



**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.buildingcodeonline.com**

NOTICE OF ACCEPTANCE (NOA)

**DAB DOORS INC.
12195 NW 98th Ave.
Hialeah Gardens, FL 33018**

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 the BCCO and accepted by the Building Code and Product Review Committee (BCPRC) 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 BCCO (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. BCPRC reserves the right to revoke this acceptance, if it is determined by BCCO 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.

DESCRIPTION: Sectional Residential Garage Door 16' Wide.

APPROVAL DOCUMENT: Drawing No.02-21, Sheets 1 through 4 of 4, titled "Sectional Residential Garage Door," dated 09/10/02, with last revision on 05/20/05, prepared by Al-Farooq Corporation, signed and sealed by H. Farooq, PE. bearing the Miami-Dade County Product Control Approval stamp with the NOA number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large & Small Missile.

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 or MDPKA", 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.

LIMITATION: This approval requires the manufacturer to do testing of all coils used to fabricate door panel under this Notice of Acceptance. A minimum of 2 specimens shall be cut from each coil and tensile tested according to ASTM E-8 by a Miami-Dade County approved laboratory selected and paid by the manufacturer. Every 3 months, four times a year, the manufacturer shall mail to this office: a copy of the tested reports with confirmation that the specimens were selected from coils at the manufacturer production facilities, and a notarized statement from the manufacturer that only coils with yield strength of 39,000 psi or more shall be used to make panels for Miami Dade County under this Notice of Acceptance.

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 page as well as approval document mentioned above.

The submitted documentation was reviewed by **Candido F. Font PE.**


07/21/05



**NOA No: 05-0228.02
Expiration Date: July 21, 2010
Approval Date: July 21, 2005
Page 1**

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A DRAWINGS

1. Drawing prepared by Al-Farooq Corporation titled "Sectional Residential Garage Door", Drawing No. 02-21, dated 09/10/02 with latest revision on 05/20/05 Sheets 1 through 4 of 4 signed and sealed by H. Farooq, PE.

B TEST

1. Test Report on Large Missile Impact Test and Cyclic Wind Pressure Test, of "Sectional Residential Door with Windows" prepared by Hurricane Engineering & Testing Inc. Report No. HETI 03-1328 dated 07/15/03, signed and sealed by R. E. Droz-Seda, PE.
2. Test Report on Uniform Static Air Pressure Test, of "Sectional Residential Door" prepared by Hurricane Engineering & Testing Inc., report No. HETI 03-1329, dated 07/15/03 signed and sealed by R. E. Droz-Seda PE.
3. Test Report on Tensile Test per ASTM E-8 of "Sectional Residential Door (skin)" prepared by Hurricane Engineering & Testing Inc, report No. HETI 03-T078 dated 10/31/03, signed and sealed by R. E. Droz-Seda PE.

C CALCULATIONS

1. Anchor calculations, prepared by Al-Farooq Corporation on 08/19/02, Sheets 1 through 6 signed and sealed by H. Farooq, PE.

D MATERIAL CERTIFICATION

1. Test Report on Accelerated Weathering Using Xenon Arc Light Apparatus Test per ASTM G155 of "PVC Extrusion Material" prepared by Hurricane Engineering & Testing, Inc Report No. HETI 04-A002, dated 09/27/04 signed and sealed by R. E. Droz-Seda PE.
2. Test Reports on Tensile Test per ASTM D638 of "PVC Extrusion Material" prepared by Hurricane Engineering & Testing Inc. Report No. HETI 04-T251 dated 11/29/04 signed and sealed I. Ghia PE.
3. Test Report on Self-Ignition Temperature Test, Rate of Burn Test and Smoke Density Test of "REHAU non-foam PVC extrusion material" prepared by ETC Laboratories Report No. 04-761-15019.0 dated 05/06/04 signed and sealed by J. L. Doldan PE.

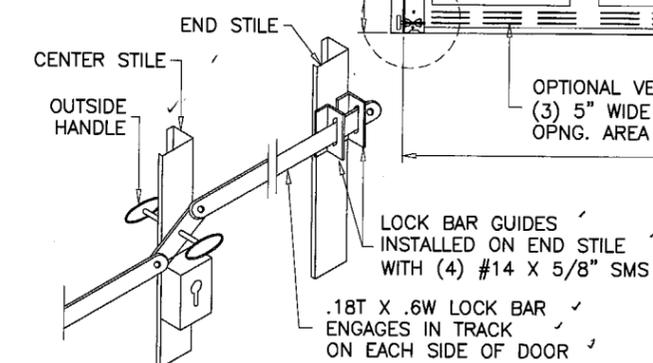
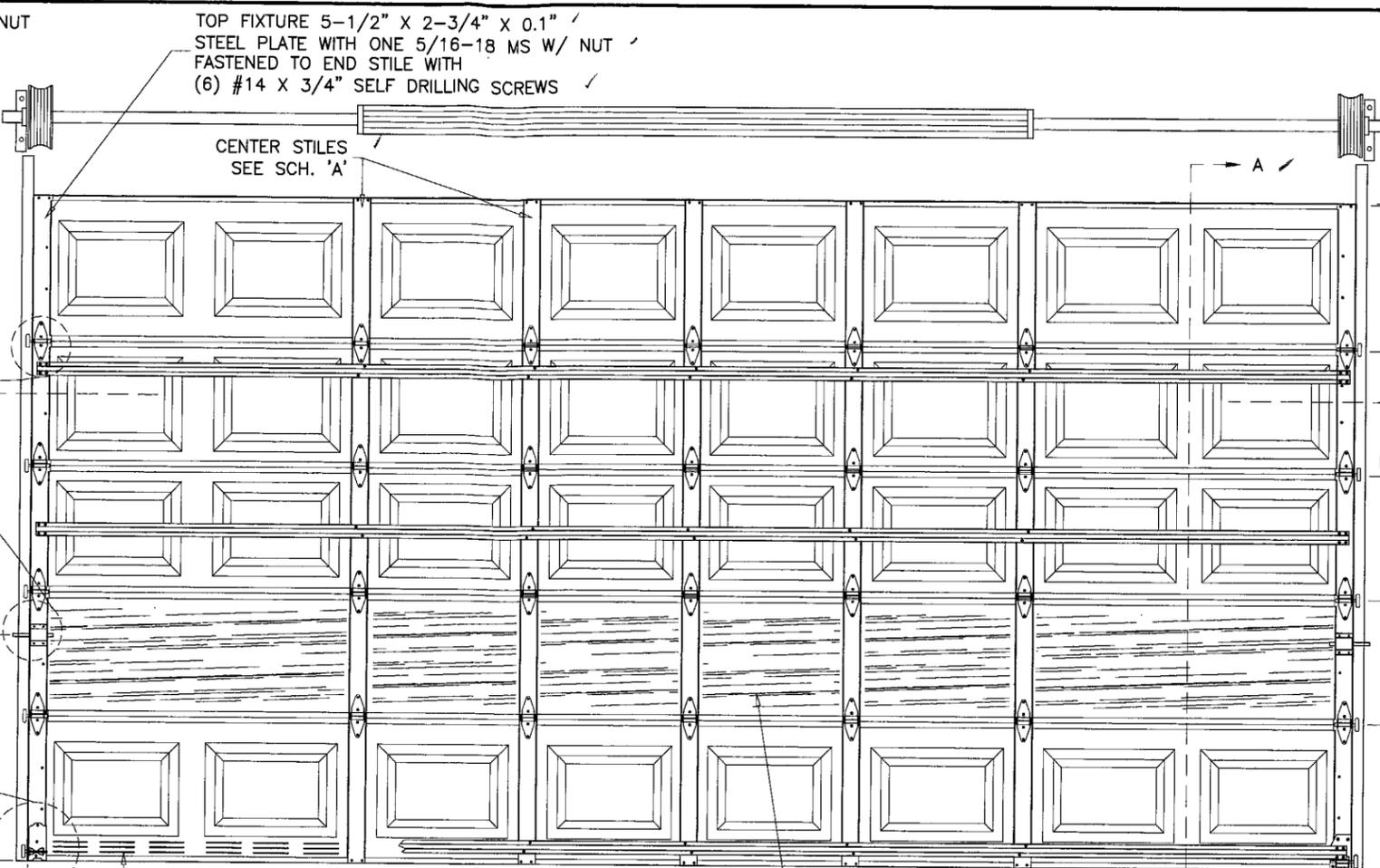
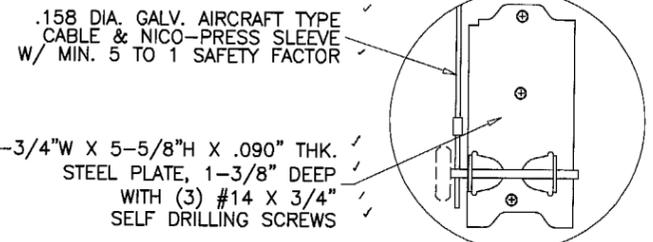
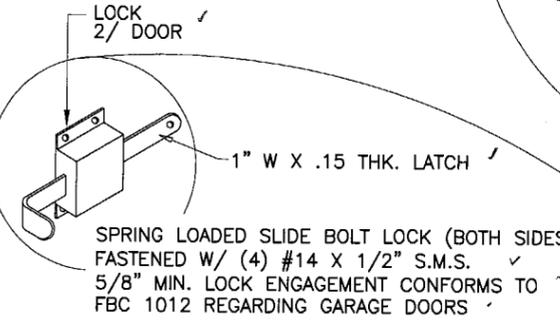
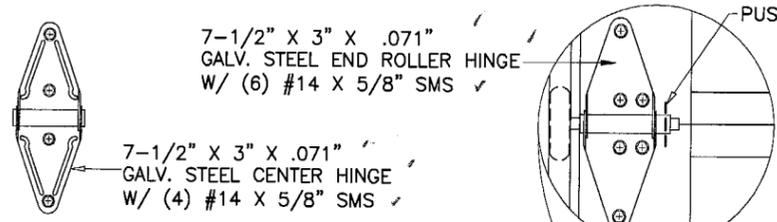
E STATEMENTS

1. Letter of Code compliance prepared by Al-Farooq Corporation, dated 01/25/05, Signed and sealed by H. Farooq, PE.
2. Letter of No financial interest prepared by Al-Farooq Corporation, dated 01/25/05, signed and sealed by H. Farooq, PE and notarized by V. Bencid.

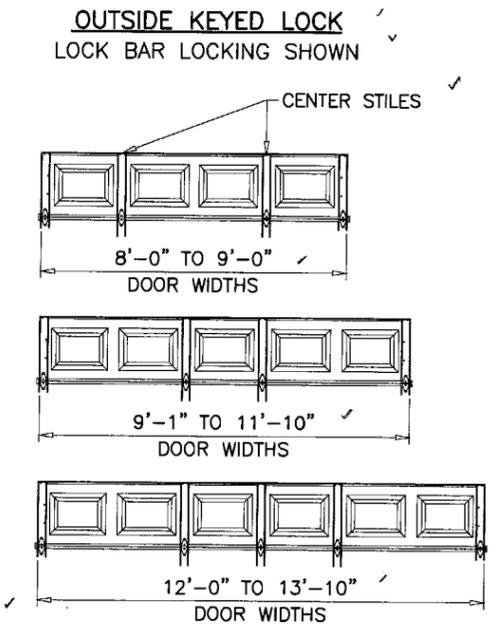

07/21/05
Candido F. Font PE.
Sr. Product Control Examiner
NOA No 05-0228.02
Expiration Date: July 21, 2010
Approval Date: July 21, 2005

| no. | date | by | description |
|-----|----------|----------------------------|-------------|
| A | 12.09.02 | REV. PER BCCO COMMENTS | |
| B | 01.19.05 | DOORS W/ WDW. OPTION ADDED | |
| C | 05.20.05 | REV. PER BCCO COMMENTS | |

| | |
|----------|--------------|
| date: | 09-10-02 |
| scale: | 1/2" = 1'-0" |
| dr. by: | HAMID |
| chk. by: | |



| DOOR HEIGHT | CONSISTS OF | | TOTAL # OF 'U' BARS AT EACH DOOR |
|-------------|----------------|----------------|----------------------------------|
| 6'-6" | 2 SECTIONS 18" | 2 SECTIONS 21" | 3 |
| 6'-9" | 1 SECTION 18" | 3 SECTIONS 21" | |
| 7' | 4 SECTIONS 21" | - | |
| 7'-3" | - | - | |
| 7'-6" | 5 SECTIONS 18" | - | |
| 7'-9" | 4 SECTIONS 18" | 1 SECTION 21" | |
| 8' | 3 SECTIONS 18" | 2 SECTIONS 21" | 4 |
| 8'-3" | 2 SECTIONS 18" | 3 SECTIONS 21" | |
| 8'-6" | 1 SECTION 18" | 4 SECTIONS 21" | |
| 8'-9" | 5 SECTIONS 21" | - | |
| 9' | 6 SECTIONS 18" | - | |
| 9'-3" | 5 SECTIONS 18" | 1 SECTION 21" | |
| 9'-6" | 4 SECTIONS 18" | 2 SECTIONS 21" | 5 |
| 9'-9" | 3 SECTIONS 18" | 3 SECTIONS 21" | |
| 10' | 2 SECTIONS 18" | 4 SECTIONS 21" | |
| 10'-3" | 1 SECTION 18" | 5 SECTIONS 21" | |
| 10'-6" | 6 SECTIONS 21" | - | |
| 10'-9" | 6 SECTIONS 18" | 1 SECTION 21" | |
| 11' | 5 SECTIONS 18" | 2 SECTIONS 21" | 6 |
| 11'-3" | 4 SECTIONS 18" | 3 SECTIONS 21" | |
| 11'-6" | 3 SECTIONS 18" | 4 SECTIONS 21" | |
| 11'-9" | 2 SECTIONS 18" | 5 SECTIONS 21" | |
| 12' | 1 SECTIONS 18" | 6 SECTIONS 21" | |
| 12'-3" | 7 SECTIONS 21" | - | |
| 12'-6" | 6 SECTIONS 18" | 2 SECTIONS 21" | 7 |
| 12'-9" | 5 SECTIONS 18" | 3 SECTIONS 21" | |
| 13' | 4 SECTIONS 18" | 4 SECTIONS 21" | |
| 13'-3" | 3 SECTIONS 18" | 5 SECTIONS 21" | |
| 13'-6" | 2 SECTIONS 18" | 6 SECTIONS 21" | |
| 13'-9" | 1 SECTION 18" | 7 SECTIONS 21" | |
| 14' | 8 SECTIONS 21" | - | 8 |
| 14'-3" | 6 SECTIONS 18" | 3 SECTIONS 21" | |
| 14'-6" | 5 SECTIONS 18" | 4 SECTIONS 21" | |
| 14'-9" | 4 SECTIONS 18" | 5 SECTIONS 21" | |
| 15' | 3 SECTIONS 18" | 6 SECTIONS 21" | |
| 15'-3" | 2 SECTIONS 18" | 7 SECTIONS 21" | |
| 15'-6" | 1 SECTION 18" | 8 SECTIONS 21" | 9 |
| 15'-9" | 9 SECTIONS 21" | - | |
| 16' | 6 SECTIONS 18" | 4 SECTIONS 21" | 10 |



INSIDE ELEVATION
 RAISED PANEL EMBOSSED DOOR

DAB DOOR MODEL 824
 MAX. SIZE 16'-2" WIDE X 16'-0" HIGH
 24 GA. ROLL FORMED STEEL

DESIGN PRESSURE RATING = + 36.0 PSF
 - 44.0 PSF

THIS PRODUCT IS RATED FOR LARGE MISSILE IMPACT

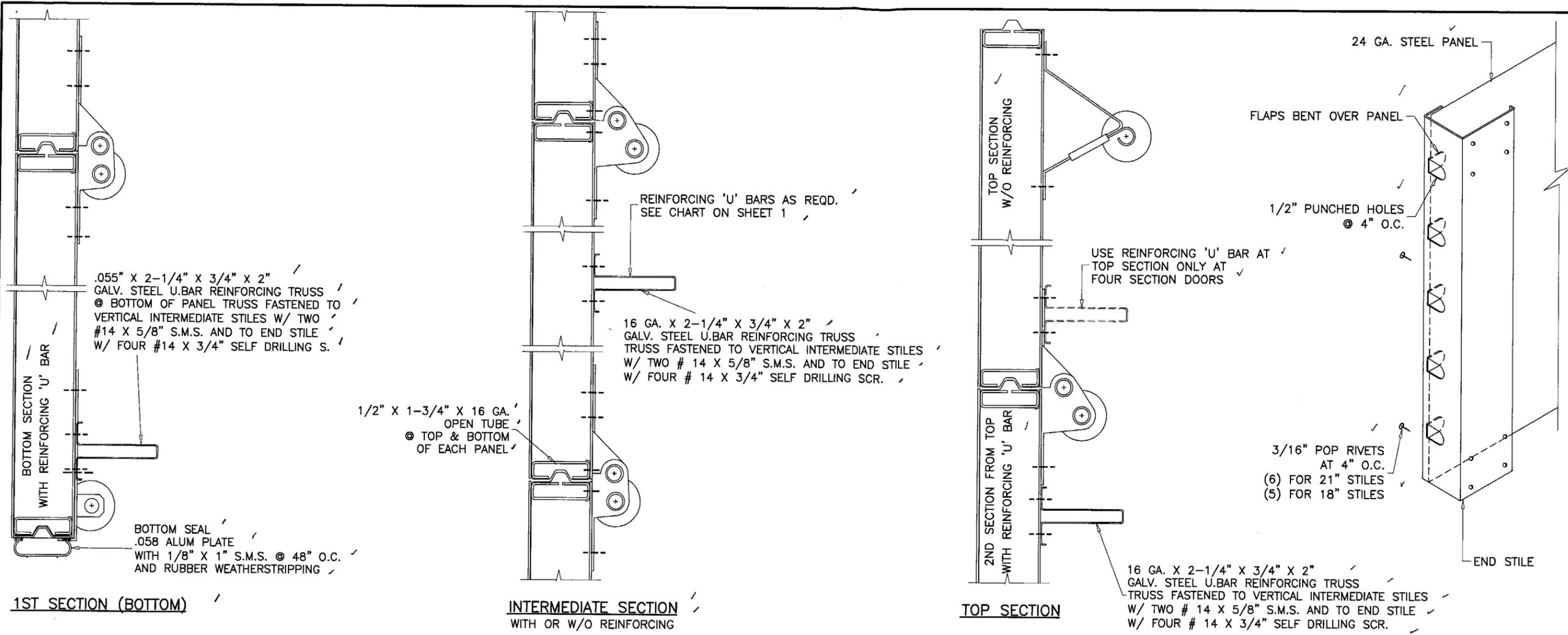
GENERAL NOTES

1. THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE.
2. ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
3. ALL BOLTS, NUTS AND WASHERS SHALL BE ZINC PLATED CARBON STEEL.
4. ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.
5. A 33% INCREASE IN ALLOWABLE STRESS IS USED IN DESIGN OF WOOD ANCHORS ONLY.

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

JUN 06 2005

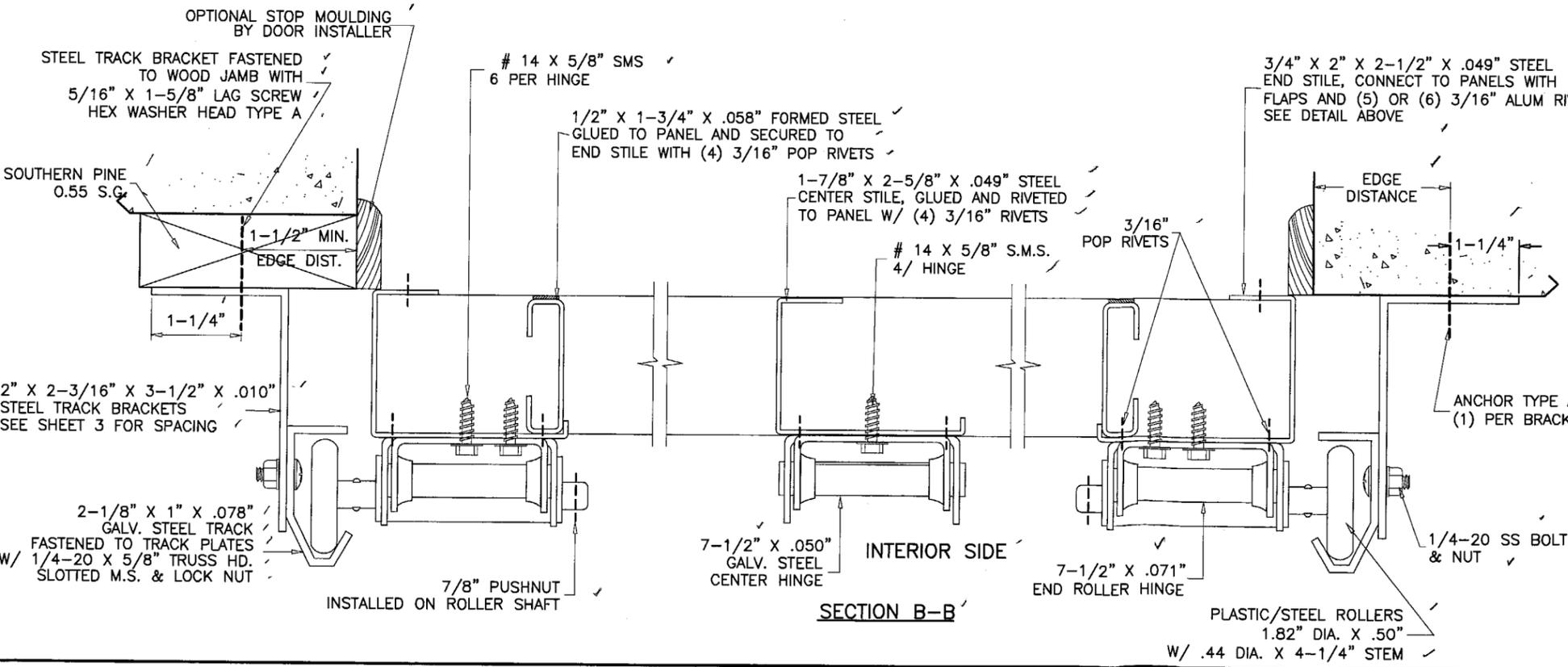
Approved as complying with the Florida Building Code
 Date: 07/21/05
 NOA#: 05-0228-02
 Miami Dade Product Control
 Division



1ST SECTION (BOTTOM)

INTERMEDIATE SECTION
WITH OR W/O REINFORCING

TOP SECTION



SECTION B-B

- ANCHORS:**
- A) **3/8\" DIA. POWERS WEDGE BOLT ANCHOR**
3-1/2\" MIN. EMBED INTO GROUT FILLED MASONRY BLOCKS
2\" MIN. EMBED INTO CONC. (3000 PSI MIN.)
 - B) **3/8\" DIA. HILTI KWIK BOLT II**
2-1/2\" MIN. EMBED INTO GROUT FILLED MASONRY BLOCKS
1-5/8\" MIN. EMBED INTO CONC. (3000 PSI MIN.)
- 2-1/2\" MIN. EDGE DISTANCE INTO MASONRY
3\" MIN. EDGE DISTANCE INTO CONC.

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

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NOAH 05-0228-02
Miami Dade Product Control
Division



AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
GARAGE\02-21DAB

SECTIONAL RESIDENTIAL GARAGE DOOR

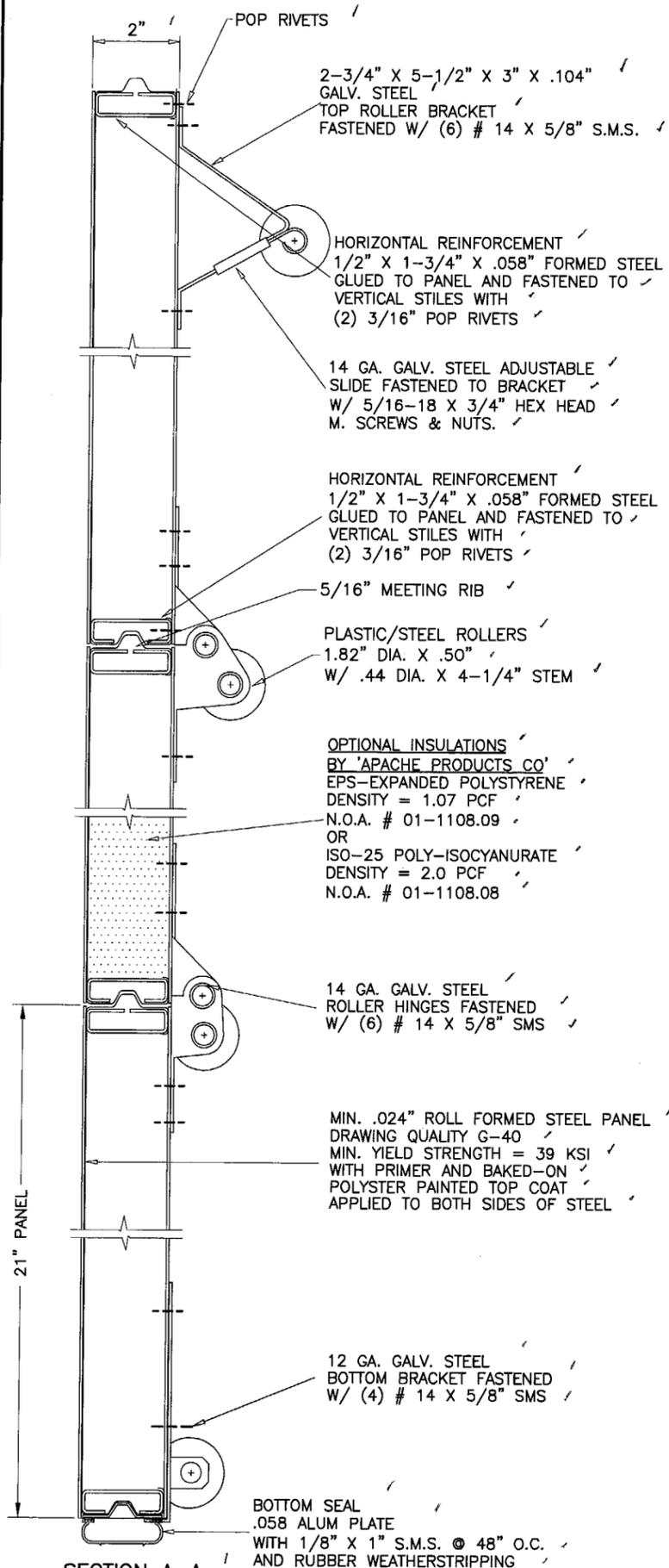
DAB DOORS INC.
12195 N.W. 98 TH. AVE.
HIALEAH GARDENS, FL. 33018
TEL. (305) 556 - 6624

| no | date | description | REV. PER BCCO COMMENTS |
|----|----------|-------------|------------------------|
| A | 12.09.02 | | |
| B | 01.19.05 | | NO CHANGE THIS SHEET |
| C | 05.20.05 | | REV. PER BCCO COMMENTS |

revisions:

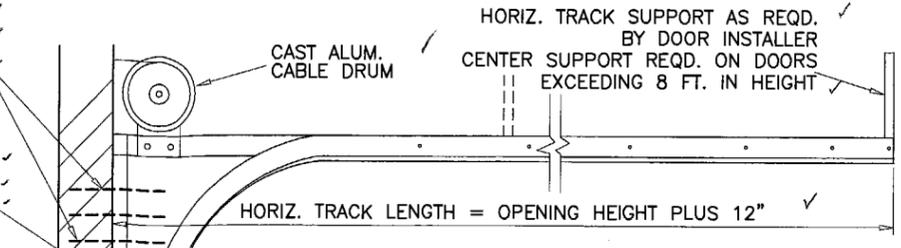
date: 09-10-02
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dr. by: HAMID
chk. by:

drawing no. **02-21**
sheet 2 of 4



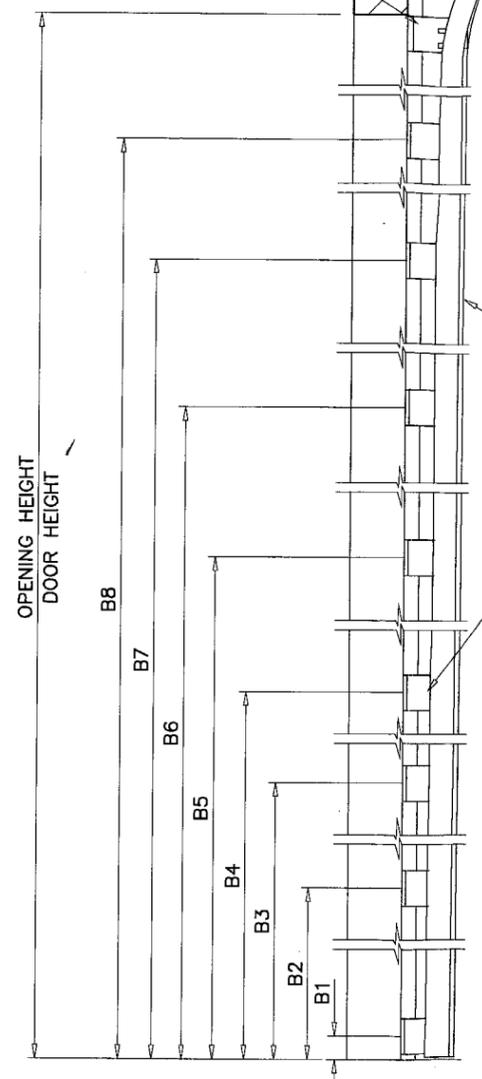
5/16" X 1-5/8" LAG SCREWS INTO WOOD OR 5/16" SLEEVE ANCHORS WITH 1-1/4" EMBED INTO MASONRY 3 PER BRACKET

2-1/2" X 4-1/4" X 13 GA. STEEL PLATES WELDED TO 1-1/2" X 1-1/2" X 14 GA. ANGLE FASTENED TO TRACK WITH (4) 1/4-20 SS. BOLT & NUTS



| DOOR HEIGHT | * SECTION HEIGHTS | | | | | BRACKET PLACEMENTS | | | | | | | |
|-------------|-------------------|-----|-----|-----|-----|--------------------|---------|-----|-----|-----|-----|-----|---------|
| | 1ST | 2ND | 3RD | 4TH | 5TH | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 |
| 6'-0" | 18" | 18" | 18" | 18" | N/A | 1" | 11-3/4" | 23" | 34" | 45" | 56" | 67" | - |
| 6'-6" | 21" | 18" | 18" | 21" | N/A | 1" | 11-3/4" | 23" | 34" | 45" | 56" | 67" | - |
| 7'-0" | 21" | 21" | 21" | 21" | N/A | 1" | 11-3/4" | 23" | 34" | 45" | 56" | 67" | 78-1/4" |
| 7'-6" | 18" | 18" | 18" | 18" | 18" | 1" | 11-3/4" | 23" | 34" | 45" | 56" | 67" | 78-1/4" |
| 8'-0" | 21" | 18" | 18" | 18" | 21" | 1" | 11-3/4" | 23" | 34" | 45" | 56" | 67" | 78-1/4" |

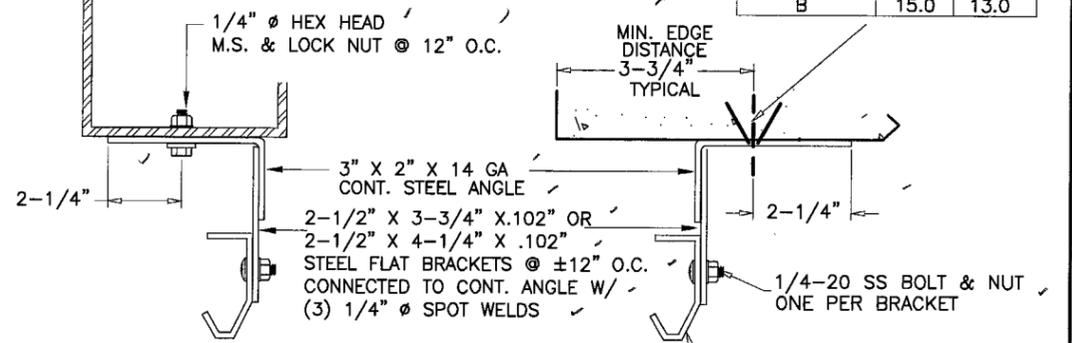
*-SECTIONS ARE NUMBERED STARTING AT THE BOTTOM FOR DOORS MORE THAN 8 FT. HIGH, USE ADDITIONAL TRACK BRACKETS AT 10" O.C.



TRACK CONFIGURATION

- ANCHORS:**
- A) 5/16" DIA. HILTI HLC SLEEVE ANCHORS
1-1/4" MIN. EMBED INTO MASONRY
1-1/4" MIN. EMBED INTO CONC. (3000 PSI MIN.)
- B) 3/8" DIA. HILTI HLC SLEEVE ANCHORS
1-1/4" MIN. EMBED INTO MASONRY
1-1/4" MIN. EMBED INTO CONC. (3000 PSI MIN.)

| ANCHOR SPACING - INCHES | | |
|-------------------------|-------|-------|
| ANCHOR TYPE | CONC. | BLOCK |
| A | 12.0 | 11.0 |
| B | 15.0 | 13.0 |



ALTERNATE TRACK INSTALLATION

WOOD FRAME BUILDINGS

STUD WALLS OR DOOR OPENING SHALL BE FRAMED SOLID BY NOT LESS THAN (3) 2X6 PRESSURE TREATED GRADE 2 OR BETTER WOOD STUDS. STUD WALLS TO BE CONT. FROM FOOTING TO TIE BEAM.

WOOD BUCK CONNECTION TO MASONRY

TRACK SHALL BE SECURED WITH TRACK BRACKETS TO PRESSURE TREATED 2X6 WOOD JAMBS WHICH SHALL BE ANCHORED TO GROUTED REINFORCED MASONRY BLOCK WALL OR CONC. COLUMN W/ 1/4" TAPCONS WITH 1-3/4" EMBED AND A SPACING OF 10" O.C. OR 3/8" DIA. HILTI SLEEVE ANCHORS, 1-3/4" MIN. EMBED AND A SPACING OF 12" O.C. THE BLOCK WALL CELLS SHALL BE GROUT FILLED AND REINFORCED WITH FOUR # 5 BARS EXTENDING INTO FOOTING AND INTO TIE BEAMS, ALL BARS SHALL BE CONTINUOUS FROM TIE BEAMS TO FOOTING.

PREPARATION OF JAMBS BY OTHERS

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

JUN 06 2005

Approved as complying with the Florida Building Code
Date: 07/21/05
NOA# 03-022802
Miami Dade Product Control
Division

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

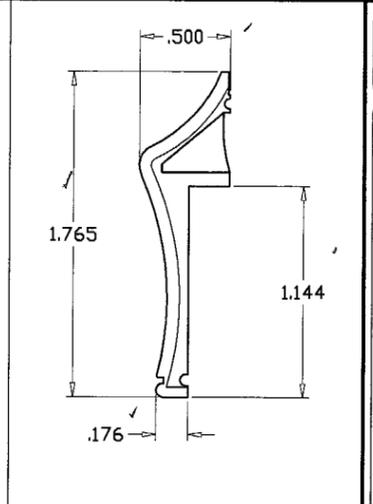
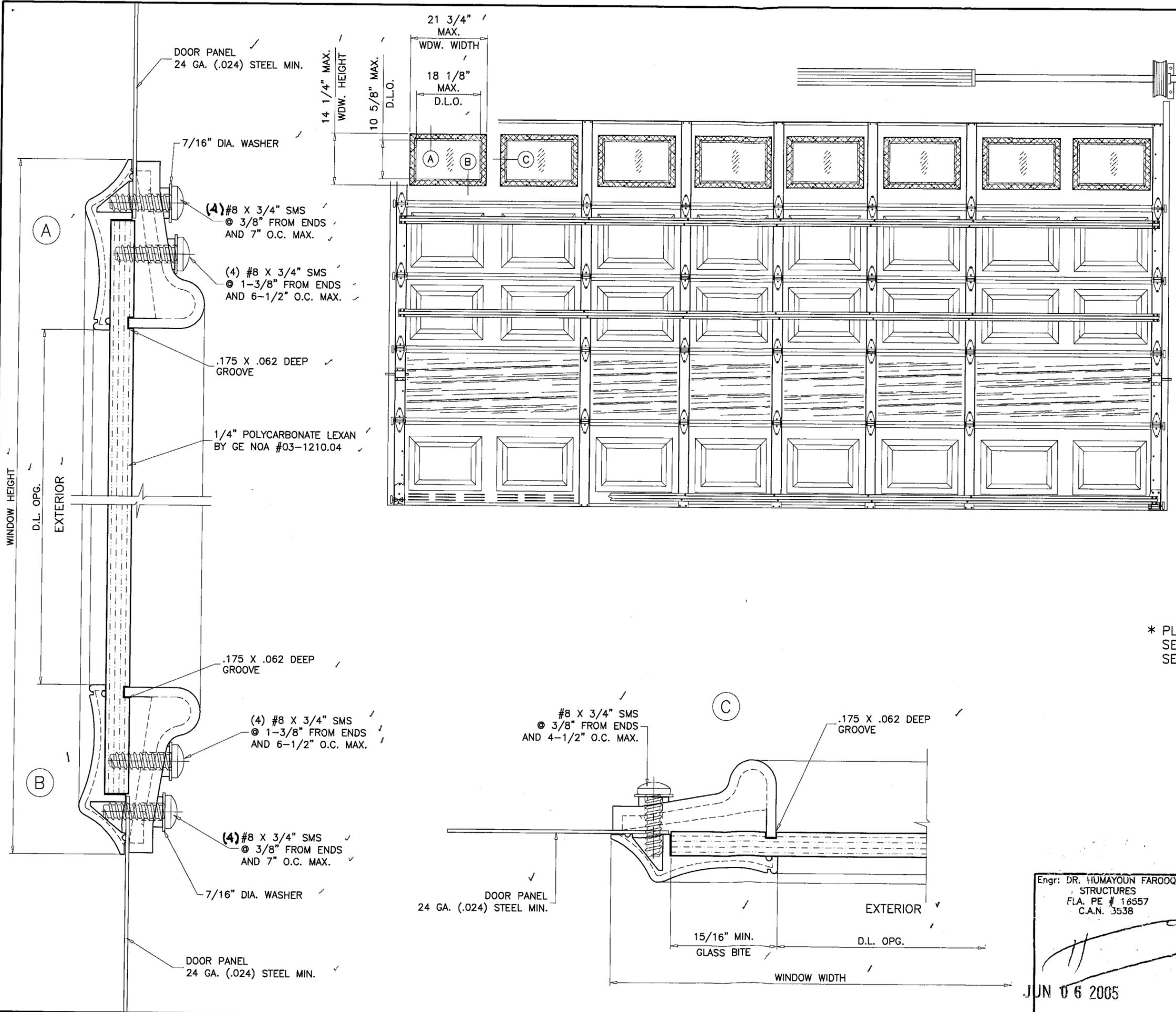
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| A | 12.09.02 | REV. PER BCCO COMMENTS |
| B | 01.19.05 | NO CHANGE THIS SHEET |
| C | 05.20.05 | REV. PER BCCO COMMENTS |

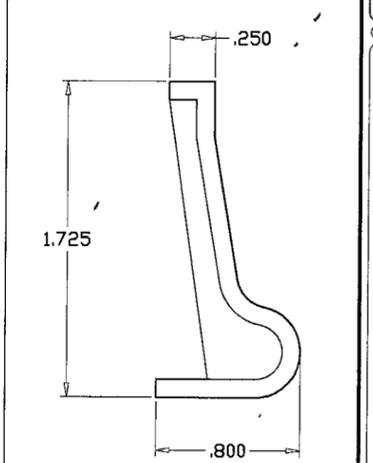
date: 09-10-02
scale: -
dr. by: HAMID
chk. by:

drawing no. 02-21
sheet 3 of 4

SECTION A-A
SEE SHEET 2 FOR LOCATION OF REINFORCING TRUSSES



* EXTERIOR FRAME
 RIGID PVC ONE PIECE INJECTION



* INTERIOR FRAME
 RIGID PVC ONE PIECE INJECTION

* PLASTIC COMPLIES WITH
 SECTION 2605.2 OF FBC 2001
 SEE EVIDENCE PAGE

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

Approved as complying with the
 Florida Building Code
 Date 07/21/05
 NCAP 05-0225-02
 Miami Date Product Control
 Division
 JUN 06 2005

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 GARAGE\02-21DAB

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 HIALEAH GARDENS, FL. 33018
 TEL. (305) 556 - 6624

| no | date | description |
|----|----------|----------------------------|
| B | 01.19.05 | DOORS W/ WDW. OPTION ADDED |
| C | 05.20.05 | REV. PER BCCO COMMENTS |

date: 09-10-02
 scale: -
 dr. by: HAMID
 chk. by:
 drawing no.
02-21
 sheet 4 of 4