



BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Raynor Garage Doors
1101 East River Road, P.O. Box 448
Dixon, IL 61021

Your application for Notice of Acceptance (NOA) of:

Prisma 9'x8' Garage Door

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

ACCEPTANCE NO.: 01-0323.05
EXPIRES: 02/14/2006

Raul Rodriguez
Chief Product Control Division

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL
CONDITIONS
BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 02/14/2002

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

- 1.1 This approves a Sectional Steel Door as described in Section 2 of this Notice of Acceptance. And it is designed to comply with the South Florida Building Code, 1994 Edition for Miami-Dade County (SFBC) for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the design pressure rating values indicated in the approved drawings.

2. PRODUCT DESCRIPTION

- 2.1 The **Prisma 9' 0" Wide** door and its components shall be constructed in strict compliance with the following documents: Drawing No. P-1283, titled "Spec. Windload Prisma 9' 0" Wide" prepared by Raynor Garage Doors, dated 09/13/00 with latest revision on 12/04/01, Sheet 1 of 1. It bears the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by Miami-Dade Product Control Division. These documents shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

- 3.1 Units with dimensions equal to or smaller than those shown on the approved drawings shall qualify under this approval, as long as all components are exactly as described in this approval.
- 3.2 This approval requires the manufacturer to do testing of all coils used to fabricate door panels 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 Dade County Approved Laboratory selected and paid by the manufacturer. Every 3 months, 4 times a year the manufacturer shall mail to this office a copy of the Test Reports with confirmation that the specimens were selected from coils at the manufacturer's production facilities. And a notarized statement from the manufacturer that only coils with yield strength of 44,000 PSI or more shall be used to make door panels for Dade County under this Notice of Acceptance.

4. INSTALLATION

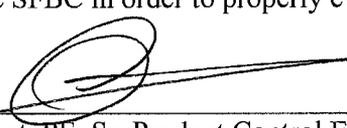
- 4.1 The Sectional Door and its components shall be constructed in strict compliance with the approved drawings.
- 4.2 The installation of this door **does not require** a Hurricane Protection System

5. LABELING

- 5.1 Each door shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved"

6. BUILDING PERMIT

- 6.1 Building Permit shall be accompanied by copies of the following:
- 6.1.1 This Notice of Acceptance, including two copies of the approved drawings as identified in Section 2.
- 6.1.2 Any other document required by the Building Official or the SFBC in order to properly evaluate the installation of this system.



Candido Font, PE, Sr. Product Control Examiner
Product Control Division

Raynor Garage Doors.

ACCEPTANCE NO: 01-0323.05

APPROVED: FEB 14 2002

EXPIRES: FEB 14 2006

NOTICE OF ACCEPTANCE STANDARD CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test-supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
 - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
 - b) The product is no longer the same product (identical) as the one originally approved;
 - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
 - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
 - a) Unsatisfactory performance of this product or process.
 - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance 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 Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.


Candido Font, PE, Sr. Product Control Examiner
Product Control Division

END OF THIS ACCEPTANCE

Raynor Garage Doors.

ACCEPTANCE NO: 01/0323.05

APPROVED: FEB 14 2002

EXPIRES: FEB 14 2006

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

A DRAWINGS

1. Drawing prepared by Raynor Garage Doors titled "Spec. Windload Prisma 9' 0" Wide", Drawing No. P1283 dated 09/03/00 with latest revision on 12/04/01 Sheets 1 of 1 signed and sealed by R. Baumann, PE.

B TEST

1. Test Report on Large Missile Impact Test and Cyclic Wind Pressure Test of "Prisma 0.023" Galvanized Steel" prepared by Hurricane Engineering and Testing Inc. Report #00-934 dated 09/19/00 signed and sealed by HM Medina, PE.
2. Test Report on Uniform Static Air Pressure & Forced Entry Resistance Test "Prisma 0.023" Galvanized Steel" prepared by Hurricane Engineering and Testing Inc., Report No. 00-933, dated 09/19/00, signed and sealed by HM Medina, PE.
3. Test Report on ASTM B117-91 Test of G 90 galvanized panels (controls) & painted panels prepared by ETC Laboratories, Report NO. ETC 01-765-11031.0, signed and sealed by J. L. Doldan, PE on 11/19/01.

C CALCULATIONS

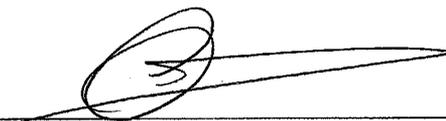
1. Verification of Anchors, prepared by Welder Engineering & Surveying, Sheets 1 of 1, dated 01/10/01 signed and sealed by R. Baumann, PE.

D MATERIAL CERTIFICATION

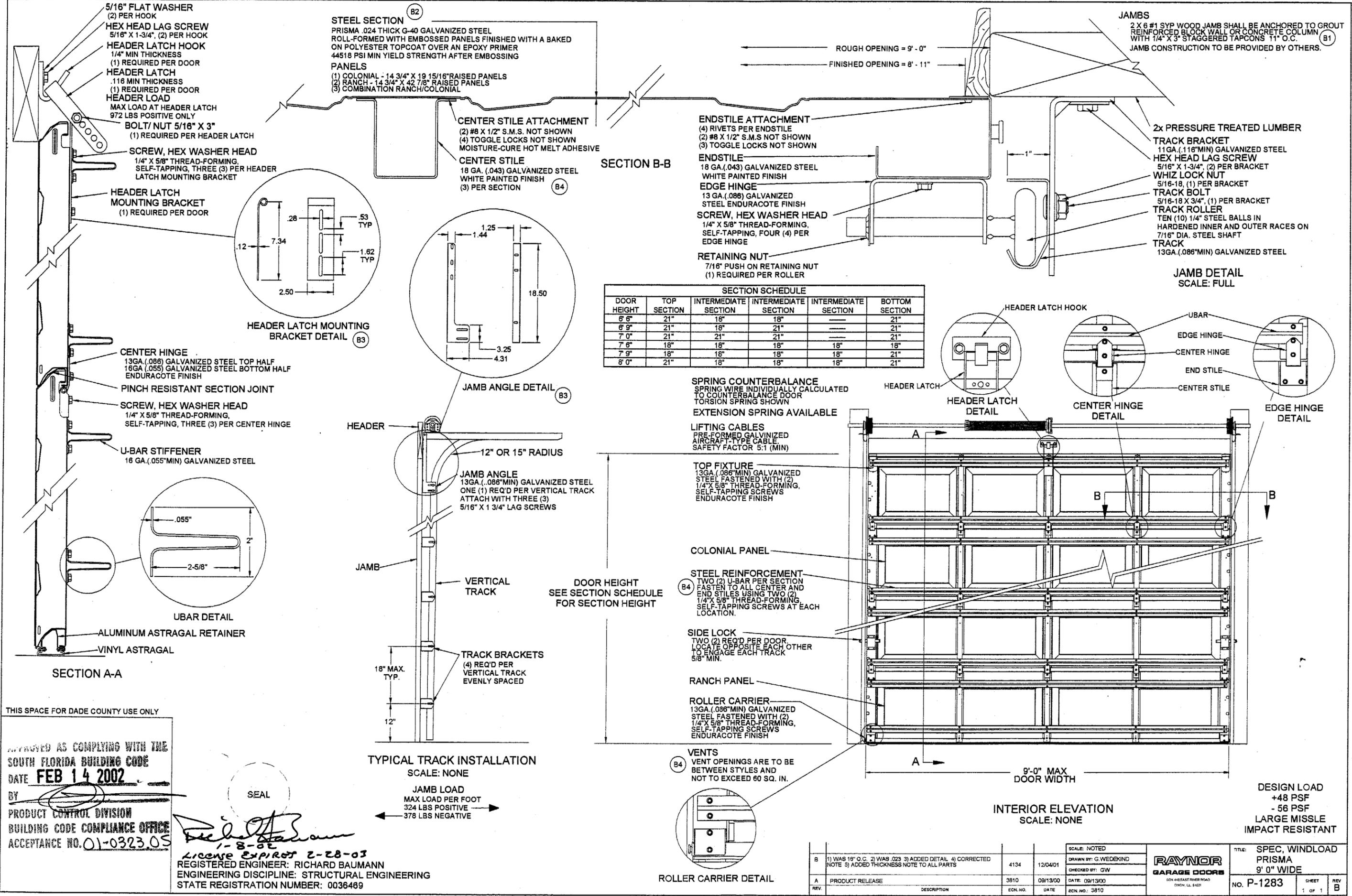
- 1 Tensile Test Report No. 00-T053, prepared by Hurricane Engineering & Testing dated 11/01/00, signed and sealed by HM Medina, PE.

E STATEMENTS

- 1 Letter of code compliance issued by Wendler Engineering & Surveying, dated 01/09/02, signed & sealed by R. Baumann, PE. .



Candido Font, PE, Sr. Product Control Examiner
Product Control Division



STEEL SECTION
 PRISMA .024 THICK G-40 GALVANIZED STEEL
 ROLL-FORMED WITH EMBOSSED PANELS FINISHED WITH A BAKED
 ON POLYESTER TOPCOAT OVER AN EPOXY PRIMER
 44518 PSI MIN YIELD STRENGTH AFTER EMBOSHING
PANELS
 (1) COLONIAL - 14 3/4" X 19 15/16" RAISED PANELS
 (2) RANCH - 14 3/4" X 42 7/8" RAISED PANELS
 (3) COMBINATION RANCH/COLONIAL

CENTER STILE ATTACHMENT
 (2) #8 X 1/2" S.M.S. NOT SHOWN
 (4) TOGGLE LOCKS NOT SHOWN
 MOISTURE-CURE HOT MELT ADHESIVE

CENTER STILE
 18 GA. (.043) GALVANIZED STEEL
 WHITE PAINTED FINISH
 (3) PER SECTION

ENDSTILE ATTACHMENT
 (4) RIVETS PER ENDSTILE
 (2) #8 X 1/2" S.M.S. NOT SHOWN
 (3) TOGGLE LOCKS NOT SHOWN

ENDSTILE
 18 GA. (.043) GALVANIZED STEEL
 WHITE PAINTED FINISH

EDGE HINGE
 13 GA. (.086) GALVANIZED
 STEEL ENDURACOTE FINISH

SCREW, HEX WASHER HEAD
 1/4" X 5/8" THREAD-FORMING,
 SELF-TAPPING, FOUR (4) PER
 EDGE HINGE

RETAINING NUT
 7/16" PUSH ON RETAINING NUT
 (1) REQUIRED PER ROLLER

JAMBS
 2 X 6 #1 SYP WOOD JAMB SHALL BE ANCHORED TO GROUT
 REINFORCED BLOCK WALL OR CONCRETE COLUMN
 WITH 1/4" X 3" STAGGERED TAPCONS 11" O.C.
 JAMB CONSTRUCTION TO BE PROVIDED BY OTHERS.

2x PRESSURE TREATED LUMBER
 TRACK BRACKET
 11 GA. (.116" MIN) GALVANIZED STEEL
 HEX HEAD LAG SCREW
 5/16" X 1-3/4", (2) PER BRACKET
 WHIZ LOCK NUT
 5/16-18, (1) PER BRACKET
 TRACK BOLT
 5/16-18 X 3/4", (1) PER BRACKET
 TRACK ROLLER
 TEN (10) 1/4" STEEL BALLS IN
 HARDENED INNER AND OUTER RACES ON
 7/16" DIA. STEEL SHAFT
 TRACK
 13 GA. (.086" MIN) GALVANIZED STEEL

SECTION SCHEDULE

| DOOR HEIGHT | TOP SECTION | INTERMEDIATE SECTION | INTERMEDIATE SECTION | INTERMEDIATE SECTION | BOTTOM SECTION |
|-------------|-------------|----------------------|----------------------|----------------------|----------------|
| 6' 6" | 21" | 18" | 18" | --- | 21" |
| 6' 9" | 21" | 18" | 21" | --- | 21" |
| 7' 0" | 21" | 21" | 21" | --- | 21" |
| 7' 6" | 18" | 18" | 18" | 18" | 18" |
| 7' 9" | 18" | 18" | 18" | 18" | 21" |
| 8' 0" | 21" | 18" | 18" | 18" | 21" |

SPRING COUNTERBALANCE
 SPRING WIRE INDIVIDUALLY CALCULATED
 TO COUNTERBALANCE DOOR
 TORSION SPRING SHOWN
 EXTENSION SPRING AVAILABLE

LIFTING CABLES
 PRE-FORMED GALVANIZED
 AIRCRAFT-TYPE CABLE
 SAFETY FACTOR 5:1 (MIN)

TOP FIXTURE
 13 GA. (.086" MIN) GALVANIZED
 STEEL FASTENED WITH (2)
 1/4" X 5/8" THREAD-FORMING,
 SELF-TAPPING SCREWS
 ENDURACOTE FINISH

COLONIAL PANEL

STEEL REINFORCEMENT
 TWO (2) U-BAR PER SECTION
 FASTEN TO ALL CENTER AND
 END STILES USING TWO (2)
 1/4" X 5/8" THREAD-FORMING,
 SELF-TAPPING SCREWS AT EACH
 LOCATION.

SIDE LOCK
 TWO (2) REQ'D PER DOOR
 LOCATE OPPOSITE EACH OTHER
 TO ENGAGE EACH TRACK
 5/8" MIN.

RANCH PANEL

ROLLER CARRIER
 13 GA. (.086" MIN) GALVANIZED
 STEEL FASTENED WITH (2)
 1/4" X 5/8" THREAD-FORMING,
 SELF-TAPPING SCREWS
 ENDURACOTE FINISH

VENTS
 VENT OPENINGS ARE TO BE
 BETWEEN STYLES AND
 NOT TO EXCEED 60 SQ. IN.

THIS SPACE FOR DADE COUNTY USE ONLY

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE FEB 14 2002
 BY [Signature]
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 01-0323.05

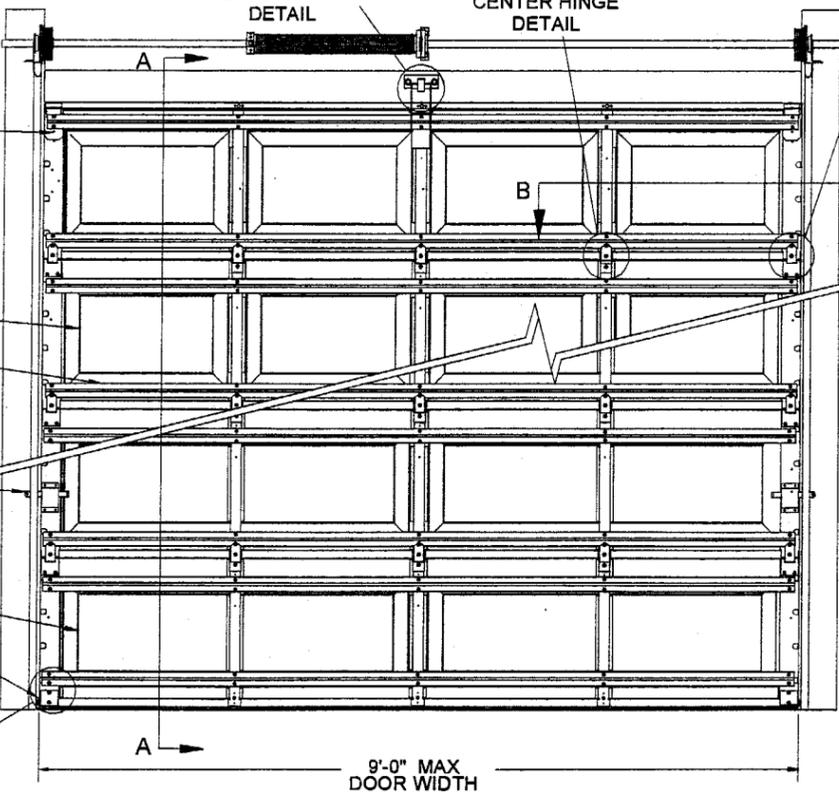
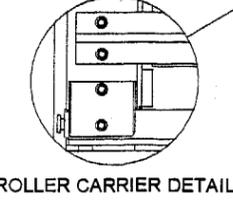
SEAL

[Signature]

LICENSE EXPIRES 2-28-03
 REGISTERED ENGINEER: RICHARD BAUMANN
 ENGINEERING DISCIPLINE: STRUCTURAL ENGINEERING
 STATE REGISTRATION NUMBER: 0036469

TYPICAL TRACK INSTALLATION
 SCALE: NONE

JAMB LOAD
 MAX LOAD PER FOOT
 324 LBS POSITIVE
 378 LBS NEGATIVE



DESIGN LOAD
 +48 PSF
 -56 PSF
 LARGE MISSILE
 IMPACT RESISTANT

| | | | | | |
|--|-------------|------------------------|----------|---|--------------|
| SCALE: NOTED | | DRAWN BY: G. WEDDEKIND | | TITLE: SPEC, WINDLOAD PRISMA 9' 0" WIDE | |
| B 1) WAS 19" O.C. 2) WAS .023 3) ADDED DETAIL 4) CORRECTED NOTE 5) ADDED THICKNESS NOTE TO ALL PARTS | | 4134 | 12/04/01 | RAYNOR GARAGE DOORS | |
| A PRODUCT RELEASE | | 3810 | 09/13/00 | NO. P-1283 | |
| REV | DESCRIPTION | ECN. NO. | DATE | ECN. NO. | SHEET 1 OF 1 |
| | | | | 3810 | REV B |