



**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)

**GE Advance Materials Polymers.
1401-A Tampa East Boulevard
Tampa, Florida 33619**

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: AFT-CAT 5 Fixed Skylight.

APPROVAL DOCUMENT: Drawing No. GEA0001, titled "AFT-CAT 5 Fixed Skylight", sheets 1 and 2, prepared by PTC Engineering Inc, dated 07/08/05 with last revision on 09/20/05 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.

MISSILE IMPACT RATING: Large & Small Missile Impact

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 or MDCPCA", unless otherwise noted herein and the dome shall be properly marked by the manufacturers of Lexan XL, General Electric Company.

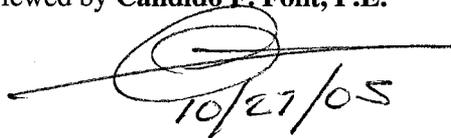
RENEWAL of this NOA shall not be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

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 consists of this page, evidence page and approval document mentioned above
The submitted documentation was reviewed by **Candido F. Font, P.E.**


10/27/05



**NOA No. 05-0802.01
Expiration Date: October 27, 2010
Approval Date: October 27, 2005
Page 1**

GE Advance Materials Polymers.

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A. DRAWINGS

1. Drawing prepared by PTC Engineering, Inc., titled "AFT-CAT 5 Fixed Skylight", drawing No. GEA0001, dated 07/08/05, with last revision on 09/20/05, sheet 1 and 2, signed and sealed by L. R. Lomas PE.

B. TEST REPORTS

1. Test report on Large Missile Impact Test per TAS 201, Cyclic Wind Pressure Test per TAS 203 and Uniform Static Air Pressure Test per TAS 202 on "Specimen 1, 2, 3, & 4: AFT-CAT 5 Fixed Skylight", prepared by Certified Testing Laboratories, Report No: CTLA 1391 W-2, dated 06/10/05, signed and sealed by R. Patel, PE.

C. CALCULATIONS

1. Anchor calculations, dated 07/06/05, pages 1 through 5 of 5, prepared by PTC Engineering Inc, signed and sealed by L. R. Lomas, PE.

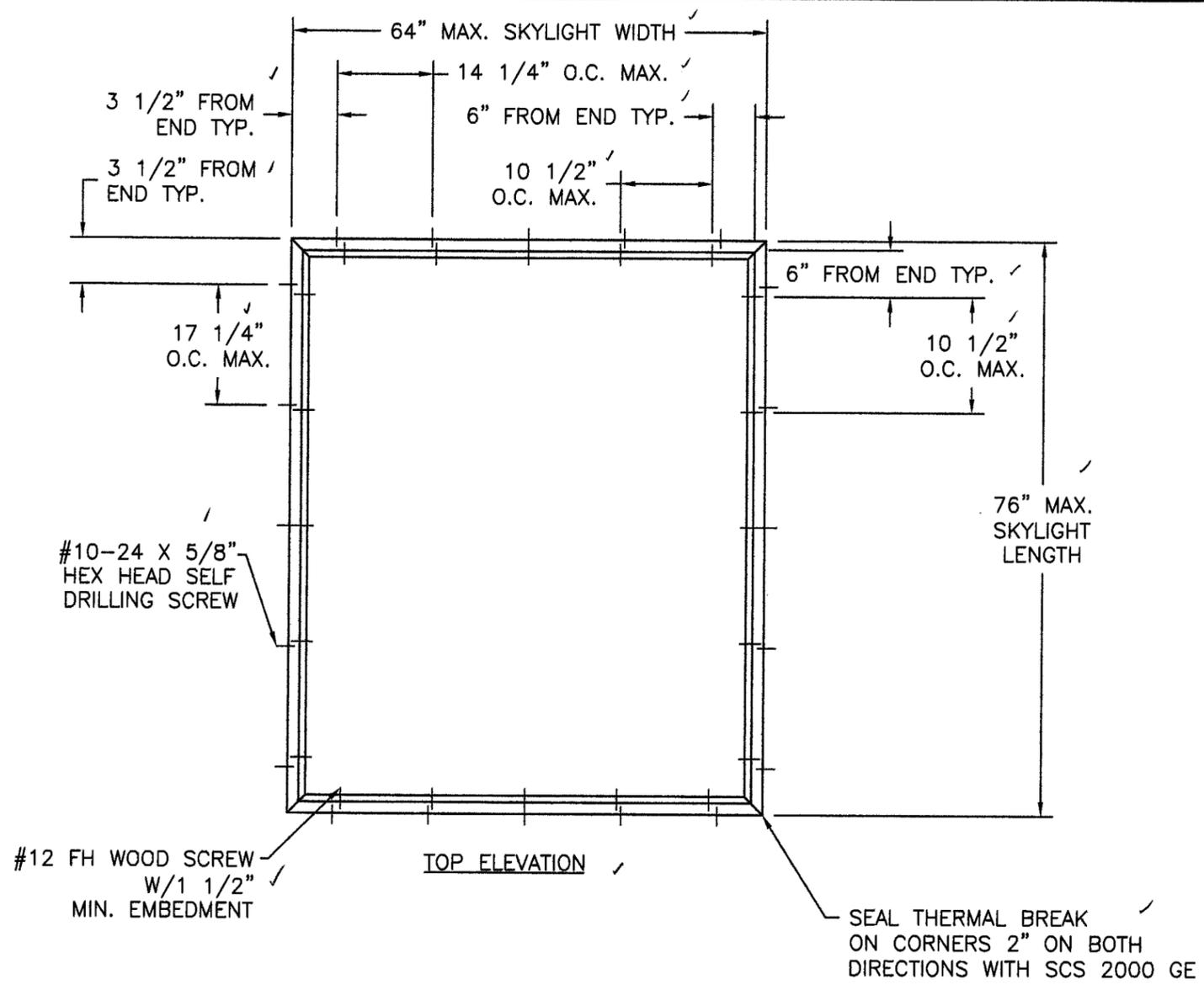
D. QUALITY ASSURANCE

1. Building Code Compliance Office.

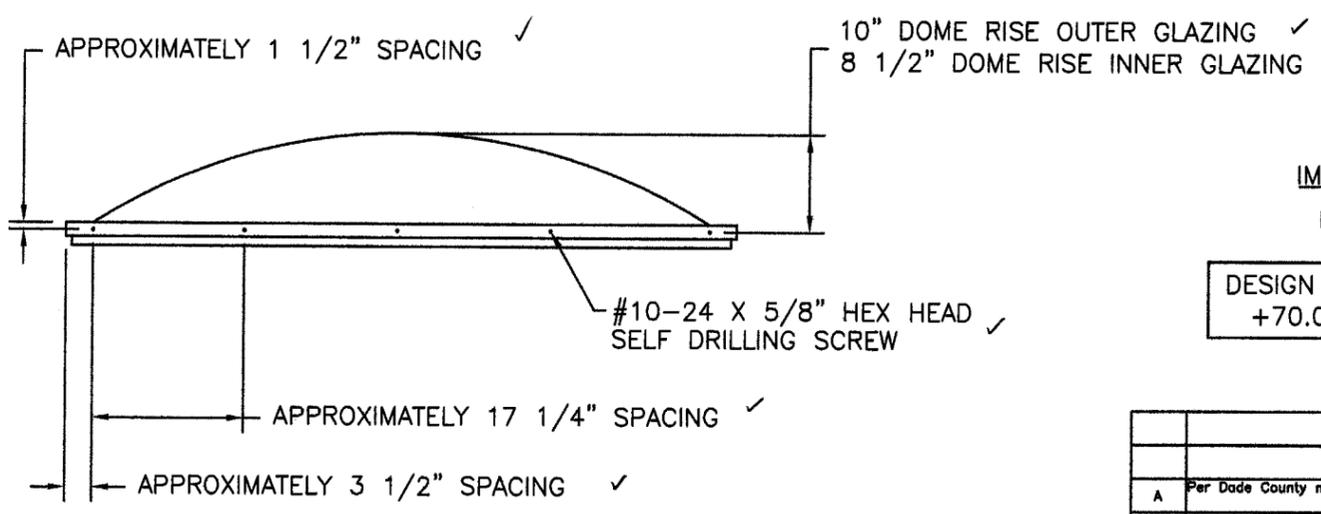
E. STATEMENTS

1. Letter of Test compliance and No financial interest issued by PTC Engineering, on 07/11/05, signed and sealed by L. R. Lomas, PE.


10/27/05
Candido F. Font, P. E.
Senior Product Control Examiner
NOA No. 05-0802.01
Expiration Date: October 27, 2010
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ANCHORING CHART					
SKYLIGHT SIZE		NUMBER OF FASTENERS			
		ANGLE TO FRAME		FRAME TO SUBSTRATE	
WIDTH (IN)	HEIGHT (IN)	SHORT SIDE	LONG SIDE	SHORT SIDE	LONG SIDE
64	76	5	5	6	8
60	76	5	5	6	8
48	76	4	5	5	8
36	76	4	5	4	8
24	76	3	5	3	8
64	72	5	5	6	7
60	72	5	5	6	7
48	72	4	5	5	7
36	72	4	5	4	7
24	72	3	5	3	7
64	66	5	5	6	7
60	66	5	5	6	7
48	66	4	5	5	7
36	66	4	5	4	7
24	66	3	5	3	7
60	60	5	5	6	6
48	60	4	5	5	6
36	60	4	5	4	6
24	60	3	5	3	6
48	48	4	4	5	5
36	48	4	4	4	5
24	48	3	4	3	5
36	36	4	3	4	4
24	36	3	3	3	4
24	24	3	2	3	3



Approved as complying with the Florida Building Code
 Date: 10/27/05
 NOA#: 05-0802.01
 Miami Dade Product Control Division
 By: [Signature]

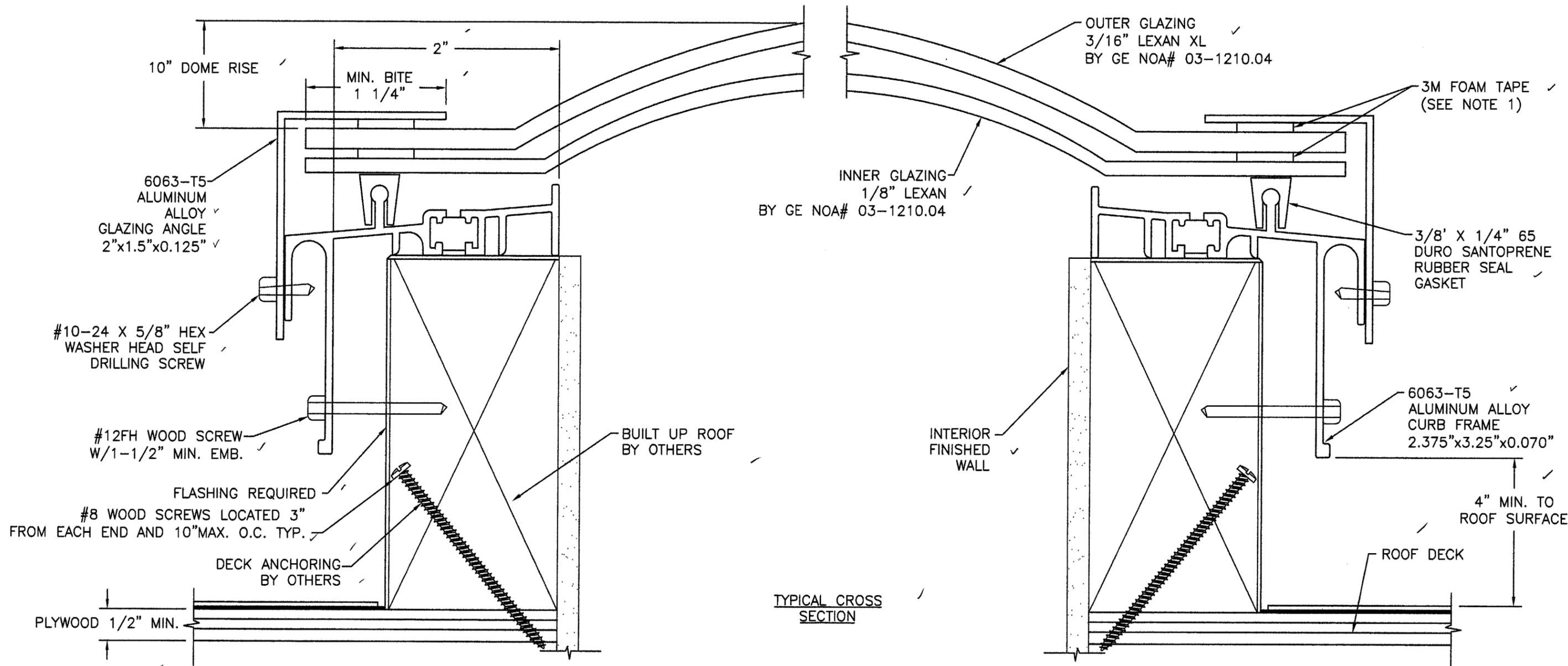
GE ADVANCED MATERIALS POLYMERS
 1401-A TAMPA EAST BLVD. TAMPA, FLORIDA 33619

TITLE: AFT-CAT 5 FIXED SKYLIGHT
 ELEVATION AND ANCHORING DETAILS

PREPARED BY: [Signature]
 DRN: JVS DATE: 07/08/05
 SCALE: N.T.S. DWG. NO.: GEA0001
 REV: A SHEET: 1 OF 2

PTC ENGINEERING, INC.
 Phone 772.398.4639 Fax 772.398.4654

SYM	REVISION	DATE	BY
A	Per Dade County markup dated 08/08/05	9/20/05	JM



TYPICAL CROSS SECTION

NOTES:

- 1) TAPE 3M 4941 VHB ACRYLIC FOAM TAPE.
- 2) THE ROOF MOUNTING CURB (NOT BY GE ADVANCED) SHALL BE 1 1/2" WIDE MINIMUM (NOMINAL 2").
- 3) FLASHING REQUIRED (NOT BY GE ADVANCED).
- 4) GLAZING ANGLE ATTACHED TO FRAME USING (5) #10-24 X 5/8" HEX HEAD SELF DRILLING SCREWS AS FOLLOWS:
 ON THE LONG SIDE SCREWS SHALL BE LOCATED 3 1/2" FROM CORNERS AND 17 1/4" ON CENTER THEREAFTER.
 ON THE SHORT SIDE SCREWS SHALL BE LOCATED 3 1/2" FROM CORNERS AND 14 1/4" ON CENTER THEREAFTER.
- 5) ALL ROOFING DETAILS SHALL COMPLY WITH CHAPTER 15 OF THE 2004 FLORIDA BUILDING CODE.
- 6) 4" MINIMUM DISTANCE FROM ANGLE LIP TO ROOF SURFACE IS FOR SHINGLE OR B.U.R. WITHOUT INSULATION. FOR INSULATION AND TILE ROOF ADD TILE HEIGHT AND INSULATION THICKNESS TO 4" MINIMUM HEIGHT.

IMPACT RESISTANT
LARGE MISSILE

Approved as complying with the Florida Building Code
 Date: 10/27/05
 NOA# 05-0802.01
 Miami Dade Product Control Division
 By: [Signature]

SYM	REVISION	DATE	BY
A	Per Dade County markup dated 09/09/05	9/20/05	JM

David R. Lomas
9/26/05

L. Roberto Lomas, P.E.
 Florida P. E. No. 62514
 PTC Engineering, Inc.
 2361 S.E. Seafury Lane
 Port St. Lucie, Florida 34952
 FBPE Certificate of Authorization NO. 25935

GE ADVANCED MATERIALS POLYMERS
 1401-A TAMPA EAST BLVD. TAMPA, FLORIDA 33619

TITLE: "AFT-CAT 5 FIXED SKYLIGHT"
 CROSS SECTION, COMPONENTS AND BOM

PREPARED BY: **PTC** PTC ENGINEERING, INC.
 DRN: JVS DATE: 07/08/05
 SCALE: N.T.S. DWG. NO: GEA0001
 REV: A SHEET: 2 OF 2

Phone 772.398.4639 Fax 772.398.4654