



BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1107  
MIAMI, FLORIDA 33130-1563  
PH. (305) 375-2902 FAX (305) 372-6339

**NOTICE OF ACCEPTANCE (NOA)**

[www.miamidade.GOV/buildingcode](http://www.miamidade.GOV/buildingcode)

**Signature Door, Inc.**  
401 Juniata Street  
Altoona, 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:** Series "IMPACT" 10'0" Glazed Inswing Wood Door – L.M.I.

**APPROVAL DOCUMENT:** Drawing No. 1315, "10 Foot Wood Inswing Impact Doors", sheets 1 through 11 of 11, dated 06/28/04, with the latest revision "B1" dated 10/06/09, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P. E., bearing the Miami-Dade County Product Control Renewal 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.

**REVISION** 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 **renews** NOA No. 05-0901.13 and 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 **Jaime D. Gascon, P. E.**



*J. Gascon*  
2/19/10

NOA No. 09-1014.11  
Expiration Date: February 17, 2015  
Approval Date: March 03, 2010

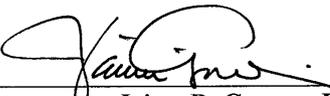
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No **1315**, "10 Foot Wood Inswing Impact Doors", sheets 1 through 11 of 11, dated 06/28/04, with the latest revision "**B1**" dated 10/06/09, prepared by W. W. Schaefer Engineering & Consulting, P.A., 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 202-94  
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.  
**(Submitted under previous NOA No. 05-0407.01)**
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. **HTL-0243-0516-04** (specimen # 4, 7) dated 03/17-5/26/04, signed and sealed by Vinu J. Abraham, P. E.  
**(Submitted under previous NOA No. 05-0407.01)**
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.  
**(Submitted under previous NOA No. 05-0407.01)**



Jaime D. Gascon, P. E.  
Chief, Product Control Division  
NOA No. 09-1014.11

Expiration Date: February 17, 2015  
Approval Date: March 03, 2010

Signature Door, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**B. TESTS (CONTINUED)**

4. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of inswing wood doors,  
prepared by Hurricane Test Laboratory, LLC, Test Report No. **HTL-0243-1201-04**  
(specimen # 2) dated 12/06-16/04, signed and sealed by Vinu J. Abraham, P. E.  
*(Submitted under previous NOA No. 05-0407.01)*

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-2007,  
prepared by W. W. Schaefer Engineering & Consulting, P.A., dated 10/05/09, signed  
and sealed by Warren W. Schaefer, P. E.  
**Complies with ASTM E1300-98**

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **08-0709.04** issued to Nebula Glass International dba  
Glasslam N.G.I., Inc. for their "**Safety-Plus II Laminated Glass**" dated 09/11/08,  
expiring on 08/07/13.
2. Notice of Acceptance No. **08-1118.07** issued to Oldcastle Glass Inc. for their  
"**StormGlass Glass Interlayer**", dated 03/05/09, expiring on 12/11/13.

**F. STATEMENTS**

1. Statement letter of conformance, dated October 05, 2009, signed and sealed by Warren  
W. Schaefer, P. E.
2. Statement letter of no financial interest, dated October 05, 2009, signed and sealed by  
Warren W. Schaefer, P. E.
3. Laboratory compliance letters for Test Report no.'s **HTL-0243-0319-04**,  
**HTL-0243-0516-04**, **HTL-0243-1013-03** and **HTL-0243-1201-04**, issued by  
Hurricane Test Laboratory, LLC., dated 10/22 to 24/03 and 03/17 to 05/26/04, all  
signed and sealed by Vinu J. Abraham, P. E.  
*(Submitted under NOA No. 04-0907.02)*

**G. OTHERS**

1. Notice of Acceptance No. **05-0901.13**, issued to Signature Door, Inc. for their Series  
"**10'0" Glazed Outswing Wood Door - L.M.I.**", approved on 12/22/05 and expiring on  
02/17/10.



Jaime D. Gascon, P. E.  
Chief, Product Control Division  
NOA No. 09-1014.11

Expiration Date: February 17, 2015  
Approval Date: March 03, 2010

**GENERAL NOTES:**

1. THESE DOOR SYSTEMS HAVE BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S)".
2. OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
3. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & SHALL NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
4. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH THE FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT DOORS.
5. THESE DOOR SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH AND MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ).
6. IMPACT SHUTTERS ARE NOT REQUIRED WITH THESE DOORS.
7. ALL ANCHORS SECURING DOOR FRAME TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
8. DETERMINE THE POSITIVE & NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, A DIRECTIONALITY FACTOR OF  $K_d = 0.85$  MAY BE APPLIED PER THE ASCE-7 STANDARD.
9. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE CERTIFICATION OF THIS PRODUCT. WIND LOAD DURATION FACTOR  $C_d = 1.6$  WAS USED FOR WOOD SCREW ANALYSIS ONLY.
10. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE CHAPTER 20.
11. ALL WOOD MEMBERS OF DOORS THAT MAY POSSIBLY COME INTO CONTACT WITH MASONRY OR CONCRETE SUBSTRATES, ARE SUBJECT TO MOISTURE &/OR ARE SUBJECT TO THE OUTSIDE ENVIRONMENT SHALL BE OF AN APPROVED DURABLE SPECIES OR BE TREATED IN AN APPROVED METHOD WITH AN APPROVED PRESERVATIVE PER FBC SECTION 2326.

POSITIVE PRESSURE NOTE: 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.

**ALLOWABLE DESIGN PRESSURE (DOUBLE DOORS)**

MAXIMUM FRAME WIDTH (IN.)	MAXIMUM FRAME HEIGHT (IN.)	DESIGN PRESSURE	
		POSITIVE (PSF)	NEGATIVE (PSF)
98.75	121.75	50.0	50.0
	110	55.3	55.3
	98	62.1	62.1
93	121.75	53.1	53.1
	110	58.8	58.8
	98	65.0	66.0
87	121.75	56.8	56.8
	110	62.8	62.8
	98	65.0	70.5
81	121.75	61.0	61.0
	110	65.0	67.5
	98	65.0	75.7
74.25	121.75	65.0	66.5
	110	65.0	73.6
	98	65.0	80.0
68	121.75	65.0	72.6
	110	65.0	80.0
62	121.75	65.0	79.6

**ALLOWABLE DESIGN PRESSURE (SINGLE DOORS)**

MAXIMUM FRAME WIDTH (IN.)	MAXIMUM FRAME HEIGHT (IN.)	DESIGN PRESSURE	
		POSITIVE (PSF)	NEGATIVE (PSF)
49.75	121.75	50.0	50.0
	110	55.3	55.3
	98	60.4	60.4
47	121.75	52.9	52.9
	110	58.6	58.6
	98	63.2	63.9
44	121.75	56.5	56.5
	110	62.6	62.6
	98	65.0	68.3
41	121.75	60.7	60.7
	110	65.0	67.2
	98	65.0	73.3
37.5	121.75	65.0	66.3
	110	65.0	73.4
	98	65.0	80.0
35	121.75	65.0	71.1
	110	65.0	78.7
31	121.75	65.0	80.0

**ALLOWABLE DESIGN PRESSURE (TRANSOM MULLION)**

MAXIMUM FRAME WIDTH (IN.)	MAXIMUM OVERALL HEIGHT (IN.)	DESIGN PRESSURE	
		POSITIVE (PSF)	NEGATIVE (PSF)
98.75	173.75	50.0	50.0
	162	53.6	53.6
	150	57.9	57.9
	138	63.0	63.0
	126	65.0	68.9
	114	65.0	76.2
93	173.75	53.1	53.1
	162	56.9	56.9
	150	61.5	61.5
	138	65.0	66.8
	126	65.0	73.2
	114	65.0	80.0
87	173.75	56.8	56.8
	162	60.9	60.9
	150	65.0	65.7
	138	65.0	71.5
	126	65.0	78.3
	114	65.0	80.0
81	173.75	61.0	61.0
	162	65.0	65.4
	150	65.0	70.6
	138	65.0	76.7
	126	65.0	80.0
	114	65.0	80.0
74.25	173.75	65.0	66.5
	162	65.0	71.3
	150	65.0	77.0
	138	65.0	80.0

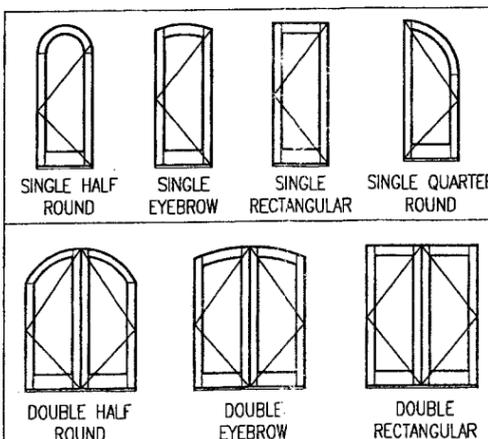
**ALLOWABLE DESIGN PRESSURE (VERTICAL MULLION)**

AS CONTROLLED BY DOOR PRESSURE TABLES

**FRAME ANCHOR REQUIREMENTS TABLE**

OPENING TYPE (SUBSTRATE)	FRAME/HINGE/STRIKE/CLIP TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
<b>FRAME SCREWS</b>			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 10 SMS OR WOOD SCREW	1 1/4"	3/4"
MIN. C-90 CMU	(1) 1/4" CONCRETE SCREW	1 1/4"	2"
MIN. 2500 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 1/2"	2"
<b>HINGE SCREWS</b>			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 12 SMS OR WOOD SCREW	1 1/4"	3/4"
MIN. C-90 CMU	(1) 1/4" CONCRETE SCREW	1 1/4"	2"
MIN. 2500 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 1/2"	2"
<b>STRIKE SCREWS</b>			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 10 SMS OR WOOD SCREW	1 1/4"	3/4"
MIN. C-90 CMU	(1) 3/16" CONCRETE SCREW	1 1/4"	2"
MIN. 2500 PSI CONCRETE	(1) 3/16" CONCRETE SCREW	1 1/2"	2"
<b>MOUNTING CLIP SCREWS</b>			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 8 SMS SCREW	1 3/8"	1/2"

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



SHAPES CONSIDERED AS PART OF THIS APPROVAL

**HINGE REQUIREMENTS**

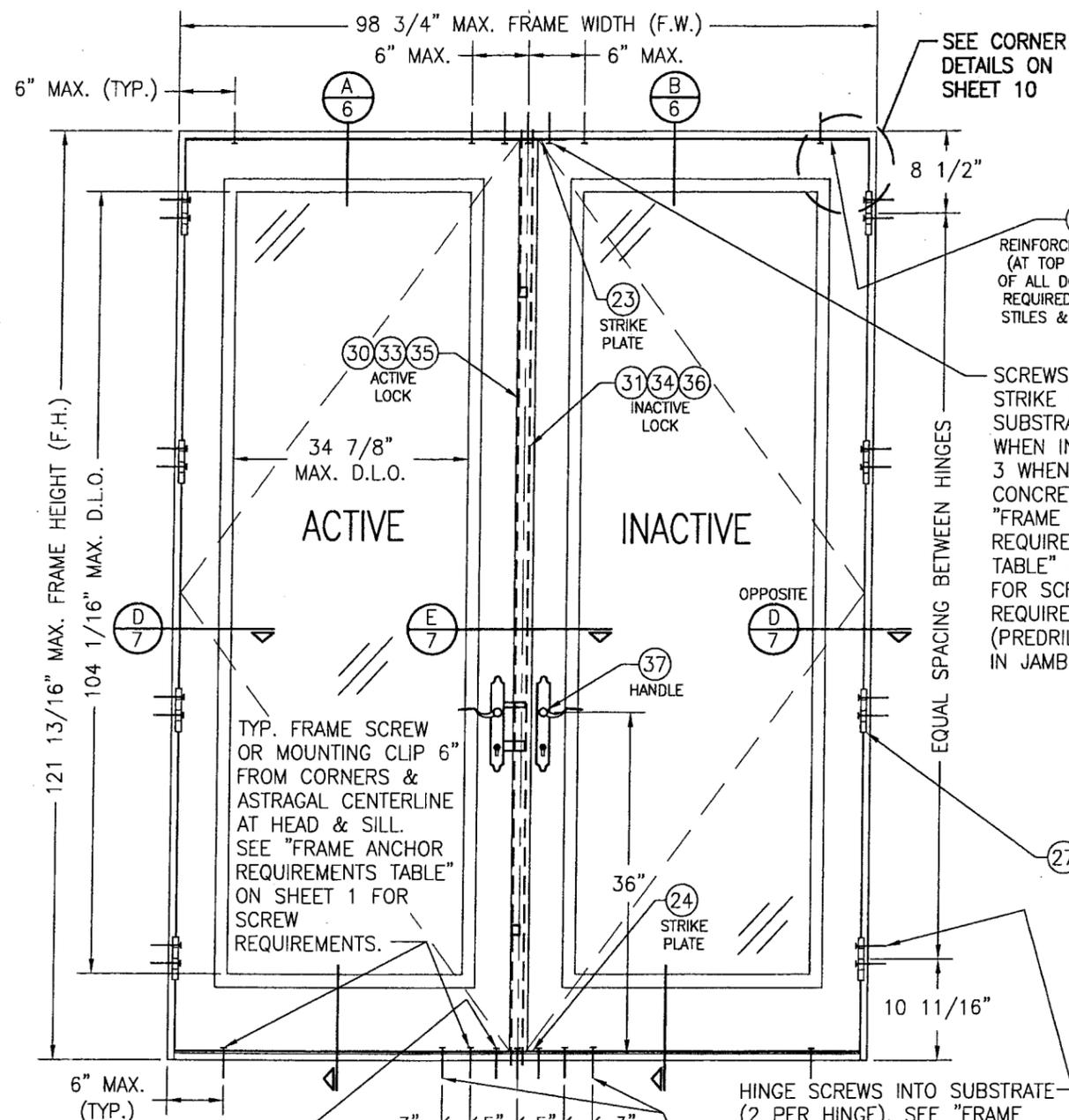
MAXIMUM DOOR FRAME HEIGHT	# HINGES REQUIRED	
	PANEL WIDTH 36" & LESS	PANEL WIDTH GREATER THAN 36"
82"	3	3
98"	(1) 4	(1) 4
122"	4	(1) 5

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

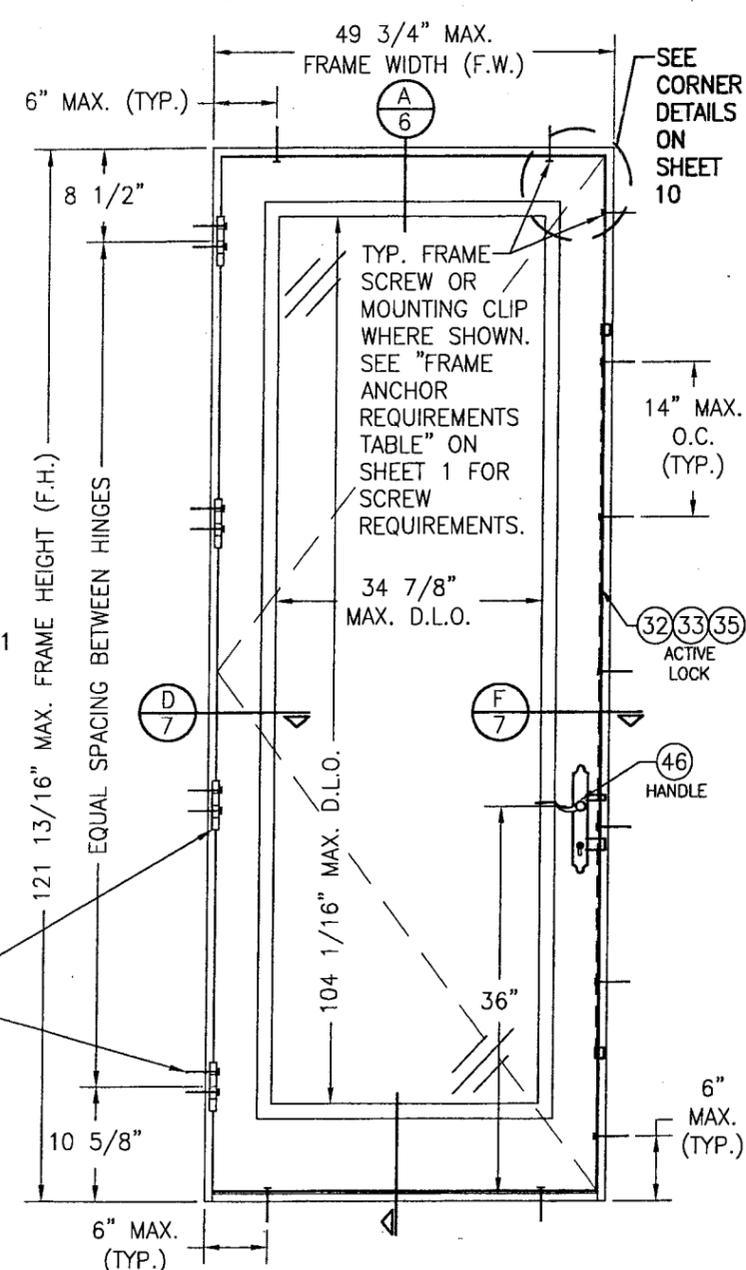
**NOTE:**  
WITH MULLED UNITS, ALLOWABLE PRESSURE FOR THE OVERALL UNIT SHALL BE THE LESSER OF THE ALLOWABLE PRESSURE FOR THE INDIVIDUAL DOORS AND MULLION.

**PRODUCT RENEWED**  
as complying with the Florida Building Code  
Acceptance No 09-014-11  
Expiration Date 02/17/2015  
By [Signature]  
Miami Dade Product Control Division

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=16	DATE: 06/28/04
DATE	BY
NO.	REVISION DESCRIPTION
A1	REDUCED JAMB ANCHOR SPACING TO 1"
A2	ADDED LOAD TABLES TO SHEET 11
B1	UPDATE TO CURRENT STANDARDS W.R.M.
10 FOOT WOOD INSURING IMPACT DOORS	
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	
DRAWING TITLE	
CERTIFICATION <b>OCT 08 2009</b>	
DRAWING NO. <b>1315</b>	REV. <b>B</b>
SHEET NO. <b>1 OF 11</b>	



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



**INTERIOR ELEVATION  
 SINGLE INSWING DOOR**  
 SCALE: 3/4"=1'-0"

SEE CORNER  
 DETAILS ON  
 SHEET 10

SEE CORNER  
 DETAILS ON  
 SHEET 10

REINFORCEMENT PLATE  
 (AT TOP HINGE SIDE  
 OF ALL DOOR PANELS)  
 REQUIRED WITH "TDL"  
 STILES & RAILS ONLY

SCREWS THROUGH  
 STRIKE PLATE INTO  
 SUBSTRATE (5  
 WHEN INTO WOOD;  
 3 WHEN INTO  
 CONCRETE). SEE  
 "FRAME ANCHOR  
 REQUIREMENTS  
 TABLE" ON SHEET 1  
 FOR SCREW  
 REQUIREMENTS.  
 (PREDRILL HOLES  
 IN JAMB)

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

SCREWS THROUGH STRIKE PLATE  
 INTO SUBSTRATE WITH BUMPER SILL  
 (3 PER STRIKE). WHEN ADA SILL  
 IS USED, THERE IS NO STRIKE  
 PLATE AND ALL ANCHORS RUN  
 THROUGH SILL ONLY INTO  
 SUBSTRATE.

HINGE SCREWS INTO SUBSTRATE  
 (2 PER HINGE). SEE "FRAME  
 ANCHOR REQUIREMENTS  
 TABLE" ON SHEET 1 FOR SCREW  
 REQUIREMENTS.

WHEN SCREW MOUNTED, ADD  
 THESE 2 SCREWS WHEN SILL  
 SUBSTRATE IS WOOD

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 RENEWED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 09-1014.11  
 Expiration Date 02/17/2015  
 By *[Signature]*  
 Miami Dade Product Control  
 Division

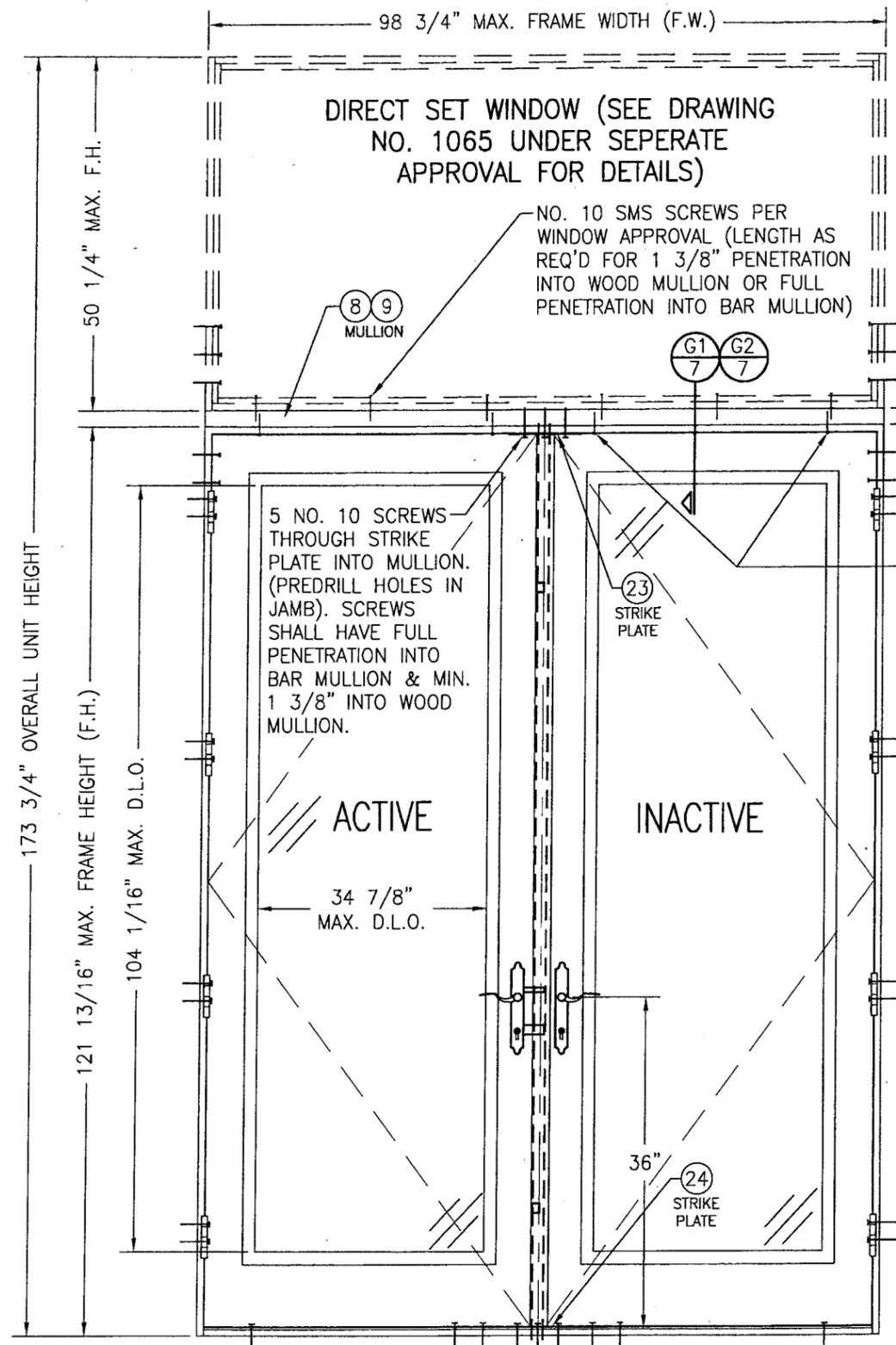
DRAWING TITLE  
**10 FOOT WOOD INSWING IMPACT DOORS**

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  
**OCT 08 2008**  
 WARREN W. SCHAEFER, P.E.  
 DEL. NO. 44133

DRAWING NO. REV.  
**1315 B**  
 SHEET NO.  
**2 OF 11**



**INTERIOR ELEVATION  
DOUBLE DOOR WITH TRANSOM**

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

SEE DOUBLE DOOR ELEVATION ON SHEET 2 FOR DETAIL NOT SHOWN

SILL AND STRIKE  
PLATE ANCHORS  
PER ELEVATION ON  
SHEET 2

**DIRECT SET WINDOW (SEE DRAWING  
NO. 1065 UNDER SEPERATE  
APPROVAL FOR DETAILS)**

NO. 10 SMS SCREWS PER  
WINDOW APPROVAL (LENGTH AS  
REQ'D FOR 1 3/8" PENETRATION  
INTO WOOD MULLION OR FULL  
PENETRATION INTO BAR MULLION)

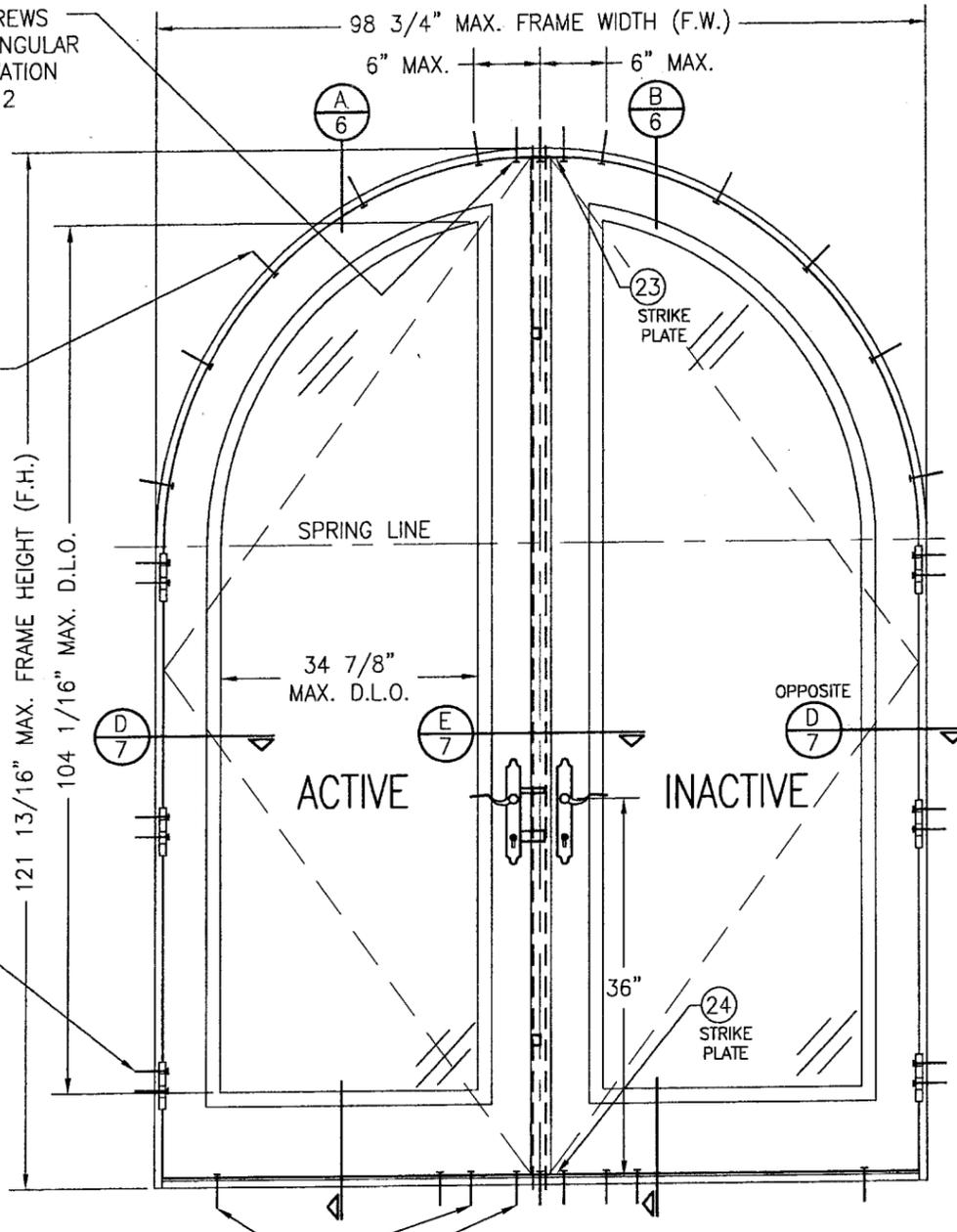
3 FRAME SCREWS AT TOP  
SIDE OF MULLION & 2 AT  
BOTTOM SIDE AS SHOWN  
(TYP. EA. END). SEE "FRAME  
ANCHOR REQUIREMENTS  
TABLE" ON SHEET 1 FOR  
SCREW REQUIREMENTS.

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)

HINGE SCREWS  
INTO SUBSTRATE  
(2 PER HINGE).  
SEE "FRAME  
ANCHOR  
REQUIREMENTS  
TABLE" ON SHEET  
1 FOR SCREW  
REQUIREMENTS.

STRIKE SCREWS  
PER RECTANGULAR  
DOOR ELEVATION  
ON SHEET 2



**INTERIOR ELEVATION  
DOUBLE HALF ROUND DOOR**

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

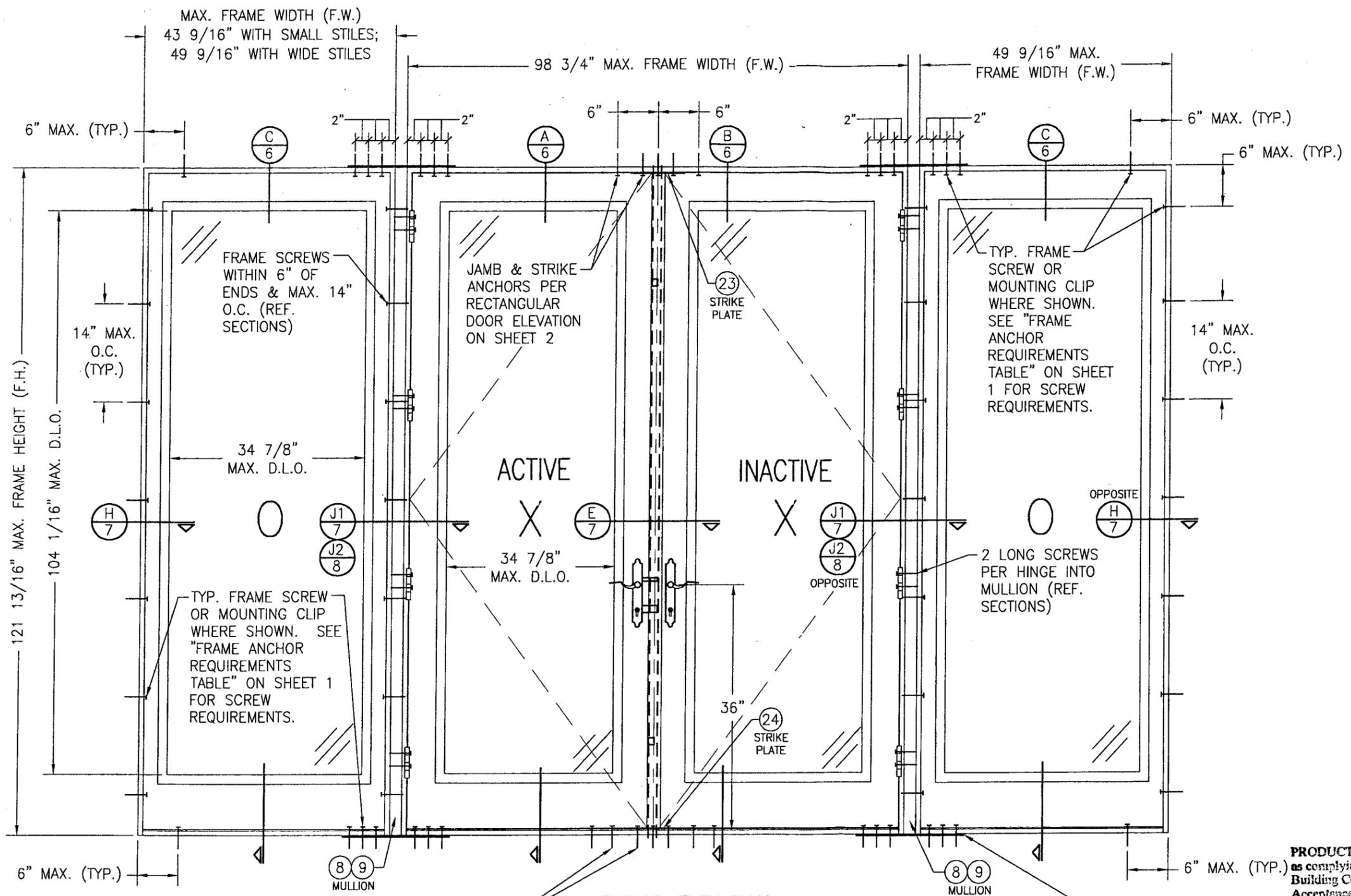
SEE DOUBLE DOOR ELEVATION ON SHEET 2 FOR DETAIL NOT SHOWN

SILL AND STRIKE  
PLATE ANCHORS  
PER ELEVATION ON  
SHEET 2

NOTE: DOORS MAY BE FULLY  
GLAZED AS SHOWN, PARTIALLY  
PANELED OR FULLY PANELED.  
SEE SHEET 5 ELEVATION FOR  
PANELED DOORS.

**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
Acceptance No. **09-1014.11**  
Expiration Date **02/17/2015**  
By *[Signature]*  
Miami Dade Product Control  
Division

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1-16	DATE: 06/28/04
NO.	REVISION DESCRIPTION
DATE	BY
DRAWING TITLE <b>10 FOOT WOOD INSING IMPACT DOORS</b>	
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A.</b>	MANUFACTURER <b>SIGNATURE DOOR INC.</b>
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 <b>OCT 08 2009</b>	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. <b>1315</b>	REV. <b>B</b>
SHEET NO. <b>3</b>	OF <b>11</b>



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

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

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

6" MAX. (TYP.)

6" MAX. (TYP.)

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

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

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

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

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

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

36"

6" MAX. (TYP.)

6" MAX. (TYP.)

SILL AND STRIKE PLATE ANCHORS PER ELEVATION ON SHEET 2

**INTERIOR ELEVATION  
 MULTIPLE OPERABLE/FIXED UNIT**

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

(FOR ANY DETAIL NOT SHOWN, SEE ELEVATION ON SHEET 2)

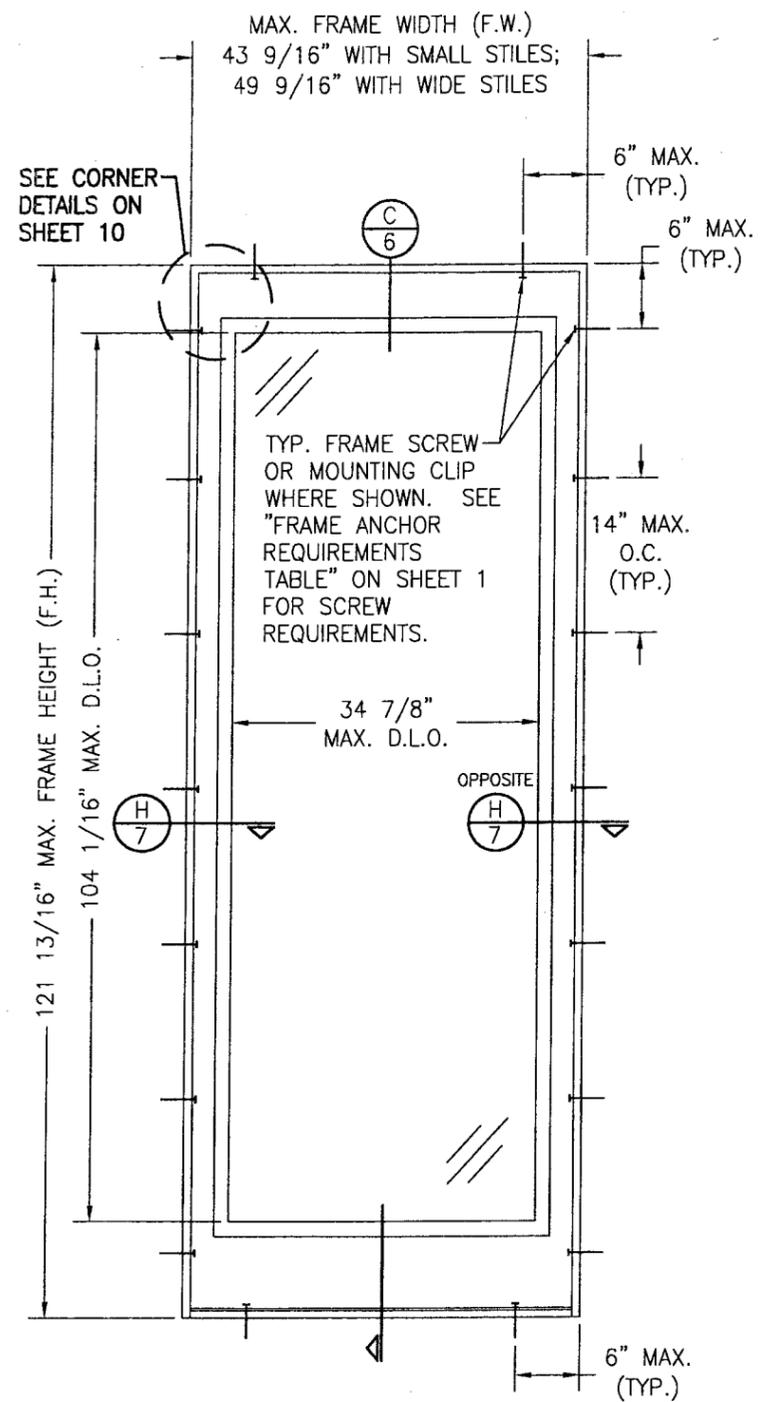
NOTE: OXO DOOR SHOWN. ALL OTHER 4-PANEL CONFIGURATIONS OF SINGLE/DOUBLE DOORS & SIDELIGHTS ALSO APPLY.

NOTE: DOORS MAY BE FULLY GLAZED AS SHOWN, PARTIALLY PANELED OR FULLY PANELED. SEE SHEET 5 ELEVATION FOR PANELED DOORS.

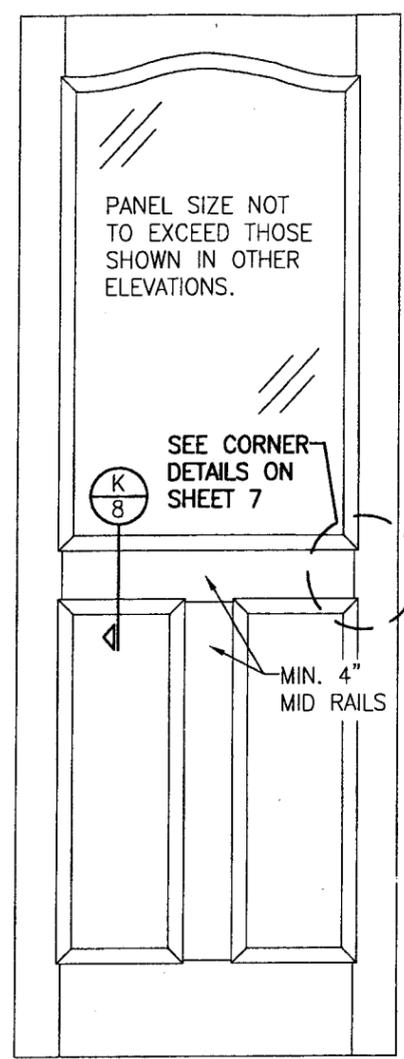
REINFORCEMENT PLATE FASTENED TO WOOD MULLION WITH 2 NO. 10 X 2" SMS EACH END OR TO STEEL BAR MULLION WITH 2 NO. 10 X 1" SMS SCREWS THREADED INTO BAR END. (REQUIRED ONLY WITH OPERABLE TO OPERABLE MULLED CONDITION. NOT REQUIRED WITH SIDELIGHT CONDITION.)

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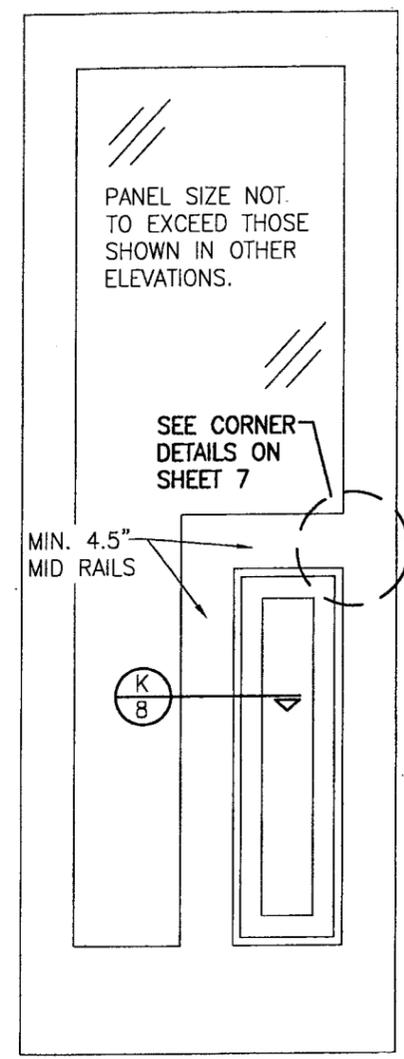
DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=16	DATE: 06/28/04
DATE	
BY	
REVISION DESCRIPTION	
NO.	
DRAWING TITLE <b>10 FOOT WOOD INSING IMPACT DOORS</b>	
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A.</b>	MANUFACTURER <b>SIGNATURE DOOR INC.</b>
8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903	401 JUNIATA STREET ALTOONA, PA 16602 814-949-2770
CERTIFICATION OCT 08 2009	WARREN W. SCHAEFER, P.E. P.E. NO. 44133
DRAWING NO. <b>1315</b>	REV. <b>B</b>
SHEET NO. <b>4 OF 11</b>	



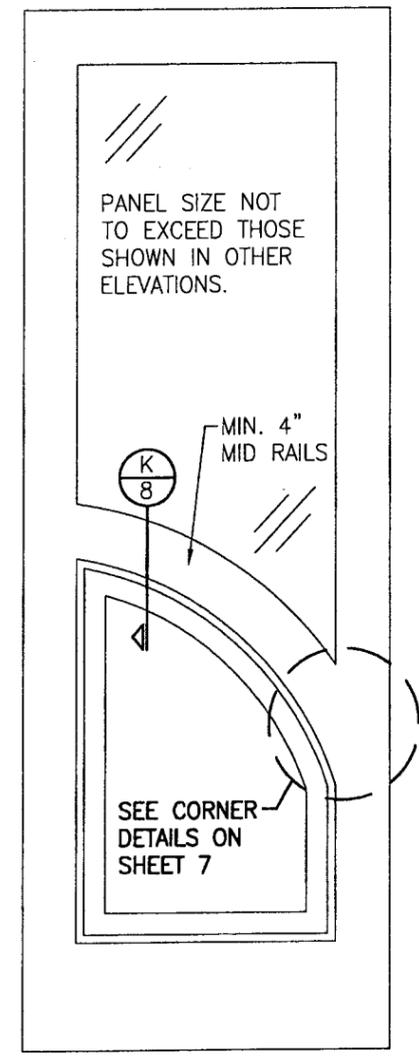
**INTERIOR ELEVATION  
 SINGLE FIXED PANEL**  
 SCALE: 3/4"=1'-0"



**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.

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 Miami Dade Product Control  
 Division

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PLOT: 1=16		DATE: 06/28/04	
NO.	REVISION DESCRIPTION	BY	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>	
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 <b>OCT 08 2009</b>		WARREN W. SCHAEFER, P.E. E. NO. 44135	
DRAWING NO. <b>1315</b>	REV. <b>B</b>	SHEET NO. <b>5 OF 11</b>	

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 06/28/04
DATE	
BY	
REVISION DESCRIPTION	
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DRAWING TITLE  
**10 FOOT WOOD INSWING 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  
**OCT 08 2009**

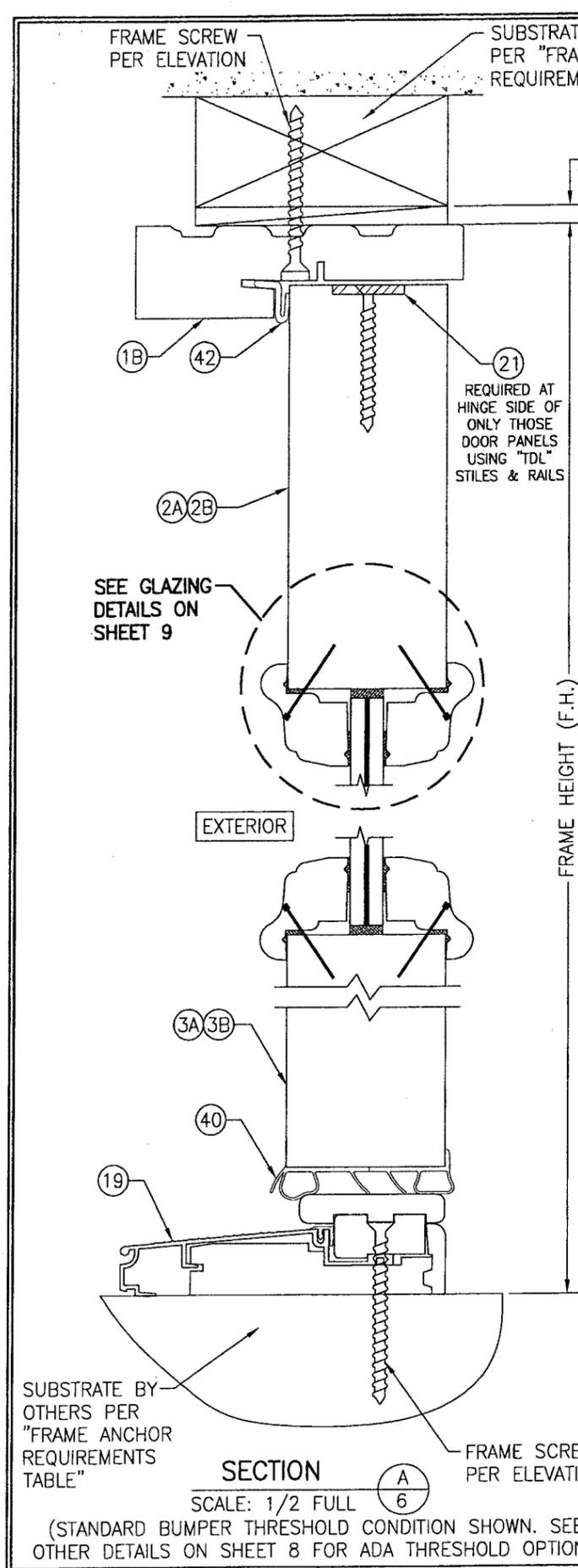
By *[Signature]*  
Miami Dade Product Control Division

WARREN W. SCHAEFER, P.E.  
P.E. NO. 44135

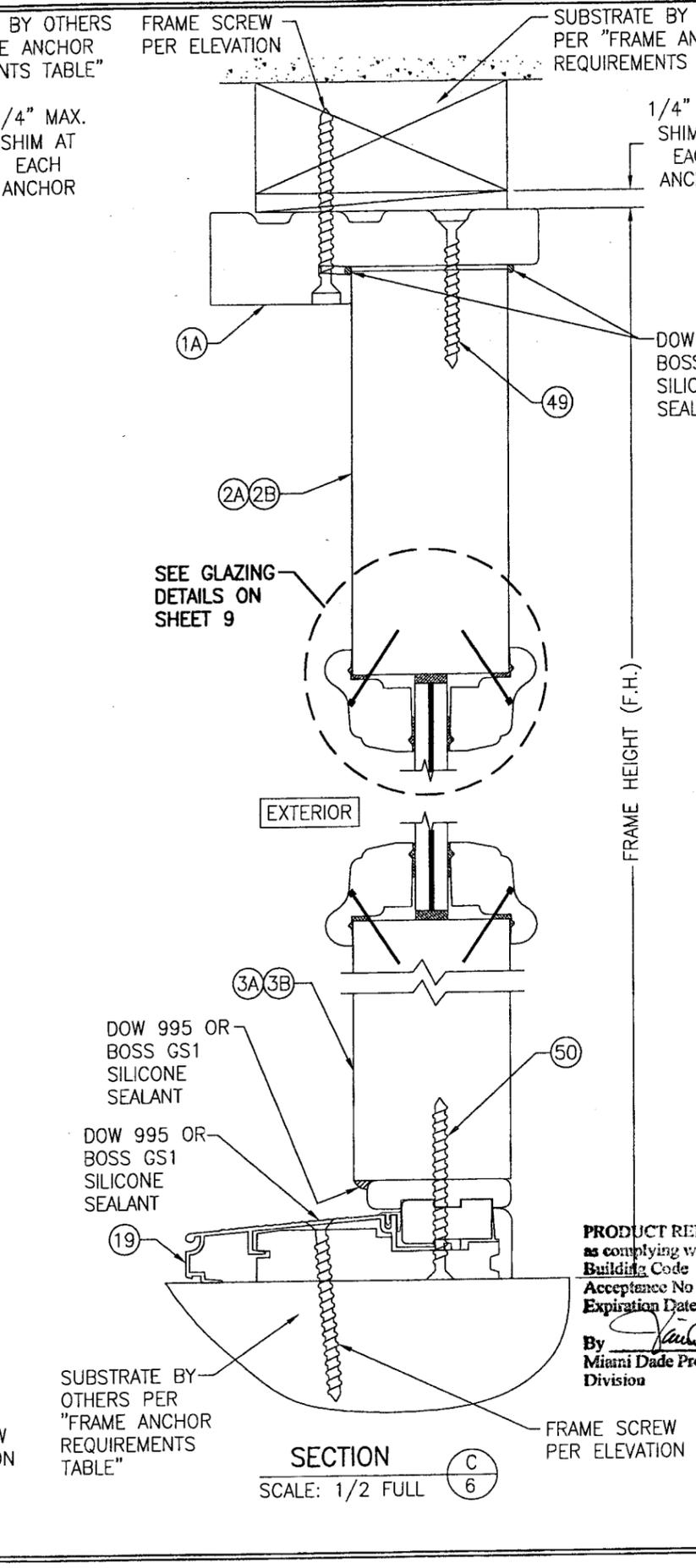
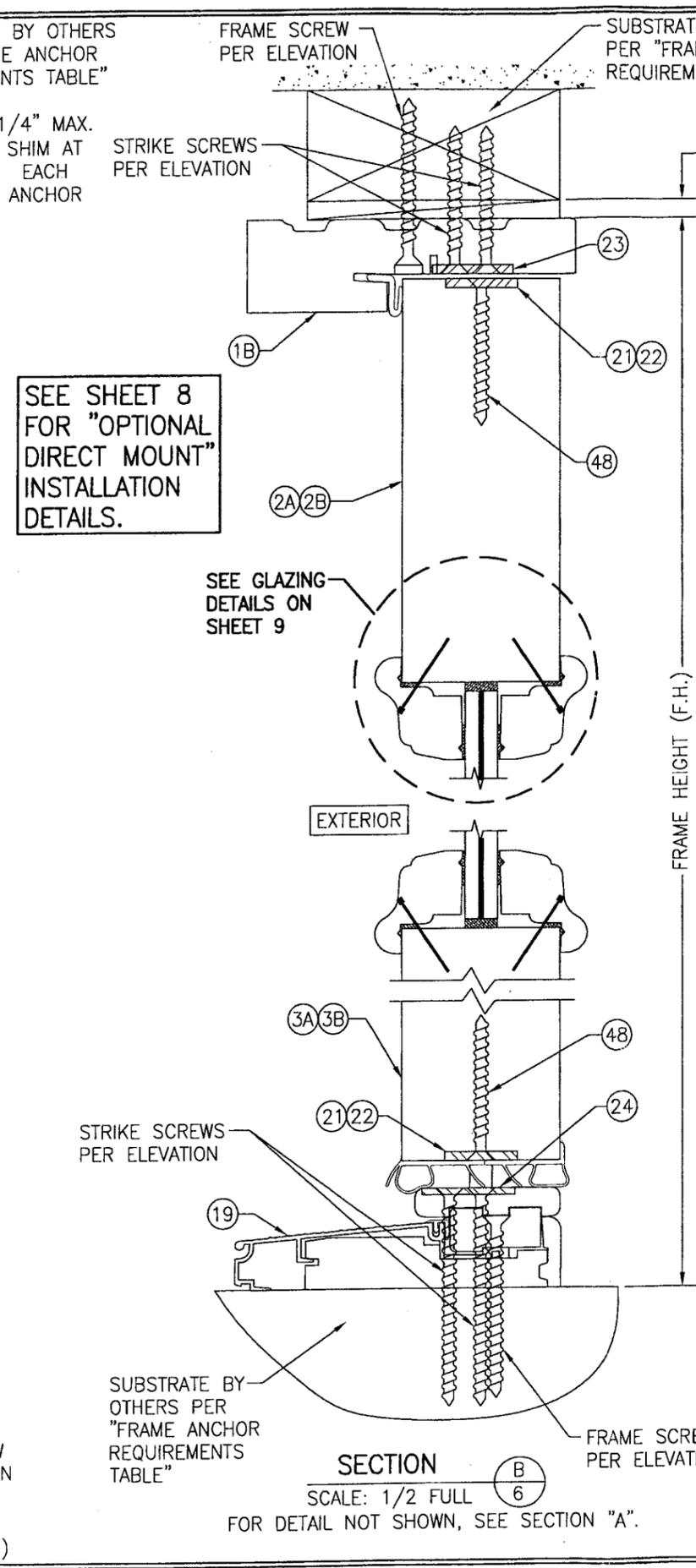
DRAWING NO.  
**1315**

REV.  
**B**

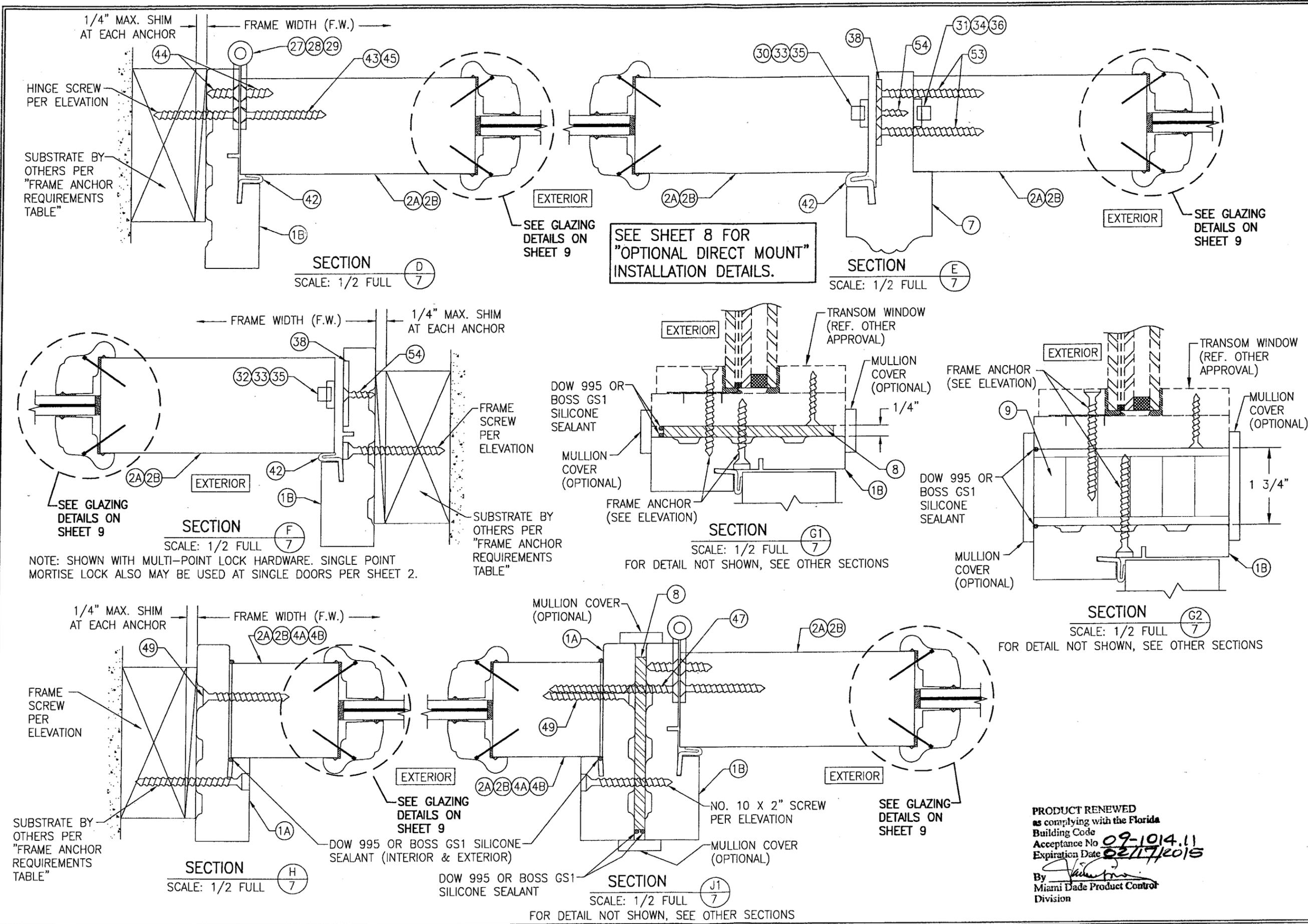
SHEET NO.  
**6 OF 11**



SEE SHEET 8 FOR "OPTIONAL DIRECT MOUNT" INSTALLATION DETAILS.



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DATE	BY

**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  
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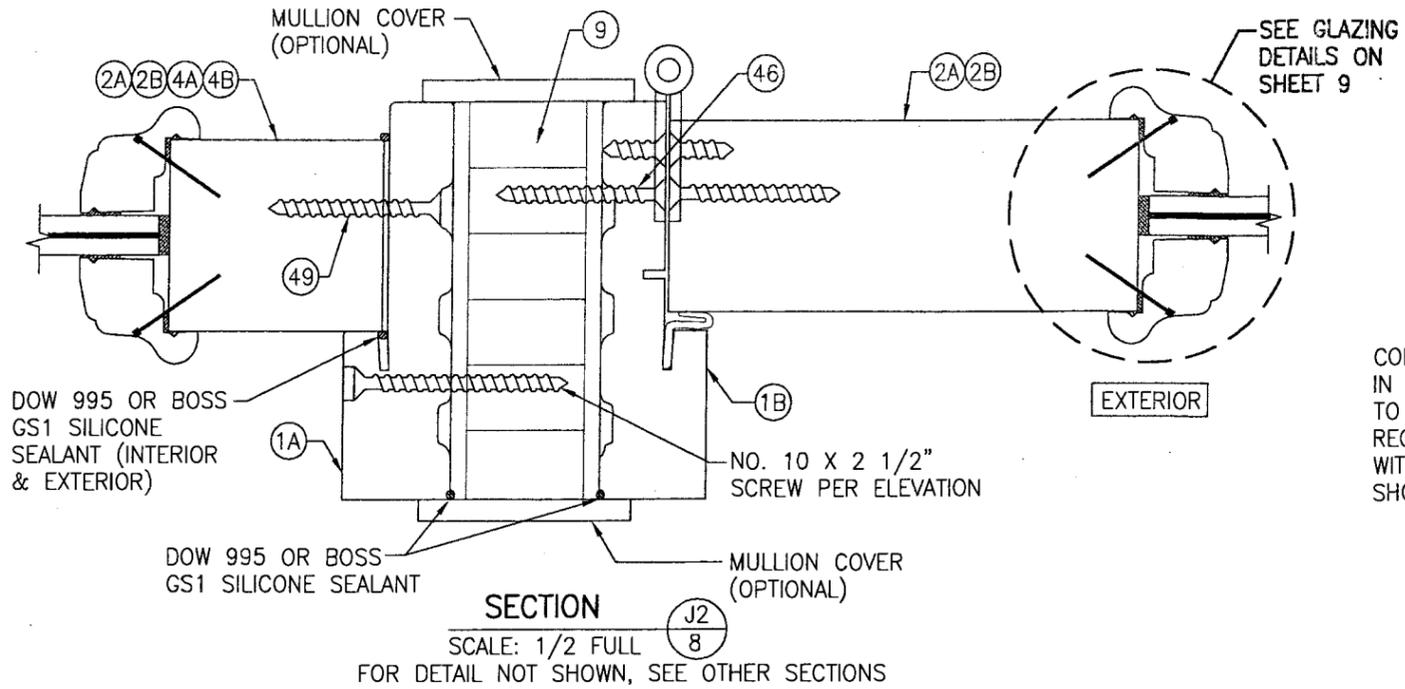
CERTIFICATION  
**OCT 08 2009**

WARREN W. SCHAEFER, P.E.  
 P.E. NO. 44135

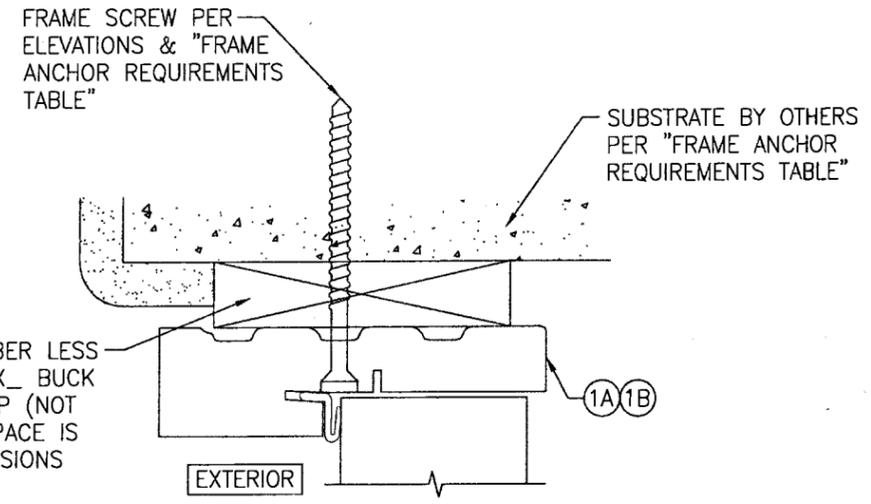
DRAWING NO. 1315	REV. B
SHEET NO. 7 OF 11	

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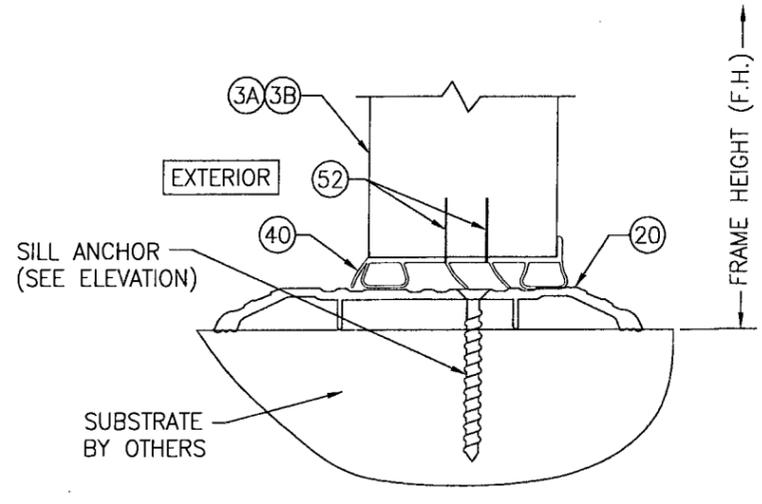
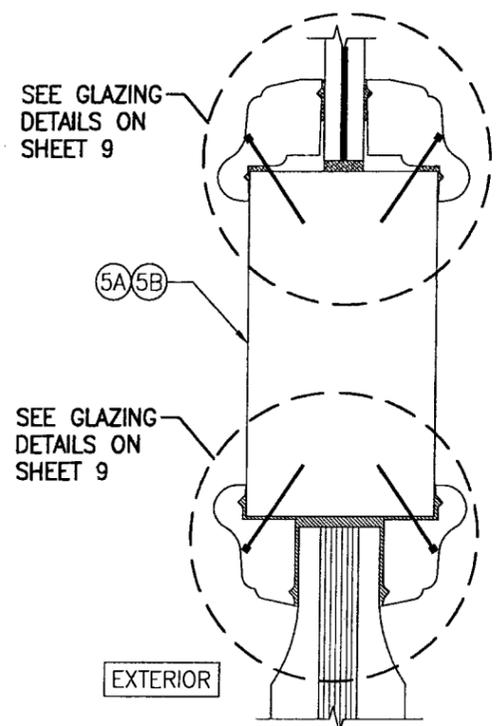
By *[Signature]*  
 Miami Dade Product Control  
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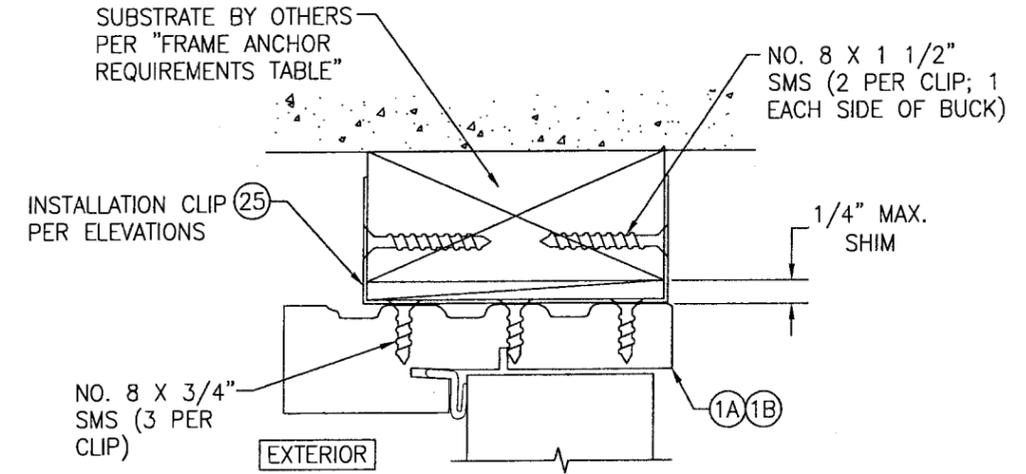
CONTINUOUS WOOD MEMBER LESS IN THICKNESS THAN A 2X BUCK TO BE MIN. 3 1/2" DEEP (NOT REQUIRED WHEN SHIM SPACE IS WITHIN ALLOWABLE DIMENSIONS SHOWN IN SECTIONS).



**OPTIONAL DIRECT MOUNT DETAIL TO SUBSTRATE WITH SPACER**  
 FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS (HEAD SECTION SHOWN, SIDES AND SILL SIMILAR)



**OPTIONAL ADA THRESHOLD DETAIL**  
 FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS



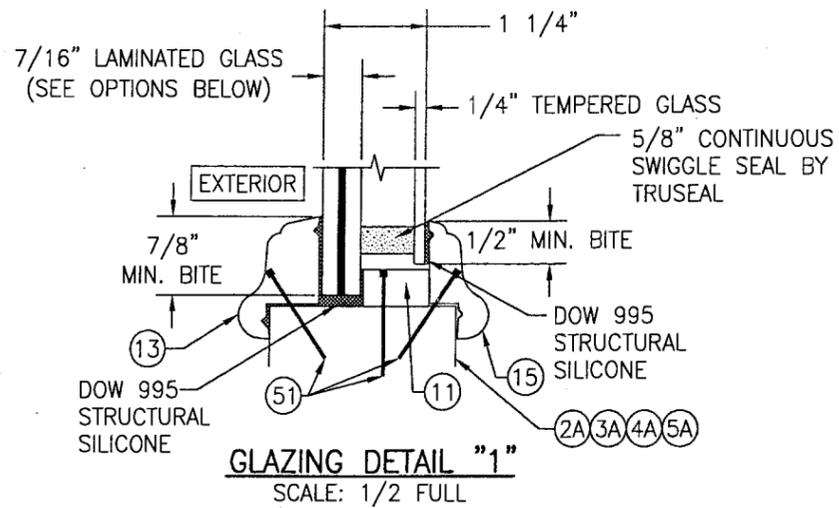
**OPTIONAL CLIP MOUNT DETAIL**  
 FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS (HEAD SECTION SHOWN, SIDES AND SILL SIMILAR)

**PRODUCT RENEWED**  
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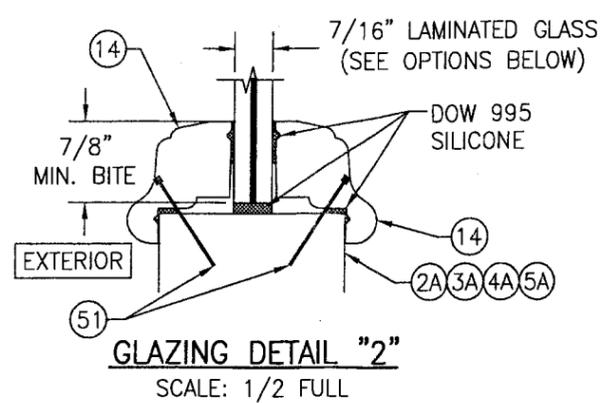
By *[Signature]*  
 Miami Dade Product Control Division

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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 OCT 08 2009	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1315	REV. B
SHEET NO. 8 OF 11	

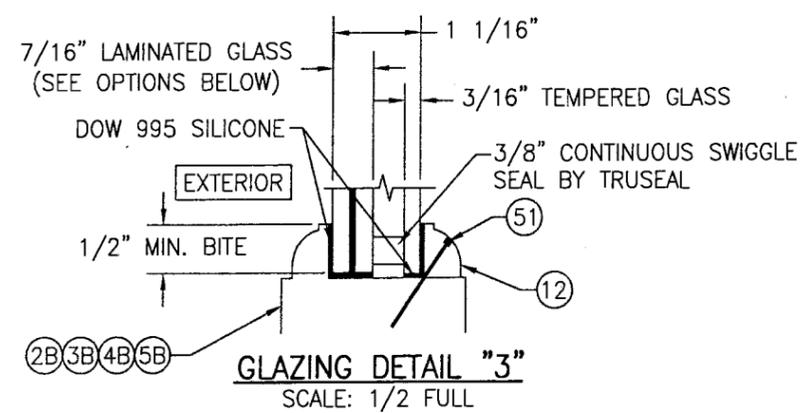
DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 06/28/04
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DRAWING TITLE <b>10 FOOT WOOD INSWING IMPACT DOORS</b>	
MANUFACTURER <b>SIGNATURE DOOR INC.</b> 401 JUNIATA STREET ALTOONA, PA 16602 814-949-2770	
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &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>OCT 08 2009</b> WARREN M. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. <b>1315</b>	REV. <b>B</b>
SHEET NO. <b>9 OF 11</b>	



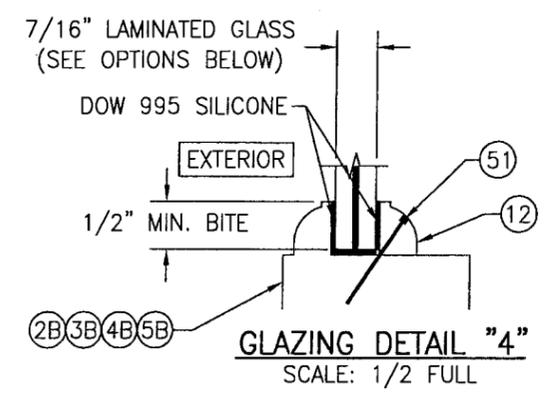
GLASS OPTION: 1) 7/16" THICK GLASSLAM SAFETY PLUS II LAMINATED OUTER GLASS (3/16" AN/0.10" POLYURETHANE POLYMER/3/16" AN); 3/16" TEMPERED SINGLE PANE INNER GLASS  
2) 7/16" THICK OLDCASTLE STORMGLASS LAMINATED OUTER GLASS (3/16" AN/0.075" STORMGLASS/3/16" AN); 3/16" TEMPERED SINGLE PANE INNER GLASS



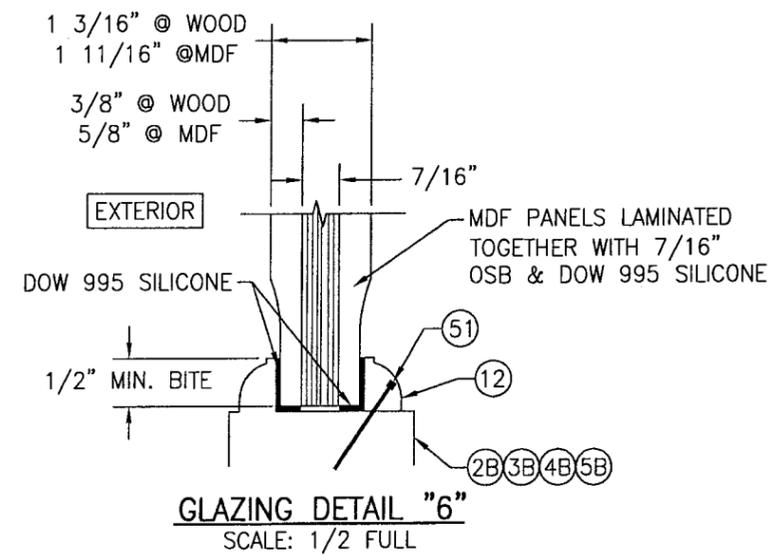
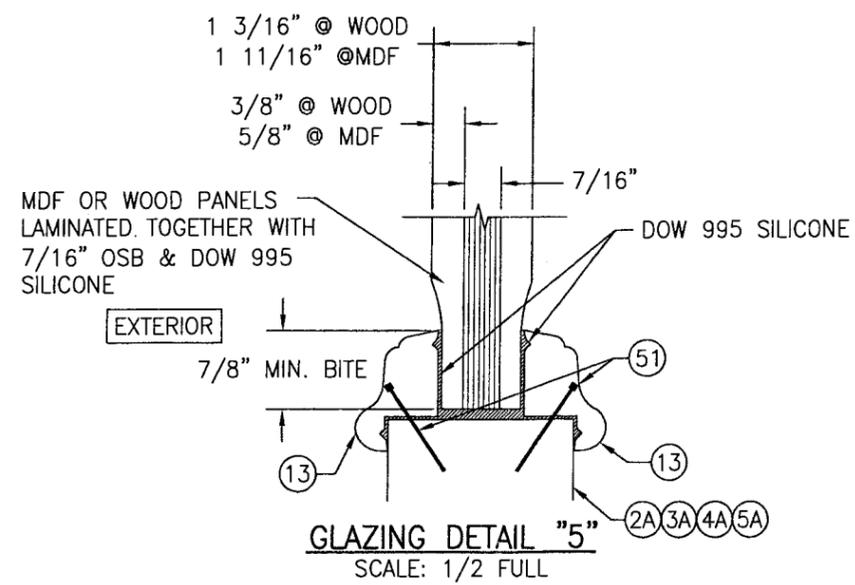
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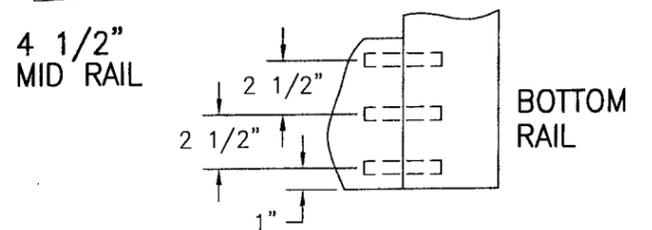
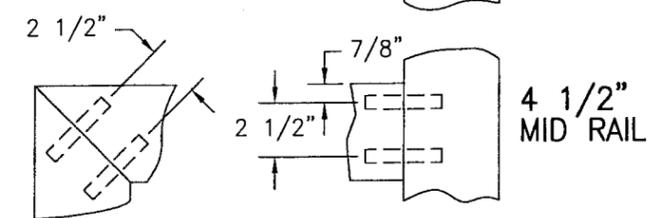
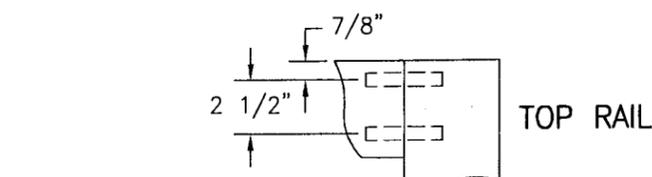
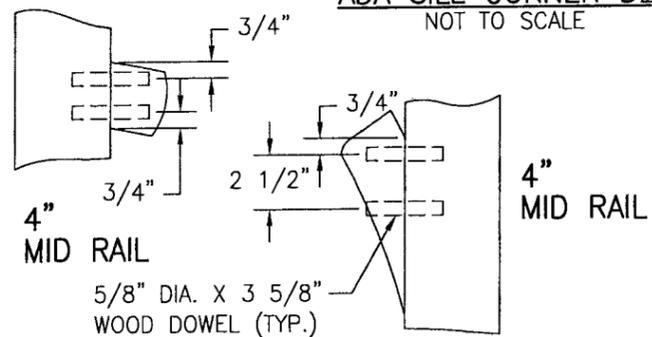
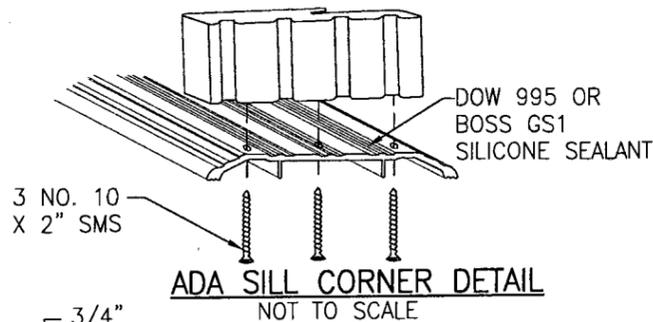
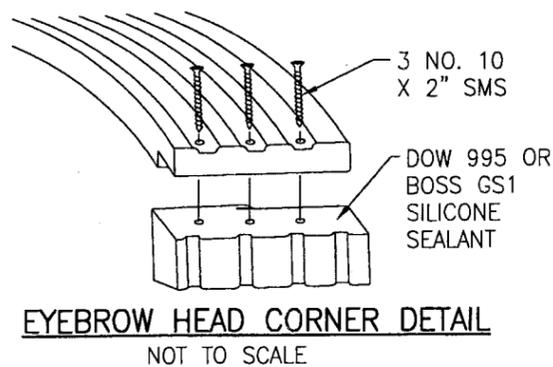
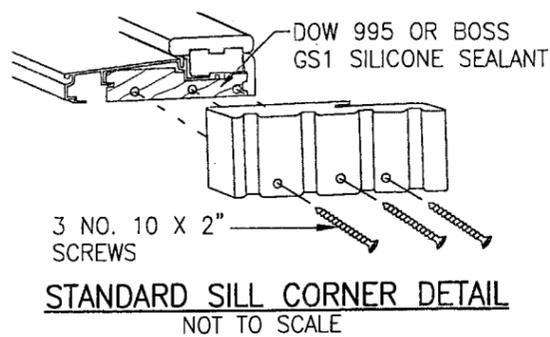
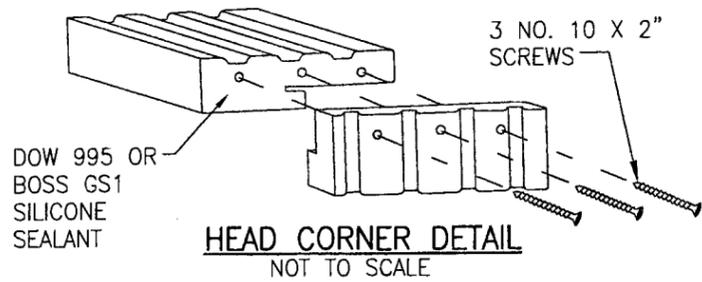
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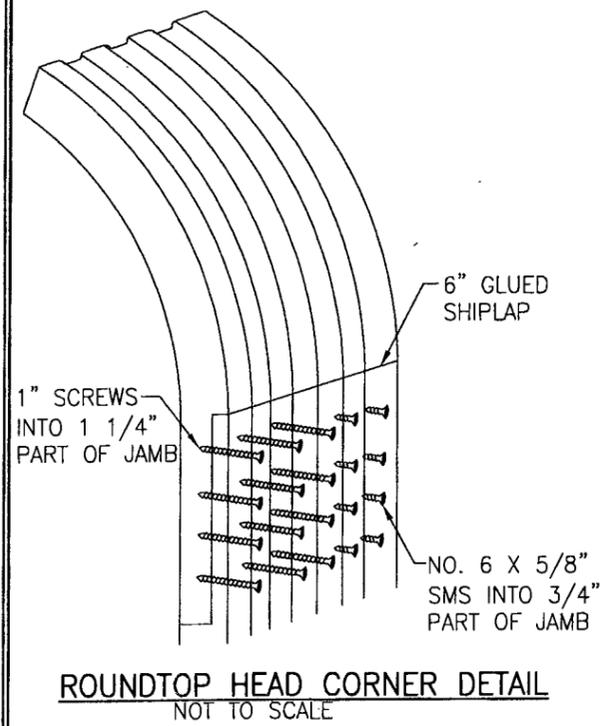
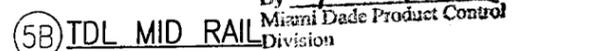
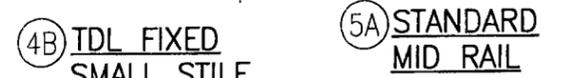
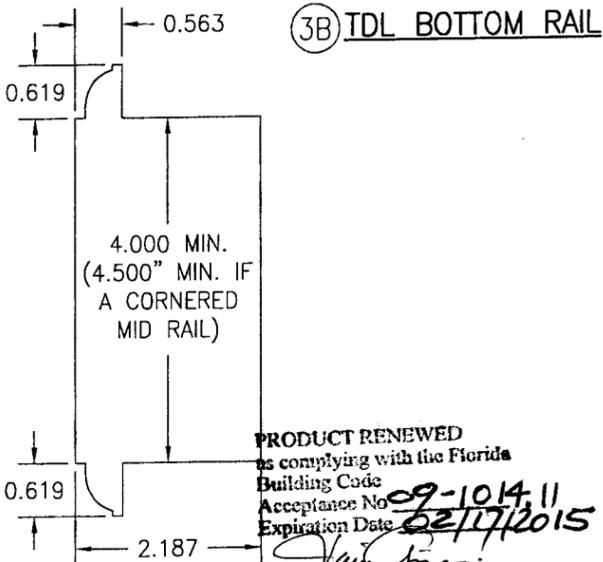
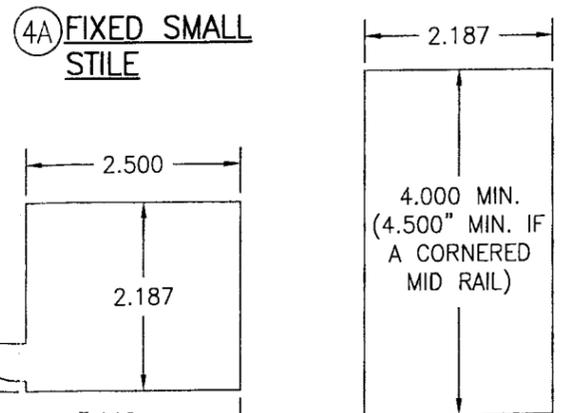
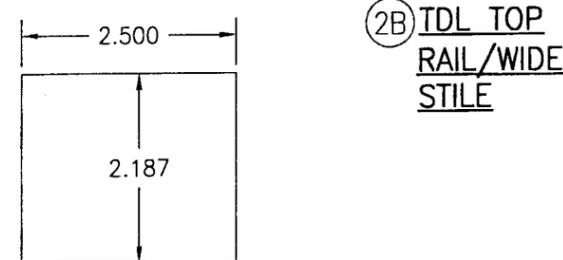
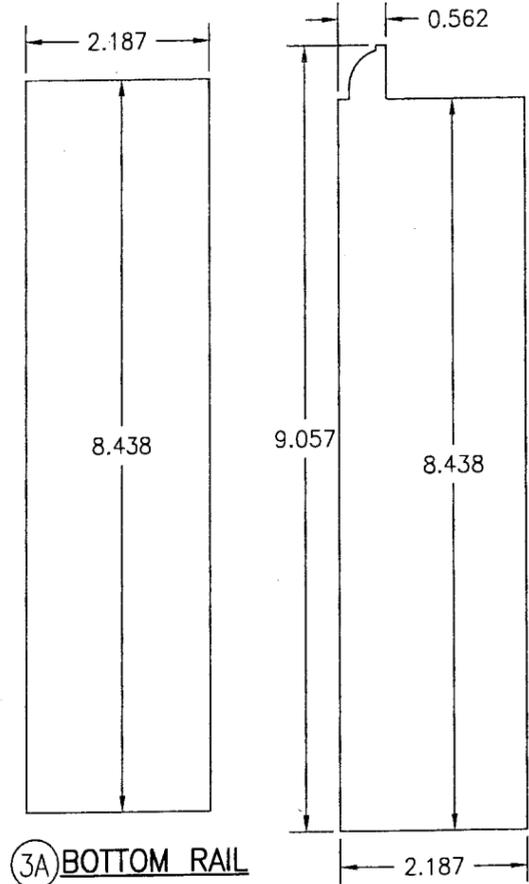
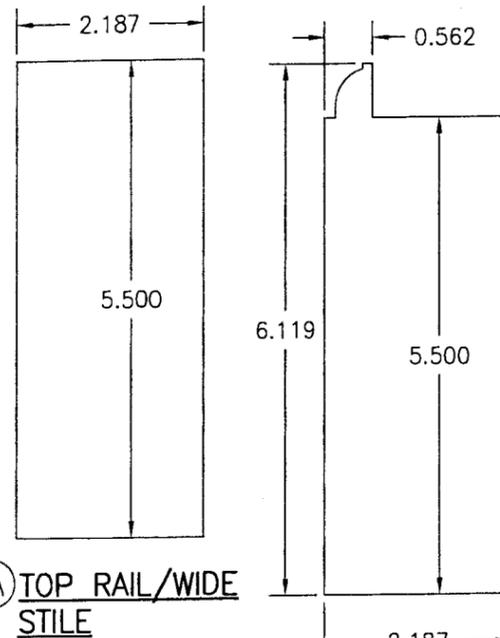
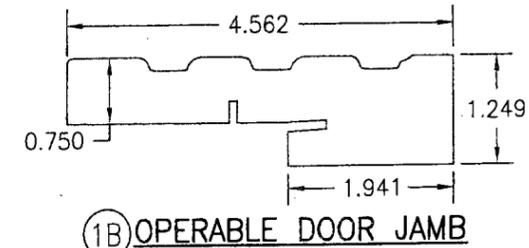
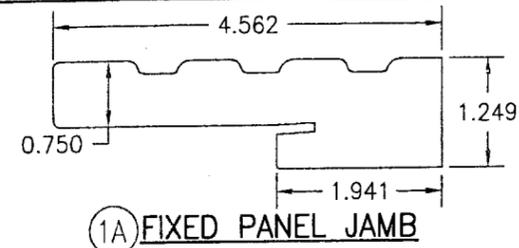


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PANEL CORNER DETAILS  
NOT TO SCALE

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



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: 561-775-4902 FAX: 561-775-4903

CERTIFICATION: OCT 08 2009

WARREN W. SCHAEFER, P.E.  
P.E. NO. 44133

DRAWING NO. 1315  
SHEET NO. 10 OF 11

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