



MIAMI-DADE COUNTY
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

Atrium Florida, Inc.
9001 Ambassador Row
Dallas, TX 75247

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 "500" Aluminum Sliding Glass Door

APPROVAL DOCUMENT: Drawing No. **ATR0003**, titled "500 Series Non-Impact Sliding Glass Door", sheets 1 through 6 of 6, prepared by manufacturer, dated 01/14/08 and last revision dated 04/03/08, signed and sealed by Eric S. Nielsen, 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 Device, as applicable per FBC required

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, Jacksonville, Florida 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 & renews & replaces** NOA # **03-0415.11 (Simonton)** consists of this page 1 and evidence sheets E-1 & E-2, as well as approval document mentioned above.

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



NOA No 06-0616.08
Expiration Date: June 24, 2013
Approval Date: May 15, 2008

4/24/18

Atrium Florida, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Original documents transferred from Simonton file # **03-0415.11**)
2. Drawing No. **ATR0003**, titled "500 Series Non-Impact Sliding Glass Door", sheets 1 through 6 of 6, prepared by manufacturer, dated 01/14/08 and last revision dated 04/03/08, signed and sealed by Eric S. Nielsen, P.E.

B. TESTS (Original test reports transferred from Simonton file # **03-0415.11**). Test conducted per PA202-94 now termed as TAS 202-94 per FBC.

1. Test reports on
 - 1) Air Infiltration Test, per TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per TAS 202-94
 - 3) Water Resistance Test, per TAS 202-94
 - 4) Forced Entry Test, per TAS 202-94 and AAMA 1302.5

Along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL -2679 (00056)** for specimen A1, A2 & A3, dated 08-08-00, signed and sealed by Aldo P. Gonzales, P.E.

2. Test report No. 63678-122-34 dated 04/11/06 issued by Architectural Testing of engineering comparison of bill of material of parts & components of NOA # 03-0415.11, signed by Joseph A. Reed, P.E.

C. CALCULATIONS

1. Comparative analysis and structural analysis, prepared by PTC, LLC, dated 01-13-08 and last revised on 04/03/08, signed and sealed by Eric S. Nielsen, P.E
2. Glazing complies w/ASTME-1300-98 and-02.

D. QUALITY ASSURANCE BY:

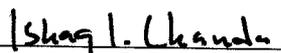
1. Miami-Dade Building Code Compliance Office.

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Asset purchase agreement dated July 27, 2005 between Simonton Building Products Florida Inc. (seller) and Atrium Companies Inc. (Delaware corp) (Buyer) signed by Greg, Schorr, CFO (Simonton) and Mark Blanchat, E.V.P. (Atrium).
2. Statement letter dated Feb. 16, 2006 issued by Simonton Windows for transfer of NOA(s) by Simonton Building Products to Atrium Windows and requesting BCCO to rescind the referenced NOA(s), signed by Rick Keup, president Simonton Windows, the letter notarized on June 04, 2007.
3. Statement letter dated April 17, 2008 issued by Atrium Companies Inc authorizing Atrium Florida, Inc. (dba Atrium Windows & Doors) to use test report purchased by Atrium Inc from Simonton Building Products of Florida to acquire Notice of Acceptances NOA.


Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 06-0616.08
Expiration Date: June 24, 2013
Approval Date: May 15, 2008

Atrium Florida, Inc.

(

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. Statement letter of conformance and "No financial interest", dated 01-31-08, signed and sealed by Eric S. Nielsen, P.E.
5. Statement of compliance, issued as part of above referenced test report by Fenestration Testing Laboratory

G. OTHER

1. This NOA # **06-0616.08** **revises** **renews** & **replaces** Simonton Windows NOA # **03-0415.11**.
2. Sales & Purchase agreement between Simonton Building Products and Atrium Companies Inc.
3. Letter of Authorization of purchased test reports by Atrium Companies Inc to Atrium Florida Inc. to obtain NOA(s) from Miami-Dade County.
4. Various correspondences and e-mails between BCCO and Atrium Companies Inc.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 06-0616.08
Expiration Date: June 24, 2013
Approval Date: May 15, 2008

ATRIUM

500 SERIES SGD (NON-IMPACT)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE 2004 FLORIDA BUILDING CODE (FBC) AND ITS 2005, 2006, AND 2007 SUPPLEMENTS, INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ) REQUIREMENTS.
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE / MASONRY AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
3. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
4. IN HVHZ AREAS, USE OF AN APPROVED IMPACT PROTECTIVE SYSTEM COMPLYING WITH THE HVHZ REQUIREMENTS OF THE FBC IS MANDATORY FOR THE PRODUCT(S) HEREIN. IN NON-HVHZ AREAS WHERE WINDBORNE DEBRIS PROTECTION REQUIREMENTS EXIST, USE OF AN IMPACT PROTECTIVE SYSTEM COMPLYING WITH THE FBC REQUIREMENTS FOR WINDBORNE DEBRIS REGIONS IS MANDATORY FOR THE PRODUCTS HEREIN.
5. DOOR FRAME AND PANEL MATERIAL: ALUMINUM (6063-T5).
6. GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 4 FOR GLAZING DETAIL.
7. DESIGNATION "X" STANDS FOR THE FOLLOWING:
X: OPERABLE PANEL
8. A 1/3 INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS NOT USED IN THE DESIGN OF THE PRODUCT(S) SHOWN HEREIN. WIND LOAD DURATION FACTOR (Cd = 1.6) HAS BEEN USED FOR WOOD ANCHOR DESIGN.
9. COMPARATIVE ANALYSIS WAS USED TO PROVIDE DESIGN PRESSURE FOR 30 1/8" PANEL WIDTH.

INSTALLATION NOTES:

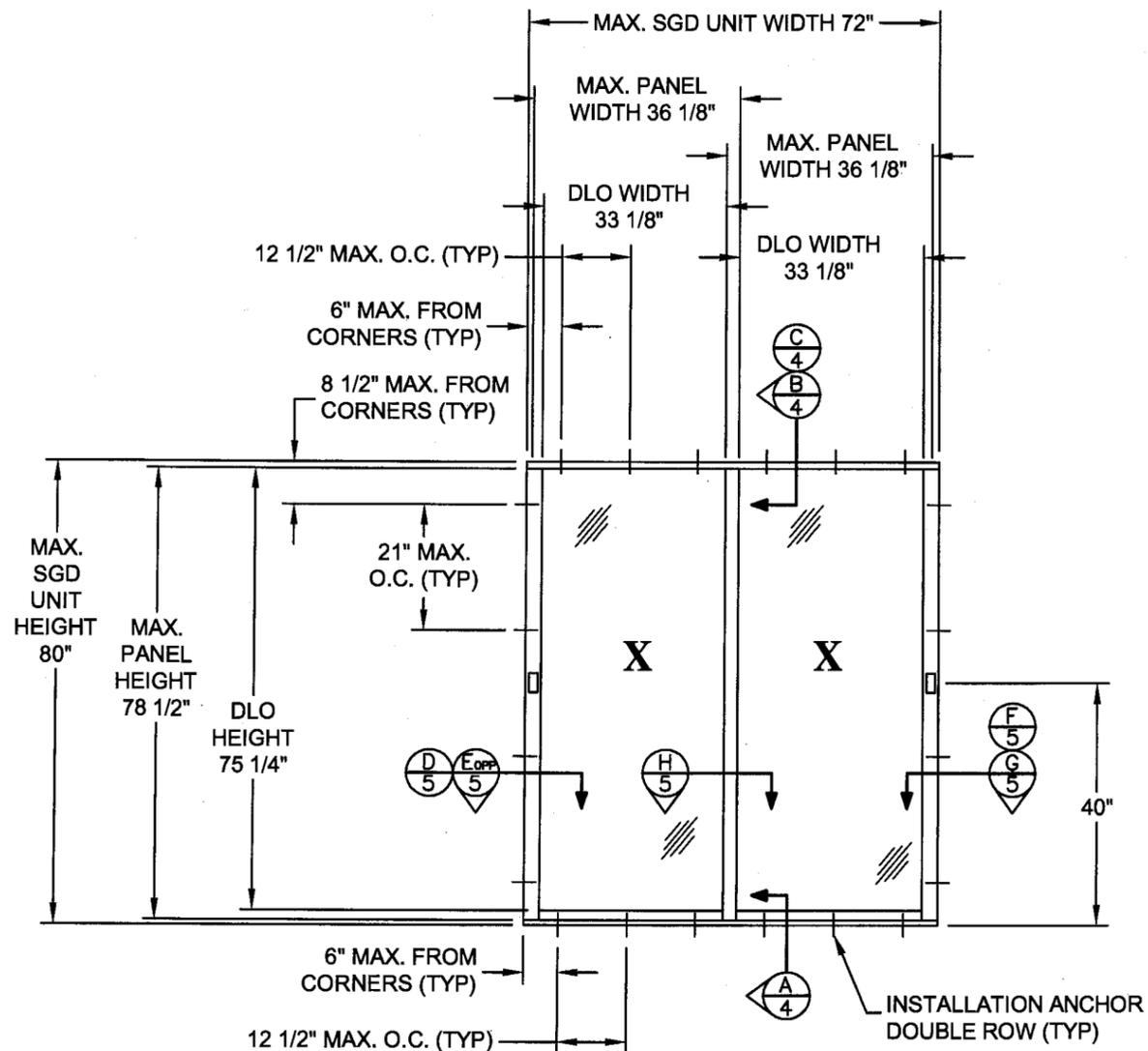
1. TWO (2) INSTALLATION ANCHORS ARE REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIMS. MAXIMUM ALLOWABLE SHIM SIZE IS 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
3. FOR INSTALLATION INTO WOOD FRAMING, USE #12 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE A 1 1/2 INCH MINIMUM EMBEDMENT DEPTH AT EACH ANCHOR LOCATION.
4. FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE / MASONRY, OR DIRECTLY INTO CONCRETE / MASONRY, USE 1/4 INCH "ITW" TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE A 1 1/4 INCH MINIMUM EMBEDMENT DEPTH AT EACH ANCHOR LOCATION.
5. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES (INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING).
6. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
7. FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
8. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER BELOW.
9. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.50.
 - B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3192 PSI.
 - C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
10. WOOD SCREWS SHALL BE MADE OF CARBON STEEL WITH BENDING YIELD STRENGTHS MEETING THE REQUIREMENTS OF AF & PA NDS-2001, APPENDIX I.

COMPARATIVE ANALYSIS CHARTS SERIES 500 ALUMINUM SLIDING GLASS DOOR (XXXX) ALL OPERABLE PANELS			
BASED ON FTL-2679 DATED 8-08-00 (W/O REINFORCEMENT) TEST SIZE = 144 X 80 (XXXX) ALL OPERABLE PANELS DESIGN LOADS = +45.0 PSF, -45.0 PSF WATER INFILTRATION TEST = 8.0 PSF TESTED GLASS = 3/16" TEMPERED			
3/16" TEMPERED GLASS CHART			
PANEL SIZE INCHES	DAY LIGHT OPENING SIZE	DESIGN PRESSURE-PSF	
WIDTH/HEIGHT	WIDTH/HEIGHT	EXTERNAL	INTERNAL
30 1/8" X 78 1/2"	27 1/8" X 75 1/4"	49.7	49.7
36 1/8" X 78 1/2"	33 1/8" X 75 1/4"	45	45

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 06-0616-03
 Expiration Date JUNE 24, 2013
 By Shay J. Chauda
 Miami Dade Product Control
 Division

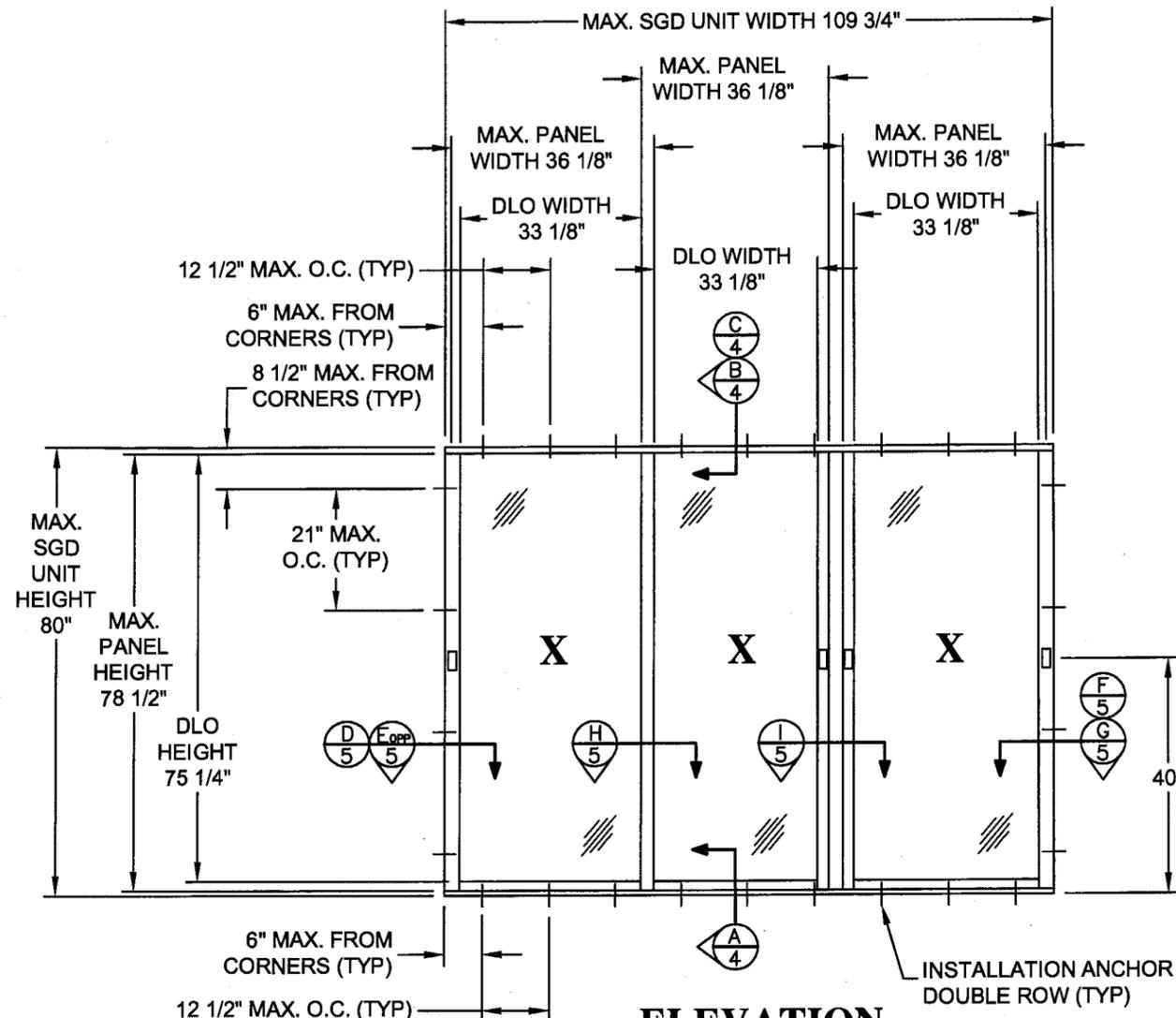
TABLE OF CONTENTS		
SHEET	REV.	SHEET DESCRIPTION
1	-	GENERAL / INSTALLATION NOTES & GLASS CHART
2	-	ELEVATION AND ANCHOR LAYOUT (XXXX)
3	-	ELEVATIONS AND ANCHOR LAYOUTS (XXX, XX)
4	-	VERTICAL SECTIONS, GLAZING & CORNER DETAILS
5	-	HORIZONTAL SECTIONS
6	-	BILL OF MATERIALS & COMPONENTS

ATRIUM FLORIDA, INC. 3600 PORT JACKSONVILLE PKWY. JACKSONVILLE, FL 32226	500 SERIES NON-IMPACT SLIDING GLASS DOOR GENERAL / INSTALLATION NOTES & GLASS CHART	PREPARED BY: FBPE FBPE, LLC Phone 321.690.1788 Fax 321.690.1789	BB N.T.S. A	01/14/08 ATR0003 1 OF 6
Eric S. Nielsen Florida P. E. No. 41323		1535 Cogswell Street, Suite C25 Rockledge, Florida 32955 FBPE Certificate of Authorization NO. 25935	MODIFIED PER B.C.C.O. COMMENTS A 03/26/08 DO	



ELEVATION

(XX)
EXTERIOR VIEW



ELEVATION

(XXX)
EXTERIOR VIEW

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 06-0616-08
Expiration Date JUNE 24, 2013
By Isaac L. Chanda
Miami Dade Product Control
Division

Eric S. Nielsen
Florida P.E. No. 41325

[Signature]
PTC/MC

1535 Cogswell Street, Suite C25
Rockledge, Florida 32955
FBPE Certificate of Authorization NO. 25935

ATRIUM FLORIDA, INC.
3600 PORT JACKSONVILLE PKWY.
JACKSONVILLE, FL 32226

500 SERIES NON-IMPACT SLIDING GLASS DOOR
ELEVATIONS AND ANCHOR LAYOUTS (XXX, XX)

PREPARED BY:



PTC, LLC
Phone 321.690.1788
Fax 321.690.1788

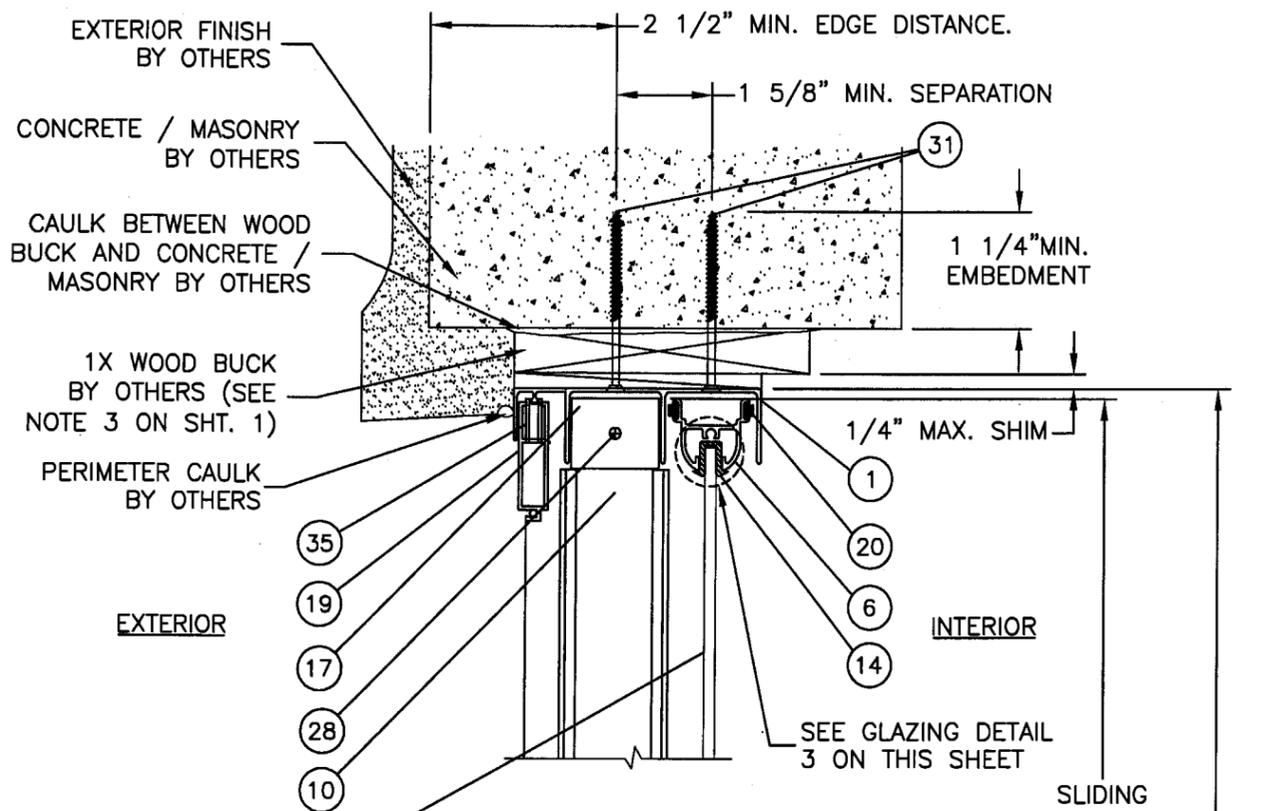
BB 01/14/08

N.T.S. ATR0003

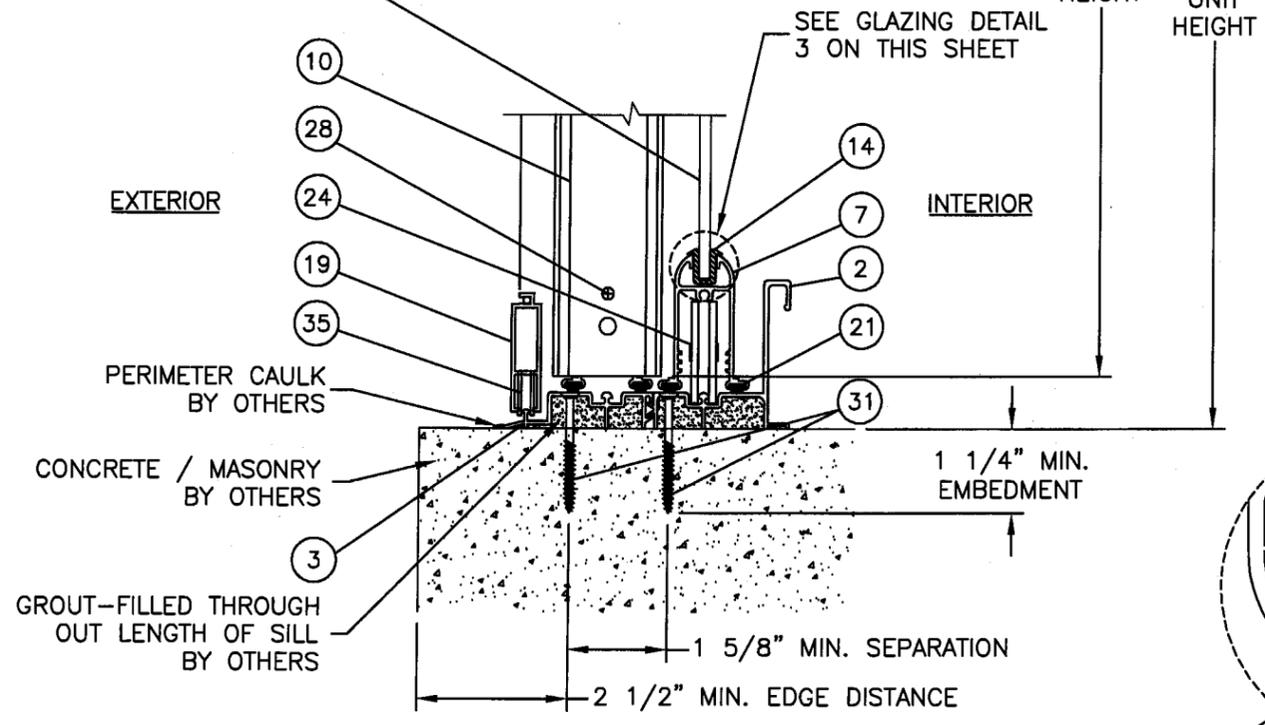
A 3 OF 6

MODIFIED PER
B.C.C.O. COMMENTS

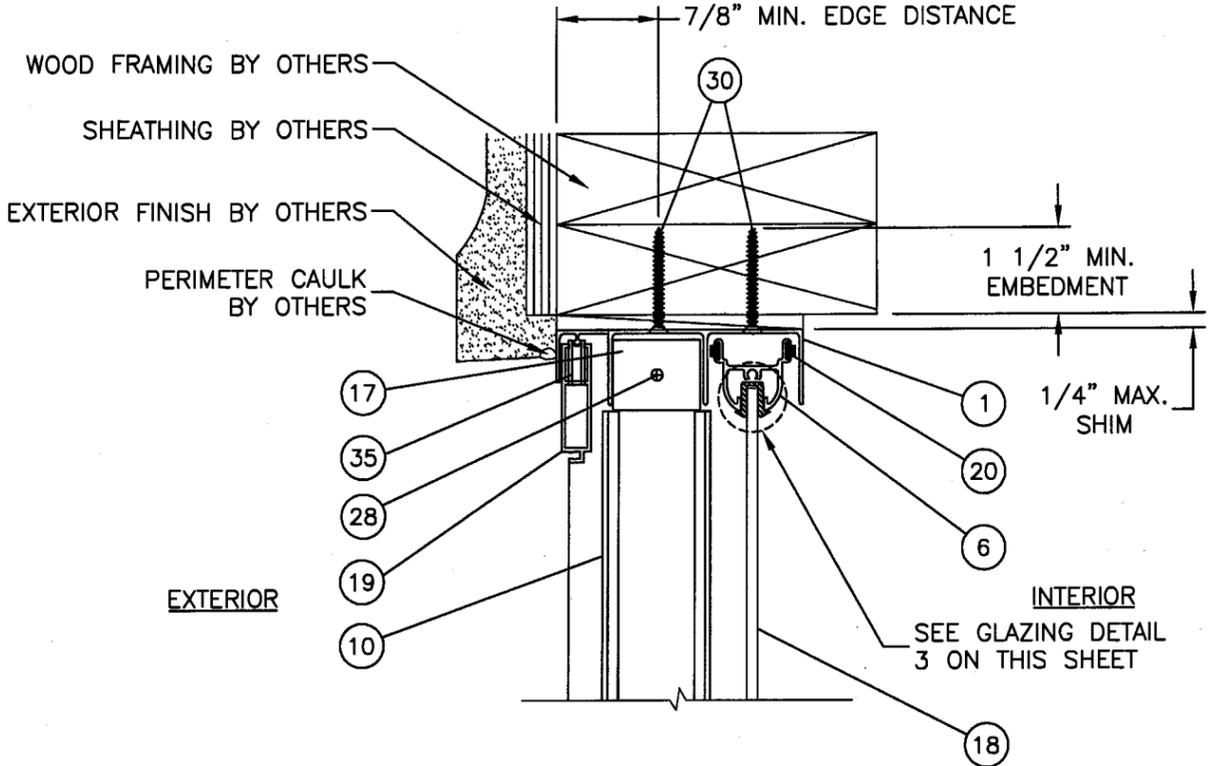
03/26/08
DO



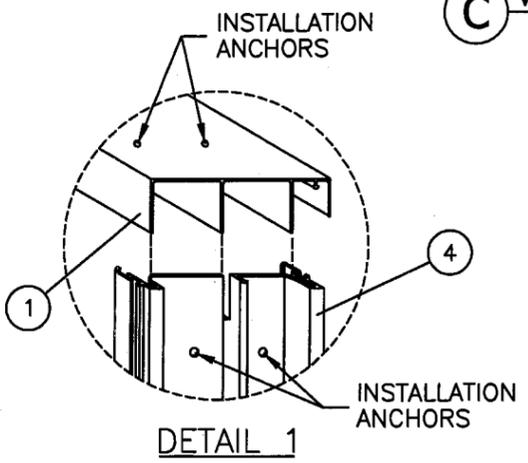
(B) VERTICAL SECTION
CONCRETE / MASONRY SUBSTRATE



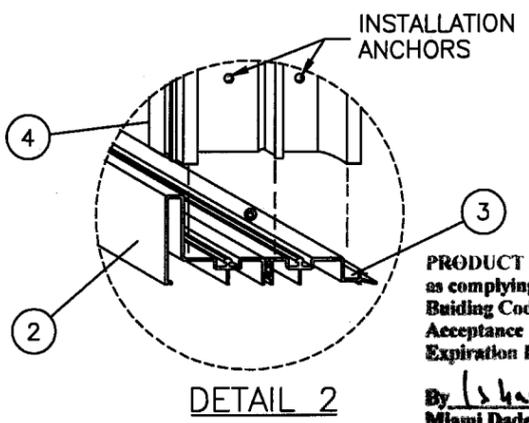
(A) VERTICAL SECTION
CONCRETE / MASONRY SUBSTRATE



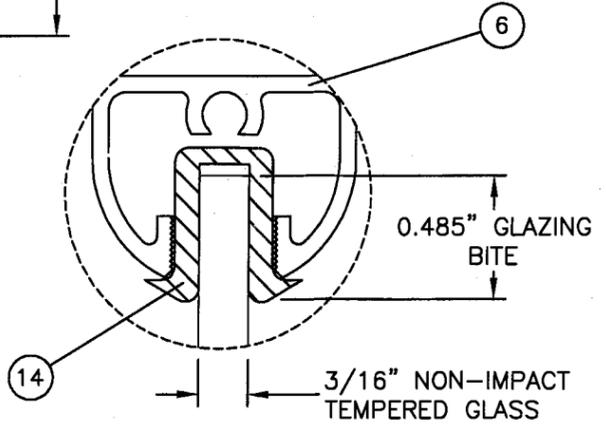
(C) VERTICAL SECTION
WOOD FRAME SUBSTRATE



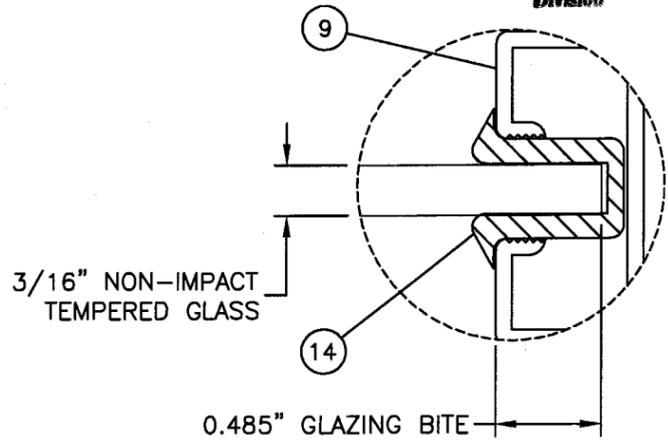
DETAIL 1



DETAIL 2



GLAZING DETAIL 3



GLAZING DETAIL 4

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 06-0616-08
Expiration Date JUNE 24, 2013
By Eric S. Nielsen
Miami Dade Product Control
Division

Eric S. Nielsen
Florida P.E. No. 4137
PTC, LLC
1535 Cogswell Street, Suite C25
Rockledge, Florida 32955
FBPE Certificate of Authorization No. 25695

ATRIUM FLORIDA, INC.
3600 PORT JACKSONVILLE PKWY.
JACKSONVILLE, FL 32226

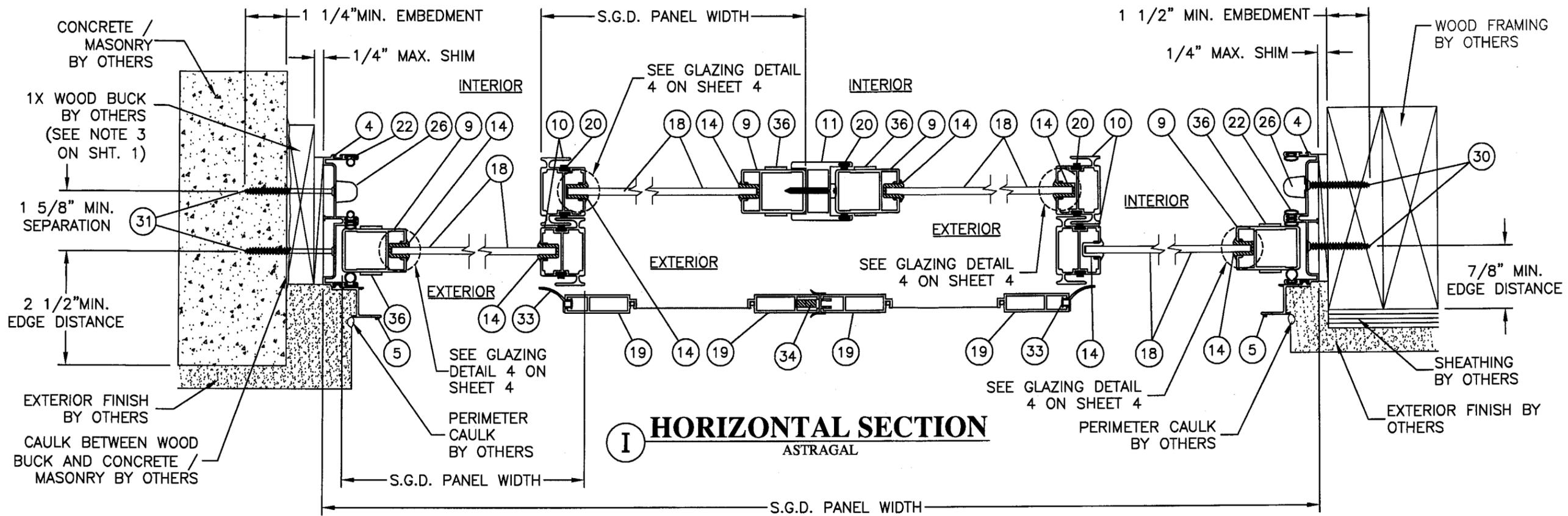
500 SERIES NON-IMPACT SLIDING GLASS DOOR
VERTICAL SECTIONS, GLAZING & CORNER DETAILS



PREPARED BY: BB 01/14/08
N.T.S. ATR0003
A 4 OF 6

MODIFIED PER
B.C.C.O. COMMENTS

03/26/08
DO



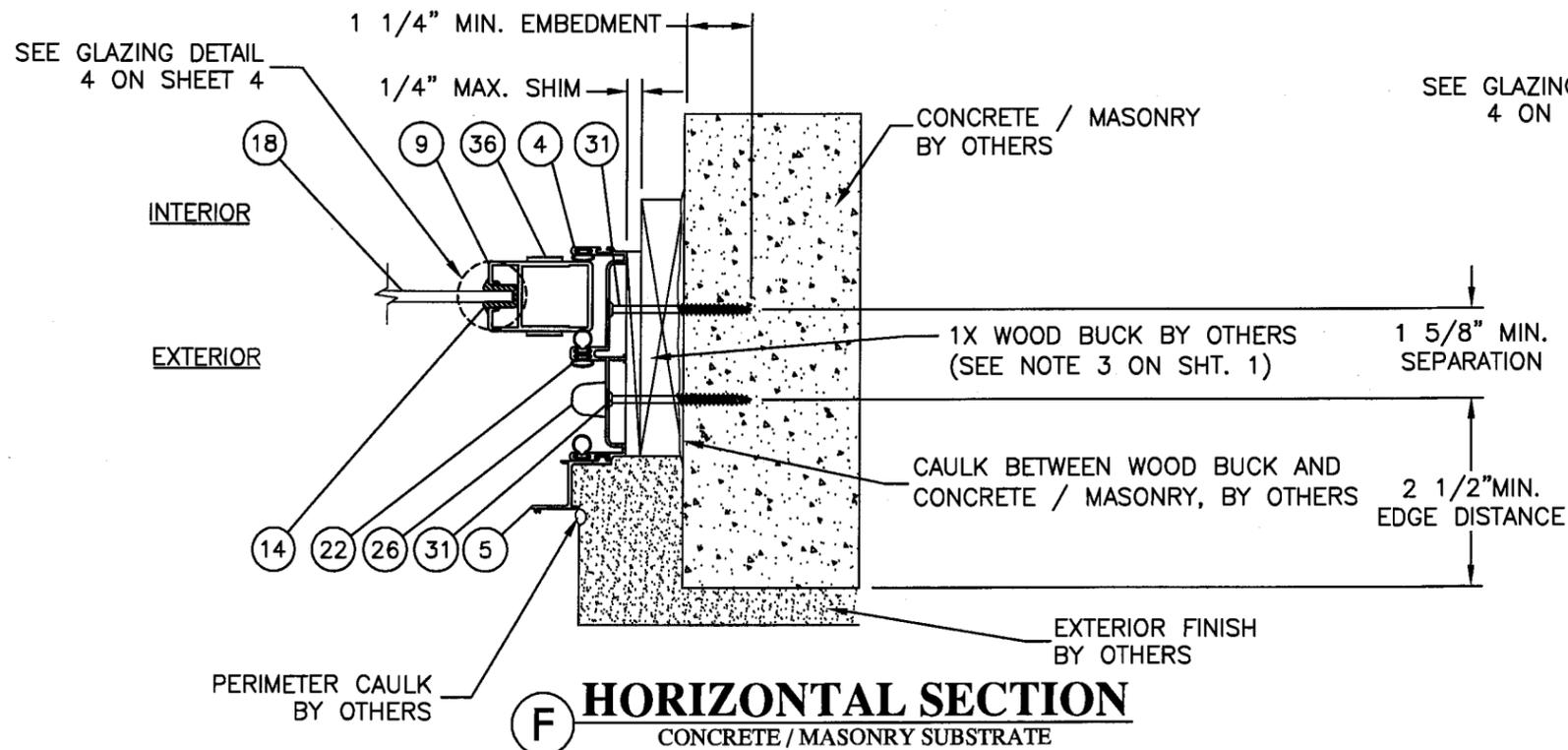
I HORIZONTAL SECTION
ASTRAGAL

D HORIZONTAL SECTION
CONCRETE / MASONRY SUBSTRATE

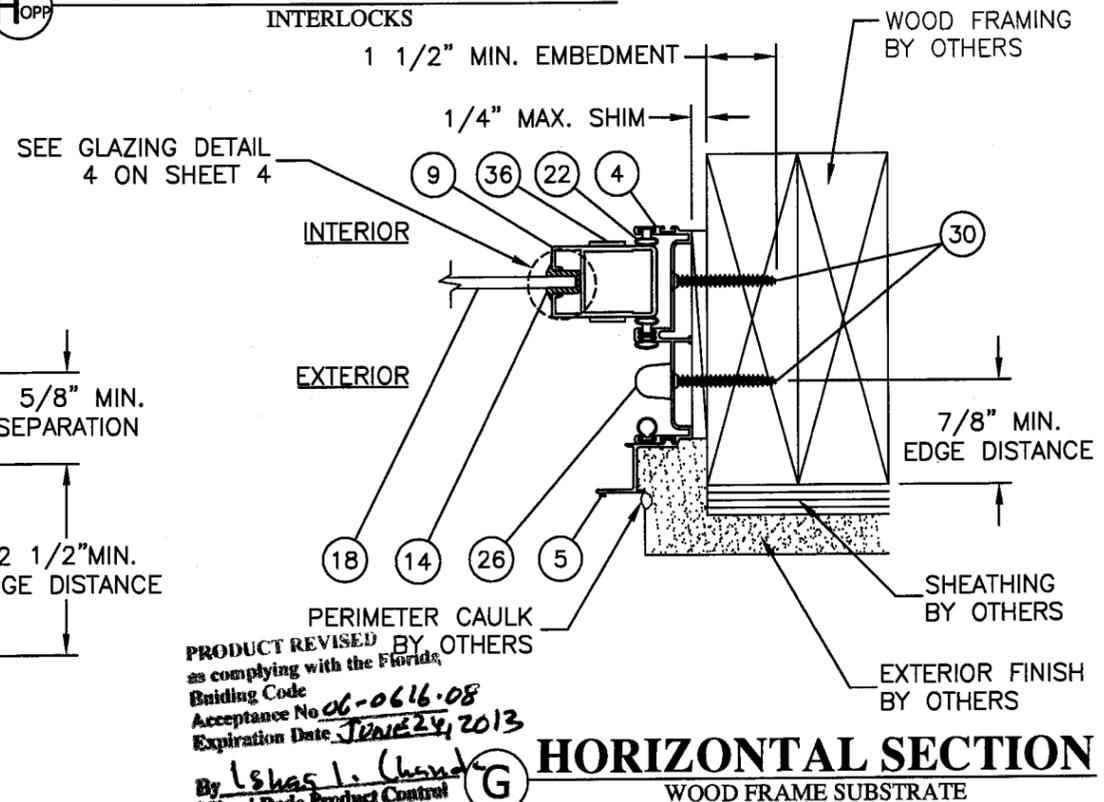
H HORIZONTAL SECTION
INTERLOCKS

H^{OPP} HORIZONTAL SECTION
INTERLOCKS

E HORIZONTAL SECTION
WOOD FRAME SUBSTRATE



F HORIZONTAL SECTION
CONCRETE / MASONRY SUBSTRATE



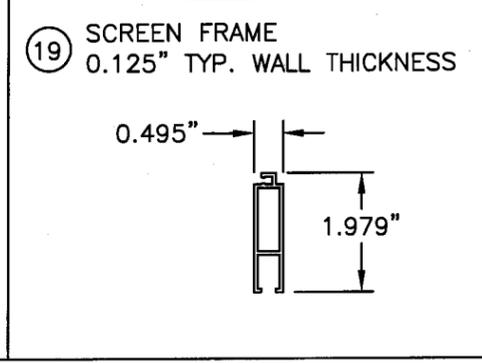
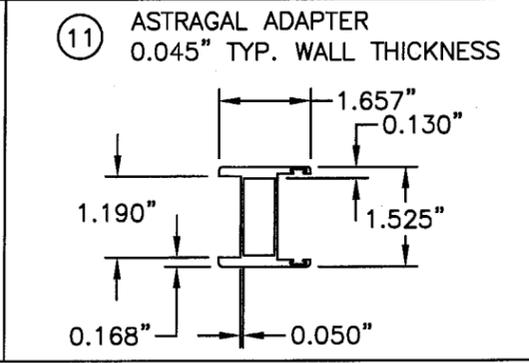
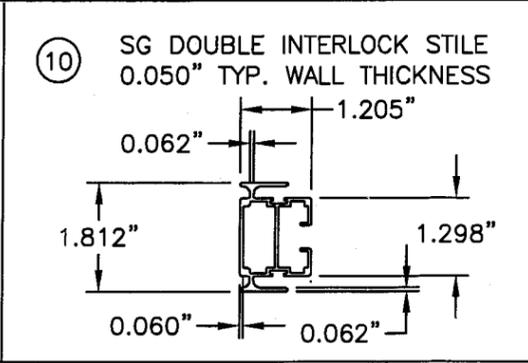
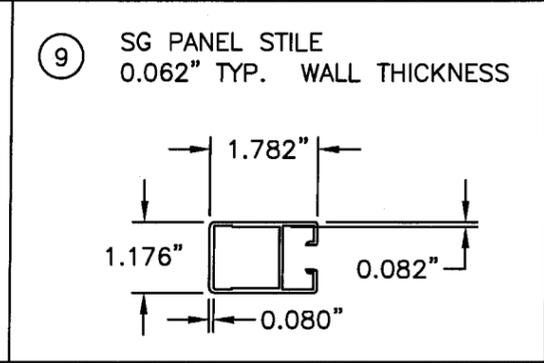
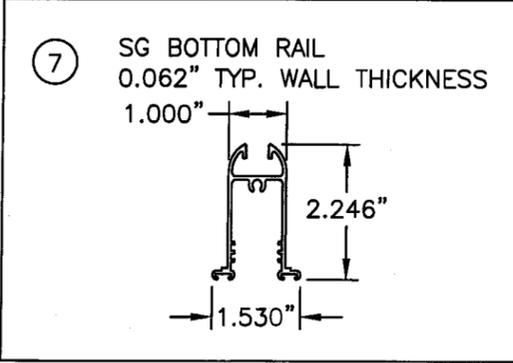
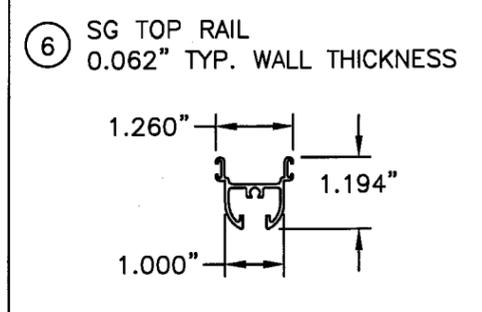
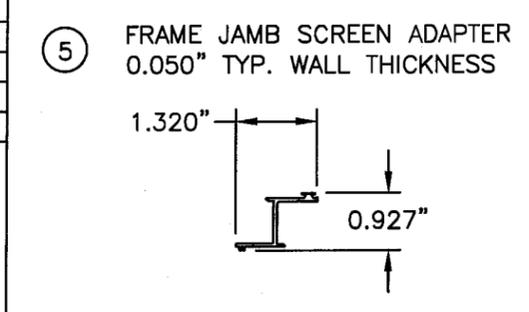
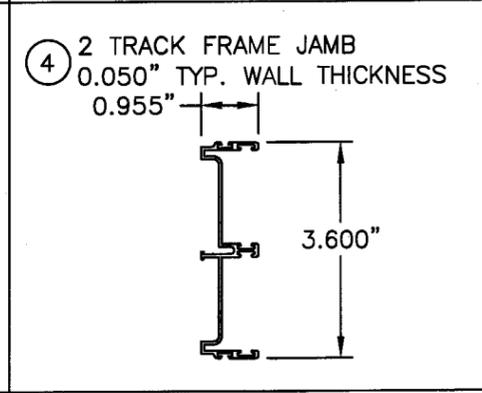
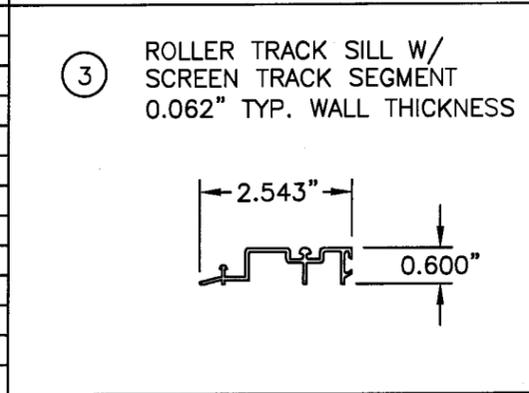
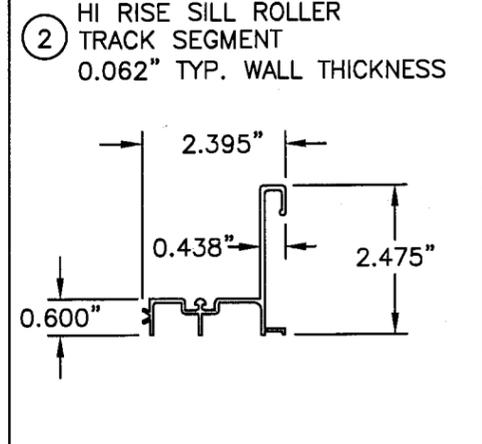
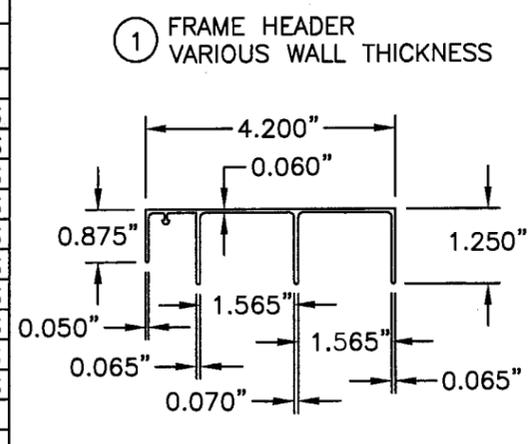
G HORIZONTAL SECTION
WOOD FRAME SUBSTRATE

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 06-0616-08
Expiration Date: JUNE 24, 2013
By L. Shas L. Chand
Miami Dade Product Control
Division

ATRium FLORIDA, INC. 3600 PORT JACKSONVILLE PKWY. JACKSONVILLE, FL 32226		01/14/08 ATR0003	03/26/08 DO
500 SERIES NON-IMPACT SLIDING GLASS DOOR HORIZONTAL SECTIONS		BB N.T.S.	A 5 OF 6
Eric S. Nielsen Florida P.E. No. 41323		PREPARED BY:  FBPE, LLC Phone: 321.690.1788 Fax: 321.690.1789	
1535 Cogswell Street, Suite C25 Rockledge, Florida 32955 FBPE Certificate of Authorization NO. 25935		MODIFIED PER B.C.C.O. COMMENTS	

BILL OF MATERIALS

ITEM NO.	PART NO.	QUANTITY	DESCRIPTION	VENDOR
1	10218	1	2 WIDE HEADER W/SCREEN	PROFILE EXTRUSIONS
2	10272	1	HI-RISE TRACK SEGMENT	PROFILE EXTRUSIONS
3	10268	1	SCREEN TRACK SEGMENT	PROFILE EXTRUSIONS
4	10264	2	2 WIDE UNIVERSAL JAMB	PROFILE EXTRUSIONS
5	10239	AS REQD.	500 UNIVERSAL SCREEN JAMB	PROFILE EXTRUSIONS
6	10223	4	500 TOP RAIL	PROFILE EXTRUSIONS
7	10225	4	500 BOTTOM RAIL	PROFILE EXTRUSIONS
9	10266	4	500 LEADSTILE	PROFILE EXTRUSIONS
10	10267	4	500 DOUBLE INTERLOCK	PROFILE EXTRUSIONS
11	10418	1	500 ASTRAGAL (HD)	PROFILE EXTRUSIONS
14	1566-S	AS REQD.	3/16" GLAZING VINYL	DOW-TECH PLASTICS
16	DAN2060.10	4	LEADSTILE TOP RAIL GUIDE	MINI DIE CASTINGS
17	DAN2031.10	4	500 INTERLOCK COVER	MINI DIE CASTINGS
18	PURCHASE	4	S.G.D. GLASS (3/16" TEMP.) NON-IMPACT	CARDINAL
19	-----	2	SCREEN FRAME	-----
20	340270045GYWF	AS REQD.	0.250" PILE WEATHERSTRIP	AMSBURY
21	W13255NG	AS REQD.	0.340" FIN SEAL WOOLPILE	ULTRA FAB
22	1568S	AS REQD.	JAMB WEATHERSTRIP VINYL BULB	DOW-TECH PLASTICS
24	-----	-----	ROLLER ASSEMBLY	-----
25	-----	AS REQD.	ASTRAGAL END PLUG (NOT SHOWN)	-----
26	-----	-----	RUBBER BUMPER	-----
27	-----	5/ASTRAGAL	SCREW #8 X 2-1/2" PAN HEAD (NOT SHOWN)	-----
28	-----	4/PANEL	SCREW #10 X 1" PAN HEAD	-----
29	P6803AFG	AS REQD.	BUG PLUG (NOT SHOWN)	ULTRA FAB
30	PURCHASE	AS REQD.	#12 WOOD SCREW W/ 1-1/2" MIN. EMBEDMENT	-----
31	PURCHASE	AS REQD.	1/4" DIA. TAPCON 1-1/4" MIN. EMBEDMENT	ITW
33	-----	AS REQD.	SCREEN END SWEEP (VINYL)	-----
34	-----	1	SCREEN LATCH	-----
35	-----	2	SCREEN ROLLER ASSEMBLY	-----
36	-----	AS REQD.	LATCH & KEEPER (FLUSH MOUNT 2-PLY HOOK LOCK)	DECO



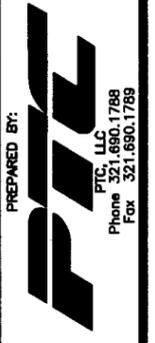
DO	03/26/08
MODIFIED PER	A
B.C.C.O. COMMENTS	

ATRUM FLORIDA, INC.
3600 PORT JACKSONVILLE PKWY.
JACKSONVILLE, FL 32226

500 SERIES NON-IMPACT SLIDING GLASS DOOR
BILL OF MATERIALS & COMPONENTS

PREPARED BY: BB N.T.S. A

01/14/08 ATR0003 6 OF 6



Eric S. Nielsen
Florida E. No. 41323

4/3/08

FIC, LLC
1535 Cogswell Street, Suite C25
Rockledge, Florida 32955
Phone 321.690.1788
Fax 321.690.1789
FBPE Certificate of Authorization No. 25935

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 06-0616-08
Expiration Date. JUNE 24, 2013

By Isaac I. Chand
Miami Dade Product Control
Division