



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)

www.buildingcodeonline.com

Horton Automatics Division of Overhead Doors
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 by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "S2000 "(O-Sx-Sx-O or O-Sx) Aluminum Automatic Sliding Glass Door w/Reinforcement

APPROVAL DOCUMENT: Drawing No. 960713, Sheets 1 through 5 of 5, prepared by manufacturer, dated 07/13/96 and last revised on 06-23-06, signed and sealed by Ballard L. Argus, 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 Division.

MISSILE IMPACT RATING: None. Approved Hurricane Protection System complying HVHZ, FBC required

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 **revises** NOA # 03-0306.05 and, 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.**



6/30/06

NOA No 06-0124.08
Expiration Date: April 08, 2008
Approval Date: July 20, 2006
Page 1

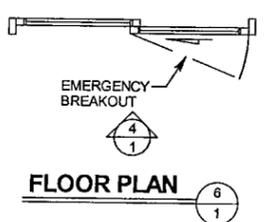
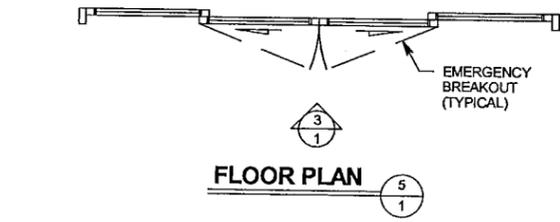
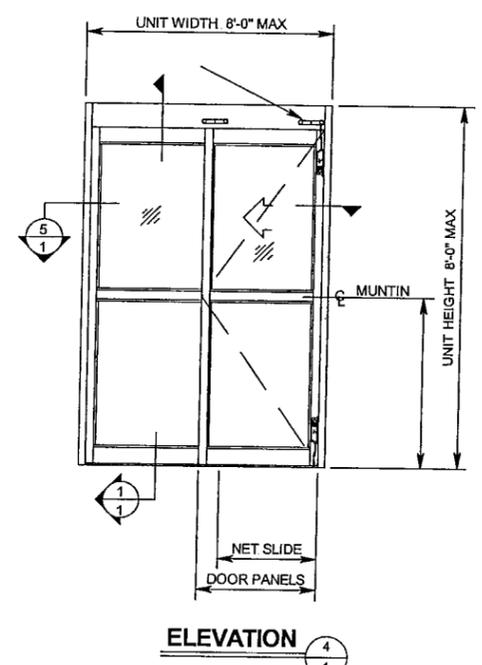
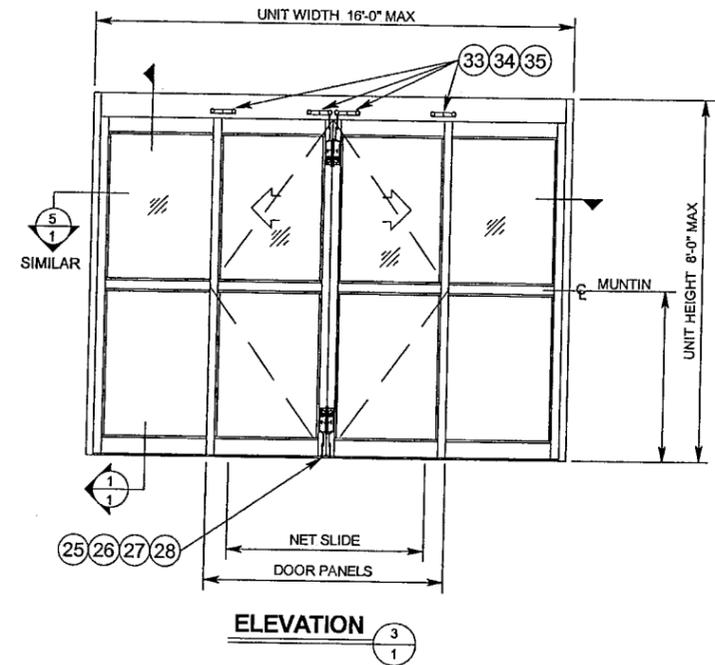
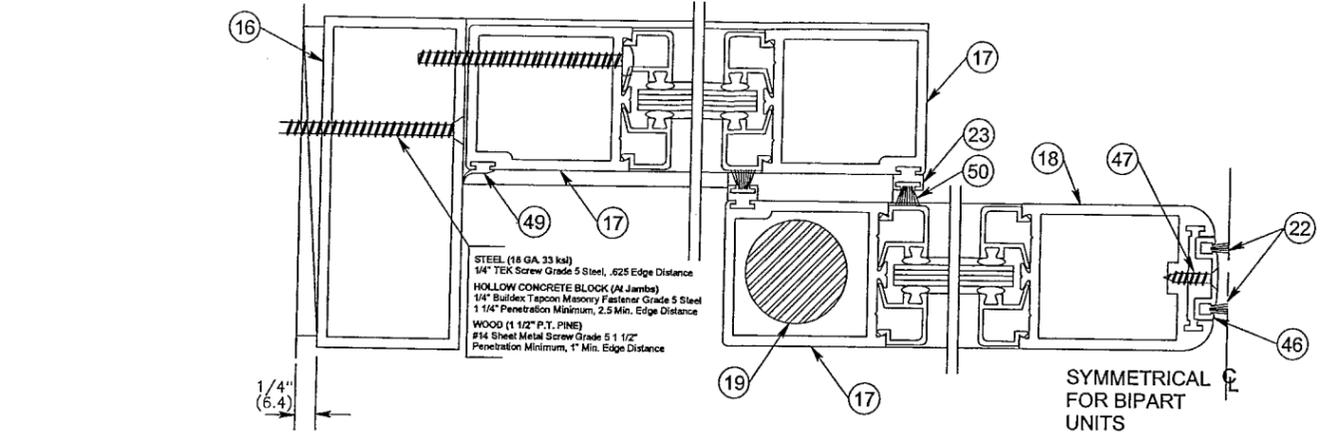
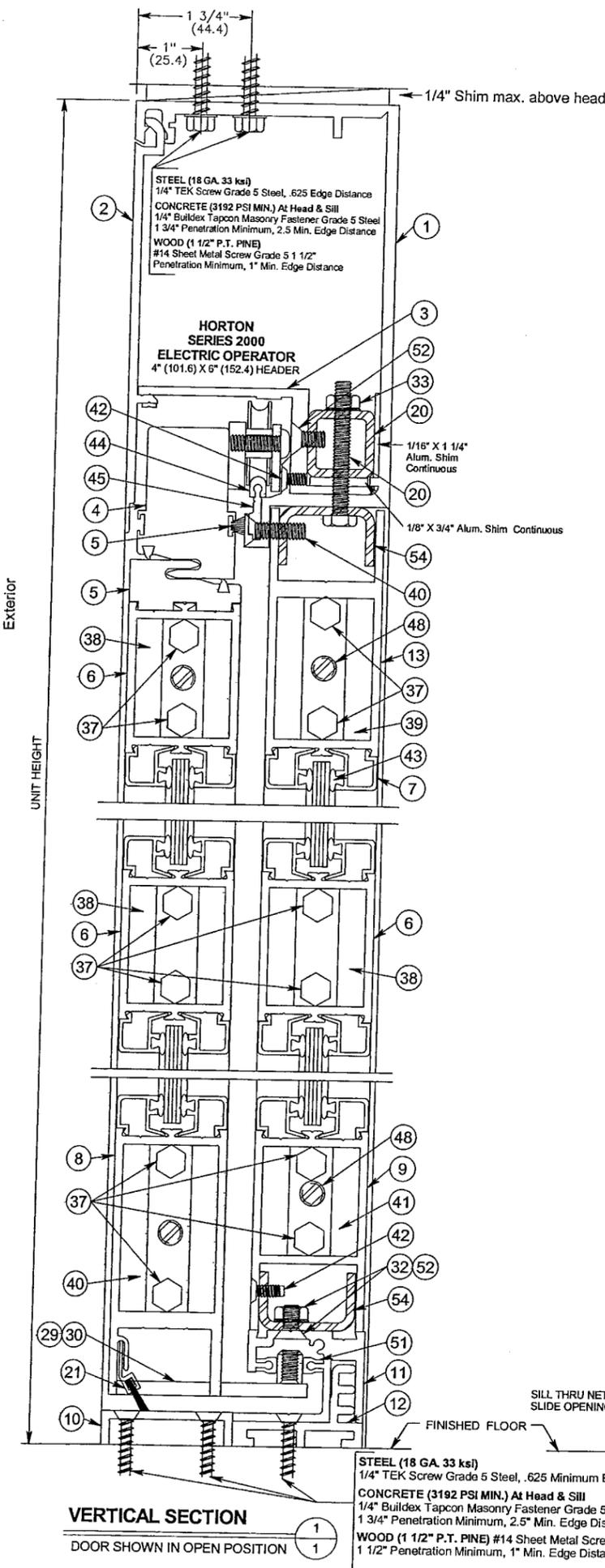
Horton Automatics Division of Overhead Doors

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- A. DRAWINGS** (transferred from file #03-0306 05)
1. Manufacturer's die drawings and sections
 2. Drawing No. **960713**, Sheets 1 through 5 of 5, prepared by manufacturer, dated 07/13/96 and last revised on 06-23-06, signed and sealed by Ballard L. Argus, P. E.
- B. TESTS** (transferred from file #03-0306 05) original test conducted per SFBC, PA 202-94, now termed as FBC, TAS 202-94.
1. Test reports on 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94
3) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94.
- along with installation diagram of an automatic aluminum sliding glass door with fixed panels, prepared by Miami Testing Laboratory Test Report No. MTL-16804 dated July 11, 1996, signed and sealed by David Gale Ober, P.E. revised and re-issued on March 6, 1997 signed and sealed by John M. Bridenstine, P. E.
- C. CALCULATIONS** (transferred from file #03-0306 05)
1. Anchor verification calculations and structural analysis dated 12/02/05, complying with FBC-2004, prepared, signed and sealed by Ballard L. Argus, P.E.
 2. Anchor calculations, prepared by Robert E. Fisher-Wm. M. Meyers Consulting Engineers dtd 10/01/96, revised on 3/5/97, signed & sealed by William M. Meyers, P.E (transferred from file #03-0306 05)
- D. QUALITY ASSURANCE BY**
1. Miami Dade Building Code Compliance Office (BCCO)
- E. MATERIAL CERTIFICATIONS**
1. None.
- F. STATEMENTS** (transferred from file #03-0306 05)
1. Statement of FBC compliance calculation dated 12-02-05, prepared, signed and sealed by Ballard L. Argus, P.E.
 2. Statement letter of lab compliance, part of the above test reports.
 3. Request letter for revision & renewal dated 02-19-03, issued by Horton automatics, signed by Federic Romero
 4. Statement letter by manufacturer dated 05-04-2000 request for revision of NOA#99-0728.02, signed by Federic Romero.
 5. See file # 99-0728.02 & #96-1008.01, for other additional statement letters.
- G. OTHER** (transferred from file #03-0306 05)
1. This NOA revises NOA # **03-0306.05** (#00-0512.12), expiring April 08, 2003.
 2. Previous NOA(s) associated with this file are 99-0728.02 & 96-1008.01.
 3. Glazing complies w/ ASTME-1300-98 & ASTME 1300-02.
 4. Test proposal for renewal dated 06-19-06, approved by BCCO.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 06-0124.08
Expiration Date: April 08, 2008
Approval Date: July 20, 2006



Available Unit Sizes:

MIN.	8'-0" W X 7'-6" H	8'-0" W X 8'-0" H	1 @ 48" = 48"	42"
MAX.	16'-0" W X 7'-6" H	16'-0" W X 8'-0" H	2 @ 42" = 84"	72"

Panel Width Nom. Door

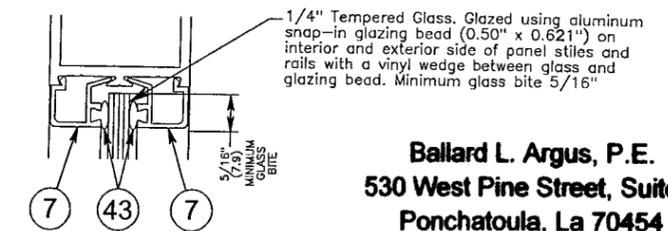
Net Slide Opening

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
 - C659 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 #41-0444-02
 - ADAMS-RITE #4089
 - ADAMS-RITE #4015
 - SLIDE TOP ROLLER ASSEMBLIES



Ballard L. Argus, P.E.
530 West Pine Street, Suite 5
Ponchatoula, La 70454

[Signature]
6/23/06
FR # 3568L

Note:
For fastener location and types see sheets 2 and 3

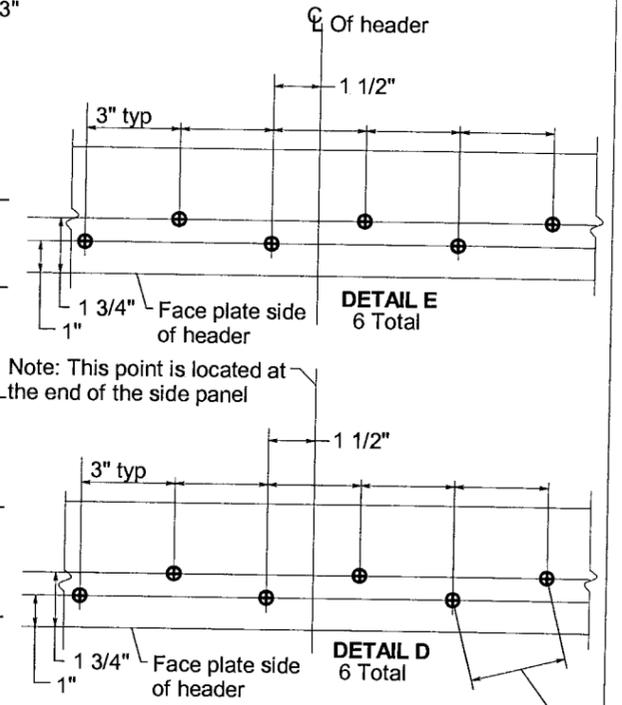
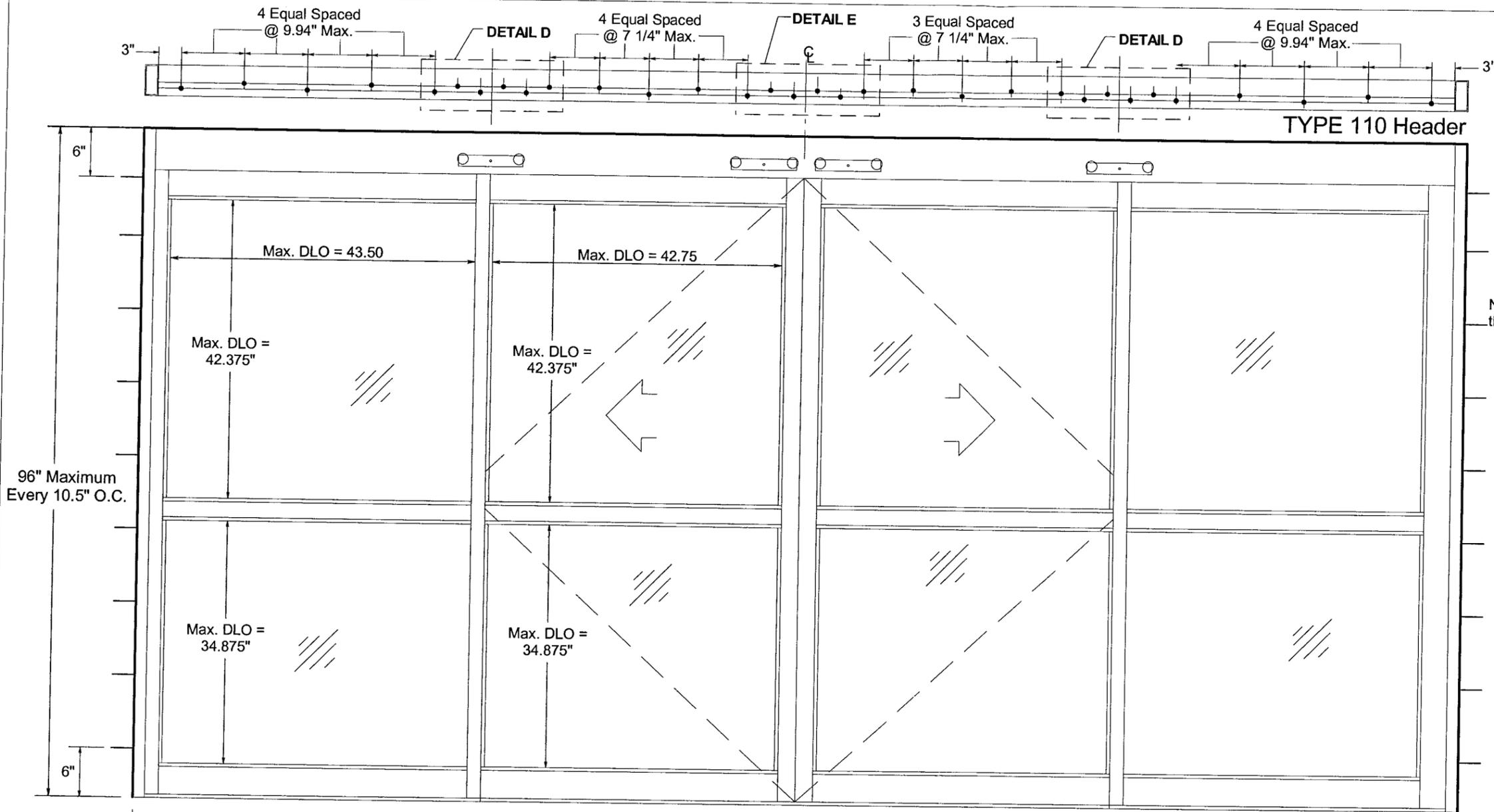
The allowable 4/3 increase stress factor for wind loads was not used in the anchor calculations for determining the minimum required anchor quantities shown on these drawings

	Where eater infiltration requirement is needed	Where eater infiltration requirement is not needed
positive	not approved	+66 psf
negative	not approved	-63.3 psf

Electrical/Electronic functions are not part of the approval and must be reviewed by the proper building official

NO.	REVISIONS DESCRIPTION	DATE	ARCHITECT:
1	FR STRUCT INFO	12/13/99	CONTRACTOR:
2	UPDATE FOR SINGLE SLIDE	4/12/00	SERIES: 2110 TYPE: 0-SX-SX-0 & 0-SX
3	UPDATE TO NEW FASTENER REQ.	12/05/05	FINISH:
4	MADE REQUESTED CHANGES	5/23/06	ACTUATION:
			ARCHITECT: HORTON
			CONTRACTOR: HORTON
			SERIES: 2110 TYPE: 0-SX-SX-0 & 0-SX
			FINISH:
			ACTUATION:
			JOB: METRO-DADE
			LOCATION:
			DISTRIBUTOR:
			DWN: DPH P.O. #
			CHK: DATE: 7/13/96 SHEET 1 of 5

Dwg. No. 960713



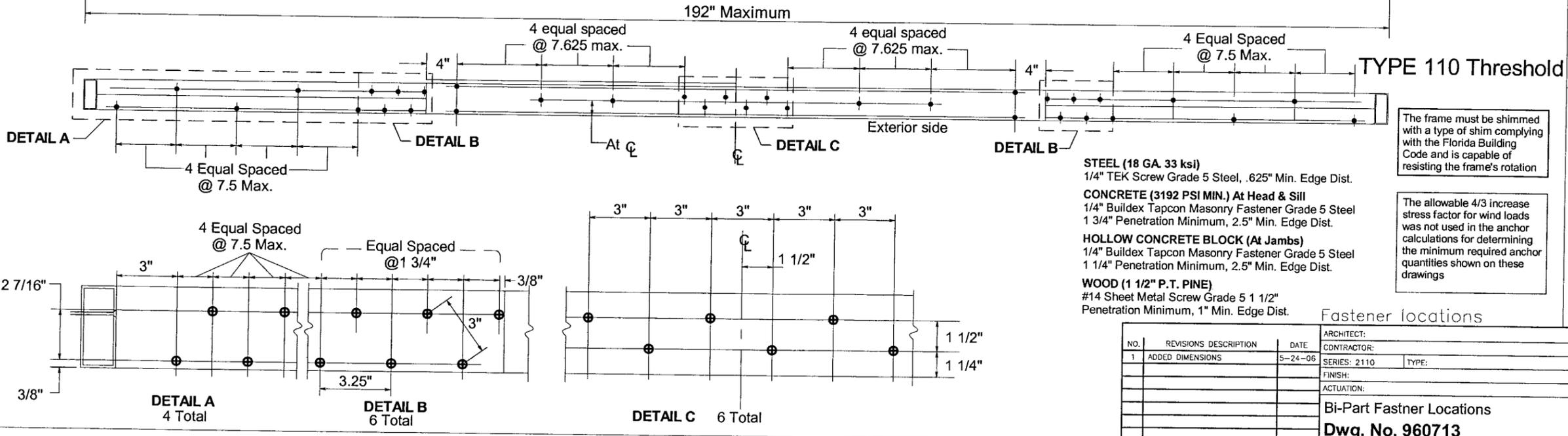
Note: This point is located at the end of the side panel

Ref. 3" min. distance between all fasteners in concrete

Ballard L. Argus, P.E.
 530 West Pine Street, Suite 5
 Ponchatoula, La 70454

Ballard L. Argus

6/23/06



STEEL (18 GA. 33 ksi)
 1/4" TEK Screw Grade 5 Steel, .625" Min. Edge Dist.

CONCRETE (3192 PSI MIN.) At Head & Sill
 1/4" Buildex Tapcon Masonry Fastener Grade 5 Steel
 1 3/4" Penetration Minimum, 2.5" Min. Edge Dist.

HOLLOW CONCRETE BLOCK (At Jamb)
 1/4" Buildex Tapcon Masonry Fastener Grade 5 Steel
 1 1/4" Penetration Minimum, 2.5" Min. Edge Dist.

WOOD (1 1/2" P.T. PINE)
 #14 Sheet Metal Screw Grade 5 1 1/2"
 Penetration Minimum, 1" Min. Edge Dist.

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

Fastener locations

NO.	REVISIONS DESCRIPTION	DATE
1	ADDED DIMENSIONS	5-24-06

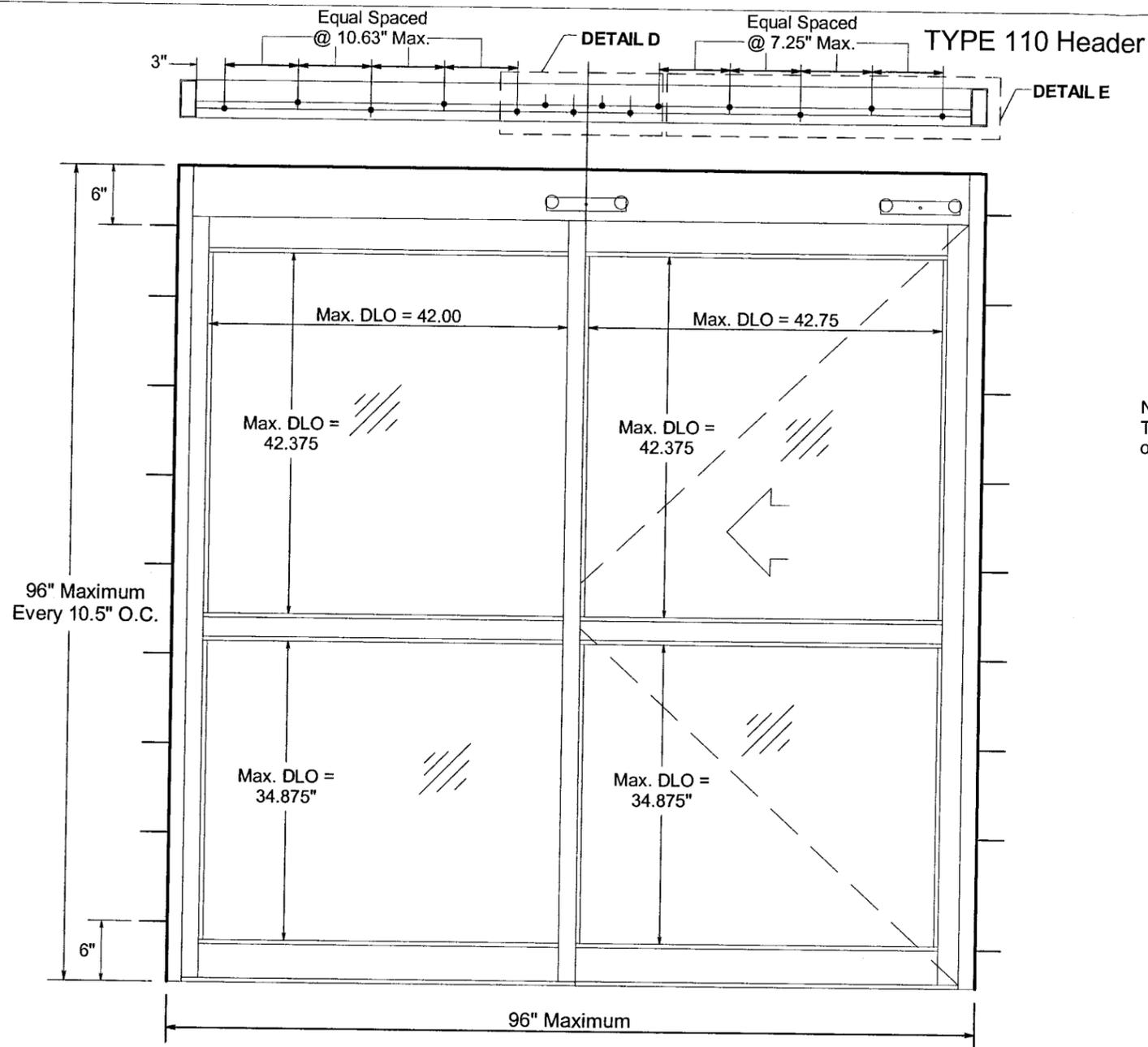
ARCHITECT:	
CONTRACTOR:	
SERIES: 2110	TYPE:
FINISH:	
ACTUATION:	
Bi-Part Fastner Locations	
Dwg. No. 960713	

Horton
 AUTOMATICS

A DIVISION OF OVERHEAD DOOR CORPORATION
 4242 BALDWIN BOULEVARD
 CORPUS CHRISTI, TEXAS 78405-3399
 361-888-5591 1-800-631-3111
 FAX: 361-888-6310, 1-800-631-3108
 http://www.hortondoor.com

JOB: METRO-DADE
 LOCATION:
 DISTRIBUTOR:
 DWN: CM P.O. #
 CHK: FR DATE: 12/05/05 SHEET 2 of 5

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 06-0124-08
 Expiration Date APRIL 08, 2008
 By *Isaac I. Chauda*
 National Product Control
 Division

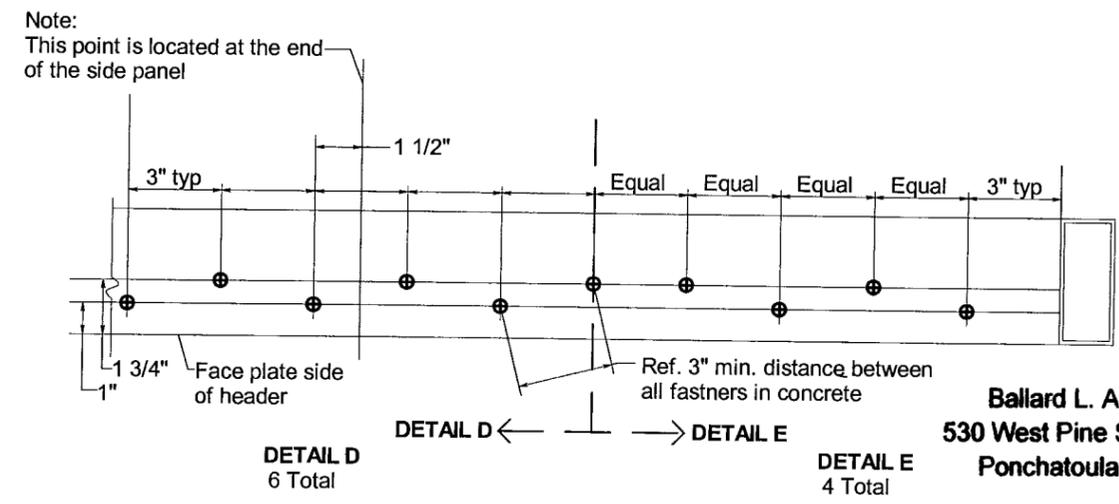


STEEL (18 GA 33 ksi)
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CONCRETE (3192 PSI MIN.) At Head & Sill
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HOLLOW CONCRETE BLOCK (At Jambs)
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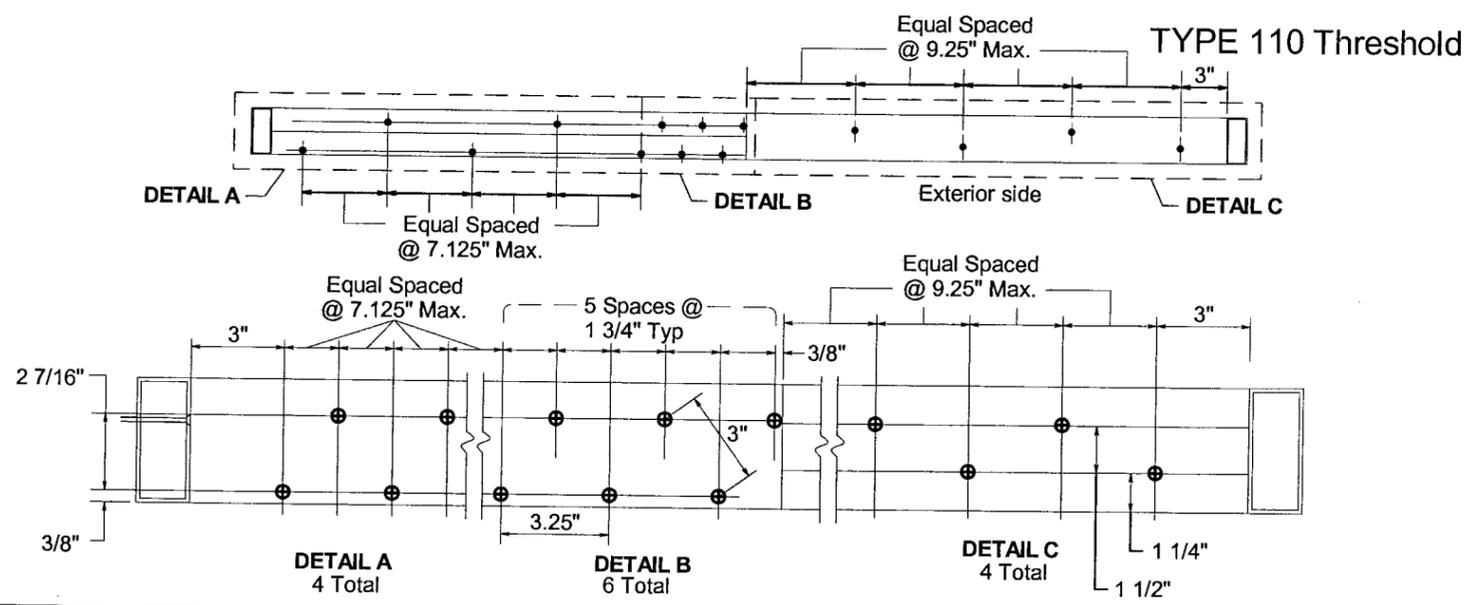


Ballard L. Argus, P.E.
 530 West Pine Street, Suite 5
 Ponchatoula, La 70454

[Signature]
 6/23/06
 F# 35286

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

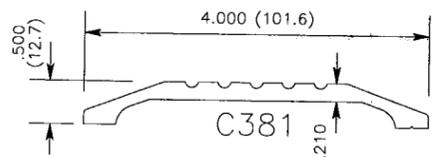
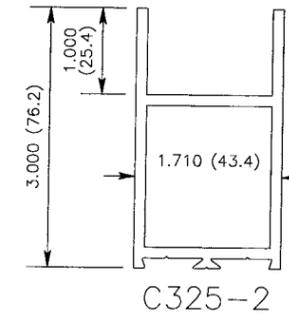
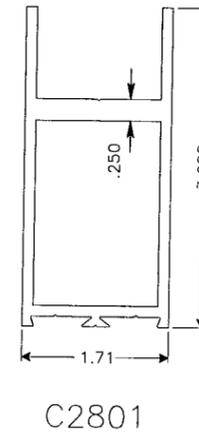
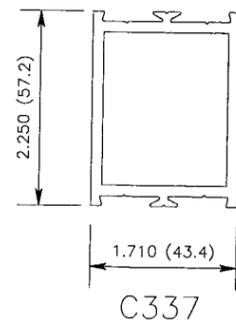
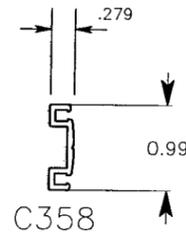
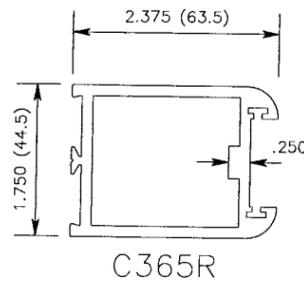
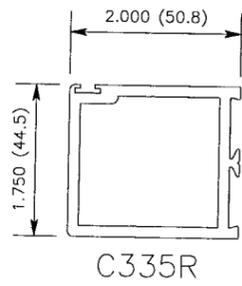
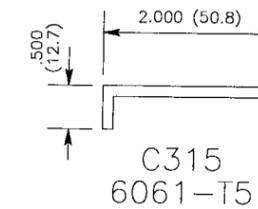
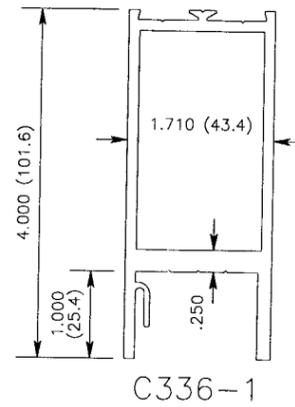
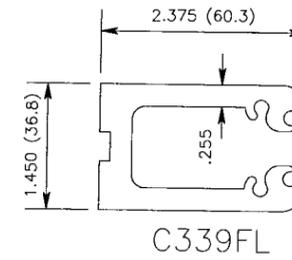
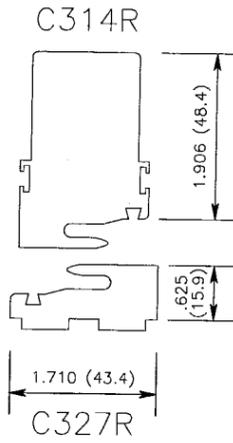
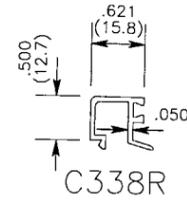
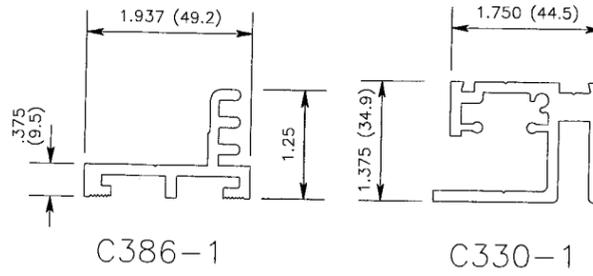
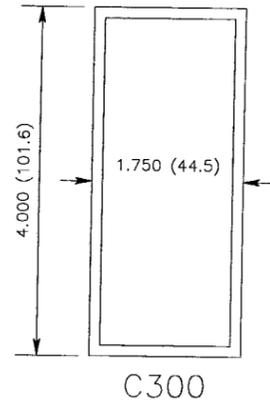
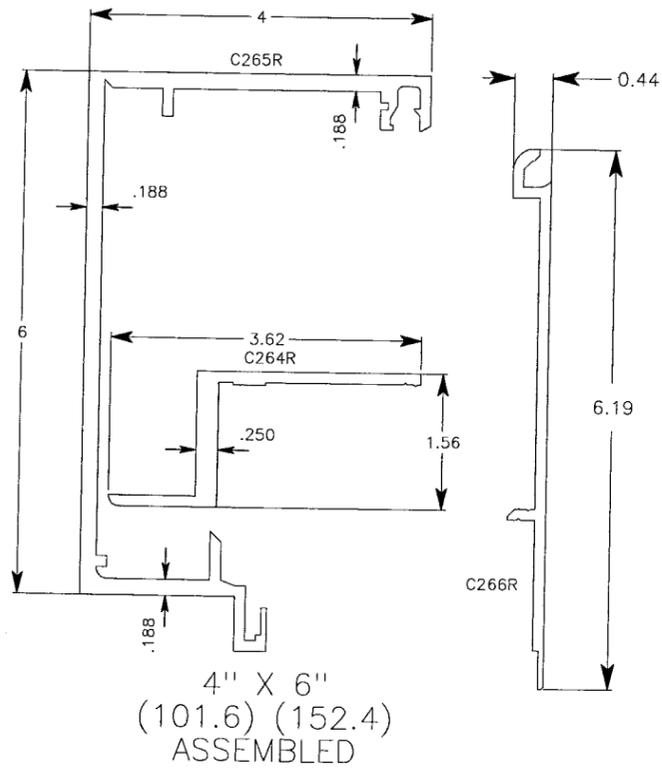
The allowable 4/3 increase stress factor for wind loads was not used in the anchor calculations for determining the minimum required anchor quantities shown on these drawings



Fastener locations

NO.	REVISIONS DESCRIPTION	DATE	ARCHITECT:	CONTRACTOR:
1	ADDED DIMENSIONS	5-24-06	SERIES: 2110	TYPE:
			FINISH:	
			ACTUATION:	
			Single slide Fastner Locations	
			Dwg. No. 960713	

Horton <small>A DIVISION OF OVERHEAD DOOR CORPORATION 4242 BALDWIN BOULEVARD CORPUS CHRISTI, TEXAS 78405-3399 361-888-5591 1-800-931-3111 FAX: 361-888-6510, 1-800-531-3108 http://www.hortondors.com</small>		
JOB: METRO-DADE	LOCATION:	
DISTRIBUTOR:	DWN: CM	P.O. #
CHK: FR	DATE: 12/05/05	SHEET 3 of 5



TYPICAL THICKNESS = .125" UNLESS OTHERWISE NOTED

ALL EXTRUSIONS ARE 6063-T5 UNLESS OTHERWISE NOTED

Ballard L. Argus, P.E.
530 West Pine Street, Suite 5
Ponchatoula, La 70454

6/23/06
FA #35686

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 06-0124.08
Expiration Date APRIL 08, 2008
By Ishag I. Chaudhry
Miami Dade Product Control
Division

NO.	REVISIONS DESCRIPTION	DATE	ARCHITECT:
1	Added Dimensions	5-24-06	CONTRACTOR:
			SERIES: TYPE:
			FINISH:
			ACTUATION:
			Extrusion chart
			Dwg. No. 960713

A DIVISION OF OVERHEAD DOOR CORPORATION
4242 BALDWIN BOULEVARD
CORPUS CHRISTI, TEXAS 78405-3399
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Horton
AUTOMATIC

JOB: METRO-DADE
LOCATION:
DISTRIBUTOR:
DWN: CM P.O. # SHEET 5 of 5
CHK: FR DATE: 12-5-05