



**BUILDING CODE COMPLIANCE OFFICE**  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908

**CONTRACTOR LICENSING SECTION**  
(305) 375-2527 FAX (305) 375-2558

**CONTRACTOR ENFORCEMENT DIVISION**  
(305) 375-2966 FAX (305) 375-2908

**PRODUCT CONTROL DIVISION**  
(305) 375-2902 FAX (305) 372-6339

**PRODUCT CONTROL NOTICE OF ACCEPTANCE**

**Engineered Glass Systems, Inc.**  
3133 S.W. 25th Street  
Pembroke Pines ,FL 33009-3071

Your application for Notice of Acceptance (NOA) of:

**Series "Atlantic" Aluminum Sliding Glass Door - Non-Impact and Small Missile Impact Resistant**  
under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

Raul Rodriguez  
Chief Product Control Division

**ACCEPTANCE NO.: 01-0516.02**  
**EXPIRES: 07/30/2006**

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL  
CONDITIONS  
BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.  
Director  
Miami-Dade County  
Building Code Compliance Office

**APPROVED: 07/05/2001**

**Engineered Glass System, Inc.**

ACCEPTANCE No.: 01-0516.02

APPROVED : JUL 05 2001

EXPIRES : July 30, 2006

**NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS**

**1. SCOPE**

- 1.1 This renews the Notice of Acceptance No. **00-0602.02**, which was issued on September 14, 2000. It approves an aluminum sliding glass door, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code (SFBC), 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

**2. PRODUCT DESCRIPTION**

- 2.1 The Series "Atlantic" Aluminum Sliding Glass Door – Non-Impact and Small Missile Impact Resistant and its components shall be constructed in strict compliance with the following documents: Drawing No 6000, Sheets 1 through 10 of 10, titled "Atlantic Series Sliding Glass Door-(Non-Impact & Small Missile Impact)," prepared by manufacturer, dated 10-31-97, last revised on 08-18-00, signed and sealed by William. M. Meyers, P. E., 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. These documents shall hereinafter be referred to as the approved drawings.

**3. LIMITATIONS**

- 3.1 This approval applies to single unit applications only, as shown in approved drawings.  
3.2 Head receptor is not allowed to be used in this installation.

**4. INSTALLATION**

- 4.1 The aluminum sliding glass door and its components shall be installed in strict compliance with the approved drawings.  
4.2 Hurricane protection system (shutters):  
4.2.1 The installation of **Non-Impacted** units **will require** a hurricane protection system.  
4.2.2 The installation of **Small Missile Impacted** unit up to 30 feet above grade, **will require** a hurricane protection system, but for installations above 30 feet above grade **will not require** a hurricane protection system.

**5. LABELING**

- 5.1 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".

**6. BUILDING PERMIT REQUIREMENTS**

- 6.1 Application for building permit shall be accompanied by copies of the following:  
6.1.1 This Notice of Acceptance  
6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.  
6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.

Ishaq I. Chanda  
Ishaq I. Chanda, P.E. Product Control Examiner  
Product Control Division

**Engineered Glass System, Inc.**

**ACCEPTANCE No.:** 01-0516.02

**APPROVED** : JUL 05 2001

**EXPIRES** : July 30, 2006

**NOTICE OF ACCEPTANCE: STANDARD CONDITIONS**

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
  - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
  - b) The product is no longer the same product (identical) as the one originally approved;
  - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
  - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
  - a) Unsatisfactory performance of this product or process.
  - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance 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 Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

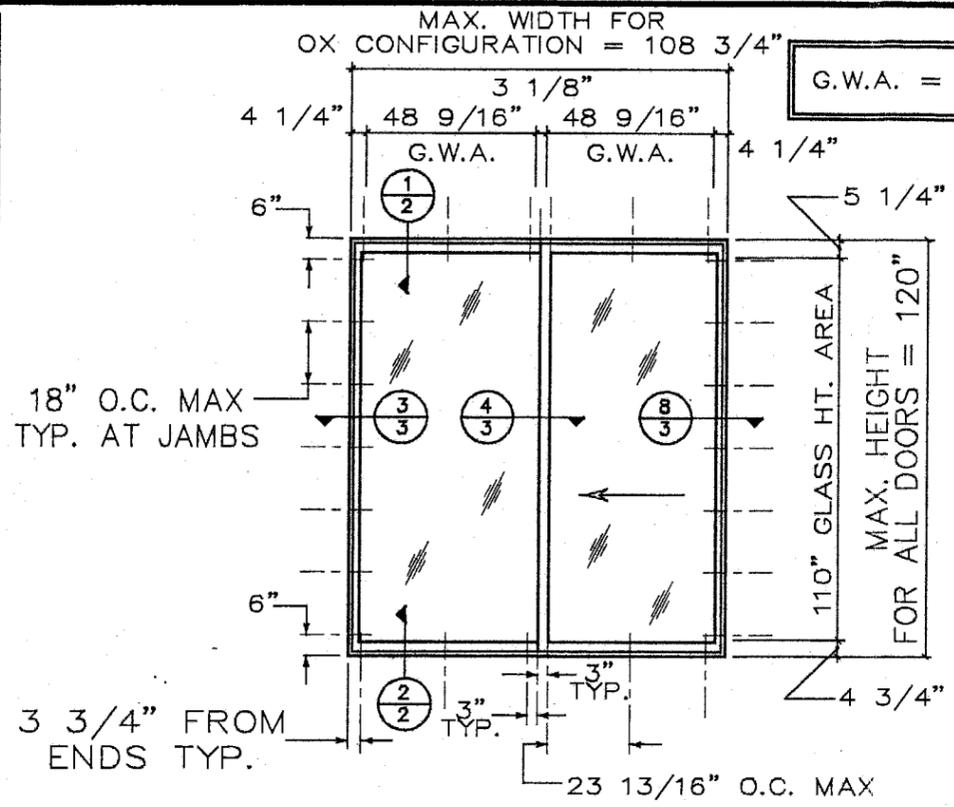
**END OF THIS ACCEPTANCE**

Ishaq I. Chanda  
Ishaq I. Chanda, P.E. Product Control Examiner  
Product Control Division

DOOR SIZE CHARTS	130± PSF Design Press. Max Door Width (Based on tested Hgt.)	130± PSF Design Press. Max Door Height (Based on tested Width)	120± PSF Design Press. Max Door Size
OX or XO DOOR	*100 3/4" X 120"	108 3/4" x 111" **	108 3/4" x 120"
OXO DOOR	*152 5/16" x 120"	164 5/16" x 111" **	164 5/16" x 120"
OXO DOOR	*200" x 120"	216" x 111" **	216" x 120"
GLASS AREA OPENING	44-9/16" x 110"	48-9/16" x 101"	48-9/16" x 110"

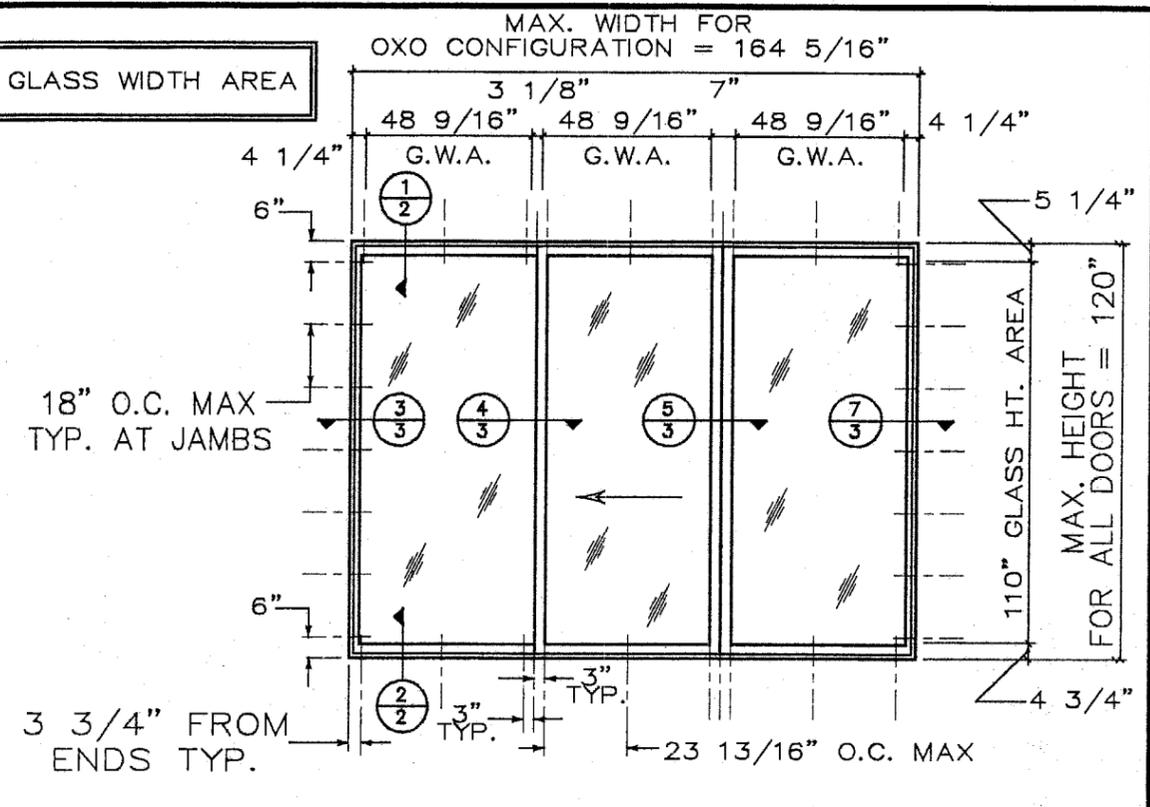
\*DOOR WIDTH DIMENSION CAN BE EXCEEDED (limited to the tested door width) 108-3/4" FOR OX, 164-5/16" FOR OXO & 216" FOR OXO, BY REDUCING DOOR HT. OF 120", AND NOT TO EXCEED 34 SQ. FT. OF GLASS AREA PER TABLE 35-E

\*\*DOOR HEIGHT DIMENSION CAN BE EXCEEDED (limited to the tested door height size) UP TO 120" BY REDUCING DOOR WIDTH, AND NOT TO EXCEED 34 SQ. FT. OF GLASS AREA PER TABLE 35-E



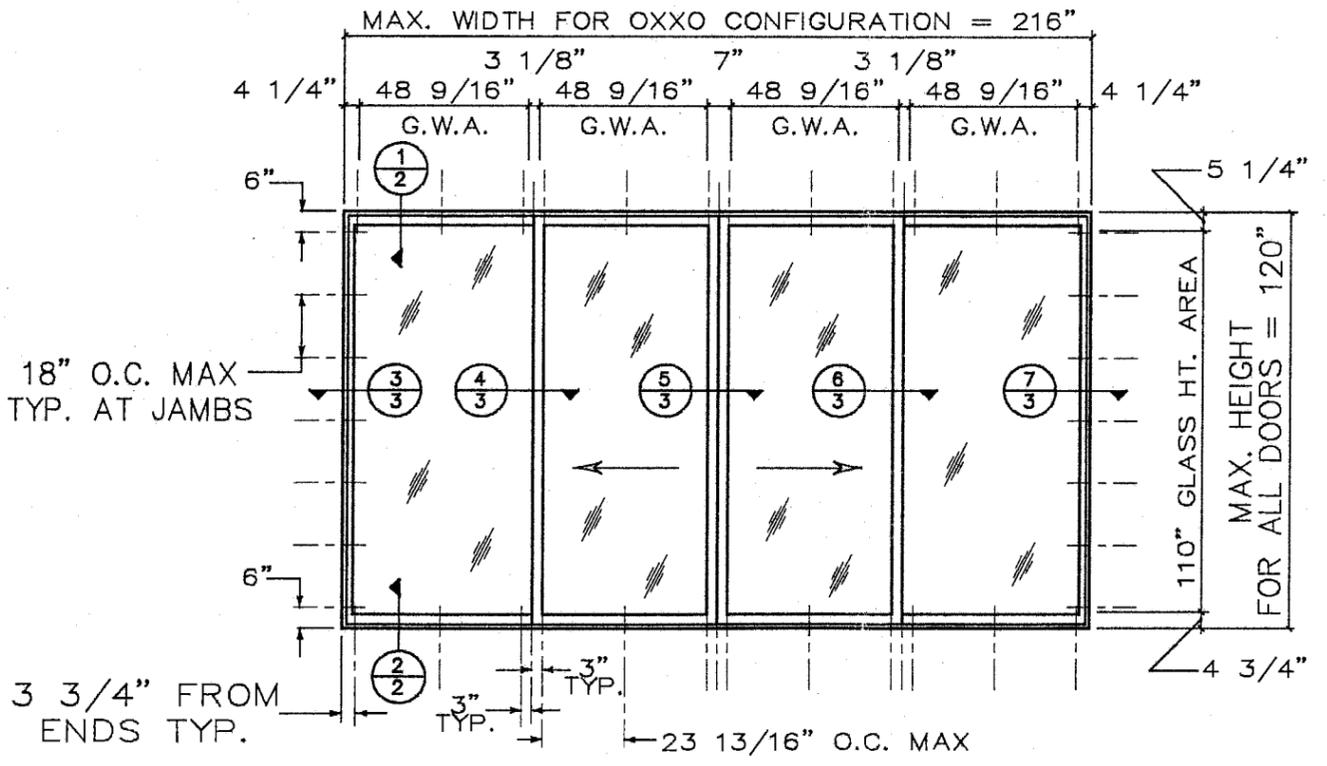
FASTENER SPACING TYPICAL AT HEAD AND SILL

**OX STANDARD ELEVATION**



FASTENER SPACING TYPICAL AT HEAD AND SILL

**OXO STANDARD ELEVATION**



FASTENER SPACING TYPICAL AT HEAD AND SILL

**OXO STANDARD ELEVATION**

DOORS TO BE PROTECTED WITH MIAMI-DADE COUNTY APPROVED IMPACT RESISTANT SHUTTERS

**PRODUCT RENEWED**

ACCEPTANCE NO. 01-0516-02

EXPIRATION DATE July 30, 2006

By Ishag I. Lhanda

**PRODUCT CONTROL DIVISION**  
**BUILDING CODE COMPLIANCE OFFICE**

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 September 14, 2000 BY Ishag I. Lhanda PRODUCT CONTROL DIVISION BUILDING CODE COMPLIANCE OFFICE ACCEPTANCE NO. CO-0602-02

NON-IMPACT (SHUTTERS REQUIRED)

REVISIONS:  
A - 8/18/98 PER DADE COUNTY CHANGES  
B - 5/4/00

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

*Mr. Lhanda*  
1/8/05  
*Standard*  
6/7/00

**ATLANTIC SERIES SLIDING GLASS DOOR**  
(Non - Impact)  
- Product Approval Submittal Drawings -

PLOT SCALE: 1" = 1"  
DWG FILE: EGS2-1.DWG  
CHKD BY: R.R.L.  
DATE: October 31, 1997  
DWG. NO. 6000  
Sheet #  
**1 of 10**

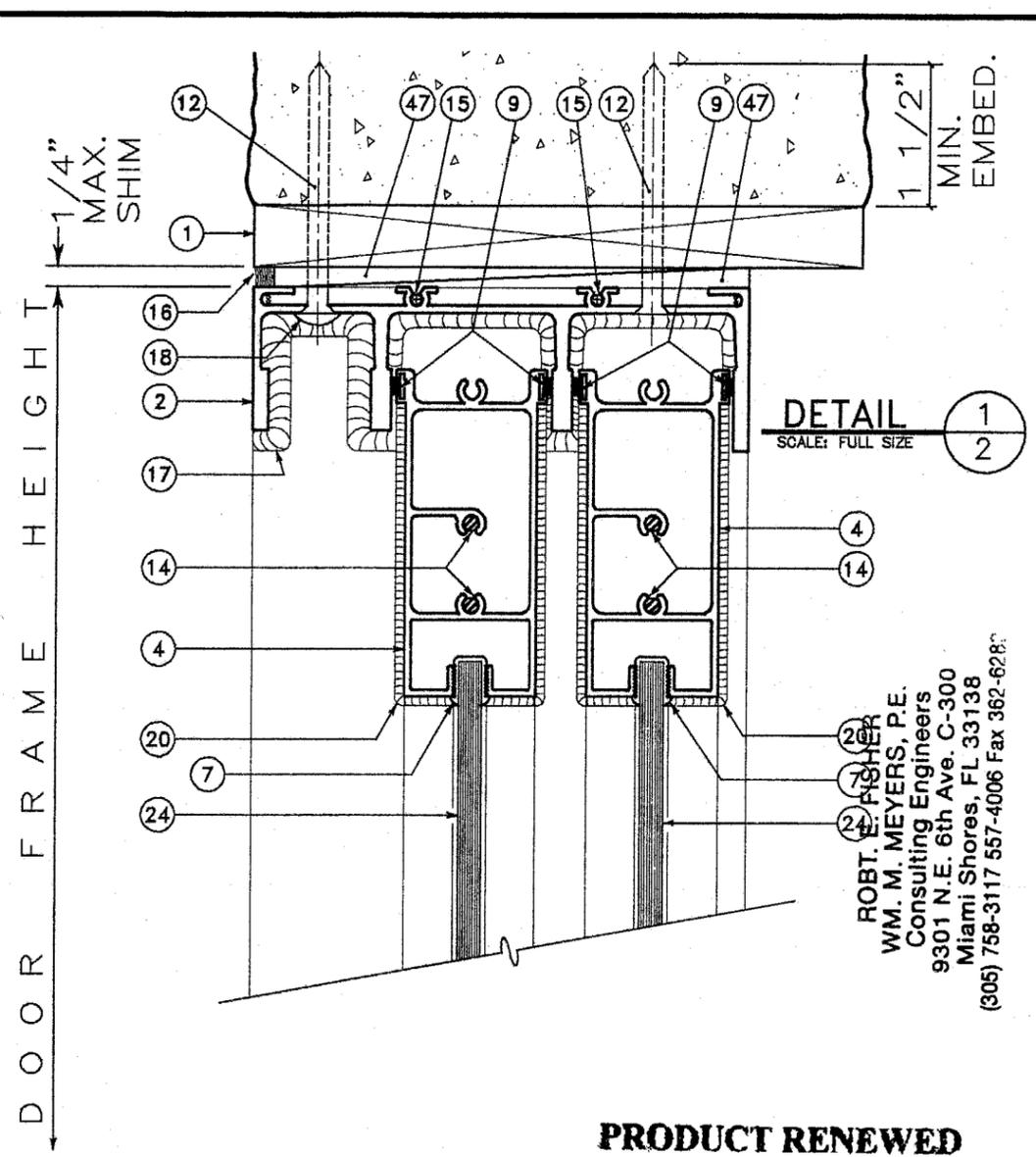
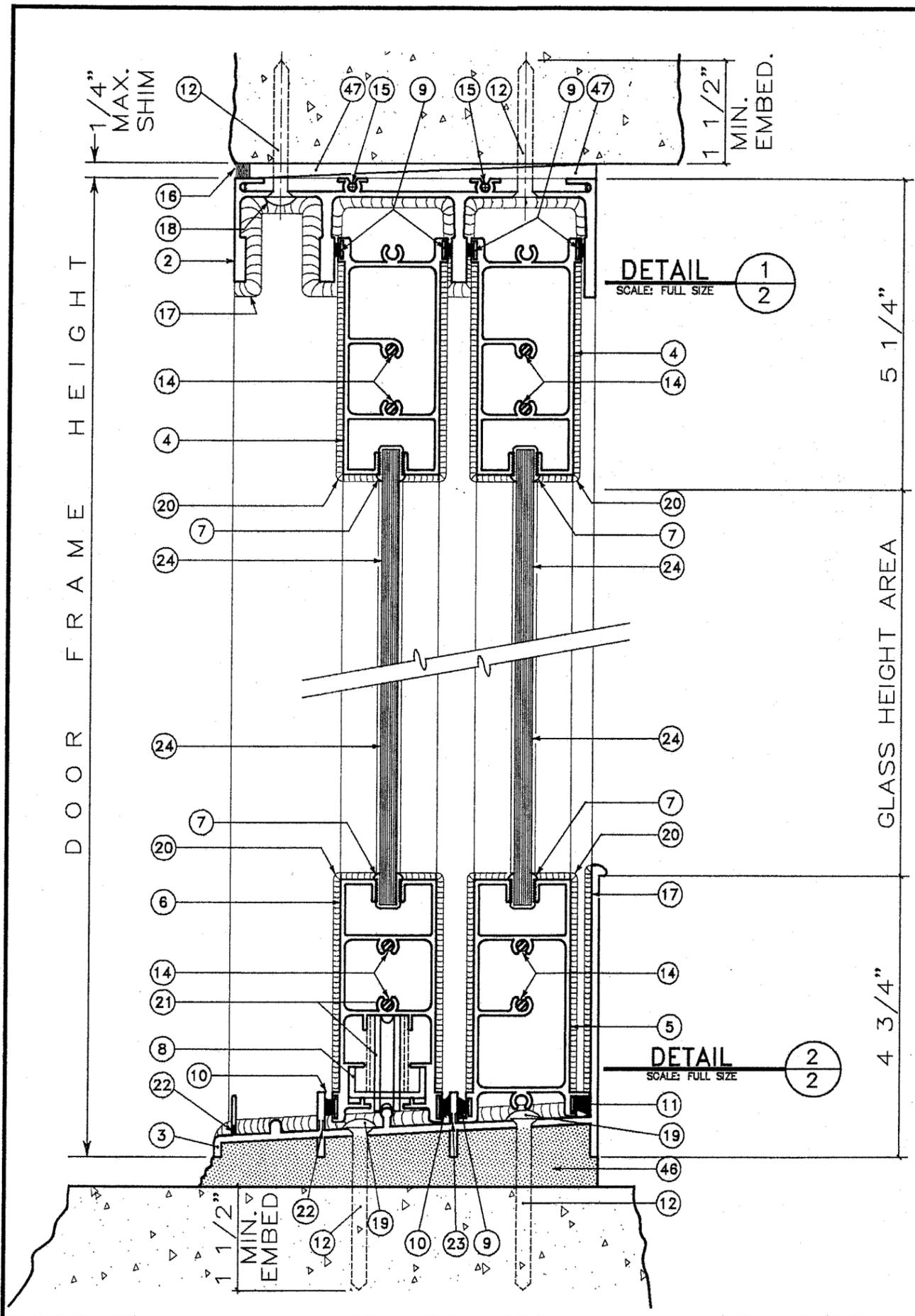
REVISIONS  
 ▲ - 8/18/98 PER  
 DADE COUNTY  
 CHANGES  
 ▲ - 5/4/00

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

*18785*  
*5/17/00*  
*6/7/00*

**ATLANTIC SERIES  
 SLIDING GLASS DOOR**  
 (Non - Impact)  
 - Product Approval Submittal Drawings -

PLOT SCALE: 1" = 1"  
 DWG FILE: EGS2-2.DWG  
 CHKD BY: R.R.L.  
 DATE: October 31, 1997  
 DWG. NO. 6000  
 Sheet #  
 2 of 10

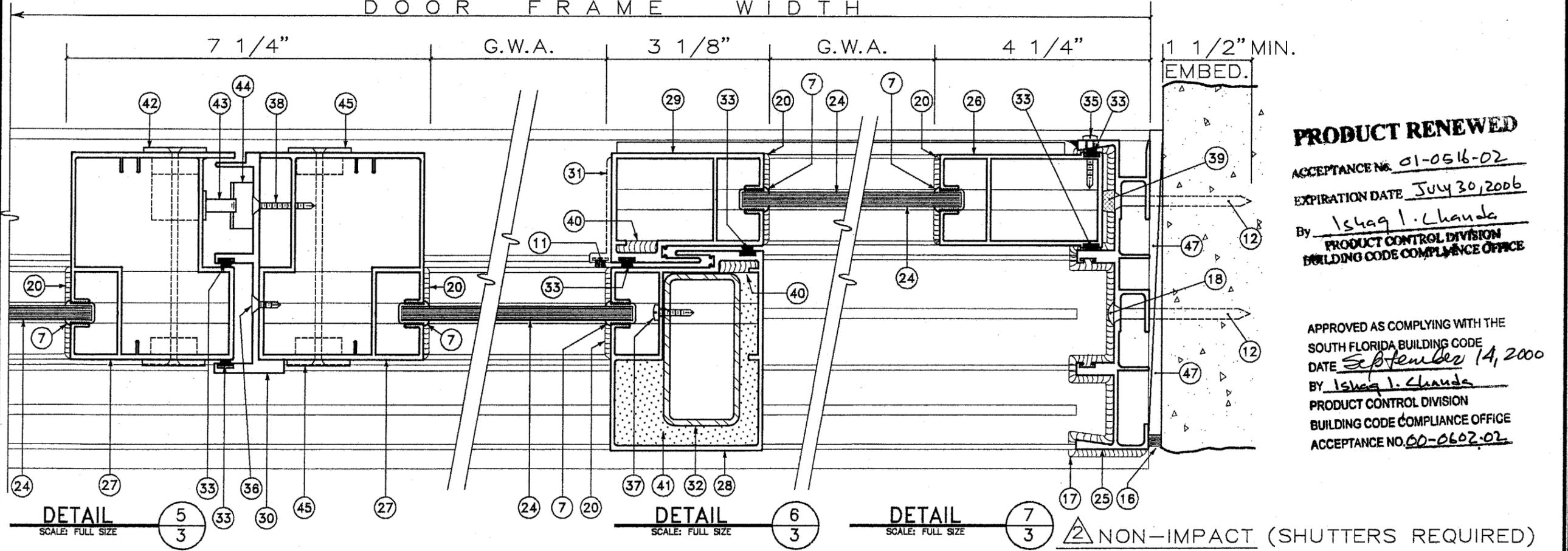
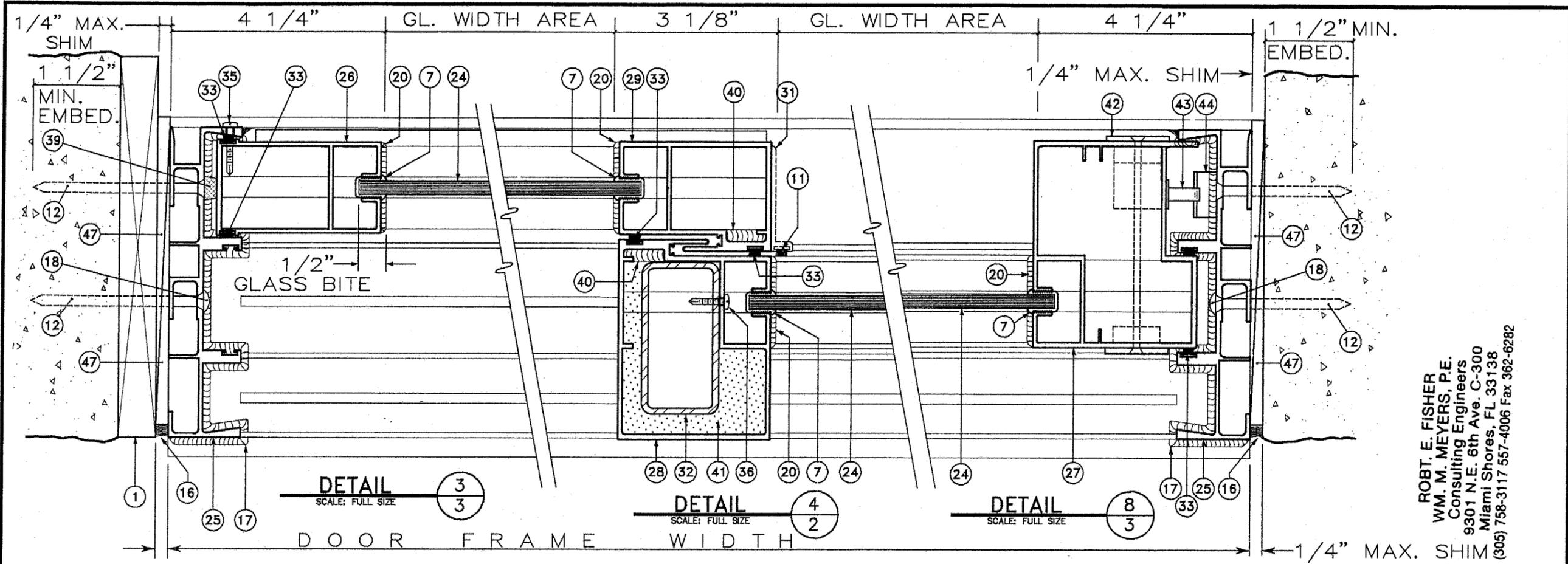


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 Miami Shores, FL 33138  
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**PRODUCT RENEWED**  
 ACCEPTANCE NO. 01-0516.02  
 EXPIRATION DATE July 30, 2006  
 By Isaac L. Chanda  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE September 14, 2000  
 BY Isaac L. Chanda  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 00-0602.02

▲ NON-IMPACT (SHUTTERS REQUIRED)



REVISIONS:  
 ▲ - 6/18/98 PER  
 DADE COUNTY  
 CHANGES  
 ▲ - 5/4/00

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

ROBT. E. FISHER  
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 9301 N.E. 6th Ave. C-300  
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 (305) 758-3117 557-4006 Fax 362-6282

*18755*  
*7/10/00*  
*6/17/00*

**PRODUCT RENEWED**  
 ACCEPTANCE NO. 01-0516-02  
 EXPIRATION DATE July 30, 2006  
 By Ishaq I. Chanda  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE September 14, 2000  
 BY Ishaq I. Chanda  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 60-0602-02

**ATLANTIC SERIES  
 SLIDING GLASS DOOR**  
 (Non - Impact)  
 - Product Approval Submittal Drawings -

PLOT SCALE: 1" = 1"  
 DWG FILE: EGS2-3.DWG  
 CHKD BY: R.R.L.  
 DATE: October 31, 1997  
 DWG. NO. 6000  
 Sheet #  
**3 of 10**

▲ NON-IMPACT (SHUTTERS REQUIRED)

#	MATERIALS LIST △ FOR NON-IMPACT SLIDING DOOR
①	P.T. SOUTHERN PINE WOOD BUCK 1" X STABILIZED.
②	EGS #551 HEAD TRACK (6005-T5)
③	EGS #552 SILL TRACK (6005-T5)
④	EGS #554 TOP RAIL (6005-T5)
⑤	EGS #555 FIXED BOTTOM RAIL (6005-T5)
⑥	EGS #556 ROLLING BOTTOM RAIL (6005-T5)
⑦	EGS #567 PVC GLAZING GASKET
⑧	1/2" X 1" X 1/2" X 1/8" ALUMINIUM CHANNEL 46" LONG (6063-T5)
⑨	SCHLEGEL #7527-6011-4 FINSEAL WOOLPILE.
⑩	SCHLEGEL #8628 POLYBOND FINSEAL (.280 HIGH X .360 BASE).
⑪	SCHLEGEL #7527-6011-6 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. 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	1/4" TEMPERED GLASS
㉕	EGS #553 - FRAME JAMB (6005-T5).
㉖	EGS #557 - FIXED STILE (6005-T5).

REVISIONS:  
△ - 6/18/98 PER  
DADE COUNTY  
CHANGES  
△ - 5/4/00

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SEAL  
18753  
5/10/00  
6/7/00

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**PRODUCT RENEWED**

ACCEPTANCE No. 01-0516-02

EXPIRATION DATE July 30, 2006

By Ishaq I. Chauda  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE September 14, 2000  
BY Ishaq I. Chauda  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0602-02

ATLANTIC SERIES  
SLIDING GLASS DOOR  
(Non - Impact)  
- Product Approval Submittal Drawings -

PLOT SCALE: 1" = 1"  
DWG FILE: EGS2-4.DWG  
CHKD BY: R.R.L.  
DATE: October 31, 1997  
DWG. NO. 6000  
Sheet #  
4 of 10

#	MATERIALS LIST △ FOR NON-IMPACT SLIDING DOOR
27	EGS #558 - LOCKING STILE (6005-T5).
28	EGS #559 - MAJOR INTERLOCK (6005-T5).
29	EGS #560 - MINOR INTERLOCK (6005-T5).
30	EGS #561 - STILE ADAPTOR (6005-T5).
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	HIGH STRENGTH NON-SHRINK GROUT
47	1 1/2" LONG CEDAR SHIMS AT EACH ANCHOR.

REVISIONS:  
 △ - 8/18/98 PER DADE COUNTY CHANGES  
 △ - 5/4/00

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SEAL  
*10/7/05*  
*Structural*  
*6/19/00*

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**PRODUCT RENEWED**  
 ACCEPTANCE No. 01-0516.02  
 EXPIRATION DATE July 30, 2006  
 By Ishaq I. Chanda  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE September 14, 2000  
 BY Ishaq I. Chanda  
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 ACCEPTANCE NO. 00-0602.02

**ATLANTIC SERIES  
 SLIDING GLASS DOOR**  
 (Non - Impact)  
 - Product Approval Submittal Drawings -

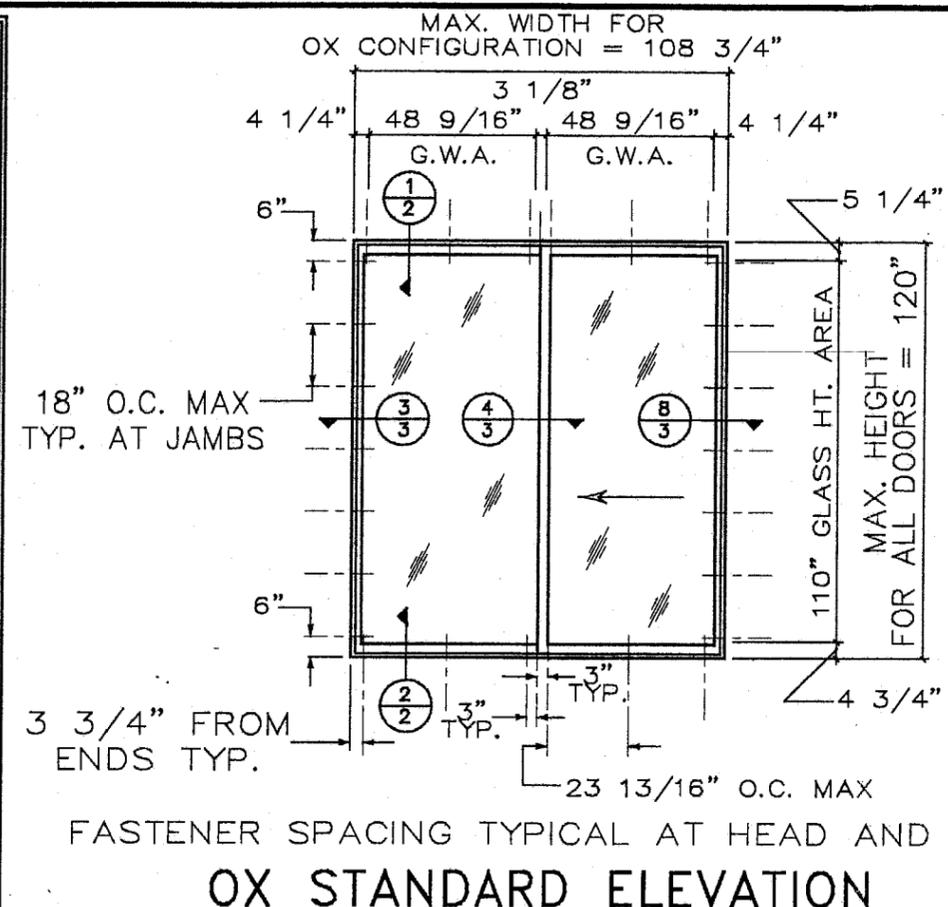
PLOT SCALE: 1" = 1"  
 DWG FILE: EGS2-5.DWG  
 CHKD BY: R.R.L.  
 DATE: October 31, 1997  
 DWG. NO. 6000

Sheet #  
**5 of 10**

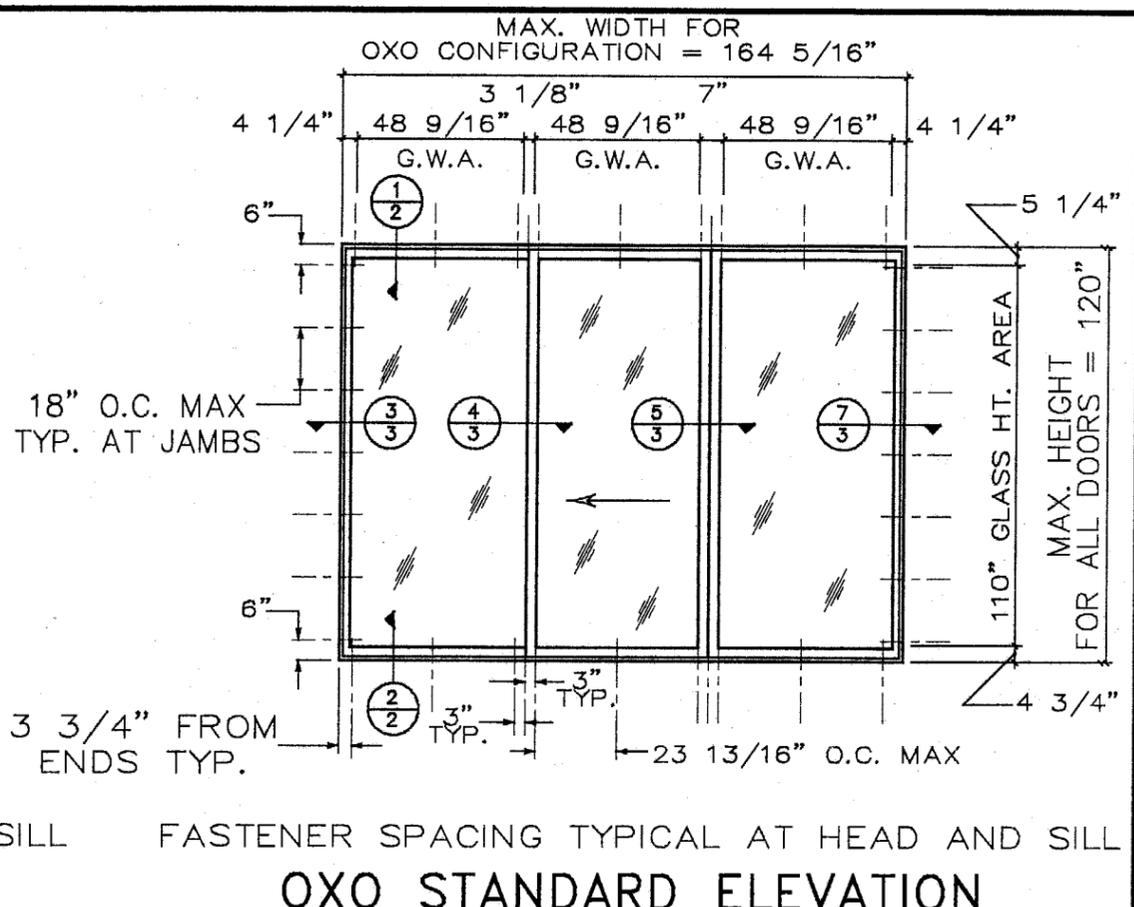
DOOR SIZE CHARTS	120± PSF Design Press. Max Door Size	130± PSF Design Press. Max Door Height (Based on tested Width)	130± PSF Design Press. Max Door Width (Based on tested Hgt.)
OX or XO DOOR	108 3/4" x 120"	108 3/4" x 111" **	*100 3/4" x 120"
OXO DOOR	164 5/16" x 120"	164 5/16" x 111" **	*152 5/16" x 120"
OXOX DOOR	216" x 120"	216" x 111" **	*200" x 120"
GLASS AREA OPENING	48-9/16" x 110"	48-9/16" x 101"	44-9/16" x 110"

\*DOOR WIDTH DIMENSION CAN BE EXCEEDED (limited to the tested door width) 108-3/4" FOR OX, 164-5/16" FOR OXO & 216" FOR OXOX, BY REDUCING DOOR HT. OF 120", AND NOT TO EXCEED 34 SQ. FT. OF GLASS AREA PER TABLE 35-E

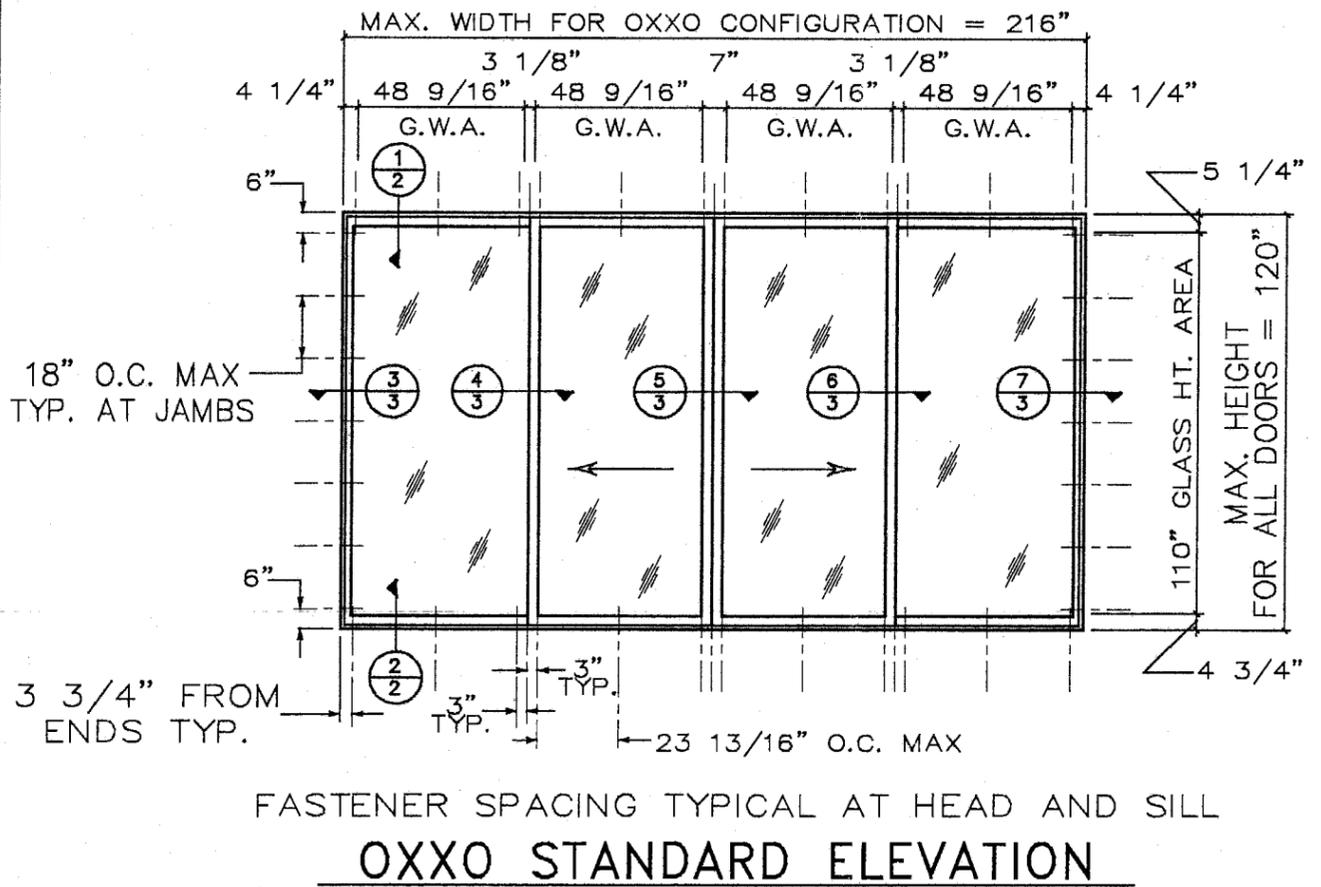
\*\*DOOR HEIGHT DIMENSION CAN BE EXCEEDED (limited to the tested door height size) UP TO 120" BY REDUCING DOOR WIDTH, AND NOT TO EXCEED 34 SQ. FT. OF GLASS AREA PER TABLE 35-E



**OX STANDARD ELEVATION**



**OXO STANDARD ELEVATION**



**OXOX STANDARD ELEVATION**

G.W.A. = GLASS WIDTH AREA

**PRODUCT RENEWED**

ACCEPTANCE No. 01-0516.02

EXPIRATION DATE July 30, 2006

By Ishag I. Chanda  
**PRODUCT CONTROL DIVISION**  
**BUILDING CODE COMPLIANCE OFFICE**

APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE September 14, 2000  
 BY Ishag I. Chanda  
**PRODUCT CONTROL DIVISION**  
**BUILDING CODE COMPLIANCE OFFICE**  
 ACCEPTANCE NO. CO-0602.02

**SMALL MISSILE IMPACT**

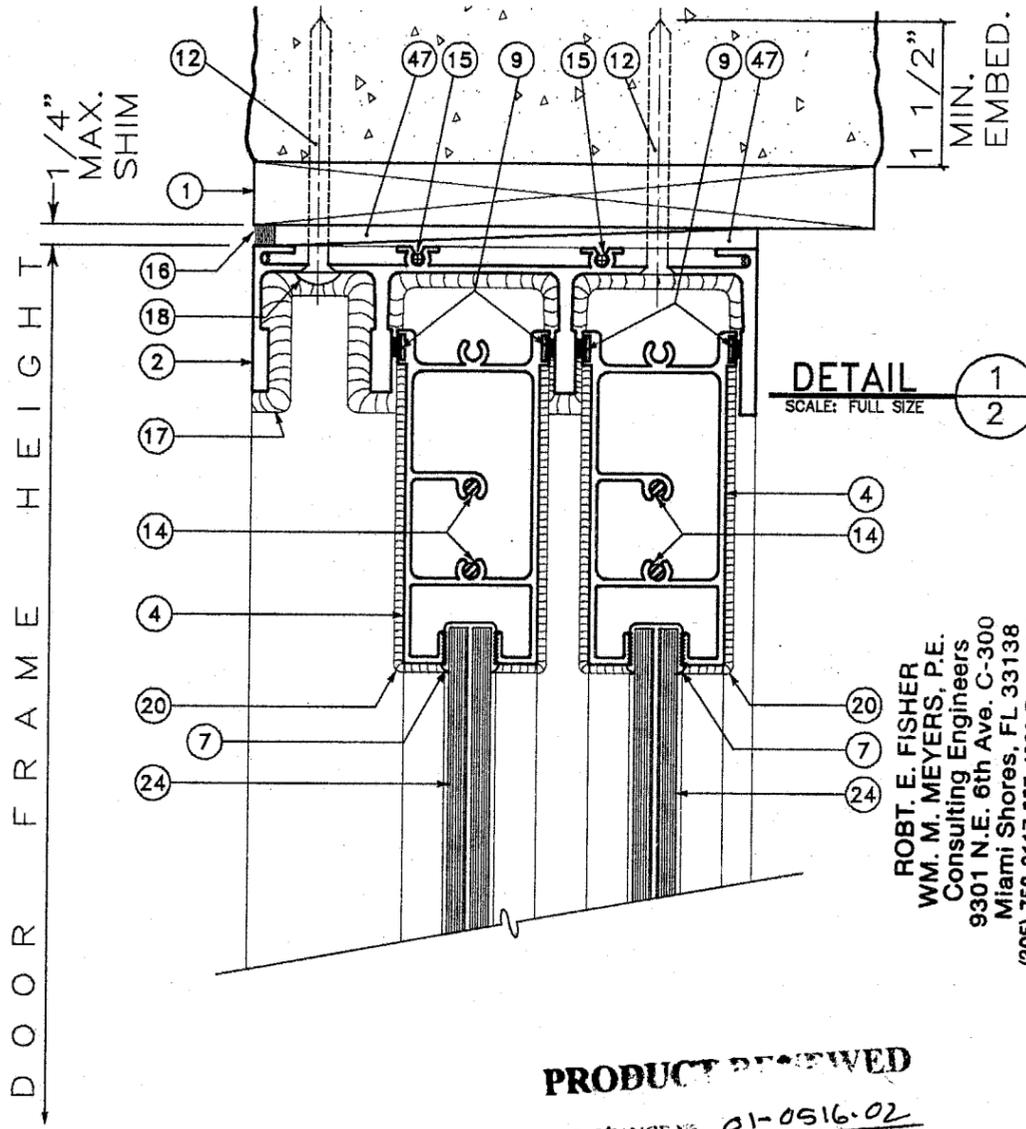
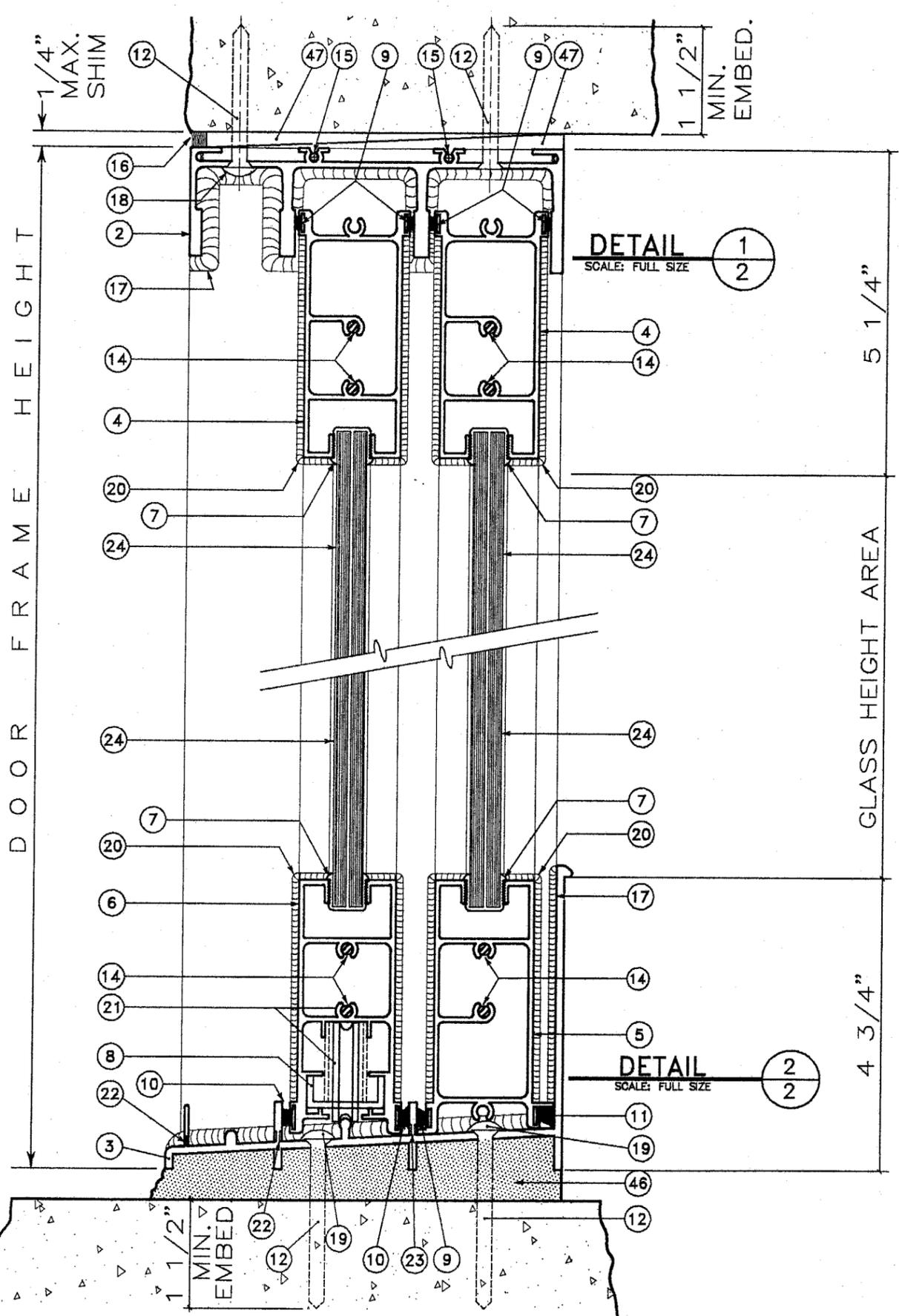
△ - 5/4/00

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

*Ishag I. Chanda*  
 1/8/00  
*Sheldahl*  
 6/19/00

**ATLANTIC SERIES**  
**SLIDING GLASS DOOR**  
 (Small Missile Impact)  
 - Product Approval Submittal Drawings -

PLOT SCALE: 1" = 1"  
 DWG FILE: EGS2-5.DWG  
 CWD BY: R.R.L.  
 DATE: October 31, 1997  
 DWG. NO. 6000  
 Sheet # 6 of 10



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 362-6287

**PRODUCT RECEIVED**  
 ACCEPTANCE NO. 01-0516.02  
 EXPIRATION DATE July 30, 2006  
 By Ishaq I. Chanda  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE September 14, 2000  
 BY Ishaq I. Chanda  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 00-0602.02

**SMALL MISSILE IMPACT**

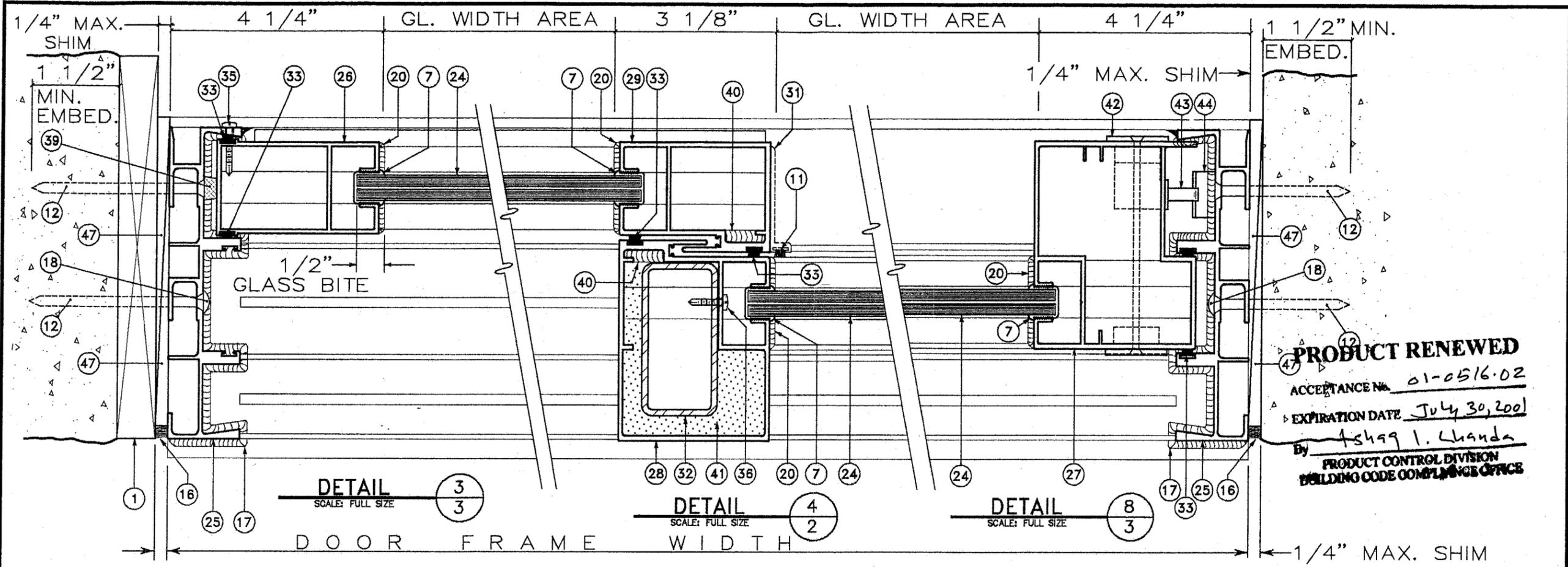
5/4/00

ENGINEERED GLASS SYSTEMS, INC  
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 PEMBROKE PARK, FLORIDA 33009  
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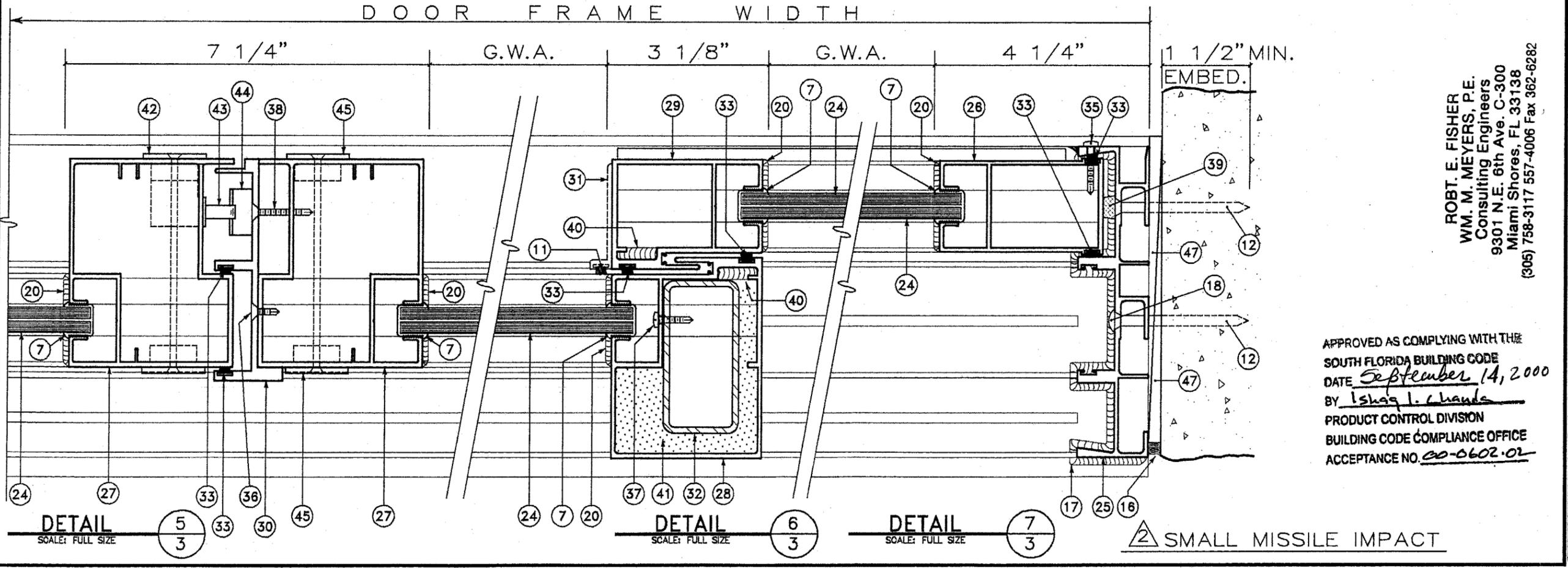
*12755*  
*2/10/00*  
*6/7/00*

**ATLANTIC SERIES  
 SLIDING GLASS DOOR**  
 (Small Missile Impact)  
 - Product Approval Submittal Drawings -

PLOT SCALE: 1" = 1"
DWG FILE: <u>EGS2-7.DWG</u>
CHKD BY: <u>R.P.L.</u>
DATE: <u>October 31, 1997</u>
DWG. NO. <u>6000</u>
Sheet #
<b>7 of 10</b>



**PRODUCT RENEWED**  
 ACCEPTANCE No. 01-0516-02  
 EXPIRATION DATE July 30, 2001  
 By Ishaq I. Chanda  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE



APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE September 14, 2000  
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 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 00-0602-02

**SMALL MISSILE IMPACT**

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

18785  
 5/17/00

**ATLANTIC SERIES  
 SLIDING GLASS DOOR**  
 (Small Missile Impact)  
 - Product Approval Submittal Drawings -

ROBT. E. FISHER  
 WM. M. MEYERS, P.E.  
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PLOT SCALE: 1" = 1"
DWG FILE: <u>EGS2-SDWG</u>
CHKD BY: R.R.L.
DATE: <u>October 31, 1997</u>
DWG. NO. 6000
Sheet #
<b>8 of 10</b>

#	MATERIALS LIST FOR SMALL MISSILE IMPACT SLIDING DOOR
①	P.T. SOUTHERN PINE WOOD BUCK 1" X STABILIZED.
②	EGS #551 HEAD TRACK (6005-T5)
③	EGS #552 SILL TRACK (6005-T5)
④	EGS #571 TOP RAIL (6005-T5)
⑤	EGS #572 FIXED BOTTOM RAIL (6005-T5)
⑥	EGS #573 ROLLING BOTTOM RAIL (6005-T5)
⑦	EGS #72 PVC GLAZING GASKET
⑧	1/2" X 1" X 1/2" X 1/8" ALUMINIUM CHANNEL 46" LONG (6063-T5)
⑨	SCHLEGEL #7527-6011-4 FINSEAL WOOLPILE.
⑩	SCHLEGEL #8628 POLYBOND FINSEAL (.280 HIGH X .360 BASE).
⑪	SCHLEGEL #7527-6011-6 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. 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" LAMINATED GLASS, CONSISTING OF: OUTBOARD LITE: 1/4" HEAT-STRENGTHENED GLASS POLYVINYL BUTYRAL (PVB .060 THICKNESS AS MANUFACTURED BY SOLUTIA INC.) INBOARD LITE: 1/4" TEMPERED GLASS. ▲
㉕	EGS #553 - FRAME JAMB (6005-T5).
㉖	EGS #574 - FIXED STILE (6005-T5).

▲ - 5/4/00  
▲ - 8/18/00

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18755  
5/17/00

**PRODUCT RENEWED**  
ACCEPTANCE No. 01-0516.02  
EXPIRATION DATE July 30, 2006  
By Ishaq I. Chanda  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE September 14, 2000  
BY Ishaq I. Chanda  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0602.02

**ATLANTIC SERIES  
SLIDING GLASS DOOR**  
(Small Missile Impact)  
- Product Approval Submittal Drawings -

PLOT SCALE: 1" = 1"  
DWG FILE: EGS2-8.DWG  
CHKD BY: R.R.L.  
DATE: October 31, 1997  
DWG. NO. 6000  
Sheet #  
**9 of 10**

#	MATERIALS LIST FOR SMALL MISSILE IMPACT SLIDING DOOR
(27)	EGS #575 - LOCKING STILE (6005-T5).
(28)	EGS #576 - MAJOR INTERLOCK (6005-T5).
(29)	EGS #577 - MINOR INTERLOCK (6005-T5).
(30)	EGS #561 - STILE ADAPTOR (6005-T5).
(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)	HIGH STRENGTH NON-SHRINK GROUT
(47)	1 1/2" LONG CEDAR SHIMS AT EACH ANCHOR.

△ - 5/4/00

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TEL: 954-964-1441  
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SEAL

*[Signature]*  
1/27/03  
*[Signature]*  
6/7/00

**PRODUCT RENEWED**

ACCEPTANCE No. 01-0516.02  
EXPIRATION DATE July 30, 2006  
By Ishaq I. Chaudhry  
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ACCEPTANCE NO. 00-0602-02

ATLANTIC SERIES  
SLIDING GLASS DOOR  
(Small Missile Impact)  
- Product Approval Submittal Drawings -

PLOT SCALE: 1" = 1"  
DWG FILE: EGS2-10.DWG  
CHKD BY: R.R.L.  
DATE: October 31, 1997  
DWG. NO. 6000  
Sheet #  
10 of 10

**Engineered Glass System, Inc.**

**ACCEPTANCE No.:** 01-0516.02

**APPROVED** : JUL 05 2001

**EXPIRES** : July 30, 2006

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

(For file purpose only. Not part of NOA)

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No 6000, titled "Atlantic Series Sliding Glass Door-(Non-Impact / Small Missile Impact." Sheets 1 through 10 of 10 dated 10-31-97, last revised on 08-18-00, signed and sealed by Wm. M. Meyers, P. E.

**B. TESTS** (original test report from file#97-1107.03)

1. Test reports on
  - 1) Air Infiltration Test, per PA 202-94
  - 2) Uniform Static Air Pressure Test, Loading per PA 202-94
  - 3) Water Resistance Test, per PA 202-94
  - 4) Small Missile Impact Test per SFBC, PA 201-94 (aggregate gravels)
  - 5) Cyclic Wind Pressure Loading per SFBC, PA 203-94
  - 6) Forced Entry Test, per SFBC 3603.2 (b) and PA 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. **FTL -97028**, dated 05-07-97, signed and sealed by late Gilbert Diamond, P.E.

2. Test reports on
  - 1) Small Missile Impact Test per SFBC, PA 201-94 (ball bearing)
  - 2) Cyclic Wind Pressure Loading per SFBC, PA 203-94

along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No.1( **FTL -00032**), dated 05-17-2000, signed and sealed by Aldo P. Gonzales, P.E.

**C. CALCULATIONS** (original test report from file#97-1107.03)

1. Anchor Calculations and structural analysis, prepared by Robert E. Fisher-Wm. M. Meyers, P.E., Consulting Engineers, dated 10-31-97 and revised on 05-06-98, signed and sealed by Wm. M. Meyers, P.E.

**D. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No.98-0728.05 for" Saflex IIIIG PVB Polyvinyl brutryal interlayer" issued to Solution Inc., with expiration date of 05-21-2001.

**E. STATEMENTS** (original from File#97-1107.03)

1. Statement letter of conformance, dated 08-17-00, signed by Robert E. Fisher & Wm. M. Meyers, P.E.
2. Statement letter of no financial interest, dated 08-17-00, signed by Robert E. Fisher and Wm M. Meyers, P.E.
3. Statement letter dated 08-17-00, issued by Arch Aluminum Glass Co., clarifying Arch Safety Glass (A.S.G.) being owned by Arch Alum, signed by Ed Macmahan, Manager (Arch Alum).
4. Statement letter of "No change" dated May 07, 2001, from Engineered Glass, signed by Gary Zack.

**F. OTHER**

1. Notice of Acceptance No. 97-1107.03, issued to Engineered Glass System Inc., on 07-30-1998 with expiration date of 07-31-2001.
2. Test proposal dated 11-16-1999, approved by this office, for compliance of glass impact requirements, per code change.
3. Complies w/ ASTM 1300-98

Ishaq I. Chanda  
Ishaq I. Chanda, P. E., Product Control Examiner  
Product Control Division