



**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 01-03-03, bearing the Miami-Dade County Product Control Revision 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 revises 02-0327.06 consists of this page 1 as well as approval document mentioned above.

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



**NOA No 02-1011.05
Expiration Date: January 30, 2008
Approval Date: January 30, 2003
Page 1**

Quality Engineered product Co. Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

DRAWINGS

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 01-03-03.

B. TESTS (original report in file #97-1023.06)

1. Test Report No. **0050-0311-97 and 0050-0518-97**, prepared by Hurricane Test Laboratory Inc., dated 03/18/97 thru 05/21/97, 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 202-94

along with manufacturer's parts and section drawings marked by Hurricane Test Laboratory Inc.

2. Additional test report No. **CTLA-403W** for single steel commercial door, issued by certified testing Lab dated July 25, 2000 per PA 201-202 and 203, signed & sealed by Ramesh Patel, P. E.

C. CALCULATIONS (original documents in file #97-1023.06)

1. Anchor calculations, dated 01/05/1999, prepared, signed and sealed by C. F. Fernandez, P.E.

D. MATERIAL CERTIFICATIONS (original documents in file #97-1023.06)

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. 95-0626.01 issued to Apache Products Company for "EPS-Expanded Polystyrene Insulation" dated 01/11/96, expiring on 01/11/99.
3. Notice of Acceptance No. 01-1108.09 issued to Apache Products Company for "EPS-Expanded Polystyrene Insulation" dated 01/17/02, expiring on 01/11/07.

E. STATEMENTS (original documents in file #97-1023.06)

1. Statesman letter of conformance, dated 02-25-1999, signed and sealed by C. F. Fernandez, P. E.
2. Statement letter of no financial interest, dated 02-25-1999, signed and sealed by C. F. Fernandez, P. E.
3. Statement letter of compliance dated June 10, 1998, issued by Hurricane Testing Laboratory Inc., signed and sealed by Timothy S. Marshall, P.E.
4. Revision request letter dated June 28, 2000 and Octobe 08, 2002, issued by Quality Engineering Products, signed by Burton Bernstein.

F. Additional Document:

1. Supporting anchor verification calculation, from approved file # 96-0809.01 (reference only).
2. This revises NOA **02-0327.01**, previous associated NOA(s)related to this approval are 00-0705.11 and 97-1023.06.

Ishaq I. Chanda

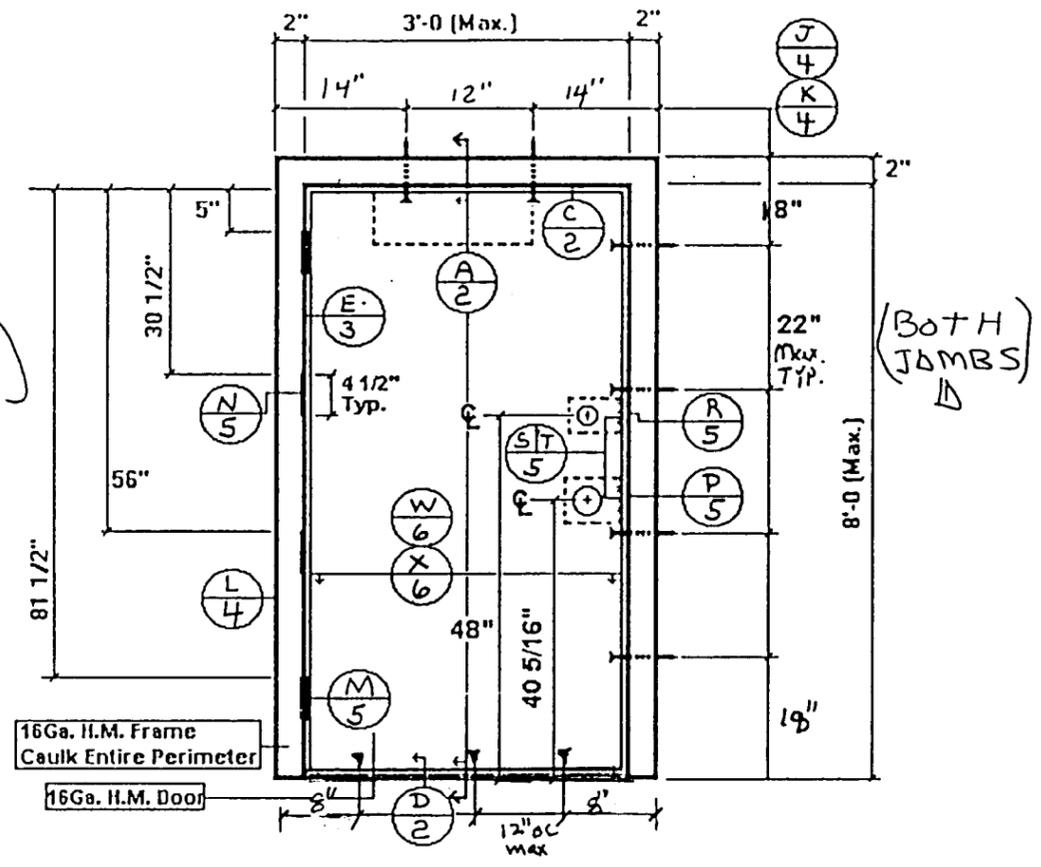
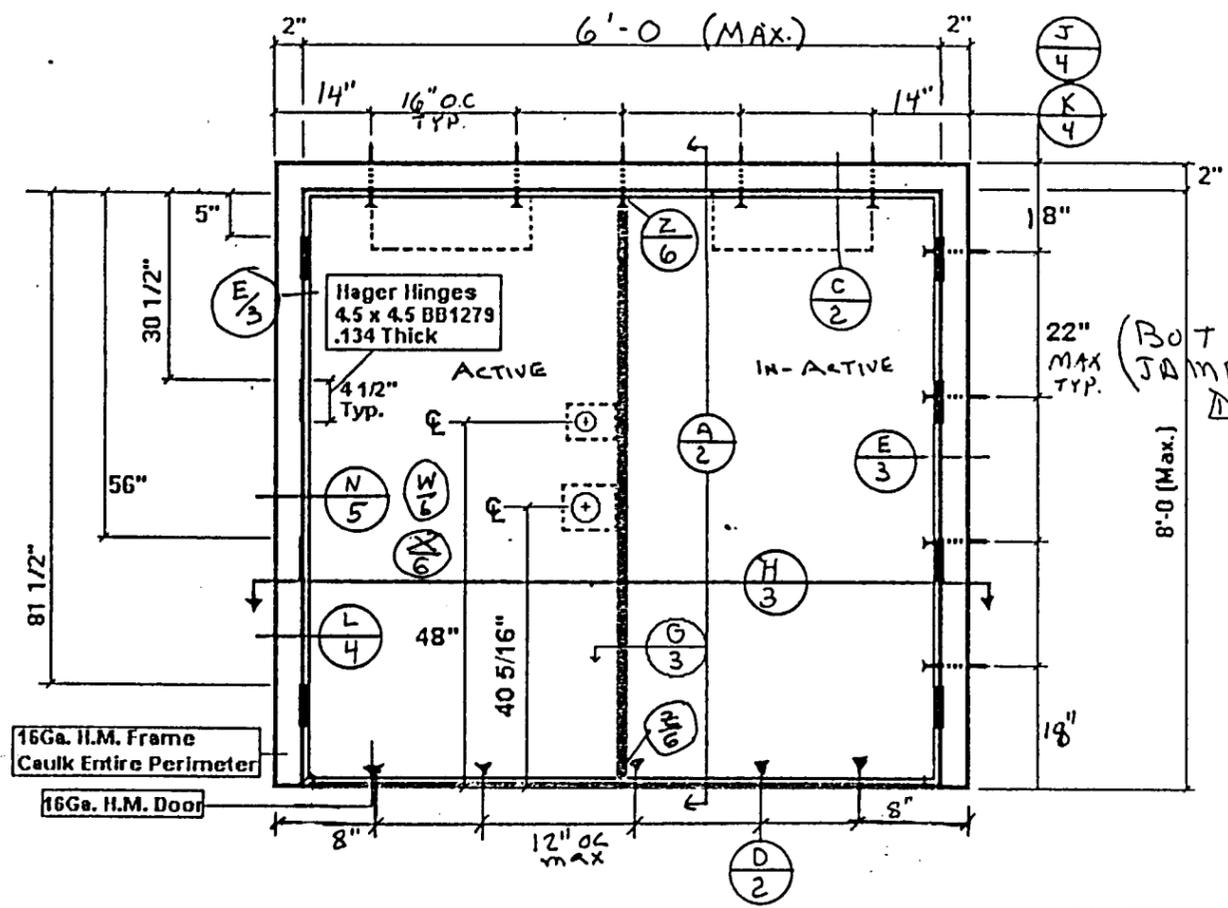
Ishaq I.Chanda, P.E. Product Control Examiner

Product Control Division

NOA No 02-1011.05

Expiration Date: January 30, 2008

Approval Date: January 30, 2003



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

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

QUALITY ENGINEERED PRODUCTS

COMPANY, INC.

REV. DATE: 1/3/03

LOCK FUNCTIONS TESTED:		(ARROW)	
A) S 3700 VERT ROD EXT DEW	& H. DUTY FLUSH BOLTS	D) 2-S 3700 VERT ROD EXT DEW.	
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)	

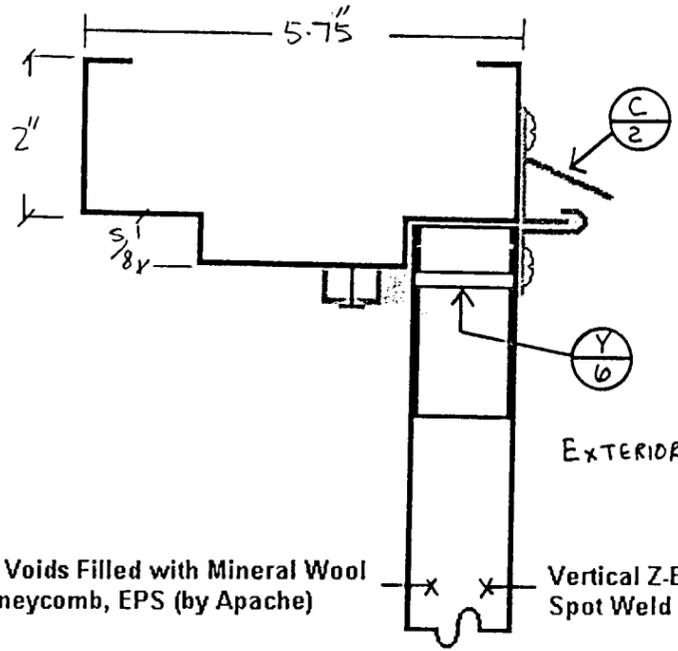
SINGLE OR DOUBLE 8'-0 MAX

DESIGN PRESSURE RATING	
+ 65 PSF	- 44 PSF

PRODUCT REVISED to comply with the Florida Building Code
 Acceptance No 02-1011-05
 Expiration Date JAN 30, 2008
 By Ishag I. Chanda
 Miami Dade Product Control Division

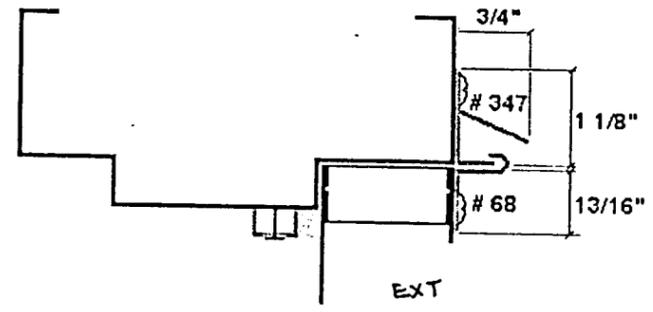
JOB: REVISION #1 6-28-00
 #2 1-02-01
 HURRICANE TEST APPROVAL
 LOCATION: METRO DADE CO
 CUSTOMER: DADE CO.

SHEET 1 OF 7
 DATE: 10-20-97

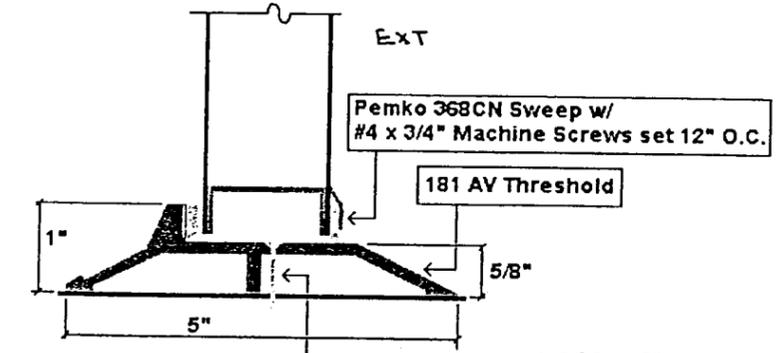
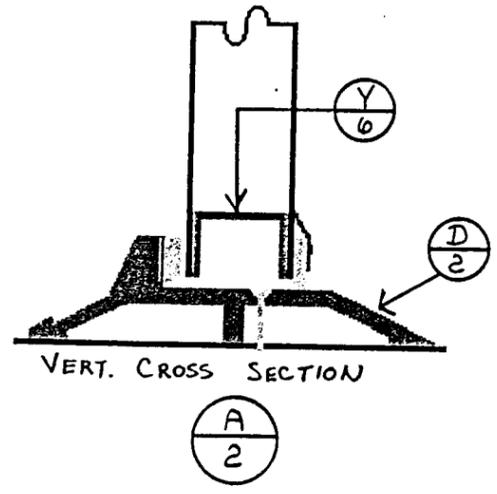


All Voids Filled with Mineral Wool Honeycomb, EPS (by Apache)

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



PEMKO HEAD WEATHERSTRIPING # 347 AND # 68



#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

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

QUALITY

ENGINEERED

PRODUCTS

COMPANY, INC.

REV DATE: 1/3/03

JOB: REVISION #1 6-28-00

HURRICANE TEST APPROVAL

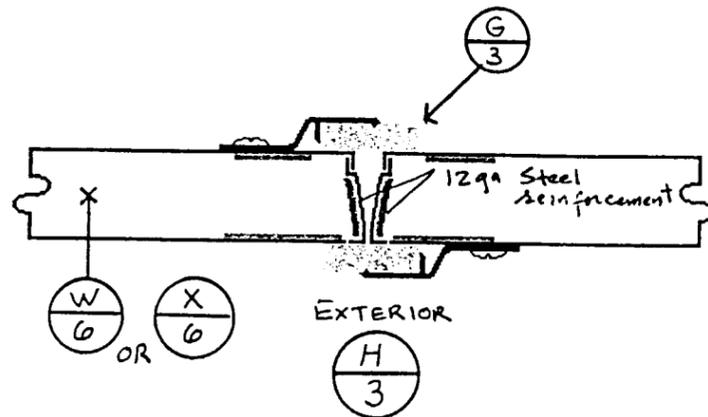
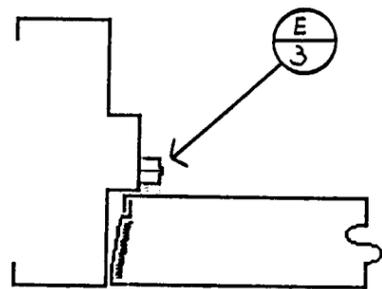
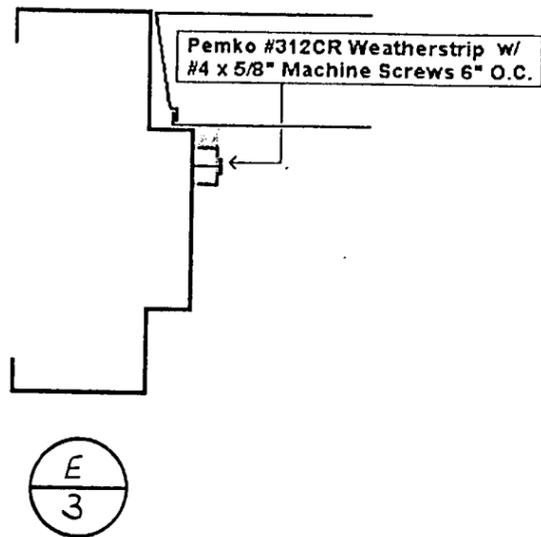
LOCATION: METRO DADE Co.

CUSTOMER: Dade Co.

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 02-1011.05 Expiration Date JAN 30, 2008 By: Ishag J. Lhanda Miami Dade Product Control Division

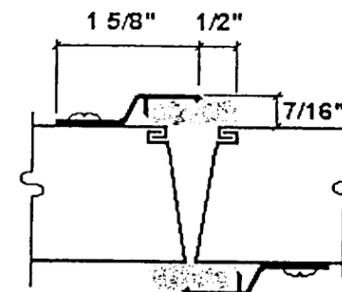
SHEET 2 OF 7

DATE: 10-20-97

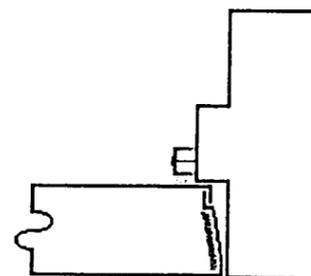


Horizontal Cross Section

*See Pages 5 and 6 for door and frame reinforcements



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



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

QUALITY

ENGINEERED

PRODUCTS

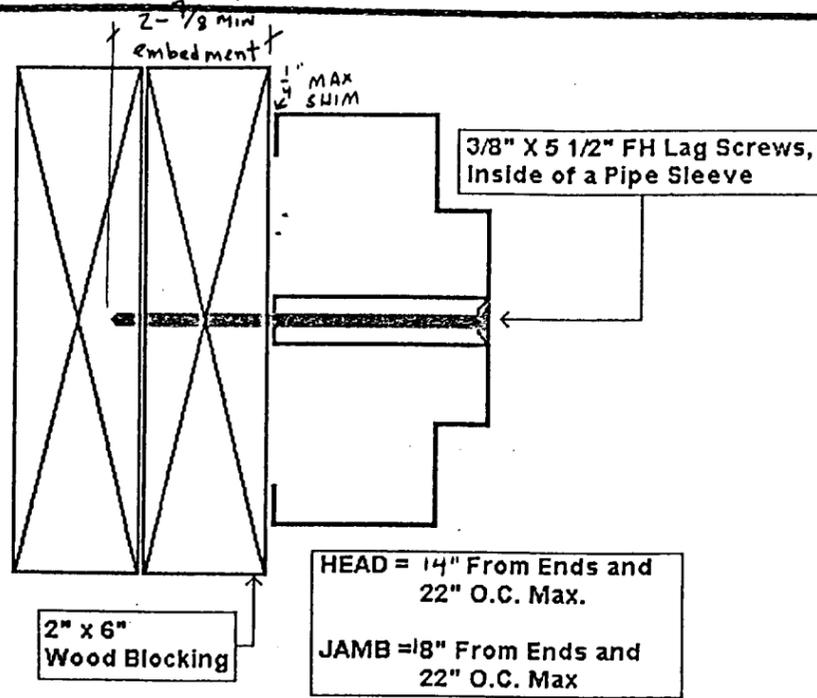
COMPANY, INC.

Rev. DATE: 1/3/03

PRODUCT REVISED
to comply with the Florida
Building Code
Acceptance No. 02-1011.05
Expiration Date JAN 30, 2008
By: Ishaq I. Chauda
Miami Dade Product Control
Division

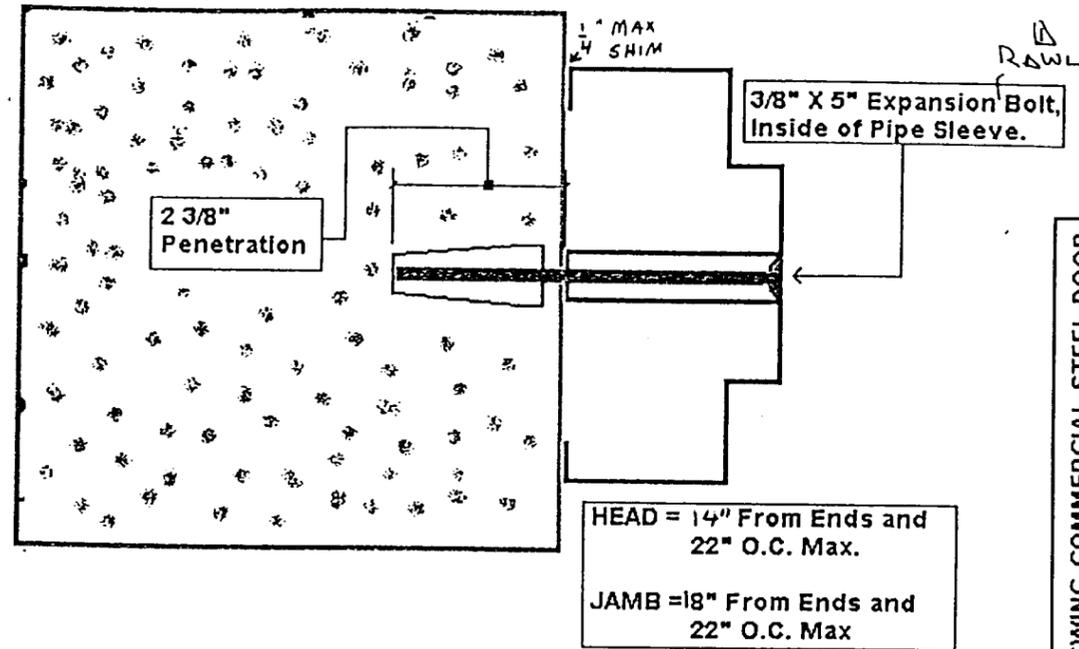
JOB: REVISION #1 6-28-00
HURRICANE TEST APPROVAL
LOCATION:
METRO DADE CO.
CUSTOMER: DADE CO.

SHEET 3 OF 7
DATE: 10-20-97



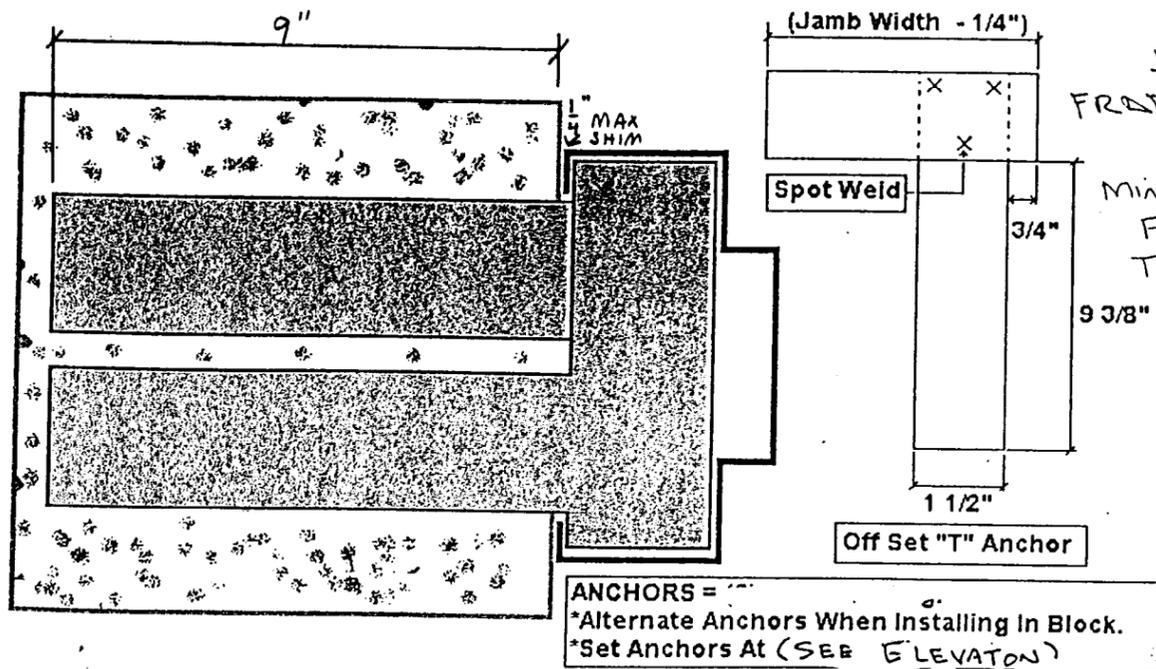
WOOD BLOCK ANCHORING

J
4



EXISTING MASONRY ANCHORING

K
4



NEW MASONRY ANCHORING

L
4

FRAME FACE - 1/4"
MIN SHEAR CAPACITY
F_v = 14 KSI
THICKNESS = .0625"

4 PAIR "T" ANCHORS PER JAMB
See ELEVATION

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

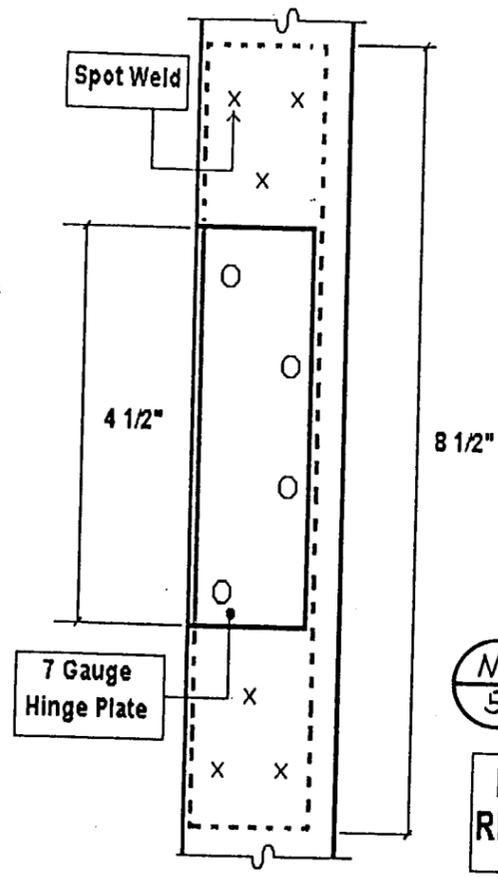
JOB: REVISION #1 6-28-00
HURRICANE TEST APPROVAL
LOCATION: METRO DADE CO.
CUSTOMER: DADE CO.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 02-1011-05
Expiration Date JAN 30, 2008
By Ishag I. Chanda
Miami Dade Product Control
Division

SHEET 4 OF 7
DATE: 10-20-97

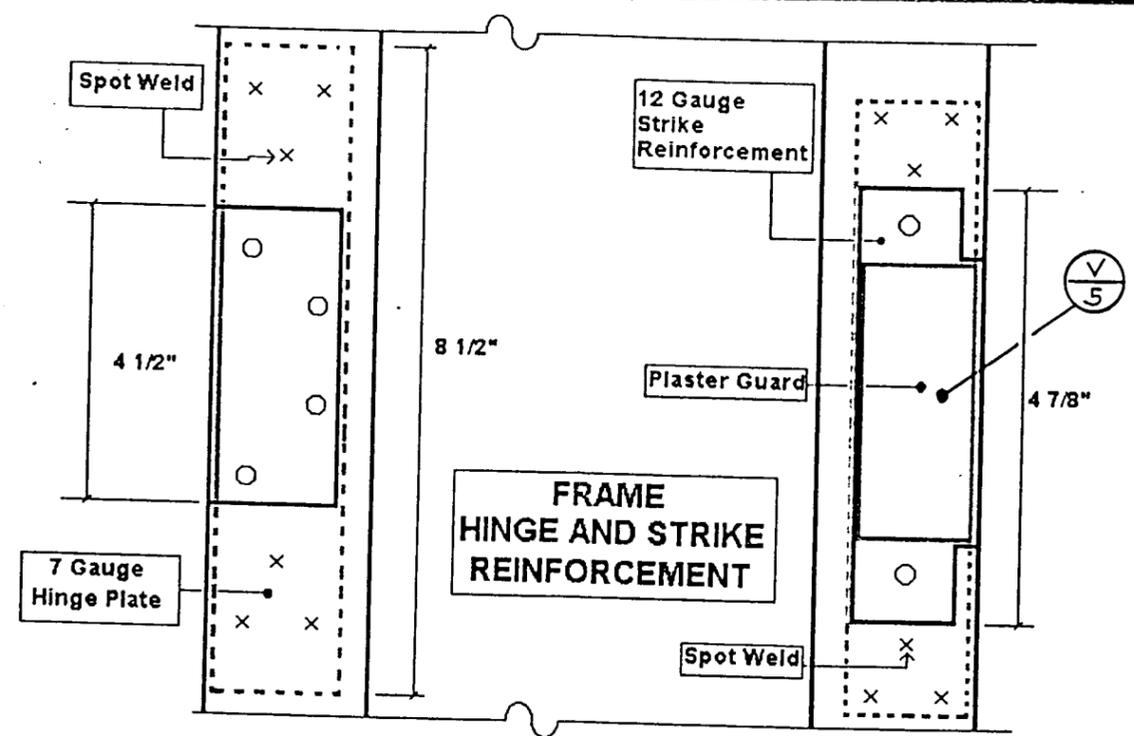
QUALITY ENGINEERED PRODUCTS

Rev DATE: 11/13/03
COR H.I.T.S. ANCHORS
H.I.C. COMPANY, INC.



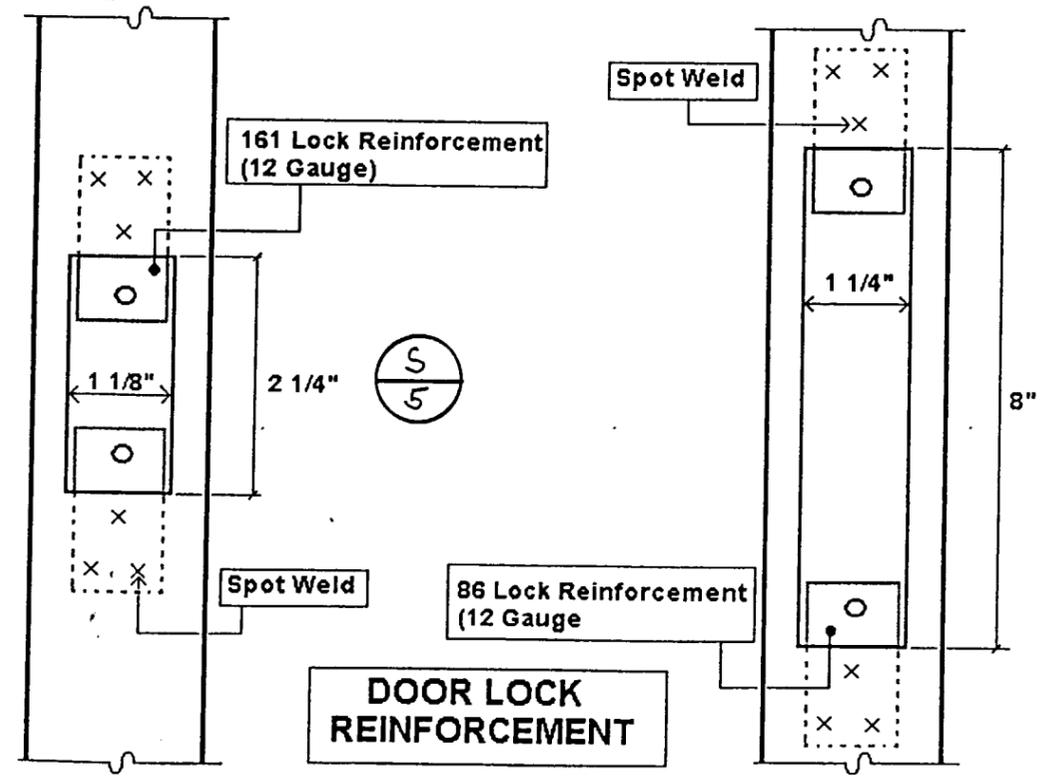
M
5

DOOR HINGE REINFORCEMENT



N
5

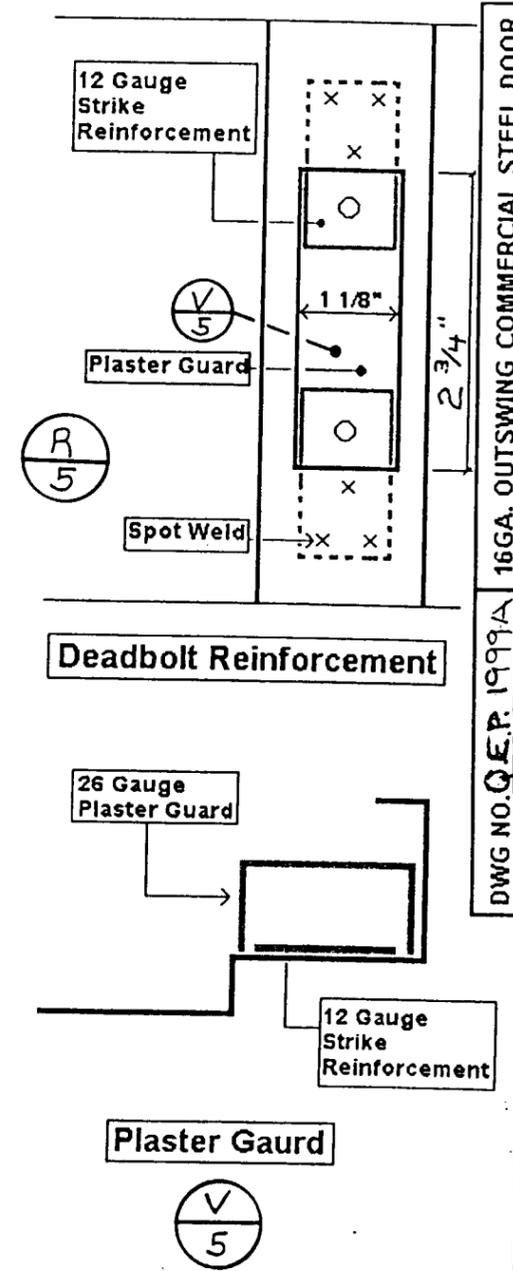
FRAME HINGE AND STRIKE REINFORCEMENT



S
5

DOOR LOCK REINFORCEMENT

T
5



V
5

Deadbolt Reinforcement

Plaster Guard

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 02-1011-05
Expiration Date JAN 30, 2008
By Shaq L. Lhanda
Miami Dade Product Control
Division

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

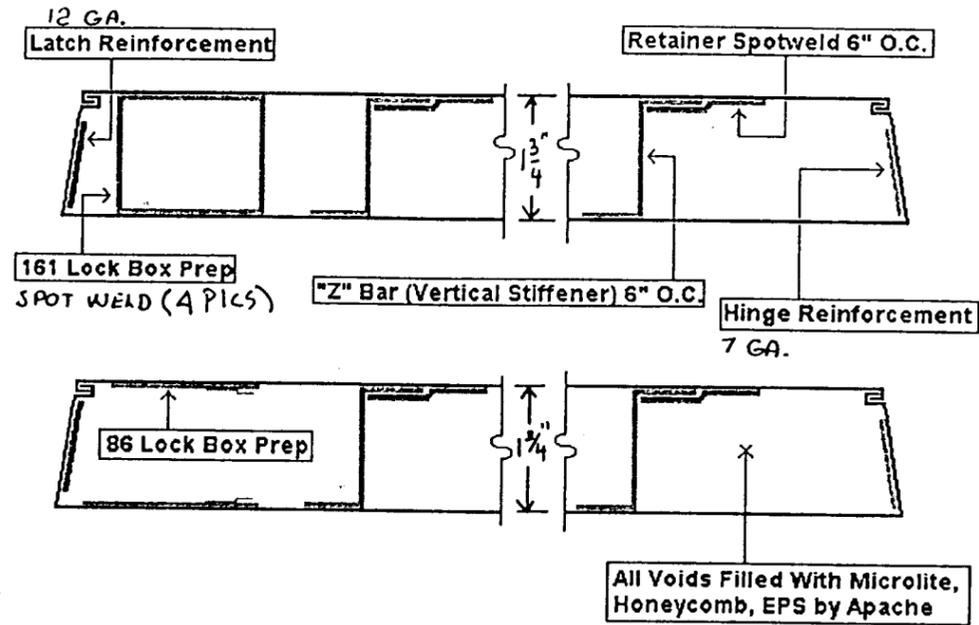
JOB: REVISION #1 6-28-00
HURRICANE TEST APPROVAL

LOCATION:
METRO DADE Co
CUSTOMER: DADE Co.

SHEET 5 OF 7
DATE: 10-27-97

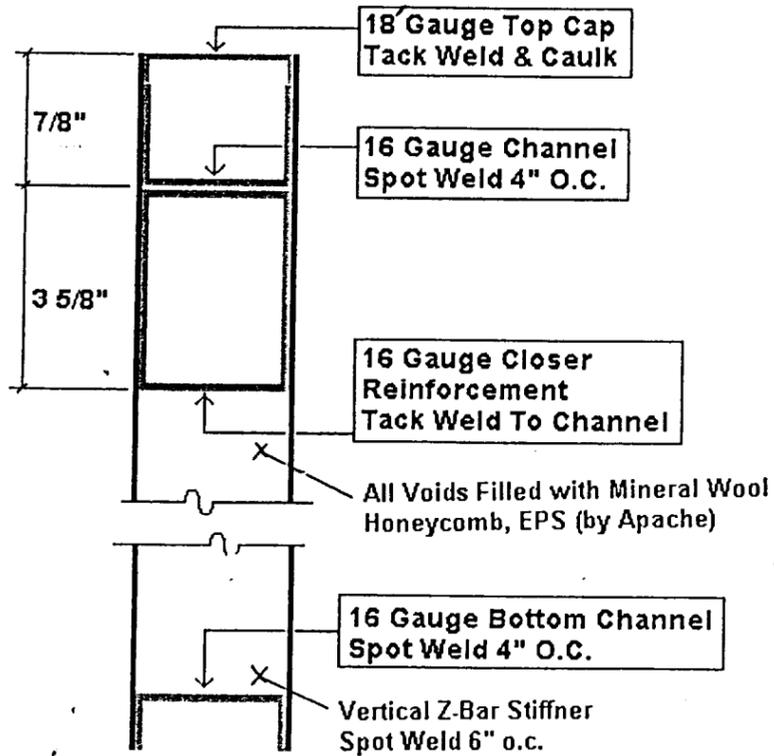
QUALITY ENGINEERED PRODUCTS

Rev DATE: 1/3/03
COMPANY, INC.



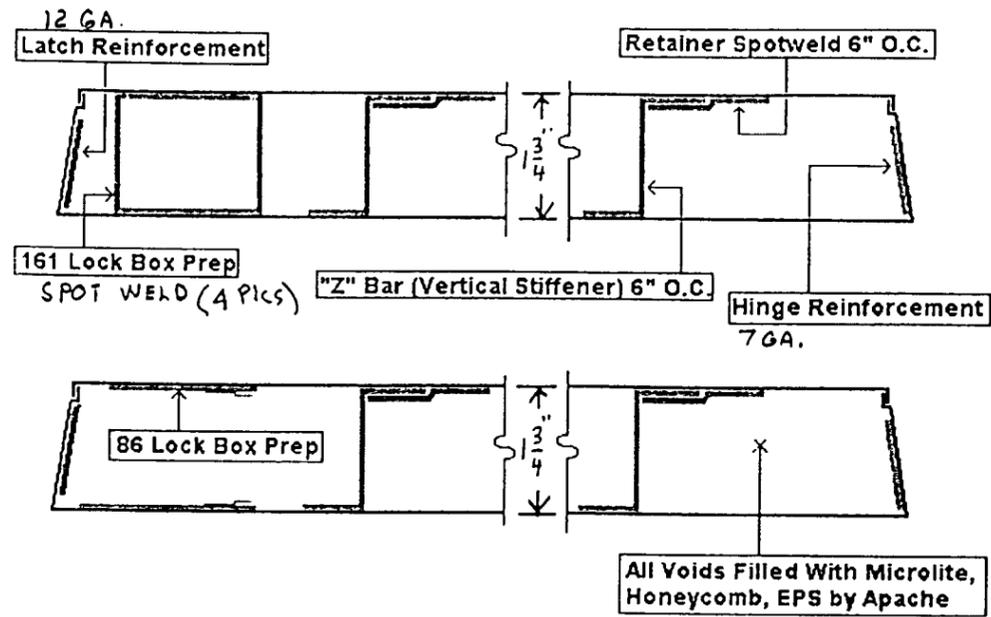
EDGE SEAM DOOR

W
6



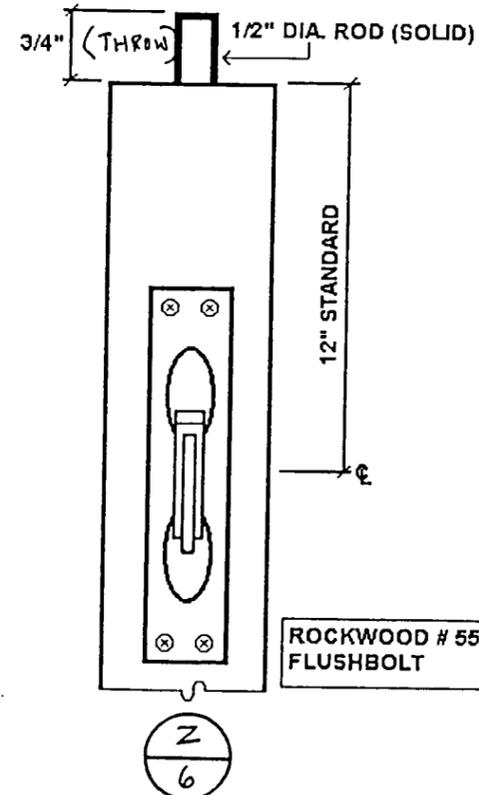
VERTICAL DOOR SECTION

Y
6



SEAMLESS EDGE DOOR

X
6



Z
6

DWG NO. Q.E.P. 1919A 16GA. OUTSWING COMMERCIAL STEEL DOOR

QUALITY

ENGINEERED

PRODUCTS

COMPANY, INC.

Rev Date: 1/3/03

JOB: REVISION #1 6-28-00

HURRICANE TEST APPROVAL

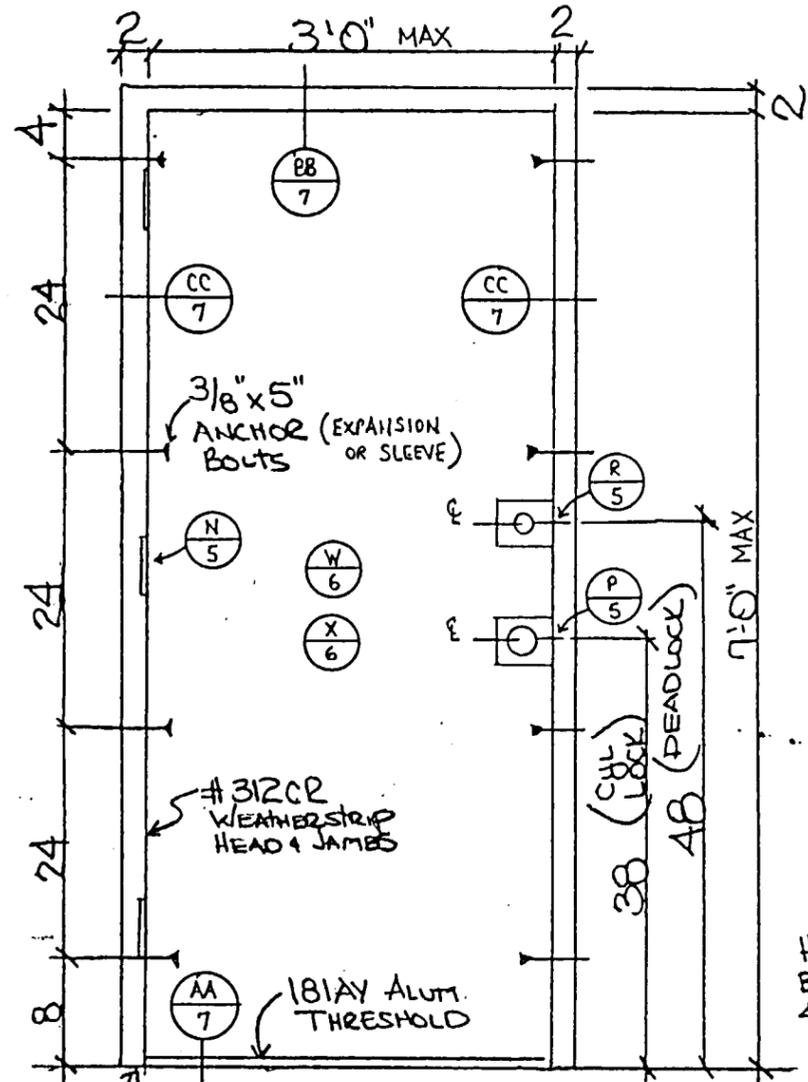
LOCATION: METRO DADE CO.

CUSTOMER: DADE CO.

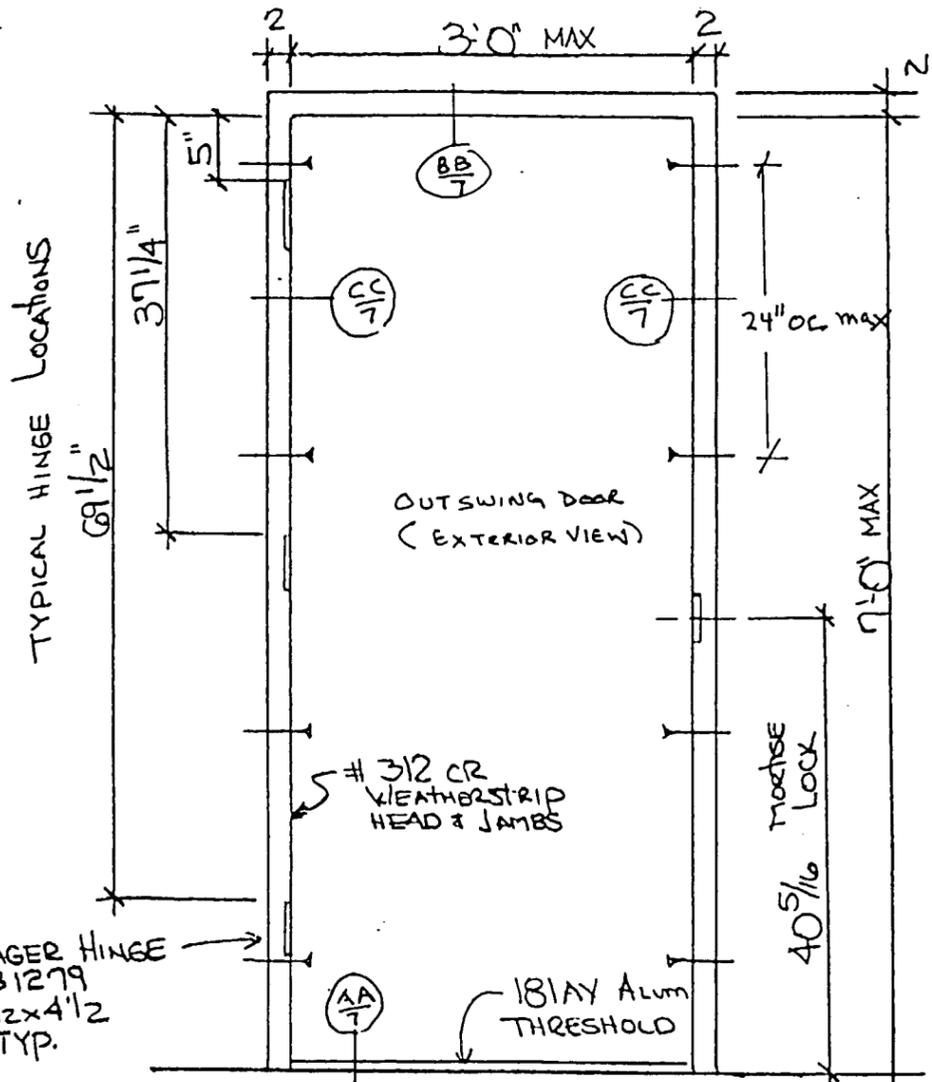
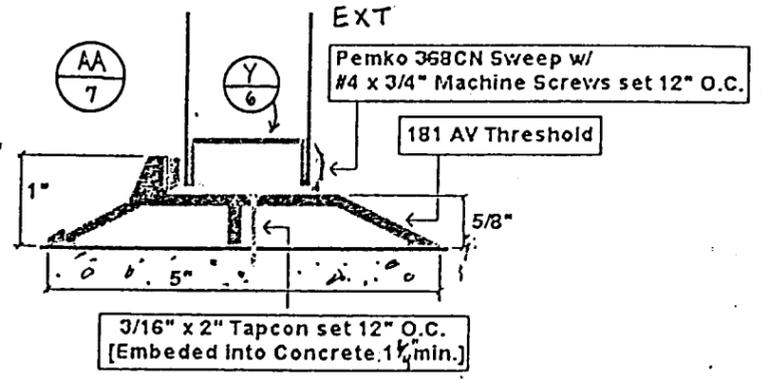
PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 02-1011-05
 Expiration Date JAN 30, 2008
 By: Ishag I. Chanda
 Miami Dade Product Control
 Division

SHEET 6 OF 7

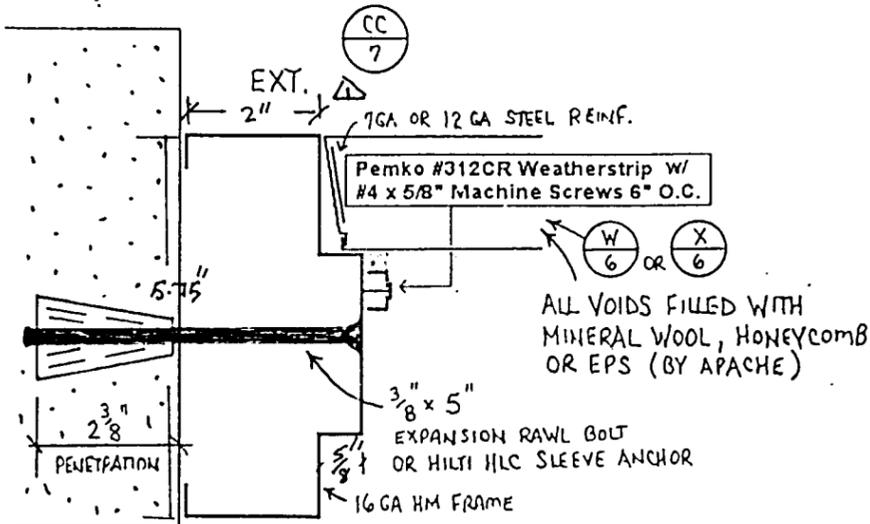
DATE: 10-20-97



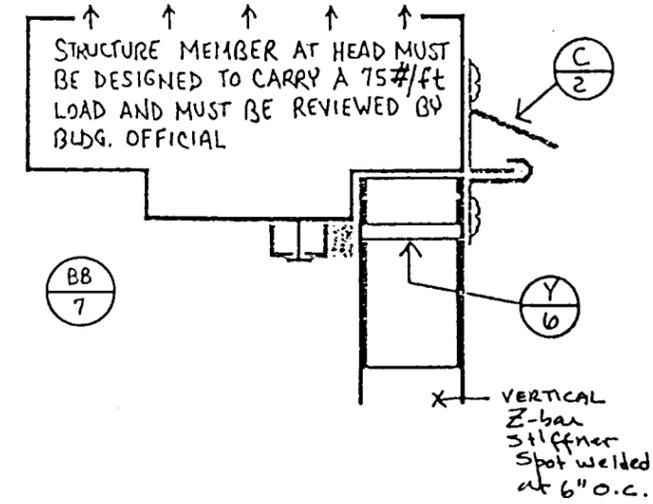
3'0" x 7'0"
CYL. LOCK & DEADLOCK
FLUSH HOLLOW METAL OUTSWINGING SINGLE DOOR
(SCHLAGE AL53PD & B66OP)



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



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



QUALITY ENGINEERED PRODUCTS
 QEP 1999-A
 HOLLOW METAL DOORS
 ADDED 9/24/02
 COMPANY, INC.
 REVISED 11/03/03

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 02-1011-05
 Expiration Date JAN 30, 2008
 By (Shag 1. Llandu
 Miami Dade Product Control
 Division

JOB: HURRICANE TEST APPROVALS
 LOCATION: METRO DADE COUNTY
 CUSTOMER: DRAWING NO QEP 1999-A
 SHEET 7 OF 7
 DATE: 9/24/02