



**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 P.O. Box 22213  
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 High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION: 16 ga. Outswing Glazed Commercial Steel Door**

**APPROVAL DOCUMENT:** Drawing No. Q01, titled "16 ga. Outswing Glazed Commercial Steel Doors", sheets 1 through 6 of 6, dated 6/28/00, prepared by the manufacturer, 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** NOA # **00-0726.01** and consists of this page 1 and evidence pages, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



**NOA No 03-0708.02  
Expiration Date: July 11, 2008  
Approval Date: September 25, 2003  
Page 1**

**Quality Engineered Products Co., Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **Q01**, titled "16 ga. Outswing Glazed Commercial Steel Doors", sheets 1 through 6 of 6, dated 6/28/00, prepared by the manufacturer.

**B. TESTS**

***Submitted under NOA#00-0726.01***

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 20294  
3) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94  
along with installation diagram of a pair of commercial steel doors, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0050-0407-96**, dated 04/17/96 and 07/08/96, signed and sealed by Timothy S. Marshall, P.E.
2. Test reports on 1) Large Missile Impact Test per FBC, TAS 201-94  
2 Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with installation diagram of a pair of commercial steel doors, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0050-0104-96**, dated 01/15/96, signed and sealed by Timothy S. Marshall, P.E.

**C. CALCULATIONS**

***Submitted under NOA#00-0726.01***

1. Anchorage calculations prepared by C. F. Fernandez, P.E., dated 8/5/96, signed and sealed by Celestino F. Fernandez, P.E.
2. Complies with ASTM E-1300-98. (Correction made on dwgs. from temp. glass to HS) as tested.

**D. QUALITY ASSURANCE**

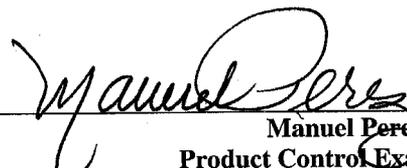
1. Miami Dade Building Code Compliance Office (BCCO).

**E. MATERIAL CERTIFICATIONS**

1. Notice of Proposed Action No. **01-0205.02**, issued to Solutia, Inc. for their Saflex / Keepsafe Maximum, approved on 5/17/01 and expiring on 5/21/06.
2. Tensile Test prepared by QC Metallurgical, Inc., Report No. QCM-6IM-2270 dated September 19, 1996, for steel samples, tested per ASTM E8-93, signed and sealed by James W. Roese, P.E.

**F. STATEMENTS**

1. None

  
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Manuel Perez, P.E.  
Product Control Examiner  
NOA No 03-0708.02  
Expiration Date: July 11, 2008  
Approval Date: September 25, 2003

**Quality Engineered Products Co., Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

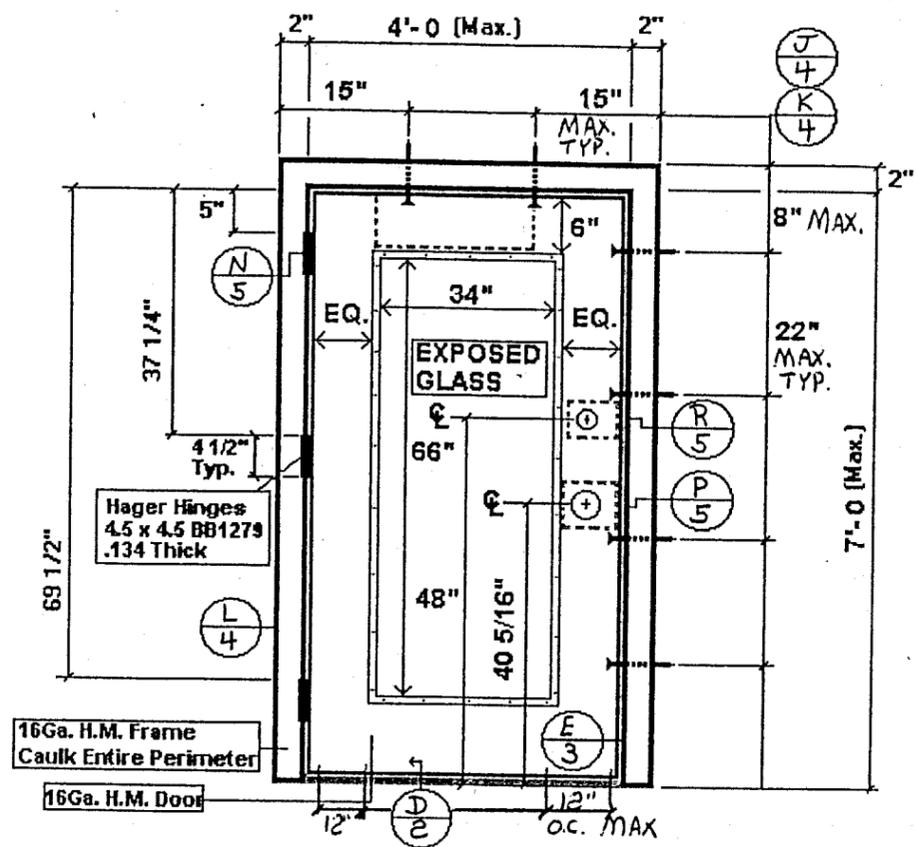
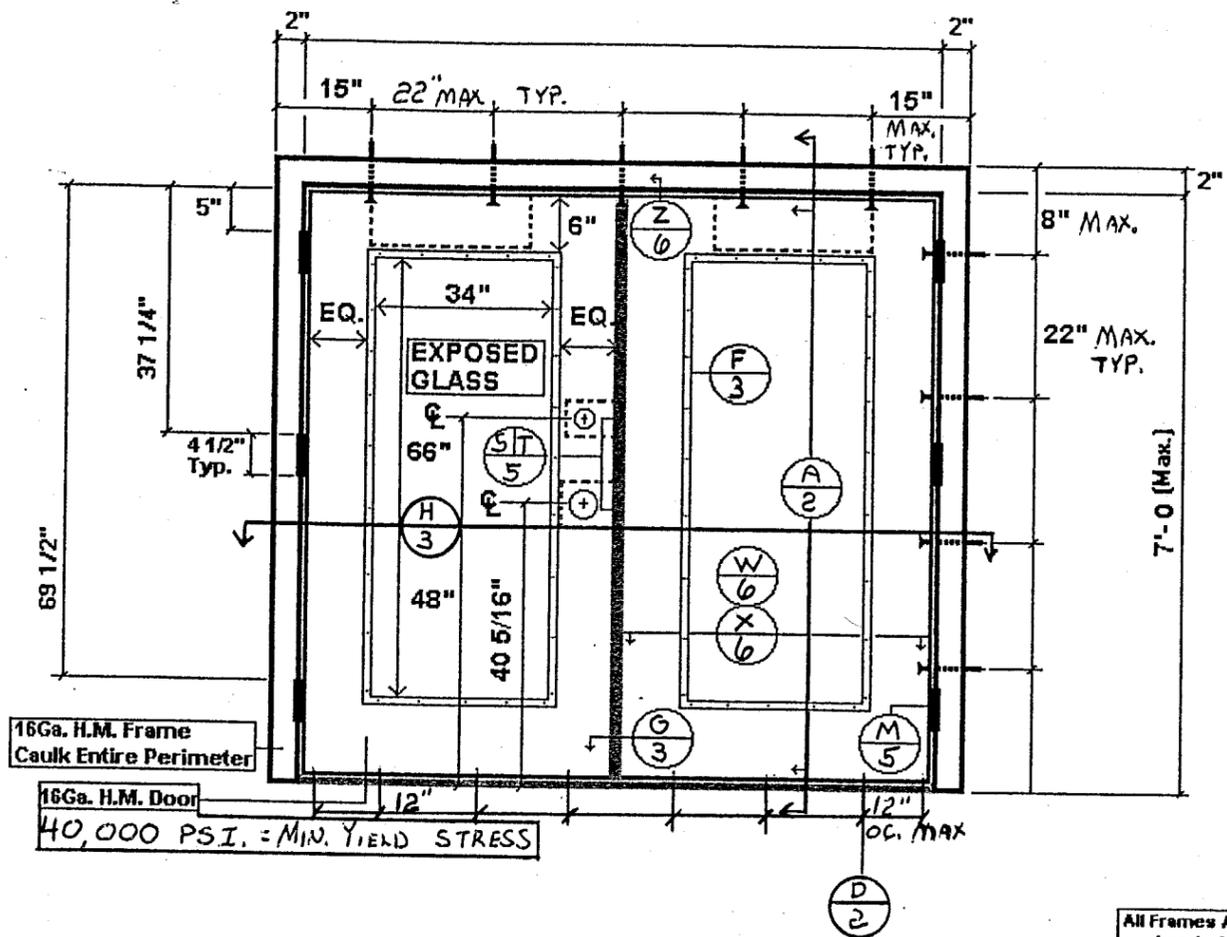
**G. OTHER**

1. Notice of Acceptance No. **00-0726.01** issued to Quality Engineered Products Co., Inc., for their 16 ga. Outswing Glazed Commercial Steel Doors, approved on 02/01/01 and expiring on 7/11/03.
2. Test performed under original file (#.96-0809.01):

TEST	TEST LOADS	DESIGN LOADS
AIR INFILTRATION @ 1.57 PSF SFBC PA 202-94 (1.25 CFM/FT <sup>2</sup> )	0.057 CFM/FT <sup>2</sup> HTL-0050- 0407-96	-----
AIR INFILTRATION @ 6.24 PSF SFBC PA 202-94	0.058 CFM/FT <sup>2</sup> HTL-0050- 0407-96	-----
UNIFORM STATIC PRESSURE @ DESIGN LOAD SFBC PA 202-94 POSITIVE	+60.0 PSF HTL-0050- 0407-96	+60.0 PSF HTL-0050- 0407-96
UNIFORM STATIC PRESSURE @ DESIGN LOAD SFBC PA 202-94 NEGATIVE	-50.0 PSF HTL-0050- 0407-96	-50.0 PSF HTL-0050- 0407-96
WATER RESISTANCE (PSF) SFBC PA 202-94	+6.0 PSF HTL-0050- 0407-96	+40.0 PSF HTL-0050- 0407-96
UNIFORM STATIC AIR PRESSURE @ FULL TEST LOAD SFBC PA 202-94 POSITIVE	+90.0 PSF HTL-0050- 0407-96	+60.0 PSF HTL-0050- 0407-96
UNIFORM STATIC AIR PRESSURE @ FULL TEST LOAD SFBC PA 202-94 NEGATIVE	-75.0 PSF HTL-0050- 0407-96	-50.0 PSF HTL-0050- 0407-96
FORCED-ENTRY RESISTANCE (FER) SFBC Section 3603.02 and SFBC PA 202-94	SATISFACTORY HTL-0050- 0407-96	-----
LARGE MISSILE IMPACT TEST SFBC PA 201-94	SATISFACTORY HTL-0050- 0104-96	-----
CYCLIC WIND PRESSURE TEST SFBC PA 203-94 POSITIVE	+60.0 PSF HTL-0050- 0104-96	+60.0 PSF HTL-0050- 0104-96
CYCLIC WIND PRESSURE TEST SFBC PA 203-94 NEGATIVE	-50.0 PSF HTL-0050- 0104-96	-50.0 PSF HTL-0050- 0104-96
<b>Design Pressure Rating (Positive)</b>		<b>+40.0 PSF</b>
<b>Design Pressure Rating (Negative)</b>		<b>-50.0 PSF</b>

  
 Manuel Perez, P.E.  
 Product Control Examiner

NOA No 03-0708.02  
 Expiration Date: July 11, 2008  
 Approval Date: September 25, 2003



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

LOCK FUCTIONS TESTED:  
ARROW  
SERIES D-41 DEADBOLT

DESIGN PRESSURE RATING  
+ 40 PSF    - 50 PSF

PRODUCT RENEWED  
as complying with the Florida Building Code  
Acceptance No. 03-0708.02  
Expiration Date JULY 11, 2008  
By *Maunell Jerez*  
Miami Dade Product Control Division

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
DATE February 01, 2001  
BY *Maunell Jerez*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0726-01

HURRICANE PROTECTION SHUTTERS ARE NOT REQUIRED

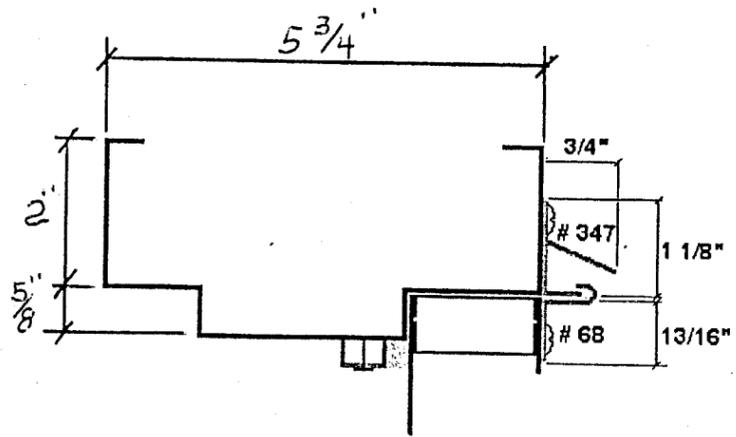
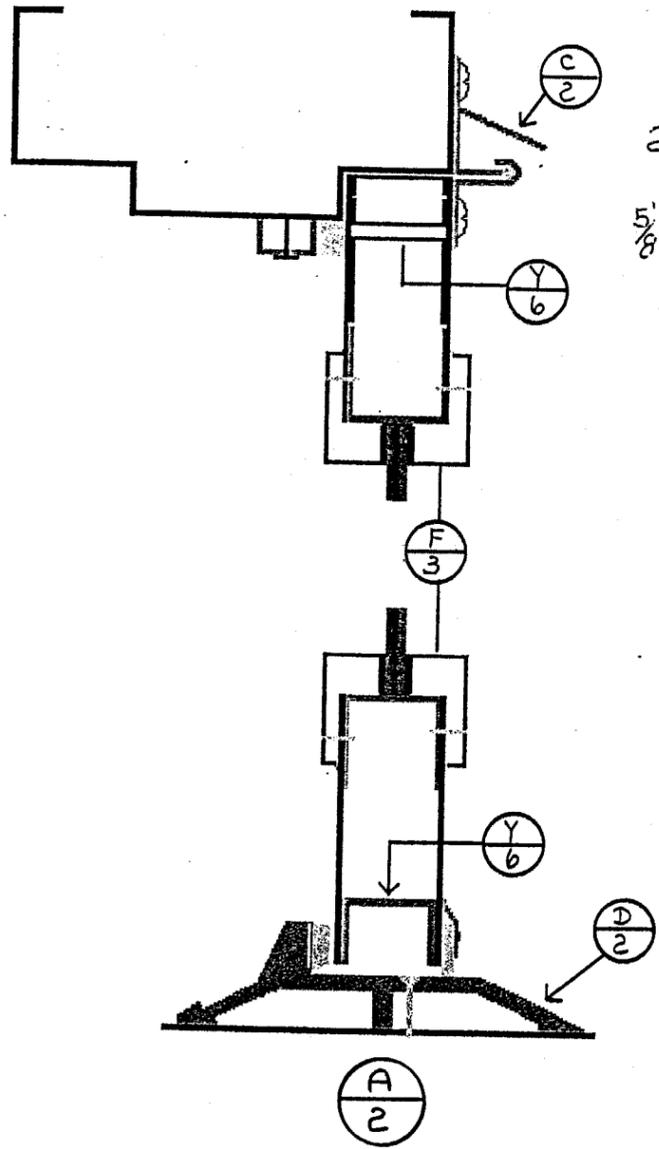
DWG NO. Q01 16GA. OUTSWING GLAZED COMMERCIAL STEEL DOOR

QUALITY ENGINEERED PRODUCTS COMPANY, INC.

JOB: REVISION #1  
HURRICANE TEST APPROVAL  
LOCATION: METRO DADE Co.  
CUSTOMER: DADE Co. # 96-0809-01

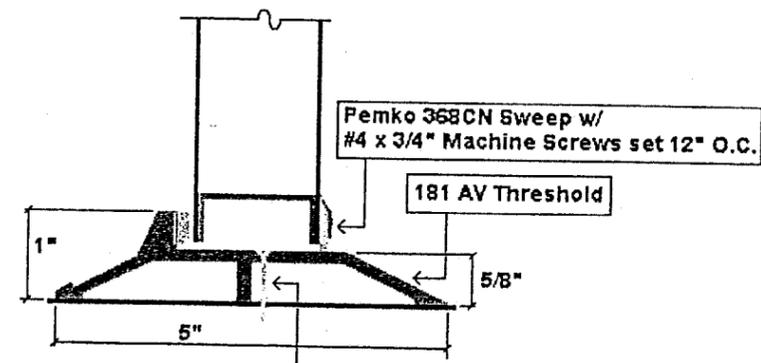
APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
DATE February 01, 2001  
BY *Maunell Jerez*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0726-01

SHEET 1 OF 6  
DATE: 6-28-00



PEMKO HEAD WEATHERSTRIPING  
# 347 AND # 68

C  
2



#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" min.]

D  
2

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 03-0708.02  
Expiration Date JULY 11, 2008  
By Mmanuel Perez  
Miami Dade Product Control  
Division

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE February 01, 2001  
BY Mmanuel Perez  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0726.01

DWG NO. Q01 16GA. OUTSWING GLAZED COMMERCIAL STEEL DOOR

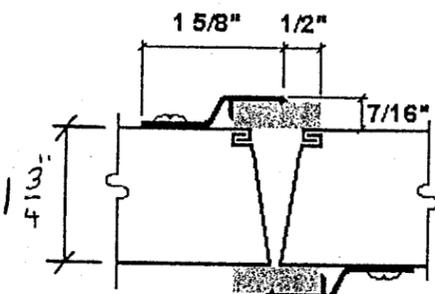
QUALITY ENGINEERED PRODUCTS COMPANY, INC.

JOB: REVISION #1  
HURRICANE TEST APPROVAL  
LOCATION: METRO DADE Co.  
CUSTOMER: DADE Co. #96-0809-01

SHEET 2 OF 6  
DATE: 6-28-00

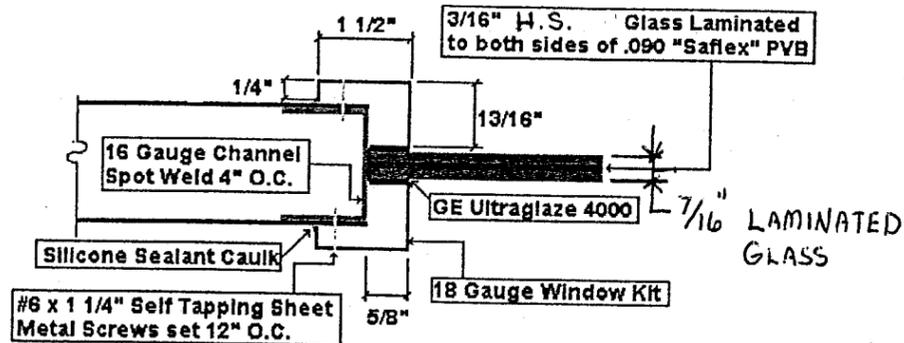
Pemko #312CR Weatherstrip w/  
#4 x 5/8" Machine Screws 6" O.C.

F  
3



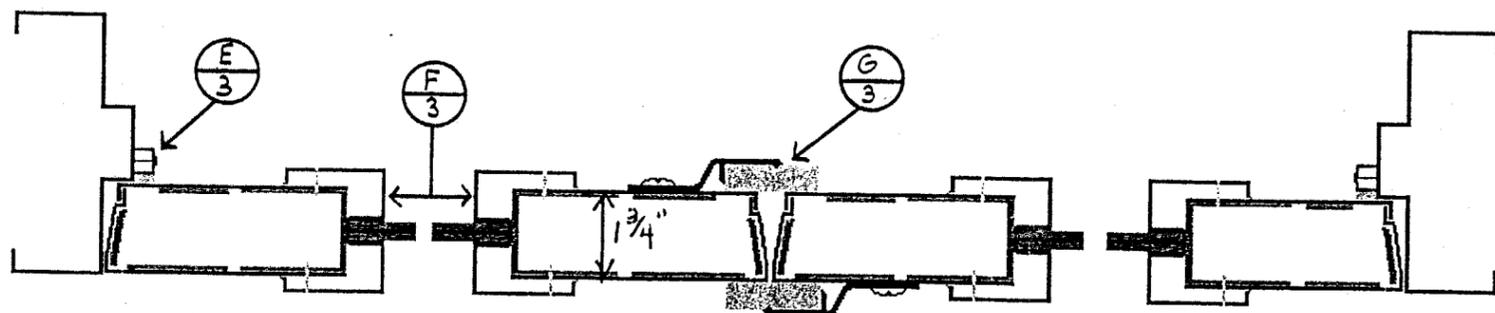
PEMKO # 375CR ASTRAGAL W/  
#4 X 3/4" MACHINE SCREWS  
SET 6" ON CENTER

G  
3



WINDOW KIT

F  
3



H  
3

DWG NO. Q01 16GA. OUTSWING GLAZED COMMERCIAL STEEL DOOR

QUALITY

ENGINEERED

PRODUCTS

COMPANY, INC.

JOB: REVISION #1

HURRICANE TEST APPROVAL

LOCATION:

METRO DADE Co.

CUSTOMER: DADE Co. # 96-0809-01

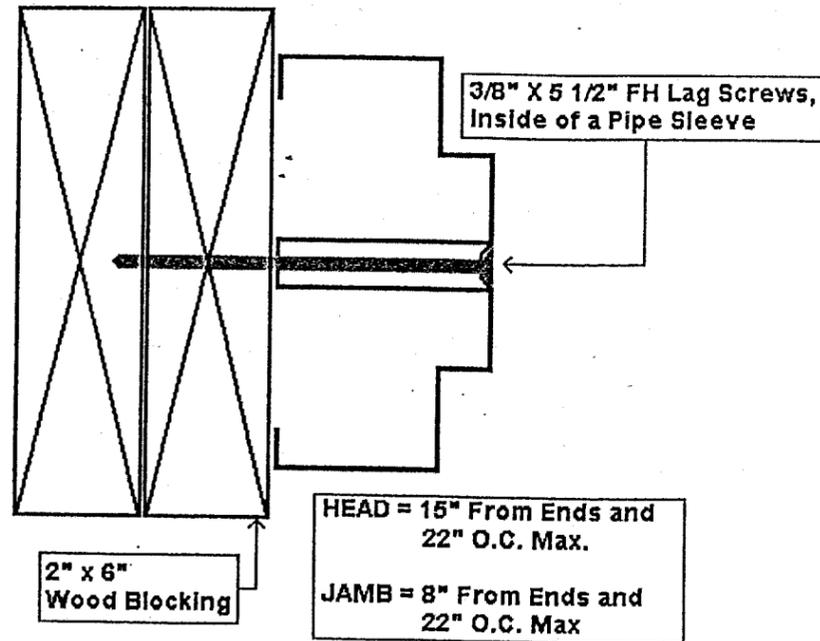
APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE February 01, 2001  
BY Manuel Perry  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0726-01

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No 03-0708-02  
Expiration Date JULY 11, 2008

By Manuel Perry  
Miami Dade Product Control  
Division

SHEET 3 OF 6

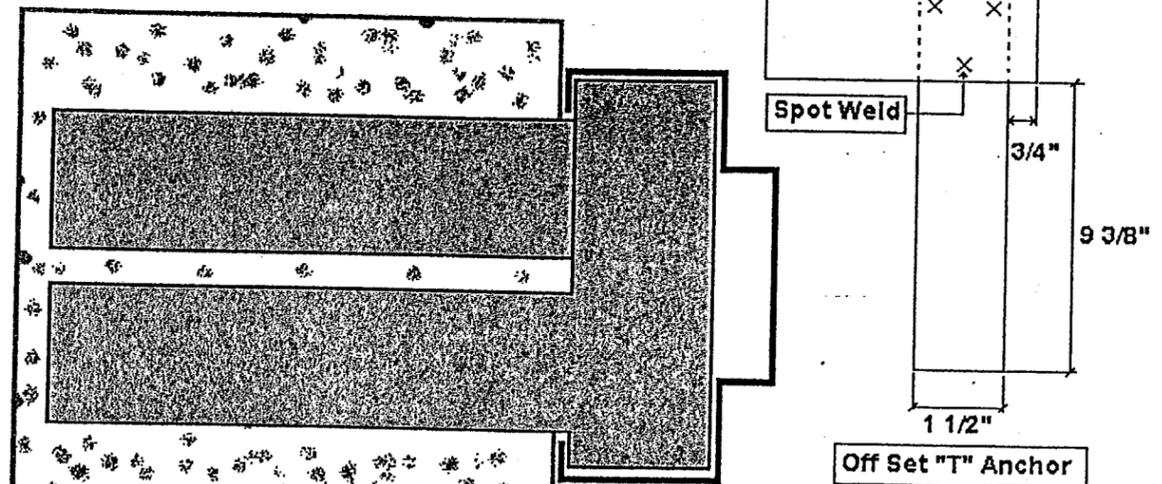
DATE: 6-28-00



**WOOD BLOCK ANCHORING**

J  
4

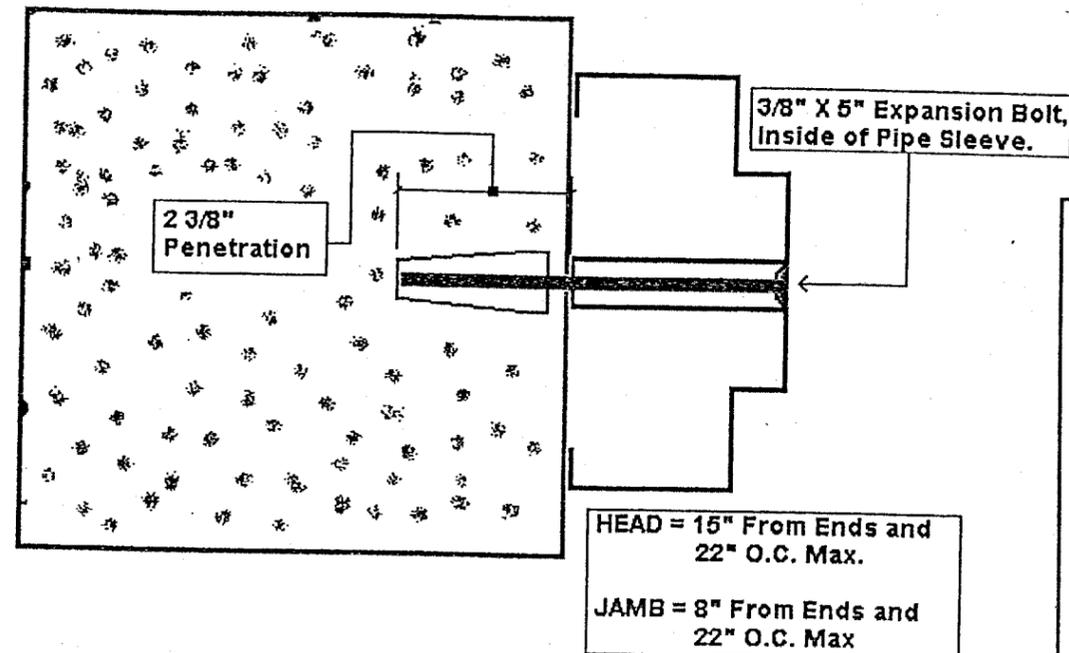
When using new masonry anchoring, there are no anchors required at head, and that sill anchors are the same as when using existing masonry anchoring.



ANCHORS = (6) Per Jamb Leg.  
 \*Alternate Anchors When Installing In Block.  
 \*Set Anchors At 6", 40", 70" From Top Of Frame.

**NEW MASONRY ANCHORING**

L  
4



**EXISTING MASONRY ANCHORING**

K  
4

PRODUCT RENEWED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 03-0708.02  
 Expiration Date. JULY 11, 2008  
 By Manuel Perez  
 Miami Dade Product Control  
 Division

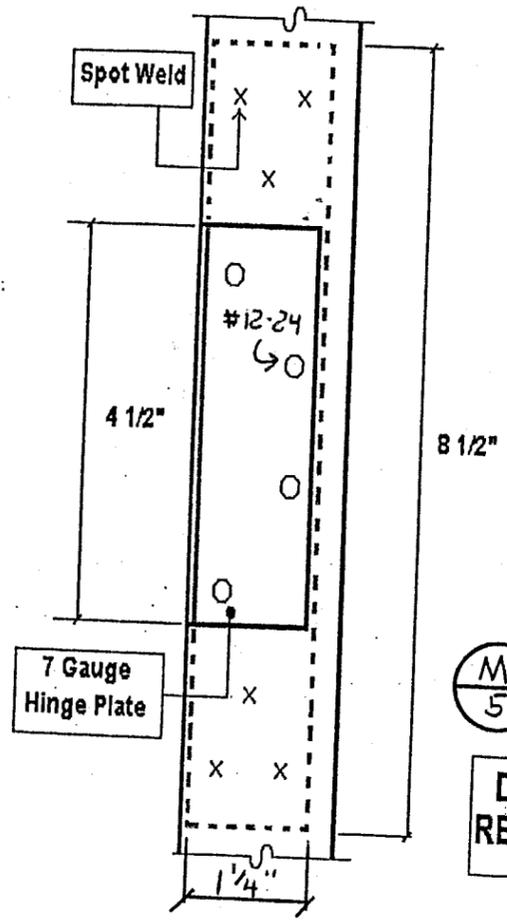
APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE February 01, 2001  
 BY Manuel Perez  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 00-0726.01

DWG NO. Q.01 16GA. OUTSWING GLAZED COMMERCIAL STEEL DOOR

JOB: REVISION # 1  
 HURRICANE TEST APPROVAL  
 LOCATION: METRO DADE Co.  
 CUSTOMER: DADE Co. # 96-0809-01

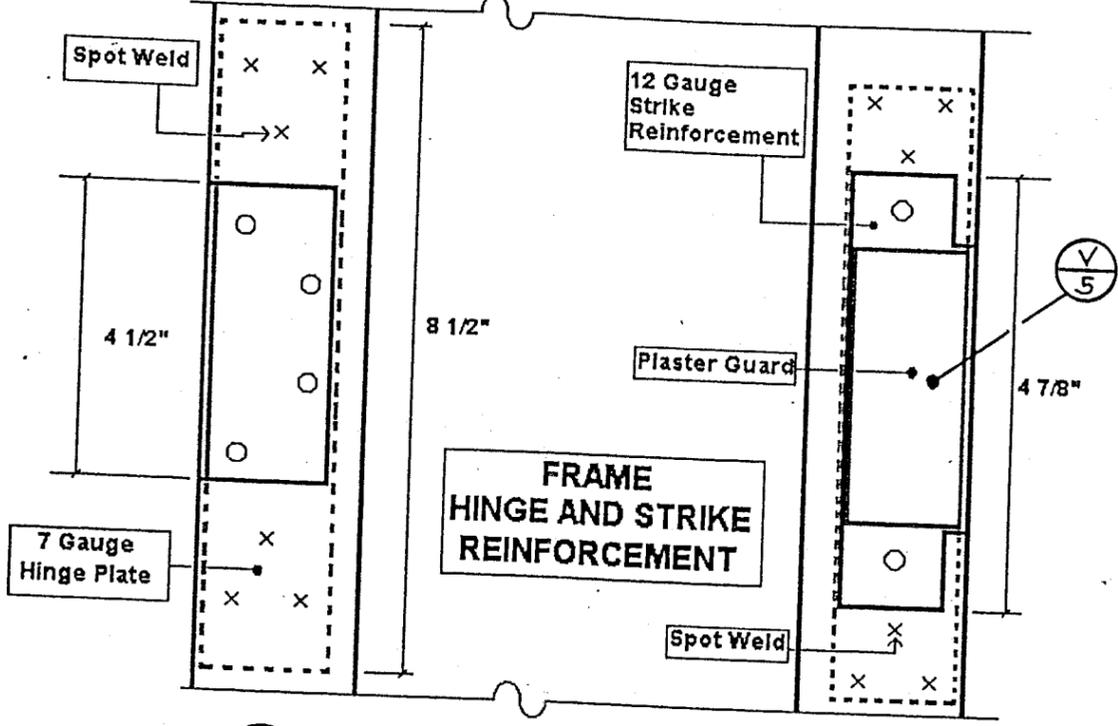
SHEET 4 OF 6  
 DATE: 6-28-00

QUALITY ENGINEERED PRODUCTS COMPANY, INC.



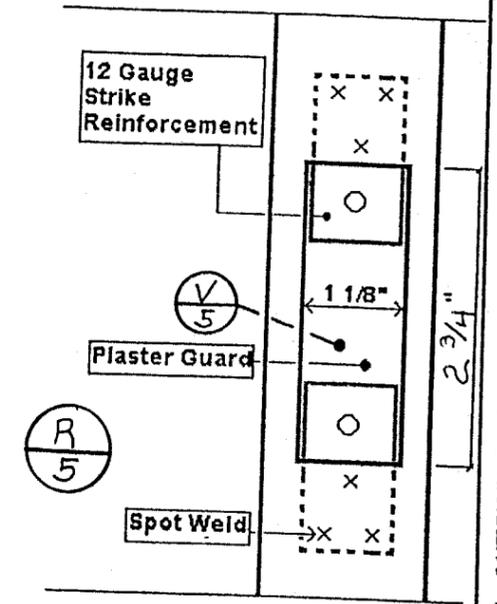
M  
5

DOOR HINGE REINFORCEMENT



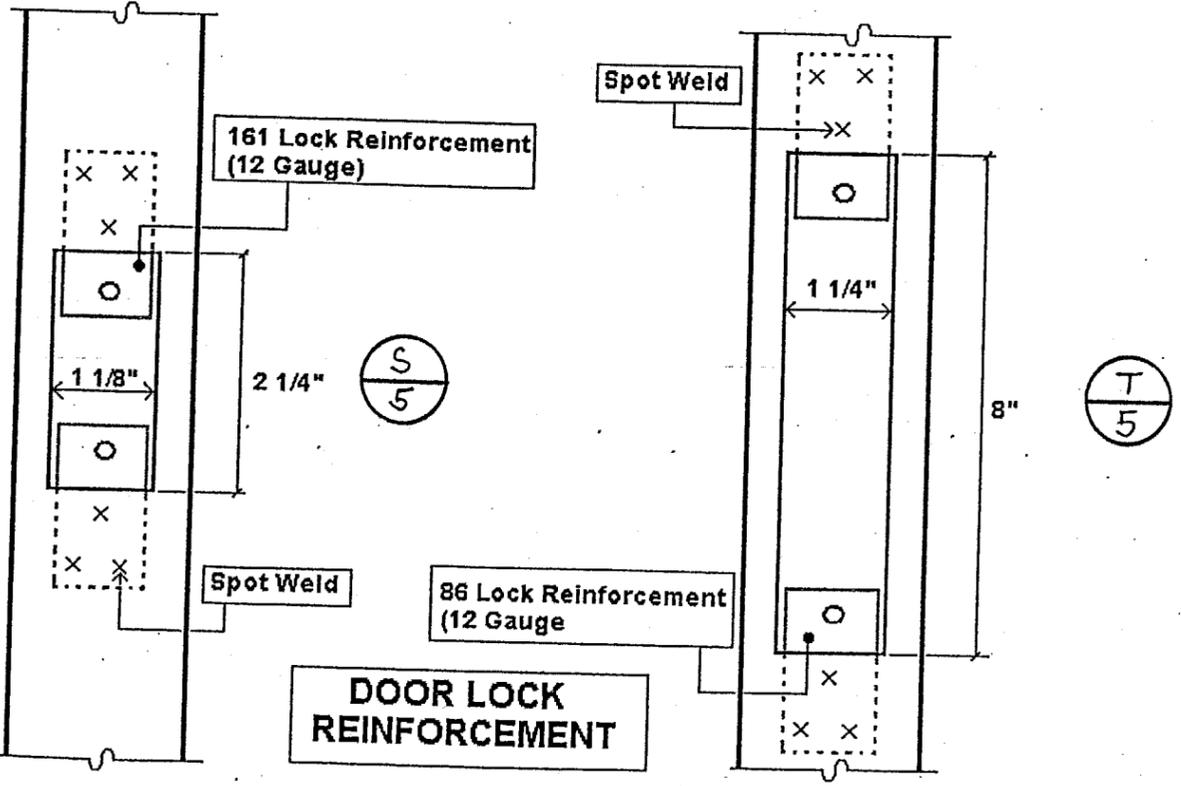
N  
5

FRAME HINGE AND STRIKE REINFORCEMENT



R  
5

Deadbolt Reinforcement



S  
5

DOOR LOCK REINFORCEMENT

T  
5

DWG NO. QO1 16GA. OUTSWING GLAZED COMMERCIAL STEEL DOOR

QUALITY ENGINEERED PRODUCTS

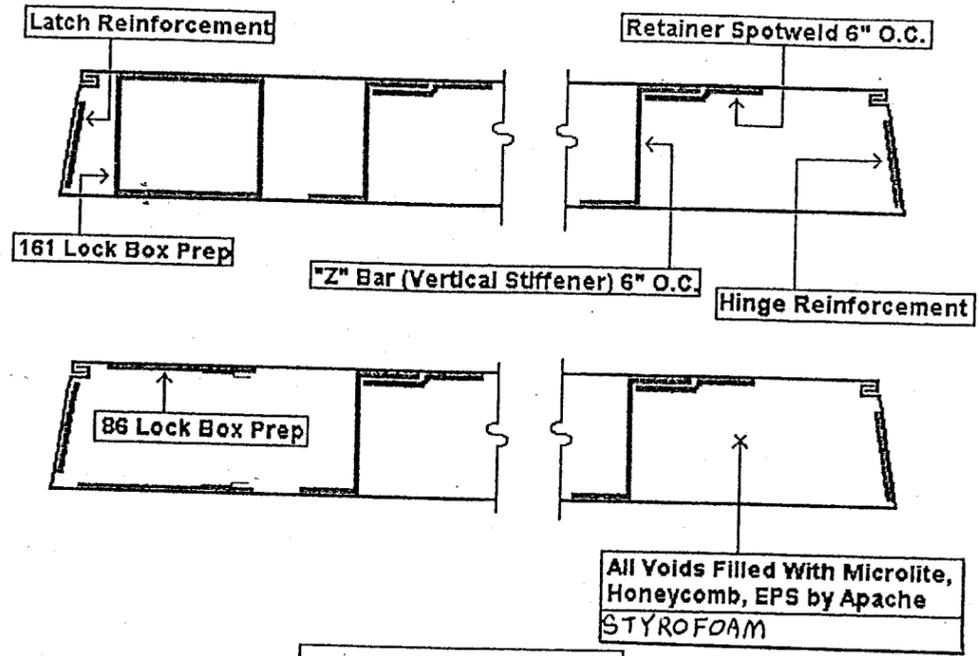
COMPANY, INC.

PRODUCT RENEWED as complying with the Florida Building Code  
 Acceptance No. 03-0708.02  
 Expiration Date JULY 11, 2008  
 By Manuel Perez  
 Miami Dade Product Control Division

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
 DATE February 01, 2001  
 BY Manuel Perez  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 00-0724.01

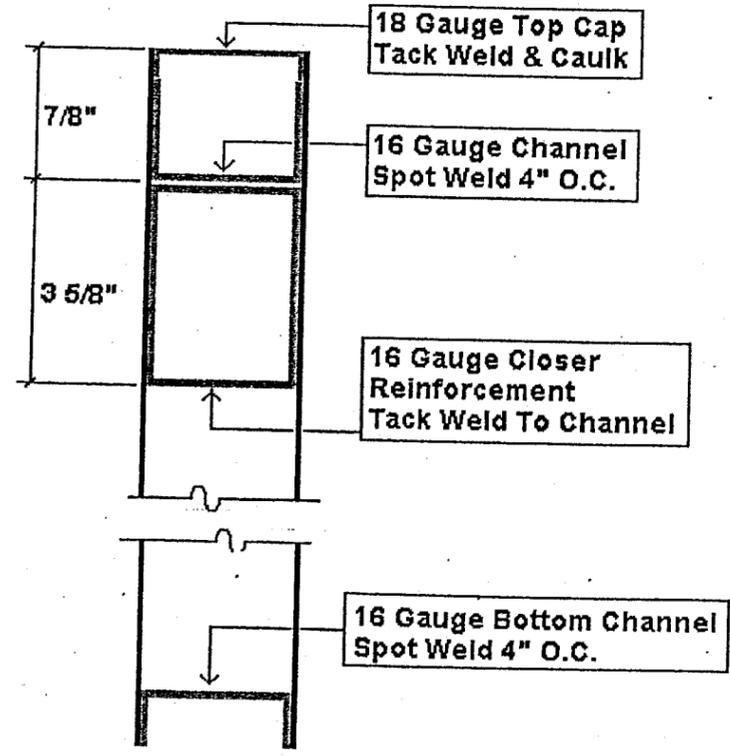
JOB: REVISION #1  
 HURRICANE TEST APPROVAL  
 LOCATION: METRO DADE Co.  
 CUSTOMER: DADE Co. #96-0809-01

SHEET 5 OF 6  
 DATE: 6-28-00



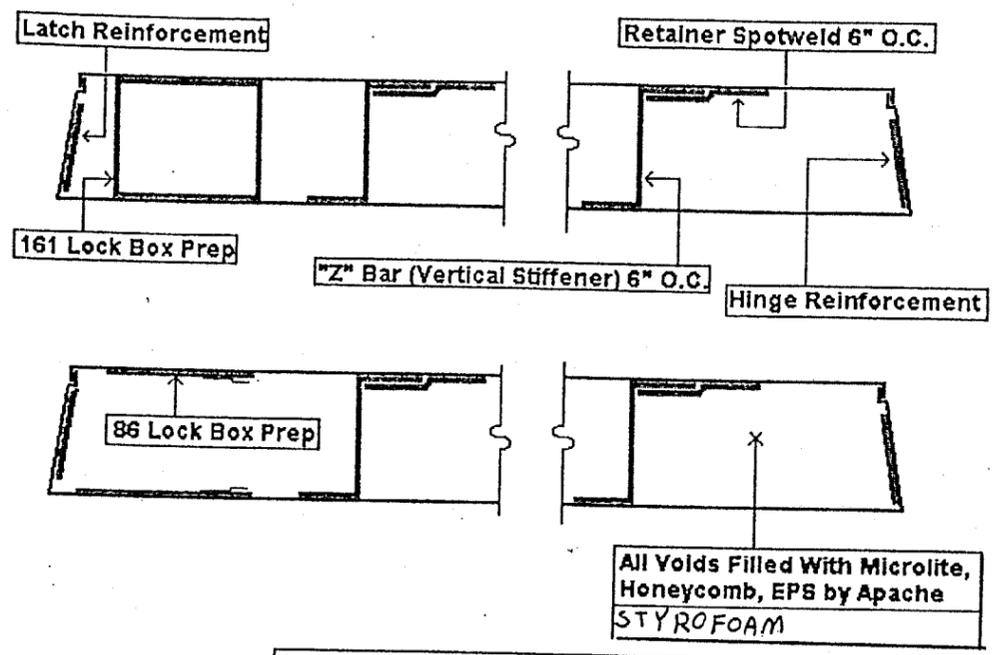
EDGE SEAM DOOR

W  
6



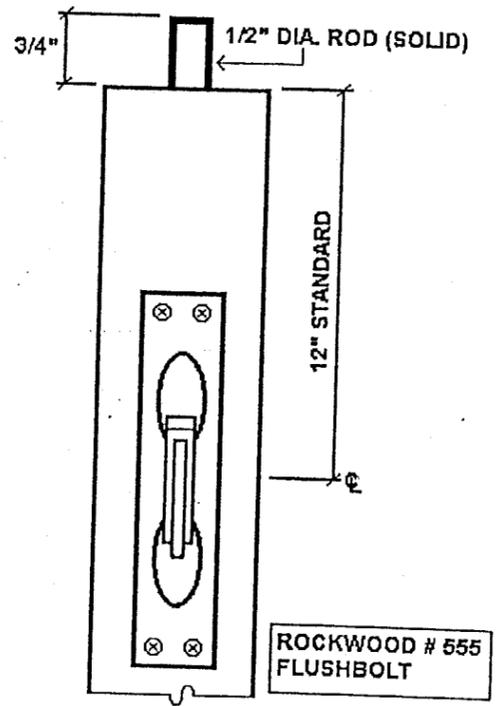
VERTICAL DOOR SECTION

Y  
6



SEAMLESS EDGE DOOR

X  
6



Z  
6

DWG NO. Q.01 16GA. OUTSWING GLAZED COMMERCIAL STEEL DOOR

QUALITY

ENGINEERED

PRODUCTS

COMPANY, INC.

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 03-0708.02  
Expiration Date JULY 11, 2008  
By *Manuel Perez*  
Miami Dade Product Control  
Division

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE *February 01, 2001*  
BY *Manuel Perez*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0726.01

JOB: REVISION #1  
HURRICANE TEST APPROVAL  
LOCATION: METRO DADE CO.  
CUSTOMER: DADE CO. #96-0807-01

SHEET 6 OF 6

DATE: 6-28-00