



**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)

**Bristol Fiberlite Industries, Inc.
401 E. Goetz.
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 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: Acrylic Domed Skylight.

APPROVAL DOCUMENT: Drawing No. 02-1054R1, titled "HRS-CM Skylights ", sheets No 1 to 4 of 4, prepared by EngCo, Inc. dated 07/13/03 with no revisions 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 Plaskolite, Inc.

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.**


01/01/04



**NOA No 02-1003.07
Expiration Date: January 1, 2009
Approval Date: January 1, 2004
Page 1**

Bristol Fiberlite Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A. DRAWINGS

1. Drawing No. 02-1054R1, sheets 1 through 4 of 4, titled "HRS-CM Skylights", prepared by EngCo Inc, dated 07/10/03, with no revisions, signed and sealed by P. De Figueiredo, 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 & Water Pressure Test per TAS 202, on "60 x 72 Curb Mounted Acrylic Dome Skylight", specimens 1, 2, 3 & 4. They were prepared by Hurricane Test Laboratory Inc, reports No. 0092-0306-02 & 0092-0613-03 dated 05/02/02 & 06/14/03, signed and sealed by V. J. Abraham PE.
2. Test report on Large Missile Impact Test per TAS 201, Cyclic Load Test per TAS 203 and Uniform Static Air & Water Pressure Test per TAS 202, on "48 x 96 Curb Mounted Acrylic Dome Skylight", specimens 1, 2, 3 & 4. They were prepared by Hurricane Test Laboratory Inc, No. 0092-0219-02 & 0092-0531-03, dated 05/02/02 & 06/14/03, signed and sealed by V. J. Abraham, PE.
3. Test report on Large Missile Impact Test per TAS 201 and Cyclic Load Test per TAS 203 on "Curb Mounted Acrylic Dome Skylight", specimen 1, 2, 3 & 4. They were prepared by Hurricane Test Laboratory Inc, report No. 0092-1008-03, dated 10/14/03, signed and sealed by V. J. Abraham, PE.

C. CALCULATIONS

1. Skylight HRS-CM evaluation, reference 02-1054, sheets 1 through 5, dated 08/22/02 signed and sealed by P. De Figueiredo, PE.

D. QUALITY ASSURANCE

1. Miami-Dade Product Control Division.

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No.03-0520.05 issued to Plaskolite, Inc, on 10/02/03,expiring on 06/26/04.

F. STATEMENTS

1. Code compliance and No Financial interest letter issued by Engco Inc, on 09/18/02, and signed by P. DeFigueiredo, PE.


01/01/04

Candido F. Font, P. E.
Senior Product Control Examiner
NOA No 02-1003.07
Expiration Date: January 1, 2009
Approval Date: January 1, 2004

GENERAL NOTES:

1- DEFINITION: THIS PRODUCT IS A SKYLIGHT TYPE WINDOW, DESIGNED, CONSTRUCTED AND ERECTED TO ENCLOSE AN AREA, PROVIDING PROTECTION FROM HURRICANE FORCE WINDS WITHIN THE ALLOWABLE DESIGNED PRESSURES AND LIMITATIONS STATED IN THIS APPROVAL.

2- CODE: FLORIDA BUILDING CODE 2001 EDITION, (INCLUDING HIGH VELOCITY ZONES).
THIS PRODUCT HAS BEEN TESTED UNDER MIAMI-DADE PA 201 (LARGE MISSILE), PA 202 & PA 203

3- POSTING: A PERMANENT LEGIBLE DECAL SHALL BE PLACED AT A VISIBLE LOCATION STATING THE FOLLOWING:
"HRS-CM SKYLIGHT - BRISTOLITE SKYLIGHTS
SANTA ANA - CALIFORNIA
LARGE MISSILE IMPACT RESISTANT
DADE COUNTY PRODUCT CONTROL APPROVED"
GLAZING LABEL: OPTIX ACRYLIC PLASTIC SHEET,
MANUFACTURED BY PLASKOLITE, INC.

4- LOADS: THE DESIGNED LOAD MUST BE CALCULATED, AS PER ASCE 7-98 BY A PROFESSIONAL ARCHITECT OR ENGINEER FOR EACH SPECIFIC PROJECT. THE CALCULATED DESIGNED PRESSURE MUST NOT EXCEED THE ALLOWABLE PRESSURES RATED HERE IN.

5- MATERIAL:
5.1- STEEL FRAMING 14GA COMPONENTS SHALL BE ROLL FORMED SHAPES CONFORMING TO ASTM A653, COMMERCIAL QUALITY WITH A MINIMUM $F_y = 33 \text{ KSI}$ AND GALVANIZED IN ACCORDANCE WITH ASTM A525 G90.
5.2- EXTERIOR DOME WAS VACUUM FORMED FROM 1/4" THICK OPTIX ACRYLIC PLASTIC. (MIAMI DADE APPROVAL # 00-0508.14)
5.3- INTERIOR DOME WAS VACUUM FORMED FROM 1/8" THICK OPTIX ACRYLIC PLASTIC. (MIAMI DADE APPROVAL # 00-0508.14)

6- FASTENERS: ASSEMBLY SCREWS AND ANCHORS SHALL BE AS SPECIFIED BY THE CURRENT SET OF DRAWINGS. INSTALLATION AND LOADS AS PER THIS APPROVAL.

7- USE: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, ARCHITECT OR ENGINEER OF RECORD TO VERIFY THE FOLLOWING:
7.1- THE STABILITY OF THE STRUCTURE WHERE THIS PRODUCT IS TO BE ATTACHED INSURING PROPER ANCHORAGE.
7.2- THE SITE SPECIFIC PROJECT CRITERIA, SUCH AS BUT NOT LIMITED TO, WIND LOADS, LOCAL CODE REQUIREMENTS, DESIGNED PRESSURES ETC.
7.3- THAT THIS APPROVAL IS ADEQUATE TO THE SPECIFIC PROJECT.

8- ALL ROOFING DETAIL SHALL COMPLY WITH CHAPTER 15 OF THE FLORIDA BUILDING CODE 2001 ED.

9- 4" MINIMUM HIGH CURB FOR SHINGLE & BUR. WITHOUT INSULATION. FOR INSULATION AND TILE ADD THE TILE HEIGHT AND THE INSULATION THICKNESS TO 4" MINIMUM HEIGHT.

CONTENTS:

- SHEET 1 OF 4 - GENERAL NOTES AND CONTENTS
- SHEET 2 OF 4 - MODEL HRS-CM-2, 52 X 100 - Pd=+30, -70 PSF
- SHEET 3 OF 4 - MODEL HRS-CM-2, 64 X 76 - Pd=+30, -70 PSF
- SHEET 4 OF 4 - COMPONENTS AND CORNER ASSEMBLY

Approved as complying with the
Florida Building Code
Date: 01/01/04
NOA: 02-1003.01
Miami-Dade Product Control
Division
By: [Signature]

Manufacturer:
Bristolite Skylights

401 East Goetz Avenue
SANTA ANA, CA 92707
Tel.: (714) 540-8950
Fax: (714) 540-5415

Product:
HRS-CM Skylights
HURRICANE RESISTANT
SKYLIGHT, CURB MOUNTED
DOUBLE GLAZED

Engineering:
EngCo Inc.
CA 8116
6971 W. Sunrise Blvd. 104
Plantation, Fl. 33313
Tel.: (954) 585-0304

[Signature]
DEC 02 2003

Engineer Seal
Pedro De Figueredo
PE 52609

Date: 7/10/03
Scale: NA
Design by: PPMF

Revision:

Drawing Number
02-1054R1

Sheet
1 of 4

Manufacturer:
Bristolite Skylights

401 East Goetz Avenue
SANTA ANA, CA 92707
Tel.: (714) 540-8950
Fax: (714) 540-5415

Product:
HRS-CM Skylights
HURRICANE RESISTANT
SKYLIGHT, CURB MOUNTED
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DEC 02 2003

Engineer Seal
Pedro De Figueiredo
PE 52609

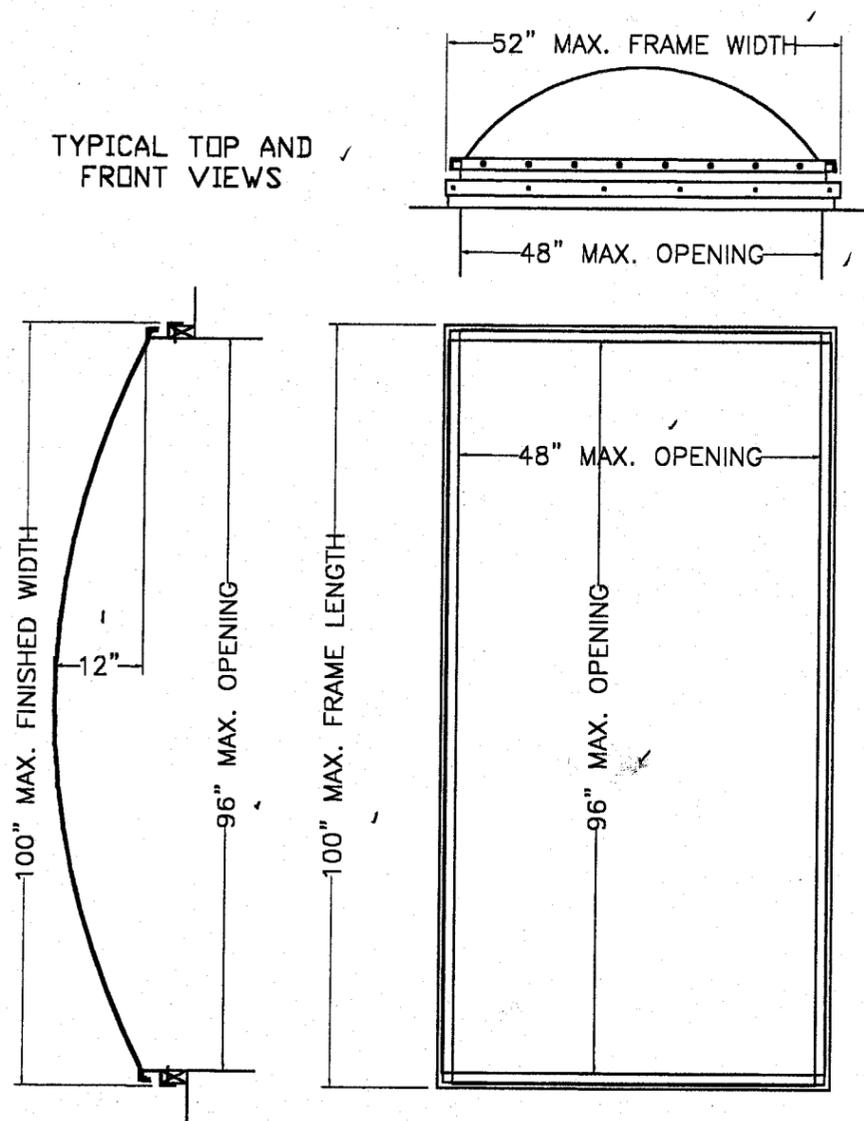
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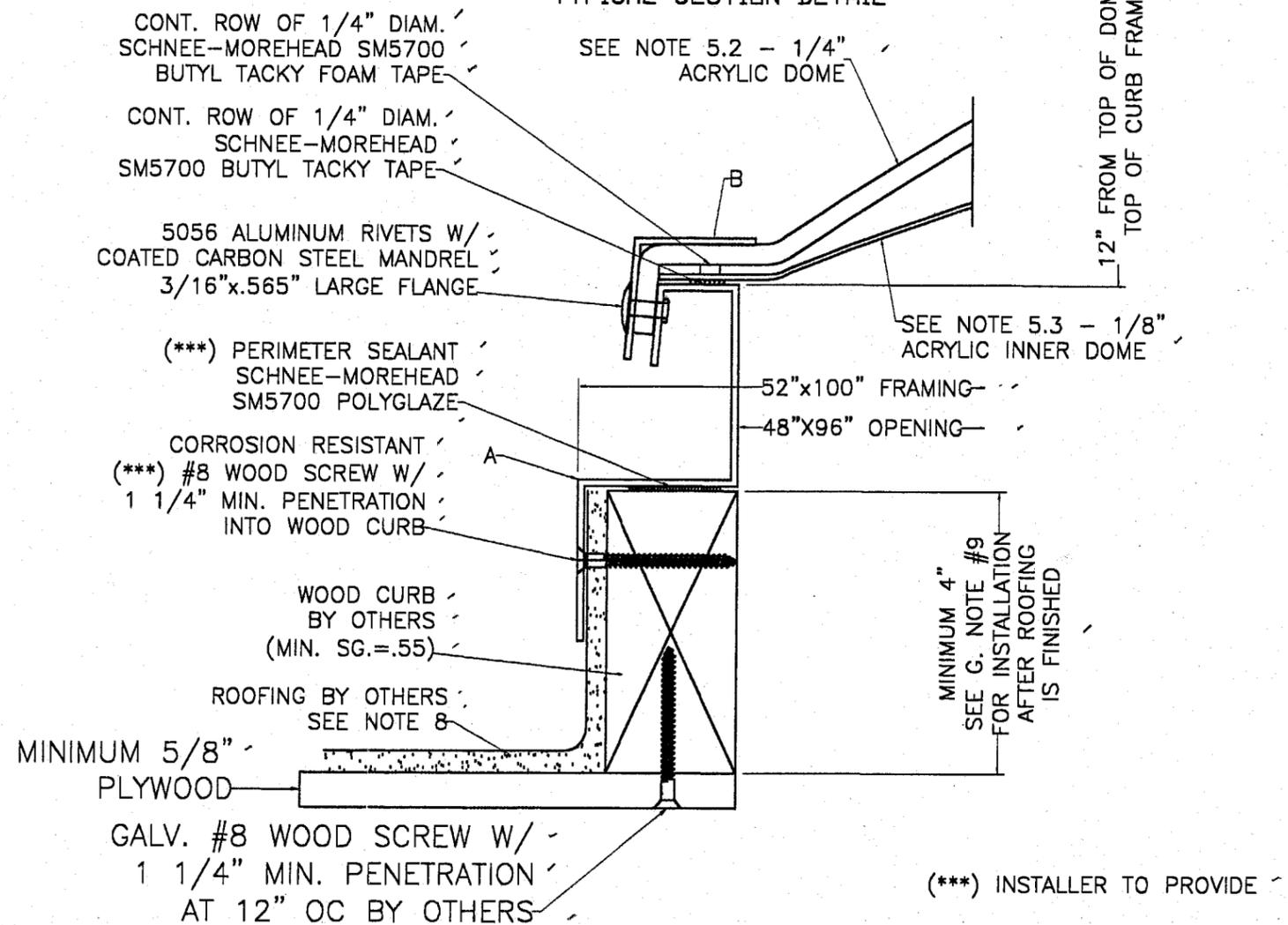
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02-1054R1

Sheet
2 of 4

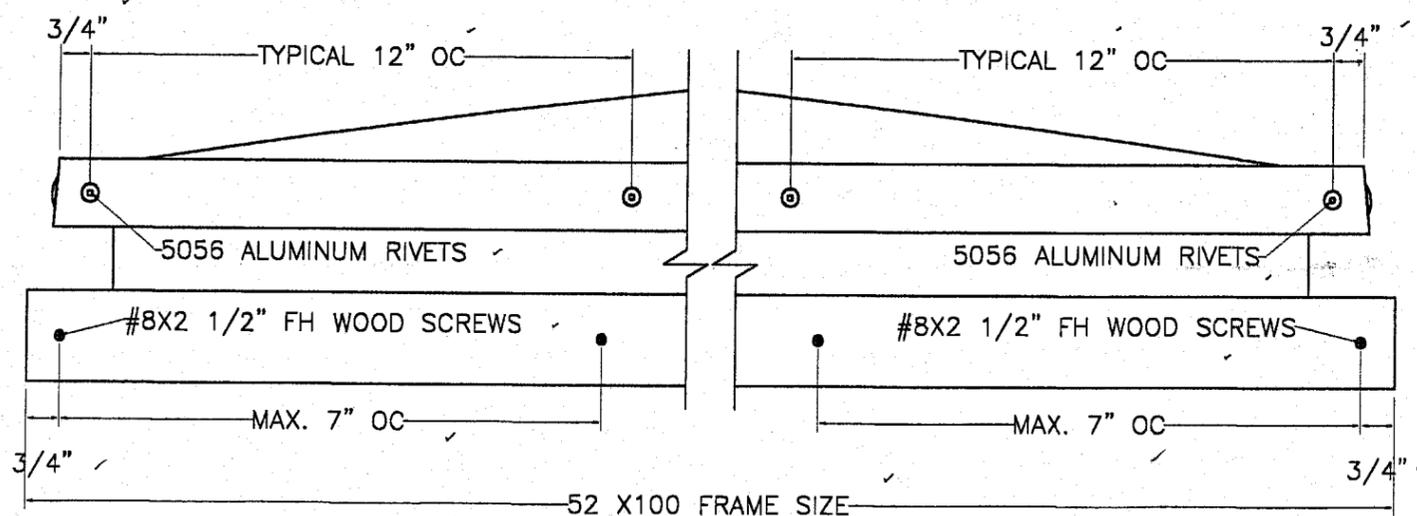
TYPICAL TOP AND FRONT VIEWS



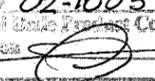
TYPICAL SECTION DETAIL



RIVETS AND WOOD SCREWS LAY-OUT



MODEL HRS-CM-2 (52" X 100")
Pd= +30 Psf, -70 Psf

Approved as complying with the
Florida Building Code
Date: 01/01/04
RCAN: 02-1003-07
Division: 

Manufacturer:
Bristolite Skylights

401 East Goetz Avenue
SANTA ANA, CA 92707
Tel.: (714) 540-8950
Fax: (714) 540-5415

Product:
HRS-CM Skylights
HURRICANE RESISTANT
SKYLIGHT, CURB MOUNTED
DOUBLE GLAZED

Engineering:
EngCo Inc.

CA 8116
6971 W. Sunrise Blvd. 104
Plantation, FL 33313
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DEC 02 2003

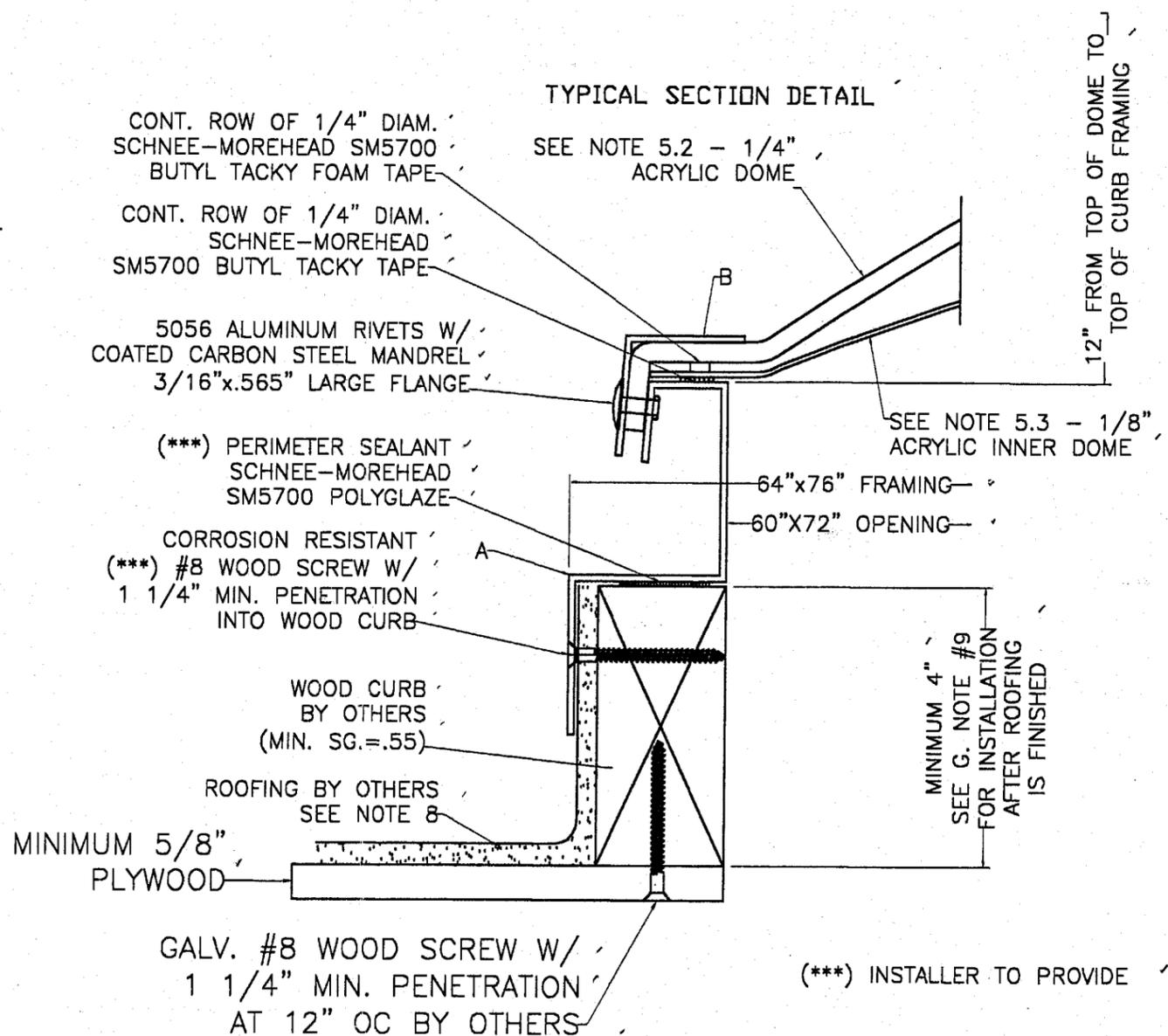
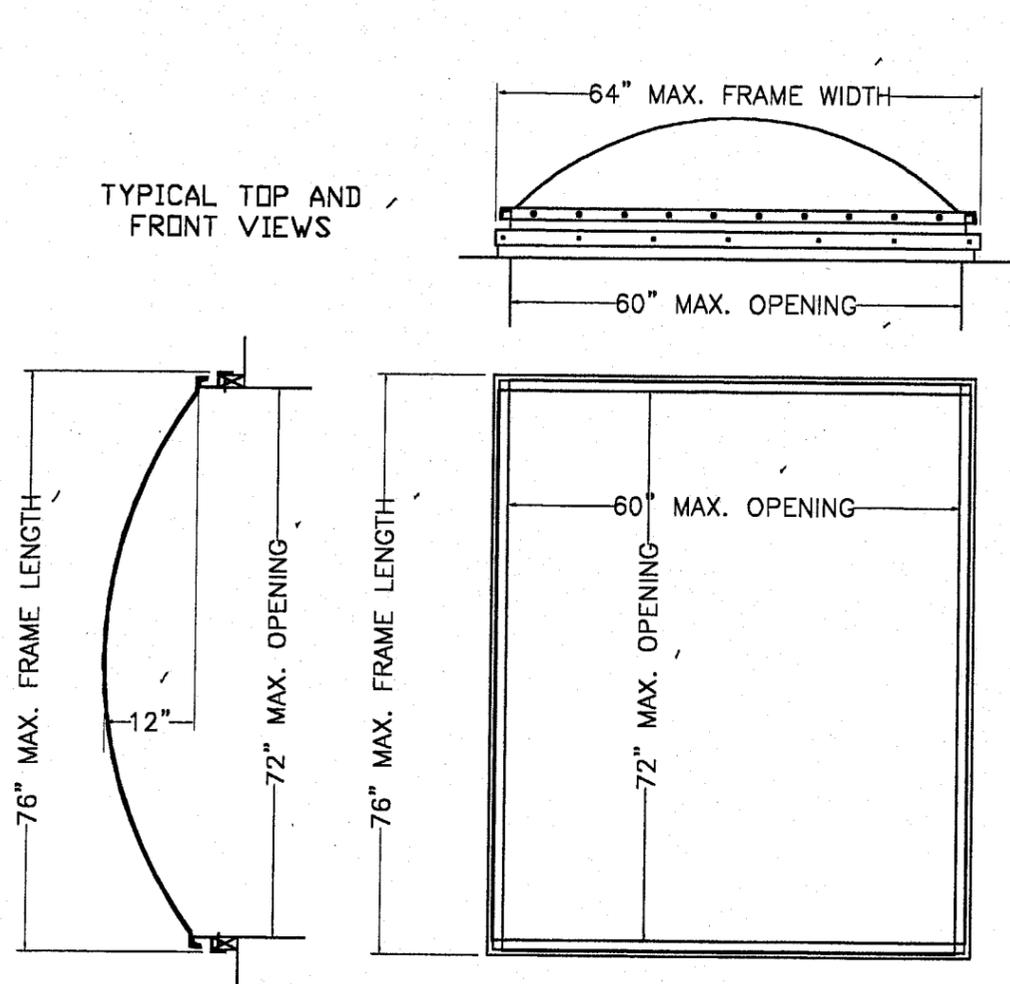
Engineer Seal
Pedro De Figueiredo
PE 52609

Date: 7/10/03
Scale: NA
Design by: PPMF

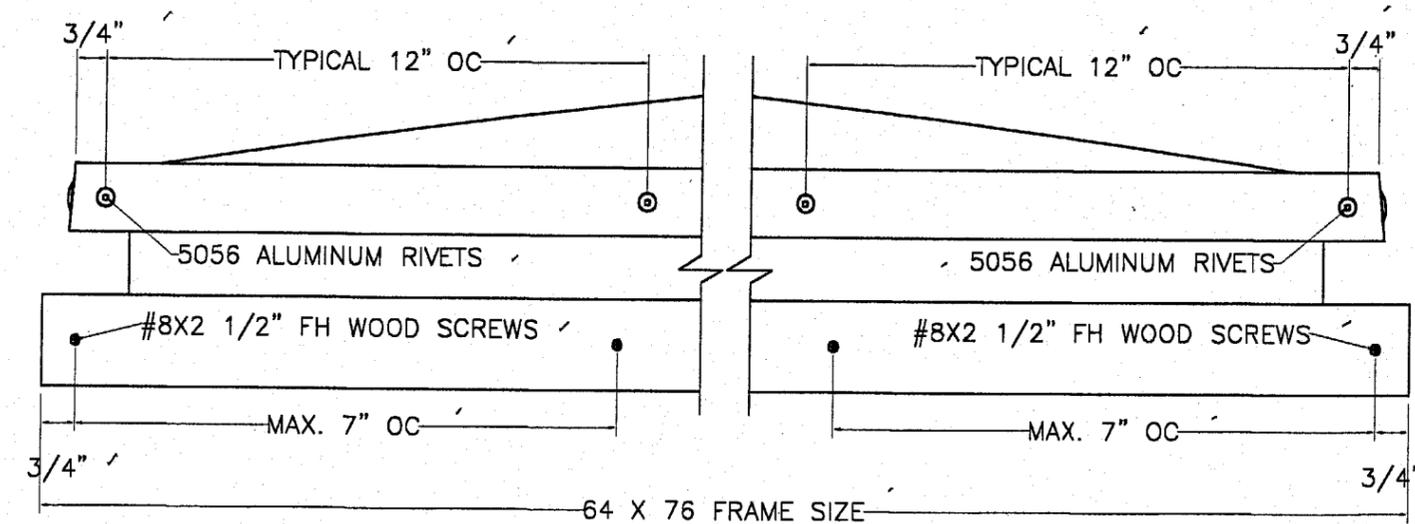
Revision:

Drawing Number
02-1054R1

Sheet
3 of 4



RIVETS AND WOOD SCREWS LAY-OUT



MODEL HRS-CM-2 (64" X 76")
Pd= +30 Psf, -70 Psf

Approved to comply with the
Florida Building Code
Date: 01/01/04
By: 02-1054R1
William Trade Management Control
Division

Manufacturer:
Bristolite Skylights

401 East Goetz Avenue
 SANTA ANA, CA 92707
 Tel.: (714) 540-8950
 Fax: (714) 540-5415

Product:
HRS-CM Skylights
 HURRICANE RESISTANT SKYLIGHT, CURB MOUNTED DOUBLE GLAZED

Engineering:
EngCo Inc.
 CA 8116
 6971 W. Sunrise Blvd. 104
 Plantation, FL 33313
 Tel.: (954) 585-0304


 DEC 02 2003
 Engineer Seal
 Pedro De Figueiredo
 PE 52609

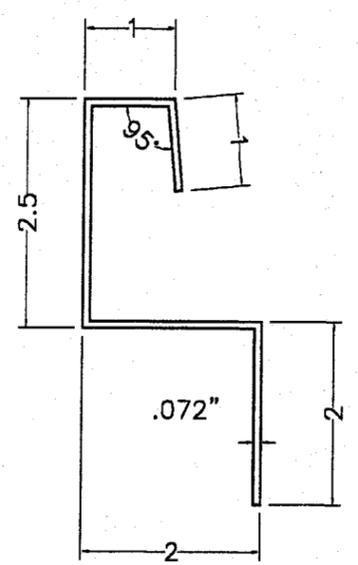
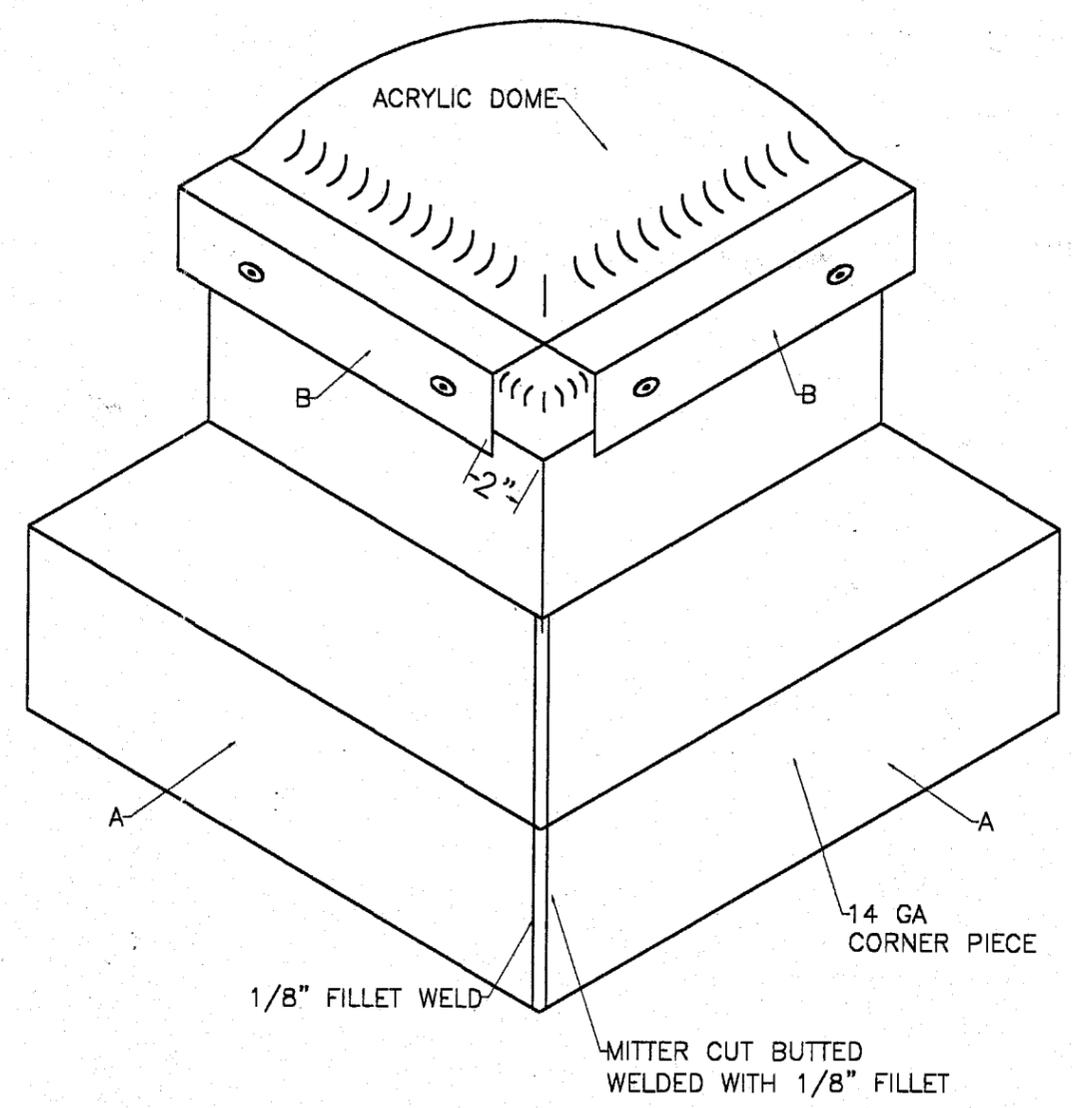
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Revision:

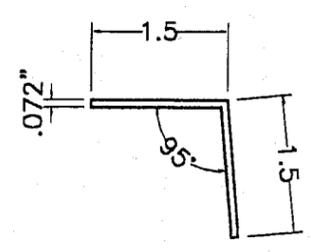
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 02-1054R1

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 4 of 4

TYPICAL CORNER ASSEMBLY



A- HRS CURB
 ROLL FORMED GALVANIZED
 STEEL
 14GA-ASTM A653 CQ G90
 (Fymin= 33 Ksi)



B- HRS RETAINER CAP
 ROLL FORMED GALVANIZED
 STEEL
 14GA-ASTM A653 CQ G90
 (Fymin= 33 Ksi)

Approved as supplying with the
 Bristolite Skylights Co.
 Date: 01/01/04
 PPMF 02-1054R1
 Bristolite Skylights Control
 Division
 By: 