



**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.miamidade.gov](http://www.miamidade.gov)

**NOTICE OF ACCEPTANCE (NOA)**

**Acurlite Structural Skylights, Inc.**  
 1017 North Vine Street, P. O. Box 5  
 Berwick, PA 18603

**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: 9/16" Laminated Glass and Aluminum Extrusions Skylight System**

**APPROVAL DOCUMENT:** Drawing No. LMNOA-001, titled "Secure Series Large Missile" sheets 1 through 12 of 12, dated February 04, 2010, prepared by Acurlite, signed and sealed by Robert J. McCloy, P.E., on February 08, 2010, bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and the approval date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING: Large 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 consists of this page 1, evidence submitted page E-1 as well as approval document mentioned above. The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



*Helmy A. Makar*  
 08/11/2010

NOA No. 10-0217.07  
 Expiration Date: 08/11/2015  
 Approval Date: 08/11/2010  
 Page 1

**Acurlite Structural Skylights, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. *Drawing No. LMNOA-001, titled " Secure Series Large Missile " sheets 1 through 12 of 12, dated February 04, 2010, prepared by Acurlite, signed and sealed by Robert J. McCloy, P.E., on February 08, 2010.*

**B. TESTS**

1. *Test report on Large Missile Impact Test, Cyclic Load Test, and Uniform Static air Pressure Test on Acurlite Structural Skylights, prepared by HTL, Report No. 0541-0418-09, dated 12/14/09, signed and sealed by Vinu J. Abraham, P.E.*
2. *Corner joint pull-test, prepared by HTL, Report No. 0541-0910-09, dated 11/05/09, signed and sealed by Vinu J. Abraham, P.E.*

**C. CALCULATIONS**

1. *Calculation titled " Skylight Structural Calculations ", pages 1 through 359 of 359, dated 01/22/10, signed and sealed by Robert J. McCloy, P.E.*

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. *Die Drawings for Extrusion Members.*



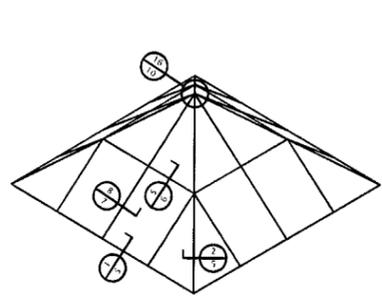
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Helmy A. Makar, P.E., M.S.  
Senior Product Control Examiner  
NOA No. 10-0217.07  
Expiration Date: 08/11/2015  
Approval Date: 08/11/2010

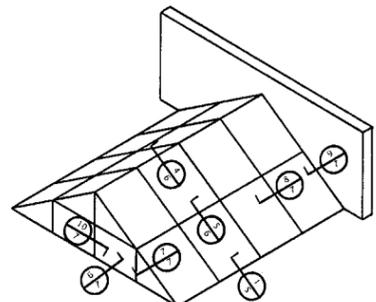
# LARGE MISSILE

Notes:

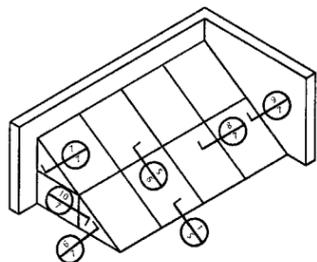
1. The skylight system indicated on these shop drawings has been verified for compliance in accordance with the 2007 Florida Building Code. Maximum design pressure +80psf and -80psf.
2. The skylight system may be installed in High Velocity Hurricane Zone.
3. These shop drawings are generic and do not provide information for site specific projects.
3. Structural adequacy of the supporting structure is not part of this product approval. Design of the supporting structure is the responsibility of the engineer of record for the project.
4. Design of the supporting structure shall take into account the loads being transferred from the skylight system (reactions) to the supporting structure.
5. The skylight system indicated on these shop drawings tested for large missile impact in accordance with TAS 201/202/203.
6. See sheet 4 of 12 of these shop drawings for glazing options
7. Aluminum in contact with dissimilar materials shall be protected in accordance with section 2003.8.4.2 of the Florida Building Code.



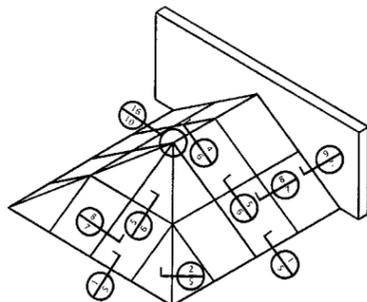
PYRAMID



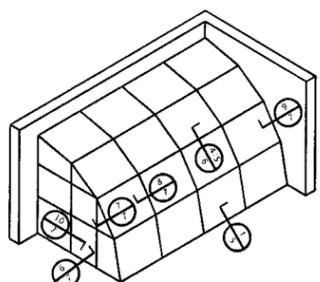
DOUBLE PITCH WITH GABLE



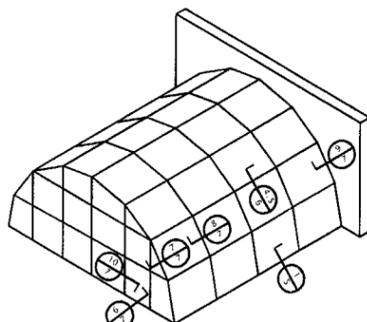
SINGLE PITCH WITH GABLE



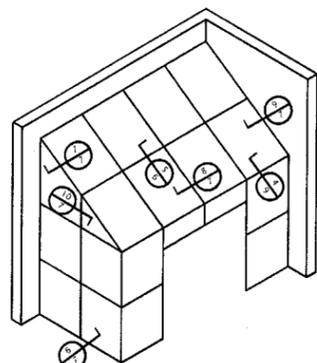
DOUBLE PITCH WITH HIP



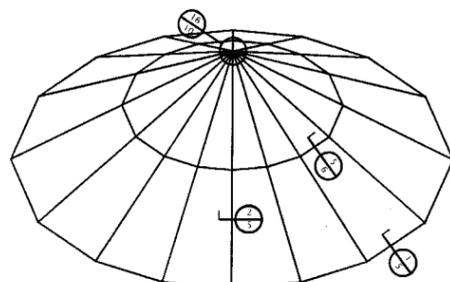
SEGMENTED BARRELL QUATER VAULT WITH GABLE



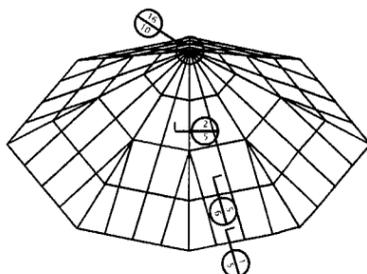
SEGMENTED BARRELL HALF VAULT WITH GABLE



STRAIGHT EAVE LEAN-TO WITH GABLE



POLYGON



POLYGON WITH JACK RAFTERS

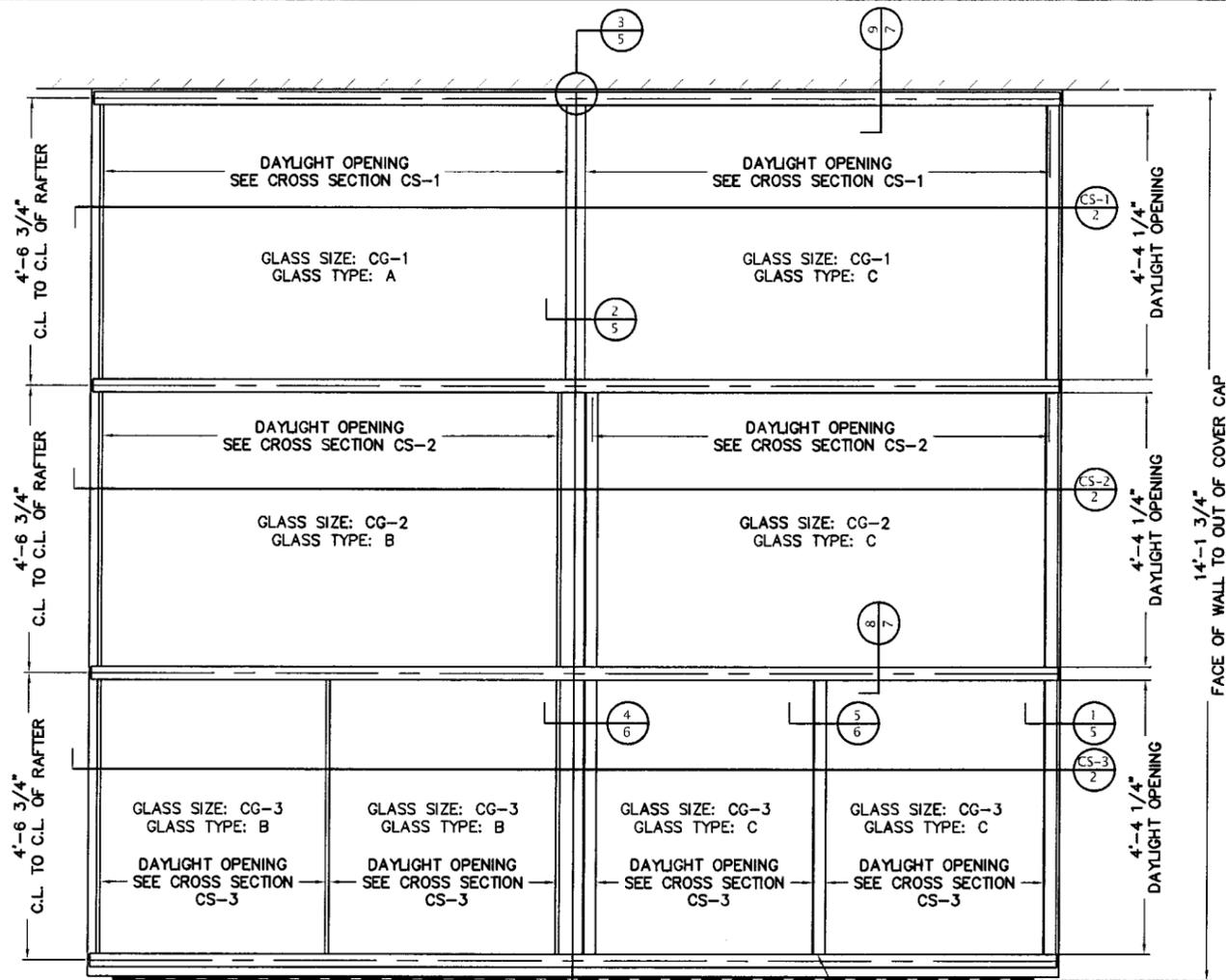
DADE COUNTY USE		ENGINEER STAMP
<p>Approved as complying with the Florida Building Code                      Date <u>08/11/2010</u>                      NOA# <u>10-0217-07</u>                      Miami Dade Product Control                      Division                      By <u>[Signature]</u></p>		<p><u>[Signature]</u>                      2/8/10</p>
<p>SECURE SERIES                      LARGE MISSILE                      COVERSHEET</p>		<p>DATE: 2/3/10                      SCALE: NONE                      DRAWING FILE:                      SHEET                      1 of 12</p>

acurlite  
 engineering light  
 Acurlite Encapsulated Skylights, Inc.  
 1017 North Vine Street, PO Box 1  
 Barrick, PA 15009  
 © 570.774.6883 © 570.774.6883 sales@acurlite.com

2/4/10

SECURE SERIES  
 LARGE MISSILE  
 COVERSHEET

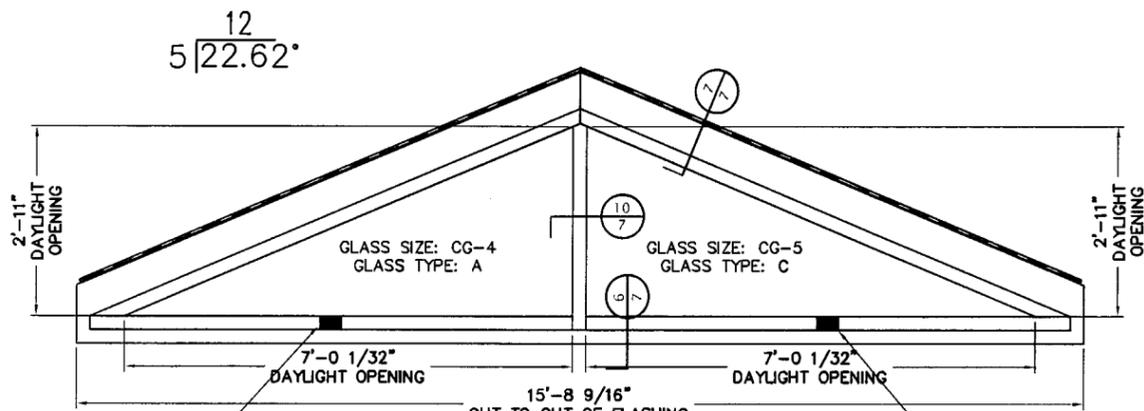
DATE: 2/3/10  
 SCALE: NONE  
 DRAWING FILE:  
 SHEET  
 1 of 12



**PLAN VIEW**

SCALE: 3/8" = 1'-0"

SEAL INTERSECTION OF ALL PRESSURE CAPS AND COVER CAPS. USE DOW CORNING 795

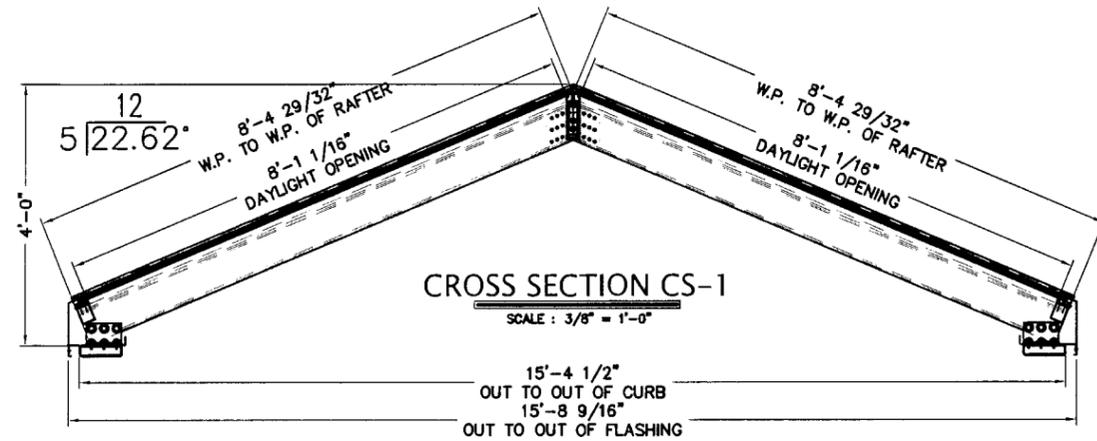


**GABLE VIEW**

SCALE: 3/8" = 1'-0"

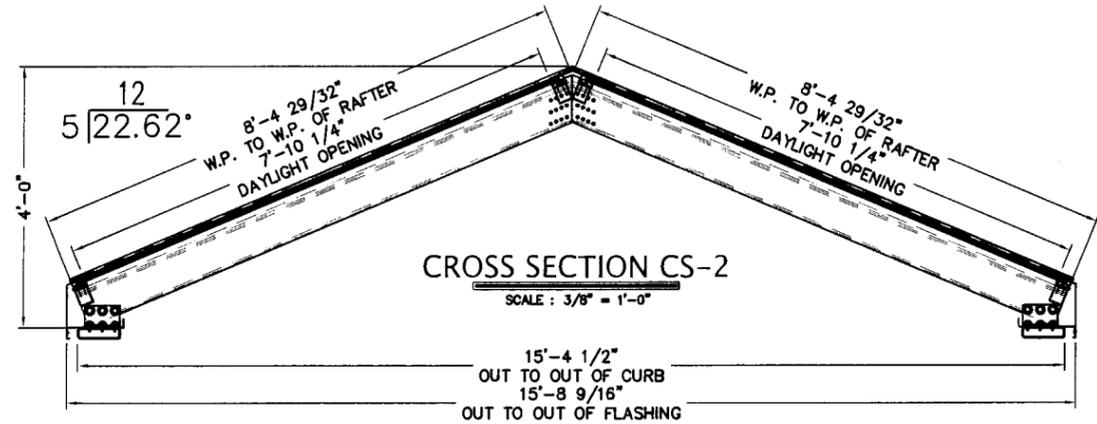
3/8 X 3 X 3 X 4 LONG INTERMEDIATE PURLIN SUPPORT ANGLE ATTACH TO CURB USING 1/2-13 HEX HD TAP BOLT DRILL AND TAP INTO STEEL ATTACH TO PURLIN USING (4) #12 X 1 H.W.H. TEK SCREWS QUANTITY, SIZE AND REQUIREMENT OF SUCH BASED ON SIZE AND GEOMETRY OF SKYLIGHT (NOT PART OF PRODUCT APPROVAL)

NOTES:  
1. SEE SHEET 4 OF 12 FOR GLASS SIZES AND TYPES.



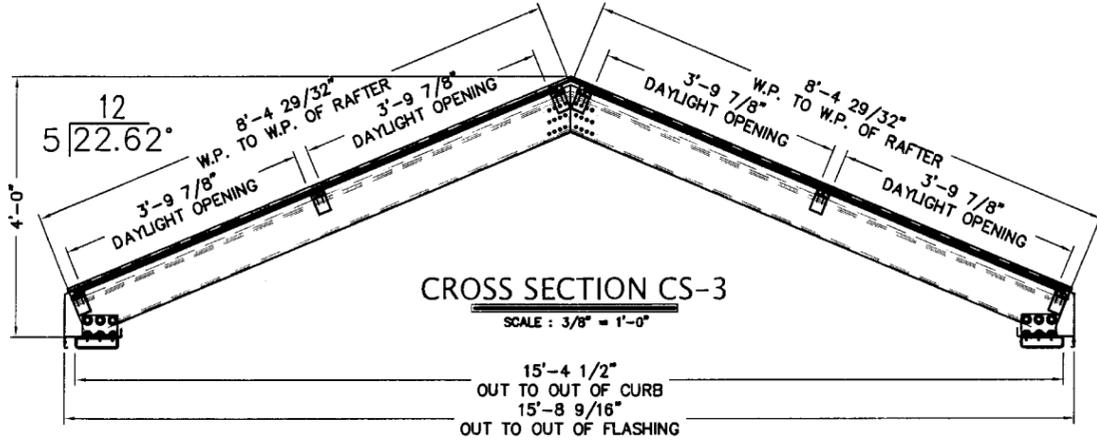
**CROSS SECTION CS-1**

SCALE: 3/8" = 1'-0"



**CROSS SECTION CS-2**

SCALE: 3/8" = 1'-0"



**CROSS SECTION CS-3**

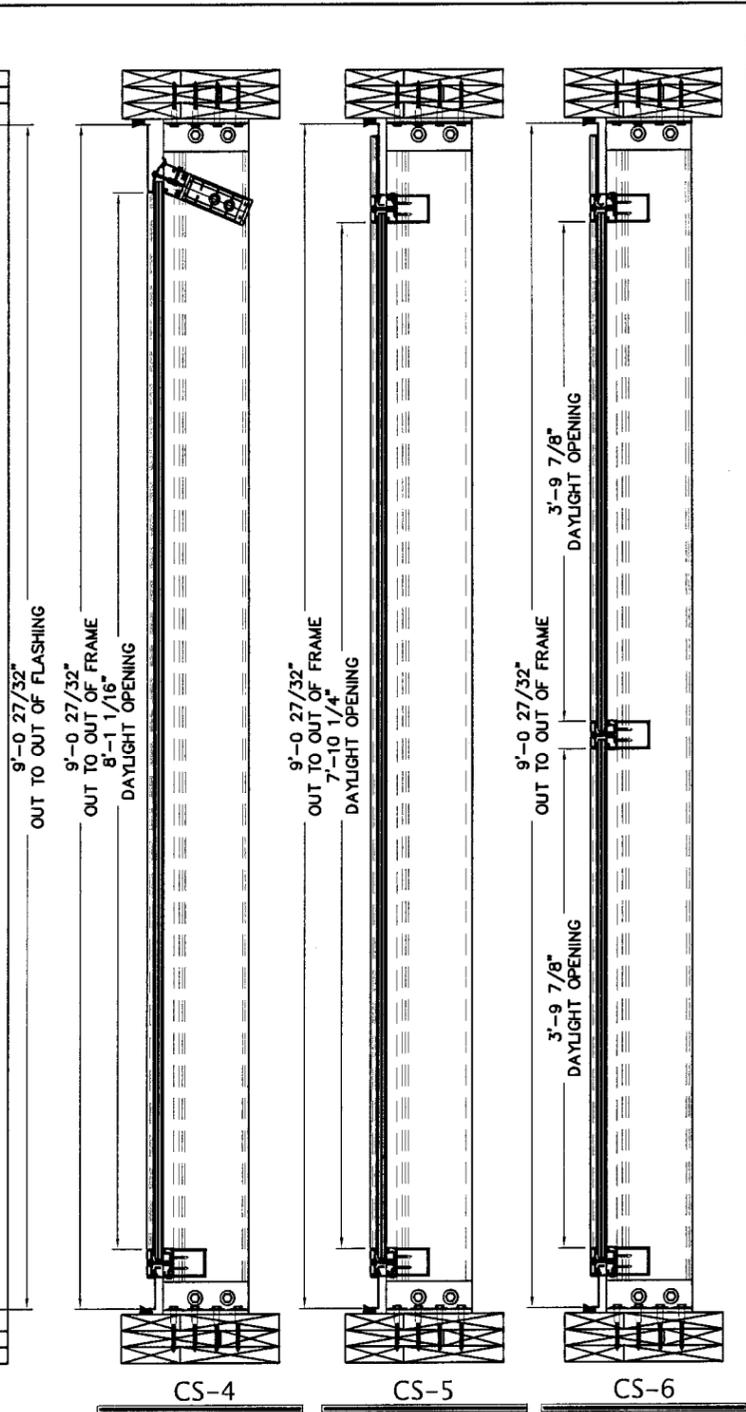
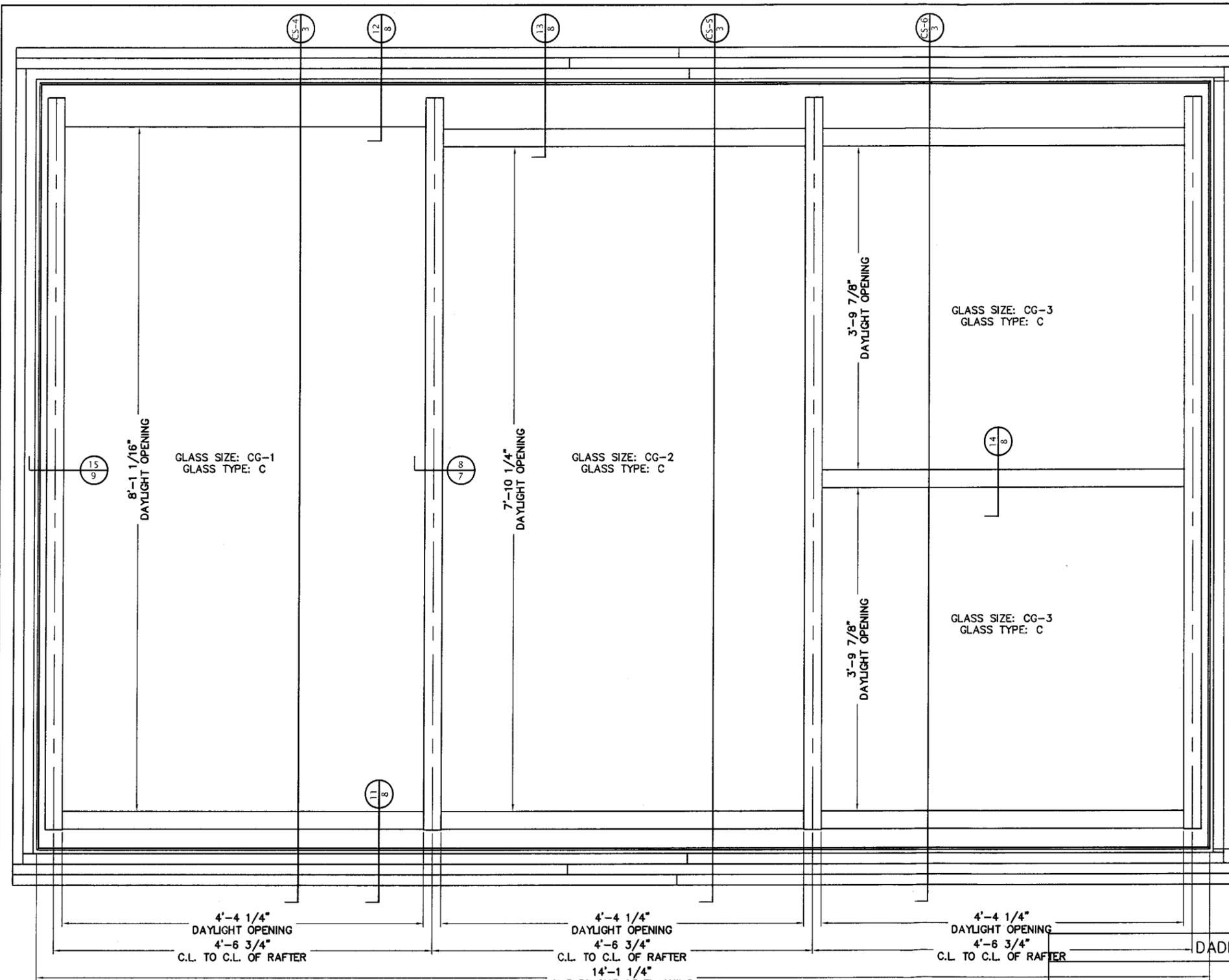
SCALE: 3/8" = 1'-0"

DADE COUNTY USE		ENGINEER STAMP
<p>Approved as complying with the Florida Building Code Date 08/11/2010 NOA# 10-0217.07 Miami Dade Product Control Division By <i>Helmy A. Alkhatib</i></p>		<p><i>Robert M. Kelly</i> 2/4/10</p>
<p>PRODUCT NAME: SECURE SERIES PRODUCT TYPE: LARGE MISSILE DRAWING TITLE: PLANS AND ELEVATIONS</p>		<p>DATE: 2/4/10 SCALE: AS NOTED DRAWING FILE: 2 of 12</p>

**acurilite**  
engineering light  
Acurilite Structural Skylights Inc.  
1017 North Van Buren, PO Box 5  
Berwick, PA 18603  
© 1970-2008 © 1970-2008 sales@acurilite.com

2/4/10

DATE: 2/4/10  
SCALE: AS NOTED  
DRAWING FILE: 2 of 12



**TEST SPECIMEN ELEVATION**  
SCALE: 3/4" = 1'-0"

DADE COUNTY USE

ENGINEER STAMP

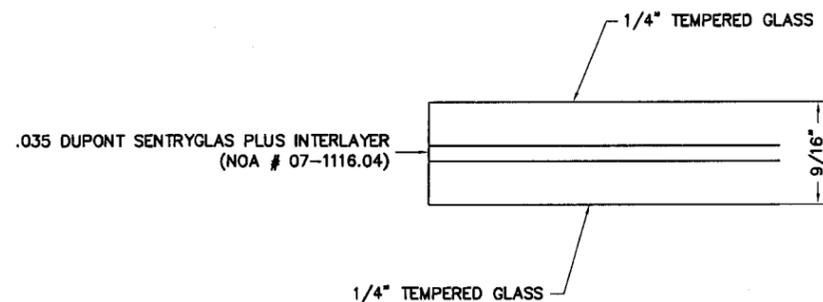
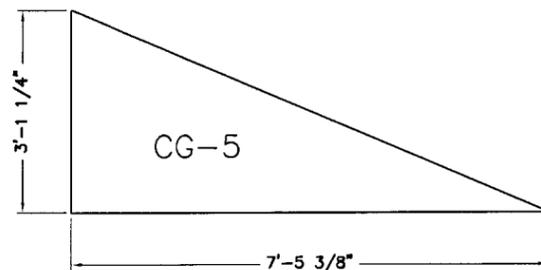
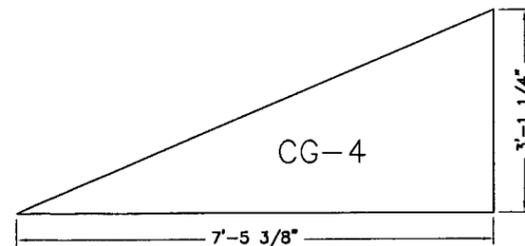
Approved as complying with the  
Florida Building Code  
Date 08/11/2010  
NOA# 10-0217.07  
Miami Dade Product Control  
Division  
By Helmy A. Mohr

*Robert McLoey*  
2/8/10

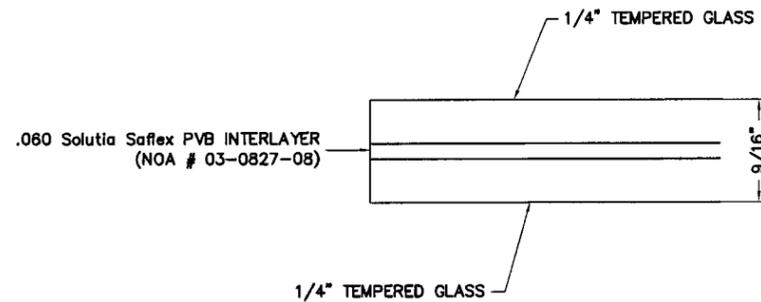
NOTES:  
1. SEE SHEET 4 OF 12 FOR GLASS SIZES AND TYPES.

 acurlite engineering light American Structural Skylights Inc. 107 North Vasa Street, PO Box 5 Berwick, PA 18609 © 570.794.6883 © 570.794.9532 sales@acurlite.com	
© 2/4/10	REV. BY: DATE:
SECURE SERIES	PRODUCT TYPE: LARGE MISSILE
PLANS AND ELEVATIONS	
DOCUMENT NO. LMNOA-001	DRAWN BY: K. MAZZIE
DATE: 2/4/10	CHECKED BY:
SCALE: AS NOTED	
DRAWING FILE:	
SHEET	
3 of 12	

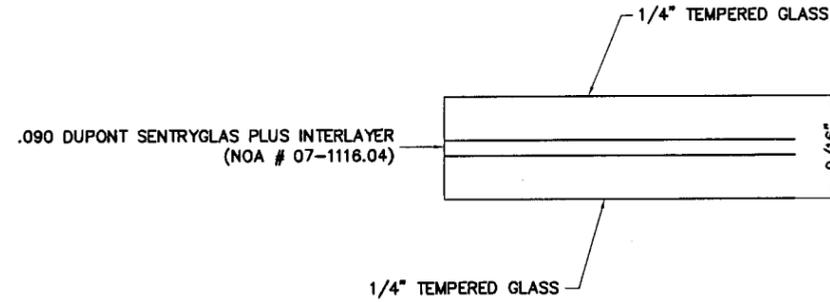
	SIZE
CG-1	54 x 99
CG-2	54 x 96
CG-3	54 x 49 5/8
CG-4	SEE PATTERN
CG-5	SEE PATTERN



GLASS TYPE A



GLASS TYPE B



GLASS TYPE C

NOTES:  
1. SEE SHEET 2 AND 3 OF 12 FOR LOCATIONS OF GLASS SIZES AND TYPES.

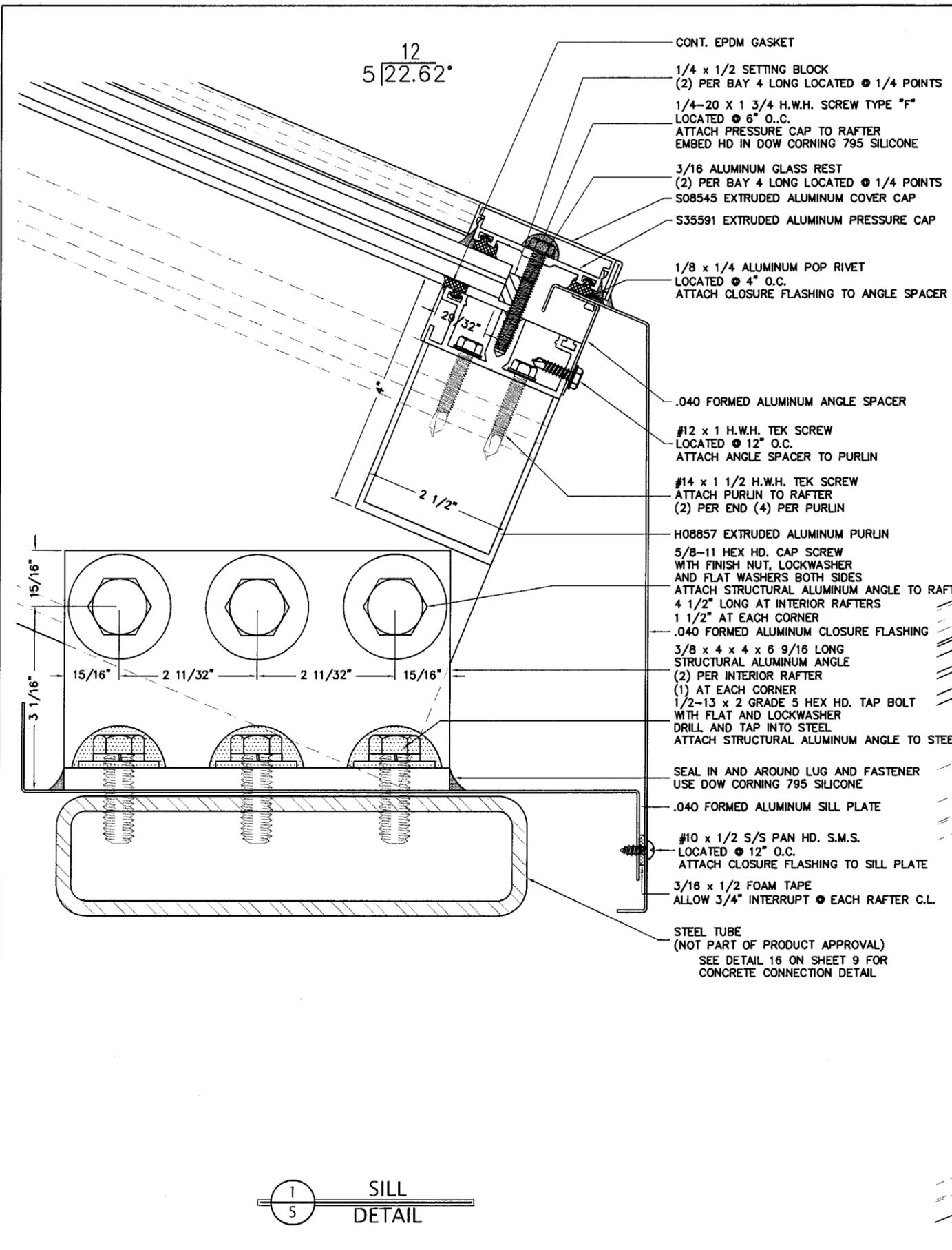
DADE COUNTY USE

Approved as complying with the Florida Building Code  
Date 08/11/2010  
NOA# 10-0217.07  
Miami Dade Product Control  
Division  
By *Helmut A. Mehn*

ENGINEER STAMP

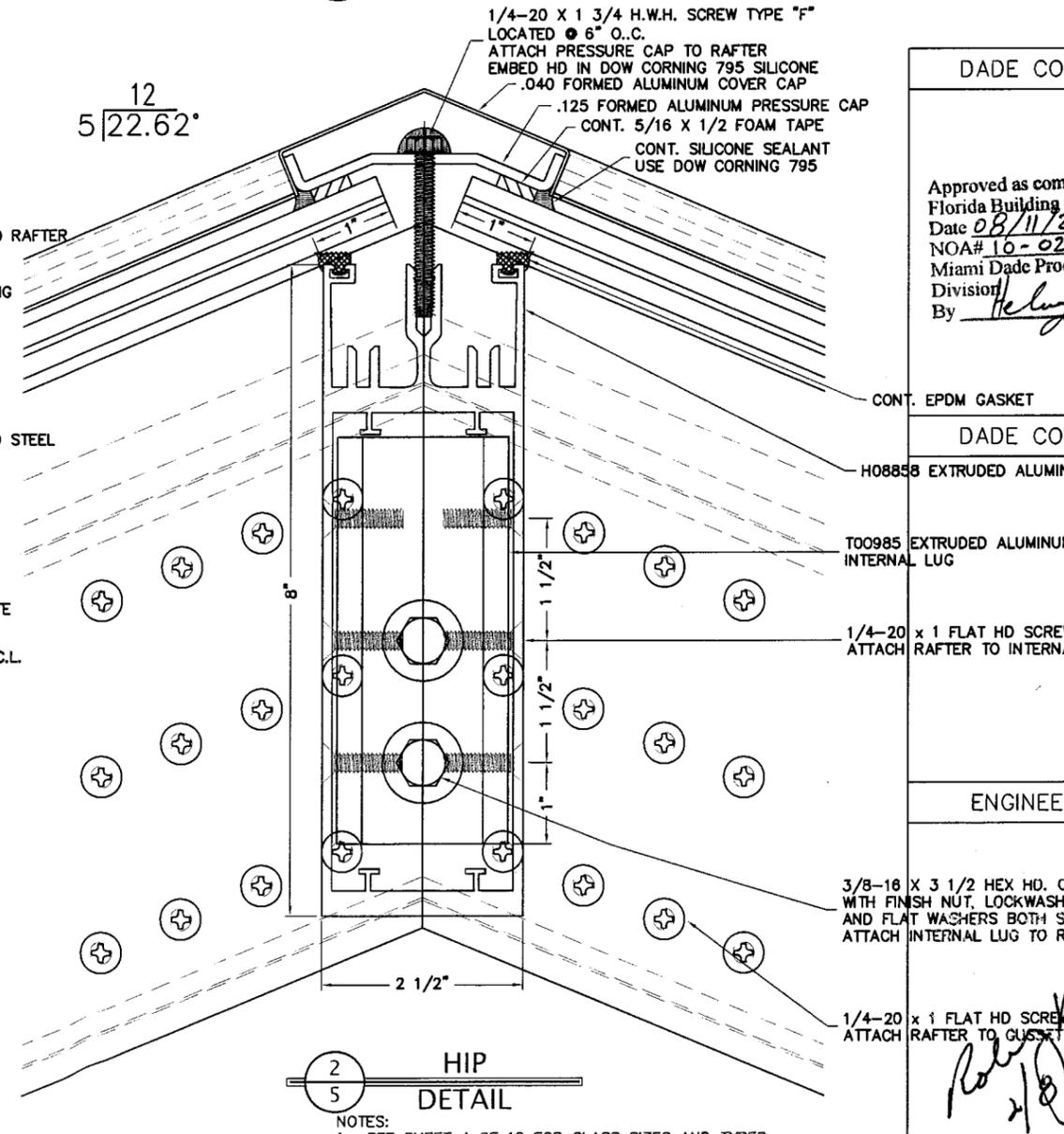
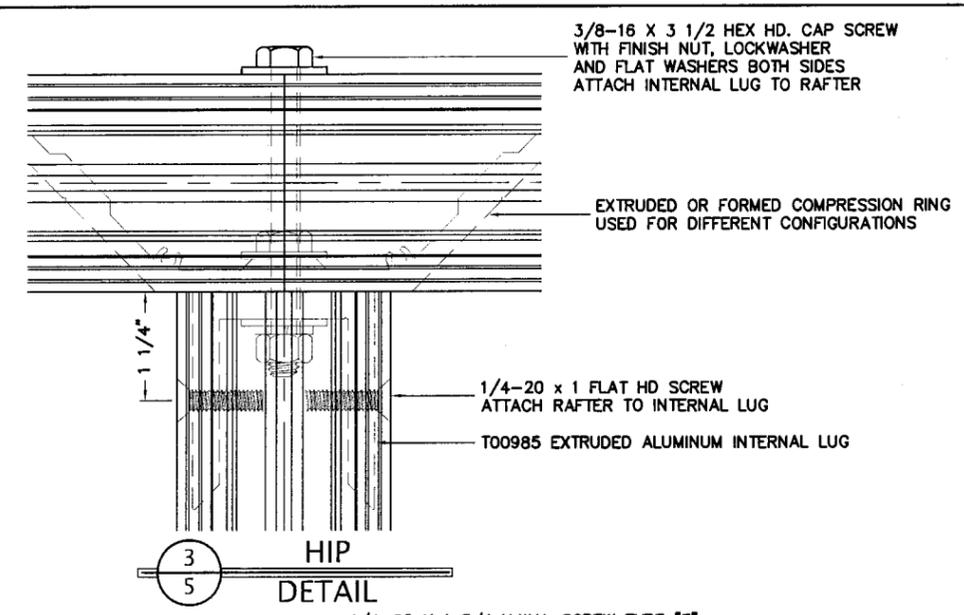
*Robert Mely*  
2/8/10

<p>acurlite engineering light Acurlite Structural Skylights Inc. 107 North Vines Street, PO Box 3 Barrick, PA 16809 © 570.794.6882 © 570.794.9543 sales@acurlite.com</p>	
<p>DATE: 2/4/10</p>	<p>REV.   DT.   DATE</p>
<p>DOCUMENT NAME: SECURE SERIES</p>	<p>PRODUCT TYPE: LARGE MISSILE</p>
<p>DRAWING TITLE: GLAZING</p>	<p>SHEET 4 of 12</p>



1  
5

SILL  
DETAIL



2  
5

HIP  
DETAIL

NOTES:  
1. SEE SHEET 4 OF 12 FOR GLASS SIZES AND TYPES.

DADE COUNTY USE

Approved as complying with the  
Florida Building Code  
Date 08/11/2010  
NOA# 10-0217-07  
Miami Dade Product Control  
Division  
By *Helmut A. Mahr*

DADE COUNTY USE

ENGINEER STAMP

3/8-16 x 3 1/2 HEX HD. CAP SCREW  
WITH FINISH NUT, LOCKWASHER  
AND FLAT WASHERS BOTH SIDES  
ATTACH INTERNAL LUG TO RAFTER

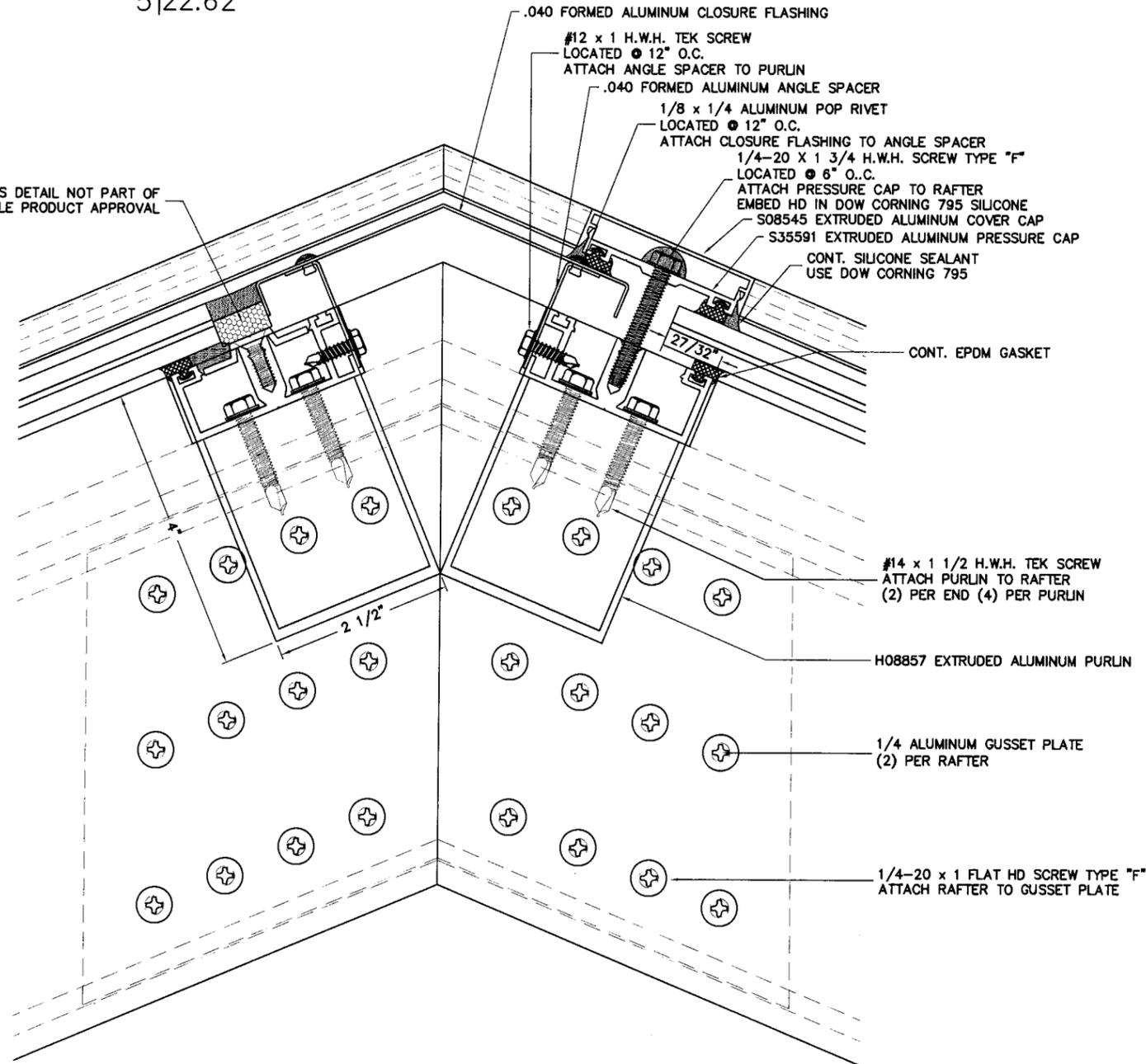
1/4-20 x 1 FLAT HD SCREW TYPE "F"  
ATTACH RAFTER TO GUSSET PLATE

*Robert M...*  
2/18/10

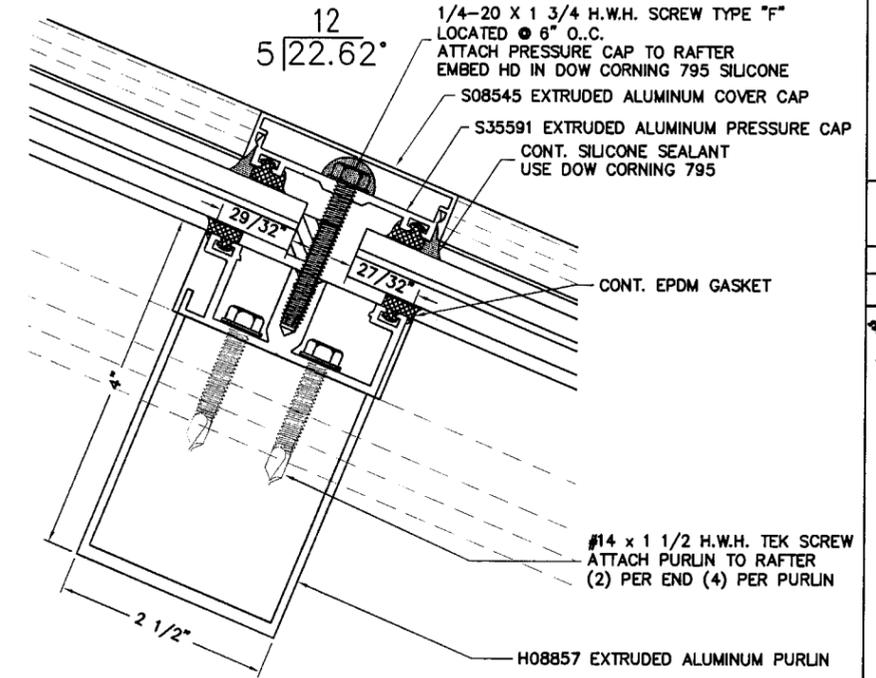
DATE	2/4/10
REV.	BY
DESCRIPTION	
<p>acurilite engineering light Acurilite Structural Skylights Inc. 1017 North Yule Street, PO Box 5 Berwick, PA 18603 © 570.799.4882 © 570.799.9532 sales@acurilite.com</p>	
PRODUCT NAME	SECURE SERIES
DOCUMENT NO.	L1MNOA-001
DRAWN BY	K. MAZZIE
CHECKED BY	
DATE	2/4/10
SCALE	HALF
DRAWING FILE	
SHEET	5 of 12

12  
5 | 22.62'

THIS DETAIL NOT PART OF  
LARGE MISSILE PRODUCT APPROVAL



4  
6 | RIDGE/KNEE  
DETAIL



5  
6 | HORIZONTAL  
DETAIL

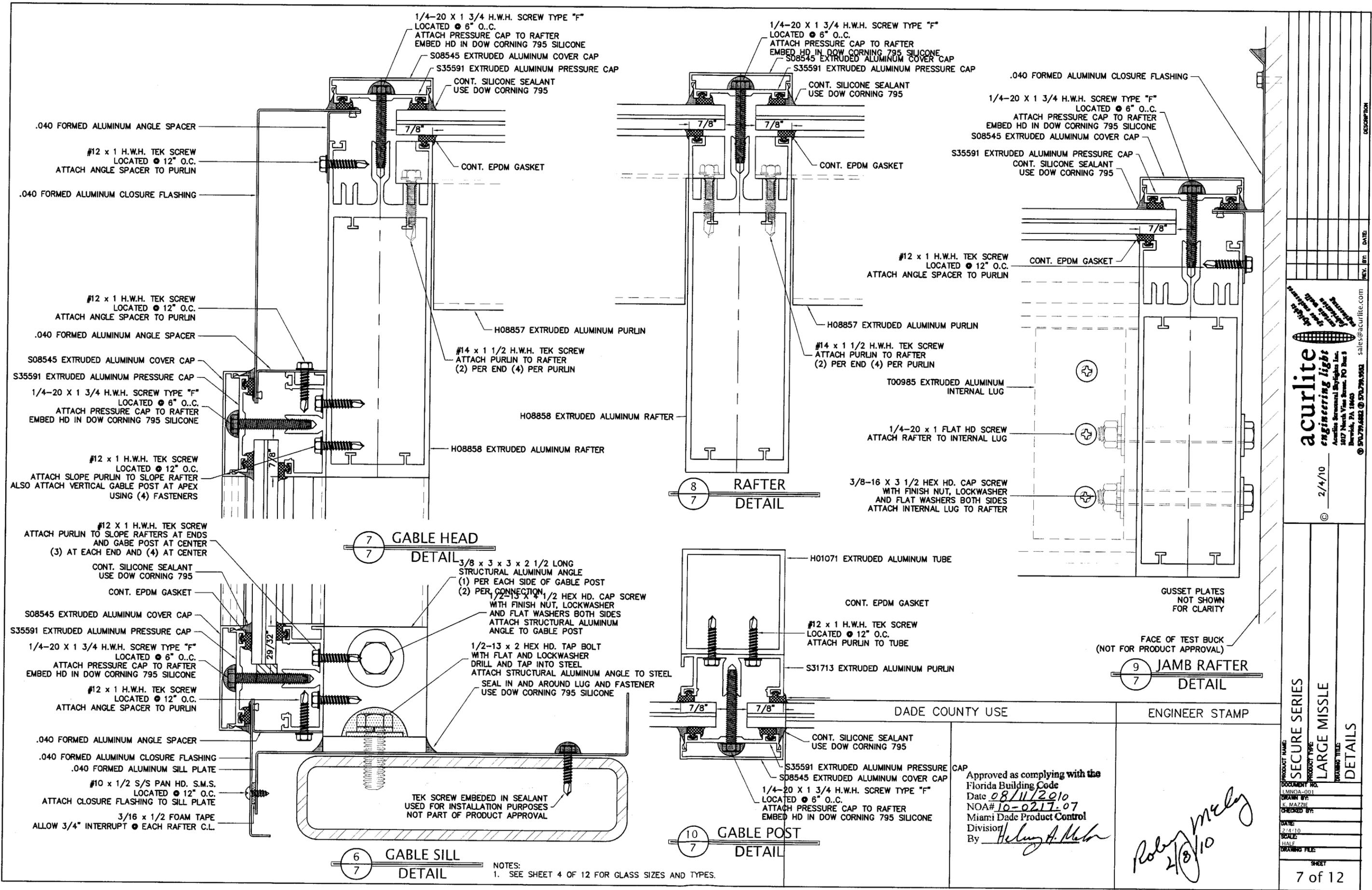
NOTES:  
1. SEE SHEET 4 OF 12 FOR GLASS SIZES AND TYPES.

DADE COUNTY USE		ENGINEER STAMP
<p>Approved as complying with the Florida Building Code Date <u>08/11/2010</u> NOA# <u>10-0217.07</u> Miami Dade Product Control Division By <u>Heather A. Miller</u></p>		<p><i>Robert Mely</i> 2/10/10</p>

acurlite  
 engineering light  
 Acurlite Structural Skylights Inc.  
 1017 North Vine Street, PO Box 8  
 Norwiche, PA 18643  
 © 2010 acurlite.com  
 sales@acurlite.com

PRODUCT NAME: SECURE SERIES  
 PRODUCT TYPE: LARGE MISSILE  
 DRAWING TITLE: GLAZING

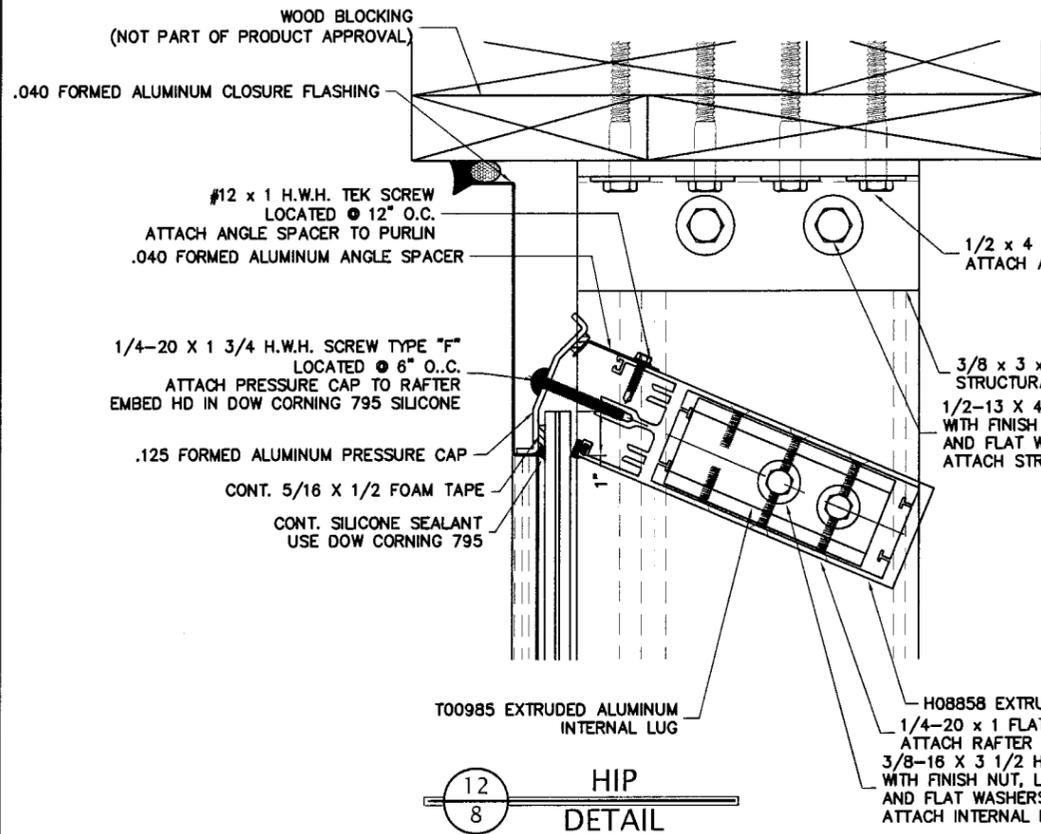
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 CHECKED BY:  
 DATE: 2-4-10  
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 SHEET: 6 of 12



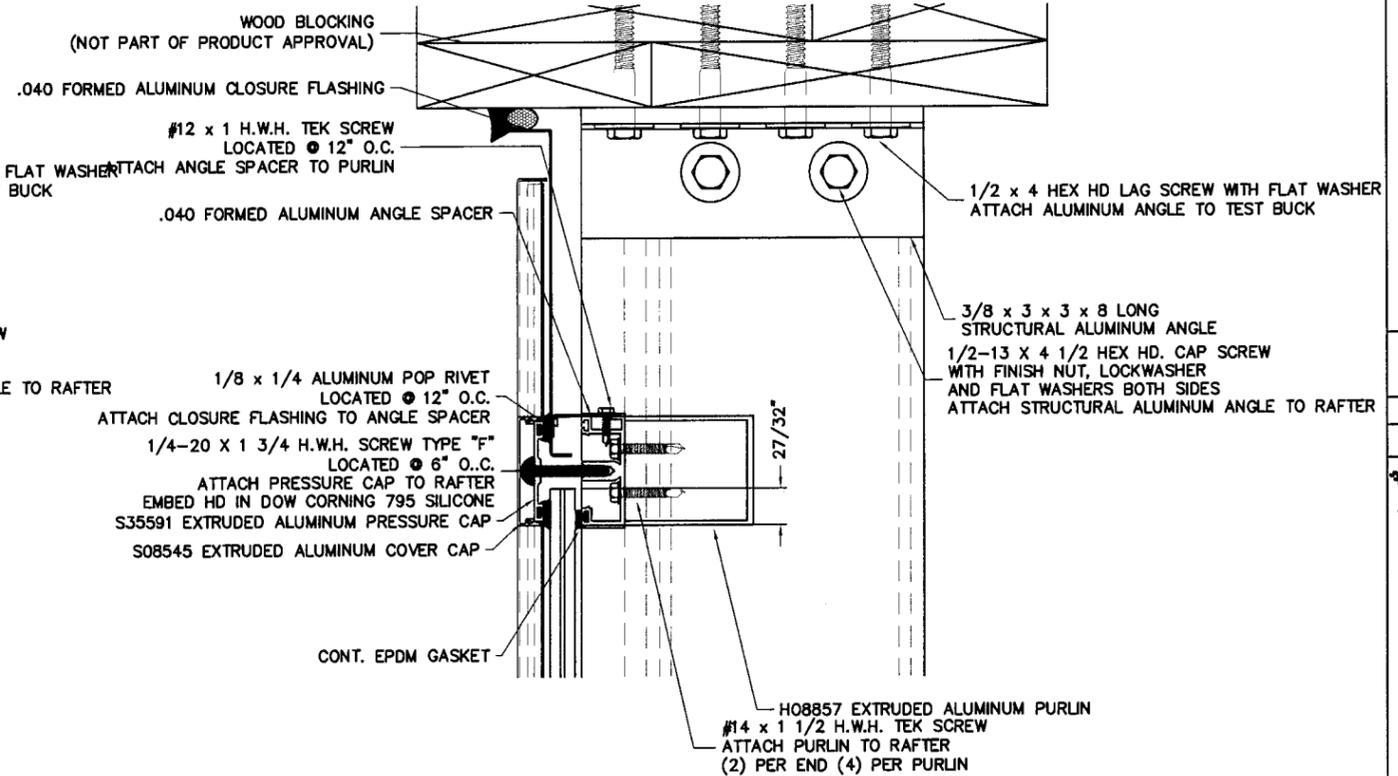
**acurllite**  
 engineering light  
 Acurllite International By-Right Inc.  
 1817 North Vasa Avenue, PO Box 3  
 Barrick, PA 15003  
 © 570.794.6882 @ 570.794.9933 sales@acurllite.com

**SECURE SERIES**  
**LARGE MISSILE**  
**DETAILS**

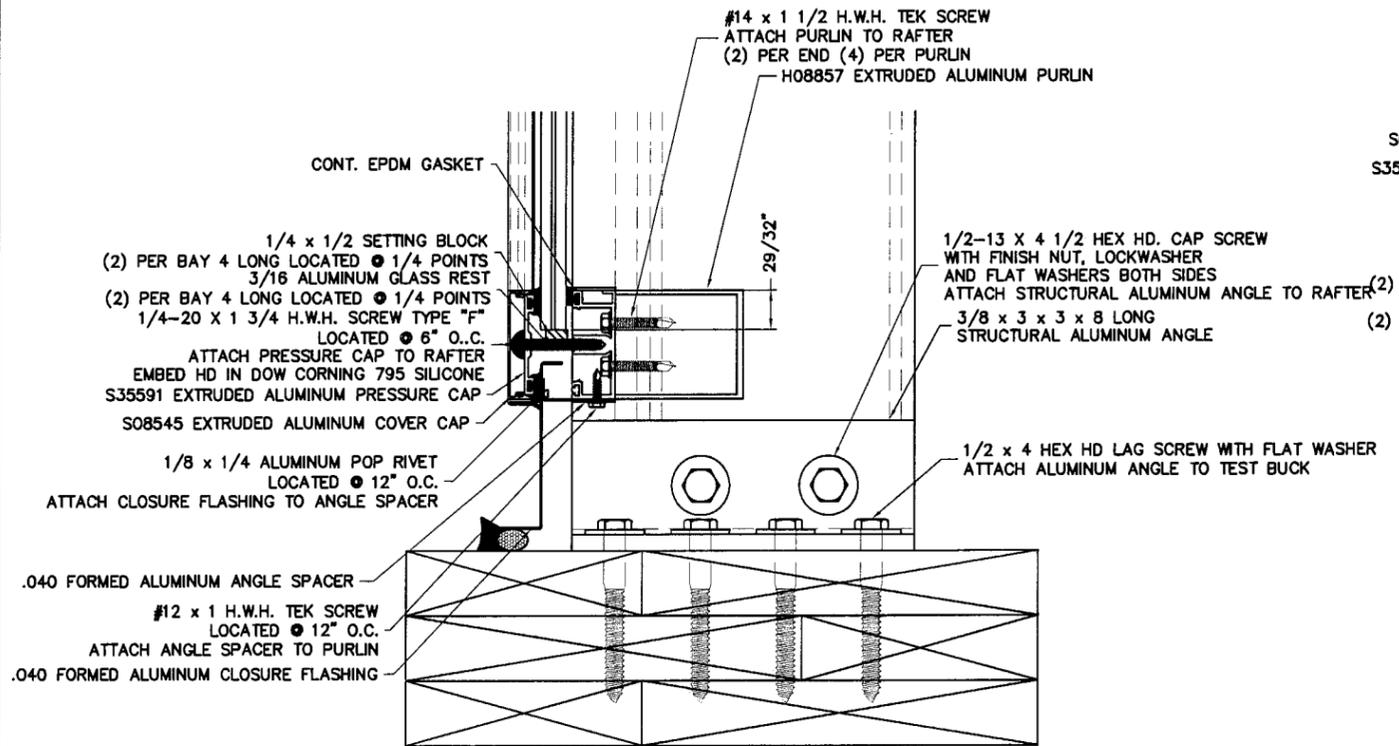
**ENGINEER STAMP**  
 Robert Mahr  
 2/8/10



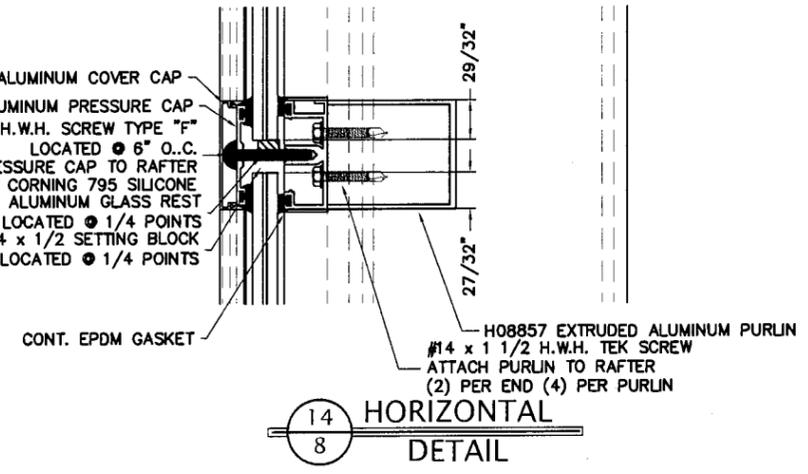
12  
8  
HIP  
DETAIL



13  
8  
RIDGE  
DETAIL



11  
8  
SILL  
DETAIL



14  
8  
HORIZONTAL  
DETAIL

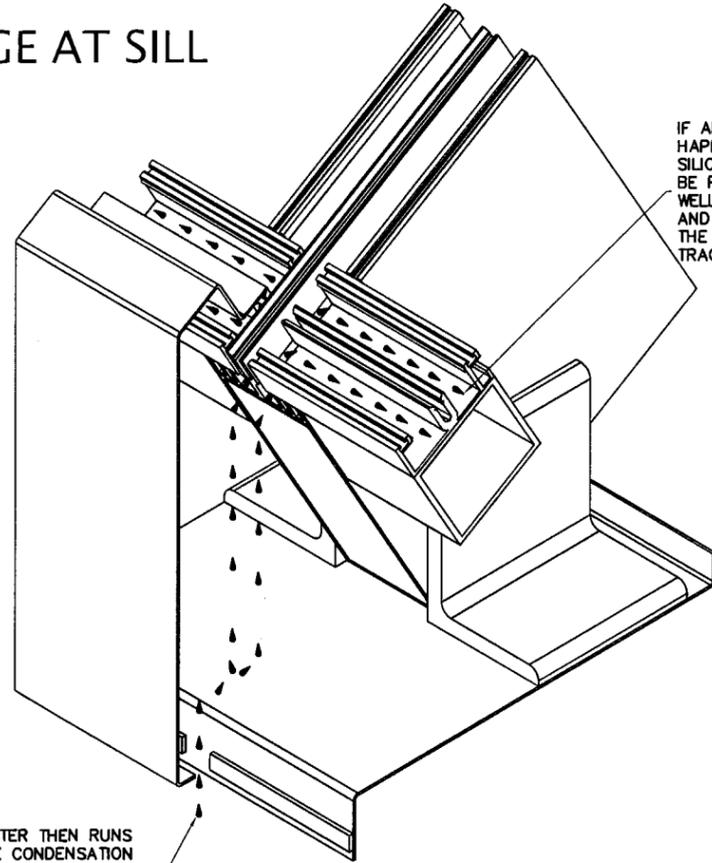
NOTES:  
1. SEE SHEET 4 OF 12 FOR GLASS SIZES AND TYPES.

DADE COUNTY USE		ENGINEER STAMP
Approved as complying with the Florida Building Code Date 08/11/2010 NOA# 10-0217.07 Miami Dade Product Control Division By <i>Helmut A. Mohr</i>		<i>Raymond</i> 2/10/10

acurlite engineering light Acurlite Structural Skylights Inc. 107 North Vasa Street, PO Box 5 Berwick, PA 18609 © 570.794.4882 © 570.794.9832 sales@acurlite.com	2/4/10 ©	PRODUCT NAME <b>SECURE SERIES</b> PRODUCT TYPE <b>LARGE MISSILE</b> DRAWING TITLE <b>DETAILS</b>	DOCUMENT NO. LMNOA-001 DRAWN BY K. MAZZIE CHECKED BY  DATE 2/4/10 SCALE QUATER DRAWING FILE  SHEET 8 of 12
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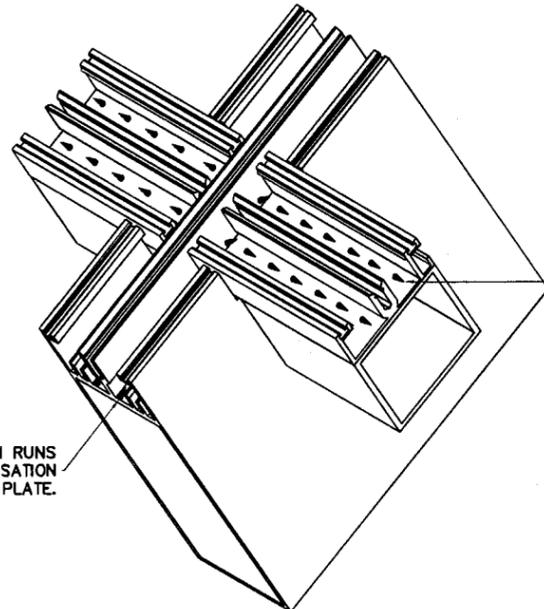
WEEPAGE AT SILL



IF ANY WATER WOULD HAPPEN TO PENETRATE THE SILICONE JOINT IT WOULD BE PICKED UP IN THE WELL OF THE PURLIN AND TRANSFERRED TO THE CONDENSATION TRACK OF THE RAFTER.

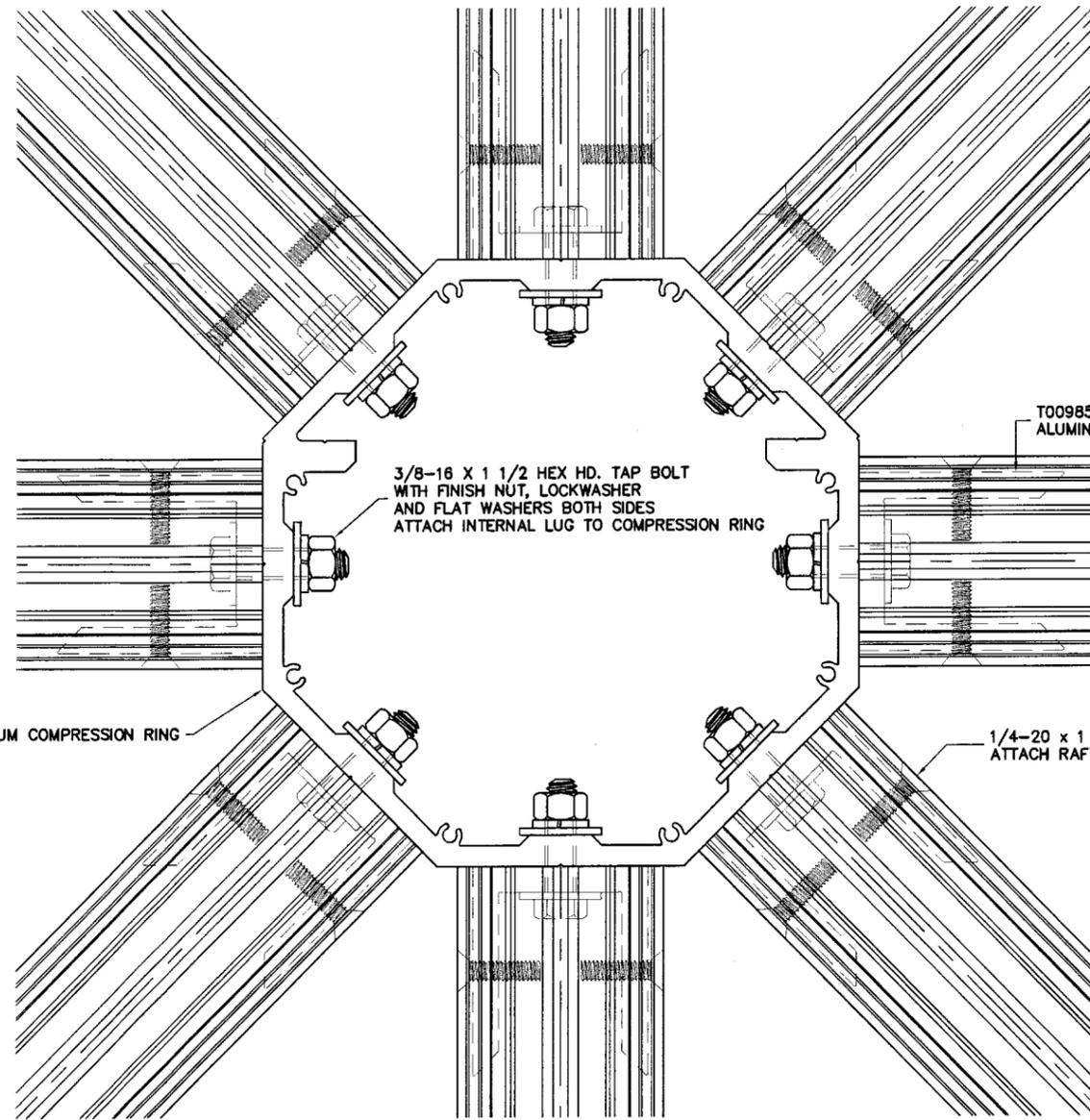
THE WATER THEN RUNS DOWN THE CONDENSATION TRACK ONTO THE SILL PLATE. FROM HERE IT WILL WORK ITS WAY FORWARD TO THE EDGE OF THE SILL PLATE AND DRAIN AT THE 3/4" VOID IN THE SPONGE GASKET. VOID FILLED WITH 30 PPI WEEP BAFFLE.

WEEPAGE AT INTERMEDIATE



IF ANY WATER WOULD HAPPEN TO PENETRATE THE SILICONE JOINT IT WOULD BE PICKED UP IN THE WELL OF THE PURLIN AND TRANSFERRED TO THE CONDENSATION TRACK OF THE RAFTER.

THE WATER THEN RUNS DOWN THE CONDENSATION TRACK TO THE SILL PLATE.



EXTRUDED ALUMINUM COMPRESSION RING

3/8-16 X 1 1/2 HEX HD. TAP BOLT WITH FINISH NUT, LOCKWASHER AND FLAT WASHERS BOTH SIDES ATTACH INTERNAL LUG TO COMPRESSION RING

T00985 EXTRUDED ALUMINUM INTERNAL LUG

1/4-20 X 1 FLAT HD SCREW TYPE "F" ATTACH RAFTER TO INTERNAL LUG

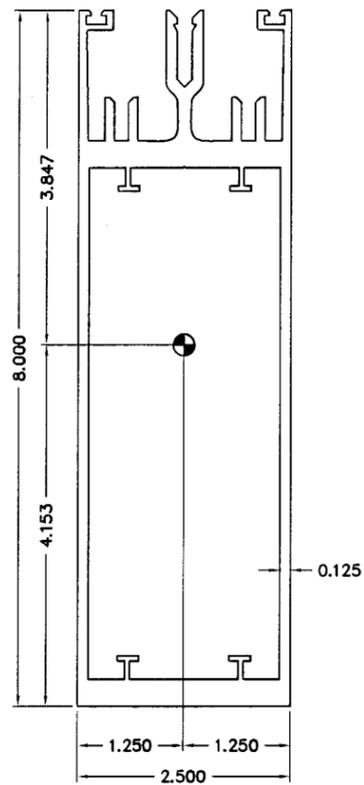
16 COMP. RING  
10 DETAIL

NOTES:  
1. SEE SHEET 4 OF 12 FOR GLASS SIZES AND TYPES.

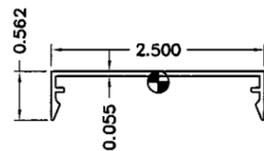
DADE COUNTY USE		ENGINEER STAMP
Approved as complying with the Florida Building Code Date 08/11/2010 NOA# 10-0217.07 Miami Dade Product Control Division By <i>Robert M. ...</i>		<i>Robert M. ...</i> 2/8/10
PRODUCT NAME: SECURE SERIES PRODUCT TYPE: LARGE MISSILE DRAWING TITLE: DETAILS		
DOCUMENT NO: LMNQA-001 DRAWN BY: K. MAZZIE CHECKED BY: DATE: 2/4/10 SCALE: HALF DRAWING FILE: SHEET: 10 of 12		

acurllite  
 engineering lights  
 Acurllite Structural Skylights Inc.  
 197 North Vasa Street, PO Box 3  
 Bensalem, PA 19009  
 © 570.794.6882 © 570.794.9532 sales@acurllite.com

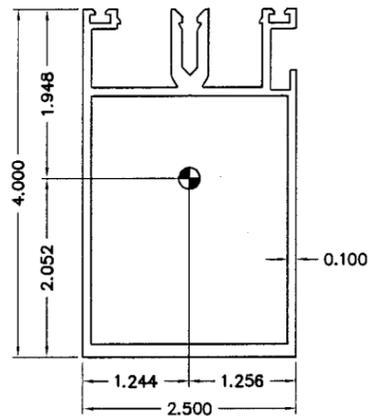
REV.	BY:	DATE:	DESCRIPTION:



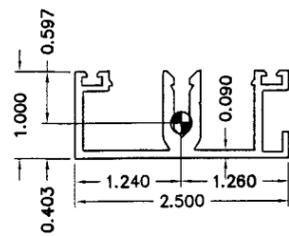
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 Perimeter: 54.9115  
 Bounding box: X: -1.2500 -- 1.2500  
 Y: -4.1528 -- 3.8472  
 Moments of inertia: X: 31.3863  
 Y: 3.5664  
 Product of inertia: XY: 0.0000  
 Radii of gyration: X: 2.7743  
 Y: 0.9352  
 Principal moments and X-Y directions about centroid:  
 I: 3.5664 along [0.0000 1.0000]  
 J: 31.3863 along [-1.0000 0.0000]  
 Weight per lineal foot: 4.77 lbs.  
 Aluminum Alloy: 6063-T6



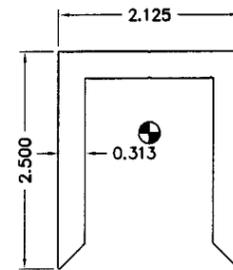
Area: 0.2110  
 Perimeter: 7.5289  
 Bounding box: X: -1.2500 -- 1.2500  
 Y: -0.4392 -- 0.1228  
 Moments of inertia: X: 0.0049  
 Y: 0.1783  
 Product of inertia: XY: 0.0000  
 Radii of gyration: X: 0.1527  
 Y: 0.9191  
 Principal moments and X-Y directions about centroid:  
 I: 0.0049 along [1.0000 0.0000]  
 J: 0.1783 along [0.0000 1.0000]  
 Weight per lineal foot: 0.25 lbs.  
 Aluminum Alloy: 6063-T6



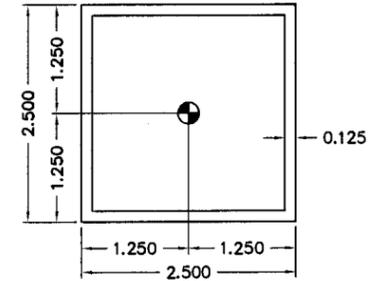
Area: 1.6983  
 Perimeter: 31.2602  
 Bounding box: X: -1.2438 -- 1.2562  
 Y: -2.0520 -- 1.9480  
 Moments of inertia: X: 3.4266  
 Y: 1.4491  
 Product of inertia: XY: -0.0162  
 Radii of gyration: X: 1.4204  
 Y: 0.9237  
 Principal moments and X-Y directions about centroid:  
 I: 1.4489 along [0.0082 -1.0000]  
 J: 3.4267 along [1.0000 0.0082]  
 Weight per lineal foot: 1.99 lbs.  
 Aluminum Alloy: 6063-T6



Area: 0.7307  
 Perimeter: 15.0209  
 Bounding box: X: -1.2403 -- 1.2597  
 Y: -0.4032 -- 0.5968  
 Moments of inertia: X: 0.0800  
 Y: 0.4177  
 Product of inertia: XY: -0.0027  
 Radii of gyration: X: 0.3309  
 Y: 0.7561  
 Principal moments and X-Y directions about centroid:  
 I: 0.0800 along [1.0000 -0.0080]  
 J: 0.4178 along [0.0080 1.0000]  
 Weight per lineal foot: 0.86 lbs.  
 Aluminum Alloy: 6063-T6



Area: 1.9456  
 Perimeter: 13.3068  
 Bounding box: X: -1.0624 -- 1.0626  
 Y: -1.5635 -- 0.9365  
 Moments of inertia: X: 1.0731  
 Y: 1.3224  
 Product of inertia: XY: -0.0001  
 Radii of gyration: X: 0.7427  
 Y: 0.8244  
 Principal moments and X-Y directions about centroid:  
 I: 1.0731 along [1.0000 -0.0004]  
 J: 1.3224 along [0.0004 1.0000]  
 Weight per lineal foot: 2.335 lbs.  
 Aluminum Alloy: 6063-T6



Area: 1.1875  
 Perimeter: 19.0000  
 Bounding box: X: -1.2500 -- 1.2500  
 Y: -1.2500 -- 1.2500  
 Moments of inertia: X: 1.1195  
 Y: 1.1195  
 Product of inertia: XY: 0.0000  
 Radii of gyration: X: 0.9709  
 Y: 0.9709  
 Principal moments and X-Y directions about centroid:  
 I: 1.1195 along [0.7071 -0.7071]  
 J: 1.1195 along [0.7071 0.7071]  
 Weight per lineal foot: 1.39 lbs.  
 Aluminum Alloy: 6063-T6



DADE COUNTY USE

ENGINEER STAMP

Approved as complying with the  
 Florida Building Code  
 Date: 08/11/2010  
 NOA# 10-0217.07  
 Miami Dade Product Control  
 Division  
 By: *Heung A. Melon*

*Robert M. [Signature]*  
 8/11/10

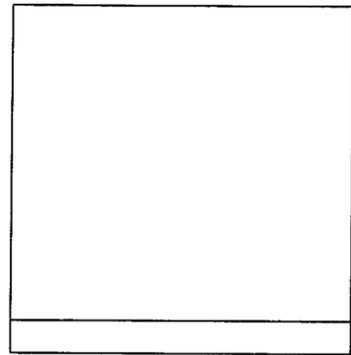
NOTES:  
 1. SEE SHEET 4 OF 12 FOR GLASS SIZES AND TYPES.

acurlite  
 engineering light  
 Acurlite Structural Skylights Inc.  
 107 North Yuma Street, PO Box 5  
 Berwick, PA 18603  
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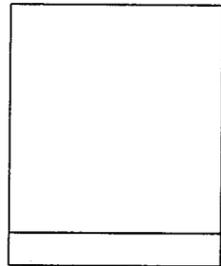
2/14/10

SECURE SERIES  
 LARGE MISSILE  
 BILL OF MATERIALS

DOCUMENT NO: LMNOA-001  
 DRAWN BY: K. MAZZIE  
 CHECKED BY:  
 DATE: 2/14/10  
 SCALE: AS NOTED  
 DRAWING FILE:  
 SHEET: 11 of 12



Description: Structural Aluminum Angle  
Size: 3/8 x 4 x 4  
Material: Aluminum (Alloy 6061-T6)



Description: Structural Aluminum Angle  
Size: 3/8 x 3 x 3  
Material: Aluminum (Alloy 6061-T6)



Description: Pop Rivet  
Size: 1/8 x 1/4  
Material: Aluminum



Description: Pan Head Sheet Metal Screw (Pan Hd. S.M.S.)  
Size: #10 x 1/2  
Material: Stainless Steel



Description: Hex Washer Head Tek Screw (H.W.H. Tek Screw)  
Size: #12 x 1  
Material: SAE Grade 2 Steel



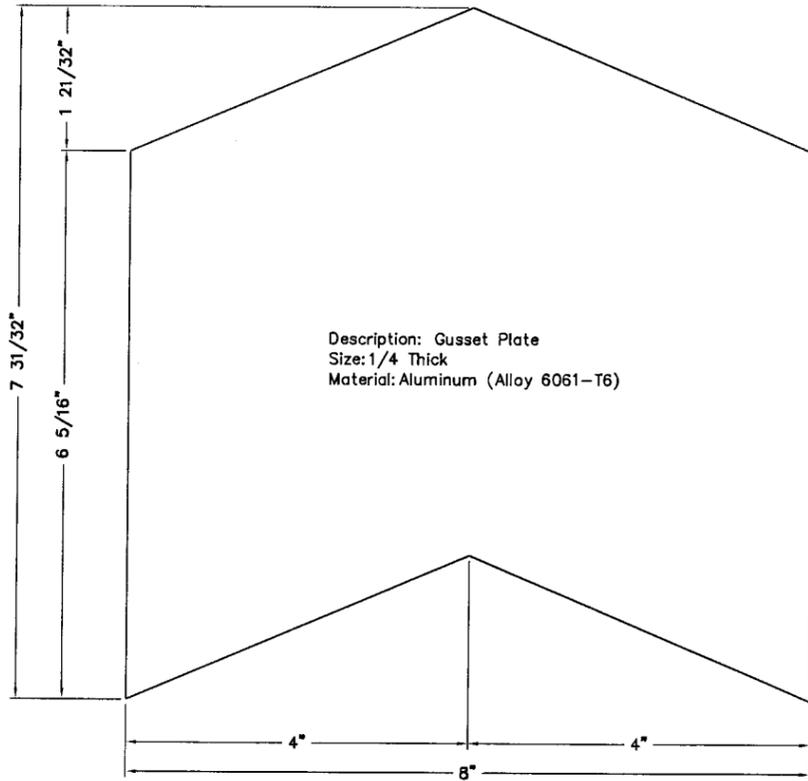
Description: Flat Head Screw Type "F" (F.H.S. Type "F")  
Size: 1/4-20 x Varies  
Material: SAE Grade 2 Steel



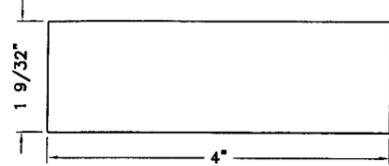
Description: Hex Washer Head Tek Screw (H.W.H. Tek Screw)  
Size: #14 x 1 1/2  
Material: SAE Grade 2 Steel



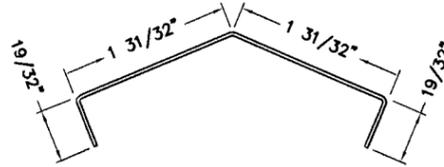
Description: Hex Washer Head Screw Type "F" (H.W.H. Screw Type "F")  
Size: 1/4-20 x 1 3/4  
Material: SAE Grade 2 Steel



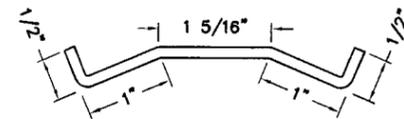
Description: Gusset Plate  
Size: 1/4 Thick  
Material: Aluminum (Alloy 6061-T6)



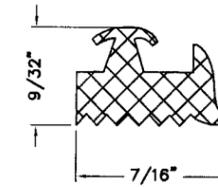
Description: Glass Rest  
Size: 3/16 Thick  
Material: Aluminum (Alloy 6061-T6)



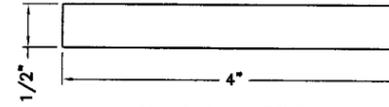
Description: Formed Cover Cap  
Size: .040 Thick  
Material: Aluminum (Alloy 3003)



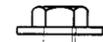
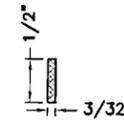
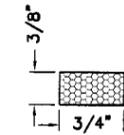
Description: Formed Pressure Cap  
Size: .125 Thick  
Material: Aluminum (Alloy 3003)



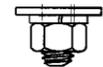
Manufacturer: Elbex  
Description: Gasket  
Material: EPDM Rubber



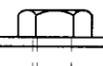
Manufacturer: Biltrite  
Description: Setting Block  
Material: Neoprene



Description: Hex Head Cap Screw with Finish Nut, Flat Washers and Lockwasher  
Size: 3/8-16 x 4 1/2  
Material: ASTM Grade 2 Steel



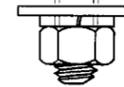
Description: Hex Head Tap Bolt with Flat Washer and Lockwasher  
Size: 1/2-13 x 2  
Material: ASTM A449 Grade 5



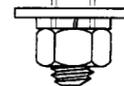
Description: Hex Head Tap Bolt with Finish Nut, Flat Washers and Lockwasher  
Size: 1/2-13 x 1 1/2  
Material: ASTM Grade 2 Steel



Description: Hex Head Cap Screw with Finish Nut, Flat Washers and Lockwasher  
Size: 1/2-13 x 4 1/2  
Material: SAE Grade 2 Steel



Description: Hex Head Cap Screw with Finish Nut, Flat Washers and Lockwasher  
Size: 5/8-11 x 4 1/2  
Material: ASTM A307 Steel



NOTES:  
1. SEE SHEET 4 OF 12 FOR GLASS SIZES AND TYPES.

DADE COUNTY USE		ENGINEER STAMP
Approved as complying with the Florida Building Code Date <u>08/11/2010</u> NOA# <u>10-0217-07</u> Miami Dade Product Control Division By <u>[Signature]</u>		<u>[Signature]</u> <u>2/8/10</u>
PRODUCT NAME: SECURE SERIES PRODUCT TYPE: LARGE MISSILE DRAWING TITLE: BILL OF MATERIALS		SHEET 12 of 12

**acurllite**  
 engineering light  
 Acurllite Structural Brightness Inc.  
 1017 North Vero Street, PO Box 3  
 Warwick, PA 18409  
 © 570.779.4883 © 570.779.9432  
 sales@acurllite.com

2/4/10

REV. BY: DATE: DESCRIPTION: