



**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' Glazed Outswing Wood Door - Impact

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 Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

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-1and E-2, as well as approval document mentioned above. The submitted documentation was reviewed by **Manuel Perez, P.E.**



**NOA No 05-0407.02
Expiration Date: February 17, 2010
Approval Date: May 12, 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, dated 06/24/04, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.

B. TESTS (*Submitted under previous NOA # 04-0907.02*)

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 202-94
along 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 202-94
along 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 and 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 202-94
along 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.



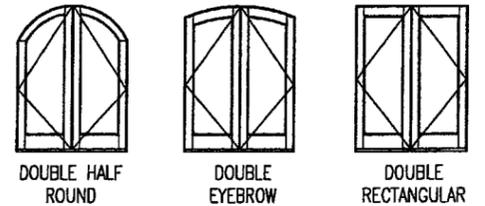
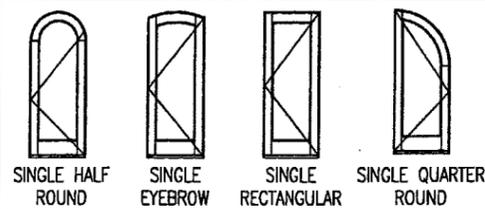
Manuel Perez, P.E.
Product Control Examiner
NOA No 05-0407.02

Expiration Date: February 17, 2010
Approval Date: May 12, 2005

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- C. **CALCULATIONS** (*Submitted under previous NOA # 04-0907.02*)
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).
- 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. (*Submitted under previous NOA # 04-0907.02*)
- G. **OTHER**
1. Notice of Acceptance No. **04-0907.02**, issued to Signature Door, Inc. for their 10' Glazed Outswing Wood Door, approved on 02/17/05 and expiring on 02/17/10.


Manuel Perez, P.E.
Product Control Examiner
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SHAPES CONSIDERED AS PART OF THIS APPROVAL

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

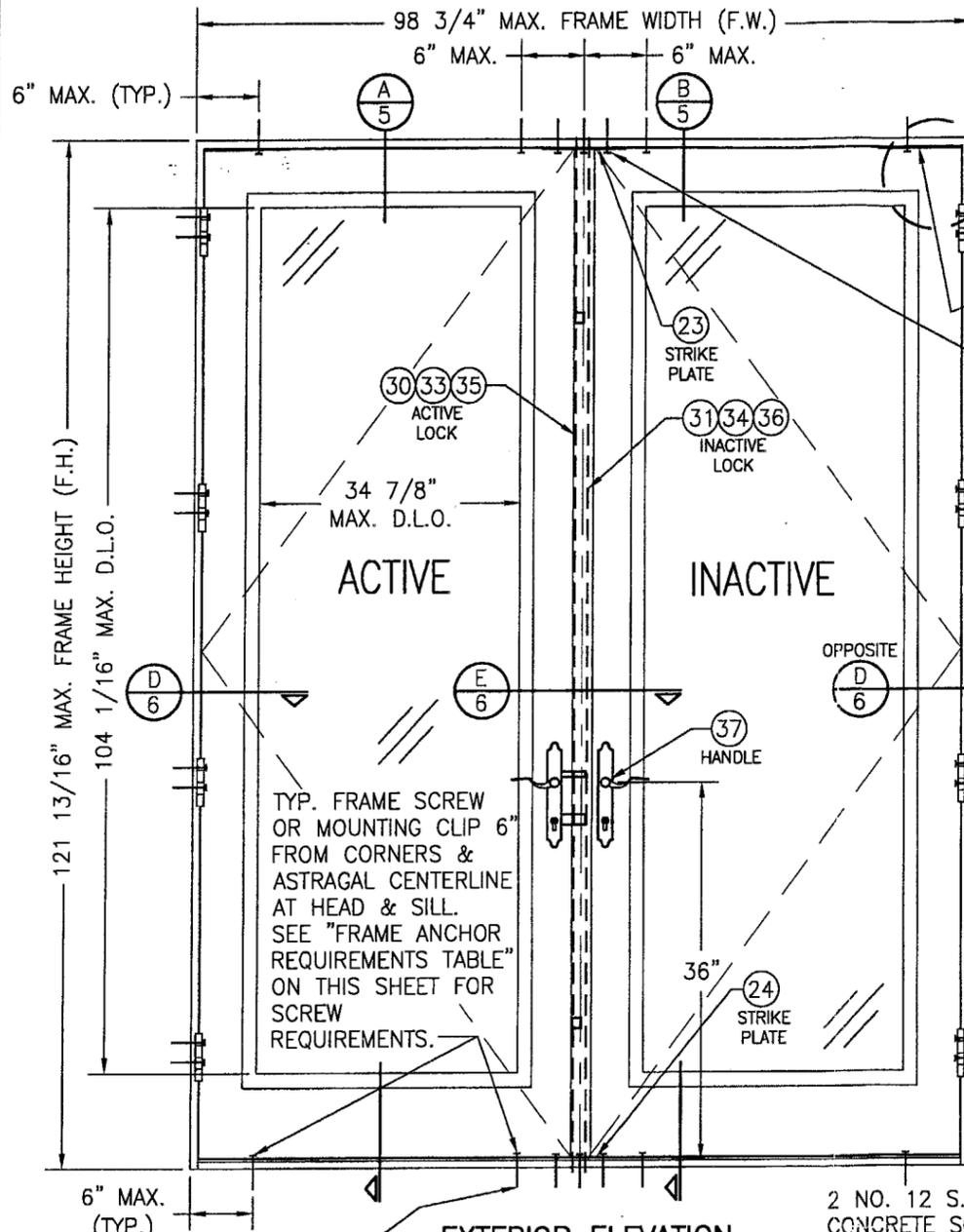
(1) +/-50 PSF

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

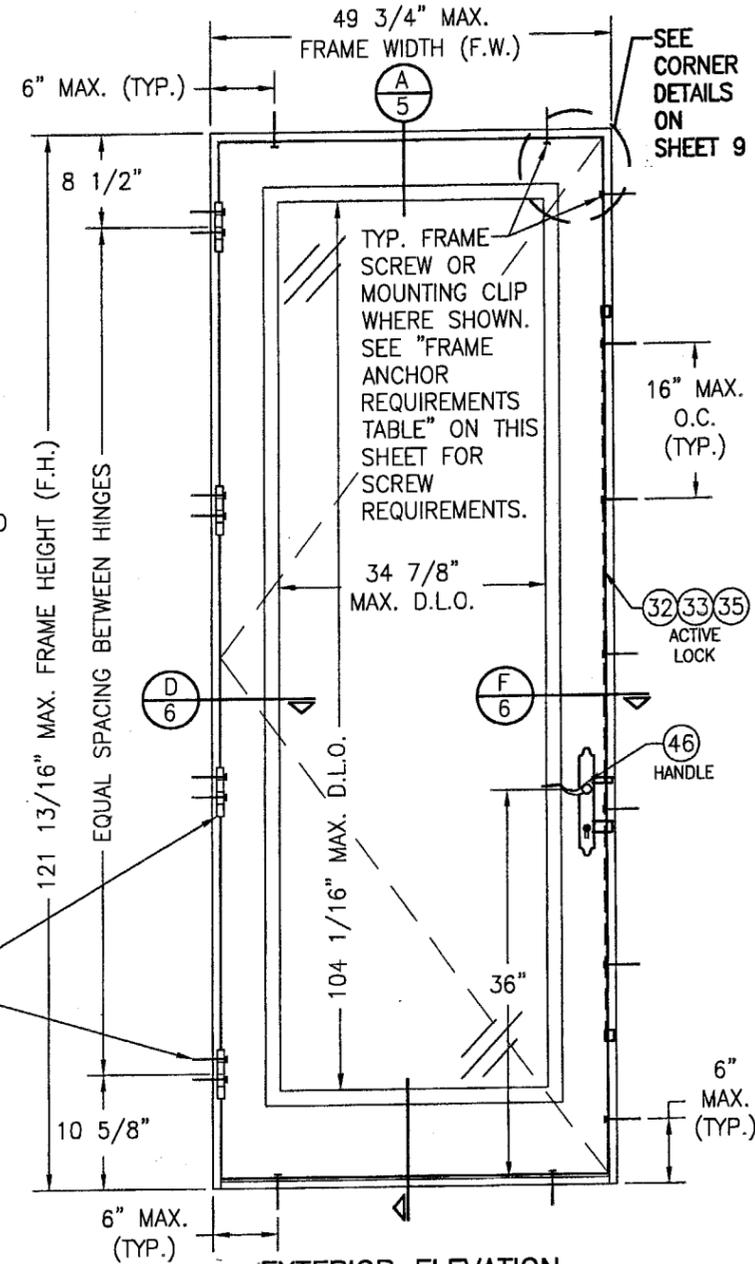
(1) POSITIVE PRESSURE NOTE: DOORS ARE APPROVED FOR WATER INFILTRATION RESISTANCE WHEN THE BUMPER THRESHOLD (ITEM 19) IS USED. WHEN THE "ADA" THRESHOLD IS USED, THESE DOORS ARE NOT APPROVED FOR WATER INFILTRATION RESISTANCE UNLESS THE UNITS ARE INSTALLED IN A NON-HABITABLE AREA WHERE THE UNIT AND THE 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.



**EXTERIOR ELEVATION
DOUBLE OUTSWING DOOR**
SCALE: 3/4"=1'-0"



**EXTERIOR ELEVATION
SINGLE OUTSWING DOOR**
SCALE: 3/4"=1'-0"

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.).

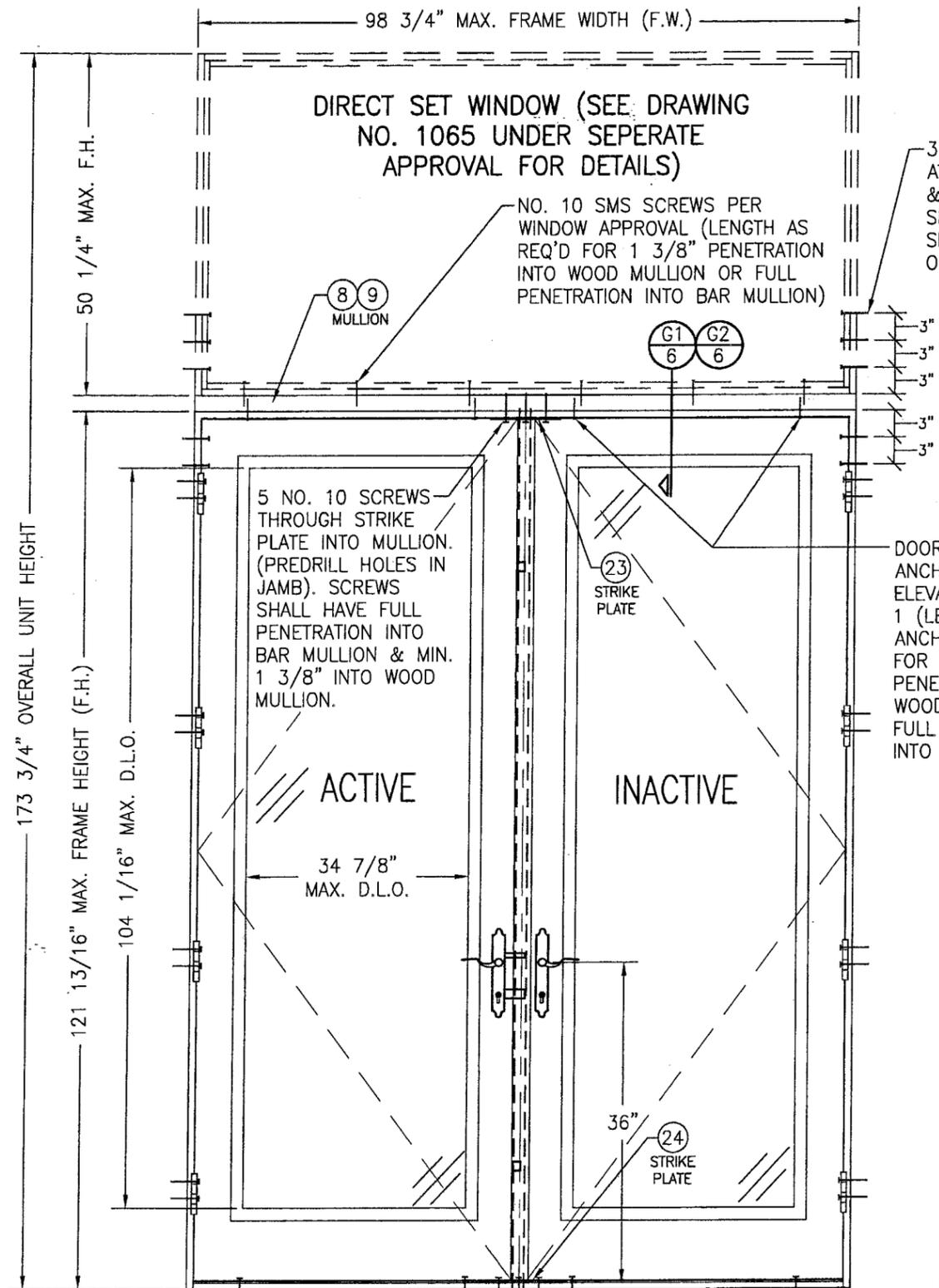
* ANCHOR NOTE: FRAME MAY BE EITHER DIRECT MOUNTED TO THE OPENING, MOUNTED ONTO A CONTINUOUS WOOD SPACER, OR ANCHORED TO A MIN. 2x4 NO. 2 SOUTHERN PINE WOOD BUCK. WHEN ANCHORED TO A 2x4 BUCK, MOUNTING CLIPS OR NO. 10 SHEAR SCREWS SHALL BE USED. WHEN DIRECT MOUNTED OR MOUNTED WITH SPACER, 3/16" CONCRETE 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.

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No. 05-0407.02
Expiration Date FEB 17, 2010
By *Manuel*
Miami Dade Product Control
Division

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1-16	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	DRAWING NO. REV.
CERTIFICATION APR 01 2005	1283
WARREN W. SCHAEFER, P.E. C.P.E. NO. 44135	SHEET NO. 1 OF 10



**EXTERIOR 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)

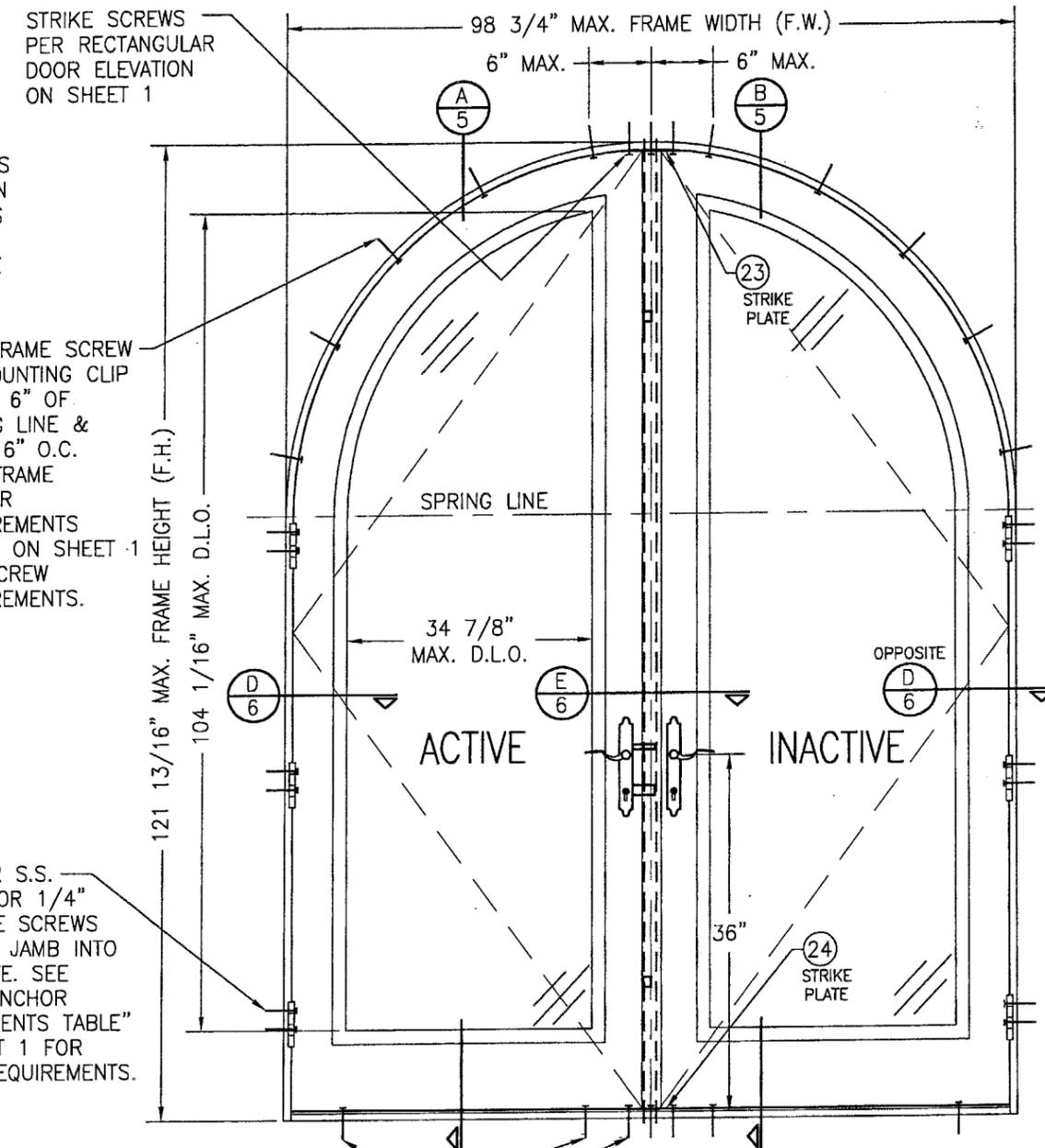
2 NO. 12 S.S. SCREWS OR 1/4" CONCRETE SCREWS THROUGH JAMB INTO SUBSTRATE. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR SCREW REQUIREMENTS.

SILL AND STRIKE PLATE ANCHORS PER ELEVATION ON SHEET 1

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.



**EXTERIOR ELEVATION
DOUBLE HALF ROUND DOOR**

SCALE: 3/4"=1'-0"

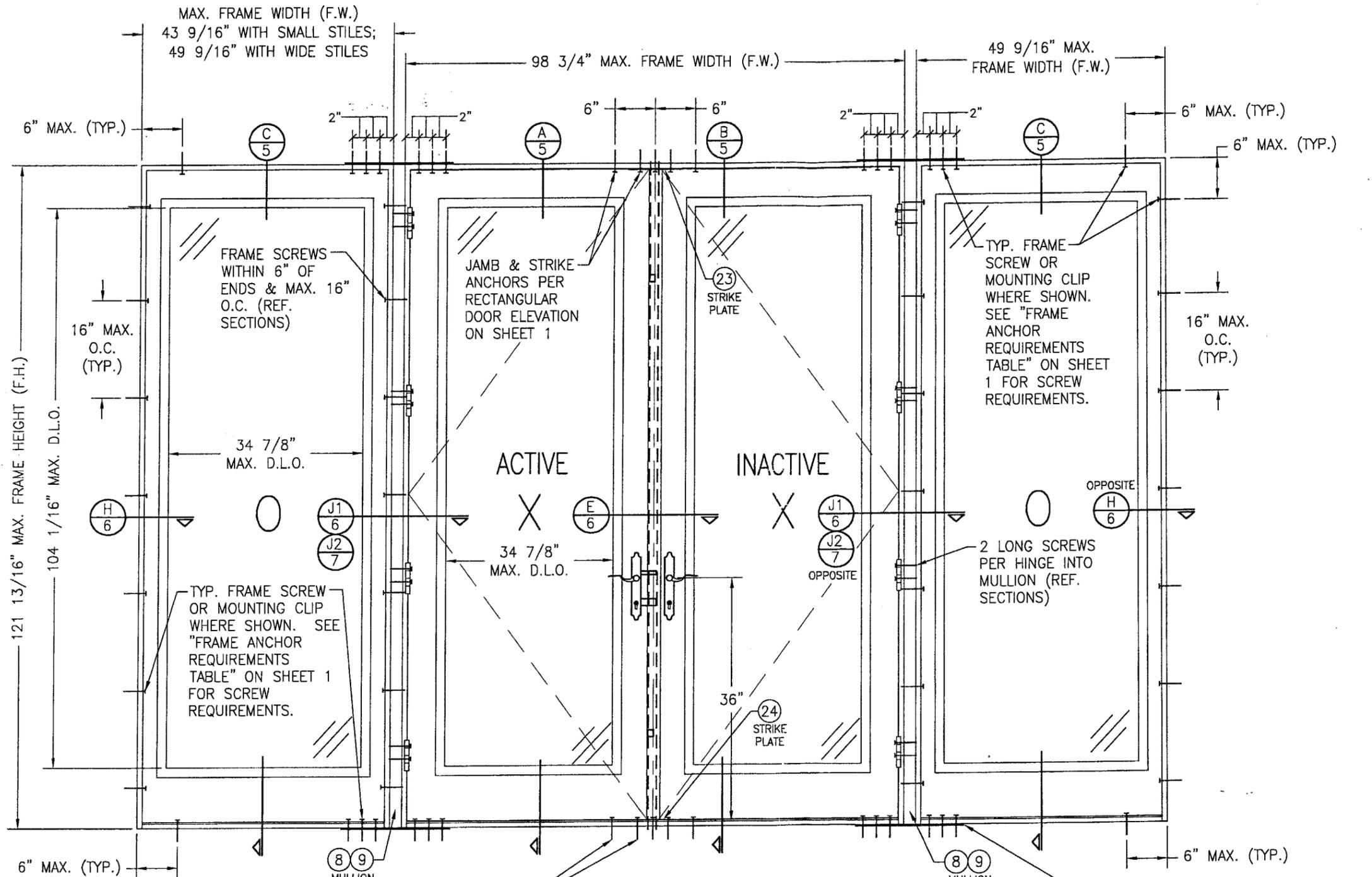
SEE DOUBLE DOOR ELEVATION ON SHEET 1 FOR DETAIL NOT SHOWN

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

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 05-0407.02 Expiration Date FEB. 17, 2010

By *Manuel Sosa* Miami Dade Product Control Division

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1-16	DATE: 06/24/04
DATE	
BY	
REVISION DESCRIPTION	
NO.	
DRAWING TITLE 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	
CERTIFICATION APR 01 2005	
WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1283	REV.
SHEET NO. 2	OF 10



**EXTERIOR ELEVATION
MULTIPLE OPERABLE/FIXED UNIT**
SCALE: 3/4"=1'-0"

(FOR ANY DETAIL NOT SHOWN, SEE ELEVATION ON SHEET 1)
NOTE: OXXO DOOR SHOWN. ALL OTHER 4-PANEL CONFIGURATIONS
OF SINGLE/DOUBLE DOORS & SIDELIGHTS ALSO APPLY.

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

(26)
REINFORCEMENT PLATE FASTENED TO
WOOD MULLION WITH 2 NO. 10 X 2"
SMS EACH END OR TO STEEL BAR
MULLION WITH 2 NO. 10 X 1" SMS
SCREWS THREADED INTO BAR END.
(REQUIRED ONLY WITH OPERABLE TO
OPERABLE MULLED CONDITION. NOT
REQUIRED WITH SIDELIGHT
CONDITION.)

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. **05-0407.02**
Expiration Date **FEB. 17, 2010**
By *Manuel Perez*
Miami Code Product Control
Division

SILL AND STRIKE
PLATE ANCHORS
PER ELEVATION ON
SHEET 1

MAX. FRAME WIDTH (F.W.)
43 9/16" WITH SMALL STILES;
49 9/16" WITH WIDE STILES

49 9/16" MAX.
FRAME WIDTH (F.W.)

98 3/4" MAX. FRAME WIDTH (F.W.)

121 13/16" MAX. FRAME HEIGHT (F.H.)

104 1/16" MAX. D.L.O.

16" MAX.
O.C. (TYP.)

34 7/8" MAX. D.L.O.

34 7/8" MAX. D.L.O.

36" (24) STRIKE PLATE

16" MAX.
O.C. (TYP.)

TYP. FRAME
SCREW OR
MOUNTING CLIP
WHERE SHOWN.
SEE "FRAME
ANCHOR
REQUIREMENTS
TABLE" ON SHEET
1 FOR SCREW
REQUIREMENTS.

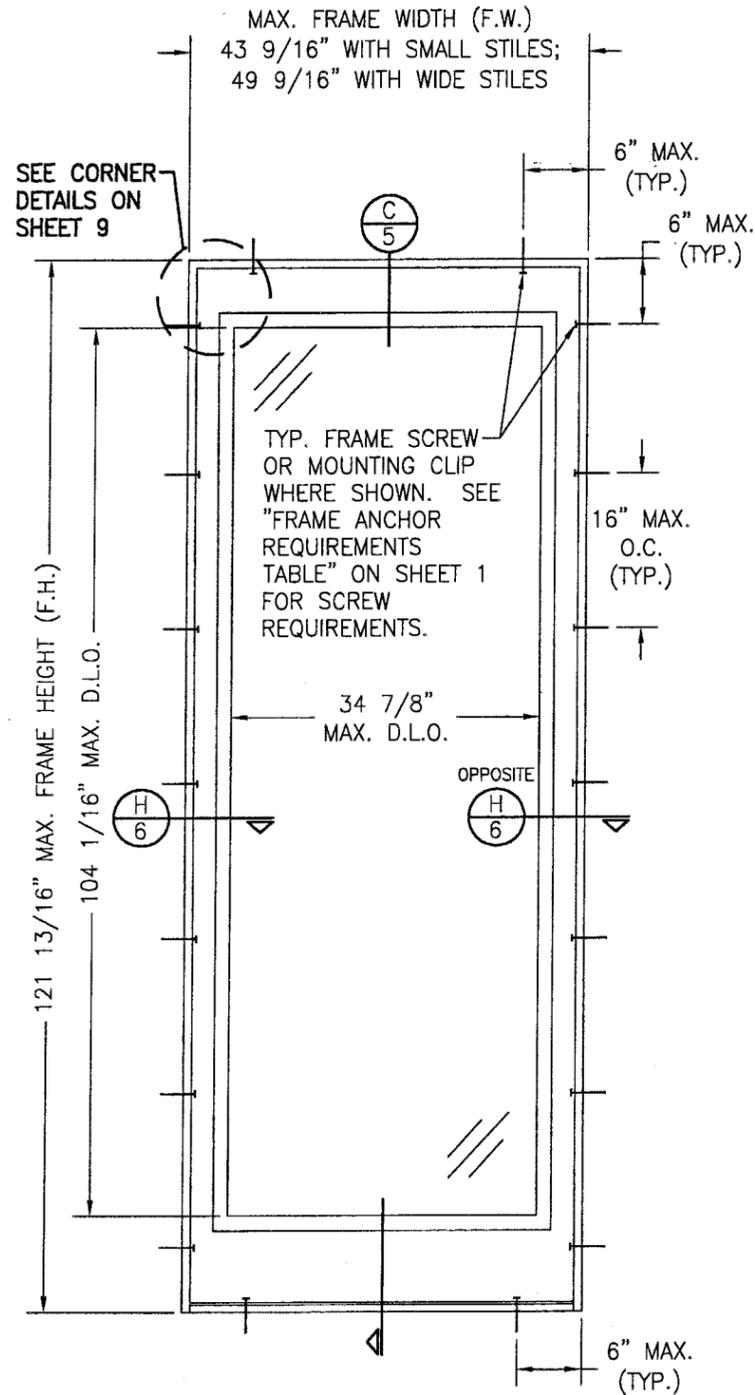
JAMB & STRIKE
ANCHORS PER
RECTANGULAR
DOOR ELEVATION
ON SHEET 1

FRAME SCREWS
WITHIN 6" OF
ENDS & MAX. 16"
O.C. (REF.
SECTIONS)

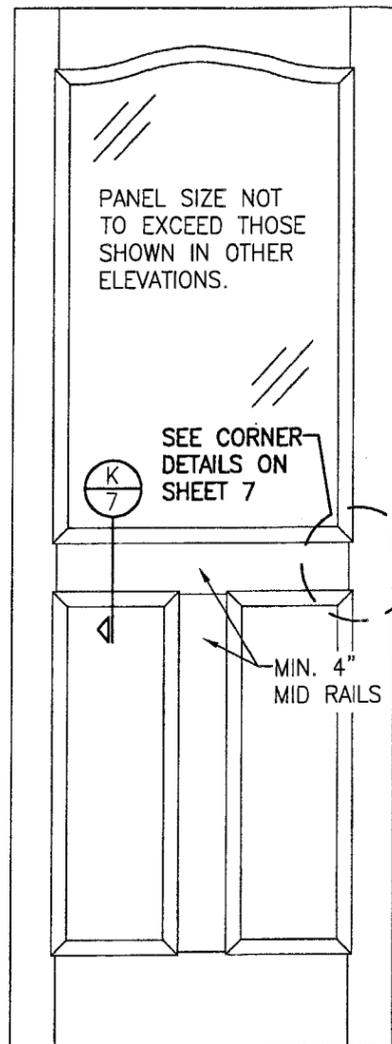
TYP. FRAME SCREW
OR MOUNTING CLIP
WHERE SHOWN. SEE
"FRAME ANCHOR
REQUIREMENTS
TABLE" ON SHEET 1
FOR SCREW
REQUIREMENTS.

2 LONG SCREWS
PER HINGE INTO
MULLION (REF.
SECTIONS)

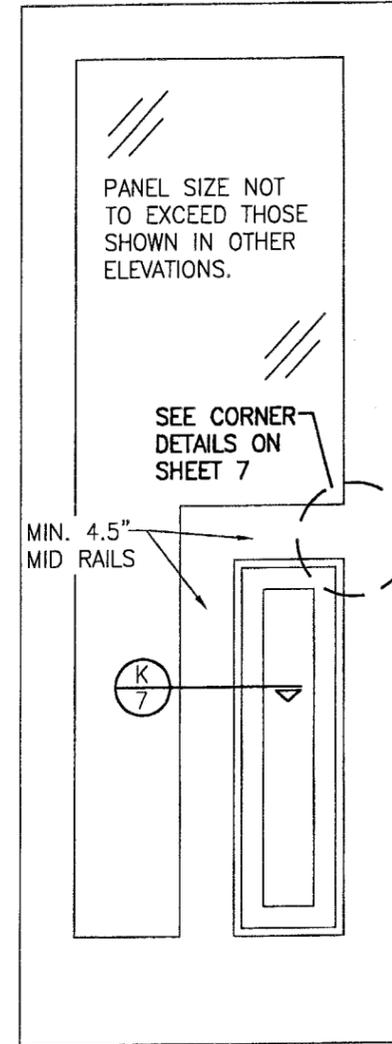
DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=16	DATE: 06/24/04
DATE	BY
REVISION DESCRIPTION	NO.
DRAWING TITLE 10 FOOT WOOD OUTSWING IMPACT DOORS	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903	MANUFACTURER SIGNATURE DOOR INC. 401 JUNIATA STREET ALTOONA, PA 16602 814-949-2770
CERTIFICATION APR 01 2005	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1283	REV.
SHEET NO. 3	OF 10



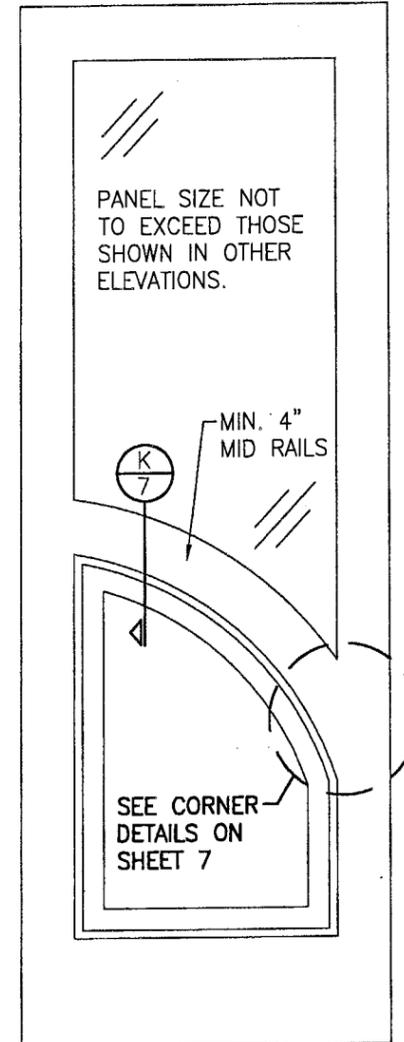
**EXTERIOR ELEVATION
SINGLE FIXED PANEL**
SCALE: 3/4"=1'-0"



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



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



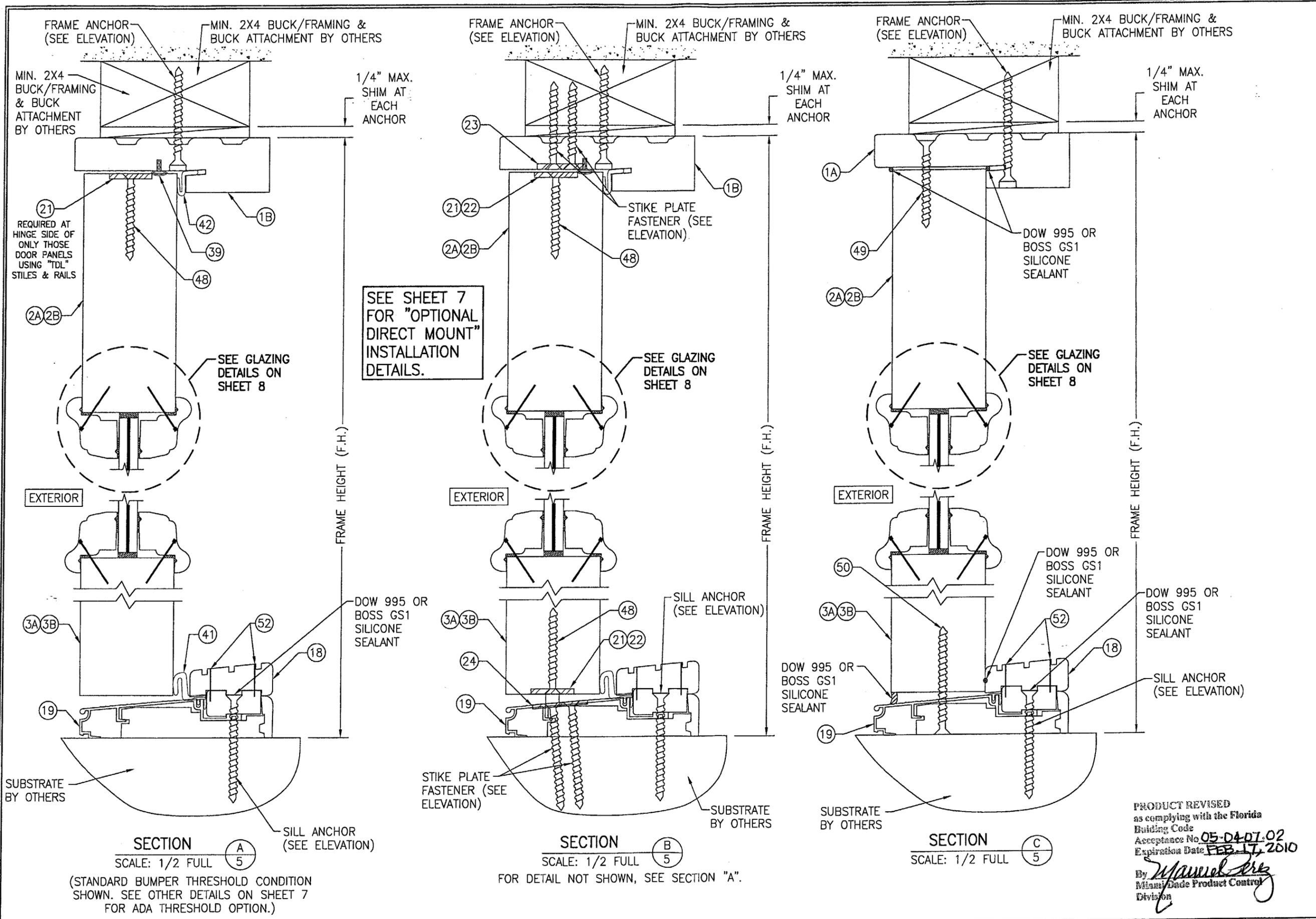
**EXTERIOR ELEVATION
SOLID RAISED PANEL WITH
ARCHED/SHAPED MID RAILS**
SCALE: 3/4"=1'-0"

- 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.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 05-0407.02
Expiration Date FEB 17, 2010

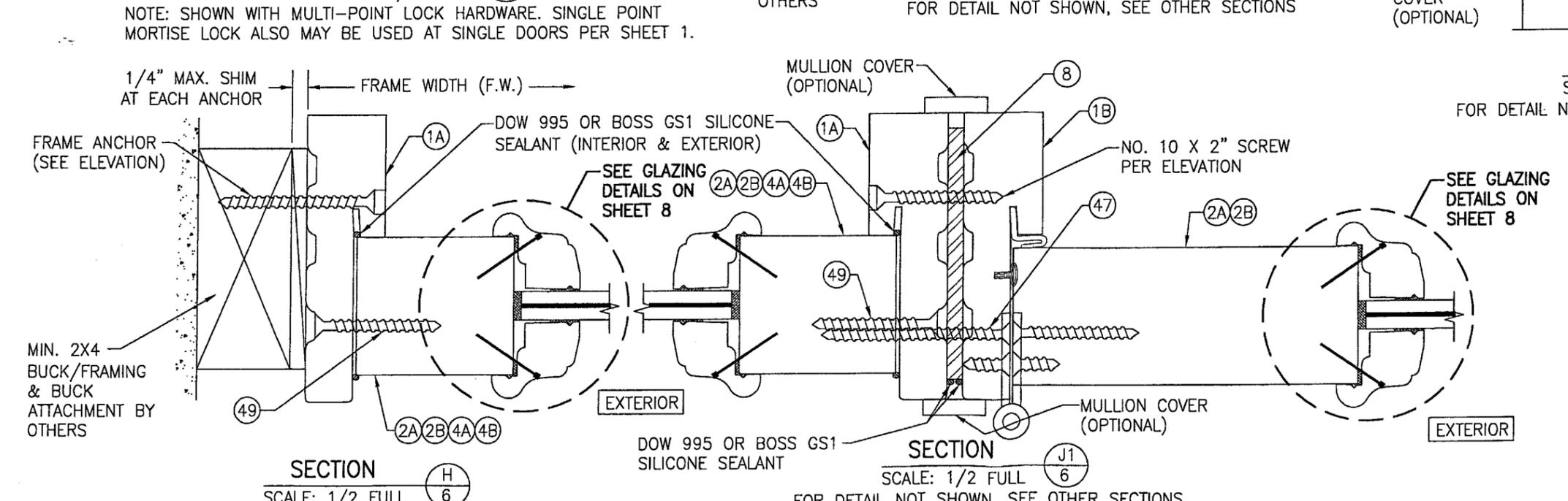
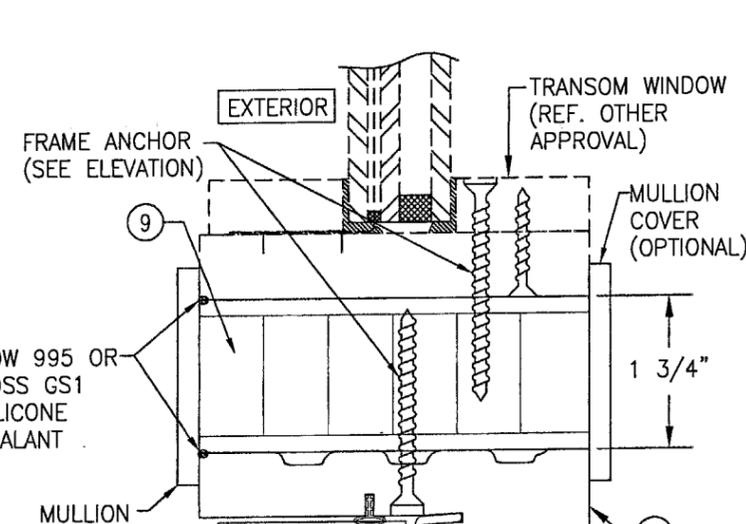
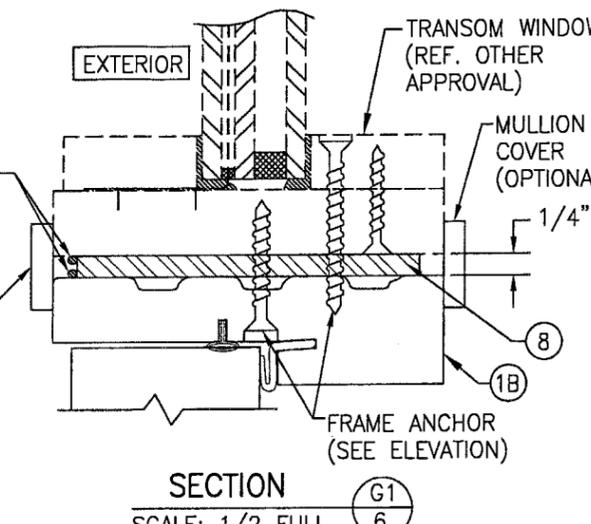
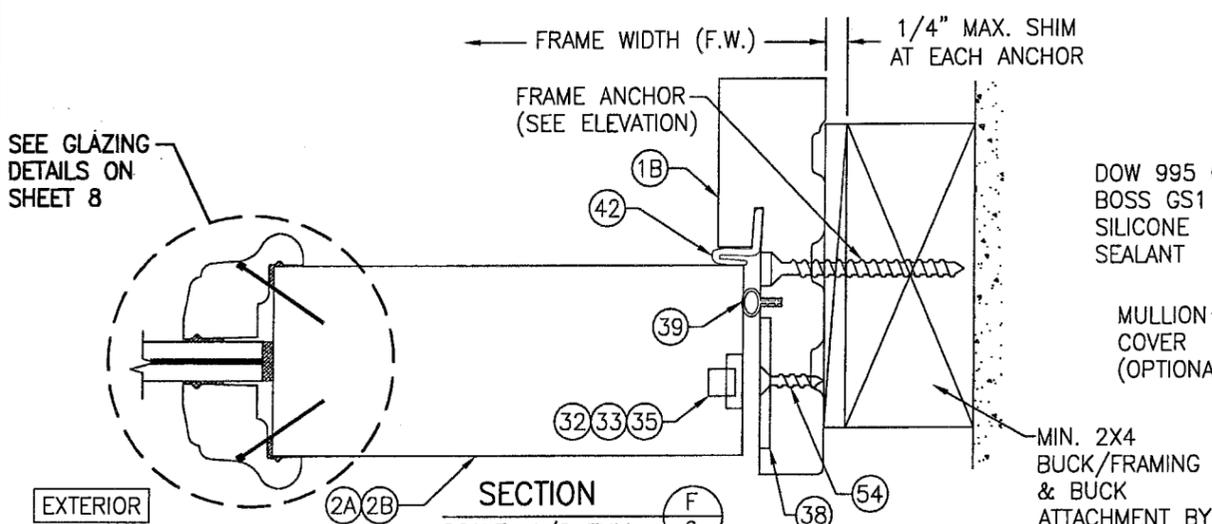
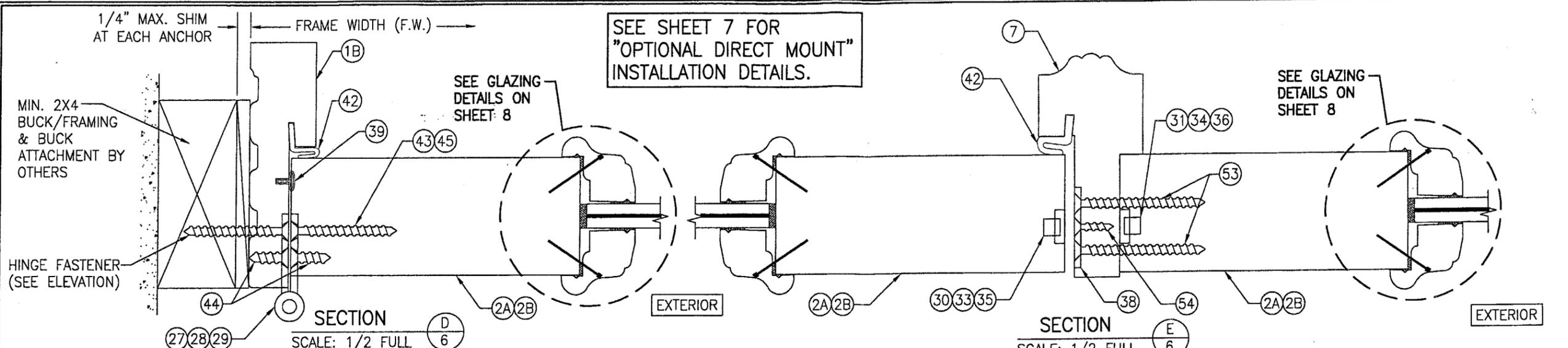
By *Manuel Cruz*
Miami Dade Product Control
Division

DRAWN BY: K.P.S.		CHECKED BY: W.W.S.	
PLOT: 1=18		DATE: 06/24/04	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE 10 FOOT WOOD OUTSWING IMPACT DOORS			
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		MANUFACTURER SIGNATURE DOOR INC. 401 JUNIATA STREET ALTOONA, PA 16602 814-949-2770	
CERTIFICATION APR 17 2005		WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1283		REV.	
SHEET NO. 4		OF 10	



DRAWN BY: K.P.S.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 06/24/04	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE			
10 FOOT WOOD OUTSWING IMPACT DOORS			
CONSULTANTS		MANUFACTURER	
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4802 FAX: 561-775-4903		SIGNATURE DOOR INC. 401 JUNIATA STREET ALTOONA, PA 16602 814-949-2770	
CERTIFICATION		WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
APR 01 2005			
DRAWING NO. 1283		REV. 5	
SHEET NO. 5		OF 10	

PRODUCT REVISED as complying with the Florida Building Code
 Acceptance No. 05-0407-02
 Expiration Date FEB 17, 2010
 By *Manuel Ariz*
 Miami Dade Product Control Division



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

SEE GLAZING DETAILS ON SHEET 8

1/4" MAX. SHIM AT EACH ANCHOR

FRAME WIDTH (F.W.)

1/4" MAX. SHIM AT EACH ANCHOR

FRAME ANCHOR (SEE ELEVATION)

TRANSOM WINDOW (REF. OTHER APPROVAL)

MULLION COVER (OPTIONAL)

FRAME ANCHOR (SEE ELEVATION)

TRANSOM WINDOW (REF. OTHER APPROVAL)

MULLION COVER (OPTIONAL)

MIN. 2x4 BUCK/FRAMING & BUCK ATTACHMENT BY OTHERS

SECTION G1

SCALE: 1/2 FULL

SECTION G2

SCALE: 1/2 FULL

FRAME ANCHOR (SEE ELEVATION)

DOW 995 OR BOSS GS1 SILICONE SEALANT (INTERIOR & EXTERIOR)

NO. 10 X 2" SCREW PER ELEVATION

SEE GLAZING DETAILS ON SHEET 8

SEE GLAZING DETAILS ON SHEET 8

MIN. 2x4 BUCK/FRAMING & BUCK ATTACHMENT BY OTHERS

DOW 995 OR BOSS GS1 SILICONE SEALANT

SECTION J1

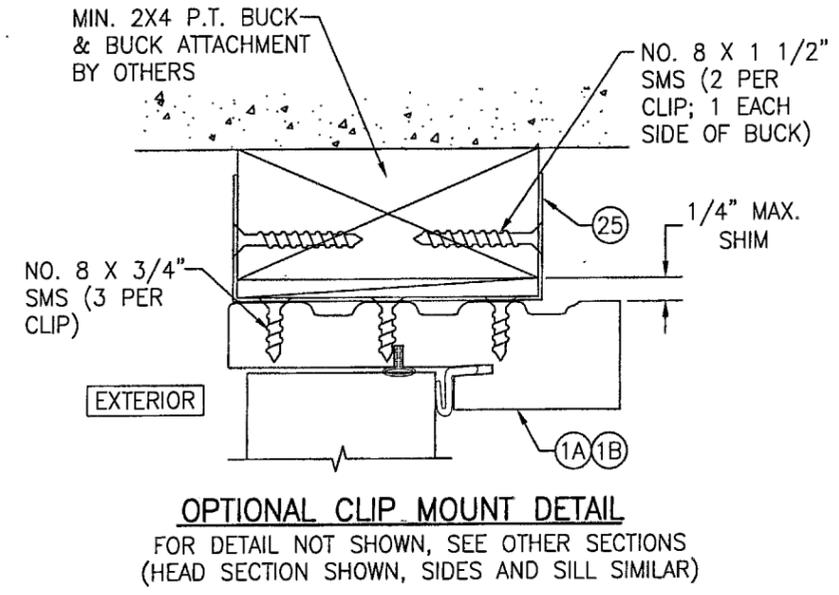
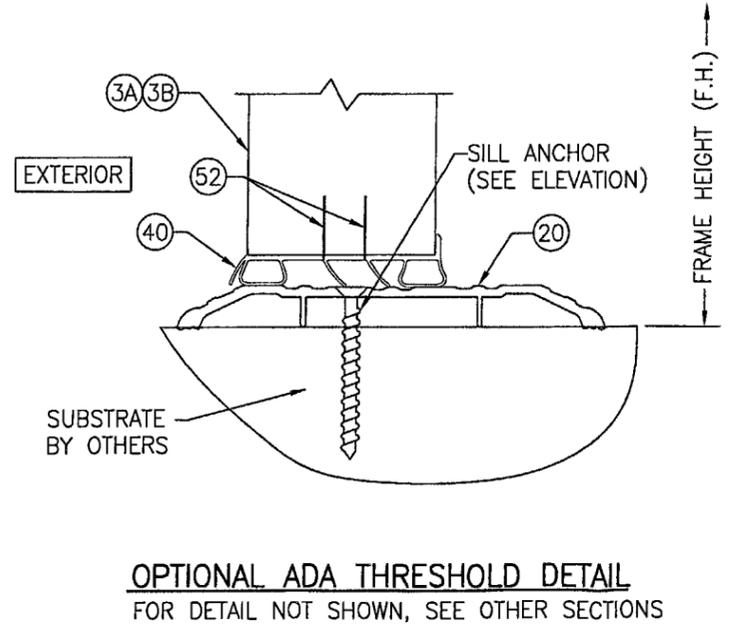
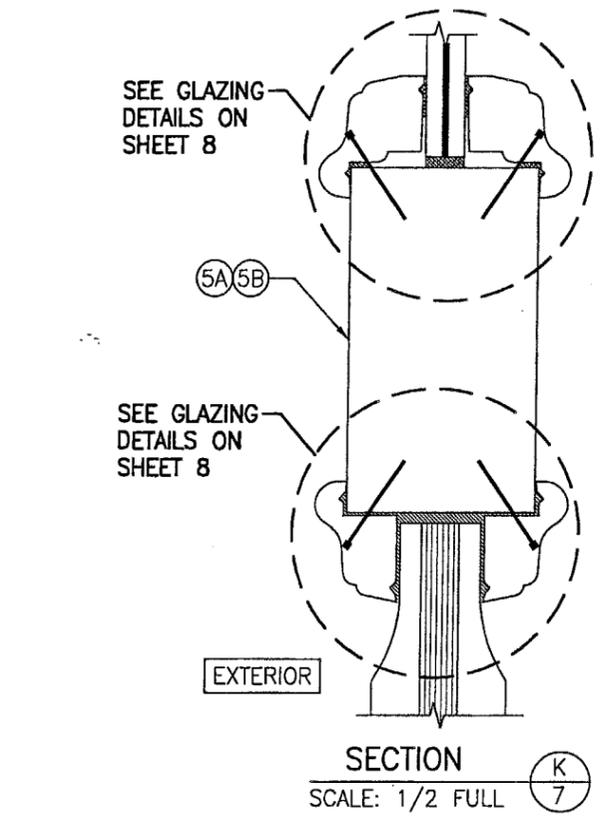
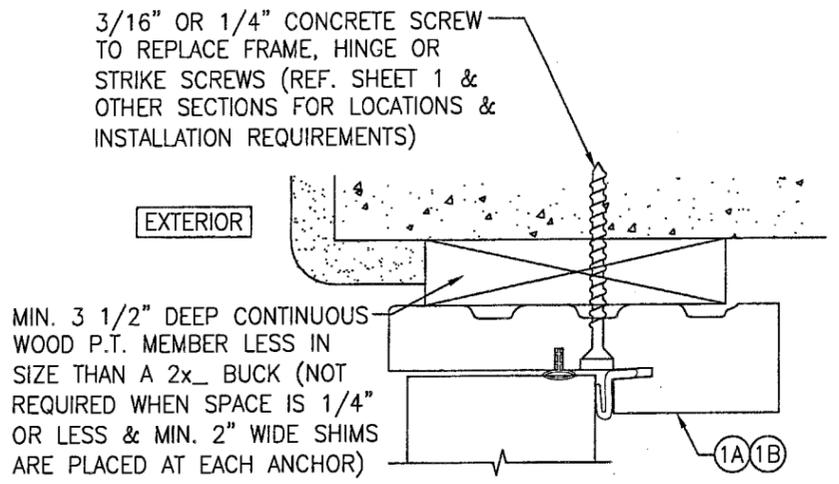
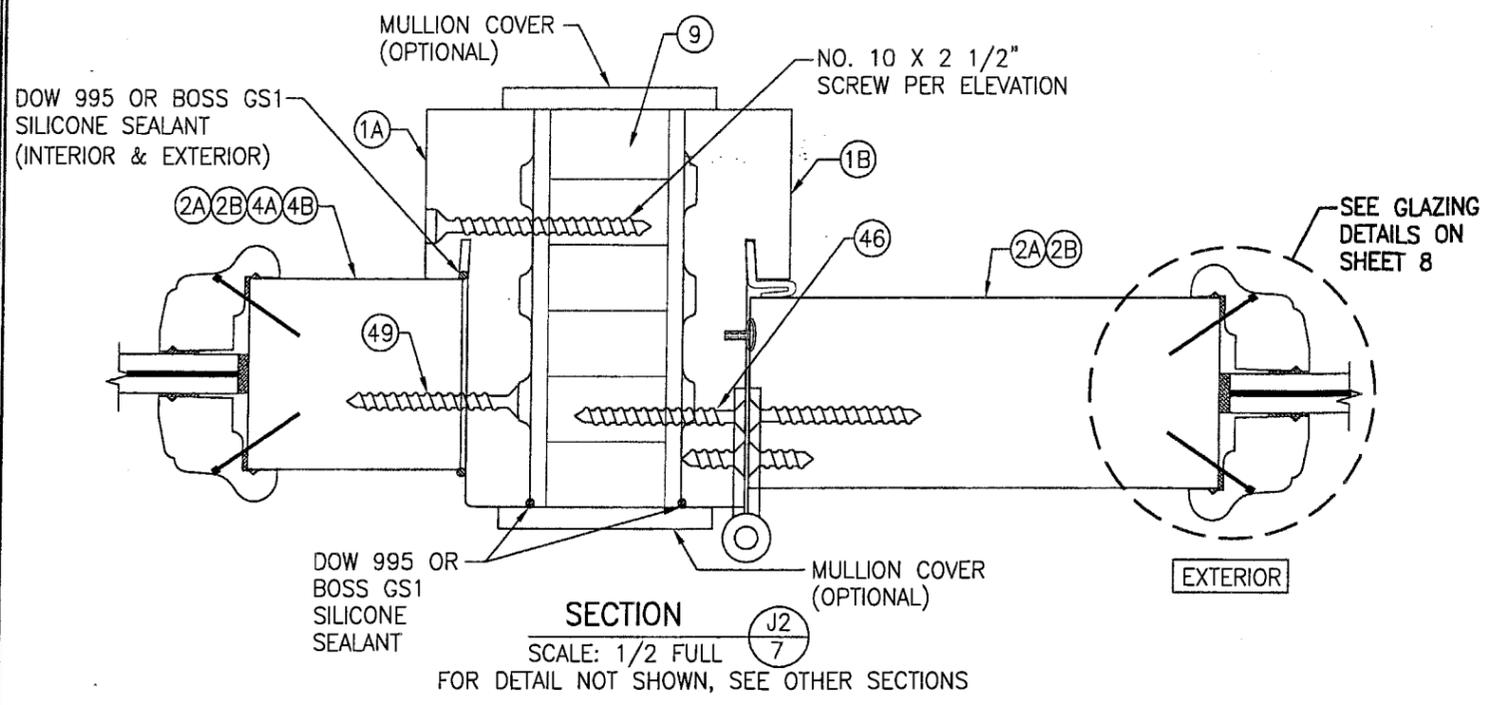
SCALE: 1/2 FULL

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 05-0407-02 Expiration Date FEB. 17, 2010

By: *Warren W. Schaefer* Miami Code Product Control Division

DRAWN BY: K.P.S.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 06/24/04	
NO.	REVISION	DESCRIPTION	DATE
DRAWING TITLE: 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			
CERTIFICATION: APR 01 2005			
WARREN W. SCHAEFER, P.E.			
DRAWING NO.	REV.	SHEET NO.	
1283		6 OF 10	

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 06/24/04
DATE	
BY	
REVISION DESCRIPTION	
NO.	
DRAWING TITLE 10 FOOT WOOD OUTSWING IMPACT DOORS	
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	MANUFACTURER SIGNATURE DOOR INC. 401 JUNIATA STREET ALTOONA, PA 16602 814-949-2770
CERTIFICATIONS APR 01 2005 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1283	REV.
SHEET NO. 7 OF 10	



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. **05-04-07.02**
 Expiration Date: **FEB. 17, 2010**
 By *Manuel Perez*
 Miami Dade Product Control
 Division

NO.	REVISION DESCRIPTION	DATE

10 FOOT WOOD OUTSWING IMPACT DOORS

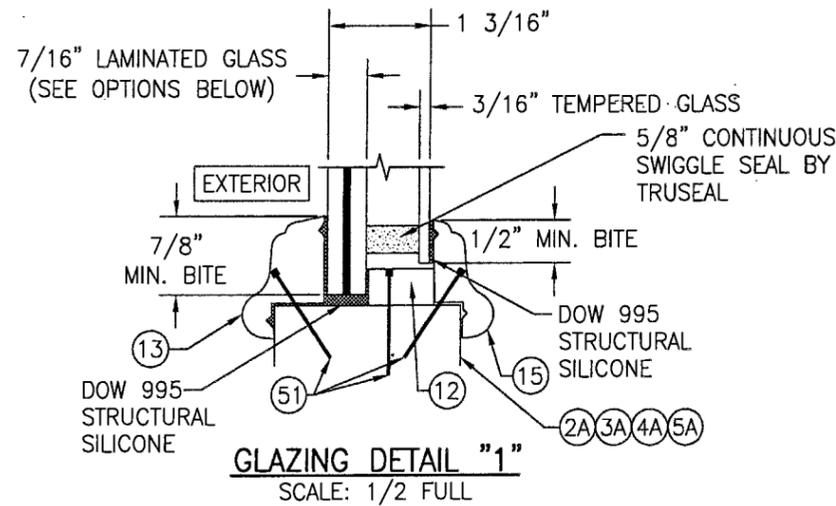
MANUFACTURER
SIGNATURE DOOR INC.
 401 JUNIATA STREET
 ALTOONA, PA 16602
 814-949-2770

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

CERTIFICATION
APR 01 2005

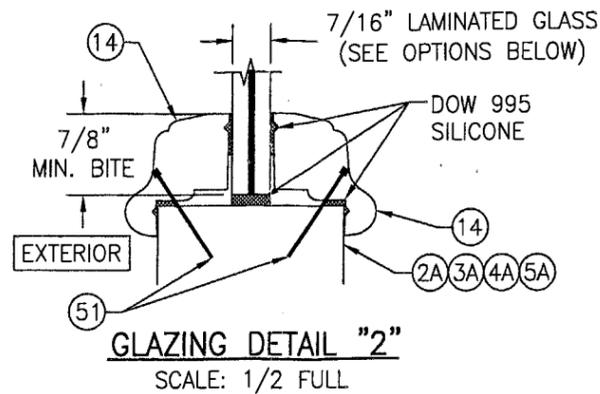
By *Manuel*
 Miami Trade Product Control
 Division

DRAWING NO. **1283**
 SHEET NO. **8** OF **10**



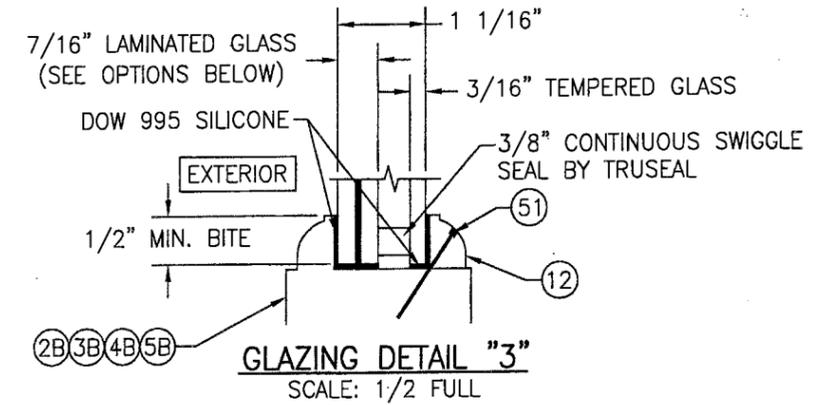
GLASS OPTION: 1) 7/16" THICK GLASSLAM SAFETY PLUS II LAMINATED OUTER GLASS (3/16" AN/0.10" POLYURETHANE POLYMER/3/16" AN); 3/16" TEMPERED SINGLE PANE INNER GLASS

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



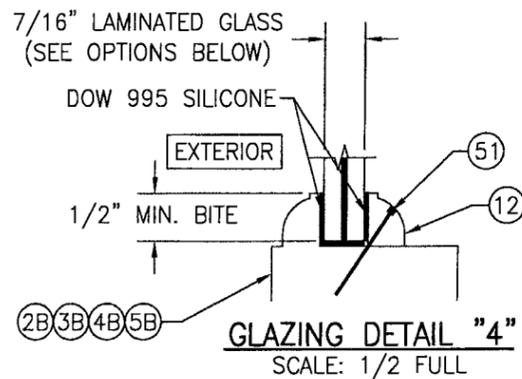
GLASS OPTION: 1) 7/16" THICK GLASSLAM SAFETY PLUS II LAMINATED GLASS (3/16" AN/0.10" POLYURETHANE POLYMER/3/16" AN)

2) 7/16" THICK OLDCASTLE STORMGLASS LAMINATED GLASS (3/16" AN/0.075" STORMGLASS/3/16" AN)



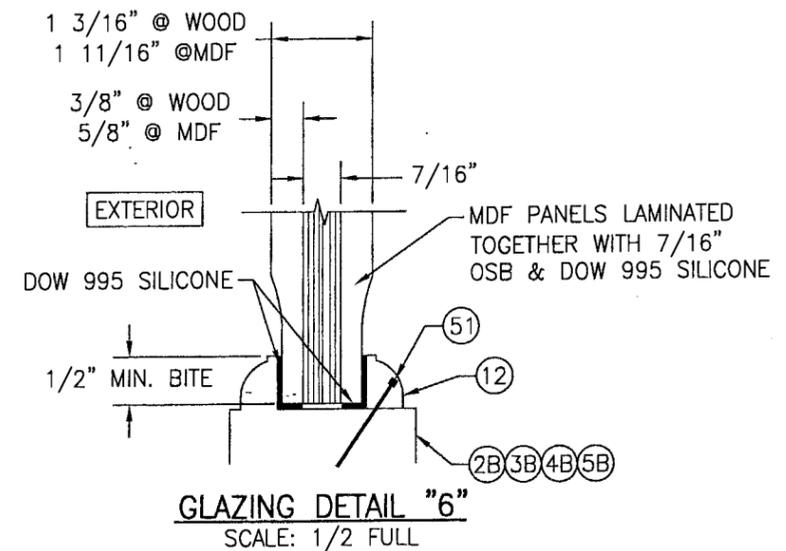
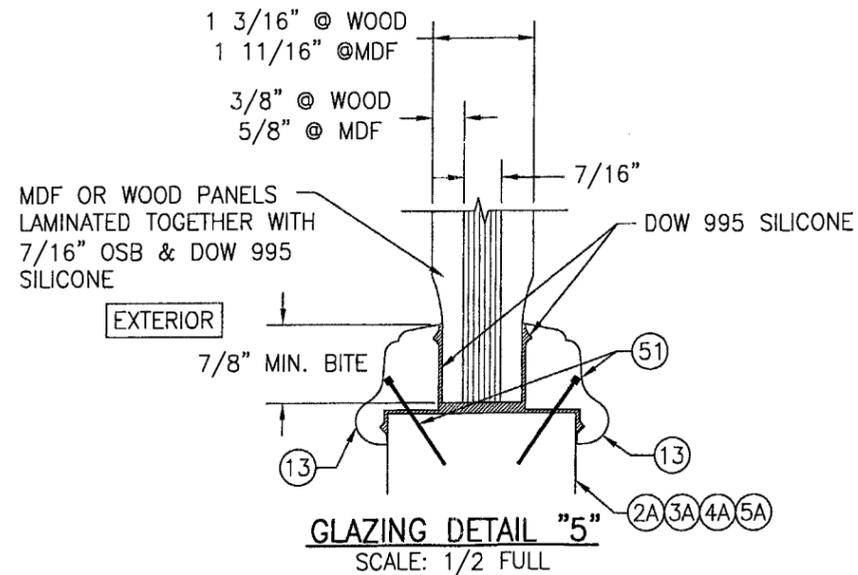
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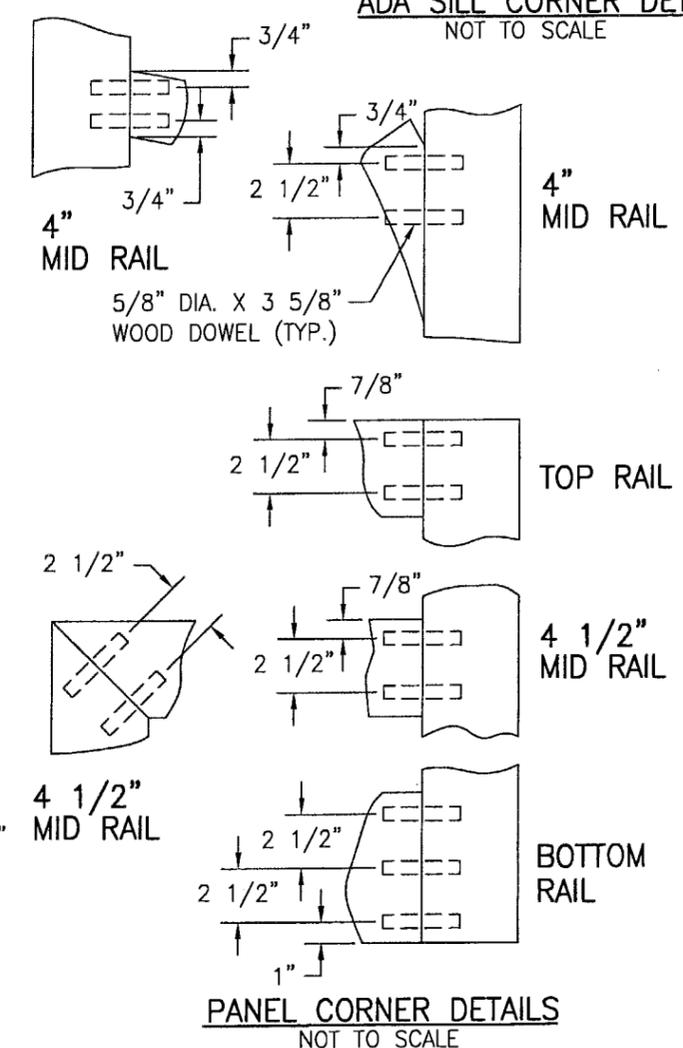
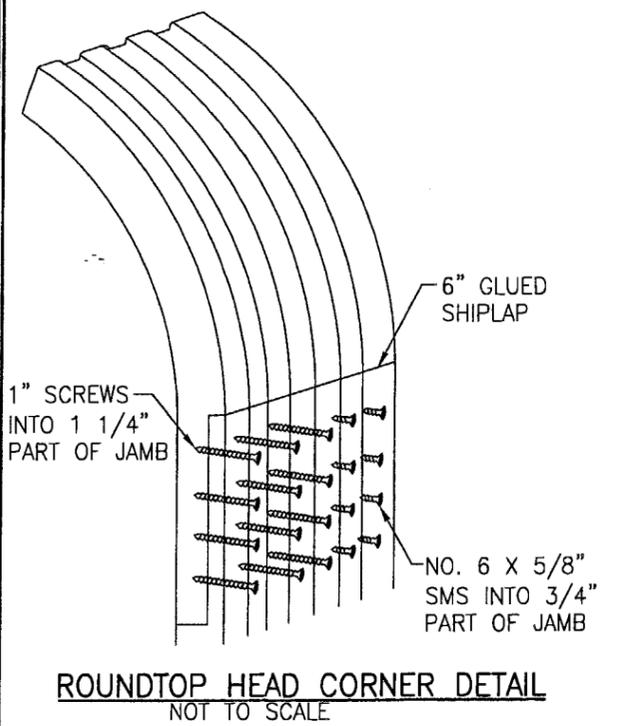
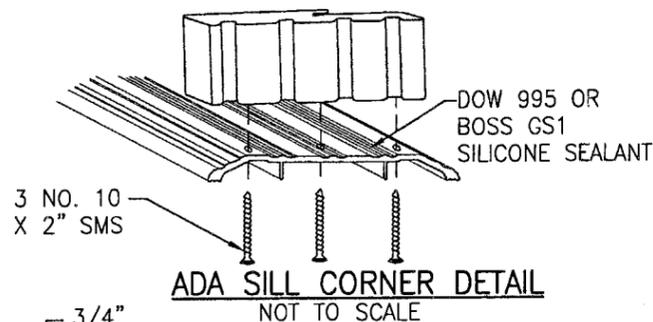
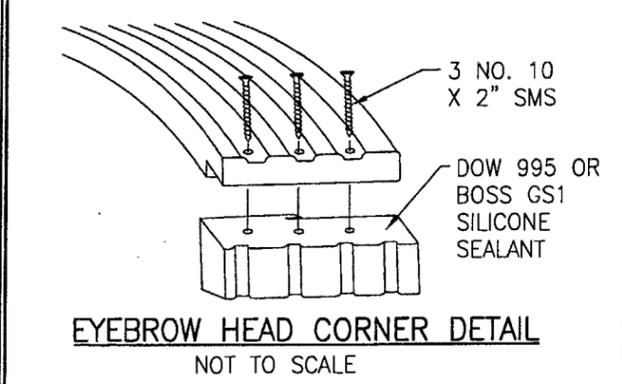
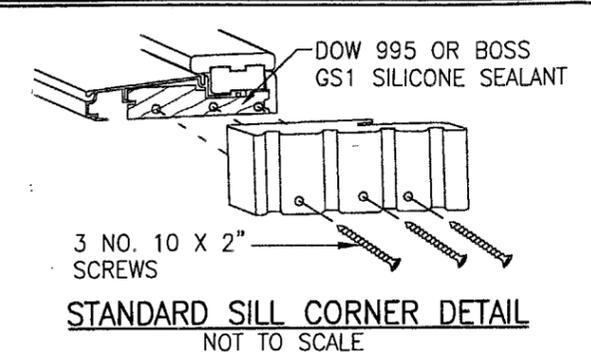
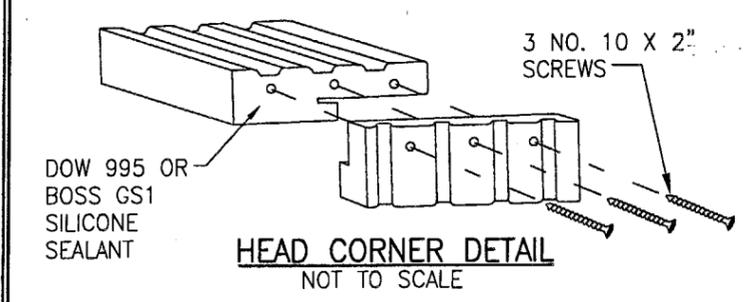


GLASS OPTION: 1) 7/16" THICK GLASSLAM SAFETY PLUS II LAMINATED GLASS (3/16" AN/0.10" POLYURETHANE POLYMER/3/16" AN)

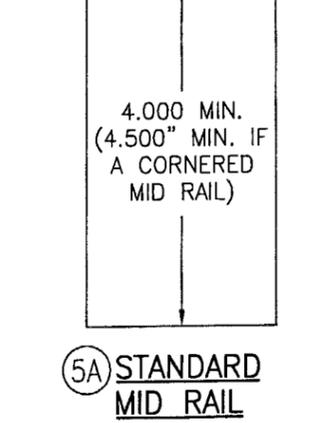
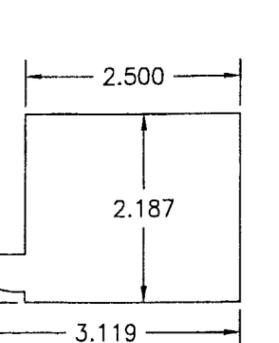
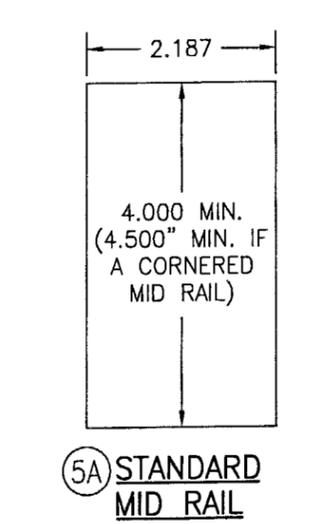
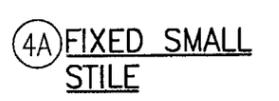
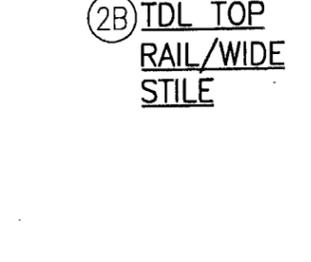
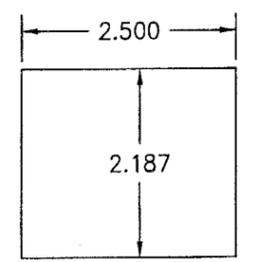
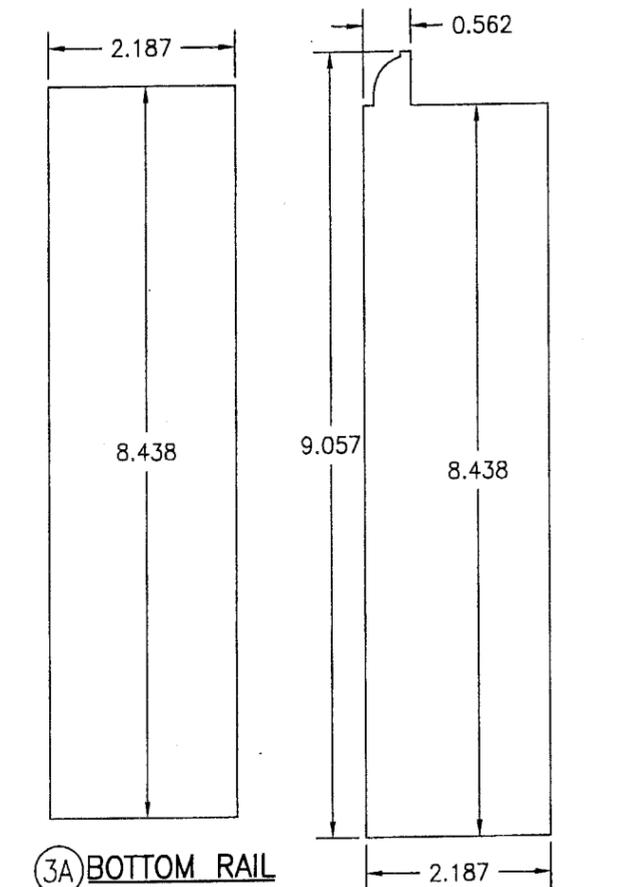
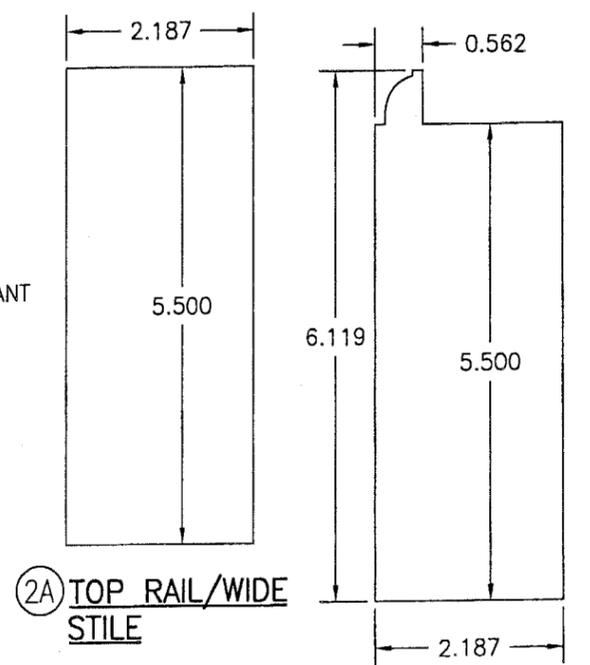
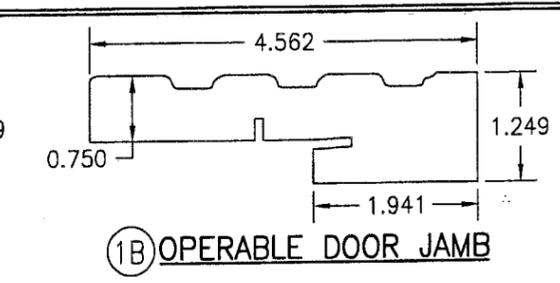
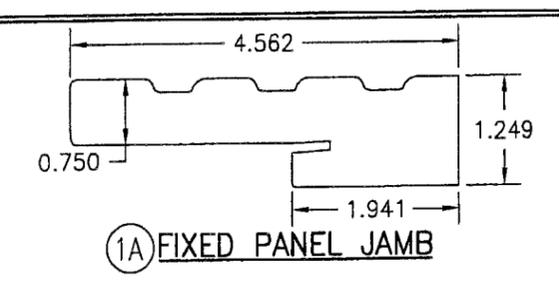
2) 7/16" THICK OLDCASTLE STORMGLASS LAMINATED GLASS (3/16" AN/0.075" STORMGLASS/3/16" AN)



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

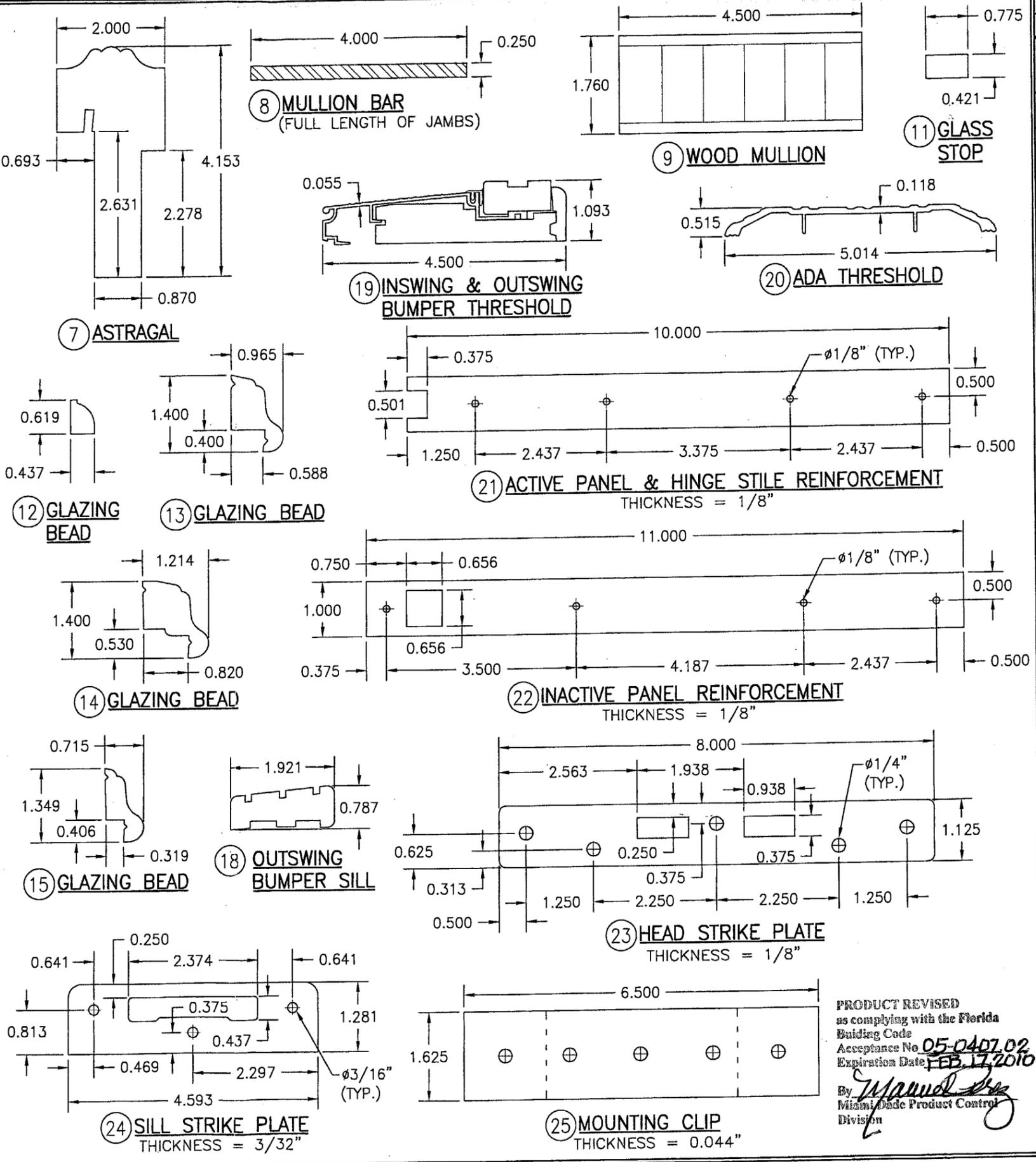


PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 05-0407.02 Expiration Date FEB. 11, 2010
By *Warren W. Schaefer*
Miami Code Product Control Division

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 06/24/04
NO.	REVISION DESCRIPTION
DATE	BY
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 <i>APR 9 2005</i>	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1283	REV.
SHEET NO. 9	OF 10

ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS		
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
HARDWARE		
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
SEALS AND SEALANTS		
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
MISC. FASTENERS		
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.



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PLOT: 1=2	DATE: 06/24/04
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CERTIFICATION APR 01 2005 WARREN W. SCHAEFER, P.E. P.E. NO. 44158	
DRAWING NO. 1283	REV.
SHEET NO. 10	OF 10

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No. **05-0407.02**
Expiration Date **FEB. 17, 2010**
By *[Signature]*
Miami Dade Product Control Division