



BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Naturalite Skylight Systems
803 Airport Road
Terrell, TX 75088

Your application for Notice of Acceptance (NOA) of:

Custom Aluminum Framed Skylight System

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

Raul Rodriguez
Chief Product Control Division

ACCEPTANCE NO.: 01-0118.02
EXPIRES: 09/24/2006

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL
CONDITIONS
BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 02/15/2001

Naturalite Skylight Systems

ACCEPTANCE NO: 01-0118.02

APPROVED : 02/15/2001

EXPIRES : 09/24/2006

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

This renews the Notice of Acceptance No. 97-0903.13, which was issued on September 24, 1998. It approves a 9/16" Laminated Glass and Aluminum Extrusions Skylight System, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code, 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

2. PRODUCT DESCRIPTION

This 9/16" Laminated Glass and Aluminum Extrusions Skylight System and its components shall be constructed in strict compliance with the following documents: 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, bearing the Miami-Dade County Product Control approval and renewal stamps with the Notice of Acceptance numbers and approval dates by the Miami-Dade County Product Control Division. These documents shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

All permanent set components must be protected against corrosion, contamination and damage at all time. This 9/16" Laminated Glass and Aluminum Extrusions Skylight System is approved only for installation at 30 ft. or higher above ground level. It is tested for small missile impact.

4. INSTALLATION

This 9/16" Laminated Glass and Aluminum Extrusions Skylight System must be installed in strict compliance with the approved drawings.

5. 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".

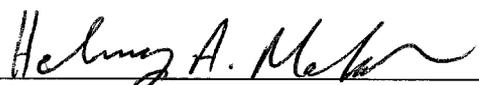
6. BUILDING PERMIT REQUIREMENTS

6.1 Application for building permit shall be accompanied by copies of the following:

6.1.1 This Notice of Acceptance.

6.1.2 Duplicate copies of the approved drawings, as indicated in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.

6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.

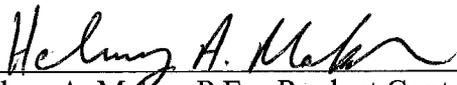


Helmy A. Makar, P.E. - Product Control Examiner
Product Control Division

NOTICE OF ACCEPTANCE : STANDARD CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
 - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
 - b) The product is no longer the same product (identical) as the one originally approved;
 - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
 - d) The engineer, who originally prepared, signed and sealed the required documentation initially submitted, is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
 - a) Unsatisfactory performance of this product or process;
 - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance number preceded by the words Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer needs not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Acceptance consists of pages 1, 2, and this last page 3.

END OF THIS ACCEPTANCE



Helmy A. Makar, P.E. - Product Control Examiner
Product Control Division

FRAMING NOTES:

- ① 1/16" KOROLATH ISOLATOR (MIN) AND KOROLATH SHIMS AS REQ'D
- ③ 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 STEEL
#14		HEX	AB POINT	STAINLESS STEEL
#17		TRUSS	CAP SCREW	STAINLESS STEEL
3/8"		ROUND	MACHINE SCREW	GRADE 2
1/2"		SOCKET	LAG BOLT	GRADE 2
1 1/32"		TDRX	TEKS SCREW	ZINC PLATED STEEL
			FLAT WASHER	
			LOCK WASHER	
			HEX NUT	
			RIV/NUT	
			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/ FVS, LVS, & HNC)
- HVA HILTI ADHESIVE ANCHOR (w/ FVS, LVS, & HNC)
- SB STUD BOLT (w/ FVS, LVS, & HNC)
- HIT HILTI RENOVATION ANCHOR (w/ FVS, LVS, & HNC)
- HKC HILTI KWIK CON II
- HKB HILTI KWIK BOLT II

SEALANTS AND TAPES

- ① DDV CORNING 795 COLOR GRAY
- ② SEALANT ⑧ w/ BACKER ROD
- ③ DDV CORNING 795 (BLACK)
- ④ DDV #1200 PRIMER OR EQUAL

GLAZING NOTES:

- ②1 SILICONE COMPATIBLE SETTING BLOCK (60 DUR ± 5). LOCATE OUTSIDE EDGE 9" MAXIMUM LEFT & RIGHT OF RAFTER CENTERLINE.
- ②3 EPDM EDGE BLOCK (60 DUR ± 5). LOCATE 1'-0" MAXIMUM LEFT & RIGHT OF PURLIN CENTERLINE & 1'-0" ABOVE SILL.
- ②4 DENSE EPDM GLAZING GASKET (60 DUR ± 5)
- ②7 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.

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. Meier
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. Meier
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

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

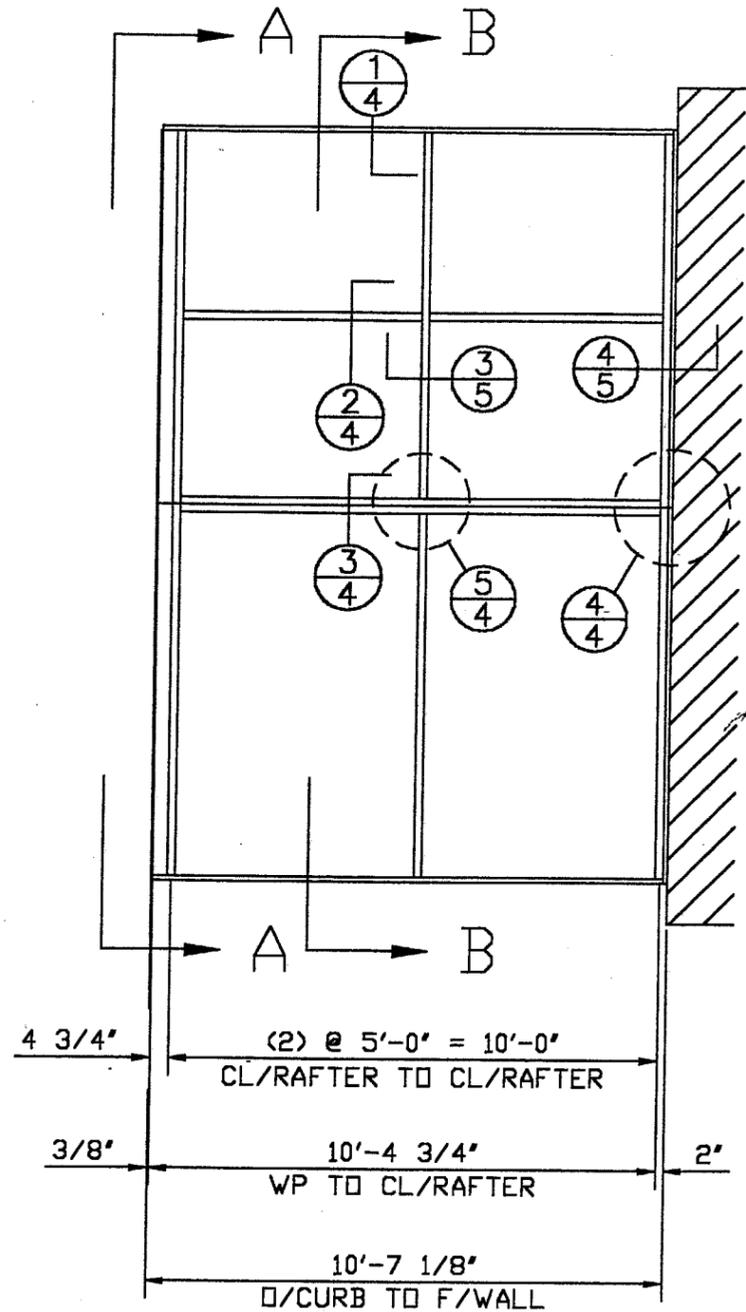
David S. Barron
7-9-98

ERECTOR/INSTALLER NOTE:

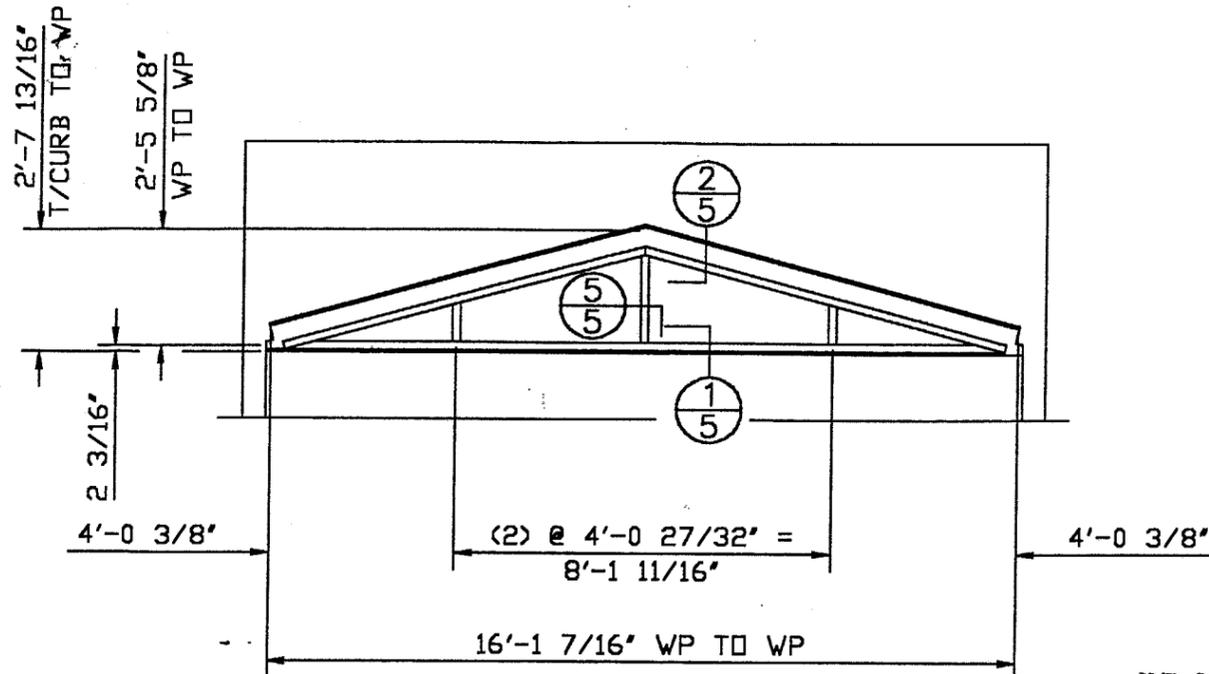
SKYLIGHT IS TO BE INSTALLED LEVEL & PROPERLY ALIGNED. OVERALL WORKPOINT DIMENSIONS ARE TO BE HELD AS SHOWN, TO ENSURE PROPER FIT AND FUNCTION OF THE UNIT.

REVISIONS	DETAILER	BV	DRAWINGS ISSUED DATE	USE	REVISIONS	DETAILER	BV	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						REFER TO SHEET ONE FOR DETAIL AND GENERAL NOTES		MANUAL COMP.	LOCATION DADE COUNTY, FL.	EF-7269
	BG		8/7/97	ERECTION								ERECTION	CUSTOMER	DRAWING NO.
	BG		8/25/97	RECORD								DATE	CONTRACTOR	
	BG		3/18/98	RECORD								DATE	ARCH/ENGR	E1 OF 12
												DATE	TITLE SHEET	

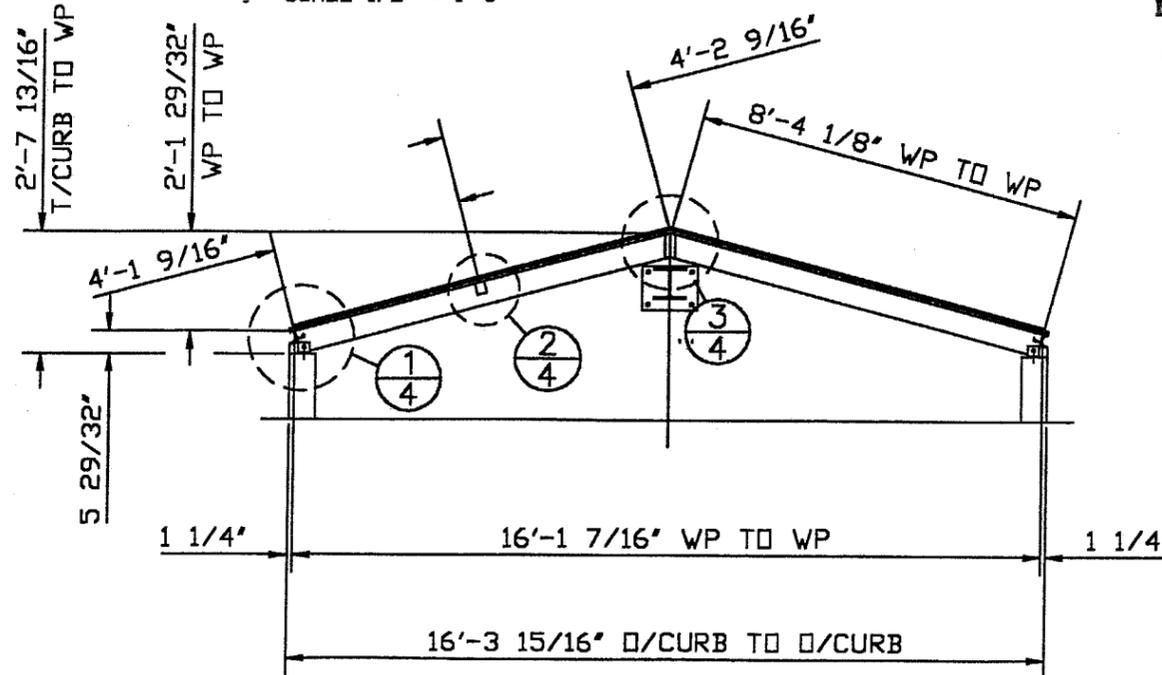
PA 202-94 MOCK-UP TEST



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

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

David S. Braun
7-9-98

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

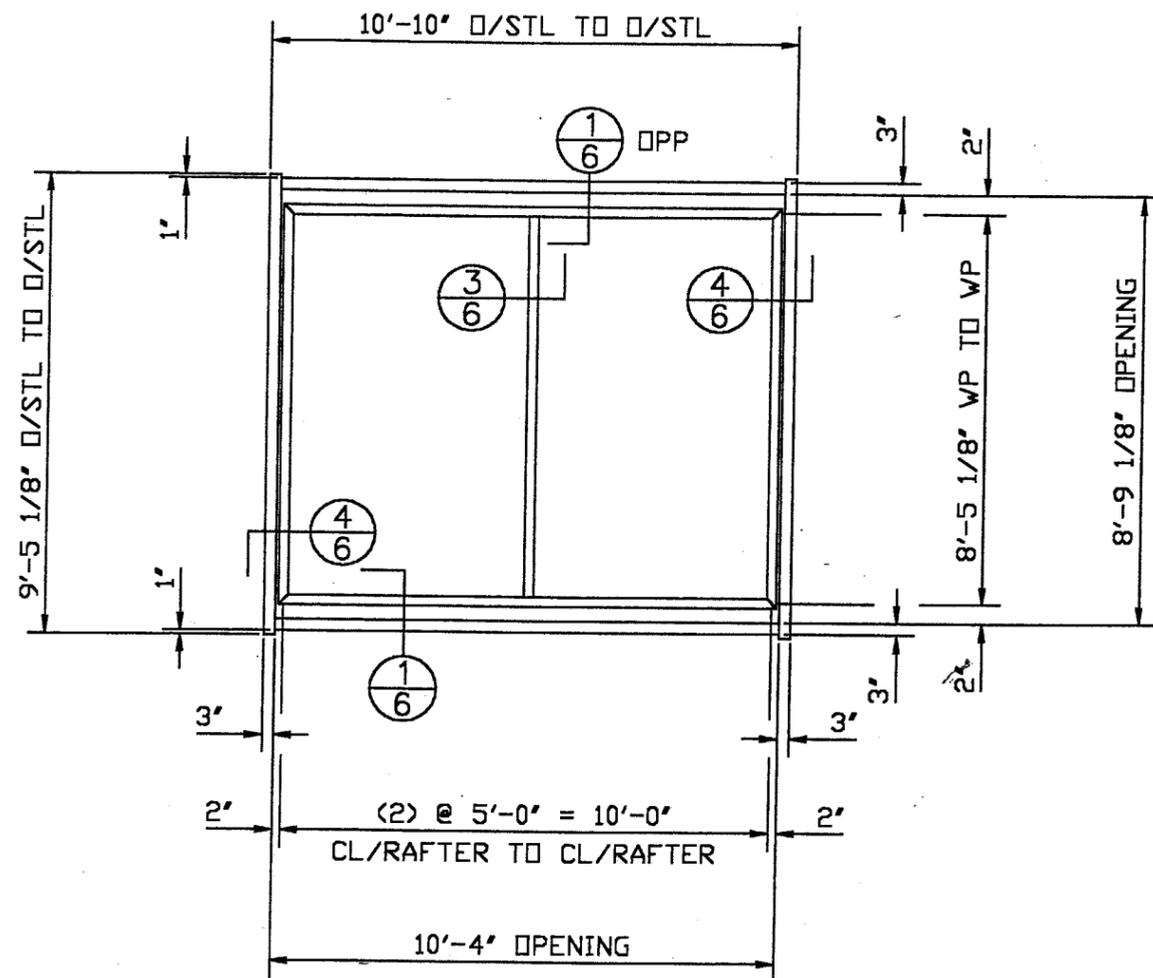
ALL DETAILS ARE 1/2 FULL SIZE UNLESS OTHERWISE NOTED

REFER TO SHEET ONE FOR DETAIL AND GENERAL NOTES

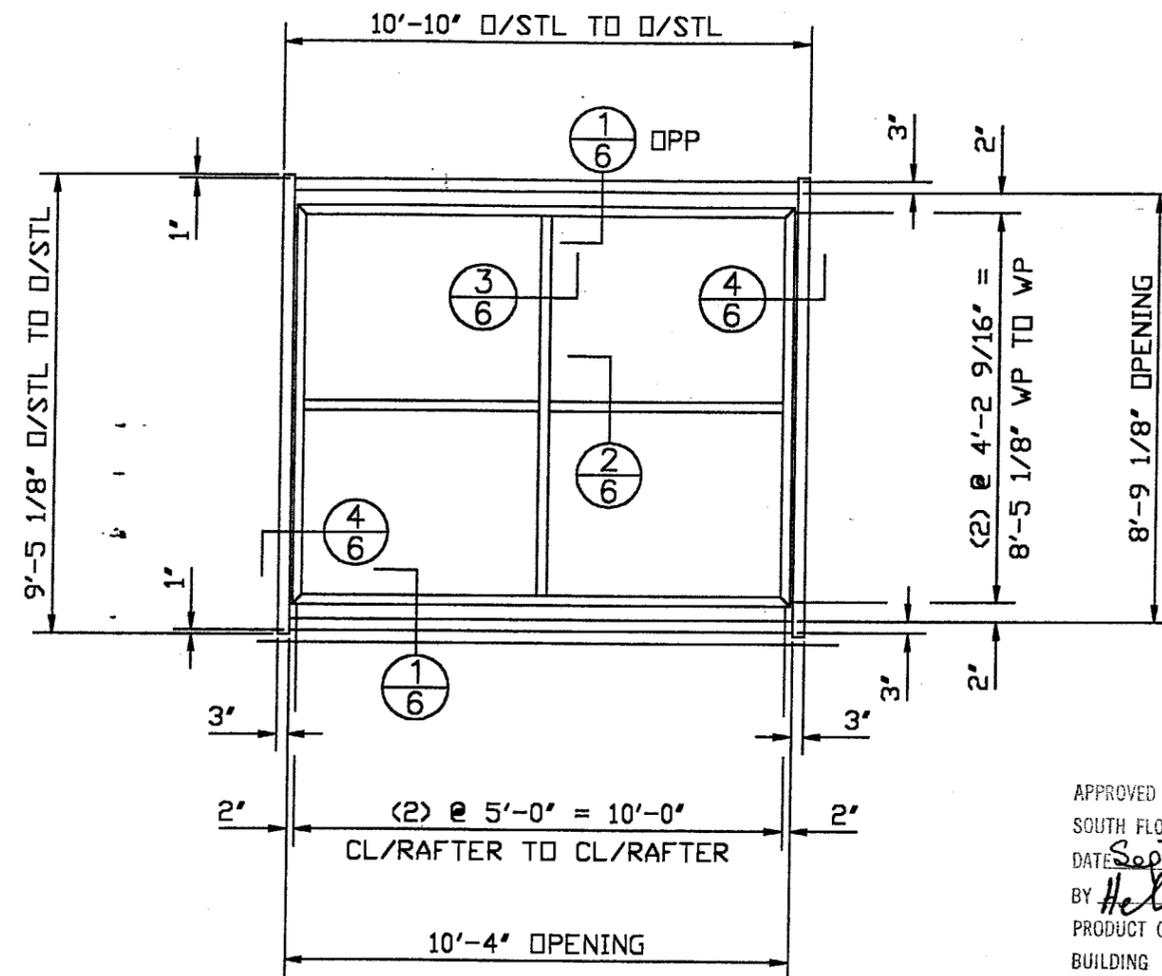
NATURALITE
SKYLIGHT SYSTEMS
750 AIRPORT ROAD
P.O. BOX 629
TERRELL, TEXAS 75160
1-972-531-6400
A DIVISION OF BUTLER MANUFACTURING COMPANY

PLOT FACTOR	JOB NAME	BMS - 3000 HR PRODUCT APPROVAL	JOB NUMBER
PLOT NO.	LOCATION	DADE COUNTY, FL	EF-7269
MANUAL COMP.	CUSTOMER		
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.

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

David S. Kern
7-9-98

PRODUCT RENEWED

ACCEPTANCE No. 01-0118.02

EXPIRATION DATE 09/24/2006

By Helmut A. Meier

PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

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

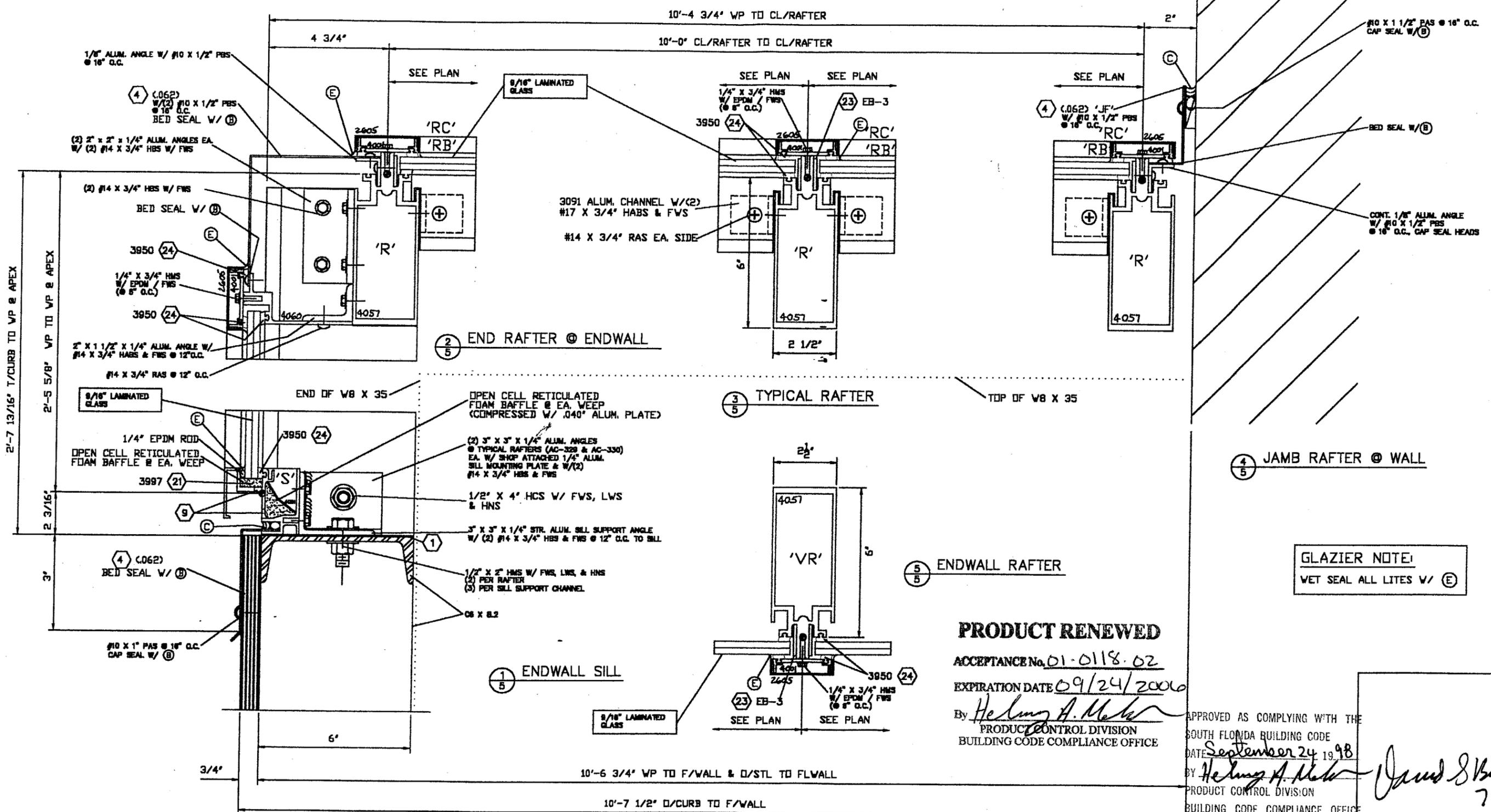
ALL DETAILS ARE 1/2 FULL SIZE UNLESS OTHERWISE NOTED

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



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

PRODUCT RENEWED

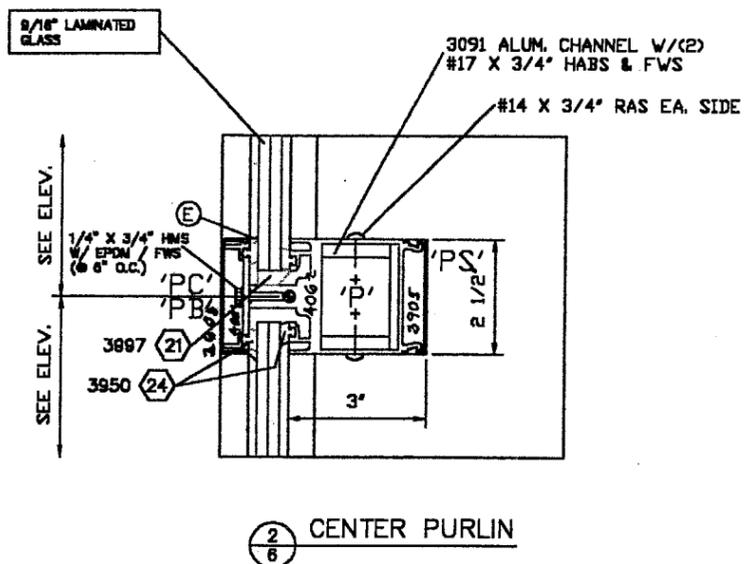
ACCEPTANCE No. 01-0118-02
EXPIRATION DATE 09/24/2006

By Helmy A. Matar
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

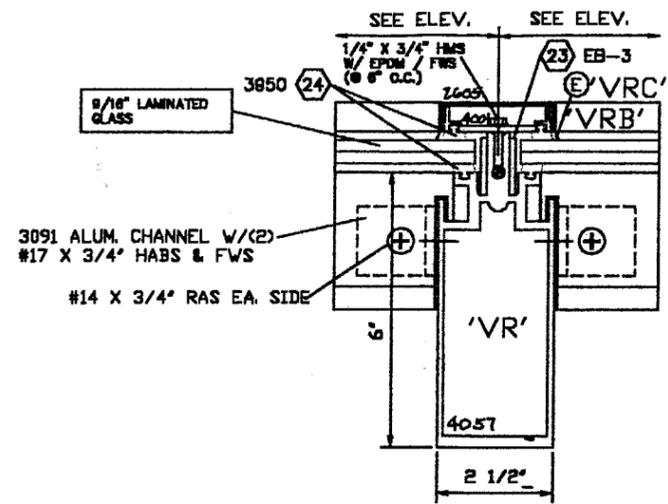
APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE September 24 1998
BY Helmy A. Matar
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE No. 97-0903-13

David S. Barm
7-9-98

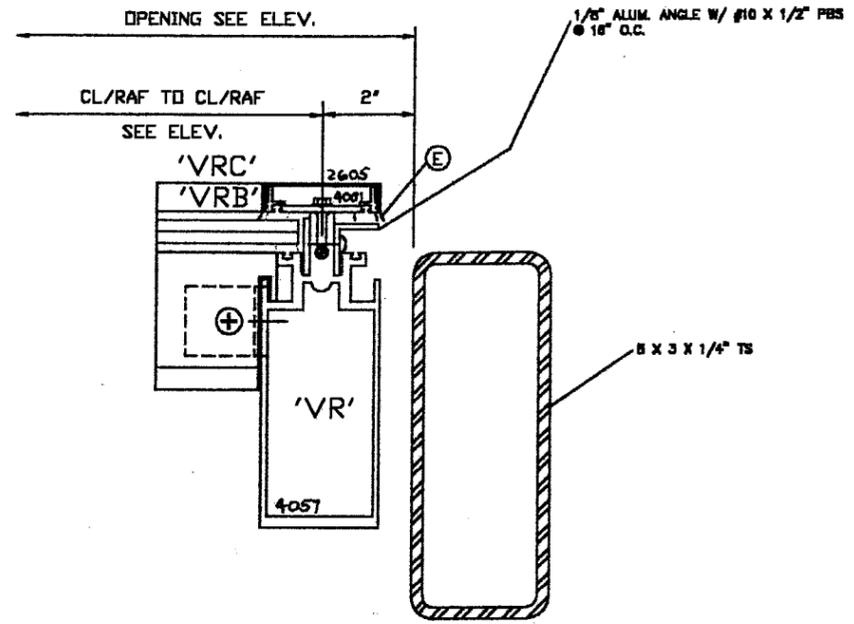
REVISIONS	DETAILER	BM	DRAWINGS ISSUED DATE	USE	REVISIONS	DETAILER	BM	DRAWINGS ISSUED DATE	USE	ALL DETAILS ARE 1/2 FULL SIZE UNLESS OTHERWISE NOTED	NATURALITE SKYLIGHT SYSTEMS 750 AIRPORT ROAD P.O. BOX 629 TERRELL, TEXAS 75160 1-972-531-6400 A DIVISION OF BUTLER MANUFACTURING COMPANY	PLOT FACTOR	JOB NAME BMS - 3000 HR PRODUCT APPROVAL	JOB NUMBER
			5/29/97	1ST. SUBMISSION								PLOT NO.	LOCATION DADE COUNTY, FL.	EF-7269
			8/7/97	ERECTION								MANUAL COMP.	CUSTOMER	
			8/25/97	RECORD								SECTION	CONTRACTOR	DRAWING NO.
			5-18-98	RECORD								CHECKED	ARCH/ENGR	E5 OF 12
													TITLE DETAILS UNIT #1	



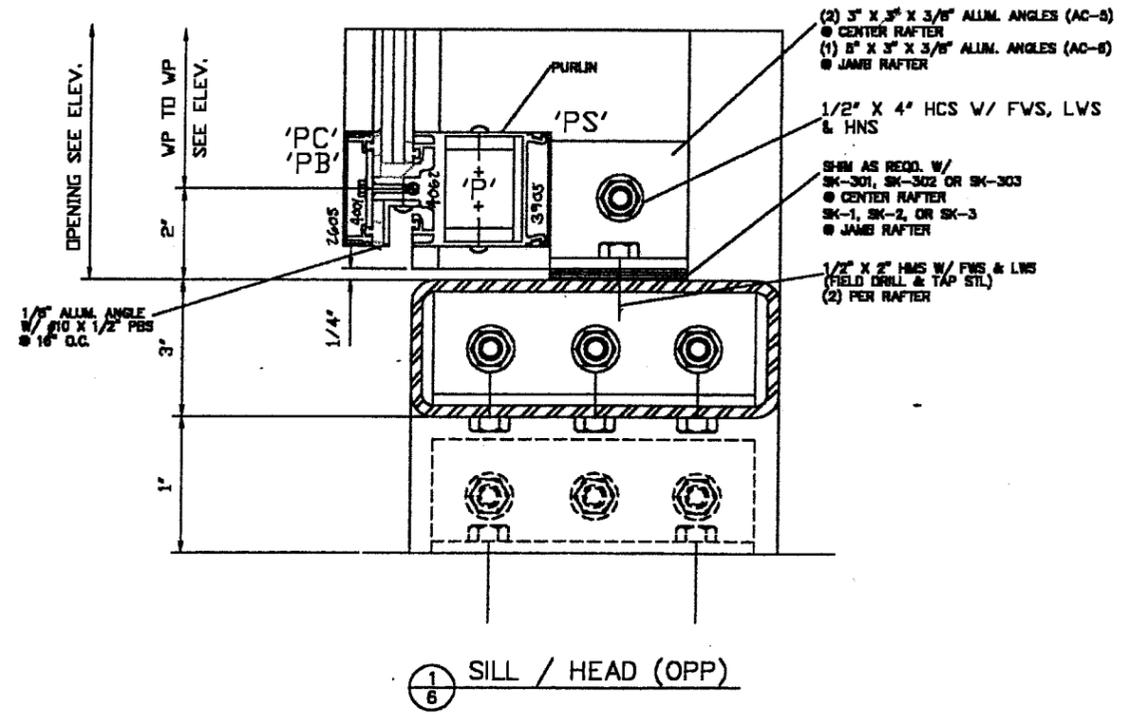
2 CENTER PURLIN



3 TYPICAL RAFTER



4 JAMB RAFTER



1 SILL / HEAD (OPP)

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

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	DETAILER	BV	DRAWINGS ISSUED DATE	USE	REVISIONS	DETAILER	BV	DRAWINGS ISSUED DATE	USE
			5/29/97	1ST. SUBMISSION					
			8/7/97	ERECTION					
			8/25/97	RECORD					
			5-10-98	RECORD					

ALL DETAILS ARE 1/2 FULL SIZE UNLESS OTHERWISE NOTED

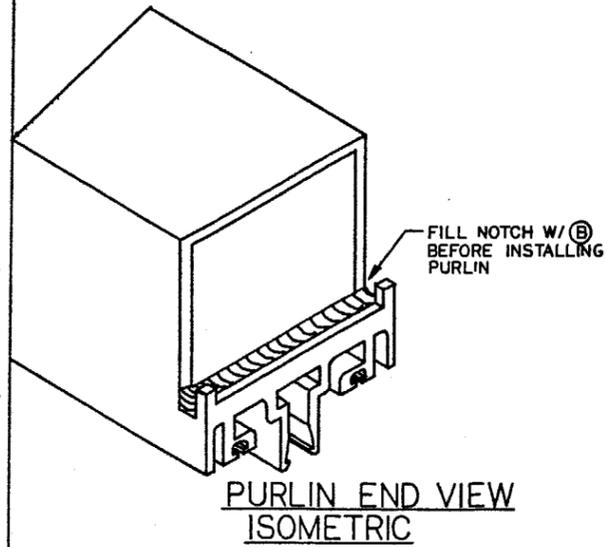
REFER TO SHEET ONE FOR DETAIL AND GENERAL NOTES

NATURALITE
SKYLIGHT SYSTEMS
750 AIRPORT ROAD
P.O. BOX 629
TERRELL, TEXAS 75160
1-972-351-6400
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		E6 OF 12	
CHECKED	DATE	ARCH/ENGR			
		TITLE DETAILS UNITS #2 & #3			

ERECTION & GLAZING NOTES:

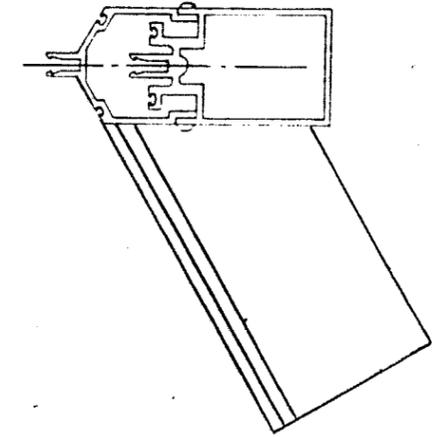
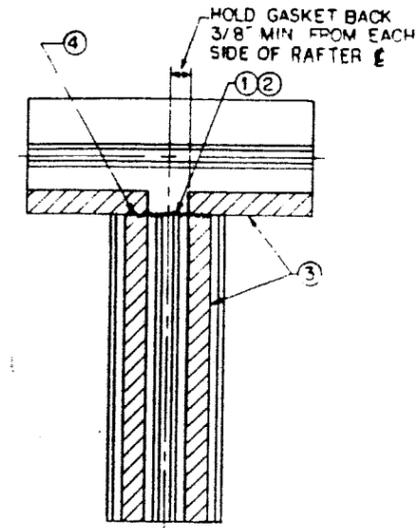
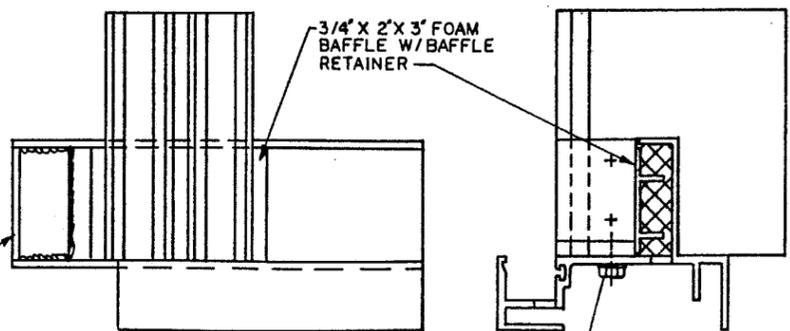
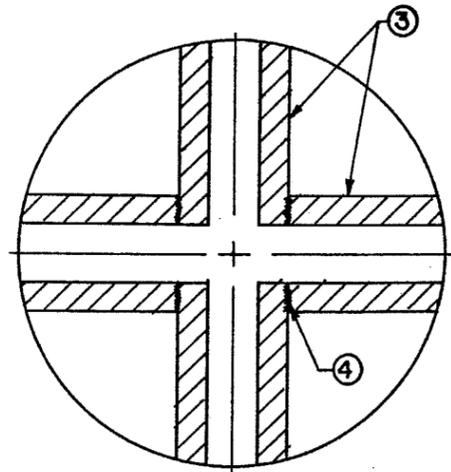
- 1.) SEAL ALL RAFTERS TO HIP, RIDGES & COMP RINGS W/ (B) SEALANT
- 2.) ALL METAL TO METAL CONNECTIONS TO BE CLEANED W/ SOLVENT PRIMED & SEALED W/ (B) SEALANT
- 3.) GASKETS ON ALL FRAMING TO BE FIELD INSTALLED & COMPRESSED APPROX. 1/8" PER FOOT
- 4.) BUTT SEAL ALL GASKET INTERSECTIONS W/ (A) SEALANT



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.



APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE September 24, 1998
 BY Helmut A. Moler
 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. Moler
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE

David Starn
7-9-98

REVISIONS	DETAILER	BV	DRAWINGS ISSUED DATE	USE	REVISIONS	DETAILER	BV	DRAWINGS ISSUED DATE	USE
	BG		6/27/97	ERECTION					
	BG		8/2/97	ERECTION					
	BG		8-25-97	RECORD					
	BG		5-18-78	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	BMS-3000 HR PRODUCT APPROVAL	JOB NUMBER
PLOT NO.	LOCATION	DADE COUNTY, FL.	EF 7269
MANUAL COMP.	CUSTOMER		DRAWING NO.
ERECTION DATE	CONTRACTOR		
CHECKED DATE	ARCH/ENGR		
	TITLE		E7 OF 12

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

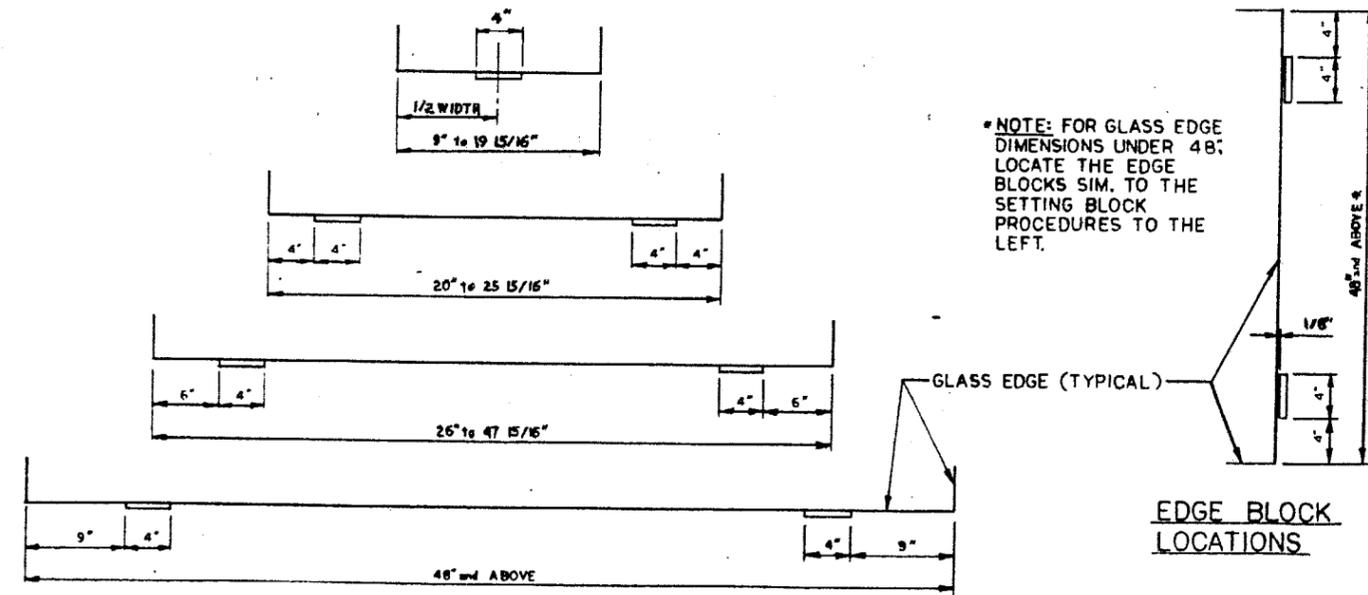
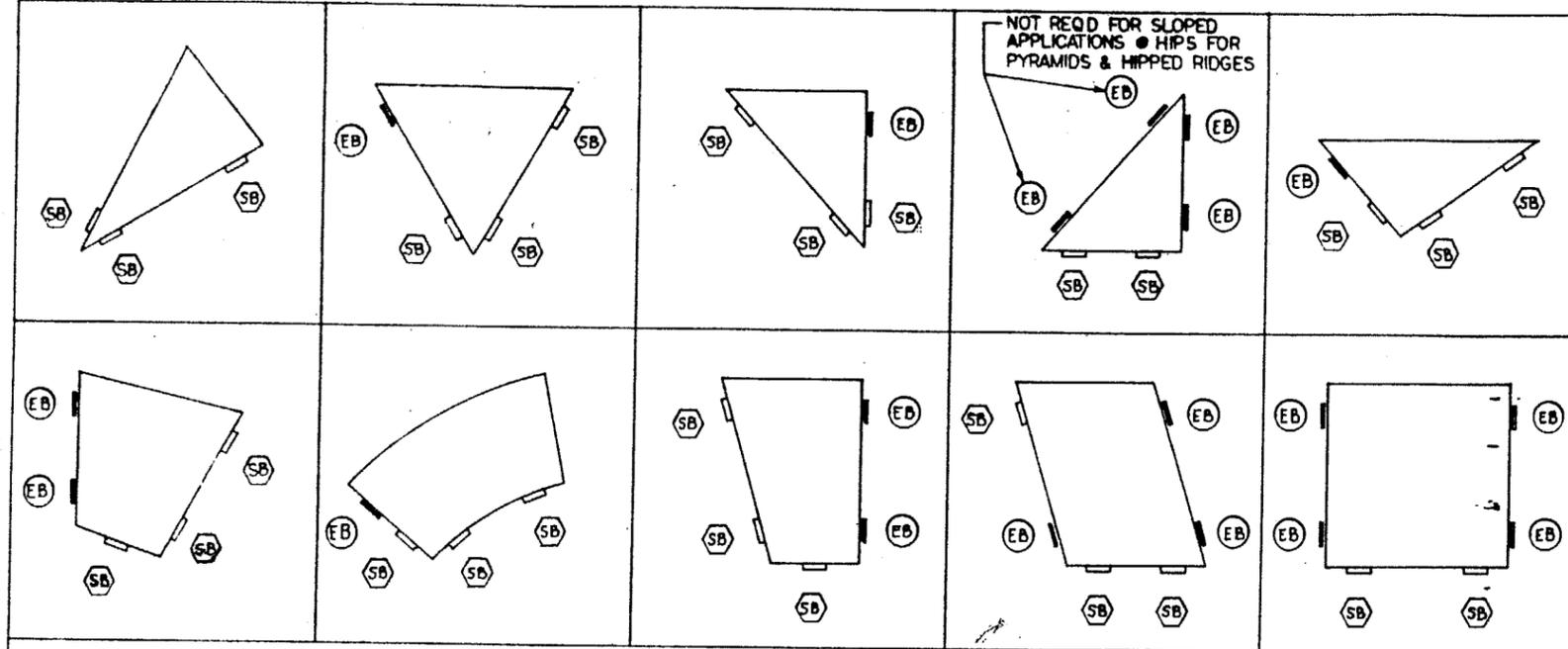
EDGE BLOCK NOTES:

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

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE September 24, 1998
BY Helming A. Mohr
PRODUCT CONTROL DIV'S ON
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 97-0903.13



SETTING BLOCK LOCATIONS

EDGE BLOCK LOCATIONS

PRODUCT RENEWED

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

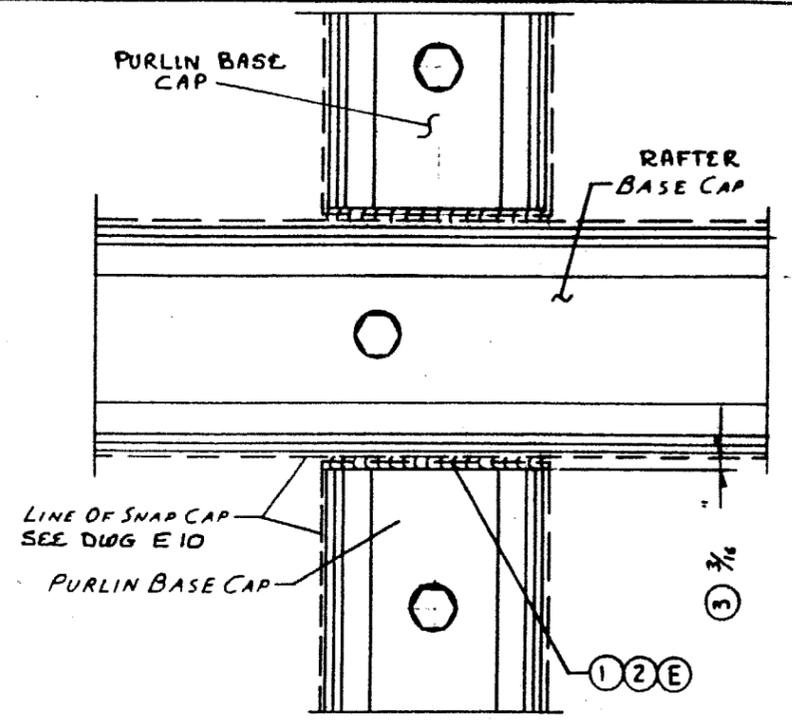
David S. Brown
7-9-98

REVISIONS	DETAILER	B/M	DRAWINGS ISSUED DATE	USE	REVISIONS	DETAILER	B/M	DRAWINGS ISSUED DATE	USE
	BG		6/27/77	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

NATURALITE
SKYLIGHT SYSTEMS
730 AIRPORT ROAD
P.O. BOX 629
TERRELL, TEXAS 75160
1-972-351-6400
A DIVISION OF BUTLER MANUFACTURING COMPANY

PLLOT FACTOR	JOB NAME	BMS-3000 NR	PRODUCT APPROVAL	JOB NUMBER
	LOCATION	DADE COUNTY, FL.		EF 7268
	CUSTOMER			DRAWN BY
	CONTRACTOR			DATE
	ARCH/ENGR			
	TITLE	GLASS BLOCKING & SEALANT EXPIRATION GUIDE		EB 12

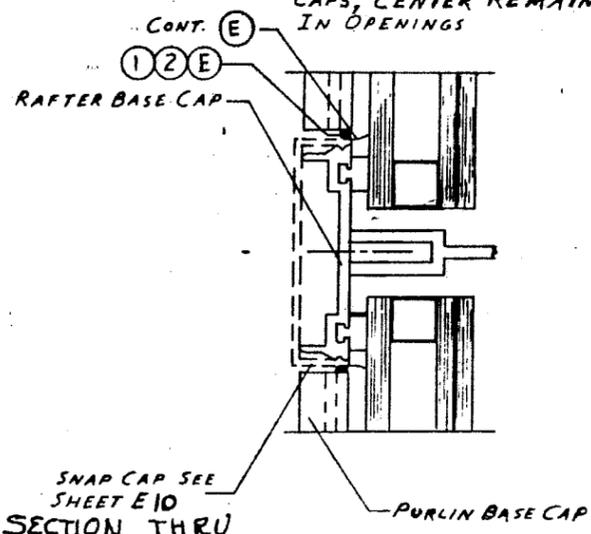


DETAIL 1
TYPICAL BASE CAP
INTERSECTION

GLAZING PROCEDURES

ALWAYS CLEAN CAP ENDS W/ SOLVENT & PRIME W/ PRIMER BEFORE INSTALLING

- ① CLEAN, PRIME & INSTALL CAPS, PLACE A BEAD OF (E) SEALANT BETWEEN CAPS AS SHOWN
- ② INSTALL SNAP CAPS @ THRU CAPS, PLACE A BEAD OF SEALANT BETWEEN SNAP CAP OF THRU CAP & BASE CAP OF INTERSECTING CAP
- ③ AFTER INSTALLING BASE & SNAP CAPS @ THRU CAPS, CENTER REMAINING BASE CAPS IN OPENINGS

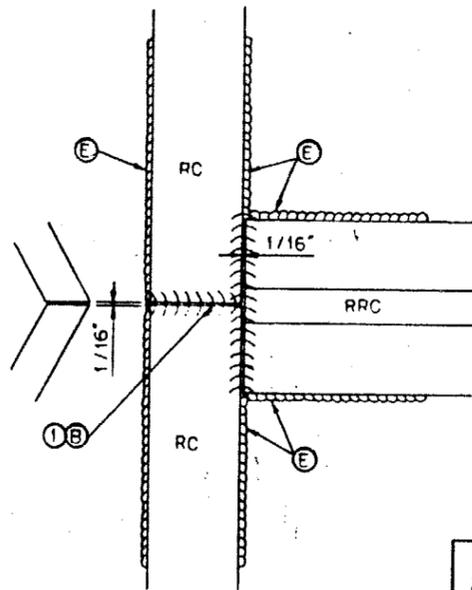


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 DATE September 24, 1998
 BY Helmy A. Mohr
 PRODUCT CONTROL DIV'S. ON
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 97-0903.13

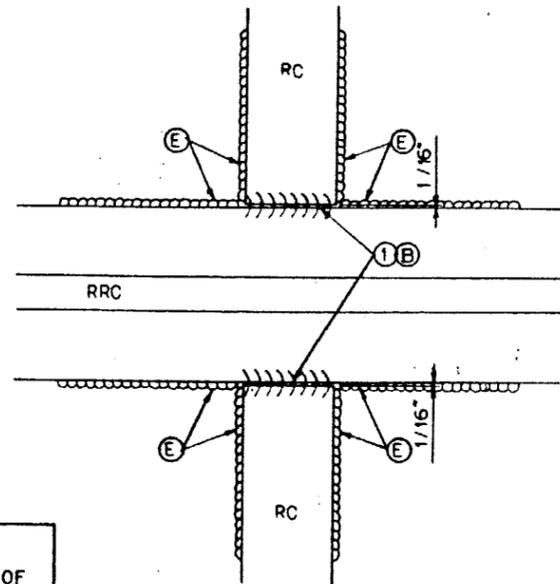
PRODUCT RENEWED
 ACCEPTANCE No. 01-0118-02
 EXPIRATION DATE 09/24/2006
 By Helmy A. Mohr
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE

David J. Mann
7-9-98

NO.	DATE	DESCRIPTION	REVISIONS	DETAILER	F.S.	DRAWINGS ISSUED DATE	DATE	ALL DETAILS ARE 1/2 FULL SIZE UNLESS OTHERWISE NOTED	NATURALITE FLUORESCENT SYSTEMS 280 AIRPORT ROAD P.O. BOX 529 TOSSELL, TEXAS 75069 972-554-8100 A DIVISION OF BENTON HAWKINS COMPANY	PROJECT NAME	JOB NAME	LOCATION	ACK. NUMBER
BG	6/27/97	ERECTION						REFER TO SHEET ONE FOR DETAILS AND GENERAL NOTES	BMS-3000 MR PRODUCT APPROVAL	DADE COUNTY, FL.	CUSTOMER	CONTRACTOR	DRAWING NO.
<u>ML</u>	8/2/97	ERECTION					E9 OF 12						
BG	8-25-97	RECORD											
BG	5-18-98	RECORD											



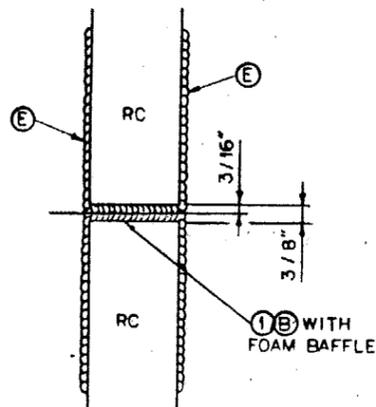
END RAFTER AND RIDGE CAP DETAIL



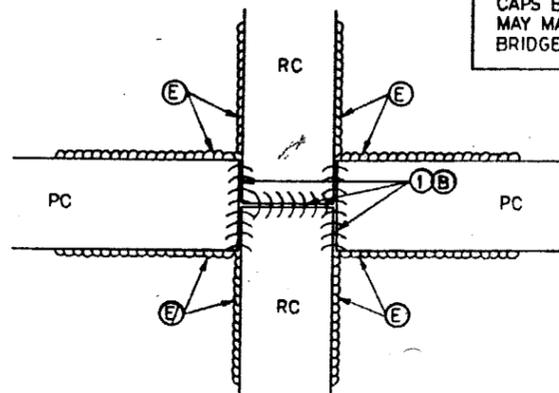
RAFTER AND RIDGE CAP DETAIL

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

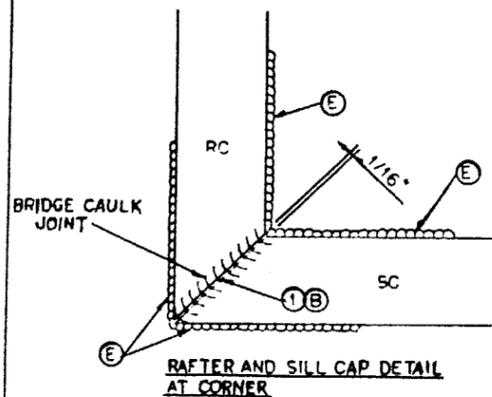
GLAZIER NOTE:
APPLYING TAPE OVER THE CAPS BEFORE CAULKING MAY MAKE A NEATER BRIDGE CAULK JOINT.



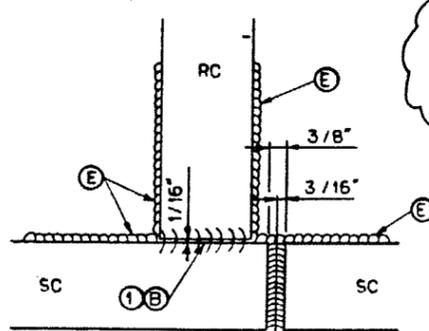
RAFTER CAPS AT EXPANSION JOINT



RAFTER AND PURLIN CAP DETAIL

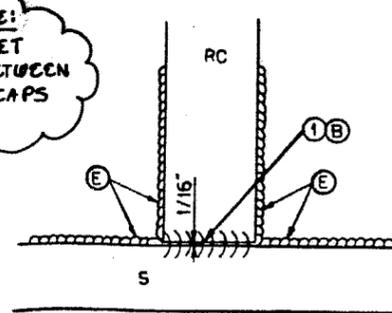


RAFTER AND SILL CAP DETAIL AT CORNER

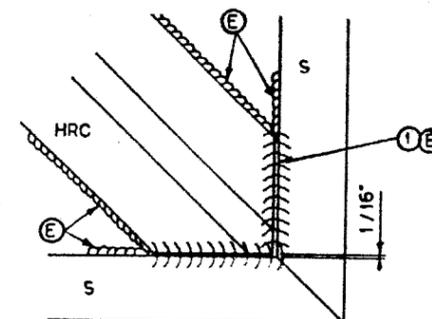


RAFTER CAP AT SILL SPLICE

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



RAFTER CAP AND SILL DETAIL



RAFTER CAP AND SILL DETAIL AT CORNER

PRODUCT RENEWED

ACCEPTANCE No. 01-0118-02

EXPIRATION DATE 09/24/2006

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

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

David S. Bann
7-9-98

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

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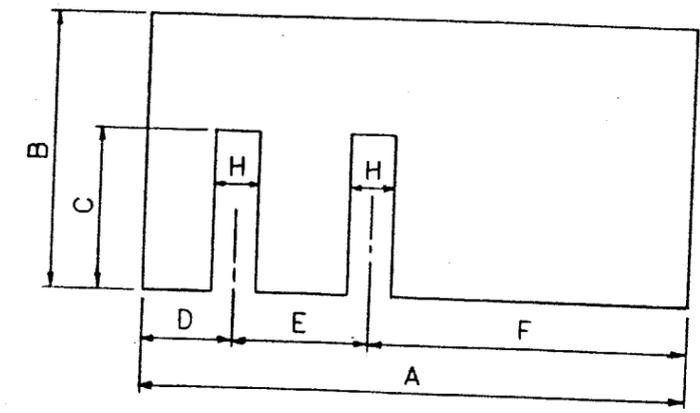
REFER TO SHEET ONE FOR DETAIL AND GENERAL NOTES

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

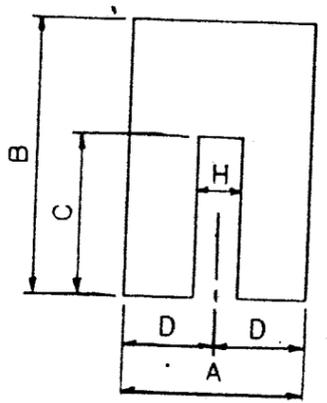
PLLOT FACTOR	JOB NAME	BMS-3000 HR	PRODUCT APPROVAL	JOB NUMBER
PLLOT NO.	LOCATION	DADE COUNTY, FL.		EF 7269
MANUAL COMP.	CUSTOMER			DRAWING NO.
ERECTION DATE	CONTRACTOR			ARCH/ENGR
DESIGNED DATE	TITLE	PYRAMID / RIDGE GLAZING GUIDE		

E 10 of 12

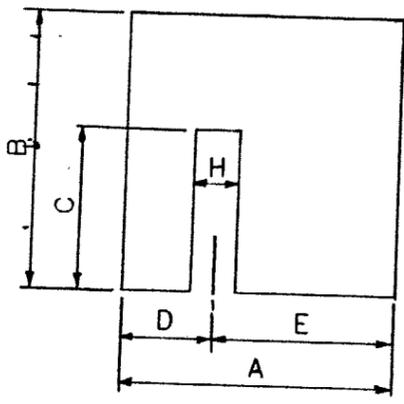
TYPE	MARK NUMBER	THICK.	DIMENSIONS FROM PLAN								REMARKS		
			A	B	C	D	E	F	G	H			
2	SK-301	35	1/4"										USE @ AC-301 ALL UNITS & AC-321-AC-322 UNIT #1
	SK-302	35	1/8"	3"	3"	1 3/4"	1 1/4"	1 3/4"				9/16"	
	SK-303	70	1/16"										
1	SK-1	25	1/4"										USE @ JAMB RAFTER CLIPS AC-312 ALL UNITS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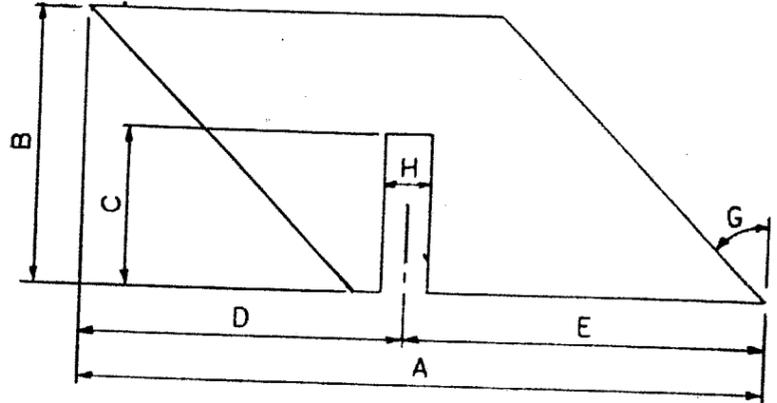
TYPE 1



TYPE 3



TYPE 2



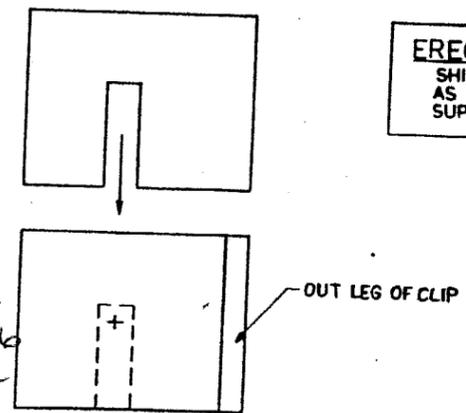
TYPE 4

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

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

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

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



James S. Baum
 7990

REVISIONS		DETAILER	BV	DRAWINGS ISSUED DATE	USE	REVISIONS		DETAILER	BV	DRAWINGS ISSUED DATE	USE
		BO		6/27/97	ERECTION						
		BG		8/17/97	ERECTION						
		BG		8-23-97	RECORD						
		BG		5-10-98	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	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 NATURLITE / EPI	