



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY  
AFFAIRS (PERA)  
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/building](http://www.miamidade.gov/building)

**NOTICE OF ACCEPTANCE (NOA)**

**International Skylights**  
**dba Acralight International Skylights**  
**1831 South Ritchey Street**  
**Santa Ana, CA 92705**

**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 PERA-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. PERA 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 Florida building Code including the High Velocity Hurricane Zone.

**DESCRIPTION: Curb Mount and Self Flashing Skylight**

**APPROVAL DOCUMENT:** Drawing No. HRDADE, titled "HR Hurricane Resistant Skylight, HRL, HRLDD, HRA, & HRADD ", sheets 1 through 7 of 7, prepared by Acralight International Skylights, dated 10/16/03, signed and sealed by Leon Murray, P.E., on 01/09/12, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number & expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING: Large & Small Missile Impact Resistant**

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, Terrell, Texas and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein and the dome shall be properly marked by Optix Acrylic Manufactured.

**RENEWAL** of this NOA shall not 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 NOA # 08-1224.09 and consists of this page 1, evidence submitted pages E-1 and E-2 as well as approval document mentioned above.

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



*Helmy A. Makar*  
01/19/2012

NOA No. 11-1014.02  
Expiration Date: 03/22/2014  
Approval Date: 01/19/2012  
Page 1

**International Skylights**  
**dba Acralight International Skylights**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL NOA #04-0302.01**

**A. DRAWING**

1. *Drawing No. HRDADE, sheets 1 through 7 of 7, titled "HR Hurricane Resistant Skylight, HRL, HRLDD, HRA & HRADD", prepared by Naturalite Skylight Systems, dated 10/16/03, with no revisions, signed and sealed by D. S. Barron, P.E.*

**B. TESTS**

1. *Test report on Large Missile Impact Test and Cyclic Load Test on "Specimen 4 HRADD, Specimen 5 HRA", prepared by Hurricane Test Laboratory, Inc., report No. 0142-0413-02 issued on 04/16&17/02, signed and sealed by V. J. Abraham, P.E.*
2. *Test report on Uniform Static Air Pressure Test on "Specimen 1 HRA", prepared by Hurricane Test Laboratory, Inc., report No. 0142-0413-02(1), issued on 04/15-10/02, signed and sealed by V. J. Abraham, PE.*
3. *Test report on Large Missile Impact Test, Cyclic Load Test and Uniform Static Air Pressure Test on "Specimen 2 & 3 HRLDD", prepared by Hurricane Test Laboratory, Inc, report No. 0142-0413.02, issued on 04/16-17/02, signed and sealed by V. J. Abraham PE.*

**C. CALCULATIONS**

1. *Anchor Calculation, sheets 1 and 2, dated 10/24/03 prepared by D. S. Barron, signed and sealed by D. S. Barron, PE.*

**D. MATERIAL CERTIFICATIONS**

1. *Notice of Acceptance No. 02-0719.09, issued to Rmax, Inc, on 08/22/02, expiring on 07/08/07.*
2. *Notice of Acceptance No. 03-0520.05, issue to Plaskolite, Inc., on 10/02/03, expiring on 06/26/2004.*

**E. STATEMENTS**

1. *Test compliance letter issue by D. S. Barron, on 10/29/03, signed and sealed by D. S. Barron, PE.*
2. *Letter of No-Financial interest issue by Barron Consulting Engineering, on 08/17/00, signed by D. S. Barron, PE and notarized by J. A. Soles on 08/17/00.*
3. *No change letter issued by Naturalite Skylight Systems on 03/16/04 and signed by R. Heather.*

**2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #08-1224.09**

**A. DRAWING**

1. *None.*



Helmy A. Makar, P.E., M.S.

PERA, Product Control Unit Supervisor

NOA No. 11-1014.02

Expiration Date: 03/22/2014

Approval Date: 01/19/2012

**International Skylights**  
**dba Acralight International Skylights**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**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.*

**F. STATEMENTS**

1. *Compliance letter issue by David S. Barron, on 12/08/2008, signed and sealed by David S. Barron, PE.*
2. *No change letter issued by Oldcastle Glass Naturalite signed by R. Heather.*

**3. NEW EVIDENCE SUBMITTED**

**A. DRAWING**

1. *Drawing No. HRDADE, titled "HR Hurricane Resistant Skylight, HRL, HRLDD, HRA, & HRADD ", sheets 1 through 7 of 7, prepared by Acralight International Skylights, dated 10/16/03, signed and sealed by Leon Murray, P.E., on 01/09/12.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

1. *None.*

**D. QUALITY ASSURANCE**

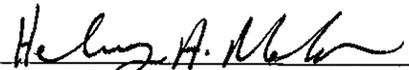
1. *By Miami-Dade County DEPARTMENT OF Permitting, environment, and Regulatory Affairs (PERA).*

**E. MATERIAL CERTIFICATIONS**

1. *None.*

**F. STATEMENTS**

1. *Compliance letter issue by Leon Murray, P.E., on 01/09/2012, signed and sealed by Leon Murray, P.E.*



Henry A. Makar, P.E., M.S.  
PERA, Product Control Unit Supervisor  
NOA No. 11-1014.02  
Expiration Date: 03/22/2014  
Approval Date: 01/19/2012

# HURRICANE RESISTANT SKYLIGHTS FOR DADE COUNTY, FLORIDA

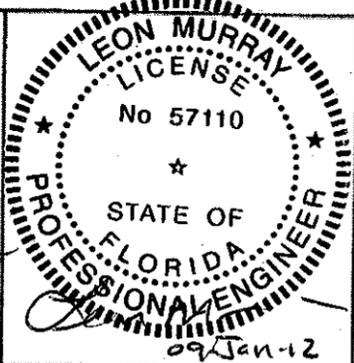
**HRL - CURB MOUNT - SINGLE DOME**

**HRLDD - CURB MOUNT - DOUBLE DOME**

**HRA - SELF FLASHING - SINGLE DOME**

**HRADD - SELF FLASHING - DOUBLE DOME**

Leon Murray P.E.  
1172 Lebanon Road  
North Berwick, ME 03906  
Florida License #57110

<p>PRODUCT REVISED as complying with the Florida Building Code Acceptance No <u>11-1014.02</u> Expiration Date <u>03/22/2014</u> By <i>Leon A. Murray</i> Miami Dade Product Control</p>	 <p>LEON MURRAY LICENSE No 57110 STATE OF FLORIDA PROFESSIONAL ENGINEER 09 Jan-12</p>
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DATE: 10-16-03			
DRAWN BY: REH			
DRAWING NO.: HRDADE	REVISIONS		DATE

**HR** HURRICANE RESISTANT SKYLIGHT

**ACRALIGHT™**  
INTERNATIONAL SKYLIGHTS  
100 METRO DR., TERRELL, TX 75160  
Phone (858) 551-2200 Fax (972) 551-2202



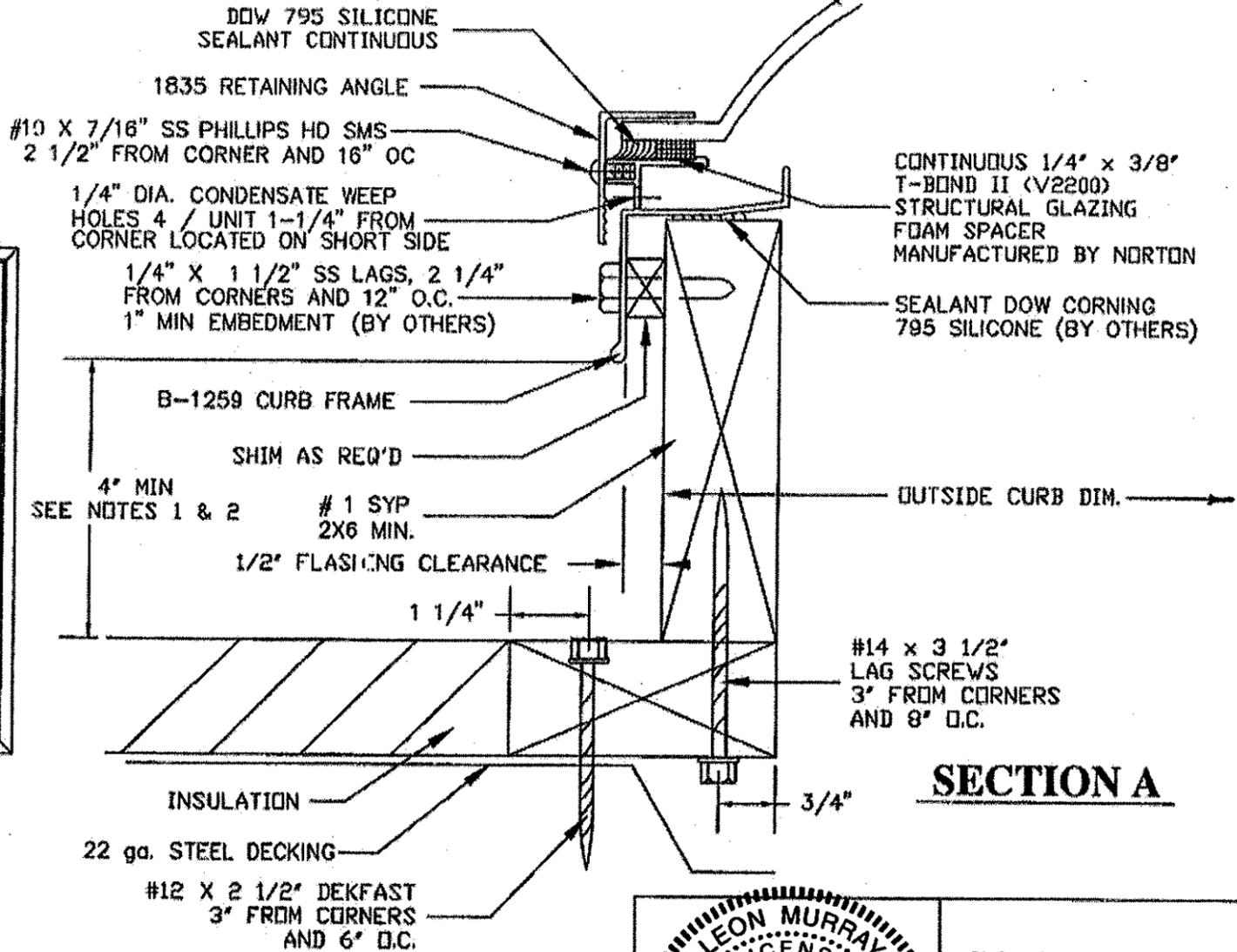
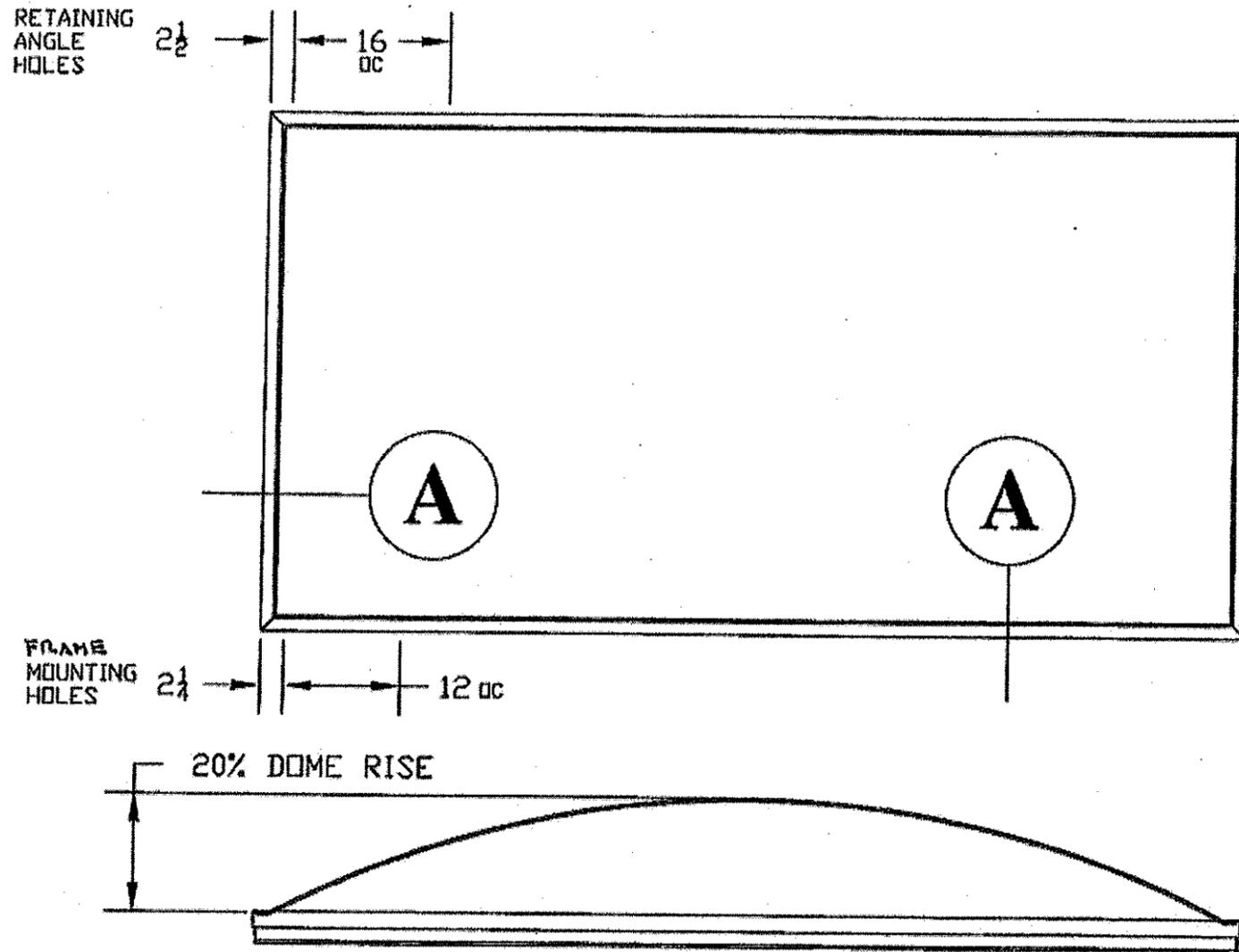
SHEET: 1  
OF: 7

STOCK NUMBER	OUTSIDE CURB DIMENSIONS
HRL 8399	83" X 99"
DESIGN PRESSURES +20 -60 LARGE MISSILE IMPACT	

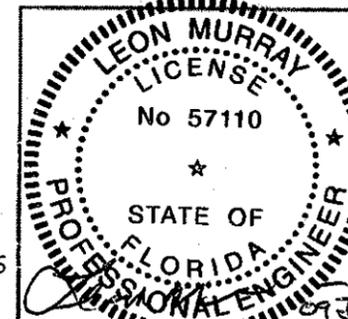
### GENERAL NOTES

- 1) ALL ROOFING DETAILS SHALL COMPLY WITH CHAPTER 15 OF THE FLORIDA BUILDING CODE.
- 2) 4" MINIMUM DISTANCE IS REQUIRED FROM ANGLE LIP TO ROOF SURFACE IS FOR SHINGLE OR B.U.R. WITHOUT INSULATION. FOR INSULATION AND TILE ROOF ADD TILE HEIGHT AND INSULATION THICKNESS TO 4" MINIMUM HEIGHT.
- 3) ANCHORS TO BE MADE OF NON-CORROSIVE MATERIAL, COMPATIBLE WITH ALUMINUM.

20% RISE, 1/4" (100% DR) HIGH IMPACT "OPTIX" ACRYLIC MANUFACTURED BY PLASKOLITE INC. NDA # 03-0520.05



Leon Murray P.E.  
1172 Lebanon Road  
North Berwick, ME 03906  
Florida License #57110



PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No 11-1014.02  
Expiration Date 03/22/2014  
By *Heather H. Miller*  
Miami Dade Product Control

DATE: 10-16-03		
DRAWN BY: REH		
DRAWING NO.: HRDAE	REVISIONS	DATE

**HRL**

**ACRALIGHT™**  
INTERNATIONAL SKYLIGHTS  
100 METRO DR., TERRELL, TX 75160  
Phone (855) 651-2200 Fax (972) 651-2202

SHEET: 2  
OF: 7

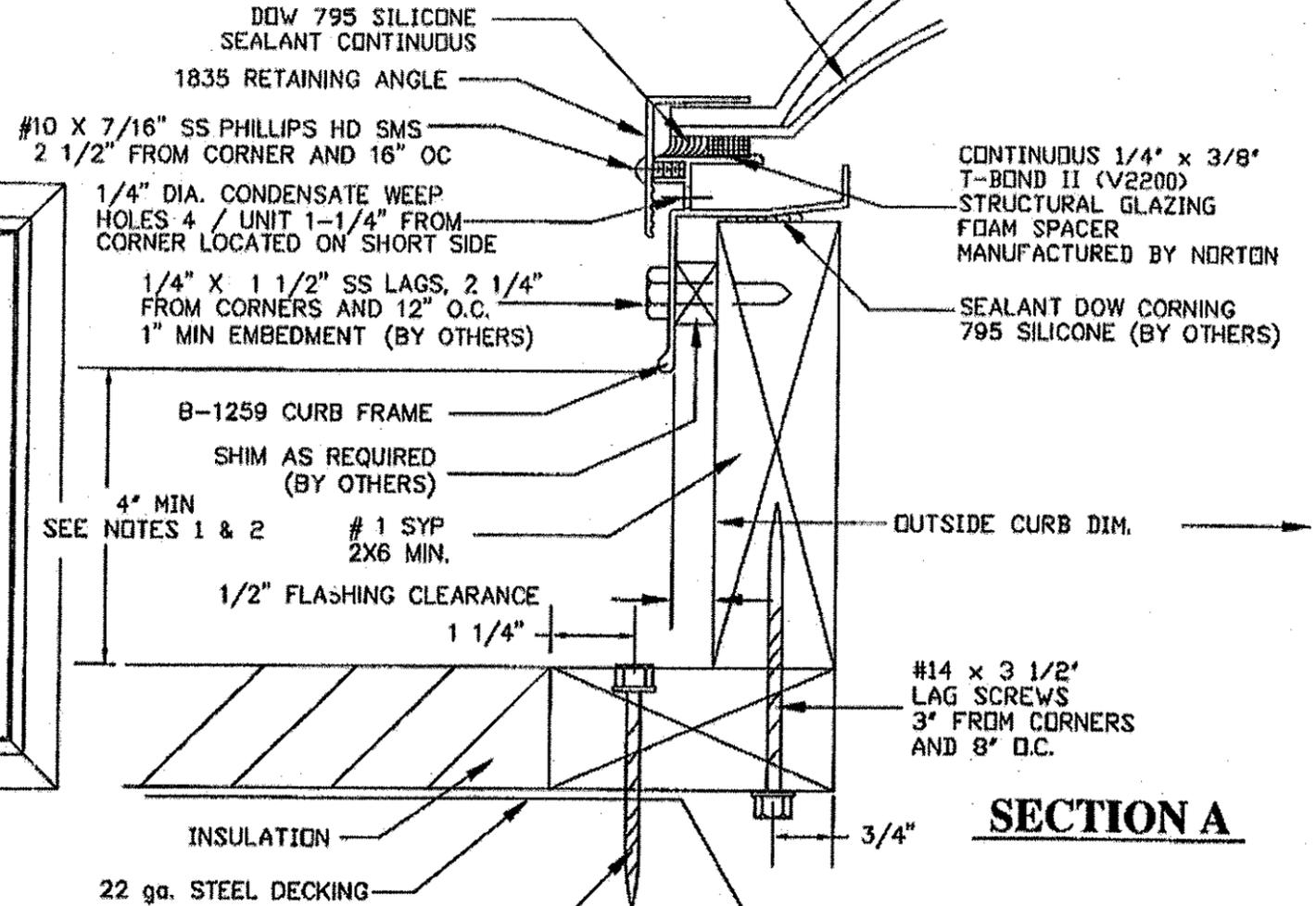
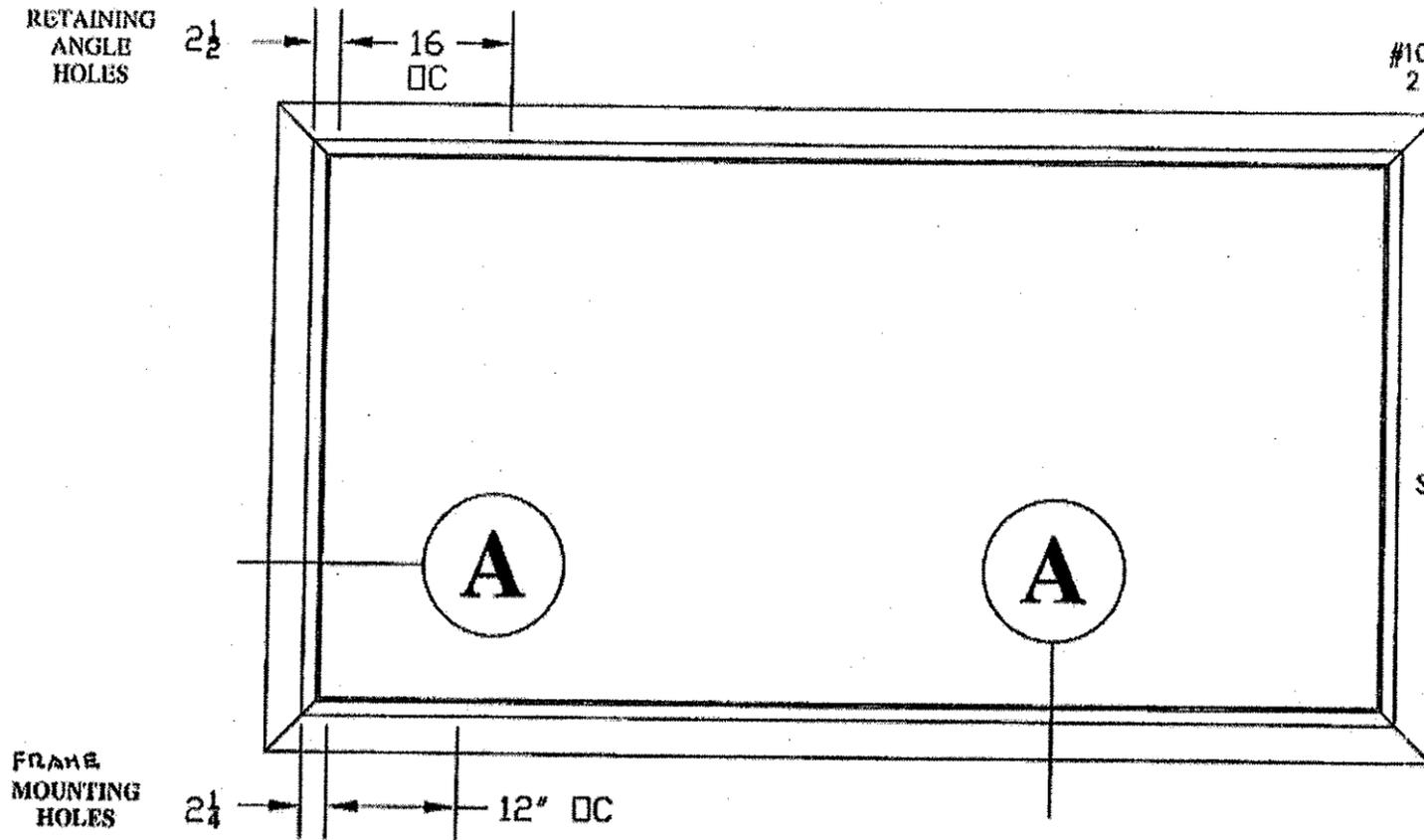
STOCK NUMBER	OUTSIDE CURB DIMENSIONS
HRLDD 8399	83" X 99"
DESIGN PRESSURES	
+20	
-60	
LARGE MISSILE IMPACT	

### GENERAL NOTES

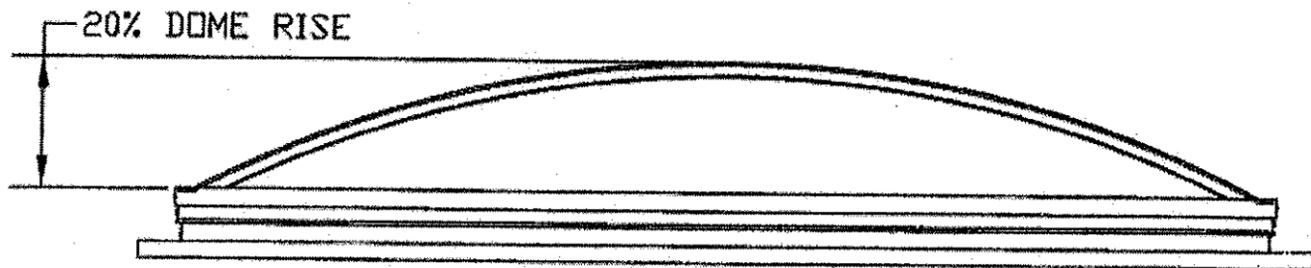
- 1) ALL ROOFING DETAILS SHALL COMPLY WITH CHAPTER 15 OF THE FLORIDA BUILDING CODE.
- 2) 4" MINIMUM DISTANCE IS REQUIRED FROM ANGLE LIP TO ROOF SURFACE IS FOR SHINGLE OR B.U.R. WITHOUT INSULATION. FOR INSULATION AND TILE ROOF ADD TILE HEIGHT AND INSULATION THICKNESS TO 4" MINIMUM HEIGHT.
- 3) ANCHORS TO BE MADE OF NON-CORROSIVE MATERIAL, COMPATIBLE WITH ALUMINUM.

20% RISE 1/4" (100% DR) HIGH IMPACT "OPTIX" ACRYLIC MANUFACTURED BY PLASKOLITE INC. NOA # 03-0520,05

1/8" (100% DR) HIGH IMPACT "OPTIX" ACRYLIC MANUFACTURED BY PLASKOLITE INC. NOA # 03-0520,05

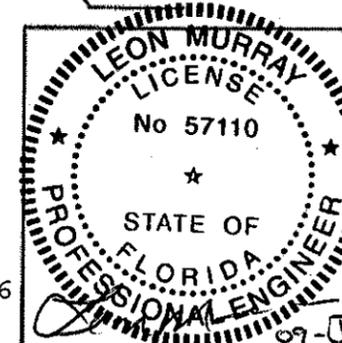


### SECTION A



**HRLDD**

Leon Murray P.E.  
1172 Lebanon Road  
North Berwick, ME 03906  
Florida License #57110



PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No. 11-1014.02  
Expiration Date 03/22/2014  
By *Leon Murray*  
Miami Dade Product Control

DATE: 10-16-03		
DRAWN BY: REH		
DRAWING NO.: HRDAE	REVISIONS	DATE

**HRLDD**

**ACRALIGHT™**  
INTERNATIONAL SKYLIGHTS  
100 METRO DR., TERRELL, TX 75160  
Phone (585) 551-2200 Fax (972) 551-2202

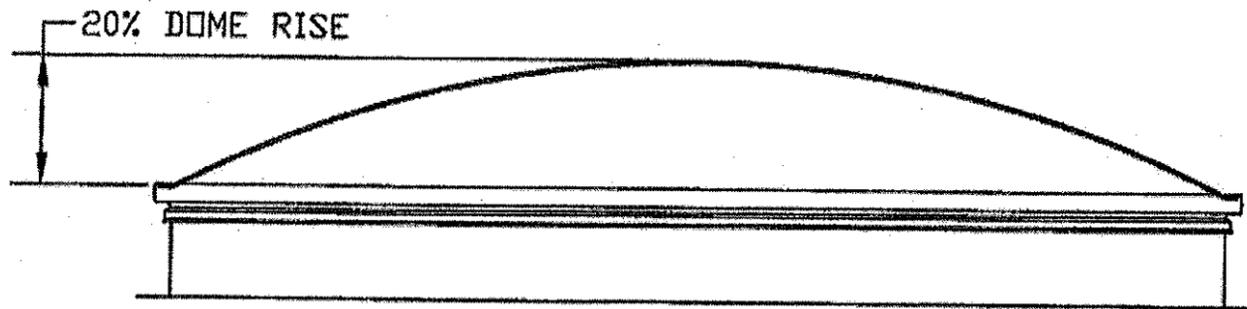
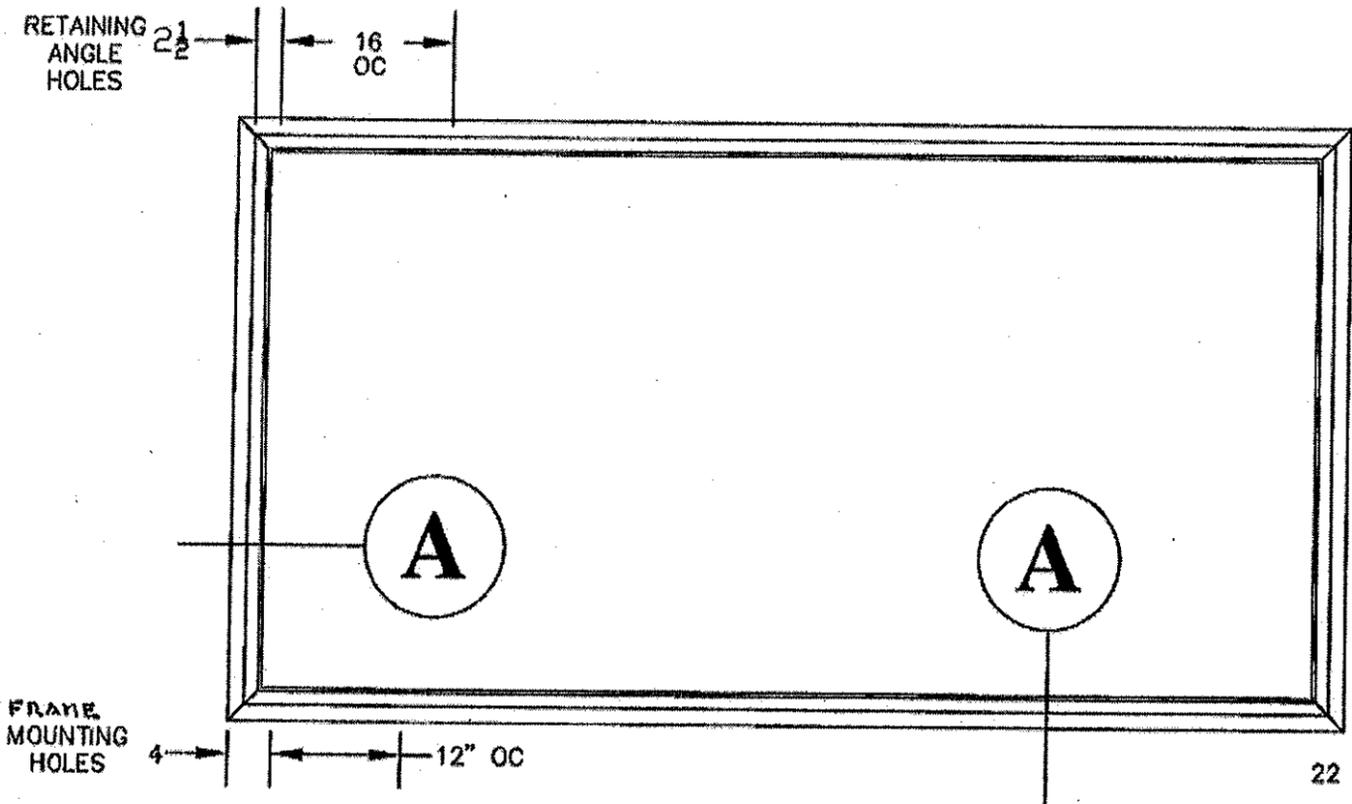
SHEET: 3  
OF: 7

STOCK NUMBER	INSIDE CURB DIMENSIONS
HRA 8399	80" X 96"
DESIGN PRESSURES	
+20	
-60	
LARGE MISSILE IMPACT	

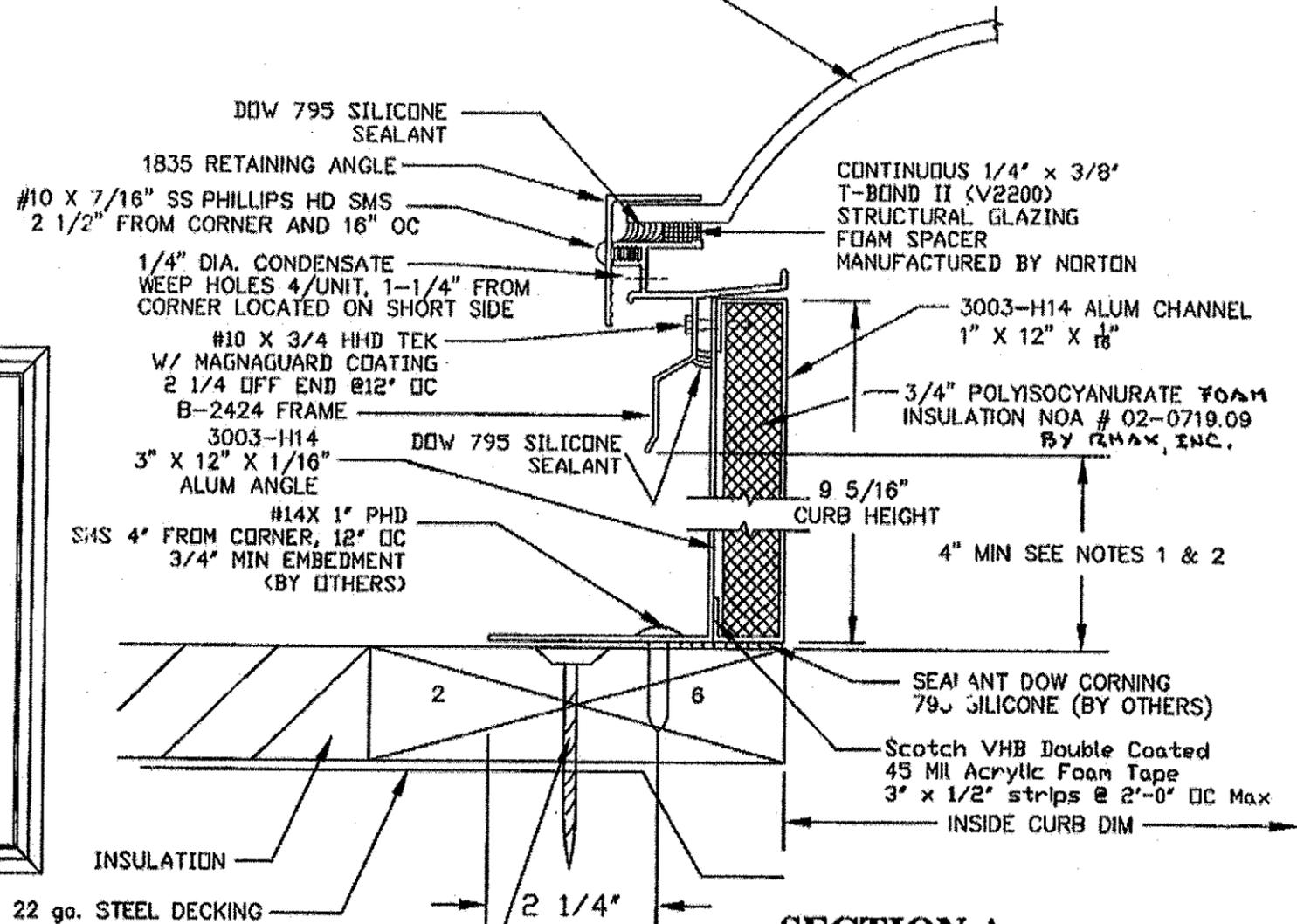
### GENERAL NOTES

- 1) ALL ROOFING DETAILS SHALL COMPLY WITH CHAPTER 15 OF THE FLORIDA BUILDING CODE.
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20% RISE 1/4" (100% DR) HIGH IMPACT 'OPTIX' ACRYLIC MANUFACTURED BY PLASKOLITE, INC. NOA # 03-0520.05

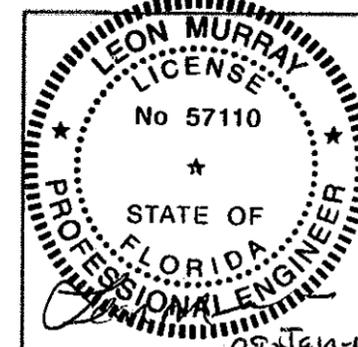


**HRA**



### SECTION A

Leon Murray P.E.  
1172 Lebanon Road  
North Berwick, ME 03906  
Florida License #57110



PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No 11-1014.02  
Expiration Date 03/22/2014  
By *Healy A. Miller*  
Miami Dade Product Control

**HRA**

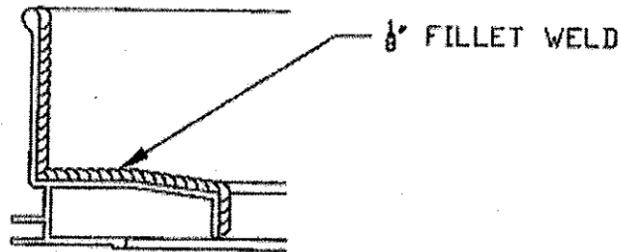
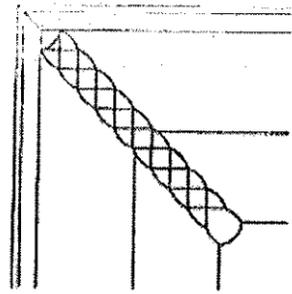
**ACRALIGHT™**  
INTERNATIONAL SKYLIGHTS  
100 METRO DR., TERRELL, TX 75160  
Phone (888) 881-2200 Fax (972) 881-2202

SHEET: 4

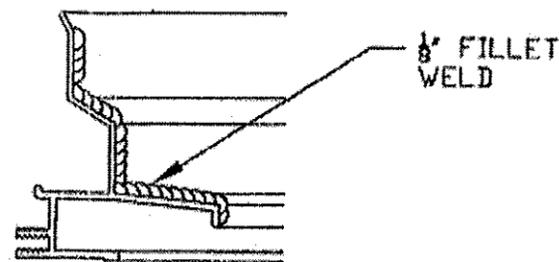
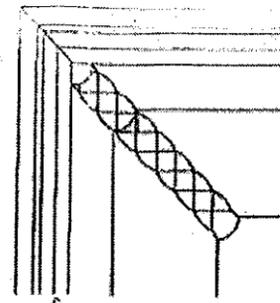
OF: 7

DATE: 10-16-03			
DRAWN BY: REH			
DRAWING NO: HRDAE	REVISIONS	DATE	

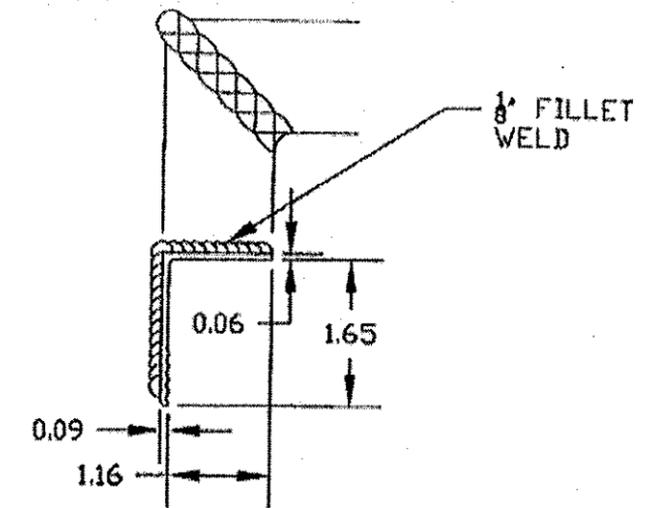




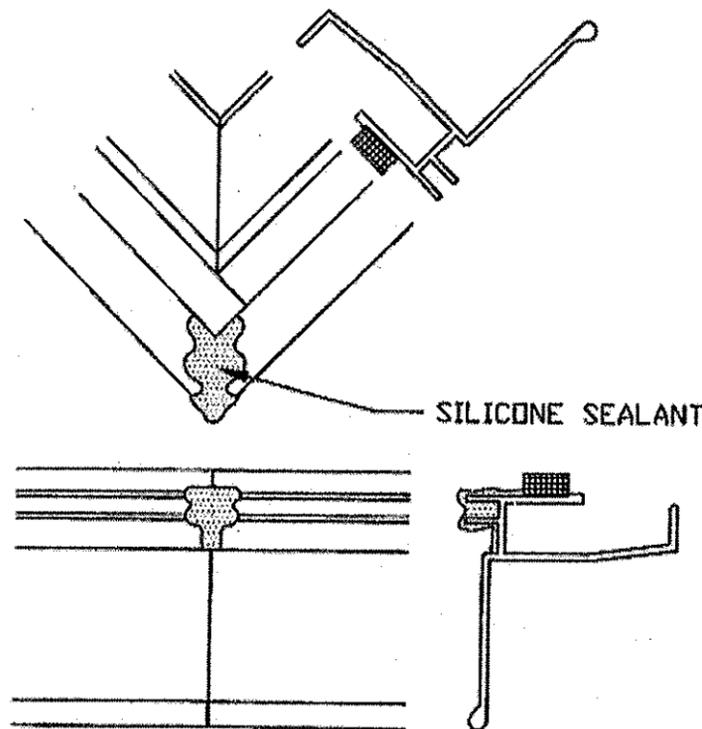
**HRL / HRLDD CORNER WELD DETAIL**



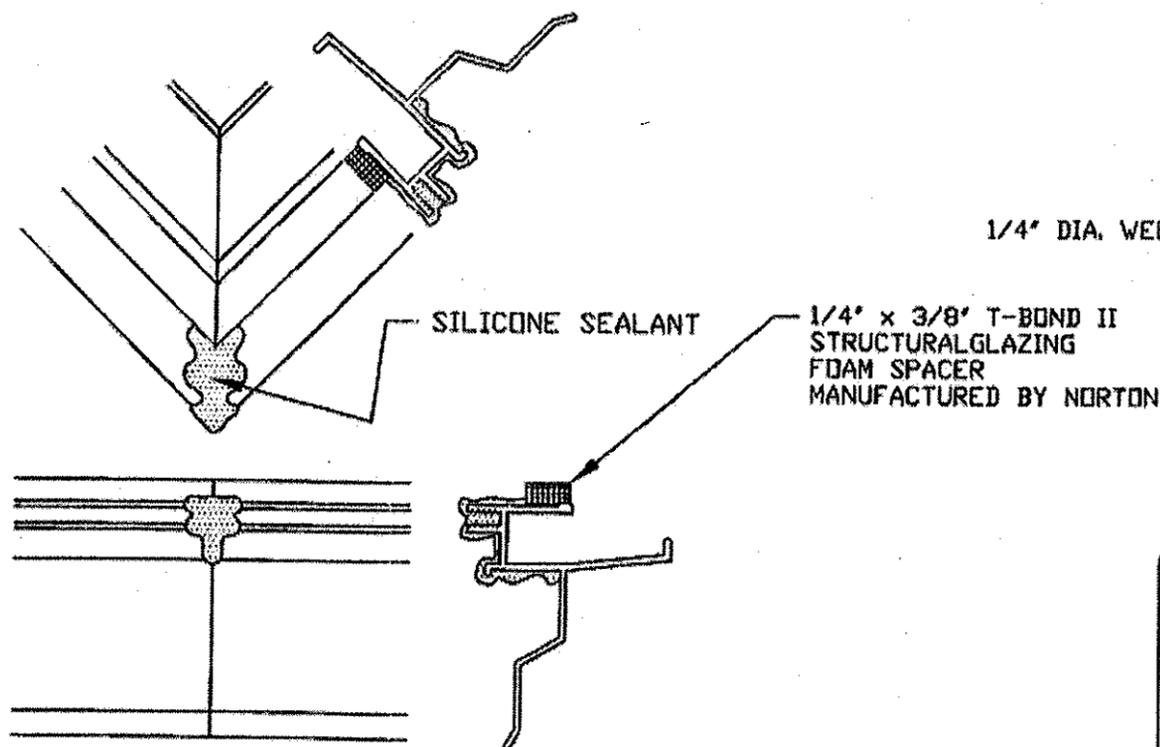
**HRA / HRADD CORNER WELD DETAIL**



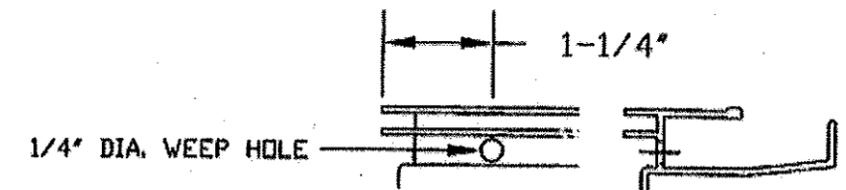
**A 1835 RET ANGLE CORNER WELD DETAIL  
6063-T5 EXTRUDED ALUMINUM**



**HRL / HRLDD CORNER SEALANT DETAIL  
B-1259 CURB MOUNT FRAME 6063-T5 ALUM ALLOY**



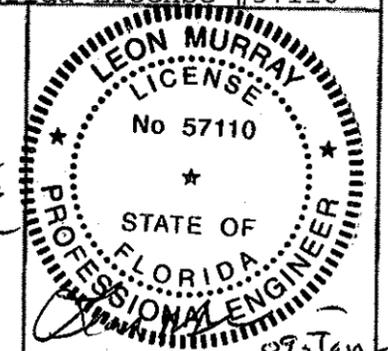
**HRA / HRADD CORNER SEALANT DETAIL  
B2424 SELF FLASHING FRAME 6063-T5 ALUM ALLOY**



**WEEP HOLE DETAIL**

Leon Murray P.E.  
1172 Lebanon Road  
North Berwick, ME 03906  
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PRODUCT REVISED  
as complying with the Florida  
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By *Heather A. Miller*  
Miami Dade Product Control

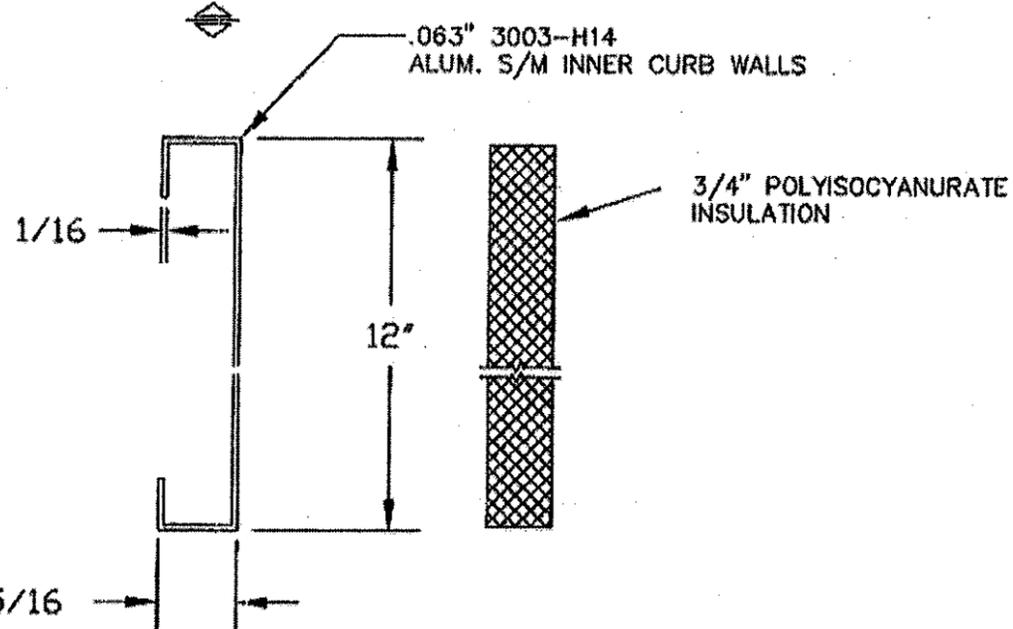
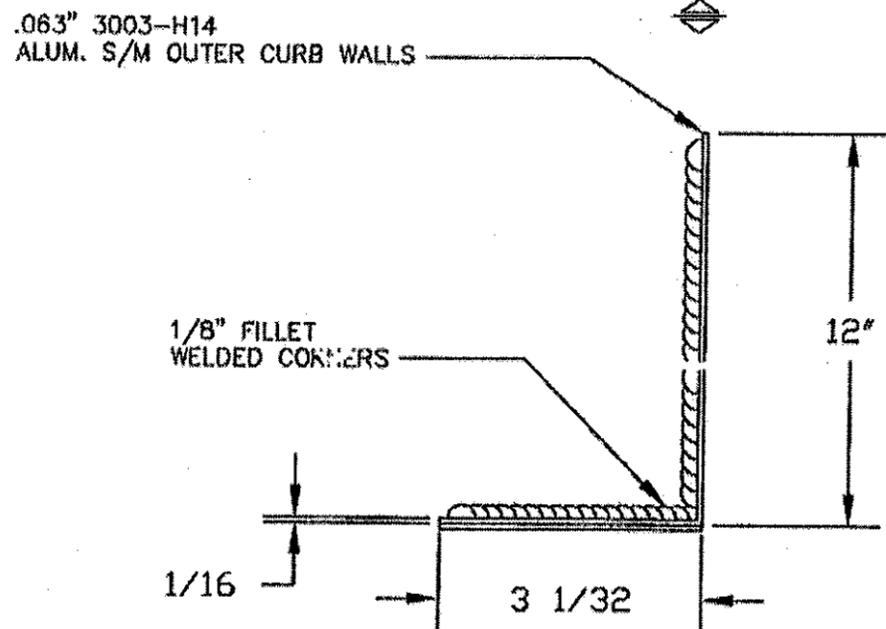
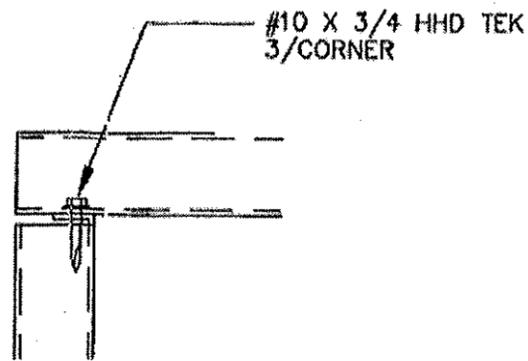
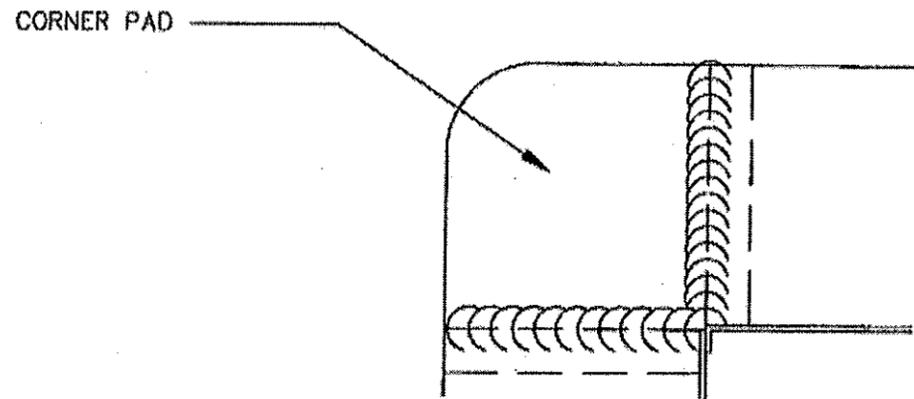


DATE: 10-16-03		
DRAWN BY: REH		
DRAWING NO.: HRDADE	REVISIONS	DATE

**HR HURRICANE RESISTANT SKYLIGHT**

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SHEET: 6  
OF: 7



1/8" FILLET  
WELDED CORNERS

12"

12"

1/16

3 1/32

15/16

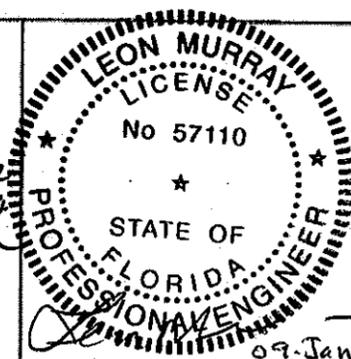
Scotch VHB Double Coated  
45 Mil Acrylic Foam Tape  
3" x 1/2" strips @ 2'-0" OC Max

3/4" POLYISOCYANURATE  
INSULATION

**CURB ASSEMBLY**

Leon Murray P.E.  
1172 Lebanon Road  
North Berwick, ME 03906  
Florida License #57110

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 11-1014.02  
Expiration Date 03/22/2014  
By *Heather A. Miller*  
Miami Dade Product Control



09-Jan-12

DATE: 10-16-03	
DRAWN BY: REH	
DRAWING NO: HR8399	

REVISIONS	DATE

**HR** HURRICANE RESISTANT SKYLIGHT

**ACRALIGHT™**  
INTERNATIONAL SKYLIGHTS  
100 METRO DR., TERRELL, TX 75160  
Phone (855) 861-2200 Fax (972) 861-2202

SHEET: 7
OF: 7