



**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.buildingcodeonline.com](http://www.buildingcodeonline.com)

**NOTICE OF ACCEPTANCE (NOA)**

**Naturalite Skylight Systems**

**P. O. Box 629  
 Terrell, TX 75160**

**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: Custom Aluminum Framed Skylight System**

**APPROVAL DOCUMENT:** Drawing No. E, titled "BMS-3000 HR Product Approval", prepared by David S. Barron, P.E., last revision dated May 18, 1998, sheets 1 through 12 of 12, signed and sealed by David S. Barron, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and 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 # 01-0118.02 and consists of this page 1, evidence submitted page E-1 and E-2 as well as approval document mentioned above.

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



*Helmy A. Makar*  
 07/20/2006

NOA No 06-0412.01  
 Expiration Date: 09/24/2011  
 Approval Date: 07/20/2006  
 Page 1

Naturalite Skylight Systems

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 97-0903.13**

**A. DRAWINGS**

1. *Drawing No. E, titled "BMS-3000 HR Product Approval", prepared by David S. Barron, P.E., last revised on 05/18/98, sheets 1 through 12 of 12, 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 Naturalite Skylight Systems, prepared by Hurricane Test Laboratory, Inc., Report No. 0142-0808-97, dated 08/11/97 and 08/22/97, signed and sealed by Timothy S. Marshall, P.E.*

**C. CALCULATIONS**

1. *Calculation titled "BMS-3000 HR Skylight System", dated 08/26/97, pages 1 through 21 of 21, 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 08/27/97, with the glass strength analysis signed by Christine Shaffer.*
2. *The Die Drawing Numbers 4057, 4062, 3410, 3905, 3950, by EPI Architectural Systems, Inc., Part No. AC329/330, 74765-A, 74767-A, 74770, 74769-A, 74772-A, by Naturalite/EPI, Inc., Die Drawing No. 6475 by National Northeast Corporation, Die Drawing No. 75951, 75979, 75953A, 75952A, 75948, by Naturalite.*

**2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 01-0118.02**

**A. DRAWINGS**

1. *None.*

**B. TESTS**

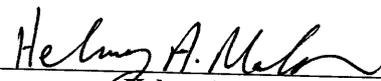
1. *None.*

**C. CALCULATIONS**

1. *None.*

**D. MATERIAL CERTIFICATIONS**

1. *None.*

  
Helmy A. Makar, P.E.

Product Control Examiner

NOA No 06-0412.01

Expiration Date: 09/24/2011

Approval Date: 07/20/2006

**Naturalite Skylight Systems**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**3. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. *None.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

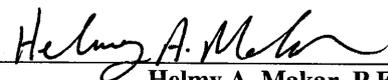
1. *Calculation titled "BMS-3000 HR Skylight System", dated 02/01/99, pages 1 through 21 of 21, prepared by David S. Barron, P.E., signed and sealed by David S. Barron, P.E.*

**D. QUALITY ASSURANCE**

1. *By Miami-Dade County Building Code Compliance office.*

**E. MATERIAL CERTIFICATIONS**

1. *None.*



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Helmy A. Makar, P.E.  
Product Control Examiner  
NOA No 06-0412.01  
Expiration Date: 09/24/2011  
Approval Date: 07/20/2006

**FRAMING NOTES:**

- ① 1/16" KOROLATH ISOLATOR (MIN) AND KOROLATH SHIMS AS REQ'D
- ② 1/8" CONTINUOUS ALUMINUM ANGLE.
- ④ FORMED ALUMINUM FLASHING, LAP 3" MIN. & BED SEAL w/⑧ ( EXTERIOR )
- ⑤ FORMED ALUMINUM FLASHING ( MISCELLANEOUS EXTERIOR )

- ⑨ 1/4" DIAMETER WEEP HOLES
- ⑩ OPEN CELL RETICULATED FOAM BAFFLE

WORKPOINT

**FASTENER ABBREVIATIONS**

SIZE	LENGTH	HEAD	TYPE	MATERIAL
#8		FLAT	A POINT SMS	ALUMINUM
#10		PAN	B POINT TAPPING	CAD PLATED
#14		HEX	AD POINT	STEEL
#17		TRUSS	CAP SCREW	STAINLESS
3/8"		ROUND	MACHINE SCREW	GRADE 2
1/2"		SOCKET	LAG BOLT	GRADE 2
1 1/32"		TORX	TEKS SCREW	ZINC PLATED
			FLAT WASHER	STEEL
			LOCK WASHER	
			HEX NUT	
			BYWUT	
			BUTTON HEAD	

EXAMPLE: #10 x 3/4" PAS = PAN HEAD, A POINT, SHEET METAL SCREW, STAINLESS STEEL.  
 NOTE: ALL HEX HEAD GLAZING CAP FASTENERS TO HAVE STAINLESS STEEL/EPDM FLAT WASHERS. ALL EXPOSED FASTENERS TO BE COLORED TO MATCH.

**CONCRETE/MASONRY ANCHORS**

- SA SLEEVE ANCHOR ( w/ FWS, LWS, & HNC )
- HVA HILTI ADHESIVE ANCHOR ( w/ FWS, LWS, & HNC )
- SB STUD BOLT ( w/ FWS, LWS, & HNC )
- HIT HILTI RENOVATION ANCHOR ( w/ FWS, LWS, & HNC )
- HKB HILTI KWIK CON II
- HKB HILTI KWIK BOLT II

**SEALANTS AND TAPES**

- Ⓐ
- Ⓑ DOW CORNING 795 COLOR GRAY
- Ⓒ SEALANT Ⓓ w/ BACKER ROD
- Ⓓ
- Ⓔ DOW CORNING 795 (BLACK)
- Ⓕ
- Ⓖ DOW #1200 PRIMER OR EQUAL

**GLAZING NOTES:**

- Ⓐ SILICONE COMPATIBLE SETTING BLOCK (60 DUR ± 5). LOCATE OUTSIDE EDGE 9" MAXIMUM LEFT & RIGHT OF RAFTER CENTERLINE.
- Ⓑ EPDM EDGE BLOCK (60 DUR ± 5). LOCATE 1'-0" MAXIMUM LEFT & RIGHT OF PURLIN CENTERLINE & 1'-0" ABOVE SILL.
- Ⓒ DENSE EPDM GLAZING GASKET (60 DUR ± 5)
- Ⓓ OPEN CELL FOAM BACKER ROD

**BMS - 3000 HR PRODUCT APPROVAL  
 MOCK-UP TESTING  
 PA 201 - 94, 202 - 94 & 203 - 94**

This skylight system is approved only for installation at 30ft. or higher above ground level. It is tested for small missile impact.

**GENERAL NOTES:**

1. Maximum design pressures are +67.5psf & -125.0 psf
2. Bituminous paint / zinc chromate or an equal separation material is required when aluminum comes in contact with steel or wood or other dissimilar materials.
3. This skylight system is approved only for installation at 30ft. or higher above ground level. It is tested for small missile impact.
4. 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 purlins and the maximum qualified design pressure shown on these drawings.
5. The glass tested was 9/16" laminated glass (1/4" heat strengthened glass, .090 PVB interlayer and 1/4" heat strengthened glass). The PVB interlayer is Monsanto's Saflex PVB (Dade County Product Approval number 96-0517.01). The glass was fabricated by Viracon, Inc.
6. The structural adequacy of the supporting structural steel 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.
7. All aluminum extrusions were of the alloy and temper as noted in the supporting calculations.

PRODUCT RENEWED  
 as complying with the Florida Building Code  
 Acceptance No. 06-0412.01  
 Expiration Date 09/24/2011  
 By Helmut A. Mabe  
 Miami Dade Product Control Division

ENCLOSURE(S) TO SUPPORT THE FOLLOWING LOADS:  
 1) +67.5 PSF WIND LOAD ± 8 PSF DEAD LOAD  
 2) -125 PSF WIND LOAD ± 8 PSF DEAD LOAD

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
 DATE September 24, 1998  
 BY Helmut A. Mabe  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 97-0903.13

PRODUCT RENEWED  
 ACCEPTANCE No. 01-0118.02  
 EXPIRATION DATE 09/24/2006  
 By Helmut A. Mabe  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE

DAVID S. BARRON  
 337 C-1 HARVEY AVE.  
 GREENSBURG, PA. 15601  
 1-724-838-1524  
 STATE OF FLORIDA REGISTERED ENGINEER  
 NO. 0036374

David S. Barron  
 7-9-98

**ERECTOR/INSTALLER NOTE:**

SKYLIGHT IS TO BE INSTALLED LEVEL & PROPERLY ALIGNED. OVERALL WORKPOINT DIMENSIONS ARE TO BE HELD AS SHOWN, TO ENSURE PROPER FIT AND FUNCTION OF THE UNIT.

ALL DETAILS ARE 1/2 FULL SIZE UNLESS OTHERWISE NOTED

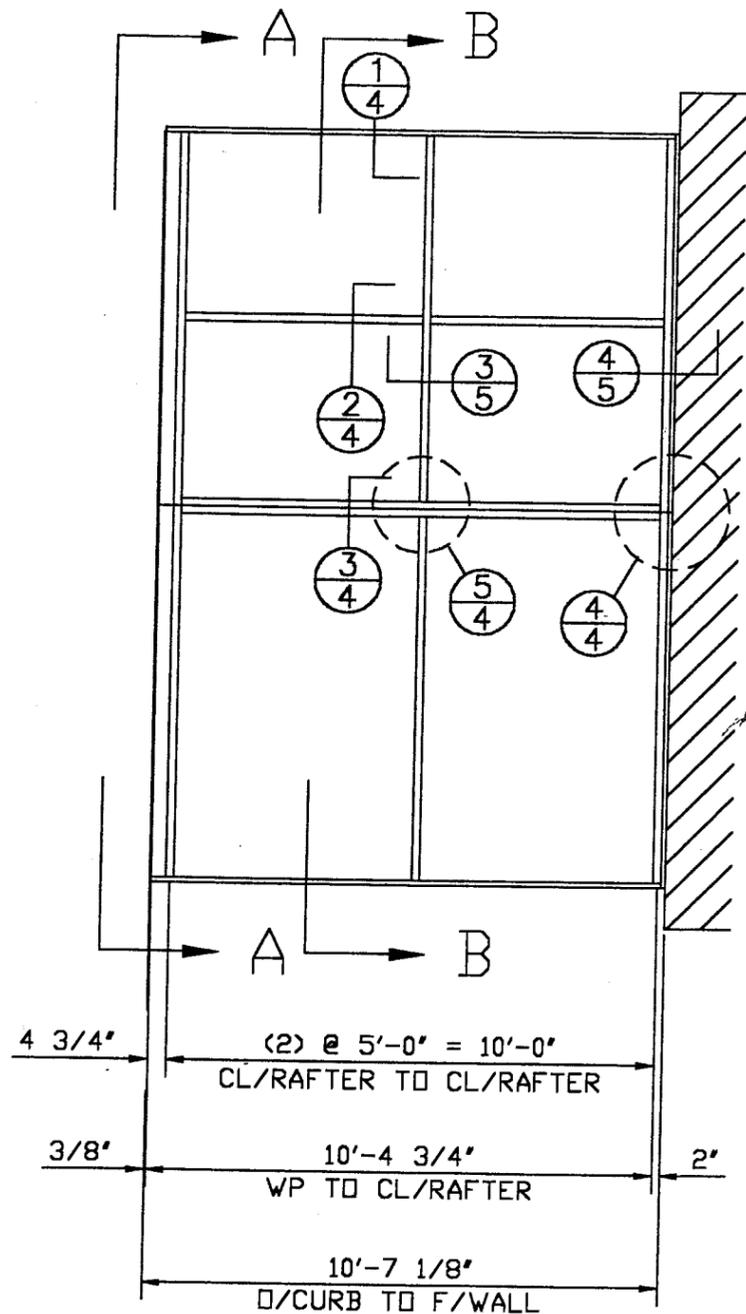
REFER TO SHEET ONE FOR DETAIL AND GENERAL NOTES

**NATURALITE**  
 SKYLIGHT SYSTEMS  
 750 AIRPORT ROAD  
 P.O. BOX 629  
 TERRELL, TEXAS 75160  
 1-972-551-6400  
 A DIVISION OF BUTLER MANUFACTURING COMPANY

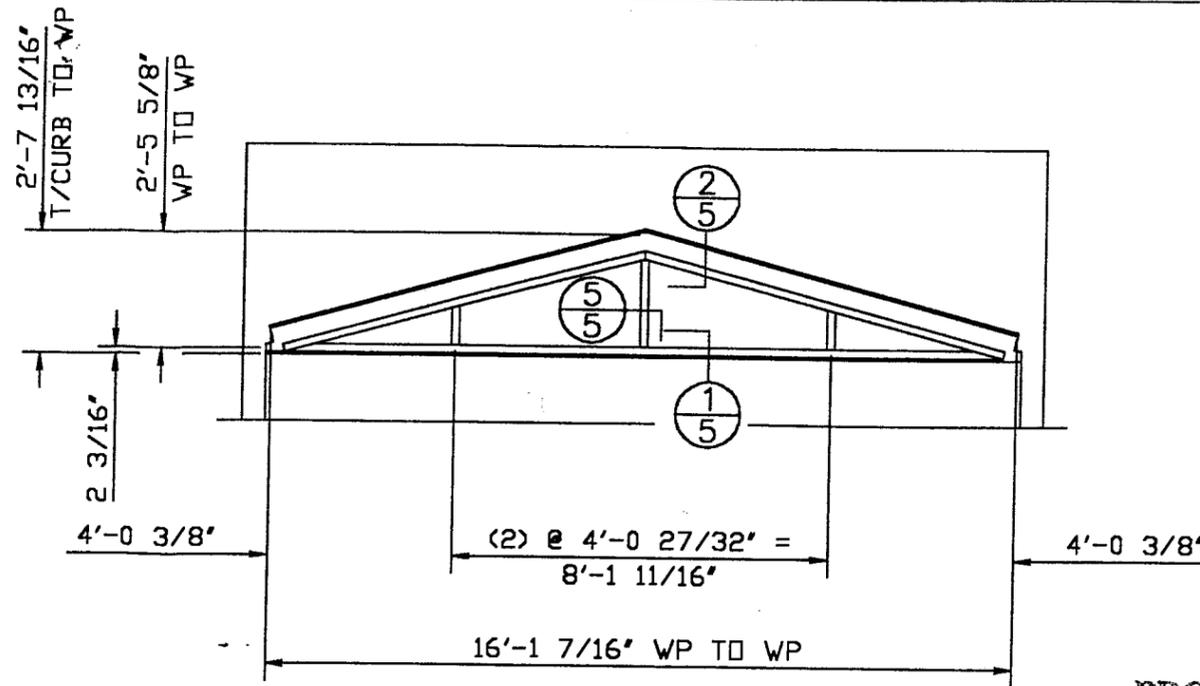
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PLOT NO.		LOCATION DADE COUNTY, FL.		EF-7269	
MANUAL COMP.		CUSTOMER		DRAWING NO.	
ERECTION	DATE	CONTRACTOR		E1 OF 12	
CHECKED	DATE	ARCH/ENGR			
		TITLE SHEET			

REVISIONS	DETAILER	BV	DRAWINGS ISSUED DATE	USE	REVISIONS	DETAILER	BV	DRAWINGS ISSUED DATE	USE
	BG		5/29/97	1ST. SUBMISSION					
	BG		8/7/97	ERECTION					
	BG		8/25/97	RECORD					
	BG		3/18/98	RECORD					

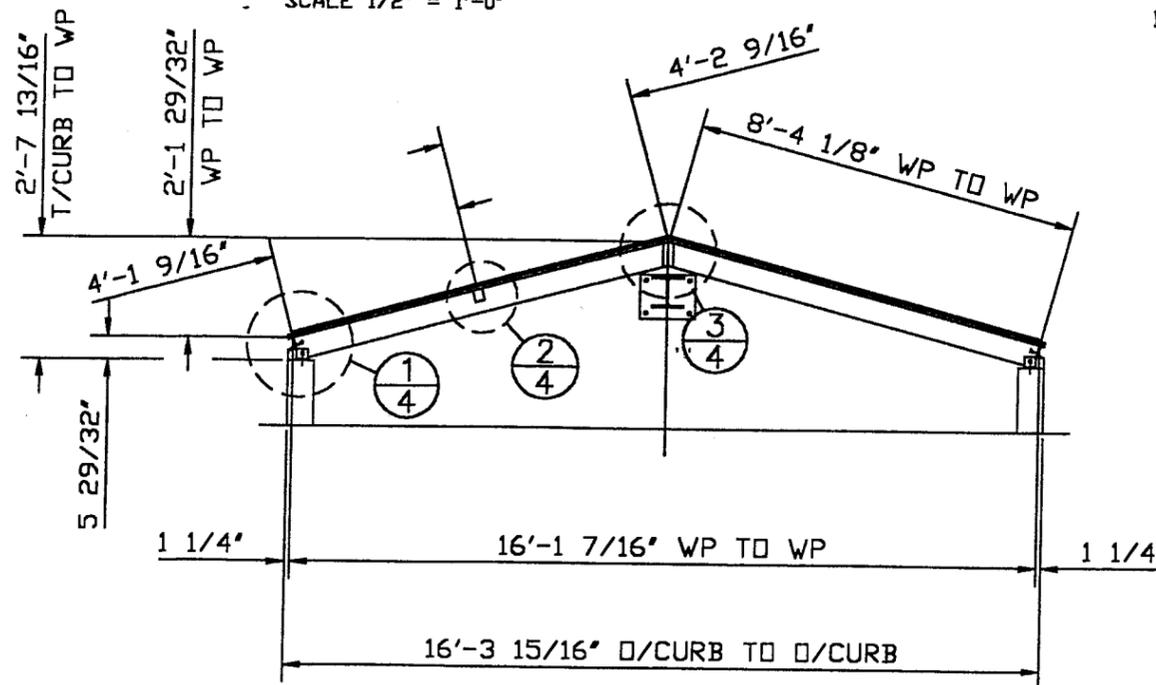
# PA 202-94 MOCK-UP TEST



PLAN VIEW OF SKYLIGHT UNIT #1  
SCALE 1/2" = 1'-0"  
ONE (1) REQD.



ELEVATION 'A-A' OF SKYLIGHT  
SCALE 1/2" = 1'-0"



SECTION 'B-B' OF SKYLIGHT  
SCALE 1/2" = 1'-0"

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 06-0412.01  
Expiration Date 09/24/2011  
By *Helmy A. Maher*  
Miami Dade Product Control  
Division

PRODUCT RENEWED  
ACCEPTANCE No. 01-0118-02  
EXPIRATION DATE 09-24-2006  
By *Helmy A. Maher*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE *September 24 1998*  
BY *Helmy A. Maher*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 97-0903.13

*David S. Brann*  
7-9-98

REVISIONS	DETAILER	BV	DRAWINGS ISSUED DATE	USE	REVISIONS	DETAILER	BV	DRAWINGS ISSUED DATE	USE
	<i>BG</i>		5/29/97	1ST. SUBMISSION					
	<i>BG</i>		8/7/97	ERECTION					
	<i>BG</i>		8/25/97	RECORD					
	<i>BG</i>		5/18/98	RECORD					

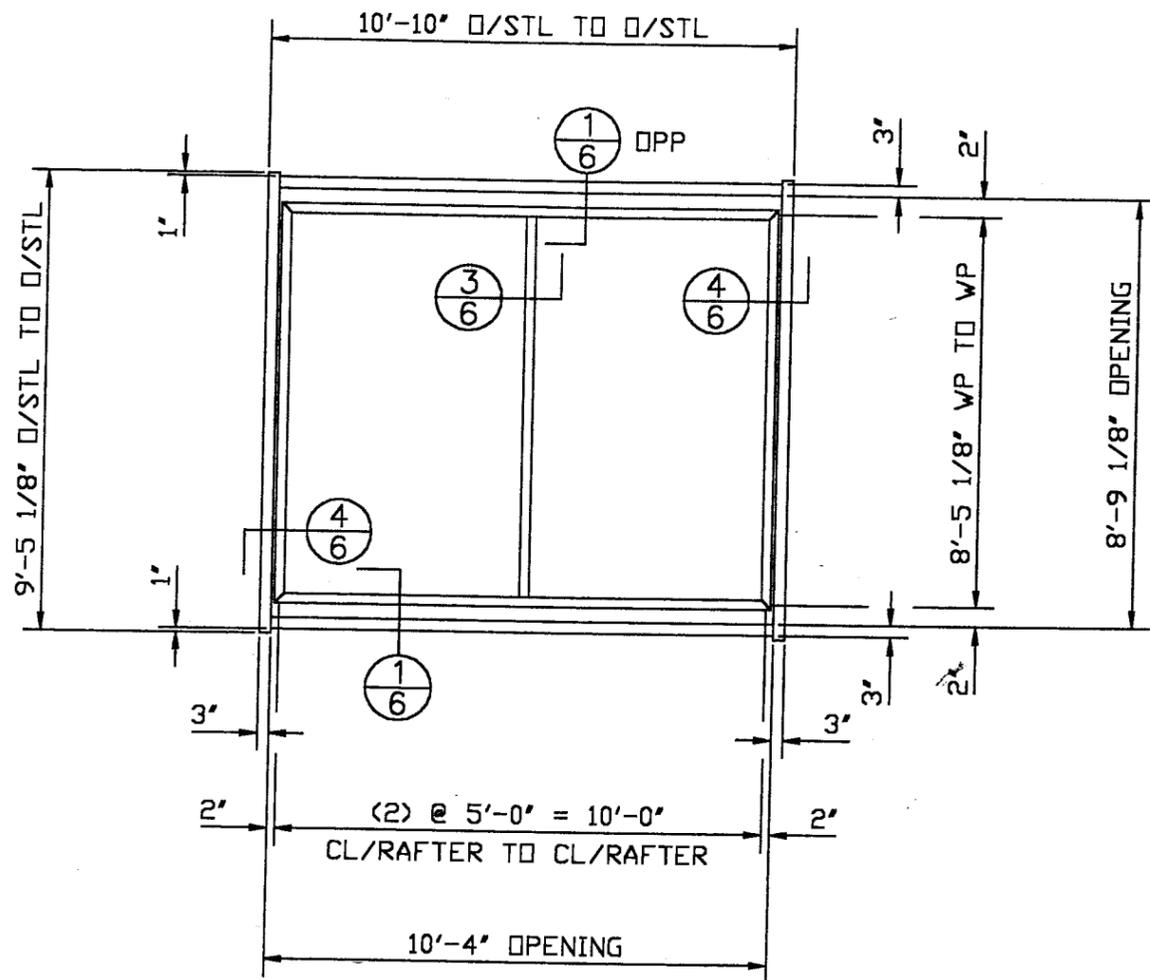
ALL DETAILS ARE 1/2 FULL SIZE UNLESS OTHERWISE NOTED

REFER TO SHEET ONE FOR DETAIL AND GENERAL NOTES

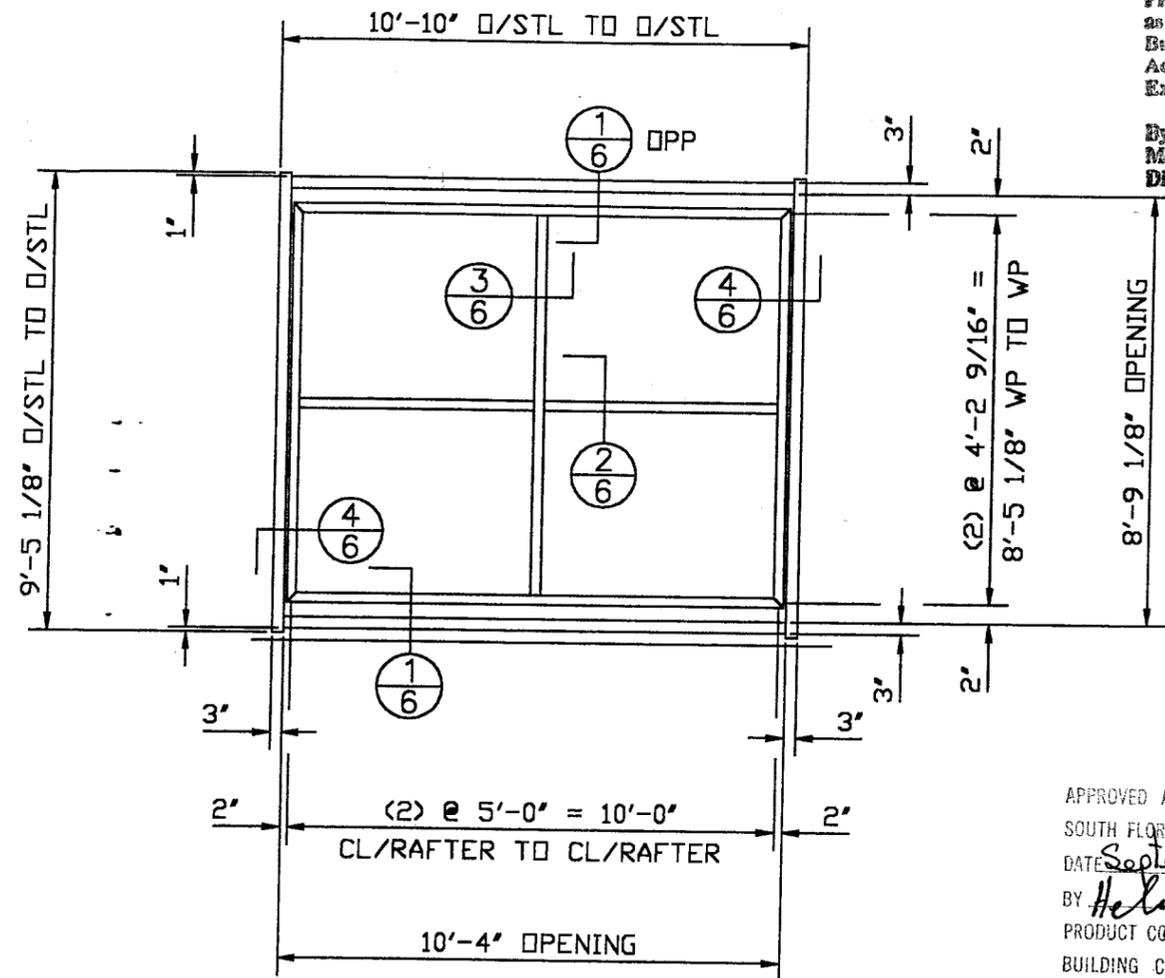
**NATURALITE**  
SKYLIGHT SYSTEMS  
750 AIRPORT ROAD  
P.O. BOX 629  
TERRELL, TEXAS 75160  
1-972-331-6400  
A DIVISION OF BUTLER MANUFACTURING COMPANY

PLOT FACTOR		JOB NAME	BMS - 3000 HR PRODUCT APPROVAL	JOB NUMBER
PLOT NO.		LOCATION	DADE COUNTY, FL.	EF-7269
MANUAL COMP.		CUSTOMER		
ERECTION	DATE	CONTRACTOR		DRAWING NO.
CHECKED	DATE	ARCH/ENGR		E2 OF 12
TITLE PLAN, ELEVATION & SECTION				

# PA 201 & 203-94 SMALL MISSILE IMPACT & CYCLIC TEST BUCK



ELEVATION OF SKYLIGHT UNIT #2  
SCALE 1/2" = 1'-0"  
TWO (2) REQD.



ELEVATION OF SKYLIGHT UNIT #3  
SCALE 1/2" = 1'-0"  
TWO (2) REQD.

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 06-0412.01  
Expiration Date 09/24/2011  
By *Helmy A. Matar*  
Miami Dade Product Control  
Division

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE *September 24, 98*  
BY *Helmy A. Matar*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 97-0903-13

*David Strain*  
7-9-98

REVISIONS		DETAILER	BV	DRAWINGS ISSUED DATE	USE	REVISIONS		DETAILER	BV	DRAWINGS ISSUED DATE	USE
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		<i>BG</i>		8/7/97	ERECTION						
		<i>BG</i>		8/23/97	RECORD						
		<i>BG</i>		5/18/98	RECORD						

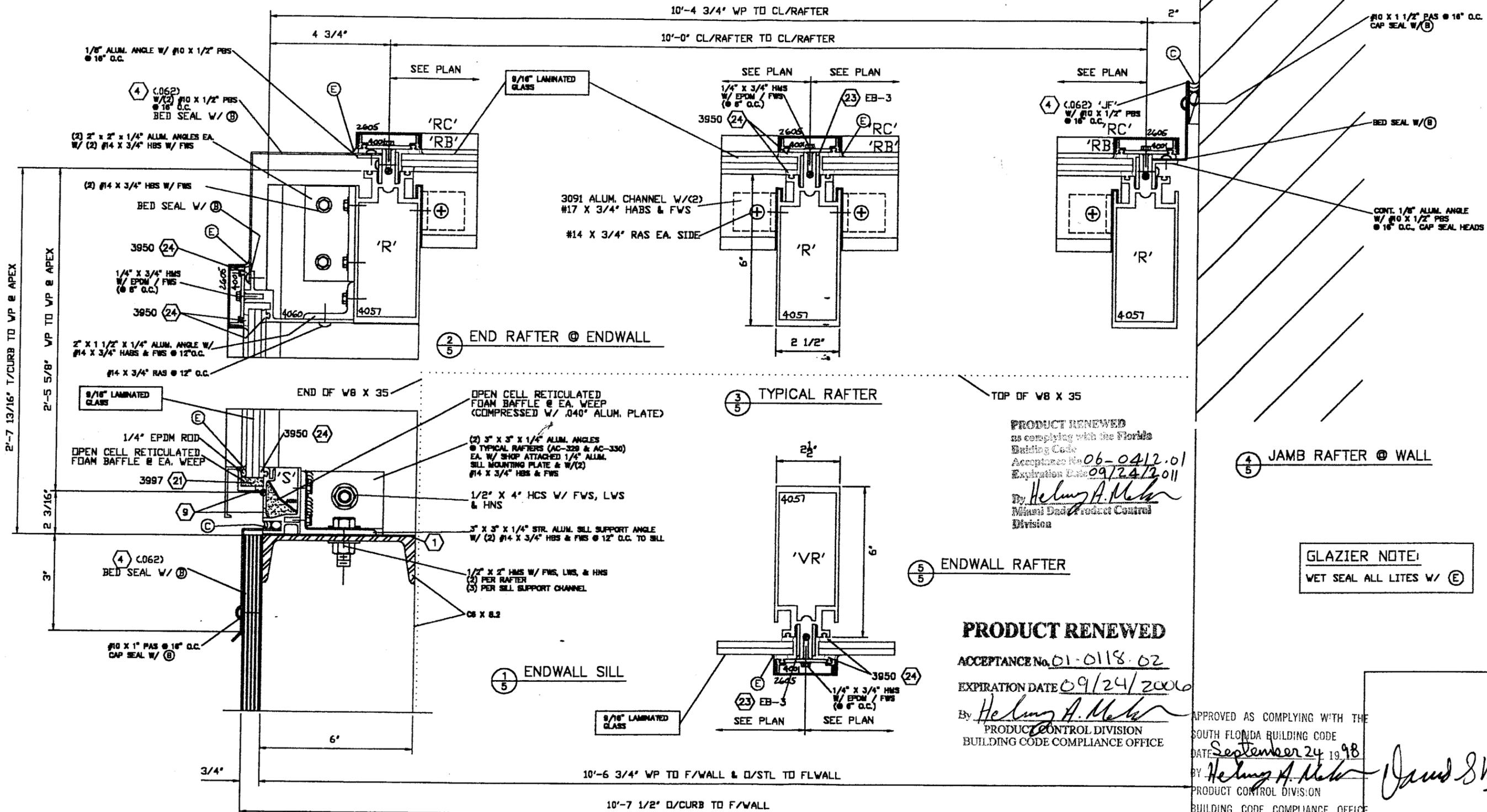
ALL DETAILS ARE 1/2 FULL SIZE UNLESS OTHERWISE NOTED

REFER TO SHEET ONE FOR DETAIL AND GENERAL NOTES

**NATURALITE**  
SKYLIGHT SYSTEMS  
750 AIRPORT ROAD  
P.O. BOX 629  
TERRELL, TEXAS 75160  
1-972-531-6400  
A DIVISION OF BUTLER MANUFACTURING COMPANY

PLOT FACTOR		JOB NAME BMS - 3000 HR PRODUCT APPROVAL		JOB NUMBER	
PLOT NO.		LOCATION DADE COUNTY, FL.		EF-7269	
MANUAL COMP.		CUSTOMER		DRAWING NO.	
ERECTION	DATE	CONTRACTOR		E3 OF 12	
CHECKED	DATE	ARCH/ENGR		TITLE ELEVATIONS	





PRODUCT RENEWED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 06-0412.01  
 Expiration Date 09/24/2011  
 By *Helmy A. Matar*  
 Miami Dade Product Control  
 Division

GLAZIER NOTE!  
 WET SEAL ALL LITES W/ (E)

PRODUCT RENEWED  
 ACCEPTANCE No. 01-0118.02  
 EXPIRATION DATE 09/24/2006  
 By *Helmy A. Matar*  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE *September 24 19 98*  
 BY *Helmy A. Matar*  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE No. 97-0903.13

*David S. Barm*  
 7-9-98

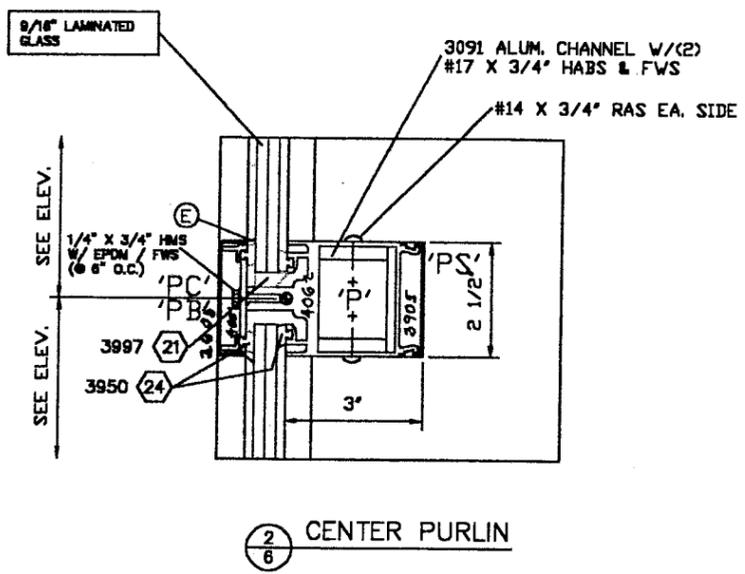
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	<i>BG</i>		8/7/97	ERECTION					
	<i>Matar</i>		8/25/97	RECORD					
	<i>BG</i>		5-18-98	RECORD					

ALL DETAILS ARE 1/2 FULL SIZE UNLESS OTHERWISE NOTED

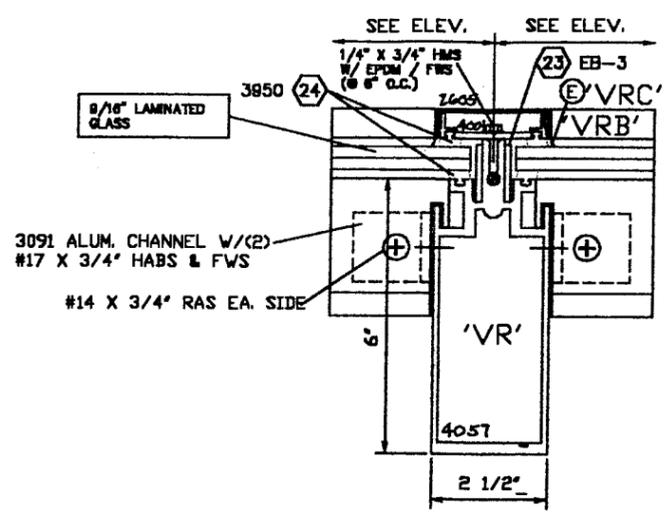
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**NATURALITE**  
 SKYLIGHT SYSTEMS  
 750 AIRPORT ROAD  
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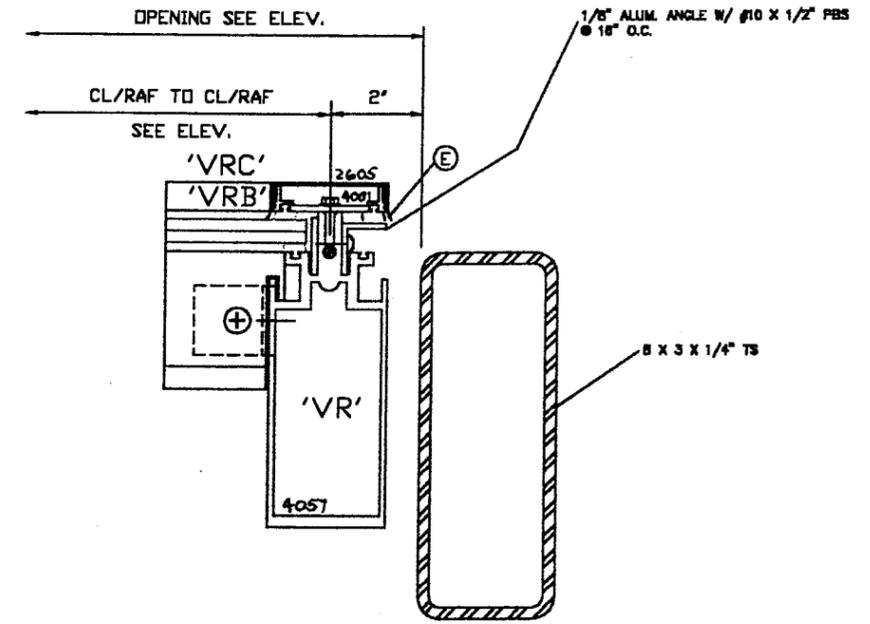
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PLLOT NO.	BMS - 3000 HR PRODUCT APPROVAL	EF-7269
MANUAL COMP.	LOCATION DADE COUNTY, FL.	
ERECTION DATE	CUSTOMER	
CHECKED DATE	CONTRACTOR	
	ARCH/ENGR	
	TITLE DETAILS UNIT #1	E5 OF 12



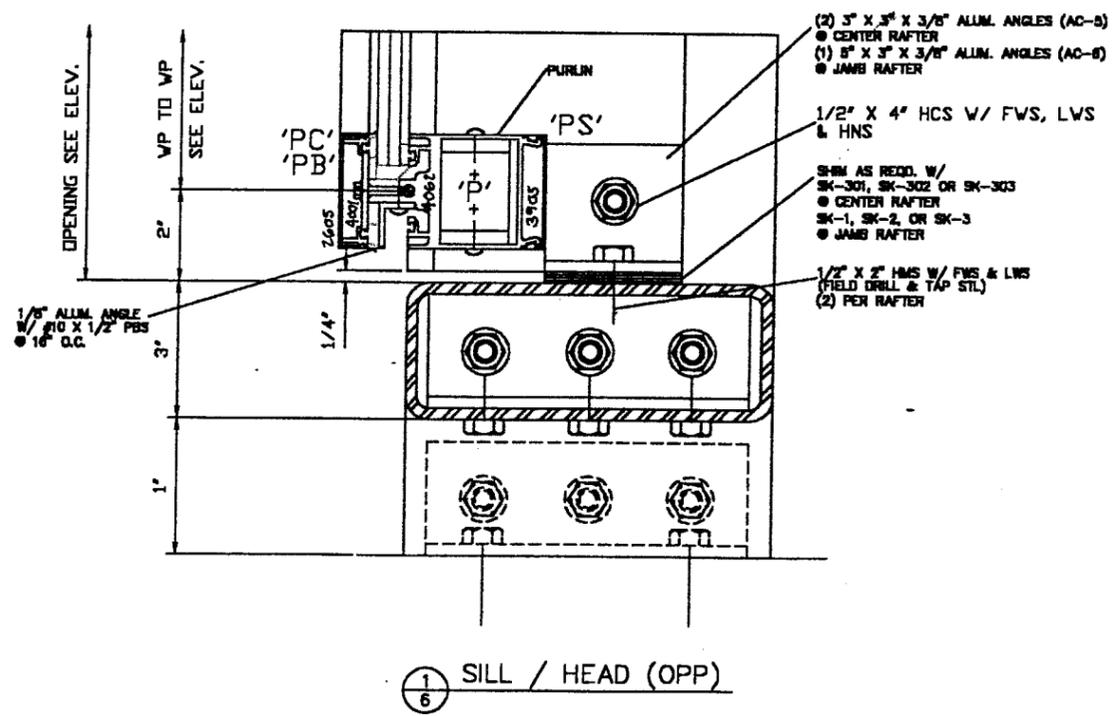
2 CENTER PURLIN



3 TYPICAL RAFTER



4 JAMB RAFTER



1 SILL / HEAD (OPP)

GLAZIER NOTE:  
WET SEAL ALL LITES W/ (E)

PRODUCT RENEWED  
as complying with the Florida  
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Expiration Date 09/24/2011  
By Helmut A. Mohr  
Miami Dade Product Control  
Division

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE September 24 1998  
BY Helmut A. Mohr  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 97-0903.13

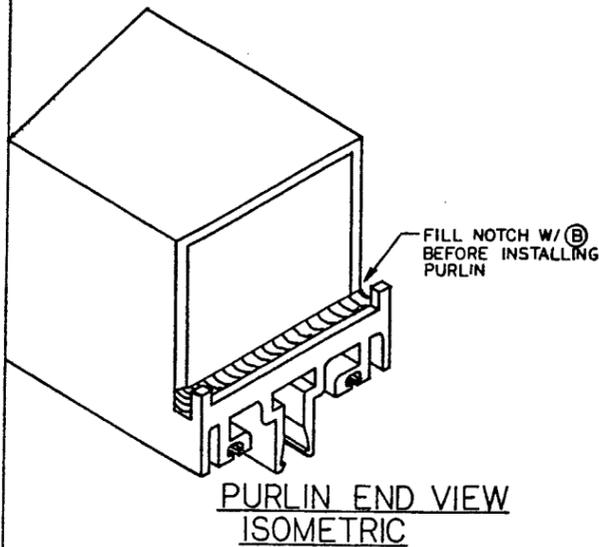
PRODUCT RENEWED  
ACCEPTANCE No. 01-0118.02  
EXPIRATION DATE 09/24/2000  
By Helmut A. Mohr  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

David S. Baum  
7-9-98

REVISIONS	DETAILER	BM	DRAWINGS ISSUED DATE	USE	REVISIONS	DETAILER	BM	DRAWINGS ISSUED DATE	USE	ALL DETAILS ARE 1/2 FULL SIZE UNLESS OTHERWISE NOTED	NATURALITE SKYLIGHT SYSTEMS 750 AIRPORT ROAD P.O. BOX 629 TERRELL, TEXAS 75160 1-972-551-6400 A DIVISION OF BUTLER MANUFACTURING COMPANY	PLOT FACTOR	JOB NAME BMS - 3000 HR PRODUCT APPROVAL	JOB NUMBER
	BG		5/29/97	1ST. SUBMISSION							MANUAL COMP.	CUSTOMER		
	BG		8/7/97	ERECTION							ERECTION DATE	CONTRACTOR		
	BG		8/25/97	RECORD							CHECKED DATE	ARCH/ENGR		
	BG		5-18-98	RECORD								TITLE DETAILS UNITS #2 & #3	E6 OF 12	

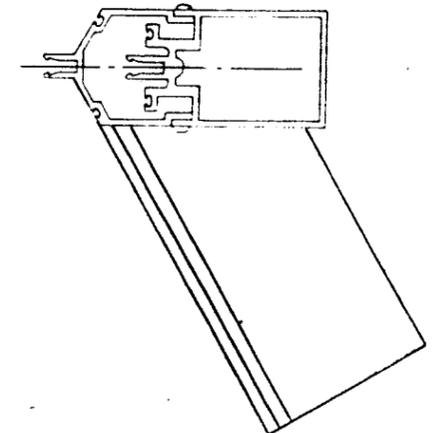
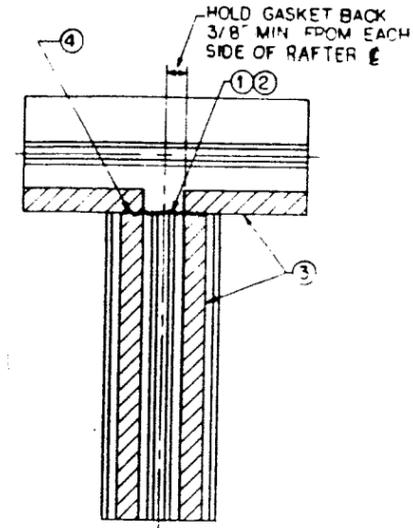
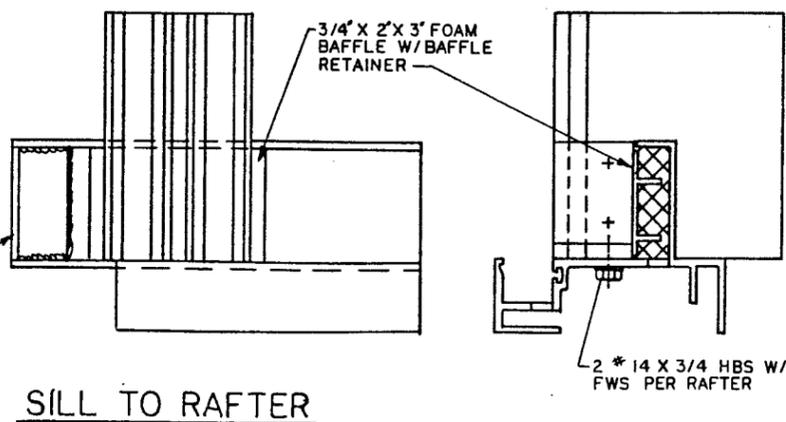
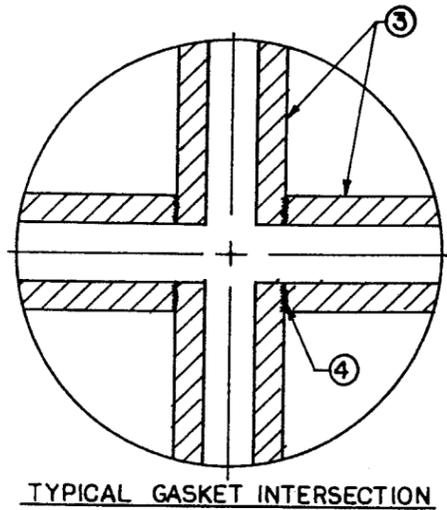
**ERECTION & GLAZING NOTES:**

- 1.) SEAL ALL RAFTERS TO HIPPS, RIDGES & COMP RINGS W/ (B) SEALANT
- 2.) ALL METAL TO METAL CONNECTIONS TO BE CLEANED W/ SOLVENT PRIMED & SEALED W/ (B) SEALANT
- 3.) GASKETS ON ALL FRAMING TO BE FIELD INSTALLED & COMPRESSED APPROX. 1/8" PER FOOT
- 4.) BUTT SEAL ALL GASKET INTERSECTIONS W/ (A) SEALANT



**ERECTOR NOTE:**  
CLEAN AND PRIME NOTCH AT END OF PURLINS PRIOR TO RUNNING A BEAD OF (B) SEALANT THRU NOTCH.

'DA-300' CLEAN SILL AND ANGLE W/ SOLVENT, TAPE ANGLE TO SILL W/ V2030 TAPE, PRIME AREAS TO BE SEALED (ALLOW PRIMER TO DRY) W/ DOW 795. LOCATE AT JAMBS AND 3 1/2 EACH SIDE OF SILL SPLICE.



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Miami Dade Product Control Division

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
DATE September 24 1998  
BY *Helmut A. Mahr*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 97-0903.13

**PRODUCT RENEWED**

ACCEPTANCE No. 01-0118.02

EXPIRATION DATE 09/24/2000

By *Helmut A. Mahr*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

*David S. Baum*  
7-9-98

REVISIONS	DETAILER	BV	DRAWINGS ISSUED DATE	USE	REVISIONS	DETAILER	BV	DRAWINGS ISSUED DATE	USE
	BG		6/27/97	ERECTION					
	BG		8/7/97	ERECTION					
	BG		8-25-97	RECORD					
	BG		5-18-98	RECORD					

ALL DETAILS ARE 1/2 FULL SIZE UNLESS OTHERWISE NOTED

REFER TO SHEET ONE FOR DETAIL AND GENERAL NOTES

**NATURALITE**  
SKYLIGHT SYSTEMS

750 AIRPORT ROAD  
P.O. BOX 629  
TERRELL, TEXAS 75160  
1-972-551-6400

A DIVISION OF BUTLER MANUFACTURING COMPANY

PLOT FACTOR	JOB NAME	<b>BMS-3000 HR PRODUCT APPROVAL</b>	JOB NUMBER
PLOT NO.	LOCATION	<b>DADE COUNTY, FL.</b>	<b>EF 7269</b>
MANUAL COMP.	CUSTOMER		DRAWING NO.
ERECTION DATE	CONTRACTOR		<b>E7 OF 12</b>
CHECKED DATE	ARCH/ENGR		
	TITLE		

# PROPER GLASS BLOCKING TECHNIQUES

PLEASE FOLLOW THE PROPER BLOCKING TECHNIQUES FOR SETTING & EDGE BLOCKS SHOWN HERE. ALL LITES ARE SHOWN IN TRUE ELEVATION. DO NOT BLOCK GLASS TIGHT, GLASS SHOULD BE FREE TO FLOAT IN THE OPENING. THESE BLOCKING TECHNIQUES DO NOT APPLY TO ENTRANCE DOORS, OPERABLE WINDOWS OR VENTS.

## LEGEND

- SB - SETTING BLOCK  
SHORE 'A' DUROMETER OF 85 ± 5
- EB - EDGE BLOCK  
SHORE 'A' DUROMETER OF 50 ± 5

## SETTING BLOCK NOTES:

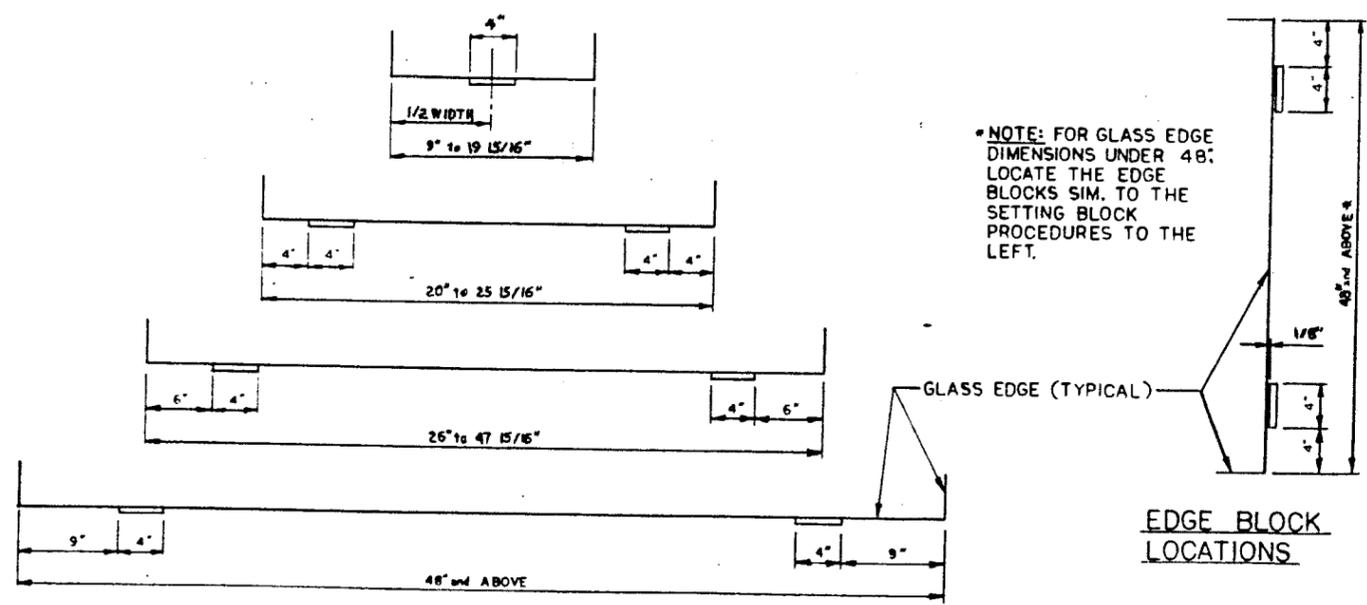
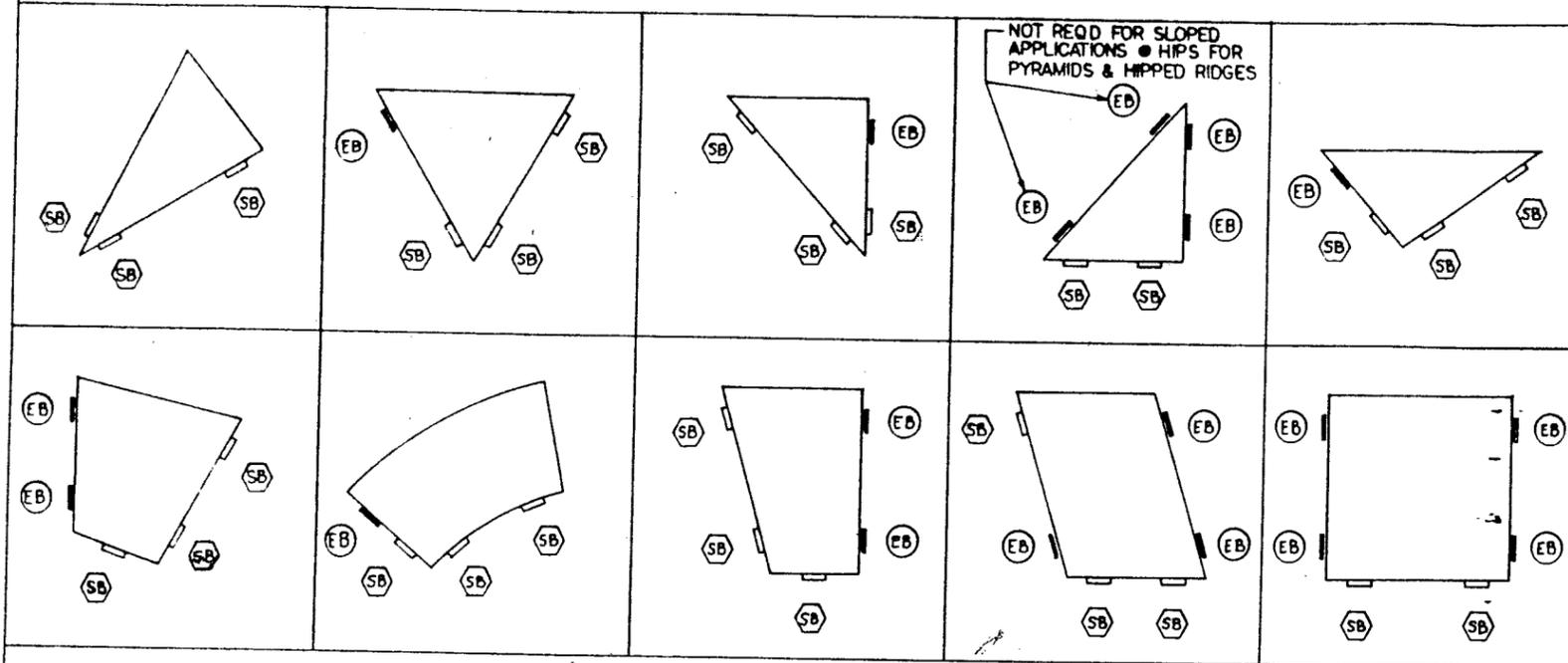
1. NO BLOCKS SHALL BE LESS THAN 4" IN LENGTH
2. SETTING BLOCKS SHALL BE POSITIONED WITH BEVELED EDGE DOWN REFER TO APPLICABLE DETAIL
3. FOR ALL GLASS TYPES REGARDLESS OF APPLICATION, THE SETTING BLOCK MUST SUPPORT A MIN OF ONE HALF THE THICKNESS OF THE OUTBOARD LITE OR PLY

## EDGE BLOCK NOTES:

1. GLUE EDGE BLOCKS IN PLACE USING (B) SEALANT IF REQ'D
2. TYPICALLY EDGE BLOCKS SHOULD HAVE A 1/8" GAP BETWEEN BLOCK AND EDGE OF GLASS
3. NO EDGE BLOCKS ARE REQ'D ON RECTANGULAR LITES OF FOUR-SIDED STRUCTURAL GLAZING SYSTEMS EDGE BLOCKS ARE REQ'D FOR TWO-SIDED STRUCTURAL SYSTEMS
4. NO EDGE BLOCKS ARE REQ'D AT THE TOP OF THE LITE

## ERECTOR NOTE:

DO NOT WALK ON GLASS. GLASS IS NOT DESIGNED TO SUPPORT CONCENTRATED LOADS



\*NOTE: FOR GLASS EDGE DIMENSIONS UNDER 48" LOCATE THE EDGE BLOCKS SIM. TO THE SETTING BLOCK PROCEDURES TO THE LEFT.

PRODUCT RENEWED  
as complying with the Florida Building Code  
Acceptance No. 06-0412-01  
Expiration Date 09/24/2011  
By Helmut A. Mohr  
National Glass Product Control Division

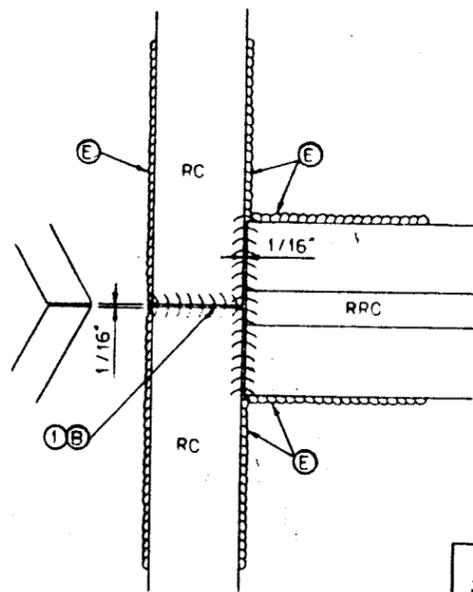
APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
DATE September 24, 1998  
BY Helmut A. Mohr  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 97-0903-13

PRODUCT RENEWED  
ACCEPTANCE No. 01-0118-02  
EXPIRATION DATE 09/24/2006  
By Helmut A. Mohr  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

David S. Baum  
7-9-98

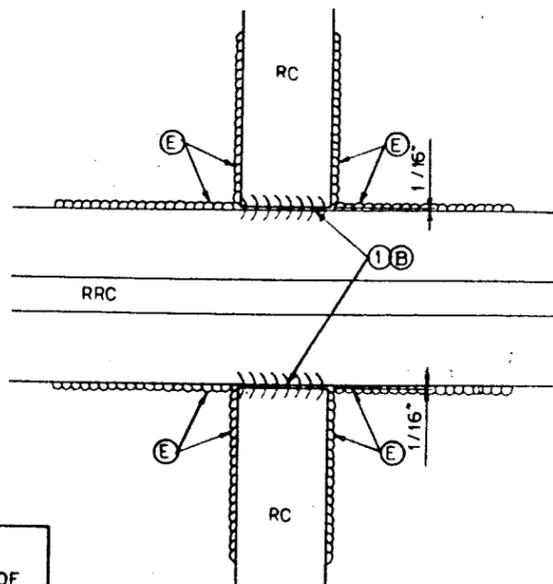
REVISIONS	DATE	BY	REVISIONS	DATE	BY	ALL DETAILS ARE 1/2 FULL SIZE UNLESS OTHERWISE NOTED	NATURALITE SKYLIGHT SYSTEMS	PLANT FACTOR	JOB NAME	JOB NUMBER	
	6/27/97	BG				REFER TO SHEET ONE FOR DETAIL AND GENERAL NOTES	750 AIRPORT ROAD P.O. BOX 629 TERRELL, TEXAS 75360 1-972-551-6400 A DIVISION OF BUTLER MANUFACTURING COMPANY		BMS-3000 HR PRODUCT APPROVAL	EF 7268	
	8/7/97	BG							LOCATION		DADE COUNTY, FL.
	8-25-97	BG							CUSTOMER		
	5-18-98	BG							CONTRACTOR		
								ARCH/ENGR		EB 12	
								TITLE	GLASS BLOCKING & SEALANT EXPIRATION GUIDE		





END RAFTER AND RIDGE CAP DETAIL

**GLAZIER NOTE:**  
PLACE A HEEL BEAD OF (E) SEALANT FROM GLASS TO CAP 4" LONG AT EACH INTERSECTION AS SHOWN.



RAFTER AND RIDGE CAP DETAIL

**GLAZIER NOTE:**  
APPLYING TAPE OVER THE CAPS BEFORE CAULKING MAY MAKE A NEATER BRIDGE CAULK JOINT.

PRODUCT RENEWED  
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Acceptance No. 06-0412-01  
Expiration Date 09/24/2011  
By *Helmy A. Maher*  
Miami Dade Product Control Division

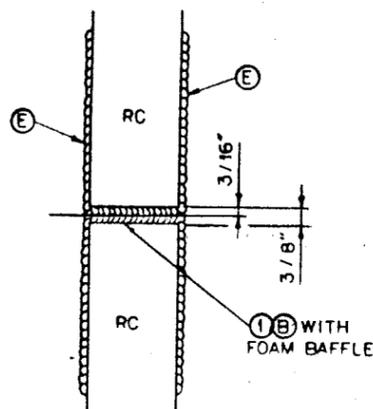
APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
DATE *September 24, 98*  
BY *Helmy A. Maher*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 97-0903.13

**PRODUCT RENEWED**

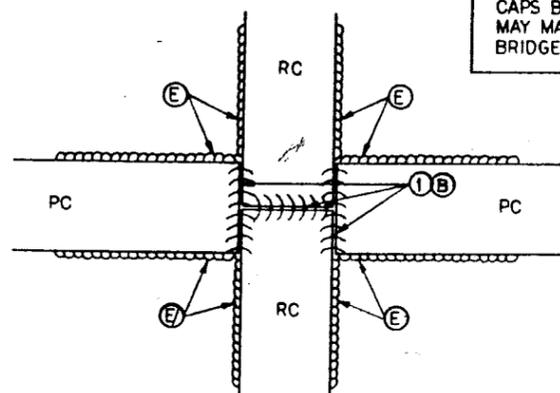
ACCEPTANCE No. 01-0118-02

EXPIRATION DATE 09/24/2006

By *Helmy A. Maher*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

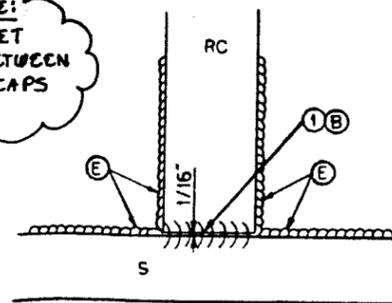


RAFTER CAPS AT EXPANSION JOINT

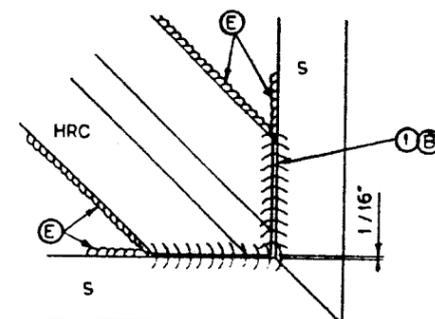


RAFTER AND PURLIN CAP DETAIL

**ERECTOR NOTE:**  
USE THIS SHEET FOR SPACE BETWEEN GLAZING SNAP CAPS

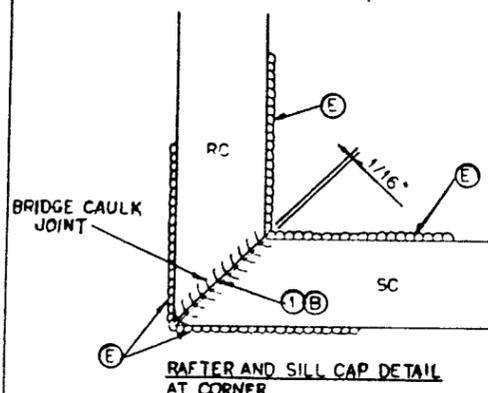


RAFTER CAP AND SILL DETAIL



RAFTER CAP AND SILL DETAIL AT CORNER

*David S. Baum*  
7-9-98



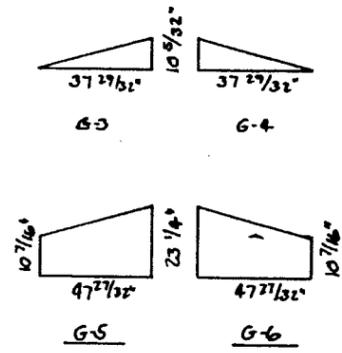
RAFTER AND SILL CAP DETAIL AT CORNER

**GLAZING PROCEDURES:**  
ALWAYS CLEAN CAP ENDS WITH SOLVENT AND PRIME WITH PRIMER BEFORE INSTALLING  
① CLEAN, PRIME AND INSTALL CAPS AND PLACE A BEAD OF (E) SEALANT BETWEEN CAPS AS SHOWN.  
② SEE STRUCTURAL GLAZING GUIDE FOR INSTRUCTIONS BEFORE APPLYING (E) SEALANT TO JOINT.

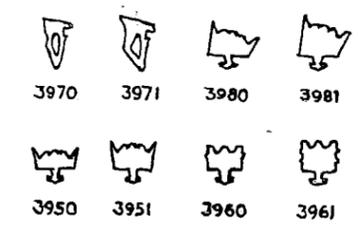
REVISIONS				REVISIONS				ALL DETAILS ARE 1/2 FULL SIZE UNLESS OTHERWISE NOTED	<b>NATURALITE</b> SKYLIGHT SYSTEMS 750 AIRPORT ROAD P.O. BOX 629 TERRELL, TEXAS 75160 1-972-531-6400 <small>A DIVISION OF BUTLER MANUFACTURING COMPANY</small>	PLOT FACTOR		JOB NAME		PRODUCT APPROVAL		JOB NUMBER	
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	PLT NO.	LOCATION			MANUAL COMP.	DATE	CUSTOMER	CONTRACTOR	ARCH/ENGR	TITLE	NO.	OF
6/27/97	BG	ERECTION															
8/7/97	BG	ERECTION															
8-25-97	BG	RECORD															
5-18-98	BG	RECORD															

EF 7269  
DRAWING NO.  
E 10 of 12

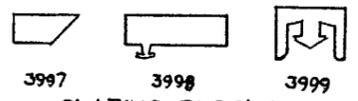
GLAZING			
UNIT NR	PANEL NR	QUAN.	SIZE IN INCHES WIDTH x HEIGHT
1	G-1	2	59" x 100"
1	G-2	4	59" x 49 7/16"
1	G-3	ONE	SEE PATTERN
1	G-4	ONE	
1	G-5	ONE	
1	G-6	ONE	
2	G-7	4	59" x 100"
3	G-8	8	59" x 49 7/16"



GLAZING GASKETS & BLOCKS			
ITEM NR	ITEM	DIE NR	QUANTITY
	SETTING BLOCK	3997	52
	EDGE BLOCK	40 x 1 1/4 x 4"	88
		1/4" EPDM END	40 K



GASKETS



GLAZING BLOCKS

SEALANTS & MISCELLANEOUS SUPPLIES			
TUBES			
15 TUBES	DOW 795		(B) ALUM GRAY
6 TUBES	DOW 795		(E) BLACK
TUBES			(F)
QT	DOW 1200	PRIMER	
225	3/8"	OPEN CELL BACKER ROD	
ONE CAN		TOUCH-UP PAINT	COLOR TO MATCH JOB FINISH
			OPEN CELL URETHANE FOAM 45 PPI
7	3/4 x 2 x 3		OPEN CELL FOAM 10 PPI
4	2 x 2 x 2		" " " "
7	BAFFLE RETAINER		

FIELD FASTENERS			
ITEM NR	DESCRIPTION	FINISH	QUANTITY
	1/2" x 2" HMS 7 FWS, LWS 4 HNS	I	87
	1/2" x 4" HMS 7 FWS, LWS 4 HNS	I	36
	1/8" x 1/4" GRIP 45 POP-RIVETS	M	230
	FS-236	M	455
	#14 x 3/4" HADGE	E	15
	#14 x 3/4" HBS 7/PWS	M	15
	#14 x 3/4" RAS	I	129
	#14 x 1" HBS 7/PWS	M	15
	#10 x 3/4" PAS	E	45
	#10 x 1 1/2" PAS	E	25
	#10 x 1 1/4" HTC	E	128

FASTENER ABBREVIATIONS				
SIZE	LENGTH	HEAD	TYPE	MATERIAL
8		FLAT	A POINT SMS	CAD PLATED STEEL
10		PAN	B POINT TAPPING	STEEL
14		HEX	AB POINT	STAINLESS STEEL
17		TRUSS	CAP SCREW	STAINLESS STEEL
3/8"		ROUND	MACHINE SCREW	STAINLESS STEEL
1/2"			LAG BOLT	STAINLESS STEEL

EXAMPLE: 10x3/4" PAS = PAN HEAD, A POINT, SHEET METAL SCREW, STAINLESS STEEL.

NOTE: ALL HEX HEAD GLAZING CAP FASTENERS TO HAVE STAINLESS STEEL/EPDM FLAT WASHERS. ALL EXPOSED FASTENERS TO BE COLORED TO MATCH.

NUT & WASHER ABBREVIATIONS			
WASHERS		NUTS	
FW	FLAT WASHER	HN	HEX NUT
LW	LOCK WASHER		
S-	STAINLESS STEEL	C-	CAD PLATED STEEL

CONCRETE/MASONRY ANCHORS:	
SA	SLEEVE ANCHOR
SB	STUD BOLT
HVA	HILTI ADHESIVE ANCHOR
HIT	HILTI RENOVATION ANCHOR
HKC	HILTI KWIK CON 2

PRODUCT RENEWED as complying with the Florida Building Code  
 Acceptance No. 06-0412-01  
 Expiration Date 09/24/2006  
 By *Helmut A. Malar*  
 Miami District Product Control Division

PRODUCT RENEWED  
 ACCEPTANCE No. 01-0118-02  
 EXPIRATION DATE 09/24/2006  
 By *Helmut A. Malar*  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE

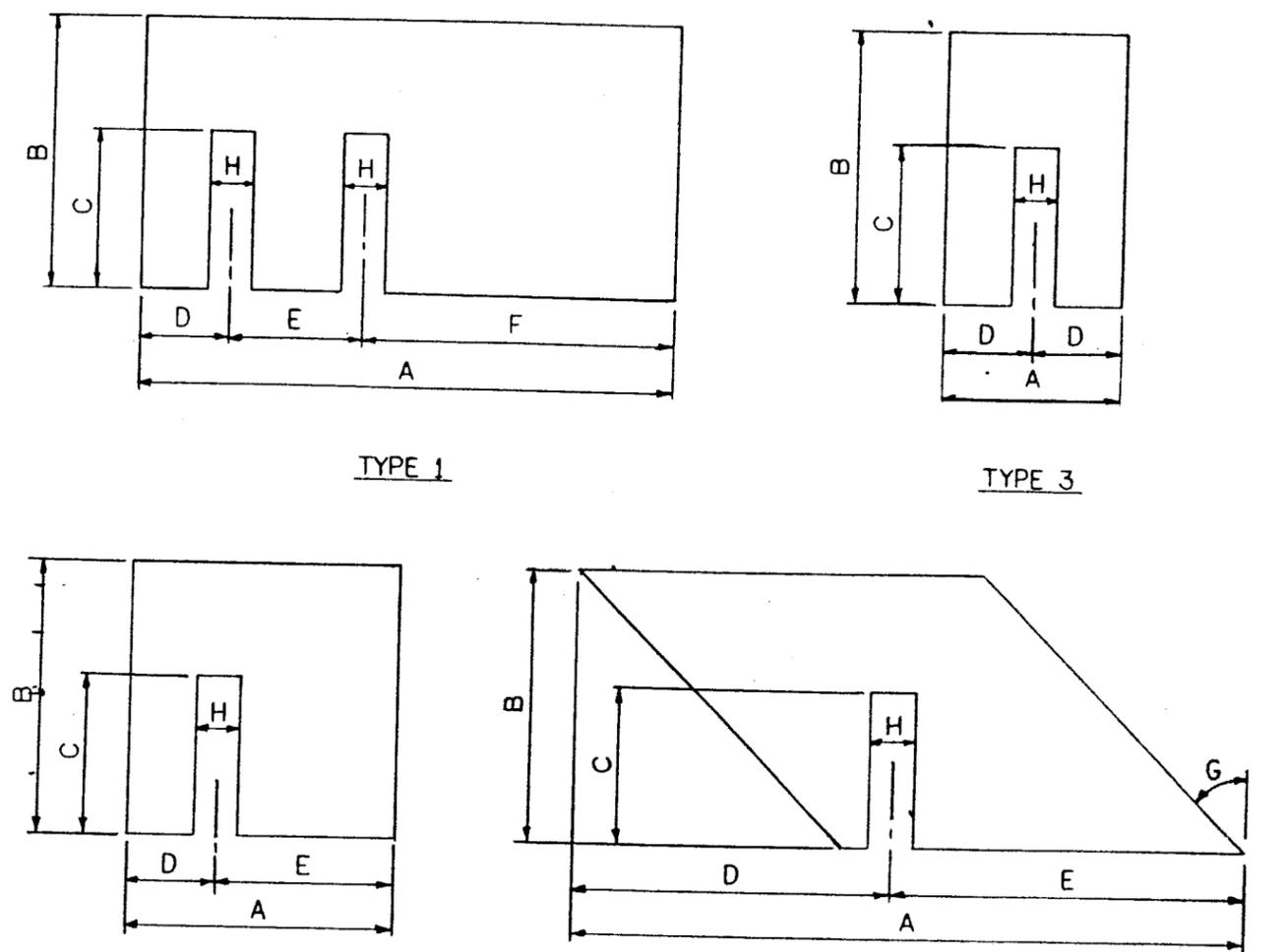
APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
 DATE *September 24, 1998*  
 BY *Helmut A. Malar*  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 97-0903-13

*David S. Baum*  
 7-9-98

REVISIONS		DRAWINGS ISSUED		REVISIONS		DRAWINGS ISSUED		FINISH NOTES		Naturalite SKYLIGHT SYSTEMS		JOB NAME		JOB NUMBER	
P	S	DATE	BY	P	S	DATE	BY	E	I	M	DESCRIPTION	DATE	LOCATION	CUSTOMER	DRAWING NO.
		6/27/97	ERECTION										BMS-3000 HR	PRODUCT APPROVAL	EF 7269
		8/17/97	ERECTION										DADE COUNTY, FL.		
		8-25-97	RECORD												
		5-18-98	RECORD												

FIELD FASTENER SHEET FOR UNITS 1-3 OF 3

TYPE	MARK NUMBER	THICK.	DIMENSIONS FROM PLAN								REMARKS	
			A	B	C	D	E	F	G	H		
2	SK-301	35	1/4"									USE @ AC-301 ALL UNITS & AC-321- AC-322 UNIT #1
	SK-302	35	1/8"	3"	3"	1 3/4"	1 1/4"	1 3/4"			9/16"	
	SK-303	70	1/16"									
1	SK-1	25	1/4"									USE @ JAMB RAFTER CLIPS AC-312 ALL UNITS
	SK-2	25	1/8"	5"	3"	1 3/4"	1"	2 1/2"	1 1/2"		9/16"	
	SK-3	50	1/16"									
3	SK-4	15	1/4"									USE @ END WALL SILL UNIT #1
	SK-5	15	1/8"	2"	4 1/2"	3 1/2"	1"				9/16"	
	SK-6	30	1/16"									
	SK		1/4"									
	SK		1/8"									
	SK		1/16"									
	SK		1/4"									
	SK		1/8"									
	SK		1/16"									
	SK		1/4"									
	SK		1/8"									
	SK		1/16"									
	SK		1/4"									
	SK		1/8"									
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	SK		1/4"									
	SK		1/8"									
	SK		1/16"									



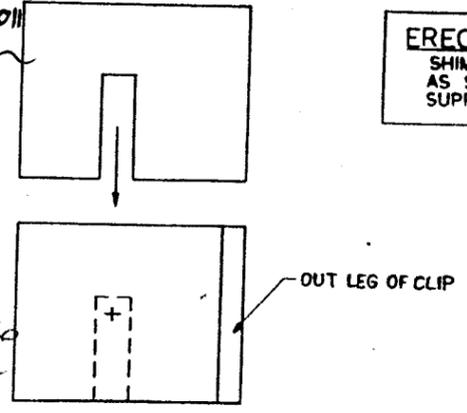
**ERECTOR NOTE:**  
MINIMUM REQUIRED PROFILE  
FOR KOROLATH SHIMS  
(ALUM OR STEEL CAN BE USED  
IF PROPERLY ISOLATION)

**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
Acceptance No. 06-0412.01  
Expiration Date 09/24/2011  
By *Helmut A. Mahr*  
Product Control  
Division

**ERECTOR NOTE:**  
SHIM SHOULD BE POSITIONED  
AS SHOWN TO GIVE FULL  
SUPPORT TO THE CLIP

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE *September 24, 1998*  
BY *Helmut A. Mahr*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 97-0903.13

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By *Helmut A. Mahr*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE



*David S. Baum*  
7990

REVISIONS		DETAILER	BV	DRAWINGS ISSUED DATE	USE	REVISIONS	DETAILER	BV	DRAWINGS ISSUED DATE	USE
		BG		6-27-97	ERECTION					
		BG		8-17-97	ERECTION					
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SKYLIGHT SYSTEMS  
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PLOT FACTOR	JOB NAME	BMS-3000 HR PRODUCT APPROVAL	JOB NUMBER
PLOT NO.	LOCATION	DADE COUNTY, FL.	EF 7269
MANUAL COMP.	CUSTOMER		DRAWING NO.
ERECTION DATE	CONTRACTOR		E 12 OF 12
CHECKED DATE	ARCH/ENGR		
TITLE	SHIMS BY NATURALITE / EPI		