MIAMI-DADE COUNTY
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
www.miamidade.gov

NOTICE OF ACCEPTANCE (NOA)

Super Sky Products, Inc.
10301 North Enterprise Drive
Mequon, Wisconsin 53092

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: Standard Tubular Skylight System – Small Missile

APPROVAL DOCUMENT: Drawing No. 960209, titled " Super Sky's Standard Tubular Skylight Glazing System ", sheets A, A1, A1A, A2, A2A, A3, and A4 of 7, prepared by David S. Barron, P.E., last revision #6 dated November 14, 2002 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 Division.

MISSILE IMPACT RATING: 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.

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 # 07-1017.08** and consists of this page 1, evidence submitted pages E-1 & E-2 as well as approval document mentioned above.

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

MIAMI-DADE COUNTY APPROVED

Helmy A. Makar
01/08/2009

NOA No. 08-1114.13
Expiration Date: 12/24/2013
Approval Date: 01/08/2009

Super Sky Products, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 99-1019.08

A. DRAWINGS

1. *Drawing No. 960209, titled "Super Sky's Standard Tubular Skylight System", prepared by David S. Barron, P.E., last revised on March 3, 1999, sheets A, A1, A1A, A2, A2A, A3, and A4 of 7, signed and sealed by David S. Barron, P.E.*

B. TESTS

1. *Test report on Small Missile Impact Test, Cyclic Load Test and Uniform Static air Pressure Test on Super Sky's Skylight Systems, prepared by Hurricane Test Laboratory, Inc., Report No. 0161-0208-99, dated 02/17/99, signed and sealed by Timothy S. Marshall, P.E.*

C. CALCULATIONS

1. *Calculation titled "Super Sky Products, Inc. Product Approval Mock-up Testing, PA 201-94, PA 202-94 & PA 203-94, Small Missile Test", dated march 7, 1998, revised April 3, 1999, pages 1 through 19 of 19, prepared by David S. Barron, P.E., signed and sealed by David S. Barron, P.E.*

D. MATERIAL CERTIFICATIONS

1. *Mill Certified Test Report issued by Viracon, dated 03/10/99, with the glass strength analysis by Jeffrey D. Guanato.*
2. *The Die Drawing Numbers D1 through D9 of 9, by Super Sky Products, Inc.*

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 02-1009.06

A. DRAWINGS

1. *Drawing No. 960209, titled " Super Sky's Standard Tubular Skylight Glazing System ", sheets A, A1, A1A, A2, A2A, A3, and A4 of 7, prepared by David S. Barron, P.E., last revision #6 dated November 14, 2002 signed and sealed by David S. Barron, P.E.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. MATERIAL CERTIFICATIONS

1. *None.*

Hemy A. Makar, P.E., M.S.
Product Control Examiner
NOA No. 08-1114.13
Expiration Date: 12/24/2013
Approval Date: 01/08/2009

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #07-1017.08

A. DRAWINGS

1. None.

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 Small Missile Impact Test, Cyclic Load Test and Uniform Static air Pressure Test on Super Sky's Skylight Systems, prepared by Hurricane Test Laboratory, Inc., Report No. 0161-0609-08, dated 10/28/08, signed and sealed by Vinu J. Abraham, P.E.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

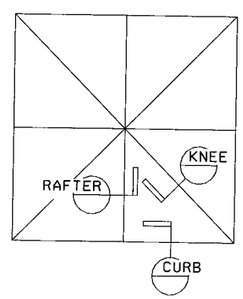
Helmy A. Makar, P.E., M.S.
Product Control Examiner
NOA No. 08-1114.13
Expiration Date: 12/24/2013
Approval Date: 01/08/2009

SUPER SKY'S STANDARD TUBULAR SKYLIGHT SYSTEM

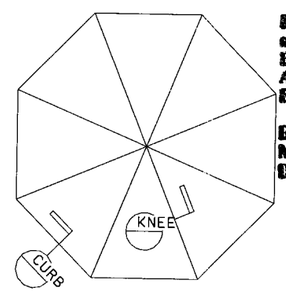
1) SYSTEM DESCRIPTION: SUPER SKY'S STANDARD TUBULAR SKYLIGHT GLAZING SYSTEM CONSISTS OF AN EXTRUDED ALUMINUM STRUCTURAL FRAME (6061-T6), CUSTOM ENGINEERED TO SUIT A PARTICULAR PROJECT. THE EXTRUDED FRAME IS CONNECTED TOGETHER USING ALUMINUM CHANNEL CLIPS, ANCHOR PLATES, AND GUSSET PLATES, AS SHOWN ON DRAWINGS A1-A4. THE GLASS IS ATTACHED TO THE FRAME USING ALUMINUM RETAINERS (6063-T5), AND 1/4"-20 STAINLESS STEEL TORX HEAD SCREWS 6" O.C. THE SCREWS ENGAGE THE SERRATIONS IN THE ALUMINUM EXTRUSIONS BELOW. EPDM GASKETS ARE USED ON THE INTERIOR (1/8" X 1/2") AND EXTERIOR (1/4" X 3/8") TO CUSHION THE GLASS, AND A FULL SILICONE WEATHER SEAL AND SNAP-ON CAPS ARE APPLIED TO PREVENT AIR AND WATER INFILTRATION.

1) SKYLIGHT TYPES: SINCE ALMOST ALL SKYLIGHTS BUILT USING SUPER SKY'S STANDARD TUBULAR GLAZING SYSTEM ARE CUSTOM DESIGNED FOR A PARTICULAR BUILDING, VIRTUALLY NONE OF THEM ARE EXACTLY THE SAME. IN RECOGNITION OF THIS FACT, THE TEST SPECIMINS AS SHOWN ON SHEETS A1-A4 WERE DEVELOPED SO AS TO TEST THE FOUR STANDARD DETAILS USED ON MOST SKYLIGHT PROJECTS (CURB, RAFTER, CROSSBAR, AND KNEE). THE DESIGN PRESSURE, GLASS TYPE, AND GLASS SIZES WERE ALSO SELECTED TO SUIT THE MOST POSSIBLE SKYLIGHT PROJECTS.

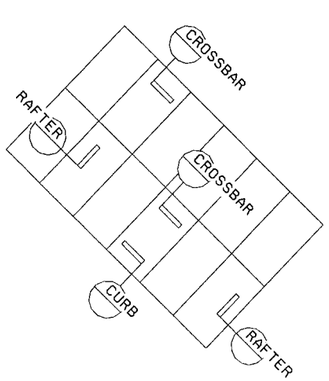
EXAMPLES OF THESE SKYLIGHT TYPES ARE SHOWN BELOW.



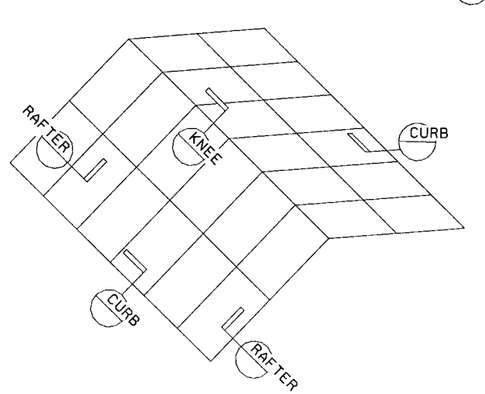
PYRAMID



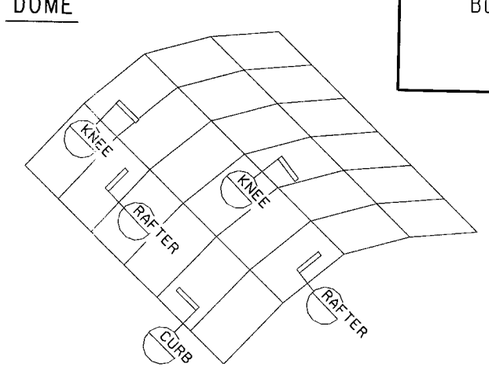
DOME



SINGLE PITCH



RIDGE



VAULT

SUPER SKY'S STANDARD TUBULAR SKYLIGHT GLAZING SYSTEM

PRODUCT APPROVAL TESTING
6 PER TAS-201, TAS-202, TAS-203

STANDARD DETAILS TESTED:

1. CURB (SEE DETAIL 1/A2)
2. RAFTER (SEE DETAIL 3/A2)
3. CROSSBAR (SEE DETAIL 2/A2)
4. KNEE [HIP] (SEE DETAIL 1/A3)

PLEASE SEE DRAWINGS A1-A4, INCLUDING A1A AND A2A FOR COMPLETE SPECIFICATIONS OF THE MOCK-UPS TESTED.

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No. 08-1114.13
Expiration Date 12/24/2013
By [signature]
Miami Dade Product Control Division

GENERAL NOTES:

1) THIS SYSTEM IS APPROVED FOR: DESIGN PRESSURES UP TO ± 120 PSF

2) GLASS TYPE TESTED:

9/16" CLEAR LAMINATED GLASS BY VIRACON, INC. CONSISTING OF:

1/4" CLEAR HEAT STRENGTHENED GLASS
.060" BUTACITE PVB INTERLAYER, BY E.I. DUPONT DENEMOURS
1/4" CLEAR HEAT STRENGTHENED GLASS

3) SMALL MISSILE IMPACT ONLY (STEEL BALL BEARINGS). THIS GLASS PRODUCT IS APPROVED FOR USE 30' ABOVE GRADE OR HIGHER.

4) APPROVED UP TO A MAXIMUM LITE SIZE OF 30 SQ. FT.

5) THE ALUMINUM EXTRUSIONS TESTED WERE SIZED PER STRUCTURAL CALCULATIONS TO SUIT THE SPANS AND DESIGN PRESSURE TESTED.

6) ALUMINUM CONTACTING MATERIALS NOT CONSIDERED 6 COMPATIBLE SHALL BE PROTECTED PER SECTION 2003.8.4.2 OF THE FLORIDA BUILDING CODE, 2001 EDITION.

7) THIS APPROVAL IS LIMITED TO THE MAXIMUM AREA OF THE 9/16" LAMINATED GLASS, THE FULLY ASSEMBLED GLAZING DETAILS SYSTEM TO THE SUPPORTING RAFTERS AND THE MAXIMUM DESIGN PRESSURE SHOWN ON THESE DRAWINGS.

8) THE STRUCTURAL ADEQUACY OF THE SUPPORTING STRUCTURAL MEMBERS, (CURBS, 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.

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No. 07-1017.08
Expiration Date 12/24/2008
By [signature]
Miami Dade Product Control Division

DADE COUNTY USE

PRODUCT REVISED
as complying with the Florida Buiding Code
Acceptance No. 02-1009.06
Expiration Date 12/24/2007
By [signature]
Miami Dade Product Control Division

ENGINEER STAMP

David S Baum
11-15-02

SUPER SKY PRODUCTS, INC.
10301 N. ENTERPRISE DR.
MEQUON, WISCONSIN 53092
414-242-2000

REVISIONS
6 11/14/02 CH

PRODUCT CONTROL REF. NO. 96-0035

PROJECT
MOCK-UP - DADE COUNTY PRODUCT APPROVAL

DADE COUNTY, FL

ENGINEER:
DAVE BARRON CONSULTING ENG.

MEQUON, WI

TEST LABORATORY

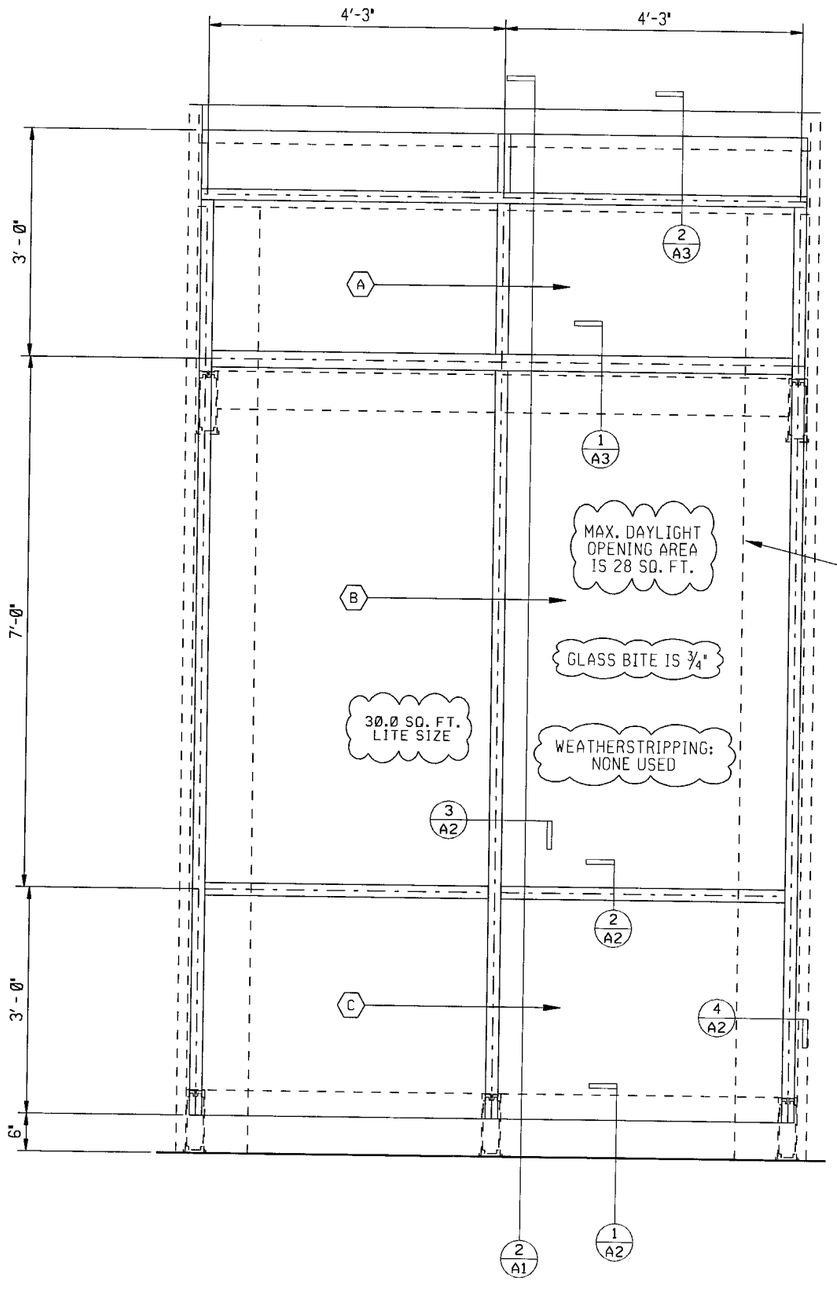
HURRICANE TEST LAB. RIVIERA BEACH, FL

DRAWN BY	DATE
GM	03/3/99
SCALE	APPROVAL
---	1 (DP)
PROJECT NO.	
960209	
SHEET	
A	A1-A4 A1A A2A

OF 7

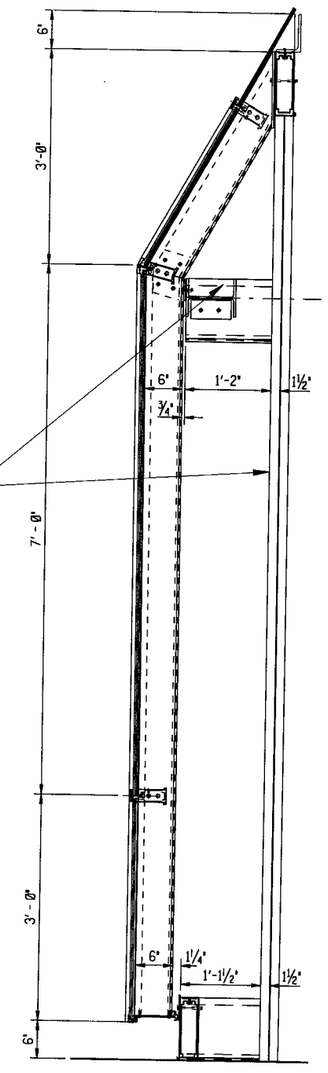
THIS IS A CAD PRODUCED DRAWING; DO NOT MAKE MANUAL CHANGES.

19960209A.S1



1 A1 ELEVATION (1 REQ'D)
1"=1'-0"

ALUMINUM SUPPORT FRAME BY SUPER SKY SEE DRAWINGS S1 & S2 FOR DETAILS
5 (NOT PART OF PRODUCT APPROVAL)



2 A1 THRU-SECTION
1"=1'-0"

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No 08-1114.13
Expiration Date 12/24/2013
By Helena A. Melo
Miami Dade Product Control Division

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No 07-1017.08
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By Helena A. Melo
Miami Dade Product Control Division

DADE COUNTY USE

PRODUCT REVISED
as complying with the Florida Buiding Code
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By Helena A. Melo
Miami Dade Product Control Division

ENGINEER STAMP

David D Barron
11-15-02

GLASS DRAWINGS:
23735M - LAMINATED
23736M - SENTRYGLASS

THIS IS A CAD PRODUCED DRAWING; DO NOT MAKE MANUAL CHANGES.

960209A.S1

SUPER SKY

SUPER SKY PRODUCTS, INC.
10301 N. ENTERPRISE DR.
MEQUON, WISCONSIN 53092
414-242-2000

6 11/14/02 CH

REVISIONS
1 PER SSPI 02/11/98 MEB
2 PER CALCS 03/20/98 MEB
3 PER SSPI 10/12/98 JK
4 PER SSPI 11/17/98 JK
5 AS TESTED 03/3/99 RN

PRODUCT CONTROL REF. NO. 96-0035

PROJECT
MOCK-UP - DADE COUNTY PRODUCT APPROVAL

DADE COUNTY, FL

ENGINEER:
DAVE BARRON CONSULTING ENG.

MEQUON, WI

TEST LABORATORY

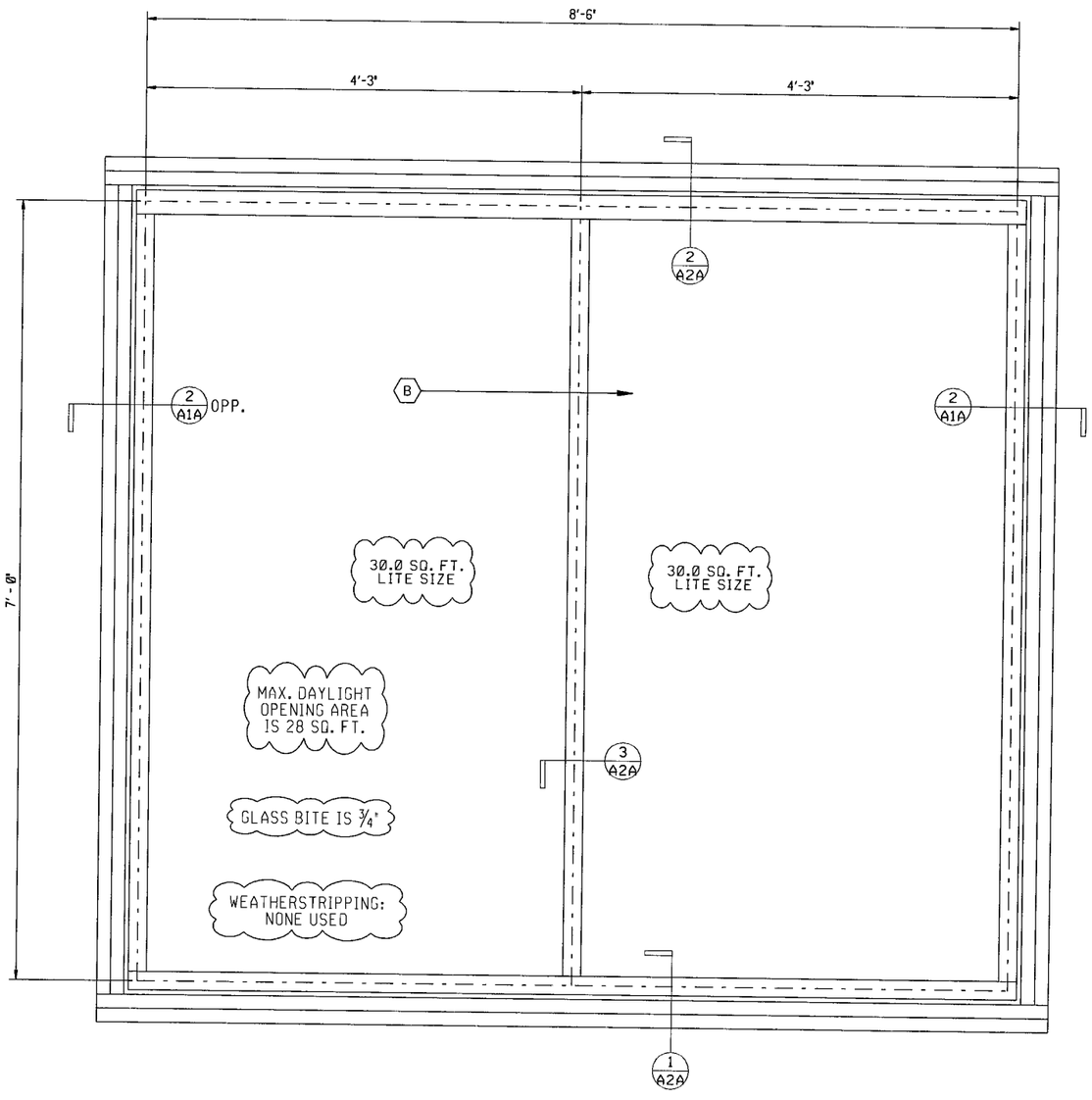
TITLE
ELEVATION & THRU-SECTION

DRAWN BY	DATE
JG2	02/14/97

SCALE	APPROVAL
AS NOTED	1(DP)

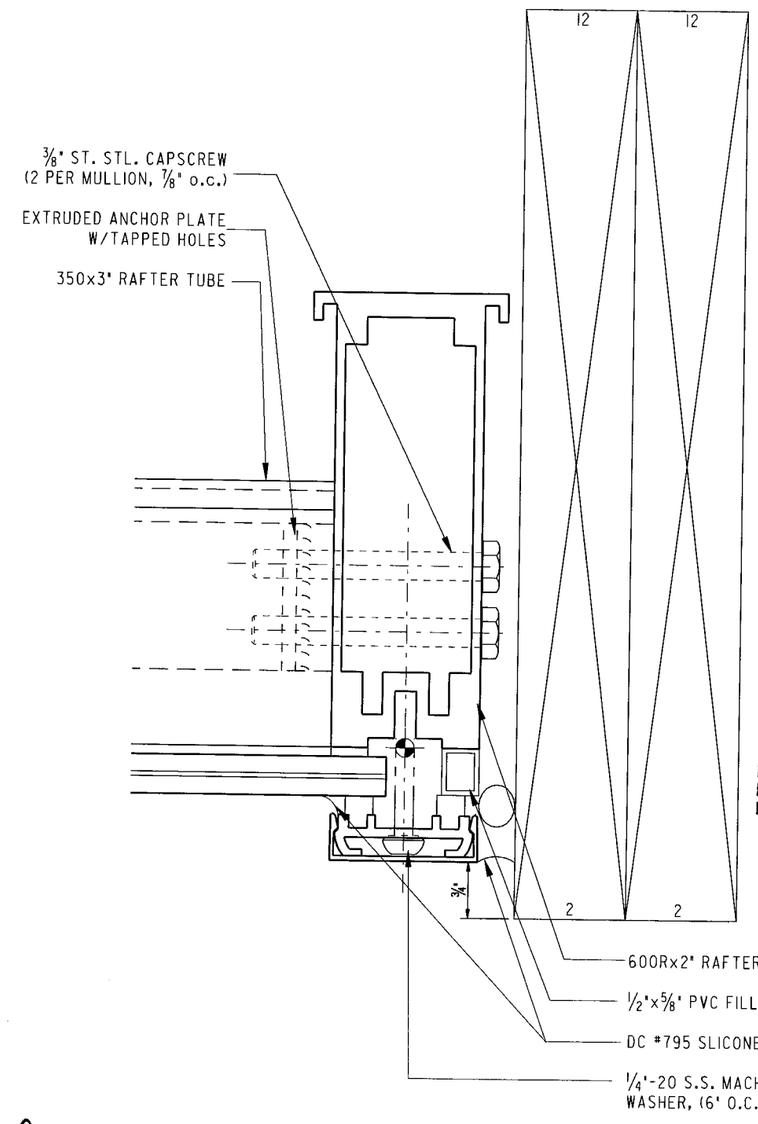
PROJECT NO. 960209

SHEET A1 OF 7



1 A1A ELEVATION (1 REQ'D)

1½" = 1' - 0"



2 A1A END RAFTER SECTION

FULL SCALE

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No 08-1114.13
Expiration Date 12/24/2013
By Helena A. Melo
Miami Dade Product Control Division

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By Helena A. Melo
Miami Dade Product Control Division

Jared S Baum
11-15-02

GLASS DRAWINGS:

23735M - LAMINATED
23736M - SENTRYGLASS

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960209A.S1

SUPER SKY

SUPER SKY PRODUCTS, INC.
10301 N. ENTERPRISE DR.
MEQUON, WISCONSIN 53092
414-242-2000

REVISIONS

6 11/14/02 CH
3 PER SSPI 10/12/98 JK
4 PER SSPI 11/17/98 JK
5 AS TESTED 03/3/99 RN

PRODUCT CONTROL REF. NO. 96-0035

PROJECT
MOCK-UP - DADE COUNTY PRODUCT APPROVAL

DADE COUNTY, FL

ENGINEER:
DAVE BARRON CONSULTING ENG.

MEQUON, WI

TEST LABORATORY

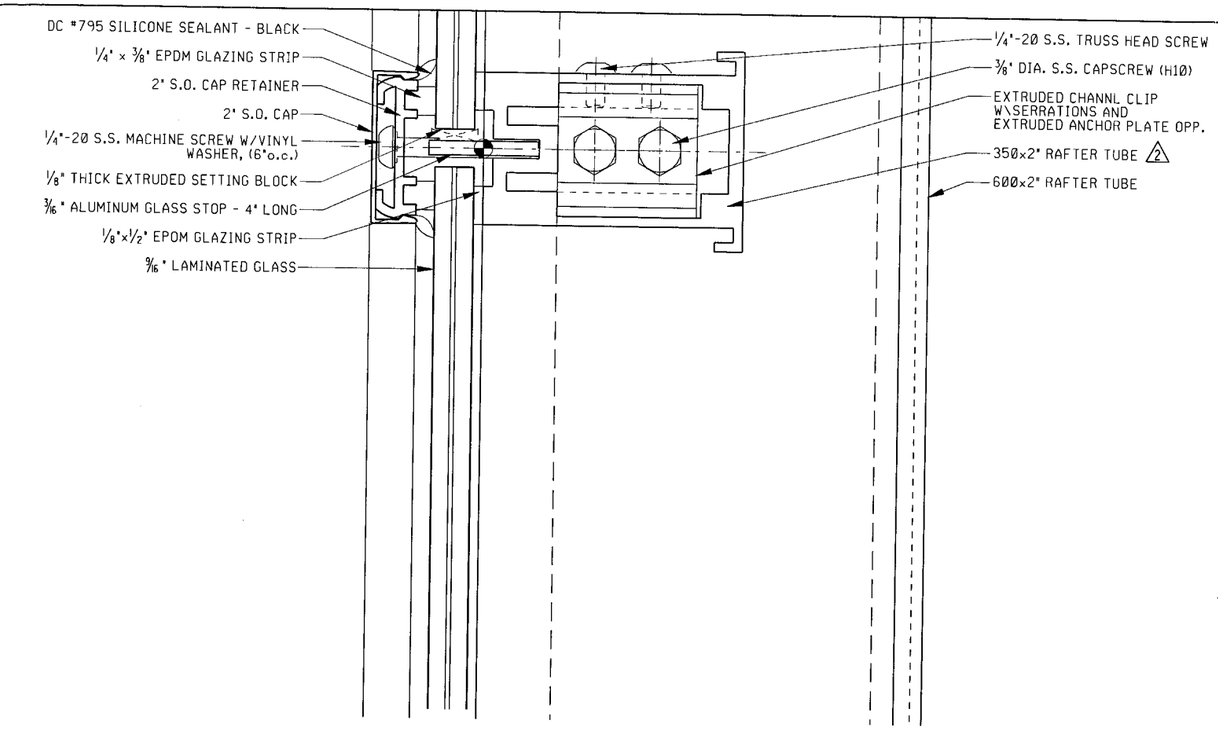
TITLE
ELEVATION & END RAFTER SECTION

DRAWN BY	DATE
MEB	10/02/98

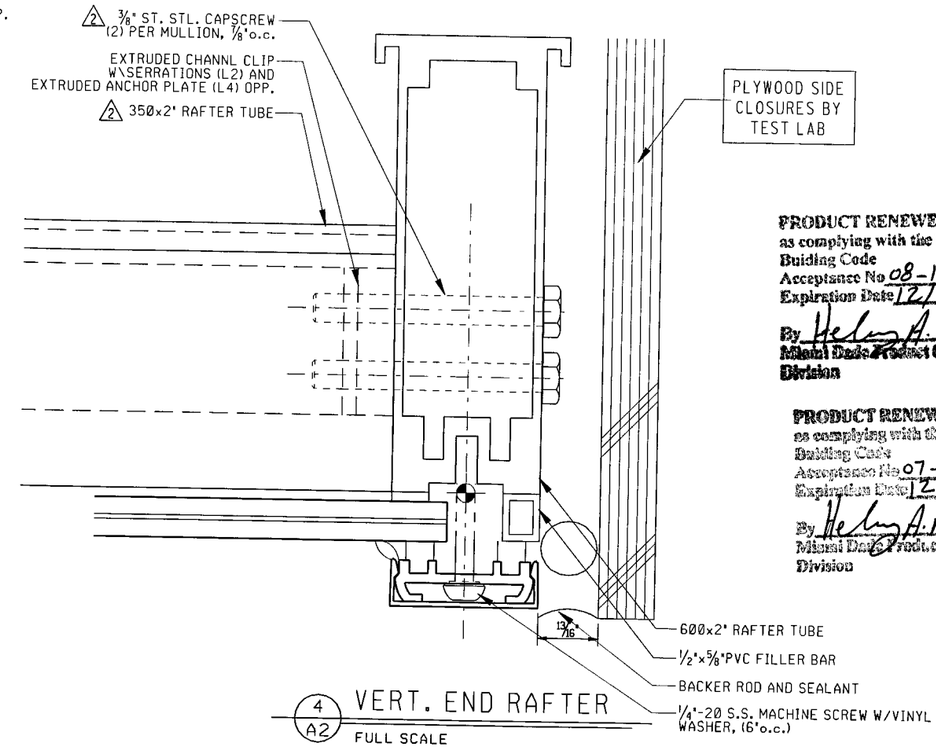
SCALE	APPROVAL
AS NOTED	1(DP)

PROJECT NO. 960209

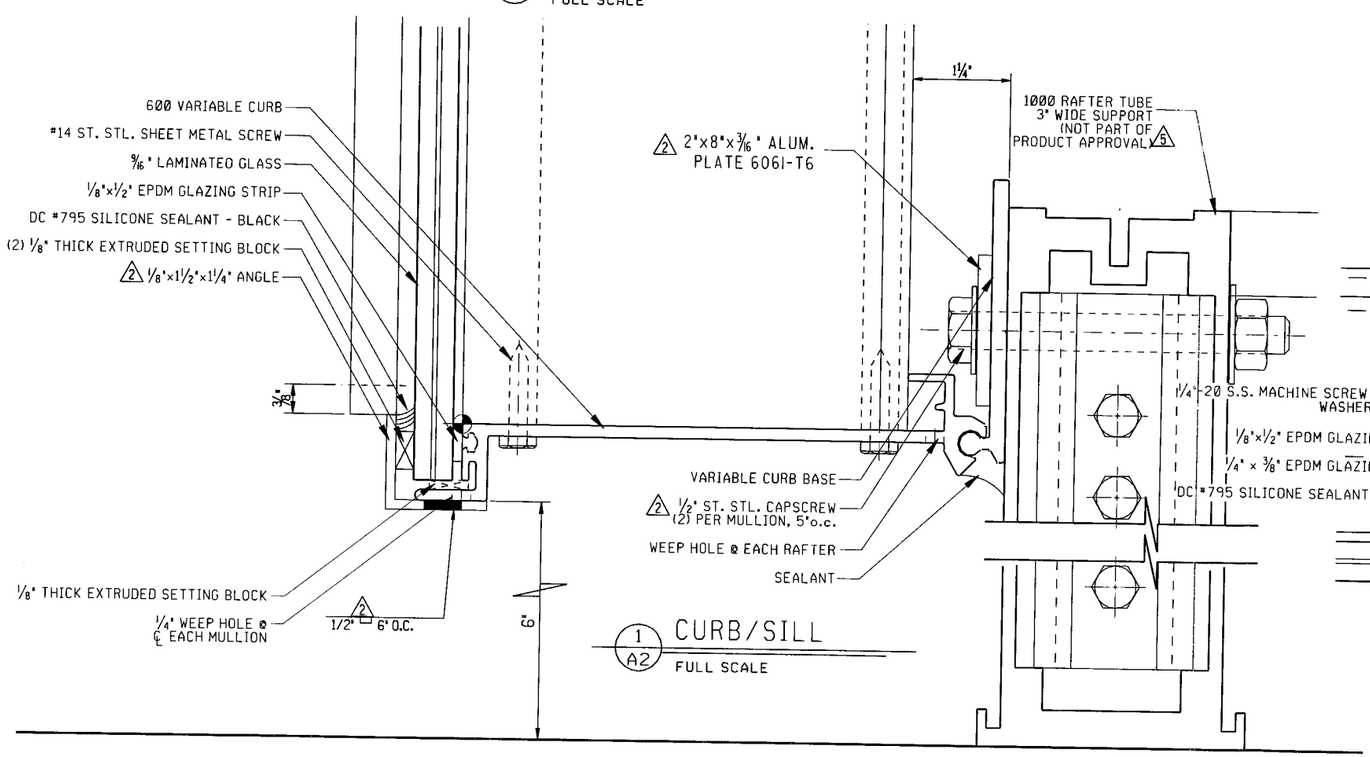
SHEET A1A OF 7



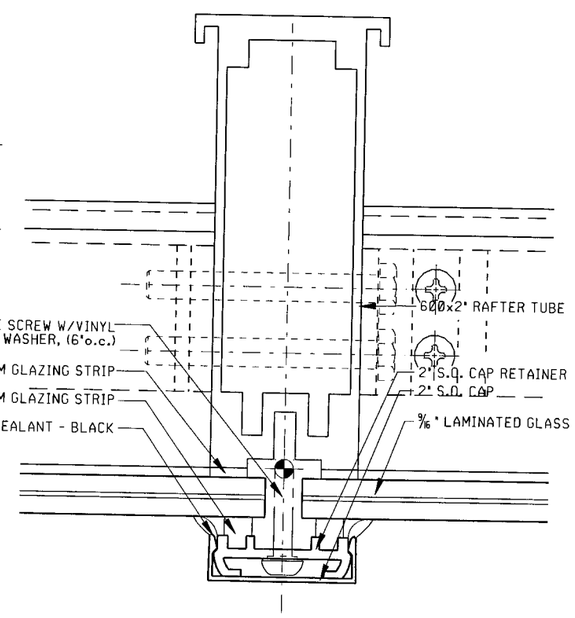
2 A2 CROSSBAR SECTION
FULL SCALE



4 A2 VERT. END RAFTER
FULL SCALE



1 A2 CURB/SILL
FULL SCALE



3 A2 VERT. RAFTER
FULL SCALE

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No 08-1114.13
Expiration Date 12/24/2013
By Helmy A. Makar
Miami Dade Product Control Division

PRODUCT RENEWED
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By Helmy A. Makar
Miami Dade Product Control Division

DADE COUNTY USE

PRODUCT REVISED
as complying with the Florida Building Code
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Expiration Date 12/24/2007
By Helmy A. Makar
Miami Dade Product Control Division

ENGINEER STAMP

David S Barron
11-15-02

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960209A.S1

SUPER SKY

SUPER SKY PRODUCTS, INC.
10301 N. ENTERPRISE DR.
MEQUON, WISCONSIN 53092
414-242-2000

6 11/14/02 CH

REVISIONS
1 PER SSPI 02/11/98 MEB
2 PER CALCS 03/20/98 MEB
3 PER SSPI 10/12/98 JK
4 PER SSPI 11/17/98 JK
5 AS TESTED 03/3/99 RN

PRODUCT CONTROL REF. NO. 96-0035

PROJECT
MOCK-UP - DADE COUNTY PRODUCT APPROVAL

DADE COUNTY, FL

ENGINEER:
DAVE BARRON CONSULTING ENG.

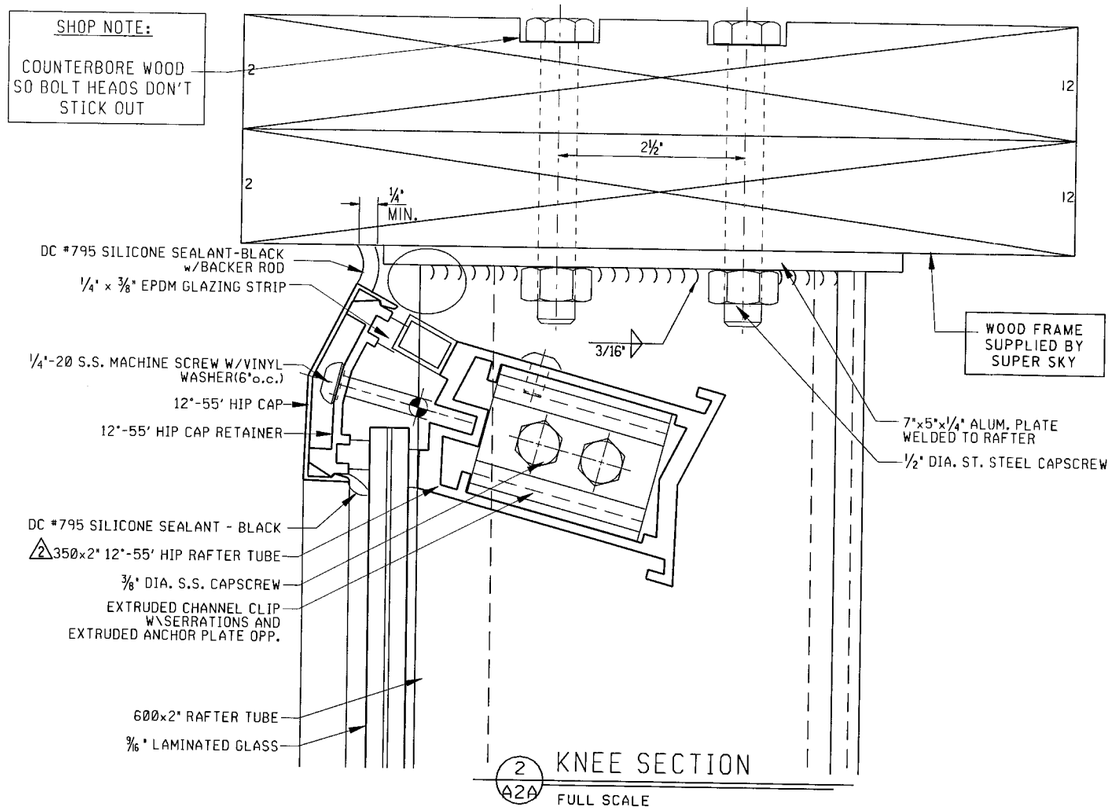
MEQUON, WI

TEST LABORTORY

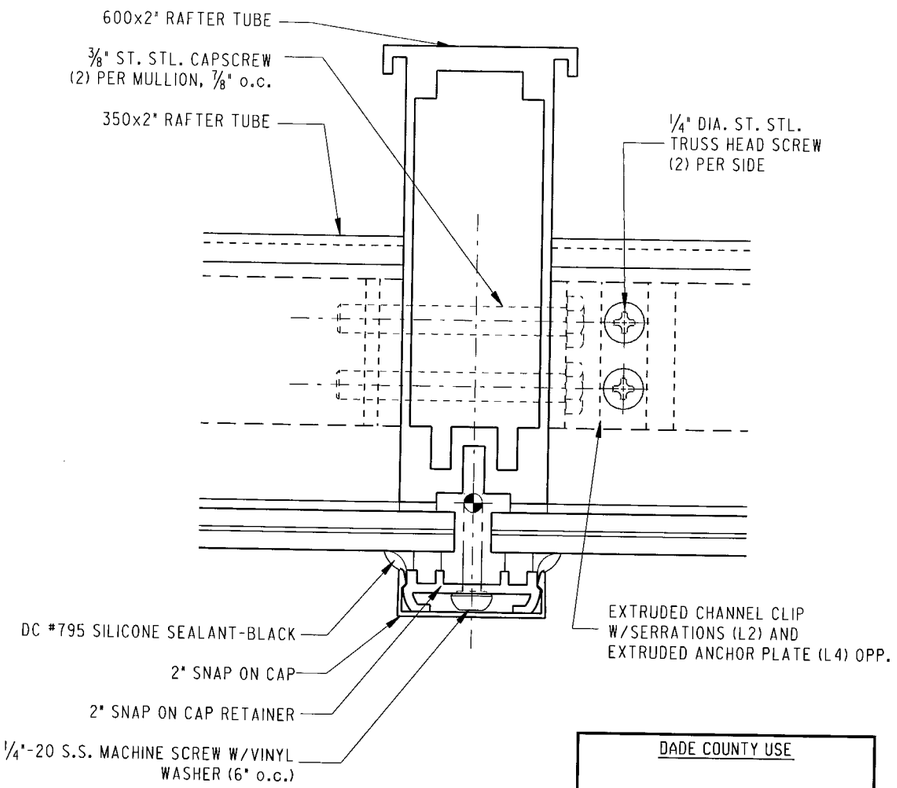
TITLE
SECTION DETAILS

DRAWN BY	DATE
JG2	02/14/97
SCALE	APPROVAL
FULL	1(DP)
PROJECT NO.	
960209	

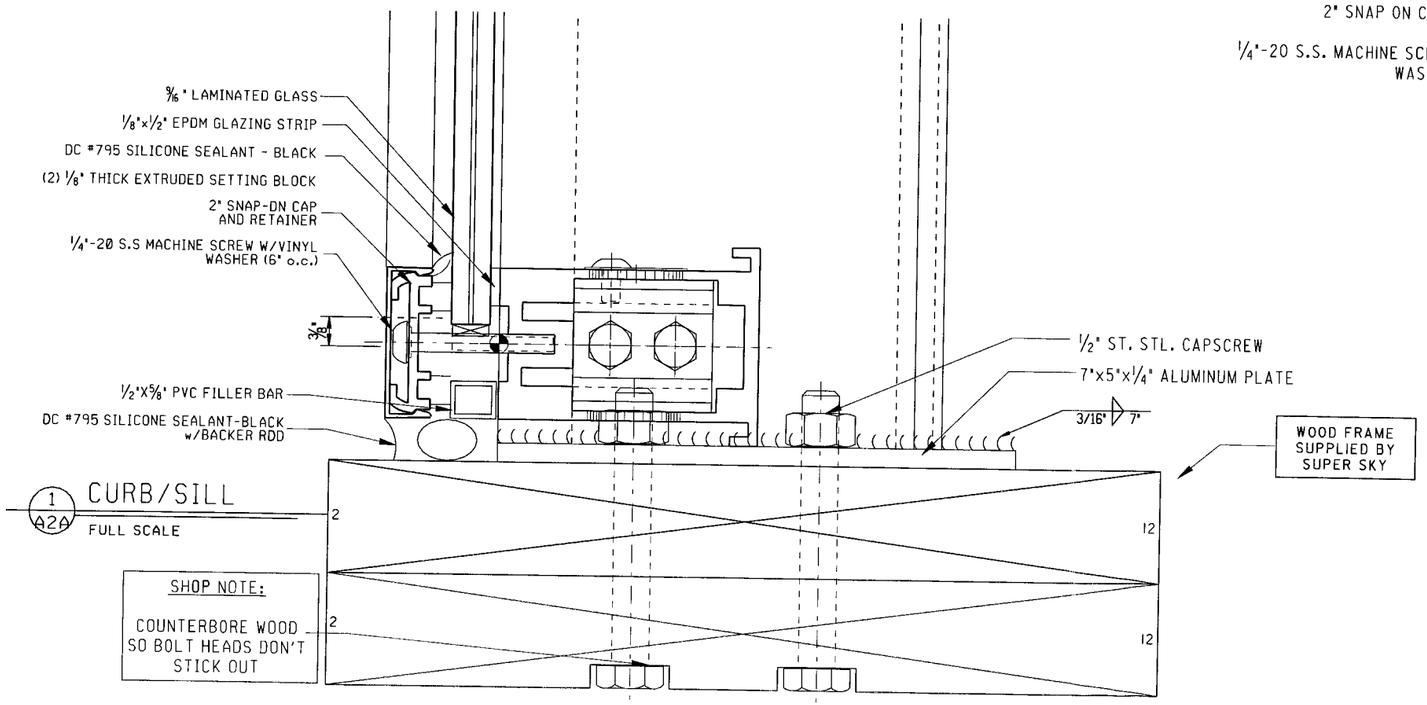
SHEET A2 OF 7



2 A2A KNEE SECTION
FULL SCALE



3 A2A RAFTER SECTION
FULL SCALE



1 A2A CURB/SILL
FULL SCALE

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No 07-1017.08
Expiration Date 12/24/2008
By [signature]
Miami Dade Product Control Division

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No 08-1114.13
Expiration Date 12/24/2013
By [signature]
Miami Dade Product Control Division

DADE COUNTY USE

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 02-1009.06
Expiration Date 12/24/2007
By [signature]
Miami Dade Product Control Division

ENGINEER STAMP

[signature]
11-15-02

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960209A.S1

SUPER SKY

SUPER SKY PRODUCTS, INC.
10301 N. ENTERPRISE DR.
MEQUON, WISCONSIN 53092
414-242-2000

REVISIONS

6 11/14/02 CH
3 PER SSPI 10/12/98 JK
4 PER SSPI 11/17/98 JK
5 AS TESTED 03/3/99 RN

PRODUCT CONTROL REF. NO. 96-0035

PROJECT
MOCK-UP - DADE COUNTY PRODUCT APPROVAL

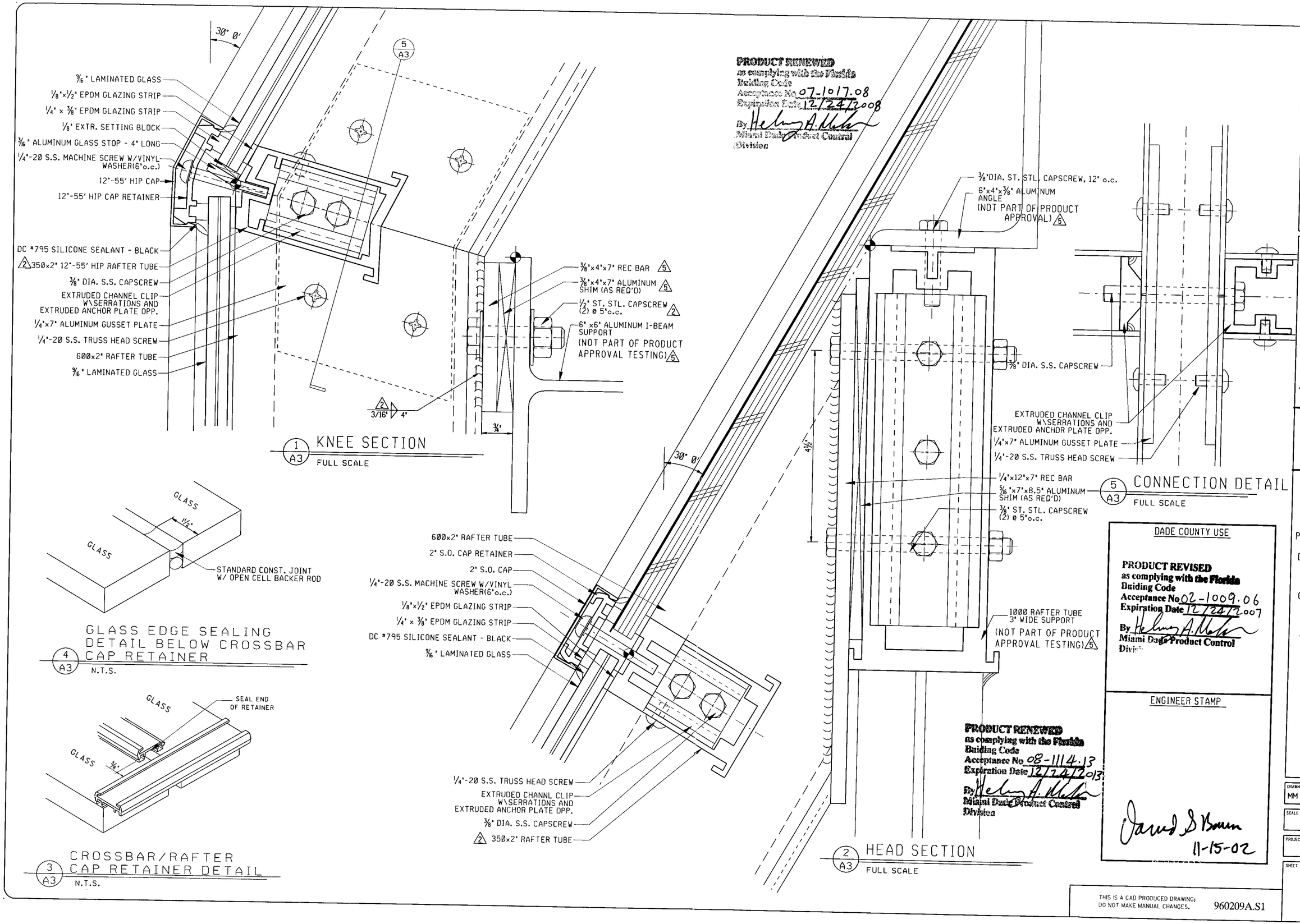
DADE COUNTY, FL
[redacted]
ENGINEER:
DAVE BARRON CONSULTING ENG.

MEQUON, WI
[redacted]
TEST LABORATORY

TITLE
KNEE, SILL, & RAFTER SECTIONS

DRAWN BY	DATE
MEB	10/02/98
SCALE	APPROVAL
FULL	1(DP)
PROJECT NO.	
960209	

SHEET
A2A
OF 7



PRODUCT RENEWED
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By Helmy A. Mahr
Miami Dade Product Control Division

PRODUCT RENEWED
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Miami Dade Product Control Division

DADE COUNTY USE

PRODUCT REVISED
as complying with the Florida Building Code
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Expiration Date 12/24/2007
By Helmy A. Mahr
Miami Dade Product Control Division

ENGINEER STAMP

David S Bowen
11-15-02

SUPER SKY

SUPER SKY PRODUCTS, INC.
10301 N. ENTERPRISE DR.
MEQUON, WISCONSIN 53092
414-242-2000

6 11/14/02 CH

REVISIONS
1 PER SSPI 02/11/98 MEB
2 PER CALCS 03/20/98 MEB
3 PER SSPI 10/12/98 JK
4 PER SSPI 11/17/98 JK
5 AS TESTED 03/03/99 RN

PRODUCT CONTROL REF. NO. 96-0035

PROJECT
MOCK-UP - DADE COUNTY PRODUCT APPROVAL

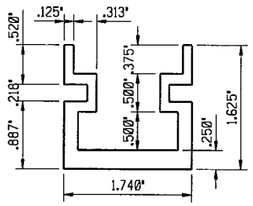
DADE COUNTY, FL
[redacted]
ENGINEER:
DAVE BARRON CONSULTING ENG.

MEQUON, WI
[redacted]
TEST LABORTORY

TITLE
SECTION DETAILS

DRAWN BY	DATE
MM	02/14/97
SCALE	APPROVAL
	1 (DP)
PROJECT NO.	960209
SHEET	A3 OF 7

THIS IS A CAD PRODUCED DRAWING; DO NOT MAKE MANUAL CHANGES. 960209A.S1

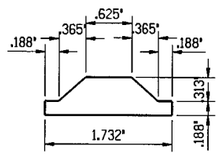


SUMMARY OF PROPERTIES

Centre of Mass [0.87,0.574716,0]
Surface area 1.0184 inch **2
Moment about X axis 0.229661 inch **4
Moment about Y axis 0.406868 inch **4
Polar moment 0.636529 inch **4
Principal Axes Rotation Angle = 0°-0'
Radii of gyration:
Polar 0.790586 inch
X axis 0.47488 inch
Y axis 0.632072 inch

Weight Per Linear Foot 1.191528 lbs
Aluminum Alloy 6061-T6

CHANNEL CLIP
FULL SCALE

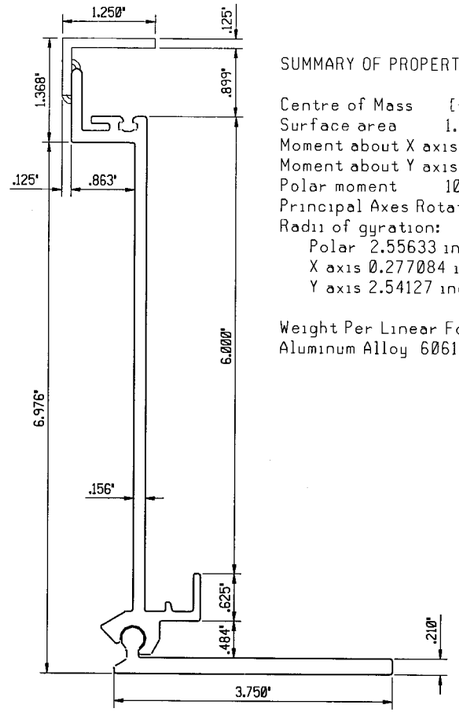


SUMMARY OF PROPERTIES

Centre of Mass [0.866,0.206789,0]
Surface area 0.635642 inch **2
Moment about X axis 0.0118681 inch **4
Moment about Y axis 0.110198 inch **4
Polar moment 0.122066 inch **4
Principal Axes Rotation Angle = -0°-0'
Radii of gyration:
Polar 0.438218 inch
X axis 0.136642 inch
Y axis 0.41637 inch

Weight Per Linear Foot 0.743701 lbs
Aluminum Alloy 6061-T6

ANCHOR PLATE
FULL SCALE

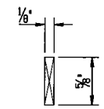


SUMMARY OF PROPERTIES

Centre of Mass [-1.35908,-0.607398,0]
Surface area 1.67688 inch **2
Moment about X axis 0.128744 inch **4
Moment about Y axis 10.8294 inch **4
Polar moment 10.9581 inch **4
Principal Axes Rotation Angle = -85°-23'
Radii of gyration:
Polar 2.55633 inch
X axis 0.277084 inch
Y axis 2.54127 inch

Weight Per Linear Foot 1.961950 lbs
Aluminum Alloy 6061-T6 5

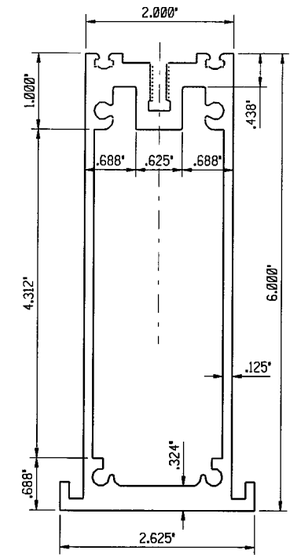
600 VARIABLE CURB
FULL SCALE



1/8"x5/8"x4" LONG SILICONE SETTING BLOCK
FULL SCALE

TYPE II SILICONE RUBBER

HARDNESS..... (SHORE A) 80 + 5 DUROMETER
COLOR..... BLACK



SUMMARY OF PROPERTIES

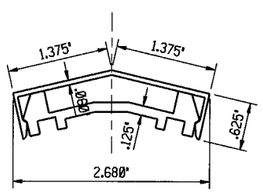
Centre of Mass [1.31252,3.04838,0]
Surface area 3.25237 inch **2
Moment about X axis 1.98402 inch **4
Moment about Y axis 16.8859 inch **4
Polar moment 18.8699 inch **4
Principal Axes Rotation Angle = 90°-0'
Radii of gyration:
Polar 2.40871 inch
X axis 0.781039 inch
Y axis 2.27857 inch

Weight Per Linear Foot 3.805273 lbs
Aluminum Alloy 6061-T6

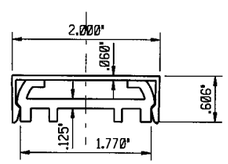
600 RAFTER TUBE
FULL SCALE

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 08-1114.13
Expiration Date 12/24/2013
By Helen A. Miller
Miami Dade Product Control
Division

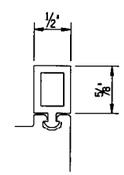
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 07-1017.08
Expiration Date 12/24/2008
By Helen A. Miller
Miami Dade Product Control
Division



HIP CAP & RETAINER
FULL SCALE

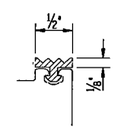


RAFTER CAP & RETAINER
FULL SCALE



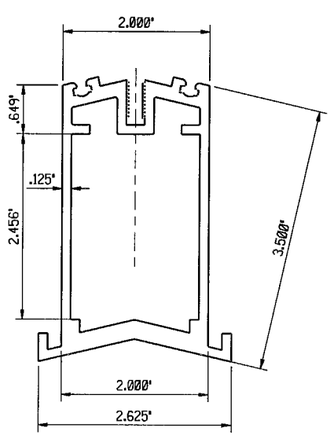
1/2"x5/8" RIGID PVC FILLER BAR
FULL SCALE

RIGID PVC #820 W/ .095" (MIN) WALL



1/8"x1/2" EPDM GLAZING STRIP
FULL SCALE

HARDNESS..... (SHORE A) 50 + 5 DUROMETER
TENSILE STRENGTH..... 800 PSI (MIN)
ELONGATION..... 300% (MIN)
TEAR, DIE B, PSI..... 65 (MIN)
COLOR..... BLACK

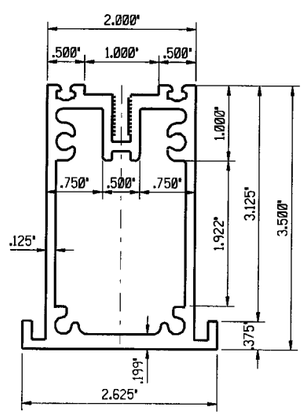


SUMMARY OF PROPERTIES

Centre of Mass [1.00003,2.12172,0]
Surface area 1.20076 in **2
Moment about X axis 0.290704 in **4
Moment about Y axis 2.31602 in **4
Polar moment 2.60673 in **4
Principal Axes Rotation Angle = 90^-0'
Radii of gyration:
Polar 1.4734 in
X axis 0.492037 in
Y axis 1.38881 in

Weight Per Linear Foot 1.404889 lbs
Aluminum Alloy 6061-T6

350 HIP TUBE
FULL SCALE

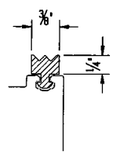


SUMMARY OF PROPERTIES

Centre of Mass [1.31246,1.7169,0]
Surface area 2.12343 in **2
Moment about X axis 1.2925 in **4
Moment about Y axis 3.52933 in **4
Polar moment 4.82184 in **4
Principal Axes Rotation Angle = -90^-0'
Radii of gyration:
Polar 1.50691 in
X axis 0.780183 in
Y axis 1.28922 in

Weight Per Linear Foot 2.484413 lbs
Aluminum Alloy 6061-T6

350 RAFTER TUBE
FULL SCALE



1/4"x3/8" EPDM GLAZING STRIP
FULL SCALE

HARDNESS..... (SHORE A) 50 + 5 DUROMETER
TENSILE STRENGTH..... 800 PSI (MIN)
ELONGATION..... 300% (MIN)
TEAR, DIE B, PSI..... 65 (MIN)
COLOR..... BLACK

DADE COUNTY USE

PRODUCT REVISED
as complying with the Florida
Buiding Code
Acceptance No 02-1009.06
Expiration Date 12/24/2007
By Helen A. Miller
Miami Dade Product Control
Division

ENGINEER STAMP

David S Barron
11-15-02

THIS IS A CAD PRODUCED DRAWING; DO NOT MAKE MANUAL CHANGES.

960209A.S1

SUPER SKY

SUPER SKY PRODUCTS, INC.
10301 N. ENTERPRISE DR.
MEQUON, WISCONSIN 53092
414-242-2000

6 11/14/02 CH

REVISIONS
1 PER SSPI 02/11/98 MEB
2 PER CALCS 03/20/98 MEB
3 PER SSPI 10/12/98 JK
4 PER SSPI 11/17/98 JK
5 AS TESTED 03/03/99 RN

PRODUCT CONTROL REF. NO. 96-0035

PROJECT
MOCK-UP - DADE COUNTY PRUDUCT APPROVAL

DADE COUNTY, FL

ENGINEER:
DAVE BARRON CONSULTING ENG.

MEQUON, WI

TEST LABORTORY

TITLE
CROSSBAR SECTION

DRAWN BY	DATE
JG2	02/14/97
SCALE	APPROVAL
FULL	1 (DP)
PROJECT NO.	
960209	

SHEET A4 OF 7