



**MIAMI-DADE**  
**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)**

**Horton Automatics**  
**4242 Baldwin Blvd.**  
**Corpus Christi, TX 78405**

**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 "110" 16' x 8'-8" Aluminum Automatic Sliding Glass Door**

**APPROVAL DOCUMENT:** Drawing No.040302, titled "16'x 8'-8" Series 110 Impact Large Missile" sheets 1 through 14 of 14, prepared by manufacturer, dated 03/02/04, signed and sealed by Ballard L. Argus, 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**

**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 pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Theodore Berman, P.E.**

*MB*  
*6/25/2004*  


**NOA No 04-0406.01**  
**Expiration Date: July 15, 2009**  
**Approval Date: July 15, 2004**  
**Page 1**

**Horton Automatics**

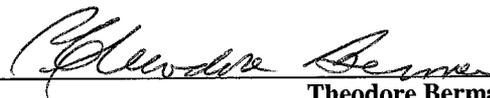
**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **040302**, titled "16'x 8'-8" Series 110 Impact Large Missile" sheets 1 through 14 of 14, prepared by manufacturer, dated 03/02/04, signed and sealed by Ballard L. Argus, P.E.

**B. TESTS**

1. Test reports on 1) Air Infiltration Test, per, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per, TAS 202-94  
3) Large Missile Impact Test per, TAS 201-94  
4) Cyclic Wind Pressure Loading per, TAS 203-94  
5) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94  
along with installation diagram of aluminum automatic entrance door, prepared by Hurricane Test Laboratory, Inc. Test Report No. **0322-0611-03**, specimens # **1** and **2**, dated 06/12/03-1/16/04, signed and sealed by Vinu J. Abraham, P.E.
2. Test reports on 1) Uniform Static Air Pressure Test, Loading per, TAS 202-94  
2). Large Missile Impact Test per, TAS 201-94  
3) Cyclic Wind Pressure Loading per, TAS 203-94  
along with installation diagram of aluminum automatic entrance door, prepared by Hurricane Test Laboratory, Inc. Test Report No. **0322-0119-04**, specimen # **1**, dated 06/12/03-1/16/04, signed and sealed by Vinu J. Abraham, P.E.
3. Test reports on 1) Large Missile Impact Test per, TAS 201-94  
2) Cyclic Wind Pressure Loading per, TAS 203-94  
along with installation diagram of aluminum automatic entrance door, prepared by Hurricane Test Laboratory, Inc. Test Report No. **0322-0908-03**, specimen # **3**, dated 10/16/03, signed and sealed by Vinu J. Abraham, P.E.
4. Test reports on 1) Uniform Static Air Pressure Test, Loading per, TAS 202-94  
2). Small Missile Impact Test per, TAS 201-94  
3) Cyclic Wind Pressure Loading per, TAS 203-94  
along with installation diagram of aluminum automatic entrance door, prepared by Hurricane Test Laboratory, Inc. Test Report No. **0322-0611-03**, specimen # **5**, dated 6/27-30/03, signed and sealed by Vinu J. Abraham, P.E.
5. Test reports on 1) Air Infiltration Test, per, TAS 202-94  
2). Uniform Static Air Pressure Test, Loading per, TAS 202-94  
3) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94  
along with installation diagram of aluminum automatic entrance door, prepared by Hurricane Test Laboratory, Inc. Test Report No. **0322-00908-03**, specimen # **6** & **7**, dated 6/03-10/03, signed and sealed by Vinu J. Abraham, P.E.



Theodore Berman, P.E.

Deputy Director, Product Control Division

NOA No 04-0406.01

Expiration Date: July 15, 2009

Approval Date: July 15, 2004

**Horton Automatics**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**C. CALCULATIONS**

1. Anchor verification & structural analysis calculations, prepared, signed and sealed by Ballard L. Argus, P.E.s, dated March 17, 2004,

**D. QUALITY ASSURANCE BY:**

1. Miami-Dade County Building code Compliance Office (BCCO).

**E. MATERIAL CERTIFICATIONS**

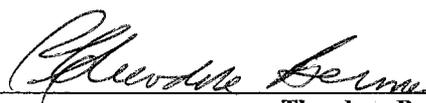
1. None

**F. STATEMENTS**

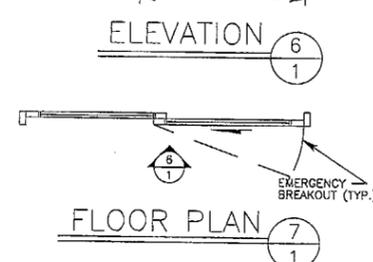
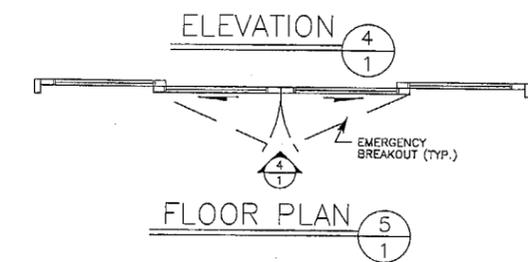
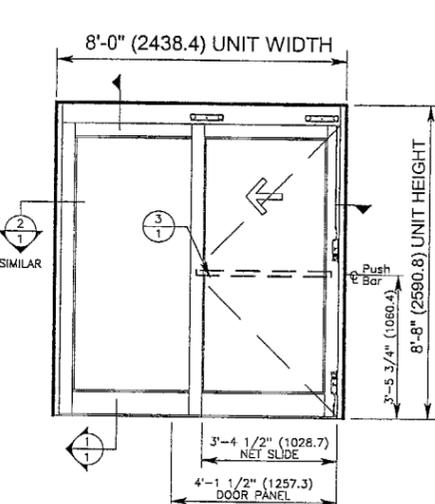
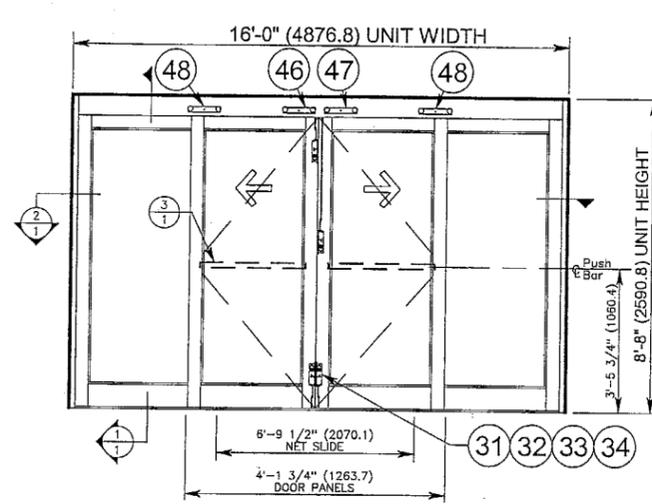
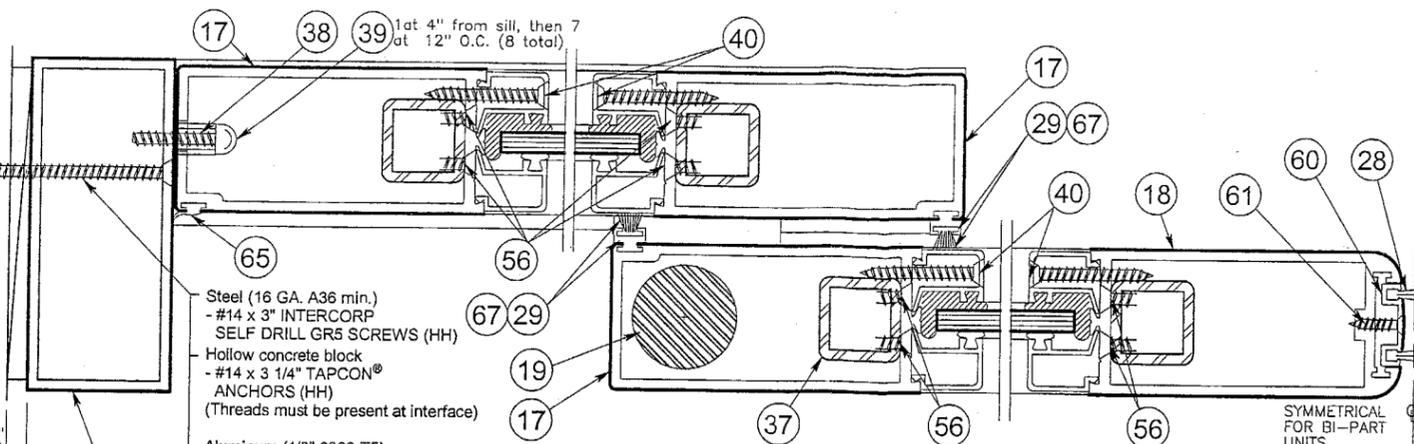
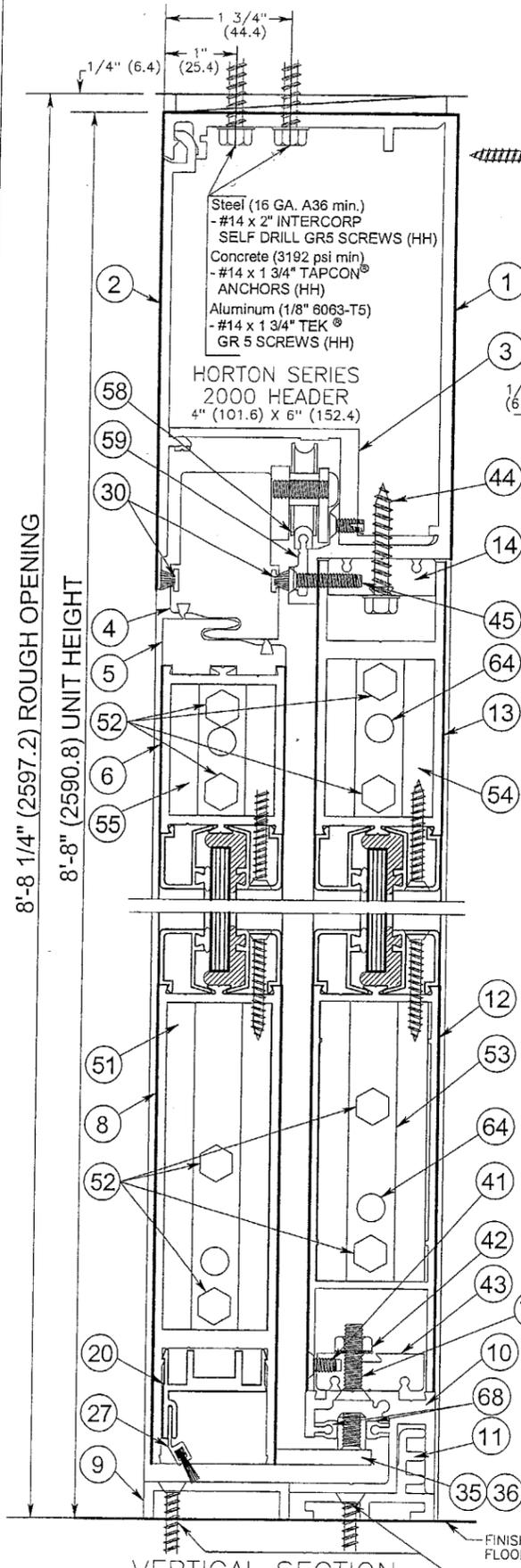
1. Statement letter of conformance, dated March 25, 2004, signed and sealed by Ballard L. Argus, P.E.
2. Statement letter of no financial interest, dated March 25, 2004, signed and sealed by Ballard L. Argus, P.E.

**G. OTHER**

1. Letter from the consultant stating that the product is in compliance with the Florida Building Code (FBC).

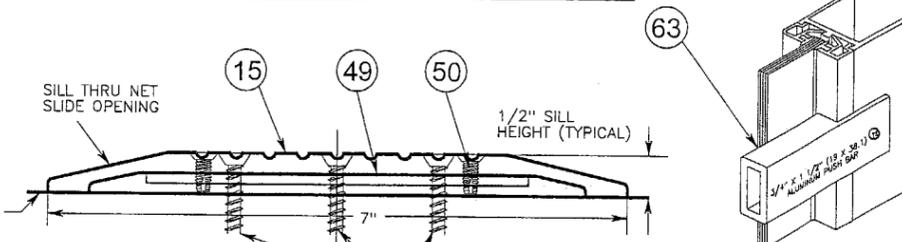


**Theodore Berman, P.E.**  
**Deputy Director, Product Control Division**  
**NOA No 04-0406.01**  
**Expiration Date: July 15, 2009**  
**Approval Date: July 15, 2004**



**NOTE:**  
For fastener location and type see sheets 4 & 5

The allowable 4/3 increase stress factor for wind loads was not used in the anchor calculations for determining the minimum required anchor quantities shown on these drawings



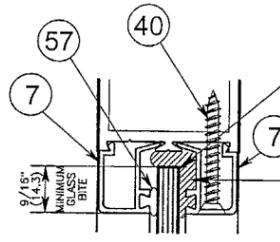
For Header, Sill, & Jambs - Fastener must penetrate wood & extend 1.5\" minimum into substrate.

Head to Jamb Steel Angles (Top - 2.25\" X 0.63\" X 0.13\"; Bottom - 0.94\" X 0.63\" X 0.13\") secured to jamb with 3.688\" X 6\" X 1/4\" Alum. Tapping Plate & 2 ea. #1/4-20 X 5/8\" SCS. The head is secured to the angles with 3 ea. #1/4-20 X 1/2\" FHMS (2 @ top; 1 @ bottom).

ALL STRUCTURAL ALUMINUM MEMBERS ARE 6063-T5 ALLOY. TYPICAL THICKNESS = 1/8\". UNLESS INDICATED OTHERWISE TYPICAL PANEL THICKNESS = 1 3/4\"

The frame must be shimmed with a type of shim complying with the Florida Building Code and is capable of resisting the frame's rotation

- WEATHERSEALS:**
- C389-FL INTERLOCK SEAL
  - C350 NOSING SEAL
  - C524-FL SLIDE PANEL BOTTOM SEAL
  - C293 SLIDE PANEL TOP SEAL
- SCHLEGEL CORP. FINSEAL**  
#7595-6011-0  
SCHLEGEL CORP. SKIRTING SEAL  
#1104-5101  
FELTON NYLON BRISTLE  
#490621  
SCHLEGEL #8430-5016-7
- HARDWARE:**
- C454 MAX SECURITY LOCK
  - C463 THUMBTURN
  - C487 EXIT INDICATOR
  - C883 THRESHOLD BOLT
  - C815-RFL, C817-FL, C2130-1FL
  - C843-1FL & C844-1FL BOTTOM GUIDES
- ADAMS-RITE** #MS1850S-250-628  
ADAMS-RITE #4066  
ADAMS-RITE #4089  
ADAMS-RITE #4015  
SLIDE TOP ROLLER ASSEMBLIES



\* 1/4\" Tempered Glass - DuPont SentryGlas 457 Laminite consists of 0.045\" Polyvinyl Butyral and 0.0007\" of PET with an abrasion resistant hard coat

\* Interior wet glazed with Dow Corning 995 using glazing bead (0.848\" x 0.621\") without vinyl wedge. The glazing bead on the interior side operable & fixed panels fastened to the rails & stiles with a #10 x 1.5\" FHMS 4\" from each end and 12\" on center.

\* Exterior side snap-in glazing bead with vinyl wedge

\* Minimum glass bite 9/16\"

Approved as complying with the Florida Building Code  
Date 07/15/04  
NOA# 04-0406-01  
Miami Dade Product Control Division  
By: *[Signature]*

*[Signature]*

**Ballard L. Argus, P.E.**  
844 NW 91st Terrace  
Plantation, Florida 33324  
1-(954)-581-7678

6/12/04  
FA #35626

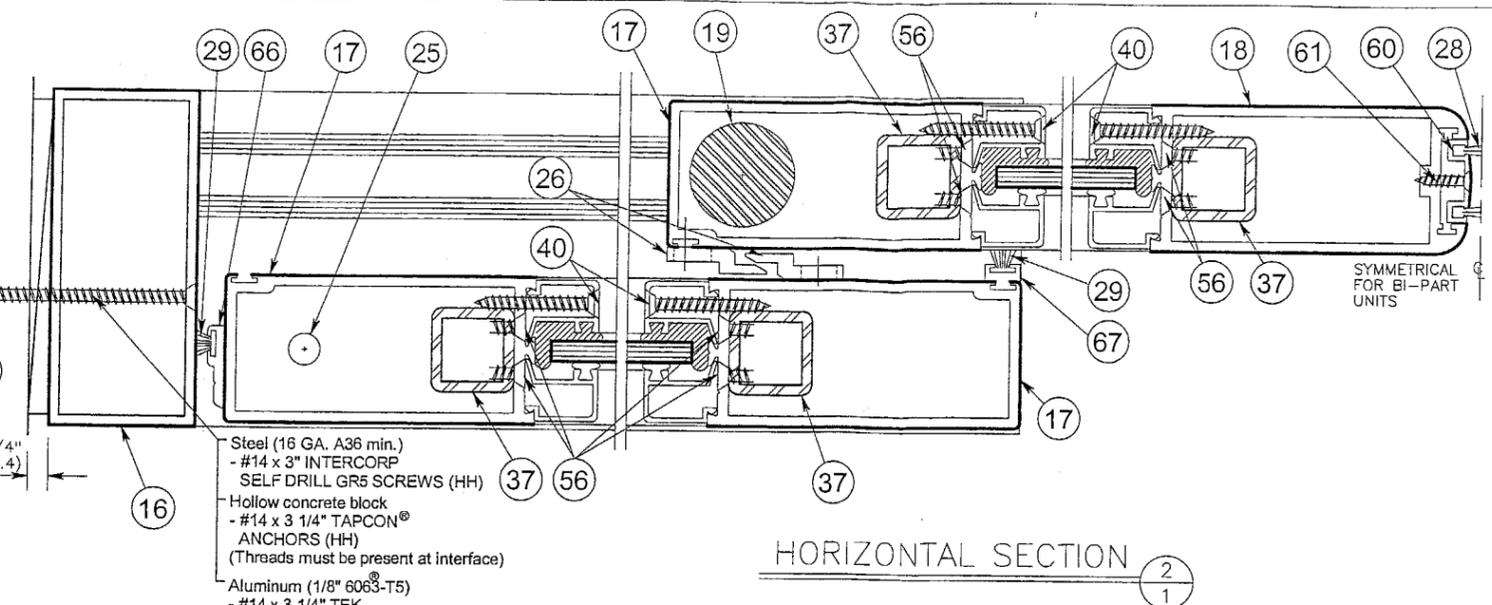
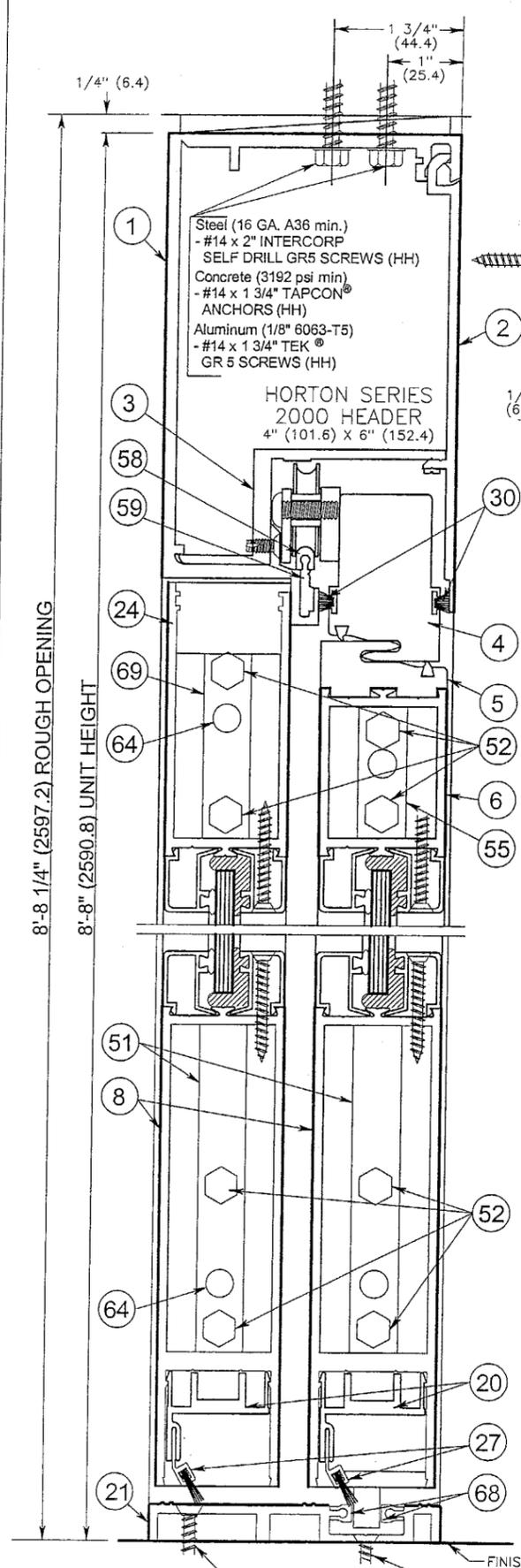
**16'x8'-8\" Series 110 Impact Large Missile**

|          | WHERE WATER INFILTRATION REQUIREMENT IS NEEDED | WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED |
|----------|--|--|
| POSITIVE | NOT APPROVED                                   | 55PSF  |
| NEGATIVE | NOT APPROVED                                   | 55PSF  |

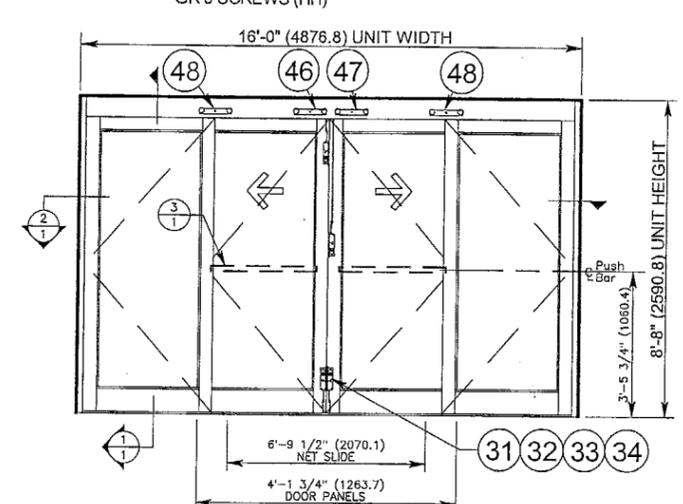
Electrical/electronic functions are not part of this approval and must be reviewed by the appropriate building official.

|              |   |              |  |
|--------------|---|--------------|--|
| ARCHITECT:   | A DIVISION OF OVERHEAD DOOR CORPORATION<br>4242 BALDWIN BOULEVARD<br>CORPUS CHRISTI, TEXAS 78405-3399 |              |  |
| CONTRACTOR:  | 361-888-5581 1-800-531-3111<br>FAX: 361-888-6510 1-800-531-3108<br>http://www.hortondoor.com          |              |  |
| SERIES: 2110 | TYPE: 0-SX-SX-D & 0-SX  |              |  |
| FINISH:      |   |              |  |
| ACTUATION:   | JOB: METRO-DADE   |              |  |
| DISTRIBUTOR: | LOCATION:   |              |  |
| DWN:         | P.O. #  | SHEET 1 of 8 |  |
| CHK:         | DATE: 03-02-04  | REVISION:    |  |

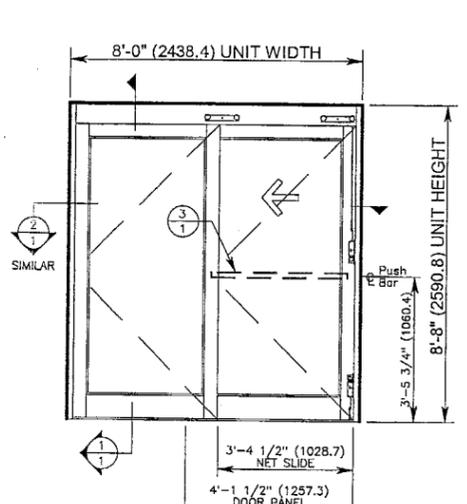
Dwg. No. 040302-L



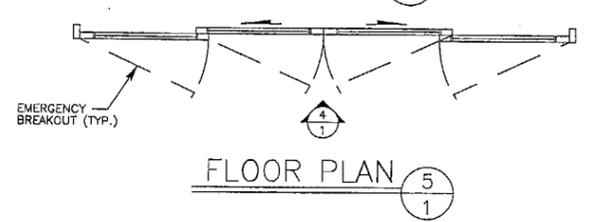
HORIZONTAL SECTION 2/1



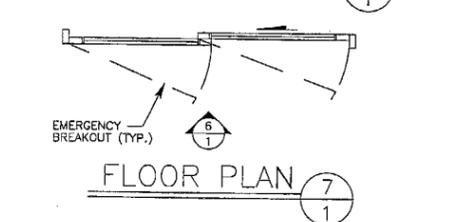
ELEVATION 4/1



ELEVATION 6/1

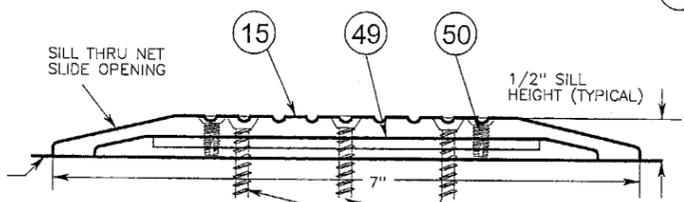


FLOOR PLAN 5/1



FLOOR PLAN 7/1

**NOTE:**  
For fastener location and type see sheets 4 & 5  
The allowable 4/3 increase stress factor for wind loads was not used in the anchor calculations for determining the minimum required anchor quantities shown on these drawings



PUSH BAR DETAIL 3/1

Available Unit Sizes:

| Panel Width nom. door             | Net Slide opening |
|-----------------------------------|-------------------|
| 8'0"W X 7'6"H Min size 1@48"=48"  | 40 1/2"           |
| 16'0"W X 8'8"H Max size 2@48"=96" | 81 1/2"           |

Maximum Daylight Openings:  
Operable Panel: 40.63"W X 85.5"H  
Fixed-Breakaway Panel: 39.75"W X 85.38"H

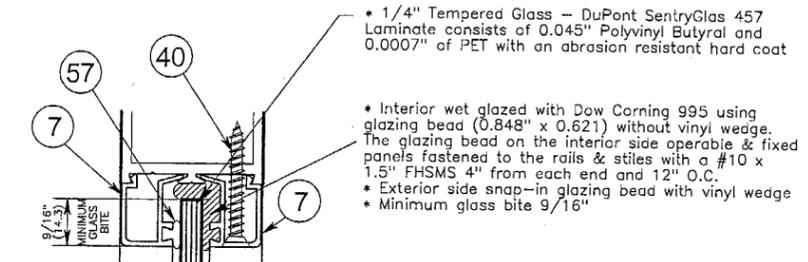
|          | WHERE WATER INFILTRATION REQUIREMENT IS NEEDED | WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED |
|----------|--|--|
| POSITIVE | NOT APPROVED                                   | 55PSF  |
| NEGATIVE | NOT APPROVED                                   | 55PSF  |

Electrical/electronic functions are not part of this approval and must be reviewed by the appropriate building official.

For Header, Sill, & Jams - Fastener must penetrate wood & extend 1.5" minimum into substrate.  
Head to Jamb Steel Angles (Top - 2.25" X 0.63" X 0.13"; Bottom - 0.94" X 0.63" X 0.13") secured to jamb with 3.688" X 6" X 1/4" Alum. Tapping Plate & 2 ea. #1/4-20 X 5/8" SCS. The head is secured to the angles with 3 ea. #1/4-20 X 1/2" FHMS (2 @ top; 1 @ bottom).  
ALL STRUCTURAL ALUMINUM MEMBERS ARE 6063-T5 ALLOY. TYPICAL THICKNESS = 1/8", UNLESS INDICATED OTHERWISE. TYPICAL PANEL THICKNESS = 1 3/4"

The frame must be shimmed with a type of shim complying with the Florida Building Code and is capable of resisting the frame's rotation

- WEATHERSEALS:
- C389-FL INTERLOCK SEAL SCHLEGEL CORP. FINSEAL #7595-6011-0
  - C350 NOSING SEAL SCHLEGEL CORP. SKIRTING SEAL #1104-5101
  - C524-FL SLIDE PANEL BOTTOM SEAL FELTON NYLON BRISTLE #490621
  - C293 SLIDE PANEL TOP SEAL SCHLEGEL #8430-5016-7
- HARDWARE:
- C454 MAX SECURITY LOCK ADAMS-RITE #MS1850S-250-628
  - C463 THUMBTURN ADAMS-RITE #4066
  - C487 EXIT INDICATOR ADAMS-RITE #4089
  - C883 THRESHOLD BOLT ADAMS-RITE #4015
  - C815-RFL, C817-FL, C2130-1FL SLIDE TOP ROLLER ASSEMBLIES
  - C852-4 BOTTOM GUIDE



Approved as complying with Florida Building Code  
Date 03/15/04  
NOA# 04-0406.01  
Miami Dade Product Control Division  
By *[Signature]*

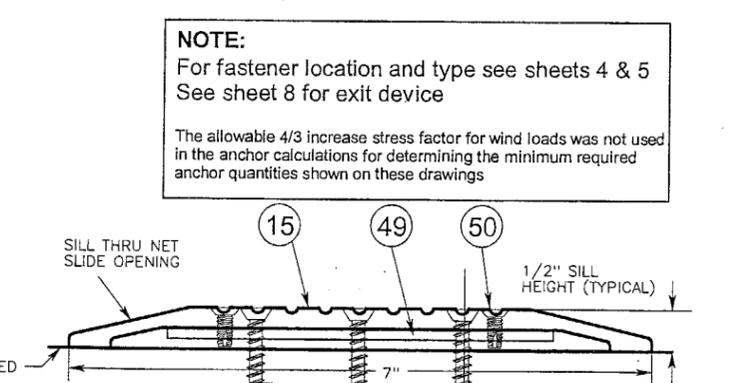
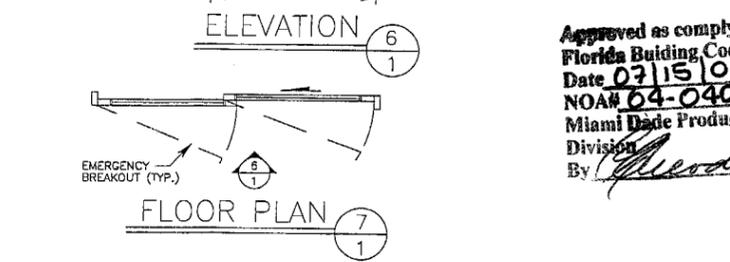
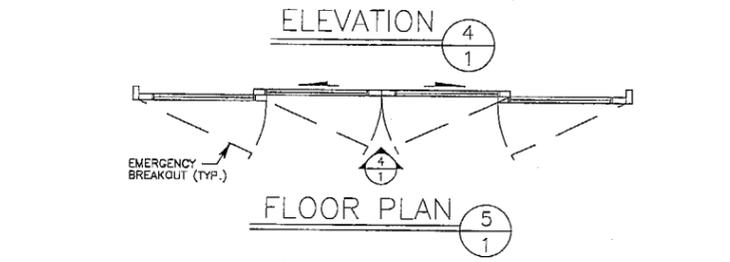
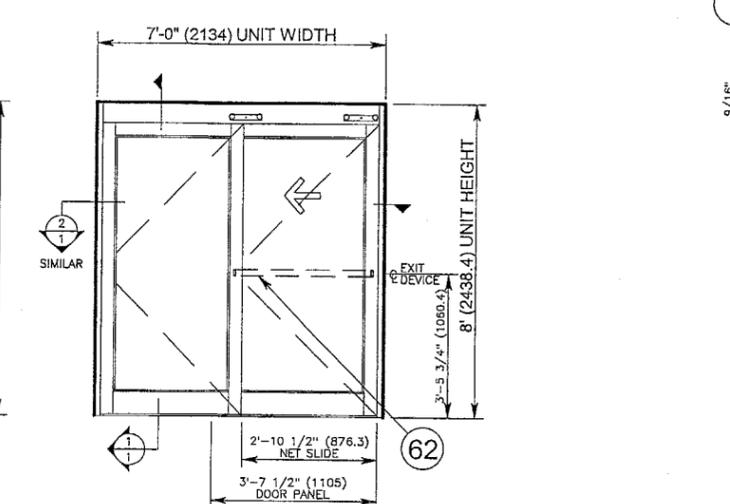
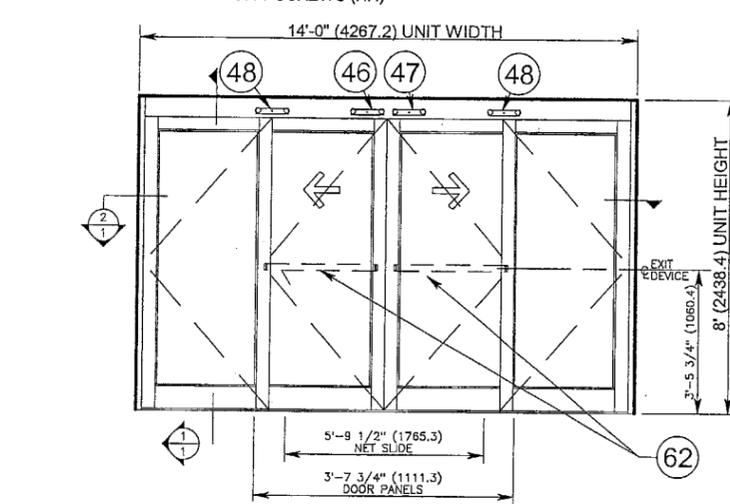
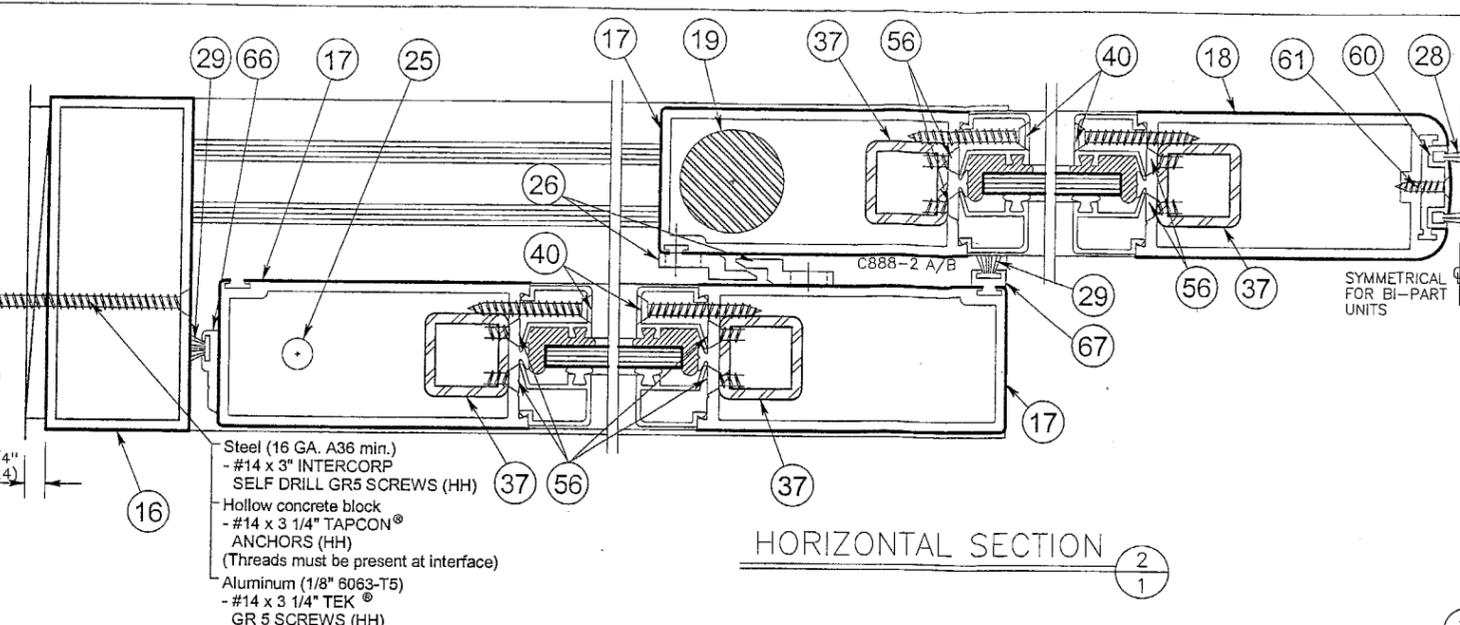
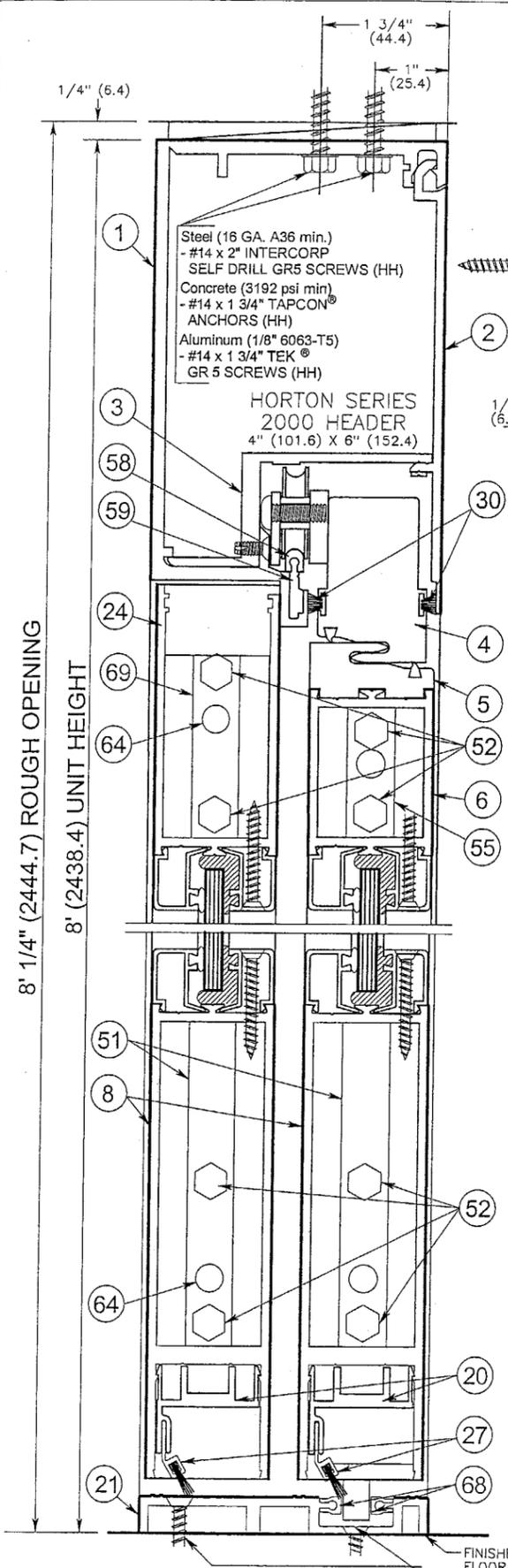
**Ballard L. Argus, P.E.**  
844 NW 91st Terrace  
Plantation, Florida 33324  
1-(954)-581-7678

*[Signature]*  
6/18/04  
FL# 35626

**16'x8'-8" Series 310 Impact Large Missile**

|                 |   |                                  |  |
|-----------------|---|----------------------------------|--|
| ARCHITECT:      | A DIVISION OF OVERHEAD DOOR CORPORATION |                                  |  |
| CONTRACTOR:     | 4242 BALDWIN BOULEVARD                  |                                  |  |
| SERIES: 2310    | TYPE: SO-SX-SX-SO & SO-SX               | CORPUS CHRISTI, TEXAS 78405-3399 |  |
| FINISH:         | 361-888-3591 1-800-331-3111             |                                  |  |
| ACTUATION:      | 361-888-6510, 1-800-511-3108            |                                  |  |
| JOB: METRC-DADE |   | http://www.hortondors.com        |  |
| LOCATION:       |   | DISTRIBUTOR:                     |  |
| DWN:            | P.O. #                                  | SHEET 2 of 8                     |  |
| CHK:            | DATE: 03-02-04                          | REVISION:                        |  |

Dwg. No. 040302-L



For Header, Sill, & Jamb - Fastener must penetrate wood & extend 1.5" minimum into substrate.

Head to Jamb Steel Angles (Top - 2.25" X 0.63" X 0.13"; Bottom - 0.94" X 0.63" X 0.13") secured to jamb with 3.688" X 6" X 1/4" Alum. Tapping Plate & 2 ea. #1/4-20 X 5/8" SCS. The head is secured to the angles with 3 ea. #1/4-20 X 1/2" FHMS (2 @ top; 1 @ bottom).

ALL STRUCTURAL ALUMINUM MEMBERS ARE 6063-T5 ALLOY. TYPICAL THICKNESS = 1/8", UNLESS INDICATED OTHERWISE. TYPICAL PANEL THICKNESS = 1 3/4"

The frame must be shimmed with a type of shim complying with the Florida Building Code and is capable of resisting the frame's rotation

WEATHERSEALS:  
 C389-FL INTERLOCK SEAL SCHLEGEL CORP. FINSEAL #7595-6011-0  
 C350 NOSING SEAL SCHLEGEL CORP. SKIRTING SEAL #1104-5101  
 C524-FL SLIDE PANEL BOTTOM SEAL FELTON NYLON BRISTLE #490621

HARDWARE:  
 C2361 EXIT DEVICE (ADAMS-RITE G86H)  
 C815-RFL, C817-FL, C2130-1FL SLIDE TOP ROLLER ASSEMBLIES  
 C852-4 BOTTOM GUIDE

\* 1/4" Tempered Glass - DuPont SentryGlas 457 Laminate consists of 0.045" Polyvinyl Butyral and 0.0007" of PET with an abrasion resistant hard coat

\* Interior wet glazed with Dow Corning 995 using glazing bead (0.848" x 0.621) without vinyl wedge. The glazing bead on the interior side operable & fixed panels fastened to the rails & stiles with a #10 x 1.5" FHMS 4" from each end and 12" O.C.

\* Exterior side snap-in glazing bead with vinyl wedge

\* Minimum glass bite 9/16"

Approved as complying with the Florida Building Code  
 Date 07/15/04  
 NOA# 64-0406-01  
 Miami Dade Product Control  
 Division  
 By *Aracelis Hernandez*

**NOTE:**  
 For fastener location and type see sheets 4 & 5  
 See sheet 8 for exit device

The allowable 4/3 increase stress factor for wind loads was not used in the anchor calculations for determining the minimum required anchor quantities shown on these drawings

Available Unit Sizes: Panel Width nom. door Net Slide opening  
 7'0"W X 7'6"H Min size 1@42"=42" 34 1/2"  
 14'0"W X 8'0"H Max size 2@42"=84" 69 1/2"

Maximum Daylight Openings:  
 Operable Panel: 34.625"W X 77.5"H  
 Fixed Panel: 33.437"W X 77.38"H

|          | WHERE WATER INFILTRATION REQUIREMENT IS NEEDED | WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED |
|----------|--|--|
| POSITIVE | NOT APPROVED                                   | 45PSF  |
| NEGATIVE | NOT APPROVED                                   | 45PSF  |

Electrical/electronic functions are not part of this approval and must be reviewed by the appropriate building official.

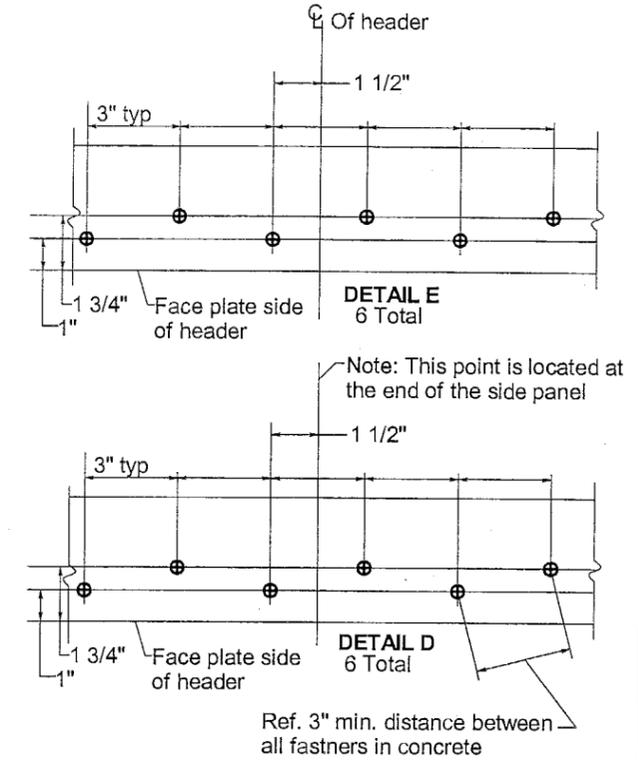
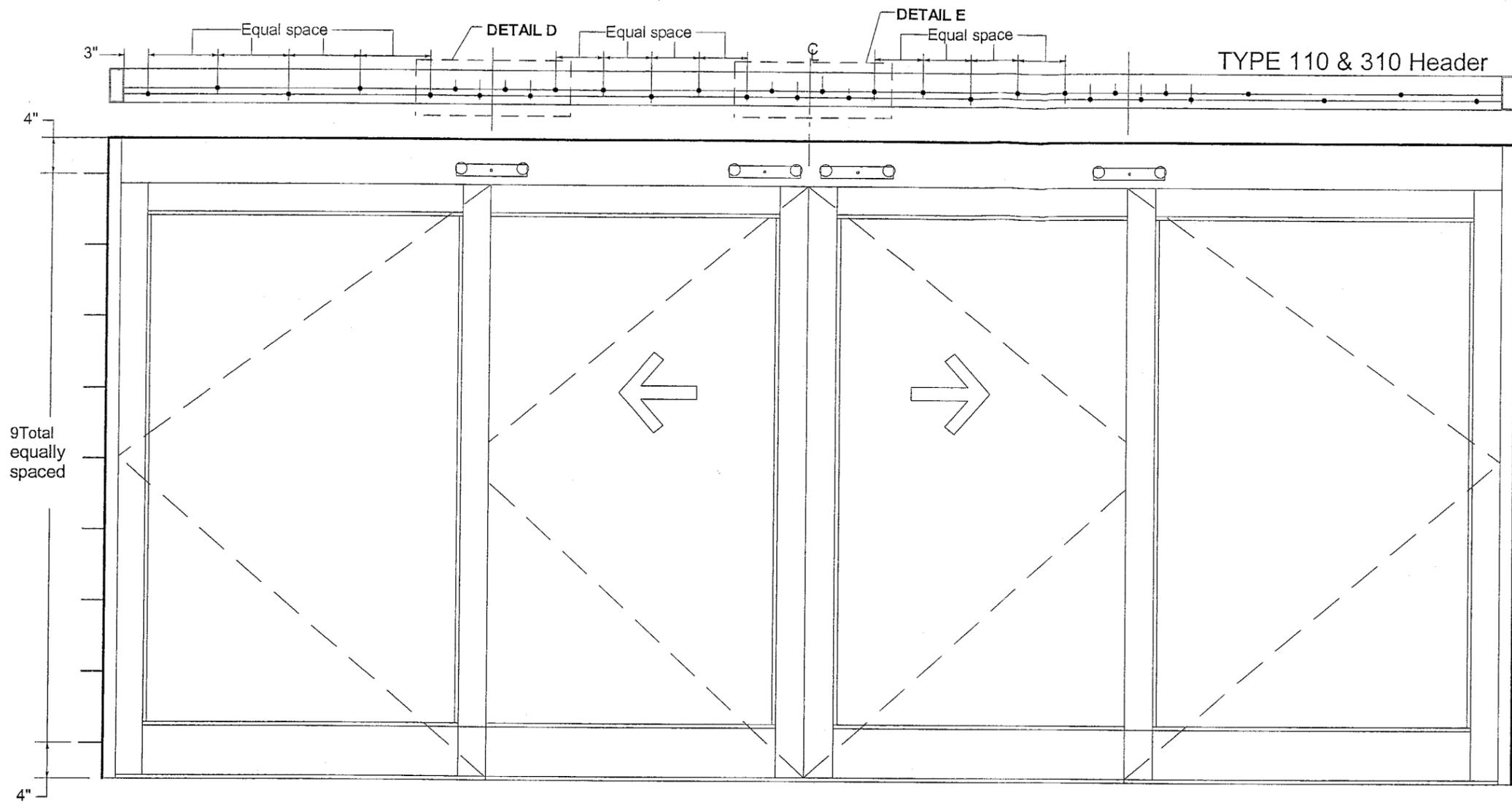
**Ballard L. Argus, P.E.**  
 844 NW 91st Terrace  
 Plantation, Florida 33324  
 1-(954)-581-7678

*[Signature]*  
 6/18/04  
 FA#35626

**14'x8'-0" Series 310 Impact Large Missile with Exit Device (see sheet 8)**

|                     |   |                             |
|---------------------|---|-----------------------------|
| ARCHITECT:          | A DIVISION OF OVERHEAD DOOR CORPORATION |                             |
| CONTRACTOR:         | 4242 BALDWIN BOULEVARD                  |                             |
| SERIES: 2310        | TYPE: SO-SX-SX-SO & SO-SX               | 361-888-5591 1-800-531-3111 |
| FINISH:             | FAX 351-888-6510, 1-800-531-3110        |                             |
| ACTUATION:          | http://www.hortondoor.com               |                             |
| JOB: METRO-DADE     | LOCATION:                               |                             |
| DISTRIBUTOR:        | DWN: P.O. # SHEET 3 of 8                |                             |
| CHK: DATE: 03-02-04 | REVISION:                               |                             |

Dwg. No. 040302-L

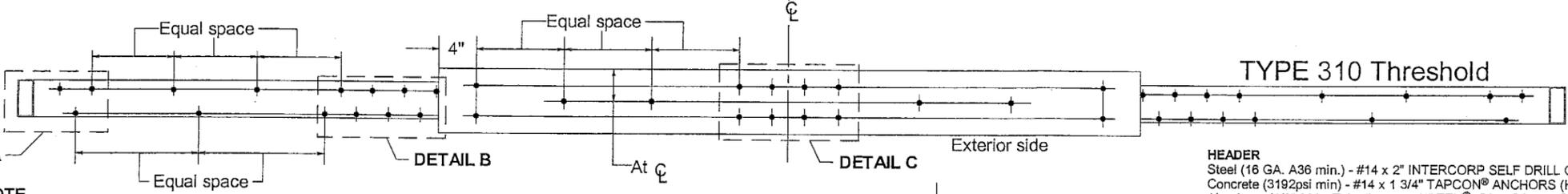
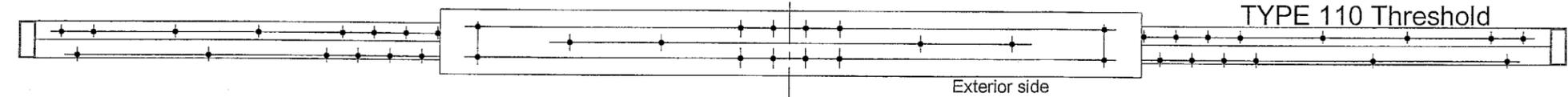


The frame must be shimmed with a type of shim complying with the Florida Building Code and is capable of resisting the frame's rotation

The allowable 4/3 increase stress factor for wind loads was not used in the anchor calculations for determining the minimum required anchor quantities shown on these drawings

Approved as complying with the Florida Building Code  
 Date **03/15/04**  
 NOA# **04-0406.01**  
 Miami Dade Product Control  
 Division *[Signature]*

*[Signature]*  
 6/18/04  
 F4#35L26



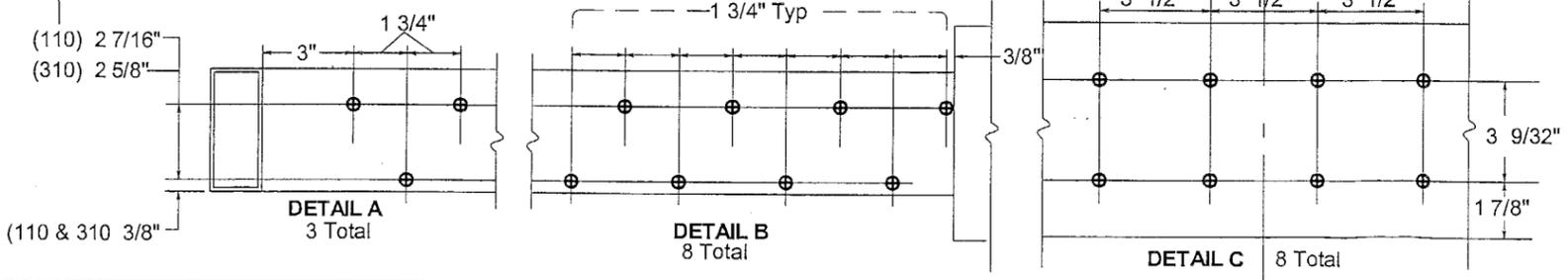
**HEADER**  
 Steel (16 GA. A36 min.) - #14 x 2" INTERCORP SELF DRILL GR5 SCREWS (HH)  
 Concrete (3192psi min) - #14 x 1 3/4" TAPCON® ANCHORS (HH) x 1" min embedment  
 Aluminum (1/8" 6063-T5) - #14 x 1 3/4" TEK® GR 5 SCREWS (HH)

**JAMB**  
 Steel (16 GA. A36 min.) - #14 x 3" INTERCORP SELF DRILL GR5 SCREWS (HH)  
 Hollow concrete block - #14 x 3 1/4" TAPCON ANCHORS (HH) x 1 1/4" min embedment  
 Aluminum (1/8" 6063-T5) - #14 x 3 1/4" TEK® GR 5 SCREWS (HH)

**THRESHOLD**  
 Concrete (3192psi min) - #14 x 1 3/4" TAPCON® ANCHORS (HH) x 1" min embedment  
 Steel (16 GA. A36 min.) #14 x 2" INTERCORP SELF DRILL GR5 SCREWS (HH)  
 Aluminum (1/8" 6063-T5) #14 x 1 3/4" TEK® GR 5 SCREWS (HH)

**Ballard L. Argus, P.E.**  
 844 NW 91st Terrace  
 Plantation, Florida 33324  
 1-(954)-581-7678

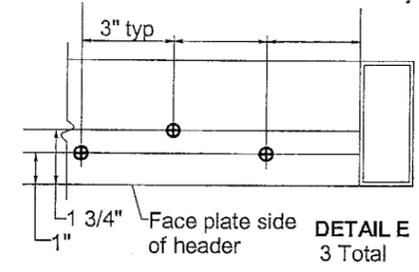
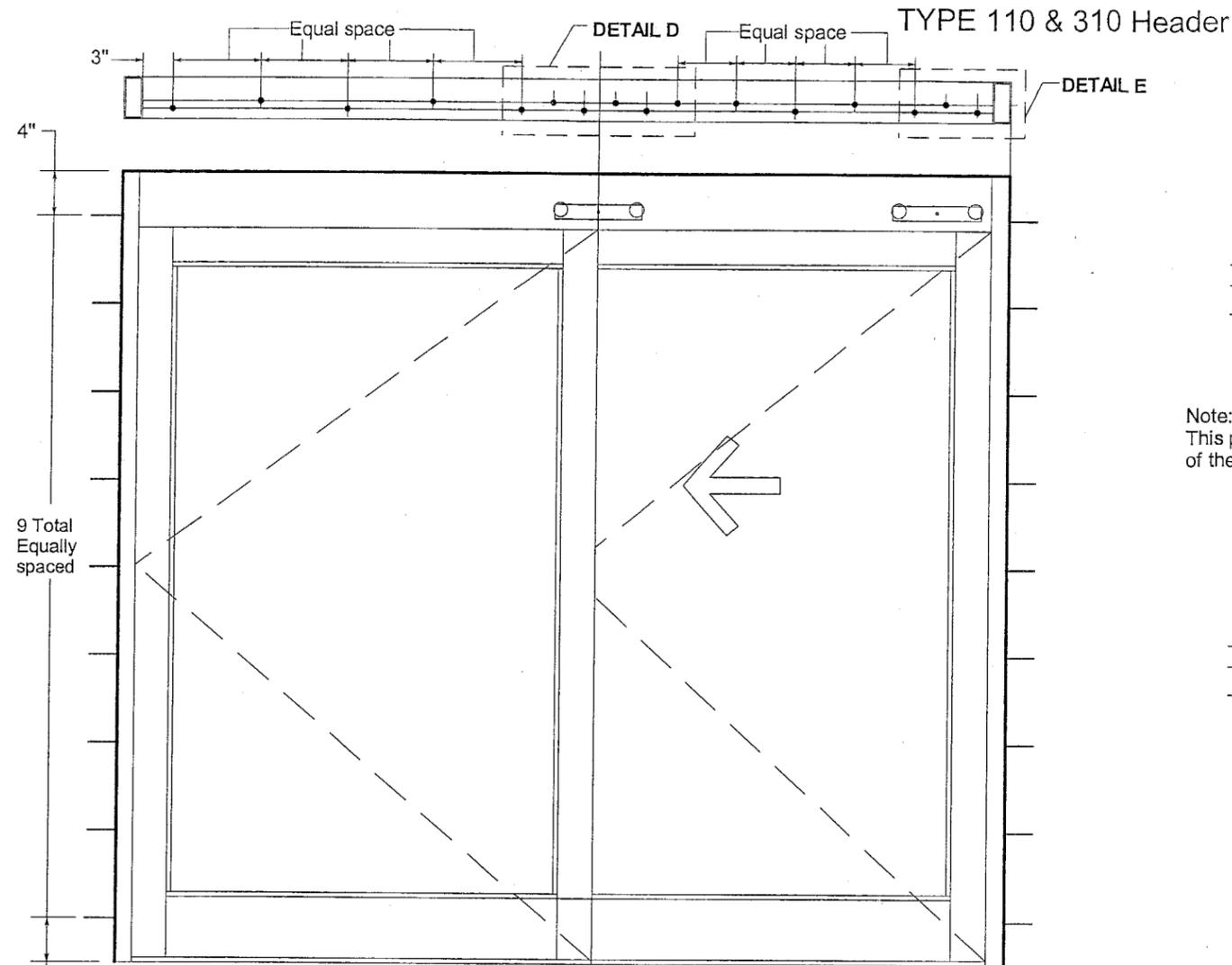
**NOTE**  
 Fastener spacing is the same for 110 & 310 except as noted



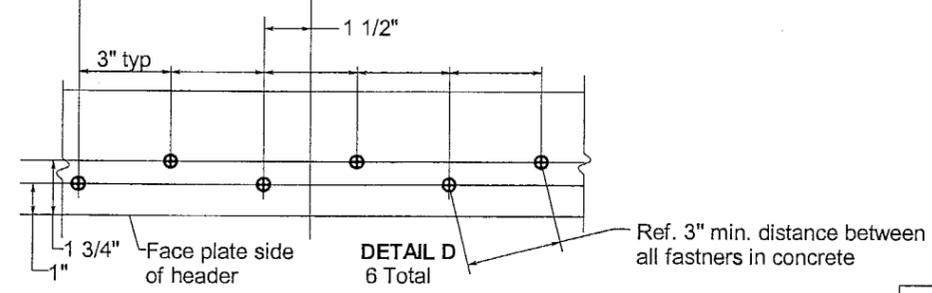
Fastener locations

|              |   |                                  |  |
|--------------|---|----------------------------------|--|
| ARCHITECT:   | A DIVISION OF OVERHEAD DOOR CORPORATION |                                  |  |
| CONTRACTOR:  | 4242 BALDWIN BOULEVARD                  |                                  |  |
| SERIES: 2310 | TYPE:                                   | CORPUS CHRISTI, TEXAS 78405-3399 |  |
| FINISH:      | 361-888-5591 1-800-531-3111             |                                  |  |
| ACTUATION:   | FAX: 361-888-5510, 1-800-531-3108       |                                  |  |
| DISTRIBUTOR: | http://www.hortondors.com               |                                  |  |
| DWN:         | P.O. #                                  | SHEET 4 of 8                     |  |
| CHK:         | DATE: 03-02-04                          | REVISION:                        |  |

Bi-Part Fastner Locations  
 Dwg. No. 040302-L



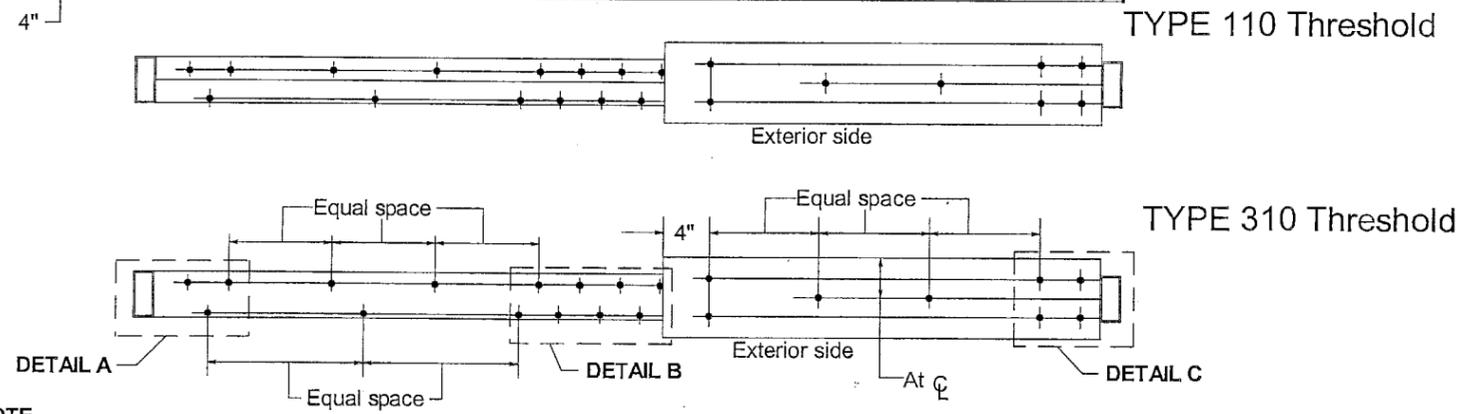
Note:  
This point is located at the end of the side panel



**HEADER**  
Steel (16 GA. A36 min.) - #14 x 2" INTERCORP SELF DRILL GR5 SCREWS (HH)  
Concrete (3192psi min) - #14 x 3 3/4" TAPCON® ANCHORS (HH) x 1" min embedment  
Aluminum (1/8" 6063-T5) - #14 x 3 3/4" TEK® GR 5 SCREWS (HH)

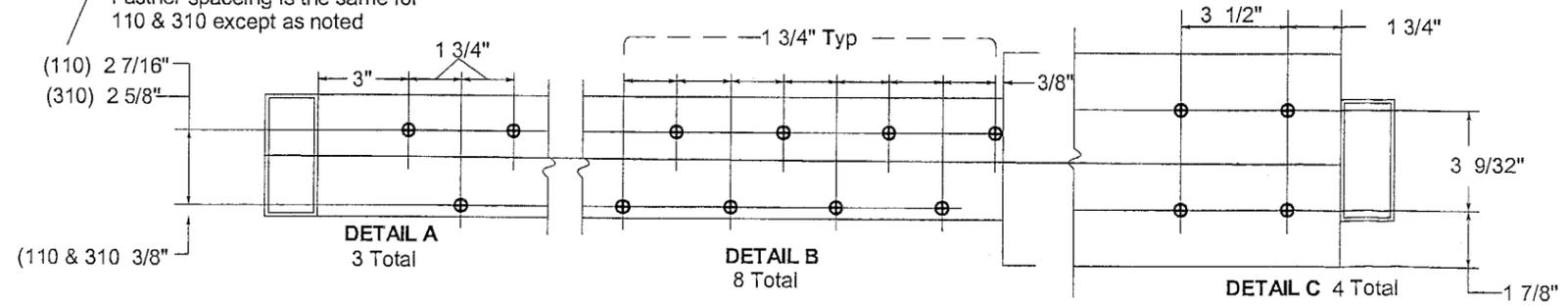
**JAMB**  
Steel (16 GA. A36 min.) - #14 x 3" INTERCORP SELF DRILL GR5 SCREWS (HH)  
Hollow concrete block - #14 x 3 1/4" TAPCON ANCHORS (HH) x 1 1/4" min embedment  
Aluminum (1/8" 6063-T5) - #14 x 3 1/4" TEK® GR 5 SCREWS (HH)

**THRESHOLD**  
Concrete (3192psi min) - #14 x 3 3/4" TAPCON® ANCHORS (HH) x 1" min embedment  
Steel (16 GA. A36 min.) #14 x 2" INTERCORP SELF DRILL GR5 SCREWS (HH)  
Aluminum (1/8" 6063-T5) #14 x 1 3/4" TEK® GR 5 SCREWS (HH)



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Date 07/15/04  
NOAH 04-0406.01  
Miami Dade Product Control  
Division  
By *[Signature]*

**NOTE**  
Fastener spacing is the same for 110 & 310 except as noted



The frame must be shimmed with a type of shim complying with the Florida Building Code and is capable of resisting the frame's rotation

The allowable 4/3 increase stress factor for wind loads was not used in the anchor calculations for determining the minimum required anchor quantities shown on these drawings

**Ballard L. Argus, P.E.**  
844 NW 91st Terrace  
Plantation, Florida 33324  
1-(954)-581-7678

*[Signature]*  
6/18/04  
R# 35626

Fastener locations

|                                 |   |                                  |                          |
|---------------------------------|---|----------------------------------|--------------------------|
| ARCHITECT:                      | A DIVISION OF OVERHEAD DOOR CORPORATION |                                  |                          |
| CONTRACTOR:                     | 4242 BALDWIN BOULEVARD                  |                                  |                          |
| SERIES: 2310                    | TYPE:                                   | CORPUS CHRISTI, TEXAS 78405-3399 |                          |
| FINISH:                         | 361-888-5591 1-800-531-3111             |                                  |                          |
| ACTUATION:                      | FAX: 361-888-5510, 1-800-531-3108       |                                  |                          |
| Single slide Fastener Locations |   | http://www.hortondcoors.com      |                          |
| Dwg. No. 040302-L               |   | JOB: METRO-DADE                  |                          |
|                                 |   | LOCATION:                        |                          |
|                                 |   | DISTRIBUTOR:                     |                          |
|                                 |   | DWN:                             | P.O. # SHEET 5 of 8      |
|                                 |   | CHK:                             | DATE: 03-02-04 REVISION: |

| ITEM # | HORTON PART NUMBER | DESCRIPTION  |
|--------|--------------------|--|
| 1      | C00265.000R        | ALUMINUM EXTRUSION: HEADER   |
| 2      | C00266.000R        | ALUMINUM EXTRUSION:FACEPLATE   |
| 3      | C00264.000R        | ALUMINUM EXTRUSION:TRAY  |
| 4      | C00314.000R        | ALUMINUM EXTRUSION:INTERLOCK TOP   |
| 5      | C00327.000R        | ALUMINUM EXTRUSION:INTERLOCK LOWER                                       |
| 6      | C00337.000R        | ALUMINUM EXTRUSION:TOP RAIL  |
| 7      | C00370.0001        | ALUMINUM EXTRUSION:GLASS STOP  |
| 8      | C00283.0000        | ALUMINUM EXTRUSION:BOTTOM RAIL   |
| 9      | C00315.0000        | ALUMINUM EXTRUSION:TRACK FILLER  |
| 10     | C00330.0001        | ALUMINUM EXTRUSION: BOTTOM GUIDE   |
| 11     | C00386.0001        | ALUMINUM EXTRUSION: ADAPTOR  |
| 12     | C00342.04FL        | ALUMINUM EXTRUSION: BOTTOM RAIL  |
| 13     | C02801.000AB       | ALUMINUM EXTRUSION: HORIZONTAL RAIL                                      |
| 14     | C02899.0002        | ALUMINUM EXTRUSION: CORNER BLOCK (used as reinforcement)                 |
| 15     | C00390.0000        | ALUMINUM EXTRUSION: THRESHOLD 7"   |
| 16     | C00300.000AB       | ALUMINUM EXTRUSION: JAMB TUBE 4" X 1-3/4"                                |
| 17     | C00323.0000        | ALUMINUM EXTRUSION: VERTICAL RAIL  |
| 18     | C00363.0000        | ALUMINUM EXTRUSION: VERTICAL RAIL  |
| 19     | C00818.000R        | BAR TORSION (serves as slide panel top pivot)                            |
| 20     | C02798.0001        | ALUMINUM EXTRUSION: ADAPTOR  |
| 21     | C02873.0000        | THRESHOLD  |
| 22     | C00379.001ABC      | GLASS STOP   |
| 23     | C00338.000R        | GLASS STOP   |
| 24     | C00343.001R        | ALUMINUM EXTRUSION; HORIZONTAL RAIL                                      |
| 25     | C00589.0000        | PIVOT  |
| 26     | C00888.002AB       | CLIP INTERLOCK   |
| 27     | C00524.00FL        | WEATHERSEAL BRUSH Felton #490621   |
| 28     | C00350.0000        | NOSING SEAL SCHLEGEL #1104-5101  |
| 29     | C00397.0000        | INTERLOCK SEAL SHCLEGEL #7595-6011-0                                     |
| 30     | C00293.0000        | WEATHERSEAL BRUSH Schlegel #8430-5016-7                                  |
| 31     | C00454.0000        | LOCK, MAX SECURITY AR MS1850S  |
| 32     | C00463.0000        | THUMBTURN AR 4066  |
| 33     | C00487.0000        | EXIT INDICATOR AR 4089   |
| 34     | C00883.0000        | 3/8" HEX BOLT AR 4015 EXTENDING INTO HEAD AND SILL 1/2"                  |
| 35     | C00843.01FL        | BOTTOM GUIDE DOOR MOUNTED  |
| 36     | C00844.01FL        | BOTTOM GUIDE DOOR MOUNTED  |
| 37     | C01987.0000        | STEEL TUBE 1" X 1" X 1/8" A 500  |
| 38     | C00426.0001        | 5/16 SPACER  |
| 39     | C00453.0000        | #10 X 5/8 PHSMS  |
| 40     | C00450.0000        | #10 X 1-1/2 FHSMS  |
| 41     | C00437.0000        | #10-24 X 1/2" FHMS EVERY 12" IN SIDELITES                                |
| 42     | C00404.0000        | 1/4-20 LOCKNUT   |
| 43     | C02899.0002        | ALUMINUM EXTRUSION: CORNER BLOCK (used as reinforcement)                 |
| 44     | C00417.0000        | #14 X 1-1/2 HWSMS EVERY 12" IN SIDELITES                                 |
| 45     | C07141.0000        | #10-24 X 1" FHMS EVERY 12" IN SIDELITES                                  |
| 46     | C02130.01FL        | DRIVE WHEEL ASSEMBLY   |
| 47     | C00815.0RFL        | WHEEL ASSEMBLY   |
| 48     | C00817.00FL        | IDLER WHEEL ASSEMBLY   |
| 49     | C00448.0000        | PLATE, 4-5/8" X 8" X 1/8" ALUMINUM LOCATED UNDER THRESHOLD AT LOCK BOLTS |
| 50     | C00437.0000        | #10-24 X 1/2" FHMS, 4 IN EACH PLATE ITEM 49                              |

|    |               |  |
|----|---------------|--|
| 51 | C00693.0003   | CORNER BLOCK                                   |
| 52 | C08150.0000   | 1/4-20 X 3/4 HHMB                              |
| 53 | C00536.0004   | CORNER BLOCK                                   |
| 54 | C09490.0001   | CORNER BLOCK                                   |
| 55 | C01044.0001   | CORNER BLOCK                                   |
| 56 | C00437.0000   | #10-24 X 1/2" FHMS 2 EACH AT EVERY 12"         |
| 57 | C00341.0001   | VINYL GLAZING BULB                             |
| 58 | C00291.0001   | TRACK CAP                                      |
| 59 | C00380.0001   | TRACK  |
| 60 | C00358.000R   | ALUMINUM EXTRUSION: ASTRAGAL                   |
| 61 | C00664.001AB  | #8 X 3/4 FHSMS                                 |
| 62 | C02361.0000   | EXIT DEVICE AR G86H                            |
| 63 | C00278.001ABC | PUSHBAR; ALUMINUM TUBE                         |
| 64 | C09719.0000   | 3/8-16 ALL THREAD THRU BOLT IN ALL HORIZONTALS |
| 65 | C00371.000R   | WEATHERSTRIP; PANEL TO JAMB                    |
| 66 | C00398.0000   | ALUMINUM EXTRUSION; MOHAIR ADAPTOR             |
| 67 | C00389.00FL   | ADAPTOR FOR ITEM 29                            |
| 68 | C00289.0000   | TRACK CAP                                      |
| 69 | C00536.0003   | CORNER BLOCK                                   |
| 70 | C08141.0000   | 1/4-20 X 1" FHMS EVERY 12"                     |

Approved as complying with the  
Florida Building Code  
Date 07/15/04  
NOA# 04-0406.01  
Miami Dade Product Control  
Division  
By [Signature]

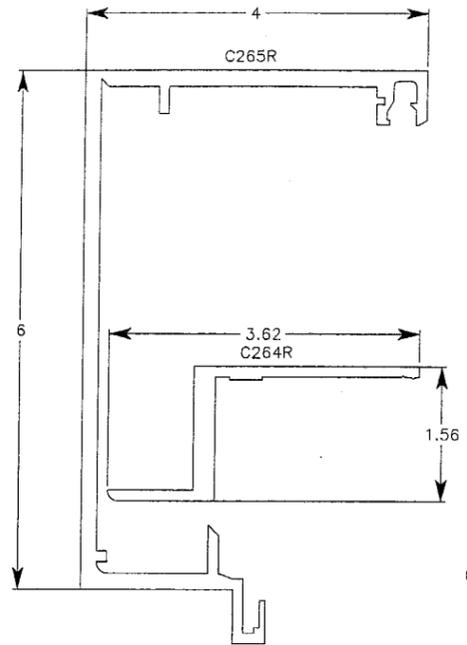
**Ballard L. Argus, P.E.**  
**844 NW 91st Terrace**  
**Plantation, Florida 33324**  
**1-(954)-581-7678**

*[Handwritten Signature]*

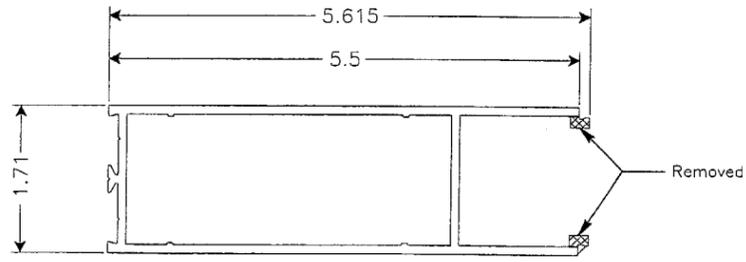
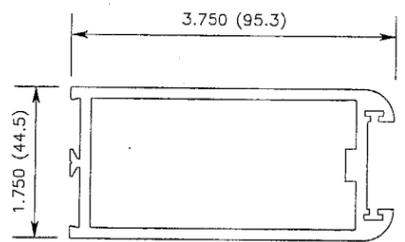
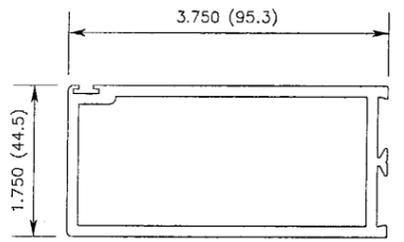
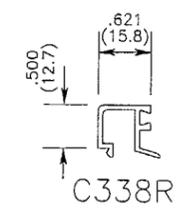
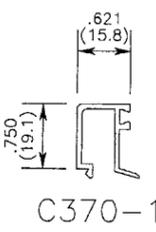
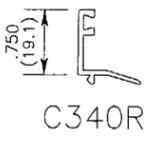
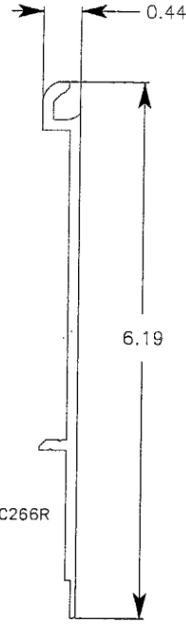
6/18/04  
F# 35626

|                 |   |                                  |  |
|-----------------|---|----------------------------------|--|
| ARCHITECT:      | A DIVISION OF OVERHEAD DOOR CORPORATION |                                  |  |
| CONTRACTOR:     | 4242 BALDWIN BOULEVARD                  |                                  |  |
| SERIES:         | TYPE:                                   | CORPUS CHRISTI, TEXAS 78405-3399 |  |
| FINISH:         | 361-888-5891 1-800-531-3111             |                                  |  |
| ACTUATION:      | FAX: 361-888-6510, 1-800-531-3111       |                                  |  |
| JOB: METRO-DADE | http://www.hortondoors.com              |                                  |  |
| LOCATION:       | Horton                                  |                                  |  |
| DISTRIBUTOR:    | AUTOMATIC                               |                                  |  |
| DWN:            | P.O. #                                  | SHEET 6 of 8                     |  |
| CHK:            | DATE: 03-02-04                          | REVISION:                        |  |

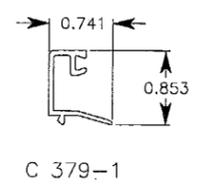
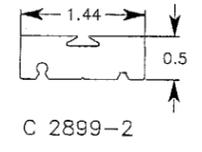
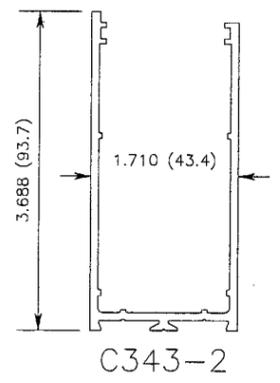
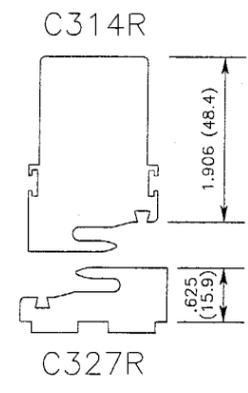
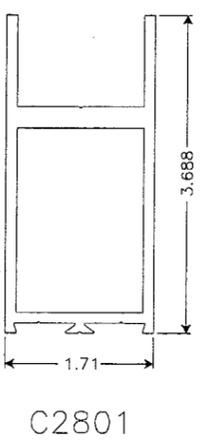
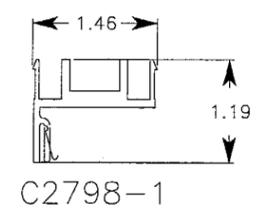
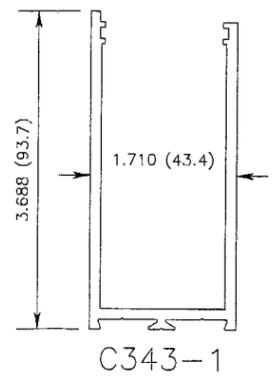
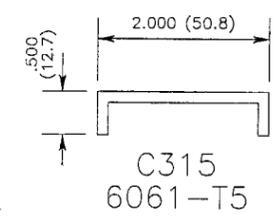
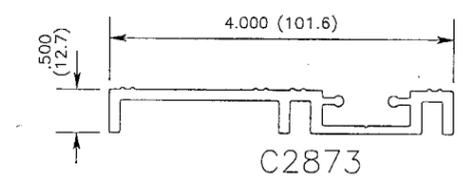
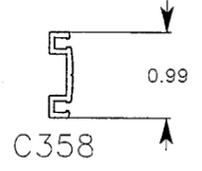
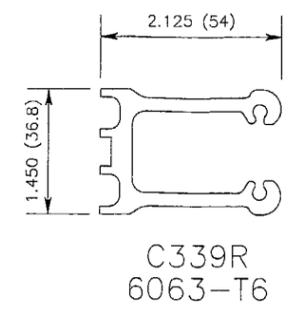
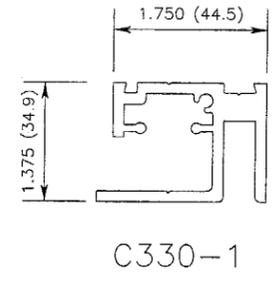
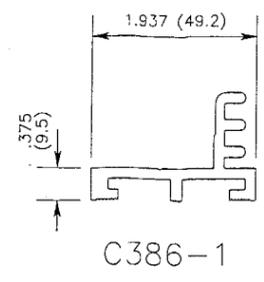
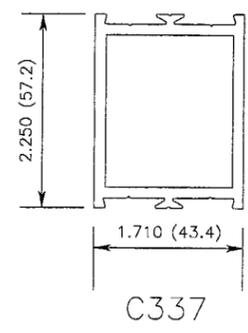
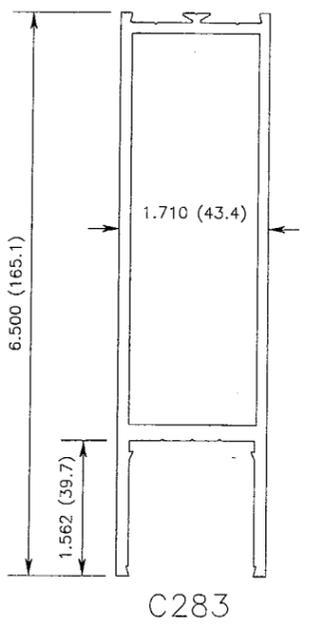
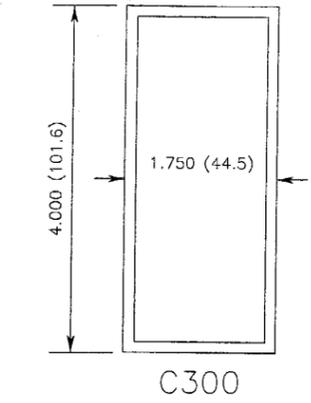
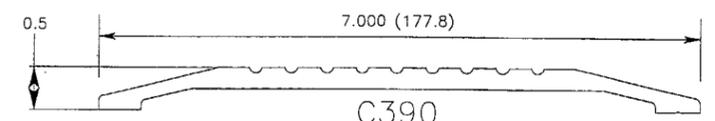
**Bill of materials**  
**Dwg. No. 040302-L**



4" X 6"  
(101.6) (152.4)  
ASSEMBLED



C 342-4  
NOTE: For C342-4FL This rail is ripped



ALL EXTRUSIONS ARE 6063-T5 UNLESS OTHERWISE NOTED

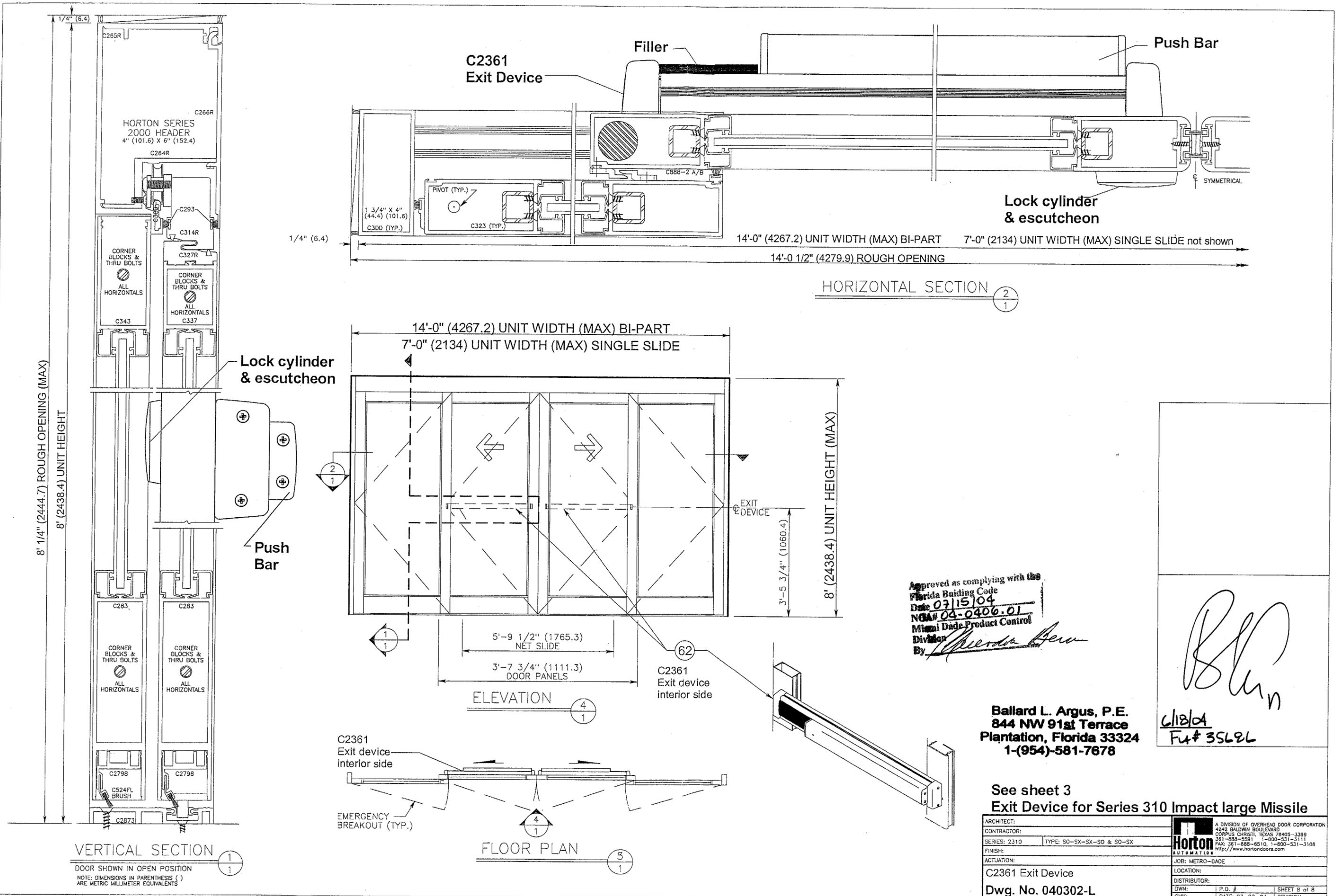
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Florida Building Code  
Date 03/15/04  
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Miami Dade Product Control  
Division  
By *Cherodun*

*[Signature]*  
6/18/04  
FL # 35686

Ballard L. Argus, P.E.  
844 NW 91st Terrace  
Plantation, Florida 33324  
1-(954)-581-7678

|                 |   |                                  |
|-----------------|---|----------------------------------|
| ARCHITECT:      | A DIVISION OF OVERHEAD DOOR CORPORATION |                                  |
| CONTRACTOR:     | 4242 BALDWIN BOULEVARD                  |                                  |
| SERIES:         | TYPE:                                   | CORPUS CHRISTI, TEXAS 78405-3399 |
| FINISH:         | 361-888-5591 1-800-531-3111             |                                  |
| ACTUATION:      | FAX: 361-888-6510, 1-800-531-3108       |                                  |
| JOB: METRO-DADE |   |                                  |
| LOCATION:       |   |                                  |
| DISTRIBUTOR:    |   |                                  |
| DWN:            | P.O. #                                  | SHEET 7 of 8                     |
| CHK:            | DATE: 03-02-04                          | REVISION:                        |

Extrusion chart  
Dwg. No. 040302-L



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Florida Building Code  
Date 07/15/04  
NCA# 04-0406.01  
Miami Dade Product Control  
Division  
By *Merida New*

*Blum*  
6/18/04  
Fu# 35626

**Ballard L. Argus, P.E.**  
844 NW 91st Terrace  
Plantation, Florida 33324  
1-(954)-581-7678

See sheet 3  
Exit Device for Series 310 Impact large Missile

|                   |   |                |                     |
|-------------------|---|----------------|---------------------|
| ARCHITECT:        | A DIVISION OF OVERHEAD DOOR CORPORATION |                |                     |
| CONTRACTOR:       | 4242 BALDWIN BOULEVARD                  |                |                     |
| SERIES:           | 2310                                    | TYPE:          | SO-SX-SX-SO & SO-SX |
| FINISH:           | CORPUS CHRISTI, TEXAS 78405-3389        |                |                     |
| ACTUATION:        | 361-888-5591 1-800-531-3111             |                |                     |
| DISTRIBUTOR:      | FAX: 361-888-8510, 1-800-531-3108       |                |                     |
| C2361 Exit Device | http://www.hortondoors.com              |                |                     |
| Dwg. No. 040302-L | JOB:                                    | METRO-DADE     | LOCATION:           |
|                   | DWN:                                    | P.O. #         | SHEET 8 of 8        |
|                   | CHK:                                    | DATE: 03-02-04 | REVISION:           |