



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908
www.buildingcodeonline.com

NOTICE OF ACCEPTANCE (NOA)

Signature Doors, 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: 8 Foot Wood Panel Outswing Impact Doors

APPROVAL DOCUMENT: Drawing No. 1069, titled "8 Foot Wood Panel Outswing Impact Doors", sheets 1 through 10 of 10, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 11/12/03 and last revised on Mar 20, 2007, 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 Impact Resistant

Limitation: Application of Single point mortise lock is limited to single doors only & limited to Maximum Dp = +/- 60 psf.

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 **renews NOA # 04-0211.09** and, consists of this page 1 and evidence pages E-1& E-2, as well as approval document mentioned above.

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

NOA No 06-1228.09
Expiration Date: March 21, 2012
Approval Date: April 12, 2007
Page 1

4/23/17



Signature Door, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections. (Transferred from file # **04-0211.09**)
2. Drawing No. **1069**, titled "8 Foot Wood Panel Outswing Impact Doors", sheets 1 through 10 of 10, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 11/23/03 & last revised on Mar 20, 2007, signed and sealed by Warren Schaefer, P.E.

B. TESTS (transferred from file # **04-0211.09**) Original test conducted per SFBC, PA 201,202 & 203-94, now termed as FBC, 201, 202 & 203-94.

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 infiltration resistant 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 SFBC 2411.3.2.1(b) and TAS 202-94

along with marked-up drawings and installation diagram of an outswing wood door, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL- 01049**, dated December 19, 2001, **HTL- 0243-1013-03**, Specimen # 1, #2, #4 and #6 dated October 6-21, 2003, all 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 infiltration resistant 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 SFBC 2411.3.2.1(b) and TAS 202-94

Along with marked-up drawings and installation diagram of an outswing wood door, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL- 0243-0605.01** dated 06/07/01, **HTL- 0243-0802**, **HTL- 0243-0929.01** and **HTL- 0243-0322.01**, issued on dated January 11, 2002, all signed and sealed by Vinu J. Abraham, P. E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 01/10/04 and last revised on 03/20/2004 by Warren W. Schaefer, P.E.
2. Anchor Calculations and ASTM-E1300-98 analysis, dated 01/20/04, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren Schaefer, P.E. (transferred from file # **04-0211.09**)

D. QUALITY ASSURANCE

1. Miami Dade County Building Code Compliance Office.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.

Product Control Examiner

NOA No 06-1228.09

Expiration Date: March 21, 2012

Approval Date: April 12, 2007

Signature Door, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

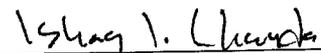
1. Notice of Acceptance No. **03-0916.02** issued to Nebula Glass International Inc. for "Glasslam Safety-Plus Laminated Glass", expiring on 09/09/08.
2. Notice of Acceptance No. **06-1205.10** issued to E.I.DuPont DeNeumours for "Sentry Glass Plus", expiring on 01/14/08.
3. Notice of Acceptance No. **03-0514.15** issued to Old Castle Inc. for "Strom Glass, laminated glass", expiring on 12/11/08.

F. STATEMENTS

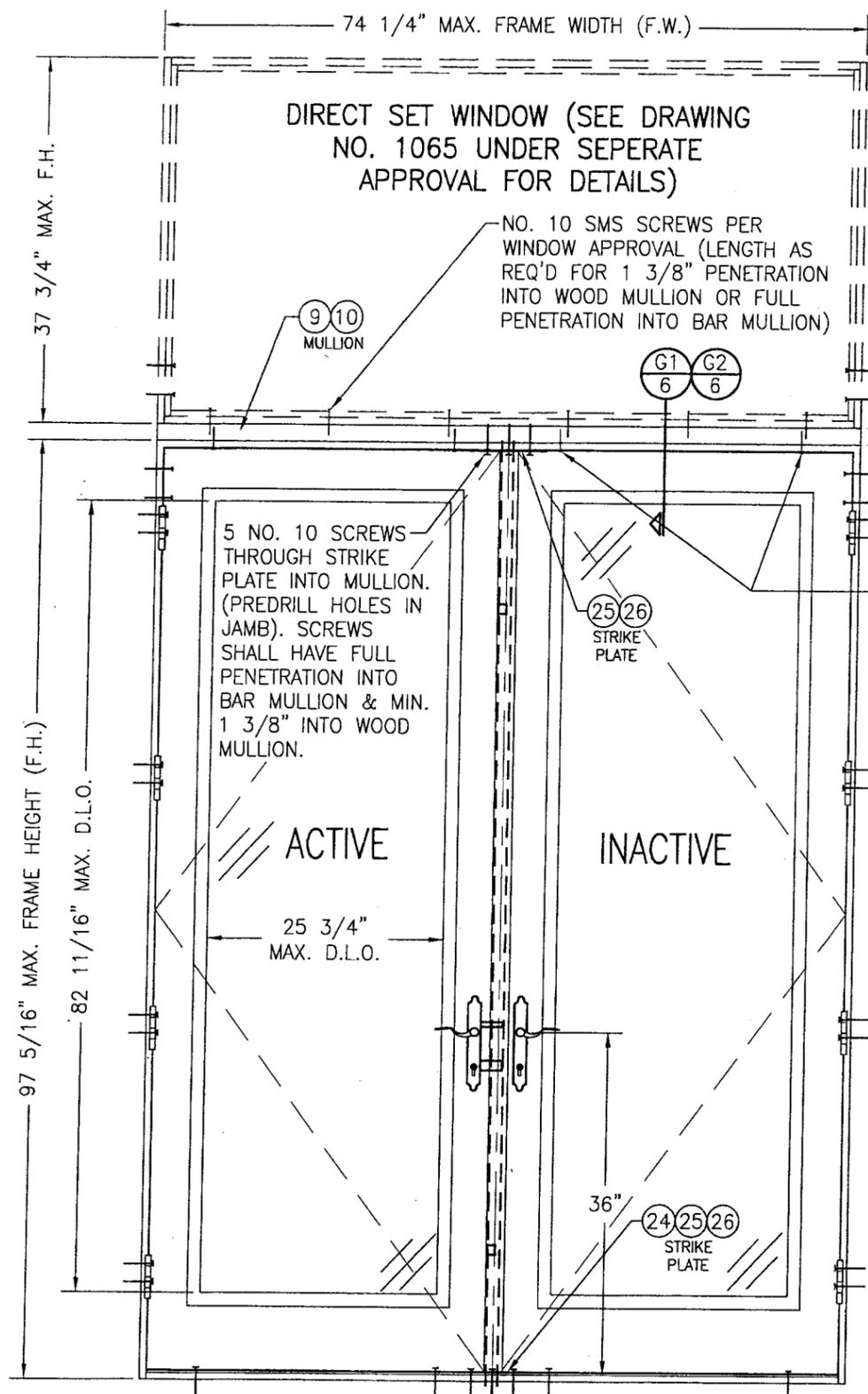
1. Statement letter of conformance and "Engineer still in Business", dated November 30, 2006, signed and sealed by Warren W. Schaefer, P. E.
2. Statement letter of conformance and "No financial interest", dated February 9, 2004, signed and sealed by Warren W. Schaefer, P. E.
3. Statement of Lab compliance as part of above test reports.

G. OTHER

1. This NOA renews NOA # **04-0211.09**, expired **March 21, 2007**.
2. Test proposal #**03-0248** dated **May 02, 2003** approved by **BCCO**.



Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 06-1228.09
Expiration Date: March 21, 2012
Approval Date: April 12, 2007

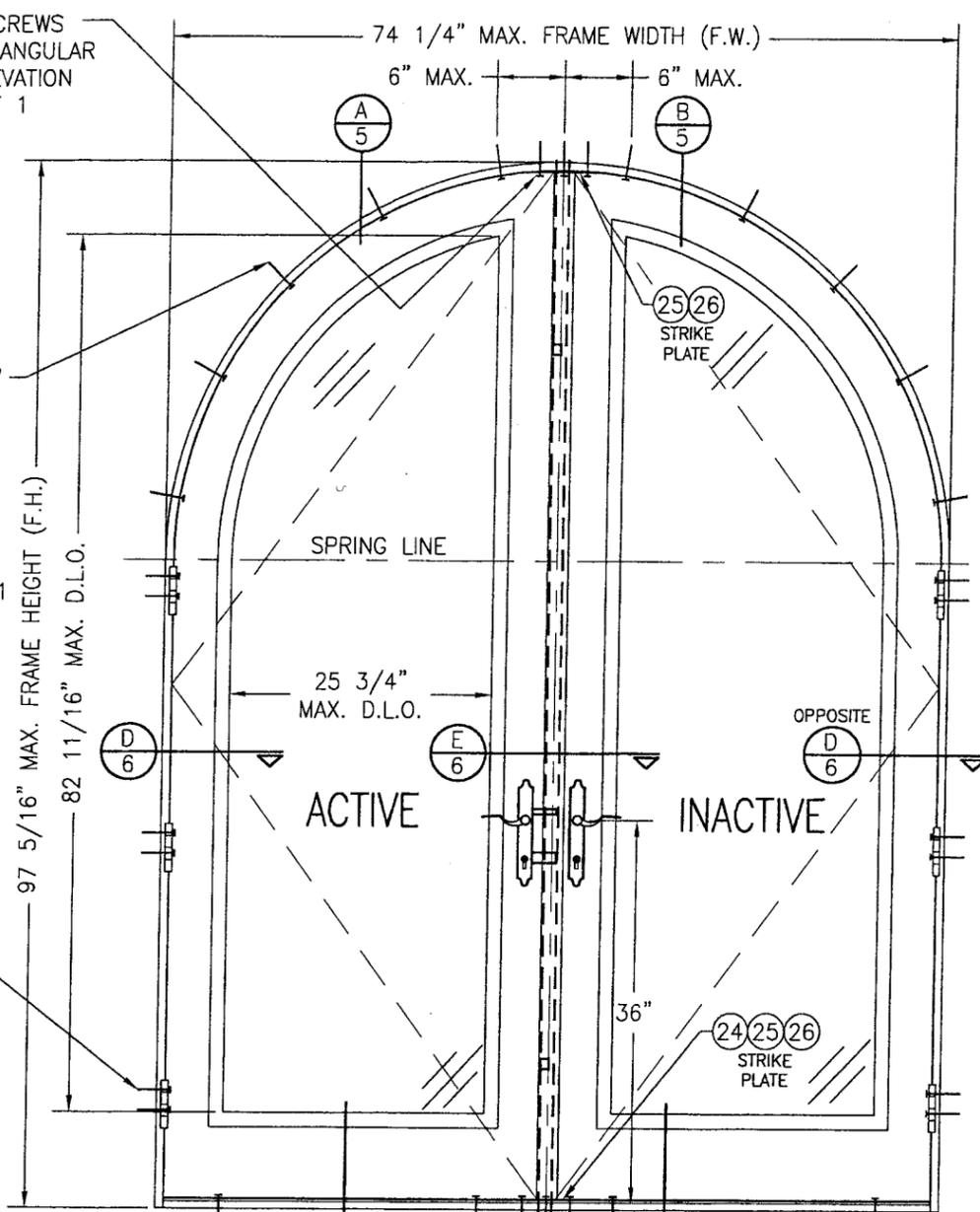


**EXTERIOR ELEVATION
DOUBLE DOOR WITH TRANSOM**
SCALE: 3/4"=1'-0"

SEE DOUBLE DOOR ELEVATION ON SHEET 1 FOR DETAIL NOT SHOWN

SILL AND STRIKE
PLATE ANCHORS
PER ELEVATION ON
SHEET 1

STRIKE SCREWS
PER RECTANGULAR
DOOR ELEVATION
ON SHEET 1



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

SEE DOUBLE DOOR ELEVATION ON SHEET 1 FOR DETAIL NOT SHOWN

2 NO. 10 S.S.
SCREWS OR 3/16"
CONCRETE SCREWS
THROUGH JAMB INTO
SUBSTRATE. 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)

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.

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

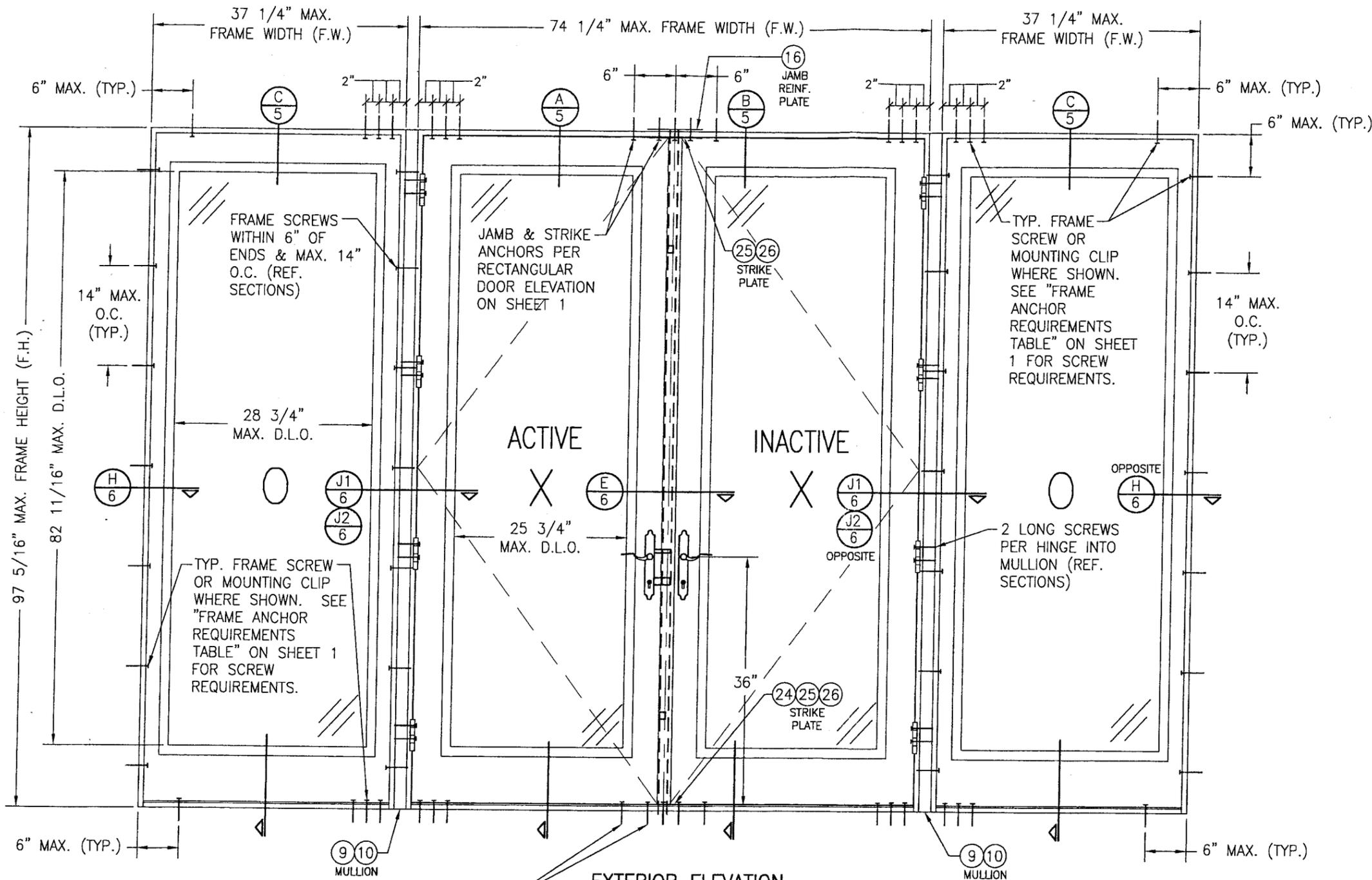
NO. 10 SMS SCREWS PER
WINDOW APPROVAL (LENGTH AS
REQ'D FOR 1 3/8" PENETRATION
INTO WOOD MULLION OR FULL
PENETRATION INTO BAR MULLION)

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

DRAWN BY: K.P.S.		CHECKED BY: W.W.S.	
PLOT: 1-16		DATE: 11/12/03	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE 8 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 MAR 20 2007			
By <i>Isaac L. L...</i> Miami Dade Product Control Division			
DRAWING NO. 1069		REV. 	
SHEET NO. 2 OF 10			

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 06-1228-09
Expiration Date MAR 21, 2012
By *Isaac L. L...*
Miami Dade Product Control
Division



**EXTERIOR ELEVATION
MULTIPLE OPERABLE/FIXABLE UNIT**

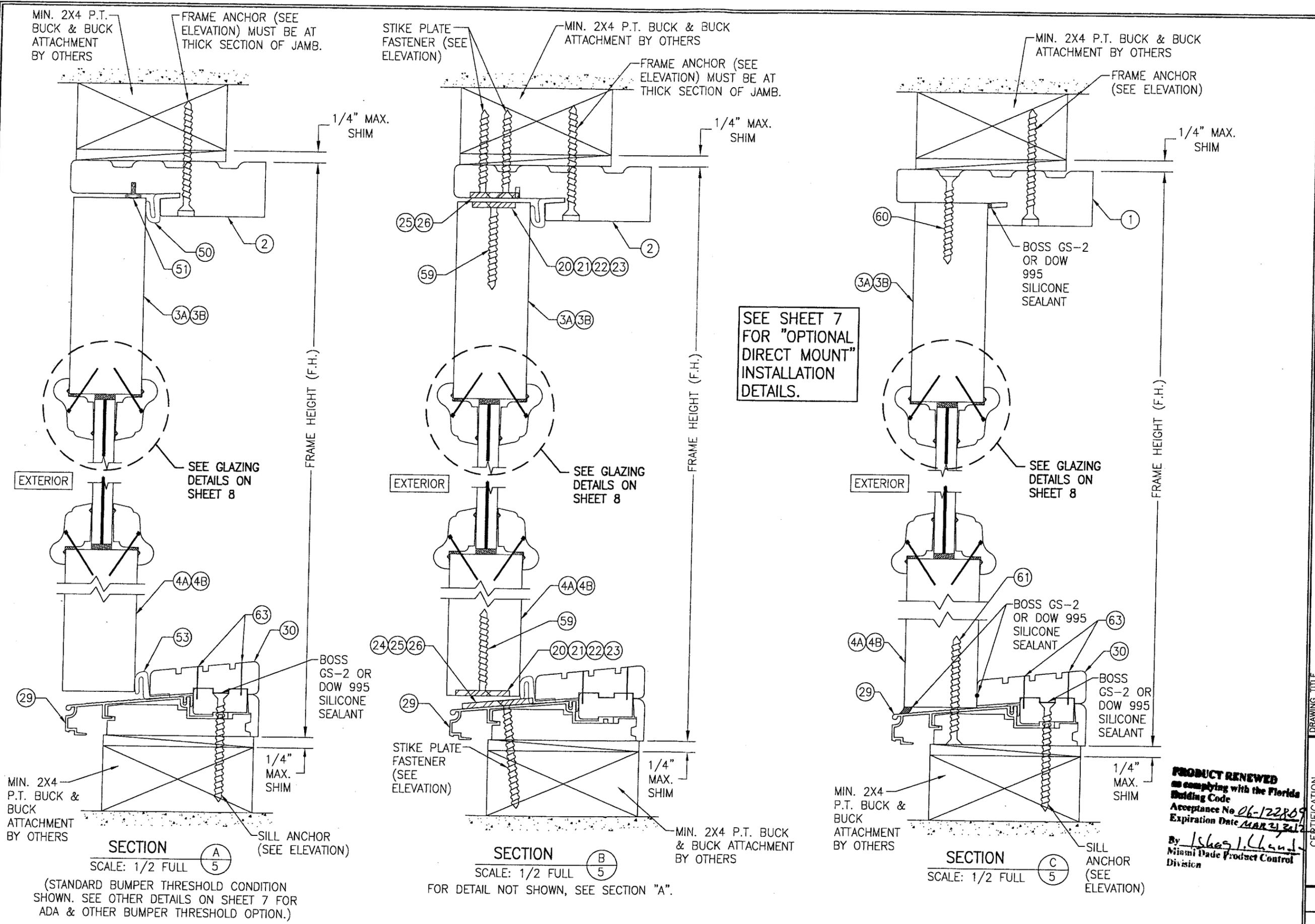
SCALE: 3/4"=1'-0"

(FOR ANY DETAIL NOT SHOWN, SEE ELEVATION ON SHEET 1)
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 4 ELEVATION FOR
PANELED DOORS.

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 06-1228.09
Expiration Date MAR 21, 2012
By Iskay I. Chaudhary
Miami Dade Product Control
Division

DRAWN BY: K.P.S.		CHECKED BY: W.W.S.	
PLOT: 1=16		DATE: 11/12/03	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE 8 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 MAR 20 2007 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1069	REV.	SHEET NO. 3 OF 10	

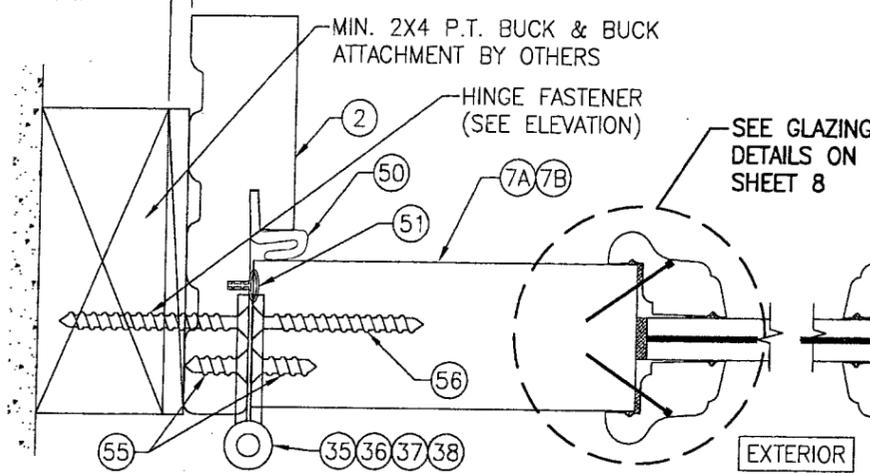


SEE SHEET 7 FOR "OPTIONAL DIRECT MOUNT" INSTALLATION DETAILS.

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 11/12/03
DATE	
BY	
REVISION DESCRIPTION	
NO.	
DRAWING TITLE 8 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 MAR 20 2007 By: <i>Isheq L. L...</i> Miami Dade Product Control Division	
DRAWING NO. 1069	REV.
SHEET NO. 5 OF 10	

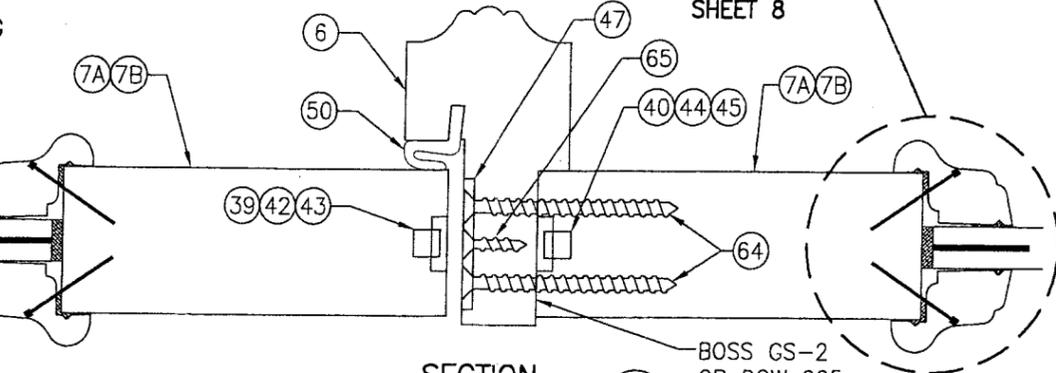
PRODUCT RENEWED
in compliance with the Florida
Building Code
Acceptance No. 06-122809
Expiration Date MAR 21 2012
By: *Isheq L. L...*
Miami Dade Product Control
Division

1/4" MAX. SHIM
FRAME WIDTH (F.W.)



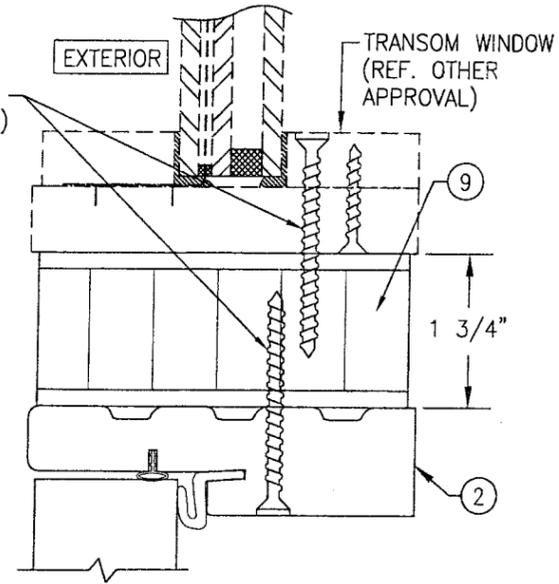
SECTION D
SCALE: 1/2 FULL

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



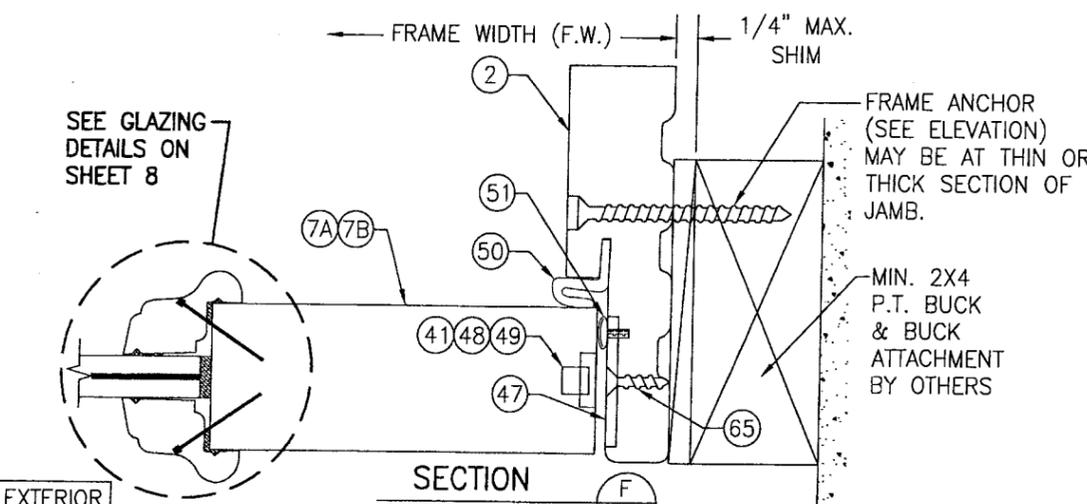
SECTION E
SCALE: 1/2 FULL

SEE GLAZING DETAILS ON SHEET 8



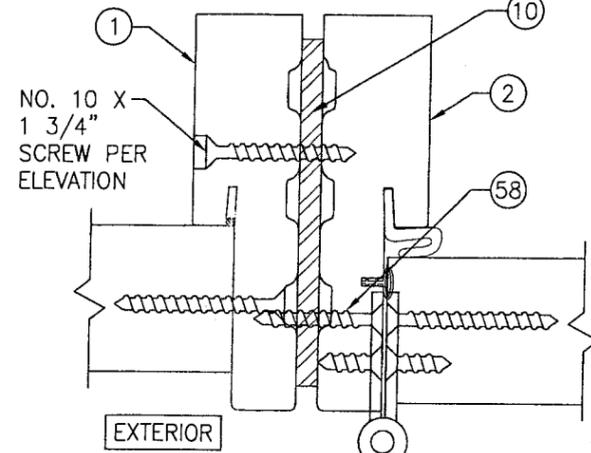
SECTION G1
SCALE: 1/2 FULL
FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS

SEE GLAZING DETAILS ON SHEET 8



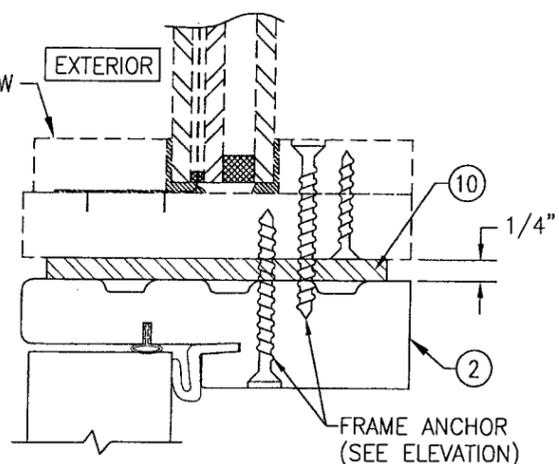
SECTION F
SCALE: 1/2 FULL

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



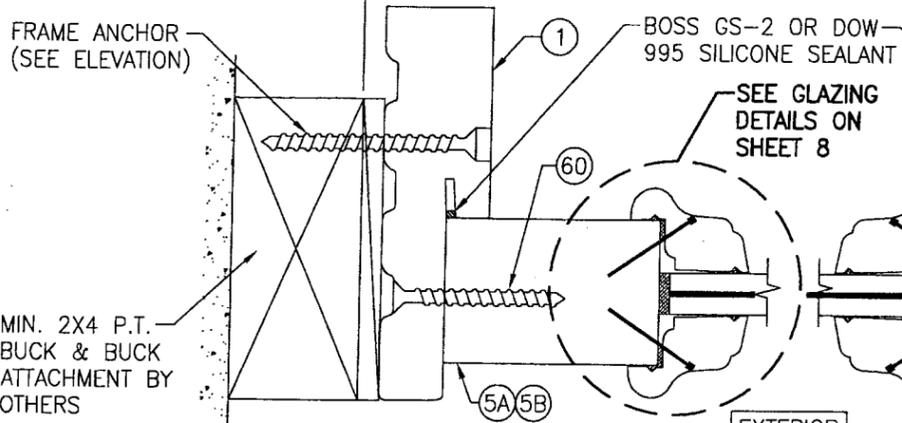
SECTION J2
SCALE: 1/2 FULL
FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS

TRANSOM WINDOW (REF. OTHER APPROVAL)

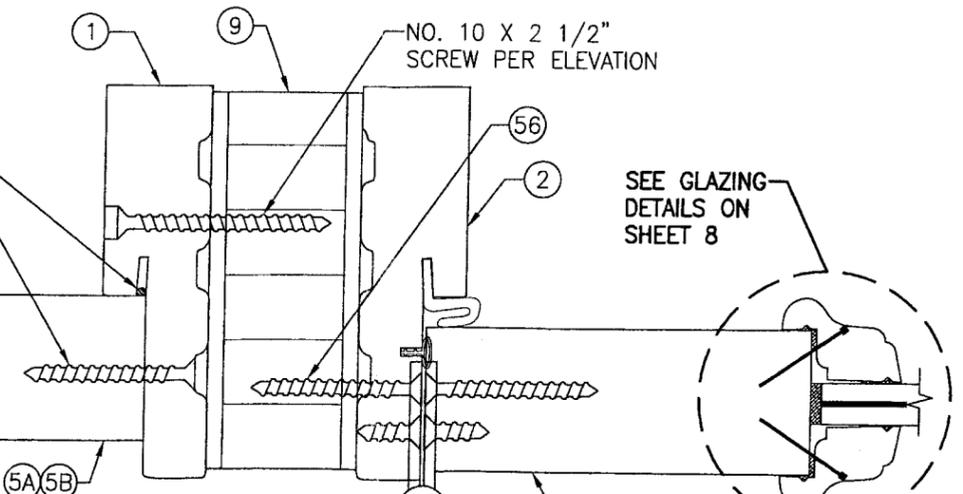


SECTION G2
SCALE: 1/2 FULL
FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS

1/4" MAX. SHIM
FRAME WIDTH (F.W.)



SECTION H
SCALE: 1/2 FULL

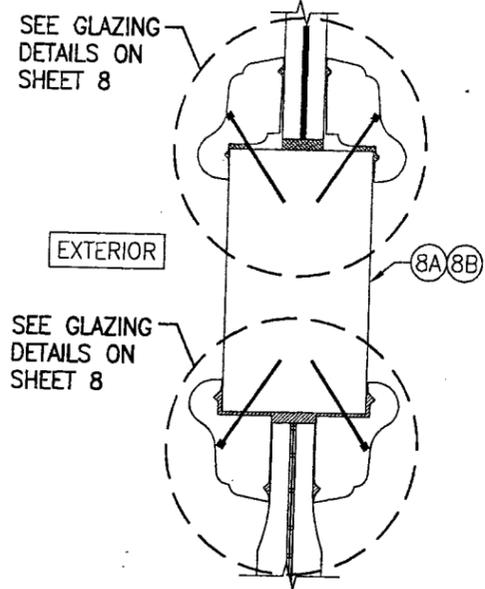


SECTION J1
SCALE: 1/2 FULL
FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS

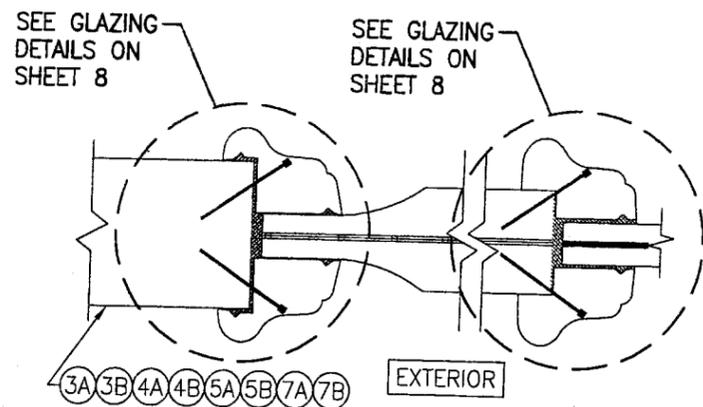
SEE GLAZING DETAILS ON SHEET 8

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No. 06-1228.05
Expiration Date MAR 21, 2012
By Ishay I. Chauda
Miami Dade Product Control Division

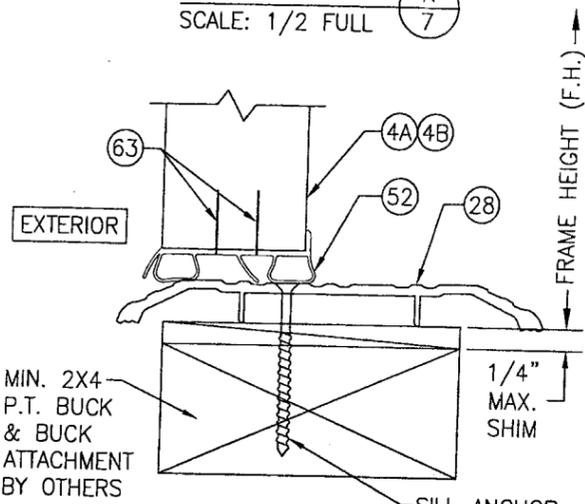
DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 11/12/03
NO.	REVISION DESCRIPTION
DATE	BY
DRAWING TITLE 8 FOOT WOOD OUTSWING IMPACT DOORS	
MANUFACTURER SIGNATURE DOOR INC. 401 JUNIATA STREET ALTOONA, PA 16602 814-949-2770	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903	
CERTIFICATION MAR 20 2012	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1069	REV.
SHEET NO. 6 OF 10	



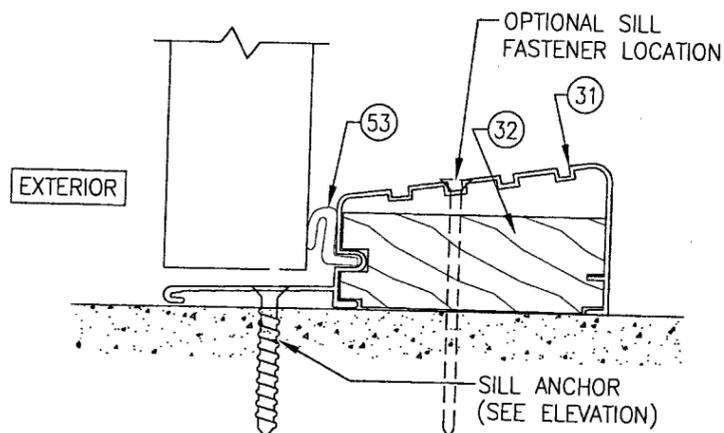
SECTION K
SCALE: 1/2 FULL



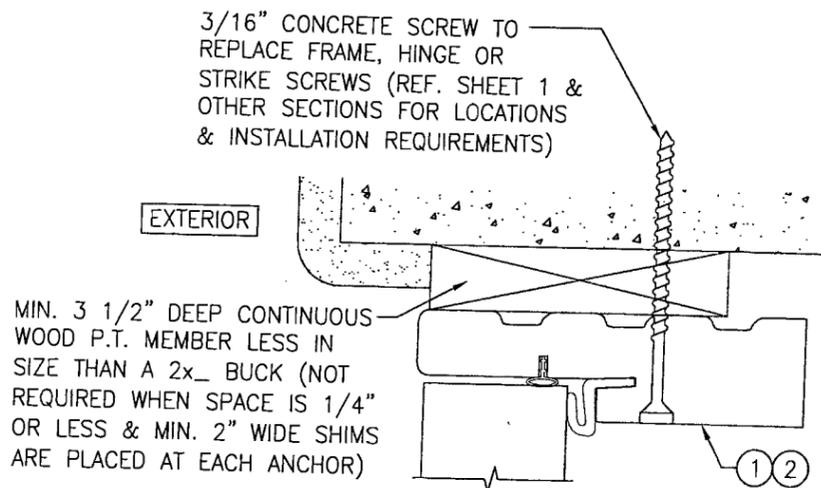
SECTION L
SCALE: 1/2 FULL



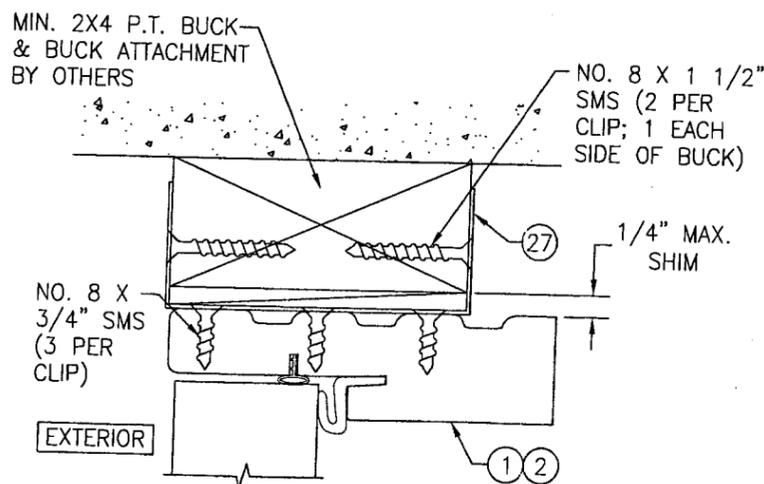
OPTIONAL ADA THRESHOLD DETAIL
FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS



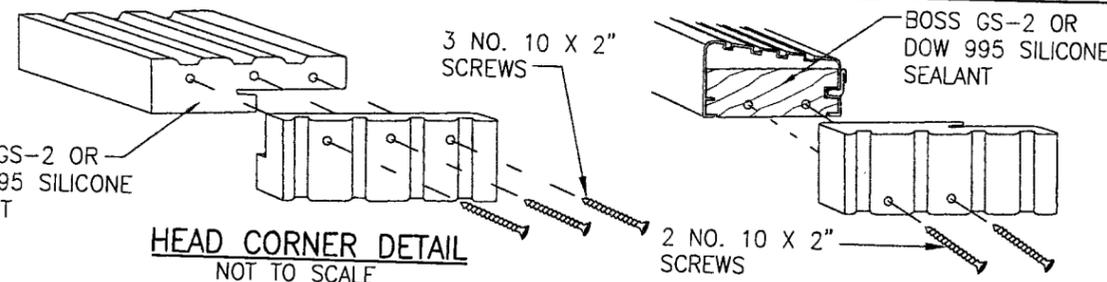
OPTIONAL BUMPER THRESHOLD DETAIL
FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS



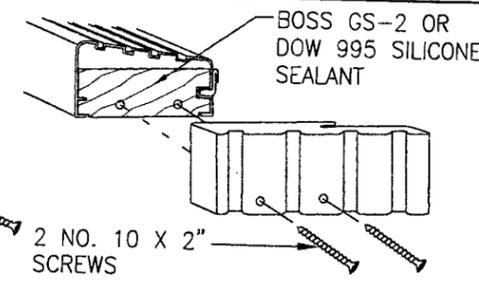
OPTIONAL DIRECT MOUNT DETAIL
FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS
(HEAD SECTION SHOWN, SIDES AND SILL SIMILAR)



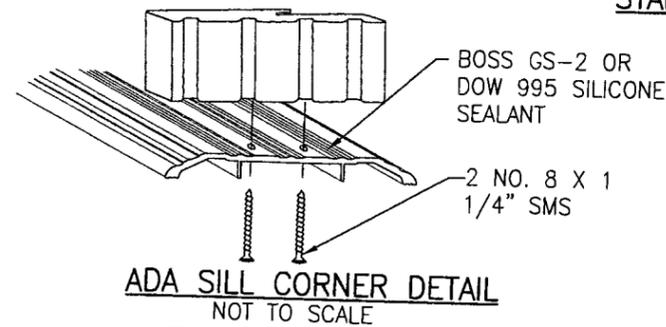
OPTIONAL CLIP MOUNT DETAIL
FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS
(HEAD SECTION SHOWN, SIDES AND SILL SIMILAR)



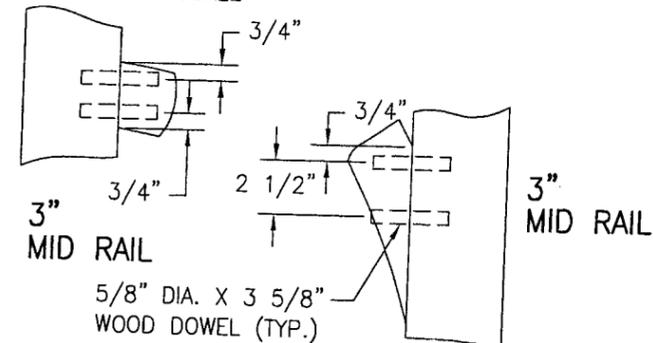
HEAD CORNER DETAIL
NOT TO SCALE



STANDARD SILL CORNER DETAIL
NOT TO SCALE

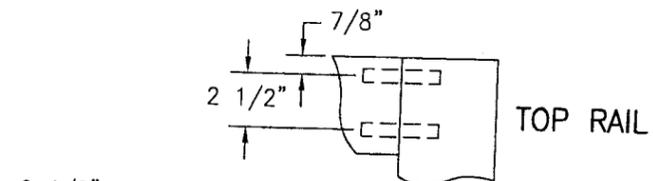


ADA SILL CORNER DETAIL
NOT TO SCALE

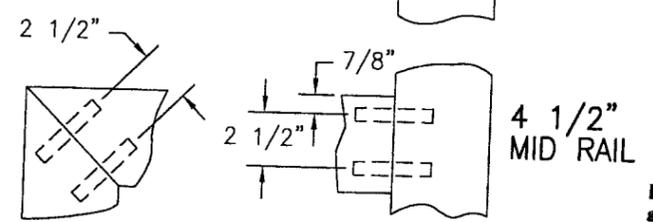


3" MID RAIL

3" MID RAIL

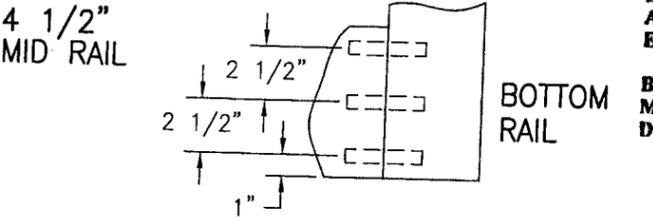


TOP RAIL



4 1/2" MID RAIL

4 1/2" MID RAIL



BOTTOM RAIL

PANEL CORNER DETAILS
NOT TO SCALE

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

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 11/12/03
NO.	REVISION DESCRIPTION
DATE	BY

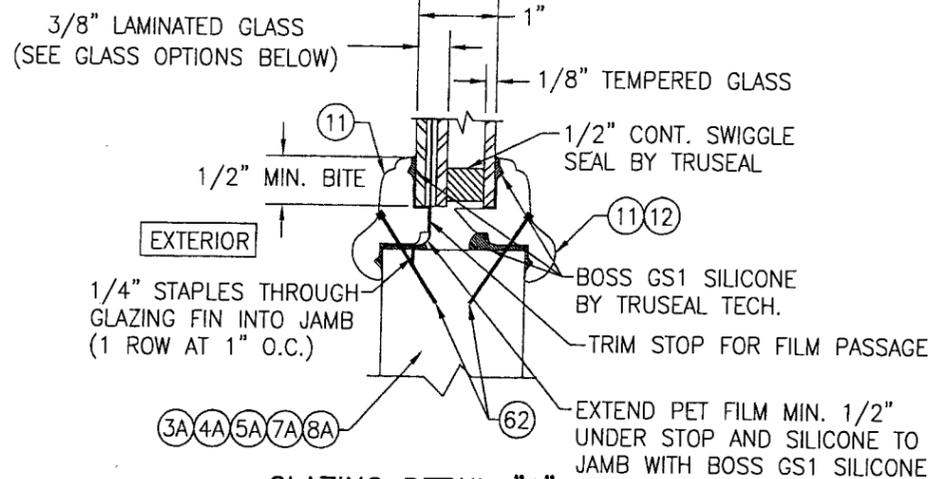
8 FOOT WOOD OUTSWING IMPACT DOORS
MANUFACTURER
SIGNATURE DOOR INC.
401 JUNIATA STREET
ALTOONA, PA 16602
814-949-2770

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

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No. 06-1228.09
Expiration Date: MAR 21, 2012

By: *Ishag Chaudhry*
Miami Dade Product Control Division

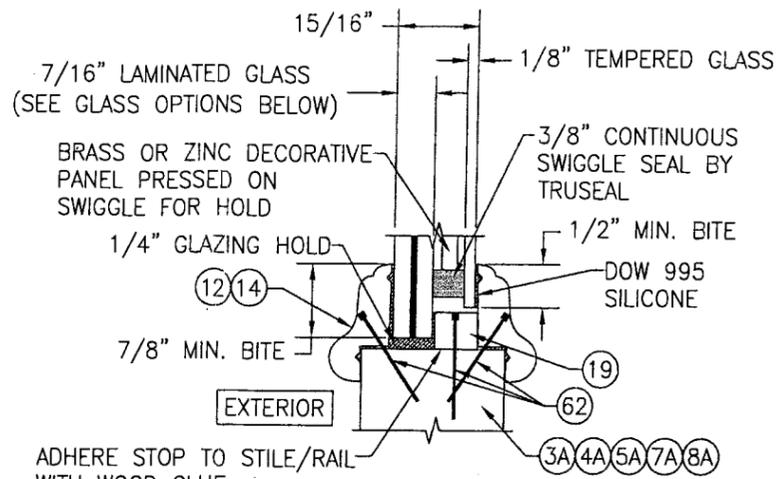
CERTIFICATION MAR 20 2007	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1069	REV.
SHEET NO. 7	OF 10



GLAZING DETAIL "1"

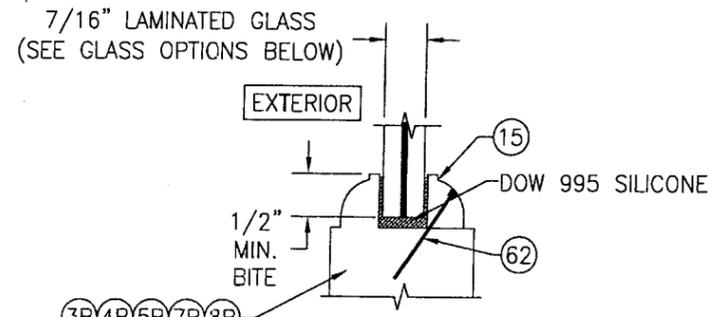
GLASS OPTION (GLAZING DETAIL 1)

- OPTION 1: 3/8" THICK NEBULA GLASSLAM SAFETY-PLUS LAMINATED GLASS (1/8" H.S./0.077 RESIN/0.009 PET/0.077 RESIN/1/8" H.S.)
- OPTION 2: 3/8" THICK NEBULA GLASSLAM SAFETY-PLUS LAMINATED GLASS (1/8" AN./0.077 RESIN/0.009 PET/0.077 RESIN/1/8" AN.)



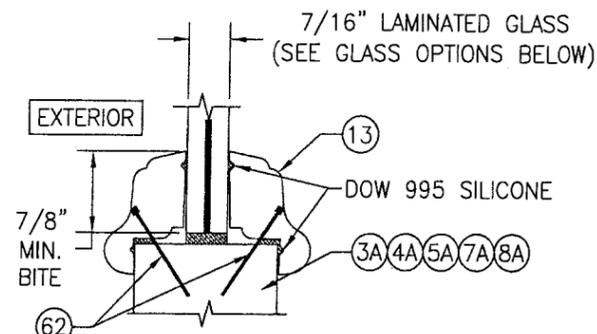
GLAZING DETAIL "2"

SCALE: 1/2 FULL



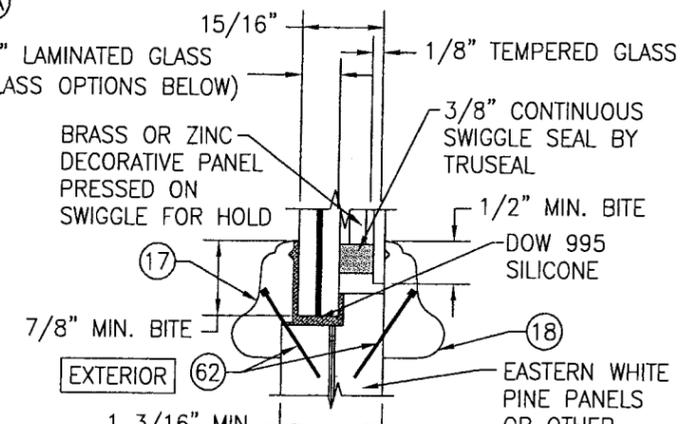
GLAZING DETAIL "4"

SCALE: 1/2 FULL



GLAZING DETAIL "3"

SCALE: 1/2 FULL



GLAZING DETAIL "5"

SCALE: 1/2 FULL

LAMINATED GLASS OPTIONS (GLAZING DETAIL 2, 3, 4 & 5)

- OPTION 3: 7/16" THICK GLASSLAM SAFETY PLUS II LAMINATED GLASS (3/16" AN/0.1" POLYURETHANE POLYMER/3/16" AN)
- OPTION 4: 7/16" THICK OLDCASTLE STORMGLASS LAMINATED GLASS (3/16" AN/0.075" STORMGLASS/3/16" AN)
- OPTION 5: 7/16" THICK SENTRY GLASS PLUS LAMINATED GLASS (3/16" AN/0.09" SGP/3/16" AN)

ALLOWABLE DESIGN PRESSURE (WITH GLASS OPTION 2 ONLY)

D.L.O. WIDTH	(1) DESIGN LOAD CAPACITY (PSF)							
	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.
17"	65.0	80.0	65.0	80.0	65.0	80.0	65.0	80.0
19"	65.0	77.2	65.0	76.1	65.0	74.2	65.0	71.6
21"	63.9	63.9	62.6	62.6	60.9	60.9	58.8	58.8
23"	54.8	54.8	53.7	53.7	51.6	51.6	49.0	49.0
26"	44.1	44.1	43.0	43.0	41.0	41.0	38.6	38.6
28.75"	37.9	37.9	36.8	36.8	34.7	34.7	32.2	32.2
D.L.O. HEIGHT	64"		67"		73"		82.75"	

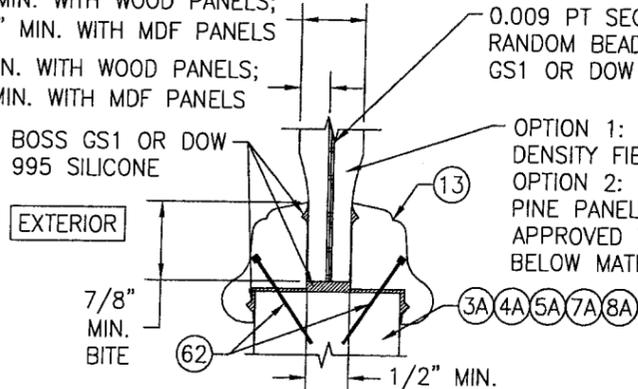
ALLOWABLE DESIGN PRESSURE (WITH GLASS OPTIONS 1, 3, 4 & 5 ONLY)

(1) +65/-80 PSF (ALL DOOR SIZES)

NOTE: WHEN A SINGLE POINT MORTISE LOCK IS USED, THE ALLOWABLE DESIGN PRESSURE SHALL BE LIMITED TO THE LESSER OF +/-60 PSF OR THE APPLICABLE LOAD IN THE LOAD TABLE.

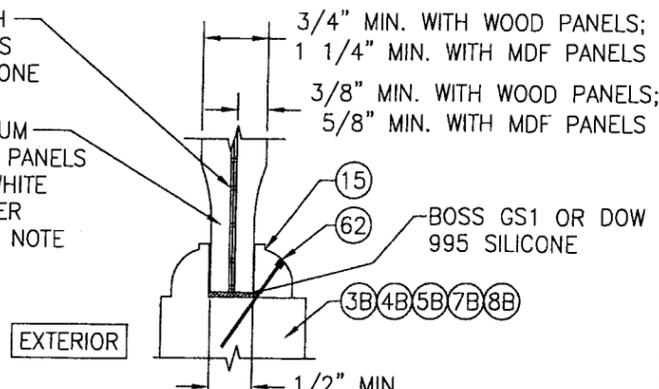
(1) POSITIVE PRESSURE NOTE: DOORS ARE APPROVED FOR WATER INFILTRATION RESISTANCE WHEN THE BUMPER THRESHOLDS (ITEMS 29 & 31) ARE USED. WHEN THE "ADA" THRESHOLD IS USED, THESE DOORS ARE NOT APPROVED FOR WATER INFILTRATION RESISTANCE UNLESS THE UNITS ARE INSTALLED IN A NON-HABITABLE AREA WHERE THE UNIT 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.

- 3/4" MIN. WITH WOOD PANELS;
- 1 1/4" MIN. WITH MDF PANELS
- 3/8" MIN. WITH WOOD PANELS;
- 5/8" MIN. WITH MDF PANELS



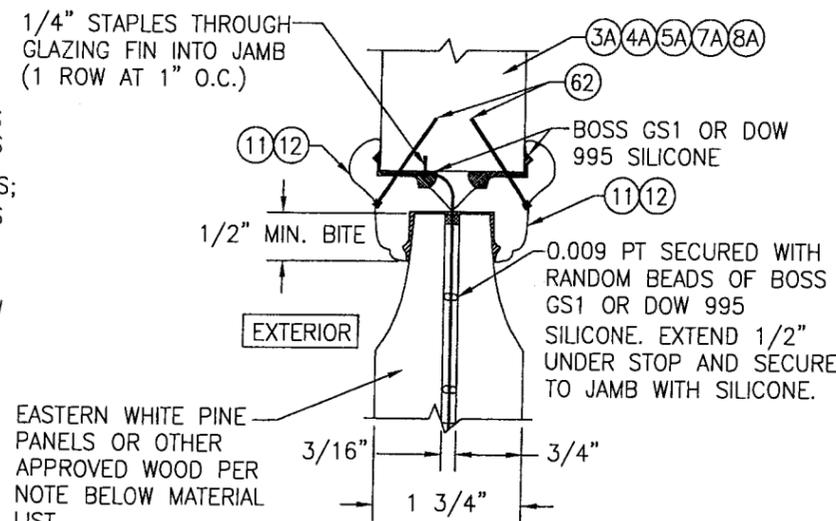
GLAZING DETAIL "6"

SCALE: 1/2 FULL



GLAZING DETAIL "7"

SCALE: 1/2 FULL



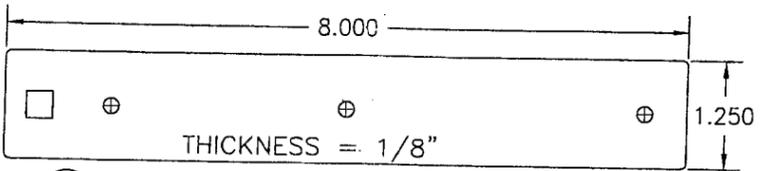
GLAZING DETAIL "8"

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No. 06-12-28-09
Expiration Date MAR 21, 2011
By: *Ishag I. Ughade*
Miami Dade Product Control Division

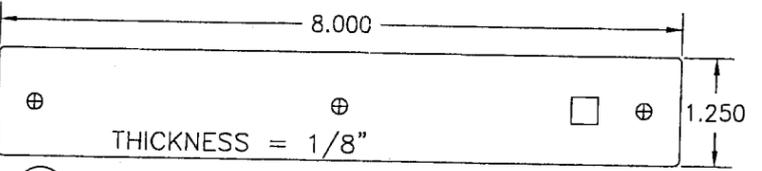
DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 11/12/03
NO.	REVISION DESCRIPTION
DATE	BY
DRAWING TITLE 8 FOOT WOOD OUTSWING IMPACT DOORS	
MANUFACTURER SIGNATURE DOOR INC. 401 JUNIATA STREET ALTOONA, PA 16602 814-949-2770	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903	
CERTIFICATION MAR 20 2007	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1069	REV.
SHEET NO. 8 OF 10	

ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS		
1	FIXED PANEL & ADA DOOR JAMB	* WOOD (LAMINATED WITH CURVED JAMB)
2	OPERABLE DOOR JAMB	* WOOD (LAMINATED WITH CURVED JAMB)
3A	TOP RAIL	LVL OR LAMINATED RED OAK CORE (PINE VENEER)
3B	TDL TOP RAIL	LVL OR LAMINATED RED OAK CORE (PINE VENEER)
4A	BOTTOM RAIL	LVL OR LAMINATED RED OAK CORE (PINE VENEER)
4B	TDL BOTTOM RAIL	LVL OR LAMINATED RED OAK CORE (PINE VENEER)
5A	FIXED STILE	LVL OR LAMINATED RED OAK CORE (PINE VENEER)
5B	TDL FIXED STILE	LVL OR LAMINATED RED OAK CORE (PINE VENEER)
6	ASTRAGAL	* WOOD
7A	OPERABLE STILE	LVL OR LAMINATED RED OAK CORE (PINE VENEER)
7B	TDL OPERABLE STILE	LVL OR LAMINATED RED OAK CORE (PINE VENEER)
8A	MID-RAIL	LVL OR LAMINATED RED OAK CORE (PINE VENEER)
8B	TDL MID-RAIL	LVL OR LAMINATED RED OAK CORE (PINE VENEER)
9	WOOD MULLION	LVL OR LAMINATED RED OAK CORE (PINE VENEER)
10	MULLION BAR	A36 STEEL
11	GLAZING BEAD	* WOOD
12	GLAZING BEAD	* WOOD
13	GLAZING BEAD	* WOOD
14	GLAZING BEAD	* WOOD
15	GLAZING BEAD	* WOOD
16	JAMB REINF. PLATE (.044" X 4.00" X 8.00")	GALVANIZED STEEL (NOT REQ'D WITH CURVED JAMBS)
17	GLAZING BEAD	* WOOD
18	GLAZING BEAD	* WOOD
19	GLASS STOP	* WOOD
20	ACTIVE PANEL CORNER REINFORCEMENT	STAINLESS STEEL - TO BE USED WITH ANY OF THE LOCK SYSTEMS
21	INACTIVE PANEL CORNER REINFORCEMENT	STAINLESS STEEL - TO BE USED WITH ANY OF THE LOCK SYSTEMS
22	ACTIVE PANEL CORNER REINFORCEMENT	BRASS OR STAINLESS STEEL - TO BE ONLY USED WITH FUHR LOCKS (ITEMS 36B & 37B)
23	INACTIVE PANEL CORNER REINFORCEMENT	BRASS OR STAINLESS STEEL - TO BE ONLY USED WITH FUHR LOCKS (ITEMS 36B & 37B)
24	SILL STRIKE PLATE	STAINLESS STEEL - TO BE USED WITH ANY OF THE LOCK SYSTEMS
25	HEAD STRIKE PLATE	STAINLESS STEEL - TO BE USED WITH ANY OF THE LOCK SYSTEMS
26	HEAD & SILL STRIKE PLATE	BRASS OR STAINLESS STEEL - TO BE ONLY USED WITH FUHR LOCKS (ITEMS 36B & 37B)
27	MOUNTING CLIP	18 GA. GALVANIZED STEEL
28	ADA THRESHOLD	HAGAR 401-S
29	OUTSWING THRESHOLD	IMPERIAL 50CW; TO BE USED WITH ITEM 30
30	BUMPER SILL	HARDWOOD; TO BE USED WITH ITEM 29
31	ALUMINUM THRESHOLD	6063-T5 ALUMINUM
32	THRESHOLD FILLER	POPLAR
HARDWARE		
35	4" X 4" BUTT HINGE	PENROD MH40AUPC (STEEL)
36	4" X 4" BALL BEARING HINGE	PENROD MH40BBTP (BRASS)
37	4" X 4" BALL BEARING HINGE	BALDWIN 1041 (BRASS)
38	4" X 4" BALL BEARING HINGE	PENROD MH40BBPC (STEEL)
39	5-POINT ACTIVE PANEL LOCK SYS.	HOPPE HLS9000 ROUND BOLT/SHOOT BOLT
40	2-POINT INACTIVE PANEL LOCK SYS.	HOPPE HLS9000 SHOOT BOLT
41	3-POINT ACTIVE PANEL LOCK SYS.	HOPPE HLS9000 ROUND BOLT
42	5-POINT ACTIVE PANEL LOCK SYS.	GU RHINO
43	5-POINT ACTIVE PANEL LOCK SYS.	FUHR
44	2-POINT INACTIVE PANEL LOCK SYS.	GU EUROPA
45	2-POINT INACTIVE PANEL LOCK SYS.	FUHR
46	HANDLE	AS REQ'D TO FIT LOCK SYSTEM
47	LOCK STRIKE PLATE	AS SUPPLIED WITH LOCK SYSTEM
48	3-POINT ACTIVE PANEL LOCK SYS.	GU RHINO
49	3-POINT ACTIVE PANEL LOCK SYS.	FUHR
SEALS AND SEALANTS		
50	WEATHER SEAL	HOLM INDUSTRIES JF65814
51	BULB WEATHERSTRIPPING	ULTRAFAB E10210BN3020
52	DOOR SWEEP	IMPERIAL FBS30B/FBS36B
53	WEATHER SEAL	HOLM INDUSTRIES NO. JF87

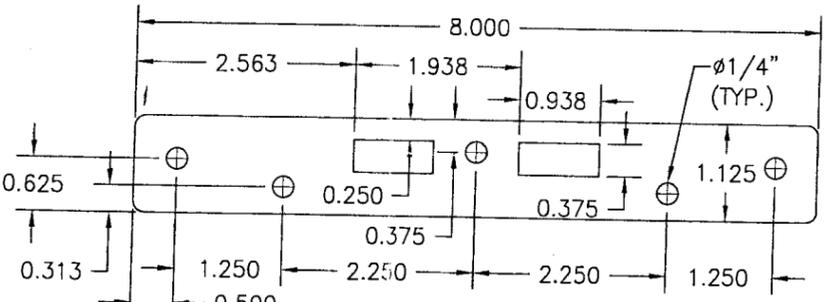
ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
MISC. FASTENERS		
55	NO. 9 X 3/4" SMS	2 PER HINGE LEAF INTO JAMB & STILE
56	NO. 10 X 2" SMS	2 PER HINGE LEAF INTO STILE & WOOD MULLION
58	NO. 10 X 1 1/2" SMS	2 PER HINGE LEAF INTO STEEL MULLION
59	NO. 10 X 2" SMS	4 PER DOOR REINFORCEMENT PLATE
60	NO. 10 X 2" SMS	6" FROM CORNERS & 16" MAX O.C.
61	NO. 10 X 2" SMS	6" FROM CORNERS & MID SPAN ON SILL
62	1 3/16" BRAD NAIL	1" FROM CORNERS & 8" O.C.
63	1/2" X 3/4" STAPLE	3/4" FROM CORNERS & 6" O.C. STAGGERED
64	NO. 10 X 2 1/2" SMS	3" FROM ENDS & 22" O.C. THRU ASTRAGAL
65	NO. 6 X 3/4" SCREW	2 PER STRIKE PLATE



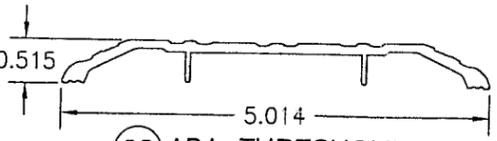
22 ACTIVE PANEL CORNER REINFORCEMENT



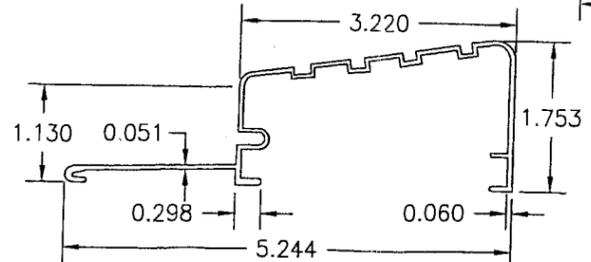
23 INACTIVE PANEL CORNER REINFORCEMENT



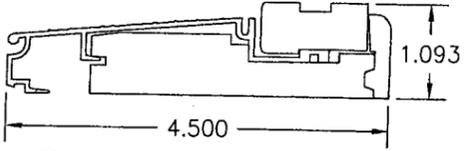
25 HEAD STRIKE PLATE
THICKNESS = 1/8"



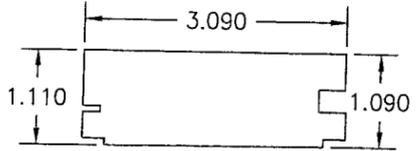
28 ADA THRESHOLD



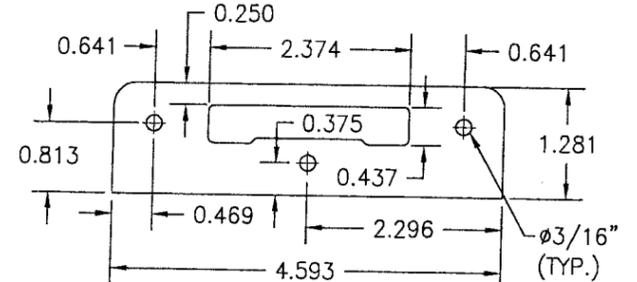
31 ALUMINUM THRESHOLD



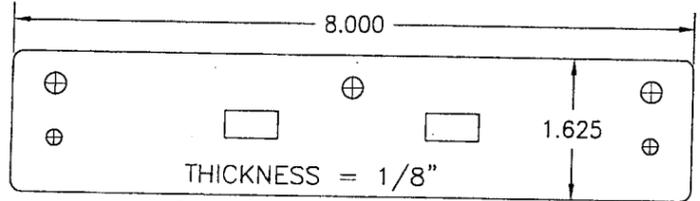
29 OUTSWING THRESHOLD



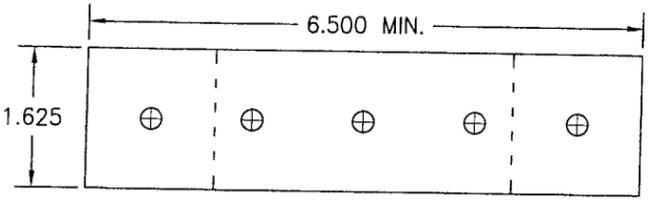
32 THRESHOLD FILLER



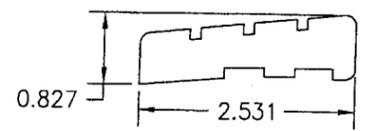
24 SILL STRIKE PLATE
THICKNESS = 3/32"



26 HEAD & SILL STRIKE PLATE



27 MOUNTING CLIP
THICKNESS = 0.044"



30 BUMPER SILL

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 06-122809
Expiration Date MAR 21, 2012
By (Signature) I. Chandra
Miami Dade Product Control
Division

* WOOD USED WITH TEST UNITS WAS GRADE 2 EASTERN WHITE PINE. WOOD SPECIES TO BE APPLICABLE WITH THESE WINDOWS IS MIN. GRADE 2 MAHOGANY, SOUTHERN PINE, PONDEROSA PINE, OAK, CHERRY, MAPLE, DOUGLAS FIR, TEAK, CYPRUS & ANY OTHER GRADE 2 WOOD STRONGER THAN EASTERN PINE.

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1-2	DATE: 11/12/03
NO.	REVISION DESCRIPTION

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

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

DRAWING NO. 1069	REV.
SHEET NO. 10	OF 10