



**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 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 Inswing Impact Doors

APPROVAL DOCUMENT: Drawing No. 1257, titled "8 Foot Wood Panel Inswing Impact Doors", sheets 1 through 10 of 10, prepared by Warren W. Schaefer, P. E., dated 11/25/03, revised 11/17/08, bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large Impact Test

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 **revises and renews NOA # 04-0211.08** 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 **Fitz A. Harris, P.E.**



Fitz A. Harris
3/3/09

**NOA No 08-1202.09
Expiration Date: April 22, 2014
Approval Date: March 25, 2009
Page 1**

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **1257**, titled "8 Foot Wood Panel Inswing Impact Doors", sheets 1 through 10 of 10, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 11/25/03, revised on 11/17/08 signed and sealed by Warren 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) Large Missile Impact Test per FBC, TAS 201-94
4) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an inswing wood door, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL- 0243-1013-03**, Specimen # 1, dated October 6, 2003, 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 02-94
3) Large Missile Impact Test per FBC, TAS 201-94
4) Cyclic Wind Pressure Loading per FBC, TAS 203-94
5) Forced Entry Test, per FBC 2411.3.2.1(b) and TAS 202-94
along with marked-up drawings and installation diagram of an inswing wood door, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL- 0243-1013-03**, Specimen # 2, dated October 7, 2003, 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 02-94
3) Large Missile Impact Test per FBC, TAS 201-94
4) Cyclic Wind Pressure Loading per FBC, TAS 203-94
5) Forced Entry Test, per FBC 2411.3.2.1(b) and TAS 202-94
along with marked-up drawings and installation diagram of an inswing wood door, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL - 0243-1013-03**, Specimen # 4, dated October 8, 2003, signed and sealed by Vinu J. Abraham, P. E.


Fitz A. Harris, P.E.

Product Control Examiner
NOA No 08-1202.09
Expiration Date: April 22, 2014
Approval Date: March 25, 2009

Signature Door, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. 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(b) and TAS 202-94
- along with marked-up drawings and installation diagram of an inswing wood door, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL - 0243-1013-03**, Specimen # 6, dated October 21, 2003, signed and sealed by Vinu J. Abraham, P. E.

C. CALCULATIONS

1. Anchor Calculations and ASTM-E1300-98 analysis, dated 01/20/04, revised on 03/20/07, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren Schaefer, P.E.

D. QUALITY ASSURANCE

1. Miami Dade County Building Code Compliance Office.

E. MATERIAL CERTIFICATIONS

None

F. STATEMENTS

1. Statement letter of conformance, dated November 17, 2008, signed and sealed by Warren W. Schaefer, P. E.
2. Statement letter of no financial interest, dated November 17, 2008, signed and sealed by Warren W. Schaefer, P. E.

G. OTHER

1. Letter from the consultant stating that the product is in compliance with the 2007 Florida Building Code (FBC).



Fitz A. Harris, P.E.
Product Control Examiner
NOA No 08-1202.09
Expiration Date: April 22, 2014
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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 WHEN USED IN CONJUNCTION WITH LOAD COMBINATIONS SPECIFIED IN SECTION 2.0 OF 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.

| HINGE REQUIREMENTS | |
|--------------------|----------------|
| DOOR HEIGHT | # HINGES REQ'D |
| 6'-8" | 3 |
| TALLER THAN 6'-8" | (1) 4 |

(1) 3 HINGES REQUIRED WITH ALL HEIGHTS OF DOUBLE HALF ROUND & SINGLE QUARTER ROUND DOORS

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

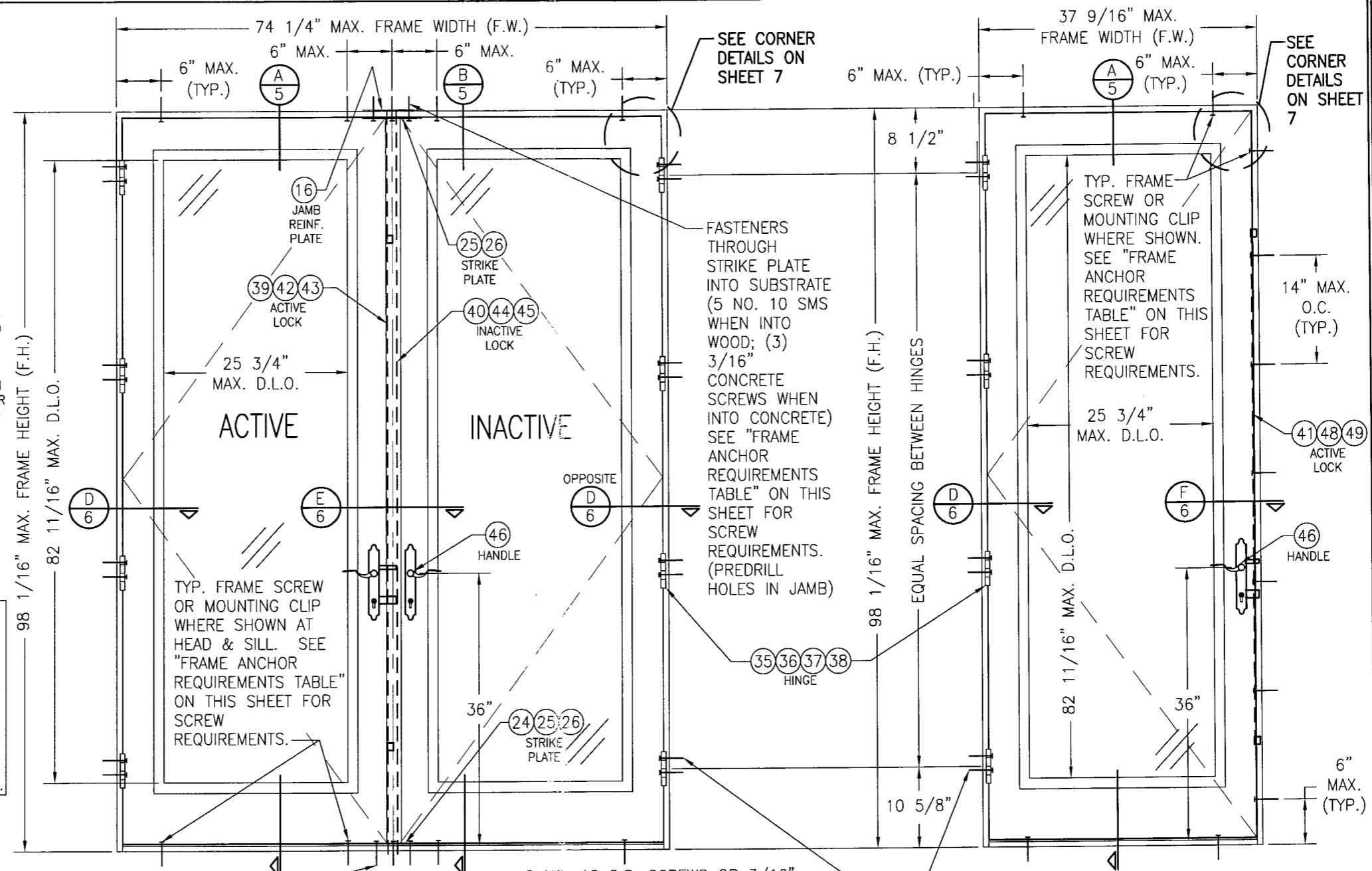
ALLOWABLE DESIGN PRESSURE
SEE LOAD TABLE ON SHEET 8

FASTENERS THROUGH STRIKE PLATE INTO SUBSTRATE WITH BUMPER SILL (5 NO. 10 SMS WHEN INTO WOOD; (3) 3/16" CONCRETE SCREWS WHEN INTO CONCRETE). WHEN ADA SILL IS USED, THERE IS NO STRIKE PLATE AND ALL ANCHORS RUN THROUGH SILL ONLY INTO SUBSTRATE.

FRAME ANCHOR REQUIREMENTS TABLE

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

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

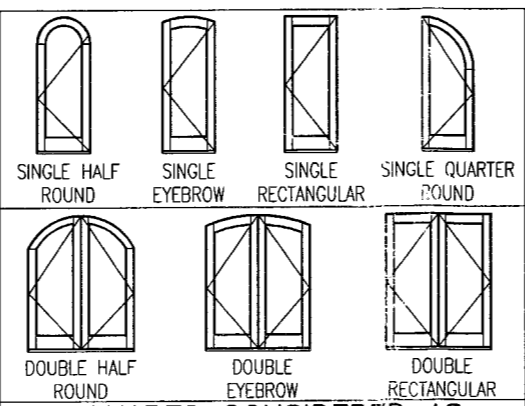


INTERIOR ELEVATION DOUBLE INSWING DOOR
SCALE: 3/4"=1'-0"

2 NO. 10 S.S. SCREWS OR 3/16" CONCRETE SCREWS THROUGH HINGE & JAMB INTO SUBSTRATE (2 PER HINGE). SEE "FRAME ANCHOR REQUIREMENTS TABLE" FOR SCREW REQUIREMENTS.

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

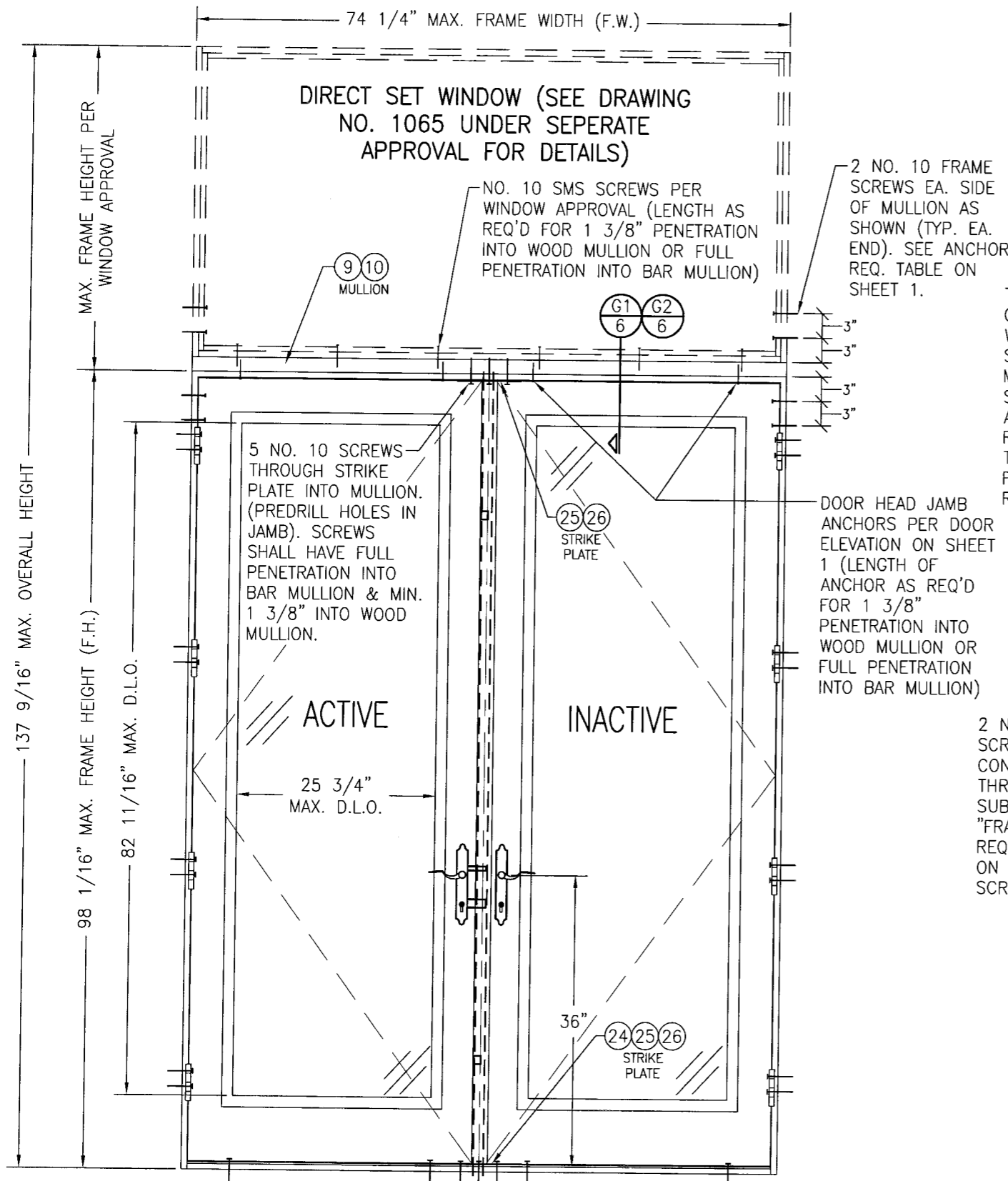
NOTE: SINGLE DOOR SHOWN HAS THE 3-POINT LOCK SYSTEMS. AN ALTERNATE LOCK MAY BE A SINGLE POINT BALDWIN 6021 MORTISE LOCK. IF THE MORTISE LOCK IS USED, ALLOWABLE DESIGN PRESSURE SHALL BE THE LESSER OF +/-60 PSF. OR THE LOADS IN THE LOAD TABLES.



SHAPES CONSIDERED AS PART OF THIS APPROVAL

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No. 08-1202-09
Expiration Date 4-22-2014
By *Dick Harris*
Miami-Dade Product Control Division

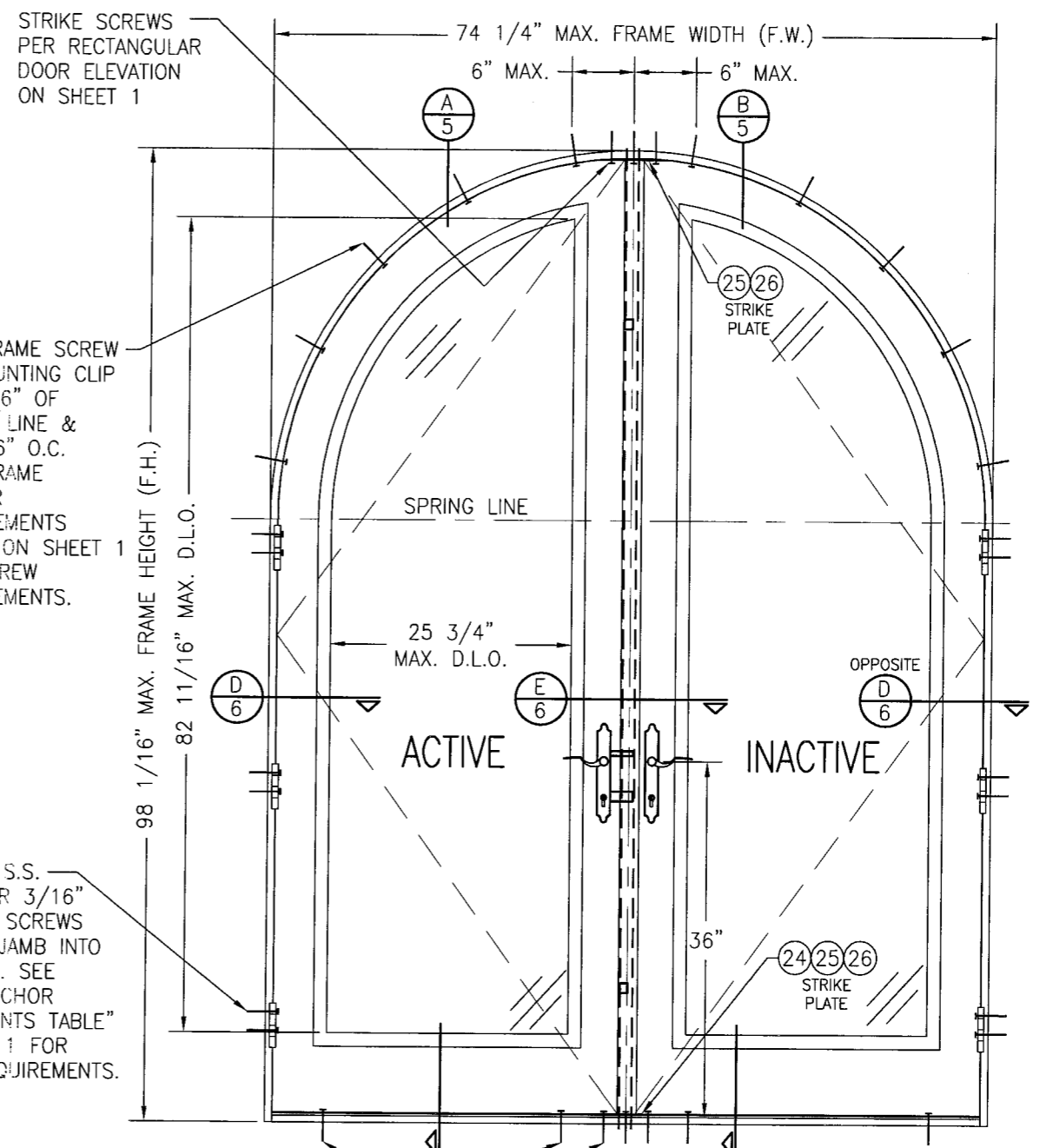
| | |
|--|--------------------|
| DRAWN BY: K.P.S. | CHECKED BY: W.W.S. |
| PLOT: 1=16 | DATE: 11/25/03 |
| DATE: 11/17/08 | |
| BY: WRM | |
| REVISION DESCRIPTION | |
| NO. 1 | UPDATE FOR RENEWAL |
| 8 FOOT WOOD INSWING IMPACT DOORS | |
| MANUFACTURER | |
| SIGNATURE DOOR INC. 401 JUNIATA STREET ALTOONA, 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 | |
| NOV 17 2008 WARREN W. SCHAEFER, P.E. P.E. NO. 44135 | |
| DRAWING NO. 1257 | REV. A |
| SHEET NO. 1 OF 10 | |



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

SEE DOUBLE DOOR ELEVATION ON SHEET 1 FOR DETAIL NOT SHOWN

SILL AND STRIKE
PLATE ANCHORS
PER ELEVATION ON
SHEET 1



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

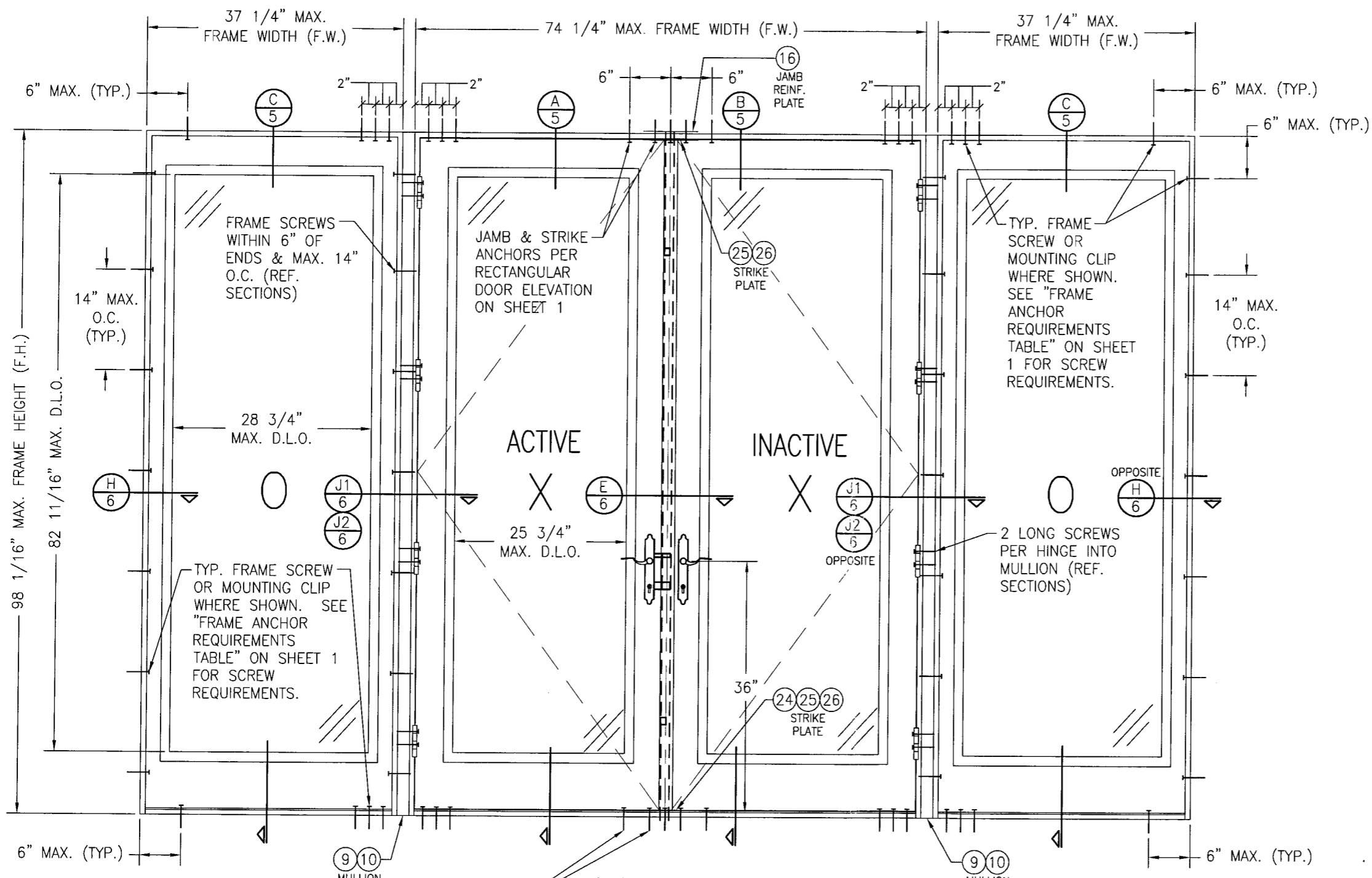
SEE DOUBLE DOOR ELEVATION ON SHEET 1 FOR DETAIL NOT SHOWN

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. **08-1202-09**
Expiration Date **4-22-2016**
By *Steve Harris*
Miami Code Product Control
Division

| | | | |
|--|----------|---|------|
| DRAWN BY: K.P.S. | | CHECKED BY: W.W.S. | |
| PLOT: 1-16 | | DATE: 11/25/03 | |
| NO. | REVISION | DESCRIPTION | DATE |
| | | | |
| | | | |
| | | | |
| DRAWING TITLE 8 FOOT WOOD INSURING 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 NOV 17 2008 | | | |
| DRAWING NO. 1257 | | REV. A | |
| SHEET NO. 2 OF 10 | | | |

| | |
|----------------------|-----------------------|
| DRAWN BY: K.P.S. | CHECKED BY: W.W.S. |
| PLOT: 1=16 | DATE: 11/25/03 |
| DATE | |
| BY | |
| REVISION DESCRIPTION | |
| NO. | |



**INTERIOR ELEVATION
MULTIPLE OPERABLE/FIXABLE UNIT**

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

NOTE: (FOR ANY DETAIL NOT SHOWN, SEE ELEVATION ON SHEET 1)
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.

SILL AND STRIKE
PLATE ANCHORS
PER ELEVATION ON
SHEET 1

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 08-1202-09
Expiration Date 4-22-2014
By John Harris
Miami Dade Product Control
Division

DRAWING TITLE: **8 FOOT WOOD INSWING IMPACT DOORS**

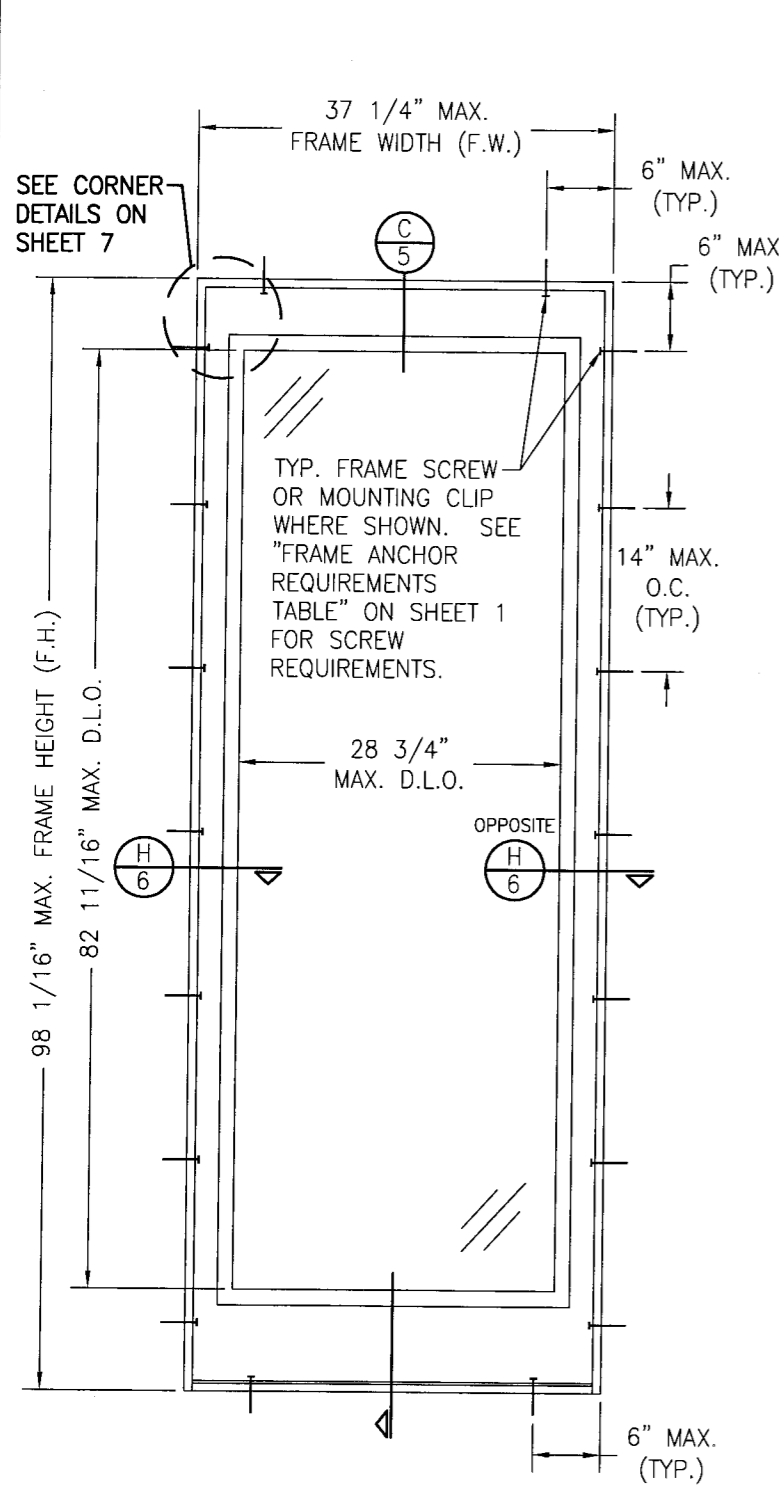
CONSULTANTS: **W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.**
8895 N. MILITARY TRAIL, SUITE C-204
PALM BEACH GARDENS, FL 33410
PHONE: 561-775-4902 FAX: 561-775-4903

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

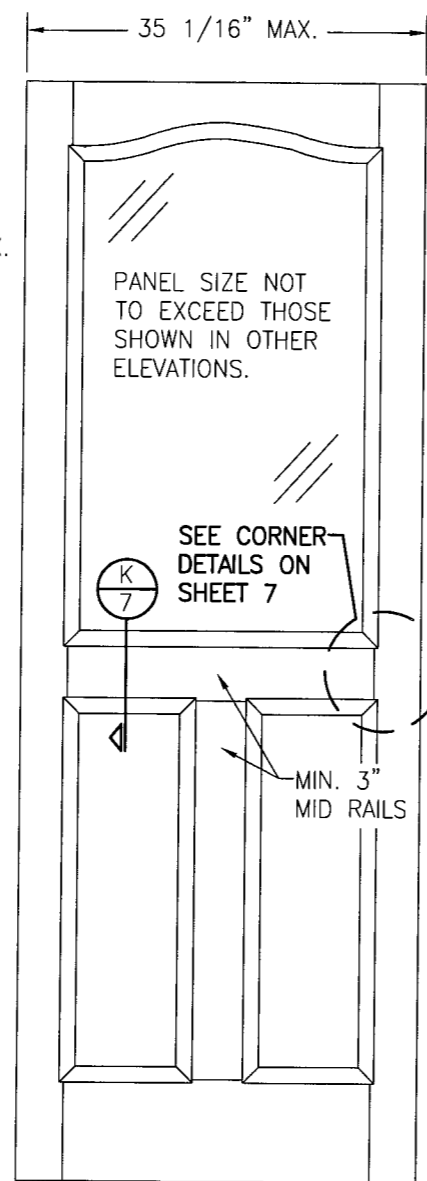
CERTIFICATION: **NOV 17 2008**

By Warren W. Schaefer, P.E.
P.E. NO. 44135

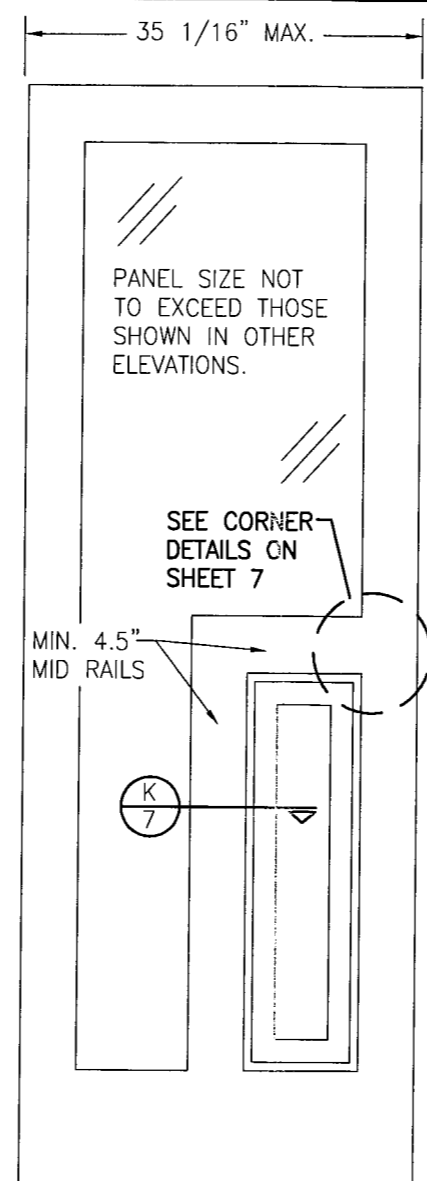
DRAWING NO. **1257** REV. **A**
SHEET NO. **3** OF **10**



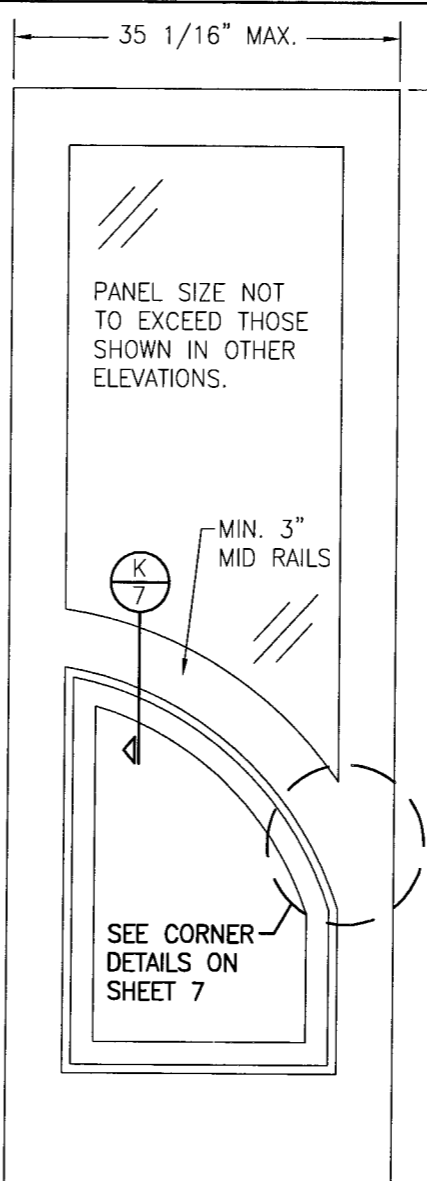
**INTERIOR ELEVATION
SINGLE FIXED PANEL**
SCALE: 3/4"=1'-0"



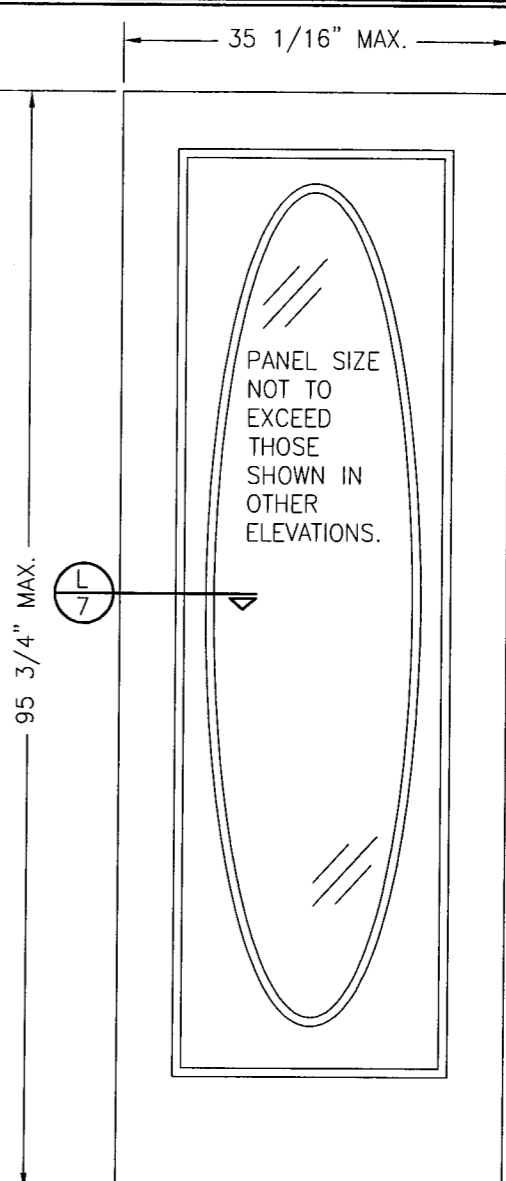
**INTERIOR ELEVATION SOLID
RAISED PANEL WITH
STANDARD MID RAILS**
SCALE: 3/4"=1'-0"



**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"



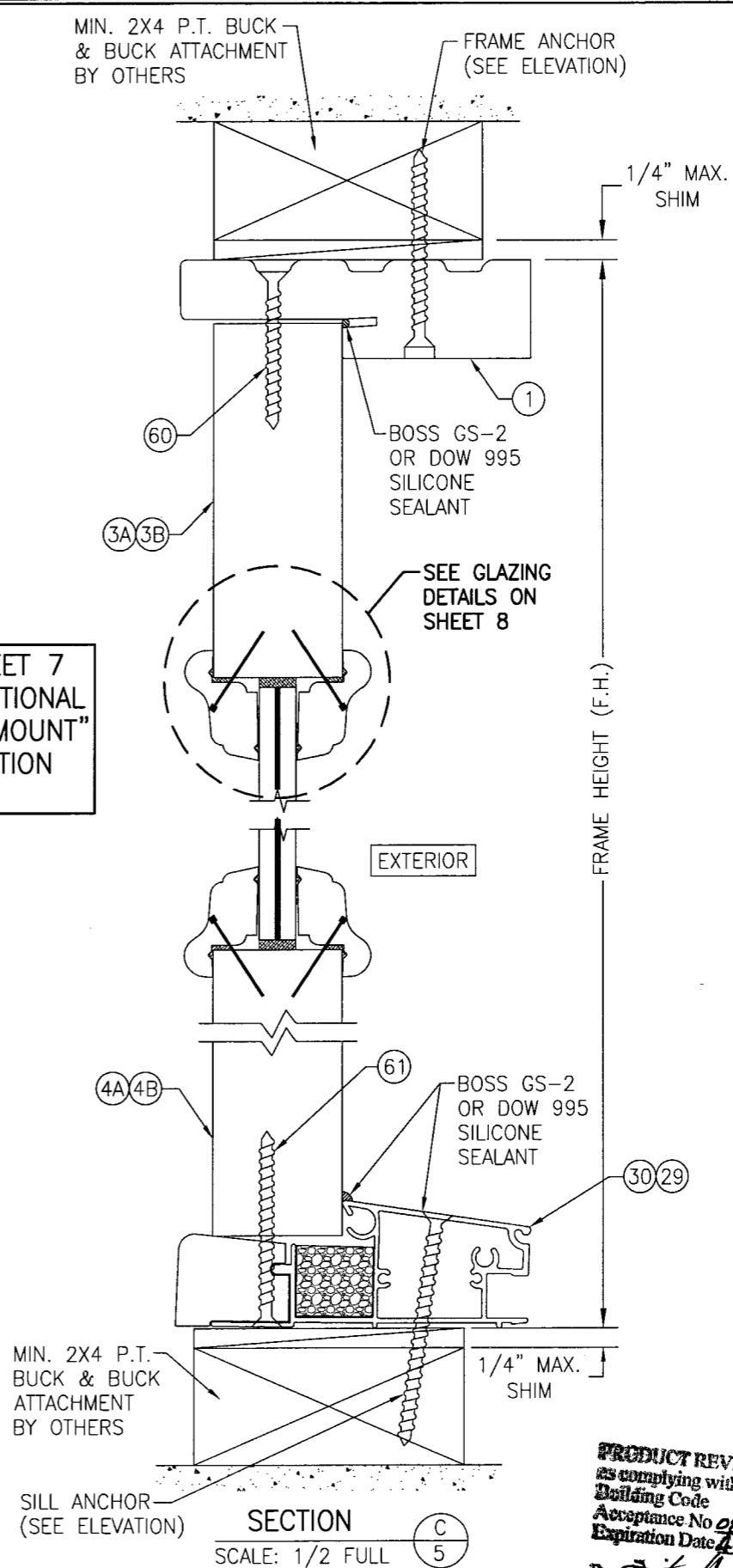
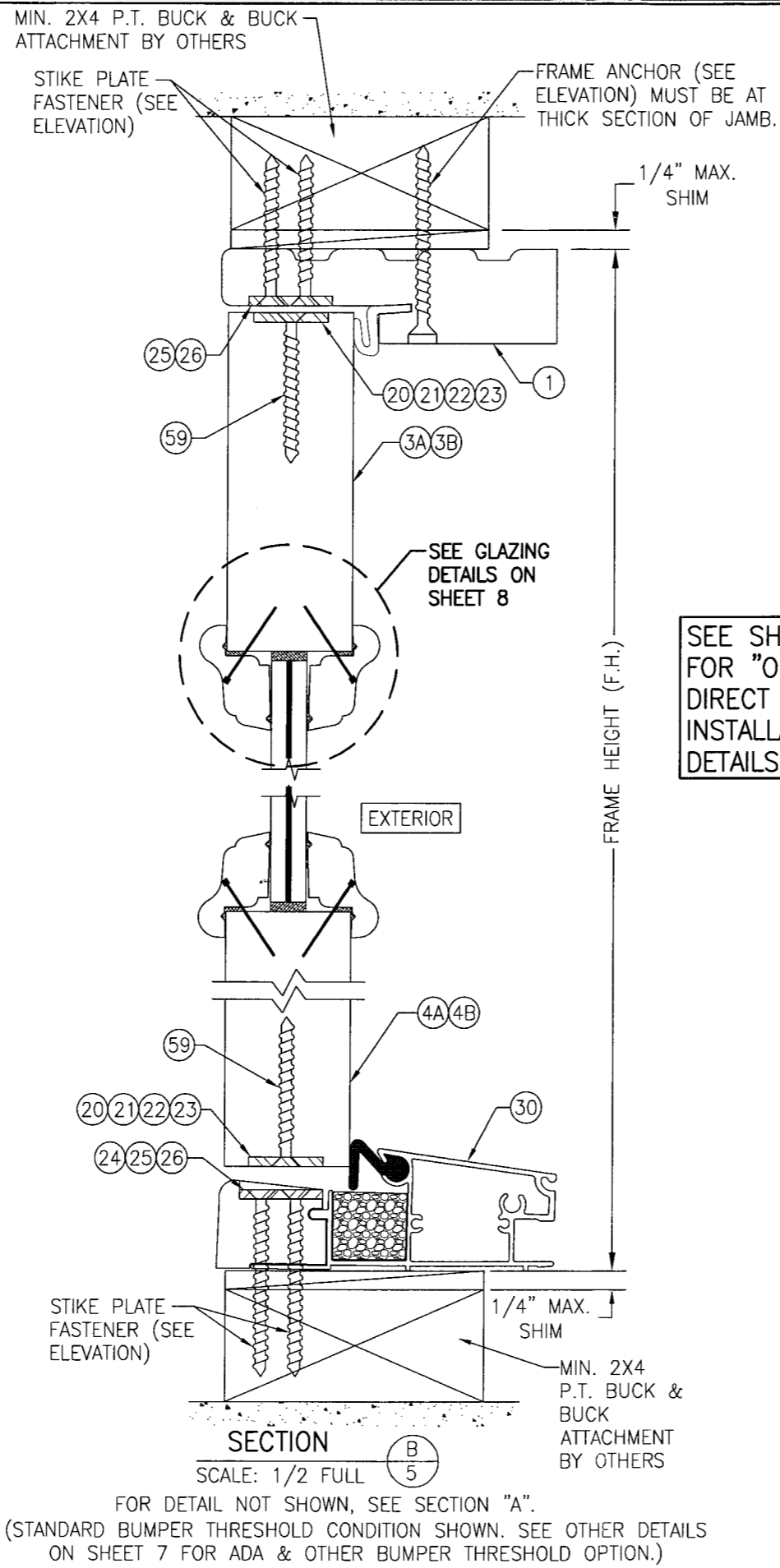
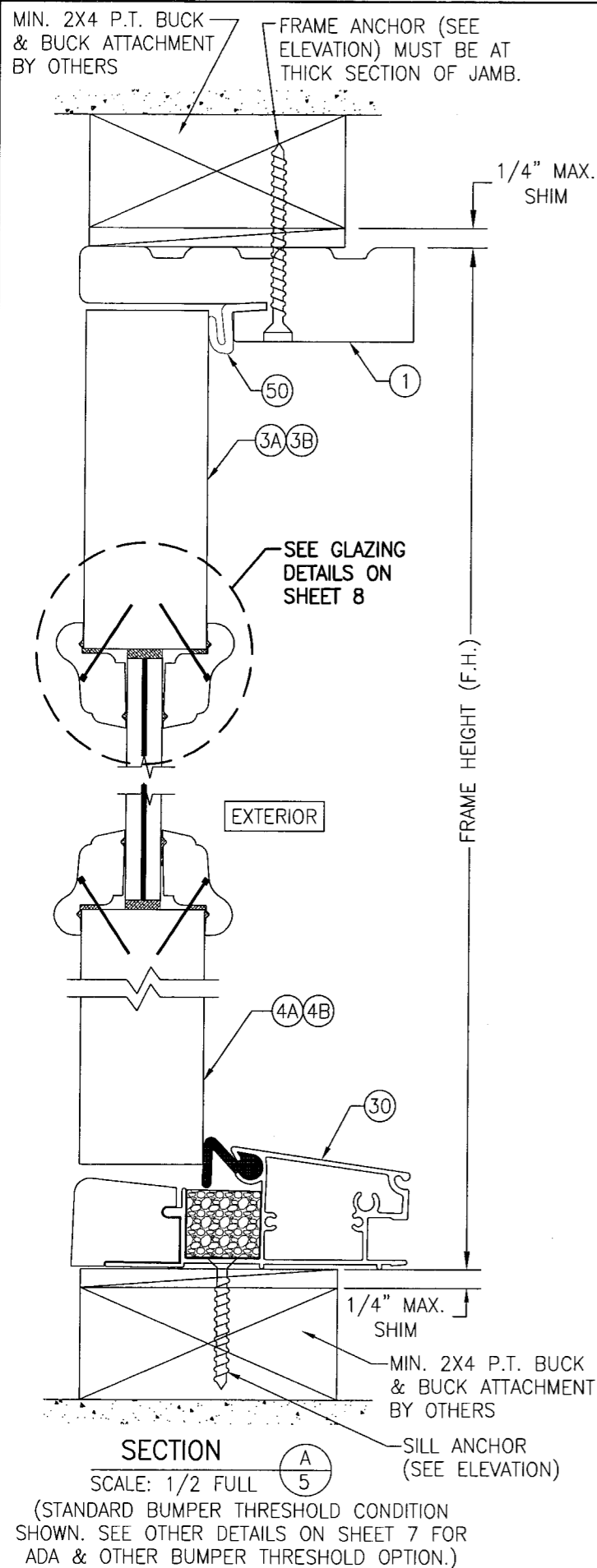
**INTERIOR ELEVATION
RAISED PANEL WITH GLASS
GLAZED TO PANEL**
SCALE: 3/4"=1'-0"

- 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.

- 1) DAY LIGHT OPENING IN PANEL DOOR MAY BE OF ANY CONFIGURATION.
- 2) FULL LIGHT & OVAL CONDITION IS SHOWN. PARTIAL LIGHT & OTHER LIGHT CONFIGURATIONS ARE ALSO APPLICABLE PROVIDING PANEL CONDITIONS ARE WITHIN WHAT IS SPECIFIED IN THESE DRAWINGS.
- 3) PANEL ONLY IS SHOWN. FOR INSTALLATION INTO FRAME, SEE OTHER ELEVATIONS.

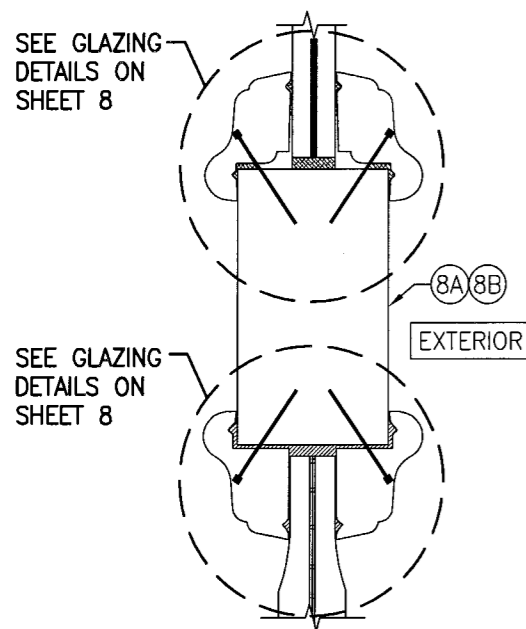
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 02-1202-09
Expiration Date 4-22-2014
By *John Harris*
Miami Dade Product Control
Division

| | |
|---|-----------------------|
| DRAWN BY: K.P.S. | CHECKED BY: W.W.S. |
| PLOT: 1=16 | DATE: 11/25/03 |
| NO. | REVISION DESCRIPTION |
| BY | DATE |
| DRAWING TITLE 8 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 NOV 17 2008 WARREN W. SCHAEFER, P.E. P.E. NO. 44135 | |
| DRAWING NO. 1257 | REV. A |
| SHEET NO. 4 OF 10 | |

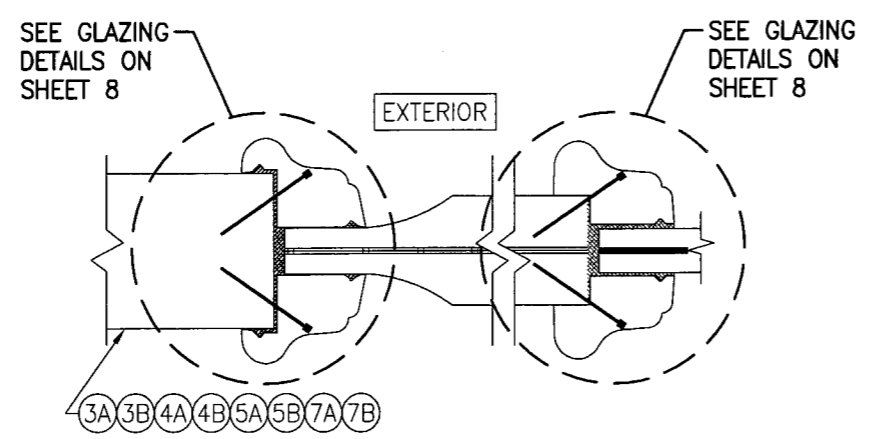


SEE SHEET 7 FOR "OPTIONAL DIRECT MOUNT" INSTALLATION DETAILS.

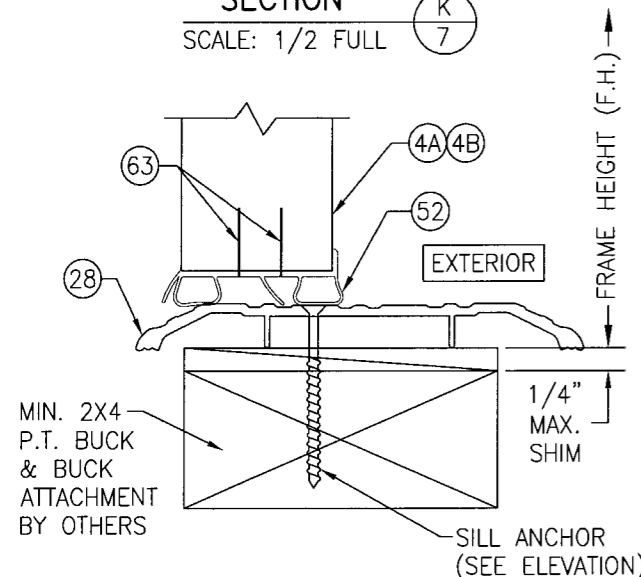
| | |
|---|-----------------------|
| DRAWN BY: K.P.S. | CHECKED BY: W.W.S. |
| PLOT: 1=2 | DATE: 11/25/03 |
| DATE | BY |
| REVISION DESCRIPTION | |
| NO. | |
| DRAWING TITLE 8 FOOT WOOD INSWING IMPACT DOORS | |
| MANUFACTURER SIGNATURE DOOR INC. 401 JUNIATA STREET ALTOONA, PA 16602 814-949-2770 | |
| 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 NOV 17 2008 WARREN W. SCHAEFER, P.E. P.E. NO. 44135 | |
| DRAWING NO. 1257 | REV. A |
| SHEET NO. 5 OF 10 | |



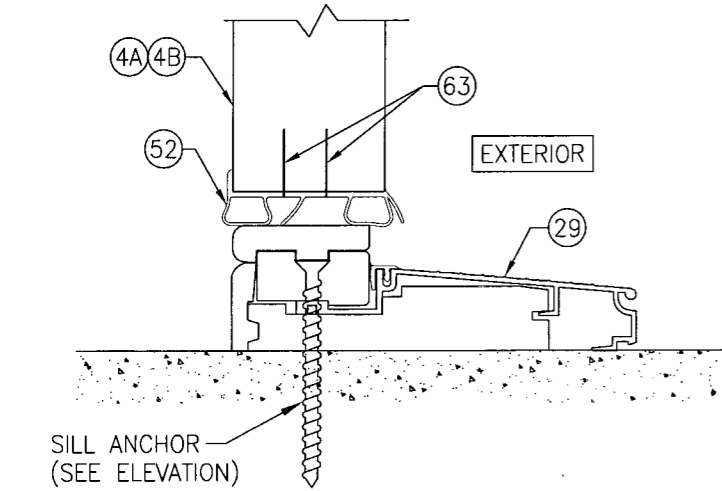
SECTION K
SCALE: 1/2 FULL



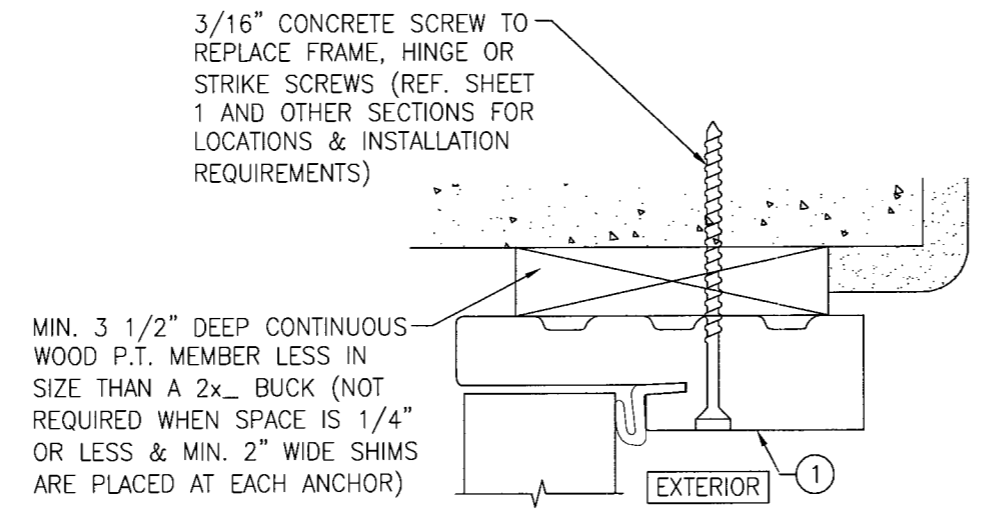
SECTION L
SCALE: 1/2 FULL



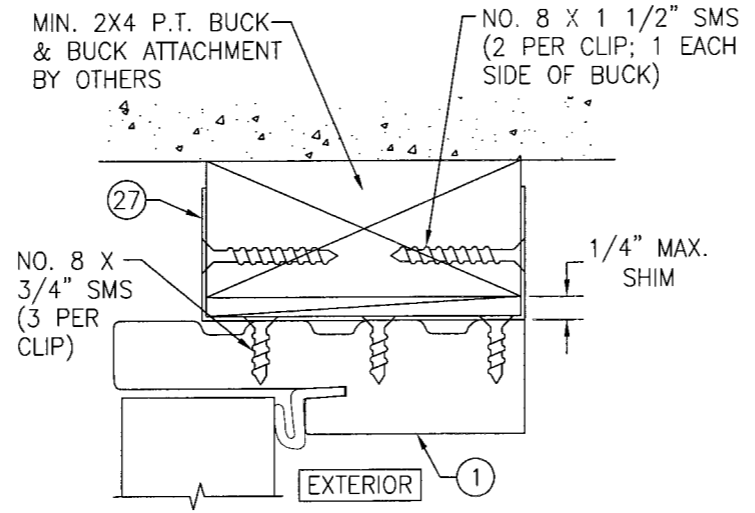
OPTIONAL ADA THRESHOLD DETAIL
FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS



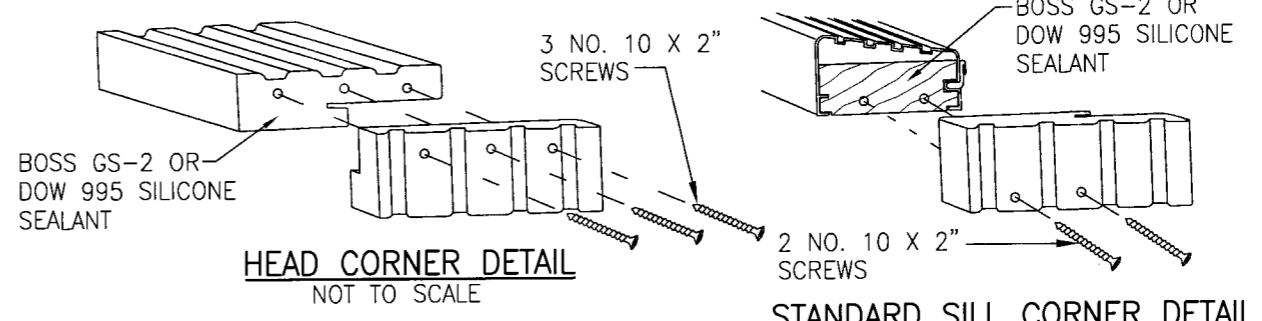
OPTIONAL BUMPER THRESHOLD DETAIL
FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS



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

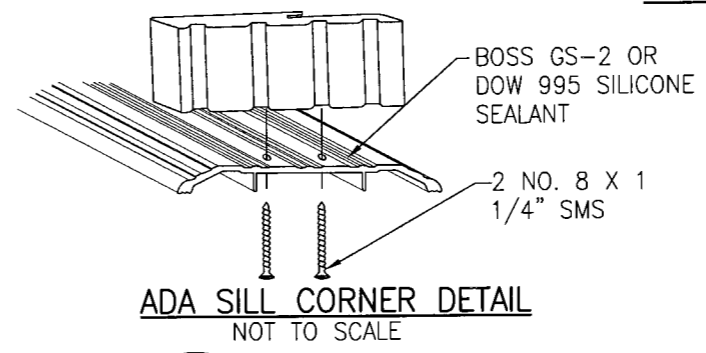


OPTIONAL CLIP MOUNT DETAIL
FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS
(HEAD SECTION SHOWN, SIDES AND SILL SIMILAR)

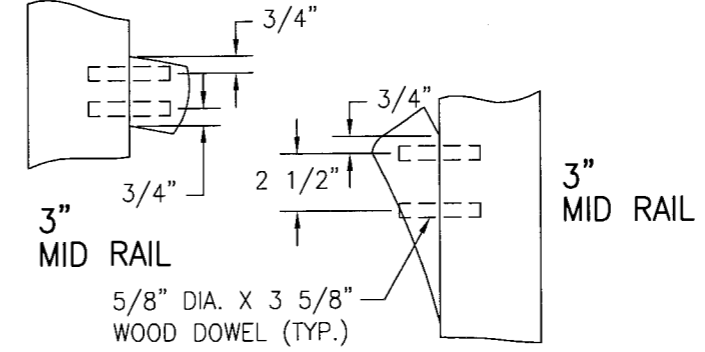


HEAD CORNER DETAIL
NOT TO SCALE

STANDARD SILL CORNER DETAIL
NOT TO SCALE

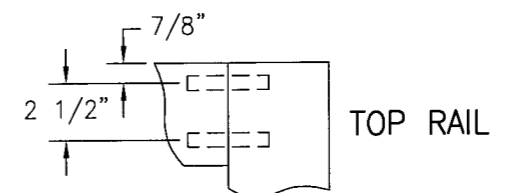


ADA SILL CORNER DETAIL
NOT TO SCALE

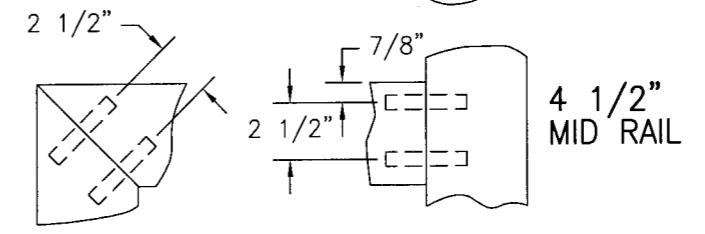


3" MID RAIL

3" MID RAIL

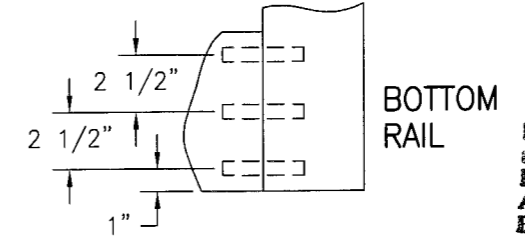


TOP RAIL



4 1/2" MID RAIL

4 1/2" MID RAIL



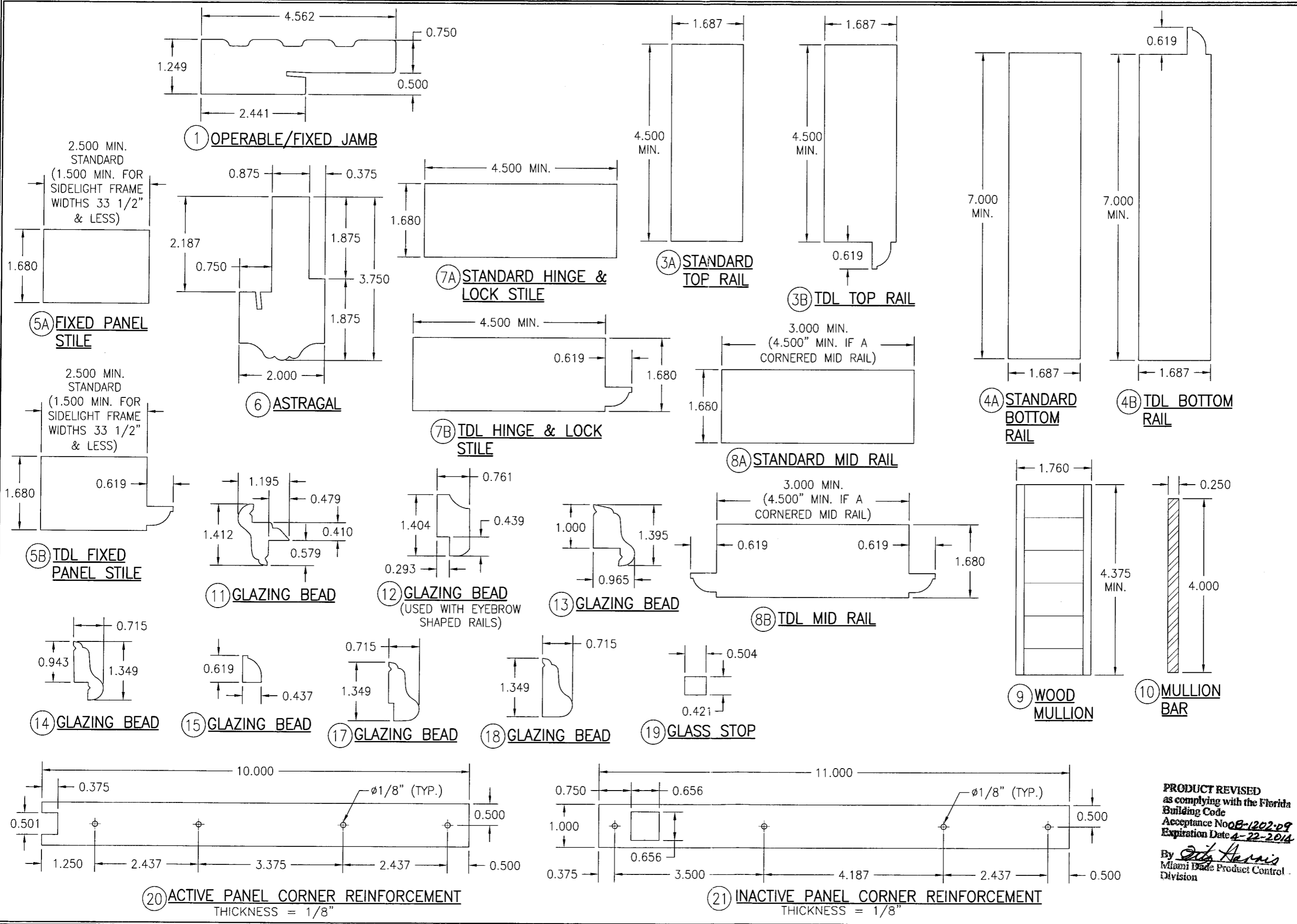
BOTTOM RAIL

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: 11/25/03 |
| DATE | |
| BY | |
| REVISION DESCRIPTION | |
| NO. | |
| DRAWING TITLE 8 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 NOV 17 2008 WARREN W. SCHAEFER, P.E. P.E. NO. 44135 | |
| DRAWING NO. 1257 | REV. A |
| SHEET NO. 7 OF 10 | |

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No 08-1202-09
Expiration Date 4-22-2014
By *Stacy Harris*
Miami Dade Product Control Division



| | | | |
|----------------------|--------|-------------|----------|
| DRAWN BY: | K.P.S. | CHECKED BY: | W.W.S. |
| PLOT: | 1=2 | DATE: | 11/25/03 |
| NO. | | DATE | |
| BY | | | |
| REVISION DESCRIPTION | | | |

DRAWING TITLE: 8 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

PRODUCT REVISED as complying with the Florida Building Code Acceptance No 08-1202-09 Expiration Date 4-22-2014

By *W. W. Schaefer* P.E. Miami Door Product Control Division

CERTIFICATE OF APPROVAL

NOV 17 2008

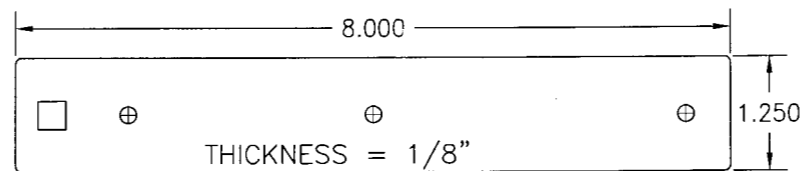
W. W. SCHAEFER, P.E. P.E. NO. 44135

| | | | |
|-------------|------|------|----|
| DRAWING NO. | 1257 | REV. | A |
| SHEET NO. | 9 | OF | 10 |

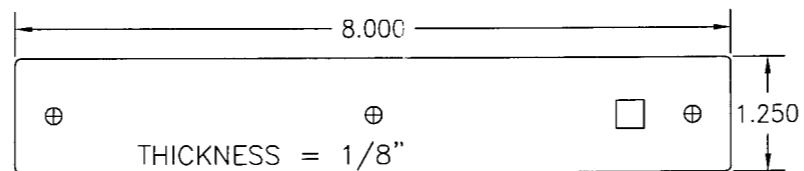
| ITEM # | ITEM DESCRIPTION | MANUFACTURER/NOTES |
|--------------------|---|--|
| PARTS | | |
| 1 | OPERABLE/FIXED JAMB | * WOOD (LAMINATED WITH CURVED JAMBS) |
| 3A | TOP RAIL | LVL OR LAMINATED RED OAK CORE (PINE VENEER) |
| 3B | TDL TOP RAIL | LVL OR LAMINATED RED OAK CORE (PINE VENEER) |
| 4A | 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 | INSWING THRESHOLD | IMPERIAL 5QCW |
| 30 | INSWING HYDOSILL THRESHOLD (BUMPER) | SCHEGEL SERIES 5000 |
| 31 | - | - |
| 32 | - | - |
| 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/SHOOTBOLT |
| 40 | 2-POINT INACTIVE PANEL LOCK SYS. | HOPPE HLS9000 SHOOTBOLT |
| 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 | - | - |
| 52 | DOOR SWEEP | IMPERIAL FBS30B/FBS36B |
| 53 | WEATHER SEAL | HOLM INDUSTRIES NO. JF87 |

* 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.

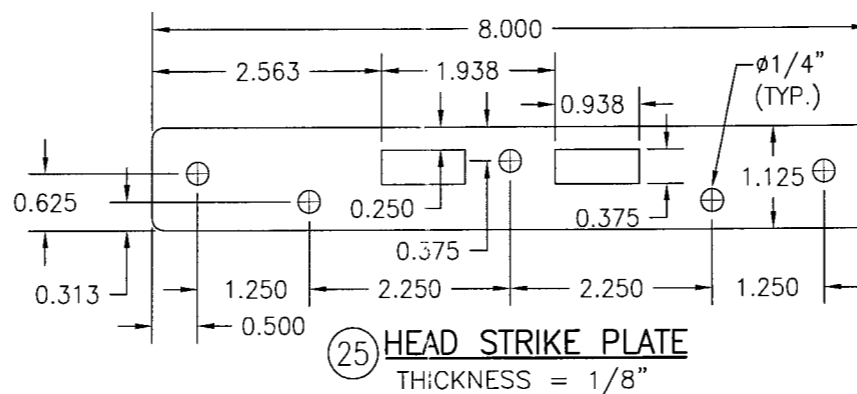
| ITEM # | ITEM DESCRIPTION | MANUFACTURER/NOTES |
|-----------------|---------------------|--|
| MISC. FASTENERS | | |
| 55 | NO. 9 X 3/4" SMS | 2 PER HINGE LEAF INTO JAMB & STILE |
| 56 | NO. 10 X 2" SMS | 2 PER HINGE LEAF INTO STILE & WOOD MULLION |
| 58 | NO. 10 X 1 1/2" SMS | 2 PER HINGE LEAF INTO 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 |



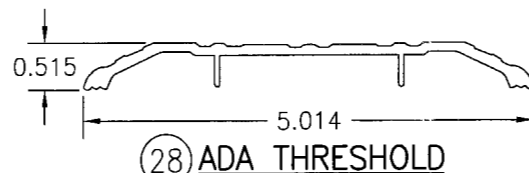
22 ACTIVE PANEL CORNER REINFORCEMENT



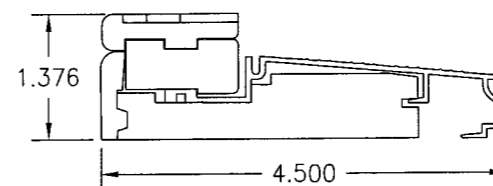
23 INACTIVE PANEL CORNER REINFORCEMENT



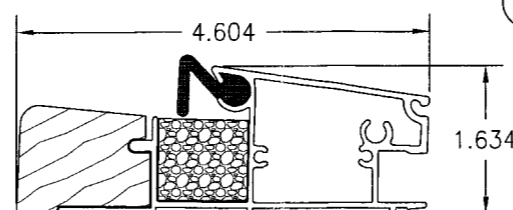
25 HEAD STRIKE PLATE
THICKNESS = 1/8"



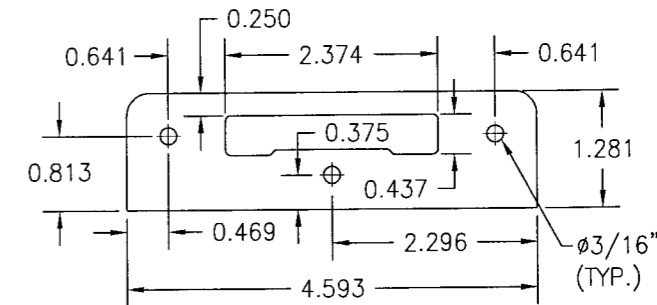
28 ADA THRESHOLD



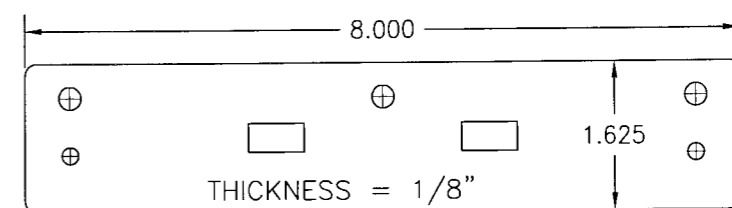
29 INSWING THRESHOLD



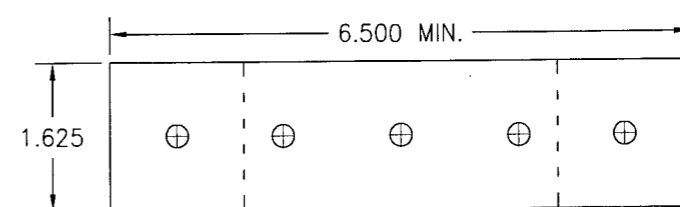
30 INSWING HYDOSILL THRESHOLD



24 SILL STRIKE PLATE
THICKNESS = 3/32"



26 HEAD & SILL STRIKE PLATE



27 MOUNTING CLIP
THICKNESS = 0.044"

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 08-1202-09
Expiration Date 4-22-2014

By *Dee Harris*
Miami Dade Product Control
Division

| DATE | BY | REVISION DESCRIPTION | NO. |
|------|----|----------------------|-----|
| | | | |
| | | | |
| | | | |

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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: NOV 17 2008
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P.E. NO. 44135

DRAWING NO. 1257
SHEET NO. 10 OF 10
REV. A