



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)

**Signature Door, Inc.**  
401 Juniata Street  
Atloona, PA 16602

### 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: 10' Wood Outswing Impact Door

**APPROVAL DOCUMENT:** Drawing No. 1283, " 10 Foot Wood Outswing Impact Doors", sheets 1 through 10 of 10, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 06/24/04, signed and sealed by Warren W. Schaefer, 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 **Herminio F. Gonzalez, P.E. , Director, BCCO**



NOA No 04-0907.02  
Expiration Date: February 17, 2010  
Approval Date: February 17, 2005  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **1283**, titled "10 Foot Wood Outswing Doors", sheets 1 through 10 of 10, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 06/24/04, signed and sealed by Warren W. Schaefer, P.E.

**B. TESTS**

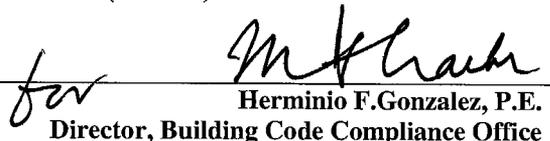
1. Test reports on
  - 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Large Missile Impact Test per FBC, TAS 201-94
  - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
  - 6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94along with marked-up drawings and installation diagram of inswing wood doors, prepared by Hurricane Test Laboratory, LLC, Test Report No. **HTL-0243-0319-04** (specimen # 4) dated 03/17-5/25/04, signed and sealed by Vinu J. Abraham, P.E.
2. 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
  - 4) Large 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 and TAS 202-94along with marked-up drawings and installation diagram of inswing wood doors, prepared by Hurricane Test Laboratory, LLC, Test Report No. **HTL0243-0516-04** (specimen # 4, 7) dated 03/17-5/26/04, signed and sealed by Vinu J. Abraham, P.E.
3. 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
  - 4) Large 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 and TAS 202-94along with marked-up drawings and installation diagram of inswing wood doors, prepared by Hurricane Test Laboratory, LLC, Test Report No. **HTL-0243-1013-03** (specimen # 8) dated 10/22-24/03, signed and sealed by Vinu J. Abraham, P.E.

**C. CALCULATIONS**

1. Anchor Calculations and structural analysis, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 06/23/04, signed and sealed by Warren Schaefer, P.E.

**D. QUALITY ASSURANCE**

1. Miami Dade Building Code Compliance Office (BCCO).

  
Herminio F. Gonzalez, P.E.  
Director, Building Code Compliance Office

NOA No 04-0907.02

Expiration Date: February 17, 2010

Approval Date: February 17, 2005

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**E. MATERIAL CERTIFICATIONS**

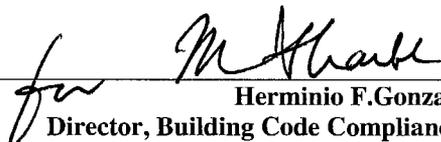
1. Notice of Acceptance No. **03-0225.10** issued to Glasslam NGI Inc. for "Safety Plus II-Laminated Glass" dated 08/07/03, expiring on 08/07/08.
2. Notice of Acceptance No. **03-0514.15** issued to Oldcastle Glass Inc. for "Storm Glass" dated 12/11/03, expiring on 12/11/08.

**F. STATEMENTS**

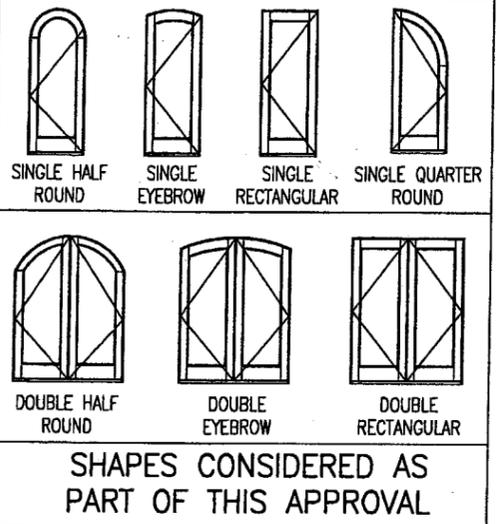
1. Statement letter of conformance and no financial interest, dated 06/28/04, signed and sealed by Warren Schaefer, P.E.

**G. OTHER**

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



Herminio F. Gonzalez, P.E.  
Director, Building Code Compliance Office  
NOA No 04-0907.02  
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**HINGE REQUIREMENTS**

MAXIMUM DOOR FRAME HEIGHT	# HINGES REQUIRED	
	PANEL WIDTH 36" & LESS	PANEL WIDTH GREATER THAN 36"
82"	3	3
98"	(1) 4	(1) 4
122"	4	(1) 5

(1) ONE LESS HINGE IS REQUIRED WITH DOUBLE HALF ROUND & SINGLE QUARTER ROUND DOORS.

**ALLOWABLE DESIGN PRESSURE**

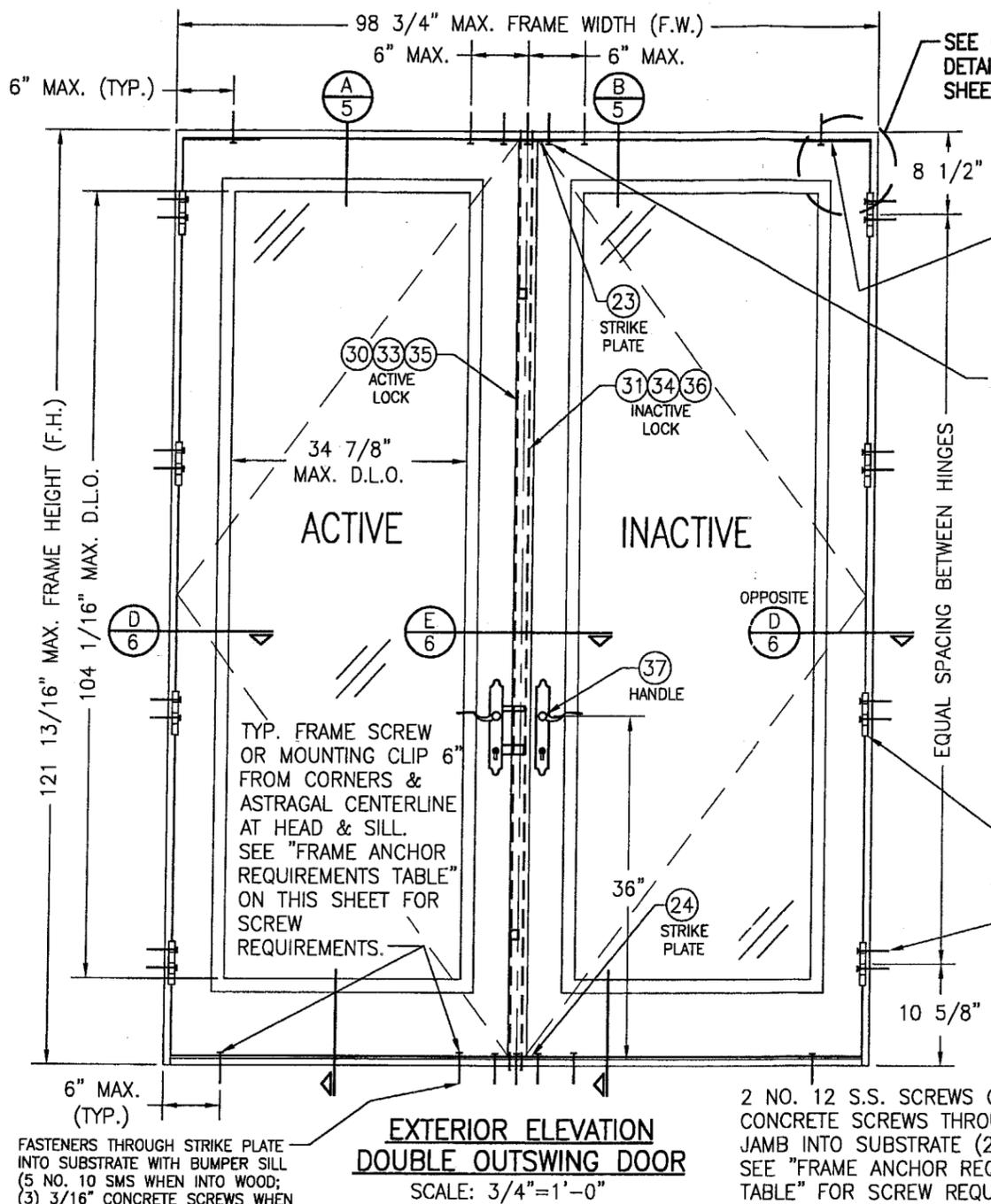
(1) +/-50 PSF

SEE TRANSOM ELEVATION ON SHEET 2 FOR SPECIAL MULLION LOAD CONDITION.

(1) POSITIVE PRESSURE NOTE: DOORS ARE APPROVED FOR WATER INFILTRATION RESISTANCE WHEN THE BUMPER THRESHOLD (ITEM 19) IS USED. WHEN THE "ADA" THRESHOLD IS USED, THESE DOORS ARE NOT APPROVED FOR WATER INFILTRATION RESISTANCE UNLESS THE UNITS ARE INSTALLED IN A NON-HABITABLE AREA WHERE THE UNIT AND THE AREA ARE DESIGNED TO ACCEPT WATER INFILTRATION. OTHERWISE, THE DOORS MUST BE INSTALLED ONLY AT LOCATIONS PROTECTED BY A CANOPY OR OVERHANG SUCH THAT THE ANGLE BETWEEN THE EDGE OF THE CANOPY OR OVERHANG TO SILL IS LESS THAN 45 DEGREES.

**GENERAL NOTES**

- THESE DOOR SYSTEMS HAVE BEEN TESTED, ANALYZED AND APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE" TABLE.
- BUCKING, OPENINGS & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
- ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & MAY NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS.
- THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT DOORS.
- THESE DOOR SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE (F.B.C.) FOR HIGH VELOCITY HURRICANE ZONES (HVHZ).
- IMPACT SHUTTERS ARE NOT REQUIRED WITH THESE DOORS.
- ALL ANCHORS SHALL BE INSTALLED AS SPECIFIED ON THESE DRAWINGS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.

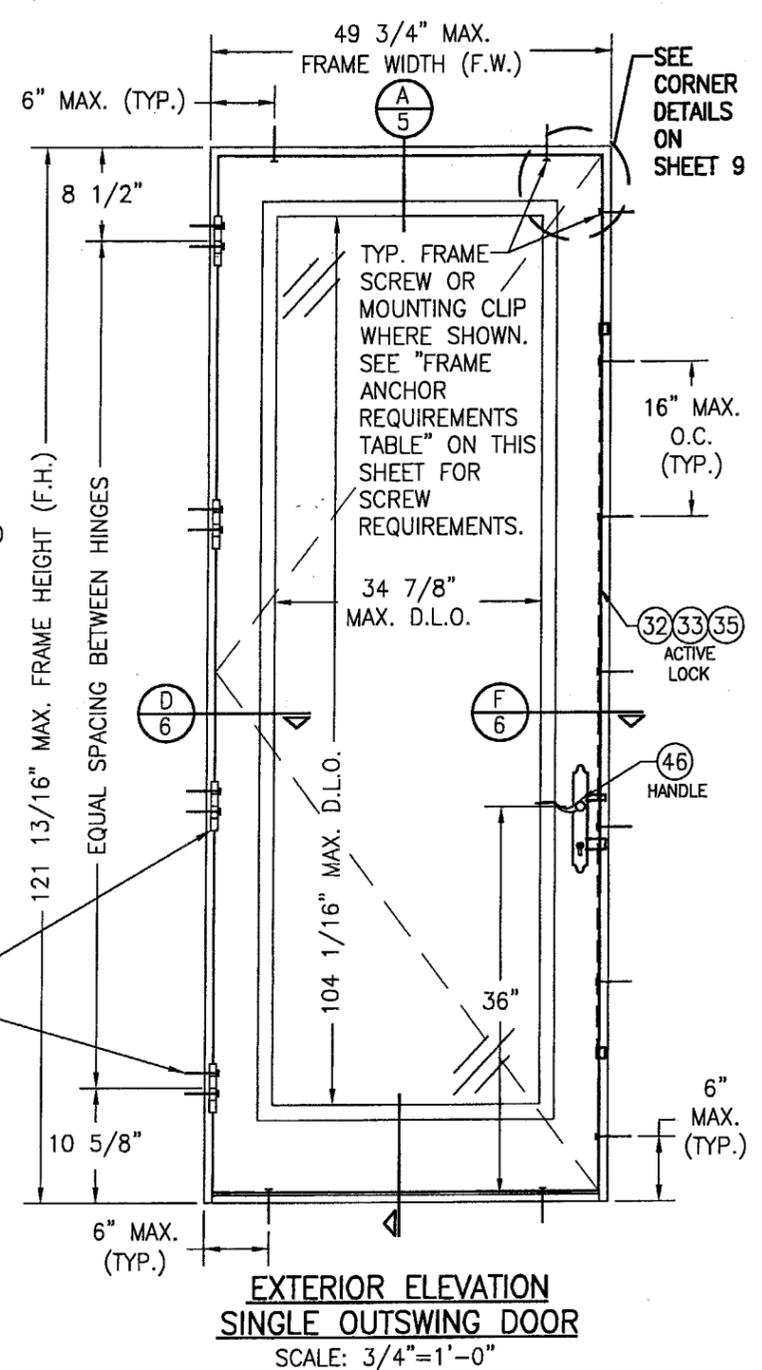


**FRAME ANCHOR REQUIREMENTS TABLE**

OPENING TYPE (SUBSTRATE)	JAMB TO OPENING FASTENER TYPE (ANCHOR)	MINIMUM EMBED	MINIMUM EDGE DIST.
2X_ WOOD FRAME OR BUCK	NO. 10 SMS FRAME SCREW	1 3/8"	1"
2X_ WOOD FRAME OR BUCK	NO. 12 HINGE SCREW	1 3/8"	1"
CMU/CONCRETE	(1) 3/16" & 1/4" CONCRETE SCREWS	1 1/4"	2"
2X_ WOOD FRAME OR BUCK	MOUNTING CLIP W/ #8 SCREWS	1 3/8"	1/2"

(1) CONCRETE SCREWS SHALL BE ELCO OR ITW RAMSET/RED HEAD TAPCONS, HILTI KWIK-CON II OR POWERS RAWL TAPPER (HARDENED STEEL OR S.S.).

\* ANCHOR NOTE: FRAME MAY BE EITHER DIRECT MOUNTED TO THE OPENING, MOUNTED ONTO A CONTINUOUS WOOD SPACER, OR ANCHORED TO A MIN. 2x4 NO. 2 SOUTHERN PINE WOOD BUCK. WHEN ANCHORED TO A 2x4 BUCK, MOUNTING CLIPS OR NO. 10 SHEAR SCREWS SHALL BE USED. WHEN DIRECT MOUNTED OR MOUNTED WITH SPACER, 3/16" CONCRETE SCREWS SHALL BE USED. SEE "ANCHOR REQUIREMENTS TABLE" FOR EMBED REQUIREMENTS. PROPER MATERIAL SHALL BE USED BETWEEN ALL DISIMILAR MATERIALS (BLOCK/CONCRETE & ALUMINUM).

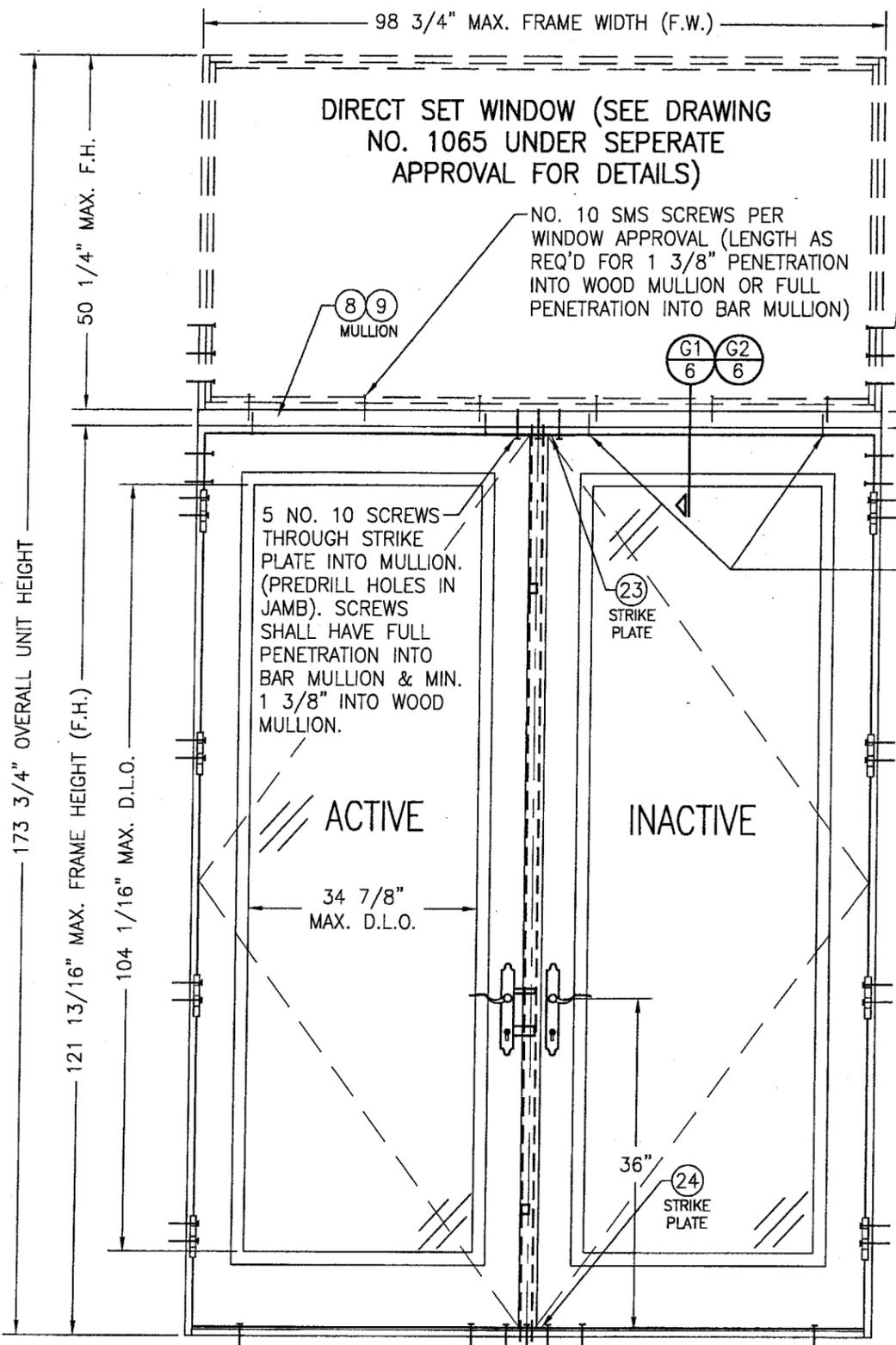


NOTE: SINGLE DOOR SHOWN HAS THE 3-POINT LOCK SYSTEMS. AN ALTERNATE LOCK MAY BE A SINGLE POINT BALDWIN 6021 MORTISE LOCK IF THE DOOR FRAME SIZE IS 37 9/16" X 97 5/16" OR LESS.

NOTE: DOORS MAY BE FULLY GLAZED AS SHOWN, PARTIALLY PANELED OR FULLY PANELED. SEE SHEET 4 ELEVATION FOR PANELED DOORS.

Approved as complying with the Florida Building Code  
 Date 02/17/05  
 NOAH 01-0902-02  
 Miami Dade Product Control Division  
 By *M. Phauk*

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1-16	DATE: 06/24/04
REVISION NO.	REVISION DESCRIPTION
DRAWING TITLE: 10 FOOT WOOD OUTSWING IMPACT DOORS	
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.	MANUFACTURER: SIGNATURE DOOR INC.
8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903	401 JUNIATA STREET ALTOONA, PA 16602 814-949-2770
CERTIFICATION: DEC 21 2004	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1283	REV. 1
SHEET NO. 1	OF 10



**INTERIOR ELEVATION  
DOUBLE DOOR WITH TRANSOM**  
SCALE: 3/4"=1'-0"

SEE DOUBLE DOOR ELEVATION ON SHEET 1 FOR DETAIL NOT SHOWN

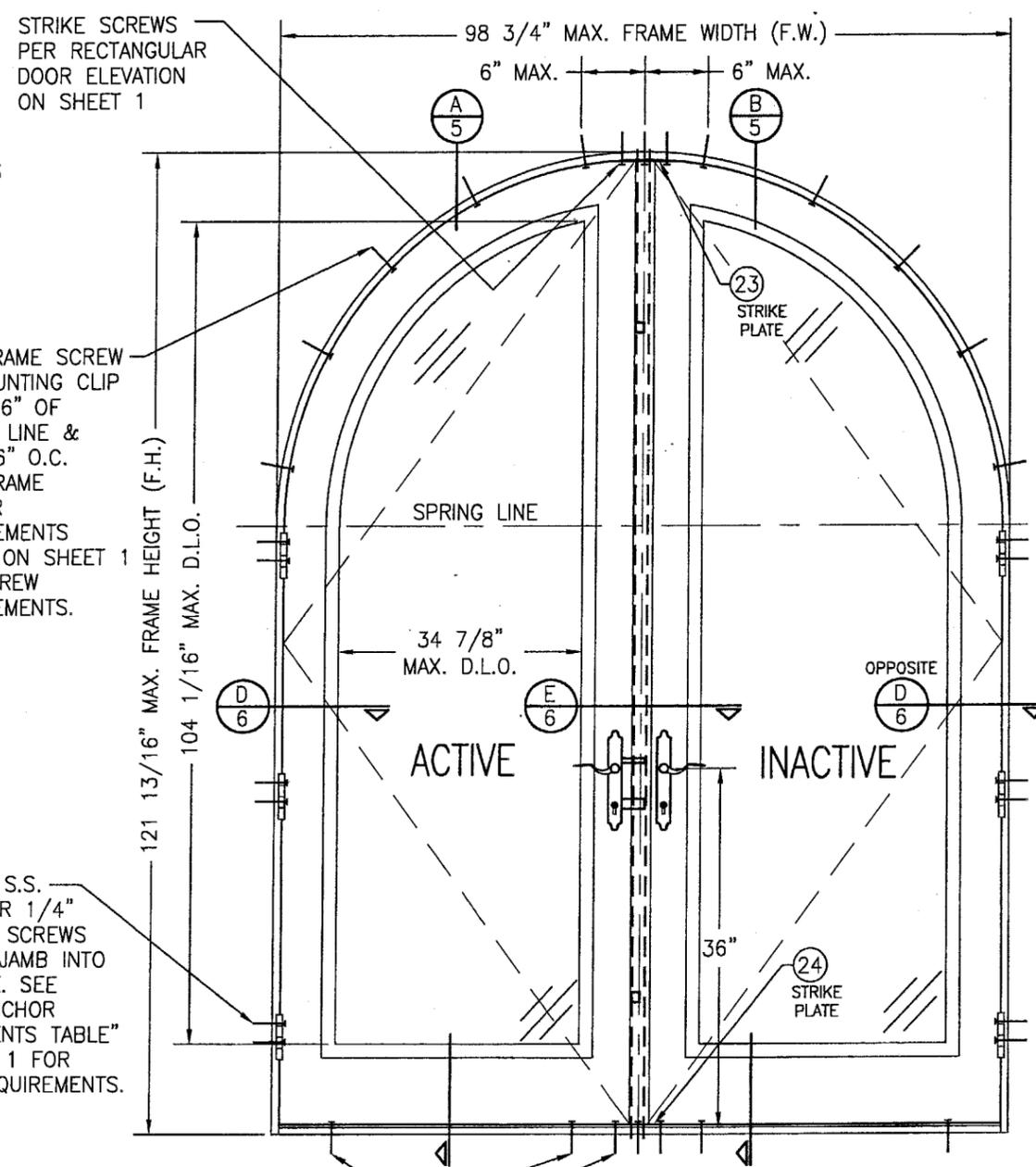
3 NO. 10 FRAME SCREWS AT TOP SIDE OF MULLION & 2 AT BOTTOM SIDE AS SHOWN (TYP. EA. END). SEE ANCHOR REQ. TABLE ON SHEET 1.

TYP. FRAME SCREW OR MOUNTING CLIP WITHIN 6" OF SPRING LINE & MAX. 16" O.C. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR SCREW REQUIREMENTS.

DOOR HEAD JAMB ANCHORS PER DOOR ELEVATION ON SHEET 1 (LENGTH OF ANCHOR AS REQ'D FOR 1 3/8" PENETRATION INTO WOOD MULLION OR FULL PENETRATION INTO BAR MULLION)

2 NO. 12 S.S. SCREWS OR 1/4" CONCRETE SCREWS THROUGH JAMB INTO SUBSTRATE. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR SCREW REQUIREMENTS.

SILL AND STRIKE PLATE ANCHORS PER ELEVATION ON SHEET 1



**INTERIOR ELEVATION  
DOUBLE HALF ROUND DOOR**  
SCALE: 3/4"=1'-0"

SEE DOUBLE DOOR ELEVATION ON SHEET 1 FOR DETAIL NOT SHOWN

**MULLION LOAD TABLE FOR  
TRANSOM MULLION WITH  
WOOD REINFORCEMENT**

MAXIMUM MULLION LENGTH (IN.)	MAXIMUM OVERALL UNIT HEIGHT (IN.)	ALLOWABLE PRESSURE (POS. & NEG. PSF)
98	174	45.5
	168	47.1
	162	48.9
	156	50.0
92	174	50.0

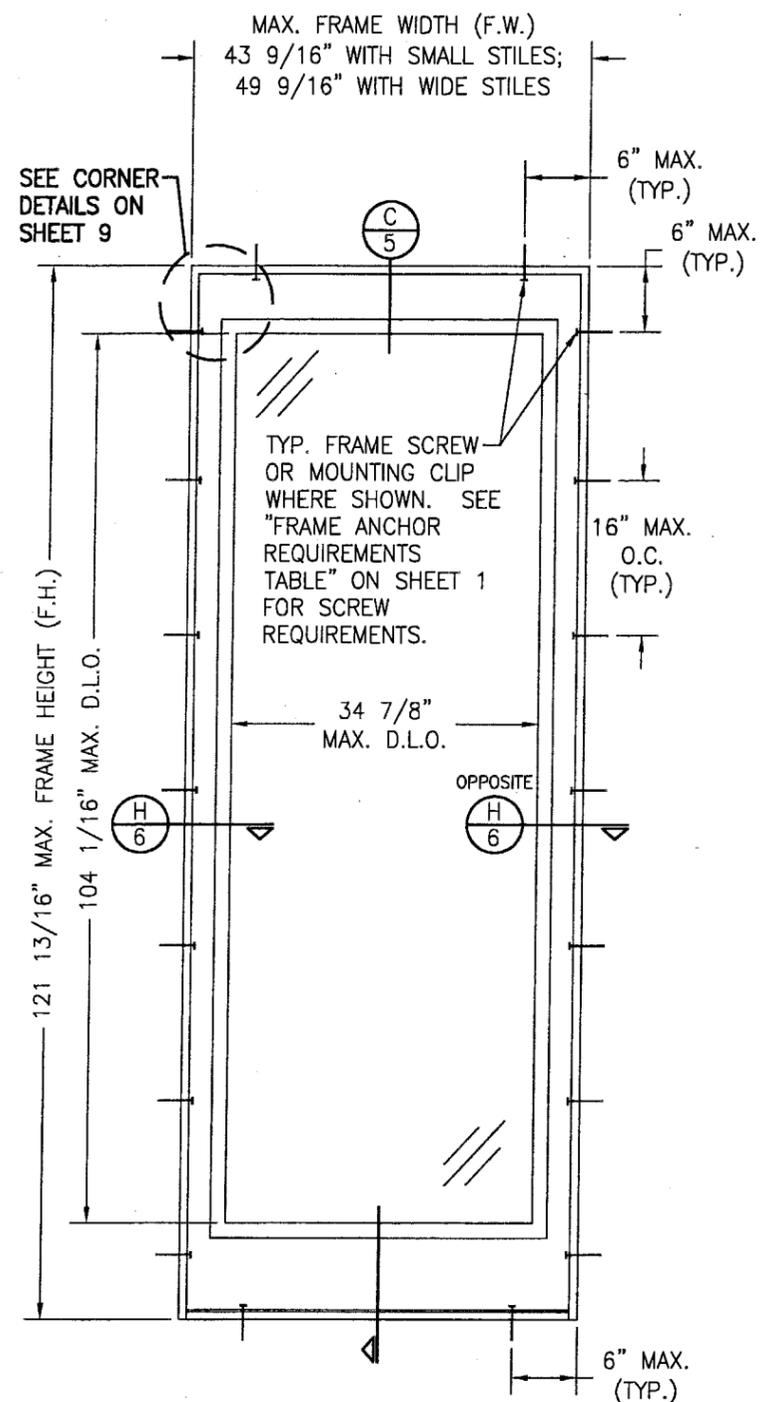
(1) WHEN STEEL BAR REINFORCEMENT IS USED, ALLOWABLE PRESSURE = +/-50 PSF WITH ALL SIZE CONDITIONS.

NOTE: DOORS MAY BE FULLY GLAZED AS SHOWN, PARTIALLY PANELED OR FULLY PANELED. SEE SHEET 4 ELEVATION FOR PANELED DOORS.

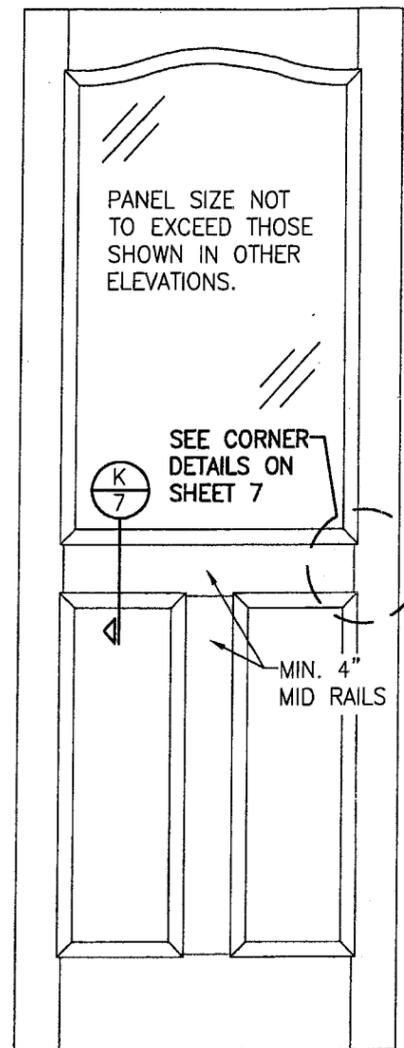
Approved as complying with the Florida Building Code  
Date 02/13/05  
NOAH 04-0907-02  
Miami Dade Product Control  
Division  
By *M. Pharis*

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=16	DATE: 06/28/04
NO.	REVISION DESCRIPTION
BY	DATE
DRAWING TITLE <b>10 FOOT WOOD INSING IMPACT DOORS</b>	
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A.</b> 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4803	
MANUFACTURER <b>SIGNATURE DOOR INC.</b> 401 JUNIATA STREET ALTOONA, PA 16602 814-949-2770	
CERTIFICATION <b>DEC 21 2004</b>	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. <b>1315</b>	REV.
SHEET NO. <b>2</b>	OF <b>10</b>

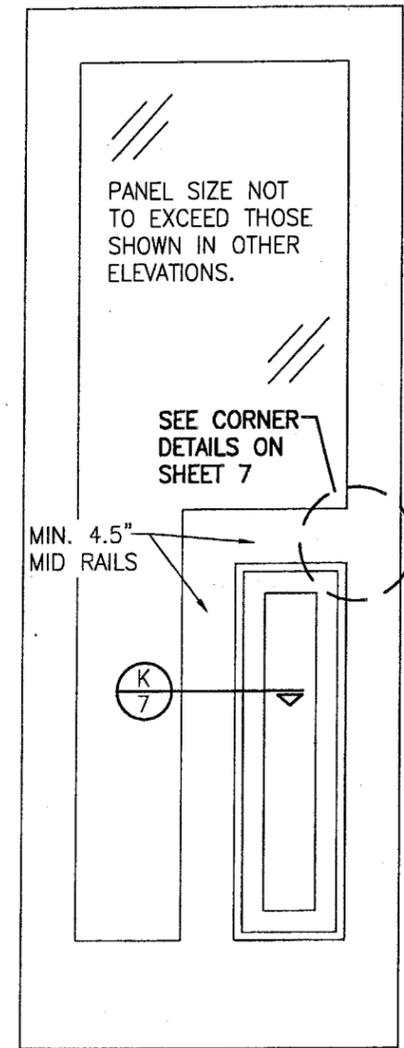




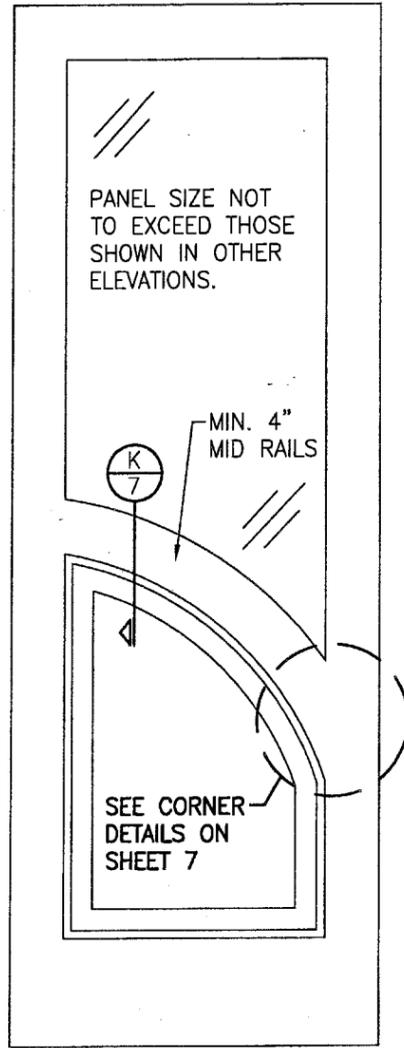
**INTERIOR ELEVATION  
SINGLE FIXED PANEL**  
SCALE: 3/4"=1'-0"



**INTERIOR ELEVATION SOLID  
RAISED PANEL WITH  
STANDARD MID RAILS**  
SCALE: 3/4"=1'-0"



**INTERIOR ELEVATION SOLID  
RAISED PANEL WITH  
CORNERED MID RAILS**  
SCALE: 3/4"=1'-0"

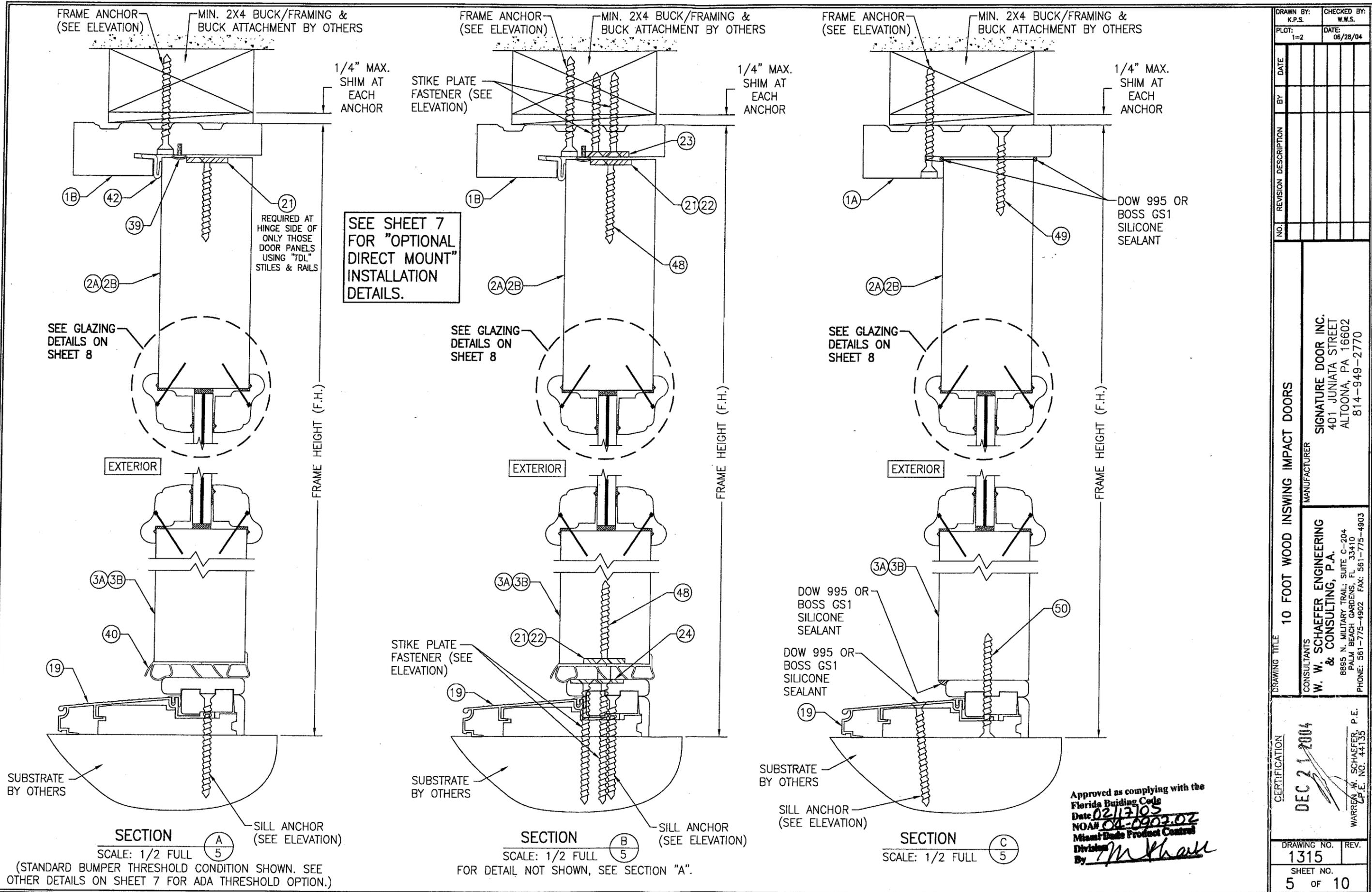


**INTERIOR ELEVATION  
SOLID RAISED PANEL WITH  
ARCHED/SHAPED MID RAILS**  
SCALE: 3/4"=1'-0"

- 1) TOP & MID RAILS MAY BE OF ANY CONFIGURATION PROVIDING THE SMALLEST CROSS SECTION OF RAILS IS EQUAL TO OR LARGER THAN THAT DETAILED IN DRAWINGS.
- 2) MULTIPLE MID RAIL (BOTH HORIZONTAL & VERTICAL) MAY BE USED WITH THESE PANELS.
- 3) PARTIAL PANEL CONDITION IS SHOWN ABOVE. FULL PANEL DOORS AND OTHER PANEL CONFIGURATIONS ARE ALSO PART OF THIS APPROVAL AND ARE SIMILAR IN CONSTRUCTION TO THAT SHOWN ABOVE.
- 4) PANEL ONLY IS SHOWN. FOR INSTALLATION INTO FRAME, SEE OTHER ELEVATIONS.

Approved as complying with the  
Florida Building Code  
Date 02/17/05  
NOA# 02-0902.02  
Miami-Dade Product Control  
Division  
By *W. Schaeffer*

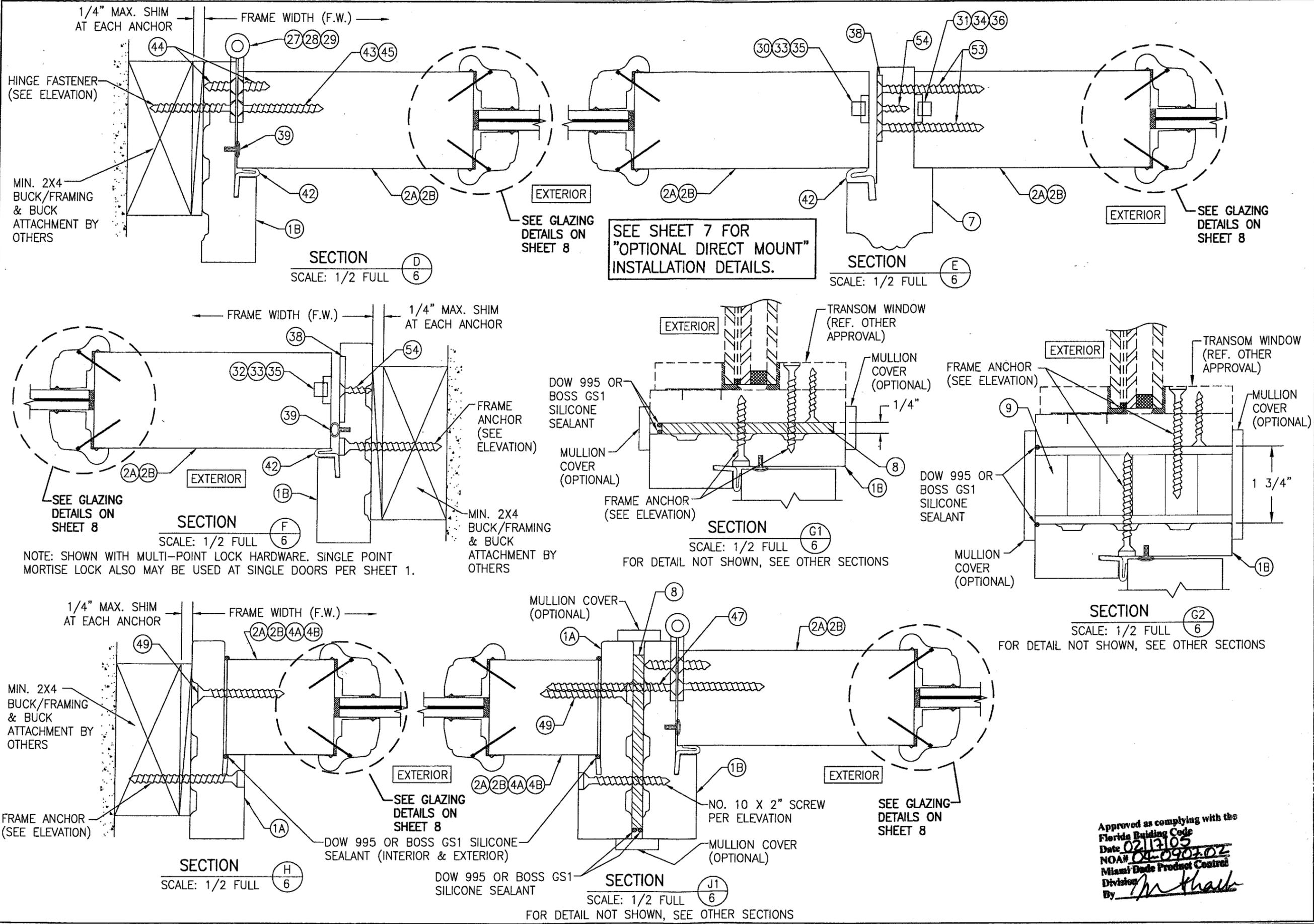
DRAWN BY: K.P.S.		CHECKED BY: W.W.S.	
PLOT: 1-16		DATE: 06/28/04	
NO.	REVISION	DESCRIPTION	DATE
DRAWING TITLE <b>10 FOOT WOOD INSULWING IMPACT DOORS</b>			
CONSULTANT'S <b>W. W. SCHAEFFER ENGINEERING &amp; CONSULTING, P.A.</b>		MANUFACTURER <b>SIGNATURE DOOR INC.</b>	
8805 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903		401 JUNIATA STREET ALTOONA, PA 16602 814-949-2770	
CERTIFICATION <b>DEC 21 2004</b>		WARREN W. SCHAEFFER, P.E. P.E. NO. 44135	
DRAWING NO. <b>1315</b>	REV.		
SHEET NO. <b>4</b>		OF <b>10</b>	



SEE SHEET 7 FOR "OPTIONAL DIRECT MOUNT" INSTALLATION DETAILS.

Approved as complying with the Florida Building Code  
 Date: 02/13/05  
 NOAH 04-0902.02  
 Miami Dade Product Control  
 Division  
 By: *M. Khalil*

DRAWN BY: K.P.S.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 06/28/04	
NO.	REVISION	DESCRIPTION	DATE
DRAWING TITLE <b>10 FOOT WOOD INSWING IMPACT DOORS</b>			
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A.</b>		MANUFACTURER <b>SIGNATURE DOOR INC.</b>	
8855 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903		401 JUNIATA STREET ALTOONA, PA 16602 814-949-2770	
CERTIFICATION <b>DEC 21 2004</b>			
DRAWING NO. <b>1315</b>		REV. 	
SHEET NO. <b>5 OF 10</b>			

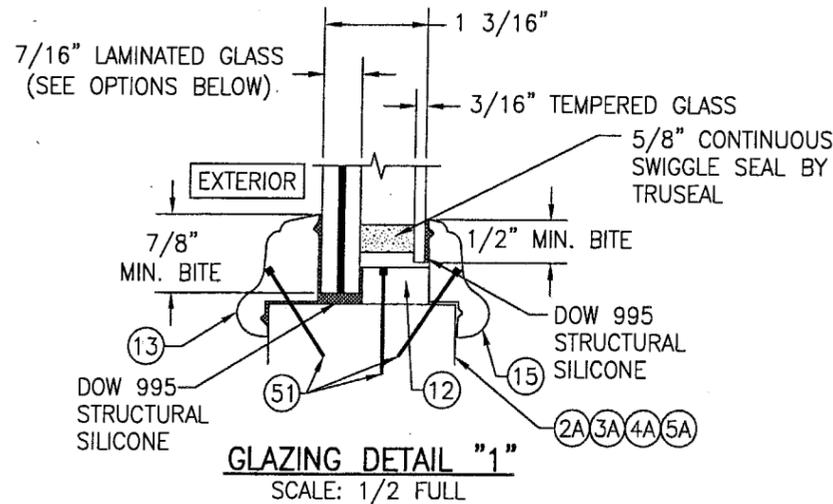


NOTE: SHOWN WITH MULTI-POINT LOCK HARDWARE. SINGLE POINT MORTISE LOCK ALSO MAY BE USED AT SINGLE DOORS PER SHEET 1.

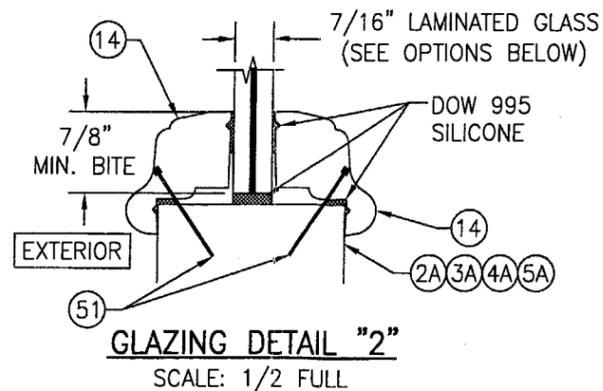
Approved as complying with the Florida Building Code  
 Date 02/13/05  
 NOA# 04-090202  
 Miami Dade Product Control  
 Division  
 By *M. Thack*

DRAWN BY: K.P.S.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 06/28/04	
NO.	REVISION	DESCRIPTION	DATE
DRAWING TITLE: 10 FOOT WOOD INSWING IMPACT DOORS			
MANUFACTURER: SIGNATURE DOOR INC. 401 JUNIATA STREET ALTOONA, PA 16602 814-949-2770			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903			
CERTIFICATION: DEC 21 2004			
DRAWING NO. 1315		REV.	
SHEET NO. 6 OF 10			

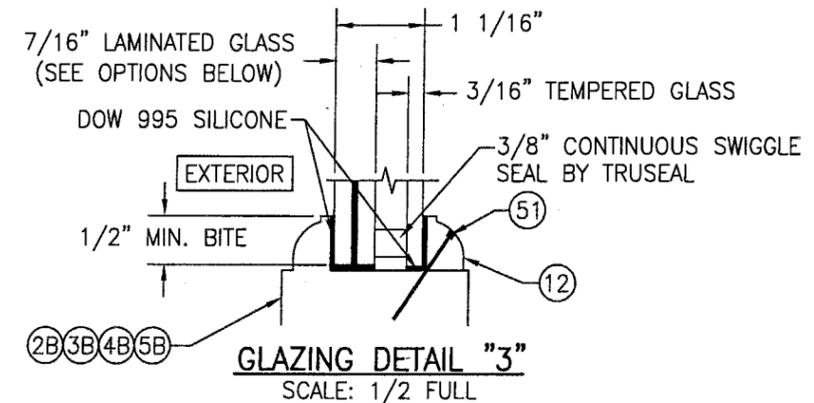




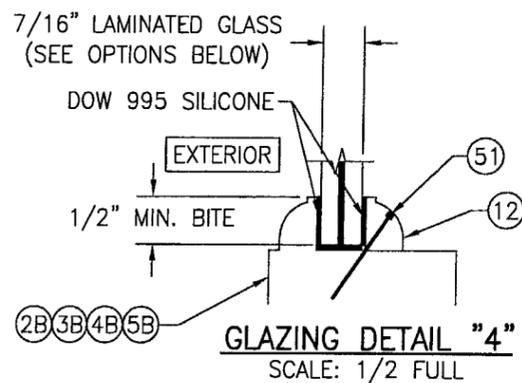
GLASS OPTION: 1) 7/16" THICK GLASSLAM SAFETY PLUS II LAMINATED OUTER GLASS (3/16" AN/0.10" POLYURETHANE POLYMER/3/16" AN); 3/16" TEMPERED SINGLE PANE INNER GLASS  
 2) 7/16" THICK OLDCASTLE STORMGLASS LAMINATED OUTER GLASS (3/16" AN/0.075" STORMGLASS/3/16" AN); 3/16" TEMPERED SINGLE PANE INNER GLASS



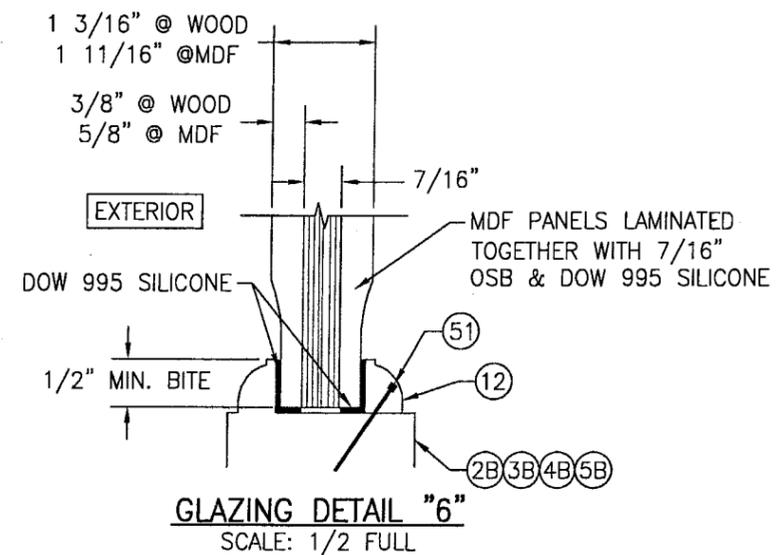
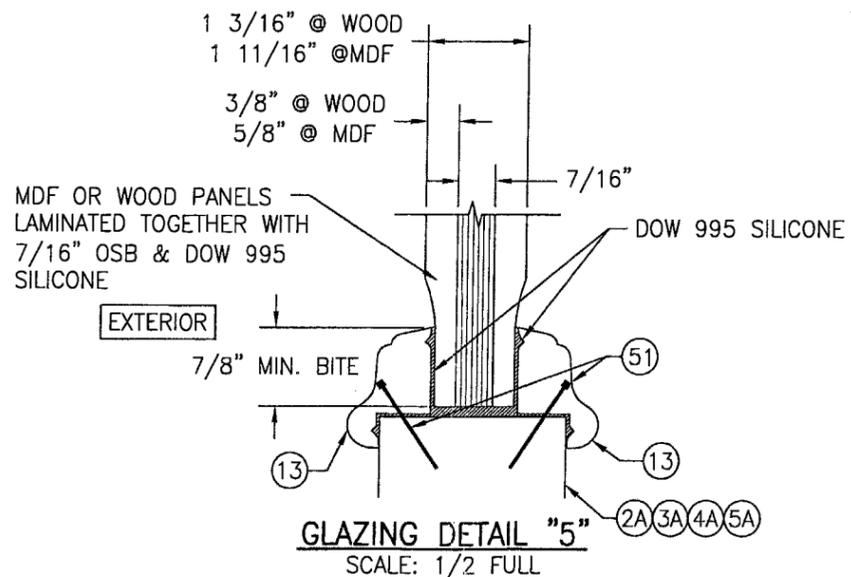
GLASS OPTION: 1) 7/16" THICK GLASSLAM SAFETY PLUS II LAMINATED GLASS (3/16" AN/0.10" POLYURETHANE POLYMER/3/16" AN)  
 2) 7/16" THICK OLDCASTLE STORMGLASS LAMINATED GLASS (3/16" AN/0.075" STORMGLASS/3/16" AN)



GLASS OPTION: 1) 7/16" THICK GLASSLAM SAFETY PLUS II LAMINATED OUTER GLASS (3/16" AN/0.10" POLYURETHANE POLYMER/3/16" AN); 3/16" TEMPERED SINGLE PANE INNER GLASS  
 2) 7/16" THICK OLDCASTLE STORMGLASS LAMINATED OUTER GLASS (3/16" AN/0.075" STORMGLASS/3/16" AN); 3/16" TEMPERED SINGLE PANE INNER GLASS

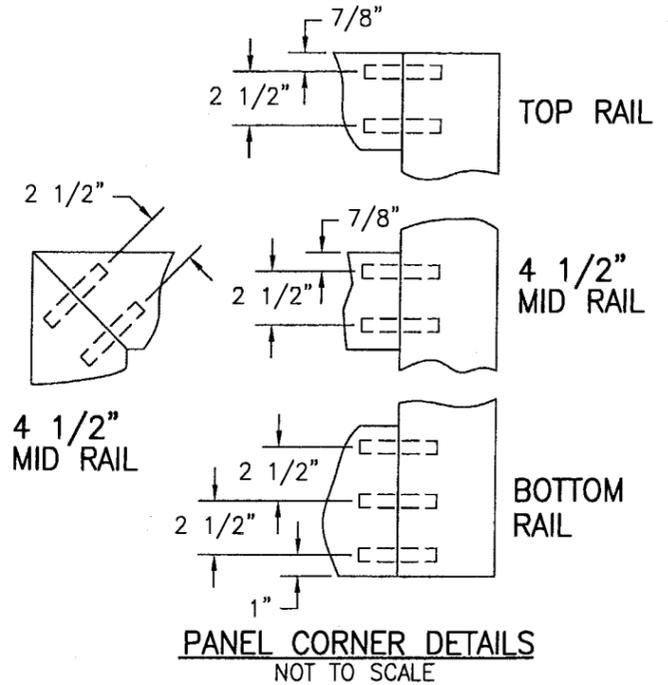
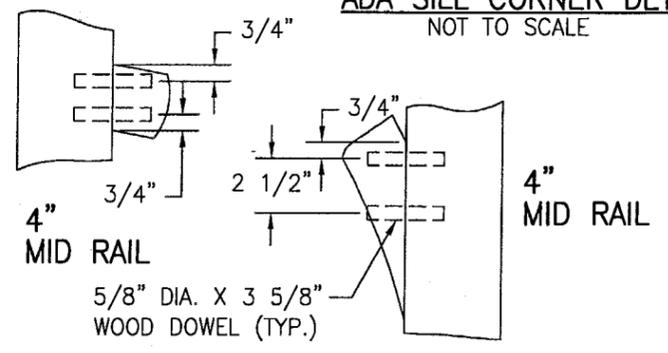
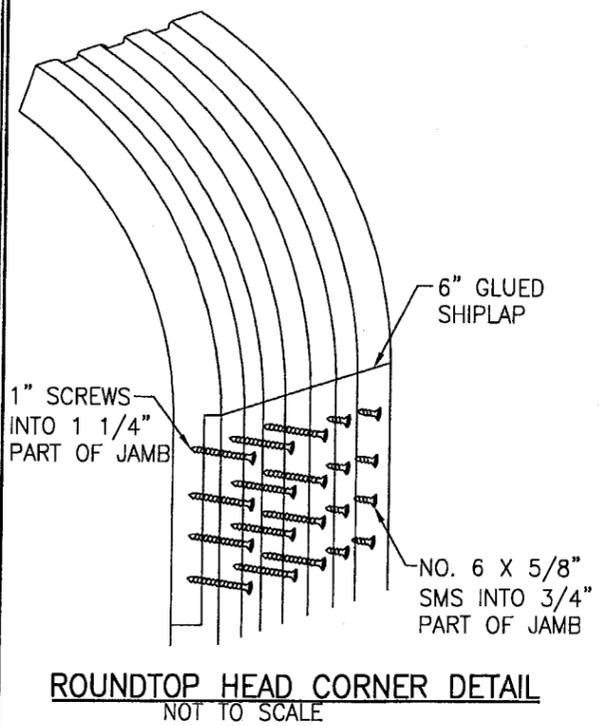
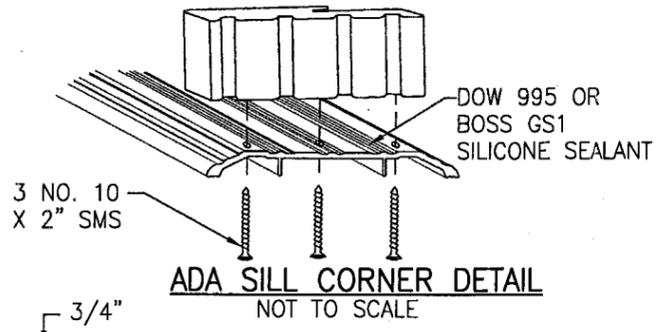
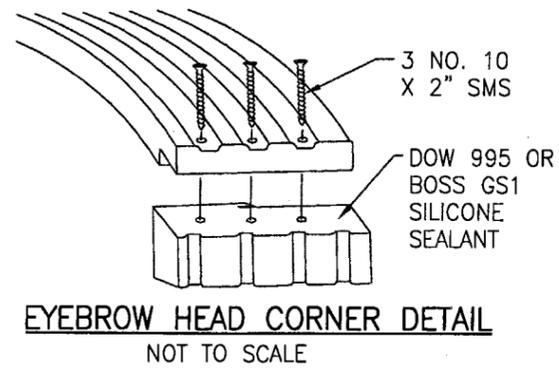
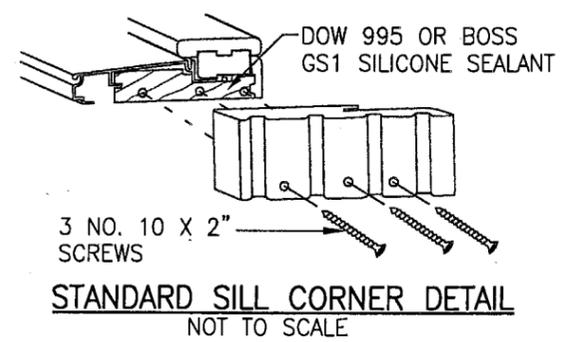
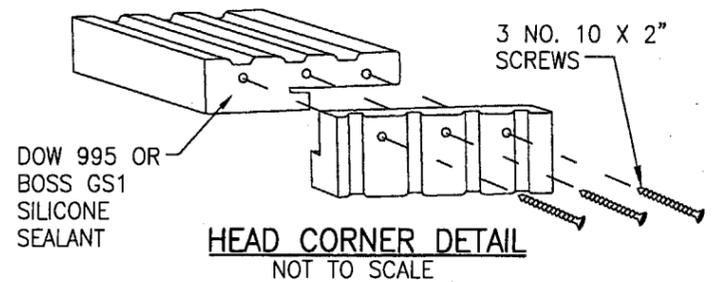


GLASS OPTION: 1) 7/16" THICK GLASSLAM SAFETY PLUS II LAMINATED GLASS (3/16" AN/0.10" POLYURETHANE POLYMER/3/16" AN)  
 2) 7/16" THICK OLDCASTLE STORMGLASS LAMINATED GLASS (3/16" AN/0.075" STORMGLASS/3/16" AN)

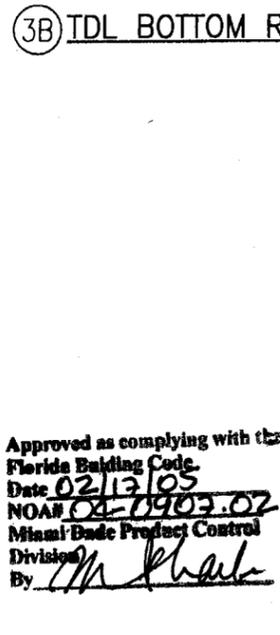
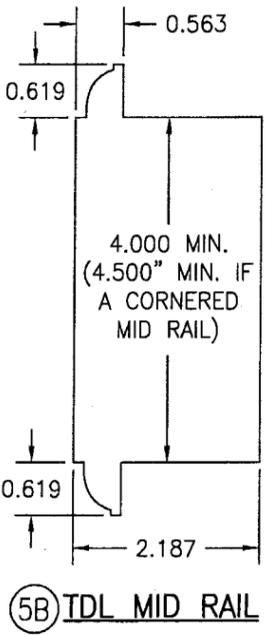
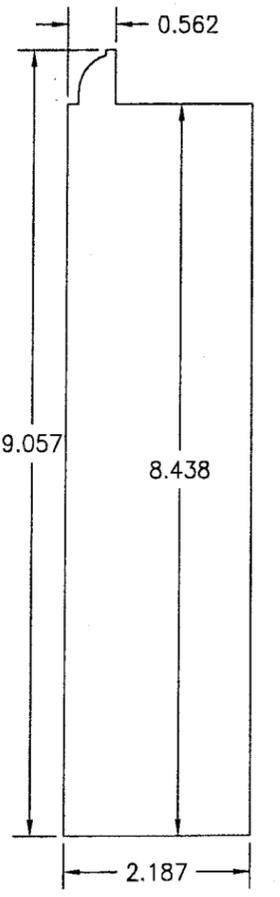
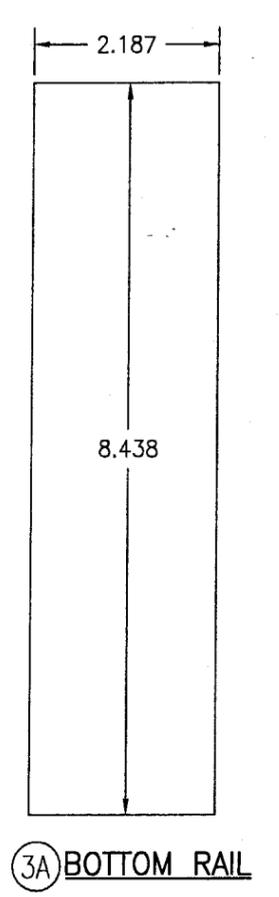
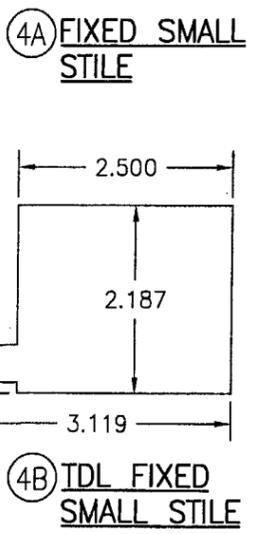
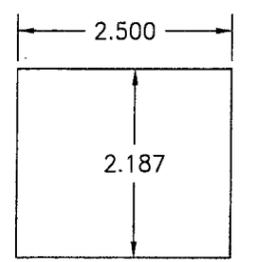
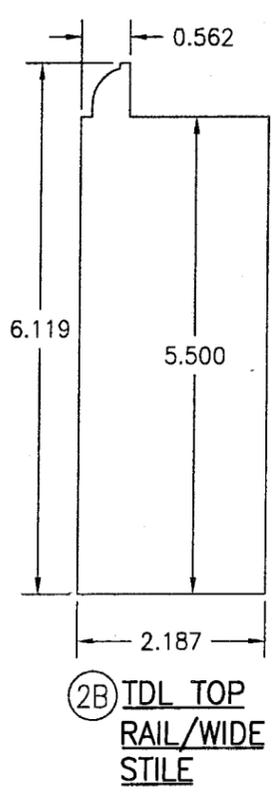
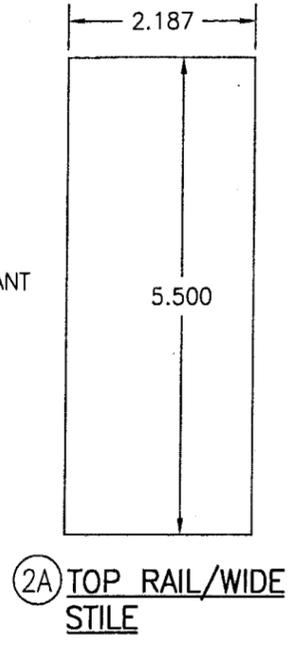
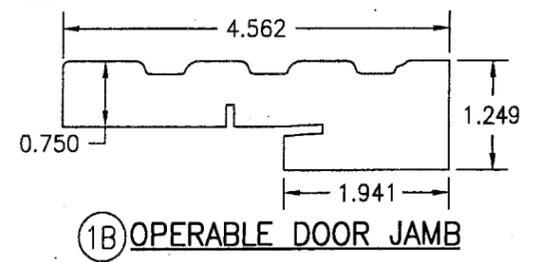
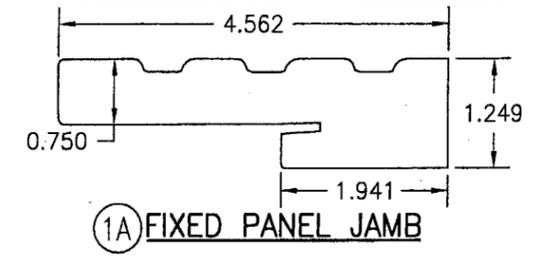


Approved as complying with the Florida Building Code  
 Date 02/17/05  
 NOAH 08-0902.02  
 Miami Dade Product Control  
 Division  
 By *M. Shakh*

DRAWN BY: K.P.S.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 06/28/04	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE: 10 FOOT WOOD INSWING IMPACT DOORS			
MANUFACTURER: SIGNATURE DOOR INC. 401 JUNIATA STREET ALTOONA, PA 16602 814-949-2770			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4802 FAX: 561-775-4803			
CERTIFICATION: DEC 21 2004 WARREN K. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO. 1315		REV.	
SHEET NO. 8 OF 10			



ALL DOWEL AND WOOD TO WOOD CONTACT SURFACES ARE FULLY GLUED WITH WOOD ADHESIVE BY KORLOCK GT 42-300A OR TITEBOND II BY WEATHERPROOF.

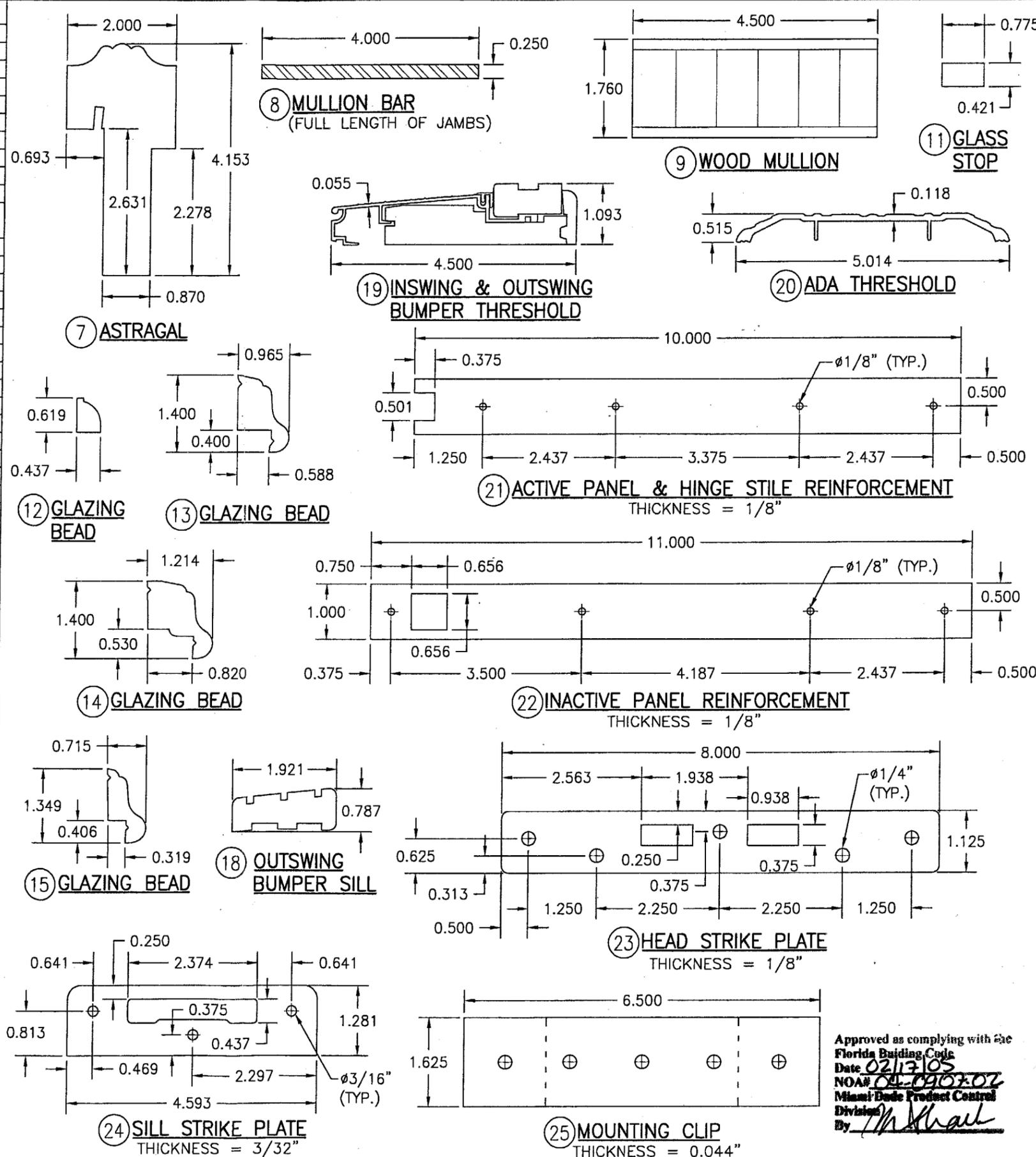


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 Date 02/13/05  
 NOAH 02-0903.02  
 Miami Dade Product Control  
 Division  
 By *[Signature]*

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 06/28/04
NO.	DATE
BY	
REVISION DESCRIPTION	
DRAWING TITLE <b>10 FOOT WOOD INSULWING IMPACT DOORS</b>	
MANUFACTURER <b>SIGNATURE DOOR INC.</b> 401 JUNIATA STREET ALTOONA, PA 16602 814-949-2770	
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A.</b> 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903	
CERTIFICATION <b>DEC 21 2004</b>	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. <b>1315</b>	REV.
SHEET NO. <b>9</b>	OF <b>10</b>

ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
<b>PARTS</b>		
1A	FIXED PANEL JAMB	* WOOD (LAMINATED WITH CURVED JAMB)
1B	OPERABLE DOOR JAMB	* WOOD (LAMINATED WITH CURVED JAMB)
2A	TOP RAIL/WIDE STILE	LAMINATED RED OAK CORE (PINE VENEER)
2B	TDL TOP RAIL/WIDE STILE	LAMINATED RED OAK CORE (PINE VENEER)
3A	BOTTOM RAIL	LAMINATED RED OAK CORE (PINE VENEER)
3B	TDL BOTTOM RAIL	LAMINATED RED OAK CORE (PINE VENEER)
4A	FIXED SMALL STILE	LAMINATED RED OAK CORE (PINE VENEER)
4B	TDL FIXED SMALL STILE	LAMINATED RED OAK CORE (PINE VENEER)
5A	STANDARD MID RAIL	LAMINATED RED OAK CORE (PINE VENEER)
5B	TDL MID RAIL	LAMINATED RED OAK CORE (PINE VENEER) OR 3-PIECE EASTERN PINE CORE (PINE VENEER)
7	ASTRAGAL	* WOOD
8	MULLION BAR	A36 STEEL
9	WOOD MULLION	LVL OR LAMINATED RED OAK CORE (PINE VENEER)
11	GLASS STOP	* WOOD
12	GLAZING BEAD	* WOOD
13	GLAZING BEAD	* WOOD
14	GLAZING BEAD	* WOOD
15	GLAZING BEAD	* WOOD
18	OUTSWING BUMPER SILL	HARDWOOD
19	INSWING & OUTSWING BUMPER THRESHOLD	IMPERIAL 5QCW
20	ADA THRESHOLD	HAGAR 401-S
21	ACTIVE PANEL & HINGE STILE REINF.	STAINLESS STEEL
22	INACTIVE PANEL REINFORCEMENT	STAINLESS STEEL
23	HEAD STRIKE PLATE	STAINLESS STEEL
24	SILL STRIKE PLATE	STAINLESS STEEL
25	MOUNTING CLIP	18 GA. GALVANIZED STEEL
26	JAMB REINF. PLATE (.044" X 4.00" X 16.00")	18 GA. GALVANIZED STEEL
<b>HARDWARE</b>		
27	4.5" X 4.5" BALL BEARING HINGE	BALDWIN 1046.003 (BRASS)
28	4.5" X 4.5" BALL BEARING HINGE	PENROD MH4.5BBTPSQ-SQBB (STEEL)
29	4.5" X 4.5" BALL BEARING HINGE	PENROD MH4.5BBTPSQ-SQSB (BRASS)
30	5-POINT ACTIVE PANEL LOCK SYS.	HOPPE HLS9000 ROUND/BOLT/SHOOTBOLT
31	2-POINT INACTIVE PANEL LOCK SYS.	HOPPE HLS9000 SHOOTBOLT
32	3-POINT ACTIVE PANEL LOCK SYS.	HOPPE HLS9000 ROUND/BOLT
33	5-POINT ACTIVE PANEL LOCK SYS. (3-POINT AT SINGLE DOORS)	GU RHINO
34	2-POINT INACTIVE PANEL LOCK SYS.	GU EUROPA
35	5-POINT ACTIVE PANEL LOCK SYS. (3-POINT AT SINGLE DOORS)	KFV 7370-S. BOLT
36	2-POINT INACTIVE PANEL LOCK SYS.	KFV 7000
37	HANDLE	AS REQ'D TO FIT LOCK SYSTEM
38	LOCK STRIKE PLATE	AS SUPPLIED WITH LOCK SYSTEM
<b>SEALS AND SEALANTS</b>		
39	BULB WEATHERSTRIPPING	ULTRAFAB E10210BN3020; NOT REQUIRED WHEN THE ADA THRESHOLD IS USED
41	BUMPER WEATHER SEAL	HOLM INDUSTRIES NO. JF87
42	WEATHER SEAL	HOLM INDUSTRIES JF65814
<b>MISC. FASTENERS</b>		
43	NO. 10 X 2" SMS	2 PER HINGE LEAF INTO PANEL W/BRASS HINGES
44	NO. 10 X 3/4" SMS	2 PER HINGE LEAF INTO JAMB & PANEL
45	NO. 12 X 2" SMS	2 PER HINGE LEAF INTO PANEL W/STEEL HINGES
46	NO. 12 X 2" SMS	2 PER HINGE LEAF INTO WOOD MULLION
47	NO. 12 X 3" SMS	2 PER HINGE LEAF INTO STEEL MULLION/SIDELIGHT
48	NO. 10 X 2" SMS	4 PER DOOR REINFORCEMENT PLATE
49	NO. 10 X 2" SMS	6" FROM CORNERS & 16" MAX O.C.
50	NO. 10 X 2 1/2" SMS	6" FROM CORNERS & MID SPAN ON SILL
51	1 3/16" BRAD NAIL	1" FROM CORNERS & 8" O.C.
52	3/4" STAPLE	3/4" FROM CORNERS & 6" O.C. STAGGERED
53	NO. 10 X 2 1/2" SMS	3" FROM ENDS & 22" O.C. THRU ASTRAGAL
54	NO. 6 X 3/4" SCREW	2 PER STRIKE PLATE

\* WOOD USED WITH TEST UNITS WAS SELECT EASTERN WHITE PINE. WOOD SPECIES TO BE APPLICABLE WITH THESE WINDOWS IS MIN. SELECT MAHOGANY, SOUTHERN PINE, PONDEROSA PINE, OAK, CHERRY, MAPLE, DOUGLAS FIR, TEAK, CYPRUS & ANY OTHER SELECT WOOD STRONGER THAN EASTERN PINE.



Approved as complying with the Florida Building Code  
 Date 02/13/05  
 NOAH 04-090202  
 Miami Dade Product Control Division  
 By *M. Khalil*

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 06/24/04
DATE	
BY	
REVISION DESCRIPTION	
NO.	

**10 FOOT WOOD OUTSWING IMPACT DOORS**

MANUFACTURER  
**SIGNATURE DOOR INC.**  
 401 JUNIATA STREET  
 ALTOONA, PA 16602  
 814-949-2770

CONSULTANTS  
**W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.**  
 8895 N. MILITARY TRAIL, SUITE C-204  
 PALM BEACH GARDENS, FL 33410  
 PHONE: 561-775-4902 FAX: 561-775-4903

DRAWING TITLE  
**10 FOOT WOOD OUTSWING IMPACT DOORS**

CERTIFICATION  
 DEC 21 2004  
 WARREN W. SCHAEFER, P.E.  
 P.C. NO. 44135

DRAWING NO. 1283	REV.
SHEET NO. 10	OF 10