MIAMI-DADE COUNTY

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
www.miamidade.gov/Buildingcode

# NOTICE OF ACCEPTANCE (NOA)

**Next Door Company**
**1300 N. W. 74th Street**
**Miami, Fl. 33147**

**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 the High Velocity Hurricane Zone.

**DESCRIPTIO: Series "S-8080F" Flush Outswing Steel Doors-Impact**

**APPROVAL DOCUMENT:** Drawing No. **W08-85** titled "Series "S-8080F" OutSwing Steel Entrance Door" Sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated 10-08-08 and last revised on April 08, 2009, signed and sealed by Dr. Humayuon Farooq, 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 1 and evidence page E-1, as well as approval document mentioned above.
The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**

MIAMI-DADE COUNTY APPROVED

4/12/19

NOA IS EXPIRED, PROVIDE A CURRENT NOA. FBC 107.2.1

**NOA No 09-0112.03**
**Expiration Date: May 13, 2014**
**Approval Date: May 13, 2009**

**Next Door Company**

## NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. Manufacturer's parts and sections drawings.
2. Drawing No. **W08-85** titled "Series "S-8080F" OutSwing Steel Entrance Door" Sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated 10-08-08 and last revised on April 08, 2009, signed and sealed by Dr. Humayuon Farooq, 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 FBCTAS 202-94
   3) Water Resistance Test, per FBC TAS 202-94
   4) Forced Entry Resistance Test, per FBC TAS 202-94
   5) Large Missile Impact Test, FBC TAS 201-94
   6) Cyclic Loading Test, per FBC TAS 203-94

Along with installation diagram of double outswing steel door, marked-up by Fenestration Testing Laboratories, Inc. Test Reports Nos. **FTL 5578 (FTL08029),** dated 09/08/08, signed and sealed by Carlos Rionda, P.E.

**C. CALCULATIONS:**

1. Anchor calculations and structural analysis per FBC 2007, prepared by Al-Farooq Corporation, dated 12/17/08 and last revised on 04/08/09, signed and sealed by Dr. Humayuon Farooq, P.E.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Tensile Test report No. **FTL08029**Test 1, 2 & 3 dated 23 APR 03 per ASTM A-3705 for steel face sheet, prepared by Fenestration Testing laboratory, signed and sealed by Carlos Rionda, P.E.
2. Notice of Acceptance No. **07-1107.08** issued to Dyplast Product, LLC (Former Apache Products Company) for "EPS-Expanded Polystyrene Insulation", expiring on 01/11/12
3. Test Report No. **3145021COQ-004**, dated March 28, 2008, issued by Intertek. to Next Door Company for "RA-24" Batt Fiberglass Insulation for "Self Ignition Temperature Test" per ASTM E-84-08 for smoke density & Flame spread.
4. Test Report No. **3145021COQ-005**, dated March 28, 2008, issued by Intertek. To Next Door Company for "RA-24" Batt Fiberglass Insulation for "Surface Burning Chracterstics" per ASTMD-1929.
5. Test Report No. **3145021COQ-006**, dated March 28, 2008, issued by Intertek. to Next Door Company for "RA-24" Batt Fiberglass Insulation for "Rate of Burning" per ASTM D-635-06.

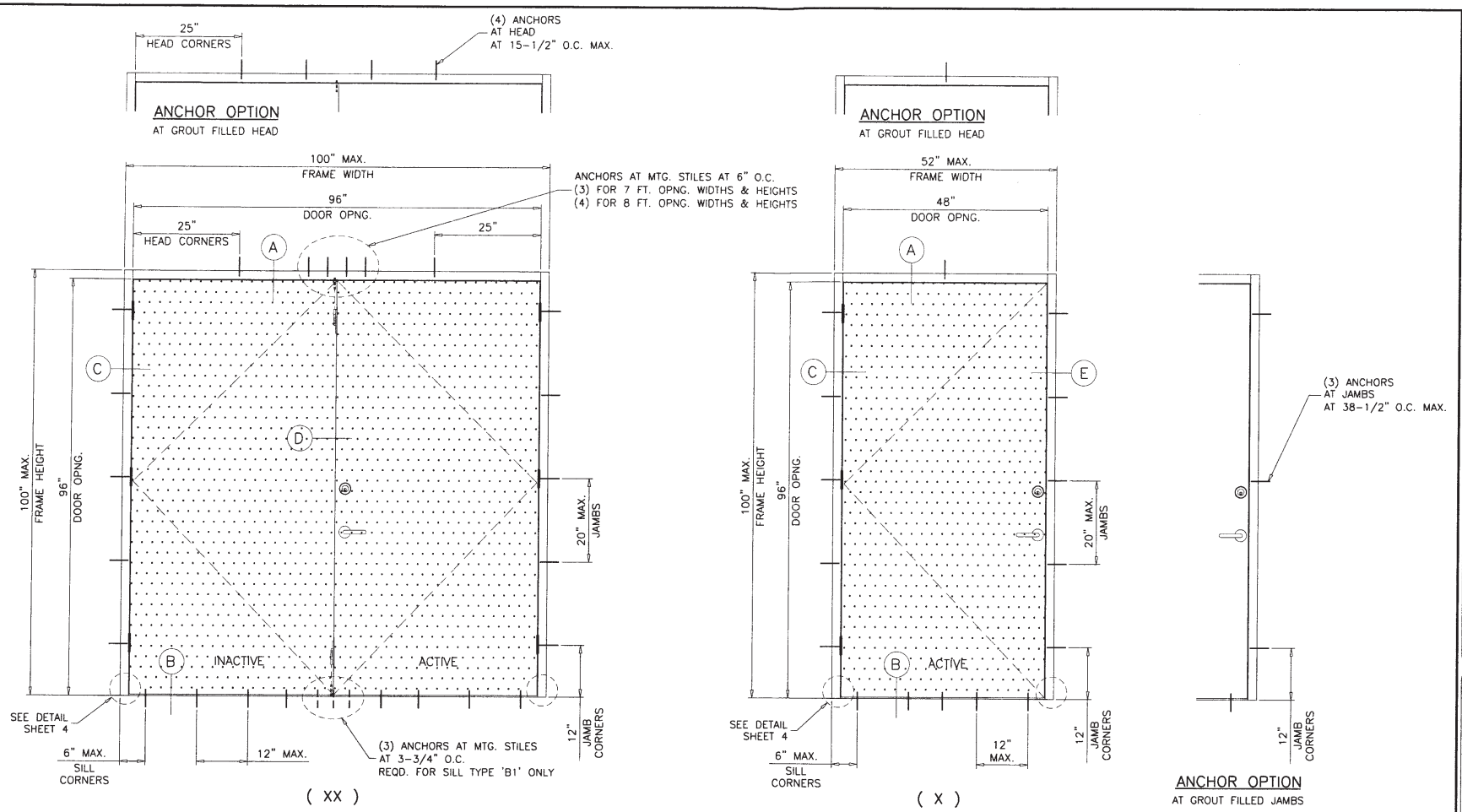
**F. STATEMENTS**

1. Statement letter of conformance and no financial interest, dated Dec. 04, 2008, prepared, signed and sealed by Dr. Humayuon Farooq, P.E.
2. Laboratory Compliance statement issued as part of test report.

**G. OTHER**

1. Test proposal # 07-3699 dated 01/31/08, approved by BCCO. Ishaq I. Chanda

**Ishaq I Chanda, P.E.**
**Product Control Examiner**
**NOA No 09-0112.03**
**Expiration Date: May 13, 2014**
**Approval Date: May 13, 2009**




TYPICAL ELEVATIONS
OPTION 1

THESE DOORS ARE RATED FOR LARGE MISSILE IMPACT.
SHUTTERS ARE NOT REQUIRED.

MAXIMUM DESIGN LOAD RATING = + 75.0 PSF
(FOR SIZES SHOWN ABOVE OR SMALLER) AS LIMITED BY CODE = - 75.0 PSF

Approved as complying with the Florida Building Code
Date MAY 13, 2009
NOA# 09-0112.02
Miami Dade Product Control Division
By Ishaq I. Chanda

## SERIES-8080F
## OUT-SWING COMMERCIAL STEEL ENTRANCE DOOR

SEE SHEET 7 FOR VARIOUS FRAME SIZE OPTIONS.
FRAME JAMB TRIM (WIDTH) = 1-1/4" TO 2"
FRAME JAMB DEPTH = 4-3/4" TO 8-3/4"
FRAME HEAD TRIM (WIDTH) = 1-1/4" TO 4"

DOORS WITH THRESHOLD TYPE B ARE APPROVED FOR INSTALLATION WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.
DOORS WITH THRESHOLD TYPE B1 ARE APPROVED FOR INSTALLATION WHERE WATER INFILTRATION RESISTANCE IS NOT REQUIRED.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004/2007 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2004/2007 FLORIDA BLDG. CODE SECTION 2003.8.4.

NOTE:
EGRESS REQUIREMENTS TO BE REVIEWED BY BUILDING OFFICIAL.

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

APR 08 2009


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COMP-ANL\W08-85NDC


S-8080F OUT-SWING STEEL ENTRANCE DOOR

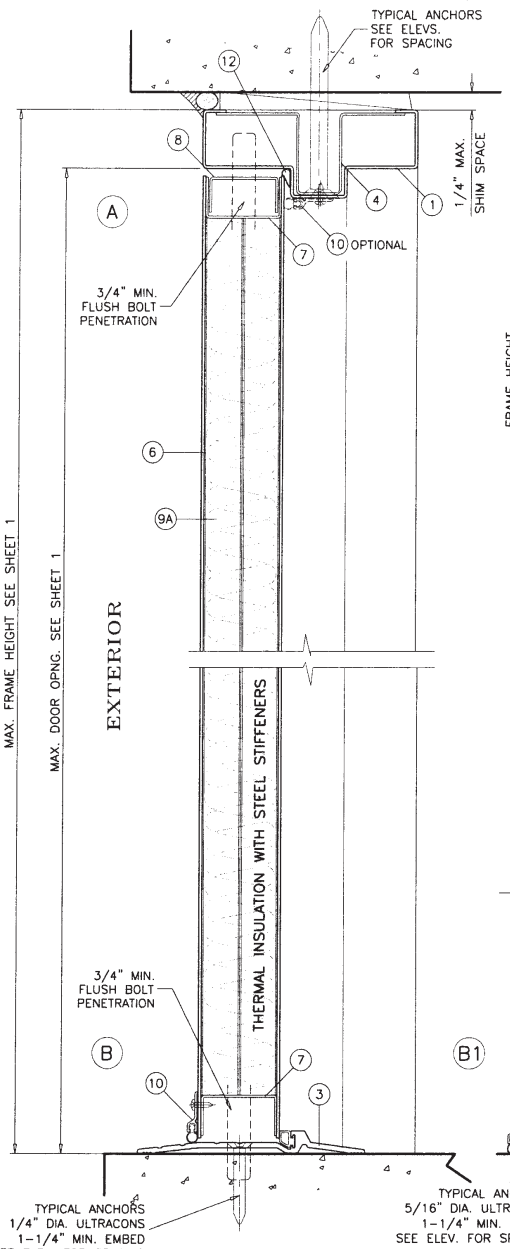
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| B | 04.06.09 | | REV. PER BCCO COMMENTS |

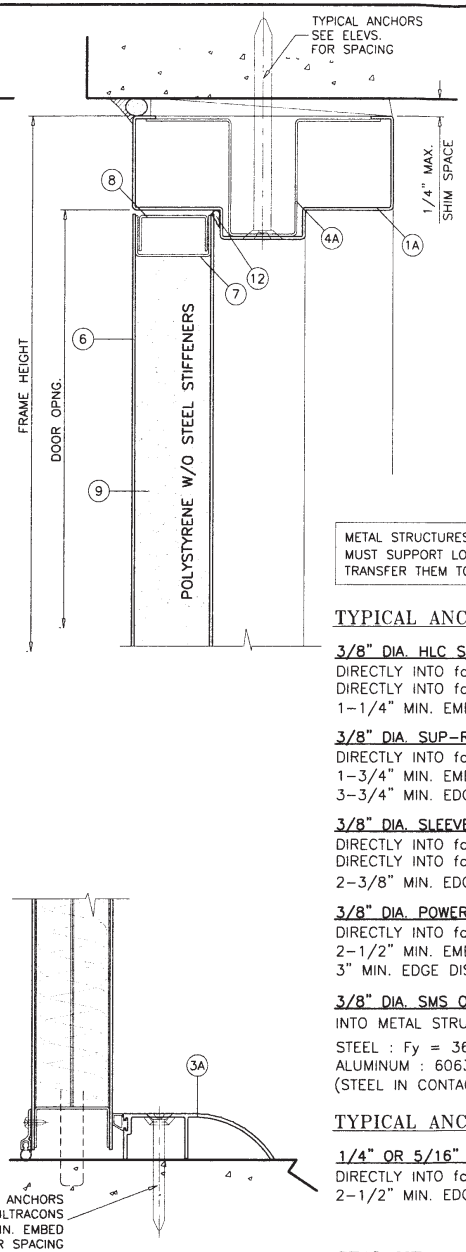
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chk. by:

drawing no.
W08-85

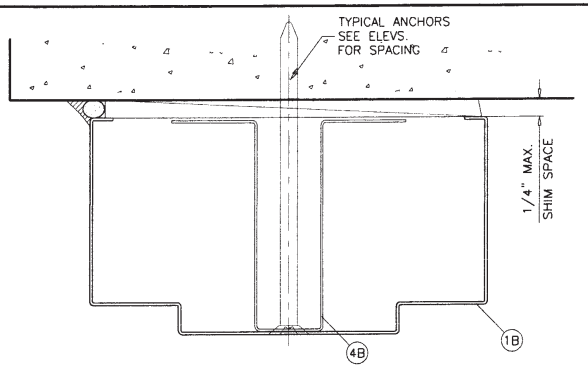
sheet 1 of 7




THRESHOLD TYPE B
APPR'D FOR WATER RESISTANCE




THRESHOLD TYPE B1
NOT APPR'D FOR WATER RESISTANCE




METAL STRUCTURES NOT BY NEXT DOOR CO.
MUST SUPPORT LOADS IMPOSED BY DOOR SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

## TYPICAL ANCHORS @ HEAD/JAMB: SEE ELEV. FOR SPACING

**3/8" DIA. HLC SLEEVE ANCHOR BY 'HILTI'**
DIRECTLY INTO fc'=3000 PSI CONCRETE, 3-1/2" MIN. EDGE DIST.
DIRECTLY INTO fc'=2000 PSI MASONRY BLOCK, 4" MIN. EDGE DIST.
1-1/4" MIN. EMBED

**3/8" DIA. SUP-R-SLEEVE ANCHOR BY 'MKT'**
DIRECTLY INTO fc'=3500 PSI CONCRETE
1-3/4" MIN. EMBED
3-3/4" MIN. EDGE DISTANCE

**3/8" DIA. SLEEVE ANCHOR BY 'WEJ-IT'**
DIRECTLY INTO fc'=4000 PSI CONCRETE, 2-3/8" MIN. EMBED
DIRECTLY INTO fc'=2000 PSI MASONRY BLOCK, 1-1/4" MIN. EMBED
2-3/8" MIN. EDGE DISTANCE

**3/8" DIA. POWER BOLT BY 'POWERS'**
DIRECTLY INTO fc'=3000 PSI CONCRETE
2-1/2" MIN. EMBED
3" MIN. EDGE DISTANCE

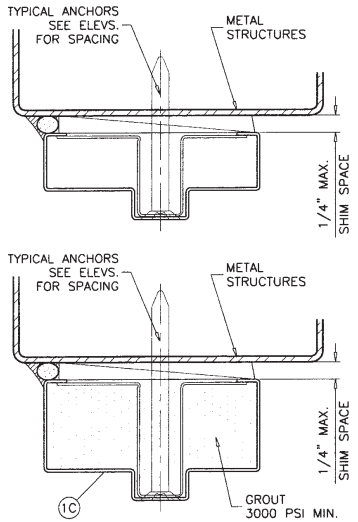
**3/8" DIA. SMS OR MACHINE BOLTS (MIN. GRADE 2 CRS)**
INTO METAL STRUCTURES (STEEL OR ALUMINUM 1/8" MIN. THICK.)
STEEL : Fy = 36 KSI MIN.
ALUMINUM : 6063-T5 MIN.
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

## TYPICAL ANCHORS @ THRESHOLD:

**1/4" OR 5/16" DIA. ULTRACONS** (Fu=177 KSI, Fy=155 KSI)
DIRECTLY INTO fc'=2730 PSI CONCRETE
2-1/2" MIN. EDGE DISTANCE

## SEALANT:

ALL JOINTS AND CORNERS SEALED WITH SILICONE.




GROUT FILLED HEAD OPTION

Approved as complying with the Florida Building Code
Date MAY 13, 2009
NOA# 07-0112.03
Miami Dade Product Control Division
By Shaq I. Chanda

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

APR 0 8 2009

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COMP-ANL\W08-85NDC

S-8080F OUT-SWING STEEL ENTRANCE DOOR

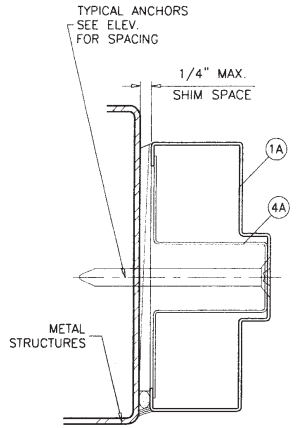
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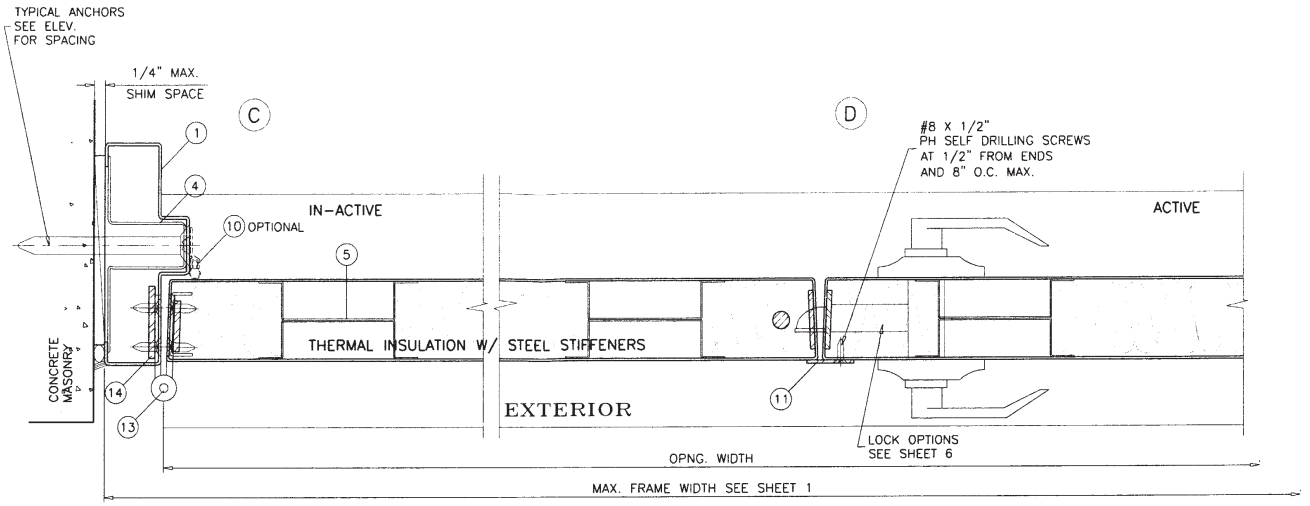
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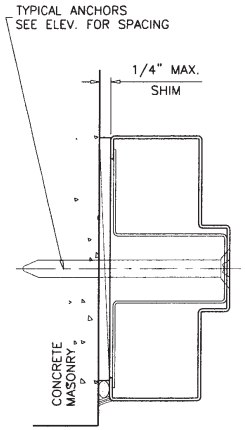
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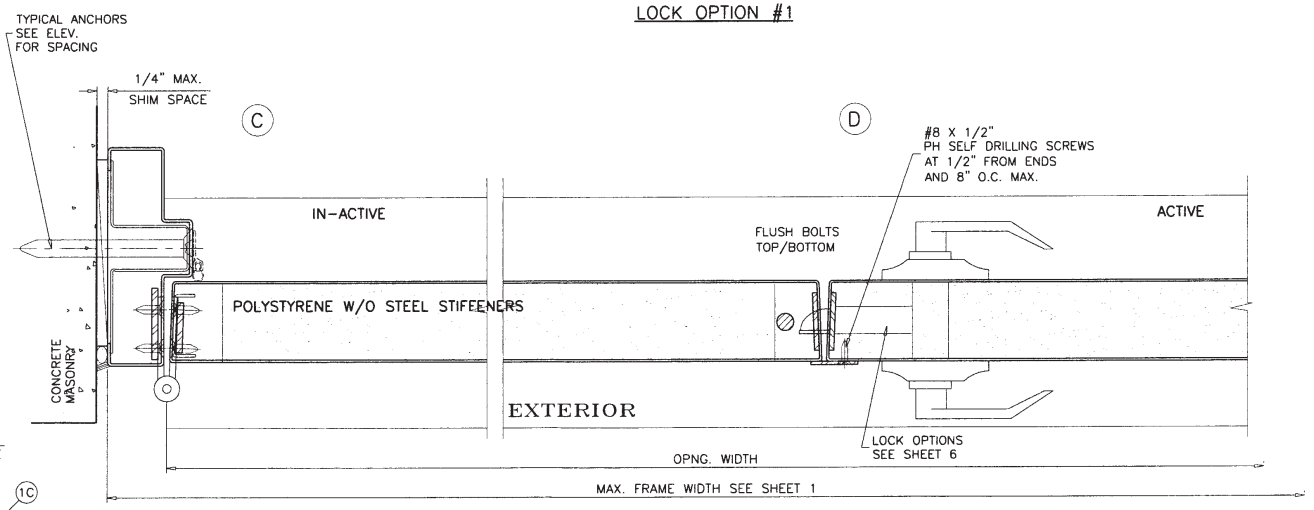
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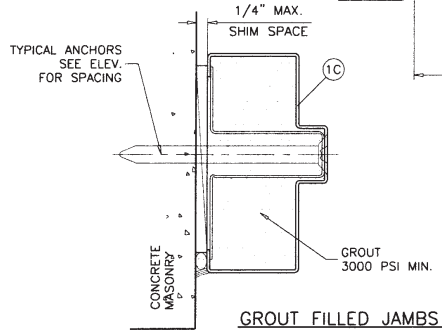




LOCK OPTION #1




LOCK OPTION #1




GROUT FILLED JAMBS OPTION

**Approved as complying with the Florida Buiding Code**
**Date** May 13, 2009
**NOA#** 09-0112.03
**Miami Dade Product Control Division**
**By** P. Shah / I. Chanda

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538
APR 08 2009


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S-8080F OUT-SWING STEEL ENTRANCE DOOR

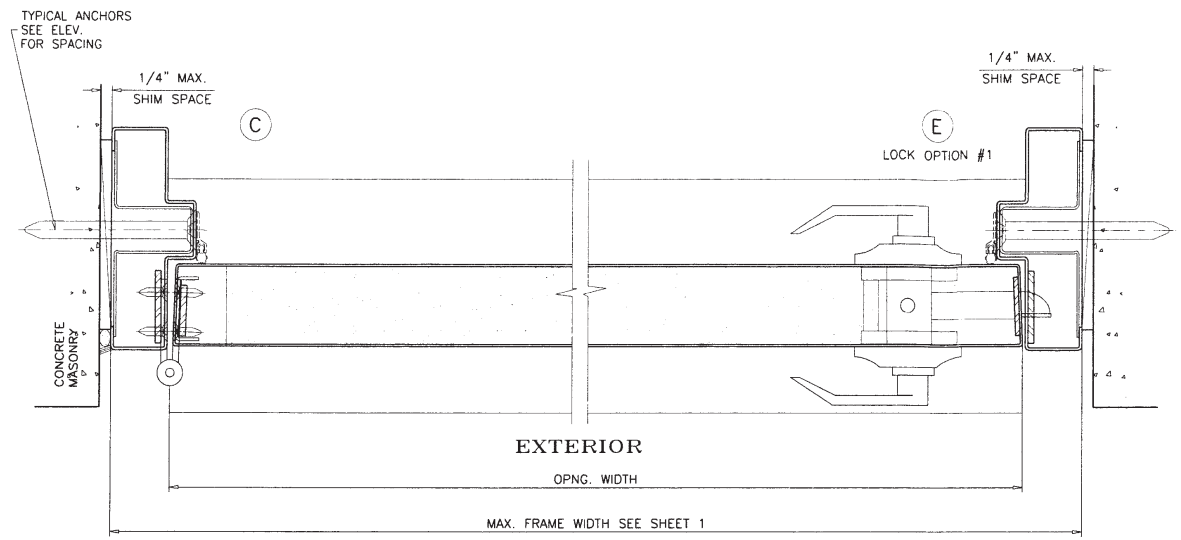
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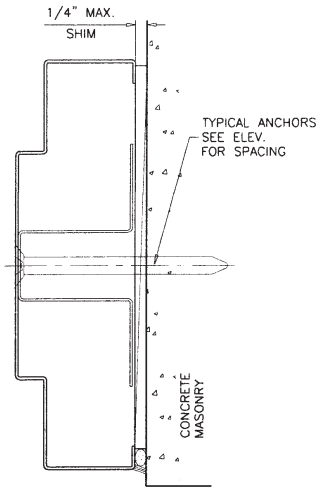
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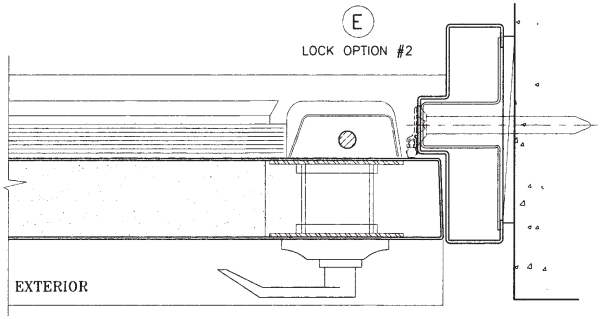
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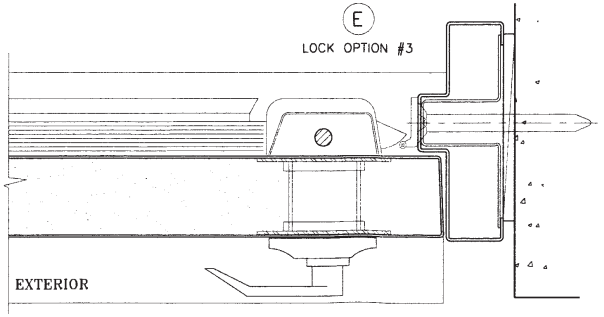
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W08-85

sheet 3 of 7

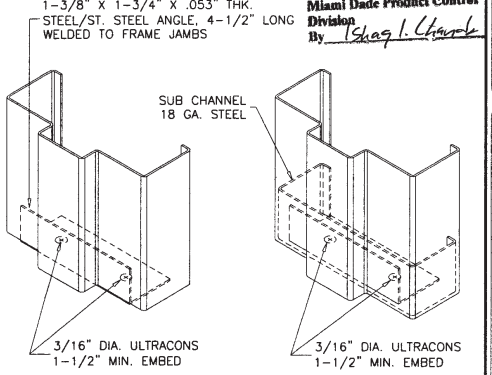



Approved as complying with the
Florida Buiding Code
Date MAY 13, 2009
NOA# 09-0112.03
Miami Dade Product Control
Division
By




BOTTOM CORNER ANCHORS DETAIL

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
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APR 0 8 2009


afc
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S-8080F OUT-SWING STEEL ENTRANCE DOOR

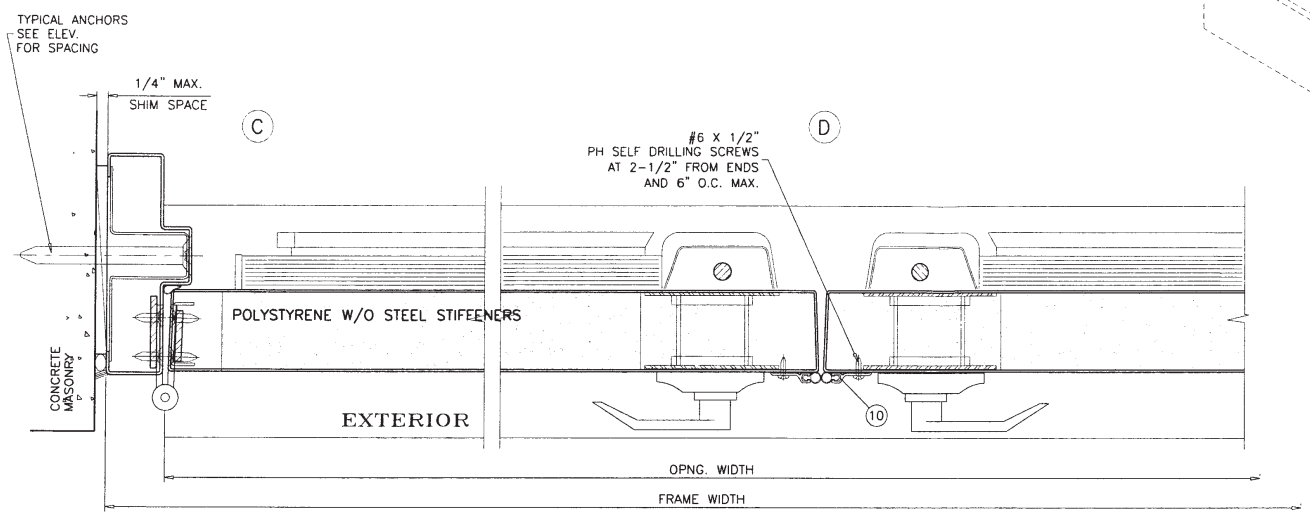
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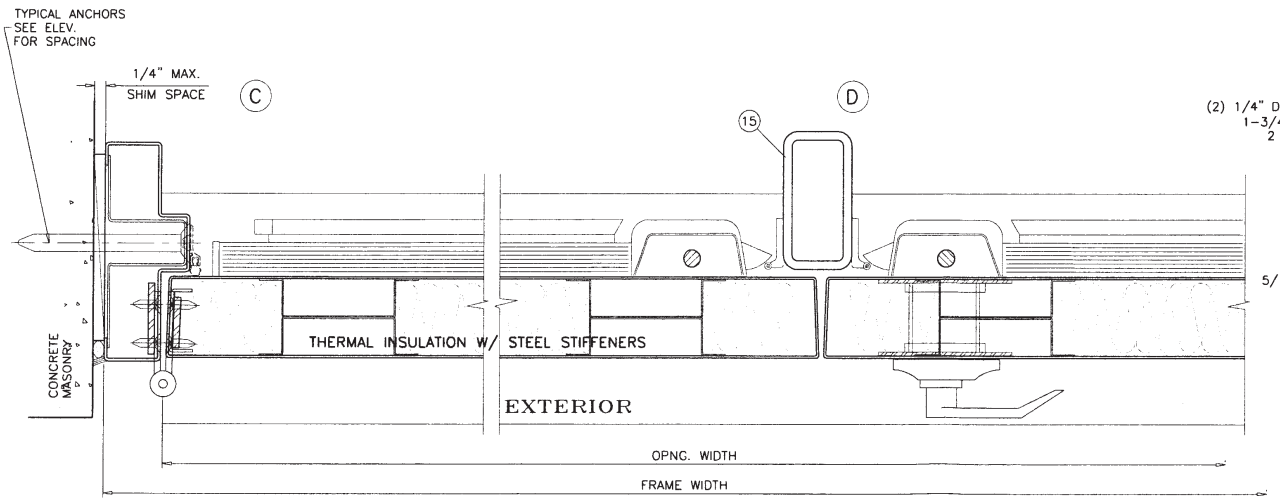
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W08-85

sheet 4 of 7



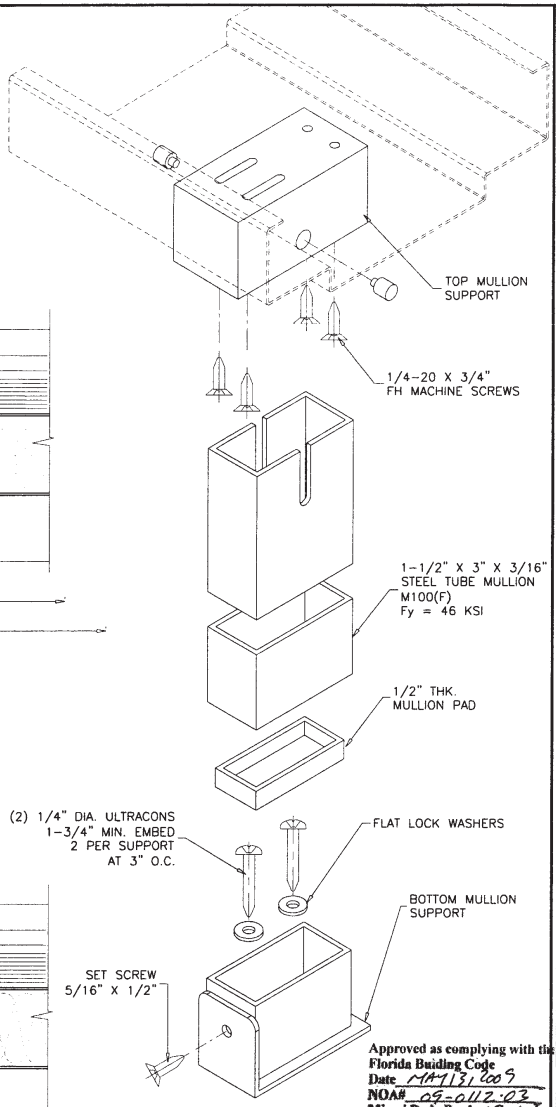

LOCK OPTION #2

(YALE PANIC W/ VERTICAL RODS)




LOCK OPTION #3

(YALE PANIC W/ YALE M100 MULLION)




Approved as complying with the Florida Building Code
Date MAY 13, 2009
NOA# 09-0112.03
Miami Dade Product Control Division
By

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
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S-8080F OUT-SWING STEEL ENTRANCE DOOR

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scale: 3/8" = 1"
dr. by: HAMID
chk. by:

drawing no.
W08-85

sheet 5 of 7

| ITEM NO. | PART NO. | QUANTITY | DESCRIPTION | MATERIAL | MANF./SUPPLIER/REMARKS |
|---|---|---|---|---|---|
| 1 | – | AS REQD. | FRAME HEAD/JAMB (4–3/4" X 1–1/4") | STEEL/ST. STL. | 16 GA. (.053") MIN. Fy = 49.0 KSI |
| 1A | – | AS REQD. | FRAME HEAD/JAMB (5–3/4" X 2") | STEEL/ST. STL. | 16 GA. (.053") MIN. Fy = 49.0 KSI |
| 1B | – | AS REQD. | FRAME HEAD/JAMB (8–3/4" X 4") | STEEL/ST. STL. | 16 GA. (.053") MIN. Fy = 49.0 KSI |
| 1C | – | AS REQD. | FRAME HEAD/JAMB (4–3/4" X 2") | STEEL/ST. STL. | 16 GA. (.053") MIN. Fy = 49.0 KSI |
| 2 | – | AS REQD. | FRAME JAMB (8–3/4" X 2") | STEEL/ST. STL. | 16 GA. (.053") MIN. Fy = 49.0 KSI |
| 3 | 2005AT | 1 | THRESHOLD | ALUMINUM | PEMKO |
| 3A | 2051AT | 1 | THRESHOLD | ALUMINUM | PEMKO |
| 4 | – | AS REQD. | BOLT SPACER (1–1/4" FRAME) | STEEL/ST. STL. | 18 GA. |
| 4A | – | AS REQD. | BOLT SPACER (2" FRAME) | STEEL/ST. STL. | 18 GA. |
| 4B | – | AS REQD. | BOLT SPACER (4" FRAME) | STEEL/ST. STL. | 18 GA. |
| 5 | – | 8/ LEAF | HAT STIFFENER IN PAIRS (4 ROWS VERTICAL) | STEEL/ST. STL. | 22 GA. |
| 6 | – | – | DOOR | STEEL/ST. STL. | 18 GA.(.042") MIN. Fy = 52.0 KSI |
| 7 | – | 2/ LEAF | TOP AND BOTTOM RAIL CHANNEL (FULL LENGTH) | STEEL/ST. STL. | 7/8 X 1–21/32 X 7/8 X 16 GA. |
| 8 | – | 1/ LEAF | TOP RAIL CAP (FULL LENGTH) | STEEL/ST. STL. | 3/4 X 1–1/2 X 3/4 X 18 GA. |
| 9 | – | 1 | POLYSTYRENE | – | DYPLAST W/ CURRENT NOA |
| 9A | – | 1 | THERMAL INSULATION | – | OWENS CORNING RA–24 BATT |
| 10 | 303AV | AS REQD. | W'STRIPPING ADAPTER (OPTIONAL AT HEAD/JAMBS) | – | PEMKO |
| 11 | – | – | FLAT BAR ASTRAGAL | STEEL/ST. STL. | 14 GA. |
| 12 | S88 | AS REQD. | FRAME W'STRIPPING | VINYL | PEMKO |
| 13 | – | 3/ LEAF | MORTISE HINGES | STEEL | – |
| 14 | – | 2/ HINGE | HINGE REINFORCEMENT (FRAME/DOOR) | STEEL/ST. STL. | 1–1/4" X 10" X 7 GA. |
| 15 | – | AS REQD. | 1–1/2" X 3" X 3/16" THK. MULLION TUBE | STEEL | – |

## LOCK OPTIONS:

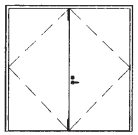
### ACTIVE LEAF:

'YALE' 8800 SERIES SURFACE MOUNT MORTISE LOCK
WITH A DEAD BOLT FUNCTION,
FASTENED WITH (2) #6 X 3/8" PH SELF DRILLING SCREWS.
4–7/8" LONG STEEL STRIKE PLATE AT 38" FROM BOTTOM,
FASTENED TO INACTIVE LEAF WITH (2) #12 X 1" FH SMS

### INACTIVE LEAF

'MCKINNEY FB01M' MANUALLY OPERATED FLUSHBOLTS
AT 12" FROM EACH END OF LEAF
FASTENED WITH (4) #8–32 X 3/4" FH MACHINE SCREWS
STEEL STRIKE PLATES FASTENED TO HEAD AND SILL WITH
(2) #8 X 3/4" PH SELF DRILLING SCREWS

NOTE: TOP AND BOTTOM FLUSH BOLTS MUST BE
ENGAGED DURING PERIODS OF HURRICANE WARNING.

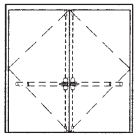


OPTION #1
MORTISE LOCK
W/ DEAD BOLT FUNCTION

### ACTIVE/INACTIVE LEAF:

OPTION #2: (YALE PANIC W/ VERTICAL RODS)

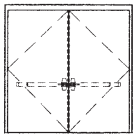
'YALE' 7110 SURFACE VERTICAL ROD PANIC DEVICE
ON INTERIOR ST. STEEL LEVER TYPE HANDLE WITH KEY
OPERATED ON EXTERIOR AT 40" FROM BOTTOM.
FASTENED WITH (2) #1/4–20 X 1" PH MACHINE SCREWS
AT LOCK AND HINGE STILES
1–5/8" LONG STEEL STRIKE PLATES AT HEAD
FASTENED TO FRAME WITH (2) #10 X 1" FH SELF DRILLING
SCREWS



OPTION #2

OPTION #3: (YALE PANIC W/ YALE M100 MULLION)

'YALE' 7100 RIM EXITS PANIC DEVICE ON INTERIOR ST. STEEL
LEVER TYPE HANDLE WITH KEY OPERATED ON EXTERIOR AT 40"
FROM BOTTOM.
FASTENED WITH (2) #1/4–20 X 1" PH MACHINE SCREWS
3–1/2" LONG STEEL STRIKE PLATE AT 40" FROM BOTTOM
FASTENED WITH (2) 1/4–20 X 1" PH MS AND
(2) #10–24 X 1" PH MACINE SCREWS



OPTION #3

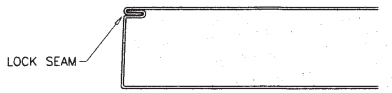
## HINGES:

STEEL MORTISE HINGES 3 PER LEAF AT 7–1/4" FROM TOP TO
CL OF HINGE, AT 12–1/4" FROM BOTTOM TO CL OF HINGE,
CENTER HINGE EQUALLY SPACED FROM TOP & BOTTOM HINGE
FASTENED WITH #12–24 X 1/2" FH MACHINE SCREWS
FOUR PER HASP(LEAF).

## DOOR EDGE CONSTRUCTION OPTIONS:

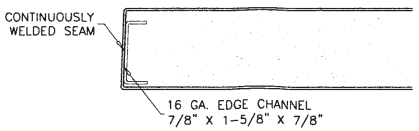
OPTION #1:

LOCK SEAM EDGE CONSTRUCTION




OPTION #1:

BUTT SEAM EDGE CONSTRUCTION




Approved as complying with the
Florida Building Code
Date MAY 13, 2009
NOA# 09-0112.03
Miami Dade Product Control
Division
By

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16357
C.A.N. 3538

APR 0 8 2009


AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978


COMP-ANL\W08-85NDC

S-8080F OUT-SWING STEEL ENTRANCE DOOR

NEXT DOOR COMPANY
1300 N.W. 74TH STREET
MIAMI, FL. 33147
TEL. (305) 691-1589 FAX. (305) 836-2584

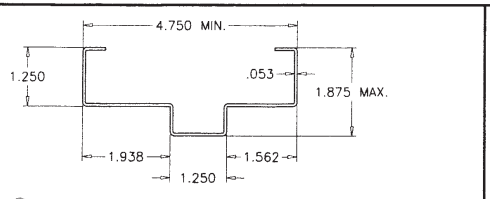
revisions:

| no | date | by | description |
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| B | 04.06.09 | | NO CHANGE THIS SHEET |

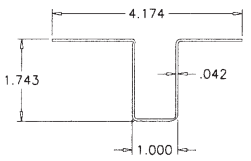
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dr. by: HAMID
chk. by:

drawing no.
W08-85

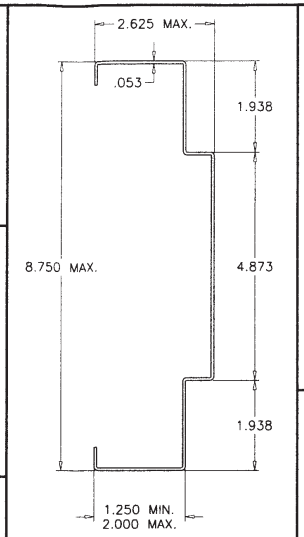
sheet 6 of 7



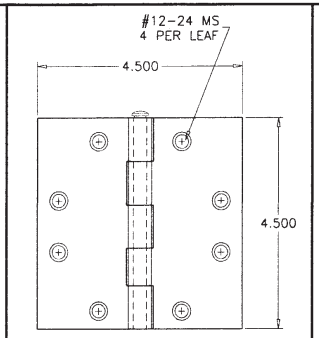

① FRAME HEAD/JAMB



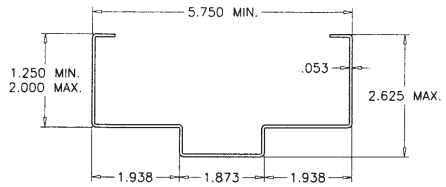

④ BOLT SPACER



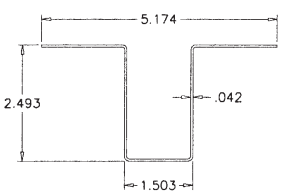

② FRAME JAMB



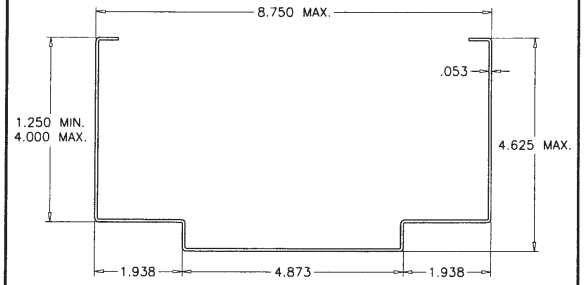

⑬ .134" THICK STEEL HINGE



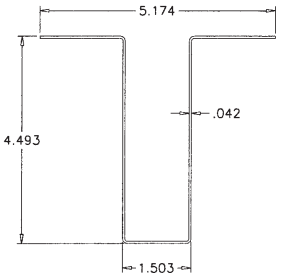

1A FRAME HEAD/JAMB



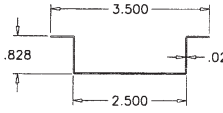

4A BOLT SPACER



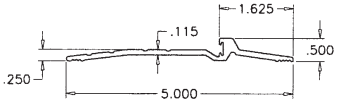

1B FRAME HEAD



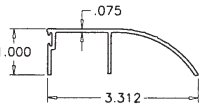

4B BOLT SPACER



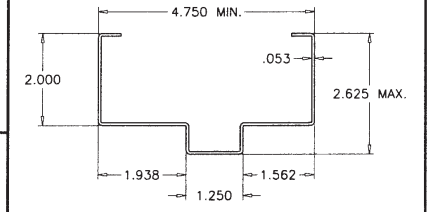

⑤ HAT CHANNEL REINFORCING



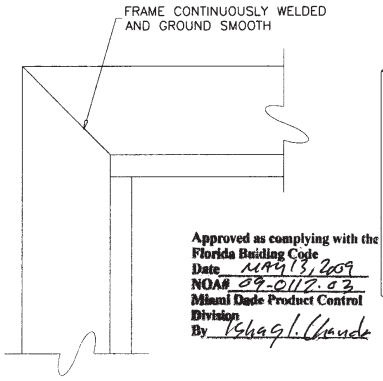

③ BUMPER THRESHOLD

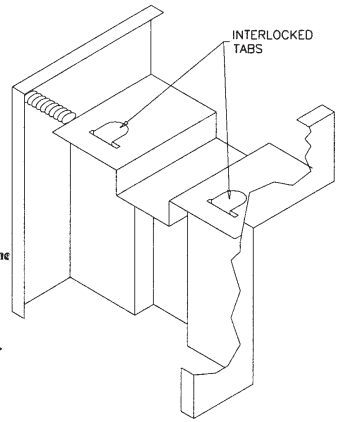



3A BUMPER THRESHOLD




1C FRAME HEAD/JAMB (GROUT FILLED)




FRAME CORNERS

Approved as complying with the Florida Building Code
Date 11/13/2009
NOA# 09-0117.03
Miami Dade Product Control Division
By

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

APR 08 2009


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drawing no.
W08-85

sheet 7 of 7