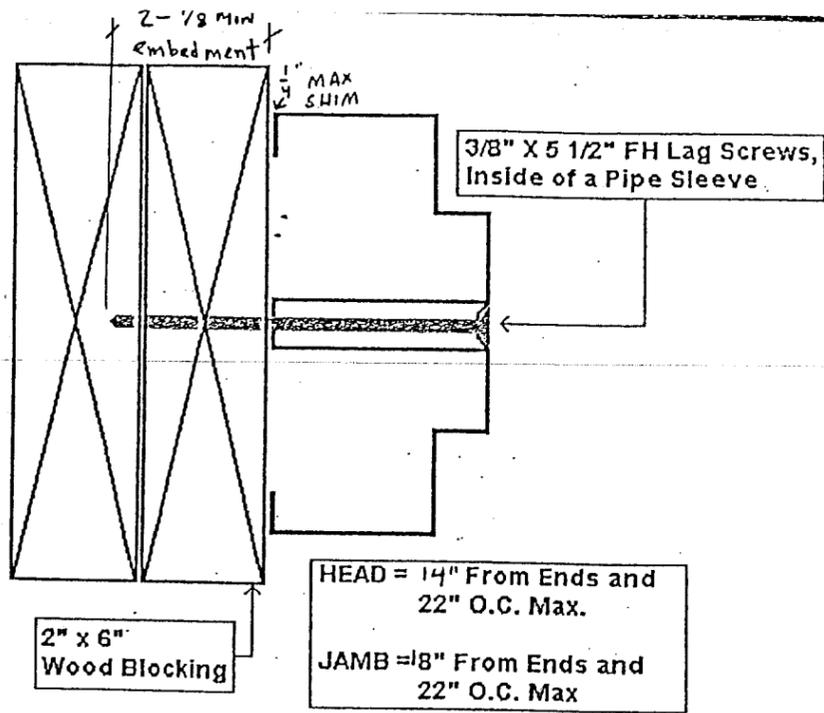
ENGINEERED

PRODUCTS

COMPANY, INC.

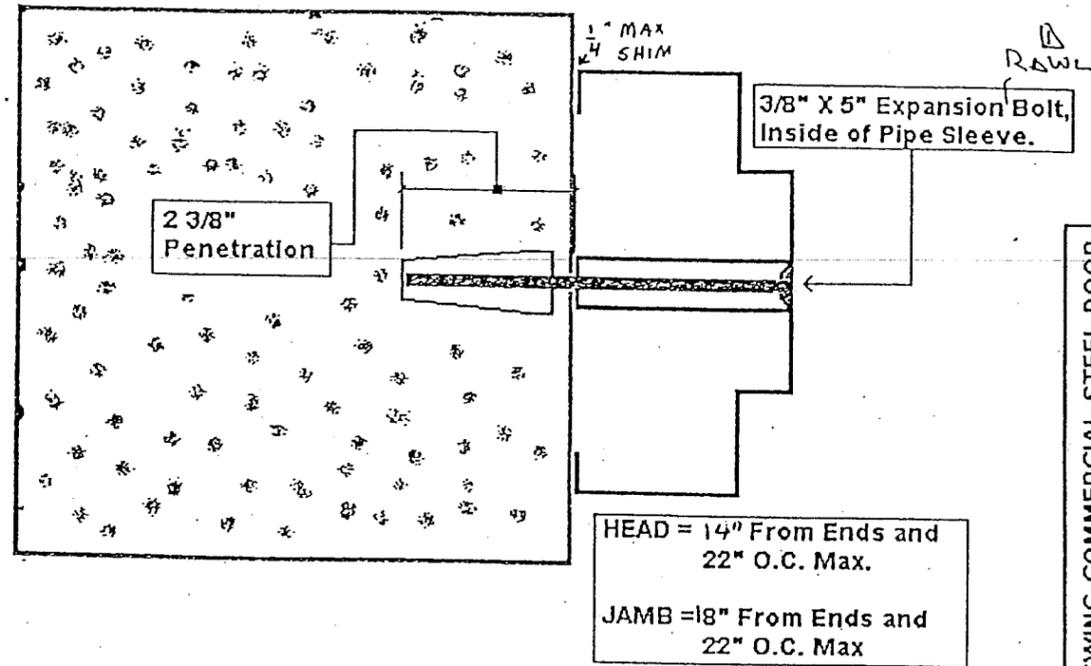
JOB: REVISION #1 6-28-00  
HURRICANE TEST APPROVAL  
LOCATION: METRO DADE CO.  
CUSTOMER: DADE CO.

SHEET 3 OF 7  
DATE:



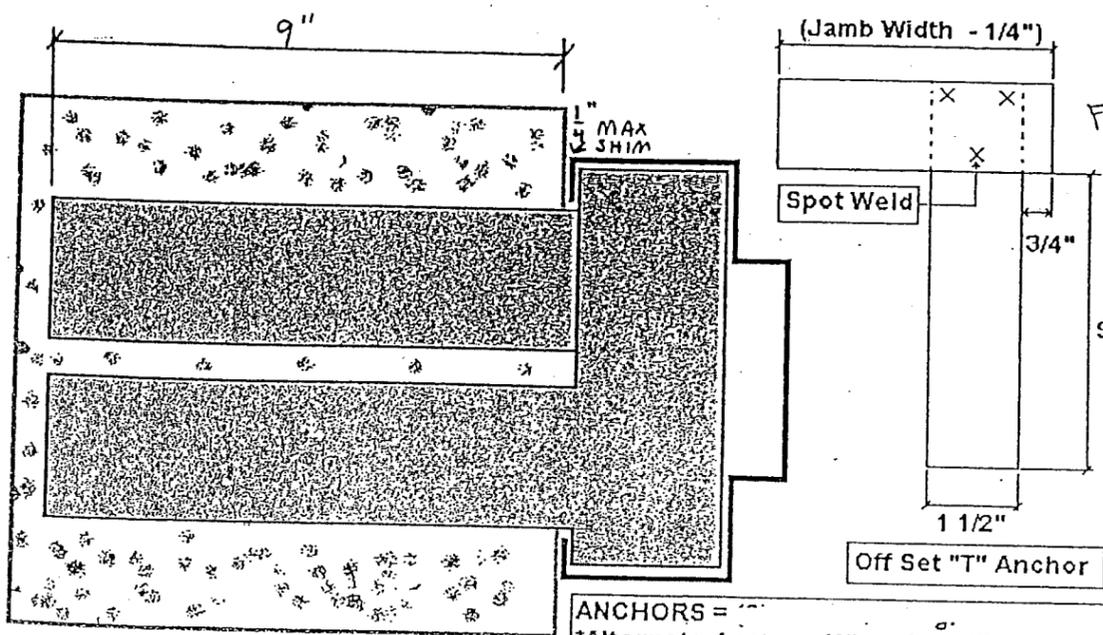
**WOOD BLOCK ANCHORING**

J  
4



**EXISTING MASONRY ANCHORING**

K  
4



**NEW MASONRY ANCHORING**

L  
4

MIN SHEAR CAPACITY  
 $F_v = 14 \text{ KSI}$   
 THICKNESS = .0625"

ANCHORS =  
 \*Alternate Anchors When Installing In Block.  
 \*Set Anchors At (SEE ELEVATION)

4 PAIR "T" ANCHORS PER JOINT B  
 SEE ELEVATION

PRODUCT RENEWED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 07-1211.01  
 Expiration Date JAN 30, 2013  
 By: Ishag I. Chandi  
 Miami Dade Product Control  
 Division

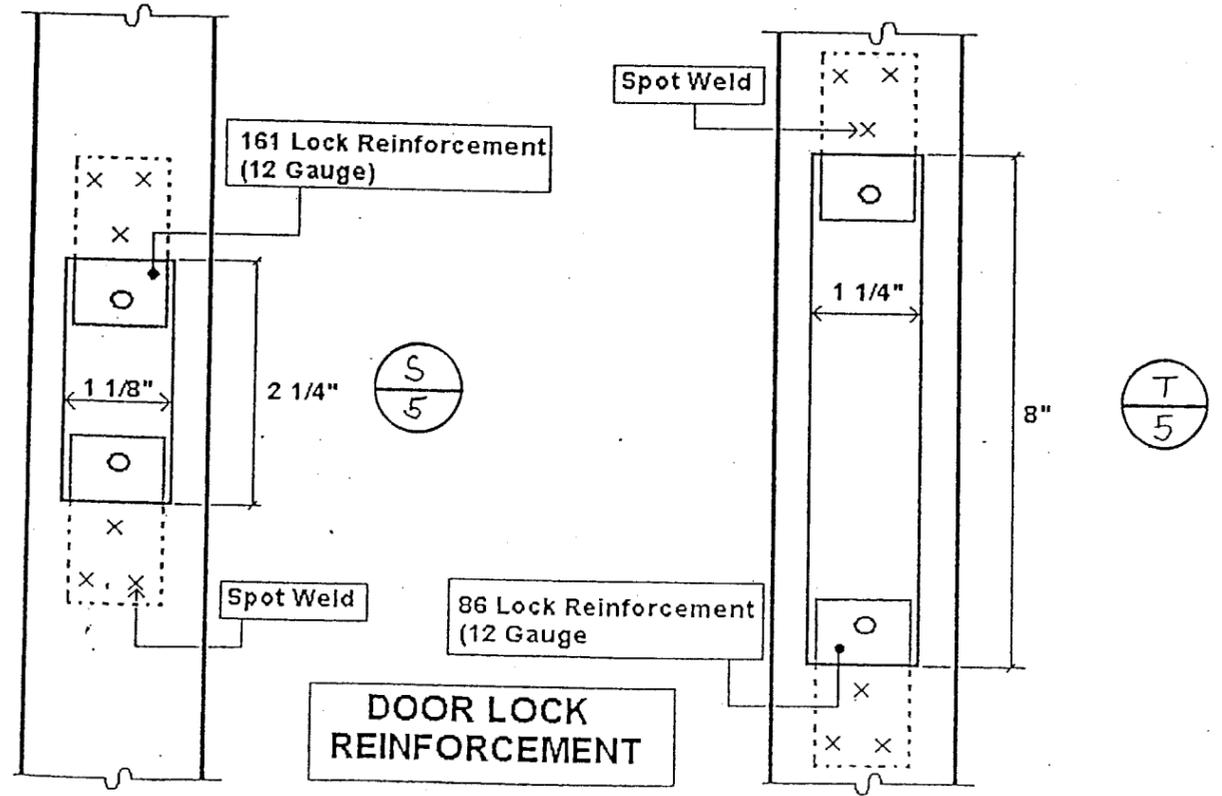
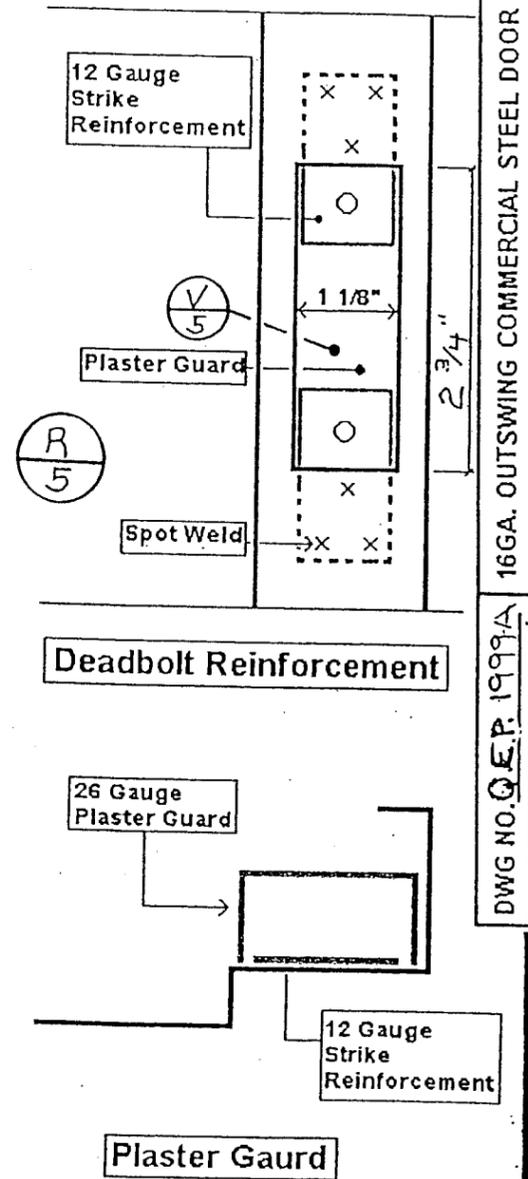
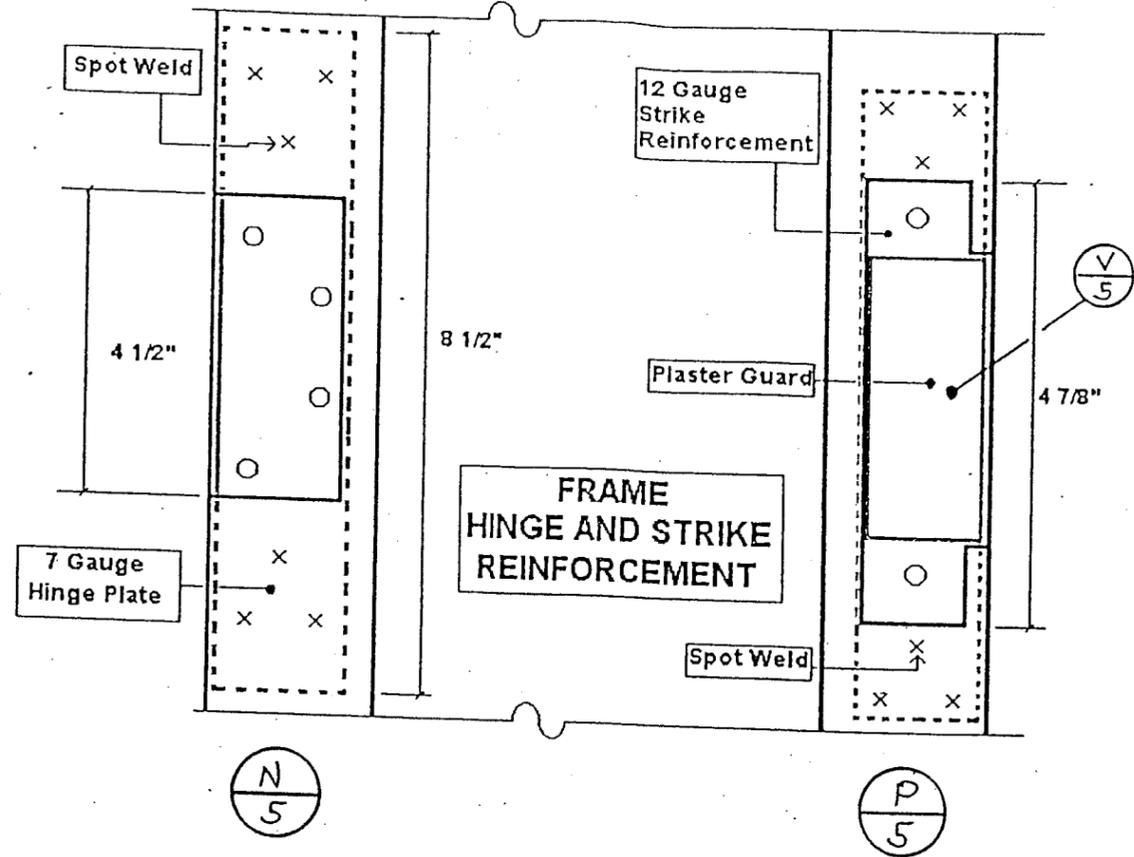
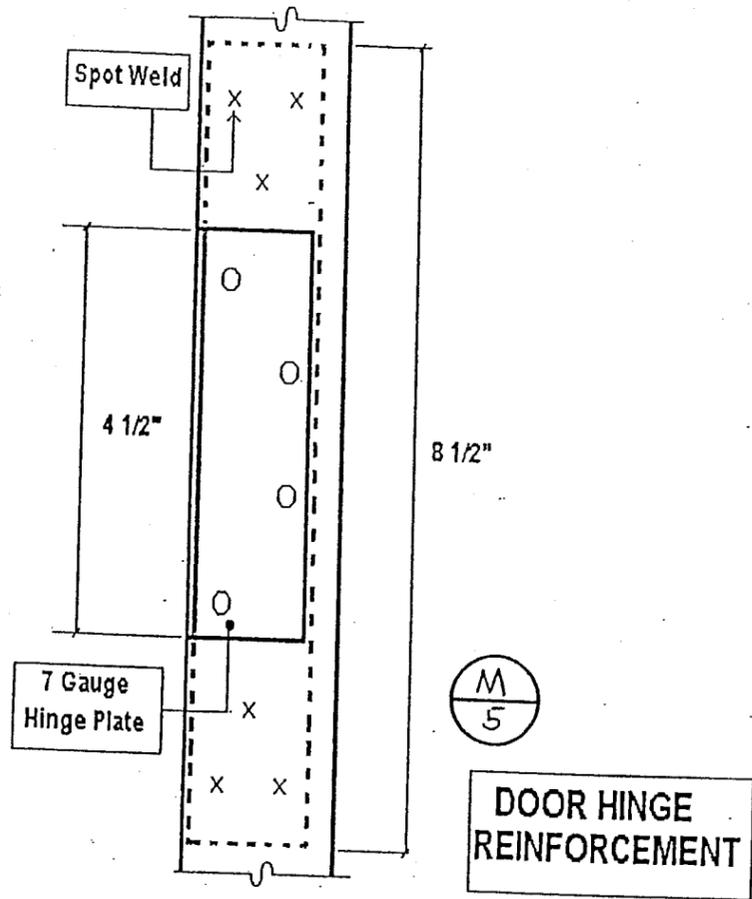
PL # 63131

DWG NO. Q.E.P.1997A 16GA. OUTSWING COMMERCIAL STEEL DOOR

JOB: REVISION #1 6-28-00  
 HURRICANE TEST APPROVAL  
 LOCATION: METRO DADE CO.  
 CUSTOMER: DADE CO.

SHEET 4 OF 7  
 DATE:

QUALITY ENGINEERED PRODUCTS COMPANY, INC.  
 H.L.C.  
 (OR H.I.T.)  
 ANCHORS



PRODUCT RENEWED  
 as complying with the Florida  
 Building Code  
 Acceptance No 07-1211.01  
 Expiration Date JAN 30, 2013  
 By Ishag I. Chant  
 Miami Dade Product Control  
 Division

FL # 63131

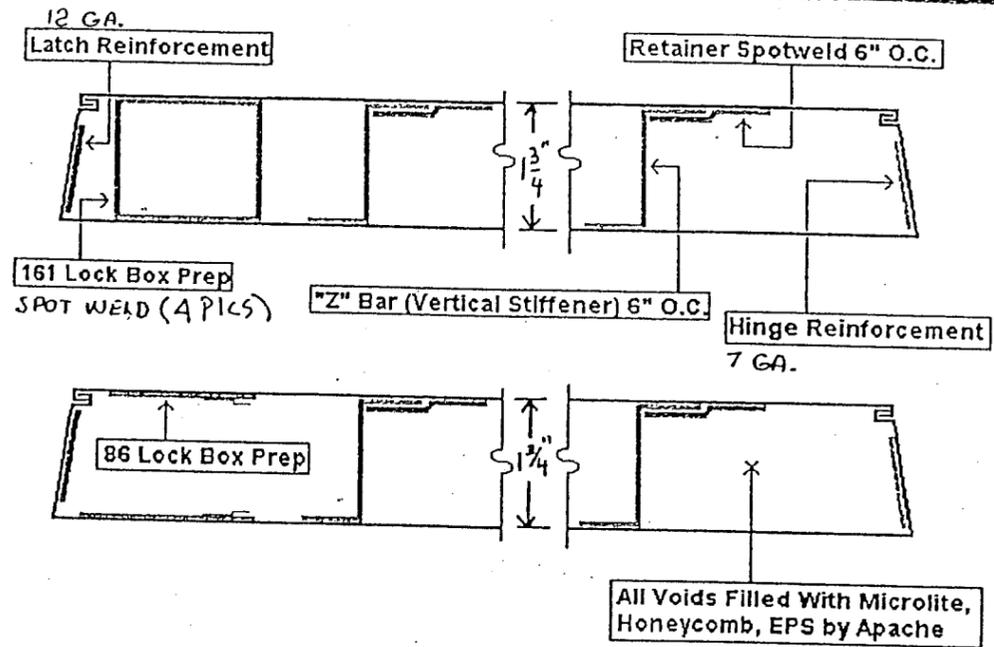
DWG NO. Q.E.P. 1999A 16GA. OUTSWING COMMERCIAL STEEL DOOR

QUALITY ENGINEERED

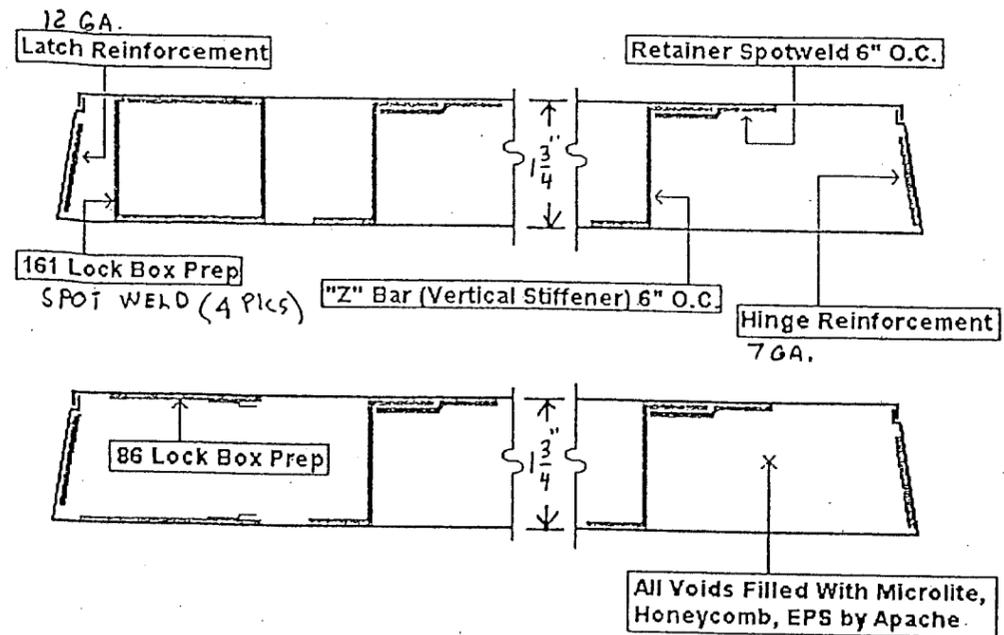
PRODUCTS COMPANY, INC.

JOB: REVISION #1 6-28-00  
 HURRICANE TEST APPROVAL  
 LOCATION: METRO DADE Co  
 CUSTOMER: DADE Co

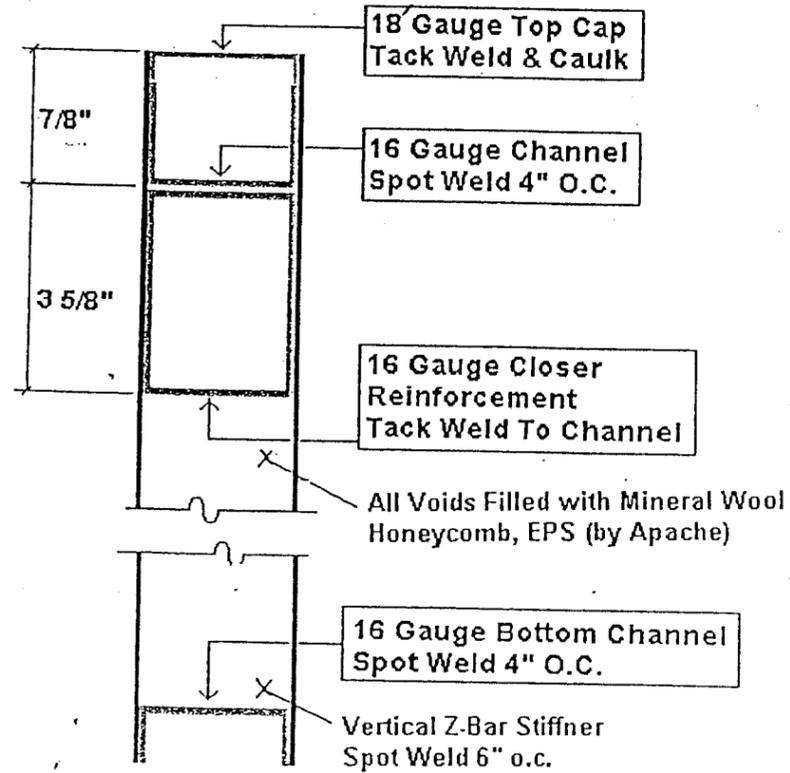
SHEET 5 OF 7  
 DATE:



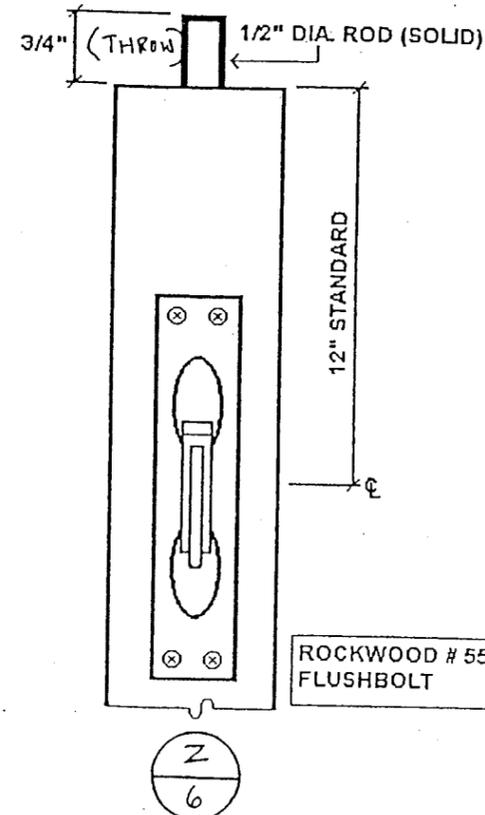
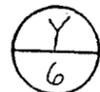
EDGE SEAM DOOR



SEAMLESS EDGE DOOR



VERTICAL DOOR SECTION



PRODUCT RENEWED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 07-1211-01  
 Expiration Date JAN 30, 2013  
 By Ishag I. Lhanda  
 Miami Dade Product Control  
 Division

*[Signature]*

JAN 30 2009

FL #63131

DWG NO. Q.E.P. 1999A 16GA. OUTSWING COMMERCIAL STEEL DOOR

JOB: REVISION #1 6-28-00

HURRICANE TEST APPROVAL

LOCATION: METRO DADE CO.

CUSTOMER: DADE CO.

QUALITY

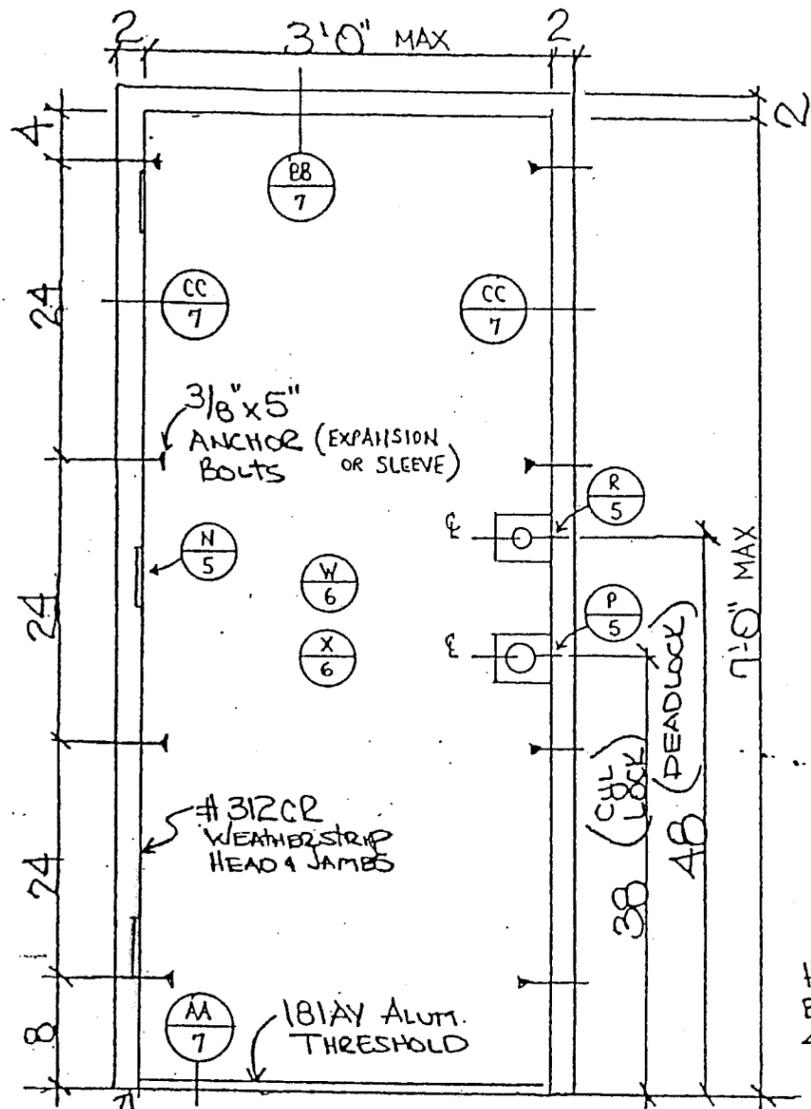
ENGINEERED

PRODUCTS

COMPANY, INC.

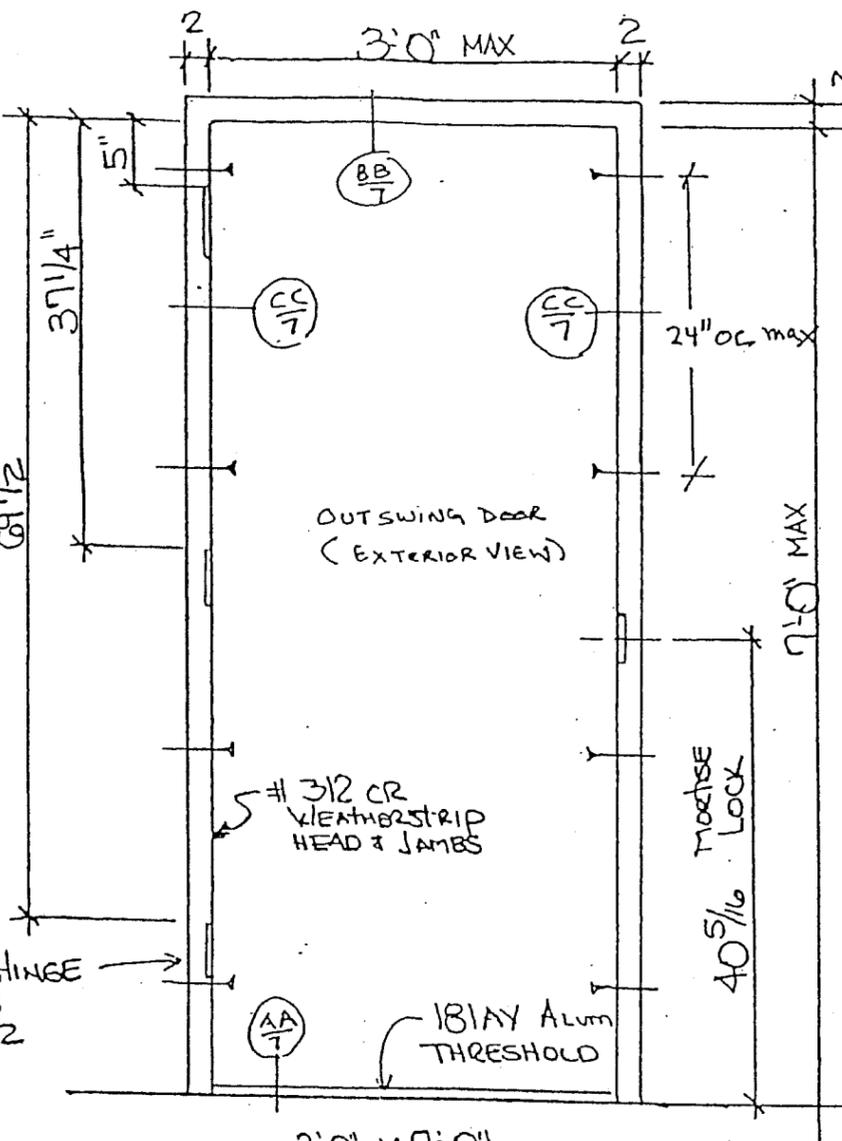
SHEET 6 OF 7

DATE:



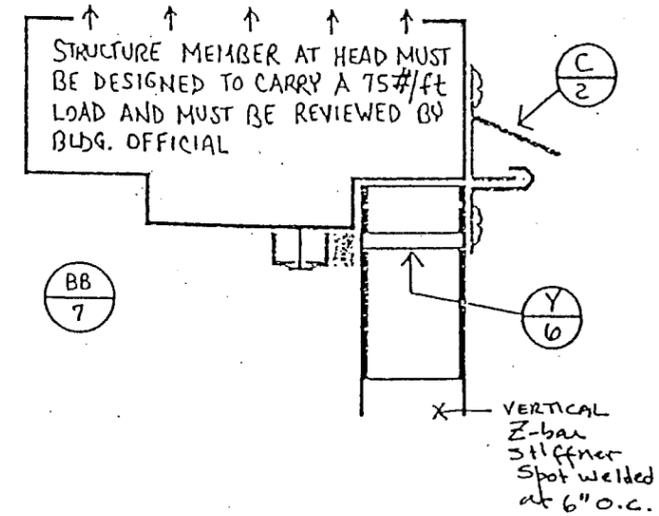
TYPICAL HINGE LOCATIONS

HAGER HINGE  
BB1279  
4 1/2 x 4 1/2  
TYP.



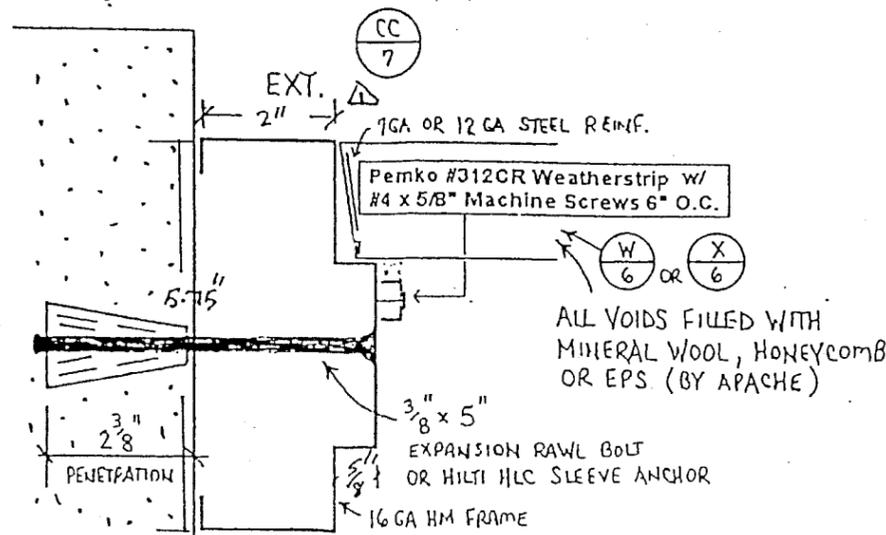
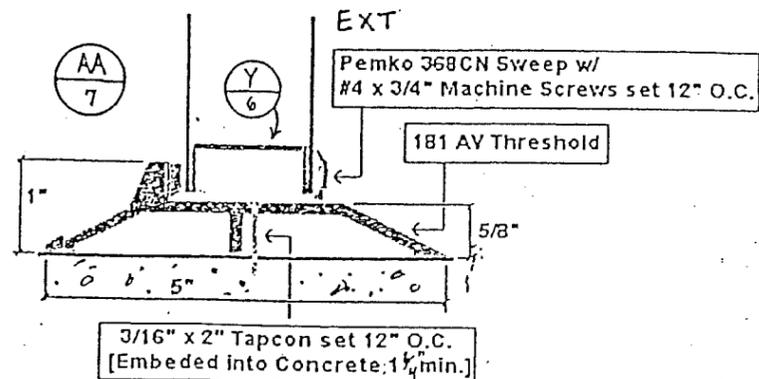
3'0" x 7'0"  
MORTISE LOCK  
(SCHLAGE L9453P)

DESIGN PRESSURE  
OUTSWING SINGLE DOOR (7'-0" max)  
+ 90 AND - 90 DESIGN  
PRESSURE



16 Gauge  
HOLLOW  
METAL  
FRAME

3'0" x 7'0"  
CYL. LOCK & DEADLOCK  
FLUSH HOLLOW METAL OUTSWINGING SINGLE DOOR  
(SCHLAGE AL53PD & B660P)



PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 07-1211.01  
Expiration Date: JAN 30, 2013  
By: Ishag I. Chande  
Miami Dade Product Control  
Division

JAN 30 2013  
FL # L3131

QEP 1999-A  
HOLLOW METAL DOORS  
ADDED 9/24/02  
QUALITY ENGINEERED PRODUCTS  
COMPANY, INC.

JOB: HURRICANE TEST APPROVALS  
LOCATION: METRO DADE COUNTY  
CUSTOMER: DRAWING NO. QEP 1999-A  
SHEET 7 OF 7  
DATE: