



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Super Sky Products Enterprises, LLC
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 and accepted by Miami-Dade County RER- Product Control Section 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 Section (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. RER reserves the right to revoke this acceptance if it is determined by Miami-Dade County Product Control Section 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 Impact

APPROVAL DOCUMENT: Drawing No. 1996-0209, sheets B, B1, B1A, B2, B2A, B3, and B4 of 7, last revision #10 dated November 28, 2023, and Drawing No. 20150223, sheets ML, ML1 through ML6 of 6, last revision #2 dated April 10, 2024, titled "Super Sky's Standard Tubular Skylight System", prepared, signed and sealed by Michael Ryer, P.E., on April 22, 2024, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

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 and renews** NOA #21-0930.13 and consists of this page 1, evidence submitted pages E-1, E-2, E-3, E-4, E-5 & E-6 as well as approval document mentioned above.

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



Helmy A. Makar
05/16/24

NOA No. 24-0105.02
Expiration Date: 05/16/2029
Approval Date: 05/16/2024
Page 1

Super Sky Products Enterprises, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 99-0610.02

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 B, B1, B1A, B2, B2A, B3, and B4 of 7, signed and sealed by David S. Barron, P.E.*

B. TESTS

1. *Test report on Large 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. 0161-0207-99, dated 02/16/99, 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, Large 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 # 02-1009.05

A. DRAWINGS

1. *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 signed and sealed by David S. Barron, P.E.*

B. TESTS

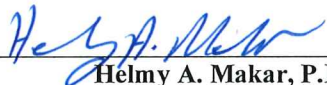
1. *None.*

C. CALCULATIONS

1. *None.*

D. MATERIAL CERTIFICATIONS

1. *None.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 24-0105.02
Expiration Date: 05/16/2029
Approval Date: 05/16/2024

Super Sky Products Enterprises, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #07-1017.07

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. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 08-1114.14

A. DRAWINGS

1. *None.*

B. TESTS

1. *Test report on Large 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.*

5. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 11-0811.06

A. DRAWINGS

1. *None.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 24-0105.02
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Permitting, Environment, and Regulatory Affairs.*

E. MATERIAL CERTIFICATIONS

1. *None.*

F. OTHERS

1. *Letter of Compliance with the Florida Building Code, 2010 Edition, issued by Mr. David S. Barron, P.E., dated Feb. 10, 2012, signed and sealed by Mr. David S. Barron, P.E.*
2. *Bill of sales Agreement.*

6. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 13-1007.12

A. DRAWINGS

1. *None.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources (RER).*

E. MATERIAL CERTIFICATIONS

1. *None.*

F. OTHERS

1. *Letter of Compliance with the Florida Building Code, 2010 Edition, issued by Mr. David S. Barron, P.E., dated August 20, 2013, signed and sealed by Mr. David S. Barron, P.E.*

7. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 15-1124.05

A. DRAWINGS

1. *None.*

B. TESTS

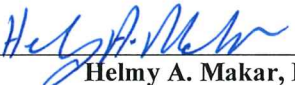
1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources (RER).*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 24-0105.02
Expiration Date: 05/16/2029
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

1. *None.*

F. OTHERS

1. *Letter of Compliance with the Florida Building Code, 2014 Edition, issued by Mr. David S. Barron, P.E., dated November 05, 2015, signed & sealed by Mr. David S. Barron, P.E.*

8. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 18-0618.04

A. DRAWINGS

1. *Drawing No. 1996-0209, titled "Super Sky's Standard Tubular Skylight System", sheets B, B1, B1A, B2, B2A, B3, and B4 of 7, prepared by David S. Barron, P.E., last revision #8 dated April 24, 2018.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources (RER).*

E. MATERIAL CERTIFICATIONS

1. *None.*

F. OTHERS

1. *Letter of Compliance with the Florida Building Code, 2017 Edition, issued by Mr. David S. Barron, P.E., dated May 08, 2018, signed and sealed by Mr. David S. Barron, P.E.*

9. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 18-0823.02

A. DRAWINGS


1. *Drawing No. 1996-0209, sheets B, B1, B1A, B2, B2A, B3, and B4 of 7, last revision #8 dated April 24, 2018, and Drawing No. 20150223, sheets ML, ML1 through ML6 of 6, dated March 11, 2016, titled "Super Sky's Standard Tubular Skylight System", prepared, signed and sealed by David S. Barron, P.E., on May 08, 2018.*

B. TESTS

1. *Test report on Large Missile Impact Test, Cyclic Load Test and Uniform Static air Pressure Test on Super Sky's Skylight Systems, prepared by Intertek, Report No. 102611343MID-002BR1, dated 02/21/18, signed & sealed by Gary T. Hartman, P.E.*

C. CALCULATIONS

1. *None.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 24-0105.02
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Super Sky Products Enterprises, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources (RER).*

E. MATERIAL CERTIFICATIONS

1. *None.*

F. OTHERS

1. *Letter of Compliance with the Florida Building Code, 2017 Edition, issued by Mr. David S. Barron, P.E., dated May 08, 2018, signed and sealed by Mr. David S. Barron, P.E.*

10. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 21-0930.13

A. DRAWINGS

1. *Drawing No. 1996-0209, sheets B, B1, B1A, B2, B2A, B3, and B4 of 7, last revision #9 dated January 05, 2022, and Drawing No. 20150223, sheets ML, ML1 through ML6 of 6, last revision #1 dated January 05, 2022, titled "Super Sky's Standard Tubular Skylight System", prepared, signed and sealed by Michael Ryer, P.E., on January 06, 2022.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources (RER).*

E. MATERIAL CERTIFICATIONS

1. *None.*

F. OTHERS

1. *Letter of Compliance with the FBC, 2020 Edition, dated 09/02/21, issued, signed and sealed by Mr. Michael Ryer, P.E.*

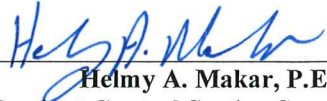
11. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. 1996-0209, sheets B, B1, B1A, B2, B2A, B3, and B4 of 7, last revision #10 dated November 28, 2023, and Drawing No. 20150223, sheets ML, ML1 through ML6 of 6, last revision #2 dated April 10, 2024, titled "Super Sky's Standard Tubular Skylight System", prepared, signed and sealed by Michael Ryer, P.E., on April 22, 2024.*

B. TESTS

1. *None.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 24-0105.02
Expiration Date: 05/16/2029
Approval Date: 05/16/2024

Super Sky Products Enterprises, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources (RER).*

E. MATERIAL CERTIFICATIONS

1. *None.*

F. OTHERS

1. *Letter of Compliance with the FBC, 2023 Edition, dated 12/19/23, issued, signed and sealed by Mr. Michael Ryer, P.E.*

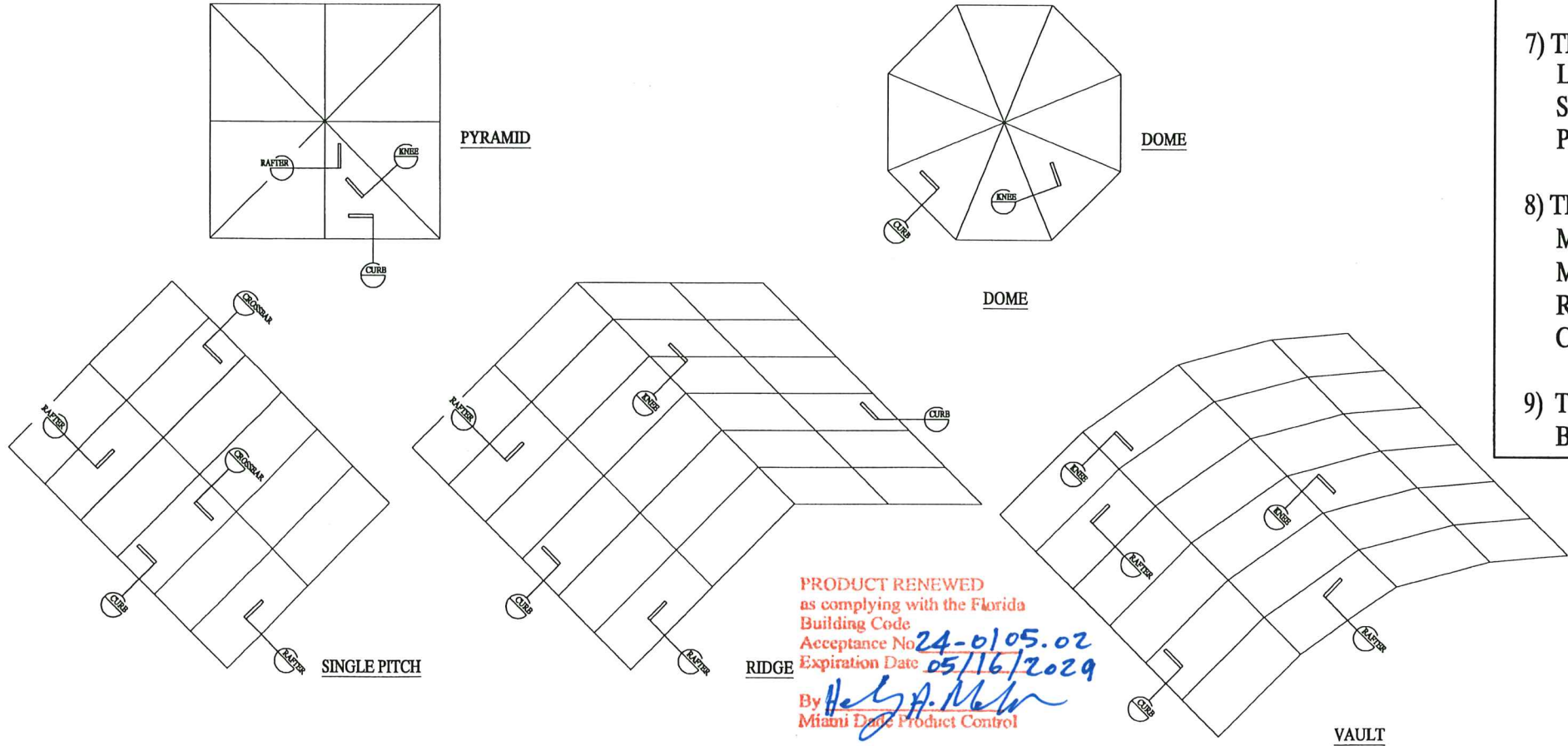


Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 24-0105.02
Expiration Date: 05/16/2029
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SUPER SKY'S STANDARD TUBULAR SKYLIGHT SYSTEM

- 1) **SYSTEM DESCRIPTION:** SUPER SKY'S STANDARD TUBULAR SKYLIGHT GLAZING SYSTEM CONSISTS OF AN EXTRUDED ALUMINUM STRUCTURAL FRAME (6005-T5), 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 B1-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 B1-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 SKYLIGHTS ARE SHOWN BELOW.



SUPER SKY'S STANDARD TUBULAR SKYLIGHT GLAZING SYSTEM

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

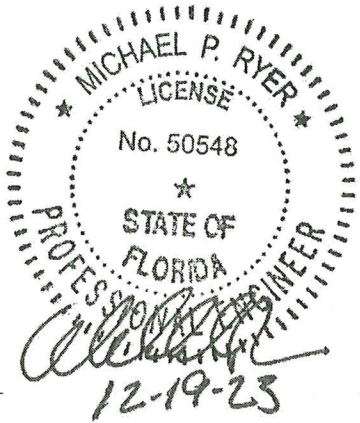
STANDARD DETAILS TESTED:

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 B1-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:
9/16" 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" CLEAR 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 THE FLORIDA BUILDING CODE 2023 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, PURRLINS, 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.
- 9) THIS SKYLIGHT SYSTEM IS IN COMPLIANCE WITH THE FLORIDA BUILDING CODE 2023 EDITION.



DADE COUNTY USE

ENGINEER STAMP

Digitally signed by Mike Ryer
DN: E=ryer@csd-eng.com,
CN=Mike Ryer,
OU=Engineering,
O=Computerized Structural
Design, S.C., L=Milwaukee,
St=Wisconsin, C=US
Reason: I am approving this
document
Contact Info: Michael P Ryer
Date: 2023.12.20
09:44:06-0600'

COMPUTERIZED STRUCTURAL DESIGN, INC.
8989 N. PORT WASHINGTON ROAD
MILWAUKEE, WI 53217 EB-0001982
MICHAEL P. RYER
P.E. #50548

GLASS DRAWING(S):

27232

CAD FILE NAME:

19960209B-D1.dwg



SUPER SKY PRODUCTS
ENTERPRISES, LLC
10001 N. ENTERPRISE DR.
MEQUON, WISCONSIN 53092
262-242-2000

REVISION

- | | | |
|----|-------------|-----|
| 6 | 11/14/02 | CH |
| 7 | REV. BORDER | BAY |
| 8 | 4/24/18 | BAY |
| 9 | PER SSPE | RN |
| 10 | PER SSPE | RN |

PRODUCT
CONTROL
REF. NO.
96-0035

PROJECT
MOCK-UP-
DADE COUNTY
PRODUCT APPROVAL
DADE COUNTY, FL
ENGINEER
MICHAEL P. RYER, P.E.

TEST LABORATORY
HURRICANE TEST LAB
RIVIERA BEACH, FL

DRAWN BY
BAY
DATE
4/26/17

SCALE
NONE
APPROVAL
(RDP)

PROJECT NO.
1996-0209

B1-B4
B1A
B2A

B

OF 7



SUPER SKY PRODUCTS
ENTERPRISES, LLC
10301 N. ENTERPRISE DR.
MEQUON, WISCONSIN 53092
262-242-2000

REVISION		
1	PER SSPI 2/11/98	MEB
2	PER CALCS 3/20/98	MEB
3	PER SSPI 10/12/98	JK
4	PER SSPI 11/17/98	JK
5	AS TESTED 3/3/99	RN
6	11/14/02	CH
7	REV. BORDER 4/27/17	BAY
8	4/24/18	BAY
9	PER SSPE 1/5/22	RN

PRODUCT
CONTROL
REF. NO.
96-0035

PROJECT
MOCK-UP-
DADE COUNTY
PRODUCT APPROVAL
DADE COUNTY, FL
ENGINEER
MICHAEL P. RYER, P.E.

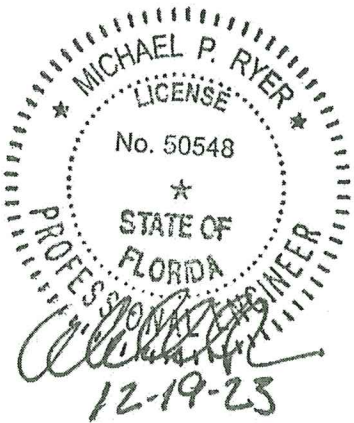
TEST LABORATORY
HURRICANE TEST LAB
RIVIERA BEACH, FL
TITLE
ELEVATION AND
THRU SECTION

DRAWN BY
BAY
DATE
4/26/17

SCALE
AS NOTED
APPROVAL
(RDP)

PROJECT NO.
1996-0209

B1
OF 7



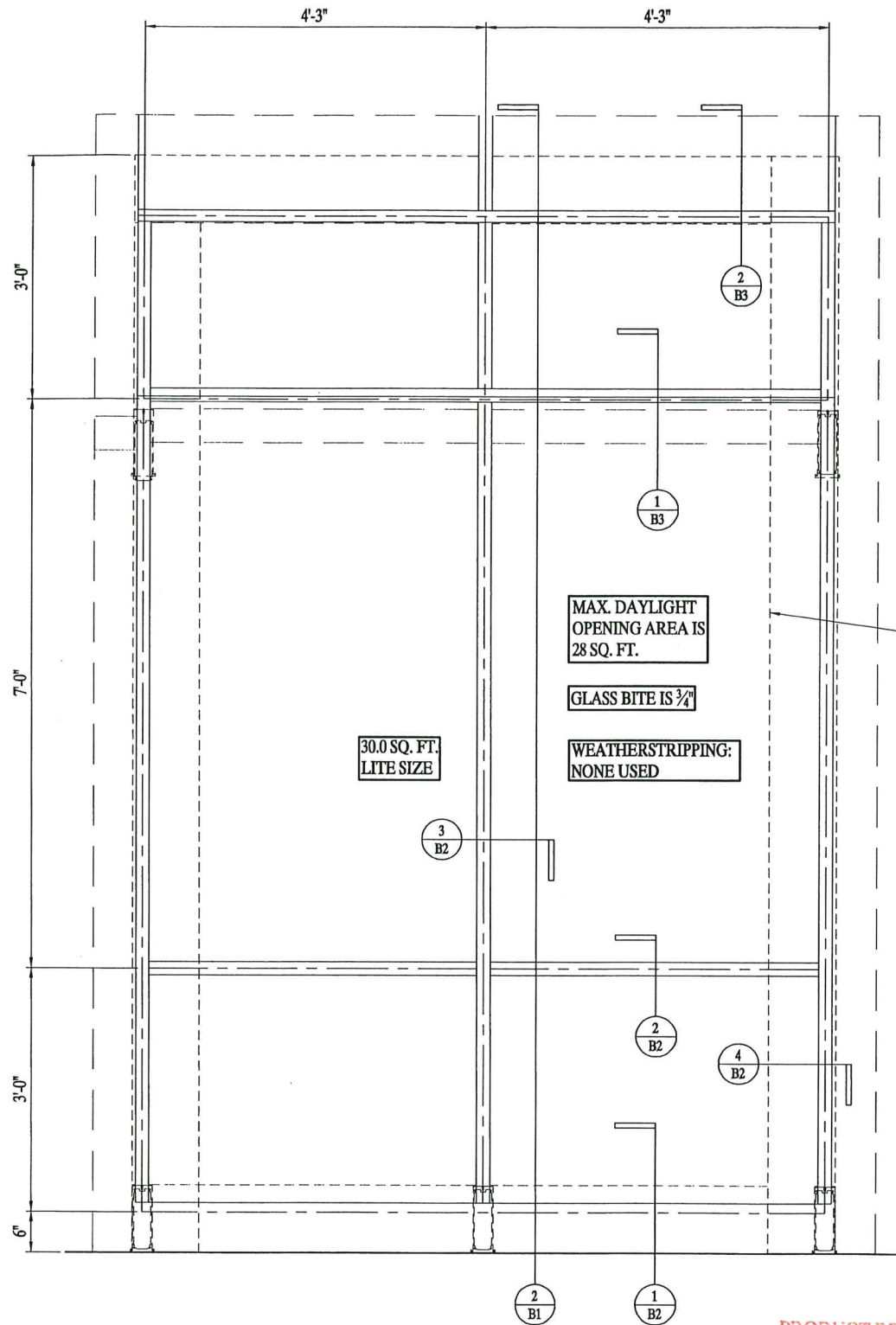
DADE COUNTY USE

ENGINEER STAMP

COMPUTERIZED STRUCTURAL DESIGN, INC.
8989 N. PORT WASHINGTON ROAD
MILWAUKEE, WI 53217 EB-0001982
MICHAEL P. RYER
P.E. #50548

CAD FILE NAME

19960209B-D1.dwg

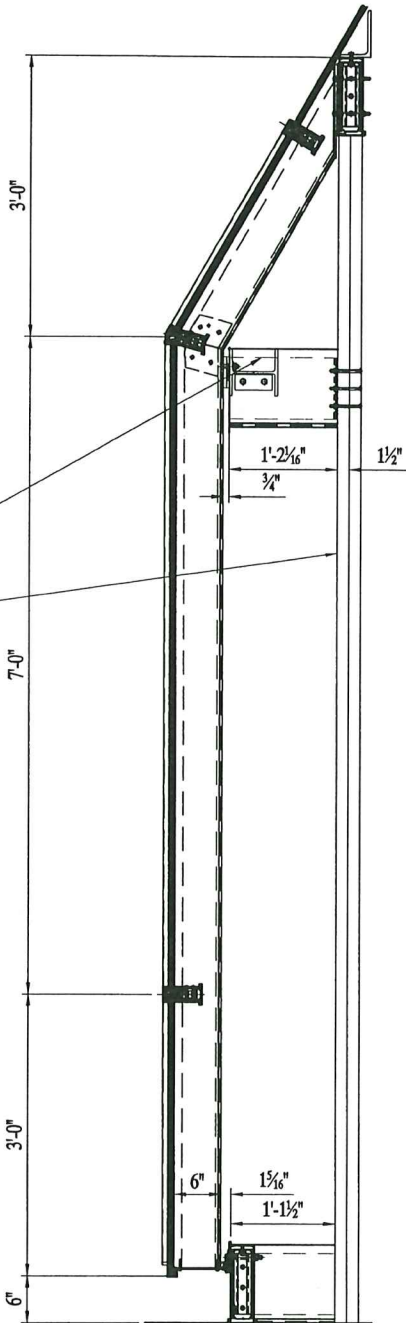


ELEVATION (1 REQ'D)

SCALE: 1" = 1'-0"

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 24-0105.02
Expiration Date 05/16/2029
By H. S. A. Miller
Miami Dade Product Control

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



THRU SECTION

SCALE: 1" = 1'-0"



SUPER SKY PRODUCTS
ENTERPRISES, LLC
10301 N. ENTERPRISE DR.
MEQUON, WISCONSIN 53092
262-242-2000

REVISION

- | | | |
|---|------------------------|-----|
| 3 | PER SSPI
10/12/98 | JK |
| 4 | PER SSPI
11/17/98 | JK |
| 5 | AS TESTED
3/3/99 | RN |
| 6 | 11/14/02 | CH |
| 7 | REV. BORDER
4/27/17 | BAY |

PRODUCT
CONTROL
REF. NO.
96-0035

PROJECT
MOCK-UP.
DADE COUNTY
PRODUCT APPROVAL
DADE COUNTY, FL
ENGINEER
MICHAEL P. RYER, P.E.

TEST LABORATORY
HURRICANE TEST LAB
RIVIERA BEACH, FL
TITLE
ELEVATION
&
END RAFTER SECTION

DADE COUNTY USE

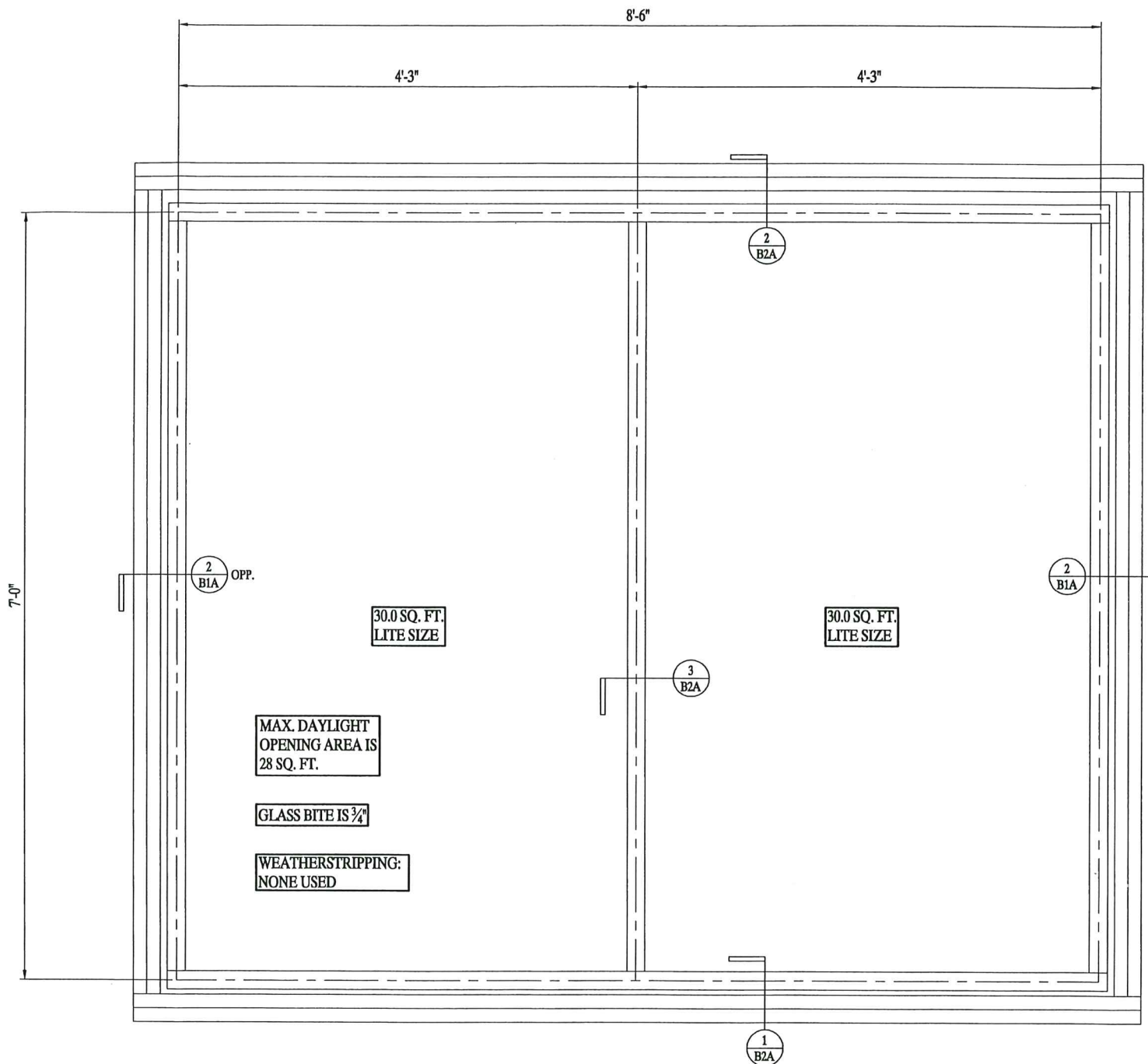
ENGINEER STAMP

COMPUTERIZED STRUCTURAL DESIGN, INC.
8989 N. PORT WASHINGTON ROAD
MILWAUKEE, WI 53217 EB-0001982
MICHAEL P. RYER
P.E. #50548

CAD FILE NAME:

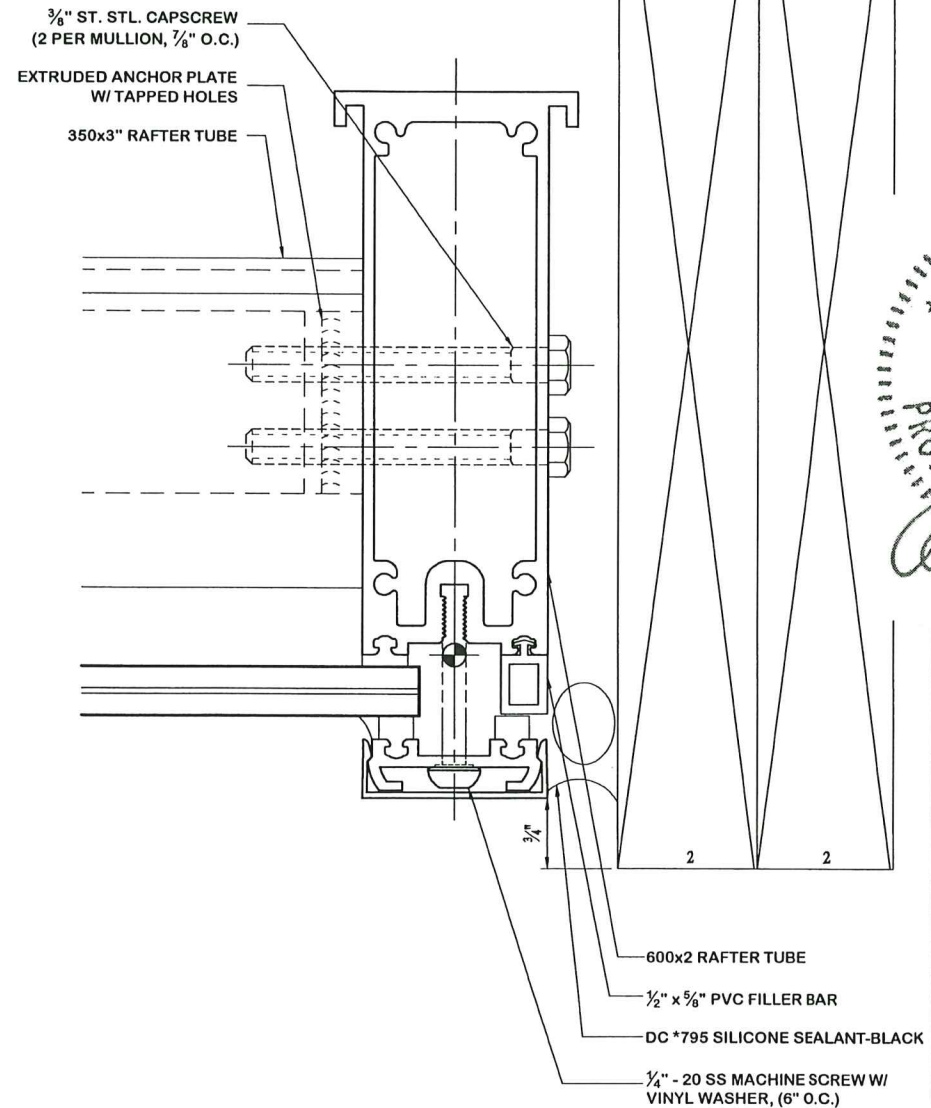
19960209B-D1.dwg

B1A
OF 7



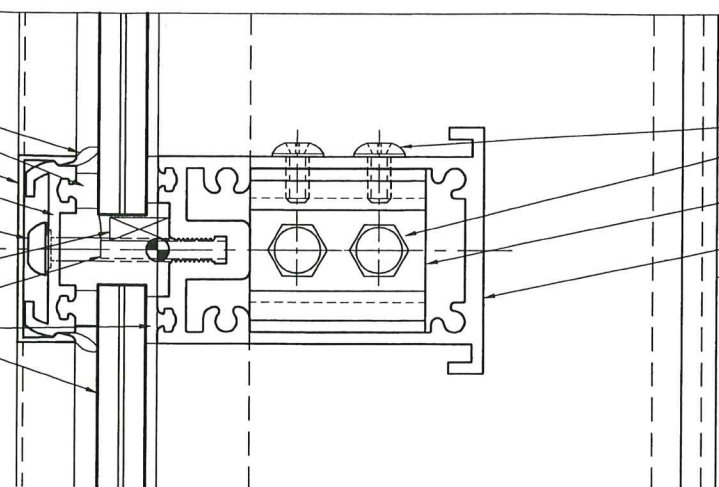
1 ELEVATION (1 REQ'D)
B1A SCALE: 1 1/2" = 1'-0"

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 24-0105.02
Expiration Date 05/16/2029
By *H. A. Miller*
Miami Dade Product Control



2 END RAFTER SECTION
B1A FULL SCALE

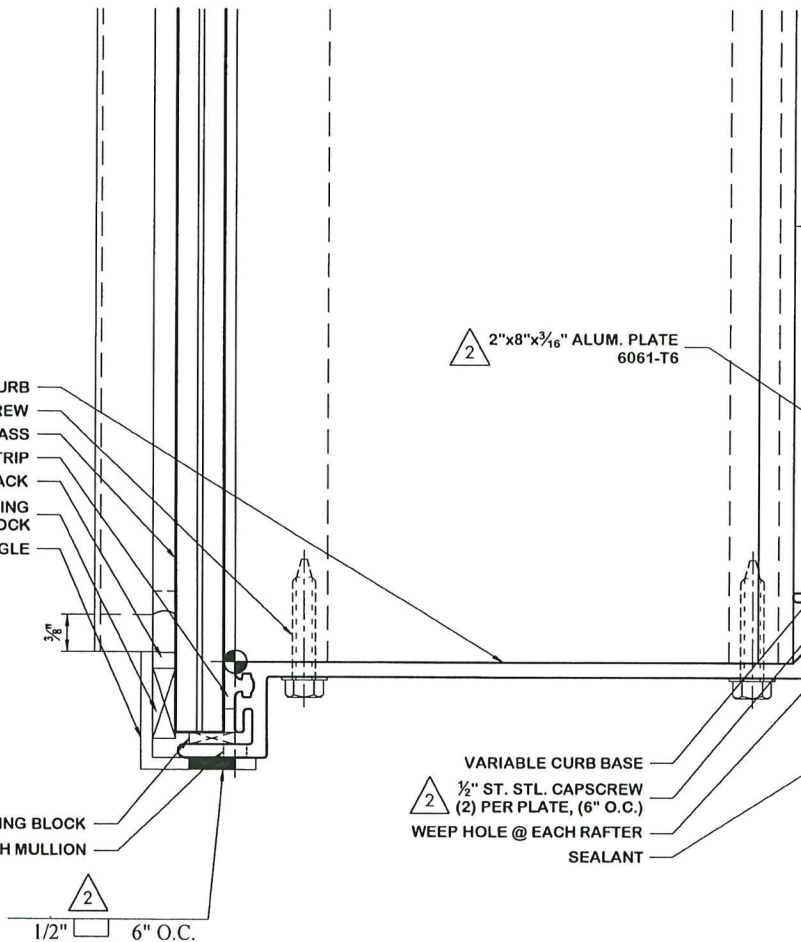
DC #795 SILICONE SEALANT - BLACK
1/4"x3/8" EPDM GLAZING STRIP
2" S.O. CAP
2" S.O. CAP RETAINER
1/4" - 20 ST. STL. MACHINE SCREW
W/VINYL WASHER, (6" O.C.)
1/8" THICK EXTRUDED SETTING BLOCK
3/16" ALUMINUM GLASS STOP - 4" LONG
1/8"x1/2" EPDM GLAZING STRIP
3/16" LAMINATED GLASS



2 CROSSBAR SECTION
SCALE: FULL

1/4" - 20 ST. STL. TRUSS HEAD SCREW
3/8" DIA. ST. STL. CAPSCREW (H10)
EXTRUDED CHANNEL CLIP
W/SERRATIONS AND EXTRUDED
ANCHOR PLATE OPP.
350x2" RAFTER TUBE
600x2" RAFTER TUBE

600 VARIABLE CURB
#14 ST. STL. SHEET METAL SCREW
3/16" LAMINATED GLASS
1/8"x1/2" EPDM GLAZING STRIP
DC #795 SILICONE SEALANT - BLACK
(2) 1/4" THICK EXTRUDED SETTING
BLOCK
1/8"x1 1/2"x1 1/4" ANGLE



1 CURB/SILL SECTION
SCALE: FULL

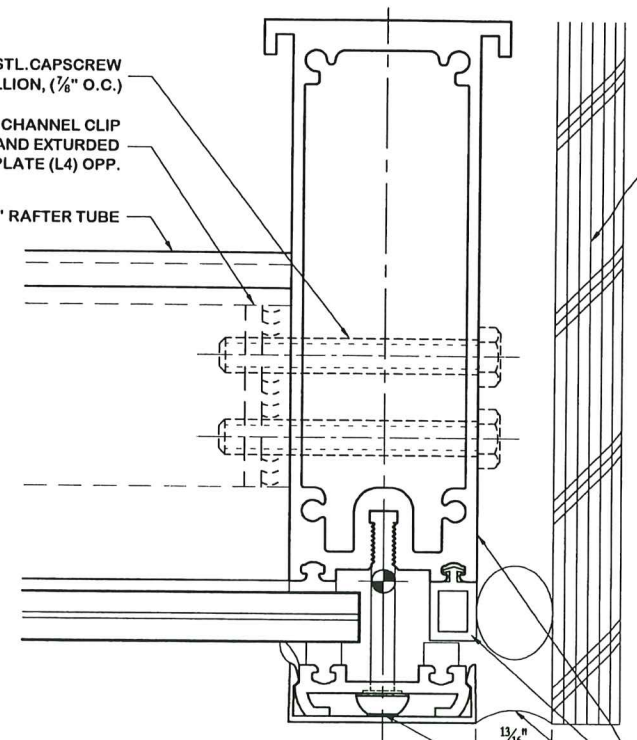
2"x8"x3/16" ALUM. PLATE
6061-T6

VARIABLE CURB BASE
1/2" ST. STL. CAPSCREW
(2) PER PLATE, (6" O.C.)
WEEP HOLE @ EACH RAFTER
SEALANT

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 24-0105.02
Expiration Date 05/16/2029
By *[Signature]*
Miami Dade Product Control

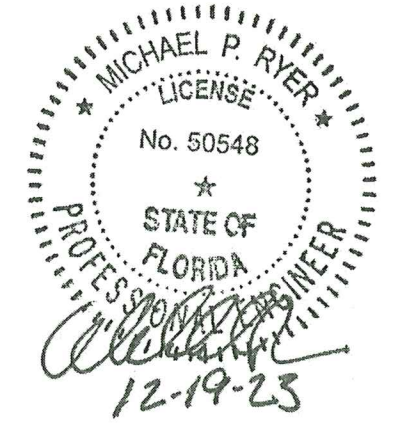
1000 RAFTER TUBE
3" WIDE SUPPORT
(NOT PART OF PRODUCT
APPROVAL)

3/8" ST. STL. CAPSCREW
(2) PER MULLION, (1/8" O.C.)
EXTRUDED CHANNEL CLIP
W/SERRATIONS (L2) AND EXTRUDED
ANCHOR PLATE (L4) OPP.
350x2" RAFTER TUBE



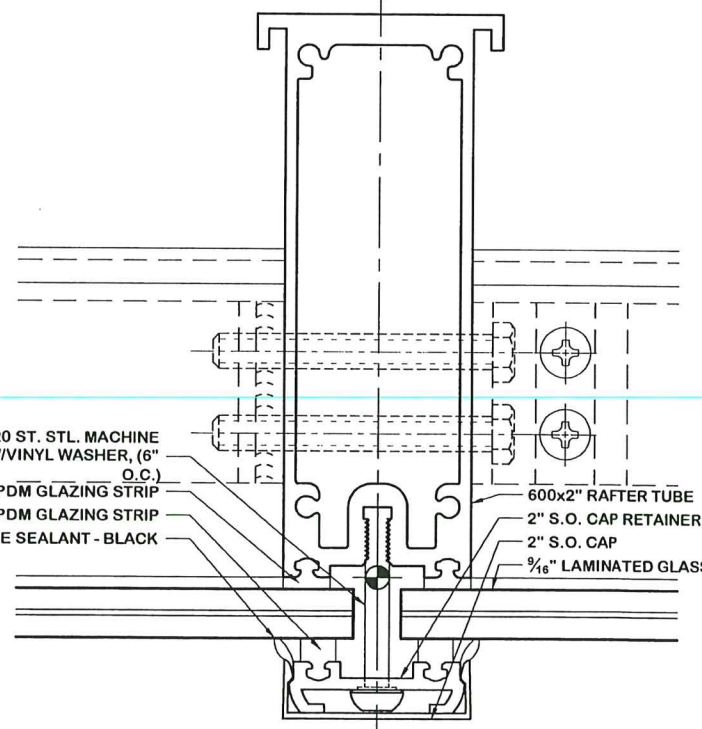
4 VERTICAL END RAFTER
SCALE: FULL

PLYWOOD SIDE
CLOUSERS AND
ATTACHMENTS
BY TEST LAB



600x2" RAFTER TUBE
1/2"x5/8" PVC FILLER BAR
BACKER ROD & SEALANT
1/4" - 20 ST. STL. MACHINE SCREW
W/ VINYL WASHER (6" O.C.)

1/4" - 20 ST. STL. MACHINE
SCREW W/VINYL WASHER, (6"
O.C.)
1/8"x1/2" EPDM GLAZING STRIP
1/4"x3/8" EPDM GLAZING STRIP
DC #795 SILICONE SEALANT - BLACK



3 VERTICAL RAFTER
SCALE: FULL

600x2" RAFTER TUBE
2" S.O. CAP RETAINER
2" S.O. CAP
3/16" LAMINATED GLASS

SUPER SKY
SUPER SKY PRODUCTS
ENTERPRISES, LLC
10001 N. ENTERPRISE DR.
MEQUON, WISCONSIN 53092
262-242-2000

REVISION		
1	PER SSPI 2/11/98	MEB
2	PER CALCS 3/20/98	MEB
3	PER SSPI 10/12/98	JK
4	PER SSPI 11/17/98	JK
5	AS TESTED 3/3/99	RN
6	11/14/02	CH
7	REV. BORDER 4/27/17	BAY

PRODUCT
CONTROL
REF. NO.
96-0035

PROJECT
MOCK-UP-
DADE COUNTY
PRODUCT APPROVAL
DADE COUNTY, FL
ENGINEER
MICHAEL P. RYER, P.E.

TEST LABORATORY
HURRICANE TEST LAB
RIVIERA BEACH, FL
TITLE
SECTION
DETAILS

DADE COUNTY USE

ENGINEER STAMP

COMPUTERIZED STRUCTURAL DESIGN, INC.
8989 N. PORT WASHINGTON ROAD
MILWAUKEE, WI 53217 EB-0001982
MICHAEL P. RYER
P.E. #50548

DRAWN BY
BAY

DATE
4/26/17

SCALE
AS NOTED

APPROVAL
(RDP)

PROJECT NO.
1996-0209

CAD FILE NAME
19960209B-D1.dwg

B2
OF 7



SUPER SKY PRODUCTS
ENTERPRISES, LLC
10301 N. ENTERPRISE DR.
MEQUON, WISCONSIN 53092
262-242-2000

REVISION

3	PER SSPI 10/12/98	JK
4	PER SSPI 11/17/98	JK
5	AS TESTED 3/3/99	RN
6	11/14/02	CH
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PRODUCT
CONTROL
REF. NO.
96-0035

PROJECT
MOCK-UP-
DADE COUNTY
PRODUCT APPROVAL
DADE COUNTY, FL
ENGINEER
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RIVIERA BEACH, FL
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ENGINEER STAMP

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DATE
4/26/17

SCALE
AS NOTED

APPROVAL
(RDP)

PROJECT NO.
1996-0209

COMPUTERIZED STRUCTURAL DESIGN, INC.
8989 N. FORT WASHINGTON ROAD
MILWAUKEE, WI 53217 EB-0001982
MICHAEL P. RYER
P.E. #50548

CAD FILE NAME:

19960209B-D1.dwg

B2A
OF 7

SHOP NOTE

COUNTERBORE WOOD
SO BOLT HEADS DONT
STICK OUT

DC #795 SILICONE SEALANT - BLACK
W/BACKER ROD
1/4" x 3/8" EPDM GLAZING STRIP

1/4" - 20 ST. STL. MACHINE SCREW
W/ VINYL WASHER, (6" O.C.)

12°-55' HIP CAP

12°-55' HIP CAP AND RETAINER

DC #795 SILICONE SEALANT - BLACK

350Rx2" 12°-55' HIP RAFTER TUBE

3/8" DIA. ST. STL. CAPSCREW

EXTRUDED CHANNEL CLIP

W/SERRATIONS AND

EXTRUDED ANCHOR PLATE OPP.

600Rx2" RAFTER TUBE

1/16" LAMINATED GLASS

2

B2A

KNEE SECTION

SCALE: FULL

WOOD FRAME
SUPPLIED BY
SUPER SKY

600Rx2 RAFTER TUBE

3/8" ST. STL. CAPSCREW
(2 PER MULLION, 1/8" O.C.)

350x2" RAFTER TUBE

1/4" - 20 ST. STL.
TRUSS HEAD SCREW
(2) PER SIDE

DC #795 SILICONE SEALANT-BLACK

2" SNAP-ON CAP

2" SNAP-ON CAP RETAINER

1/4" - 20 ST. STL. MACHINE SCREW W/
VINYL WASHER, (6" O.C.)

3

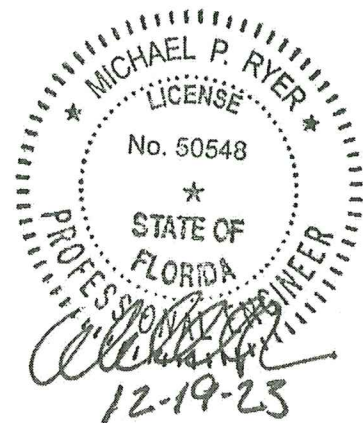
B2A

RAFTER SECTION

SCALE: FULL

WOOD FRAME
SUPPLIED BY
SUPER SKY

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 24-0105.02
Expiration Date 05/16/2029
By *Michael P. Ryer*
Miami Dade Product Control



1

B2A

CURB/SILL SECTION

SCALE: FULL

SHOP NOTE

COUNTERBORE WOOD
SO BOLT HEADS DONT
STICK OUT

1/16" LAMINATED GLASS

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

DC #795 SILICONE
SEALANT-BLACK

(2) 1/8" THICK EXTRUDED
SETTING BLOCK

2" SNAP-ON CAP

AND RETAINER

1/4" - 20 ST. STL. MACHINE SCREW

W/ VINYL WASHER, (6" O.C.)

1/2" x 1/8" PVC FILLER BAR

DC #795 SILICONE
SEALANT-BLACK W/
BACKER ROD



SUPER SKY PRODUCTS
ENTERPRISES, LLC
10901 N. ENTERPRISE DR.
MEQUON, WISCONSIN 53092
262-242-2000

REVISION

- | | | |
|---|------------------------|-----|
| 1 | PER SSPI
2/11/98 | MEB |
| 2 | PER CALCS
3/20/98 | MEB |
| 3 | PER SSPI
10/12/98 | JK |
| 4 | PER SSPI
11/17/98 | JK |
| 5 | AS TESTED
3/3/99 | RN |
| 6 | 11/14/02 | CH |
| 7 | REV. BORDER
4/27/17 | BAY |

PRODUCT
CONTROL
REF. NO.
96-0035

PROJECT

MOCK-UP-
DADE COUNTY
PRODUCT APPROVAL

DADE COUNTY, FL

ENGINEER

MICHAEL P. RYER, P.E.

TEST LABORATORY
HURRICANE TEST LAB

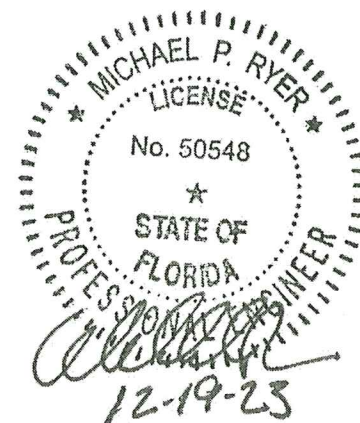
RIVIERA BEACH, FL

TITLE

SECTION
DETAILS

DADE COUNTY USE

ENGINEER STAMP

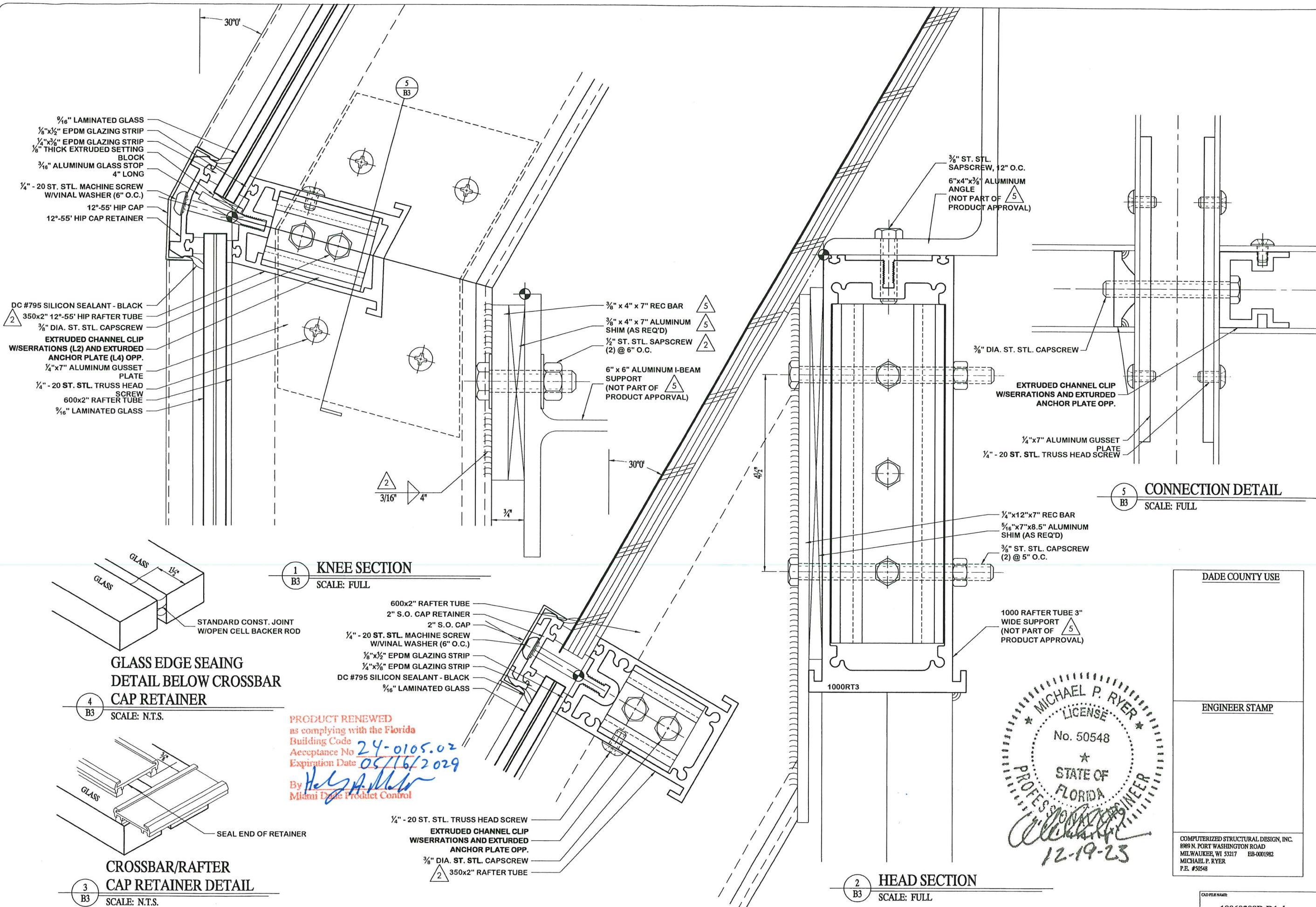


COMPUTERIZED STRUCTURAL DESIGN, INC.
8989 N. PORT WASHINGTON ROAD
MILWAUKEE, WI 53217 EB-0001982
MICHAEL P. RYER
P.E. #50548

OLD FILE NAME:

19960209B-D1.dwg

B3
OF 7



1 KNEE SECTION
SCALE: FULL

- 600x2" RAFTER TUBE
- 2" S.O. CAP RETAINER
- 2" S.O. CAP
- 1/4" - 20 ST. STL. MACHINE SCREW
W/VINAL WASHER (6" O.C.)
- 3/8"x1/2" EPDM GLAZING STRIP
- 1/4"x3/8" EPDM GLAZING STRIP
- DC #795 SILICON SEALANT - BLACK
- 3/16" LAMINATED GLASS

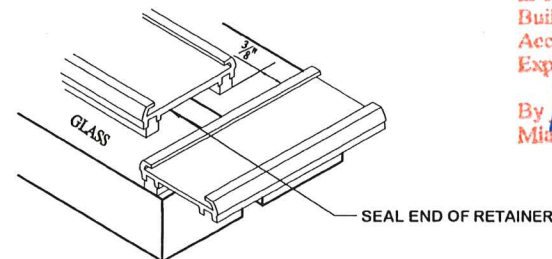
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 24-0105.02
Expiration Date 05/16/2029
By *Helga A. Miller*
Miami Dade Product Control

- 1/4" - 20 ST. STL. TRUSS HEAD SCREW
- EXTRUDED CHANNEL CLIP
W/SERRATIONS AND EXTRUDED
ANCHOR PLATE OPP.
- 3/8" DIA. ST. STL. CAPSCREW
- 350x2" RAFTER TUBE

2 HEAD SECTION
SCALE: FULL

4 B3
SCALE: N.T.S.

GLASS EDGE SEAING
DETAIL BELOW CROSSBAR
CAP RETAINER



3 CROSSBAR/RAFTER
CAP RETAINER DETAIL
SCALE: N.T.S.



SUPER SKY PRODUCTS
ENTERPRISES, LLC

10301 N. ENTERPRISE DR.
MEQUON, WISCONSIN 53092
262-242-2000

REVISION

- 1 PER SSPI 2/11/98 MEB
- 2 PER CALCS 3/20/98 MEB
- 3 PER SSPI 10/12/98 JK
- 4 PER SSPI 11/17/98 JK
- 5 AS TESTED 3/3/99 RN
- 6 11/14/02 CH
- 7 REV. BORDER 4/27/17 BAY

PRODUCT
CONTROL
REF. NO.
96-0035

PROJECT
MOCK-UP-
DADE COUNTY
PRODUCT APPROVAL
DADE COUNTY, FL
ENGINEER
MICHAEL P. RYER, P.E.

TEST LABORATORY
HURRICANE TEST LAB

RIVIERA BEACH, FL
TITLE
EXTRUSIONS

DADE COUNTY USE

ENGINEER STAMP

DRAWN BY
BAY DATE
4/26/17

SCALE
AS NOTED APPROVAL
(RDP)

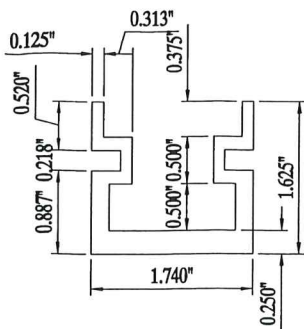
PROJECT NO.
1996-0209

COMPUTERIZED STRUCTURAL DESIGN, INC.
8989 N. PORT WASHINGTON ROAD
MILWAUKEE, WI 53217 EB-0001982
MICHAEL P. RYER
P.E. #50548

CAD FILE NAME:

19960209B-D1.dwg

B4
OF 7



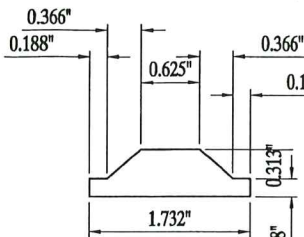
CHANNEL CLIP

SCALE: FULL

SUMMARY OF PROPERTIES

CENTRE OF MASS [0.87,0.57416,0]
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'
RADIOI OF GYRATION:
POLAR 0.790586 INCH
X AXIS 0.47488 INCH
Y AXIS 0.632072 INCH

WEIGHT PER LINEAR FOOT 1.191528 LBS
ALUMINUM ALLOT 6005-T5



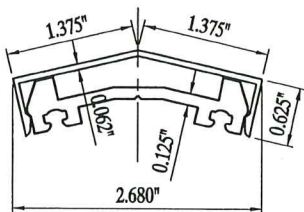
ANCHOR PLATE

SCALE: FULL

SUMMARY OF PROPERTIES

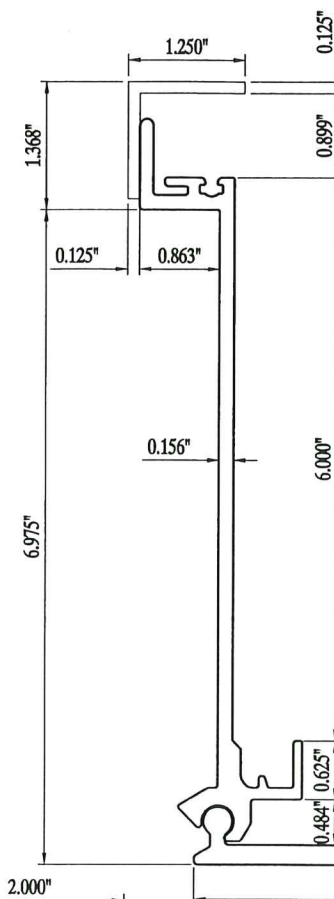
CENTRE OF MASS [0.866,0.206789,0]
SURFACE AREA 0.635642 INCH **2
MOMENT ABOUT X AXIS 0.0118681 INCH **4
MOMENT ABOUT Y AXIS 0.110198 INCH **4
POLAR MOMENT 0.122066 INCH **4
PRINCIPAL AXES ROTATION ANGLE = 0°-0'
RADIOI OF GYRATION:
POLAR 0.438218 INCH
X AXIS 0.136642 INCH
Y AXIS 0.41637 INCH

WEIGHT PER LINEAR FOOT 0.743701 LBS
ALUMINUM ALLOT 6005-T5



HIP CAP & RETAINER

SCALE: FULL



600 VARIABLE CURB

SCALE: FULL

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'
RADIOI OF GYRATION:
POLAR 2.55633 INCH
X AXIS 0.277084 INCH
Y AXIS 2.54127 INCH

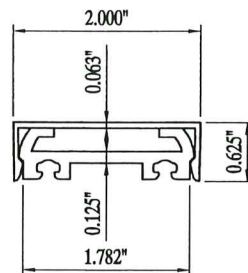
WEIGHT PER LINEAR FOOT 1.961950 LBS
ALUMINUM ALLOT 6005-T5

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

SCALE: FULL

TYPE II SILICONE RUBBER

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



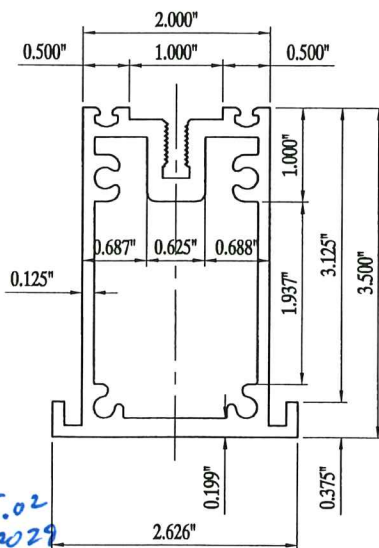
RAFTER CAP & RETAINER

SCALE: FULL

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

SCALE: FULL

RIGID PVC *820 W/ .095" MIN WALL



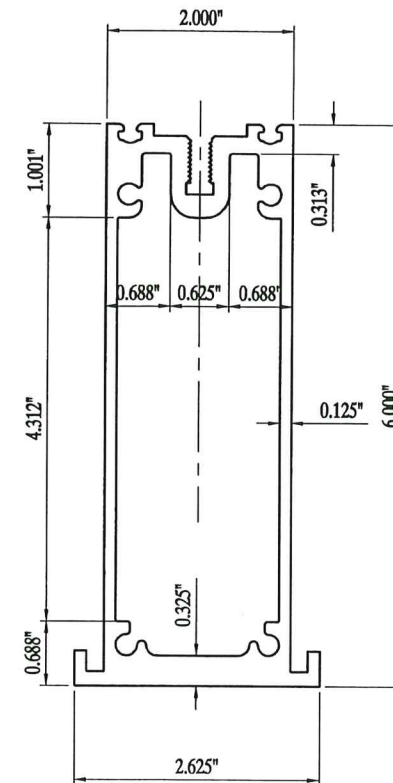
350 HIP TUBE

SCALE: FULL

SUMMARY OF PROPERTIES

CENTRE OF MASS [1.31300,1.77391,0]
SURFACE AREA 2.22783 INCH **2
MOMENT ABOUT X AXIS INCH **4
MOMENT ABOUT Y AXIS INCH **4
POLAR MOMENT INCH **4
PRINCIPAL AXES ROTATION ANGLE =
RADIOI OF GYRATION:
POLAR INCH
X AXIS 1.27601 INCH
Y AXIS 0.76274 INCH

WEIGHT PER LINEAR FOOT 2.6065611 LBS
ALUMINUM ALLOT 6005-T5



600 RAFTER TUBE

SCALE: FULL

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'
RADIOI OF GYRATION:
POLAR 2.40871 INCH
X AXIS 0.781039 INCH
Y AXIS 2.27857 INCH

WEIGHT PER LINEAR FOOT 3.805273 LBS
ALUMINUM ALLOT 6005-T5

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

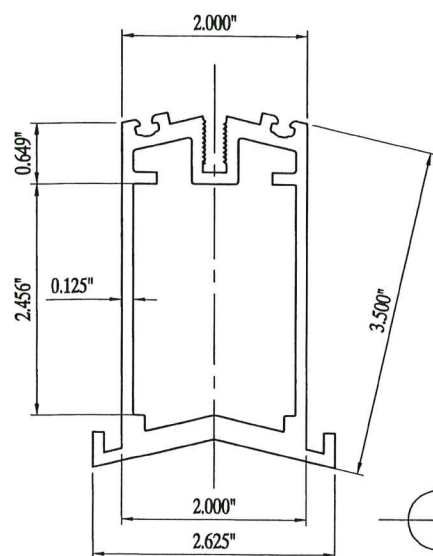
SCALE: FULL

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

SCALE: FULL

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



350 HIP TUBE

SCALE: FULL

SUMMARY OF PROPERTIES

CENTRE OF MASS [1.00003,2.12172,0]
AREA 1.20076 INCH **2
MOMENT ABOUT X AXIS 0.290704 INCH **4
MOMENT ABOUT Y AXIS 2.60673 INCH **4
PRINCIPAL AXES ROTATION ANGLE = 90°-0'
RADIOI OF GYRATION:
POLAR: 1.4734
X AXIS 0.492097 INCH
Y AXIS 1.38881 INCH

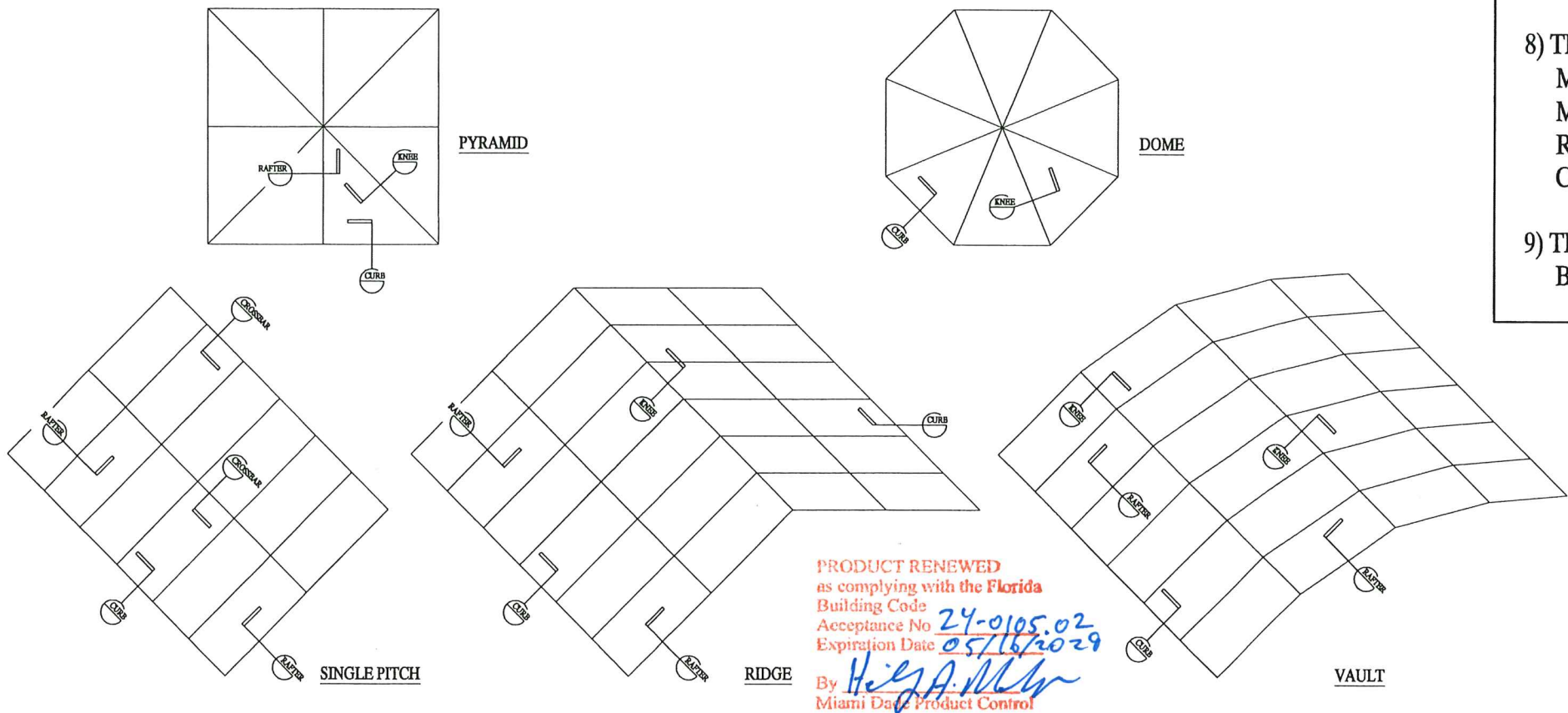
WEIGHT PER LINEAR FOOT 2.43108 LBS
ALUMINUM ALLOT 6005-T5

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 24-0105.02
Expiration Date 05/16/2029
By H. A. Miller
Miami Dade Product Control

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 (6005-T5), 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 ML1-ML5. THE GLASS IS ATTACHED TO THE FRAME USING ALUMINUM RETAINERS (6005-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 ML1-ML5 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 SKYLIGHTS ARE SHOWN BELOW.



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/ML3)
2. RAFTER (SEE DETAIL 1/ML4)
3. CROSSBAR (SEE DETAIL 1/ML3)
4. KNEE [HIP] (SEE DETAIL 2/ML3)

PLEASE SEE DRAWINGS ML1-ML5 FOR COMPLETE SPECIFICATIONS OF THE MOCK-UPS TESTED.

GENERAL NOTES:

- 1) THIS SYSTEM IS APPROVED FOR: DESIGN PRESSURES UP TO +80/-90PSF.
- 2) GLASS TYPE TESTED: 5/8" LAMINATED CONSISTING OF:
1/4" CLEAR HEAT STRENGTHENED GLASS
.090" CLEAR SENTRYGLAS INTERLAYER
.090" CLEAR SENTRYGLAS INTERLAYER
1/4" CLEAR 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 THE FLORIDA BUILDING CODE 2023 EDITION. 1/2
- 7) THIS APPROVAL IS LIMITED TO THE MAXIMUM AREA OF THE 5/8" 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.
- 9) THIS SKYLIGHT SYSTEM IS IN COMPLIANCE WITH THE FLORIDA BUILDING CODE 2023 EDITION. 1/2



SUPER SKY PRODUCTS ENTERPRISES, LLC
10901 N. ENTERPRISE DR.
MEQUON, WISCONSIN 53092
262-242-2000

REVISION

- | | | |
|---|------------------|----|
| 1 | PER SSPE 1/5/22 | RN |
| 2 | PER SSPE 4/10/24 | RN |

PROJECT
MOCK-UP
HVHZ - CATEGORY 4
LAMINATED GLASS

ARCHITECT

CONTRACTOR

TITLE
COMPONENTS & MATERIALS
SPECIFICATIONS
SHEET

DRAWN BY
NBO

SCALE
NONE

PROJECT NO.
20150223

ML

DADE COUNTY USE

ENGINEER STAMP



COMPUTERIZED STRUCTURAL DESIGN, INC.
8989 N. PORT WASHINGTON ROAD
MILWAUKEE, WI 53217 EB-0001982
MICHAEL P. RYER
P.E. #50548

CAD FILE NAME
20150223ML-D1.dwg



Digitally signed by Mike Ryer
DN:
E=mryer@csd-eng.com,
CN=Mike Ryer,
OU=Engineering,
C=Computerized Structural Design, S.C.,
L=Milwaukee,
S=Wisconsin, C=US
Reason: I am approving this document
Contact Info: Michael P Ryer
Date: 2024.04.22
11:03:27-05'00'

COMPONENTS & MATERIALS SPECIFICATIONS SHEET

(THIS IS A GENERAL LISTING, NOT ALL ITEMS ARE UTILIZED ON THIS PROJECT)

A FRAMEWORK:

ALL SKYLIGHT FRAMEWORK SHALL BE OF EXTRUDED ALUMINUM, (ALLOY AS NOTED)

CODE	DESCRIPTION	ALLOY
350RT2	350 RAFTER TUBE 2 WIDE	6005-T5
600RT2	600 RAFTER TUBE 2 WIDE	6005-T5
2C	2 CAP	6063-T5
2CR	2 CAP RETAINER	6005-T5
350HT12	350 HIP TUBE 12"-55	6005-T5
HC12I	HIP CAP 12"-55 INS.	6063-T5
HCR12I	HIP CAP RETAINER 12"-55 INS.	6005-T5

B FLASHING:

- B1. 18 GA. ALUMINUM FLASHING (5005-H34)
B2. FLASHING TO BE RETAINED TO THE STRUCTURE BY THE USE OF
16 GA. ALUMINUM RETAINER CLIP - 3" WIDE - 20" O.C.
B3. 18 GA. ALUMINUM SELF-FLASHING CURB BASE SPLICE (12" LONG);
FIELD CUT & FOLD AS REQ'D FOR CORNERS
B4. 18 GA. ALUMINUM CAP RETAINER END CLOSURE
FOR POLYCARBONATE GLAZING SYSTEM
B5. 1/8" ALUMINUM SHEET (5052-H32)
B6. 3/16" ALUMINUM SHEET (5052-H32)
B7. 16 GA. ALUMINUM FLASHING (5005-H34)

C FINISH:

ALL ALUMINUM EXTRUSION EXPOSED TO VIEW SHALL
RECEIVE THE FOLLOWING FINISH:

- C1. 215AE CLEAR ANODIZED

D GLASS:

GLASS SHALL BE SUPPLIED AS FOLLOWS:

- D1. $\frac{5}{8}$ " LAMINATED GLASS CONSISTING OF:

- $\frac{1}{4}$ " CLEAR HEAT STRENGTHENED
- .090" CLEAR SENTRYGLAS INTERLAYER
- .090" CLEAR SENTRYGLAS INTERLAYER
- $\frac{1}{4}$ " CLEAR HEAT STRENGTHENED

E GLAZING STRIPS:

EXTRUDED GLAZING STRIPS SHALL BE TYPE 1, HEAT CURED SILICONE RUBBER,
OR EPDM, DESIGNED TO PREVENT ADHESION, AND COMPLY WITH THE FOLLOWING
SPECIFICATIONS:

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

E1	1/8" X 1/2" GLAZING STRIP (EPDM)	DWG# 14476-M
E1.5	1/8" X 1/2" PUSH-IN GLAZING STRIP (EPDM).....	DWG# 27680-M
E2	1/8" X 1/2" GLUE-ON GLAZING STRIP	DWG# 11408-M
E3	3/16" X 1/2" GLAZING STRIP	DWG# 11073-M
E4	3/16" X 1/2" GLUE-ON GLAZING STRIP	DWG# 11150-M
E5	1/4" X 3/8" GLAZING STRIP (EPDM)	DWG# 19575-M
E6	1/4" X 3/8" GLUE-ON GLAZING STRIP	DWG# 12814-M
E7	3/8" X 1/2" GLAZING STRIP	DWG# 10553-M
E8	3/8" X 1/2" GLUE-ON GLAZING STRIP	DWG# 11149-M
E9	5/32" TAPERED (10") GLAZING STRIP	DWG# 10552-M
E10	3/16" TAPERED (10") GLAZING STRIP	DWG# 11151-M
E11	1/2" X 1/2" HOLLOW GLAZING STRIP	DWG# 11911-M
E12	CLEAR SILICONE GASKET FOR PT. SUPPORT GLASS	PART# 146-0210

F SETTING BLOCKS:

EXTRUDED SETTING BLOCKS SHALL BE TYPE II SILICONE RUBBER DESIGNED
TO PERMIT ADHESION, AND COMPLY WITH THE FOLLOWING SPECIFICATIONS:

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

- F1. 1/8" THICK X 4" LONG (DEPTH DETERMINED BY GLASS THICKNESS)

- F2. 10" TAPERED

SETTING BLOCKS ARE LOCATED 2 PER LITE OF GLASS @ 1/4 POINTS
(UNLESS NOTED OTHERWISE)

G SPACER BLOCKS:

EXTRUDED EPDM SPACE BLOCKS SHALL COMPLY WITH THE
FOLLOWING SPECIFICATIONS.

2 PER LITE @ 1/4 POINTS
HARDNESS: (SHORE A) 80 ± 5 DUROMETER COLOR: BLACK

FOR INSULATING GLASS:

- G1. 5/8" X 1-3/8" X 1" FOR 2" WIDE EXTRUSIONS
G2. 1-1/8" X 1-3/8" X 1" FOR 2-1/2" & 3" WIDE EXTRUSIONS

FOR LAMINATED GLASS:

- G3. 5/8" X 3/4" X 1" FOR 2" WIDE EXTRUSIONS
G4. 1-1/8" X 3/4" X 1" FOR 2-1/2" & 3" WIDE EXTRUSIONS

FOR 1/4" THICK GLASS:

- G5. 5/8" X 1/2" X 5/8" FOR ALL EXTRUSIONS

H FASTENERS:

- H1. FASTENERS USED FOR THE ATTACHMENT OF THE EXTERIOR CAP RETAINERS
SHALL BE A SPECIAL 300 SERIES 1/4-20 STAINLESS MACHINE SCREW
W/ VINYL WASHER (6" ON CENTER) (UNLESS NOTED OTHERWISE) (REF DWG# 12254-M)

- H2. 1/4-20 ST. STL. TRUSS HD. SCREW
H3. NOT USED
H4. 1/4-20 ST. STL. ROUND HEAD SCREW
H5. 1/4-20 ST. STL. FLAT HD. SCREW (UNDERCUT)
H6. RUBBER-BACKED ST. STL. WASHER
H7. #14 ST. STL. SHEET METAL SCREW (1-1/4" LONG)
H8. ALUMINUM CAPSCREW
H9. NOT USED
H10. 3/8" ST. STL. CAPSCREW
H11. 3/8" ST. STL. CAPSCREW W/ ST. STL. WASHER
H12. 3/8" ST. STL. TRUSS HD. SCREW
H13. 3/8" ST. STL. LAGSCREW W/ WASHER
H14. CONCRETE ANCHOR (AS SPECIFIED ON DETAILS)
H15. ST. STL. SHEET METAL SCREW
H16. 1/4" DIA. ZINC NAIL DRIVE FASTENER
H17. 1/8" ST. STL. POP RIVET
H18. STAINLESS STL. NAIL
H19. 3/8" ST. STL. FLAT HD. SCREW
H20. DRIL FLEX SELF DRILLING FASTENER W/STALGARD COATING
H21. NOT USED
H22. NOT USED
H23. 1/2" DIA. ST. STL. CAPSCREW
H24. 1/2" DIA. ST. STL. TRUSS HD.
H25. NOT USED
H26. 1/4" ALUM. WELDED STUD W/ NUT
H27. NOT USED
H28. NOT USED
H29. 1/4" DIA. ST. STL. CAPSCREW
H30. 5/16" DIA. ST. STL. CAPSCREW

I SEALANTS:

ALL SEALANT ON THIS PROJECT SHALL BE DOW CORNING #795
(UNLESS NOTED OTHERWISE)

- I1. STANDARD CONSTRUCTION JOINTS AND ALL NON-STRUCTURAL JOINTS,
UP TO 3/4" WIDE, WITH DEPTH EQUAL TO HALF WIDTH,
WITH OPEN CELL BACKER ROD, OR TEFLON BOND BREAKER TAPE TO
PREVENT THREE SIDED ADHESION (BLACK).
I2. STRUCTURAL CONSTRUCTION JOINTS, 1/4" WIDE X 1/4" DEEP,
WITH OPEN CELL BACKER ROD, (5/8" DIA.) (BLACK).
I3. STANDARD RETAINER WET SEAL (BLACK)
I4. SEALANT ADJACENT TO THE FINISHED SKYLIGHT MATERIAL
(BUT NOT IN CONTACT WITH GLASS) TO BE A
STANDARD COLOR TO MOST CLOSELY MATCH FINISH COLOR (BLACK)
I5. POINT-SUPPORT GLASS JOINTS; DOW CORNING 999A CLEAR
I6. DOW CORNING 123 SILICONE SPLICE STRIP (COLOR T.B.D.)

ERECTOR NOTE:

ALL SURFACES WHICH COME IN CONTACT WITH SEALANTS MUST BE CLEANED
USING ISOPROPYL ALCOHOL (IPA). ALLOW IPA TO COMPLETELY DRY BEFORE
SEALING.

APPLY DOW CORNING 1200-OS PRIMER AT ALL SEALANT JOINTS THAT COME
INTO CONTACT WITH PAINTED ALUMINUM.

J ASPHALTIC PAINT:

- J1. GRAHAM 952-01 GILSONITE BASED ASPHALTUM.

ASPHALTIC PAINT IS FIELD BRUSH APPLIED BETWEEN THE
ALUMINUM AND DISSIMILAR MATERIALS TO PREVENT
ELECTROLYTIC ACTION AND CORROSION.

K INSULATION:

- K1. RIGID INSULATION - DOW CHEMICAL STYROFOAM SQUARE EDGE EXTRUDED
POLYSTYRENE INSULATION BOARD. MEETS ASTM C578 INCLUDING STANDARDS
C518, D1621, E96, D696, C203, D2126 AND C272. PROVIDED IN VARYING
THICKNESSES AND WIDTHS. ACHIEVES AN R-VALUE OF 5 PER INCH OF
THICKNESS.
K2. BATT INSULATION - JOHNS MANSVILLE R-SERIES MIRCOLITE FIBERGLASS MEETS
ASTM E84, UL 723, NFPA 255, NFPA 90A AND NFPA 90B WITH A MAXIMUM FLAME
SPREAD INDEX OF 25 AND SMOKE DEVELOPED INDEX OF 50. PROVIDED IN
STANDARD THICKNESS OF 2" AND WIDTHS OF 3" OR 6". ACHIEVES AN INSTALLED
R-VALUE OF 2.7 PER INCH OF THICKNESS.

L CLIPS AND PLATES:

EXTRUDED CLIPS TO BE ALLOY 6061-T6
FORMED CLIPS TO BE ALLOY 5052-H32

- | | |
|-------------------------|--------------------------------|
| L1. EXTR. T-CLIP | L15. 3/8" REC BAR |
| L2. EXTR. CHANNEL CLIP | L16. 1/2" REC BAR |
| L3. NOT USED | L17. 1/8" ANGLE |
| L4. EXTR. ANCHOR PLATE | L18. 3/16" ANGLE |
| L5. EXTR. JACK BAR CLIP | L19. 1/4" ANGLE |
| L6. NOT USED | L20. 5/16" ANGLE |
| L7. SPLICE/GUSSET PLATE | L21. 3/8" ANGLE |
| L8. APEX ANGLE CLIP | L22. 1/2" ANGLE |
| L9. APEX CHANNEL CLIP | L23. EXTR. CLIP W/SCREW SLOT |
| L10. EXTR. ZEE-CLIP | L24. 3/16" FORMED CHANNEL CLIP |
| L11. 1/8" REC BAR | L25. 1/4" FORMED CHANNEL CLIP |
| L12. 3/16" REC BAR | L26. T-SUPPORT PART# 121-0436 |
| L13. 1/4" REC BAR | L27. RAFTER SUPPORT PART# |
| L14. 5/16" REC BAR | |

M RIGID PVC FILLER BARS:

ALL FILLER BARS TO BE RIGID PVC #820 WITH .095" MINIMUM WALL THICKNESS

GLASS GROUP	FILLER BAR SIZE	COLOR CODE
M1. 3/8" & 7/16"	1/2" X 9/16"	OAK
M2. 1/2" & 9/16"	1/2" X 5/8"	WHITE
M3. 1"	1/2" X 1-1/8"	CHAMPAGNE
M4. 1-1/8" & 1-3/16"	1/2" X 1-1/4"	GREY
M5. 1-1/4" & 1-5/16"	1/2" X 1-3/8"	BLACK
M6. 1"	1/2" X 1"	BROWN
M7. 1-1/4" & 1-5/16" (FLUSH GL.)	1/2" X 1-7/8"	BLUE
M8. 10 mm POLYCARBONATE	1/2" X 7/16"	PURPLE
M9. 16 mm POLYCARBONATE	1/2" X 3/4"	POLAR WHITE

N MISCELLANEOUS:

- N1. 1/4" DIA. WEEP HOLE @ EACH RAFTER
N2. 1/4" DIA. WEEP HOLE, 1 PER LITE @ CENTERPOINT
N3. 1-1/4" DIA. ACCESS HOLE W/ ALUMINUM COVER (SET IN SEALANT)
N4. ACCESS HOLE
N5. PVC CONDENSATION SPLICE CHANNEL (SET IN SEALANT)
N6. 3/16" ALUMINUM GLASS STOP, 4" LONG, 2 PER LITE @ 1/4 PTS.
N7. 0.160" ALUMINUM GLASS STOP, CONTINUOUS (WELD TO CR. BAR)
N8. PLASTIC HORSESHOE SHIM (AS REQ'D.)
N9. ALUMINUM SHIM (AS REQ'D)
N10. 1/2" x 1/2" OPEN CELL WEEP HOLE BAFFLE (SET IN SEALANT)

DADE COUNTY USE

ENGINEER STAMP



COMPUTERIZED STRUCTURAL DESIGN, INC.
8989 N. PORT WASHINGTON ROAD
MILWAUKEE, WI 53217 EB-0001982
MICHAEL P. RYER
P.E. #50548

ERECTION BY:
SUPER SKY



OTHERS



GLASS SUPPLIED BY:

SUPER SKY



OTHERS



GLAZING BY:

SUPER SKY



OTHERS



GLASS DRAWING(S):
31265

MISC. DRAWING(S):

CAD FILE NAME:

20150223ML-D1.dwg



SUPER SKY PRODUCTS
ENTERPRISES, LLC

10301 N. ENTERPRISE DR.
MISQUON, WISCONSIN 53092
262-242-2000

REVISION

PROJECT

MOCK-UP
HVHZ - CATEGORY 4
LAMINATED GLASS

ARCHITECT

CONTRACTOR

TITLE

COMPONENTS &
MATERIALS
SPECIFICATIONS
SHEET

DRAWN BY

NBO

DATE

3/11/16

SCALE

NONE

APPROVAL

(DP)

PROJECT NO.

20150223

ML1
OF 6

GENERAL CONTRACTOR / ARCHITECT NOTE:

SUPER SKY REQUIRES THAT GUARANTEED OPENING DIMENSIONS OF THE SUPPORTING STRUCTURE BE PROVIDED PRIOR TO THE
FABRICATION OF ANY SKYLIGHT WORK. ANY ADJACENT AND SUPPORT CONSTRUCTION BY OTHERS MUST BE HELD TO ± 1/4" OF THE
THEORETICAL LOCATION.

ALL DESIGN, ENGINEERING, AND DIMENSIONS OF THE SKYLIGHT SUPPORTING STRUCTURE SHALL BE THE RESPONSIBILITY OF THE TRADE(S)
FURNISHING THE WORK. ONLY IF CONTRACTED TO INSTALL THE SKYLIGHT WORK, AND THEN ONLY UPON MOBILIZATION OF THE JOB TO
INSTALL, WILL SUPER SKY FIELD CHECK THE SUPPORT STRUCTURE FOR CONFORMANCE WITH DESIGN DIMENSIONS AND CONDITIONS. ANY
DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTING PARTY FOR CORRECTION BY THE RESPONSIBLE TRADE(S).

ALL SKYLIGHT SUPPORT MATERIALS MUST BE CAPABLE OF WITHSTANDING THE HORIZONTAL AND VERTICAL REACTIONS THAT ARE IMPOSED
BY THE SKYLIGHT. FOR SKYLIGHT REACTIONS, REFER TO THE STRUCTURAL CALCULATION SUBMISSION, OR CONTACT SUPER SKY DIRECT.

FURNISHING OF TEMPORARY COVERING AND WEATHERPROOFING OF THE SKYLIGHT OPENINGS, AND THE REMOVAL OF THE PROTECTIVE
MEASURES DURING AND AFTER THE SKYLIGHT INSTALLATION IS EXCLUDED.

INSTALLER NOTE:

PREFABRICATED SKYLIGHT FRAMES ARE SHIPPED KNOCKED-DOWN AND ARE SITE ASSEMBLED.

FABRICATED GLASS UNITS OR GLAZING PANELS ARE SHIPPED BY THE MANUFACTURER AND ARE FIELD GLAZED
INTO THE INSTALLED SKYLIGHT FRAMES.

FRAME AND GLASS SHIPMENTS ORIGINATE FROM TWO SEPARATE PLANTS AND DELIVERY IS NOT SCHEDULED
CONCURRENTLY.

SHEET METAL FLASHING AND CLOSURES ARE FURNISHED SHOP-FORMED TO PROFILE IN STOCK LENGTHS. THE SHEET
METAL IS TO BE FIELD TRIMMED TO LENGTH AND THE ENDS FIELD-FORMED AS NECESSARY TO SUIT AS-BUILT CONDITIONS.
SHEET METAL ENDS ARE TO BE OVERLAPPED 6"-8", SET IN A FULL BED OF SEALANT, AND RIVETED IF REQUIRED.

REFER TO THE SUPER SKY SKYLIGHT INSTALLATION MANUAL FOR FURTHER SKYLIGHT INSTALLATION STANDARDS AND
PRACTICES

PRODUCT RENEWED

as complying with the Florida

Building Code

Acceptance No. 24-0105.02

Expiration Date 05/18/2029

By H. G. A. M. W.

Miami Dade Product Control



SUPER SKY PRODUCTS
ENTERPRISES, LLC
10301 N. ENTERPRISE DR.
MEQUON, WISCONSIN 53092
262-242-2000

REVISION

PROJECT

MOCK-UP
HVHZ - CATEGORY 4
LAMINATED GLASS

ARCHITECT

CONTRACTOR

TITLE

ELEVATION

DADE COUNTY USE

ENGINEER STAMP



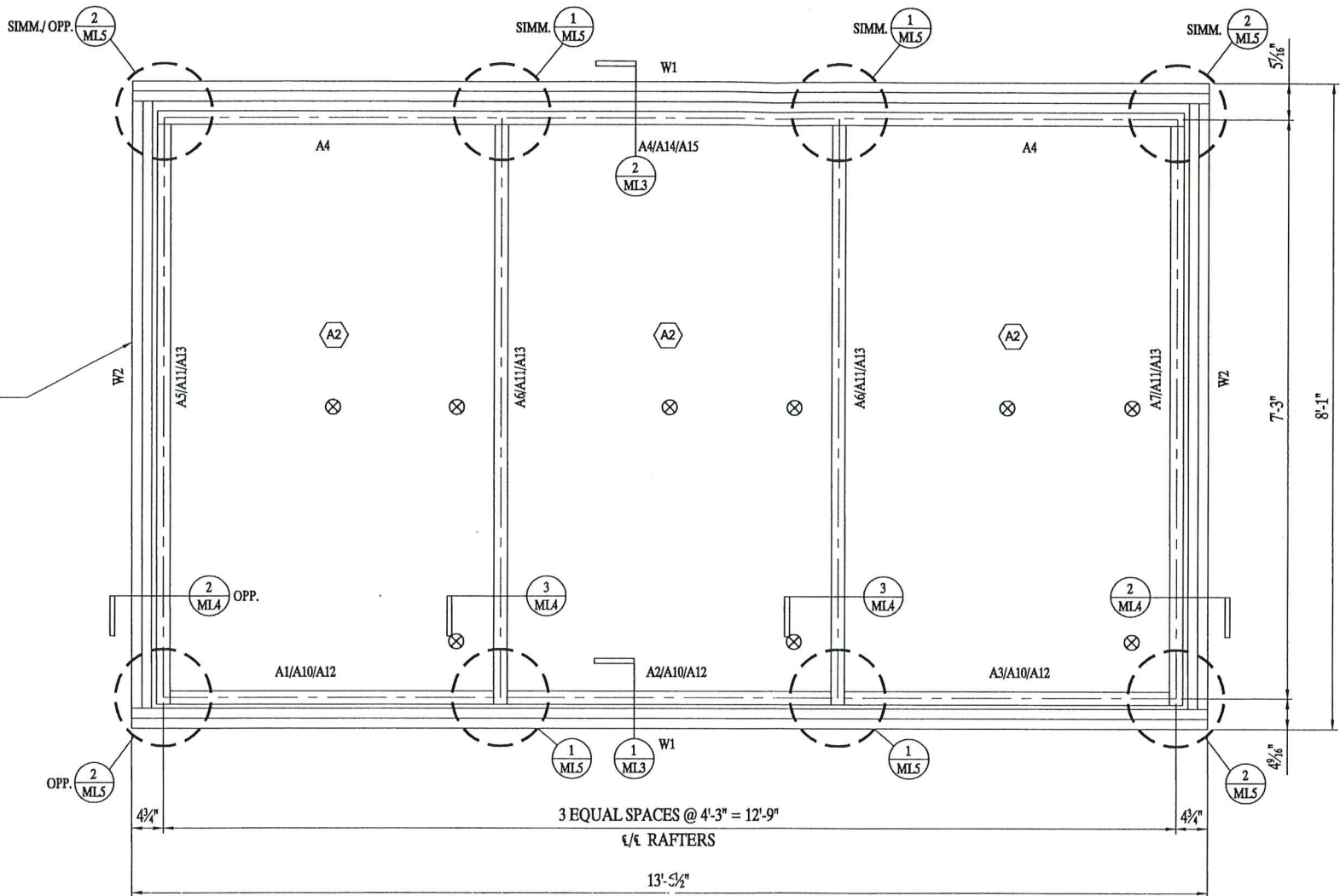
COMPUTERIZED STRUCTURAL DESIGN, INC.
8989 N. PORT WASHINGTON ROAD
MILWAUKEE, WI 53217 EB-0001982
MICHAEL P. RYER
P.E. #50548

CAD FILE NAME

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BC

ML2
OF 6



GENERAL NOTE:

ALL PERIMETER 2 X 12 WOOD FRAMING IS BY SUPER SKY PRODUCTS ENTERPRISES, LLC AND IS TO BE SHOP ASSEMBLED AND ANCHORED TO THE FRAME.

1 ELEVATION (1 REQ'D)

ML2 SCALE: 1" = 1'-0"

NOTE:

⊗ LARGE MISSILE IMPACT TARGET
(80 FT. PER SECOND)

PRESSURE CYCLING @ + 80 PSF, - 90 PSF

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 24-0105.02
Expiration Date 05/16/2029
By H. G. A. Miller
Miami Dade Product Control



SUPER SKY PRODUCTS
ENTERPRISES, LLC
10001 N. ENTERPRISE DR.
MILWAUKEE, WISCONSIN 53002
262-742-2000

REVISION

PROJECT
MOCK-UP
HVHZ - CATEGORY 4
LAMINATED GLASS

ARCHITECT

CONTRACTOR

TITLE
HEAD AND SILL SECTIONS

DADE COUNTY USE

ENGINEER STAMP

PRODUCT RENEWED
as complying with the Florida
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Expiration Date 05/16/2029
By H. S. P. Miller
Miami Dade Product Control

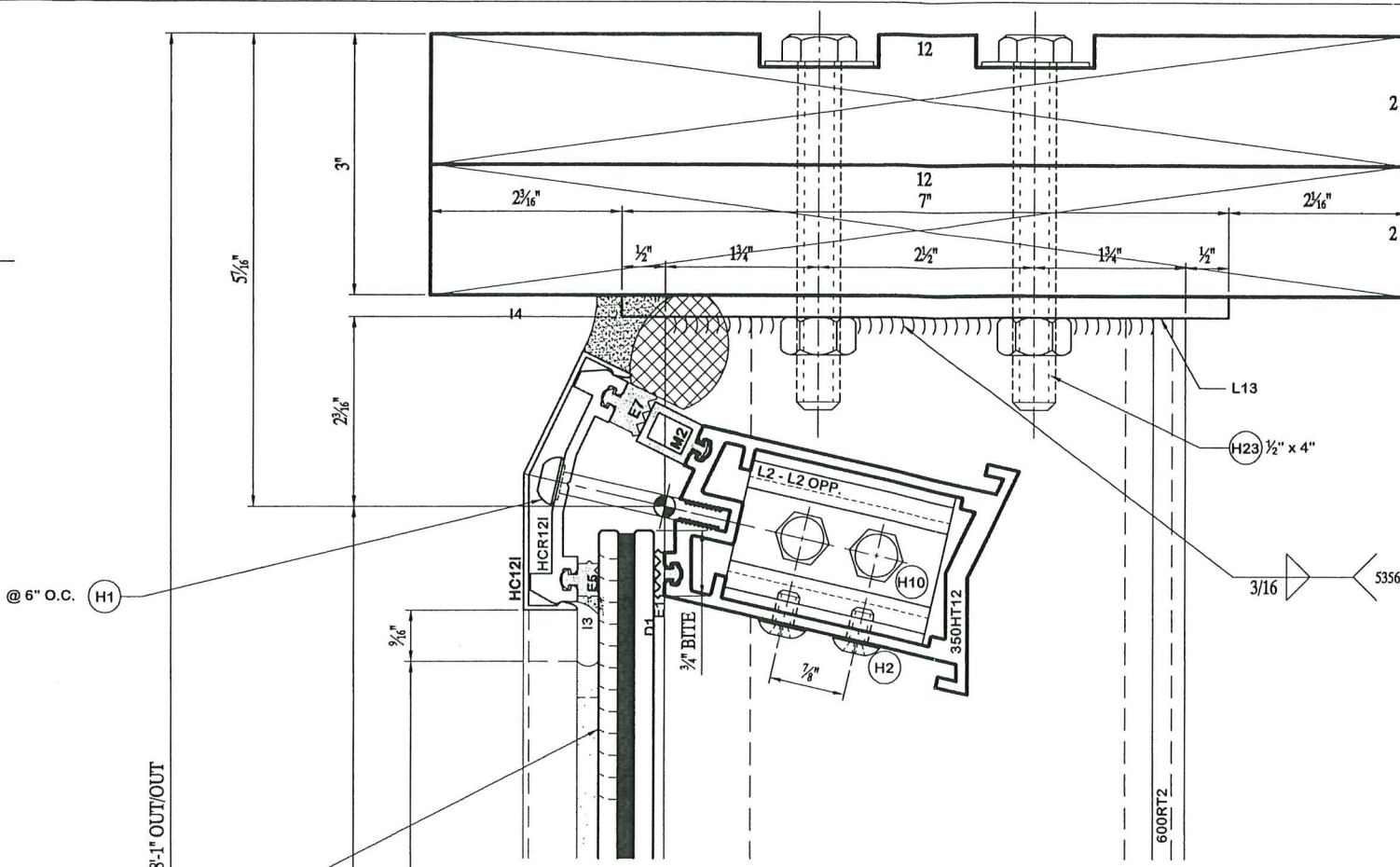


COMPUTERIZED STRUCTURAL DESIGN, INC.
8909 N. PORT WASHINGTON ROAD
MILWAUKEE, WI 53217 EB-0001982
MICHAEL P. RYER
P.E. #50548

CAD FILE NAME:
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ML3
OF 6

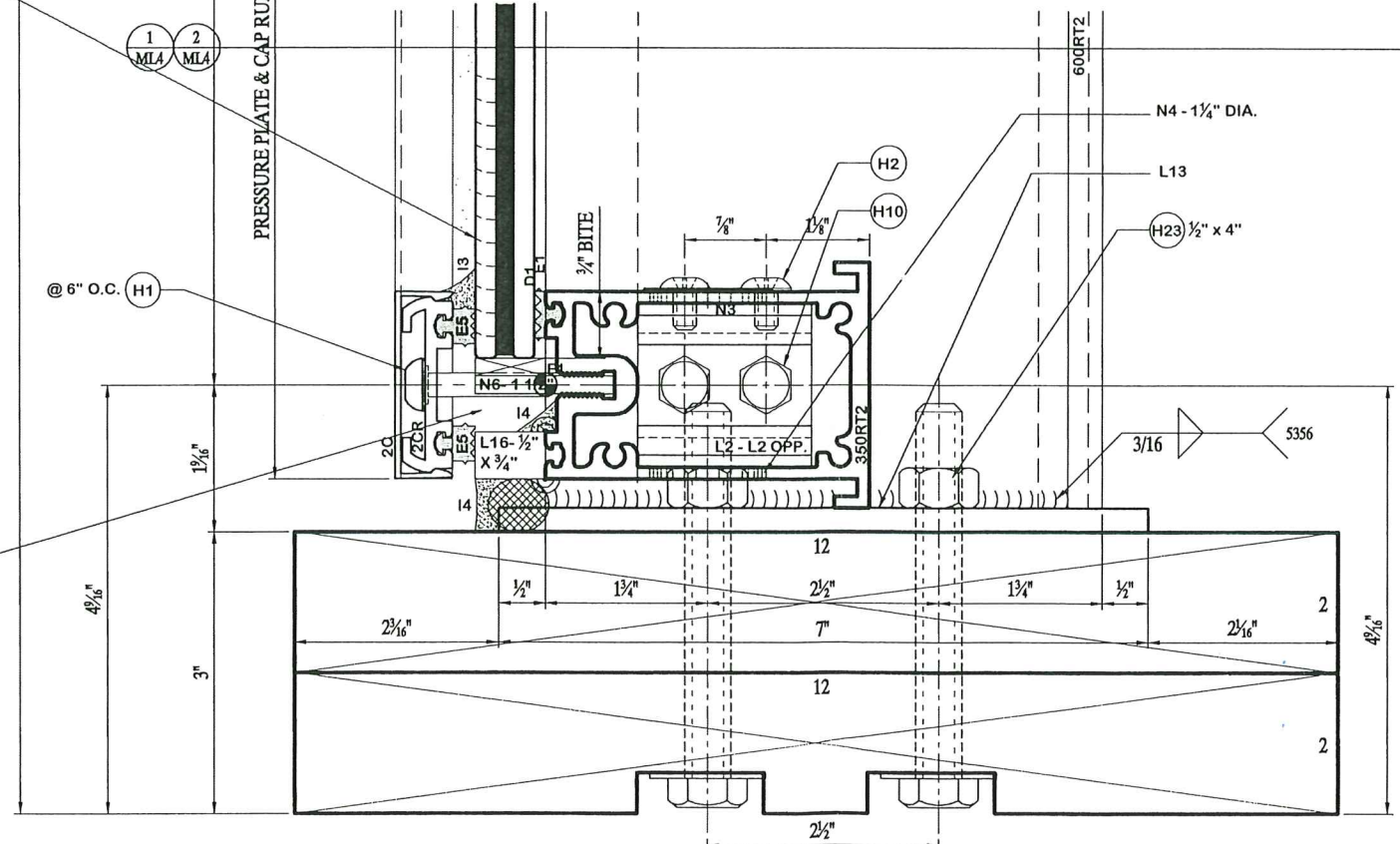
2 HEAD SECTION
ML3 SCALE: FULL



INSTALLATION NOTE:
SEAL BETWEEN THE GLASS EDGES AT ALL INTERSECTIONS PRIOR TO
INSTALLING THE PRESSURE PLATES.

INSTALLATION NOTE:
USE 1" DIAMETER BACKER ROD AND DC 795 BLACK SEALANT TO CREATE
A FLUSH JOINT AT THE PRESSURE PLATE DRAINAGE GAP.

1 SILL SECTION
ML3 SCALE: FULL





SUPER SKY PRODUCTS
ENTERPRISES, LLC
10301 N. ENTERPRISE DR.
MEQUON, WISCONSIN 53092
262-242-2000

REVISION

PROJECT
MOCK-UP
HVHZ - CATEGORY 4
LAMINATED GLASS

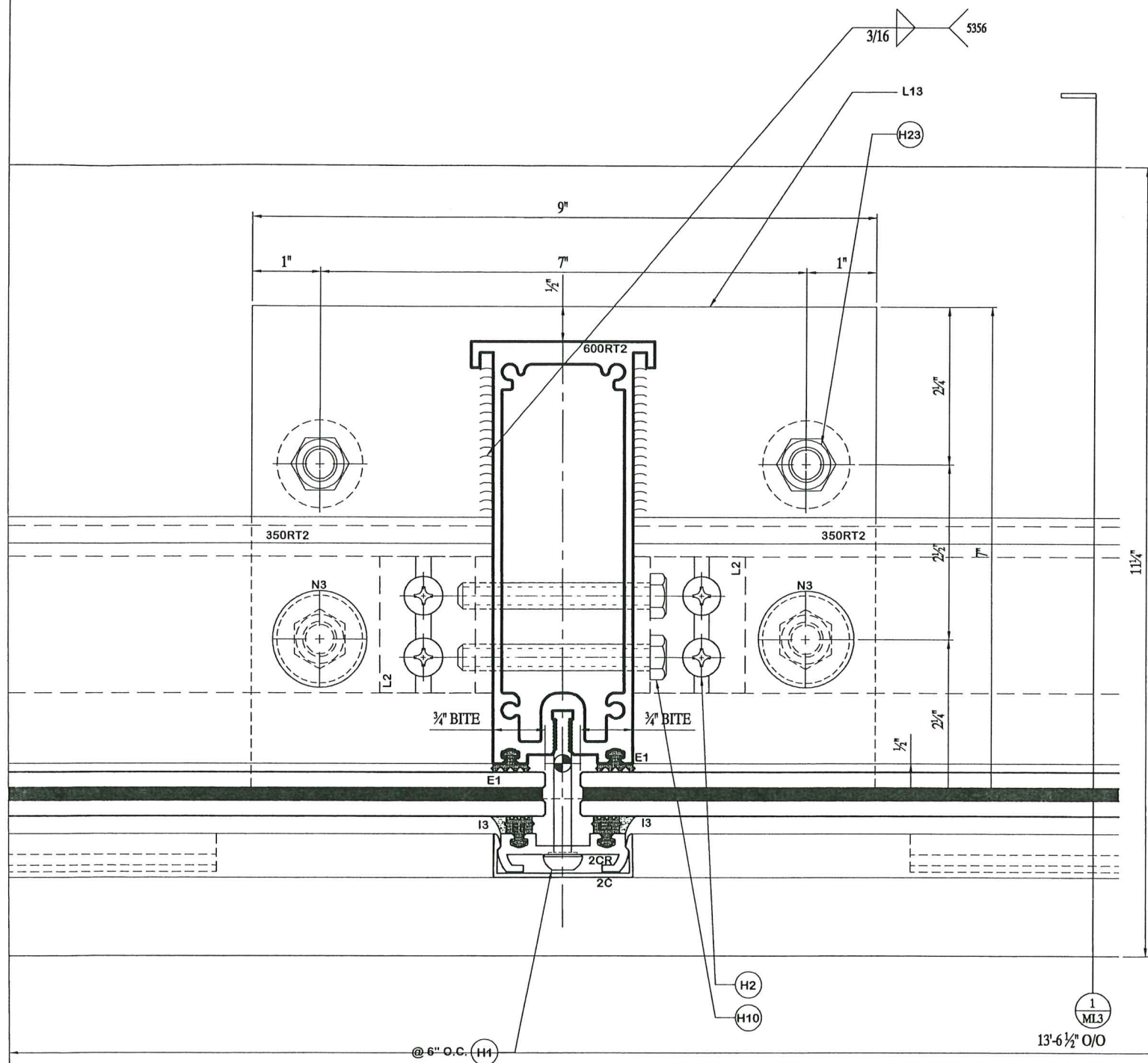
ARCHITECT

CONTRACTOR

TITLE
VERTICAL RAFTER
AND END RAFTER
SECTIONS

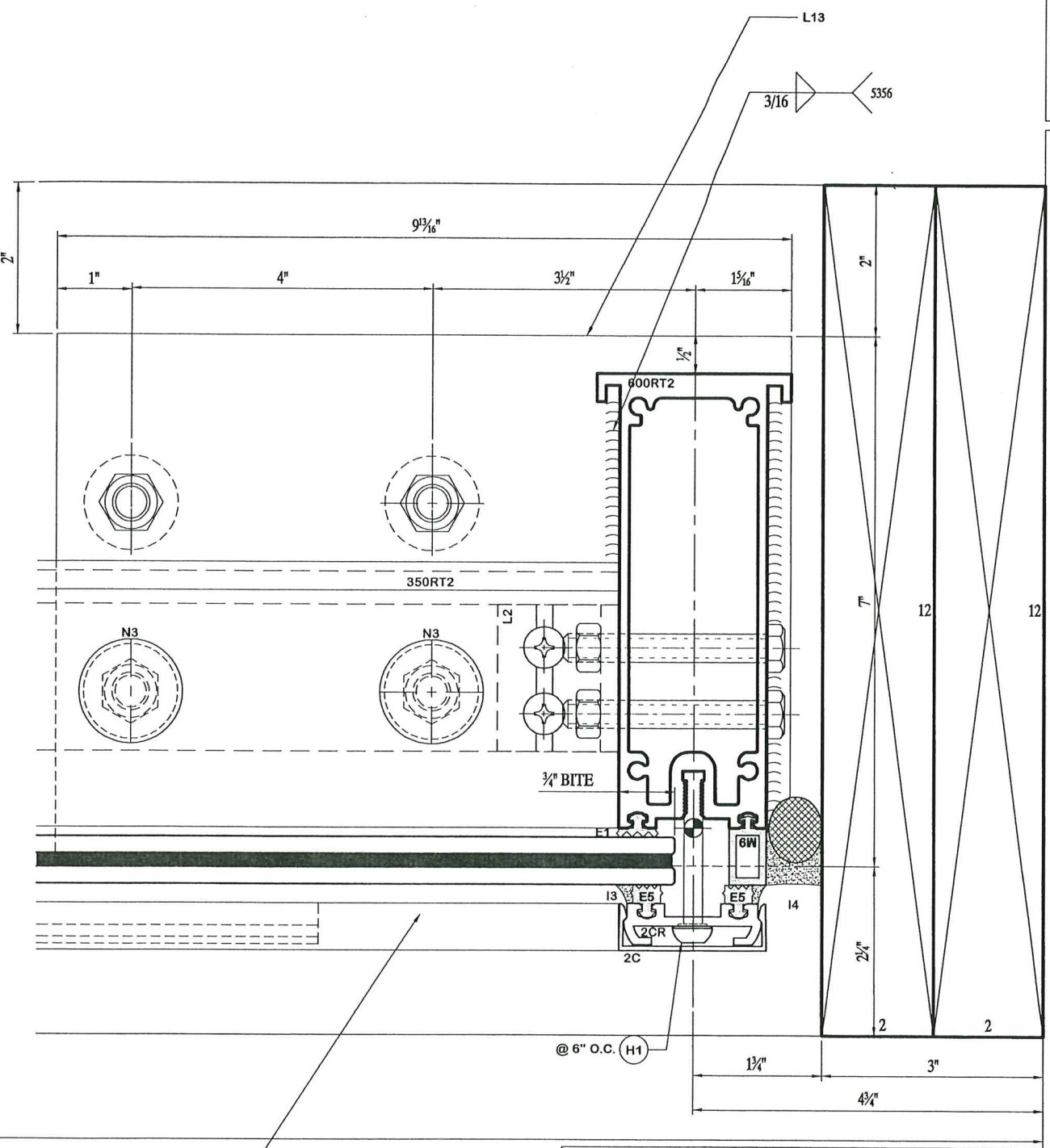
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NBO	3/11/16
SCALE	APPROVAL
FULL	(DP)
PROJECT NO.	
20150223	

ML4
OF 6



1 VERTICAL RAFTER SECTION
SCALE: FULL

INSTALLATION NOTE:
USE 1" DIAMETER BACKER ROD AND DC 795 BLACK SEALANT TO CREATE
A FLUSH JOINT AT THE PRESSURE PLATE DRAINAGE GAP.



2 END RAFTER SECTION
SCALE: FULL

DADE COUNTY USE
PRODUCT RENEWED
as complying with the Florida
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Acceptance No. 24-0105.02
Expiration Date 05/16/2026
By *Michael P. Ryer*
Miami Dade Product Control

ENGINEER STAMP



COMPUTERIZED STRUCTURAL DESIGN, INC.
8989 N. PORT WASHINGTON ROAD
MILWAUKEE, WI 53217 EB-0001982
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P.E. #50548

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SUPER SKY PRODUCTS
ENTERPRISES, LLC
10301 N. ENTERPRISE DR.
MEQUON, WISCONSIN 53092
262-242-2000

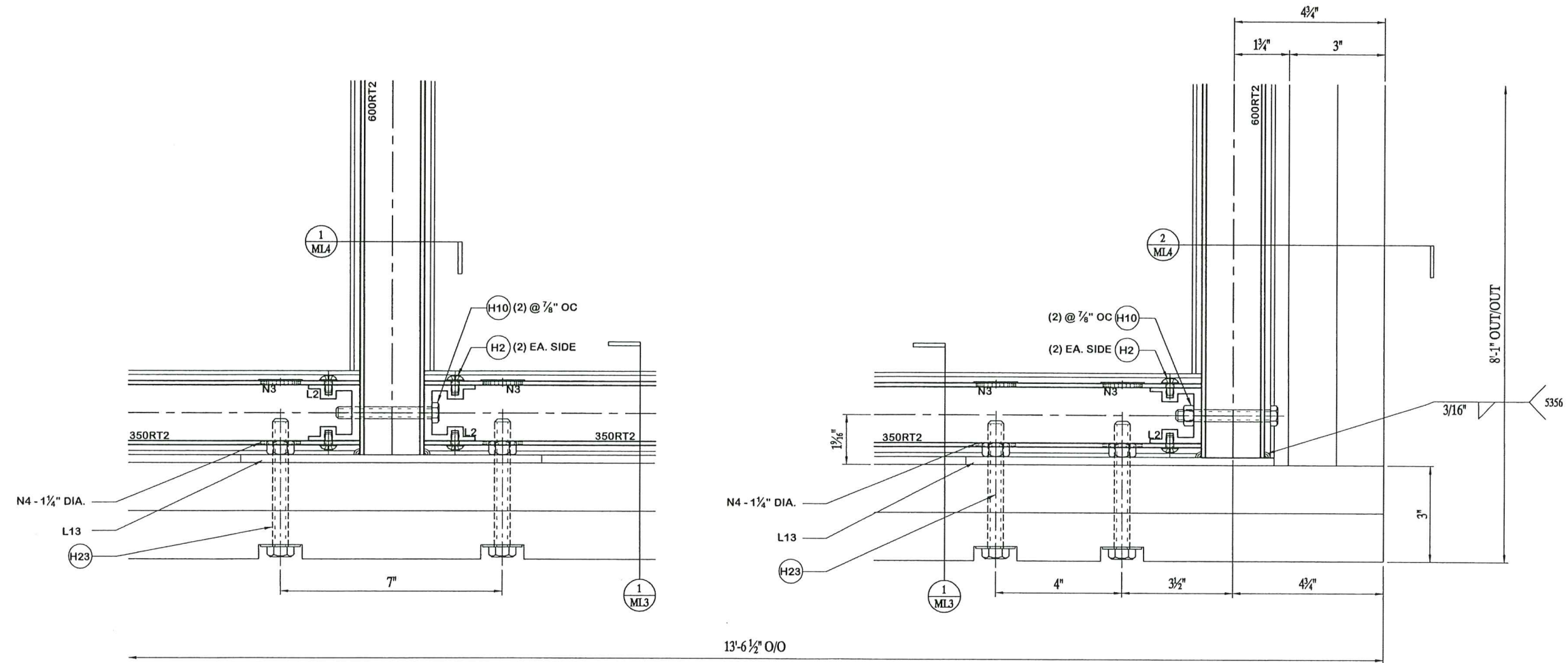
REVISION

PROJECT
MOCK-UP
HVHZ - CATEGORY 4
LAMINATED GLASS

ARCHITECT

CONTRACTOR

TITLE
CONNECTION DETAILS



1 CONNECTION DETAIL
SCALE: HALF

2 CONNECTION DETAIL
SCALE: HALF

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 24-0105.02
Expiration Date 05/16/2029
By H. G. A. Miller
Miami Date Product Control

DADE COUNTY USE

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COMPUTERIZED STRUCTURAL DESIGN, INC.
8989 N. PORT WASHINGTON ROAD
MILWAUKEE, WI 53217 EB-0001982
MICHAEL P. RYER
P.E. #50548

DATE FILED

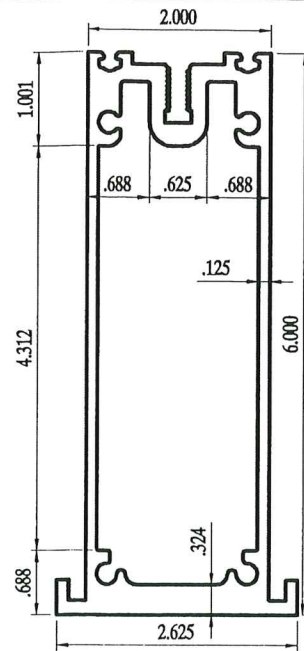
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DATE
3/11/16

APPROVAL
(DP)

PROJECT NO.
20150223

ML5
OF 6



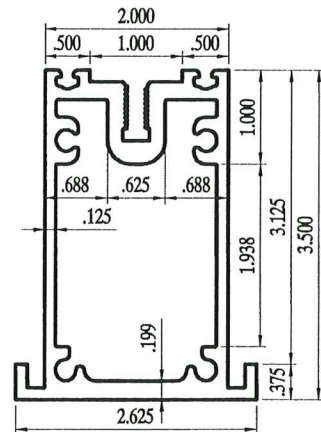
600 RAFTER TUBE

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: 6005-T5



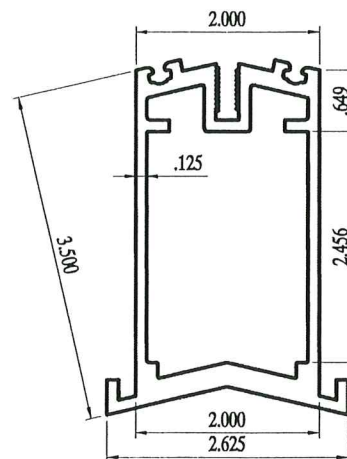
350 RAFTER TUBE

FULL SCALE

SUMMARY OF PROPERTIES

Centre of Mass [1.31243, 1.7169, 0]
 Surface Area 2.12343 inch **2
 Moment about X axis 1.2925 inch **4
 Moment about Y axis 3.52933 inch **4
 Polar Moment 4.82184 inch **4
 Principal Axes Rotation Angle = 90°-0'
 Radii of Gyration:
 Polar 1.50691 inch
 X axis 0.780183 inch
 Y axis 1.28922 inch

Weight Per Linear Foot: 2.484413 lbs
 Aluminum Alloy: 6005-T5



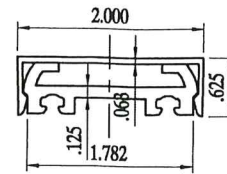
350 HIP TUBE 12°-55'

FULL SCALE

SUMMARY OF PROPERTIES

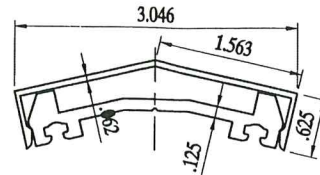
Centre of Mass [1.00003, 2.12172, 0]
 Surface Area 1.20076 inch **2
 Moment about X axis 0.290704 inch **4
 Moment about Y axis 2.31602 inch **4
 Polar Moment 2.60673 inch **4
 Principal Axes Rotation Angle = 90°-0'
 Radii of Gyration:
 Polar 1.47340 inch
 X axis 0.492037 inch
 Y axis 1.38881 inch

Weight Per Linear Foot: 1.404889 lbs
 Aluminum Alloy: 6005-T5



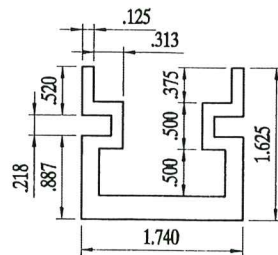
RAFTER CAP & RETAINER

FULL SCALE (ALLOY 6005-T5) △



HIP CAP & RETAINER

FULL SCALE (ALLOY 6005-T5) △



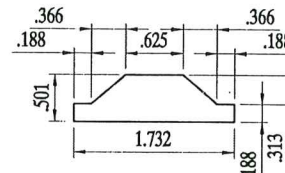
CHANNEL CLIP

FULL SCALE

SUMMARY OF PROPERTIES

Area: 1.01841
 Perimeter: 11.73200
 Centroid: X: 0.87000
 Y: 0.57472
 Moments of Inertia: X: 0.22967
 Y: 0.40687
 Radii of Gyration: X: 0.47488
 Y: 0.63207
 Principal Moments: X: 0.02297
 Y: 0.40687

Weight Per Linear Foot: 1.3150 lbs
 Aluminum Alloy: 6005-T5



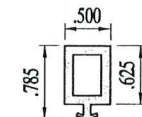
ANCHOR PLATE

FULL SCALE

SUMMARY OF PROPERTIES

Area: 0.63564
 Perimeter: 4.07141
 Centroid: X: 0.86000
 Y: 0.20679
 Moments of Inertia: X: 0.01187
 Y: 0.11019
 Radii of Gyration: X: 0.13664
 Y: 0.41637
 Principal Moments: X: 0.01187
 Y: 0.11019

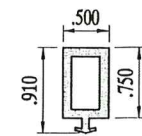
Weight Per Linear Foot: 0.7630 lbs
 Aluminum Alloy: 6005-T5



RIGID PVC #820 W/ 0.095" (MIN.) WALL

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

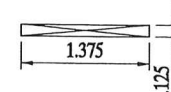
FULL SCALE



RIGID PVC #820 W/ 0.095" (MIN.) WALL

1/2" x 3/4" RIGID PVC FILLER BAR

FULL SCALE



TYPE II SILICONE RUBBER

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

1/8" x 3/4" x 4" LONG SETTING BLOCK

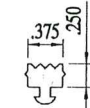
FULL SCALE



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

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

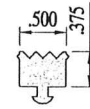
FULL SCALE



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

3/8" x 1/2" EPDM GLAZING STRIP

FULL SCALE



SUPER SKY PRODUCTS
 ENTERPRISES, LLC
 10301 N. ENTERPRISE DR.
 MEQUON, WISCONSIN 53092
 262-242-2000

REVISION

PROJECT

MOCK-UP
 HVHZ - CATEGORY 4
 LAMINATED GLASS

ARCHITECT

CONTRACTOR

TITLE

CONNECTION DETAILS

DADE COUNTY USE PRODUCT RENEWED as complying with the Florida Building Code Acceptance No. 24-0105-02 Expiration Date 05/16/2029 By: <i>Heidi A. Miller</i> Miami Dade Product Control	ENGINEER STAMP * MICHAEL P. RYER * LICENSE No. 50548 * STATE OF FLORIDA * PROFESSIONAL SEAL 4-22-24
COMPUTERIZED STRUCTURAL DESIGN, INC. 8989 N. PORT WASHINGTON ROAD MILWAUKEE, WI 53217 EB-0001982 MICHAEL P. RYER P.E. #50548	
CAD FILE NAME 20150223ML-D1.dwg	

DRAWN BY NBO DATE 3/11/16

SCALE FULL APPROVAL (DP)

PROJECT NO. 20150223

ML6
 OF 6