



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)

www.buldingcodeonline.com

EFCO Corporation
1000 County Road
Monett, MO 65708

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: Series "2600 System II" Aluminum Project-Out Window – S.M.I.

APPROVAL DOCUMENT: Drawing No.1029A, titled "S-2600 System II Small Missile Impact Fixed/Project Out Window", sheets 1 through 5 of 5, dated 08/25/03, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Small Missile Impact Resistant

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 # 03-0829.03 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 **Manuel Perez, P.E.**



NOA No. 06-0605.09
Expiration Date: September 20, 2011
Approval Date: January 11 2007
Page 1

EFCO Corporation

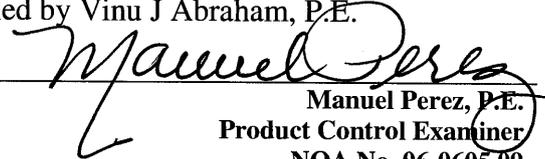
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **1029A**, titled "S-2600 System II Small Missile Impact Fixed/Project Out Window", sheets 1 through 5 of 5, dated 08/25/03, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren Schaefer, P.E.
(Submitted under NOA# 03-0829.03)

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) Water Resistance Test, per FBC, TAS 202-94
4) Small 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 EFCO S2600 System II combination aluminum fixed/project-out, fixed and outswing casement windows, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0046-0505.03**, dated 4/28/03, signed and sealed by Vinu J Abraham, P.E.
(Submitted under NOA# 00-0207.13)
2. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water 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 EFCO S2600 System II combination aluminum fixed/project-out, fixed and outswing casement windows, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0046-0212-99**, dated 02/23/99, signed and sealed by Vinu J Abraham, P.E.
(Submitted under NOA# 03-0829.03)
3. 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) Small 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 EFCO S2600 System II combination aluminum fixed/project-out, fixed and outswing casement windows, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0046-0508-99**, dated from 05/10 to 06/30/99, signed and sealed by Vinu J Abraham, P.E.
(Submitted under NOA# 03-0829.03)


Manuel Perez, P.E.
Product Control Examiner
NOA No. 06-0605.09

Expiration Date: September 20, 2011
Approval Date: January 11 2007

EFCO Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS

1. Anchor Calculations, dated 11/28/00, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.
Additional letter verifying calculations and structural analysis, to comply with FBC-2004, dated 5/25/06, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.,
Complies with ASTM E1300-98 (Submitted under NOA# 03-0829.03)
2. Anchor Calculations, ASTM-E1300-98, and structural analysis, dated 12/29/99, prepared by manufacturer, signed and sealed by Richard DiBlasi, P.E.
(Submitted under NOA# 00-0207.13)

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **01-0205.02**, issued to Solutia, Inc. for their "Saflex / Keepsafe Maximum", approved on 05/17/01 and expiring on 05/21/06.

F. STATEMENTS

1. Statement letter verifying calculations and structural analysis, to comply with FBC-2004, dated 5/25/06, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.,

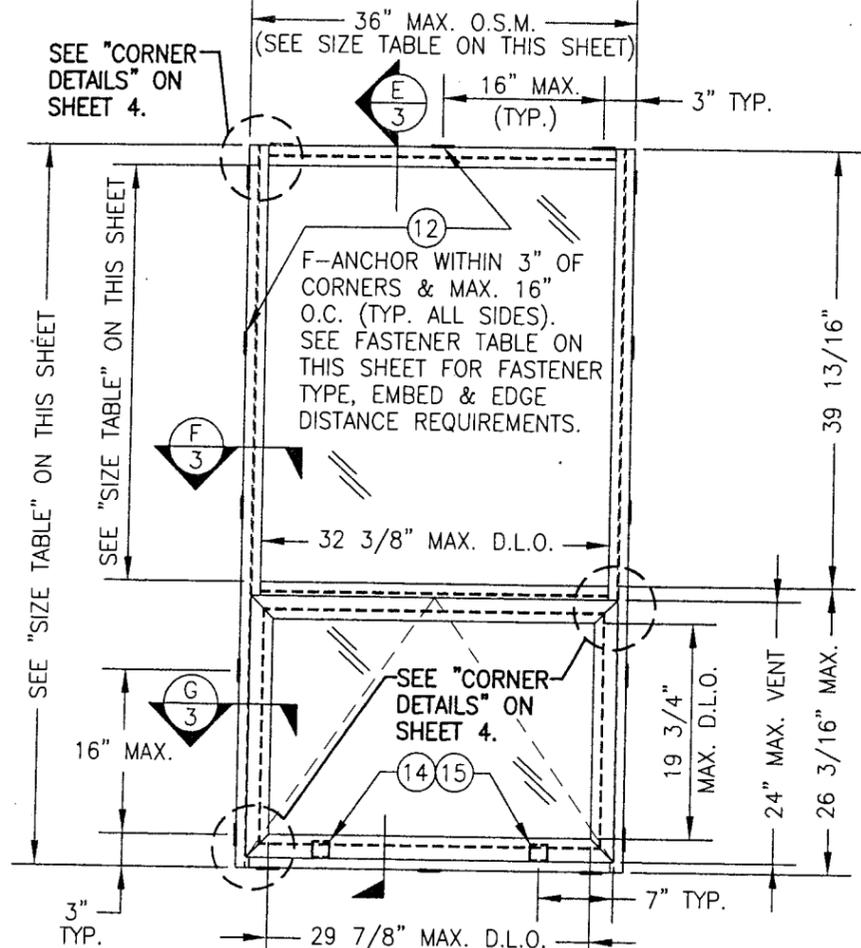
G. OTHER

1. Notice of Acceptance No. **03-0829.03**, issued to EFCO Corporation for their Series "S-2600" System II Aluminum Project-Out Window-SM, approved on 10/30/03 and expiring on 09/20/06.

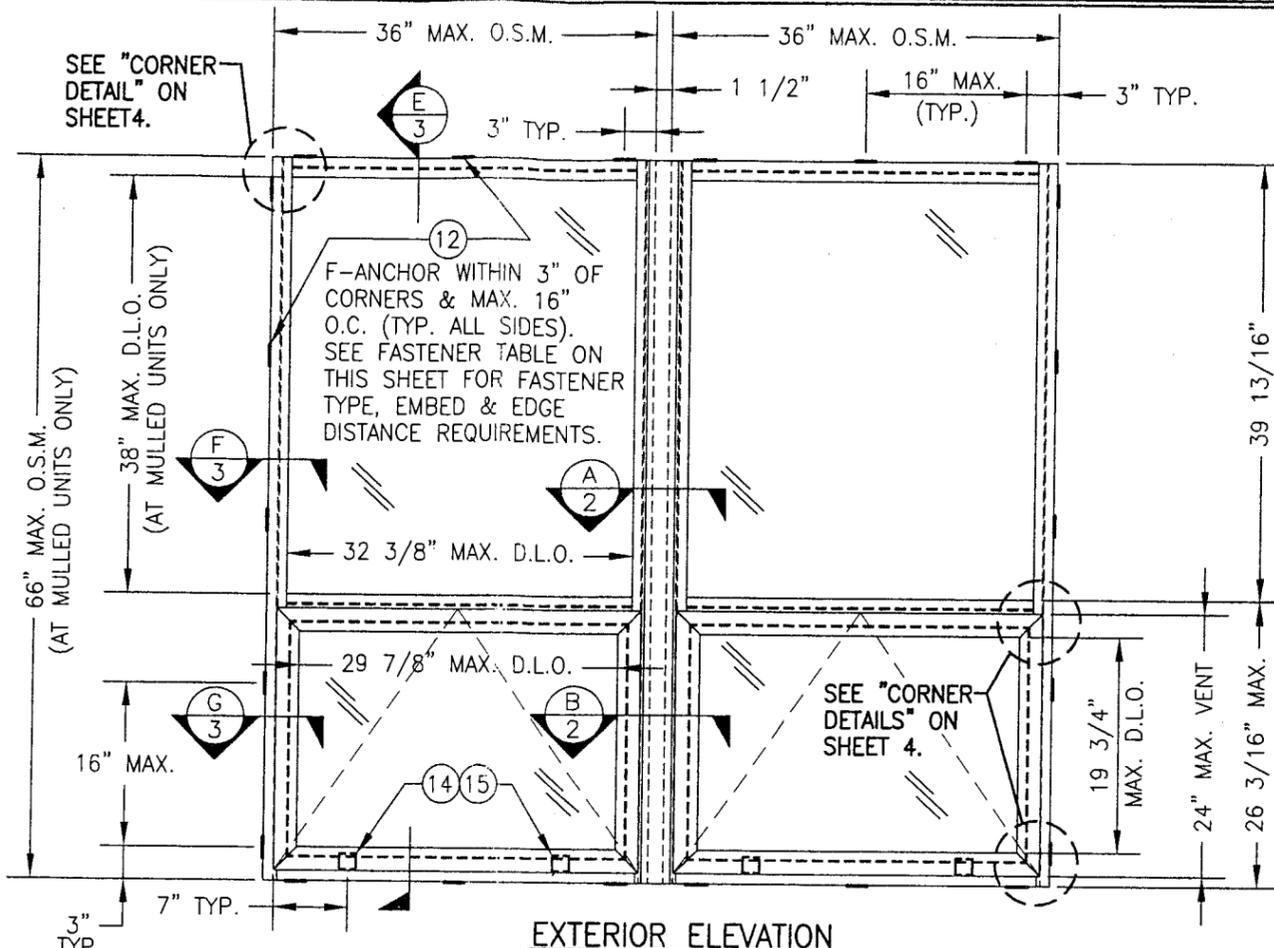

Manuel Perez, P.E.
Product Control Examiner
NOA No. 06-0605.09

Expiration Date: September 20, 2011

Approval Date: January 11 2007



EXTERIOR ELEVATION
SINGLE FIXED/PROJECT OUT WINDOW
 SCALE: 3/4"=1'-0"



EXTERIOR ELEVATION
FIXED/PROJECT OUT WINDOW MULLERED TO FIXED/PROJECT OUT WINDOW
 SCALE: 3/4"=1'-0"
 MORE THAN 2 WINDOWS MAY BE STACKED HORIZONTALLY

O.S.M. = OUTSIDE FRAME MEASUREMENT

GENERAL NOTES

1. THESE WINDOW SYSTEMS HAVE BEEN TESTED, ANALYZED AND APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN LOADS" TABLE.
2. BUCKING, OPENINGS & BUCKING FASTENERS MUST BE DESIGNED & INSTALLED TO WITHSTAND WIND LOADS AS DETERMINED FOR EA. APPLICATION
3. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & MAY NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS.
4. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR SMALL MISSILE IMPACT WINDOWS.
5. THESE WINDOW SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE (FBC) FOR HIGH VELOCITY HURRICANE ZONE.

| OPENING TYPE (SUBSTRATE) | CLIP TO OPENING FASTENER TYPE | NO. FASTENERS PER CLIP INTO SUBSTRATE | MINIMUM EMBEDMENT | MINIMUM EDGE DIST. |
|--------------------------|-------------------------------|---------------------------------------|-------------------|--------------------|
| WOOD | NO. 12 SMS SCREW | 3 | 1 1/8" | 1" |
| MIN. 18 GA. STUD | NO. 12 TEK SCREW | 3 | FULL | 1/2" |
| STRUCT. STEEL | NO. 12 TEK SCREW | 3 | FULL | 1/2" |
| CMU/CONCRETE | 1/4" TAPCON | 2 | 1 1/4" | 2" |

WINDOW MAXIMUM SIZE TABLE (SINGLE WINDOWS ONLY)

| FRAME WIDTH | FRAME HEIGHT | TOP WINDOW D.L.O. | | BOTTOM WINDOW D.L.O. | |
|-------------|--------------|-------------------|----------|----------------------|----------|
| | | HORIZONTAL | VERTICAL | HORIZONTAL | VERTICAL |
| 24" | 99" | 20 3/8" | 71" | 17 7/8" | 19 3/4" |
| 27" | 88" | 23 3/8" | 60" | 20 7/8" | 19 3/4" |
| 30" | 79" | 26 3/8" | 51" | 23 7/8" | 19 3/4" |
| 33" | 72" | 29 3/8" | 44" | 26 7/8" | 19 3/4" |
| 36" | 66" | 32 3/8" | 38" | 29 7/8" | 19 3/4" |

NOTES: 1) ALL MULLED UNITS ARE LIMITED TO 66" TALL AS TESTED.
 2) ALL WINDOWS ARE LIMITED TO 36" MAXIMUM WIDTH.

ALLOWABLE DESIGN LOADS & IMPACT RATING

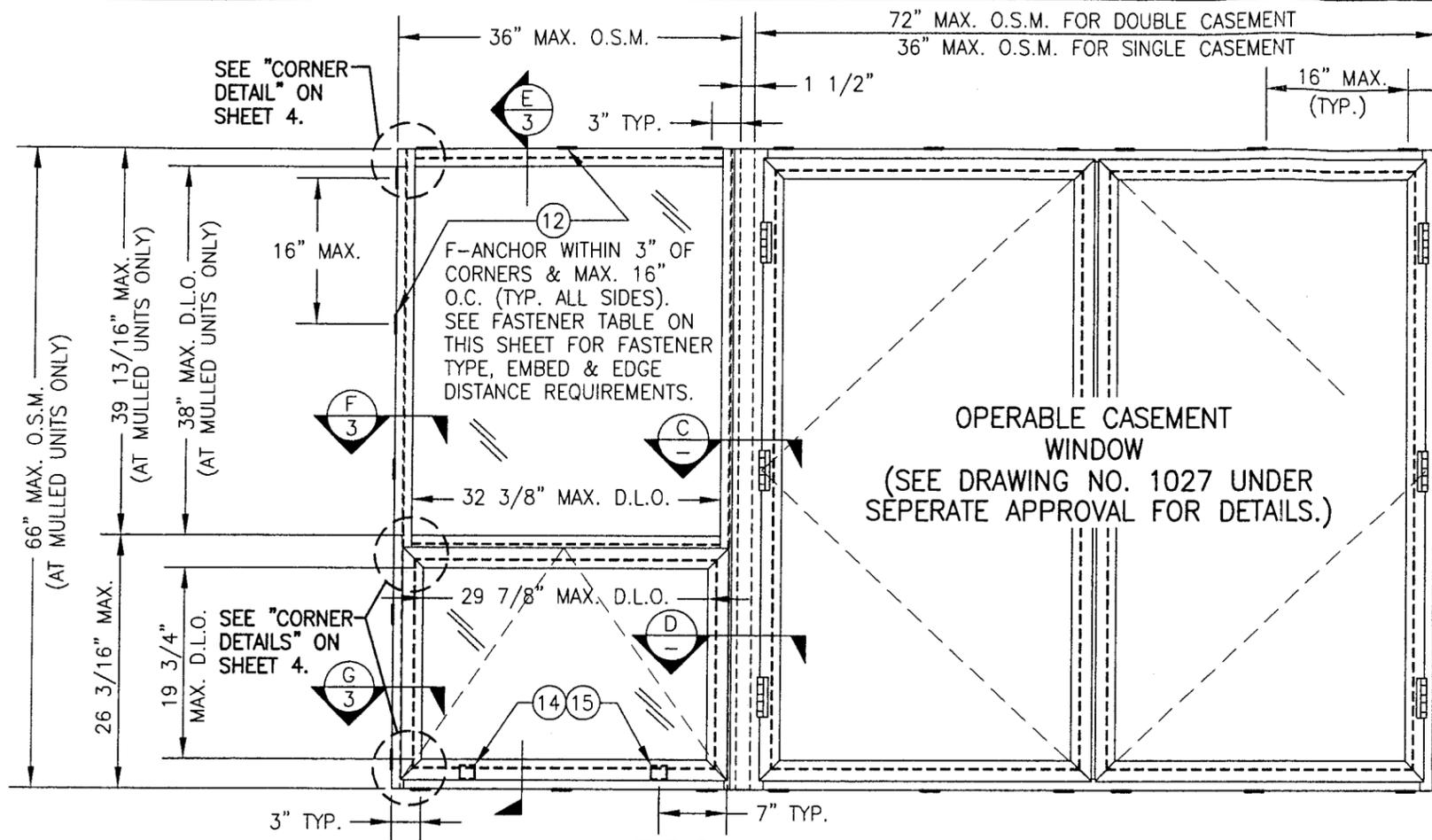
| GLAZING DESCRIPTION | ALLOWABLE PRESSURE | |
|---|--------------------|----------|
| | POSITIVE | NEGATIVE |
| GLASS "A": LAMINATED 9/16" HEAT STRENGTHENED GLASS WITH 0.06" PVB | 100 PSF | 100 PSF |
| GLASS "B": 1 1/4" OVERALL I.G. GLASS (9/16" LAMINATED HT. STR. WITH 0.06" SAFLEX PVB @ OUTER/7/16" AIR SPACE/1/4" HT. STR. @ INNER) | 100 PSF | 100 PSF |

LOAD TABLE NOTE:
 1. ALL MULLED UNITS ARE LIMITED TO 66" TALL AS TESTED.
 2. SMALL MISSILE IMPACT WINDOWS MAY NOT BE INSTALLED AT A SILL ELEVATION LESS THAN 30 FT. ABOVE GRADE.

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No 03-0829.03
 Expiration Date 09/20/10
 By: *Eleonore Sherman*
 Miami Dade Product Control Division

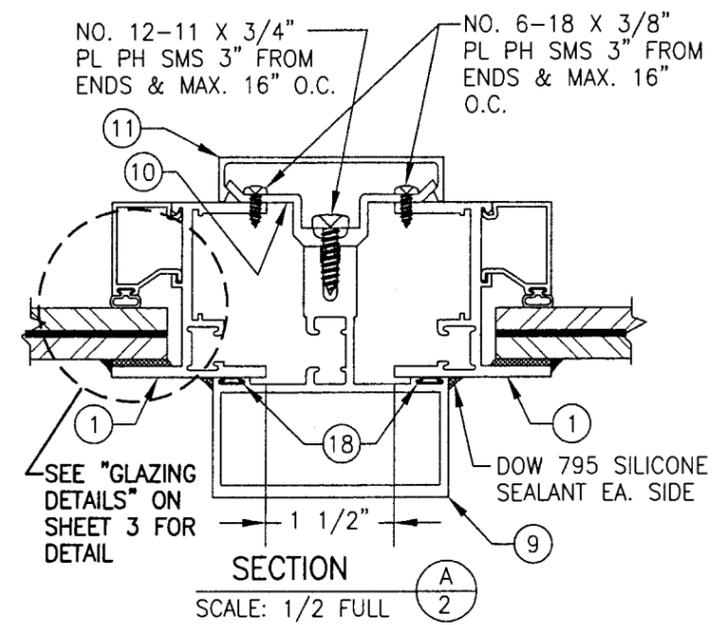
PRODUCT RENEWED
 as complying with the Florida Building Code
 Acceptance No 06-0605.09
 Expiration Date SEPT. 20, 2011
 By: *Manuel Perez*
 Miami Dade Product Control Division

| | |
|---|--|
| DRAWN BY: K.P.S. | CHECKED BY: W.W.S. |
| PLLOT: 1=16 | DATE: 08/25/03 |
| DATE | BY |
| REVISION DESCRIPTION | NO. |
| DRAWING TITLE S-2600 SYSTEM II SMALL MISSILE IMPACT FIXED/PROJECT OUT WINDOW | |
| MANUFACTURER EFCO CORPORATION | 1000 COUNTY ROAD; P.O. BOX 609 MONETT, MO 65708-0609 800-221-4169 |
| 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 AUG 26 2003 | WARREN W. SCHAEFER, P.E. P.E. NO. 44135 |
| DRAWING NO. 1029A | REV. |
| SHEET NO. 1 OF 5 | |



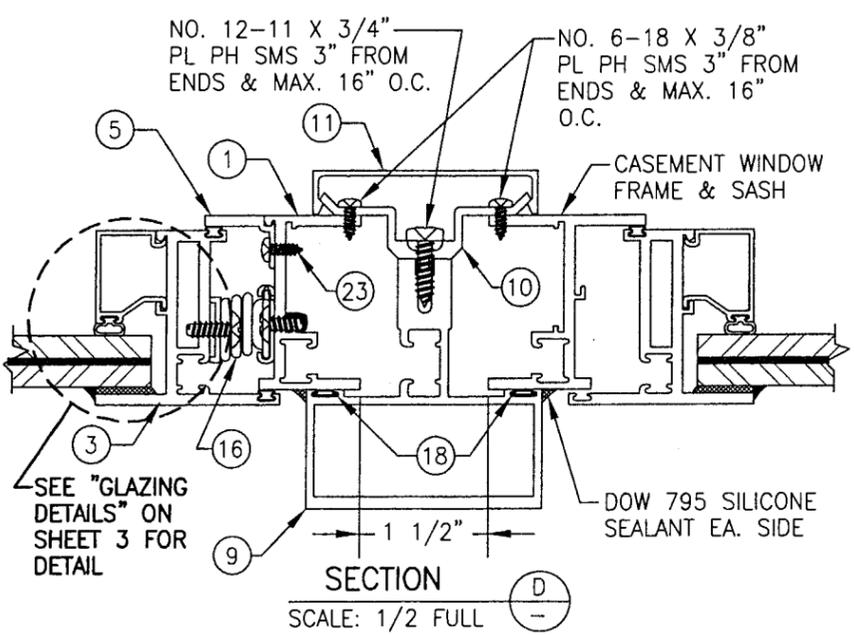
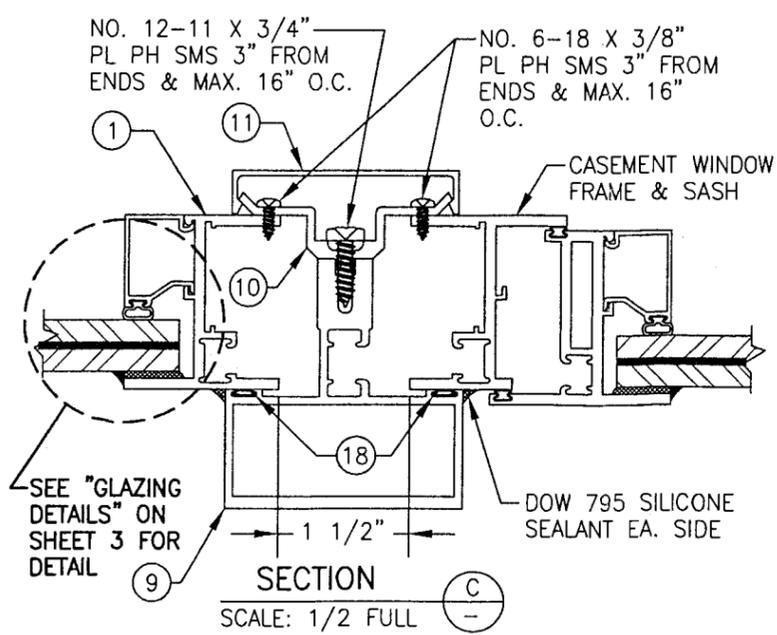
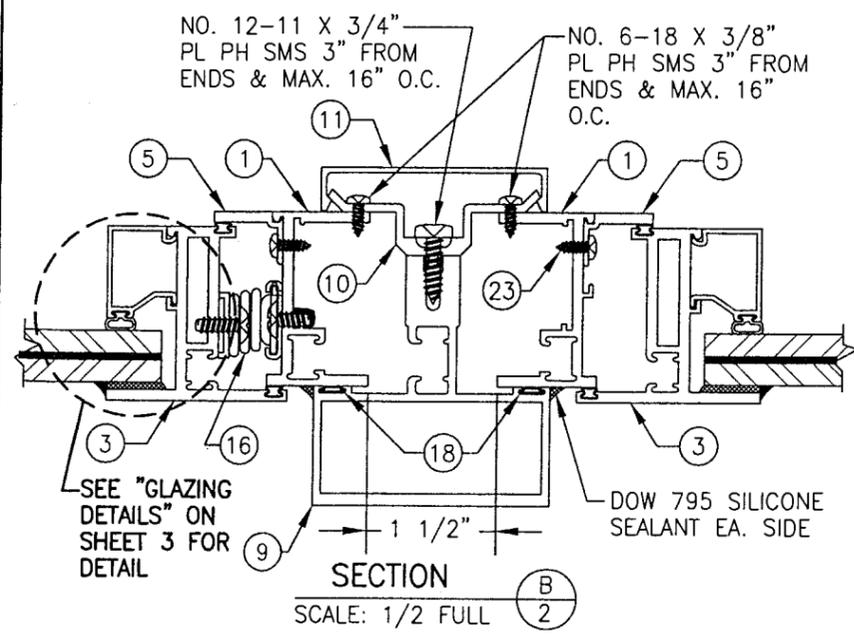
EXTERIOR ELEVATION
FIXED/PROJECT OUT WINDOW MULLERED TO CASEMENT WINDOW
 SCALE: 3/4" = 1'-0"
 MORE THAN 2 WINDOWS MAY BE STACKED HORIZONTALLY

FOR FIXED/PROJECT OUT WINDOW MULLERED TO FIXED WINDOW, SEE DRAWING NO. 1028. UNDER SEPERATE APPROVAL.

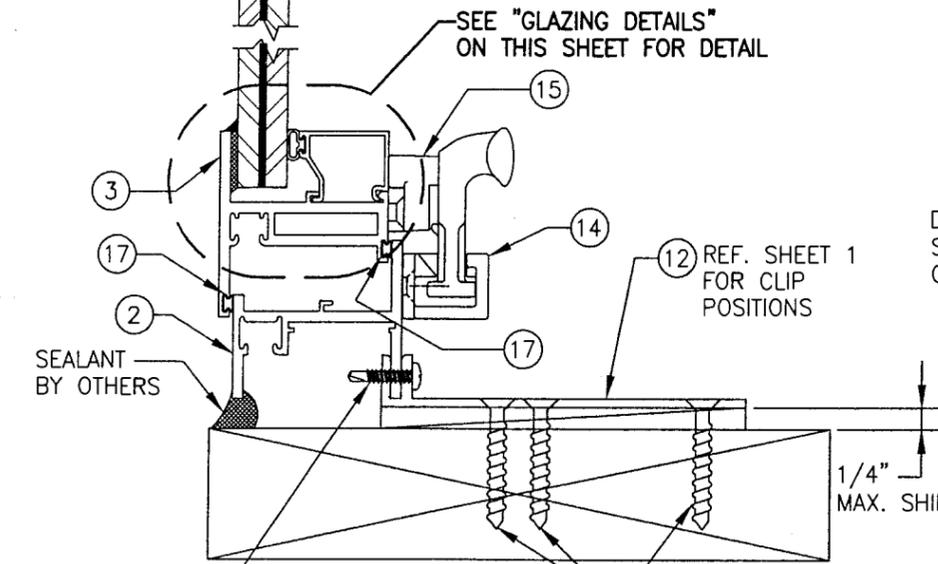
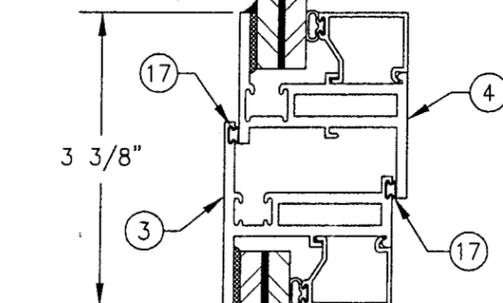
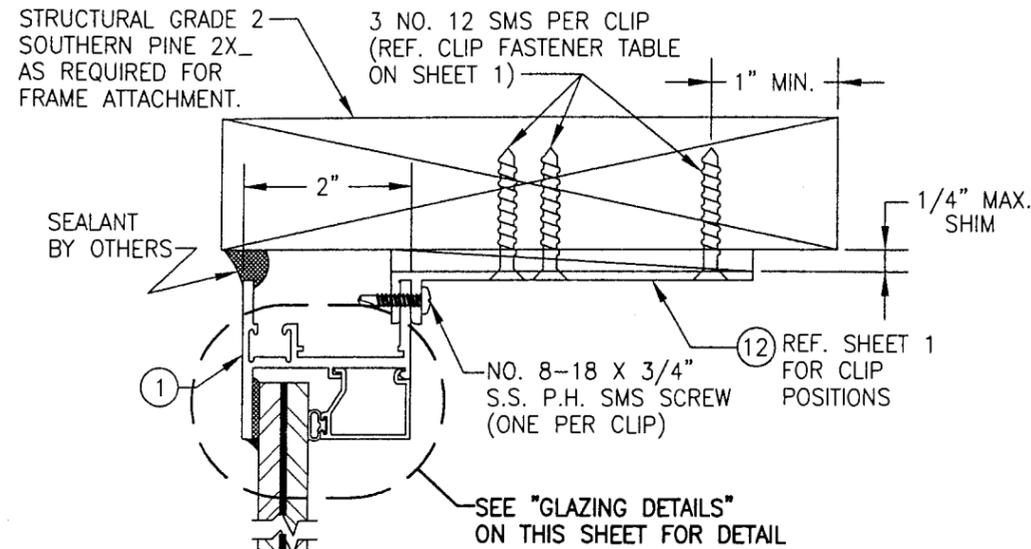


PRODUCT RENEWED
 as complying with the Florida Building Code
 Acceptance No. 06-0605.09
 Expiration Date SEPT. 20, 2011
 By *Wanda Rose*
 Miami Code Product Control Division

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No. 03-0829.03
 Expiration Date 09/20/06
 By *Clarence Berran*
 Miami Code Product Control Division



| | | | |
|--|----------------------|---|----|
| DRAWN BY: K.P.S. | | CHECKED BY: W.W.S. | |
| PLOT: 1=16 | | DATE: 08/25/03 | |
| NO. | REVISION DESCRIPTION | DATE | BY |
| | | | |
| DRAWING TITLE: S-2600 SYSTEM II SMALL MISSILE IMPACT FIXED/PROJECT OUT WINDOW | | | |
| CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. | | MANUFACTURER: EFCO CORPORATION | |
| 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903 | | 1000 COUNTY ROAD, P.O. BOX 609 MONETT, MO 65708-0609 800-221-4169 | |
| CERTIFICATION: AUG 26 2003 | | | |
| DRAWING NO. 1029A | | REV. | |
| SHEET NO. 2 OF 5 | | | |



NO. 8-18 X 3/4" S.S. P.H. SMS SCREW (ONE PER CLIP)

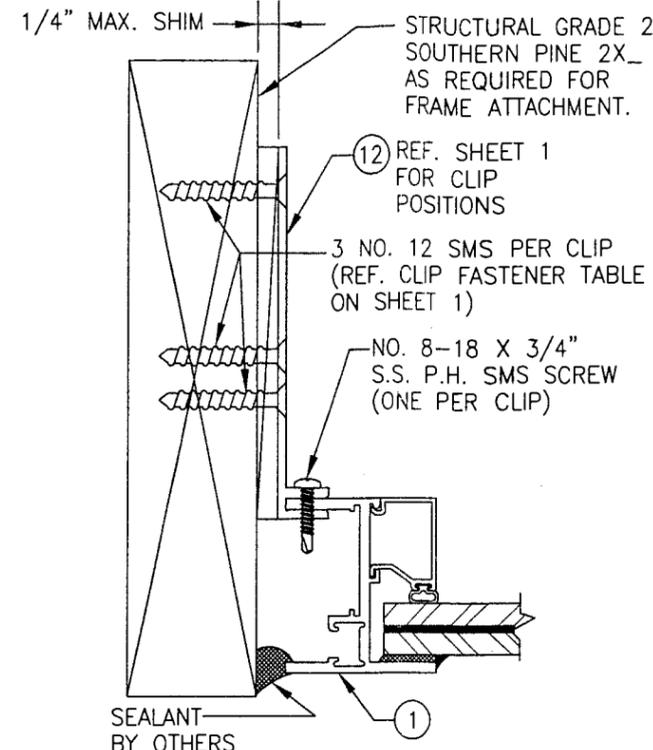
3 NO. 12 SMS PER CLIP (REF. CLIP FASTENER TABLE ON SHEET 1)

SECTION E

SCALE: 1/2 FULL

(MOUNT TO WOOD)

SEE DETAILS ON SHEET 4 FOR MOUNTING TO OTHER SUBSTRATES.

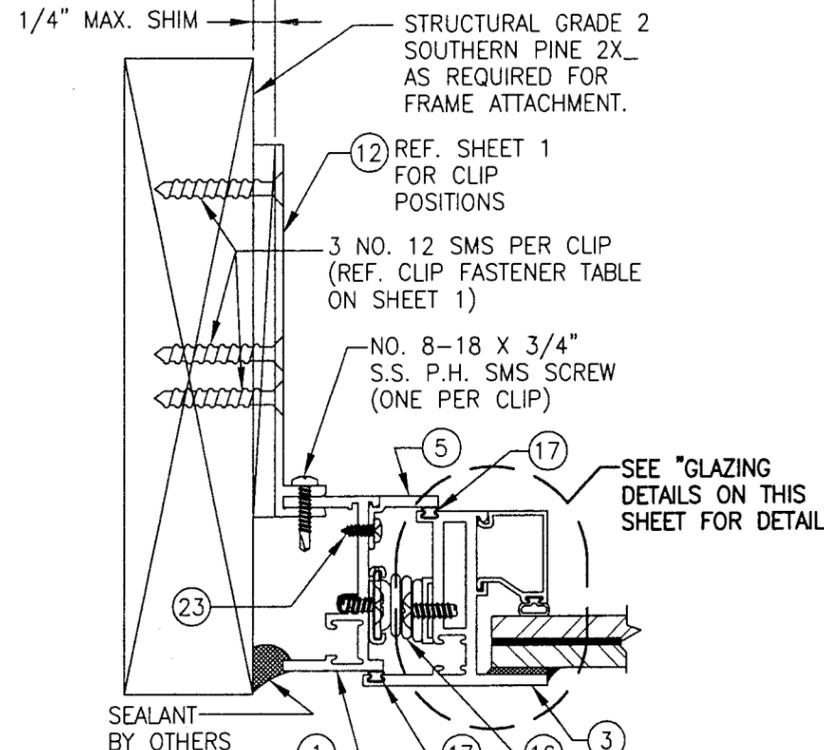


SECTION F

SCALE: 1/2 FULL

(MOUNT TO WOOD)

SEE DETAILS ON SHEET 4 FOR MOUNTING TO OTHER SUBSTRATES.

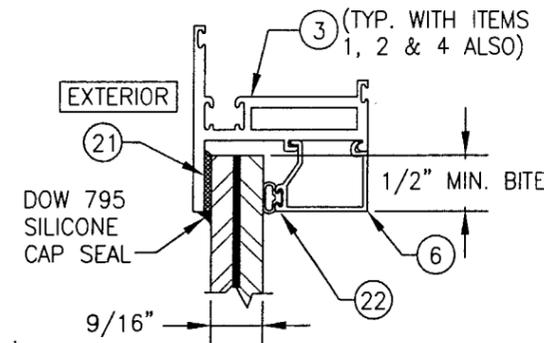


SECTION G

SCALE: 1/2 FULL

(MOUNT TO WOOD)

SEE DETAILS ON SHEET 4 FOR MOUNTING TO OTHER SUBSTRATES.

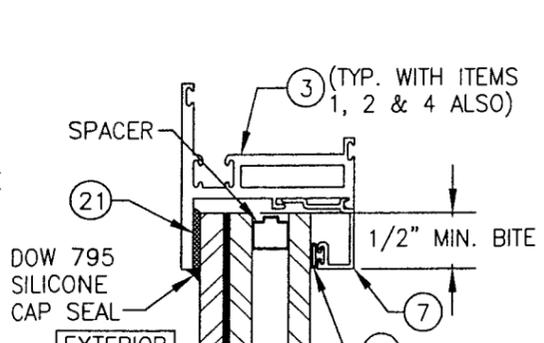


GLAZING DETAIL: GLASS "A"

SMALL MISSILE IMPACT

9/16" THK. LAMINATED GLASS BY SAFLEX WITH 1/4" THK. HEAT STRENGTHENED PANES EA. SIDE & 0.06" PVB INNER LAYER

WHEN GLAZED FOR SMALL MISSILE IMPACT, THE WINDOWS MAY NOT BE INSTALLED AT SILL ELEVATIONS LESS THAN 30 FT. ABOVE



GLAZING DETAIL: GLASS "B"

SMALL MISSILE I.G. IMPACT

I.G. GLASS WITH 9/16" THK. LAMINATED EXTERIOR GLASS BY SAFLEX (1/4" HT. ST./0.06 PVB/1/4" HT. ST.) AND 1/4" HT. ST. SINGLE PANE GLASS AT INTERIOR

WHEN GLAZED FOR SMALL MISSILE IMPACT, THE WINDOWS MAY NOT BE INSTALLED AT SILL ELEVATIONS LESS THAN 30 FT. ABOVE

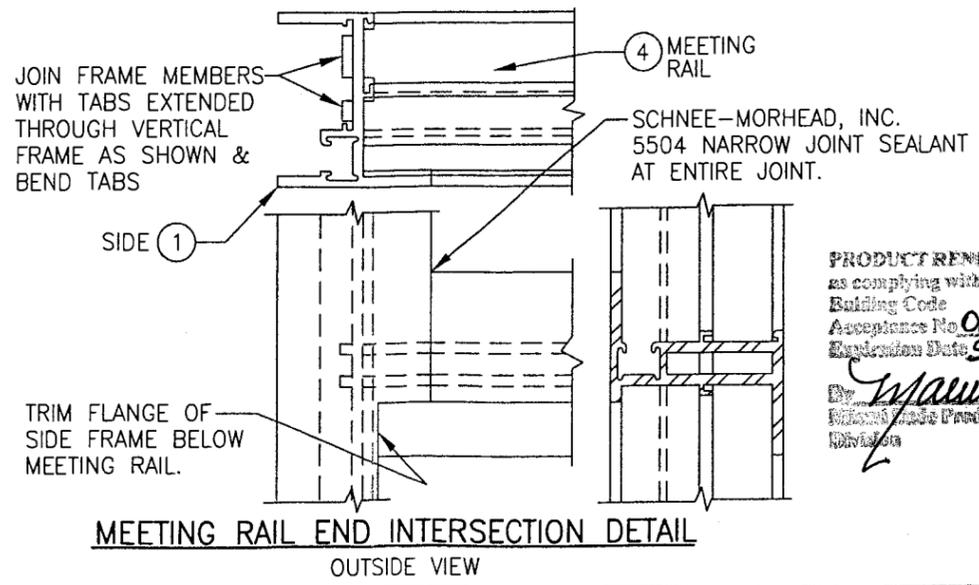
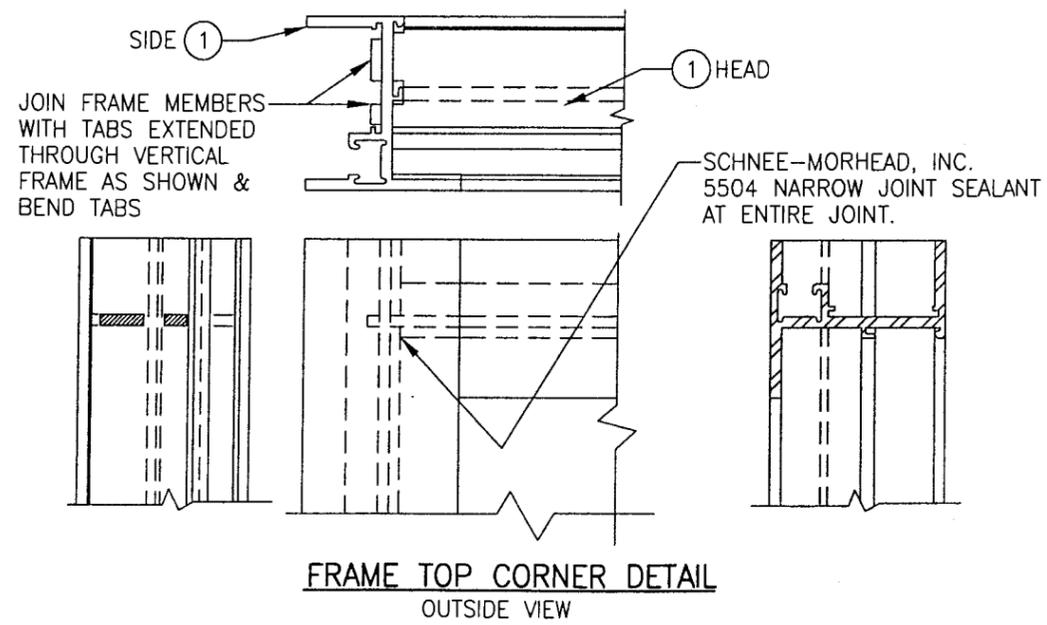
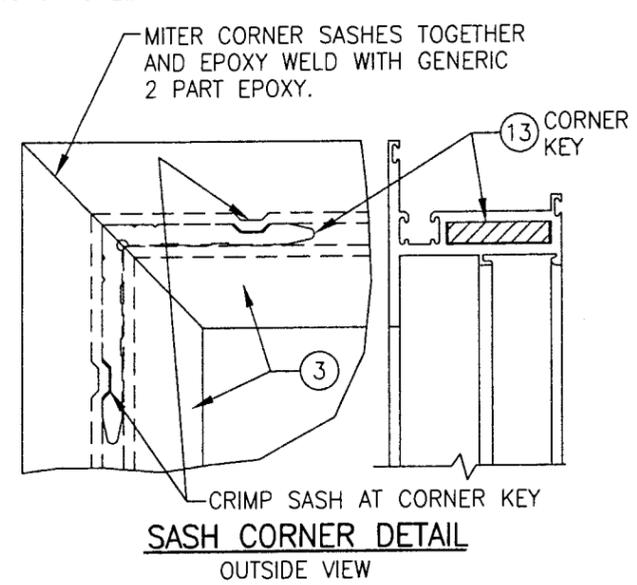
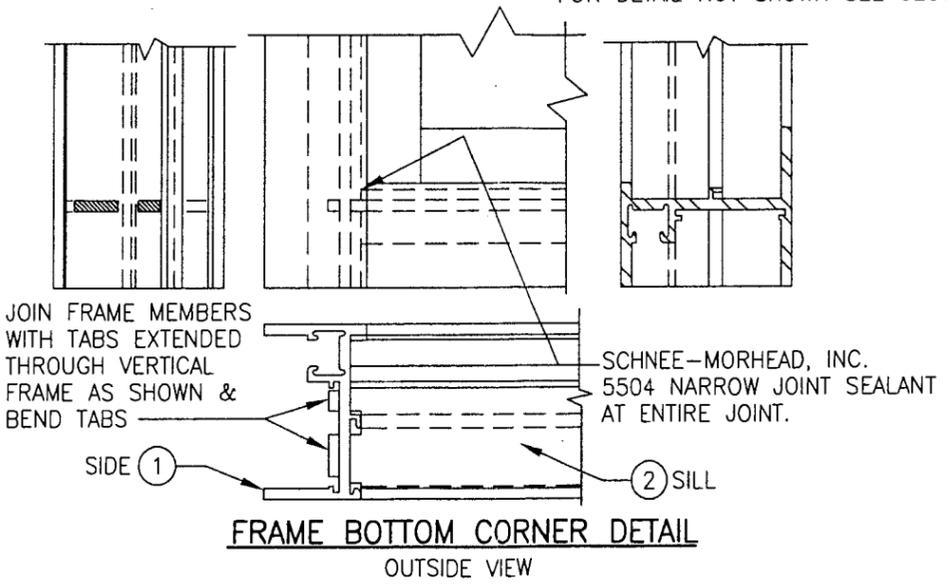
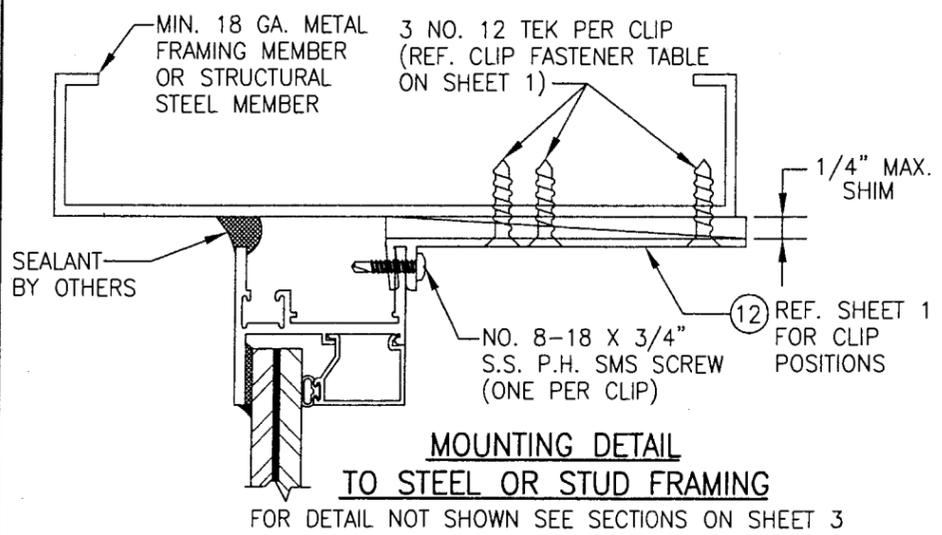
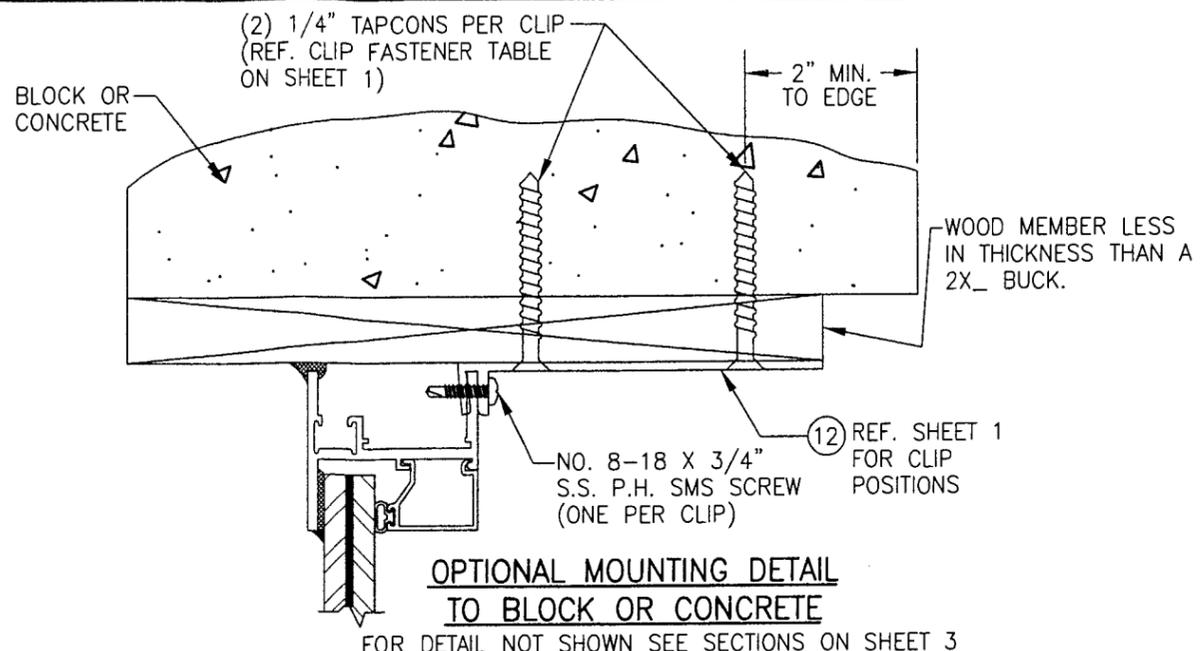
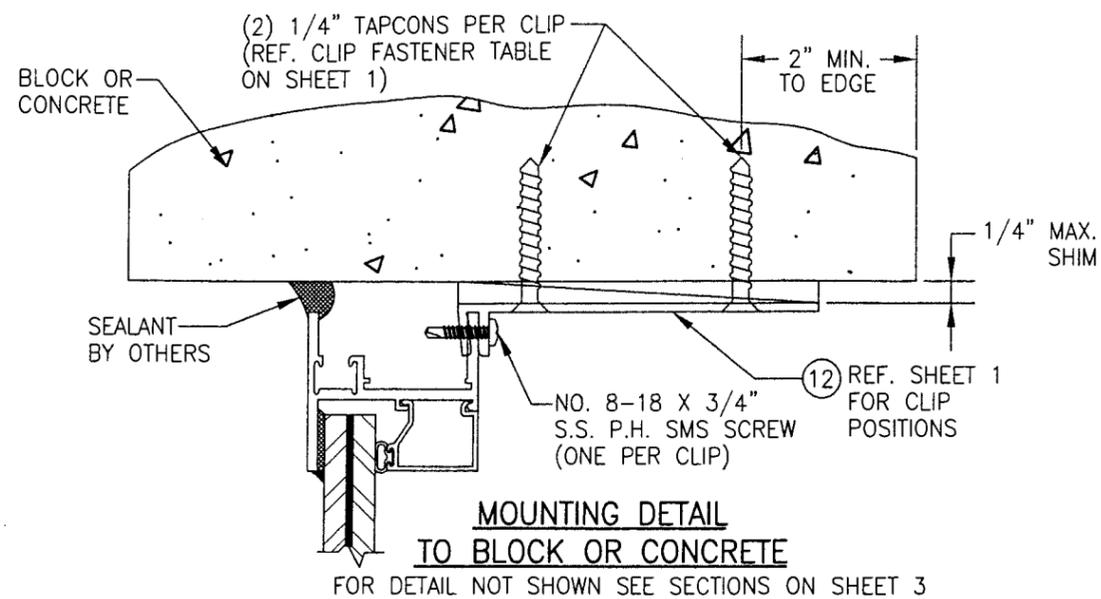
PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No 03-0829.03
 Expiration Date 09/20/06

By *Clayton Berman*
 Miami Dade Product Control Division

PRODUCT RENEWED
 as complying with the Florida Building Code
 Acceptance No 06-0605.09
 Expiration Date SEPT. 20, 2011

By *Manuel Perez*
 Miami Dade Product Control Division

| | |
|--|--|
| DRAWN BY: K.P.S. | CHECKED BY: W.W.S. |
| PLOT: 1=2 | DATE: 08/25/03 |
| DATE | |
| BY | |
| REVISION DESCRIPTION | |
| NO. | |
| DRAWING TITLE S-2600 SYSTEM II SMALL MISSILE IMPACT FIXED/PROJECT OUT WINDOW | |
| MANUFACTURER EFCO CORPORATION | |
| 1000 COUNTY ROAD, P.O. BOX 609 MONETT, MO 65708-0609 800-221-4169 | |
| 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 AUG 26 2003 | WARREN W. SCHAEFER, P.E. P.E. NO. 44135 |
| DRAWING NO. 1029A | REV. |
| SHEET NO. 3 OF 5 | |



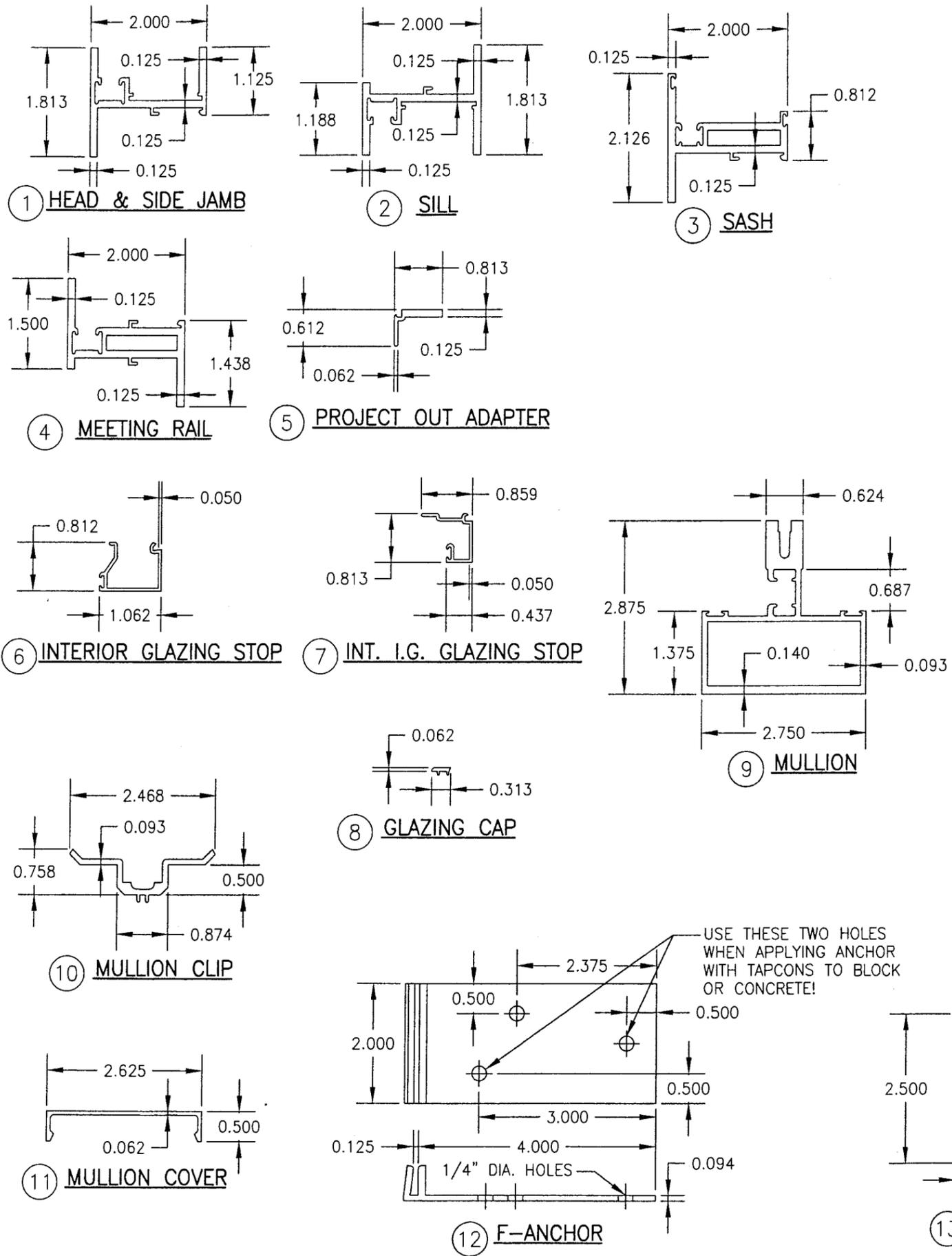
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 06-0605.09
Expiration Date SEPT. 20, 2011

By: *Manuel Perez*
Miami Dade Product Control
Division

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 03-0829.031
Expiration Date 09/20/06

By: *Warren W. Schaefer*
Miami Dade Product Control
Division

| | |
|---|--|
| DRAWN BY: K.P.S. | CHECKED BY: W.W.S. |
| PLOT: 1=2 | DATE: 08/25/03 |
| DATE | BY |
| REVISION DESCRIPTION | NO. |
| DRAWING TITLE S-2600 SYSTEM II SMALL MISSILE IMPACT FIXED/PROJECT OUT WINDOW | |
| MANUFACTURER EFCO CORPORATION 1000 COUNTY ROAD, P.O. BOX 609 MONETT, MO 65708-0609 800-221-4169 | 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 AUG 26 2003 | WARREN W. SCHAEFER, P.E. P.E. NO. 44135 |
| DRAWING NO. 1029A | REV. |
| SHEET NO. 4 OF 5 | |



| ITEM # | PART | ITEM DESCRIPTION | MANUFACTURER/NOTES |
|-------------------------|-----------|--------------------------------------|---|
| PARTS | | | |
| 1 | ES48 | HEAD & SIDE JAMB/FRAME | EFCO; 6063-T6 ALUMINUM |
| 2 | ET43 | SILL/FRAME | EFCO; 6063-T6 ALUMINUM |
| 3 | ES56 | SASH | EFCO; 6063-T6 ALUMINUM |
| 4 | ES52 | MEETING RAIL | EFCO; 6063-T6 ALUMINUM |
| 5 | ES67 | PROJECT OUT ADAPTER | EFCO; 6063-T6 ALUMINUM |
| 6 | EF04 | INT. GLAZING STOP | EFCO; 6063-T6 ALUMINUM |
| 7 | EG57 | INT. I.G. GLAZING STOP | EFCO; 6063-T6 ALUMINUM |
| 8 | LB00 | GLAZING CAP | FIBER REINFORCED NYLON |
| 9 | EG50 | MULLION | EFCO; 6063-T6 ALUMINUM |
| 10 | EE32 | MULLION CLIP | EFCO; 6063-T6 ALUMINUM |
| 11 | EE31 | MULLION COVER | EFCO; 6063-T6 ALUMINUM |
| 12 | KA23/1880 | F-ANCHOR | EFCO; 6063-T6 ALUMINUM |
| 13 | EM45 | CORNER KEY | EFCO; 6063-T6 ALUMINUM |
| HARDWARE | | | |
| 14 | HK10 | LOCK KEEPER | BRONZE KRAFT (MANGANESE BRONZE) |
| 15 | HU41 | CAM LOCK | BRONZE KRAFT (MANGANESE BRONZE) |
| 16 | LA10/LA09 | S.S. BAR HINGE | ANDERBERG MODEL #301 |
| SEALS & SEALANTS | | | |
| 17 | WA04 | CONT. VINYL BULB SEAL | CENTRAL PLASTICS |
| 18 | WVB4 | CONT. VINYL BULB SEAL | CENTRAL PLASTICS |
| 19 | - | 3/16 FOAM TAPE | NORTON |
| 20 | - | DOW 995 SILICONE | DOW CORNING |
| 21 | - | BACK BEDDING TAPE | TREMCO |
| 22 | WVB2 | CONT. VINYL BULB SEAL | CENTRAL PLASTICS |
| MISCELLANEOUS FASTENERS | | | |
| 23 | - | NO. 6-15 X 1/2" PL-TH-SMS 18-8 AB | 1" FROM ENDS & MAX. 8" O.C. PROJECT OUT ADAPTER TO FRAME |

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 06-0605.09
Expiration Date SEPT. 20, 2011

By *Manuel Perez*
Miami Dade Product Control
Division

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 03-0829.03
Expiration Date 09/20/06

By *Cleodra Berman*
Miami Dade Product Control
Division

| | | | |
|---|----|---|-----|
| DRAWN BY: K.P.S. | | CHECKED BY: W.W.S. | |
| PLOT: 1=2 | | DATE: 08/25/03 | |
| DATE | BY | REVISION DESCRIPTION | NO. |
| | | | |
| DRAWING TITLE S-2600 SYSTEM II SMALL MISSILE IMPACT FIXED/PROJECT OUT WINDOW | | | |
| 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 EFCO CORPORATION 1000 COUNTY ROAD, P.O. BOX 609 MONETT, MO 65708-0609 800-221-4169 | |
| CERTIFICATION AUG 26 2003 | | WARREN W. SCHAEFER, P.E. P.E. NO. 44135 | |
| DRAWING NO. 1029A | | REV. | |
| SHEET NO. 5 OF 5 | | | |