



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY  
AFFAIRS (PERA)  
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208

Miami, Florida 33175-2474

T (786) 315-2590 F (786) 315-2599

[www.miamidade.gov/building](http://www.miamidade.gov/building)

**NOTICE OF ACCEPTANCE (NOA)**

**Bristol Fiberlite Industries, Inc.**  
401 East Goetz Avenue  
Santa Ana, CA 92707

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA-Product Control Section 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 Section (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. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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 "1000" 3/8" Glass-Clad Polycarbonate and Aluminum Extrusions Skylight Systems**

**APPROVAL DOCUMENT:** Drawing titled "Missile Impact Test", sheets 1 through 8 of 8, prepared by Engineering Express, signed and sealed by Frank L. Bennardo, P.E. on December 01, 2011, bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING: Large and Small Missile Impact Resistant**

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and the 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 # 07-0524.05 and consists of this page 1, evidence submitted pages E-1, E-2, & E-2 as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



*Helmy A. Makar*  
03/15/2012

NOA No. 11-0915.04  
Expiration Date: 12/10/2016  
Approval Date: 03/15/2012  
Page 1

**Bristol Fiberlite Industries, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 98-0331.01**

**A. DRAWING**

1. *Drawings prepared by Robert Henry, P. E., titled "Missle Impact Test", Sheets 1 through 8 of 8, dated 04/23/97 with latest revision on 11/05/98, signed and sealed by Robert Henry, P. E. and Die Drawings, Sheets 1 through 4 of 4.*

**B. TEST**

1. *Test Report on Large Missile Impact Test, Cyclic Wind Pressure Test and Uniform Static Air Pressure Test "TriStar Skylights Inc. Impact Series 1000" prepared by Hurricane Test Laboratory, Inc., Report No. 0130-0505-97, dated 05/05/97, signed and sealed by Timothy S. Marshall, P.E.*

**C. CALCULATIONS**

1. *Skylight calculation and anchor analysis dated 04/29/97, Sheets 1 through 29 of 29, prepared by Robert Henry, P.E., signed and sealed by Robert Henry, P.E.*

**D. MATERIAL CERTIFICATION**

1. *Product Control Notice of Acceptance to Globe Amerada Glass Company for Glass-Clad Polycarbonate Sheets, Acceptance No. 98-0513.03, expiring on 09/03/2001.*

**2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 01-1114.01**

**A. DRAWINGS**

1. *Manufacturer's die drawings and sections.*
2. *Drawing No. 0046549, titled "Missile Impact Test", sheets 1 through 8, prepared, signed and sealed by Frank Bennardo, P.E., dated 11/5/98.*

**B. TESTS**

*See NOA 98-0331.01*

**C. CALCULATIONS**

*See NOA 98-0331.01*

**D. MATERIAL CERTIFICATIONS**

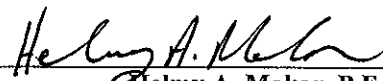
*See NOA 98-0331.01*

**E. STATEMENTS**

*See NOA 98-0331.01*

**F. OTHER**

*See NOA 98-0331.01*



Helmy A. Makar, P.E., M.S.  
PERA, Product Control Unit Supervisor

NOA No. 11-0915.04

Expiration Date: 12/10/2016

Approval Date: 03/15/2012

**Bristol Fiberlite Industries, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #06-0913.07**

**A. DRAWINGS**

1. *Drawing titled "Missile Impact Test", sheets 1 through 8 of 8, prepared by Engineering Express, signed and sealed by Frank L. Bennardo, P.E. on 03/21/2007.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

1. *None.*

**D. QUALITY ASSURANCE**

1. *By Miami-Dade County Building Code Compliance Office.*

**E. MATERIAL CERTIFICATIONS**

1. *None.*

**4. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. *None.*

**B. TESTS**

1. *Test Report on Large Missile Impact Test, Cyclic Wind Pressure Test and Uniform Static Air Pressure Test "Bristolite Skylights Impact Series 1000" prepared by Architectural Testing, Report No. 77141.01-301-18, dated 06/12/2008, signed and sealed by Jeffrey T. Kaminski, P.E.*

**C. CALCULATIONS**

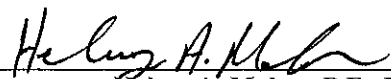
1. *None.*

**D. QUALITY ASSURANCE**

1. *By Miami-Dade County Building Code Compliance Office.*

**E. MATERIAL CERTIFICATIONS**

1. *None.*



Helmy A. Makar, P.E., M.S.  
PERA, Product Control Unit Supervisor  
NOA No. 11-0915.04  
Expiration Date: 12/10/2016  
Approval Date: 03/15/2012

**Bristol Fiberlite Industries, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**5. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. *Drawing titled "Missile Impact Test", sheets 1 through 8 of 8, prepared by Engineering Express, signed and sealed by Frank L. Bennardo, P.E. on December 01, 2011.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

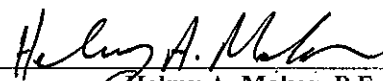
1. *None.*

**D. QUALITY ASSURANCE**

1. *By Miami-Dade County Department of Permitting, Environment, and Regulatory Affairs (PERA).*

**E. MATERIAL CERTIFICATIONS**

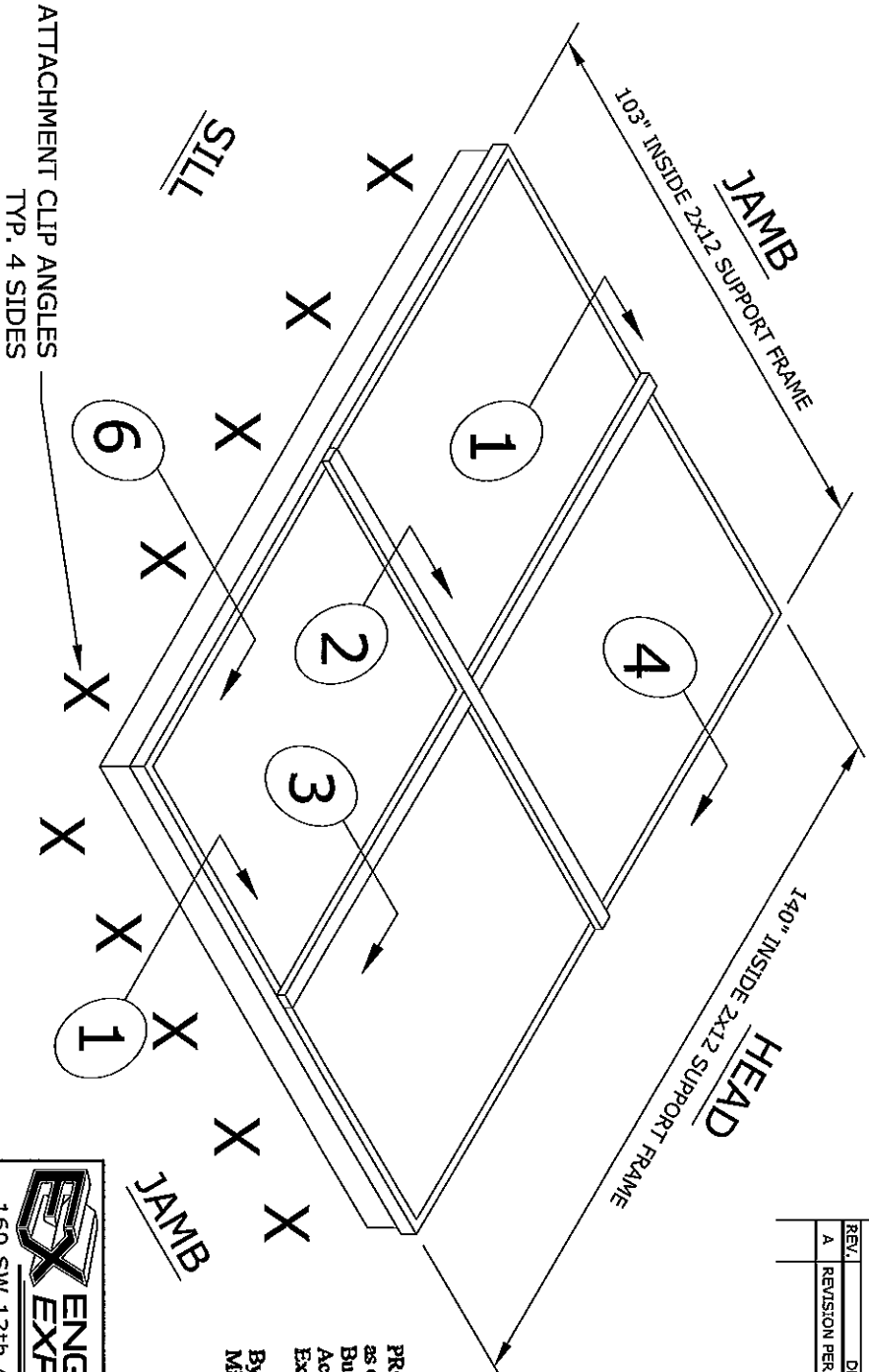
1. *None.*



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Helmy A. Makar, P.E., M.S.  
PERA, Product Control Unit Supervisor  
NOA No. 11-0915.04  
Expiration Date: 12/10/2016  
Approval Date: 03/15/2012

| REVISIONS |                               |            |      |
|-----------|-------------------------------|------------|------|
| REV.      | DESCRIPTION                   | DATE       | BY   |
| A         | REVISION PER METRO-DADE NOTES | 12-20-2006 | R.P. |



ATTACHMENT CLIP ANGLES  
TYP. 4 SIDES

- 1.- 0.060" GE LEXAN POLYCARBONATE GLAZING COMPOSITE, WITH GLASS FACINGS FOR ABRASION PROTECTION ONLY.
- 2.- MAXIMUM GLAZING PANEL SIZE = 48" x 67 5/8".

NOTES: UNLESS OTHERWISE SPECIFIED

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No 11-0915-04  
Expiration Date 12/10/2016  
By *Heleen H. Walker*  
Metro Dade Product Control

**EX ENGINEERING**  
160 SW 12th AVENUE, #1003  
DEERFIELD BEACH, FL 33442  
PH: (954) 354-0660 FAX: (954) 354-0443  
WWW.ENGINEXP.COM

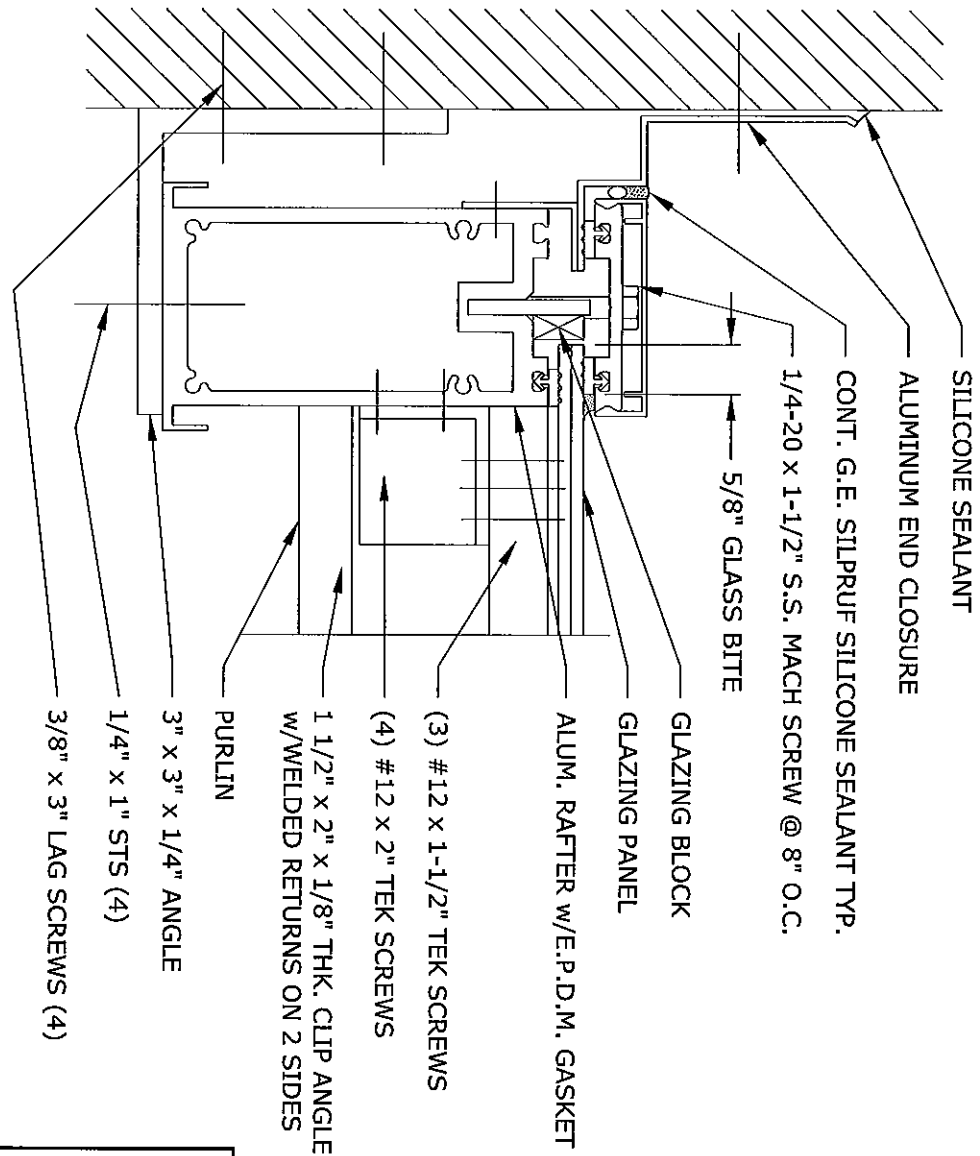
**FRANK L. BENNARDO**  
FL #26706  
Professional Engineer  
STATE OF FLORIDA  
EXPIRES 12/31/2008

A FRANK L. BENNARDO, P.E., INC. INNOVATION

|  |                |               |                     |          |      |
|--|----------------|---------------|---------------------|----------|------|
| ALL DIMENSIONS ARE IN INCHES<br>TOLERANCES: UNLESS OTHERWISE SPECIFIED |                | SCALE         | NONE                | MATERIAL | NONE |
| X: ±0.06   | XX: ±0.03      |               |                     |          |      |
| .XXX: ±0.10  | ANGULAR: ±2°   |               |                     |          |      |
| FRACTIONAL: ±1/16"   |                |               |                     |          |      |
| DRAWN BY: R.P.   | DATE: 12-20-06 | NAME          | Missile Impact Test |          |      |
| APPROVED BY:   | DATE:          | DWG NO.       | Part Number         |          |      |
|  |                | NEXT ASSEMBLY | SHEET 1 of 8        |          |      |
|  |                |               | REV A               |          |      |

**Bristol Fiberlite Industries, Inc.**  
401 East Goetz Avenue, Santa Ana, CA 92707  
714-540-9950 / FAX 714-545-2364

| REVISIONS |                               |            |      |
|-----------|-------------------------------|------------|------|
| REV.      | DESCRIPTION                   | DATE       | BY   |
| A         | REVISION PER METRO-DADE NOTES | 12-20-2006 | R.P. |



**DETAIL 1**  
**FRAME ATTACHMENT**

NOTES: UNLESS OTHERWISE SPECIFIED

**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
Acceptance No **11-0915-04**  
Expiration Date **12/10/2016**  
By *Frank L. Benmarado*  
Miami Dade Product Control

ALL DIMENSIONS ARE IN INCHES  
TOLERANCES: UNLESS OTHERWISE SPECIFIED  
X: ±.06  
XX: ±.03  
XXX: ±.010  
FRACTIONAL: ±1/16"

|                   |       |
|-------------------|-------|
| DATE: 12-20-06    | DATE: |
| APPROVED BY: R.P. | DATE: |

**EX ENGINEERING**  
160 SW 12th AVENUE, # 400  
DEERFIELD BEACH, FL 33442  
Ph: (954) 354-0660 Fax: (954) 354-2443  
WWW.ENGINEXP.COM

A FRANK L. BENMARADO, P.E., INC. INNOVATION

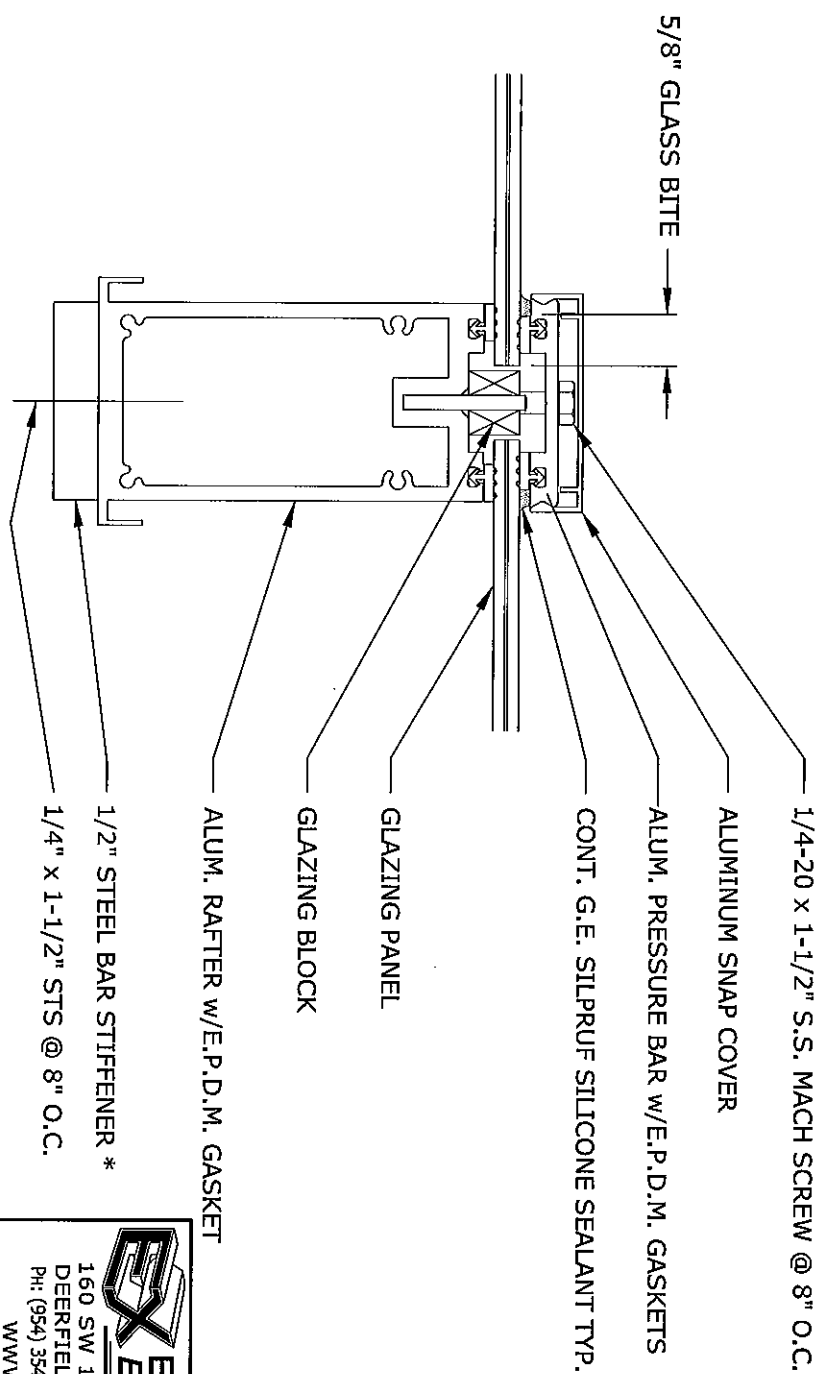
CERT OF AUTH #9985

FRANK L. BENMARADO, P.E.  
No. 4664011  
DEC 20 1 2011  
FLORIDA PROFESSIONAL ENGINEER-SEAL OF OFFICE

|  |   |
|--|---|
| SCALE: NONE                              | MATERIAL: NONE                              |
| NAME: Bristol Fiberlite Industries, Inc. | 401 East Goetz Avenue, Sorito Anq. CA 92707 |
| NAME: Missile Impact Test                | 714.540.8950 / FAX 714.545.2384             |

|                                  |              |
|----------------------------------|--------------|
| DWG NO. Submittal 12-20-2006 - 2 | REV. A       |
| NEXT ASSEMBLY                    | SHEET 2 of 8 |

| REVISIONS |                               |            |      |
|-----------|-------------------------------|------------|------|
| REV.      | DESCRIPTION                   | DATE       | BY   |
| A         | REVISION PER METRO-DADE NOTES | 12-20-2006 | R.P. |



PRODUCT RENEWED  
 as complying with the Florida  
 Building Code  
 Acceptance No 11-0915-04  
 Expiration Date 12/10/2016  
 By *Frank L. Benwardo*  
 Miami Dade Product Control

DETAIL 2  
 RAFTER

\* EQUIVALENT TO 6" RAFTER.  
 NOTES: UNLESS OTHERWISE SPECIFIED

|  |                |
|--|----------------|
| ALL DIMENSIONS ARE IN INCHES           |                |
| TOLERANCES: UNLESS OTHERWISE SPECIFIED |                |
| .X: ±.06                               | .XX: ±.03      |
| .XXX: ±.010                            | ANGULAR: ±2°   |
| FRACTIONAL: ±1/16"                     |                |
| DRAWN BY: R.P.                         | DATE: 12-21-06 |
| APPROVED BY:                           | DATE:          |

|               |                          |          |      |
|---------------|--------------------------|----------|------|
| SCALE         | NONE                     | MATERIAL | NONE |
| NAME          | Missile Impact Test      |          |      |
| DWG NO.       | Submittal 12-20-2006 - 3 |          |      |
| NEXT ASSEMBLY | SHEET 3 OF 8             |          |      |



**Bristol Fiberlite Industries, Inc.**  
 401 East Goetz Avenue, Santa Ana, CA 92707  
 714.540.8950 / FAX 714.545.2364

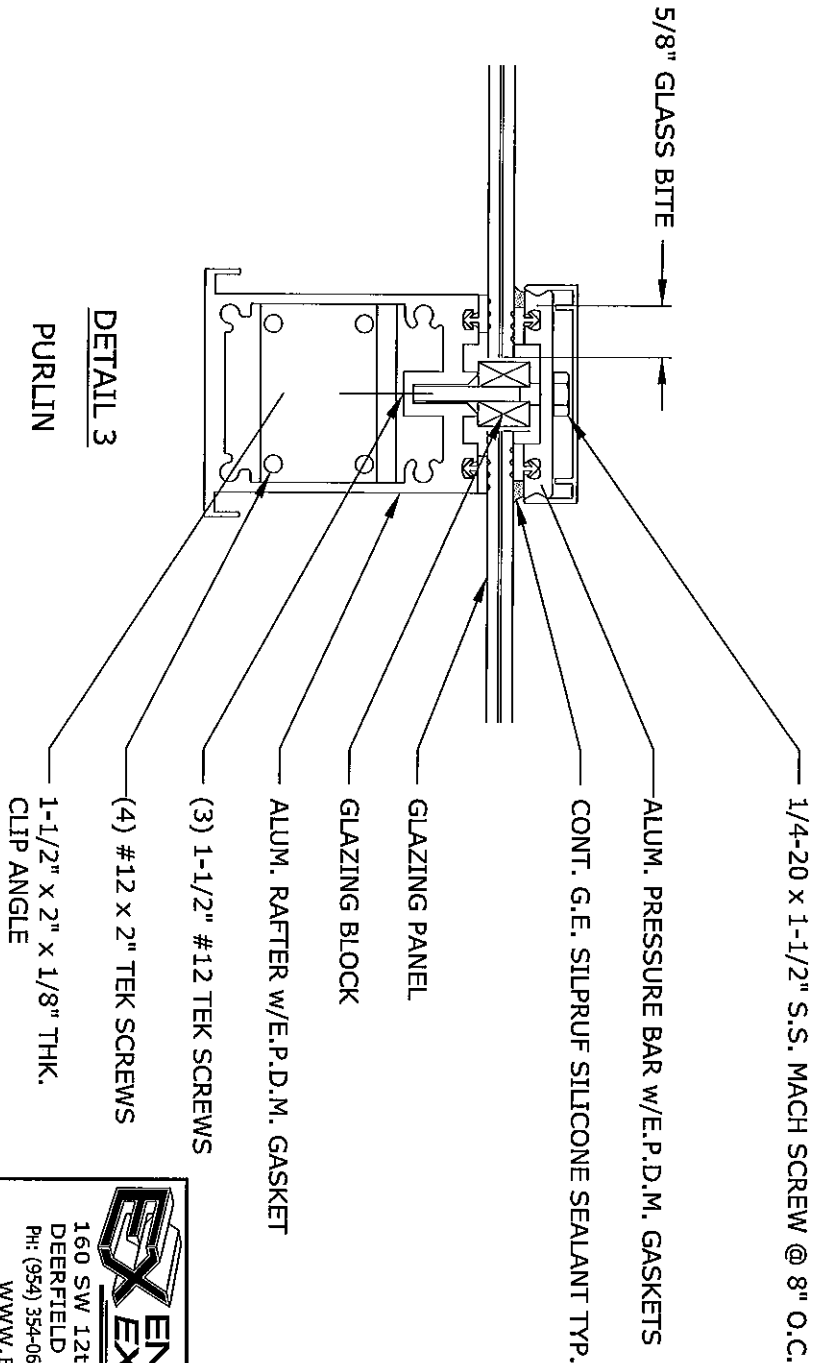
**EXPRESS ENGINEERING**  
 160 SW 12th AVENUE, #1100  
 DEERFIELD BEACH, FL 33442  
 PH: (954) 354-0660 FAX: (954) 354-0413  
 WWW.ENGINEXP.COM

A FRANK L. BENWARDO, P.E., INC. INNOVATION  
 CERT OF AUTH #9885  
 VALID WITH ORIGINAL  
 ENGINEER SEAL

FRANK L. BENWARDO  
 P.E. #78046  
 CIVIL ENGINEER

DEC 21 2006  
 10:15 AM  
 TOPIC: MISSILE IMPACT TEST

| REVISIONS |                               |            |
|-----------|-------------------------------|------------|
| REV.      | DESCRIPTION                   | DATE       |
| A         | REVISION PER METRO-DADE NOTES | 12-20-2006 |
|           |                               | R.P.       |



PRODUCT RENEWED  
 as complying with the Florida  
 Building Code  
 Acceptance No 11-0915.04  
 Expiration Date 12/16/2016  
 By *[Signature]*  
 Miami Data Product Control

**EX ENGINEERING**  
**EXPRESS**

160 SW 12th AVENUE, #306  
 DEERFIELD BEACH, FL 33442  
 PH: (954) 354-0660 FAX: (954) 351-0660  
 WWW.ENGENEXP.COM

CERT. OF AUTH. #9885  
 A FRANK L. BENNARDO, P.E., INC. INNOVATION CENTER

FRANK L. BENNARDO  
 P.E. #P50046549  
 LICENSED PROFESSIONAL ENGINEER  
 STATE OF FLORIDA  
 No. 403418  
 DEC 03 2006

ALL DIMENSIONS ARE IN INCHES  
 TOLERANCES: UNLESS OTHERWISE SPECIFIED  
 .X: ±.06 .XX: ±.03  
 .XXX: ±.010 ANGULAR: ±2°  
 FRACTIONAL: ±1/16"

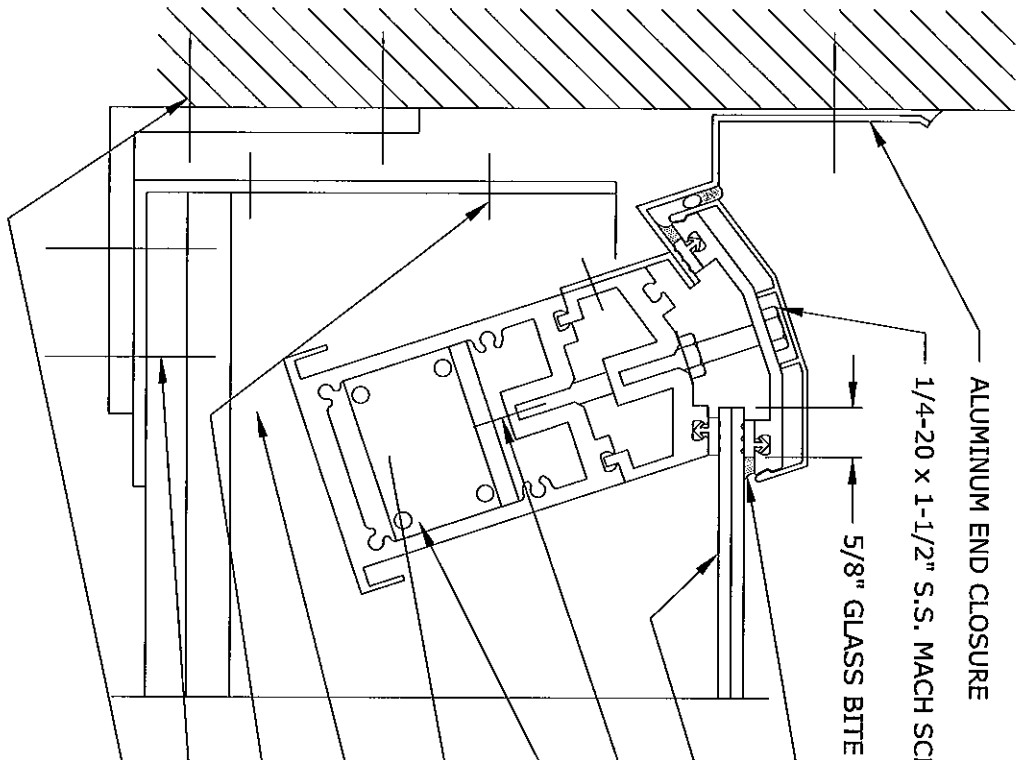
DRAWN BY: R.P. DATE: 12-21-06  
 APPROVED BY: DATE:

|                                   |                |                           |
|-----------------------------------|----------------|---------------------------|
| SCALE: NONE                       | MATERIAL: NONE | NAME: Missile Impact Test |
| DWG NO.: Submittal 12-20-2006 - 4 | REV: A         |                           |
| NEXT ASSEMBLY:                    | SHEET 4 OF 8   |                           |

NOTES: UNLESS OTHERWISE SPECIFIED



| REVISIONS |                               |            |      |
|-----------|-------------------------------|------------|------|
| REV.      | DESCRIPTION                   | DATE       | BY   |
| A         | REVISION PER METRO-DADE NOTES | 12-20-2006 | R.P. |



DETAIL 4  
 HEAD DETAIL

NOTES: UNLESS OTHERWISE SPECIFIED

|  |                |
|--|----------------|
| ALL DIMENSIONS ARE IN INCHES           |                |
| TOLERANCES: UNLESS OTHERWISE SPECIFIED |                |
| .X: ±.06                               | .XX: ±.03      |
| .XXX: ±.010                            | ANGULAR: ±2°   |
| FRACTIONAL: ±1/16"                     |                |
| DRAWN BY: R.P.                         | DATE: 12-21-06 |
| APPROVED BY:                           | DATE:          |

|          |                          |          |      |
|----------|--------------------------|----------|------|
| SCALE    | NONE                     | MATERIAL | NONE |
| NAME     | Missile Impact Test      |          |      |
| DWG. NO. | Submittal 12-20-2006 - 5 |          |      |
| REV      | A                        |          |      |
| SHEET    | 5                        |          | 8    |



**Bristol Fiberlite Industries, Inc.**  
 401 East Goetz Avenue, Santa Ana, CA 92707  
 714.540.9850 / FAX 714.545.2364

**EXPRESS ENGINEERING**  
 160 SW 12th AVENUE, #1508  
 DEERFIELD BEACH, FL 33442  
 PH: (954) 354-0660 FAX: (954) 354-0447  
 WWW.ENGINEERINGEXP.COM

CERT. OF AUTH. #9885  
 A FRANK L. BENNARDI, P.E., INC. INNOVATION

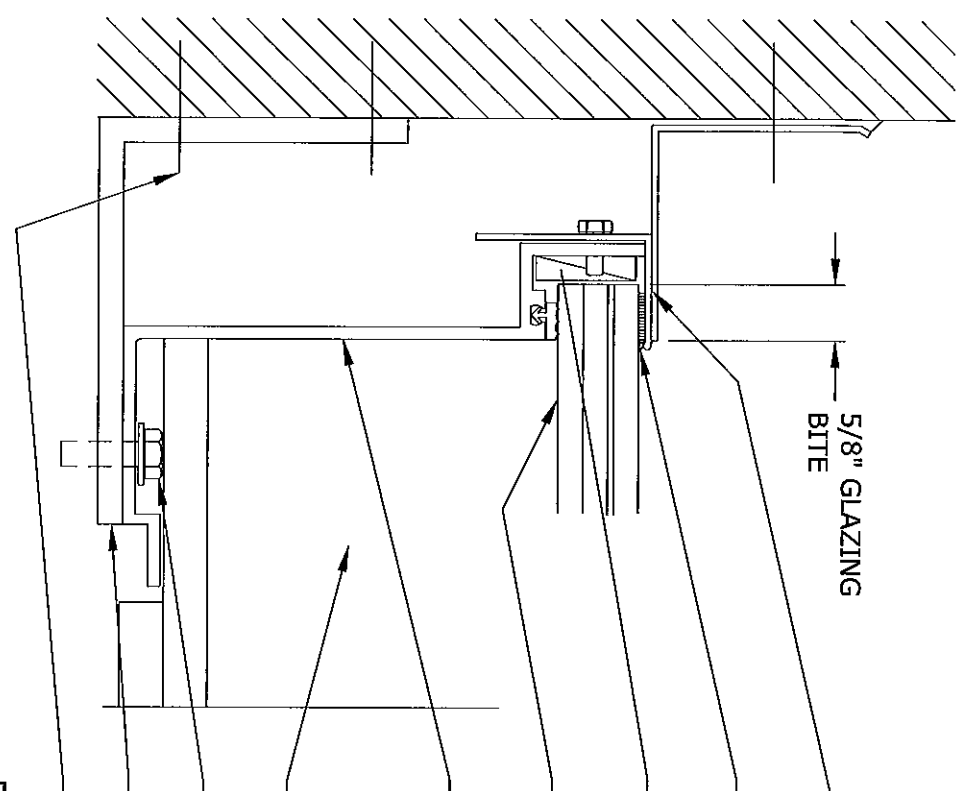
FRANK L. BENNARDI, P.E.  
 FL #RE0046293

DEC 20 2006  
 No. 08206  
 DATE 12/20/06  
 08549

FRANK L. BENNARDI, P.E.  
 LICENSED PROFESSIONAL ENGINEER

PRODUCT REVIEWED  
 as complying with the Florida  
 Building Code  
 Acceptance No 11-0915.04  
 Expiration Date 12/10/2016  
 By: *Heather H. Walker*  
 Miami Dade Product Control

| REVISIONS |                               |            |
|-----------|-------------------------------|------------|
| REV.      | DESCRIPTION                   | DATE       |
| A         | REVISION PER METRO-DADE NOTES | 12-20-2006 |
|           |                               | R.P.       |



- 5/8" GLAZING BITE
- ALUM. PERIMETER CAP w/CONT. GLAZING TAPE & ST. ST. TEK SCREW
- G.E. SILPRUF SILICONE CAP SEAL
- SETTING BLOCK - 4 PLCS. TYP.
- GLAZING PANEL
- ALUM. SILL FRAME w/E.P.D.M. GASKETS
- RAFTER
- 1/4" x 1" STS (4)
- 3" x 3" SUPPORT ANGLE
- 3/8" x 3" LAG BOLTS (4) PER RAFTER & @ 12" O.C.

STRUCTURAL CURB BY OTHERS

DETAIL 5

SILL

NOTES: UNLESS OTHERWISE SPECIFIED

PRODUCT RENEWED  
 as complying with the Florida  
 Building Code  
 Acceptance No 11-0915-04  
 Expiration Date 12/12/2016  
 By *Frank L. Benardo*  
 Miami Dade Product Control


**EX ENGINEERING**  
**EXPRESS**

160 SW 12th AVENUE, #116  
 DEERFIELD BEACH, FL 33448  
 PH: (954) 354-0660 FAX: (954) 354-0663  
 WWW.ENGENXP.COM

CERT OF AUTH #9885  
 A FRANK L. BENARDO, P.E., INC. INNOVATION

FRANK L. BENARDO  
 LICENSE #104596  
 STATE OF FLORIDA  
 PROFESSIONAL ENGINEER  
 No. 485201  
 DEC 09 2011

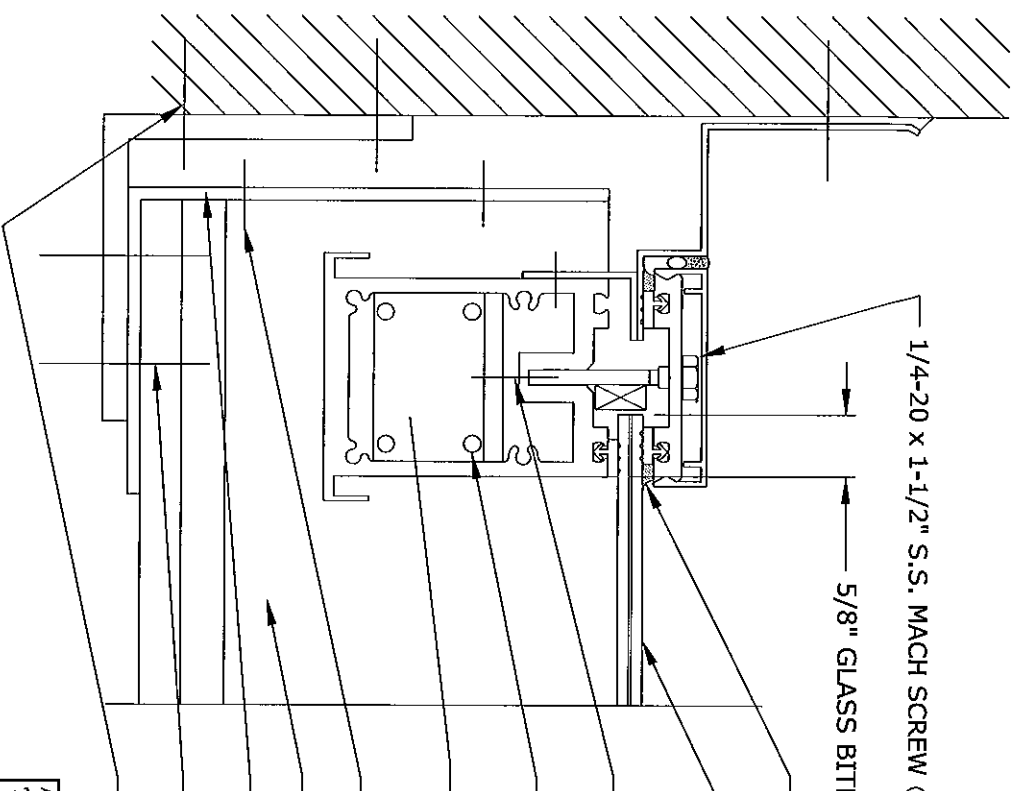
SCALE NONE MATERIAL NONE

  
**Bristol Fiberlite Industrial Systems, Inc.**  
 401 East Goetz Avenue, Sontho Ang, CA 92707  
 714.540.8950 / FAX 714.545.2364

NAME: **Missile Impact Test**

|                |                |                                  |              |
|----------------|----------------|----------------------------------|--------------|
| DRAWN BY: R.P. | DATE: 12-21-06 | DWG NO. Submittal 12-20-2006 - 6 | REV A        |
| APPROVED BY:   | DATE:          | NEXT ASSEMBLY                    | SHEET 6 OF 8 |

| REVISIONS |                               |            |
|-----------|-------------------------------|------------|
| REV.      | DESCRIPTION                   | DATE       |
| A         | REVISION PER METRO-DADE NOTES | 12-20-2006 |
|           |                               | R.P.       |



- 1/4-20 x 1-1/2" S.S. MACH SCREW @ 8" O.C.
- 5/8" GLASS BITE
- CONT. SILPRUF SILICONE SEALANT TYP.
- GLAZING PANEL
- (3) #12 x 1 1/2" TEK SCREWS
- (4) #12 x 2" TEK SCREWS
- 1 1/2" x 2" x 1/8" THK. CLIP ANGLE
- (4) #12 x 1 SS MACHINE SCREWS
- RAFTER
- 3" x 3" x 1/4" ANGLE
- 1/4" x 1" STS
- 3/8" x 3" LAG BOLTS
- (4) RAFTER & @ 12" O.C.

DETAIL 6  
SILL TYPE DETAIL

NOTES: UNLESS OTHERWISE SPECIFIED

|  |                |
|--|----------------|
| ALL DIMENSIONS ARE IN INCHES<br>TOLERANCES: UNLESS OTHERWISE SPECIFIED |                |
| X: ±.06  | XX: ±.03       |
| XXX: ±.010   | ANGULAR: ±2°   |
| FRACTIONAL: ±1/16"   |                |
| DRAWN BY: R.P.   | DATE: 12-22-06 |
| APPROVED BY:   | DATE:          |

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No 11-0915.04  
Expiration Date 12/10/2016  
By *Frank L. Benardo*  
Miami Date Product Control

**EX ENGINEERING**  
160 SW 12th Avenue, #100  
Deerfield Beach, FL 33442  
Ph: (954) 354-0660 Fax: (954) 354-0440  
WWW.ENGINEXP.COM  
CERT OF AUTH #9885  
A FRANK L. BENARDO, P.E., INC. INNOVATION

**FRANK L. BENARDO**  
PROFESSIONAL ENGINEER  
STATE OF FLORIDA  
LICENSE # 12119

|               |   |            |      |
|---------------|---|------------|------|
| SCALE         | NONE  | MATERIAL   | NONE |
| NAME          | Bristol Fiberlite Industries, Inc.<br>401 East Goetz Avenue, Santa Ana, CA 92707<br>714.540.8950 / FAX 714.545.2364 |            |      |
| NAME          | Missile Impact Test   |            |      |
| DWG NO.       | Submittal   | 12-20-2006 | - 7  |
| REV           |   |            | A    |
| SHEET         | 7   | OF         | 8    |
| NEXT ASSEMBLY |   |            |      |

| REVISIONS |                               | DATE       | BY   |
|-----------|-------------------------------|------------|------|
| REV.      | DESCRIPTION                   |            |      |
| A         | REVISION PER METRO-DADE NOTES | 12-20-2006 | R.P. |

**REFERENCE NOTES:**

**Miami-Dade County  
Large Missile Impact  
Resistant**

**Structural Skylight System**

1. MAXIMUM DESIGN PRESSURES ARE +51.38 PSF AND -68.5 PSF. POSITIVE AND NEGATIVE DESIGN PRESSURES CALCULATED FOR USE WITH THIS SYSTEM SHALL BE DETERMINED BY OTHERS ON A JOB-SPECIFIC BASIS IN ACCORDANCE WITH THE GOVERNING CODE.
2. ALL ALUMINUM TO BE 6063-T6 ALLOY.
3. MAXIMUM GLAZING PANEL SIZE IS 48" X 67 5/8".
4. GLAZING TO BE 3/8" GLASS-CLAD POLYCARBONATE BY GLOBE AMERADA GLASS CO. (MIAMI-DADE COUNTY PRODUCT CONTROL APPROVAL NUMBER 98-0513.03).
5. FASTENERS TO BE STAINLESS STEEL.
6. GASKETS TO BE ARROW-SHIM W/DART EPDM WITH DUROMETER RANGE OF 50 TO 60 SHORE "A" FROM TREMCO.
7. ALL SILICON TO BE G.E. SILLPRUF.
8. ALL JOINTS ON PRESSURE BAR AND SNAP COVER TO BE SILLICOMED.
9. ALL SEPARATION MATERIAL IS REQUIRED WHEN ALUMINUM COMES IN CONTACT WITH STEEL, WOOD OR OTHER DISSIMILAR MATERIALS. THE SEPARATION MATERIAL SHALL BE PER SECTION 2003.8.4 OF THE FLORIDA BUILDING CODE 2007/EDITION.
10. GLAZING BLOCK TO BE NEOPRENE 1/2" X 1/4" WITH DUROMETER OF 90.
11. THIS APPROVAL IS LIMITED TO THE GLAZING PANEL AND ITS MAXIMUM AREA, THE FULLY ASSEMBLED GLAZING DETAILS TO THE SUPPORTING RAFTERS AND PURLINS AND THE MAXIMUM QUALIFIED DESIGN PRESSURE SHOWN ON THIS DRAWING.
12. THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS DOCUMENT.
13. THE STRUCTURAL ADEQUACY OF THE SUPPORTING STRUCTURAL MEMBERS (CURB, RAFTERS, PURLINS, AND ALL OTHER FRAMING MEMBERS) IS NOT PART OF THIS APPROVAL AND IT SHALL BE REVIEWED BY THE STRUCTURAL PLANS EXAMINER OF THE CORRESPONDING BUILDING DEPARTMENT ON A JOB SPECIFIC BASIS.

**PRODUCT RENEWED**  
 as complying with the Florida  
 Building Code  
 Acceptance No **H-0915-04**  
 Expiration Date **12/19/2016**  
 By *Heather H. Miller*  
 Miami Dade Product Control

|  |                |
|--|----------------|
| ALL DIMENSIONS ARE IN INCHES           |                |
| TOLERANCES: UNLESS OTHERWISE SPECIFIED |                |
| X: ±.06                                | XX: ±.03       |
| XXX: ±.010                             | ANGULAR: ±2°   |
| FRACTIONAL: ±1/16"                     |                |
| DRAWN BY: R.P.                         | DATE: 12-22-06 |
| APPROVED BY:                           | DATE:          |

**EX EXPRESS ENGINEERING**  
 160 SW 12th AVENUE, # 200  
 DEERFIELD BEACH, FL 33442  
 Ph: (954) 354-0660 Fax: (954) 354-0664  
 WWW.ENGENEXP.COM  
 A FRANK L. BENARDO, P.E., INC. INNOVATION  
 CERT OF AUTH #9885  
 FRANK L. BENARDO  
 PROFESSIONAL ENGINEER  
 LICENSE  
 No. 4674811  
 DEC 19 2011

|               |   |          |        |
|---------------|---|----------|--------|
| SCALE         | NONE  | MATERIAL | NONE   |
| NAME          | Bristol Fiberlite Industries, Inc.<br>401 East Goetz Avenue, Suite A10, CA 92707<br>714.540.8950 / FAX 714.545.2364 |          |        |
| NAME          | Missile Impact Test   |          |        |
| DWG NO.       | Submittal 12-20-2006  | 8        | REV    |
| NEXT ASSEMBLY |   |          | A      |
|               |   | SHEET    | 8 of 8 |

NOTES: UNLESS OTHERWISE SPECIFIED