



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 4750 Flush Glazed Aluminum Storefront System - Impact
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.

ACCEPTANCE NO.: 00-1114.11
EXPIRES: 01/05/2004

Raul Rodriguez
Chief Product Control Division

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: 02/15/2001

Engineered Glass Systems, Inc.

ACCEPTANCE No.: 00-1114.11

APPROVED : FEB 15 2001

EXPIRES : January 05, 2004

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

1.1 This renews the Notice of Acceptance No. 99-0713.02, which was issued on January 04, 2000. It approves an aluminum flush glazed storefront system, 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 4750 Flush Glazed Aluminum Storefront System –Large Missile Impact Resistant and its components shall be constructed in strict compliance with the following documents: Drawing No 4750L titled “Series 4750 Large Missile Impact Storefront System” Sheets 1 through 3 of 3 dated April 23, 1999, revised on 11/24/99, prepared by manufacturer, signed and sealed by William M. Meyer, P.E., and 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 multiple unit applications of an aluminum storefront system, limited only to the maximum height (span) and mullion spacing; for the Design Pressure Rating shown in the approved drawing.

4. INSTALLATION

4.1 The aluminum storefront system and its components shall be installed in strict compliance with the approved drawings.

4.2 Hurricane protection system (shutters): the installation of this unit 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".

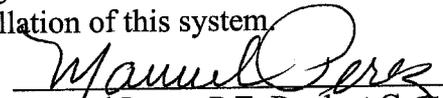
6. BUILDING PERMIT REQUIREMENTS

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.


Manuel Perez, P.E. Product Control Examiner
Product Control Division

Engineered Glass Systems, Inc.

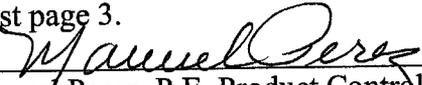
ACCEPTANCE No.: 00-1114.11

APPROVED : FEB 15 2001

EXPIRES : January 05, 2004

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.


Manuel Perez, P.E. Product Control Examiner
Product Control Division

END OF THIS ACCEPTANCE

Engineered Glass Systems, Inc.

ACCEPTANCE No.: 00-1114.11

APPROVED : FEB 15 2001

EXPIRES : January 05, 2004

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED
(For File ONLY. Not part of NOA.)

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **4750L** titled "Series 4750 Large Missile Impact Storefront System" Sheets 1 through 3 of 3 dated April 23, 1999, revised on 11/24/99, prepared by manufacturer, signed and sealed by William M. Meyer, P.E.

Submitted under previous file No. 99-0713.02

- B.** 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) Large Missile Impact Test per SFBC, PA 201-94
 - 5) Cyclic Wind Pressure Loading per SFBC, PA 203-94
- along with installation diagram of an aluminum out-swinging storefront system, 3" x 4-3/4", 10' 0" span x 61" mullion spacing, mounted on wood frame, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-2243**; dated January 1999, signed and sealed by Gilbert Diamond, P.E.

Submitted under previous file No. 99-0713.02

C. CALCULATIONS

1. Anchor Calculations and structural analysis, prepared by Robert E. Fisher – Wm. M. Meyer, P.E. Consulting Engineers, dated 6/30/99, signed and sealed by Wm. M. Meyer, P.E.

Submitted under previous file No. 99-0713.02

D. MATERIAL CERTIFICATIONS

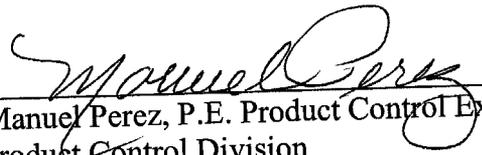
1. Notice of Acceptance No. 98-0608.03 issued to E.I. Dupont De Nemour for "Sentry Glass Plus", approved on 01/14/99 and expiring on 01/14/2002.

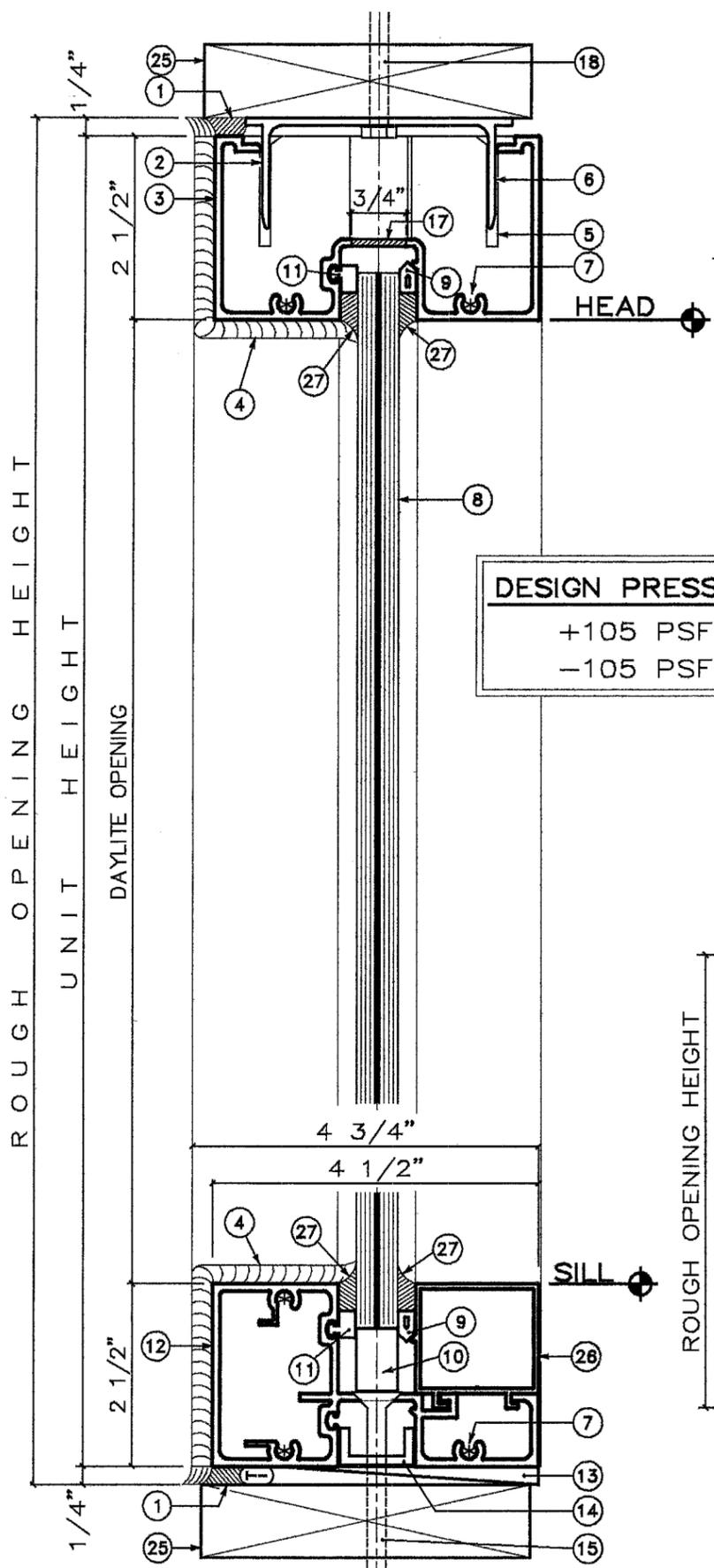
E. STATEMENTS

1. Letter from Engineered Glass Systems, stating that this product has not changed in any shape since it was last approved and that the engineer is still in business, dated on January 3, 2001, signed by Robert Laviolette, Secretary Treasurer

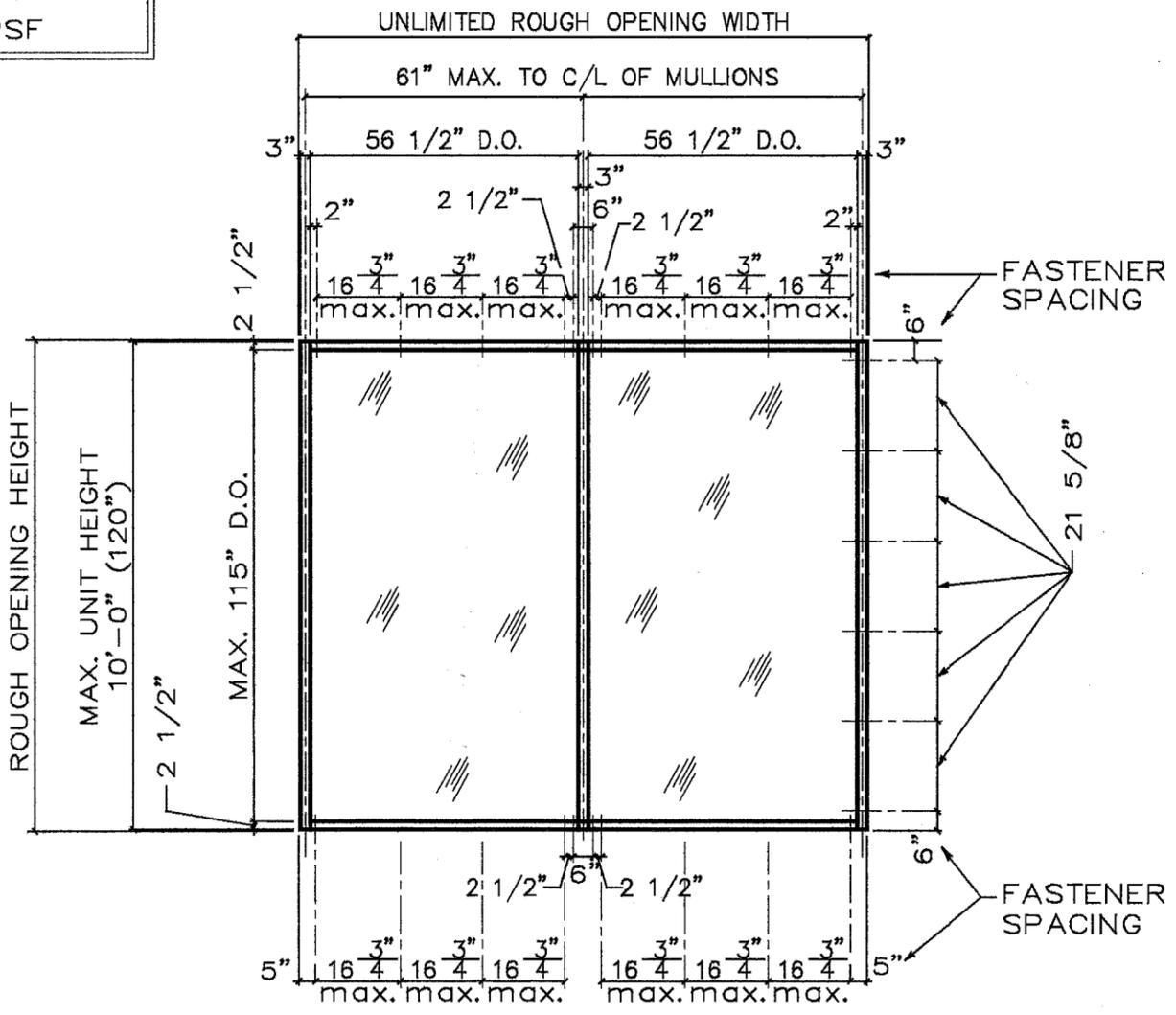
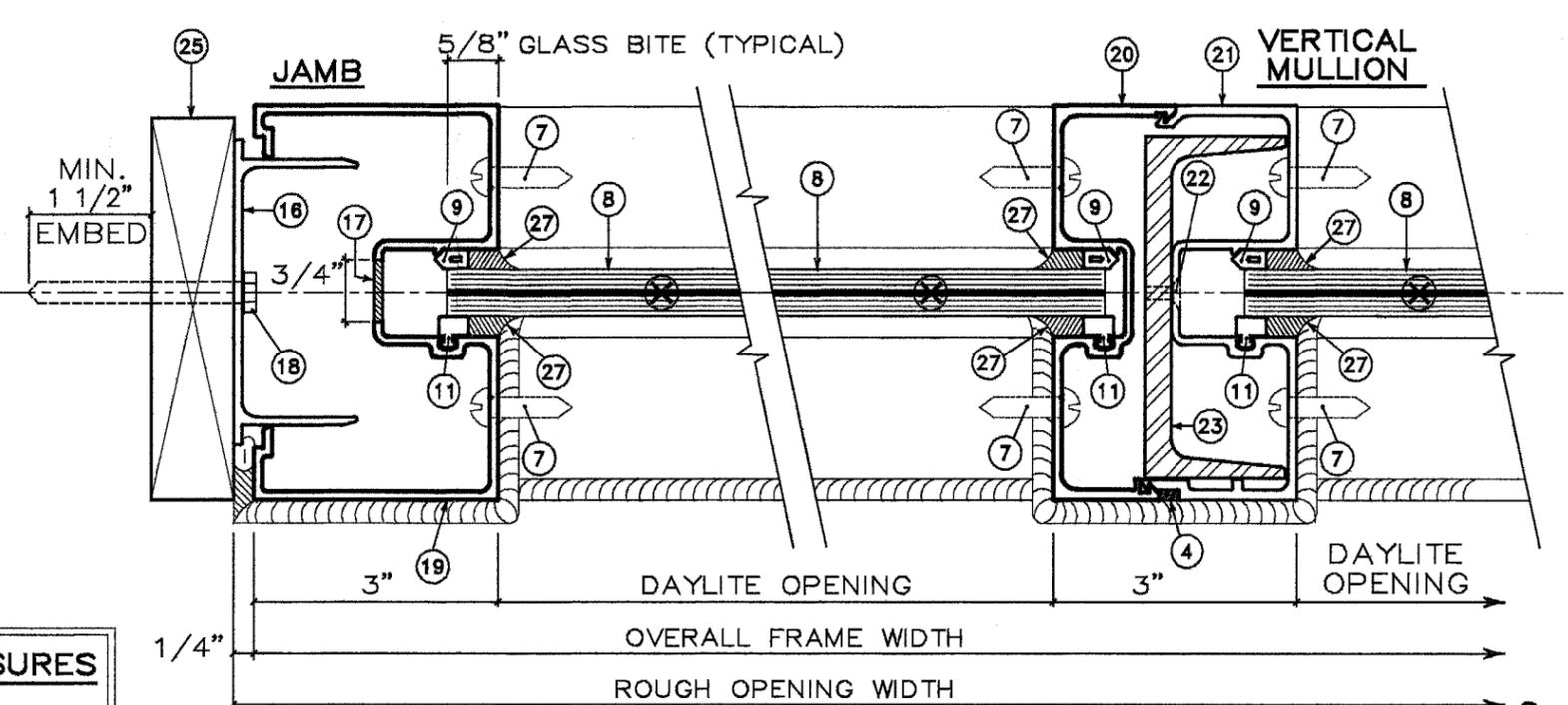
F. OTHER

1. This approval revises NOA No. **99-0713.02**, which was approved January 4, 2000


Manuel Perez, P.E. Product Control Examiner
Product Control Division



DESIGN PRESSURES
 +105 PSF
 -105 PSF



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

REVISIONS:
 11/24/99
 PER DADE
 COUNTY
 CHANGES

ENGINEERED GLASS SYSTEMS, INC
 3133 SW 25th STREET
 PEMBROKE PARK, FLORIDA 33009
 TEL: 954-984-1441
 FAX: 954-984-1583

SEAL
 Mr. Meyer
 12/2/99
 Structural

**SERIES 4750
 LARGE MISSILE IMPACT
 STOREFRONT SYSTEM**

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE February 15, 2001
 BY *Manuel...*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 00-114-11

PLOT SCALE: 1" = 1'-0"
 DWG FILE: EGG-1.DWG
 CHKD BY: RAL
 DATE: April 25, 1999
 DWG. NO. 4750L
 1 of 3

REVISIONS:
 11/24/99
 PER DADE COUNTY CHANGES

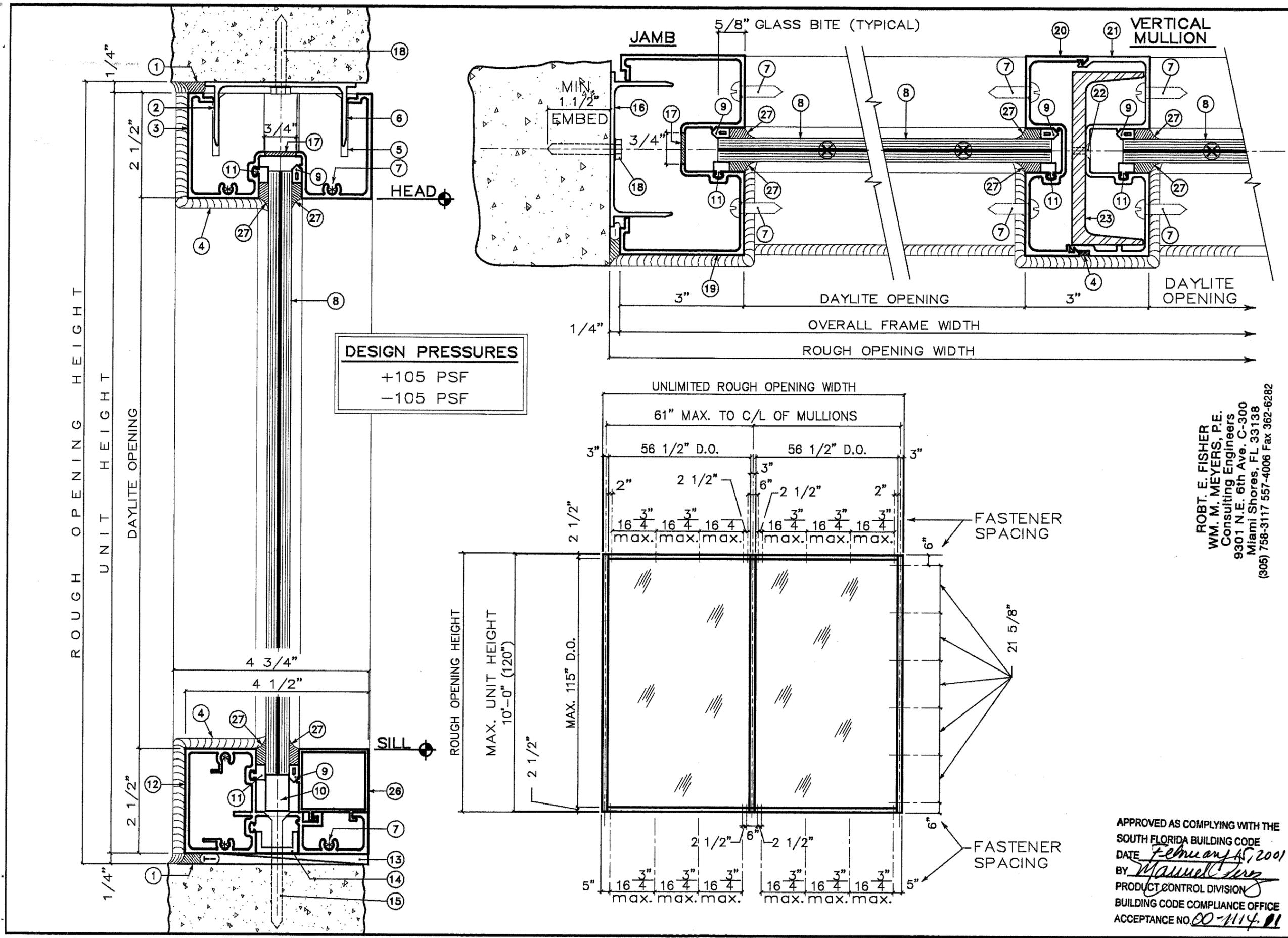
ENGINEERED GLASS SYSTEMS, INC
 5188 SW 25th STREET
 PEMBROKE PARK, FLORIDA 33009
 TEL: 954-964-1441
 FAX: 954-964-1533

1/27/01
 12/2/01

**SERIES 4750
 LARGE MISSILE IMPACT
 STOREFRONT SYSTEM**

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE February 15, 2001
 BY *Manuel Lopez*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 00-114-01

PLOT SCALE: 1" = 1"
 DWG FILE: RSP EGSS-2.DWG
 CHD BY: RAL
 DATE: April 24, 1999
 DWG. NO. 4750L
 Sheet #
 2 of 3



ROBT. E. FISHER
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#	MATERIALS LIST	
①	URETHANE SEALANT AT PERIMETER OF FRAME	⑩ ENGINEERED GLASS SYSTEMS #135 SUB-BUCK, LENGTH TO EQUAL FRAME HEIGHT.
②	ENGINEERED GLASS SYSTEMS EXTRUSION #135 ALUMINUM SUB-BUCK.	⑪ 3/4" DIAMETER ACCESS HOLE AT EACH ANCHOR.
③	ENGINEERED GLASS SYSTEMS EXTRUSION #129 ALUMINUM FRAME HEAD.	⑫ 1/4" DIAMETER FLAT OR HEX HEAD TAPCON CONCRETE ANCHOR WITH THE PROPER LENGTH TO INSURE A MIN. 1 1/2" EMBEDMENT INTO CONCRETE.
④	MEDIUM MODULUS SILICONE AT ALL EXTERIOR METAL TO METAL JOINTS.	⑬ ENGINEERED GLASS SYSTEMS #132 JAMB MEMBER.
⑤	NOTCH EGS #133 & #134 FOR EGS #135.	⑭ ENGINEERED GLASS SYSTEMS #133 FEMALE MULLION MEMBER.
⑥	EGS #135 ALUMINUM SUB-BUCK, CONTINUOUS BETWEEN VERTICAL JAMB MEMBERS AND BUTT JOINTED AT CENTER OF VERTICAL MULLIONS.	⑮ ENGINEERED GLASS SYSTEMS #134 MALE MULLION MEMBER.
⑦	#14 X 1" LONG SHEET METAL SCREW, STAINLESS STEEL (Typical Assembly Screw).	⑯ #12-24 MACHINE SCREW 6" FROM ENDS AND A MAX. 12" ON CENTER.
⑧	9/16" Thk. TEMPERED LAMINATED GLASS (Two (2) Lites 1/4" Tempered With .090 Thk. Interlayer Film, Dupont's Sentry Glass Plus).	⑰ 4" X 7.25 LBS. STRUCTURAL STEEL CHANNEL, LENGTH 20" SMALLER THAN FRAME HEIGHT CENTERED VERTICALLY IN HEIGHT.
⑨	TREMCO #TR-1633E EPDM ARROW SHIM, CON'T (60 Durometer), TYPICAL INTERIOR GASKETS.	⑱ NOT USED.
⑩	4" LONG 1/2" X 7/8" NEOPRENE SETTING BLOCKS, (Two (2) Per Lite Located At Quarter Points).	⑲ P.T. SOUTHERN PINE WOOD BUCK, 1" X 4 1/2" OR 2" X 4 1/2" STABILIZED.
⑪	TREMCO #TR-444E NEOPRENE PAD (60 Durometer).	⑳ ENGINEERED GLASS SYSTEMS #131 GLASS STOP.
⑫	ENGINEERED GLASS SYSTEMS EXTRUSION #130 FRAME SILL.	㉑ "TREMCO SPECTREM II" MEDIUM MODULUS SILICONE AT PERIMETER OF ALL GLASS TO METAL.
⑬	1 1/2" LONG CEDAR SHIMS AT EACH SILL ANCHOR.	
⑭	3" LONG 1/2" X 1" X 1/2" X 1/8" ALUMINUM CHANNEL AT EACH SILL ANCHOR.	
⑮	1/4" DIAMETER FLAT HEAD TAPCON CONCRETE ANCHOR WITH THE PROPER LENGTH TO INSURE A MIN. 1 1/2" EMBEDMENT INTO CONCRETE.	

REVISIONS:
 11/24/99
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 COUNTY
 CHANGES

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 TEL: 954-964-1441
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18705
 5/20/01
 12/2/99

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SERIES 4750
 LARGE MISSILE IMPACT
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APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
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 BY *Moumel*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 00-1114-11

PLOT SCALE: 1" = 1'
 DWG FILE: BCD EGS-3.DWG
 CHD BY: RAL
 DATE: April 25, 1999
 DWG. NO. 4750L
 3 of 3