



**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)**

**Tubular Skylight, Inc.  
753 Cattlemen Road.  
Sarasota FL 34232**

**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 High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION: Polycarbonate Domed Tubular Skylight.**

**APPROVAL DOCUMENT:** Drawing No. 03-318, titled "No title", sheets No 1 to 4 of 4, prepared by Knezevich & Associates, Inc. dated 07/22/03 with last revision on 11/19/03 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", unless otherwise noted herein and the dome shall be properly marked by GE Plastics.

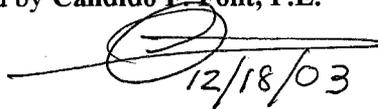
**RENEWAL** of this NOA shall not be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**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 E. Font, P.E.**

  
12/18/03



**NOA No 03-0728.01  
Expiration Date: December 18, 2008  
Approval Date: December 18, 2003  
Page 1**

**Tubular Skylight, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE PAGE**

**A. DRAWINGS**

1. Drawing No. 03-318, sheets 1 through 4 of 4, titled "No Titled", prepared by Knezevich & Associates, Inc, dated 07/22/03, with last revision on 11/19/03, signed and sealed by V. J. Knezevich, P.E.

**B. TESTS**

1. Test report on Large Missile Impact Test per TAS 201, Cyclic Load Test per TAS 203 and Uniform Static Air Pressure Test per TAS 202, on "Polycarbonate Hemispherical Dome Skylights", specimens A1, A2, B1, C1, C2, D1 & D2. They were prepared by Construction Testing Corporation, report No. 03-016 dated 07/18/03, signed and sealed by Y. G. Kuri PE.
2. Test report on Large Missile Impact Test per TAS 201, Cyclic Load Test per TAS 203 and Uniform Static Air Pressure Test per TAS 202, on "Polycarbonate Hemispherical Dome Skylight", specimens A1, A2, B1, C1, C2, D1 & d2. They were prepared by Construction Testing Corporation, No. 03-016, dated 07/18/03, signed and sealed by Y. G. Kuri, PE.
3. Test report on Uniform Static Air Pressure Test per TAS 202 on "Polycarbonate Hemispherical Dome Skylight", specimen A2, C2 & D2. It was prepared by Construction Testing Corporation report No. 03-016S, dated 10/22/03, signed and sealed by Y. G. Kuri, PE.

**C. CALCULATIONS**

N/A

**D. QUALITY ASSURANCE**

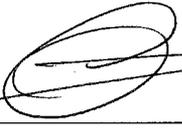
1. Miami-Dade Product Control Division.

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No.03-0924.01 issued to General Electric Company on 11/13/03,expiring on 07/17/08.

**F. STATEMENTS**

1. Code compliance letter issued by Knezevich & Associates, Inc on 07/24/03, and signed by V. J. Knezevich, PE.
2. No financial interest letter issued by Knezevich & Associates, Inc. on 07/24/03, and signed by V. J. Knezevich, PE.



12/18/03

Candido F. Font, P. E.

Senior Product Control Examiner

NOA No 03-0728.01

Expiration Date: December 18, 2008

Approval Date: December 18, 2003

**GENERAL NOTES:**

1. THESE APPROVAL DOCUMENTS REPRESENT A POLYCARBONATE IMPACT RESISTANT SKYLIGHT SYSTEM ANALYZED WITH THE PROVISION SET FOR THE ISSUANCE OF A NOTICE OF ACCEPTANCE (NOA) BY MIAMI-DADE COUNTY PRODUCT CONTROL DIVISION FOR THE HIGH VELOCITY HURRICANE ZONE (HVHZ) OF THE FLORIDA BUILDING CODE..
2. SKYLIGHT DOMES SHALL BE VACUUM FORMED FROM CLEAR POLYCARBONATE SHEETS TO A DOME MINIMUM THICKNESS OF 0.093" OR 0.118" AS NOTED ON THESE DRAWINGS..
3. ALL SKYLIGHT DOME SYSTEMS DEPICTED IN THESE APPROVAL DOCUMENTS ARE RATED FOR THE FOLLOWING DESIGN PRESSURE:
 

**MAX. POSITIVE (+) 90 P.S.F.**  
**MAX. NEGATIVE (-) 120 P.S.F.**
4. MATERIAL SPECIFICATIONS:
  - A) ALL POLYCARBONATE DOMES SHALL BE FABRICATED FROM GE LEXAN POLY-CARBONATE SHEET NUMBER 9034 AS APPROVED UNDER MIAMI-DADE COUNTY NOTICE OF ACCEPTANCE NUMBER 00-0718.02. SYNTHETIC THERMOPLASTIC POLYMER TENSILE STRENGTH  $F_y = 8,908$  P.S.I., FLEXURAL STRENGTH  $F_{by} = 12,900$  P.S.I., FLEXURAL MODULUS = 328,700 P.S.I.
  - B) POLYESTER OUTER SEALS SHALL BE THOROUGHLY CURED CLOSED AND OPEN CELL FOAM, 2 LBS PER CUBIC FOOT MEETING UL94-HF-1 LISTING.
5. A 33% INCREASE IN ALLOWABLE STRESS HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT.
6. DETERMINE THE POSITIVE & NEGATIVE DESIGN LOADS TO USE, WHEN REFERENCING THESE DOCUMENTS, IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY.
7. THESE APPROVAL DOCUMENTS ARE GENERIC AND DO NOT INCLUDE INFORMATION FOR SITE-SPECIFIC APPLICATION OF THIS SKYLIGHT SYSTEM.
8. THESE APPROVAL DOCUMENTS SHALL COMPLY WITH CHAPTER 61G15-23 OF THE FLORIDA ADMINISTRATIVE CODE.
9. THESE APPROVAL DOCUMENTS, ARE SUITABLE TO BE APPLIED BY THE CONTRACTOR PROVIDED THE CONTRACTOR DOES NOT DEVIATE FROM THE CONDITIONS DETAILED HEREIN AND THE CONTRACTOR VERIFIES THAT THE EXISTING STRUCTURE DOES NOT DEVIATE IN EITHER FORM OR MATERIAL FROM THAT DETAILED HEREIN.
10. ANY MODIFICATIONS OR ADDITIONS TO THESE APPROVAL DOCUMENTS WILL VOID THE APPROVAL DOCUMENTS..
11. WHEN THE SITE CONDITIONS DEVIATE FROM THESE APPROVAL DOCUMENTS, THE BUILDING OFFICIAL MAY ELECT ONE OF THE FOLLOWING OPTIONS:
  - A) REQUIRE THAT SITE SPECIFIC DOCUMENTS BE PREPARED, SIGNED, DATED AND SEALED BY A LICENSED ENGINEER OR REGISTERED ARCHITECT, WHICH DETAIL AND JUSTIFY THE DEVIATION. SAID DOCUMENTS SHALL BE SUBMITTED TO THE PRODUCT ENGINEER FOR REVIEW AS A CONDITION TO THE BUILDING OFFICIAL GRANTING THEIR APPROVAL.
  - B) REQUIRE THAT A ONE-TIME SITE SPECIFIC APPROVAL BE APPLIED FOR AND SECURED FROM THE MIAMI-DADE COUNTY PRODUCT CONTROL DIVISION.

WHEN THE SITE CONDITION DEVIATIONS OCCUR WITHIN THE HIGH VELOCITY HURRICANE ZONE AREAS ONLY OPTION "B" SHALL BE ACCEPTED BY THE BUILDING OFFICIAL..

12. PRODUCT SHALL BE PERMANENTLY LABELED AS FOLLOWS:

**TUBULAR SKYLIGHT, INC.**  
**SARASOTA, FLORIDA**  
**MIAMI-DADE COUNTY PRODUCT APPROVAL**

13. ALL METAL FLASHING SHALL BE 26 GA. (0.0179" MIN. THICKNESS) STEEL IN ACCORDANCE WITH ASTM A792 CQ WITH AN AZ60 HOT DIPPED ALUMINUM ZINC ALLOY COATING (GALVALUME).
14. ALL BOLTS, SCREWS AND WASHERS SHALL BE STAINLESS STEEL WITH A MINIMUM TENSILE STRENGTH OF 60 K.S.I., U.O.N.
15. ALL INSTALLATIONS OF THIS SKYLIGHT SYSTEM SHALL FOLLOW THESE APPROVED DOCUMENTS AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
16. ALL ROOFING DETAILS SHALL COMPLY WITH THE PROVISION OF CHAPTER 15 OF THE FLORIDA BUILDING CODE.
17. ALL SKYLIGHT DOMES SHALL BE INSTALLED TO PROVIDE A MINIMUM CLEARANCE OF 4" ABOVE THE FINISH ROOF SURFACE OR FINISH ROOF SINGLE-PLY MEMBRANE IN COMPLIANCE WITH THE PROVISIONS OF THE MIAMI-DADE COUNTY ROOFING PROTOCOL RAS No. 111, SECTION 9.3. FOR INSULATION AND ROOF TILE, ADD TILE HEIGHT AND INSULATION THICKNESS TO 4" MINIMUM HEIGHT.

11/19/03 11:30

Print information: \\hurricane\ka\CADD\Cadd03\Tubular-Skylight\03-318\03-318-01.dwg Mcantu 11/19/2003 03:55:10pm



**KNEZEVICH & ASSOCIATES, INC.**  
 CONSULTING ENGINEERS • PRODUCT TESTING  
 1260 N. UNIVERSITY DRIVE, SUITE 180 • FORT LAUDERDALE, FL 33322  
 TEL: (954) 382-2800 • FAX: (954) 382-2989 • FLORIDA COA #3205  
 WEBSITE: WWW.KNEZEVICH.COM • E-MAIL: KA@KNEZEVICH.COM  
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**GENERAL NOTES**

**Tubular Skylight, Inc.**  
 www.tubular-skylight.com  
 753 Cattlemen Road  
 Sarasota, FL 34232-2852  
 Fax: (941) 342-8844  
 (941) 378-TUBE • (800) 315-TUBE

**V.J. KNEZEVICH**  
 PROFESSIONAL ENGINEER  
 FL License No: PE 0010983

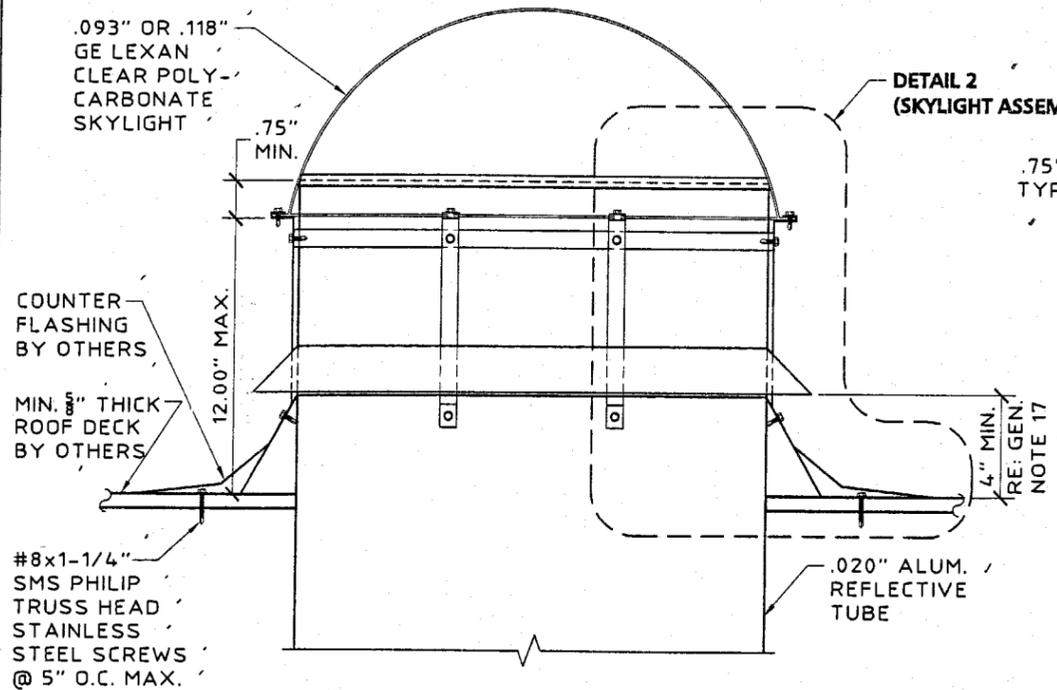
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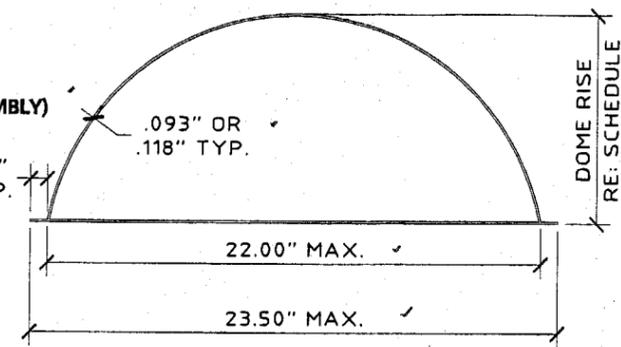
Approved as complying with the  
 Florida Building Code  
 Date: 12/18/03  
 NOA#: 03-0728-01  
 Miami Dade Product Control  
 Division  
 By:

date 07/22/2003  
 scale AS NOTED drawn by MCR  
 design by OLB checked by VJK  
 drawing no. 03-318  
 sheet 1 of 4

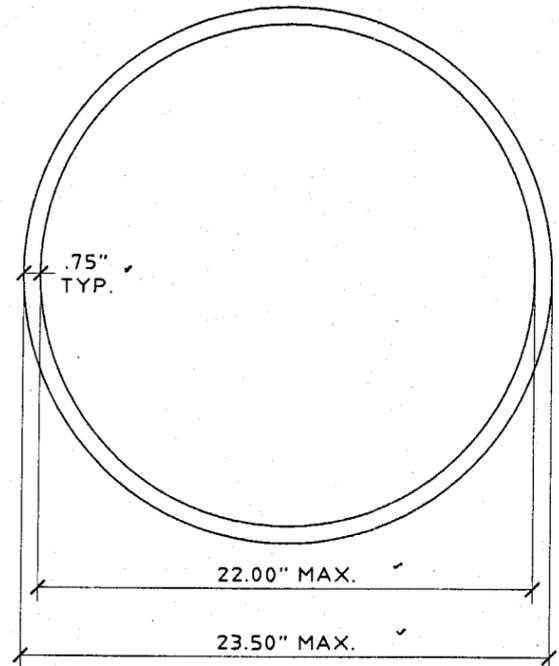
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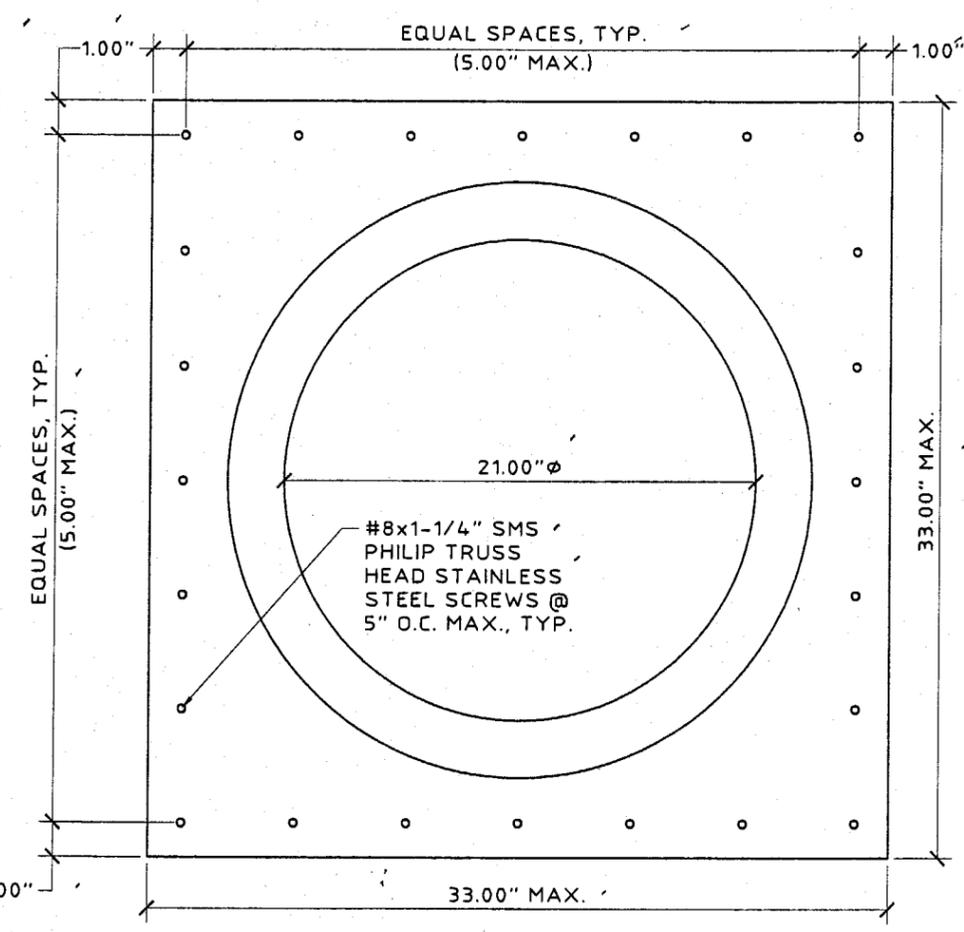
**1 STANDARD FLAT ROOF MOUNT (STD-F MODEL)**  
SCALE: 1-1/2" = 1' - 0"



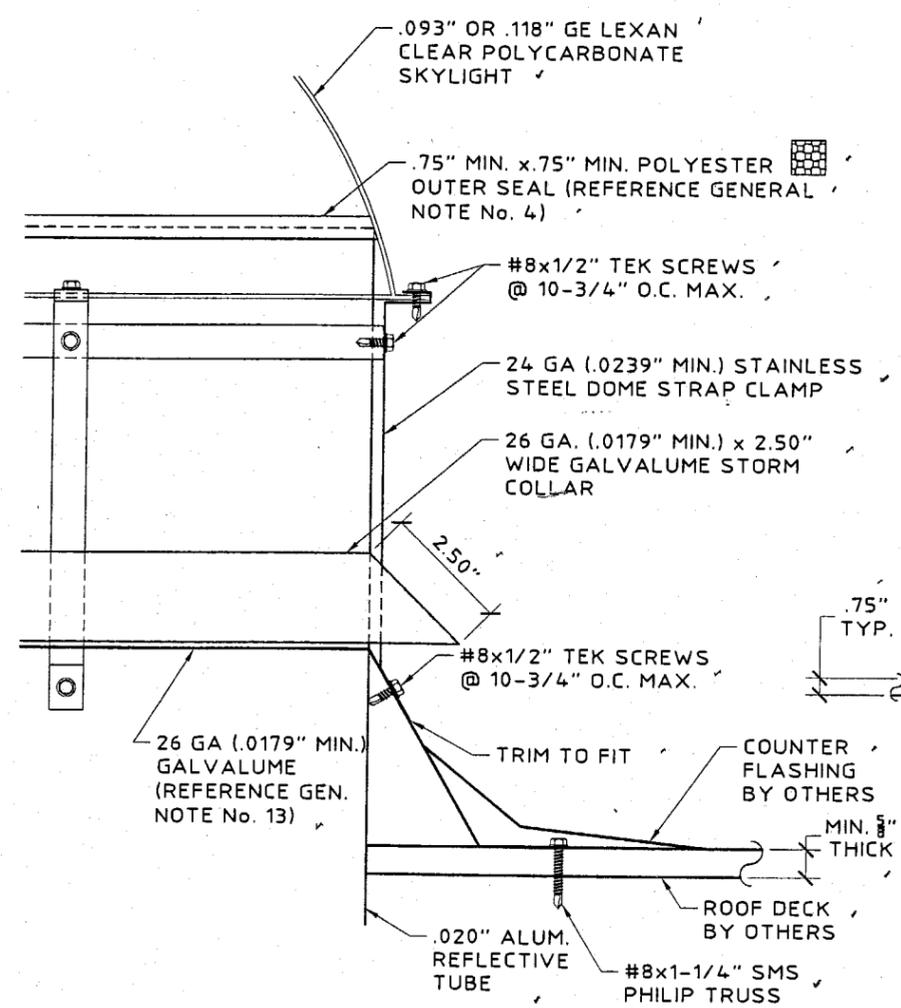
**3 POLYCARBONATE DOME PROFILE (STANDARD & FLAT ROOF MOUNTS)**  
SCALE: 1-1/2" = 1' - 0"



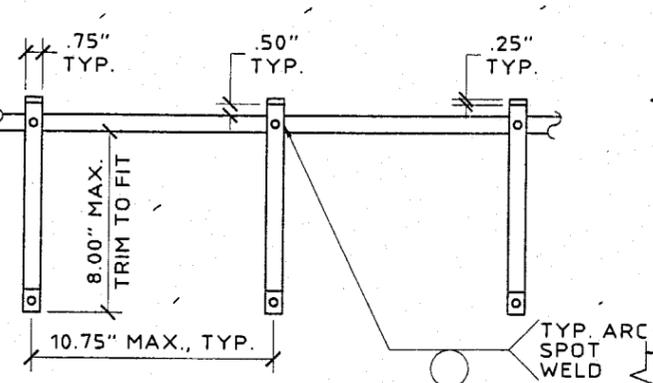
**4 POLYCARBONATE DOME PLAN (STANDARD & FLAT ROOF MOUNTS)**  
SCALE: 1-1/2" = 1' - 0"



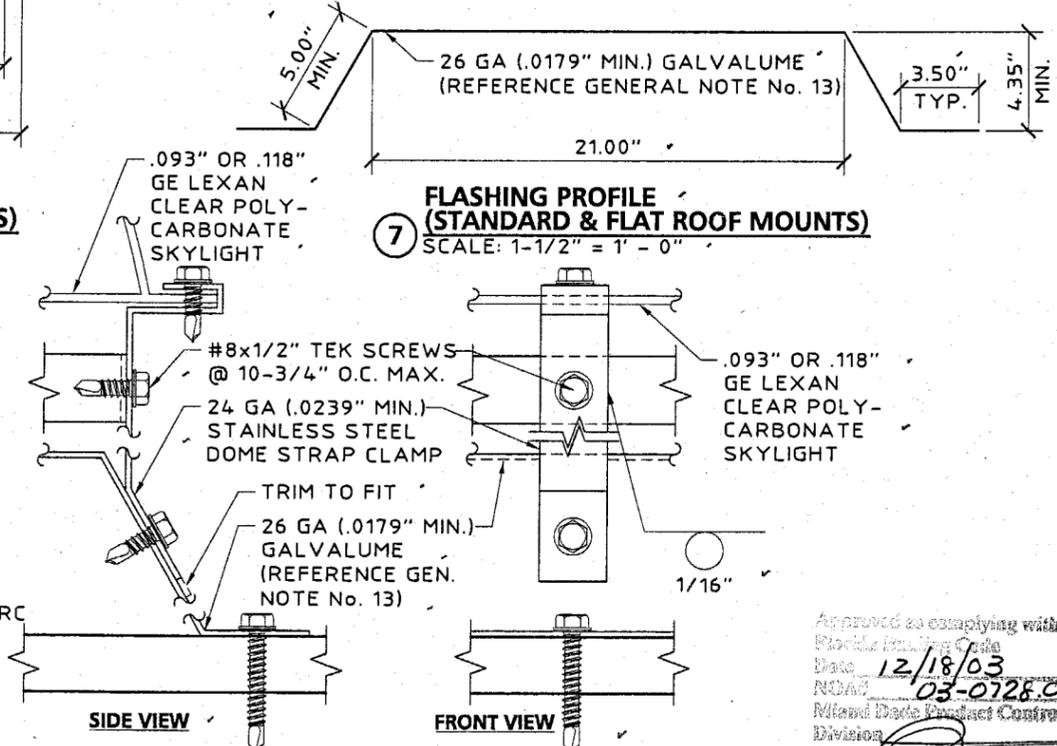
**6 FLASHING PLAN (STANDARD & FLAT ROOF MOUNTS)**  
SCALE: 1-1/2" = 1' - 0"



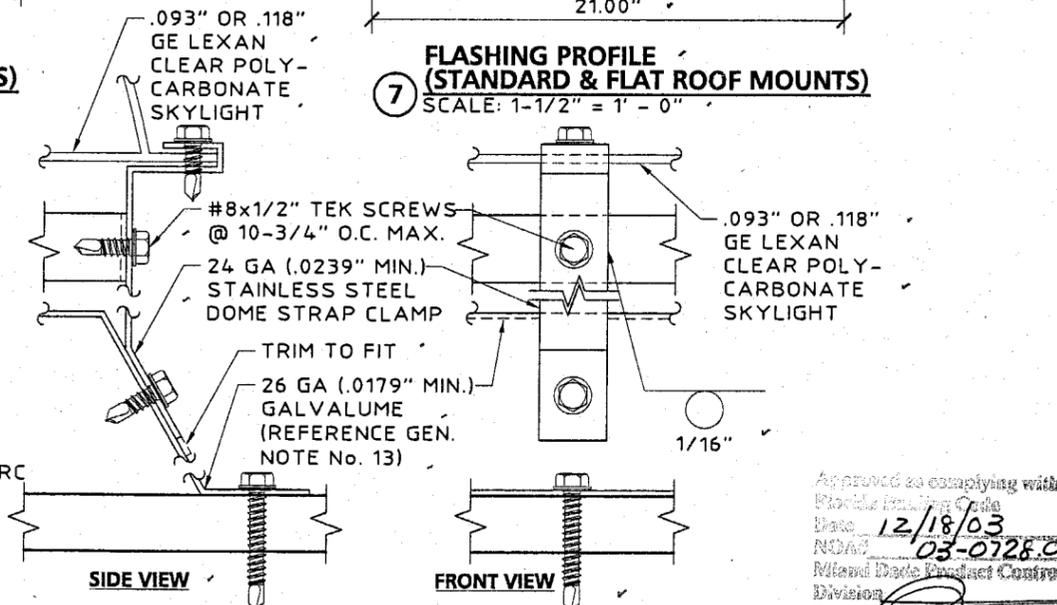
**2 SKYLIGHT ASSEMBLY**  
SCALE: 3" = 1' - 0"



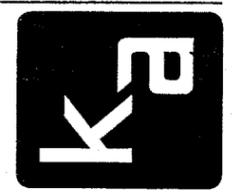
**5 DOME CLAMP STRAP**  
SCALE: 1-1/2" = 1' - 0"



**7 FLASHING PROFILE (STANDARD & FLAT ROOF MOUNTS)**  
SCALE: 1-1/2" = 1' - 0"



**8 DOME CLAMP STRAP**  
SCALE: HALF SIZE



**KNEZEVICH & ASSOCIATES, INC.**  
CONSULTING ENGINEERS • PRODUCT TESTING  
1260 N. UNIVERSITY DRIVE, SUITE 180 • FORT LAUDERDALE, FL 33322  
TEL: (954) 382-2800 • FAX: (954) 382-2989 • FLORIDA COA #3205  
WEBSITE: WWW.KNEZEVICH.COM • E-MAIL: KA@KNEZEVICH.COM  
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**STANDARD FLAT ROOF MOUNT**  
**Tubular Skylight, Inc.**  
www.tubular-skylight.com  
753 Cattlemen Road  
Sarasota, FL 34232-2852  
Fax: (941) 342-8844  
(941) 378-TUBE (800) 315-TUBE

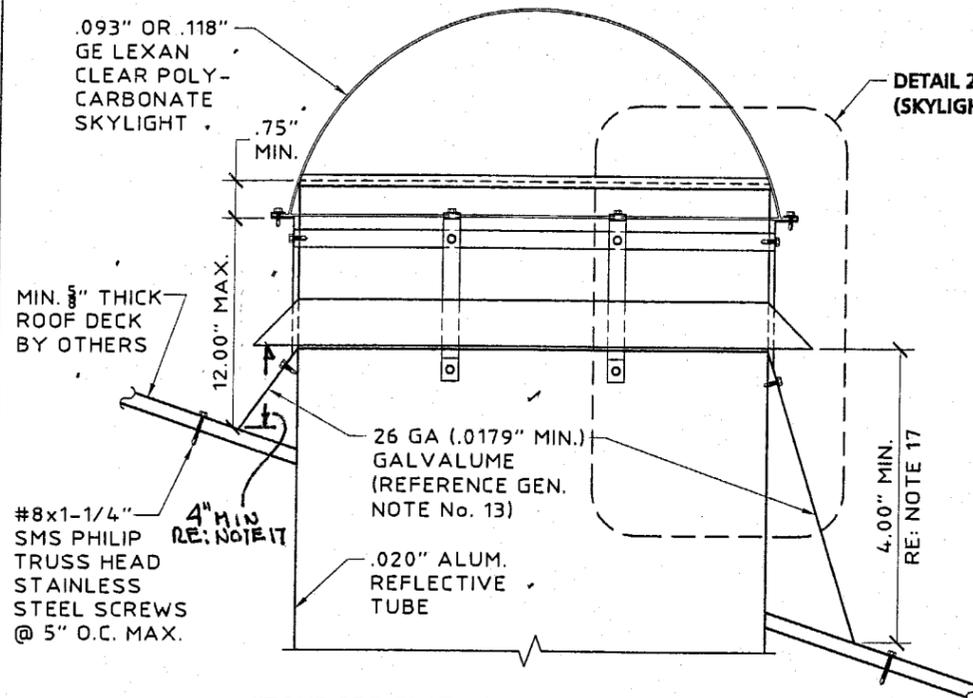
**V.J. KNEZEVICH**  
PROFESSIONAL ENGINEER  
FL License No: PE 0010983

NOV 19 2003

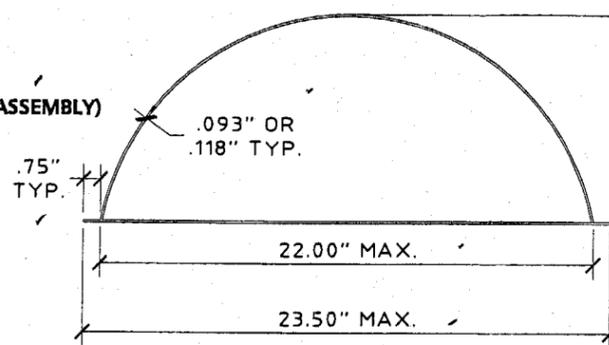
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2	11/19/03	DLB	BCCO COMMENTS

date 07/22/2003  
scale AS NOTED  
AS NOTED  
design by OLB  
checked by VJK  
drawing no. 03-318  
sheet 2 of 4

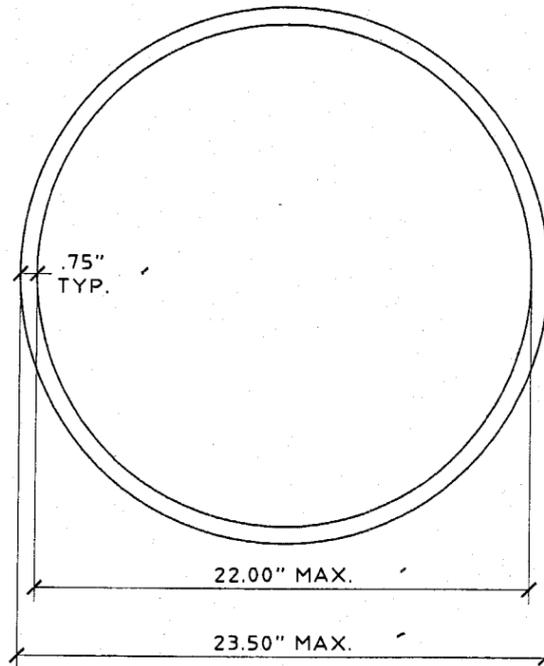
Approved as complying with the Florida Building Code  
Date 12/18/03  
NOA# 03-0728-07  
Miami Data Product Control  
By: [Signature]



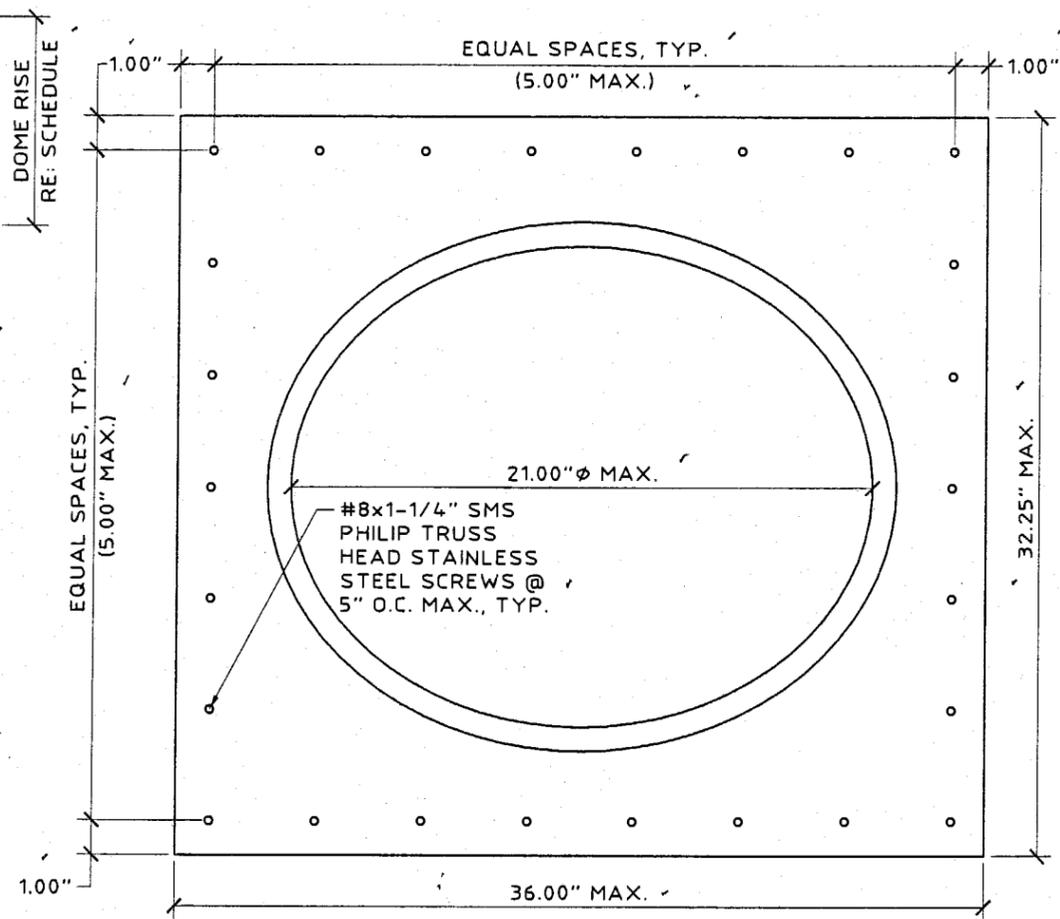
1 STANDARD FLAT ROOF MOUNT (STD MODEL)  
SCALE: 1-1/2" = 1' - 0"



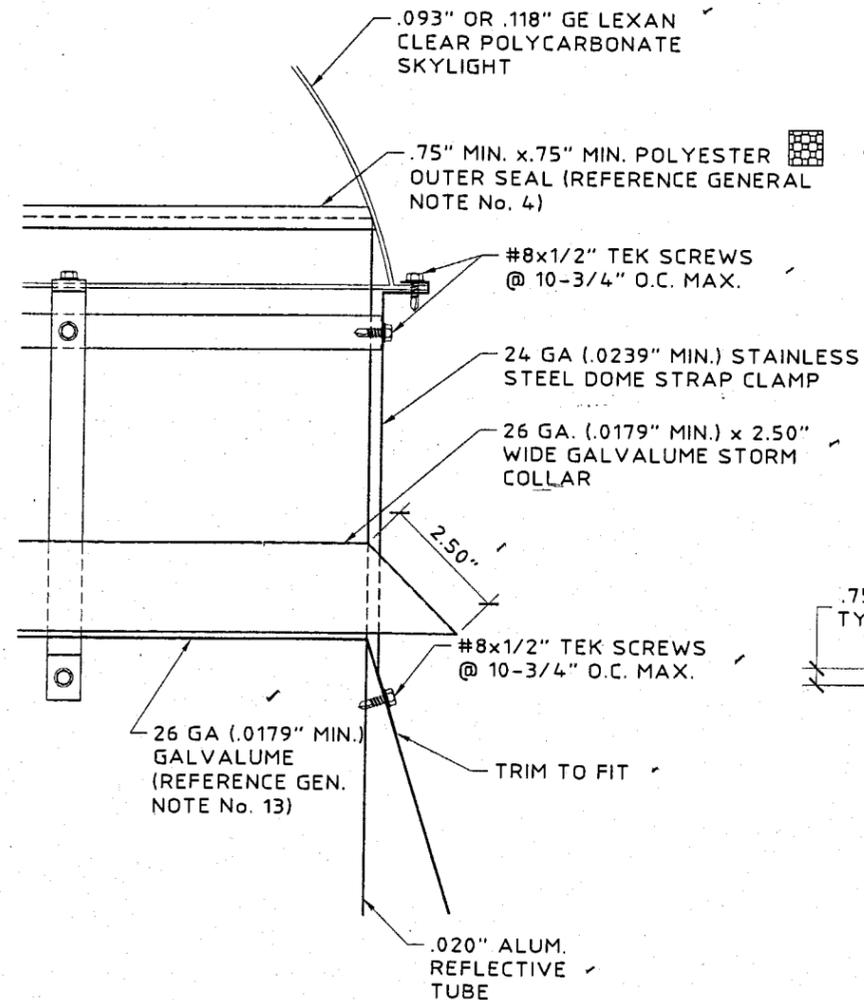
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SCALE: 1-1/2" = 1' - 0"



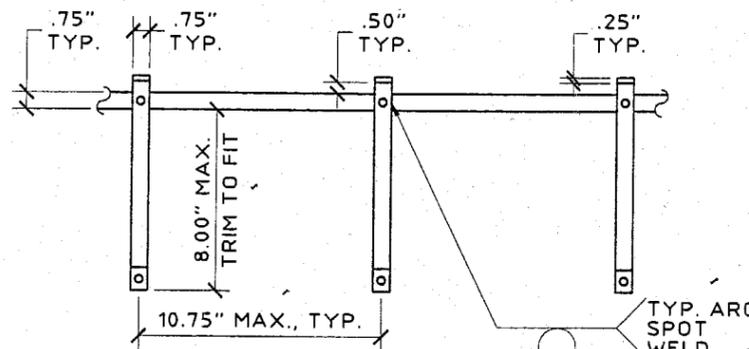
4 POLYCARBONATE DOME PLAN (STANDARD & FLAT ROOF MOUNTS)  
SCALE: 1-1/2" = 1' - 0"



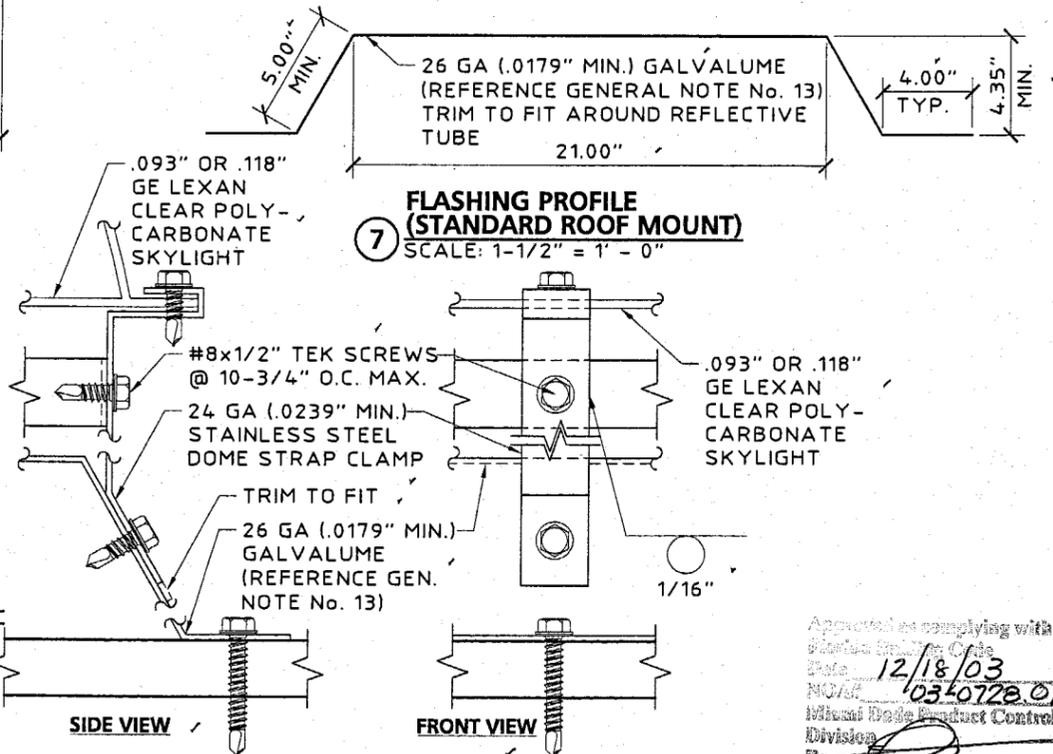
6 FLASHING PLAN (STANDARD ROOF MOUNT)  
SCALE: 1-1/2" = 1' - 0"



2 SKYLIGHT ASSEMBLY  
SCALE: 3" = 1' - 0"

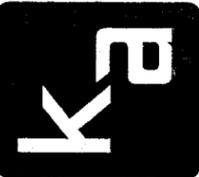


5 DOME CLAMP STRAP  
SCALE: 1-1/2" = 1' - 0"



7 FLASHING PROFILE (STANDARD ROOF MOUNT)  
SCALE: 1-1/2" = 1' - 0"

8 DOME CLAMP STRAP  
SCALE: HALF SIZE



**KNEZEVICH & ASSOCIATES, INC.**  
CONSULTING ENGINEERS • PRODUCT TESTING  
1260 N. UNIVERSITY DRIVE, SUITE 180 • FORT LAUDERDALE, FL 33322  
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WEBSITE: WWW.KNEZEVICH.COM • E-MAIL: KA@KNEZEVICH.COM  
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**STANDARD ROOF MOUNT**  
**Tubular Skylight, Inc.**  
www.tubular-skylight.com  
753 Cattlemen Road  
Sarasota, FL 34232-2852  
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(941) 378-TUBE-(800) 315-TUBE

**V.J. KNEZEVICH**  
PROFESSIONAL ENGINEER  
FL License No: PE 0010983

NOV 19 2003

no.	date	description
1	10/20/03	BCCO COMMENTS
2	11/19/03	BCCO COMMENTS

date 07/22/2003  
scale AS NOTED drawn by MCR  
design by VJK checked by VJK  
drawing no. 03-318  
sheet 3 of 4

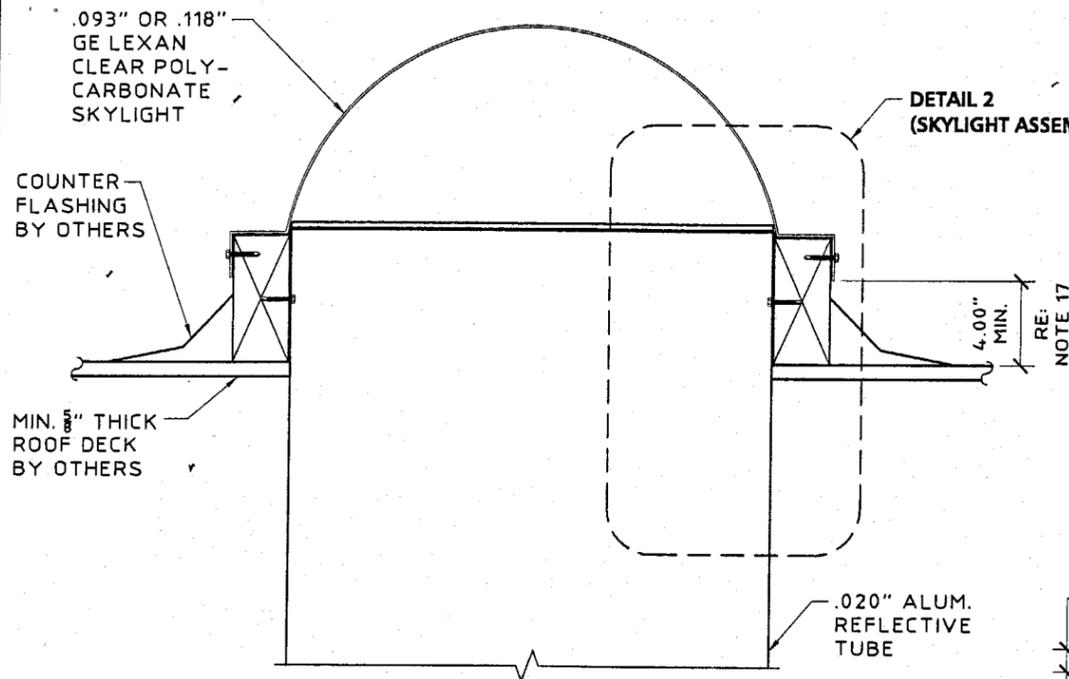
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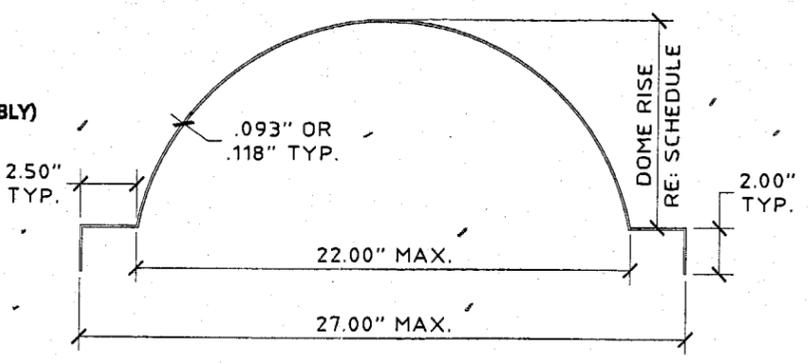
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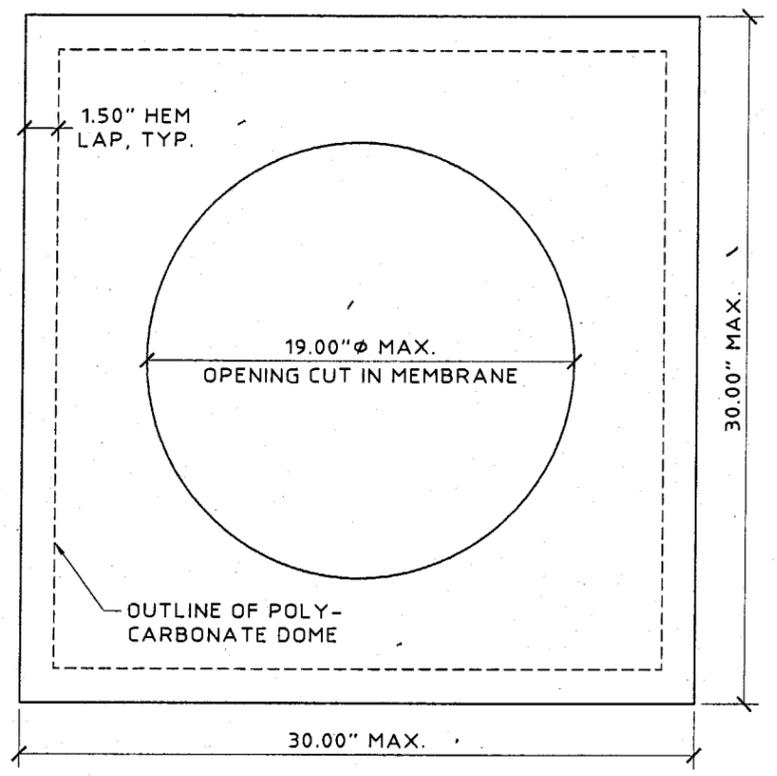
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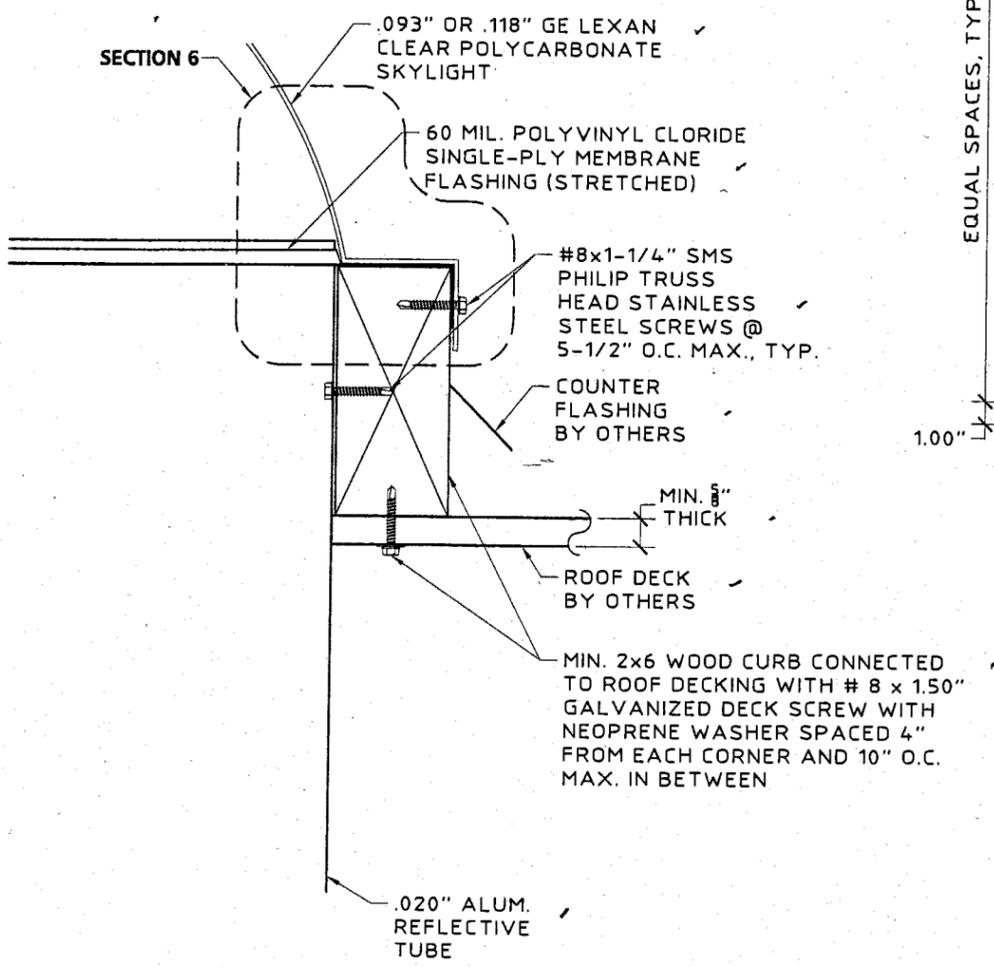
**1 LOW PROFILE FLAT ROOF MOUNT (LRM-C MODEL)**  
SCALE: 1-1/2" = 1' - 0"



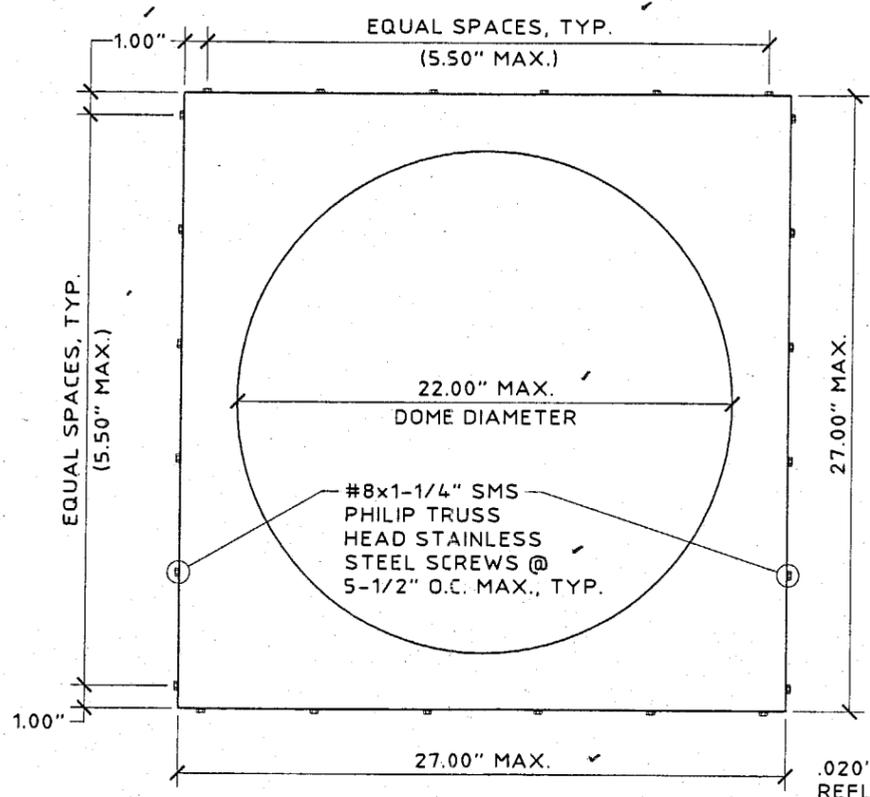
**3 POLYCARBONATE DOME PROFILE (LOW PROFILE FLAT ROOF MOUNT)**  
SCALE: 1-1/2" = 1' - 0"



**5 60 MIL. POLYVINYL CHLORIDE SINGLE-PLY MEMBRANE FLASHING BY SEAMAN CORP. APPROVED BY MDC N.O.A. # 00-1208.02 (LOW PROFILE FLAT ROOF MOUNT)**  
SCALE: 1-1/2" = 1' - 0"

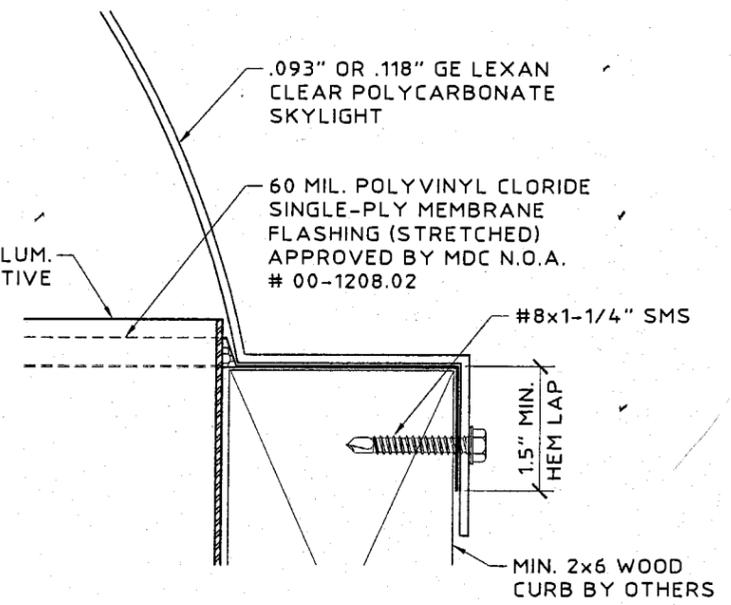


**2 SKYLIGHT ASSEMBLY**  
SCALE: 3" = 1' - 0"



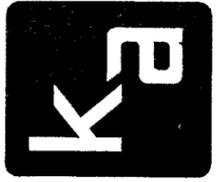
**4 POLYCARBONATE DOME PLAN (LOW PROFILE FLAT ROOF MOUNT)**  
SCALE: 1-1/2" = 1' - 0"

DOME DIAMETER / RISE SCHEDULE	
CLEAR OPENING DIAMETER	MAXIMUM DOME RISE
6.25"	4.00"
9.50"	5.00"
14.50"	7.00"
22.00"	10.50"



**6 60 MIL. MEMBRANE FLASHING DETAIL**  
SCALE: HALF SIZE

Approved as compared with the Florida Building Code  
Date: 12/18/03  
NOA#: 03-0728-01  
Miami Date Product Control  
Division  
By: [Signature]



**KNEZEVICH & ASSOCIATES, INC.**  
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WEBSITE: WWW.KNEZEVICH.COM • E-MAIL: KA@KNEZEVICH.COM  
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**LOW ROOF MOUNT - CURB CAP**  
**Tubular Skylight, Inc.**  
www.tubular-skylight.com  
753 Cattlemen Road  
Sarasota, FL 34232-2852  
Fax: (941) 342-8844  
(941) 378-TUBE (800) 315-TUBE

**V.J. KNEZEVICH**  
PROFESSIONAL ENGINEER  
FL License No: PE 0010983

NOV 19 2003

revisions	
no.	description
1	10/30/03 OLB BCCO COMMENTS
2	11/19/03 OLB BCCO COMMENTS

date 07/22/2003  
scale AS NOTED drawn by MER  
design by OLB checked by VJK  
drawing no. 03-318  
sheet 4 of 4