



MIAMI-DADE
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)

Engineered Glass Systems, Inc.
3133 SW 25th Street
Pembroke Park, FL 33009

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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series "Atlantic" Aluminum Sliding Glass Door (w/reinforcement)-Impact

APPROVAL DOCUMENT: Drawing No. 6001, titled "Atlantic Series Sliding Glass Door", sheets 1 through 5 of 5, prepared by the manufacturer, dated 11/12/99 revised on 3/13/00, signed and sealed by Wm. M. Meyers, 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

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 # 99-1220.08 and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by Ishaq I. Chanda, P.E.



NOA No 03-0306.04
Expiration Date: April 21, 2008
Approval Date: April 03, 2003
Page 1

Engineered Glass Systems, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **6001**, titled "Atlantic Series Sliding Glass Door", sheets 1 through 5 of 5, prepared by the manufacturer, dated 11/12/99 revised on 3/13/00.

B. TESTS

Submitted under NOA#99-1220.08

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 20294
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 an aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. 2 (FTL -2352), dated 06-24-99, signed and sealed by Late Gilbert Diamond, P.E., reviewed by Jose Mitrani, P. E.

C. CALCULATIONS

Submitted under NOA#99-1220.08

1. Anchor Calculations and structural analysis, prepared by Robert E. Fisher-Wm. M. Meyers, P.E., Consulting Engineers, dated 12-01-99 and revised on 03-17-00, signed and sealed by Wm. M. Meyers, P.E.

D. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **01-1204.01** issued to E.I. DuPont DeNemours for "Sentry Glass Plus", expiring on 01/14/2007.
2. Notice of Acceptance No. **98-0608.03** issued to E.I. DuPont DeNemours for "Sentry Glass Plus", expiring on 01/14/2002.

E. STATEMENTS

1. Letter from Engineered Glass Systems, Inc., dated 2/27/03, stating that the engineer who performed the review of the product is still in the engineering business and that the product has not changed.

F. OTHER

1. NOA No. **99-1220.08**, expiring on 4/21/03.
2. Glazing complies w/ ASTM E-1300.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 03-0306.04
Expiration Date: April 21, 2008
Approval Date: April 03, 2003

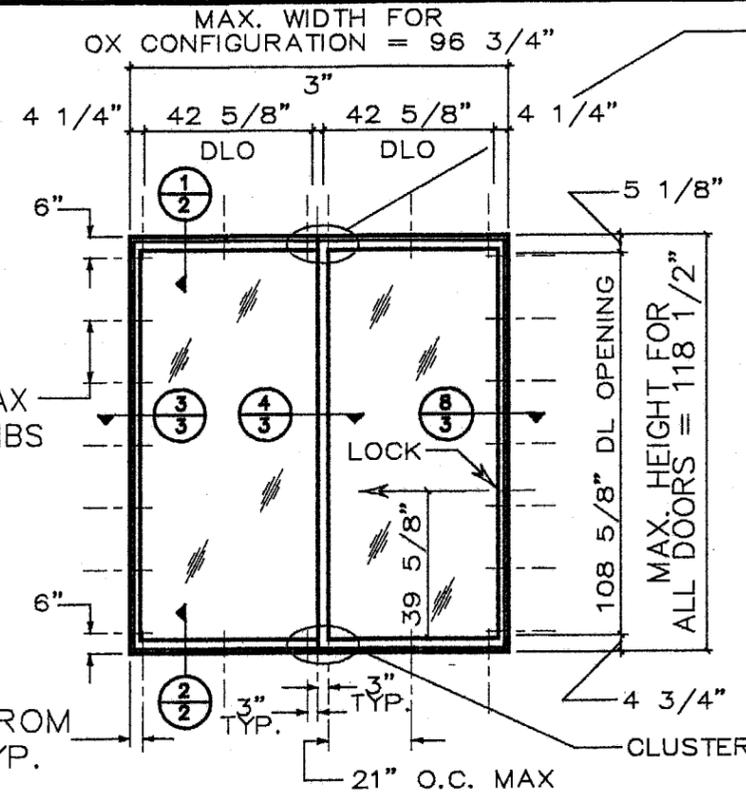
REVISIONS:
 Δ REVISION DATE: 3/13/00

ENGINEERED GLASS SYSTEMS, INC
 3133 S.W. 25th STREET
 PEMBROKE PARK, FLORIDA 33009
 TEL: 954-964-1441
 FAX: 954-964-1533

Wm M. Meyers
 1/27/05
 Structural
 03/18/00

**ATLANTIC SERIES
 SLIDING GLASS DOOR**
 Large Missile Impact
 - Product Approval Drawings -

PLAT SCALE: 1" = 1"
 DWG FILE: EGP E087-1.DWG
 CHECK BY: R.L.L.
 DATE: November 12, 1999
 DWG. NO. 6001
 Sheet #



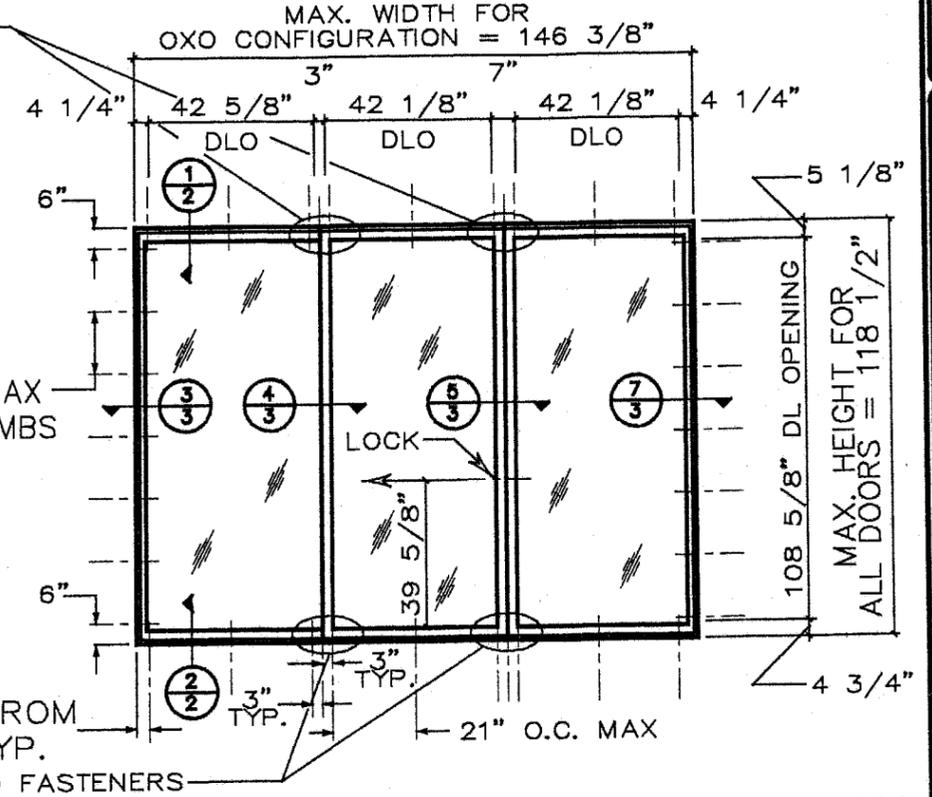
CLUSTER OF (4) FASTENERS

DLO = DAYLIGHT OPENING

DESIGN PRESSURES
 +105 PSF
 -105 PSF

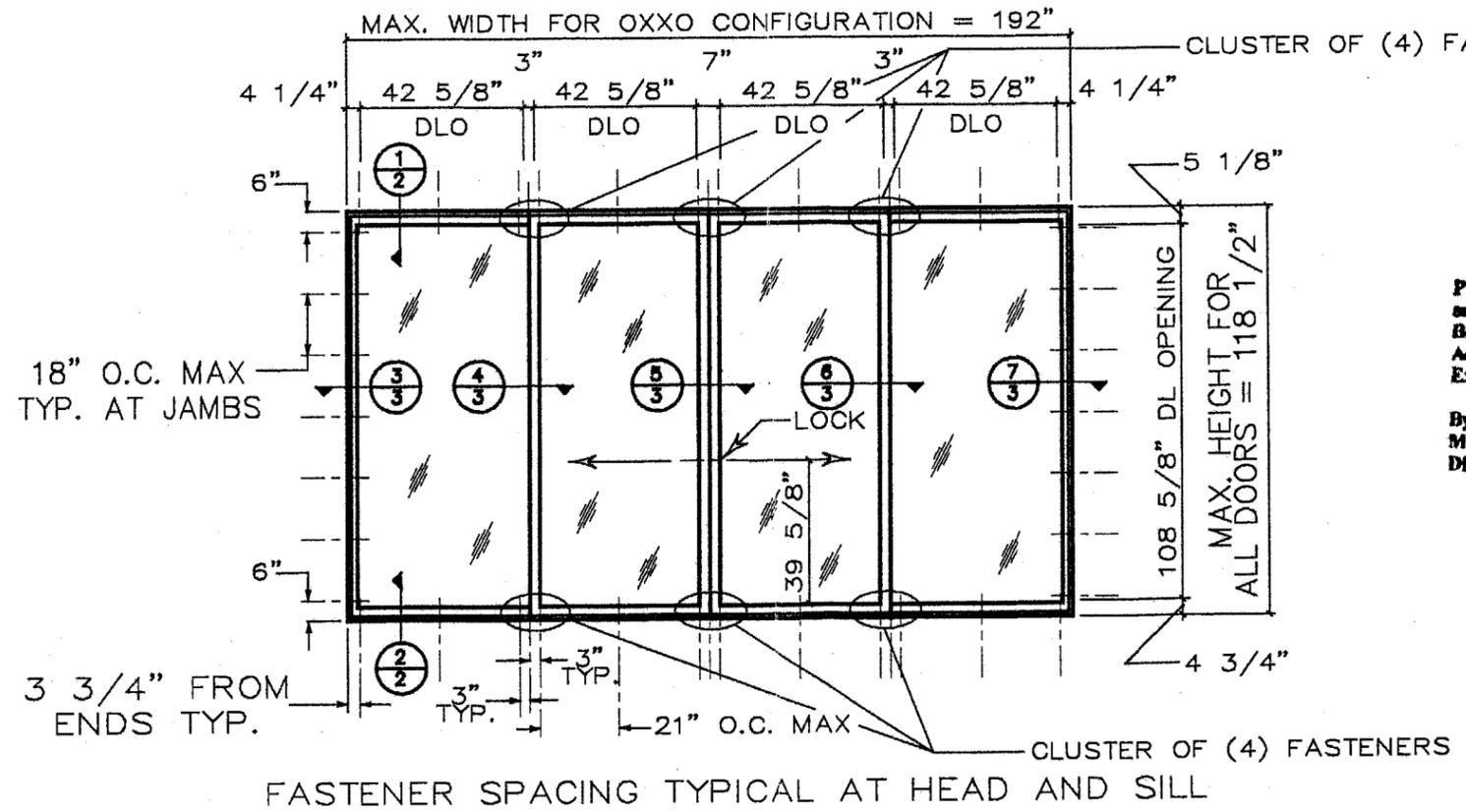
ALL INSTALLATION FASTENERS SHOWN ON ELEVATIONS ARE IN PAIRS. (DOUBLE ROW)

OXO STANDARD ELEVATION



FASTENER SPACING TYPICAL AT HEAD AND SILL

OXO STANDARD ELEVATION



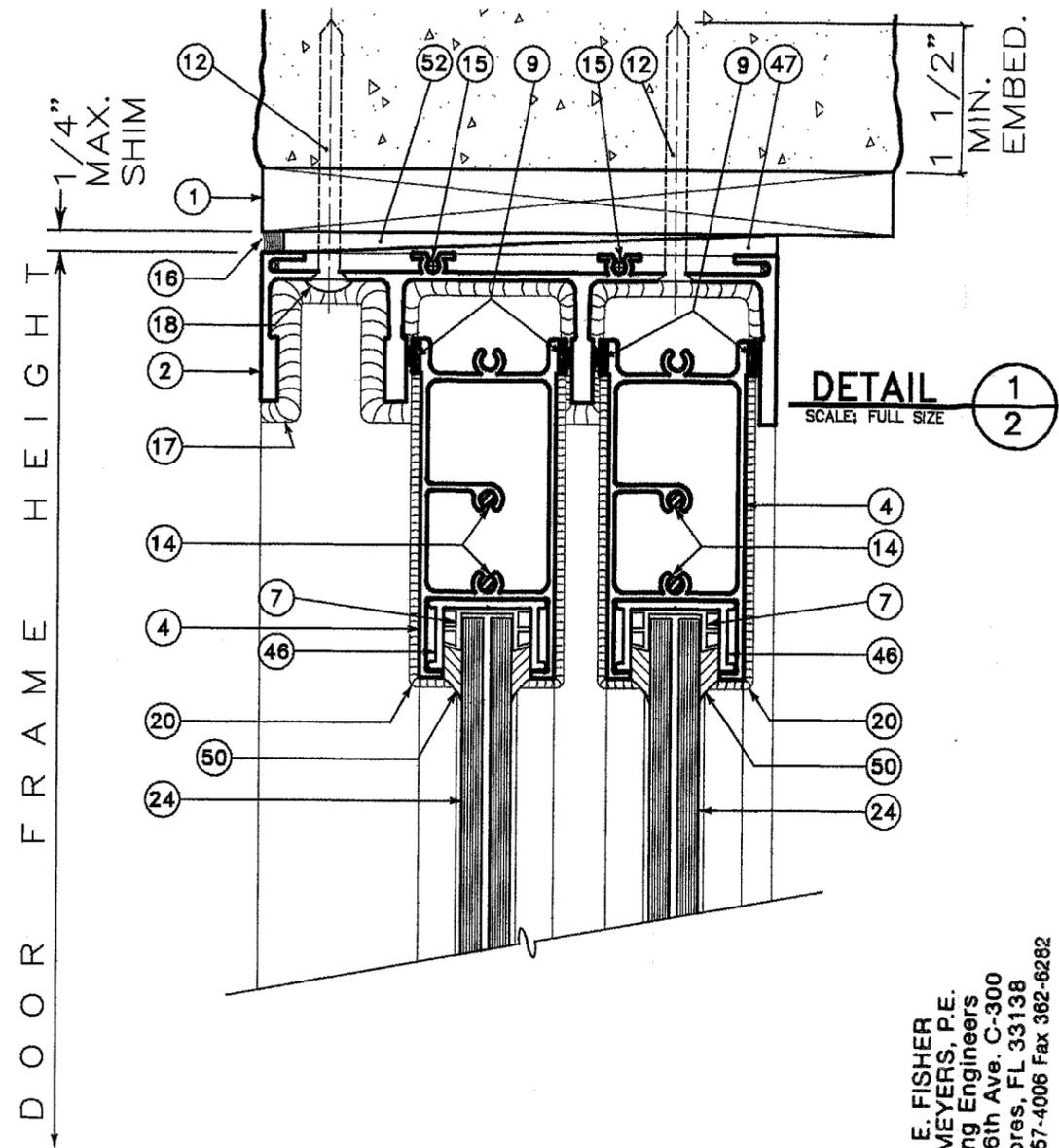
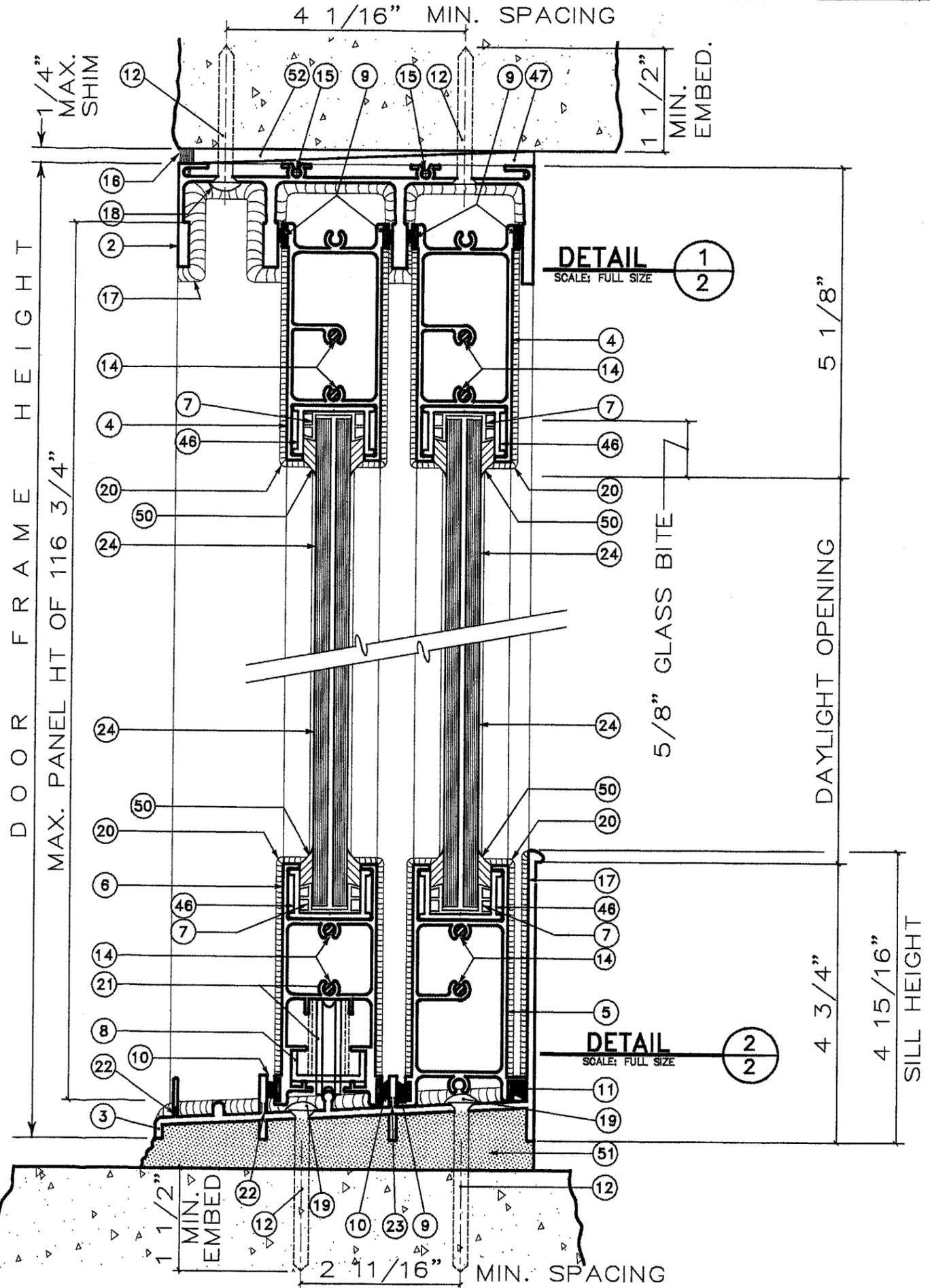
FASTENER SPACING TYPICAL AT HEAD AND SILL

OXO STANDARD ELEVATION

PRODUCT RENEWED
 as complying with the Florida Building Code
 Acceptance No. 03-0306-04
 Expiration Date APRIL 21, 2008
 By Ishaq I. Chanda
 Miami Dade Product Control Division

ROBT. E. FISHER
 WM. M. MEYERS, P.E.
 Consulting Engineers
 9301 N.E. 6th Ave. C-300
 Miami Shores, FL 33138
 (305) 758-3117 557-4006 Fax 362-6282

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE April 21, 2000
 BY Ishaq I. Chanda
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 99-1220.08



PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 03-0306.04
 Expiration Date April 21, 2008
 By Ishaq I. Chaudh
 Miami Dade Product Control
 Division

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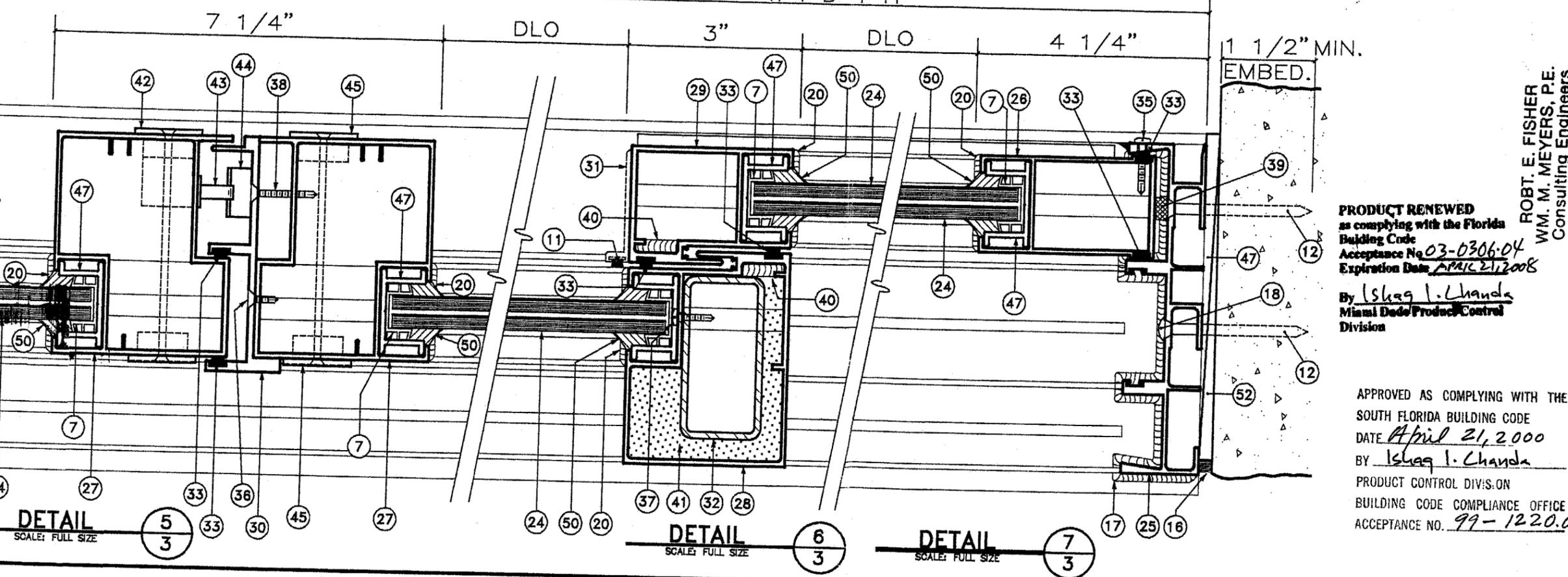
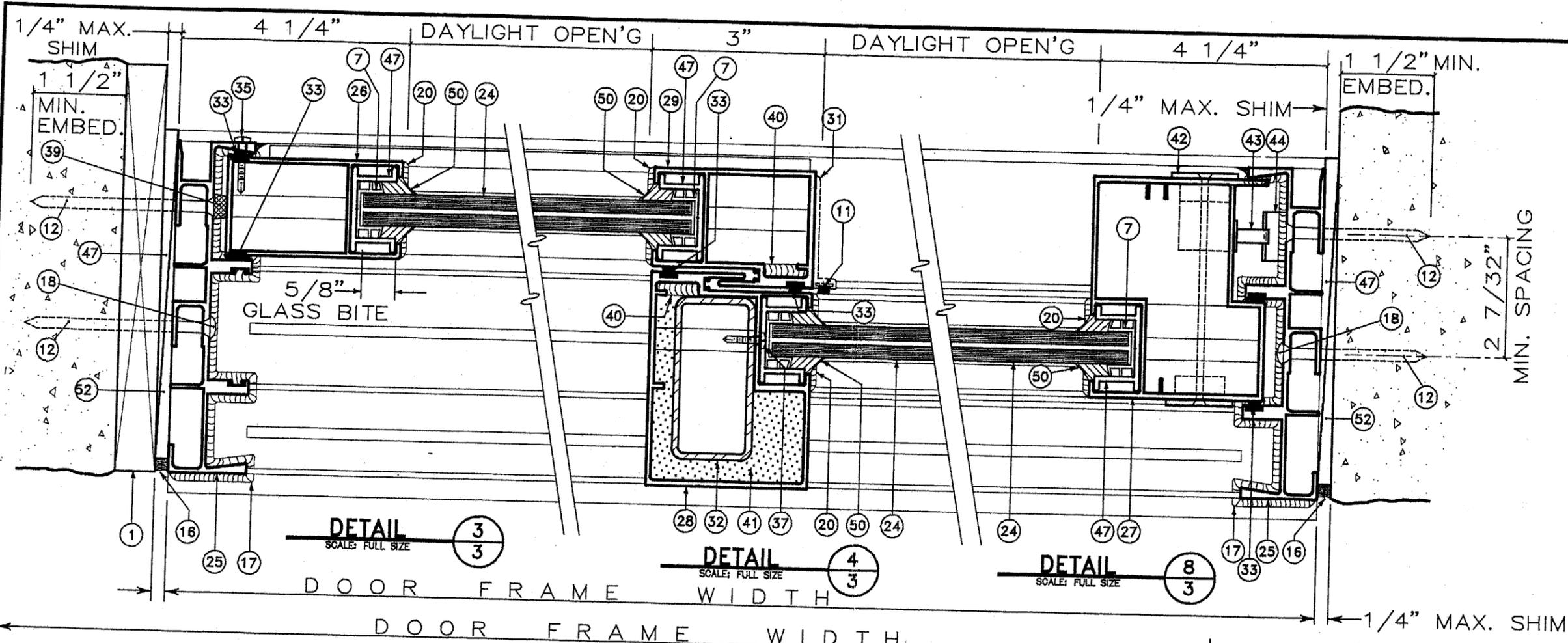
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**ATLANTIC SERIES
 SLIDING GLASS DOOR**
 Large Missile Impact
 - Product Approval Drawings -

PLOT SCALE: 1" = 1"
DWG FILE: <u>EGS7-2.DWG</u>
CHKD BY: <u>R.R.L.</u>
DATE: <u>November 12, 1999</u>
DWG. NO. <u>8001</u>
Sheet #

REVISIONS:
 REVISION DATE: 5/28/00
 ENGINEERED GLASS SYSTEMS, INC
 3133 S.W. 25th STREET
 PEMBROKE PARK, FLORIDA 33009
 TEL: 954-964-1441
 FAX: 954-964-1533

Wm M Meyer
10/25/00
Technical
03/31/00



REVISIONS
 REVISION DATE: 3/13/00

ENGINEERED GLASS SYSTEMS, INC
 3133 S.W. 25th STREET
 PEMBROKE PARK, FLORIDA 33009
 TEL: 954-964-1441
 FAX: 954-964-1533

Structural
 08/18/00

ROBT. E. FISHER
 WM. M. MEYERS, P.E.
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 (305) 758-3117 557-4006 Fax 362-6282

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 03-0306-04
 Expiration Date APRIL 21, 2008

By Isaac I. Chanda
 Miami Dade Product Control
 Division

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE April 21, 2000
 BY Isaac I. Chanda
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 99-1220.08

**ATLANTIC SERIES
 SLIDING GLASS DOOR**
 Large Missile Impact
 - Product Approval Drawings -

PLOT SCALE: 1" = 1"
 DWG FILE: BCP 0087-3.DWG
 QMD BY RRL
 DATE: November 12, 1999
 DWG. NO. 8001
 Sheet #
3 of 5

#	MATERIALS LIST
①	P.T. SOUTHERN PINE WOOD BUCK 1" X STABILIZED.
②	EGS #551 HEAD TRACK (6005-T5) MIN. WEBSTER 14
③	EGS #552 SILL TRACK (6005-T5) MIN. WEBSTER 14
④	EGS #554 TOP RAIL (6005-T5) RIPPED MIN. WEBSTER 14
⑤	EGS #555 FIXED BOTTOM RAIL (6005-T5) RIPPED - MIN. WEBSTER 14
⑥	EGS #556 ROLLING BOTTOM RAIL (6005-T5) RIPPED - MIN. WEBSTER 14
⑦	EGS #570 RIGID PVC GLAZING RETAINER FOR 9/16" THICK GLASS
⑧	1/2" X 1 1/4" X 1/2" X 1/8" ALUMINIUM CHANNEL 46" LONG (6063-T5)
⑨	SCHLEGEL #7527-6011-4 FINSEAL WOOLPILE.
⑩	ULTRA FAB T-2836G POLYBOND FINSEAL (.280 HIGH X .360 BASE).
⑪	SCHLEGEL #7537-6011-6 FINSEAL WOOLPILE
⑫	1/4" DIAMETER FLAT HEAD TAPCON CONC. ANCHOR WITH THE PROPER LENGTH TO INSURE A MIN. 1 1/2" EMBEDMENT IN CONC. TWO (2) IN LINE. (DOUBLE ROW OF FASTENERS) SEE ELEV. FOR SPACING.
⑬	NOT USED

⑭	#12 X 1" LONG TRUSS HEAD PHILLIPS DRIVE SHEET METAL SCREW (18-8 Non-magnetic stainless steel) TYPICAL PANEL ASSEMBLY SCREW. TWO (2) SCREWS PER CORNER.
⑮	#8 X 3/4" LONG PAN HEAD PHILLIPS DRIVE SHEET METAL SCREW (18-8 Non-magnetic stainless steel) TYPICAL MASTER FRAME ASSEMBLY SCREW. TWO (2) SCREWS PER CORNER AT TOP OF FRAME AT EACH SIDE.
⑯	TREMCO "DYMONIC" URETHANE SEALANT.
⑰	TREMCO "SPECTREM 2" MEDIUM MODULUS SILICONE SEALANT AT MASTER FRAME CORNER INTERSECTION SEAL.
⑱	TREMCO "SPECTREM 2" MEDIUM MODULUS SILICONE SEALANT AT EXTERIOR ROW OF INSTALLATION FASTENERS.
⑲	TREMCO "SPECTREM 2" MEDIUM MODULUS SILICONE SEALANT AT ALL SILL TRACK INSTALLATION FASTENERS.
⑳	TREMCO "SPECTREM 2" MEDIUM MODULUS SILICONE SEALANT AT ALL TOP & BOTTOM RAILS TO VERT. STILE MECHANICAL JOINTS (exterior and interior of panel).

㉑	ONE (1) PAIR OF P-13 DOOR ROLLERS WITH 1 11/16" DIAMETER NYLON WHEEL IN ALUMINUM HOUSING INSTALLED INTO ROLLING BOTTOM RAIL WITH ONE (1) 1/4" X 1 1/2" LONG STAINLESS STEEL ROLL PIN AND ONE (1) #12 X 1" LONG TRUSS HEAD PHILLIPS DRIVE SHEET METAL SCREW (18-8 Non-magnetic stainless steel).
㉒	3/16" HIGH X 3/4" LONG WEEP SLOTS LOCATED AT QUARTER POINTS OF THE FIXED PANEL. (Two (2) weep slots per fixed panel).
㉓	3/16" HIGH X 3/4" LONG WEEP SLOTS LOCATED AT QUARTER POINTS OF THE ROLLING PANEL. (Two (2) weep slots per rolling panel).
㉔	9/16" THICK LAMINATED GLASS CONSISTING OF OUTBOARD LIGHT OF 1/4" CLEAR HEAT STRENGTHENED GLASS, .090 IONOPLAST INTERLAYER BY DUPONT. AND INBOARD OF 1/4" CLEAR HEAT STRENGTHENED GLASS.
㉕	EGS #553 - FRAME JAMB (6005-T5). MIN. WEBSTER 14
㉖	EGS #557 - FIXED STILE (6005-T5). MIN. WEBSTER 14

REVISIONS:
REVISION DATE: 3/13/00

ENGINEERED GLASS SYSTEMS, INC
3133 S.W. 25th STREET
PEMBROKE PARK, FLORIDA 33009
TEL: 954-964-1441
FAX: 954-964-1533

3/21/00
5/18/05
3/21/00

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PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 03-030604
Expiration Date APRIL 21, 2008

By Ismael L. Chanda
Miami Dade Product Control
Division

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE April 21, 2000
BY Ismael L. Chanda
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 99-1220-08

ATLANTIC SERIES
SLIDING GLASS DOOR
Large Missile Impact
Product Approval Drawings

PLOT SCALE 1" = 1"
DWG FILE: 03-030604-001
CHKD BY: R.R.L.
DATE: November 12, 1999
DWG. NO. 8001
Sheet #

4 of 5

#	MATERIALS LIST
(27)	EGS #558 - LOCKING STILE (6063-T6). RIPPED MIN. WEBSTER 12 OR BETTER
(28)	EGS #559 - MAJOR INTERLOCK (6063-T6). RIPPED - MIN. WEBSTER 12 OR BETTER
(29)	EGS #560 - MINOR INTERLOCK (6005-T5). RIPPED - MIN. WEBSTER 14
(30)	EGS #561 - STILE ADAPTOR (6005-T5). MIN. WEBSTER 14
(31)	EGS #566 - SWEEP (6005-T5) 2 5/8" LONG INSTALLED AT TOP OF EACH INTERLOCK USING THE TWO (2) PANEL ASSEMBLY SCREWS.
(32)	1 1/2" X 3" X .120 THICK RECTANGULAR STEEL TUBING 108" LONG. (Door height -12")
(33)	SCHLEGEL #7420-6011-2 FINSEAL WOOLPILE.
(34)	NOT USED
(35)	#10 X 1" LONG PAN HEAD PHILLIPS DRIVE SHEET METAL SCREW (18-8 Non-magnetic stainless steel) LOCATED 6" FROM TOP AND BOTTOM OF FRAME AND 18" ON CENTER.
(36)	#12-24 X 1/2" LONG FLAT HEAD PHILLIPS DRIVE MACHINE SCREW SELF TAPPING (18-8 Non-magnetic stainless steel). TOTAL OF EIGHT (8) SCREWS. SPACING: 6" FROM BOTH ENDS AND 17 1/2" MAX. ON CENTER AND TWO (2) SCREWS AT 4" ON CENTER FROM CENTERLINE.
(37)	#10 X 3/4" LONG PAN HEAD PHILLIPS DRIVE #2 TEK SCREW. TOTAL OF FIVE (5) SCREWS FOR ATTACHMENT OF STEEL TO THE MAJOR INTERLOCK. SPACING: TWO (2) SCREWS AT EACH END OF STEEL. ONE (1) LOCATED 3" FROM END OF STEEL AND THEN ONE (1) 3" ON CENTER. ONE (1) SCREW ON CENTER OF STEEL LOCATED 54" FROM END OF STEEL.

(38)	#12 X 1 1/4" LONG FLAT HEAD PHILLIPS DRIVE SHEET METAL SCREWS (18-8 Non-magnetic stainless steel). TOTAL OF EIGHT (8) SCREWS. SPACING: 6" FROM BOTH ENDS AND 17 1/2" MAX. ON CENTER AND TWO (2) SCREWS AT 4" ON CENTER FROM CENTERLINE OF STRIKE.
(39)	1/2" X 1/2" SQ. X 3/16" HIGH 3M RUBBER BUMPER SPACER WITH ADHESIVE ON ONE (1) SIDE. TOTAL OF TWO (2) BUMPERS LOCATED 6" FROM TOP AND BOTTOM OF MASTER FRAME.
(40)	TREMCO "SPECTREM 2" MEDIUM MODULUS SILICONE SEALANT. SEAL VOID BETWEEN THE HORZ. RAILS AND INTERLOCKS AT TOP AND BOTTOM OF PANELS.
(41)	ONE COMPONENT EXPANDING POLYURETHANE FOAM AT TOP AND BOTTOM OF THE MAJOR INTERLOCK EGS #559.
(42)	ADAMS-RITE #4430-00-08 FLUSH LOCKSET (Molded ABS resin plastic) MOUNTED TO VERT. LOCK STILE WITH TWO (2) #8-32 X 4" LONG FLAT HEAD PHILLIPS DRIVE (18-8 Non-magnetic stainless steel).

(43)	ADAMS-RITE #MS1847-09 DEADLOCK (stainless steel) MOUNTED TO VERT. LOCK STILE WITH TWO (2) #6-32 X 1/4" LONG FLAT HEAD PHILLIPS DRIVE MACHINE SCREW (18-8 Non-magnetic stainless steel).
(44)	ADAMS-RITE #4801-05 STRIKE (stainless steel) WITH ABS PLASTIC SHIMS. STRIKE MOUNTED TO VERT. STILE ADAPTOR WITH TWO (2) #8 X 1" LONG PAN HEAD PHILLIPS DRIVE SHEET METAL SCREW (18-8 Non-magnetic stainless steel).
(45)	ADAMS-RITE #4432 DUMMY FLUSH PULL SET (molded ABS resin plastic) MOUNTED TO VERT. STILE WITH TWO (2) #8-32 X 4" LONG FLAT HEAD PHILLIPS DRIVE MACHINE SCREW (18-8 Non-magnetic stainless steel).
(46)	EGS #568 EXTRUDED ALUM. HORIZONTAL INSERT FOR IMPACT GLAZING. (6063-T5) MIN. WEBSTER 7 OR BETTER
(47)	EGS #569 EXTRUDED ALUM. VERTICAL INSERT FOR IMPACT GLAZING. (6063-T5) MIN. WEBSTER 7 OR BETTER
(50)	TREMCO "SPECTREM 2" MEDIUM MODULUS SILICONE SEALANT.
(51)	HIGH STRENGTH NON-SHRINK GROUT
(52)	1 1/2" LONG CEDAR SHIMS AT EACH ANCHOR.

REVISIONS:
REVISION DATE: 3/13/00

ENGINEERED GLASS SYSTEMS, INC
3133 S.W. 25th STREET
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TEL: 954-964-1441
FAX: 954-964-1533

Mar 18/2000
Kc Stuart
3/21/00

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By Ishaq I. Chaudh
Miami Dade Product Control
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APPROVED AS COMPLYING WITH THE
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PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 99-1220.08

ATLANTIC SERIES
SLIDING GLASS DOOR
Large Missile Impact
Product Approval Drawings -

PLOT SCALE: 1" = 1"
DWG FILE: 000 EGS7-6.DWG
CHKD BY: R.R.L.
DATE: November 12, 1999
DWG. NO. 8001

Sheet #

5 of 5