



**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**

**G.E. Polymershapes**  
**4504 East Hills Berovoh Ave**  
**Tampa ,FL 33610**

Your application for Notice of Acceptance (NOA) of:

**Guardian 6 & AFT-LX #5252**

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.: 01-1010.01**  
**EXPIRES: 11/02/2006**

**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: 01/31/2002**

**NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS**

**1. SCOPE**

- 1.1** This renews & revises the Notice of Acceptance No. 98-0901.22, which was issued on 10/08/98. It approves a polycarbonate glazed, aluminum or wood curbed skylight, as described in Section 2 of this Notice of Acceptance. It 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 the (SFBC) Chapter 23, do not exceed the design pressure rating values indicated on the approved drawings.

**2. PRODUCT DESCRIPTION**

- 2.1** The **GUARDIAN 6 and AFT-LX #5252, Polycarbonate Glazed, Doubled Domed Skylights with Aluminum or Wood Curb** and its components shall be constructed in strict compliance with the following documents: Drawing No. SC-1, Sheet 1 of 1 and CM-1, Sheet 1 of 1, titled: "Miami-Dade County Test", dated 12/19/01 and 12/04/01, signed and sealed by Vipin N. Tolat, PE. The drawings bear the Miami-Dade County Product Control Approval Stamp with the Notice of Acceptance number and approval date. This document shall herein after be referred to as the approved drawings.

**3. LIMITATIONS**

- 3.1** This approval applies to single unit applications only as shown on approved drawings.  
**3.2** Units with dimensions equal to or smaller than these shown in approved drawings shall qualify under this approval as long as all components are exactly as described on the approved drawings.

**4. INSTALLATIONS**

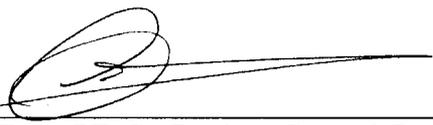
- 4.1** The glazed skylights and its components shall be installed in strict compliance with the approved drawing.  
**4.2** The installation of this product **does not** require a hurricane protection system.

**5. LABELING**

- 5.1** G.E. Lexan polycarbonate domes shall bear a permanent seal identifying the glazing product.  
**5.2** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "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.  
**6.1.3** Any other document required by the Buildings Official or the South Florida Building Code in order to properly evaluate the installation of this system.

  
\_\_\_\_\_  
Candido Font, PE, Sr. Product Control Examiner  
Product Control Division

**G. E. Polymershapes.**

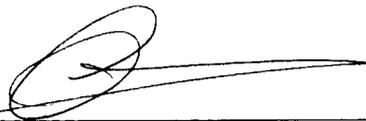
**ACCEPTANCE NO.: 01-1010.01**

**APPROVED: JAN 31 2002**

**EXPIRES: 11/02/2006**

**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.

  
\_\_\_\_\_  
Candido Font, PE, Sr. Product Control Examiner  
Product Control Division

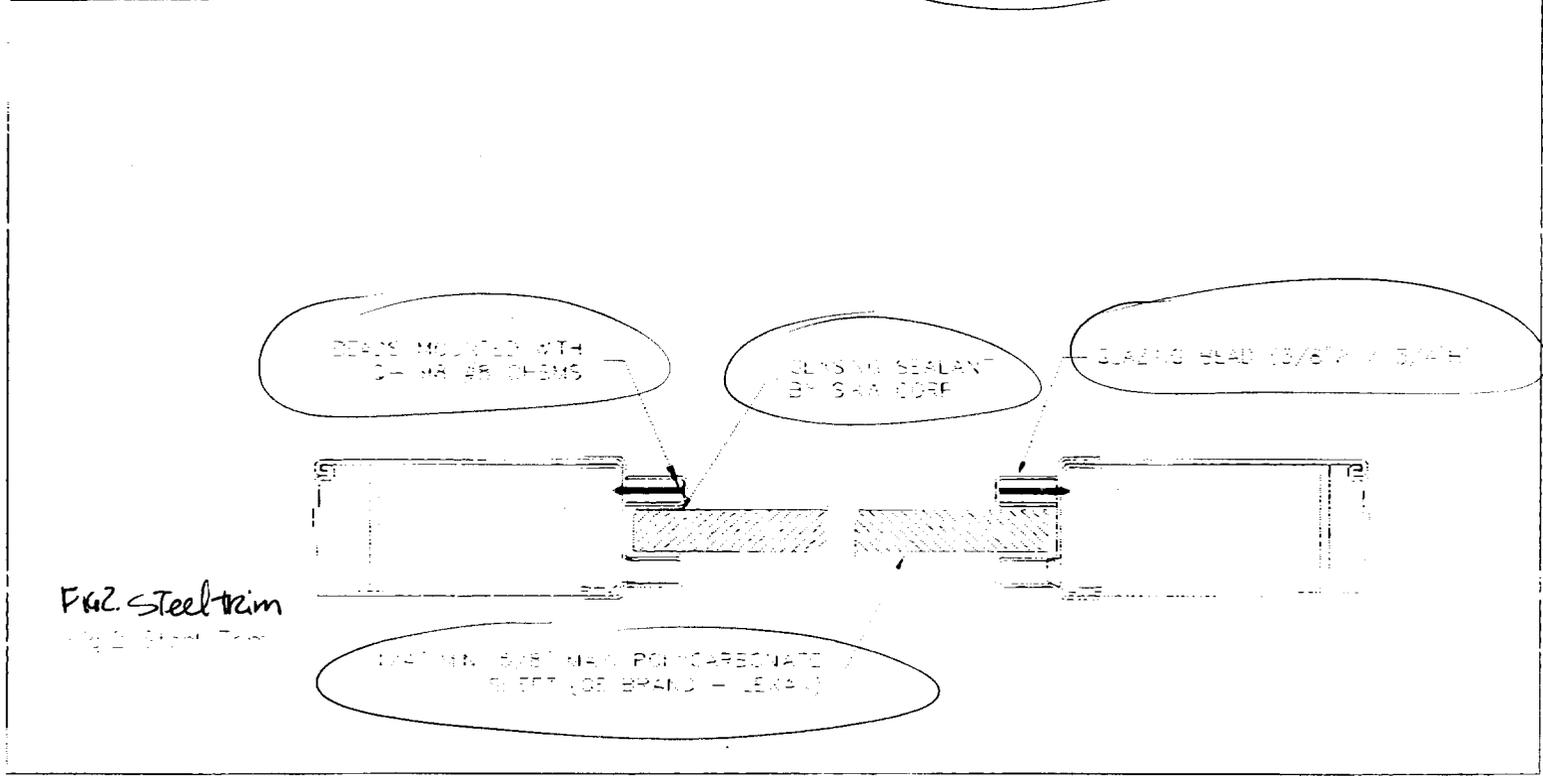
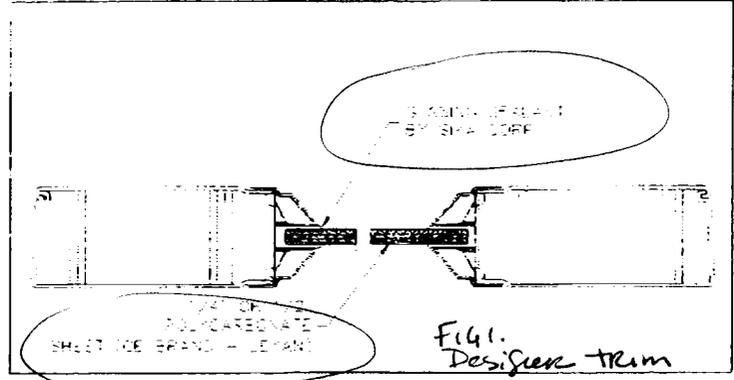
**END OF THIS ACCEPTANCE**

Jim: Can you REFAK this sheet darker  
I can't READ it.

J. Gascon  
6/6/02

NOTES:

- 1. Weatherstripping PS074 to be used only on buck 1 for structural and air infiltration test
- 2. Designer trim utilized for 1/4" thick glass (see fig.1.) - Bucks 1 & 3.
- 3. Steel trim utilized for 1/4" through 5/8" thick glass ( fig.2). - Buck 2 & 4.



.118" (1/8" NOMINAL) POLYCARBONATE  
GE LEXAN XL "FREE BLOWN" OUTER DOME  
.118" (1/8" NOMINAL) POLYCARBONATE " FREE  
GE LEXAN 9034 BLOWN" INNER DOME

RETAINING ANGLE

1/8" x 1/2" CLOSED CELL  
FOAM TAPE W/ ADHESIVE  
(1) SIDE - LAPPED CORNERS  
- DUR. 20 GASKET NO. 6

1/4" DIA. WEEPS  
AT NOM. 11" O.C.  
(5 PER SIDE)

#8 X 1/2" ZINC PLATED  
TEK SCREWS AT  
NOM. 10" O.C.  
(5 PER SIDE)

EXTRUDED ALUM.  
CURB FRAME

FASTENERS, ROOFING,  
& FLASHING - BY OTHERS

INSIDE ALUM. DIM = 50 1/4" SQ

**CURB DETAIL**

NOMINAL 1 1/2" AIR GAP  
(+0.00, -1.30)

1/8" DIA. VENT HOLES  
(2) TOTAL, LOCATED AT  
OPPOSITE CORNERS

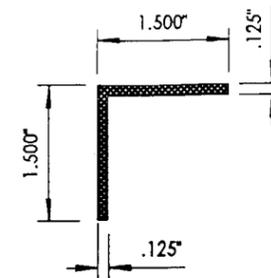
DENSE EPDM RUBBER (70 DUR)  
CONT. AROUND PERIMETER  
BUTTED AT MID SPAN AND SEALED

5/8" X 1 1/4" X 1/8"  
ALUM. ANGLE

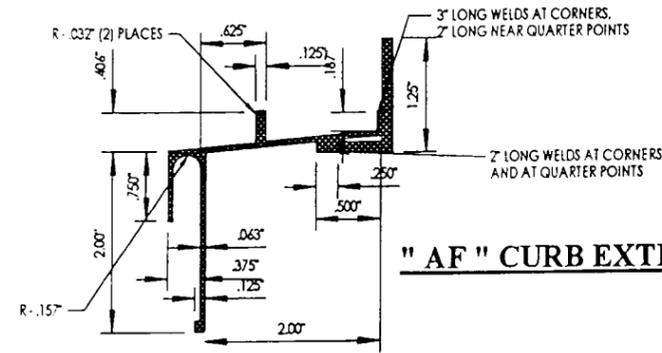
CONT. SILICONE SEALANT  
D.J.M. 25%+/- (BY OTHERS)

#14 X 1 1/2" LAG SCREWS  
@ NOM. 10" O.C. (5 PER SIDE)  
BY OTHERS

2X WOOD CURB BY OTHERS

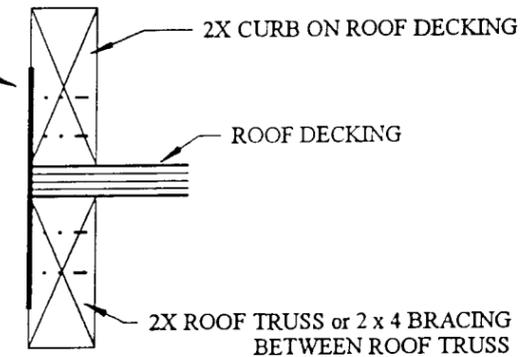


**RETAINING ANGLE**



**"AF" CURB EXTRUSION**

14 GAGE GALV. STEEL  
STRAP, MIN. Fy = 33,000 psi  
2 - 8d NAILS IN  
EACH MEMBER.  
8 STRAPS REQ'D FOR  
4' X 4' UNIT



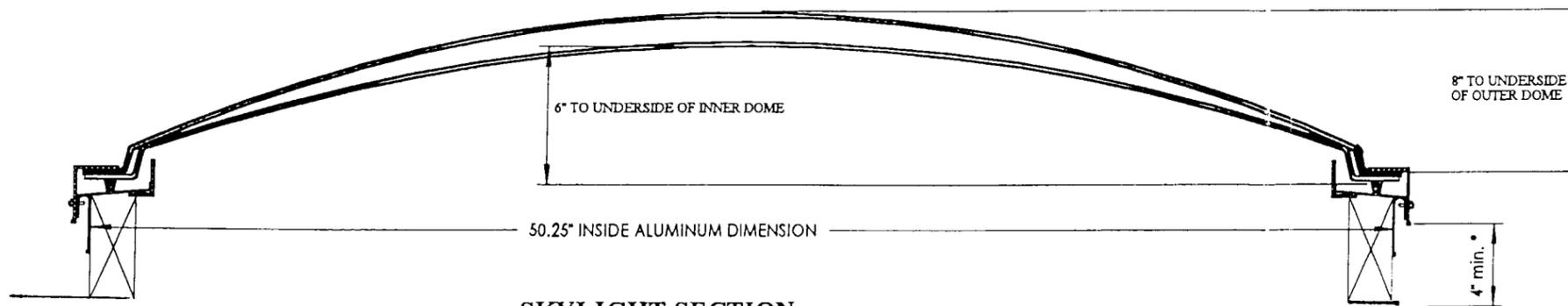
**TYP. CURB CONNECTION**

CONTACT MANUF. FOR DIFFERENT  
CURB CONDITIONS TO MEET UPLIFT  
LOADS

NOTE:  
ALL MITRED ALUMINUM CORNERS  
TO BE MIG WELDED AT ALL EXTERIOR  
SURFACES.

ALL ALUMINUM 6063-T5

DESIGN PRESSURE +54 PSF -58 PSF



**SKYLIGHT SECTION**

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE **JAN 31 2002**  
BY *[Signature]*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 01-1010.01

\* CURB SHALL HAVE A MIN. CLEAR DISTANCE  
OF 4" BETWEEN LOWER END OF LIP ANGLE & ROOF  
SUBSTRATE FOR SHINGLE AND NON-INSULATED  
BUR W/ GRAVEL FINISH. FOR TILE ROOF AND  
INSULATION ADD TILE HEIGHT AND INSULATION  
THICKNESS TO THE 4" MINIMUM HEIGHT.

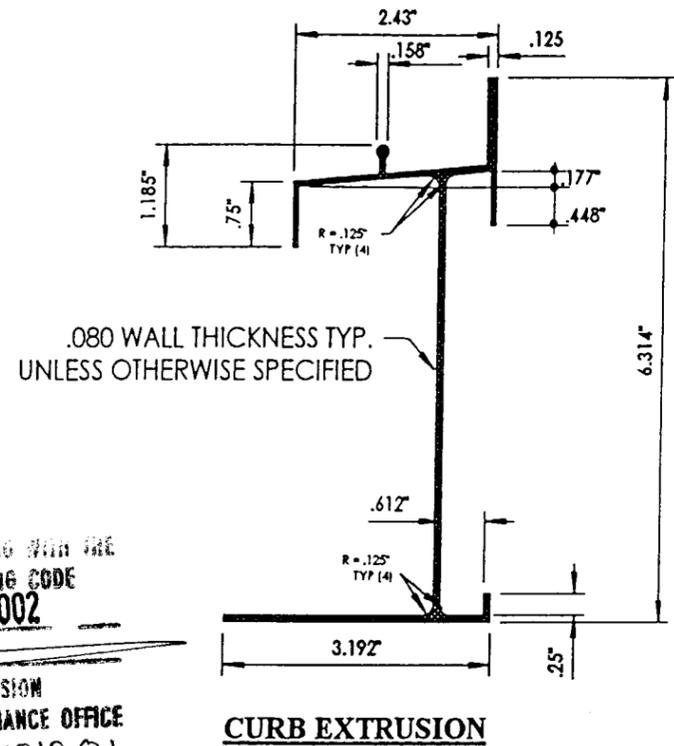
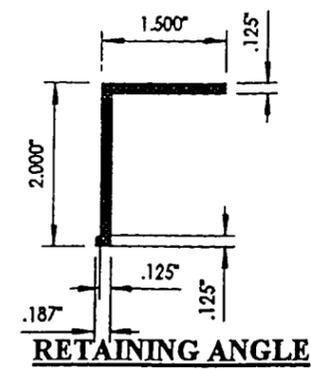
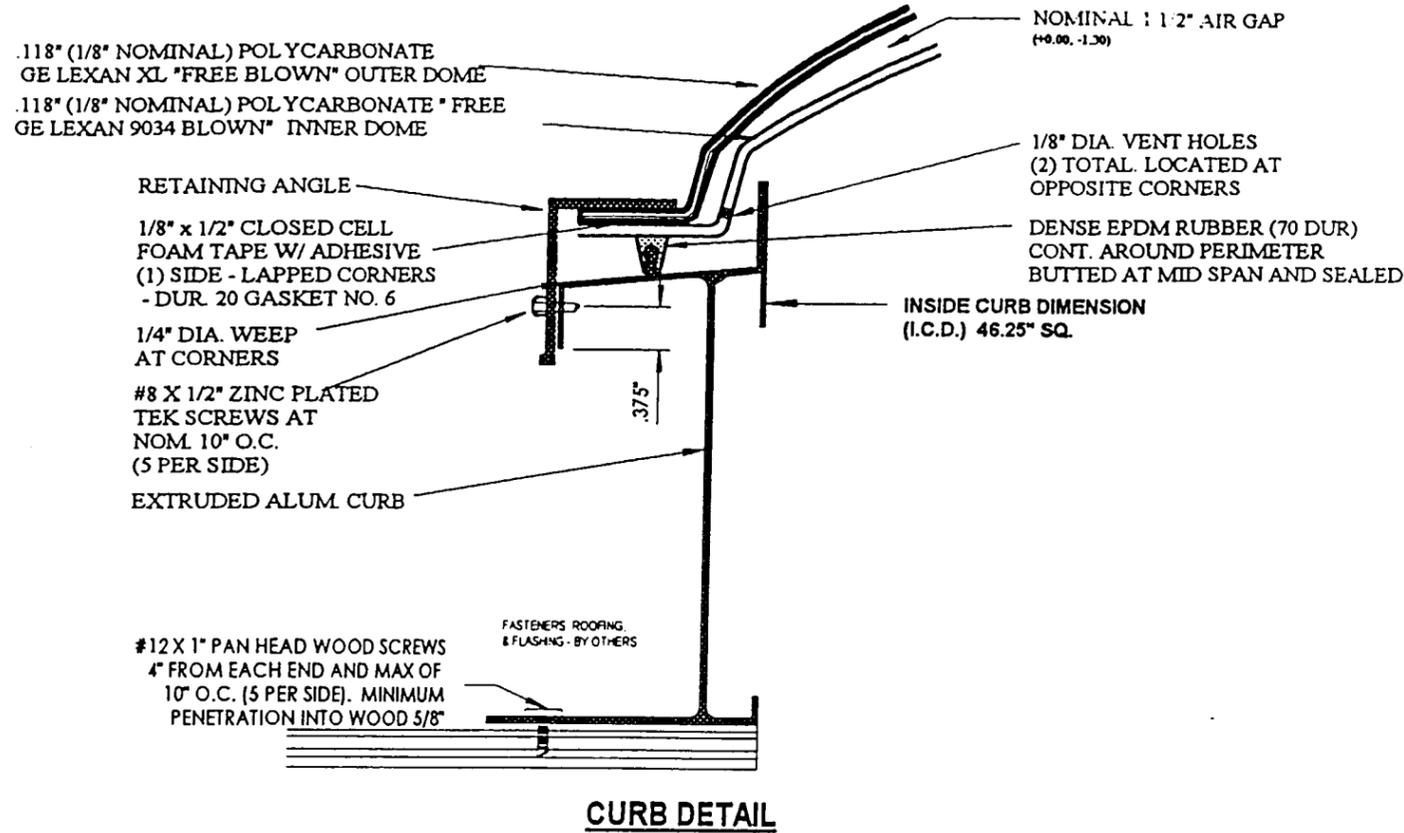
*[Signature]* 12/4/01  
VIPIN N. TOLAT, PE  
FL PE #12847  
CIVIL ENGINEER

**CM-1**

SHEET 1 OF 1

CUSTOMER: \_\_\_\_\_  
PROJECT NAME: **METRO - DADE TEST**  
SUBMITTAL DATE: **3/31/95 REV. 12/4/01**  
APPROVED BY: *[Signature]*  
APPROVAL DATE: **12/4/01**  
MODEL: **AFT-LX #5252**  
TITLE: **MIAMI-DADE COUNTY TEST**

**G. E. POLYMERSHAPES/FAULKNER**  
**4504 E. HILLSBOROUGH AVENUE**  
**TAMPA, FLORIDA 33610**  
Telephone: (813) 621-4703  
Fax: (813) 623-6026

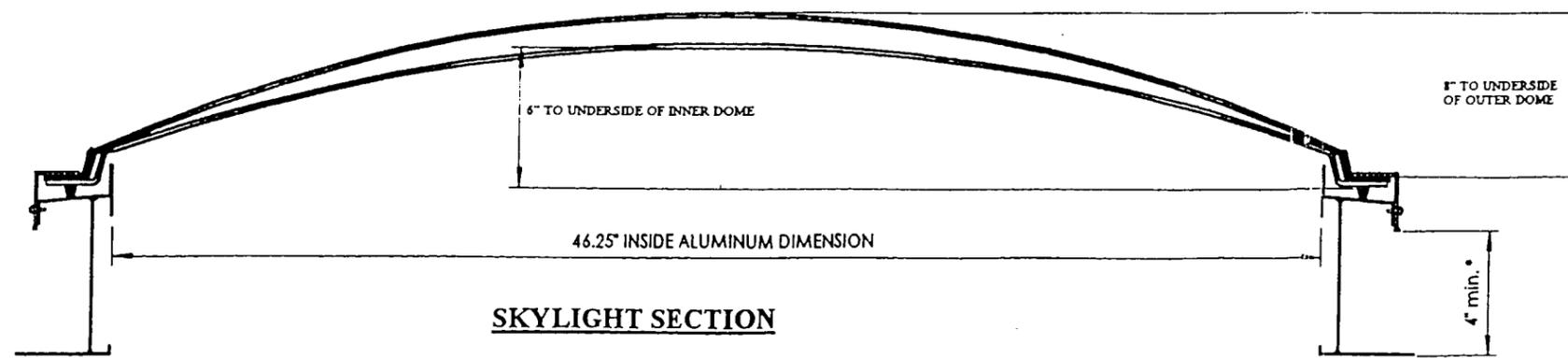


NOTE:  
 ALL MITRED ALUMINUM CORNERS TO BE MIG WELDED AT ALL EXTERIOR SURFACES.

ALL ALUMINUM 6063-T5

DESIGN PRESSURE +54 PSF -58PSF

APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE **JAN 31 2002**  
 BY *[Signature]*  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 01-1010.01



\* CURB SHALL HAVE A MIN. CLEAR DISTANCE OF 4" BETWEEN LOWER END OF LIP ANGLE & ROOF SUBSTRATE FOR SHINGLE AND NON-INSULATED BUR W/ GRAVEL FINISH. FOR TILE ROOF AND INSULATION ADD TILE HEIGHT AND INSULATION THICKNESS TO THE 4" MINIMUM HEIGHT.

*[Signature]* 12/20/01  
 VIPIN N. TOLAT, PE  
 FL PE #12847  
 CIVIL ENGINEER

# SC-1

SHEET 1 OF 1

CUSTOMER: \_\_\_\_\_  
 PROJECT NAME: **METRO - DADE TEST**  
 SUBMITAL DATE: **9/2/97 REV 12/19/01**  
 APPROVED BY: *[Signature]*  
 APPROVAL DATE: **12/19/01**  
 MODEL: **GUARDIAN 6**  
 TITLE: **MIAMI-DADE COUNTY TEST**

G. E. POLYMERSHAPES/FAULKNER  
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