MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

# NOTICE OF ACCEPTANCE (NOA)

**Horton Automatics Division of Overhead Door**
**4242 Baldwin Boulevard**
**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 and accepted by Miami-Dade County RER -Product Control Section 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 Section (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. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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: Series "110" (O-Sx-Sx-O) and Series "310 " (So-Sx-Sx-So) and (So-Sx) Aluminum Automatic Sliding Door (Steel Reinforced) w/ Breakout-SMI**

**APPROVAL DOCUMENT:** Drawing No. **040302-S Rev 2**, titled "Series 110/310 Small Missile Impact", sheets 1 through 8 of 8, prepared by manufacturer, dated 03/02/04 and last revised on 04-08-2016, signed and sealed by John E. Scates, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING: Small Missile Impact Resistant**

**Limitations:**

1. Series **110** (O-Sx-Sx-O) and Series **310** (So-Sx-Sx-So) w/Fixed Push bar & AR top/bottom Flush bolts w/MS18505 lock are rated at DP= +/- **55** PSF & 4-panels Max 192"Wx104"H. The Series **310** (So-Sx-Sx-So) with AR **G-86** panic device is limited to DP = +/- **45** PSF & max unit size 168" WX 96H. Applicable O-Sx <u>or</u> So-Sx is qualified.
2. Not approved where water infiltration is required.
3. Electrical/ Electronic functions are not part of this approval and to be reviewed by appropriate Bldg. official.
4. Anchors referenced at Equal spacing must not exceed 12" unless otherwise noted.

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", 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 **revises & renews # 14-0602.06**, consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**

MIAMI-DADE COUNTY APPROVED

4/13/16

## NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

### A. DRAWINGS

1. Manufacturer's die drawings and sections (see files below).
2. Drawing No. **040302-S Rev 2**, titled "Series 110/310 Small Missile Impact", sheets 1 through 8 of 8, prepared by manufacturer, dated 03/02/04 and last revised on 04-08-2016, signed and sealed by John E. Scates, P.E.

### B. TESTS (Submitted under files #14-0602.06/#12-0801.08/# 09-0624.05)

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
   2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
   3) Water Resistance Test, per FBC, TAS 202-94 (Not conducted)
   4) Small Missile Impact Test per FBC, TAS 201-94
   5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
   6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with installation diagram of aluminum automatic sliding glass doors, prepared by Hurricane Testing Laboratories, Test Report No(s) **HTL-0322-0908-03 (Sp#6 &#7)**, **HTL-0322-0611-03 (sp#5)** and **HTL-0322-0119-04 (sp#1)**, all signed and sealed dated 02/16/04 by Vinu J. Abraham, P.E.

### C. CALCULATIONS (Submitted under file # 09-0624.05)

1. Anchor verification calculations and structural analysis complying w/ FBC 2014 (5th edition), dated 09/11/15, prepared, signed and sealed by John E. Scates, P.E.
2. Glazing complies w/ ASTME-1300-02, -04 & -09.

### D. QUALITY ASSURANCE

1. Miami Dade Department of Regulatory and Economic Resources (RER).

### E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **14-0916.10** issued to Kuraray America, Inc. (former E.I. DuPont DeNemours & Co., Inc.) for "Kuraray **Butacite PVB Interlayer**", expiring on 12/11/16.
2. Technical data sheet for glazing bead item # 57, ExxonMobil Chemical's Santoprene™ 121-67W175 thermoplastic, extruded by Central Chemical Inc.

### F. STATEMENTS

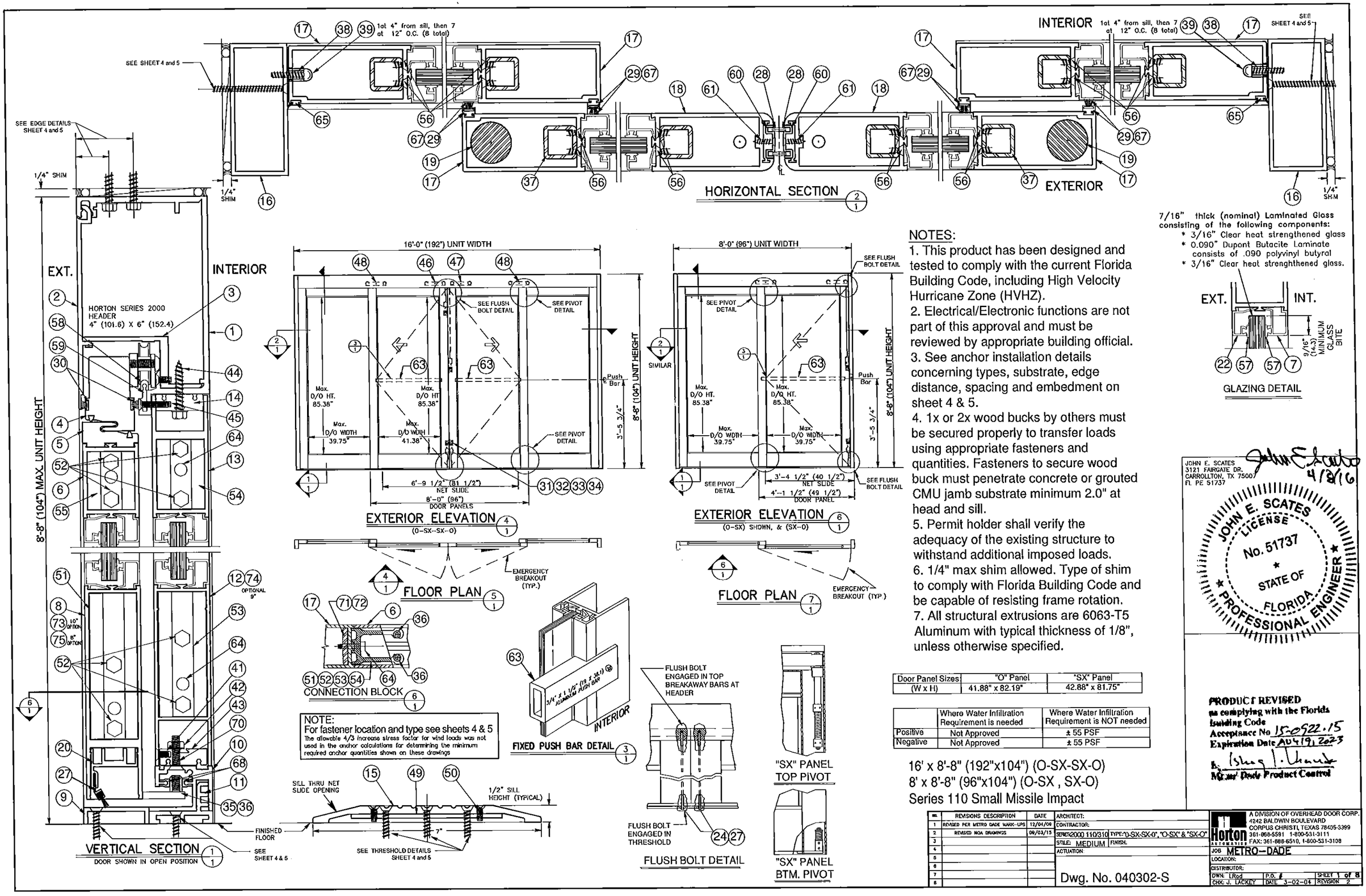
1. Statement letter of conformance to FBC 2014(5th Edition) & "No financial interest", dated SEP 11, 2015, signed & sealed by John E. Scates, P.E.
2. Addendum letter dated 06-12-08, issued by Hurricane Testing lab, signed and sealed by Vinu Abraham, P. E.
3. Lab compliance as part of the above referenced test report.

### G. OTHER

1. This NOA **revises & renews #14-0602.06,** expiring 08/19/23.

Ishaq I. Chanda

**Ishaq I. Chanda, P.E.**
**Product Control Examiner**
**NOA No. 15-0922.15**
**Expiration Date: August 19, 2023**
**Approval Date: April 14, 2016**




NOTES:

1. This product has been designed and tested to comply with the current Florida Building Code, including High Velocity Hurricane Zone (HVHZ).
2. Electrical/Electronic functions are not part of this approval and must be reviewed by appropriate building official.
3. See anchor installation details concerning types, substrate, edge distance, spacing and embedment on sheet 4 & 5.
4. 1x or 2x wood bucks by others must be secured properly to transfer loads using appropriate fasteners and quantities. Fasteners to secure wood buck must penetrate concrete or grouted CMU jamb substrate minimum 2.0" at head and sill.
5. Permit holder shall verify the adequacy of the existing structure to withstand additional imposed loads.
6. 1/4" max shim allowed. Type of shim to comply with Florida Building Code and be capable of resisting frame rotation.
7. All structural extrusions are 6063-T5 Aluminum with typical thickness of 1/8", unless otherwise specified.

| Door Panel Sizes | "O" Panel | "SX" Panel |
|---|---|---|
| (W x H) | 41.88" x 82.19" | 42.88" x 81.75" |

| | Where Water Infiltration Requirement is needed | Where Water Infiltration Requirement is NOT needed |
|---|---|---|
| Positive | Not Approved | ± 55 PSF |
| Negative | Not Approved | ± 55 PSF |

16' x 8'-8" (192"x104") (O-SX-SX-O)
8' x 8'-8" (96"x104") (O-SX , SX-O)
Series 110 Small Missile Impact

JOHN E. SCATES
3121 FAIRGATE DR.
CARROLLTON, TX 75007
FL PE 51737

4/8/16

JOHN E. SCATES LICENSE No. 51737 STATE OF FLORIDA PROFESSIONAL ENGINEER

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 15-0522.15
Expiration Date Aug 19, 2023
Product Control

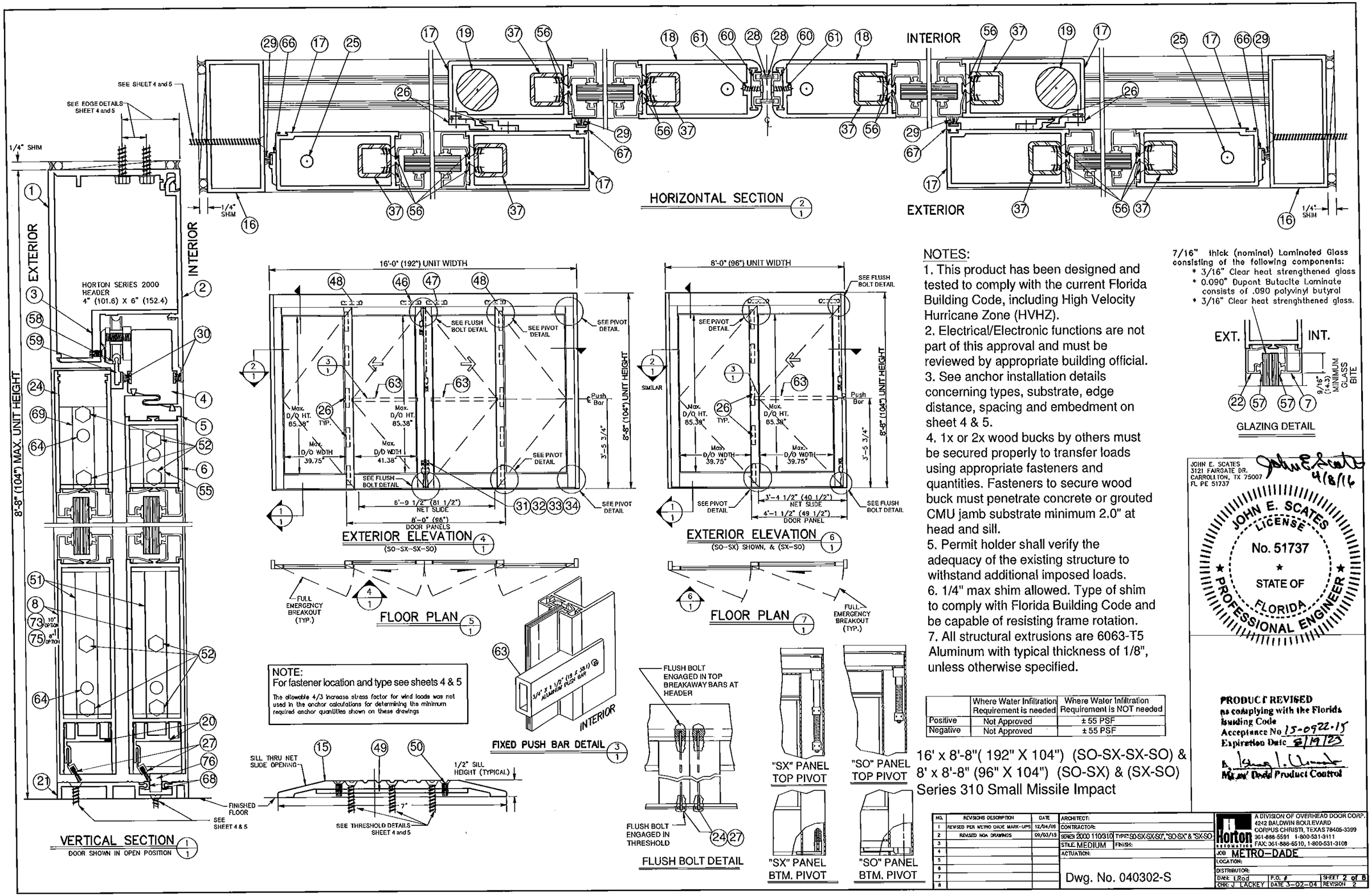
| No. | REVISIONS DESCRIPTION | DATE |
|---|---|---|
| 1 | REVISED PER METRO DADE MARK-UPS | 12/04/09 |
| 2 | REVISED NOA DRAWINGS | 09/03/15 |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |
| 7 | | |
| 8 | | |

ARCHITECT:
CONTRACTOR:
SERIES 2000 110/310 TYPE "O-SX-SX-O", "O-SX" & "SX-O"
STILE: MEDIUM FINISH:
ACTUATION:

Dwg. No. 040302-S

Horton AUTOMATICS
A DIVISION OF OVERHEAD DOOR CORP.
4242 BALDWIN BOULEVARD
CORPUS CHRISTI, TEXAS 78405-3399
361-888-5581 1-800-531-3111
FAX: 361-888-6510, 1-800-531-3108

JOB METRO-DADE
LOCATION:
DISTRIBUTOR:
DWN: LRod P.O. # SHEET 1 of 8
CHK: J. LACKEY DATE 3-02-04 REVISION 2




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

NOTES:

1. This product has been designed and tested to comply with the current Florida Building Code, including High Velocity Hurricane Zone (HVHZ).
2. Electrical/Electronic functions are not part of this approval and must be reviewed by appropriate building official.
3. See anchor installation details concerning types, substrate, edge distance, spacing and embedment on sheet 4 & 5.
4. 1x or 2x wood bucks by others must be secured properly to transfer loads using appropriate fasteners and quantities. Fasteners to secure wood buck must penetrate concrete or grouted CMU jamb substrate minimum 2.0" at head and sill.
5. Permit holder shall verify the adequacy of the existing structure to withstand additional imposed loads.
6. 1/4" max shim allowed. Type of shim to comply with Florida Building Code and be capable of resisting frame rotation.
7. All structural extrusions are 6063-T5 Aluminum with typical thickness of 1/8", unless otherwise specified.

| | Where Water Infiltration Requirement is needed | Where Water Infiltration Requirement is NOT needed |
|---|---|---|
| Positive | Not Approved | ± 55 PSF |
| Negative | Not Approved | ± 55 PSF |

16' x 8'-8"( 192" X 104") (SO-SX-SX-SO) &
8' x 8'-8" (96" X 104") (SO-SX) & (SX-SO)
Series 310 Small Missile Impact

7/16" thick (nominal) Laminated Glass consisting of the following components:
* 3/16" Clear heat strengthened glass
* 0.090" Dupont Butacite Laminate consists of .090 polyvinyl butyral
* 3/16" Clear heat strenghthened glass.

EXT. INT.
9/16" (14.3) MINIMUM GLASS BITE

GLAZING DETAIL

JOHN E. SCATES
3121 FAIRGATE DR.
CARROLLTON, TX 75007
FL PE 51737

4/8/16

JOHN E. SCATES LICENSE No. 51737 STATE OF FLORIDA PROFESSIONAL ENGINEER

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 15-0922.15
Expiration Date 8/19/23
Miami-Dade Product Control

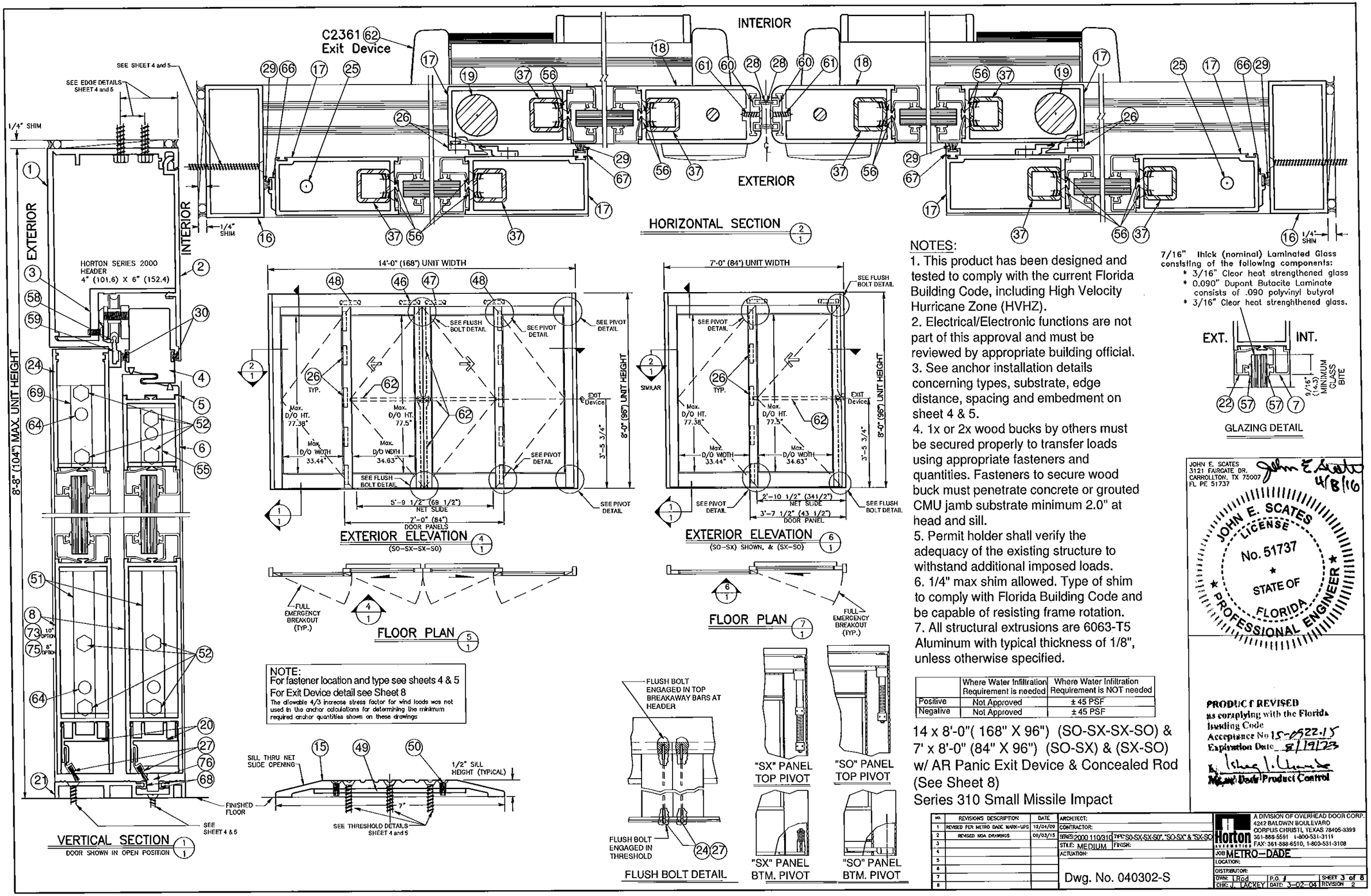
| NO. | REVISIONS DESCRIPTION | DATE |
|---|---|---|
| 1 | REVISED PER METRO DADE MARK-UPS | 12/04/09 |
| 2 | REVISED NOA DRAWINGS | 09/03/15 |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |
| 7 | | |
| 8 | | |

ARCHITECT:
CONTRACTOR:
SERIES 2000 110/310 TYPE: SO-SX-SX-SO", "SO-SX" & "SX-SO"
STILE: MEDIUM FINISH:
ACTUATION:

Dwg. No. 040302-S

Horton AUTOMATICS
A DIVISION OF OVERHEAD DOOR CORP.
4242 BALDWIN BOULEVARD
CORPUS CHRISTI, TEXAS 78405-3399
361-888-5591 1-800-531-3111
FAX: 361-888-6510, 1-800-531-3108

JOB METRO-DADE
LOCATION:
DISTRIBUTOR:
DWN: LRod P.O. # SHEET 2 of 8
CHK: J. LACKEY DATE 3-02-04 REVISION 2




NOTE:
For fastener location and type see sheets 4 & 5
For Exit Device detail see Sheet 8
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

NOTES:

1. This product has been designed and tested to comply with the current Florida Building Code, including High Velocity Hurricane Zone (HVHZ).
2. Electrical/Electronic functions are not part of this approval and must be reviewed by appropriate building official.
3. See anchor installation details concerning types, substrate, edge distance, spacing and embedment on sheet 4 & 5.
4. 1x or 2x wood bucks by others must be secured properly to transfer loads using appropriate fasteners and quantities. Fasteners to secure wood buck must penetrate concrete or grouted CMU jamb substrate minimum 2.0" at head and sill.
5. Permit holder shall verify the adequacy of the existing structure to withstand additional imposed loads.
6. 1/4" max shim allowed. Type of shim to comply with Florida Building Code and be capable of resisting frame rotation.
7. All structural extrusions are 6063-T5 Aluminum with typical thickness of 1/8", unless otherwise specified.

| | Where Water Infiltration Requirement is needed | Where Water Infiltration Requirement is NOT needed |
|---|---|---|
| Positive | Not Approved | ± 45 PSF |
| Negative | Not Approved | ± 45 PSF |

14 x 8'-0"( 168" X 96") (SO-SX-SX-SO) & 7' x 8'-0" (84" X 96") (SO-SX) & (SX-SO) w/ AR Panic Exit Device & Concealed Rod (See Sheet 8)
Series 310 Small Missile Impact

JOHN E. SCATES
3121 FAIRGATE DR.
CARROLLTON, TX 75007
FL PE 51737
4/8/16
JOHN E. SCATES LICENSE No. 51737 STATE OF FLORIDA PROFESSIONAL ENGINEER

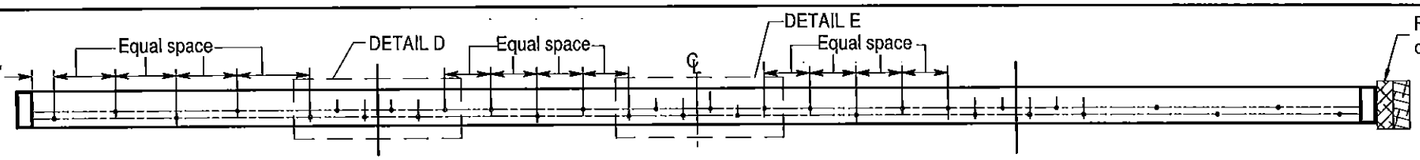
PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 15-0522.15
Expiration Date 8/19/23
Miami-Dade Product Control

| No. | REVISIONS DESCRIPTION | DATE |
|---|---|---|
| 1 | REVISED PER METRO DADE MARK-UPS | 12/04/09 |
| 2 | REVISED NOA DRAWINGS | 09/03/15 |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |
| 7 | | |
| 8 | | |

ARCHITECT:
CONTRACTOR:
SERIES: 2000 110/310 TYPE: SO-SX-SX-SO", "SO-SX" & "SX-SO"
STYLE: MEDIUM FINISH:
ACTUATION:
Dwg. No. 040302-S

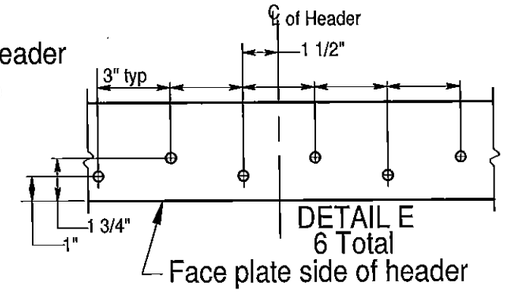
Horton AUTOMATICS
A DIVISION OF OVERHEAD DOOR CORP.
4242 BALDWIN BOULEVARD
CORPUS CHRISTI, TEXAS 78405-3399
361-888-5591 1-800-531-3111
FAX: 361-888-6510, 1-800-531-3108

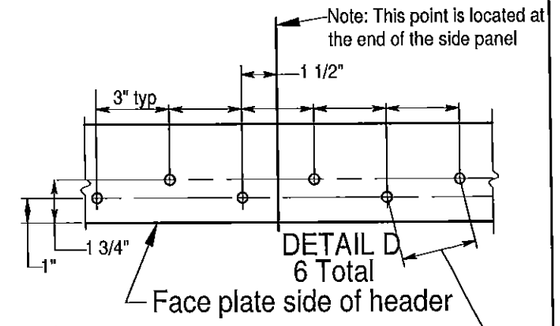
JOB METRO-DADE
LOCATION:
DISTRIBUTOR:
DWN: TRod P.O. #
CHK: J. LACKEY DATE: 3-02-04
SHEET 3 of 8
REVISION 2

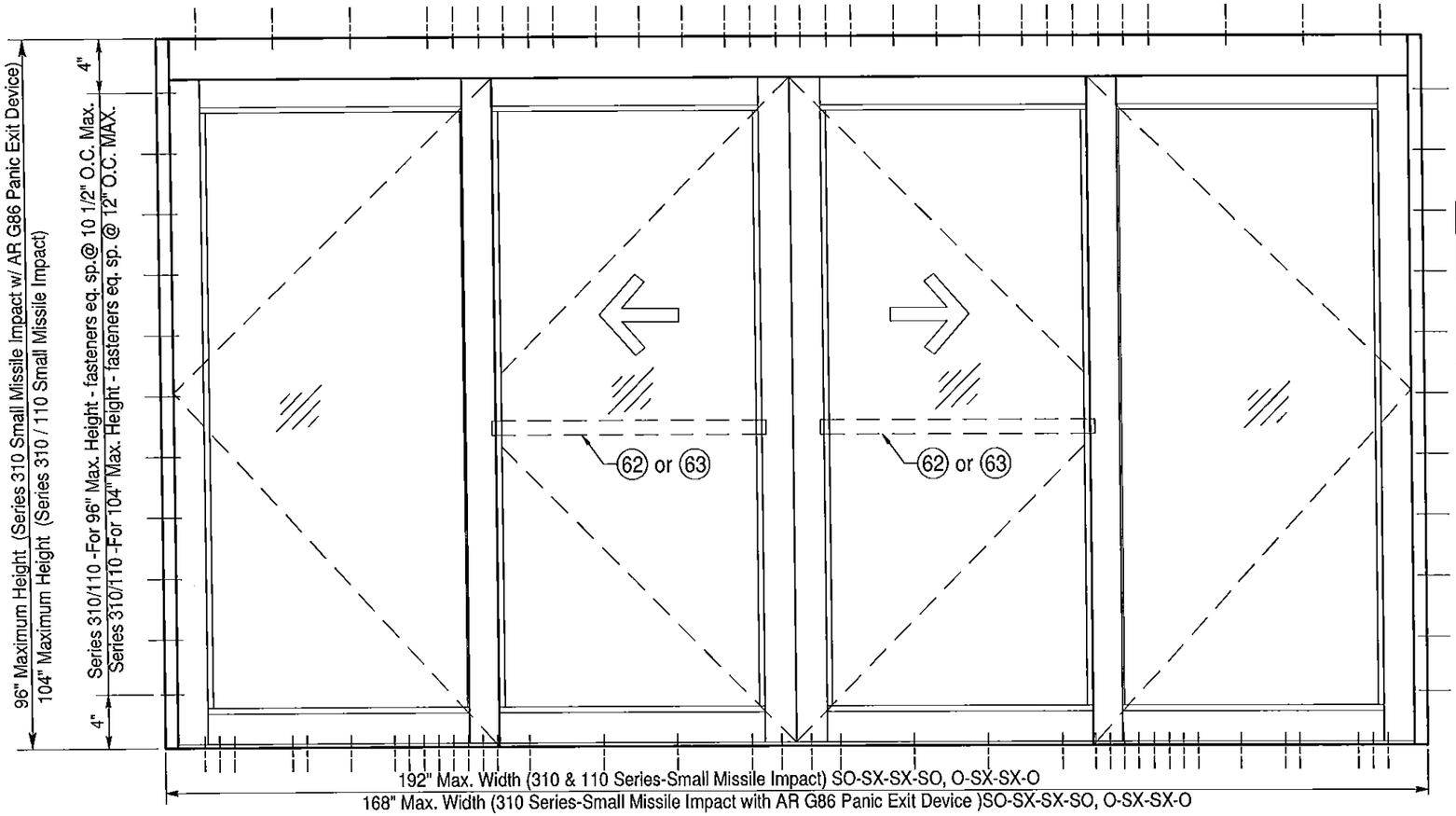



For wood substrate jambs orient as shown here

TYPE 110 & 310 Header (Refer to Faceplate Location)




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-1/4" thk. Max

The 4/3 increase stress factor for wind loads was not used in the anchor calculations.

HEADER

Steel (0.125" Thick, Fy=36 KSI)– INTERCORP #14 Steel HWH Self–Drilling Screw, 0.625" Min. Edge Distance (Full Thread Engagement)

Aluminum(0.125" Thick Min./6063–T5)– 1/4"–14 HWH Sheetmetal Screw, 1" Min. Edge Distance. (Full Thread Engagement)

JAMBS

Steel (0.125" Thick, Fy=36 KSI)– ITW TEKS SCREW #14–20, FH w/WINGS Self–Drilling Screw 0.625" Minimum Edge Distance

Concrete(3350 PSI)– Crete–Flex SS4 1/4" FH Concrete Screw/Anchor, 1.75" Embed, 2.5" Min. Edge Distance

Masonry(Solid CMU Block)– Crete–Flex SS4 1/4" FH Concrete Screw/Anchor, 1.25" Embed, 2.5" Min. Edge Distance

Aluminum(0.125" Thick Minimum/6063–T5)– 1/4"–14 FH Sheetmetal Screw, 1" Min. Edge Distance.

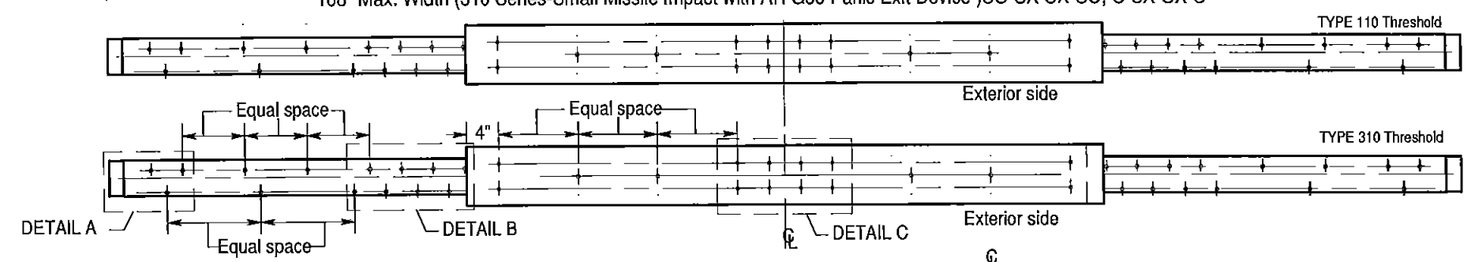
Wood(#2 SYP)–1/4" x 4" Long Lag Bolt 2.75"Minimum Penetration, 1" Minimum Edge Distance (2) 2 X 8 W/ Min G = .55

THRESHOLD

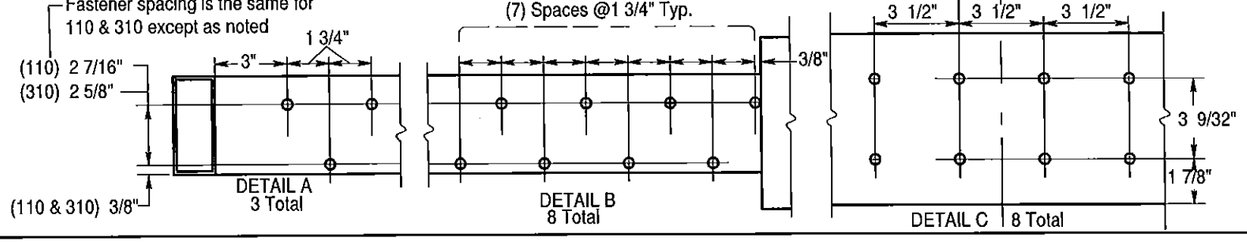
Steel (0.125" Thick, Fy=36 KSI)– ITW TEKS SCREW #14–20 PFH w/Wings Self–Drilling Screw, 0.625" Minimum Edge Distance (Full Thread Engagement)

Concrete(3350 PSI)– Crete–Flex SS4 FH 1/4" Concrete Screw 1.75" Embed, 2.5" Minimum Edge Distance

Aluminum(0.125" Thick Minimum/6063–T5)– 1/4"–14 FH Sheetmetal Screw, 1" Minimum Edge Distance (Full Thread Engagement)




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




2000 110 & 310 Bi-Parts Small Missile Impact Fastener Locations

JOHN E. SCATES
3121 FAIRGATE DR.
CARROLLTON, TX 75007
FL PE 51737

4/8/16

JOHN E. SCATES LICENSE No. 51737 STATE OF FLORIDA PROFESSIONAL ENGINEER

PRODUCT REVISED
as complying with the Florida building Code
Acceptance No. 15-0922.15
Expiration Date 8/19/23
By: Mgmt Dade/Product Control

| NO. | REVISIONS DESCRIPTION | DATE |
|---|---|---|
| 1 | REVISED PER METRO DADE | 12/04/09 |
| 2 | REVISED NOA DRAWINGS | 09/03/15 |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |
| 7 | | |
| 8 | | |

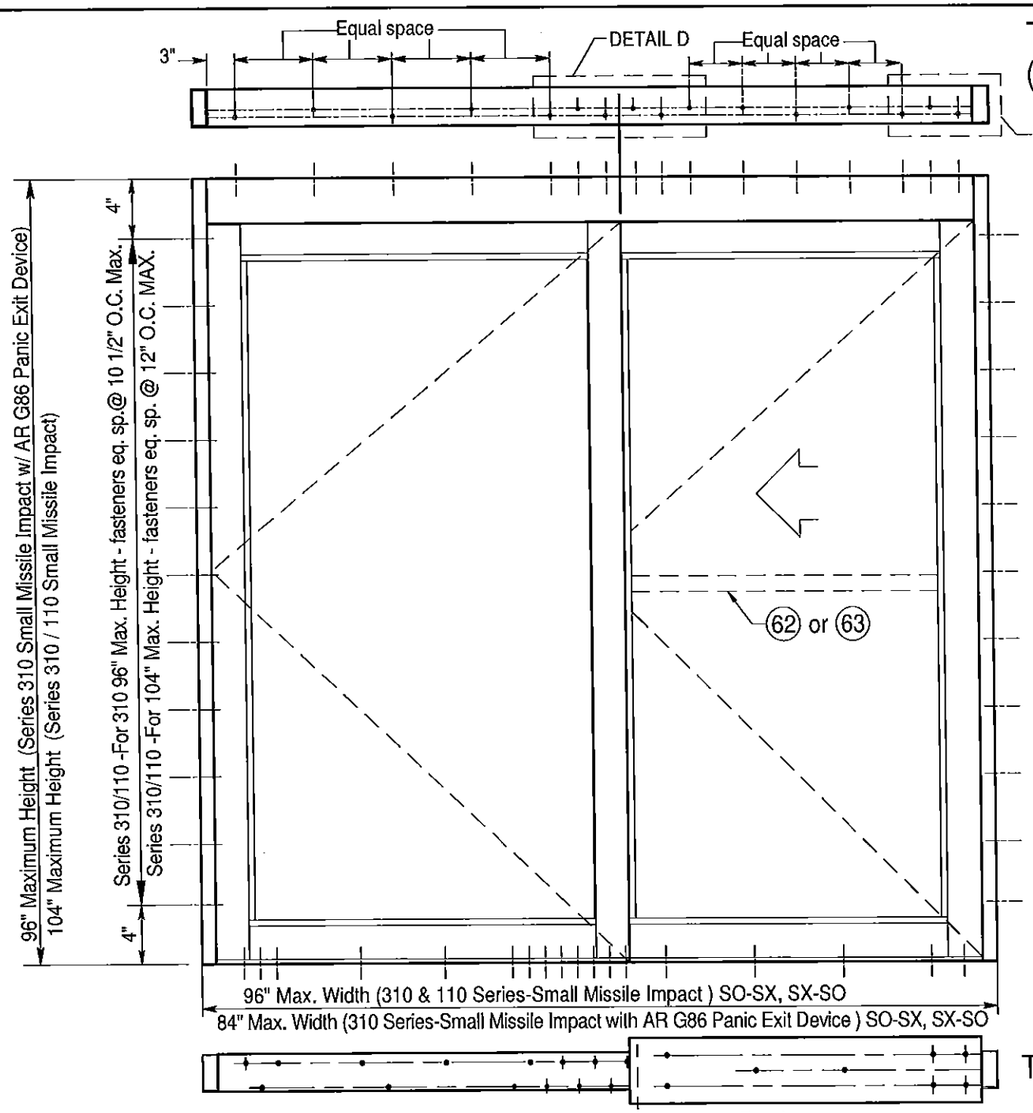
ARCHITECT:
CONTRACTOR:
SERIES: 2000-110/310 TYPE: "SO-SX-SX-SO", "O-SX-SX-O"
STILE: MEDIUM FINISH:
ACTUATION:

Bi-Part Fastener Locations
Dwg. No. 040302-S

Horton AUTOMATICS
A DIVISION OF OVERHEAD DOOR CORP.
4242 BALDWIN BOULEVARD
CORPUS CHRISTI, TEXAS 78405-3399
361-888-5591 1-800-531-3111
FAX: 361-888-6510, 1-800-531-3108

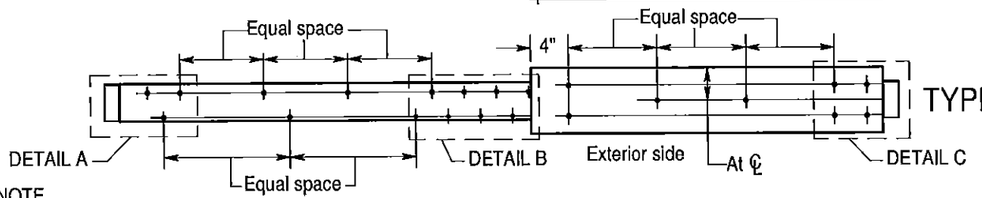
JOB METRO-DADE
LOCATION:
DISTRIBUTOR:
DWN: LRod | P.O. # | SHEET 4 of 8
CHK: J. LACKEY | DATE: 3-02-04 | REVISION 2

# TYPE 110 & 310 Header
(Refer to Faceplate Location)






TYPE 110 Threshold




TYPE 310 Threshold

HEADER

Steel (0.125" Thick, Fy=36 KSI) – INTERCORP #14 Steel HWH Self–Drilling Screw, 0.625" Min. Edge Distance (Full Thread Engagement)

Aluminum(0.125" Thick Min./6063–T5) – 1/4"–14 HWH Sheetmetal Screw, 1" Min. Edge Distance. (Full Thread Engagement)

JAMBS

Steel (0.125" Thick, Fy=36 KSI) –ITW TEKS SCREW #14–20, FH w/WINGS Self–Drilling Screw 0.625" Minimum Edge Distance

Concrete(3350 PSI) – Crete–Flex SS4 1/4" FH Concrete Screw/Anchor, 1.75" Embed, 2.5" Min. Edge Distance

Masonry(Solid CMU Block) – Crete–Flex SS4 1/4" FH Concrete Screw/Anchor, 1.25" Embed, 2.5" Min. Edge Distance

Aluminum(0.125" Thick Minimum/6063–T5) – 1/4"–14 FH Sheetmetal Screw, 1" Min. Edge Distance.

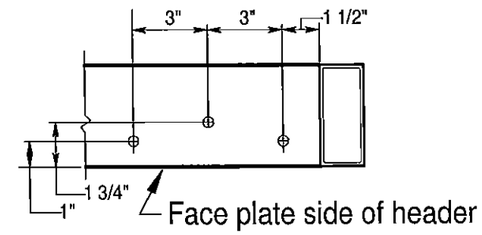
Wood(#2 SYP)–1/4" x 4" Long Lag Bolt 2.75"Minimum Penetration, 1" Minimum Edge Distance (2) 2 X 8 W/ Min G = .55

THRESHOLD

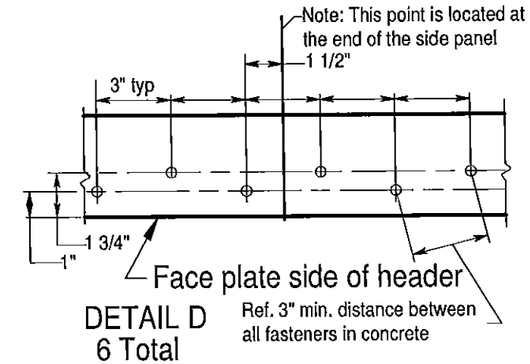
Steel (0.125" Thick, Fy=36 KSI)– ITW TEKS SCREW #14–20 PFH w/Wings Self–Drilling Screw, 0.625" Minimum Edge Distance (Full Thread Engagement)

Concrete(3350 PSI)– Crete–Flex SS4 FH 1/4" Concrete Screw 1.75" Embed, 2.5" Minimum Edge Distance

Aluminum(0.125" Thick Minimum/6063–T5) – 1/4"–14 FH Sheetmetal Screw, 1" Minimum Edge Distance (Full Thread Engagement)




DETAIL E
6 Total

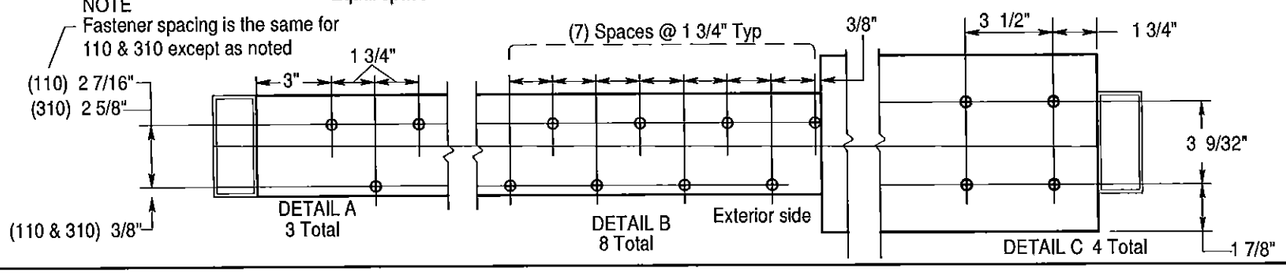



DETAIL D
6 Total

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-1/4" thk. Max

The 4/3 increase stress factor for wind loads was not used in the anchor calculations.

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




2000 110 & 310 Single Slide -Small Missile Impact
FASTENER LOCATIONS

JOHN E. SCATES
3121 FAIRGATE DR.
CARROLLTON, TX 75007
FL PE 51737

John E Scates 4/8/16

JOHN E. SCATES LICENSE No. 51737 STATE OF FLORIDA PROFESSIONAL ENGINEER

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No 15-0922.15
Expiration Date 8/19/23
By Ishaq L. Chandra
Mgr. Dade Product Control

| NO. | REVISIONS DESCRIPTION | DATE |
|---|---|---|
| 1 | REVISED PER METRO DADE | 12/04/09 |
| 2 | REVISED FOR NOA | 09/09/15 |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |
| 7 | | |
| 8 | | |

ARCHITECT:
CONTRACTOR:
SERIES 2000 110/310 TYPE: S0-SX" & "SX-SO", 0-SX" & "SX-0"
STILE: MEDIUM FINISH:
ACTUATION:

Single Slide Fastener Locations
Dwg. No. 040302-S

Horton AUTOMATICS
JOB METRO–DADE
LOCATION:
DISTRIBUTOR:
DWN: LRod P.O. # SHEET 5 of 8
CHK: J. LACKEY DATE 3-02-04 REVISION 2

| 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 | ADAPTOR FOR ITEM 67 |
| 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 | THRESHOLD BOLT AR 4015 |
| 35 | C00843.01FL | BOTTOM GUIDE DOOR MOUNTED |
| 36 | C00844.01FL | BOTTOM GUIDE DOOR MOUNTED |
| 37 | C01987.0000 | STEEL TUBE 1"x1"x1/8" A500 (FULL LENGTH PANEL STILES) |
| 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 |
| 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 |
| 45 | C07141.0000 | #10-24 X 1" FHMS |
| 46 | C02130.01FL | DRIVE WHEEL ASSEMBLY |
| 47 | C00815.0RFL | WHEEL ASSEMBLY |
| 48 | C00817.00FL | IDLER WHEEL ASSEMBLY |
| 49 | C00448.0000 | PLATE, 1/8" THICK ALUMINUM |
| 50 | C00437.0000 | #10-24 X 1/2" FHMS |
| 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 |
| 57 | C00341.0001 | GLAZING BEAD |
| 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 | PANIC EXIT DEVICE ADAM'S RITE G86H W/ CONCEALED ROD |
| 63 | C00278.001ABC | FIXED PUSHBAR; ALUMINUM TUBE |
| 64 | C09719.0000 | ALL THREAD 3/8-16 |
| 65 | C00371.000R | WEATHERSTRIP; PANEL TO JAMB |
| 66 | C00398.0000 | ALUMINUM EXTRUSION; MOHAIR ADAPTOR |
| 67 | C00389.00FL | INTERLOCK SEAL SHCLEGEL #7595-6011-0 |
| 68 | C00289.0000 | TRACK CAP |
| 69 | C00536.0003 | CORNER BLOCK |
| 70 | C08141.0000 | 1/4-20 X 1" FHMS |
| 71 | C01046.0000 | BACKUP PLATE |
| 72 | C00538.000R | BACKUP PLATE |
| 73 | C02966.0002/C06967.0002 | ALUMINUM EXTRUSION; BOTTOM RAIL 10" |
| 74 | C00342.005AB | ALUMINUM EXTRUSION; BOTTOM RAIL 9" |
| 75 | C02797.000AB | ALUMINUM EXTRUSION; BOTTOM RAIL 8" |
| 76 | C00852.0004 | BOTTOM GUIDE DOOR MOUNTED |

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
C843-1FL & C844-1FL BOTTOM GUIDES


JOHN E. SCATES
3121 FAIRGATE DR.
CARROLLTON, TX 75007
FL PE 51737


4/8/16

JOHN E. SCATES LICENSE No. 51737 STATE OF FLORIDA PROFESSIONAL ENGINEER

PRODUCT REVISED
to complying with the Florida
Building Code
Acceptance No. 15-0922.15
Expiration Date 3/19/23
Miami-Dade Product Control

Series 310 / 110 Small Missile Impact

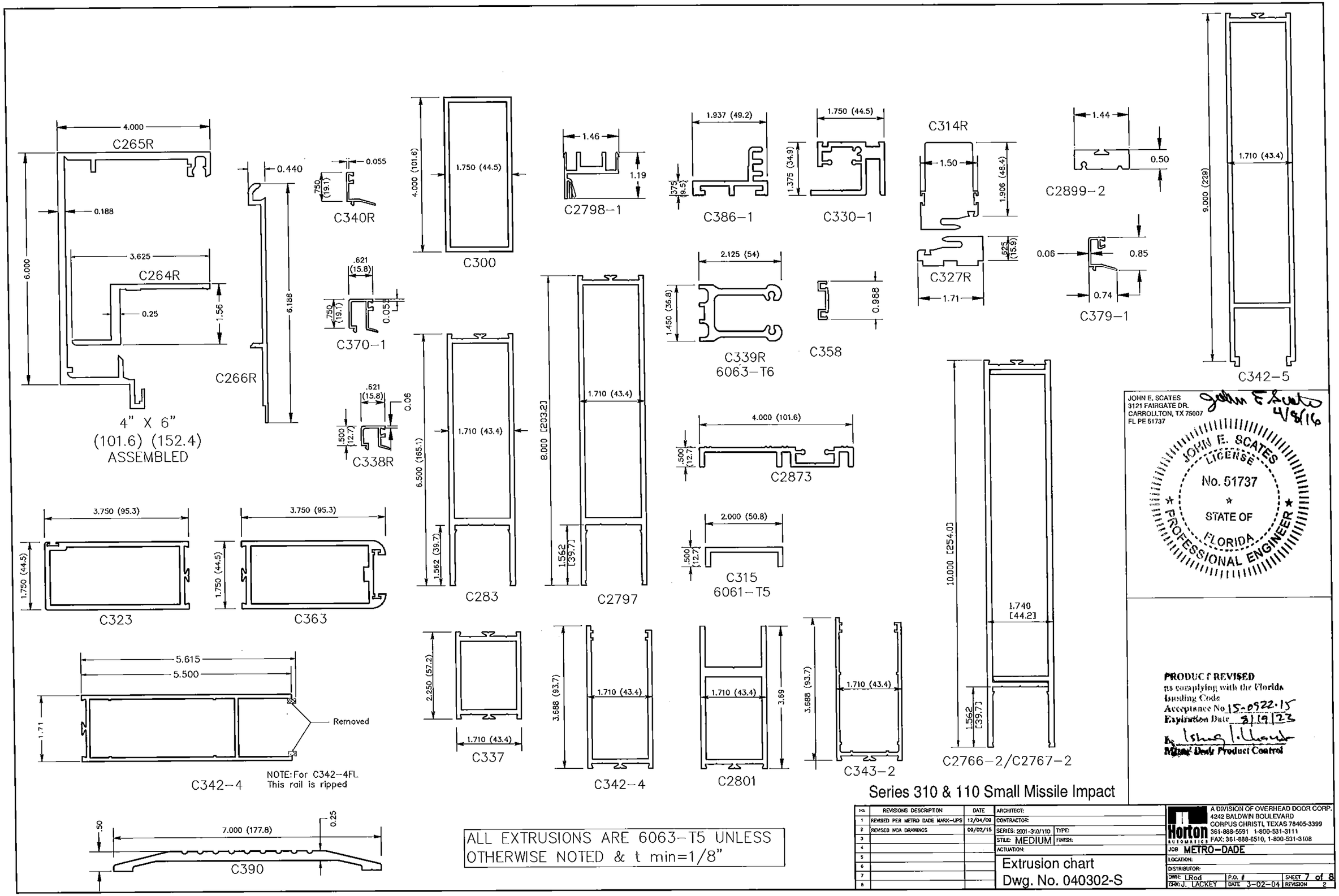
| NO. | REVISIONS DESCRIPTION | DATE |
|---|---|---|
| 1 | REVISED PER METRO DADE MARK-UPS | 12/04/09 |
| 2 | REVISED NOA DRAWINGS | 09/02/15 |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |
| 7 | | |
| 8 | | |

ARCHITECT:
CONTRACTOR:
SERIES: TYPE:
STILE: MEDIUM FINISH:
ACTUATION:

Bill of materials
Dwg. No. 040302-S


Horton AUTOMATICS
A DIVISION OF OVERHEAD DOOR CORP.
4242 BALDWIN BOULEVARD
CORPUS CHRISTI, TEXAS 78405-3399
361-888-5591 1-800-531-3111
FAX: 361-888-6510, 1-800-531-3108


JOB METRO—DADE
LOCATION:
DISTRIBUTOR:
DWN: LRod P.O. # SHEET 6 of 8
CHK: J. LACKEY DATE 3-02-04 REVISION 2




ALL EXTRUSIONS ARE 6063-T5 UNLESS OTHERWISE NOTED & t min=1/8"

Series 310 & 110 Small Missile Impact


JOHN E. SCATES
3121 FAIRGATE DR.
CARROLLTON, TX 75007
FL PE 51737


John E Scates 4/8/16

JOHN E. SCATES LICENSE No. 51737 STATE OF FLORIDA PROFESSIONAL ENGINEER

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 15-0922.15
Expiration Date 8/19/23
By [signature]
Miami Dade Product Control

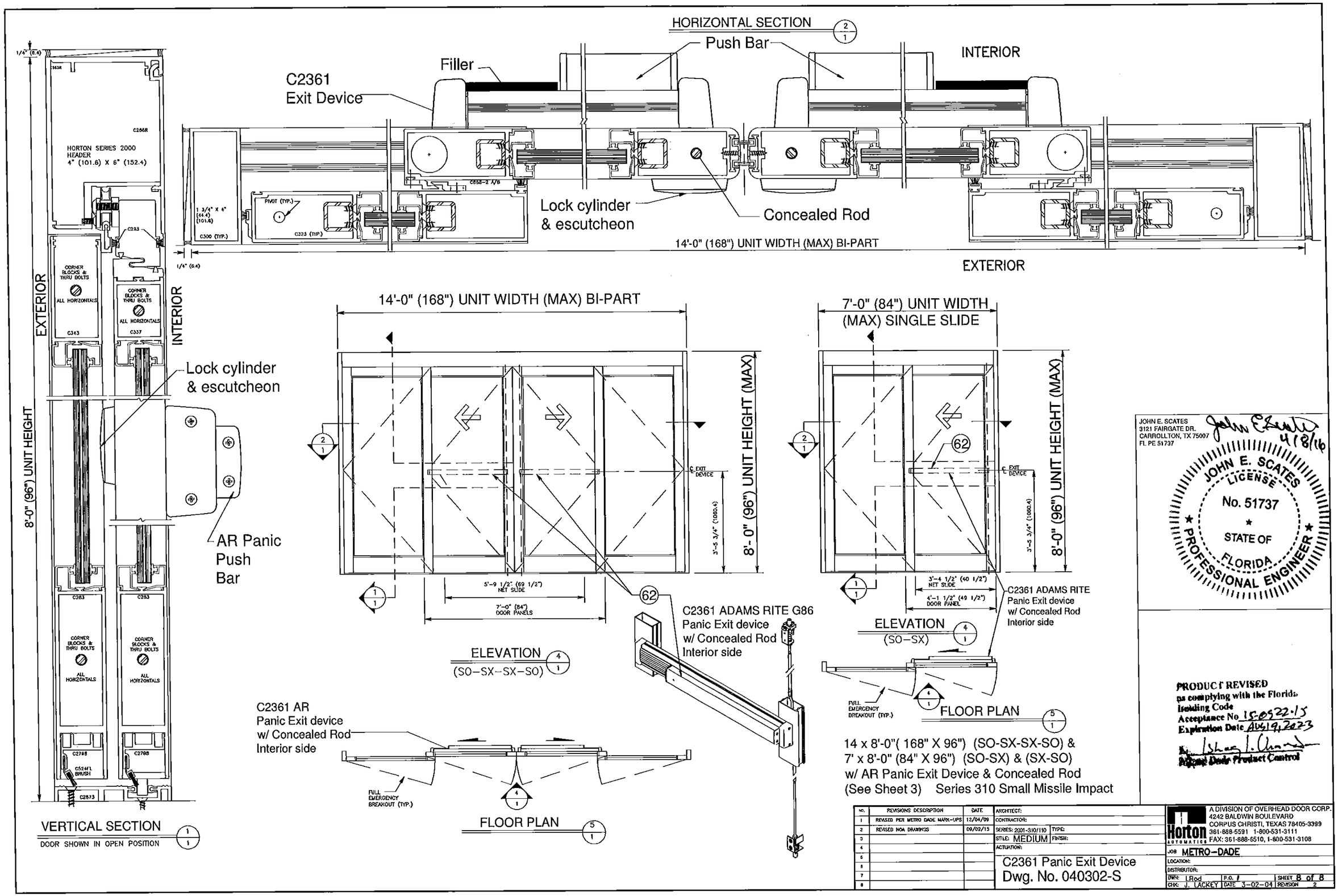
| NO. | REVISIONS DESCRIPTION | DATE |
|---|---|---|
| 1 | REVISED PER METRO DADE MARK-UPS | 12/04/09 |
| 2 | REVISED NOA DRAWINGS | 09/02/15 |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |
| 7 | | |
| 8 | | |

ARCHITECT:
CONTRACTOR:
SERIES: 2001-310/110 TYPE:
STILE: MEDIUM FINISH:
ACTUATION:

Extrusion chart
Dwg. No. 040302-S


Horton AUTOMATICS
A DIVISION OF OVERHEAD DOOR CORP.
4242 BALDWIN BOULEVARD
CORPUS CHRISTI, TEXAS 78405-3399
361-888-5591 1-800-531-3111
FAX: 361-888-6510, 1-800-531-3108


JOB METRO-DADE
LOCATION:
DISTRIBUTOR:
DWN: LRod P.O. # SHEET 7 of 8
CHK: J. LACKEY DATE 3-02-04 REVISION 2


HORIZONTAL SECTION 2/1
Push Bar
INTERIOR
Filler
C2361
Exit Device
Lock cylinder
& escutcheon
Concealed Rod
14'-0" (168") UNIT WIDTH (MAX) BI-PART
EXTERIOR
HORTON SERIES 2000
HEADER
4" (101.6) X 6" (152.4)
EXTERIOR
INTERIOR
8'-0" (96") UNIT HEIGHT
Lock cylinder
& escutcheon
AR Panic
Push
Bar
VERTICAL SECTION 1/1
DOOR SHOWN IN OPEN POSITION
14'-0" (168") UNIT WIDTH (MAX) BI-PART
8'-0" (96") UNIT HEIGHT (MAX)
5'-9 1/2" (69 1/2") NET SLIDE
7'-0" (84") DOOR PANELS
ELEVATION 4/1
(SO-SX-SX-SO)
C2361 ADAMS RITE G86
Panic Exit device
w/ Concealed Rod
Interior side
C2361 AR
Panic Exit device
w/ Concealed Rod
Interior side
FULL EMERGENCY BREAKOUT (TYP.)
FLOOR PLAN 5/1
7'-0" (84") UNIT WIDTH
(MAX) SINGLE SLIDE
8'-0" (96") UNIT HEIGHT (MAX)
3'-4 1/2" (40 1/2") NET SLIDE
4'-1 1/2" (49 1/2") DOOR PANEL
C2361 ADAMS RITE
Panic Exit device
w/ Concealed Rod
Interior side
ELEVATION 4/1
(SO-SX)
FULL EMERGENCY BREAKOUT (TYP.)
FLOOR PLAN 5/1
14 x 8'-0"( 168" X 96") (SO-SX-SX-SO) &
7' x 8'-0" (84" X 96") (SO-SX) & (SX-SO)
w/ AR Panic Exit Device & Concealed Rod
(See Sheet 3) Series 310 Small Missile Impact
JOHN E. SCATES
3121 FAIRGATE DR.
CARROLLTON, TX 75007
FL PE 51737
4/8/16
JOHN E. SCATES
LICENSE
No. 51737
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0522.15
Expiration Date AUG 19, 2023
Product Control
REVISIONS DESCRIPTION
REVISED PER METRO DADE MARK-UPS 12/04/09
REVISED NOA DRAWINGS 09/02/15
ARCHITECT:
CONTRACTOR:
SERIES: 2001-310/110 TYPE:
STILE: MEDIUM FINISH:
ACTUATION:
C2361 Panic Exit Device
Dwg. No. 040302-S
A DIVISION OF OVERHEAD DOOR CORP.
4242 BALDWIN BOULEVARD
CORPUS CHRISTI, TEXAS 78405-3399
361-888-5591 1-800-531-3111
FAX: 361-888-6510, 1-800-531-3108
JOB METRO-DADE
LOCATION:
DISTRIBUTOR:
DWN: J.Rod
P.O. #
SHEET 8 of 8
CHK: J. LACKEY
DATE 3-02-04
REVISION 2