



MIAMI-DADE COUNTY
BUILDING AND NEIGHBORHOOD COMPLIANCE DEPARTMENT (BNC)
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

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/building/home/asp

Wasco Products, Inc.
22 Pioneer Avenue (P.O. Box 351)
Sanford, ME 04073

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 Section 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 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. BORA 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: Model GSHR Aluminum and PVC Skylight

APPROVAL DOCUMENT: Drawing No. **HR2004**, titled "Hurricane Resistant Wasco Skywindow Skylights Model GSHR", sheets 1 through 6 of 6, dated 07/19/04, with last Revision E dated 10/06/05, prepared by Wasco Products, Inc., signed and sealed by Leon B. Murray, 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 Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and 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 # 04-0728.03** and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



[Signature]
 12/23/10

NOA No. 10-1006.12
Expiration Date: October 20, 2015
Approval Date: January 20, 2011
 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **HR2004**, titled "Hurricane Resistant Wasco Skywindow Skylights Model GSHR", sheets 1 through 6 of 6, dated 07/19/04, with last Revision E dated 10/06/05, prepared by Wasco Products, Inc., signed and sealed by Leon B. Murray, P.E.

B. TESTS "Submitted under NOA # 04-0728.03"

1. Test report on Large Missile Impact Test, per TAS 202, Cyclic Wind Pressure Test per TAS 203 and Uniform Static Air Pressure Test per TAS 201 on "Series/ Model: GSHR", prepared by Architectural Testing, Report No. **48655.04-122-18**, dated 07/20/04, signed and sealed by S. M. Urich, P.E.
2. Test report on Large Missile Impact Test, per TAS 202, Cyclic Wind Pressure Test per TAS 203 and Uniform Static Air Pressure Test per TAS 201 on "Series/ Model: EFHR", prepared by Architectural Testing, Report No. **48653.04-122-18**, dated 07/20/04, signed and sealed by S. M. Urich, P.E.

C. CALCULATIONS "Submitted under NOA # 04-0728.03"

1. Anchor calculations, on page 1 of 6 of drawing HR-2004, dated 07/19/04 with last Revision C dated 07/14/05, prepared by Wasco Products, Inc, signed and sealed by Leon B. Murray, P.E.

D. QUALITY ASSURANCE

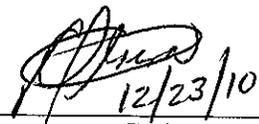
1. Miami-Dade Building and Neighborhood Compliance Department (BNC)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of code conformance with (FBC 2007) and no financial interest, dated 12/15/10, issued, signed and sealed by Leon Murray, P.E.



12/23/10

Carlos M. Utrera, P.E.

Product Control Examiner

NOA No. 10-1006.12

Expiration Date: October 20, 2015

Approval Date: January 20, 2011

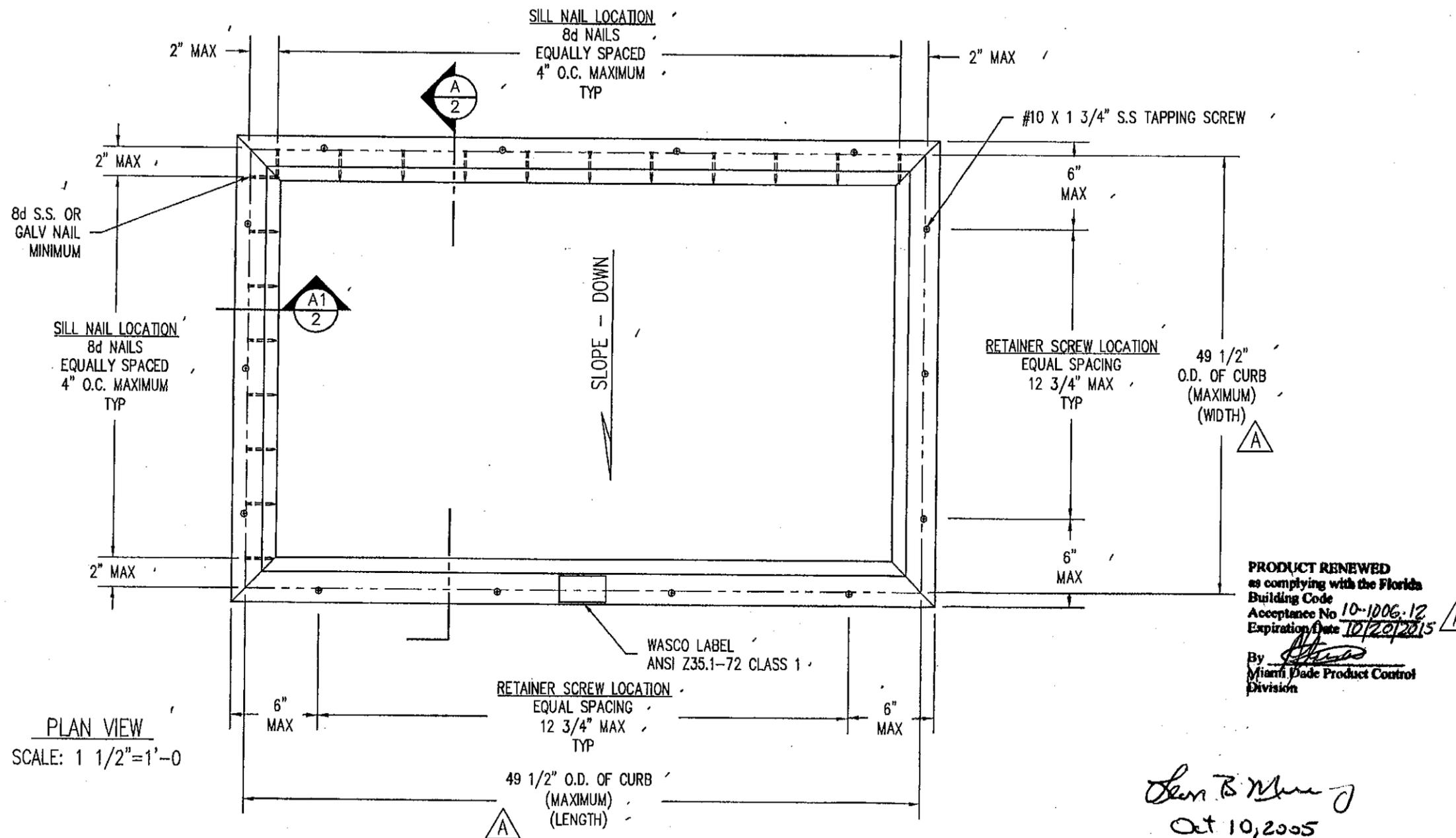
GSHR HURRICANE RESISTANT
WASCO SKYWINDOW® SKYLIGHT

MODEL / STANDARD SIZES	O.D. OF CURB LENGTH	O.D. OF CURB WIDTH	NAILS REQUIRED	DESIGN AREA (SQ. FT.)	WIND LOAD-PSF	TOTAL LOAD-LBS.	LATERAL LOAD PER NAIL - LBS
2222	25 1/2	25 1/2	28	4.5	50	225.78	8.06
4622	49 1/2	25 1/2	40	8.75	50	438.28	10.96
4630	49 1/2	33 1/2	44	11.5	50	575.78	13.09
4646	49 1/2	49 1/2	52	17	50	850.78	16.36
2246	25 1/2	49 1/2	40	8.75	50	438.28	10.96
3046	33 1/2	49 1/2	44	11.5	50	575.78	13.09

American Forest & Paper Association (AF&PA) National Design Specification (per FBC Chapter 35 Section 3502). From Table C12.3-1 allowable lateral load for 8d nails is 85 lb/nail.
Maximum uplift for largest size is = $50 \text{ psf} \times 50 \frac{5}{8} \times 50 \frac{5}{8} = 890 \text{ lbs}$
 $144 \text{ sq in} / \text{sq ft}$
 $890 \text{ lbs} = 17.11 \text{ lb/nail} \ll 85 \text{ lb/nail allowable.}$
52 nails

DESIGN PRESSURES	
LARGE MISSILE IMPACT	WIND
	+50 P.S.F. -50 P.S.F.

- NOTE:
- 1) ALL ROOFING DETAILS SHALL COMPLY WITH CHAPTER 15 OF FLORIDA STATE BUILDING CODE
 - 2) 4" MIN DISTANCE FROM LOWER LIP OF RETAINER TO SURFACE OF ROOF IS SHOWN FOR SHINGLE ROOF OR BUILT UP ROOF WITHOUT INSULATION. IF INSULATION AND/OR TILES ARE REQUIRED, THE THICKNESS OF EACH COMPONENT MUST BE ADDED TO MAINTAIN THE 4" DISTANCE
 - 3) FASTENERS SUPPLIED BY INSTALLER MUST BE CAPABLE OF WITHSTANDING ALL LOADS IMPOSED ON THEM AND BE COMPATIBLE WITH ALUMINUM AND ALL ROOFING MATERIALS.



Approved as complying with the Florida Building Code
Date: 04-07-03
NOA# 04-0725-03
Miami Dade Product Control Division
By: [Signature]

PRODUCT RENEWED as complying with the Florida Building Code
Acceptance No 10-1006-12
Expiration Date 10/20/2015
By: [Signature]
Miami Dade Product Control Division

Leon B. Murray
Oct 10, 2005

E	NOA EXTRUSION	10/06/05	LPP	SSP
D	GENERAL	08/11/05	LPP	SSP
C	GENERAL	07/14/05	LPP	SSP
B	NO CHANGE THIS SHT.	03/11/05	SSP	DS
A	ORIGINAL ISSUE	02/04/05	SSP	DS

REV: 0 DRAFTER: SCRIBNER CHECKER: ABBOTT DATE: 07/19/04

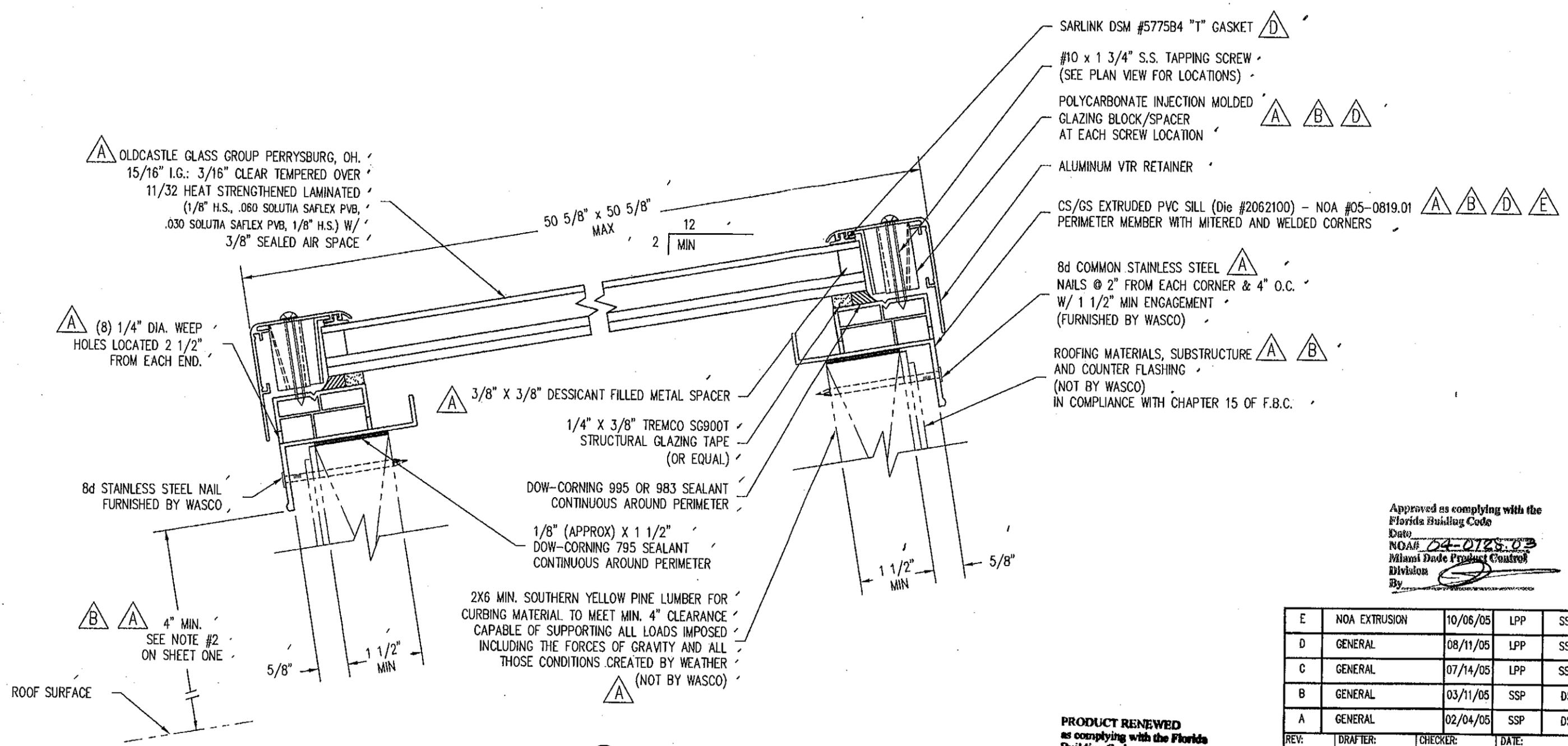
DESCRIPTION: ALUMINUM GLAD PVC CURB MOUNTED FIXED SKYLIGHT

WASCO PRODUCTS, INC.
22 PIONEER AVE. PO BOX 351 SANFORD, MAINE 04073
(207) 324-8080 FAX: (207) 490-4405

PRODUCT NAME: HURRICANE RESISTANT WASCO SKYWINDOW® SKYLIGHTS MODELS GSHR

DOCUMENT: HR-2004 PAGE 1 OF 6

ENGINEER: LEON B. MURRAY
DISCIPLINE: STRUCTURAL
REGISTRATION # 57110



A CROSS SECTION
 2 SCALE: 6"=1'-0"

A A1 CROSS SECTION (SIMILAR - ANGLE CHANGED)
 2 SCALE: 6"=1'-0"

Approved as complying with the Florida Building Code
 Date: 04-07-03
 NOA# 04-0728-03
 Miami Dade Product Control
 Division By: *[Signature]*

PRODUCT RENEWED
 as complying with the Florida Building Code
 Acceptance No 10-1006.12
 Expiration Date 10/20/2015
 By: *[Signature]*
 Miami Dade Product Control Division

Leon B Murray - J
 Oct. 10, 2005

E	NOA EXTRUSION	10/06/05	LPP	SSP
D	GENERAL	08/11/05	LPP	SSP
C	GENERAL	07/14/05	LPP	SSP
B	GENERAL	03/11/05	SSP	DS
A	GENERAL	02/04/05	SSP	DS

REV: 0 DRAFTER: SCRIBNER CHECKER: ABBOTT DATE: 07/19/04

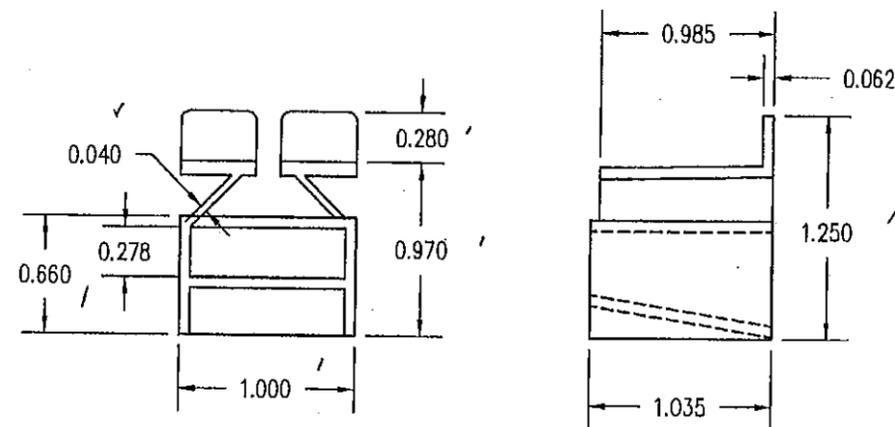
DESCRIPTION:
 ALUMINUM CLAD PVC CURB MOUNTED FIXED SKYLIGHT

WASCO PRODUCTS, INC.
 22 PIONEER AVE. PO BOX 351 SANFORD, MAINE 04073
 (207) 324-8060 FAX: (207) 490-4405

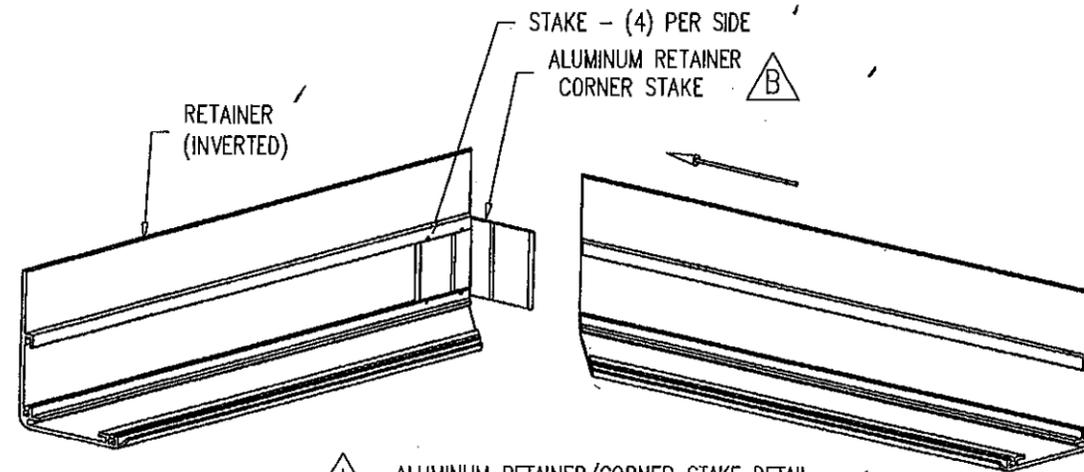
PRODUCT NAME:
 HURRICANE RESISTANT WASCO SKYWINDOW® SKYLIGHTS MODELS GS/R

DOCUMENT: HR-2004 PAGE 2 OF 6

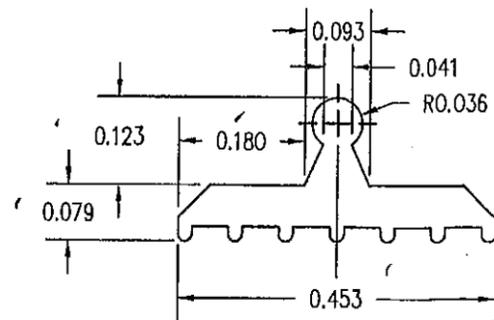
ENGINEER:
 LEON B. MURRAY
 DISCIPLINE: STRUCTURAL
 REGISTRATION # 57110



POLYCARBONATE INJECTION MOLDED GLAZING BLOCK △ D



△ A ALUMINUM RETAINER/CORNER STAKE DETAIL
△ B UPSIDE DOWN



RETAINER GASKET
MATERIAL: SARLINK DSM #5775B4 △ D

Approved as complying with the
Florida Building Code
Date: NOA# 04-0728.03
Miami Dade Product Control
Division
By:

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 10-1006.12
Expiration Date 10/20/2015
By:
Miami Dade Product Control
Division

E	NOA EXTRUSION	10/06/05	LPP	SSP
D	GENERAL	08/11/05	LPP	SSP
C	GENERAL	07/14/05	LPP	SSP
B	NOTES	03/11/05	SSP	DS
A	GENERAL	02/04/05	SSP	CHECK1

REV: 0	DRAFTER: SCRIBNER	CHECKER: ABBOTT	DATE: 07/19/04
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DESCRIPTION:
ALUMINUM CLAD PVC CURB MOUNTED FIXED SKYLIGHT △ A

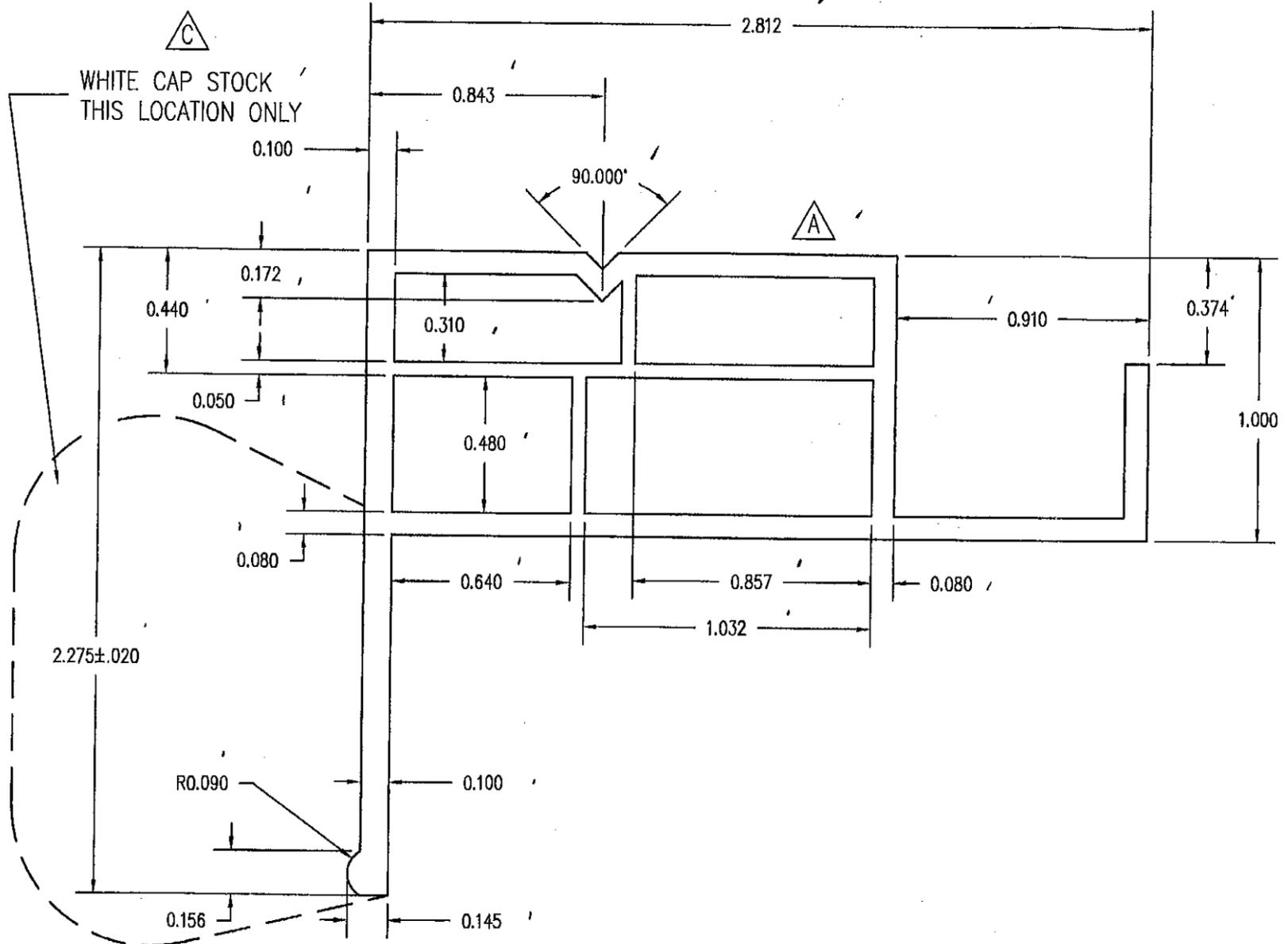
WASCO PRODUCTS, INC.
22 PIONEER AVE. PO BOX 351 SANFORD, MAINE 04073
(207) 324-8080 FAX: (207) 490-4405

PRODUCT NAME:
HURRICANE RESISTANT WASCO SKYHNDOW[®] SKYLIGHTS MODELS GSHR

DOCUMENT: HR-2004	PAGE: 3 OF 6
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ENGINEER:
LEON B. MURRAY
DISCIPLINE: STRUCTURAL
REGISTRATION # 57110 △ C

Leon B Murray
Oct. 10, 2005



GENERAL NOTES:
 1. RIGID PROFILE
 UNSPECIFIED DIMENSIONS: UNLESS OTHERWISE NOTED
 EXTERNAL WALLS: 0.080±.008
 INTERNAL WALLS: 0.050±.012
 RADII: 0.016
 DIMENSIONAL TOLERANCES PER ACTUAL STANDARDS UNLESS OTHERWISE NOTED
 a. AREA OF CROSS SECTION: 2.154 SQR IN
 2. PROFILE WEIGHT
 a. TOTAL WEIGHT OF PROFILE INCLUDING RIGID AND CAP STOCK = 269± GRAMS.

MATERIAL NOTES:
 1. CS/GS WHITE RIGID PVC EXTERIOR EXTRUSION PROFILE (Die #2062100) AS MANUFACTURED BY:
 WASCO PRODUCTS INC.,
 22 PIONEER AVE.
 SANFORD, ME 04073
 NOA # 05-0819.01

Approved as complying with the Florida Building Code
 Date: 04-07-03
 Miami Dade Product Control Division
 By: [Signature]

Leon B Murray
 Oct 19, 2005

PRODUCT RENEWED as complying with the Florida Building Code
 Acceptance No 10-1006.12
 Expiration Date 10/20/2015
 By: [Signature]
 Miami Dade Product Control Division

E CS/GS EXTRUDED PVC SILL (Die #2062100) - NOA #05-0819.01
 SCALE: 2"=1"

AS MANUFACTURED BY:
 WASCO PRODUCTS INC.
 22 PIONEER AVE.
 SANFORD, ME 04073

E CS/GS EXTRUDED PVC SILL NOA No. 05-0819.01
 APPROVAL DATE: OCTOBER 20, 2005
 EXPIRATION DATE: OCTOBER 20, 2010

C PER AAMA LETTER DATED 07/20/05 TO DADE COUNTY. PVC PROFILE TEST RESULTS MEET THE CRITERIA APPROVED BY DADE COUNTY.

E	NOA-EXTRUSION	10/06/05	LPP	SSP
D	GENERAL	08/11/05	LPP	SSP
C	GENERAL	07/14/05	LPP	SSP
B	NOTES	3/11/05	SSP	DS
A	NOTES	02/04/05	SSP	DS

REV: 0 DRAFTER: SCRIBNER CHECKER: ABBOTT DATE: 07/19/04

DESCRIPTION: ALUMINUM CLAD PVC CURB MOUNTED FIXED SKYLIGHT

WASCO PRODUCTS, INC.
 22 PIONEER AVE. PO BOX 351 SANFORD, MAINE 04073
 (207) 324-8080 FAX: (207) 490-4405

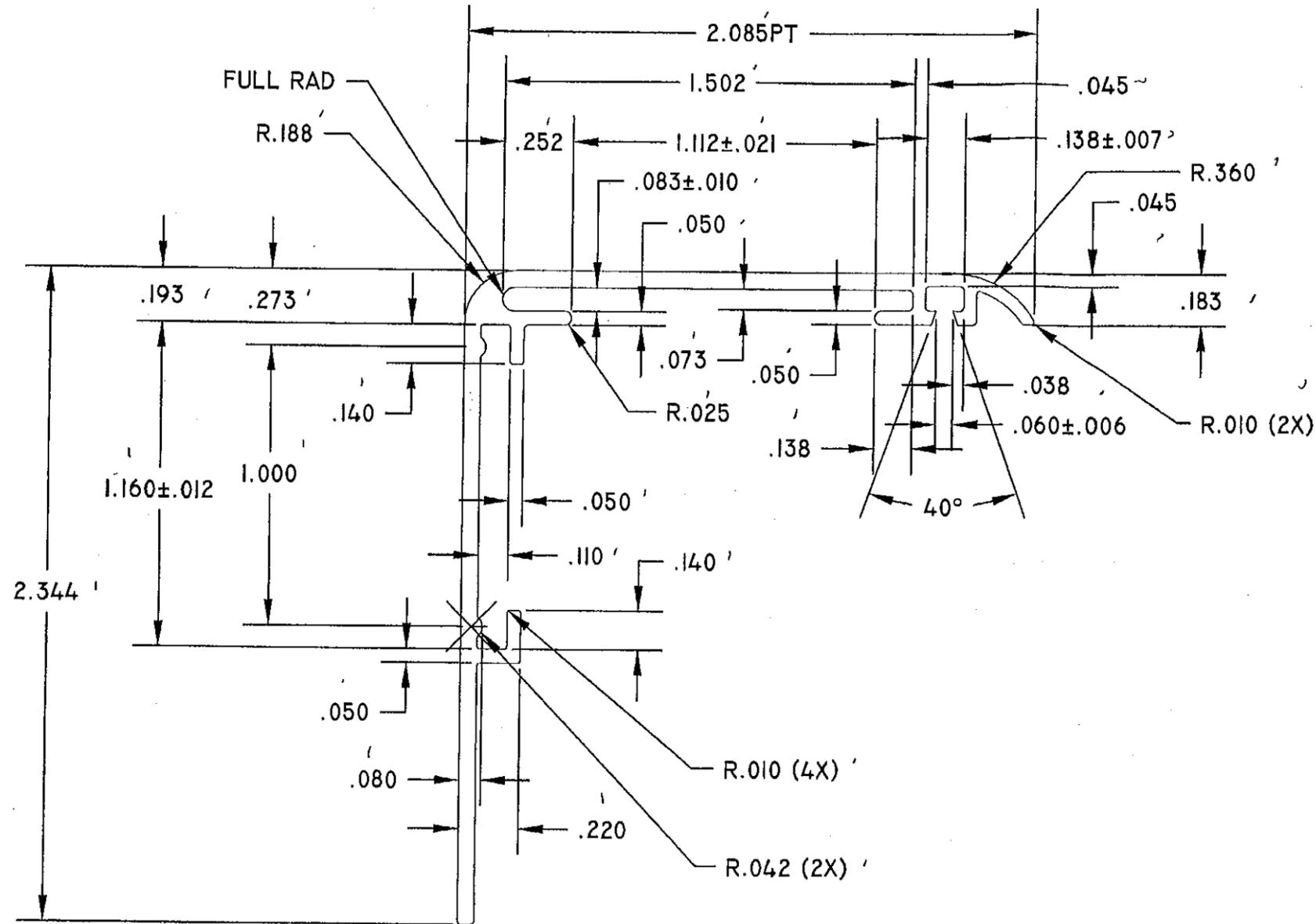
PRODUCT NAME: HURRICANE RESISTANT WASCO SKYWINDOW® SKYLIGHTS MODELS GSHP

DOCUMENT: HR-2004 PAGE 4 OF 6

ENGINEER: LEON B. MURRAY
 DISCIPLINE: STRUCTURAL
 REGISTRATION # 57110

NOTES:

- I. UNLESS OTHERWISE SPECIFIED:
 STANDARD ALUM. ASSOC. TOLERANCES APPLY
 BREAK SHARP CORNERS R.015 MAX.
 UNSPECIFIED RADII = .015



ALUMINUM VTR RETAINER
 SCALE: 2"=1"

Approved as complying with the
 Florida Building Code
 Date
 NOAH 04-0728-03
 Miami Dade Product Control
 Division
 By:

E	GENERAL	10/06/05	LPP	SSP
D	GENERAL	08/11/05	LPP	SSP
C	GENERAL	07/14/05	LPP	SSP
B	NO CHANGE THIS SHT.	03/11/05	SSP	DS
A	GENERAL	02/04/05	SSP	CHECK1

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No 10-1006.12
 Expiration Date 10/20/2015
 By:
 Miami Dade Product Control
 Division

REV: 0	DRAFTER: SSP	CHECKER:	DATE: 1/24/05
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DESCRIPTION:
 ALUMINUM CLAD PVC CURB MOUNTED FIXED SKYLIGHT

WASCO PRODUCTS, INC.
 22 PIONEER AVE. PO BOX 351 SANFORD, MAINE 04073
 (207) 324-8060 FAX: (207) 490-4405

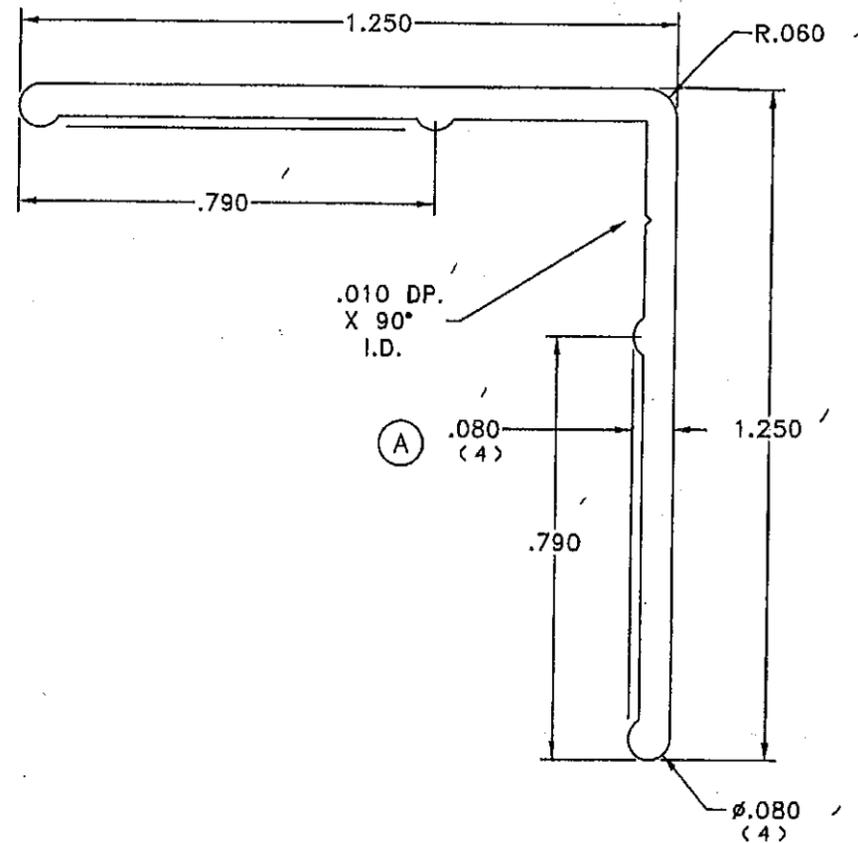
PRODUCT NAME:
 HURRICANE RESISTANT WASCO SKYWINDOW SKYLIGHTS MODELS GSHR

DOCUMENT: HR-2004	PAGE: 5 OF 6
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ENGINEER:
 LEON B. MURRAY
 DISCIPLINE: STRUCTURAL
 REGISTRATION # 57110

VITEX EXTRUSIONS		
AREA: 317 SQ IN	CUSTOMER: WASCO PRODUCTS	
PERIM: 10.893 IN	PART NAME: VTR RETAINER	DATE: 1-17-04
WT./FT. 368 LBS	CUST DWG /REV 2119000	DWN BY: NJS
MAT'L: 6063-T5	SECTION No. 900951	SCALE: 2X

Leon B Murray
 Oct. 10, 2005



ALUMINUM RETAINER/CORNER STAKE
SCALE: 3"=1"

Approved as complying with the
Florida Building Code
Date
NOA# 04-0728-03
Miami Dade Product Control
Division
By

PRODUCT RENEWED
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Building Code
Acceptance No 10-1006-12
Expiration Date 10/20/2015
By
Miami Dade Product Control
Division

E	NOA EXTRUISION	10/06/05	LPP	SSP
D	GENERAL	08/11/05	LPP	SSP
C	GENERAL	07/14/05	LPP	SSP
B	NOTES	03/11/05	SSP	DS
A	GENERAL	02/04/05	SSP	DS

REV: 0	DRAFTER: SSP	CHECKER:	DATE: 1/24/05
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DESCRIPTION:
ALUMINUM GLAD PVC CURB MOUNTED FIXED SKYLIGHT

WASCO PRODUCTS, INC.
22 PIONEER AVE. PO BOX 351 SANFORD, MAINE 04073
(207) 324-8060 FAX: (207) 490-4405

PRODUCT NAME:
HURRICANE RESISTANT WASCO SKYWINDOW[®] SKYLIGHTS MODELS GSHR

DOCUMENT: HR-2004 PAGE 6 OF 6

ENGINEER:
LEON B. MURRAY
DISCIPLINE: STRUCTURAL
REGISTRATION # 57110

Leon B Murray
Oct 10, 2005

EST. AREA .149	EST. PERIMETER 4.997	Alcoa Extruded Construction Products			
EST. WT. PER FT. .179	FACTOR 28	CUSTOMER WASCO		F	
STANDARD TOLERANCES FOR EXTRUDED PRODUCTS APPLY UNLESS SPECIFICALLY SHOWN OTHERWISE		CITY SANFORD	STATE MAINE		
REVISIONS		KEY		CIRCUMSCRIBED CIRCLE 1-2	
DATE		SCALE 3X1	DRAWN BY M.M.	DATE 12/12/2000	CUSTOMER NO. 2090905
A ADDED DIM. 7/31/2001		END USE CODE		PRODUCT CLASS	SOLID <input checked="" type="checkbox"/> HOLLOW <input type="checkbox"/>
B ADDED CUST. NO. 9/28/2001		UNSPECIFIED WALL THICKNESS .060		ALLOY/TEMPER 6063-T5	
ALL CORNERS .015 RADIUS UNLESS SPECIFIED					