



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

NOTICE OF ACCEPTANCE (NOA)

www.buildingcodeonline.com

Wasco Products, Inc.
22 Pioneer Avenue
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 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 Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Pinnacle HU

APPROVAL DOCUMENT: Drawing No. **06-173** titled "Pinnacle HU Gabled Skylight with L.M. Impact Resistant Laminated /Insulated Glass", sheets 1 through 15 of 15, dated 01/15/07, prepared by Tillit Testing & Engineering Company signed and sealed by Walter A. Tillit jr. P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

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 consists of this page 1 and evidence pages E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Mohammed Iqbal Shaikh, P.E.**



NOA No 06-0816.05
Expiration Date: 02/22/12
Approval Date: 02/22/07
Page 1

Wasco Products, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **06-173** titled "Pinnacle HU Gabled Skylight with L.M. Impact Resistant Laminated /Insulated Glass", sheets 1 through 15 of 15, dated 01/15/07 prepared by Tillit Testing & Engineering Company signed and sealed by Walter A. Tillit jr. P.E.,

B. TESTS

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with marked-up drawings of "Pinnacle HU Test units", prepared by American Test Lab of South Florida, Test Report No. **ATLSF # 1107.01-05**, dated 07/10/06, signed and sealed by William R. Mehner P.E.

C. CALCULATIONS

1. Skylight Calculations and structural analysis, complying with FBC-2004, prepared by Tillit Testing & Engineering Company signed and sealed by Walter A. Tillit jr. P.E.,

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 06-1205.10 issued to E.I. DuPont DeNemours for "Sentry Glass Plus dated 01/14/07, expiring on 01/14/2012.

F. STATEMENTS

1. Statement letter of conformance to FBC 2004, dated January 15 2007, signed and sealed by Walter A. Tillit jr. P.E.
2. Statement letter of no financial interest, dated July 27, 2006, signed and sealed by Walter A. Tillit jr. P.E.

G. OTHER

None.



Mohammed Iqbal Shaikh, P.E.
Sr. Building Code Compliance Specialist

NOA No 06-0816.05
Expiration Date: 02/22/12
Approval Date: 02/22/07

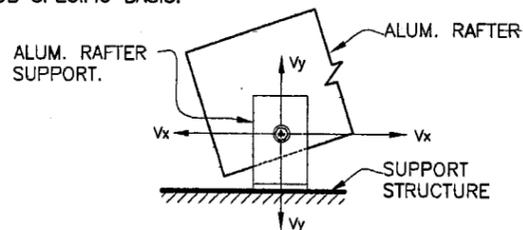
GENERAL NOTES:

1. SKYLIGHT SHOWN ON THIS PRODUCT APPROVAL DOCUMENT (P.A.D.) HAS BEEN VERIFIED FOR COMPLIANCE IN ACCORDANCE WITH THE 2004 EDITION OF THE FLORIDA BUILDING CODE W/ THE 2005 AND 2006 SUPPLEMENTS. THIS SKYLIGHT MAY BE INSTALLED AT HIGH VELOCITY HURRICANE ZONES. DESIGN LIVE AND WIND LOADS SHALL BE DETERMINED AS PER SECTIONS 1615 AND 1620 OF THE ABOVE MENTIONED CODE. IN ORDER TO VERIFY THAT FASTENERS AND ANCHORS ON THIS P.A.D. ARE NOT OVERSTRESSED FOR EVERY SINGLE APPLICATION OF THIS SKYLIGHT SYSTEM UNDER THE DESIGN PRESSURE RATINGS INDICATED ON NOTE 2 BELOW, A 33% INCREASE IN ALLOWABLE STRESS FOR WIND LOADS SHALL NOT BE USED IN THEIR ANALYSIS.

1A. SHOP DRAWINGS AND STRUCTURAL CALCULATIONS SHALL BE SUBMITTED FOR EVERY PERMIT. DRAWINGS MAY INCLUDE LARGER SKYLIGHT WIDTH, LENGTH AND RISE W/ CORRESPONDING LARGER CROSS SECTION RAFTERS & MULLIONS, BUT PRESSURE RATING AS WELL AS MAX. GLASS PANEL SIZE SHALL NOT EXCEED THOSE INDICATED ON THIS DRAWING. (SEE NOTES 2 AND 11 RESPECTIVELY) THIS P.A.D. COVERS GABLE SHAPE SKYLIGHTS. OTHER SHAPES/CONFIGURATIONS W/ SLOPED GLASS MAY BE ALSO ACCEPTED, PROVIDED THAT ABOVE MENTIONED CONDITIONS ARE COMPLIED WITH. THE DESIGN OF LARGER COMPONENTS FOR LARGER SKYLIGHTS SHALL BE PERFORMED BY A FLORIDA P.E. AND REVIEWED BY THE STRUCTURAL PLANS EXAMINER OF THE CORRESPONDING BUILDING DEPARTMENT ON A JOB SPECIFIC BASIS. (SEE NOTES 3 & 18).

2. DESIGN PRESSURE RATING AT ROOF IS: +80.0 psf (WINDWARD SIDE), -80.0psf (LEEWARD SIDE). DESIGN PRESSURE RATING AT WALL IS: +80.0, -80.0 psf. DESIGN PRESSURE RATING AND LARGE MISSILE IMPACT RESISTANCE OBTAINED THRU TESTING AS PER SECTION 1626.2 OF THE FLORIDA BUILDING CODE, PER PROTOCOLS TAS 201, 202, 203, PER AMERICAN TESTING LABORATORY REPORT # 1107.01-05. WATER AND AIR INFILTRATION TESTING HAS BEEN PERFORMED AS PER PROTOCOL TAS 202, QUALIFYING ASTM E 331 AND ASTM E 283 RESPECTIVELY.

3. STRUCTURAL ADEQUACY OF SUPPORTING STRUCTURAL MEMBERS IS NOT PART OF THIS P.A.D. STRUCTURAL DESIGN OF THE STRUCTURE THAT WILL PROVIDE SUPPORT TO THIS SKYLIGHT SHALL BE PERFORMED BY THE STRUCTURAL ENGINEER OF RECORD FOR THE PROJECT. STRUCTURAL DESIGN SHALL INCLUDE AND TAKE INTO CONSIDERATION THE ACTUAL Vx AND Vy LOADS TRANSFERRED FROM THIS SKYLIGHT TO THE SUPPORT STRUCTURE, BASED ON DEAD, LIVE & WIND LOADS AND USING THE LOAD COMBINATIONS AS PER SECTIONS 2.3 OR 2.4 OF A.S.C.E. 7-02 STANDARD. ADEQUACY OF SUPPORTING STRUCTURAL MEMBERS SHALL BE REVIEWED BY THE STRUCTURAL PLANS EXAMINER OF THE CORRESPONDING BUILDING DEPARTMENT ON A JOB SPECIFIC BASIS.



- 4. ALL ALUMINUM EXTRUSIONS SHALL BE ALUMINUM ASSOCIATION 6063-T6 ALLOY AND TEMPER, UNLESS OTHERWISE NOTED.
- 5. ALL ALUMINUM SHEET SHALL BE ALUMINUM ASSOCIATION 1100-H14 ALLOY AND HARDNESS.
- 6. ALL SCREWS TO BE STAINLESS STEEL AISI 304 OR 316 SERIES, WITH MIN. TENSILE LOAD CAPACITY Tu=4275# & MIN. ULTIMATE SHEAR LOAD CAPACITY Su=2700#, PER ASTM B-593 & B-594.
- 7. ALL ALUMINUM POP RIVETS TO BE 5056 ALUMINUM ALLOY WITH ALUMINUM MANDREL.
- 8. BOLTS TO BE STAINLESS STEEL AISI 304 OR 316 SERIES WITH 50 ksi Min. YIELD STRENGTH AND 90 ksi Min. TENSILE STRENGTH, PER ASTM B-593 AND B-594.
- 9. GLAZING SYSTEM SHALL COMPRISE OF THE FOLLOWING COMPONENTS:

- 9.1. 1/4"x5/8" TREMCO SGT 921 STRUCTURAL GLAZING TAPES MADE OF OPEN CELL HIGH DENSITY POLYURETHANE WITH A MICROCELLULAR STRUCTURE.
- 9.2. SANTOPRENE GLAZING STOP (1/4"x1 1/4"x4", MODIFY TO GLAZING), (2) PER BAY AT 1/4 POINTS AT LOCATIONS SHOWN ON SECTIONS.
- 9.3. STRUCTURAL SILICONE FOR GLASS SEALANT AT RAFTERS TO BE DOW CORNING 995 SILICONE STRUCTURAL ADHESIVE.

10. ALL FLASHING TO BE LAPPED AND SET ON A BED OF URETHANE SEALANT.

11. GLASS OPTIONS:

- (a) 9/16" LAMINATED GLAZING CONSISTING OF:
1/4" THICK CLEAR HEAT STRENGTHENED GLASS +0.090" THICK MIAMI-DADE COUNTY APPROVED (NOA # 01-1204.01) SENTRY GLASS (R) PLUS INTERLAYER + 1/4" CLEAR HEAT STRENGTHENED GLASS.
- (b) 1 5/16" INSULATED GLAZING CONSISTING OF:
1/4" THICK CLEAR TEMPERED GLASS +1/2" AIRSPACE W/ ALUMINUM SPACER OVER 9/16" LAMINATED GLASS MADE WITH 1/4" THICK CLEAR HEAT STRENGTHENED GLASS +0.090" THICK MIAMI-DADE COUNTY APPROVED (NOA # 01-1204.01) SENTRY GLASS (R) PLUS INTERLAYER + 1/4" CLEAR HEAT STRENGTHENED GLASS.

(c) NOTES: MAX GLASS PANEL D.L.O SIZE IS 45 1/2"x94-1/2".
MAX GLASS AREA = 32.00 FT² BETWEEN SUPPORTS.

12. ALL WELDING TO CONFORM TO THE AMERICAN WELDING SOCIETY A.W.S. D.1.2 2004 EDITION REGULATIONS. USE CERTIFIED WELDERS. USE ER-4043 (IF NOT ANODIZED FINISH) OR ER-5356 (IF ANODIZED FINISH) ELECTRODES.

13. ALUMINUM MEMBERS IN CONTACT WITH CONCRETE SHALL BE PROTECTED ACCORDINGLY WITH SECTION 2003.8.4.4 OF THE 2004 EDITION OF THE FLORIDA BUILDING CODE.

14. ALUMINUM MEMBERS IN CONTACT WITH STEEL SHALL BE PROTECTED ACCORDINGLY WITH SECTION 2003.8.4.2 OF THE 2004 EDITION OF THE FLORIDA BUILDING CODE.

15. PAINT, FINISH AND COLOR TO BE SELECTED BY ARCHITECT OF RECORD FOR THE JOB IN COORDINATION W/ WASCO PRODUCTS, INC. AND SHALL COMPLY WITH AAMA 1600 SPECIFICATION, SECTION 3.11.

16. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE SOUNDNESS OF THE STRUCTURE WHERE THIS SKYLIGHT IS TO BE ATTACHED TO INSURE PROPER ANCHORAGE. SEE NOTE 3 ABOVE. CONTRACTOR IS TO SEAL/CAULK W/ URETHANE SEALANT ALL SKYLIGHT COMPONENT EDGES AS INDICATED ON THIS DRAWING TO PREVENT WIND/RAIN INTRUSION.

17. SKYLIGHT INSTALLATION SHALL COMPLY WITH SPECS INDICATED IN THIS DRAWING PLUS ANY BUILDING AND ZONING REGULATIONS PROVIDED BY THE JURISDICTION WHERE PERMIT IS APPLIED TO.

18. (a) THE PRODUCT APPROVAL DOCUMENT (P.A.D.) PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT.

(b) CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION INCLUDING LIFE SAFETY OF THIS PRODUCT BASED ON THIS PRODUCT APPROVAL PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT. CONSTRUCTION SAFETY AT SITE IS THE CONTRACTOR'S RESPONSIBILITY.

(c) THIS PRODUCT APPROVAL DOCUMENT WILL BE CONSIDERED INVALID IF MODIFIED.

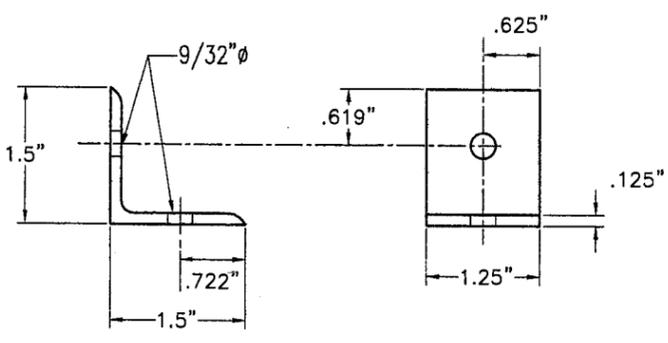
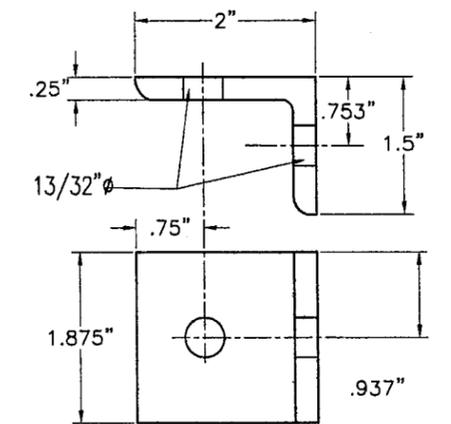
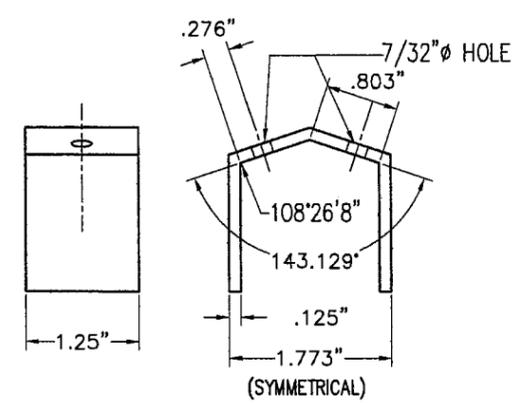
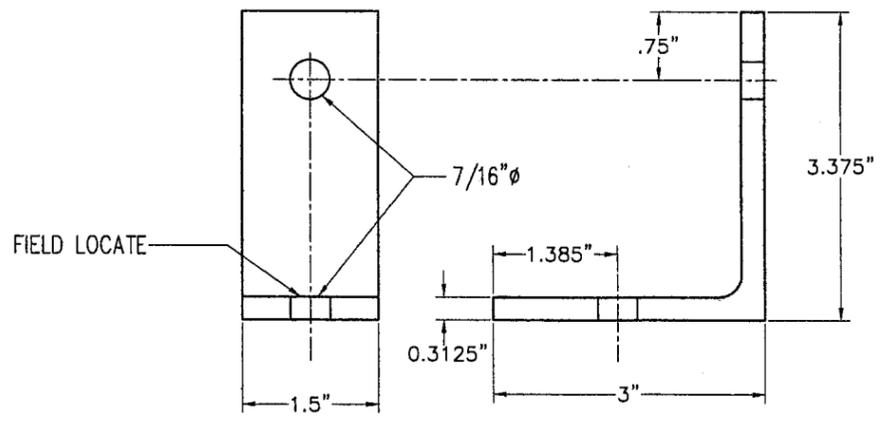
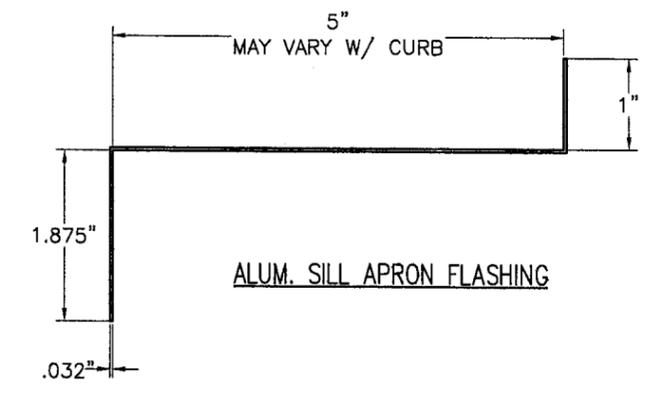
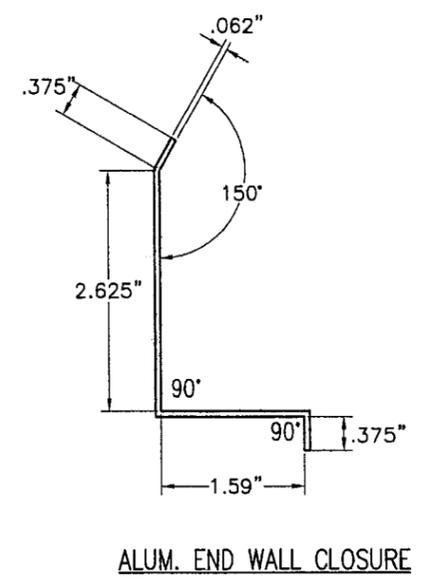
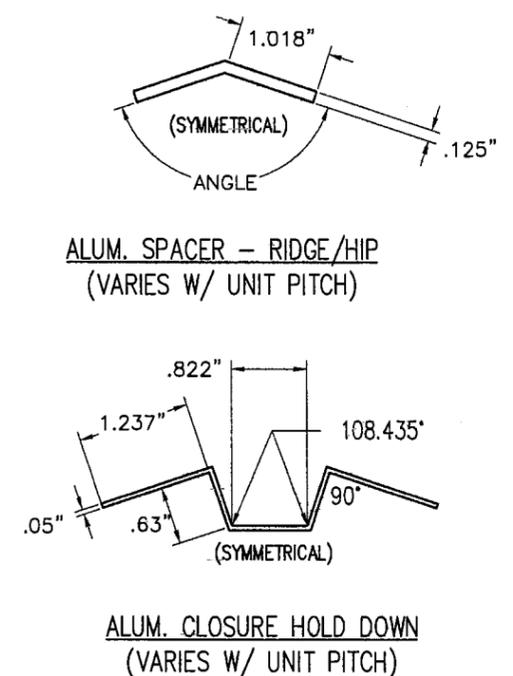
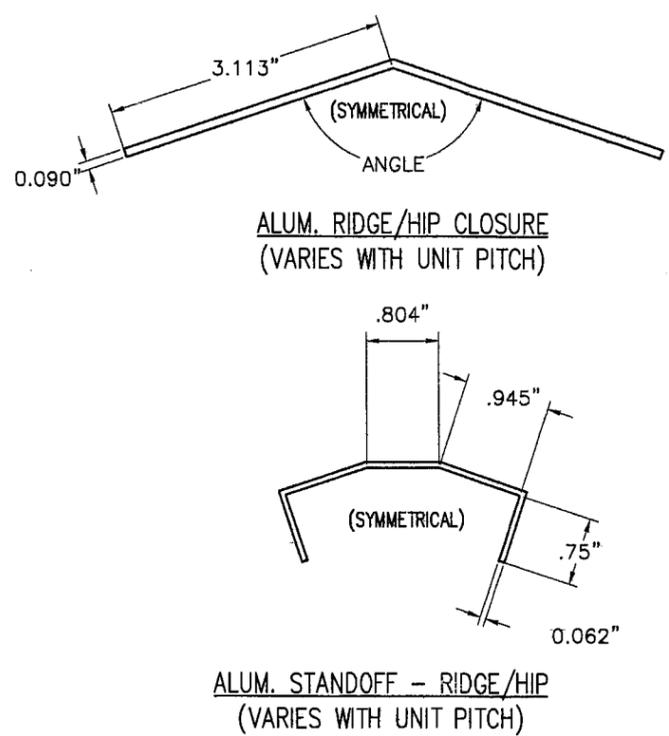
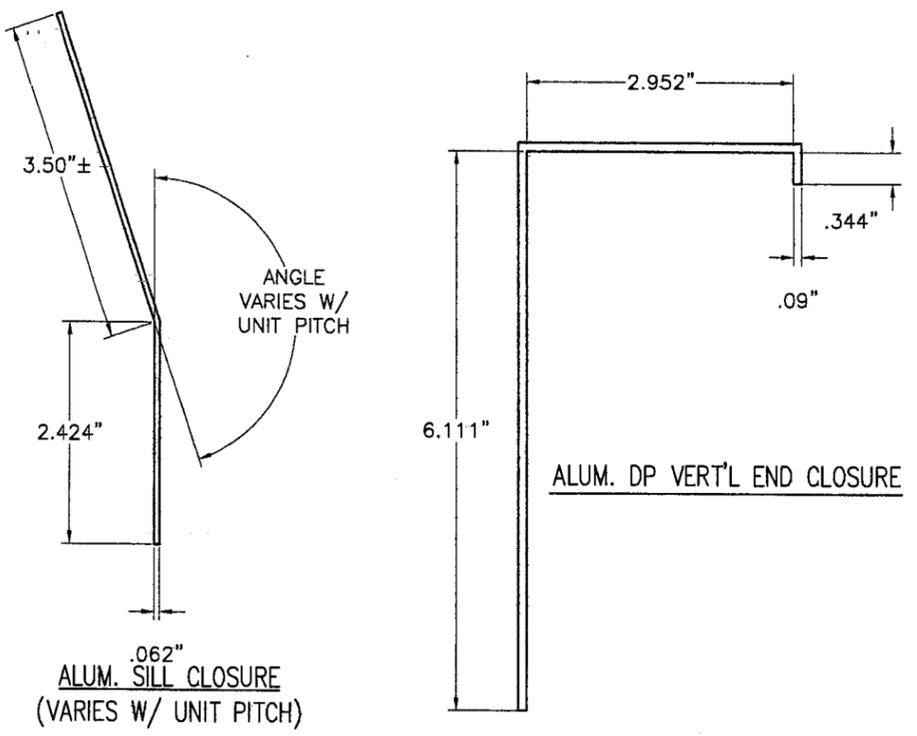
(d) SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE PROFESSIONAL OF RECORD (P.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.A.D. PROFESSIONAL OF RECORD, ACTING AS DELEGATED ENGINEER TO THE P.A.D. ENGINEER, SHALL SUBMIT TO THIS LATTER THE SITE SPECIFIC DRAWINGS FOR REVIEW.

(e) THIS P.A.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER THAT PREPARED IT.

Approved as complying with the
Florida Building Code
Date 02/22/2007
NOA# 06-0816-05
Miami Dade Product Control
Division
By *M. Kharb*

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

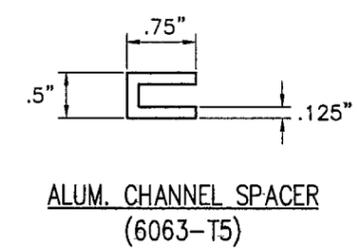
MIAMI-DADE COUNTY	 JAN 15 2007 P.E. SEAL/SIGNATURE/DATE	©2006 TILTECO, INC TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone: (305)871-1530 Fax: (305)871-1531 EB-0006719 WALTER A. TILLIT Jr. P. E. FLORIDA Lic. # 44167	PINNACLE H.U GABLED SKYLIGHT W/ L.M. IMPACT RESISTANT LAMINATED/ INSULATED GLASS. WASCO PRODUCTS, INC. 22 PIONEER AVE. SANFORD, MAINE 04073 (207) 636-5547 FAX: (207) 490-5271	DRAWN BY: I.A. / M.C.V. 06/27/06 DATE 06-173 DRAWING No
		REV. No DESCRIPTION DATE REV. No DESCRIPTION DATE 1 GENERAL 01/15/07 3 2 - - 4	SHEET 1 OF 15	



ALUM. RAFTER SUPPORT ANGLE @ SILL END
(6061-T6)
DIMS. MAY VARY W/ UNIT PITCH

VE MULLION ALUM. TOP CLIP
(VARIES W/ UNIT PITCH)

ALUM. RAFTER CLIP @ CTR RAFTERS
(6061-T6)



ALUM. CHANNEL SPACER
(6063-T5)

Approved as complying with:
Florida Building Code
Date: 02/22/2007
NOA: 06-0816-05
Miami Dade Product Control
Division
By: *M. Phair*

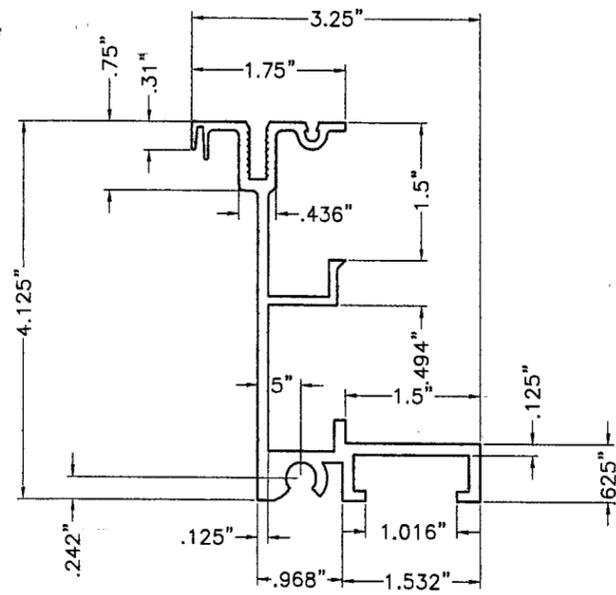
COMPONENTS

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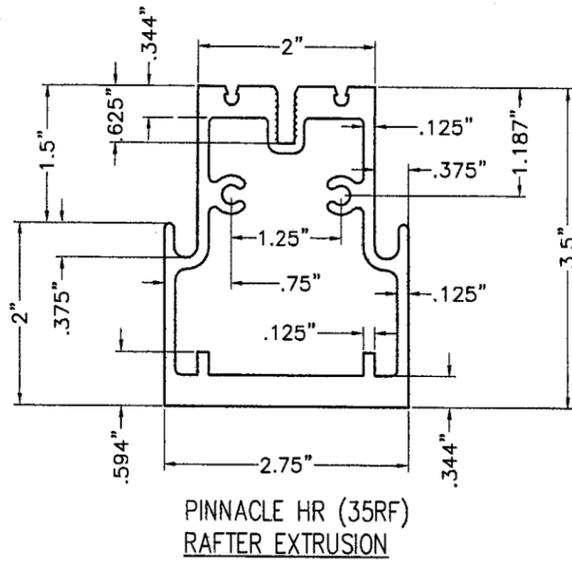
FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

VE MULLION ALUM. BOTTOM SUPPORT ANGLE

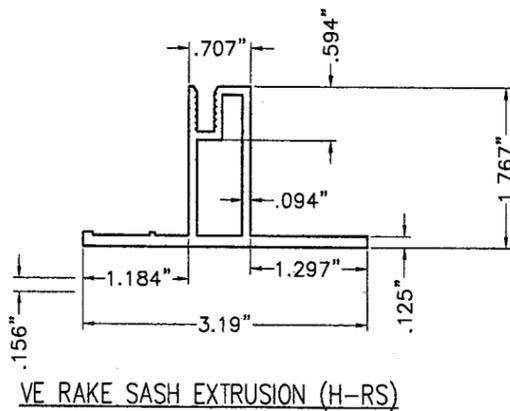
MIAMI-DADE COUNTY	 JAN 15 2007 P.E. SEAL/SIGNATURE/DATE	©2006 TILTECO, INC TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone: (305)871-1530 • Fax: (305)871-1531 EB-0006719 WALTER A. TILLIT Jr. P. E. FLORIDA Lic. # 44167	PINNACLE H.U GABLED SKYLIGHT W/ L.M. IMPACT RESISTANT LAMINATED/ INSULATED GLASS.	DRAWN BY: I.A. / M.C.V.
		WASCO PRODUCTS, INC. 22 PIONEER AVE. SANFORD, MAINE 04073 (207) 836-5547 FAX: (207) 490-5271	06/27/06 DATE	
REV. No DESCRIPTION DATE REV. No DESCRIPTION DATE			06-173 DRAWING No	
1 - - 3 - - 2 - - 4 - -			SHEET 2 OF 15	



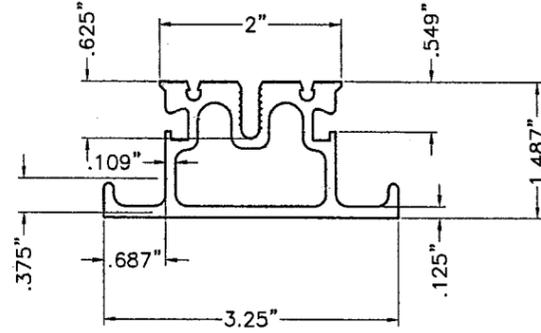
SILL EXTRUSION (35S)



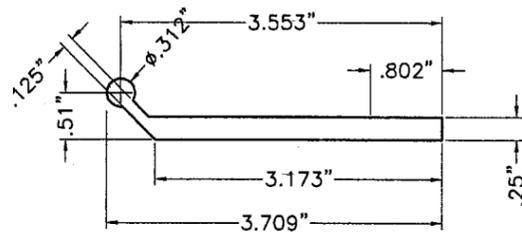
PINNACLE HR (35RF)
RAFTER EXTRUSION



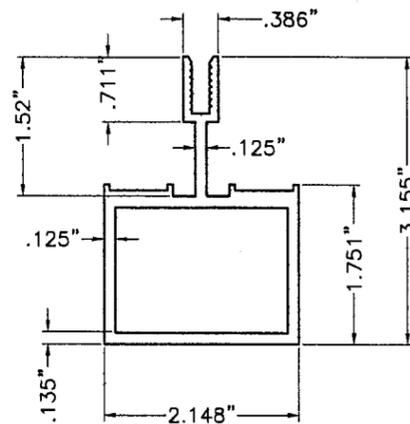
VE RAKE SASH EXTRUSION (H-RS)



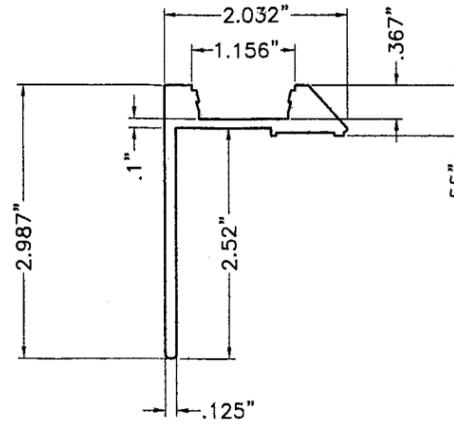
PURLIN EXTRUSION (4P1)



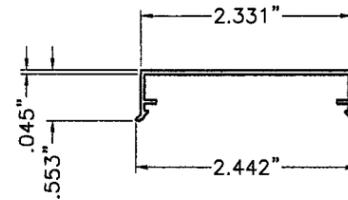
BASE PLATE EXTRUSION (BP-1)



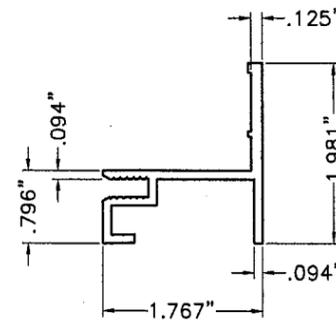
VE MULLION EXTRUSION (H-M)



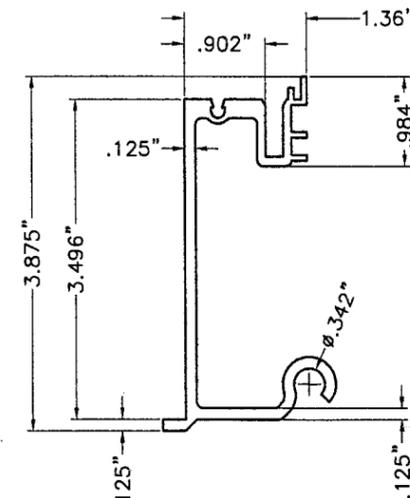
SILL PERIMETER TAPE CAP EXTRUSION (H-PC)



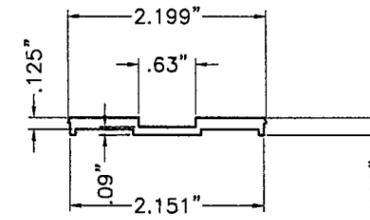
CLOSURE EXTRUSION (H-RCC)



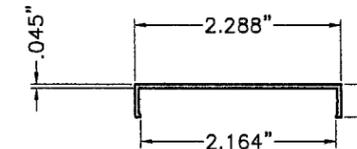
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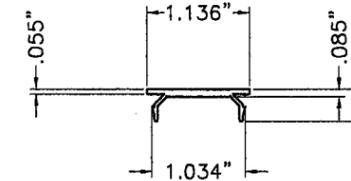
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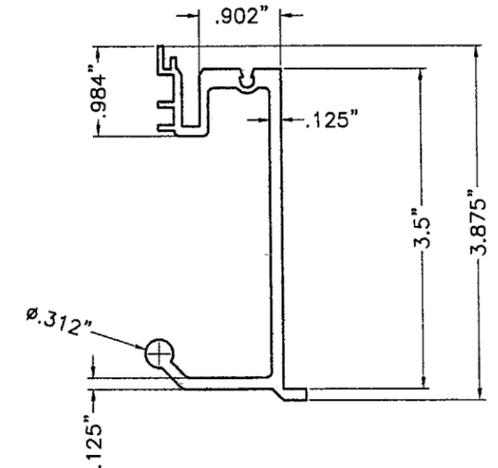
CAP EXTRUSION (H-RC)



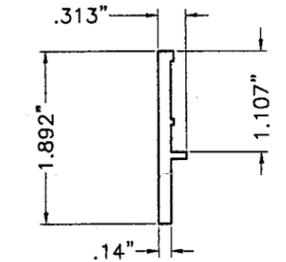
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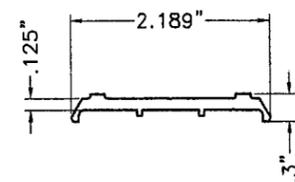
SILL CLOSURE CAP EXTRUSION



RIDGE/HIP EXTRUSION (35H-1M)



SASH CAP EXTRUSION (H-SC)



VE MULLION CAP EXTRUSION (H-MC)

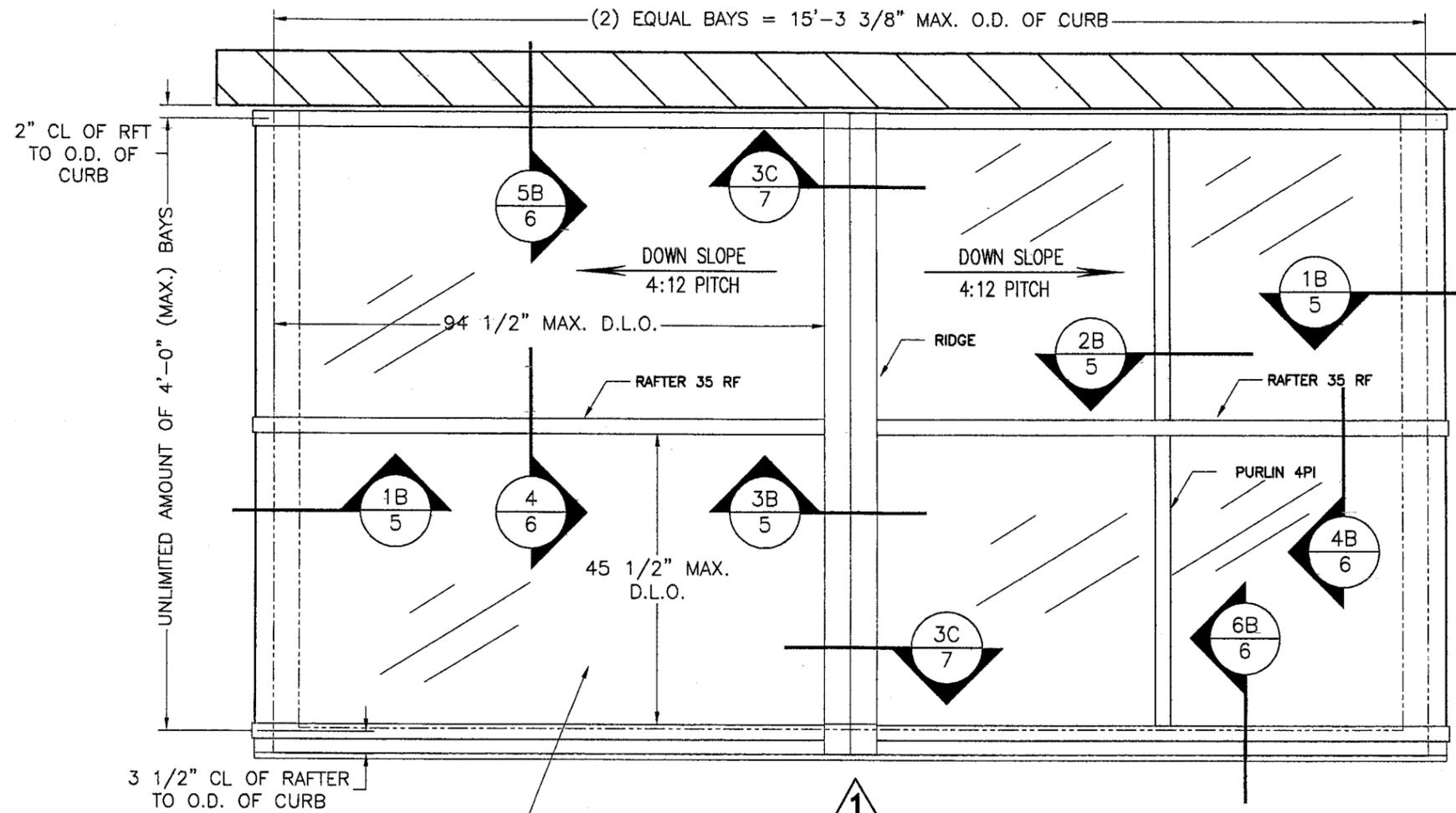
COMPONENTS

SACLE: 1/2"=1"

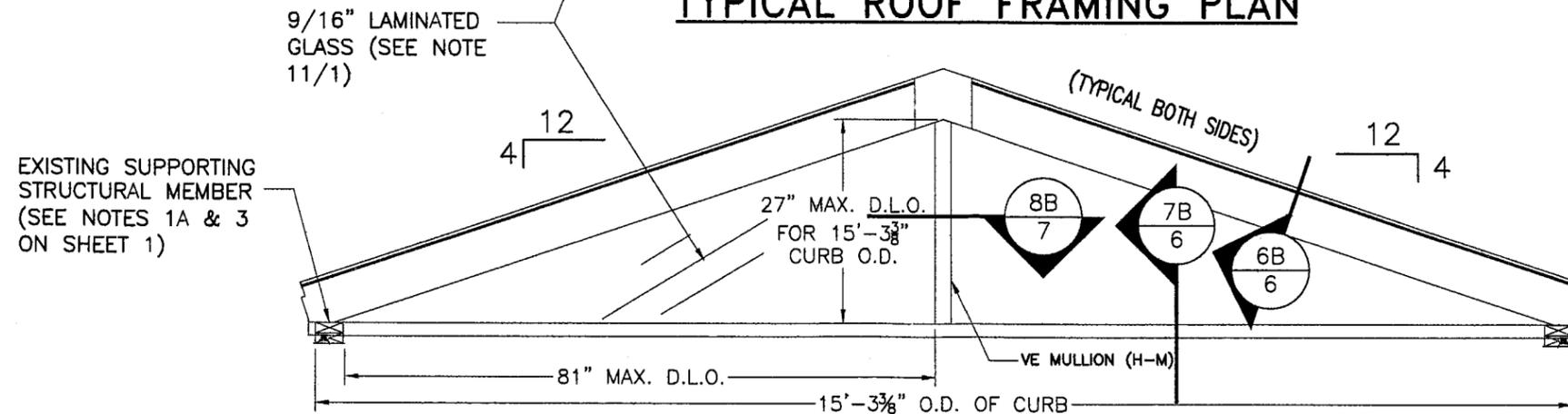
Approved as complying with the
Florida Building Code
Date: 02/22/2007
NOAH: 06-0816-05
Miami Dade Product Control
Division
M. Frank

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

MIAMI-DADE COUNTY	 JAN 15 2007 P.E. SEAL/SIGNATURE/DATE	©2006 TILTECO, INC TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 . Fax : (305)871-1531 EB-0006719 WALTER A. TILLIT Jr. P. E. FLORIDA Lic. # 44167	PINNACLE H.U GABLED SKYLIGHT W/ L.M. IMPACT RESISTANT LAMINATED/ INSULATED GLASS. WASCO PRODUCTS, INC. 22 PIONEER AVE. SANFORD, MAINE 04073 (207) 836-5547 FAX: (207) 490-5271	DRAWN BY: I.A. / M.C.V. 06/27/06 DATE 06-173 DRAWING No SHEET 3 OF 15															
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REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE														
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2	-	-	4	-	-														



TYPICAL ROOF FRAMING PLAN



ELEVATION

Date: 02/22/2007
 Drawn: 06-08/10-05
 Checked: [Signature]
 [Signature]

LAMINATED GLASS CASE
(9/16" L.G.)

MIAMI-DADE COUNTY

JAN 15 2007
 P.E. SEAL/SIGNATURE/DATE

©2006 TILTECO, INC

TILTECO INC.
 TILLIT TESTING & ENGINEERING COMPANY
 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
 Phone: (305)871-1530 Fax: (305)871-1531
 EB-0006719
 WALTER A. TILLIT Jr. P. E.
 FLORIDA Lic. # 44167

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

PINNACLE H.U GABLED SKYLIGHT W/ L.M. IMPACT RESISTANT LAMINATED/ INSULATED GLASS.

DRAWN BY: I.A. / M.C.V.

WASCO PRODUCTS, INC.

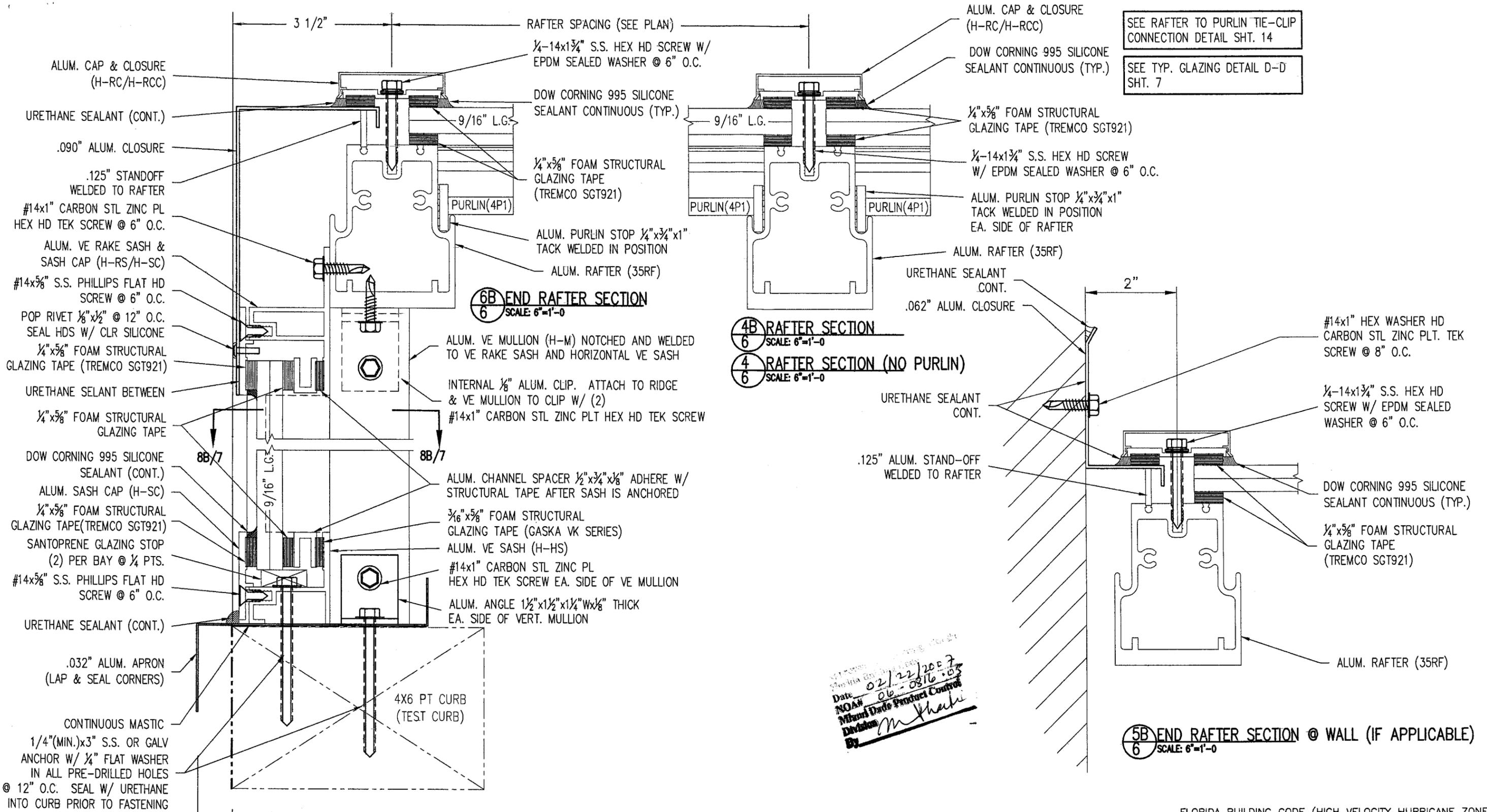
06/27/06 DATE

22 PIONEER AVE.
 SANFORD, MAINE 04073
 (207) 636-5547 FAX: (207) 490-5271

06-173 DRAWING No

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
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2	-	-	4	-	-

SHEET 4 OF 15



SEE RAFTER TO PURLIN TIE-CLIP CONNECTION DETAIL SHT. 14

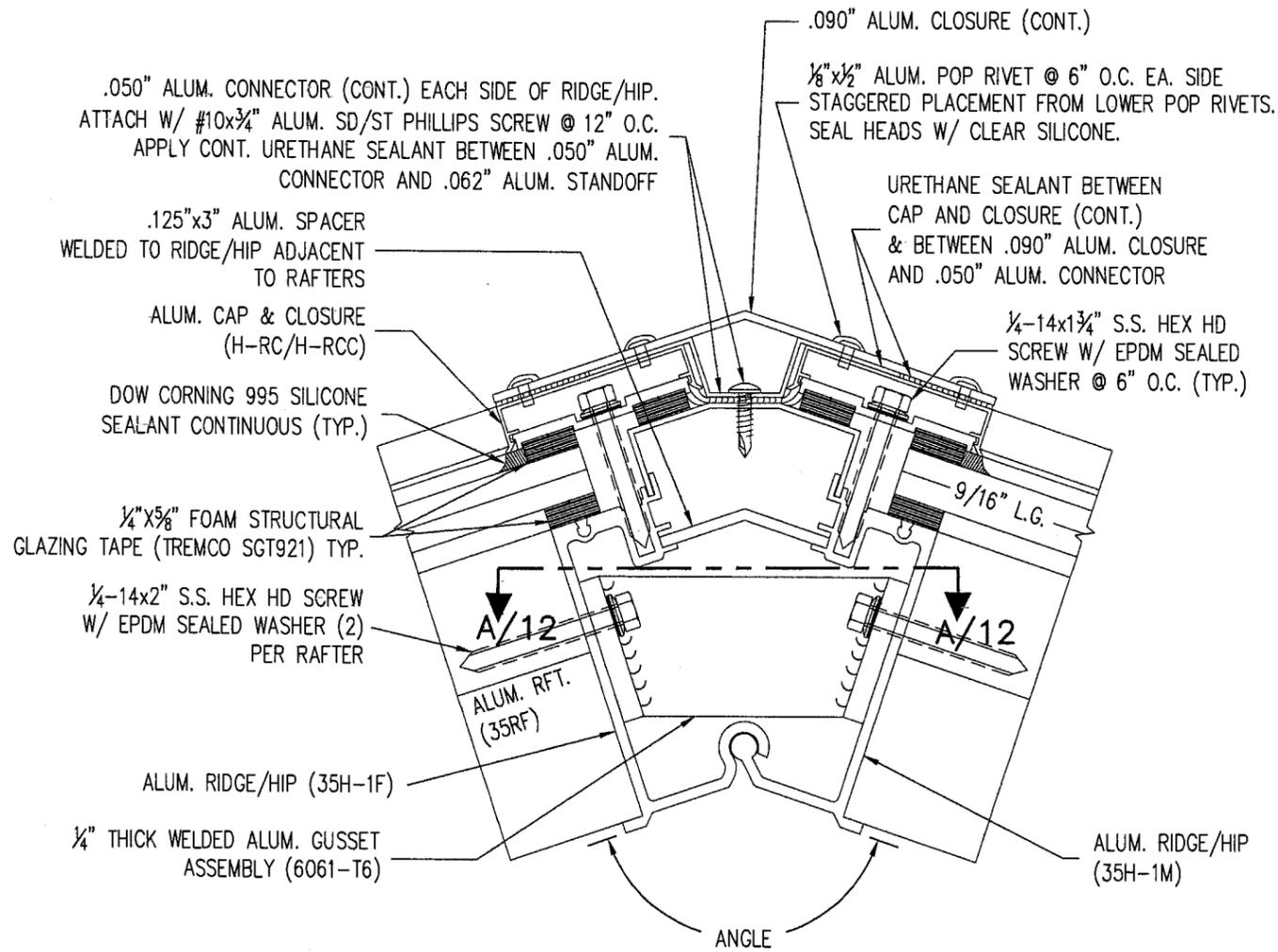
SEE TYP. GLAZING DETAIL D-D SHT. 7

DATE 02/22/2007
 NOA: 06-0816-03
 Miami Dade Product Control
 By: *M. Shaki*

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

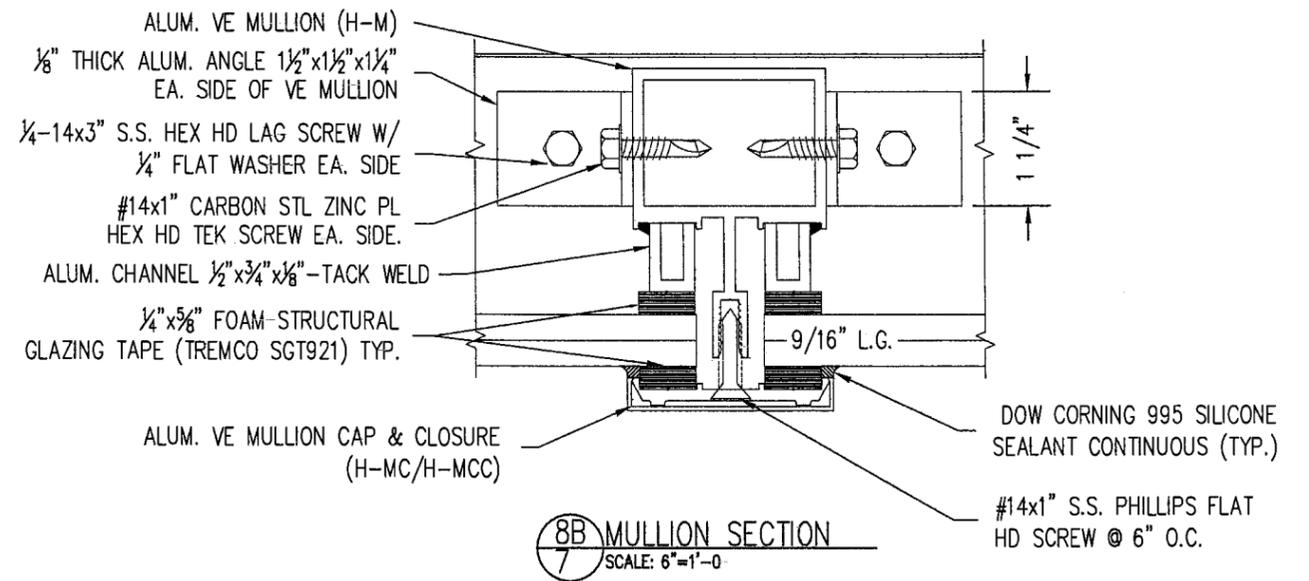
7B VERTICAL END SECTION
 SCALE: 6"=1'-0"

MIAMI-DADE COUNTY	 P.E. SEAL/SIGNATURE/DATE JAN 15 2007	©2006 TILTECO, INC TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33168 Phone: (305)871-1530 Fax: (305)871-1531 EB-0006719 WALTER A. TILLIT Jr. P. E. FLORIDA Lic. # 44167	PINNACLE H.U GABLED SKYLIGHT W/ L.M. IMPACT RESISTANT LAMINATED/ INSULATED GLASS.	DRAWN BY: I.A. / M.C.V.																		
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			06-173 DRAWING No	06/27/06 DATE																		
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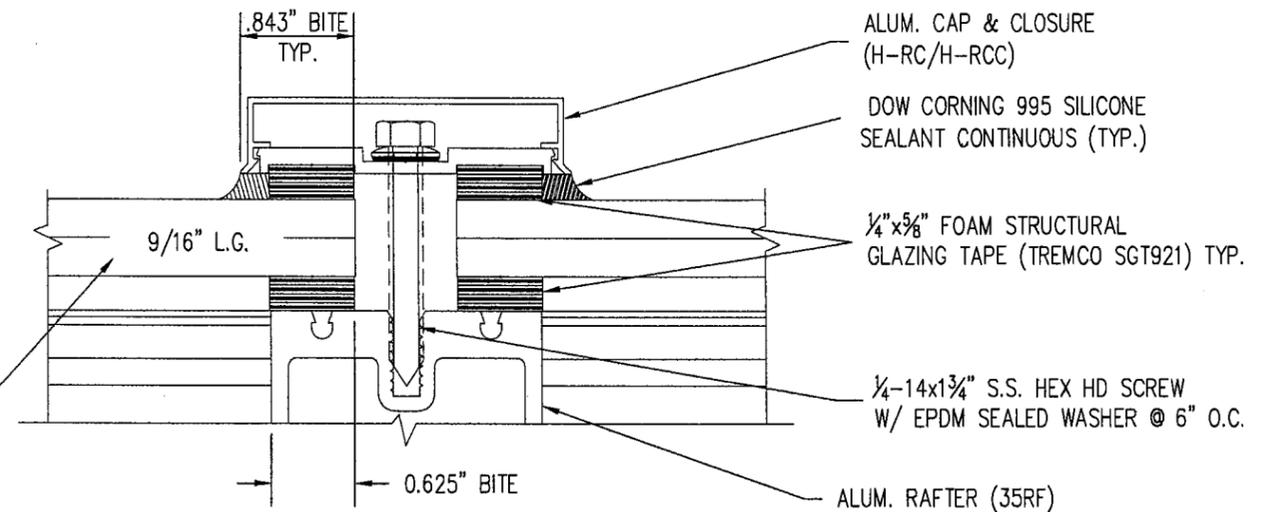


3C RIDGE SECTION @ END RAFTERS - (ANGLE - 143°7'45")
SCALE: 6"=1'-0"

ANGLE AT HIP VARIES (NOT INCLUDED)



8B MULLION SECTION
SCALE: 6"=1'-0"

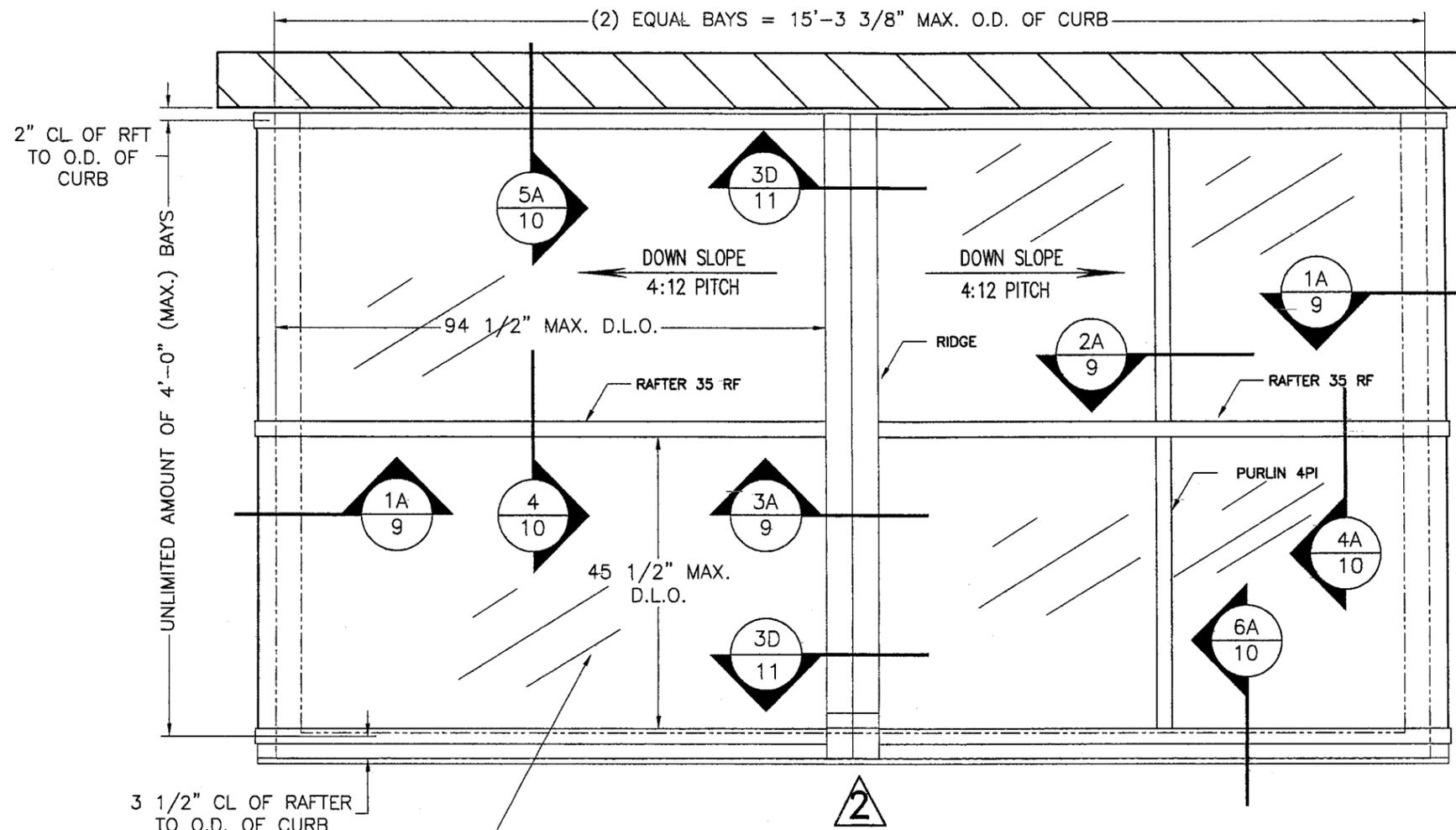


**SECTION D-D
GLAZING DETAIL**
SCALE: NTS

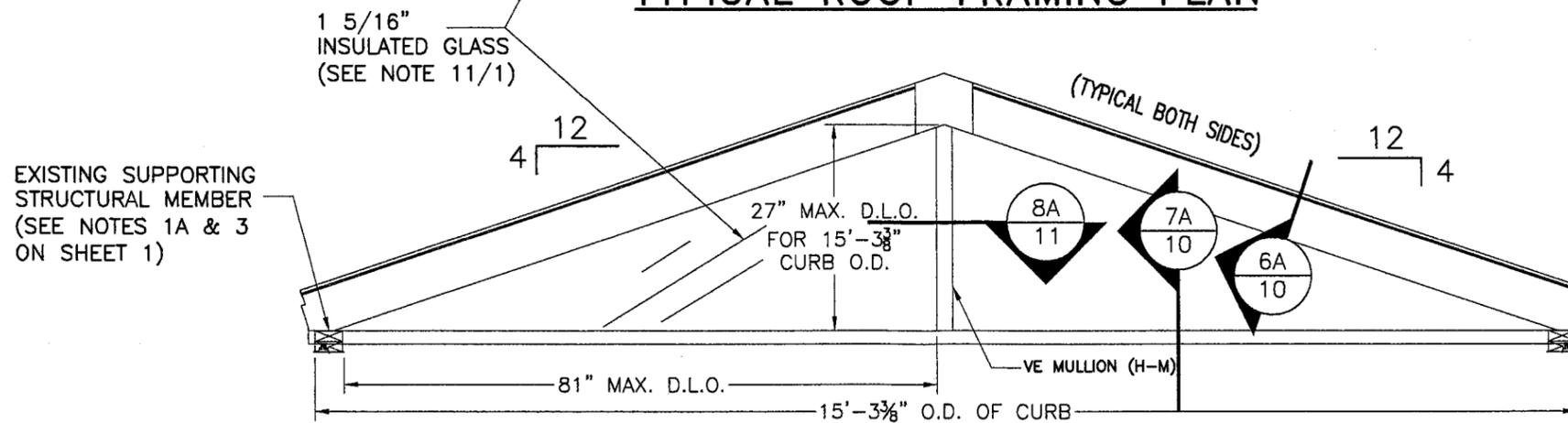
02/22/2007
06-0816.05
Division
By: *M. Khalil*

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

MIAMI-DADE COUNTY	 JAN 15 2007 P.E. SEAL/SIGNATURE/DATE	©2008 TILTECO, INC TILLIT TESTING & ENGINEERING COMPANY 8355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 . Fax : (305)871-1531 EB-0006719 WALTER A. TILLIT Jr. P. E. FLORIDA Lic. # 44167	PINNACLE H.U GABLED SKYLIGHT W/ L.M. IMPACT RESISTANT LAMINATED/ INSULATED GLASS.	DRAWN BY: I.A. / M.C.V.																		
			WASCO PRODUCTS, INC. 22 PIONEER AVE. SANFORD, MAINE 04073 (207) 636-5547 FAX: (207) 490-5271	06/27/06 DATE																		
			06-173 DRAWING No	SHEET 7 OF 15																		
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2	-	-	4	-	-																	



TYPICAL ROOF FRAMING PLAN



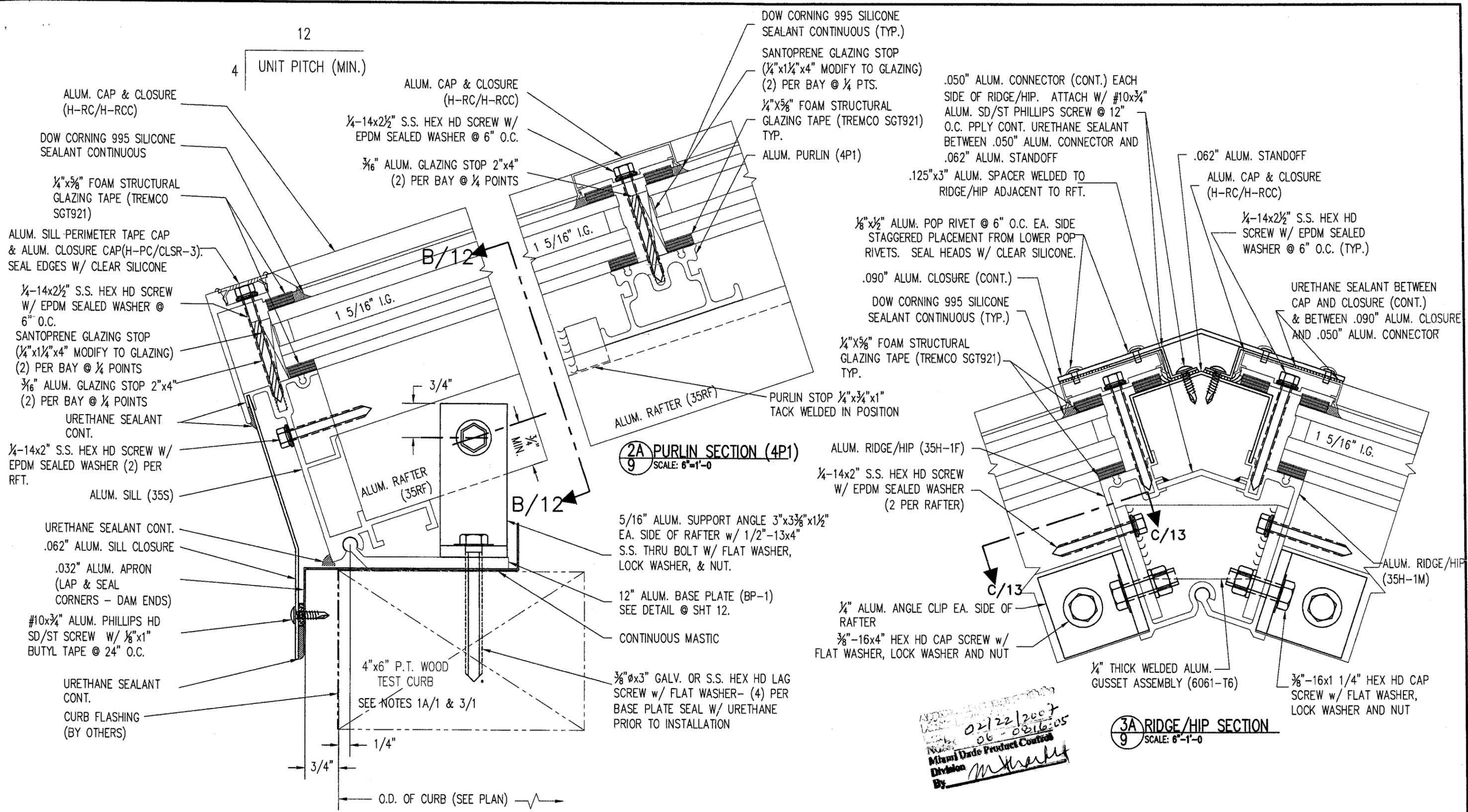
ELEVATION A

SCALE: 1/2"=1'-0"

02/22/2007
 06-2816-05
 Miami Dade Product Control
 Division
 By: *M. Khalil*

INSULATED GLASS CASE
(1 5/16" I.G.)

MIAMI-DADE COUNTY	 P.E. SEAL/SIGNATURE/DATE JAN 15 2007	©2006 TILTECO, INC	FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)	DRAWN BY: I.A. / M.C.V.																		
		 TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33186 Phone: (305)871-1530 Fax: (305)871-1531 EB-0006719 WALTER A. TILLIT Jr., P. E. FLORIDA Lic. # 44167	PINNACLE H.U GABLED SKYLIGHT W/ L.M. IMPACT RESISTANT LAMINATED/ INSULATED GLASS. WASCO PRODUCTS, INC. 22 PIONEER AVE. SANFORD, MAINE 04073 (207) 636-5547 FAX: (207) 490-5271	06/27/06 DATE																		
				06-173 DRAWING No																		
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REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE																	
1	-	-	3	-	-																	
2	-	-	4	-	-																	



2A PURLIN SECTION (4P1)
SCALE: 6"=1'-0"

3A RIDGE/HIP SECTION
SCALE: 6"=1'-0"

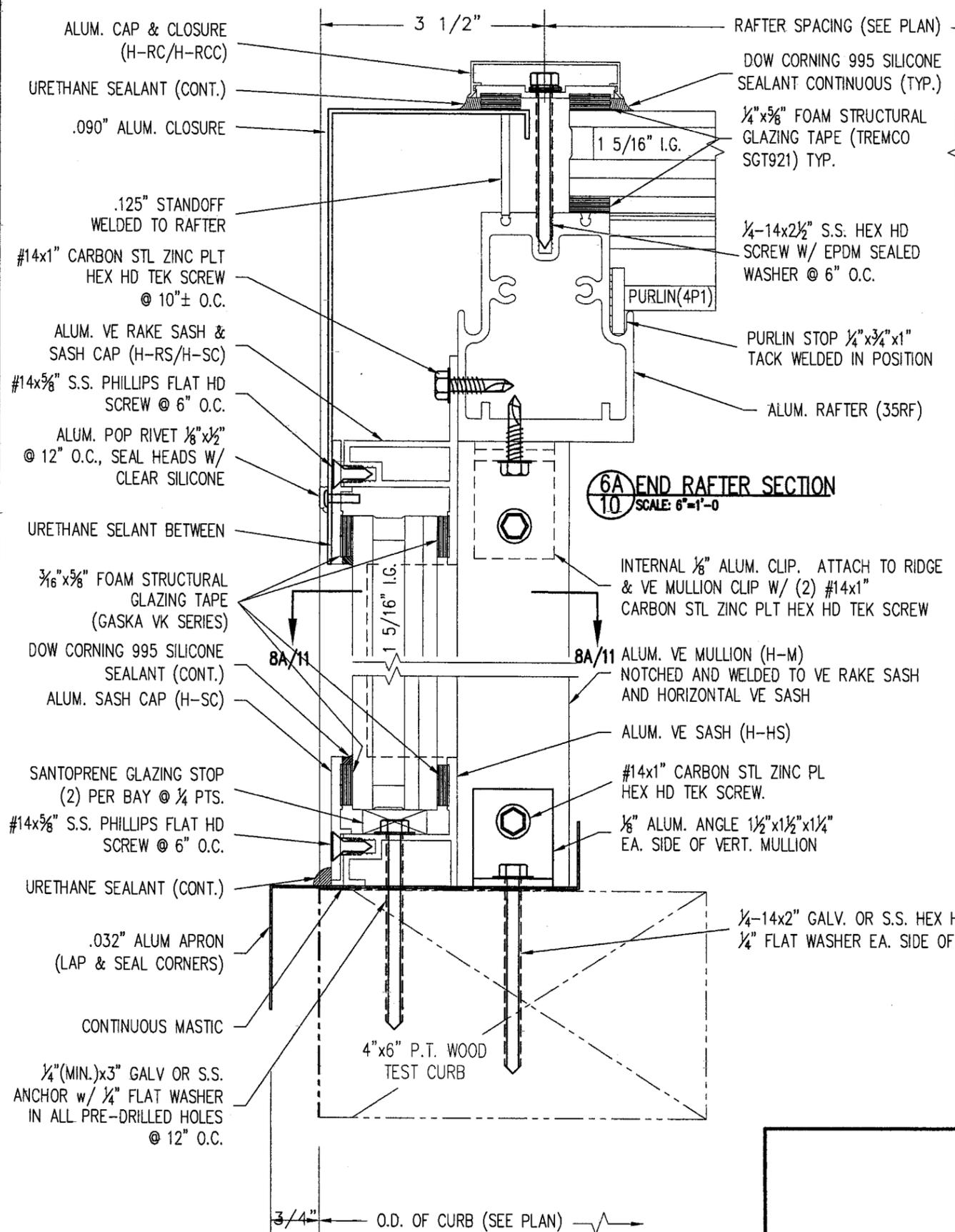
1A SILL SECTION
SCALE: 6"=1'-0"

02/22/2007
06-0816:05
Miami Dade Product Control
Division
By: *M. Kelly*

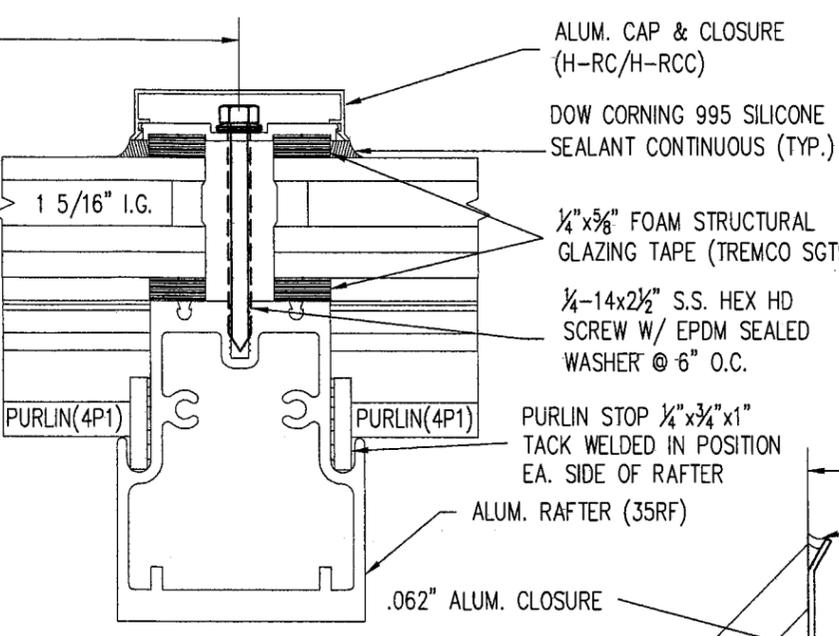
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MIAMI-DADE COUNTY P.E. SEAL/SIGNATURE/DATE JAN 15 2007	©2006 TILTECO, INC. TILTECO INC. TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL 33186 Phone : (305)871-1530 . Fax : (305)871-1531 EB-0006719 WALTER A. TILLIT Jr. P. E. FLORIDA Lic. # 44167	PINNACLE H.U GABLED SKYLIGHT W/ L.M. IMPACT RESISTANT LAMINATED/ INSULATED GLASS.	DRAWN BY: I.A. / M.C.V.
		WASCO PRODUCTS, INC. 22 PIONEER AVE. SANFORD, MAINE 04073 (207) 638-5547 FAX: (207) 490-5271	06/27/06 DATE
		06-173 DRAWING No	SHEET 9 OF 15

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	-	-	3	-	-
2	-	-	4	-	-



6A END RAFTER SECTION
 10 SCALE: 6"=1'-0"



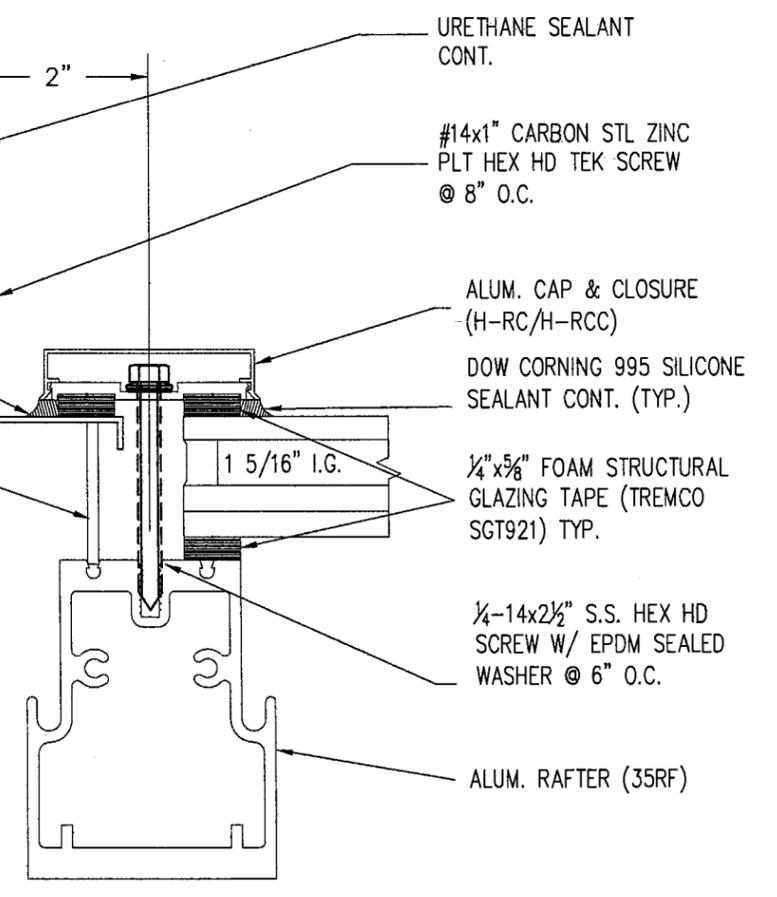
4A RAFTER SECTION
 10 SCALE: 6"=1'-0"

4 RAFTER SECTION (NO PURLIN)
 10 SCALE: 6"=1'-0"

SEE RAFTER TO PURLIN TIE-CLIP CONNECTION DETAILS SHT. 14

SEE TYP. GLAZING DETAIL D-D SHT. 11

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 Date: 02/22/2007
 NOAH 06-0816.05
 Miami Dade Product Control
 By: *M. [Signature]*



5A END RAFTER SECTION @ WALL
 10 SCALE: 6"=1'-0"

7A VERTICAL END SECTION
 10 SCALE: 6"=1'-0"

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

MIAMI-DADE COUNTY	 JAN 15 2007 P.E. SEAL/SIGNATURE/DATE	©2006 TILTECO, INC. TILLIT TESTING & ENGINEERING COMPANY 8355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL. 33166 Phone : (305)871-1530 . Fax : (305)871-1531 EB-0006719 WALTER A. TILLIT Jr. P. E. FLORIDA Lic. # 44167	PINNACLE H.U GABLED SKYLIGHT W/ L.M. IMPACT RESISTANT LAMINATED/ INSULATED GLASS. WASCO PRODUCTS, INC. 22 PIONEER AVE. SANFORD, MAINE 04073 (207) 636-5547 FAX: (207) 490-5271	DRAWN BY: I.A. / M.C.V. 06/27/06 DATE 06-173 DRAWING No SHEET 10 OF 15															
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2	-	-	4	-	-														

.050" ALUM. CONNECTOR (CONT.) EACH SIDE OF RIDGE/HIP.
ATTACH W/ #10x3/4" ALUM. SD/ST PHILLIPS SCREW @ 12" O.C.
APPLY CONT. URETHANE SEALANT BETWEEN .050" ALUM.
CONNECTOR AND .062" ALUM. STANDOFF

.125"x3" ALUM. SPACER WELDED TO
RIDGE/HIP ADJACENT TO RFT.

1/8"x1/2" ALUM. POP RIVET @ 6" O.C. EA. SIDE
STAGGERED PLACEMENT FROM LOWER POP RIVETS.
SEAL HEADS W/ CLEAR SILICONE

DOW CORNING 995 SILICONE
SEALANT CONTINUOUS (TYP.)

1/4"x5/8" FOAM STRUCTURAL
GLAZING TAPE (TREMCO SGT921) TYP.

1/4"-14x2" S.S. HEX HD SCREW
W/ EPDM SEALED WASHER (2)
PER RAFTER (HIP SIM.)

ALUM. RFT. (35RF)

ALUM. RIDGE/HIP (35H-1F)

.062" ALUM. STANDOFF

ALUM. CAP & CLOSURE
(H-RC/H-RCC)

URETHANE SEALANT BETWEEN
CAP AND CLOSURE (CONT.)

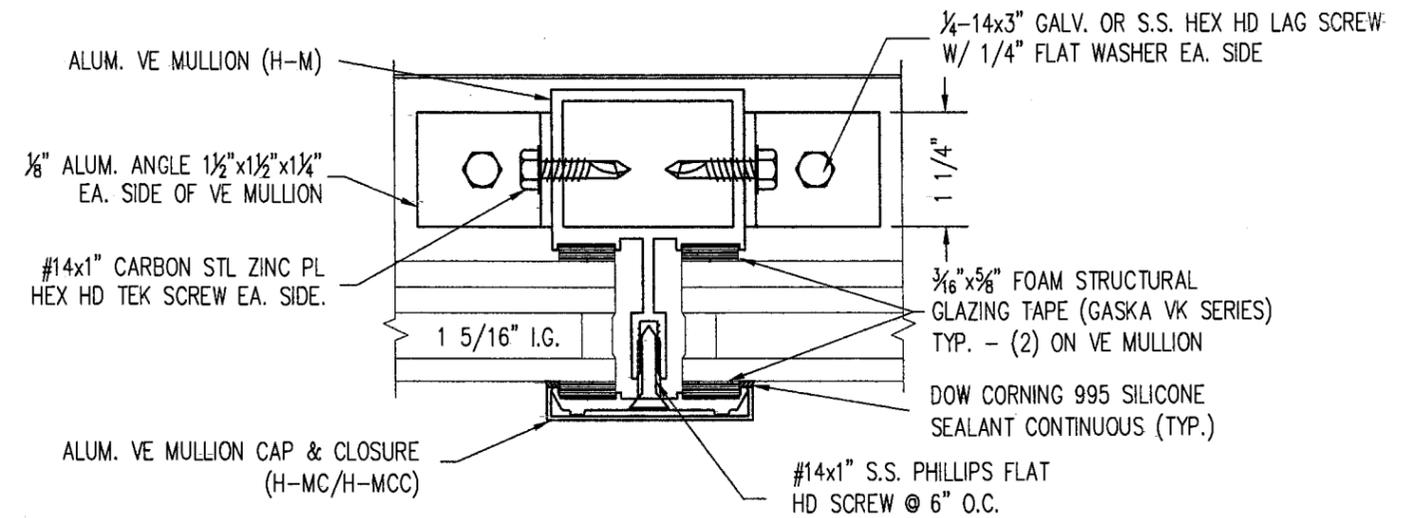
1/4"-14x2 1/2" S.S. HEX HD
SCREW W/ EPDM SEALED
WASHER @ 6" O.C. (TYP.)

1 5/16" I.G.

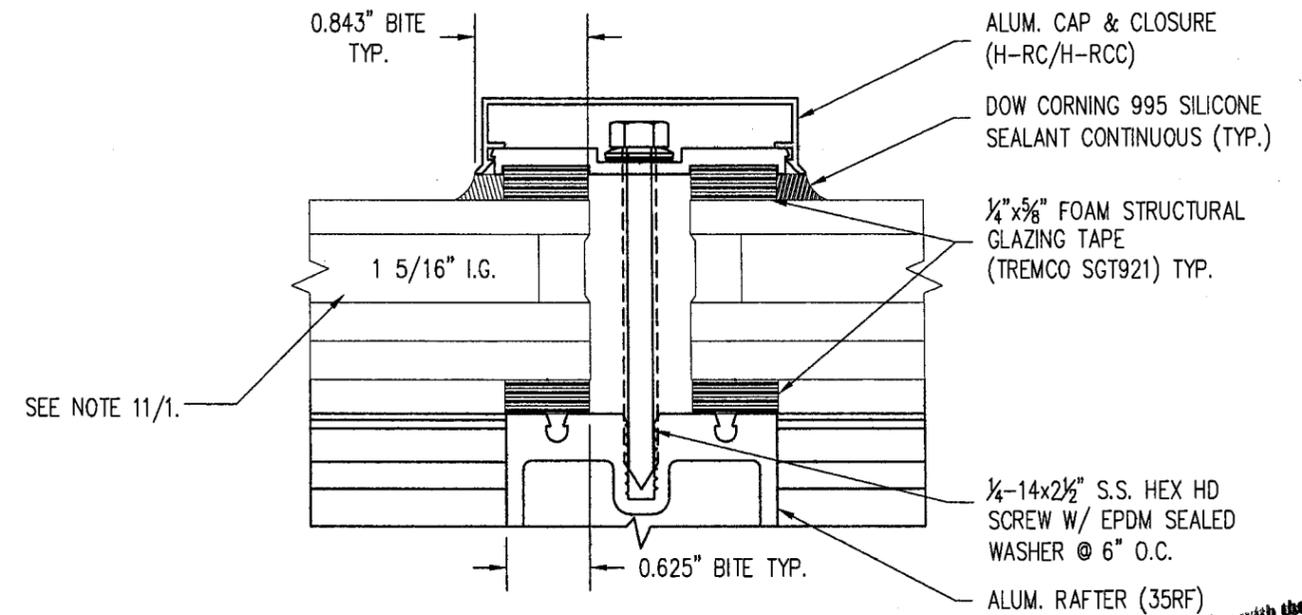
ALUM. RIDGE/HIP
(35H-1M)

1/4" THICK WELDED
ALUM. GUSSET
ASSEMBLY (6061-T6)

3D RIDGE SECTION @ END RAFTERS
SCALE: 6"-1'-0"



8A MULLION SECTION
SCALE: 6"-1'-0"

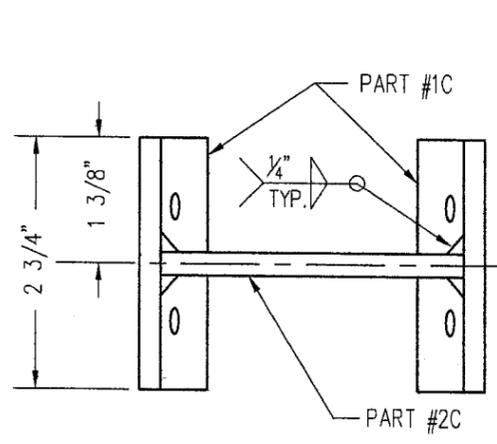


**SECTION D-D
GLAZING DETAIL**
SCALE: NTS

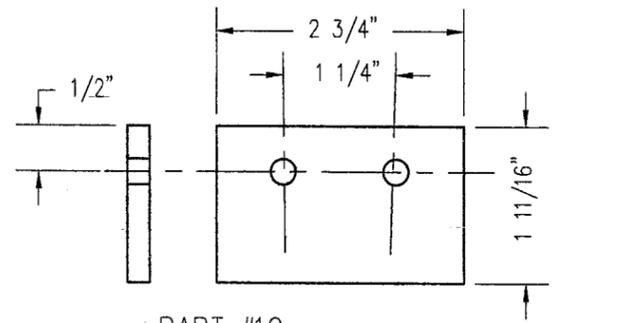
Approved as complying with the
Florida Building Code
Date: 02/22/2007
06-0916.05
Product Control
M. Thayer

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

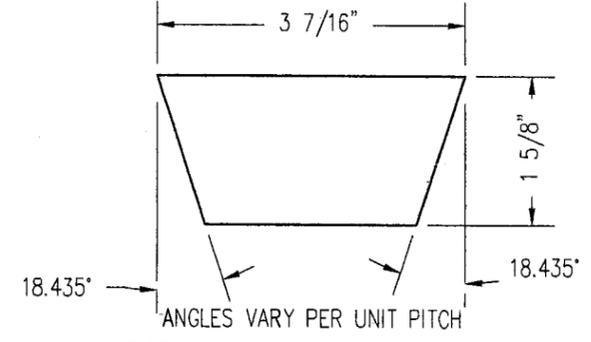
MIAMI-DADE COUNTY	 JAN 15 2007 P.E. SEAL/SIGNATURE/DATE	©2006 TILTECO, INC	PINNACLE H.U GABLED SKYLIGHT W/ L.M. IMPACT RESISTANT LAMINATED/ INSULATED GLASS.	DRAWN BY: I.A. / M.C.V.
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				06-173 DRAWING No
				SHEET 11 OF 15



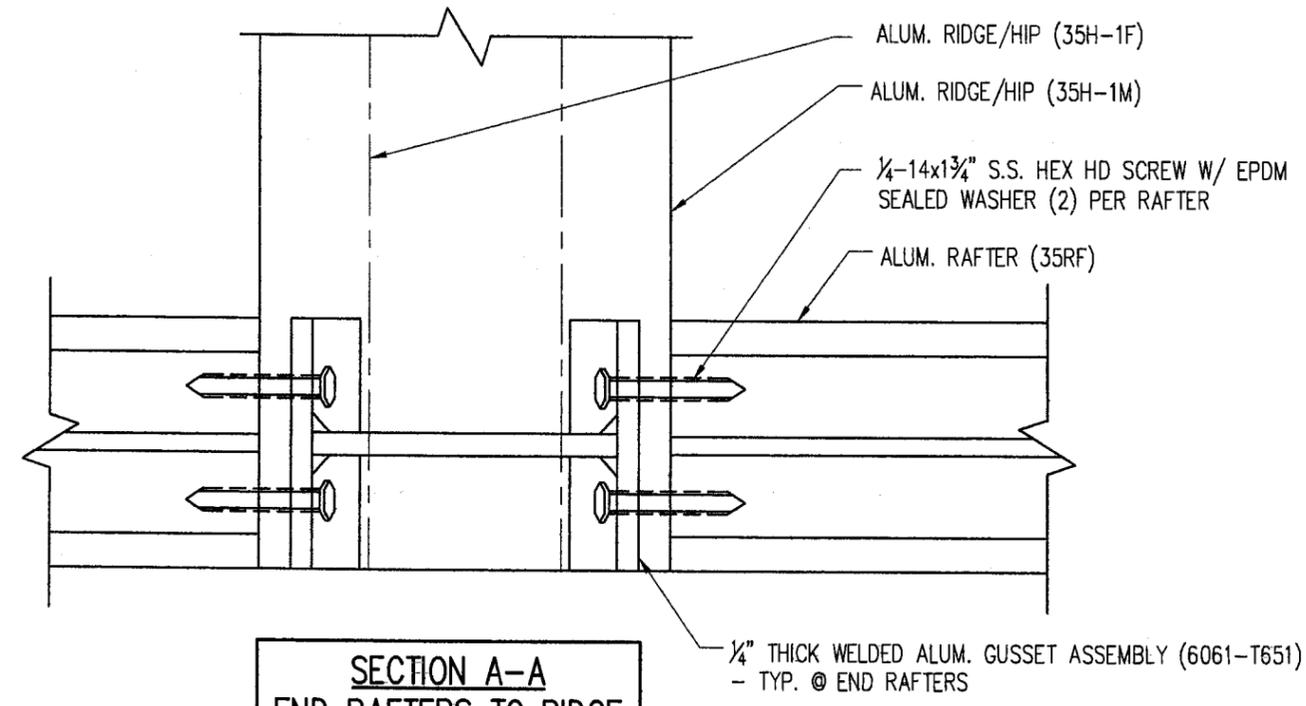
1/4" THICK WELDED ALUM. GUSSET ASSEMBLY
VARIES PER UNIT PITCH



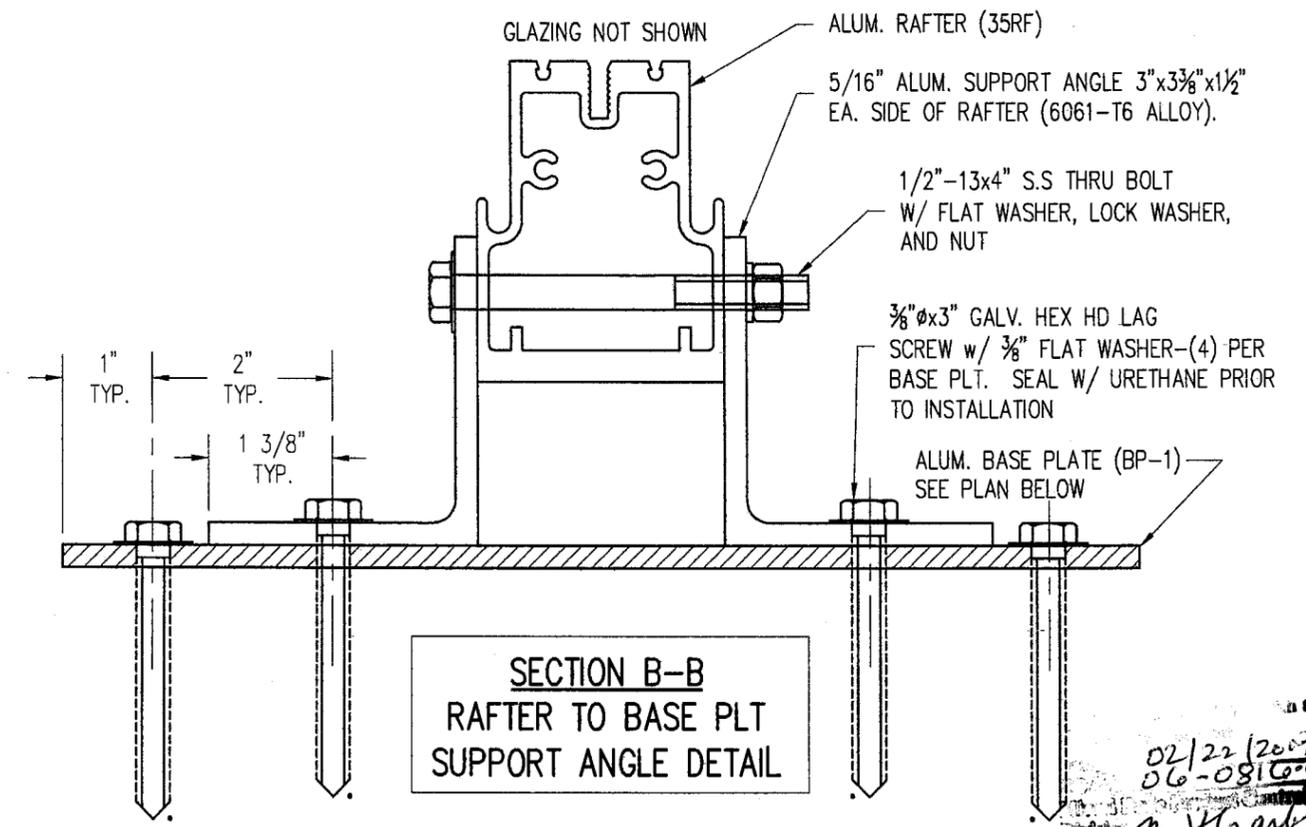
PART #1C
MATERIAL: 1/4" ALUM. 6061-T651



PART #2C
MATERIAL: 1/4" ALUM. 6061-T651

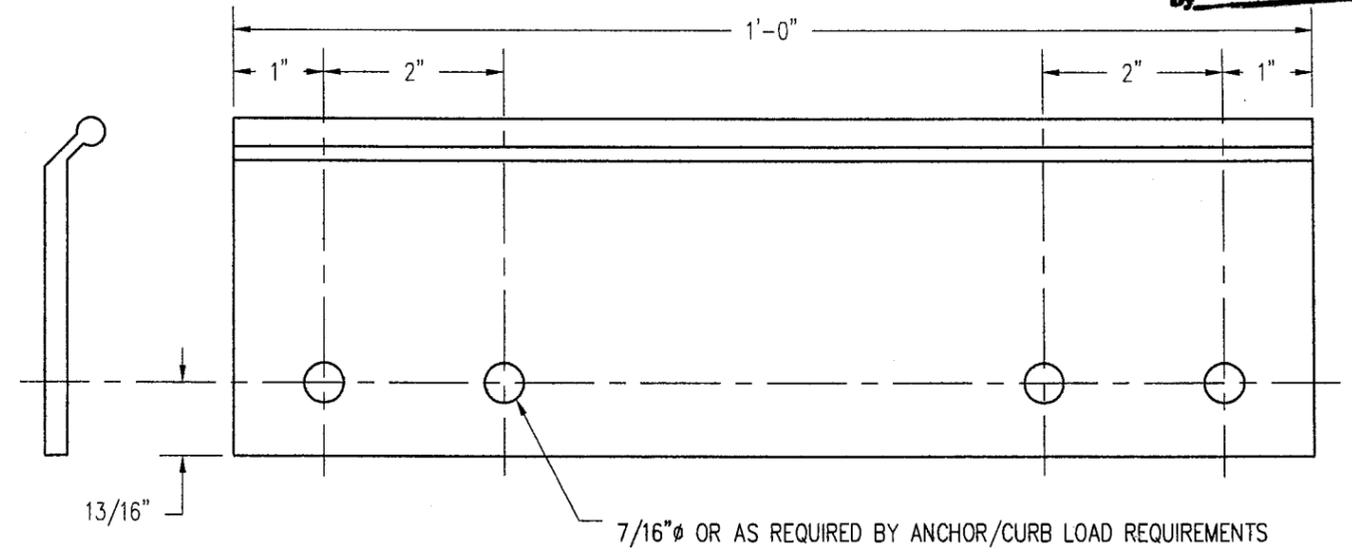


SECTION A-A
END RAFTERS TO RIDGE
CONNECTION DETAIL



SECTION B-B
RAFTER TO BASE PLT
SUPPORT ANGLE DETAIL

02/22/2007
06-0810-05
By: *M. Khan*



FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

MIAMI-DADE COUNTY

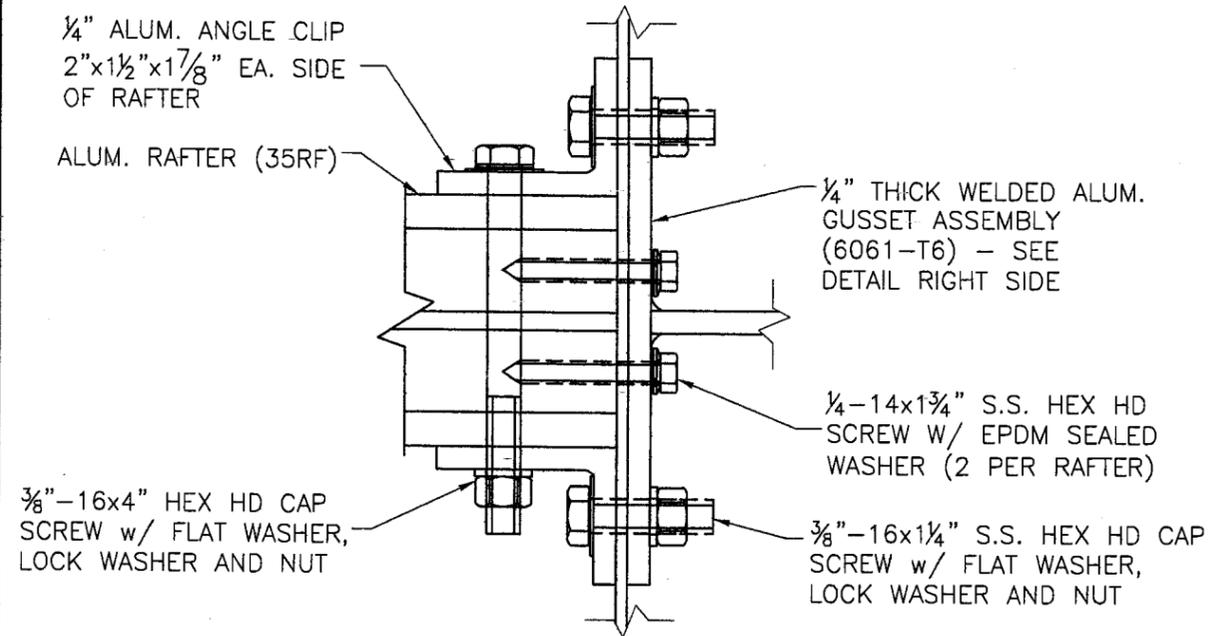
[Signature]
JAN 15 2007
P.E. SEAL/SIGNATURE/DATE

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TILTECO inc.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL 33166
Phone : (305)871-1530 . Fax : (305)871-1531
EB-0006719
WALTER A. TILLIT Jr. P. E.
FLORIDA Lic. # 44167

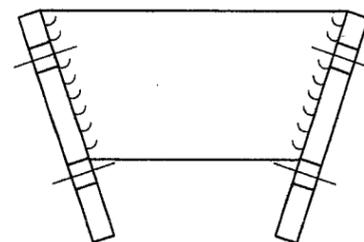
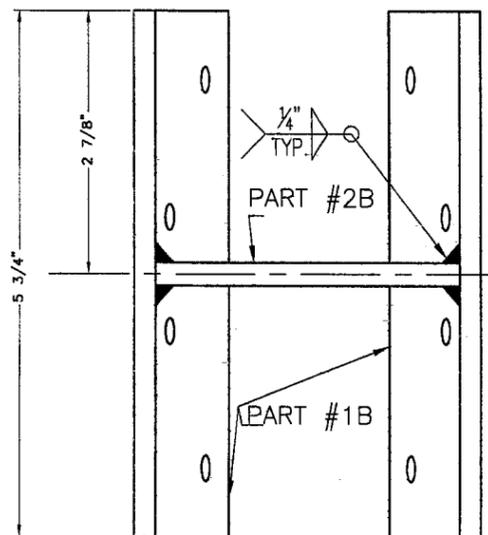
PINNACLE H.U GABLED SKYLIGHT W/ L.M. IMPACT RESISTANT LAMINATED/ INSULATED GLASS.
WASCO PRODUCTS, INC.
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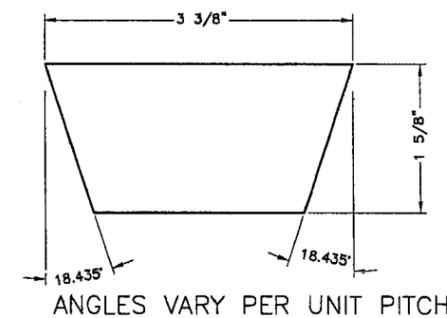
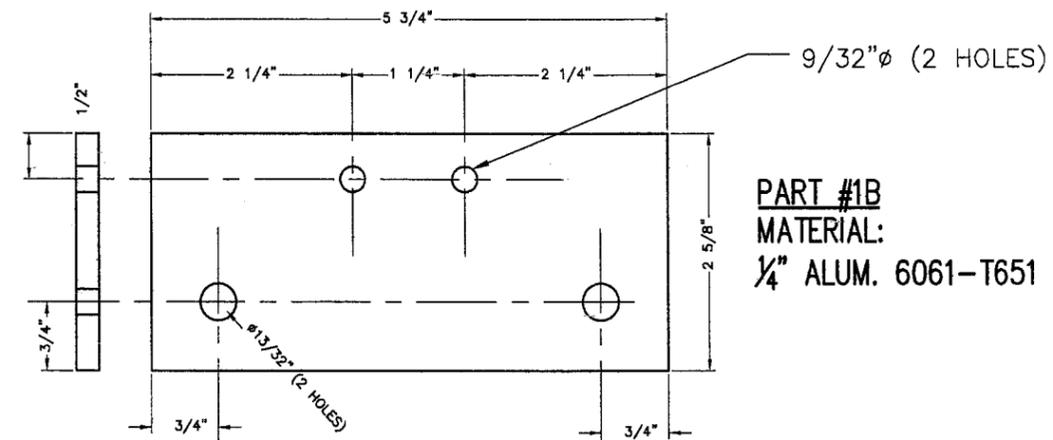
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I.A. / M.C.V.
06/27/06
DATE
06-173
DRAWING No
SHEET 12 OF 15



**SECTION C-C
CENTER RAFTER CONNECTION
DETAIL**



1/4" THICK WELDED ALUM. GUSSET ASSEMBLY

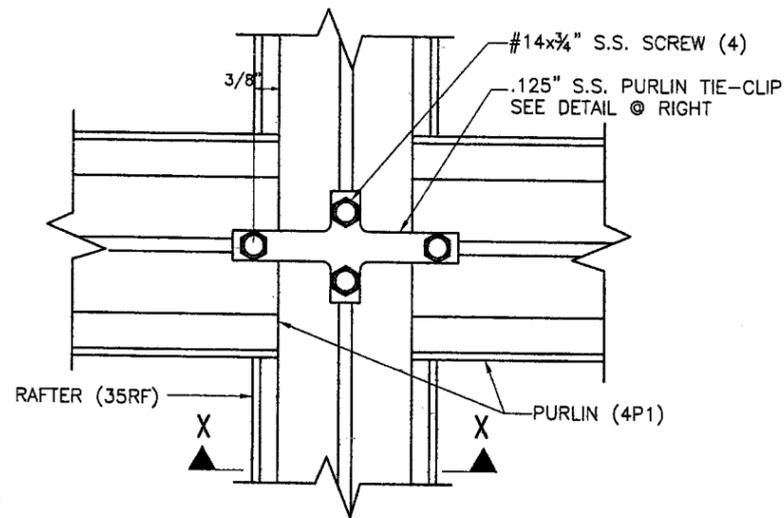


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Date: 02/22/2007
NOA# 06-0816-05
Miami Dade Product Control
Division
By: *M. Frank*

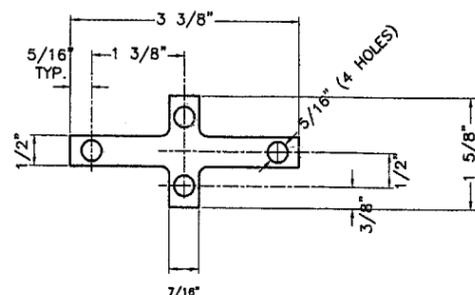
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				06-173 DRAWING No
				SHEET 13 OF 15

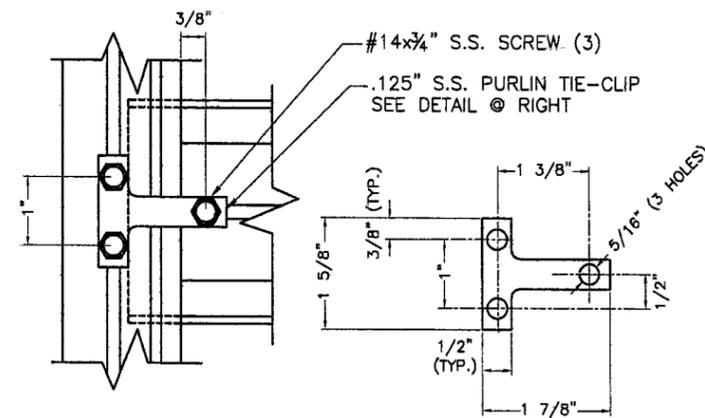
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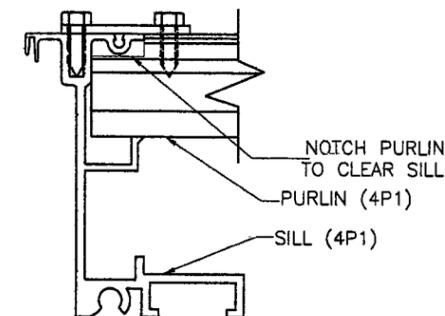
RAFTER TO PURLIN CONNECTION (PLAN)



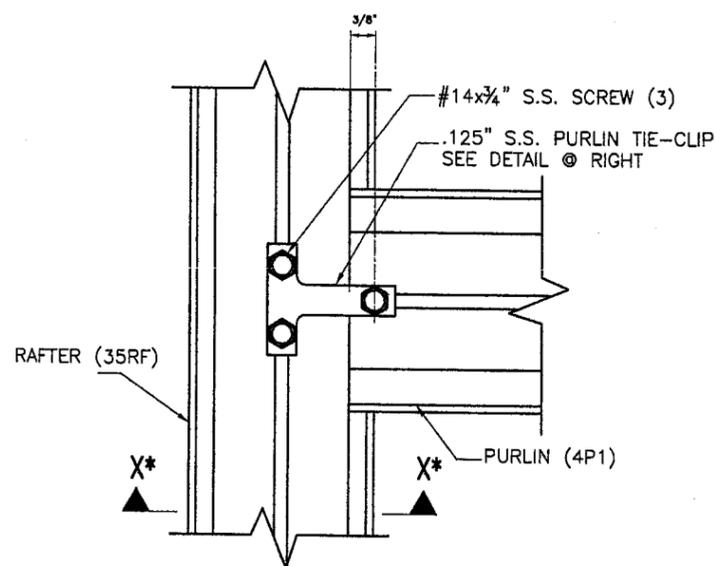
PURLIN TIE-CLIP (RAFTER TO PURLIN), 1/8" THICK (AISI 304 STAINLESS STEEL)



PURLIN TIE-CLIP (SILL & END RAFTER TO PURLIN) (AISI 304 STAINLESS STEEL)

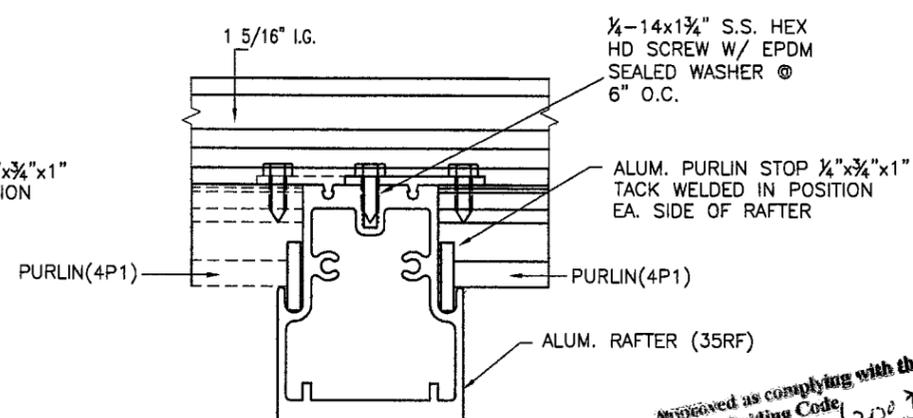
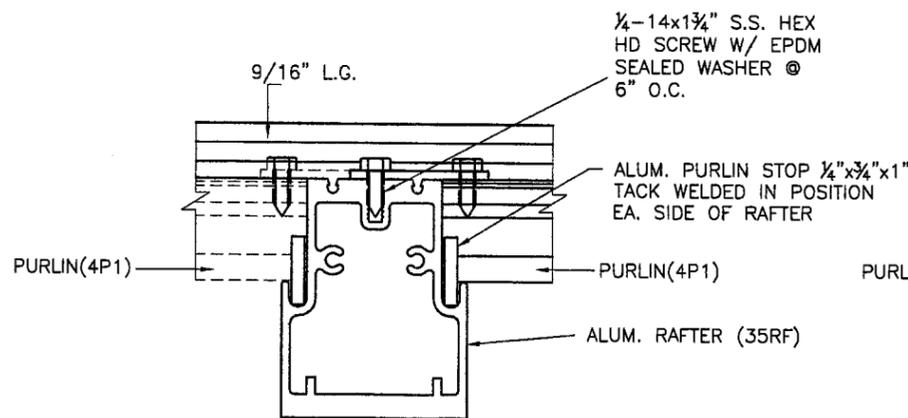


PURLIN TIE-CLIP (SILL TO PURLIN - TYP. SINGLE PITCH UNITS) (AISI 304 STAINLESS STEEL)



END RAFTER TO PURLIN CONNECTION (PLAN)

* SIMILAR ONE DIRECTION ONLY.

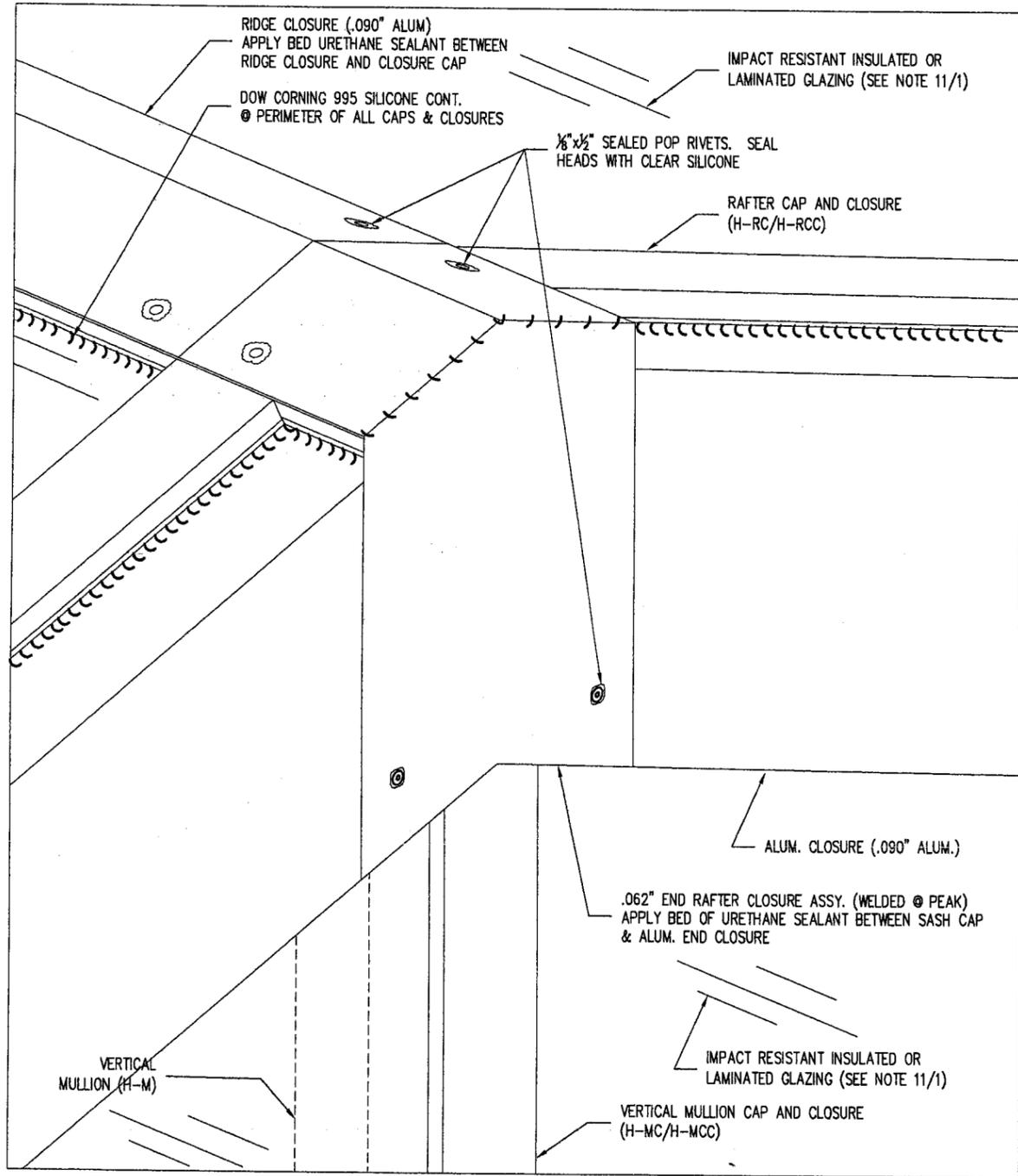


SECTION X-X (L.G. & I.G.)

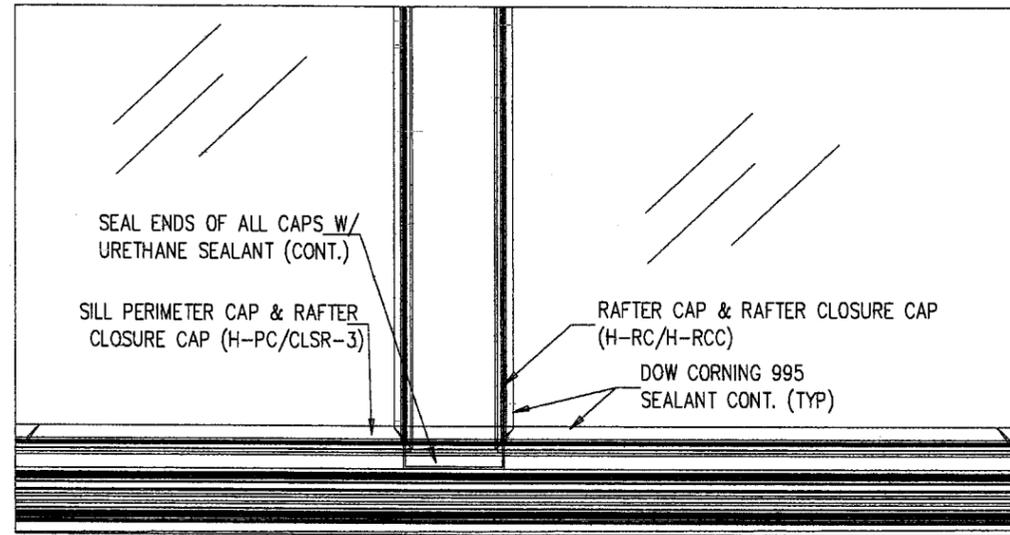
Approved as complying with the Florida Building Code
 Date: 02/22/2007
 NOA#: 06-0810-05
 Miami Dade Product Control
 Division: *[Signature]*
 By: *[Signature]*

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

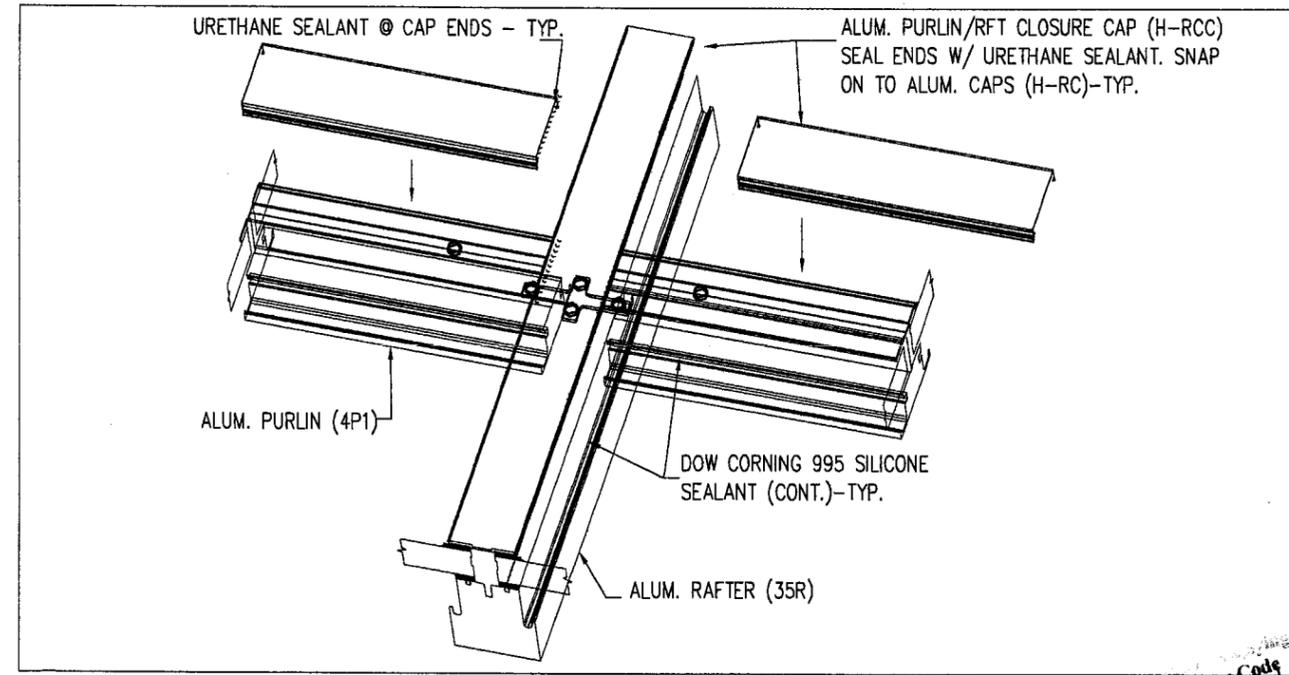
MIAMI-DADE COUNTY	 JAN 15 2007 P.E. SEAL/SIGNATURE/DATE	©2006 TILTECO, INC. TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone: (305)871-1530 Fax: (305)871-1531 EB-0006719 WALTER A. TILLIT Jr., P. E. FLORIDA Lic. # 44167	PINNACLE H.U GABLED SKYLIGHT W/ L.M. IMPACT RESISTANT LAMINATED/ INSULATED GLASS.	DRAWN BY: I.A. / M.C.V.																		
			WASCO PRODUCTS, INC. 22 PIONEER AVE. SANFORD, MAINE 04073 (207) 636-5547 FAX: (207) 490-5271	06/27/06 DATE 06-173 DRAWING No																		
			<table border="1"> <thead> <tr> <th>REV. No</th> <th>DESCRIPTION</th> <th>DATE</th> <th>REV. No</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>-</td> <td>-</td> <td>3</td> <td>-</td> <td>-</td> </tr> <tr> <td>2</td> <td>-</td> <td>-</td> <td>4</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	1	-	-	3	-	-	2	-	-	4	-	-	SHEET 14 OF 15
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE																	
1	-	-	3	-	-																	
2	-	-	4	-	-																	



END RAFTER CLOSURE DETAIL
SCALE: 6" = 1'-0"



TYP. SEALANT DETAIL AT SILL/RAFTER
SIMILAR AT RAFTER TO RIDGE CAP/CLOSURE CONNECTIONS
SCALE: NTS



TYP. SEALANT DETAIL AT PURLIN/RAFTER
SCALE: NTS

Approved by the
Florida Building Code
Date: 02/22/2007
MOA: 06-0810-05
Miami Dade Product Control
Division
By: *M. Walsh*

MIAMI-DADE COUNTY

[Signature]
JAN 15 2007
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