



**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)

**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 – Large and Small Missile

APPROVAL DOCUMENT: Drawing No. 960209, titled “ Super Sky’s Standard Tubular Skylight Glazing System ”, sheets B, B1, B1A, B2, B2A, B3, and B4 of 7, prepared by David S. Barron, P.E., last revision #6 dated November 14, 2002 bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and 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 revises & renews NOA # 99-0610.02 & consists of this page 1 & approval document mentioned above. The submitted documentation was reviewed by **Helmy A. Makar, P.E.**

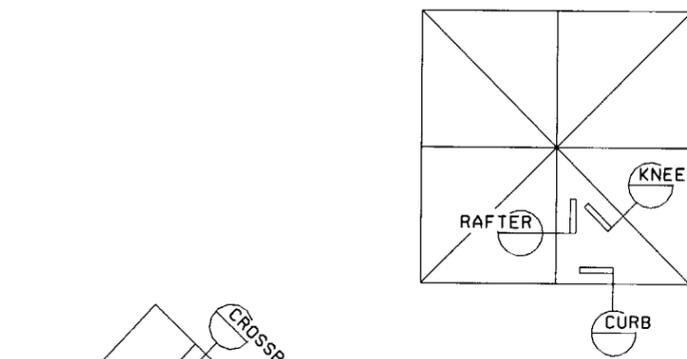


**NOA No 02-1009.05
Expiration Date: 11/18/2007
Approval Date: 12/12/2002
Page 1**

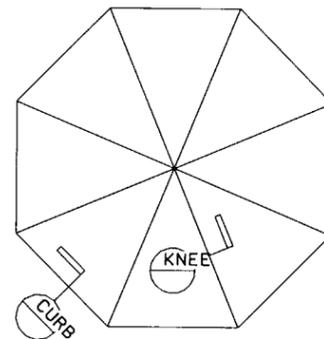
SUPER SKY'S STANDARD TUBULAR SKYLIGHT SYSTEM

- 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 BI-B4. 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.
- 2) **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 SPECIMENS AS SHOWN ON SHEETS BI-B4 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.

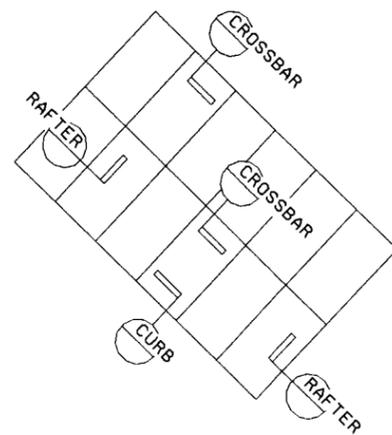
EXAMPLES OF THESE SKYLIGHT TYPES ARE SHOWN BELOW.



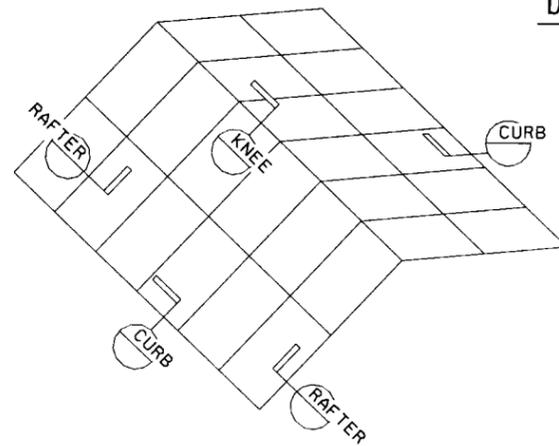
PYRAMID



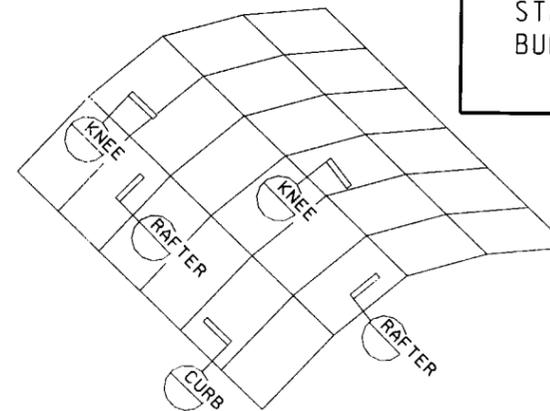
DOME



SINGLE PITCH



RIDGE



VAULT

SUPER SKY'S STANDARD TUBULAR SKYLIGHT GLAZING SYSTEM

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

STANDARD DETAILS TESTED:

1. CURB (SEE DETAIL 1/B2)
2. RAFTER (SEE DETAIL 3/B2)
3. CROSSBAR (SEE DETAIL 2/B2)
4. KNEE [HIP] (SEE DETAIL 1/B3)

PLEASE SEE DRAWINGS BI-B4, INCLUDING B1A AND B2A FOR COMPLETE SPECIFICATIONS OF THE MOCK-UPS TESTED.

GENERAL NOTES:

- 1) THIS SYSTEM IS APPROVED FOR: DESIGN PRESSURES UP TO ± 80 PSF
- 2) GLASS TYPE TESTED:
 3/16" CLEAR SENTRY GLASS PLUS LAMINATED BY VIRACON, INC. CONSISTING OF:
 1/4" HEAT STRENGTHENED GLASS
 .090" SENTRY GLASS PLUS INTERLAYER
 MIAMI-DADE COUNTY PRODUCT CONTROL APPROVAL NO. 98-0608.03
 1/4" HEAT STRENGTHENED GLASS
- 3) LARGE MISSILE IMPACT TESTED. THIS GLASS PRODUCT IS APPROVED FOR USE FROM GRADE UP TO 30', OR HIGHER IF DESIRED.
- 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 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 3/16" 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.



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

REVISIONS
 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

DADE COUNTY USE

ENGINEER STAMP

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 02-1009.05
 Expiration Date 11/18/2007
 By *Helmut A. M...*
 Miami Dade Product Control
 Division

David S Barron
 11-1502

DRAWN BY GM DATE 03/3/99

SCALE --- APPROVAL 1 (DP)

PROJECT NO. 960209

SHEET B1-B4 B1A B2A

B
 OF 7



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

11/14/02 CH

- REVISIONS
- △ PER SSPI 02/11/98 MEB
 - △ PER CALCS 03/20/98 MEB
 - △ PER SSPI 10/12/98 JK
 - △ PER SSPI 11/17/98 JK
 - △ 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

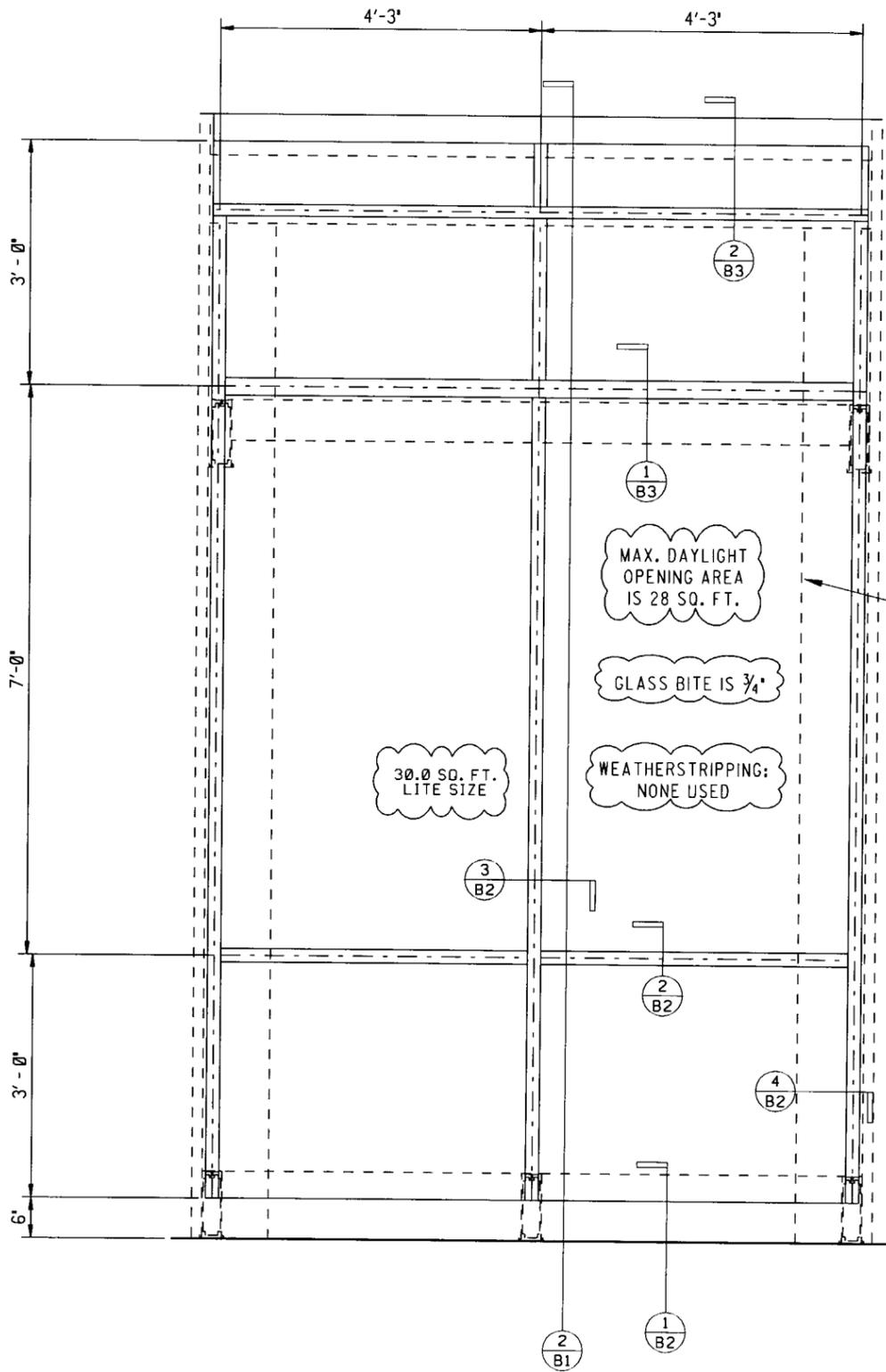
DRAWN BY: JG2 DATE: 02/14/97

SCALE: AS NOTED APPROVAL: 1 (DP)

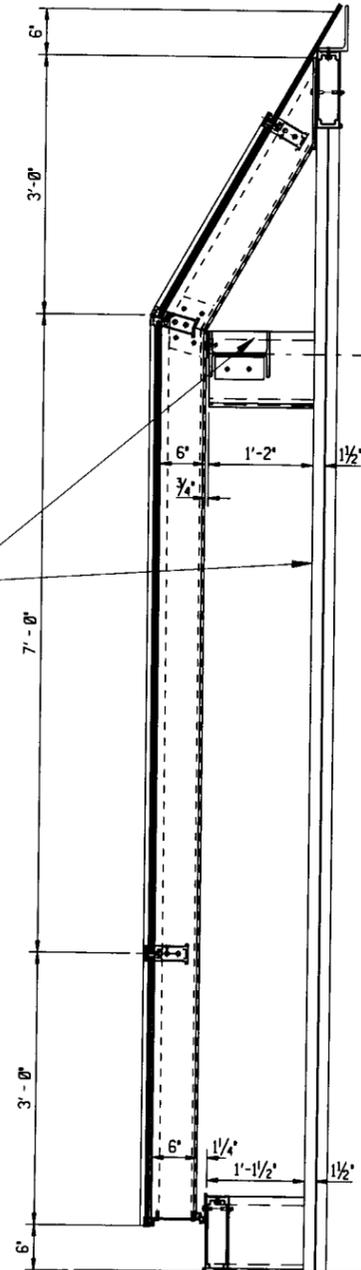
PROJECT NO.: 960209

SHEET

B1
 OF 7



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



1 ELEVATION (1 REQ'D)
 B1 1'-1'-0"

2 THRU-SECTION
 B1 1'-1'-0"

DADE COUNTY USE

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 02-1009.05
 Expiration Date 11/18/2007
 By *Helmut A. Barron*
 Miami Dade Product Control
 Division

ENGINEER STAMP

David S Barron
 11-15-02



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

REVISIONS

- 11/14/02 CH
- PER SSPI 10/12/98 JK
- PER SSPI 11/17/98 JK
- 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

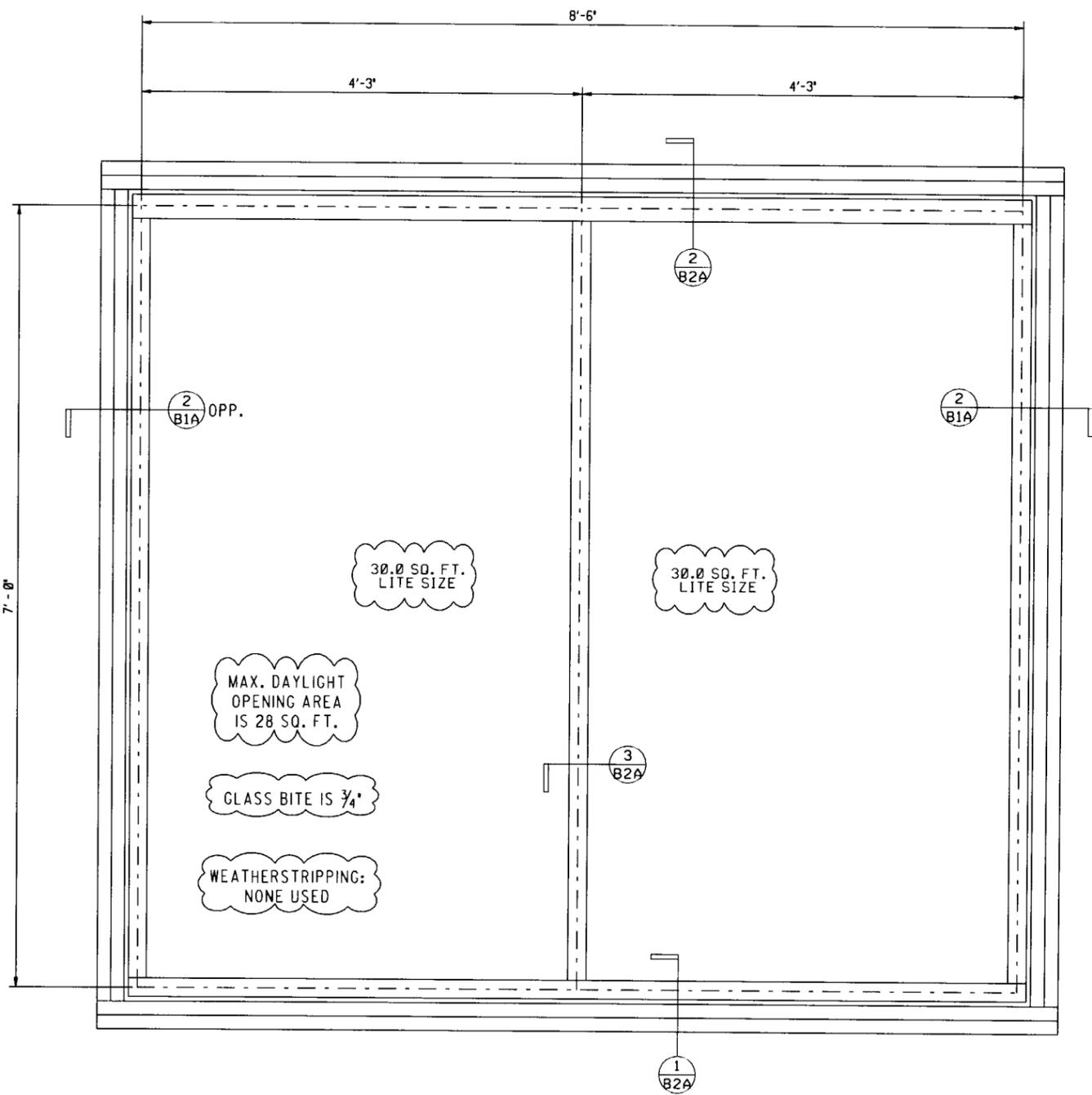
TITLE ELEVATION & END RAFTER SECTION

DRAWN BY MEB DATE 10/02/98

SCALE AS NOTED APPROVAL 1 (DP)

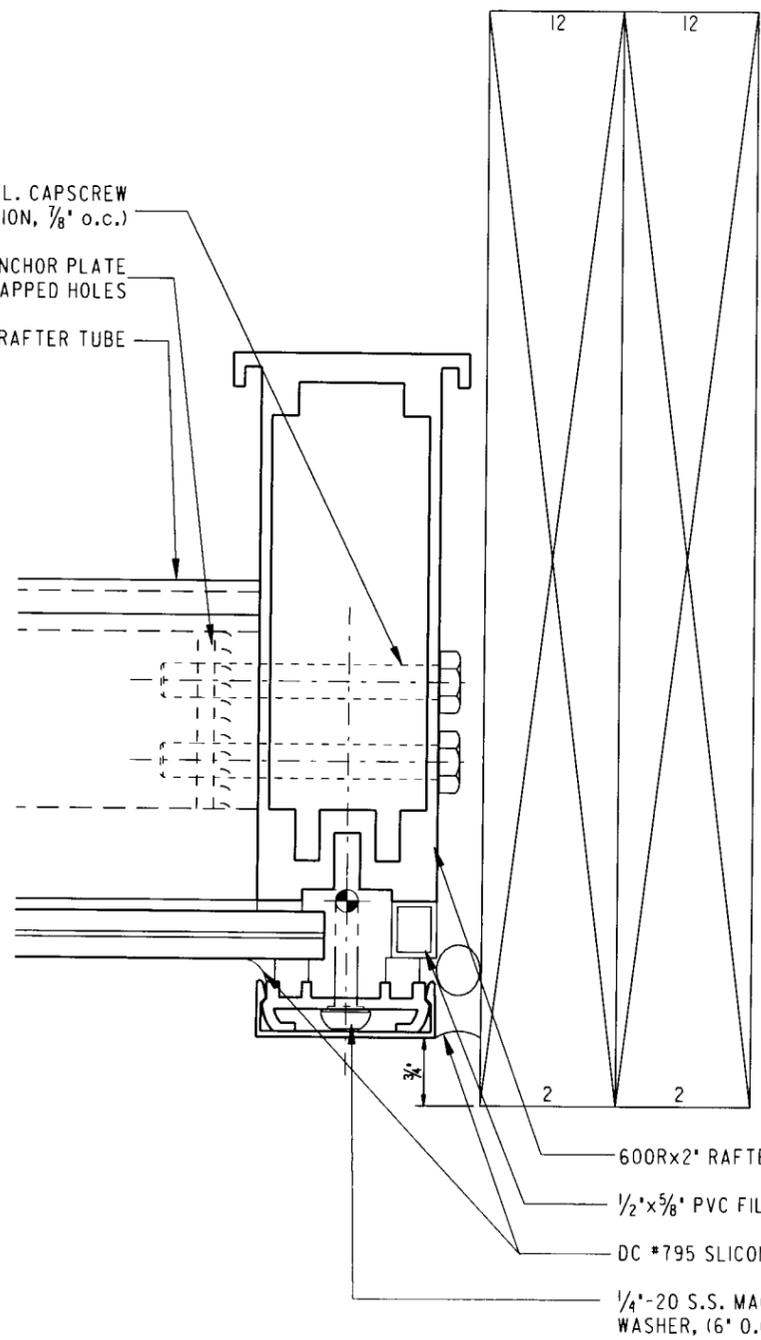
PROJECT NO. 960209

SHEET **B1A** OF 7



1 ELEVATION (1 REQ'D)
 B1A 1/2" = 1' - 0"

3/8" ST. STL. CAPSCREW (2 PER MULLION, 7/8" O.C.)
 EXTRUDED ANCHOR PLATE W/TAPPED HOLES
 350x3" RAFTER TUBE

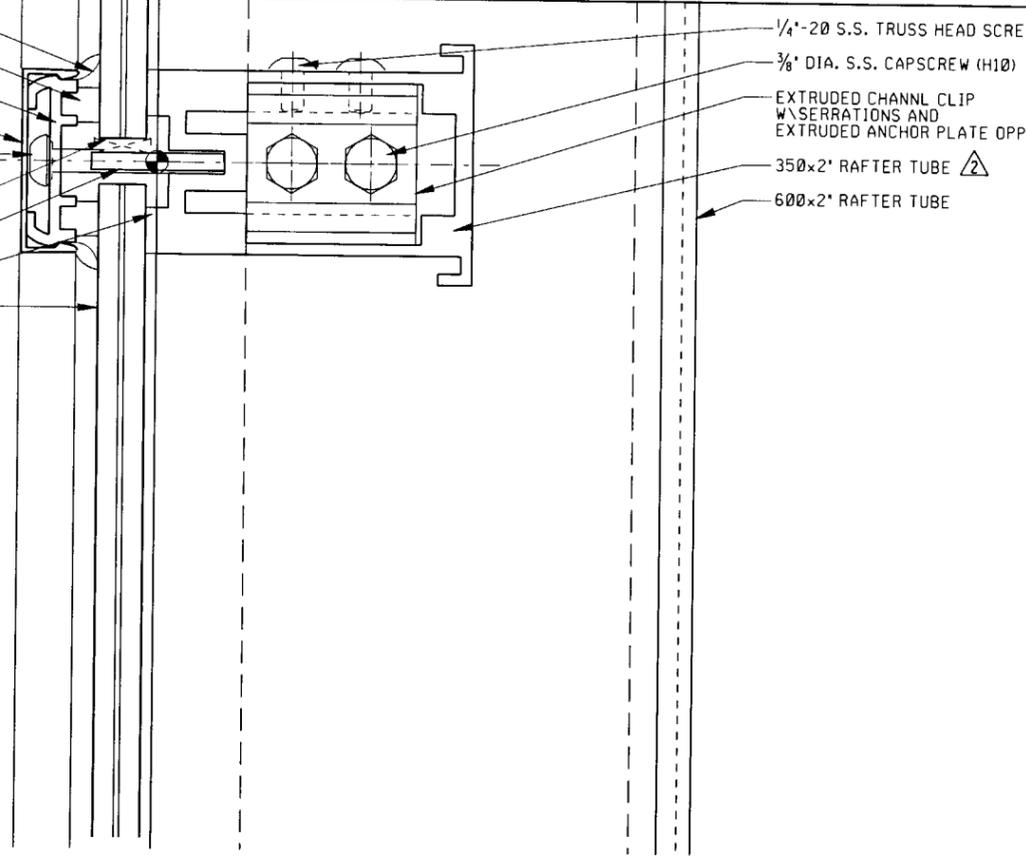


2 END RAFTER SECTION
 B1A FULL SCALE

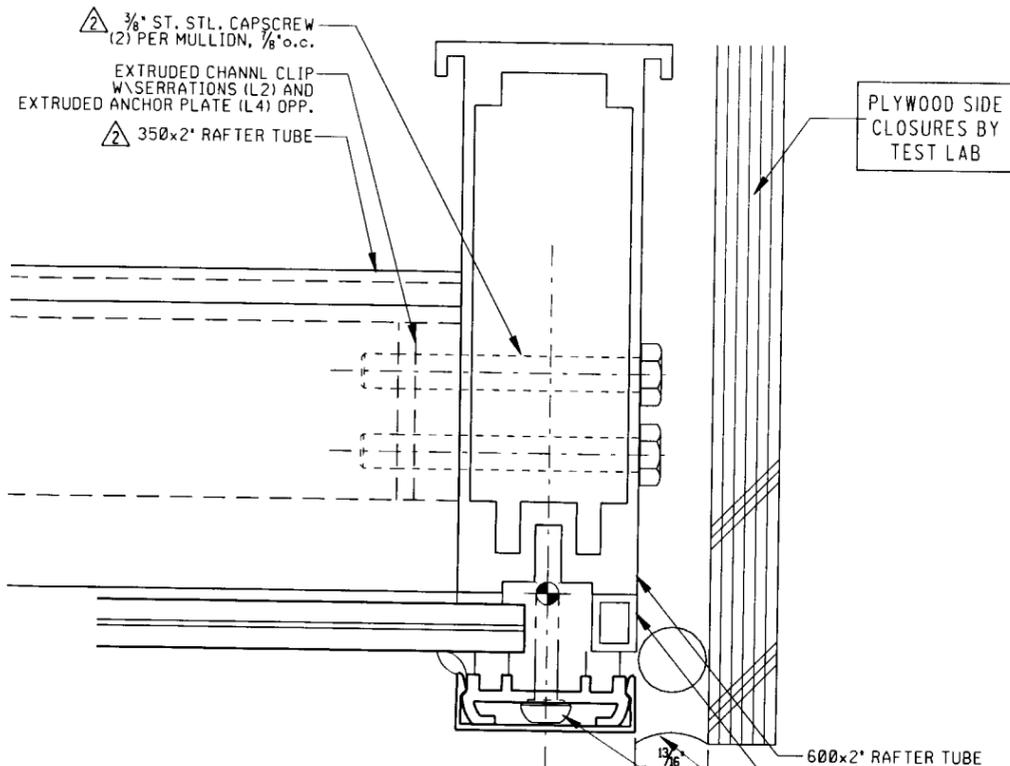
PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No 02-1009.05
 Expiration Date 11/18/2007
 By *Helmut A. Mahr*
 Miami Dade Product Control Division

David D Barron
 1115-02

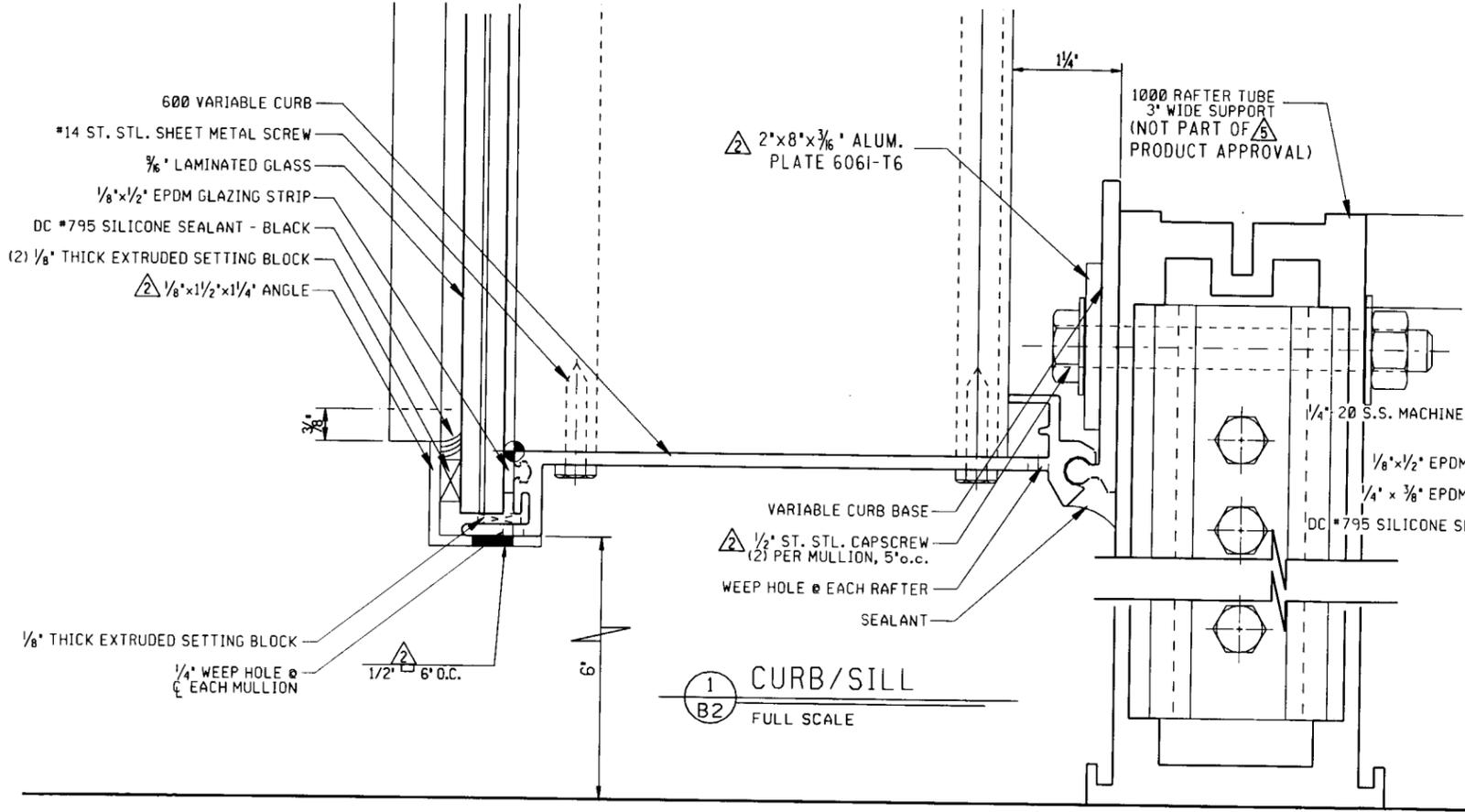
- DC #795 SILICONE SEALANT - BLACK
- 1/4" x 3/8" EPDM GLAZING STRIP
- 2" S.O. CAP RETAINER
- 2" S.O. CAP
- 1/4"-20 S.S. MACHINE SCREW W/VINYL WASHER, (6" o.c.)
- 1/8" THICK EXTRUDED SETTING BLOCK
- 3/16" ALUMINUM GLASS STOP - 4" LONG
- 1/8" x 1/2" EPDM GLAZING STRIP
- 3/16" LAMINATED GLASS



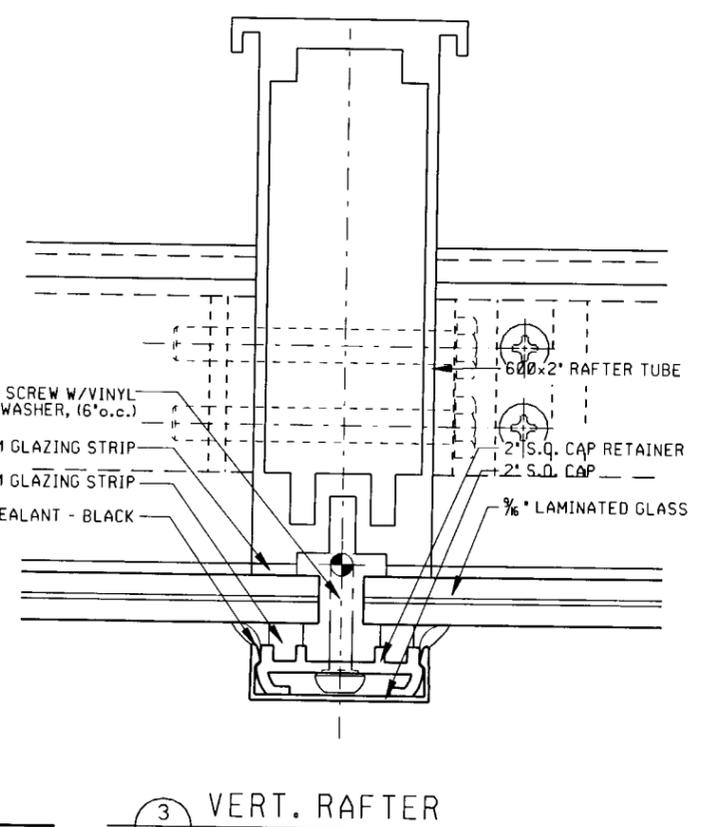
2 CROSSBAR SECTION
B2 FULL SCALE



4 VERT. END RAFTER
B2 FULL SCALE



1 CURB/SILL
B2 FULL SCALE



3 VERT. RAFTER
B2 FULL SCALE



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

11/14/02 CH

- REVISIONS
- PER SSPI 02/11/98 MEB
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 - PER SSPI 10/12/98 JK
 - PER SSPI 11/17/98 JK
 - 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

DADE COUNTY USE

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 02-1009.05
Expiration Date 11/18/2007

By *Helmut A. Nelson*
Miami Dade Product Control Division

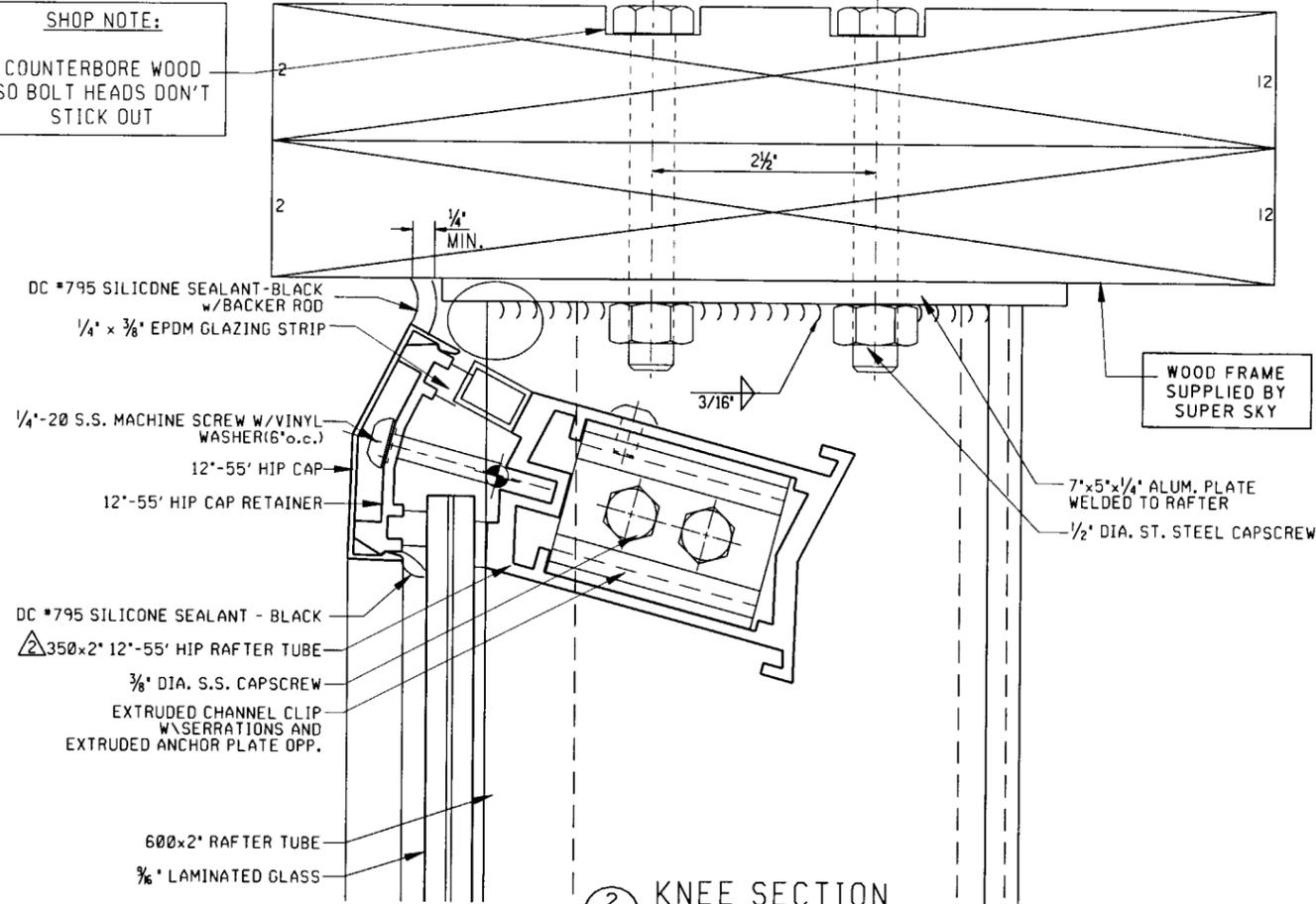
ENGINEER STAMP

James D. Baum
11-15-02

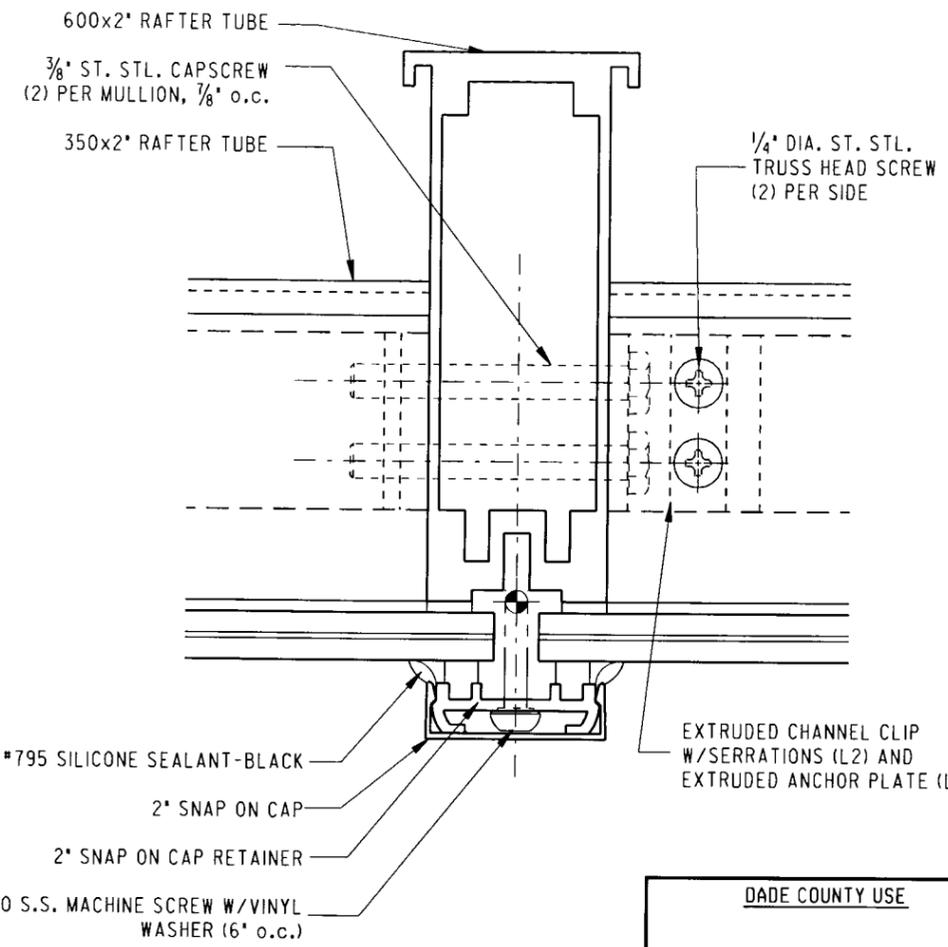
TITLE SECTION DETAILS

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

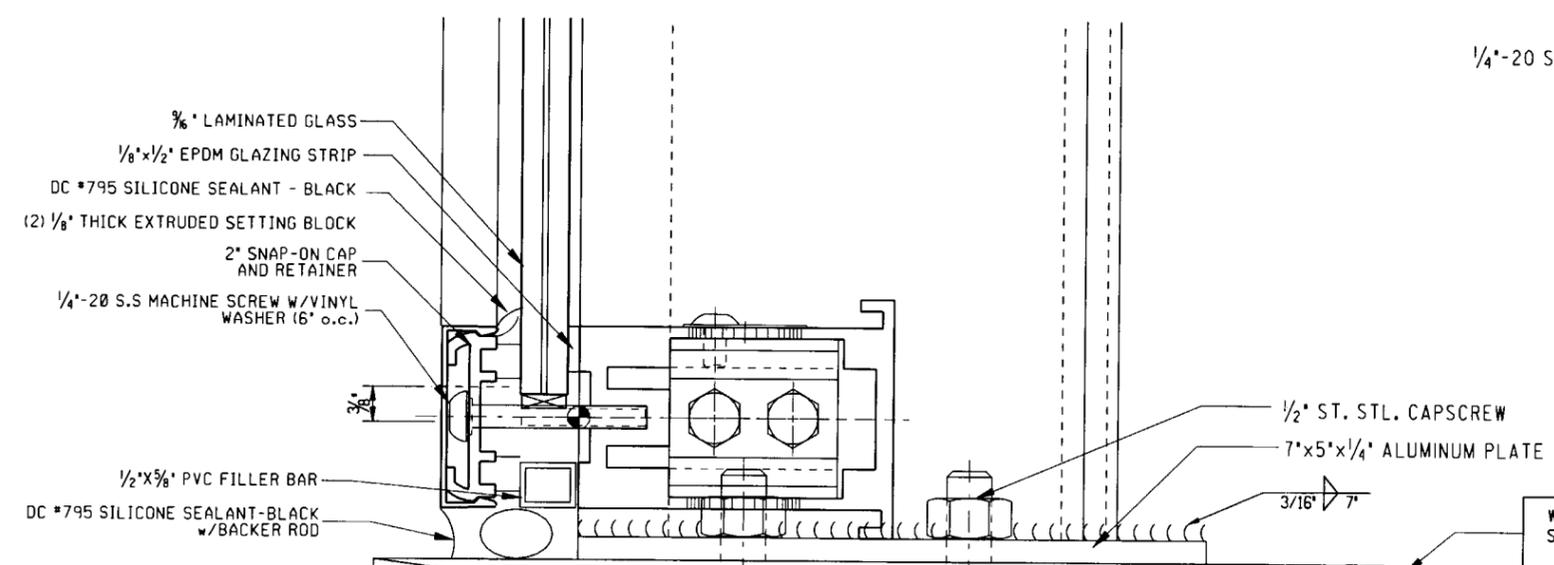
SHOP NOTE:
COUNTERBORE WOOD
SO BOLT HEADS DON'T
STICK OUT



2 KNEE SECTION
B2A FULL SCALE

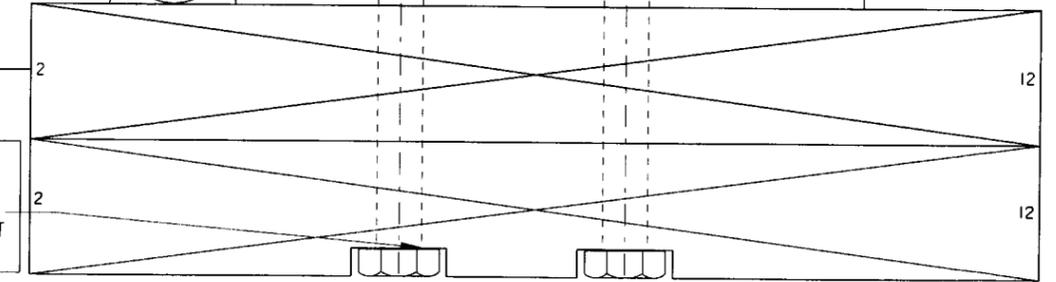


3 RAFTER SECTION
B2A FULL SCALE



1 CURB/SILL
B2A FULL SCALE

SHOP NOTE:
COUNTERBORE WOOD
SO BOLT HEADS DON'T
STICK OUT



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

| REVISIONS | |
|-----------|----------------------|
| △ | 11/14/02 CH |
| △ | PER SSPI 10/12/98 JK |
| △ | PER SSPI 11/17/98 JK |
| △ | 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
KNEE, SILL,
& RAFTER
SECTIONS

DADE COUNTY USE
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 02-1009.05
Expiration Date 11/18/2007
By *Helmy A. Maki*
Miami Dade Product Control
Division

ENGINEER STAMP
David S Barron
11-15-02

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

SHEET
B2A
OF 7



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

11/14/02 CH

| REVISIONS | |
|-----------|------------------------|
| △ | PER SSPI 02/11/98 MEB |
| △ | PER CALCS 03/20/98 MEB |
| △ | PER SSPI 10/12/98 JK |
| △ | PER SSPI 11/17/98 JK |
| △ | 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 SECTION DETAILS

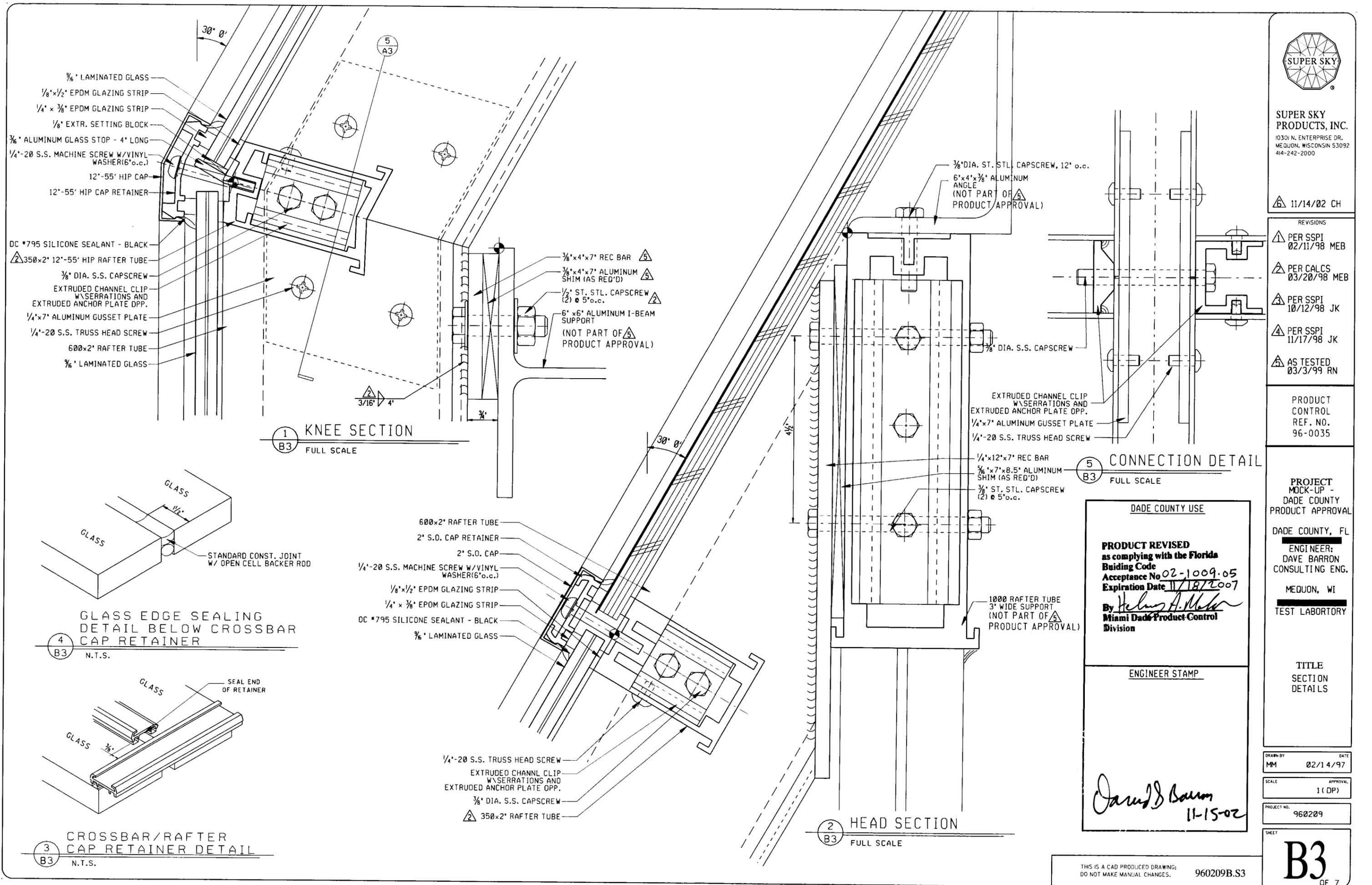
DRAWN BY DATE
 MM 02/14/97

SCALE APPROVAL
 1 (DP)

PROJECT NO. 960209

SHEET

B3
 OF 7



DADE COUNTY USE

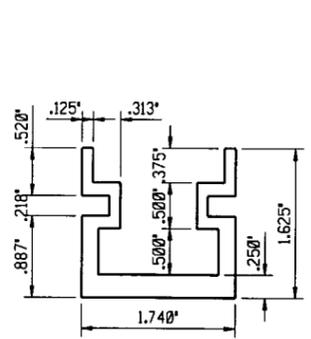
PRODUCT REVISED
 as complying with the Florida Building Code
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By *Helmut A. Moller*
 Miami Dade Product Control Division

ENGINEER STAMP

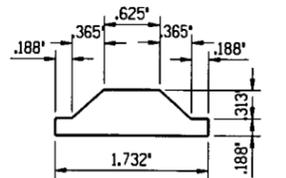
David Barron
 11-15-02

THIS IS A CAD PRODUCED DRAWING; DO NOT MAKE MANUAL CHANGES. 960209B.S3



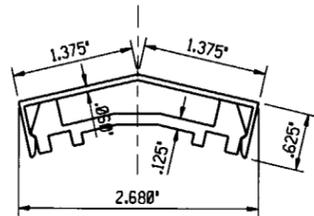
SUMMARY OF PROPERTIES
 Centre of Mass [0.87,0.574716,0]
 Surface area 1.0184 inch **2
 Moment about X axis 0.229661 inch **4
 Moment about Y axis 0.406868 inch **4
 Polar moment 0.636529 inch **4
 Principal Axes Rotation Angle = 0°-0°
 Radii of gyration:
 Polar 0.790586 inch
 X axis 0.47488 inch
 Y axis 0.632072 inch
 Weight Per Linear Foot 1.191528 lbs
 Aluminum Alloy 6061-T6

CHANNEL CLIP
 FULL SCALE

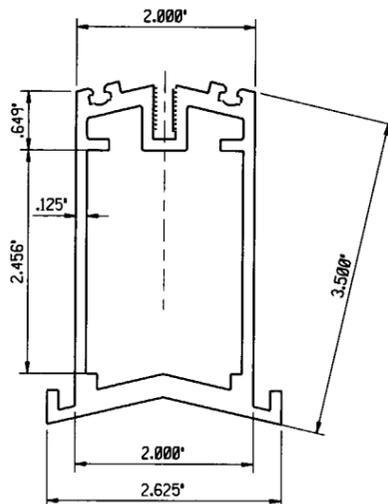


SUMMARY OF PROPERTIES
 Centre of Mass [0.866,0.206789,0]
 Surface area 0.635642 inch **2
 Moment about X axis 0.0118681 inch **4
 Moment about Y axis 0.110198 inch **4
 Polar moment 0.122066 inch **4
 Principal Axes Rotation Angle = -0°-0°
 Radii of gyration:
 Polar 0.438218 inch
 X axis 0.136642 inch
 Y axis 0.41637 inch
 Weight Per Linear Foot 0.743701 lbs
 Aluminum Alloy 6061-T6

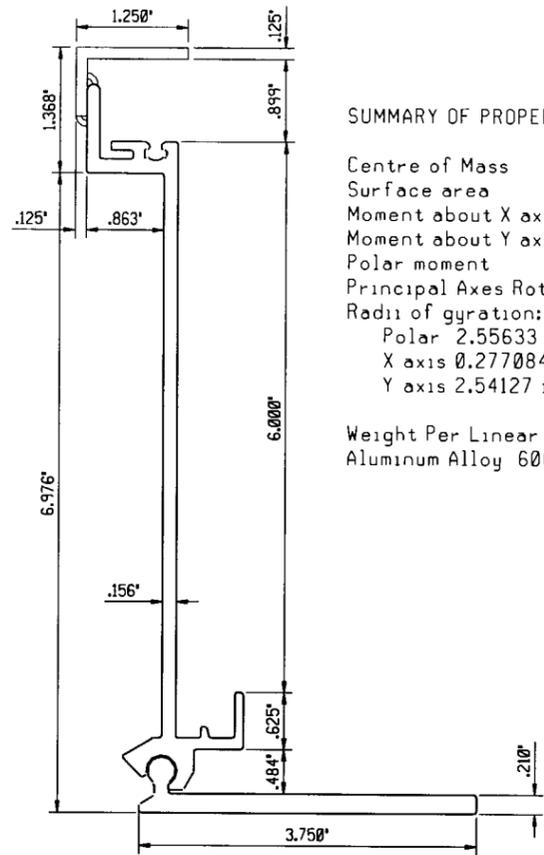
ANCHOR PLATE
 FULL SCALE



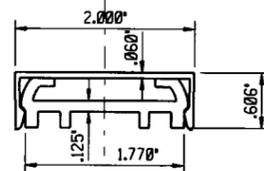
HIP CAP & RETAINER
 FULL SCALE



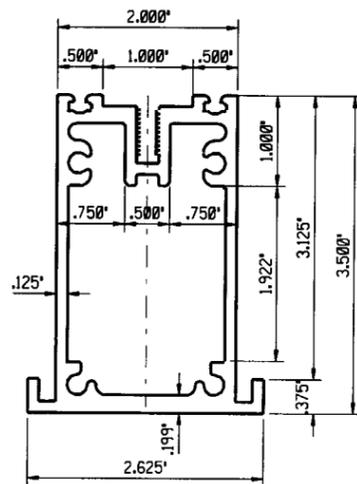
350 HIP TUBE
 FULL SCALE



600 VARIABLE CURB
 FULL SCALE



RAFTER CAP & RETAINER
 FULL SCALE



350 Rafter Tube
 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

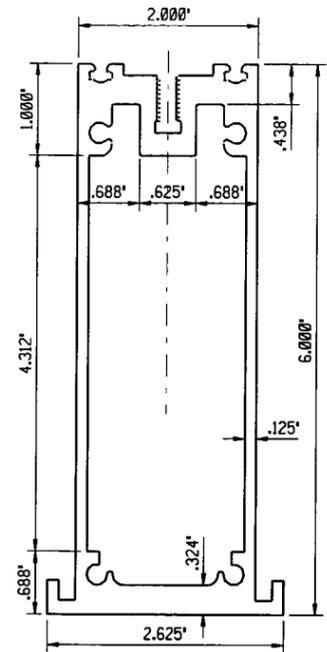
1/8" x 5/8" x 4" LONG SILICONE SETTING BLOCK
 FULL SCALE

TYPE II SILICONE RUBBER
 HARDNESS..... (SHORE A) 80 + 5 DUROMETER
 COLOR..... BLACK

1/2" x 5/8" RIGID PVC FILLER BAR
 FULL SCALE

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

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



600 Rafter Tube
 FULL SCALE

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

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

HARDNESS..... (SHORE A) 50 + 5 DUROMETER
 TENSILE STRENGTH..... 800 PSI (MIN)
 ELONGATION..... 300% (MIN)
 TEAR, DIE 8, PSI..... 65 (MIN)
 COLOR..... BLACK

1/4" x 3/8" EPDM GLAZING STRIP
 FULL SCALE

HARDNESS..... (SHORE A) 50 + 5 DUROMETER
 TENSILE STRENGTH..... 800 PSI (MIN)
 ELONGATION..... 300% (MIN)
 TEAR, DIE 8, PSI..... 65 (MIN)
 COLOR..... BLACK



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

11/14/02 CH

- REVISIONS
- PER SSPI 02/11/98 MEB
 - PER CALCS 03/20/98 MEB
 - PER SSPI 10/12/98 JK
 - PER SSPI 11/17/98 JK
 - AS TESTED 03/3/99 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

DADE COUNTY USE

PRODUCT REVISED as complying with the Florida Bidding Code
 Acceptance No 02-1009.05
 Expiration Date 11/18/2007

By *Helmut A. Mohr*
 Miami Dade Product Control Division

ENGINEER STAMP

David Barron
 11-15-02

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

SHEET **B4** OF 7