



**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 "HMF" 16 ga Double Outswing Full Louvered Commercial Steel Door-Impact

APPROVAL DOCUMENT: Drawing No. F16-04, titled "Series HMF-16 Full Louvered Outswing Steel Double Doors", sheets 1 through 3 of 3, prepared by manufacturer, dated 06/17/04 and last revised on 09/22/04 with Revision #1, 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, 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.**

8
10/7/04



**NOA No 04-0823.03
Expiration Date: October 28, 2009
Approval Date: October 28, 2004
Page 1**

Quality Engineered Products, Co., Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **F16-04**, titled "Series HMF-16 Full Louvered Outswing Steel Double Doors", sheets 1 through 3 of 3, prepared by manufacturer, dated 06/17/04 and last revised on 09/22/04 with Revision #1, signed and sealed by C. F. Fernandez, P. E.

B. TESTS

1. Test reports on
 - 1) Air Infiltration Test, per FBC TAS 202-94 (Not Performed)
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202.
 - 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 double Outswing full louvered Commercial Steel Doors, prepared by Certified Testing Laboratories Inc., Test Report No. **CTLA 1255-W-R**, w/ revision dated September 14, 2004 (original test report dated July 28, 2004), signed and sealed by Ramesh Patel, P. E

C. CALCULATIONS

1. Anchor verification calculations, dated 071/24/2004, prepared, signed and sealed by C. F. Fernandez, P.E.

D. QUALITY ASSURANCE BY:

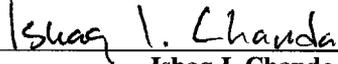
1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

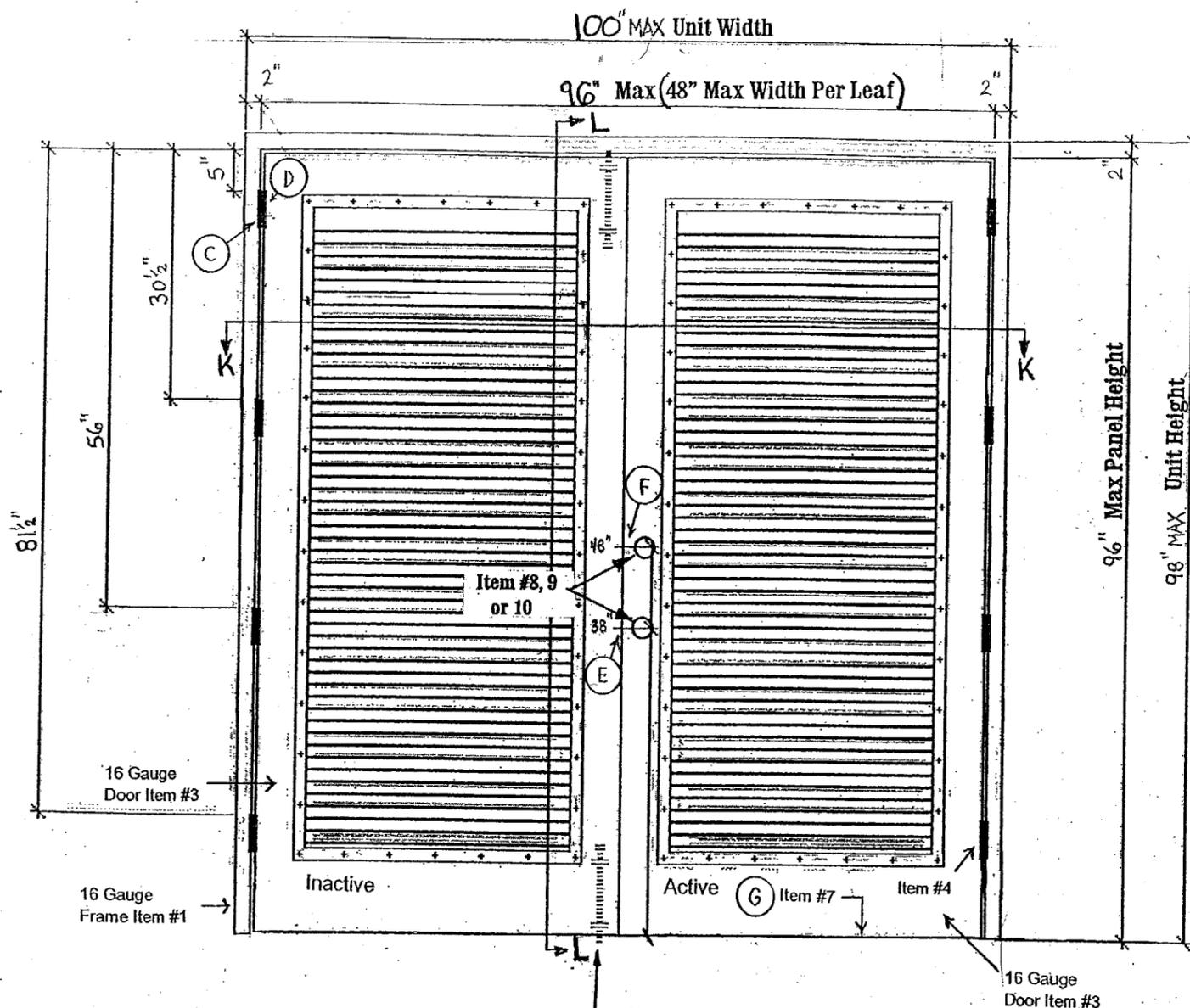
1. Tensile test report prepared by Certified Testing Laboratories Inc., Test Report No. **CTL 1023J (CTLA114W)**, tested per ASTM E-A370-97, dated December 02,2003, signed and sealed by Ramesh Patel, P. E.
2. Notice of Acceptance No. **01-1108.09** issued to Apache Products Company for "EPS-Expanded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

F. STATEMENTS

1. Statesman letter of conformance and "No financial interest", dated 10-04-2004, 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.



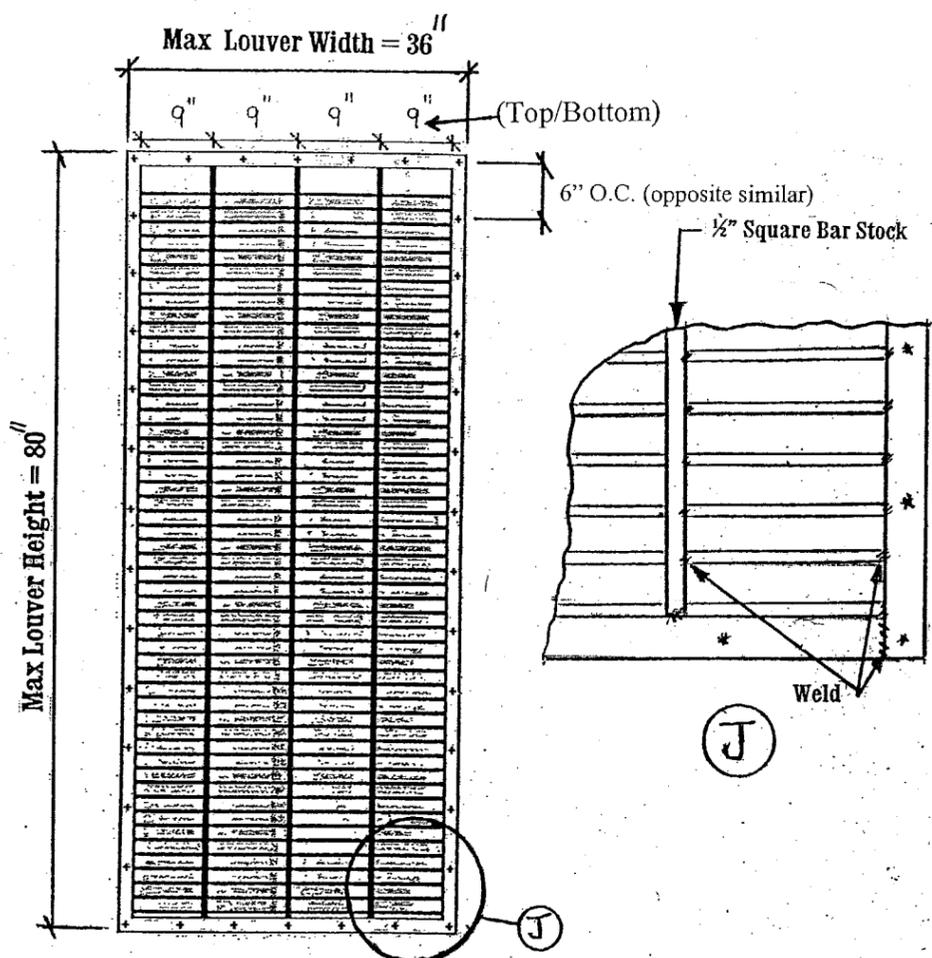
Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 04-0823.03
Expiration Date: October 28, 2009
Approval Date: October 28, 2004



(H) Item #5
Exterior View
 (2) Ives Surface Bolts 360, Interior of Inactive door

Locks Tested
Item #8 - Schlage AL53PD Lock and B660P Deadlock
Item #9 - Russwin CL3355 Lock and DL2113 Deadlock
Item #10 - Marks 195AB Lock and 130K Deadlock

Design Pressure Rating (Outswing Double Doors With Louvers)		
	Where Air & Water Infiltration Requirement is <u>not</u> needed:	Where Air & Water Infiltration Requirement is needed
Positive	+70 psf	Not Approved
Negative	-70 psf	Not Approved



Interior View, Louver (Illustration Purpose Only)

(3) Pieces, each louver, 1/2" square bar stock from Tampa Steel & Supply welded to louver frame and tack welded to each louver blade.

Each louver attached to door w/ (38) #6 x 1/2" square drive screws.

- 33- (Each Louver)
- 14- (Left)
- 14- (Right)
- 5- (Top)
- 5- (Bottom)

Approved as complying with the Florida Building Code
 Date October 28, 2004
 NOAH 04-0823-03
 Miami Dade Product Control Division
 By Shay I. Chanda

C.F.F.
 10/4/04

Series HMF - 16 Full Louvered Outswing Steel Double Doors
 Last Revised 09/22/04

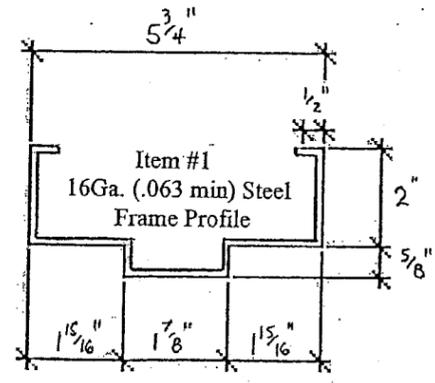
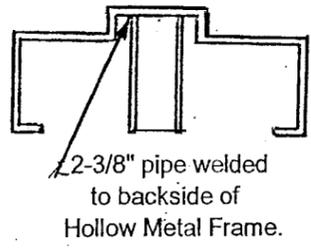
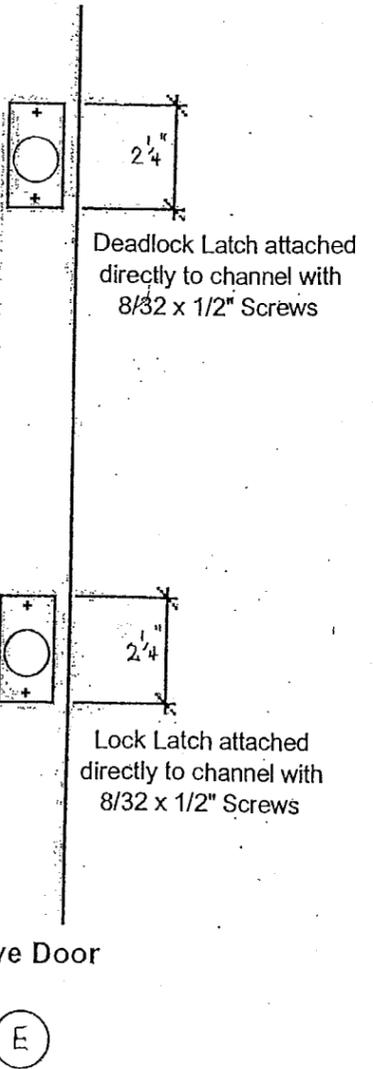
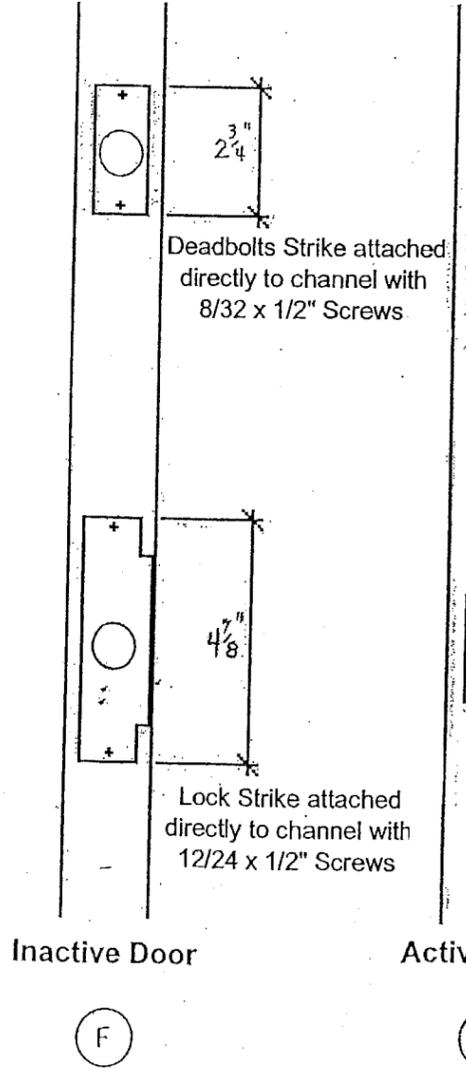
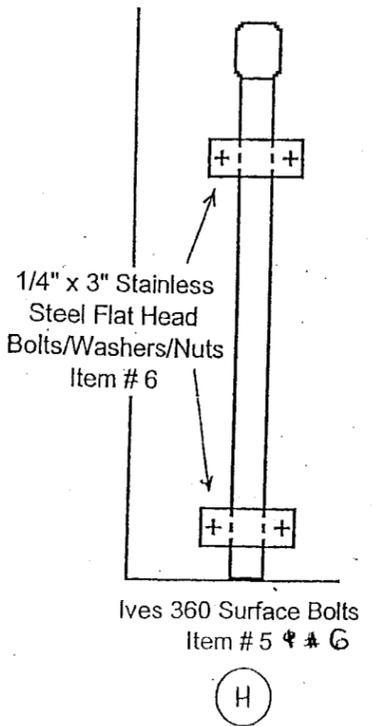
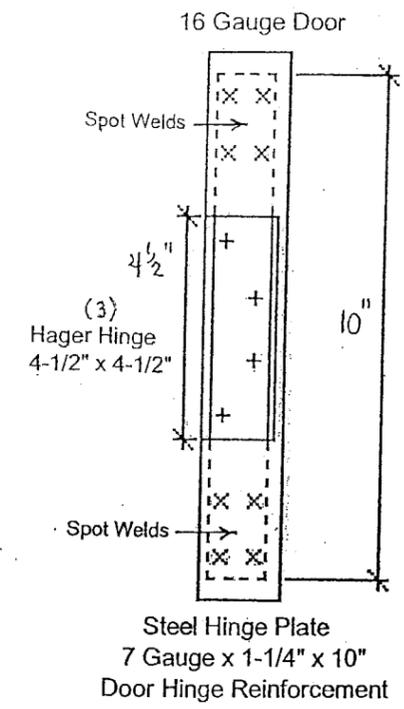
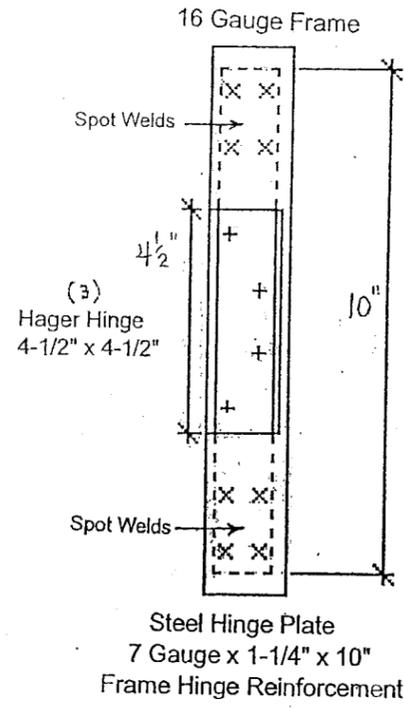
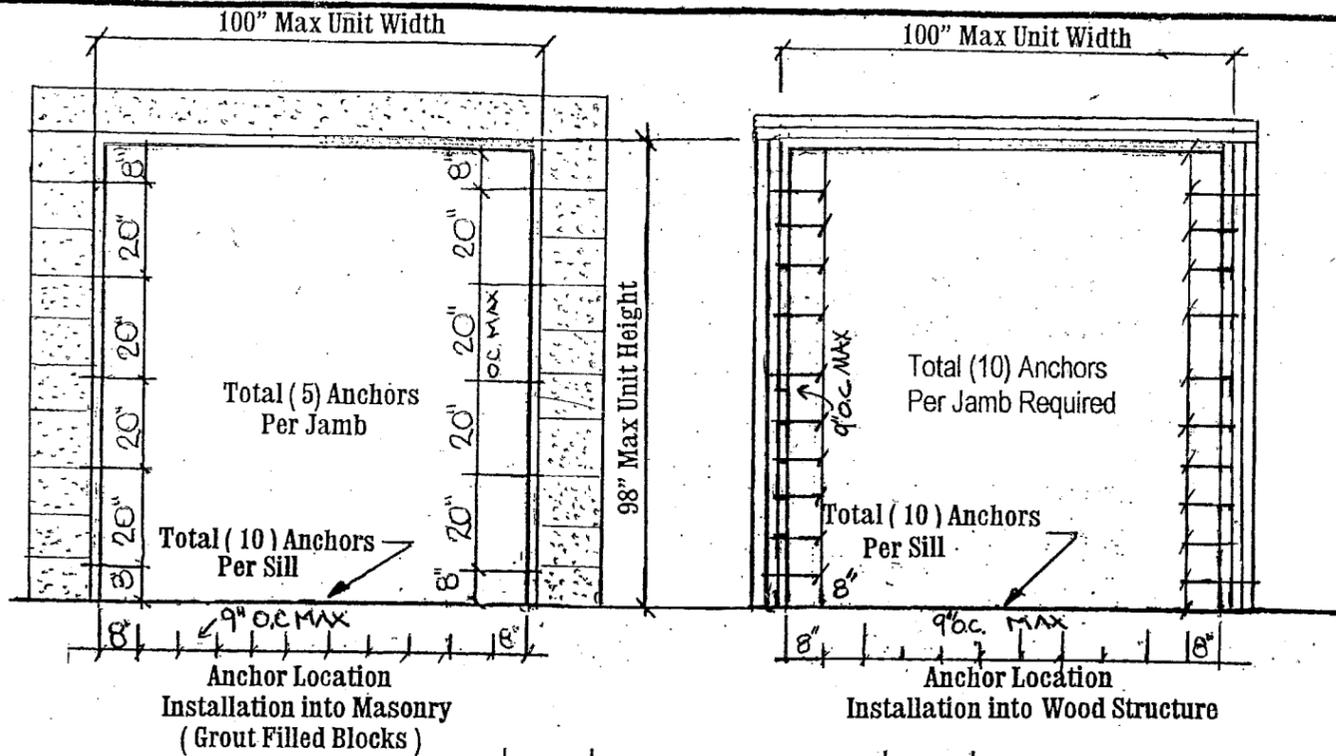
QUALITY ENGINEERED PRODUCTS COMPANY, INC.

Hurricane Test Approval
 Drawing # F16-04
 C.F. Fernandez PE #6087
 Revision # 1

SHEET 1 OF 3

DATE: 6/17/04

4506 Quality Lane
 Tampa, Fla. 33634
 813/885-1693



Approved as complying with the Florida Building Code
 Date: OCT 28, 2004
 NOA# 04-0823-03
 Miami Dade Product Control
 Division
 By: *Isaac L. Chanda*

C. Fernandez
 10/4/04

QUALITY ENGINEERED PRODUCTS COMPANY, INC.

Series HMF - 16 Full Louvered Outswing Steel Doors

4506 Quality Lane
 Tampa, Fla. 33634
 813/885-1693

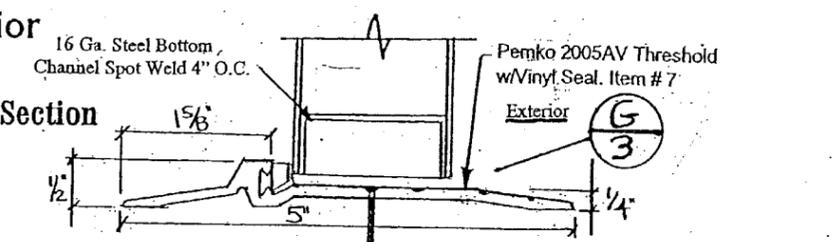
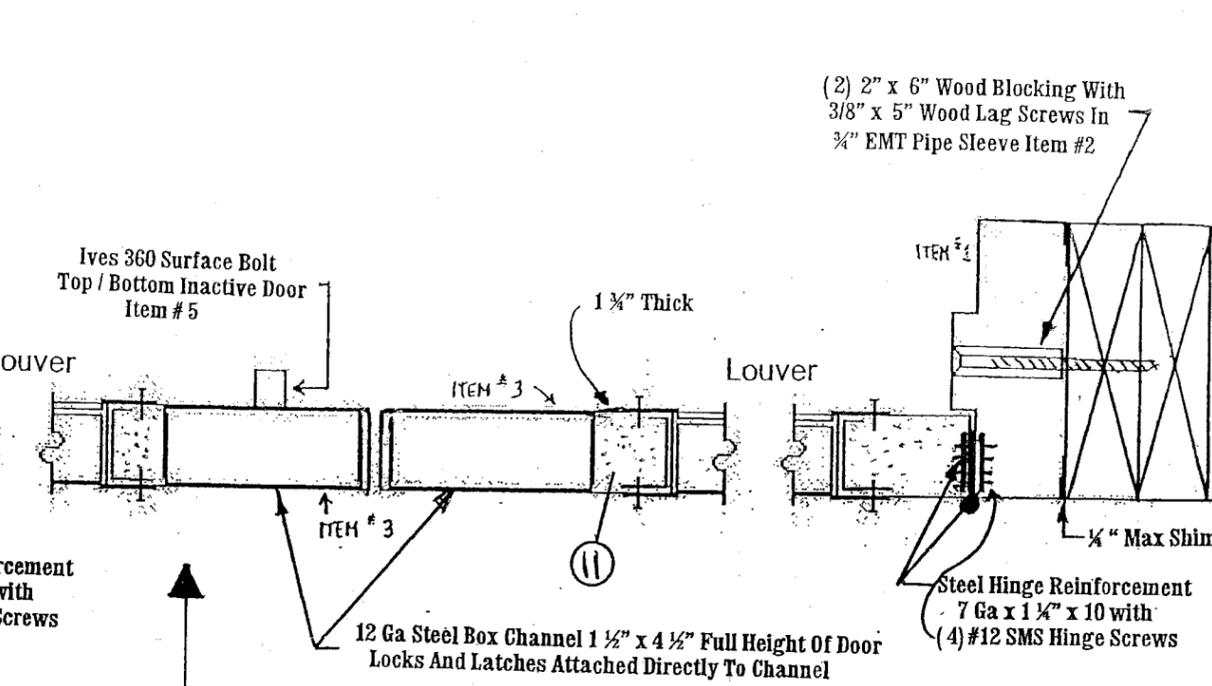
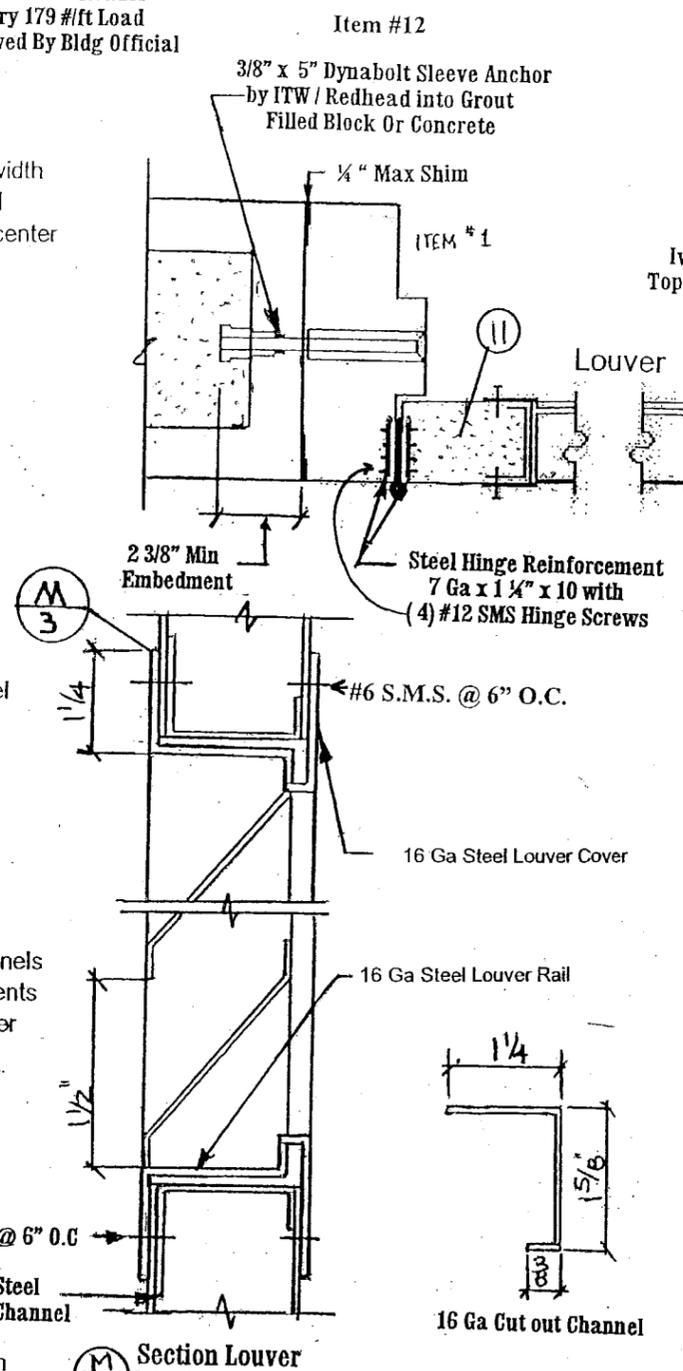
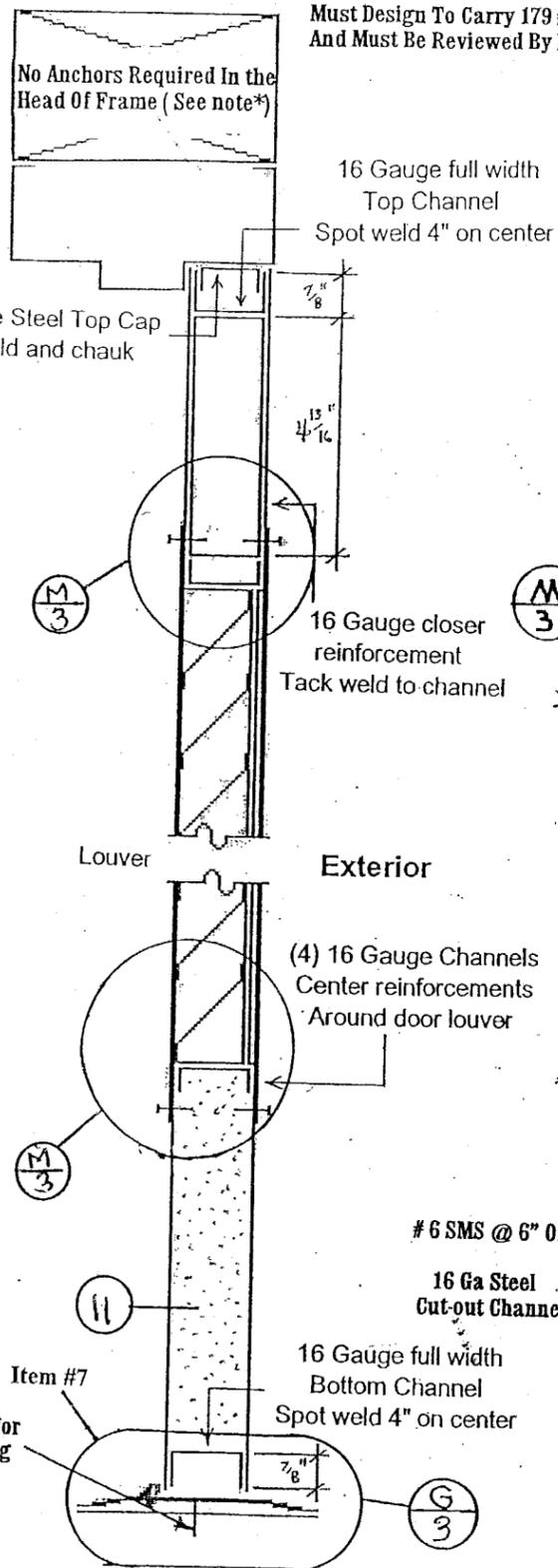
Hurricane Test Approval
 Drawing # F16-04
 C.F. Fernandez PE #6087
 Revision # 1

SHEET 2 OF 3
 DATE: 6/17/04

Series HMF - 16 Full Louvered Outswing Steel Double Doors

Hurricane Test Approval
Drawing # F16-04
C.F. Fernandez PE #6087
Revision # 1

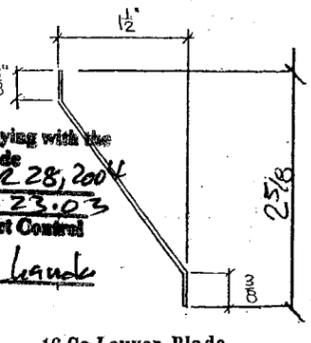
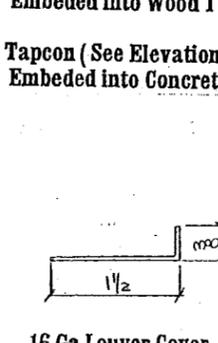
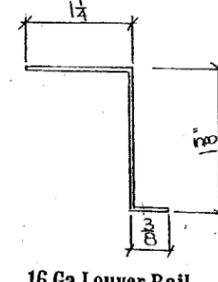
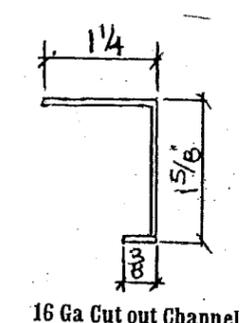
*Note: Structural Member At Header
Must Design To Carry 179 #/ft Load
And Must Be Reviewed By Bldg Official



#10 x 2" Wood Screw (See Elevation for Anchor Spacing)
Embedded into Wood 1 1/2" Min

3/16" x 2" Tapcon (See Elevation for Anchor Spacing)
Embedded into Concrete 1 1/4" Min

Approved as complying with the
Florida Building Code
Date October 28, 2004
NOA# 04-0823.03
Miami Dade Product Control
Division
By Shag I. Gandy



BILL OF MATERIALS

ITEM	QUANTITY	DESCRIPTION
1	1	16 GA (.0635) MIN STEEL HOLLOW METAL FRAME
2	SEE ELEV.	3/8" X 6" WOOD LAG SCREWS W/ 3/4" EMT PIPE SLEEVE
3	2	16 GA (.0635) MIN STEEL HOLLOW METAL DOORS W/ LOUVERS Fy MIN=41,200 PSI/FUMIN= 57800 PSI)
4	8	HAGAR HINGES BB1279 4-1/2" X 4-1/2" .134 THICK
5	2	IVES 360 SURFACE BOLTS
6	8	1/4" X 3" STAINLESS STEEL FLAT HEAD BOLTS/WASHERS/NUTS
7	1	THRESHOLD PEMKO # 2005AV W #10 WOOD SCREWS OR 3/16" TCW TAPCONS (SEE ELEV.)
8	1	SCHLAGE AL53PD LOCK W/ B660 DEADLOCK
9	1	RUSWINN CL3355 LOCK W/ DL2113 DEADLOCK
10	1	MARKS 195AB LOCK W/ 130K DEADLOCK
11	AS REQ.	EXPANDED POLYSTYREN (EPS) BY APPACHE PRODUCTS (CURRENT NOA)
12	SEE ELEV.	3/8" X 5" DYNABOLT SLEEVE ANCHOR BY ITW/READHEAD W/ 3/4" EMT PIPE SLEEVE

C.F. Fernandez
10/4/04