



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) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buildingcode

Alcan Composites USA, Inc.
P.O. Box 507
208 West 5th Street.
Benton, KY 42025

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: Alucobond Plus Aluminum Panel

APPROVAL DOCUMENT: Drawing No. **ALUPLUS-1**, titled "Dade Co. Alucobond Plus", sheets 1 through 4 of 4, dated 01/27/09, 09/12/08 and 09/16/08, prepared by Alcan Composites USA, Inc, signed and sealed by Allen N. Reeves, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration 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 **revises NOA # 06-0308.04** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

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



[Handwritten Signature]
 3/9/09

NOA No. 08-1210.09
Expiration Date: December 14, 2010
Approval Date: April 1, 2009
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **ALUPLUS-1** titled "Dade Co. Alucobond Plus", sheets 1 through 4 of 4, dated 01/27/09, 09/12/08 and 09/16/08, prepared by Alcan Composites USA, Inc, signed and sealed by Allen N. Reeves, P.E.

B. TESTS

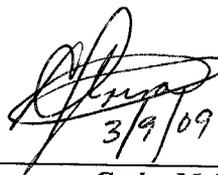
1. Test report on Small Missile Impact test, Cyclic Wind Pressure test and Uniform Static Air Pressure test and Air Infiltration test per PA 201, 202 & 203 on "Alucobond plus Composite Aluminum Panels", prepared by Architectural Testing Inc., Report No. **ATI-02031**, dated 01/02/03, signed and sealed by J. A. Reeves, P.E.
2. Self Ignition Temperature test report per ASTM D-1929 on "Alucobond plus Core Material", prepared by Omega Point Laboratories, Project No. **15632-108671**, dated 04/13/01, signed by E. L. Schmidt Jr.
3. Surface Burning Characteristic test report per ASTM E-84 on "Polyethylene Compound Core Panel" prepared by Southwest Research Institute, Project No. **01-4510-326b**, dated 03/30/92 and signed by A. B. Wenzel.
4. Time of Burning test report per ASTM D-635 on "Alucobond Plus" prepared by Southwest Research Institute, Project No. **01-2303-393**, dated 09/23/99, signed by A. B. Wenzel.
5. Panel Evaluation test report on "Alucobond Plus Polyethylene Blended Compound Core" prepared by Architectural Testing, Report No. **01-35709.04**, dated 04/07/03, signed and sealed by J. A. Reeves, P.E.
"Submitted under NOA # 05-1102.08"

C. CALCULATIONS

1. Anchoring verification calculations prepared by HR Engineering, Inc, complying with F.B.C 2007, dated 09/03/08, signed and sealed by Allen N. Reeves, P.E.

D. QUALITY ASSURANCE

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



3/9/09

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 08-1210.09
Expiration Date: December 14, 2010
Approval Date: April 1, 2009

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E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of code conformance issued by HR Engineering, Inc, dated 12/26/08, signed and sealed by Allen N. Reeves, P.E.
2. Statement letter of no financial interest issued by HR Engineering, Inc, dated 11/07/08, signed and sealed by Allen N. Reeves, P.E.

G. OTHER

1. Notice of Acceptance No. **06-0308.04**, issued to Alcan Composites USA, Inc, approved on 04/20/06 and expiring on 12/14/10.



3/9/09

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 08-1210.09
Expiration Date: December 14, 2010
Approval Date: April 1, 2009

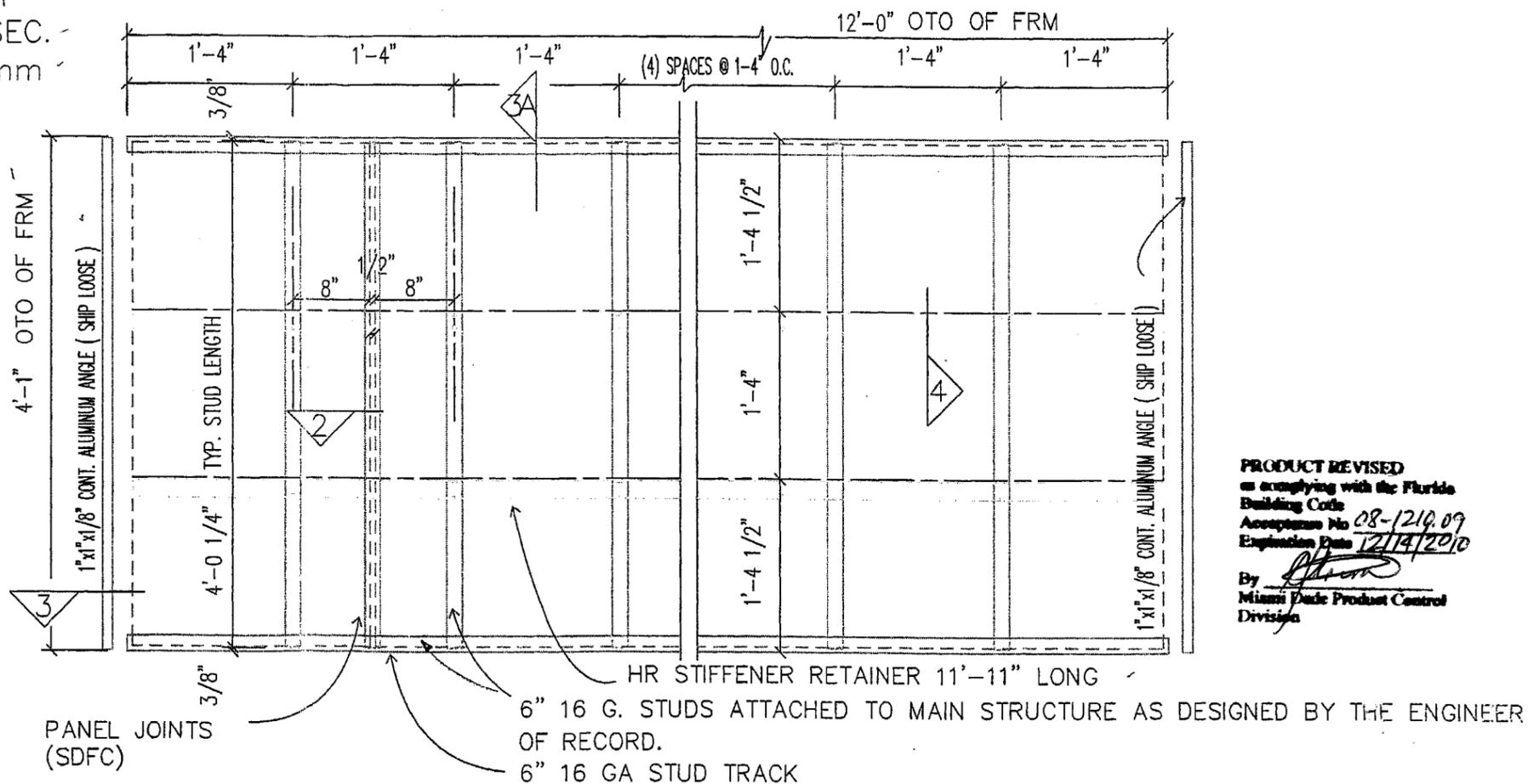
DESCRIPTION:

THIS IS 4mm THICK ALUCOBOND PLUS, NON-FIRE RATED COMPOSITE PANELS CONSISTING OF TWO .020" ALUMINUM FACE SHEETS WITH A PE COMPOUND CORE. PANEL EDGES ARE FOLDED OVER AND THE FOLDED CORNERS ARE REINFORCED WITH .035" THICK ALUMINUM CORNER ANGLES WHICH ARE ATTACHED WITH #10 X 3/4" SHEET METAL SCREWS. ATTACHMENT SYSTEM BY: JOHN W. MCDUGALL CO., NASHVILLE, TN.

DESIGN PRESSURE RATING
+153.3 PSF - 153.3 PSF
SMALL MISSILE IMPACT RESISTANCE

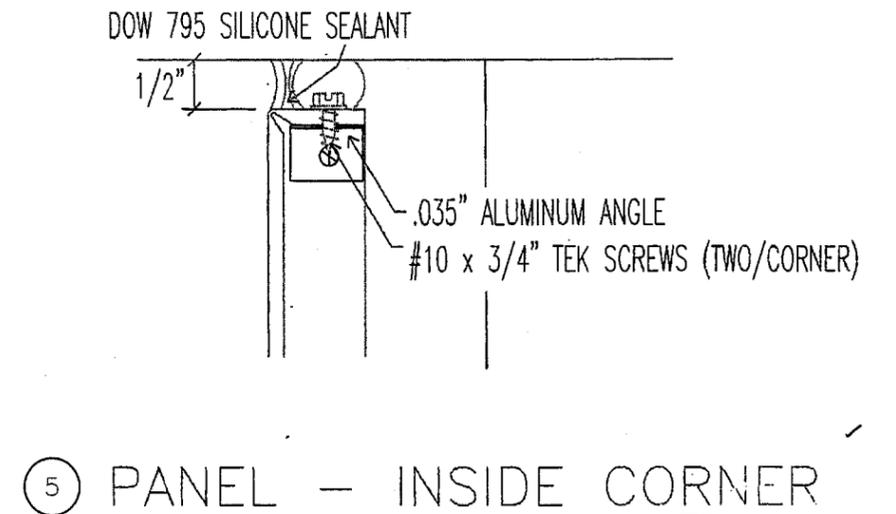
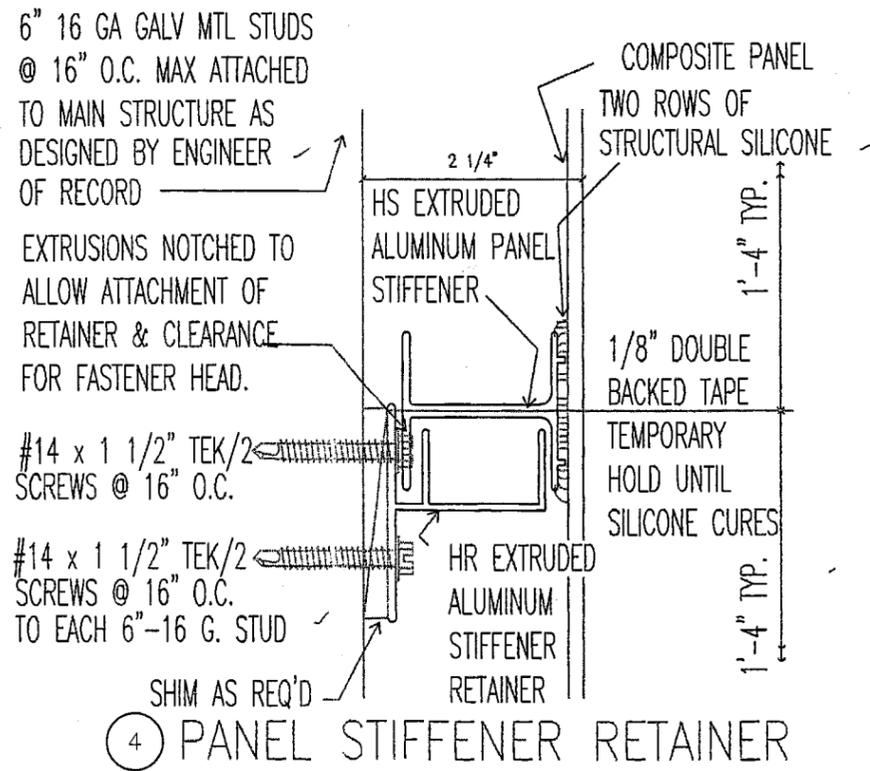
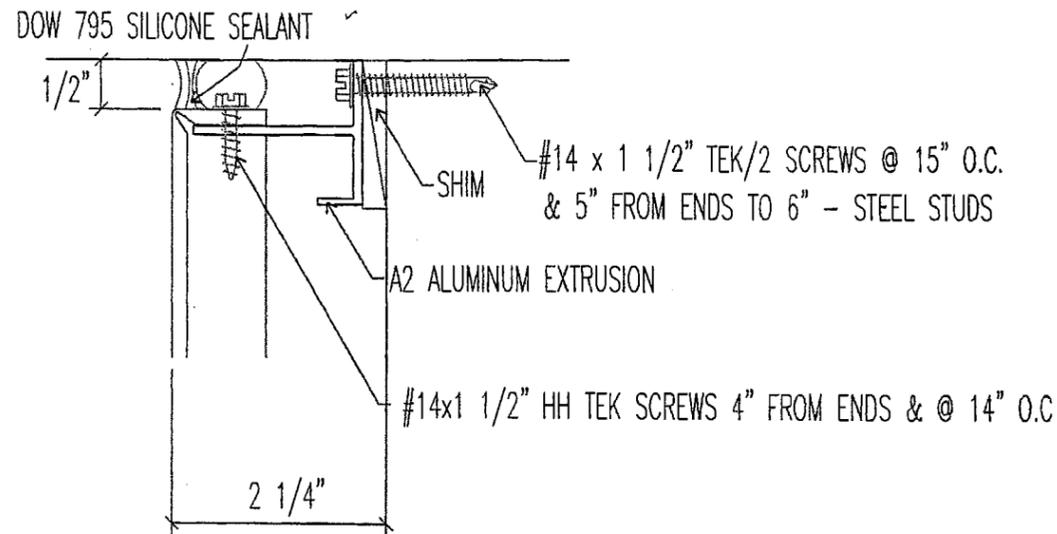
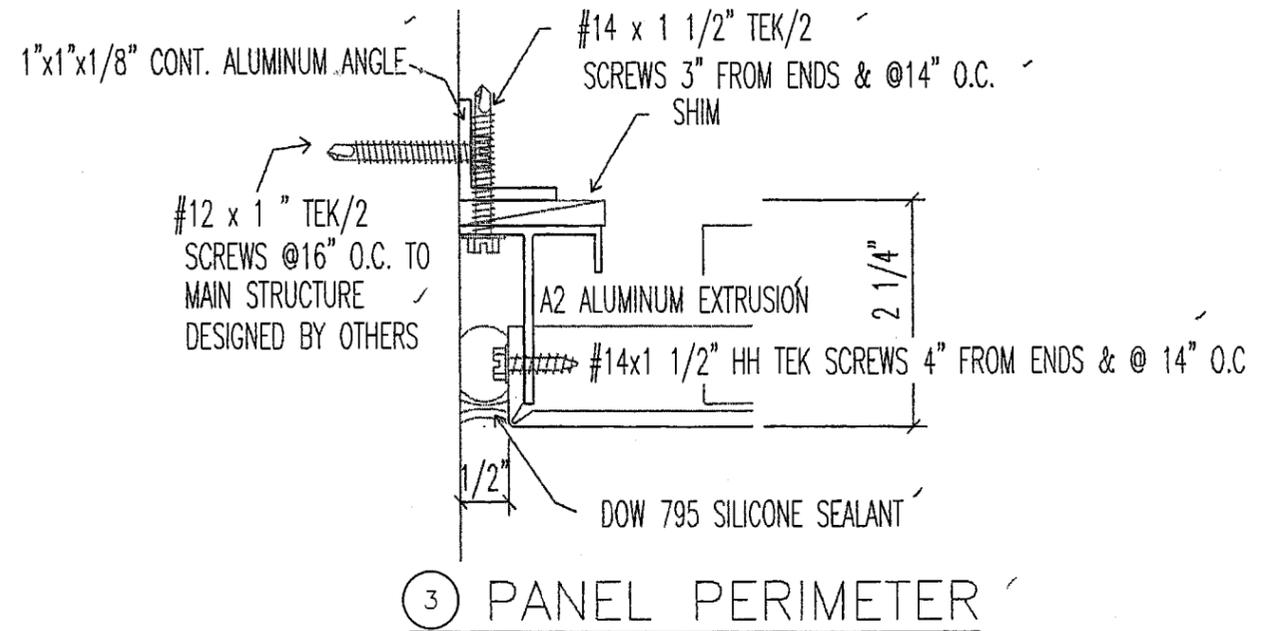
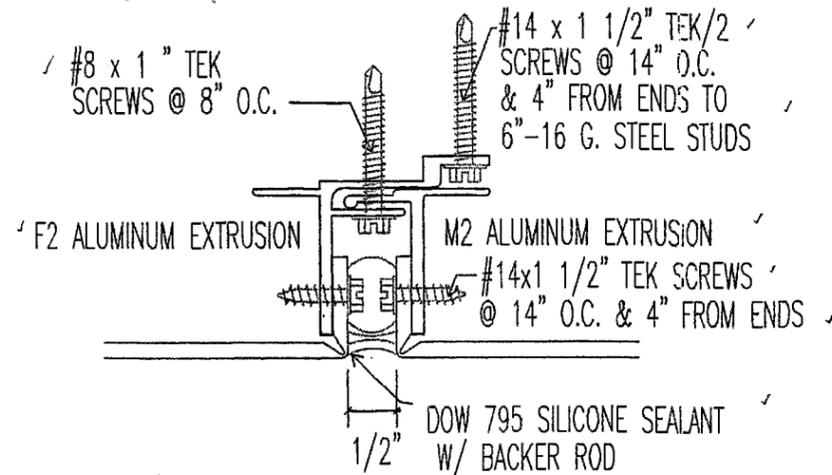
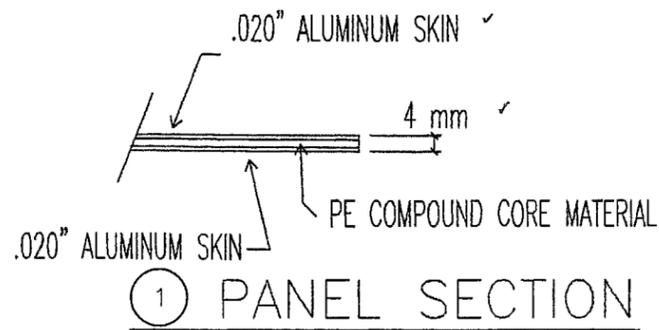
MATERIAL CHARACTERISTICS:

	ASTM TEST	ALUCOBOND PLUS PROPERTIES
1. CORE MATERIAL		
SELF-IGNITION TEMP.	D1929	878DF
FLASH IGNITION TEMP.	D1929	842DF
AVG. TIME OF BURNING	D635	<1 SEC.
AVG. EXT. OF BURNING	D635	<1 mm
FLAME SPREAD INDEX (CORE)	E84	15
SMOKE DEV. INDEX (CORE)	E84	45
2. ALUMINUM SKINS ALUCOBOND PLUS		
THICKNESS	0.02 INCHES	
ALLOY (TYP.)	3000 SERIES-H24	
FINISH (TYP.)	PVDF PAINT	
3. PANEL SIZES ALUCOBOND PLUS		
WIDTH	39.37" (1.00M) TO 62"	
LENGTH	2' to 28'	
THICKNESS	0.16 INCHES (4.00 mm)	



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 08-1219.09
Expiration Date 12/14/2010
By *[Signature]*
Miami Dade Product Control
Division

<i>Allen N. Reeves</i> 18 FEBRUARY 2009	 ALCAN COMPOSITES USA, INC. 208 WEST 5TH STREET BENTON, KY. 42025 270-527-4200		
	TITLE : DADE CO. - ALUCOBOND PLUS ON METAL STUDS		
	DWG NO. : ALUPLUS-1	SHT NO. : 1	DWG DATE : 01-27-09
	ALLEN N. REEVES, P.E. FLORIDA #19354		



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 08-1210.09
Expiration Date 12/14/2010
By *[Signature]*
Miami Dade Product Control
Division

Allen N. Reeves
18 FEBRUARY 2009



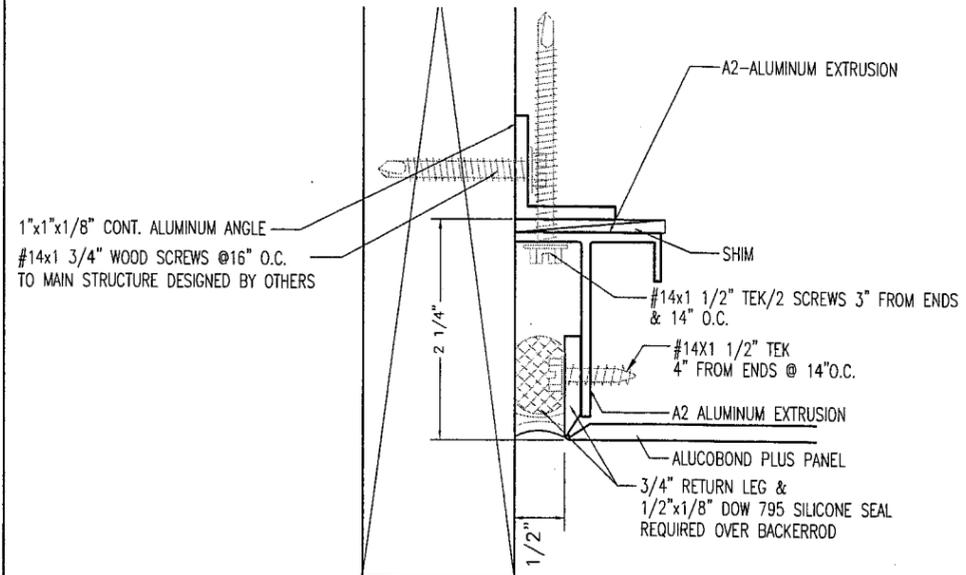
ALCAN COMPOSITES USA, INC.

208 WEST 5TH STREET
BENTON, KY. 42025
270-527-4200

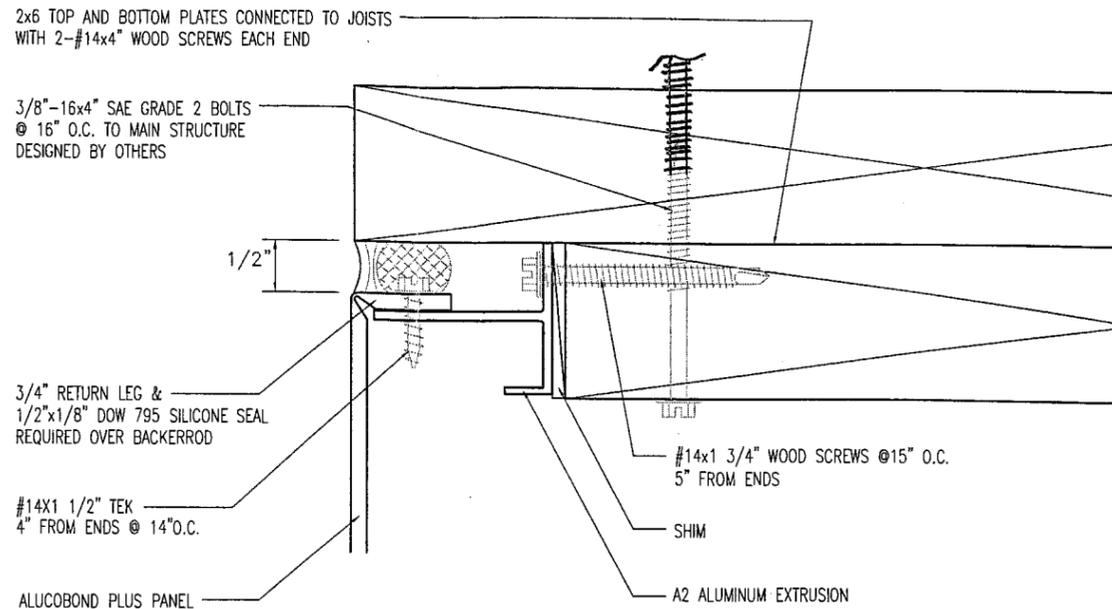
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ON METAL STUDS

DWG NO.: ALUPLUS-1 SHT NO.: 2 DWG DATE: 01-27-09 REV. DATE:

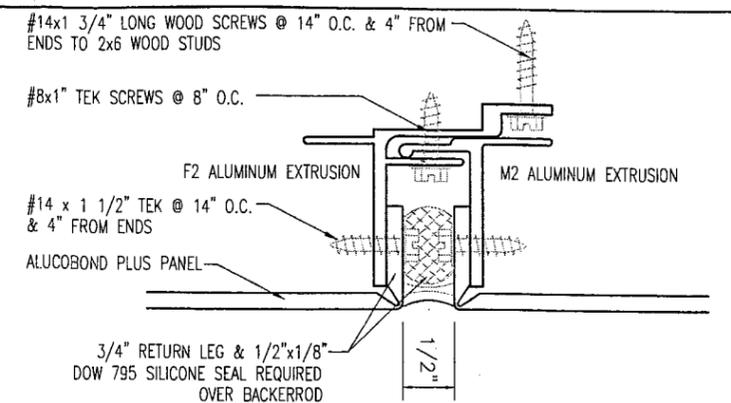
ALLEN N. REEVES, P.E. FLORIDA #19354



8 PERIMETER DETAIL (SIDES)

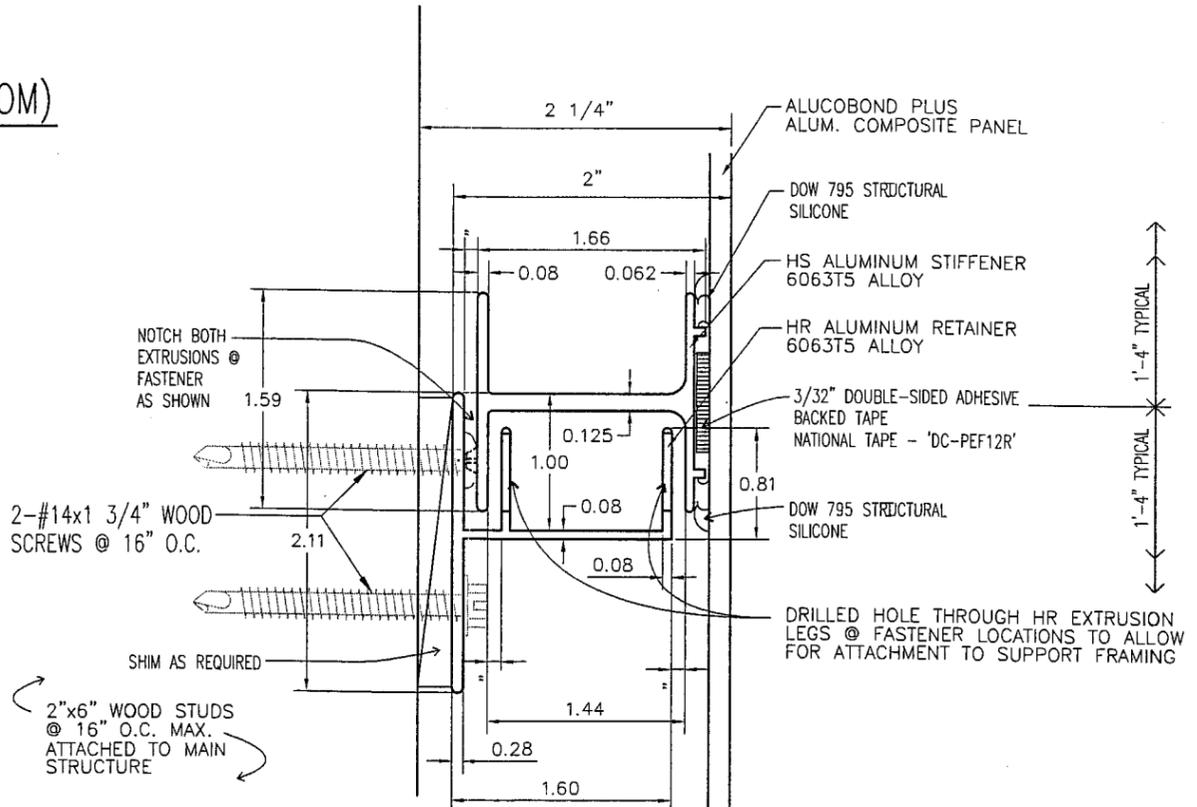
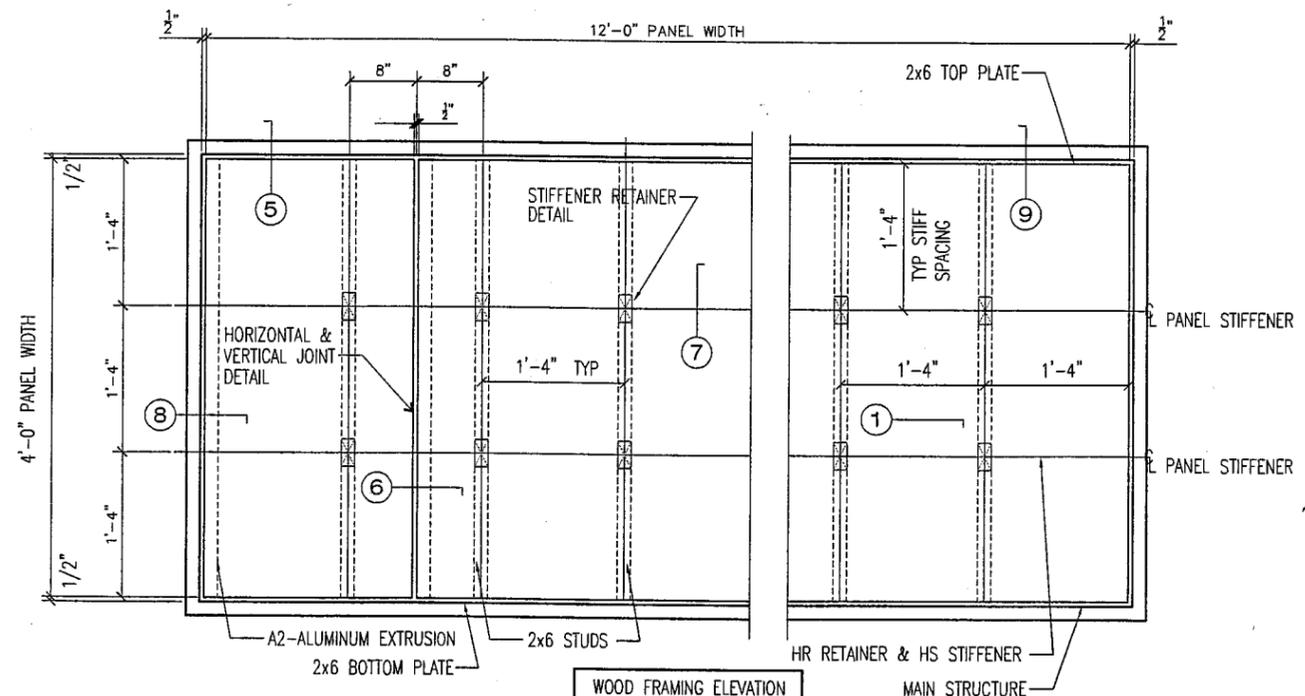


9 PERIMETER DETAIL (TOP & BOTTOM)



6 HORIZONTAL & VERTICAL JT DETAIL

DESIGN PRESSURE RATING
+153.3 PSF - 153.3 PSF
SMALL MISSILE IMPACT RESISTANCE

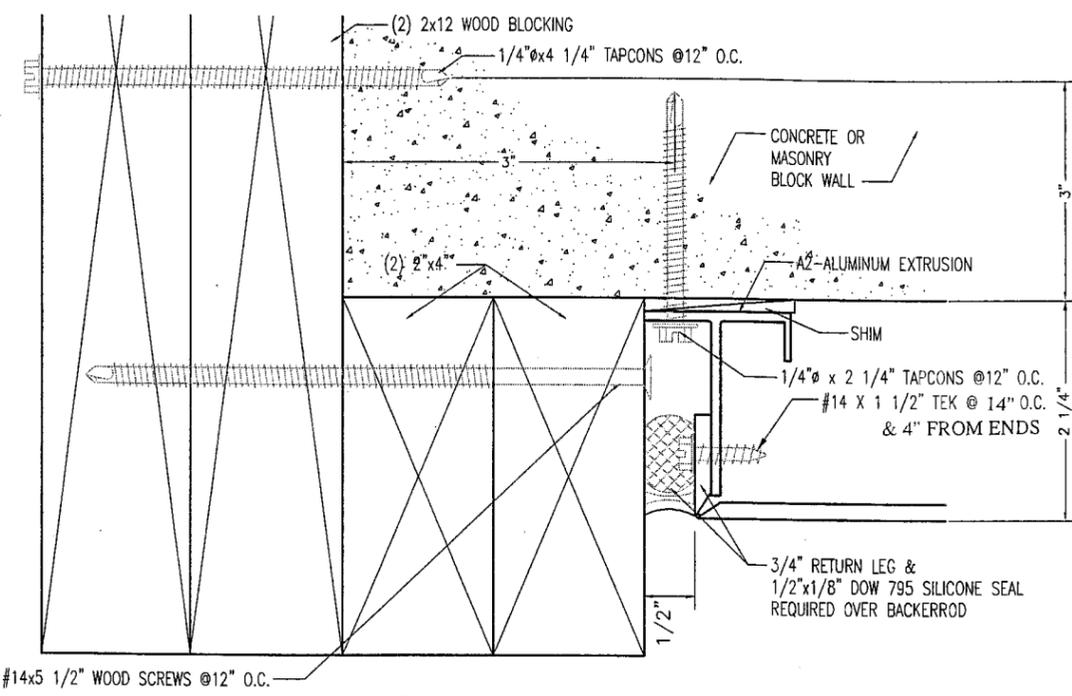


7 STIFFENER RETAINER DETAIL

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 08-1210-09
Expiration Date 12/14/2010
By *[Signature]*
Miami Dade Product Control
Division

Allen N. Reeves
6 NOVEMBER 2008

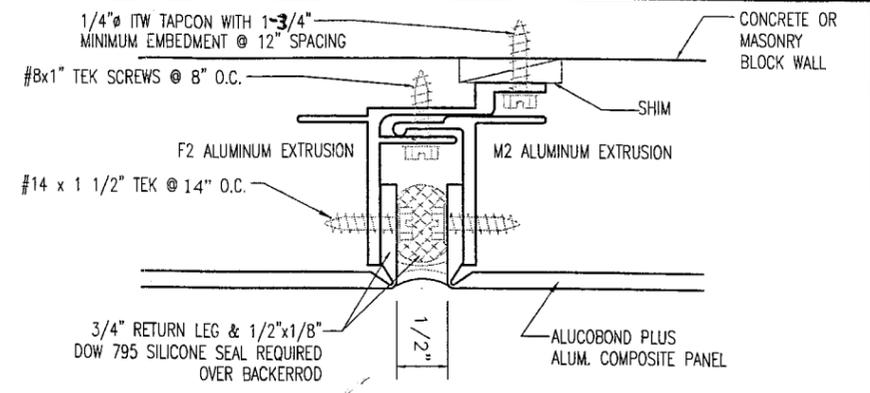
 ALCAN COMPOSITES USA, INC. 208 WEST 5TH STREET BENTON, KY. 42025 270-527-4200			
TITLE :		DADE CO. - ALUCOBOND PLUS ON WOOD STUDS	
DWG NO. :	SHT NO. :	DWG DATE :	REV. DATE :
ALUPLUS-1	3	09-12-08	
ALLEN N. REEVES, P.E. FLORIDA #19354			



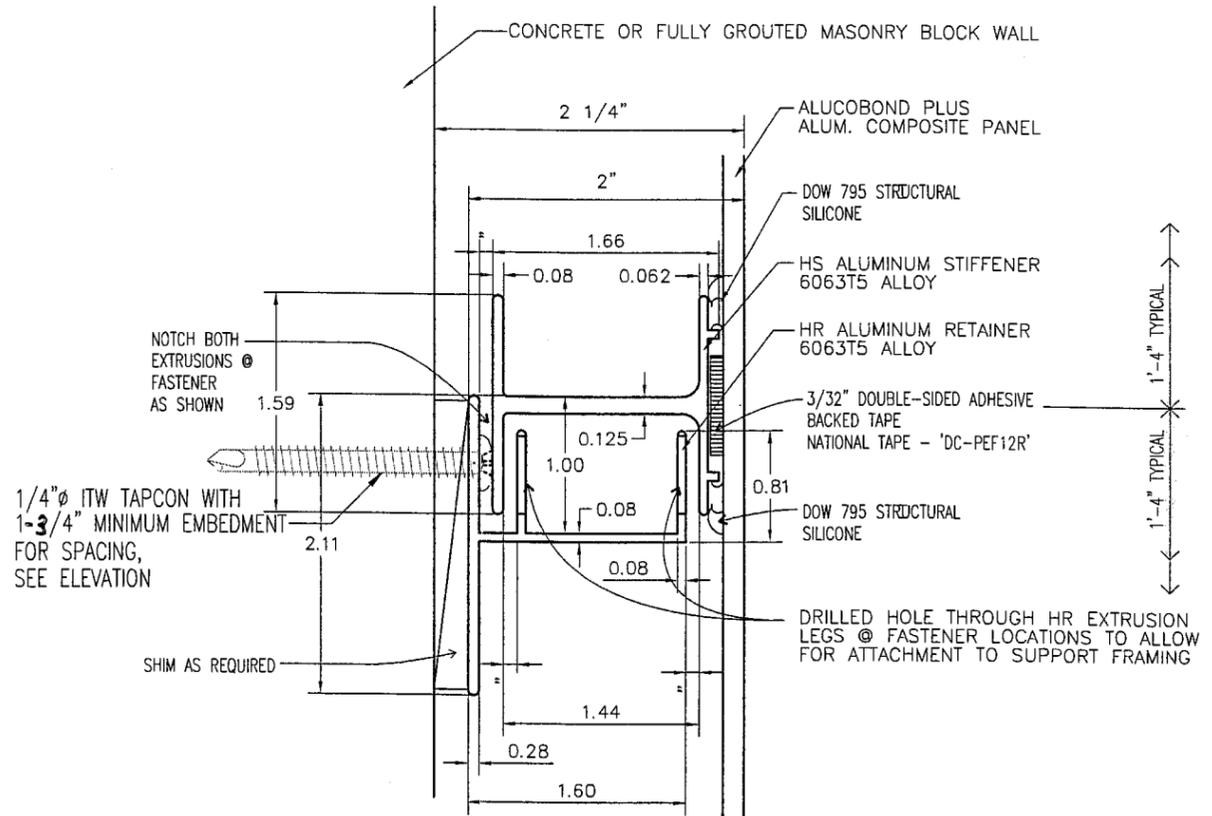
12 PERIMETER DETAIL

DESIGN PRESSURE RATING
 +153.3 PSF - 153.3 PSF
 LARGE MISSILE IMPACT RESISTANCE
 INSTALLED IN FRONT OF CONCRETE
 & FULLY GROUTED MASONRY BLOCK WALLS

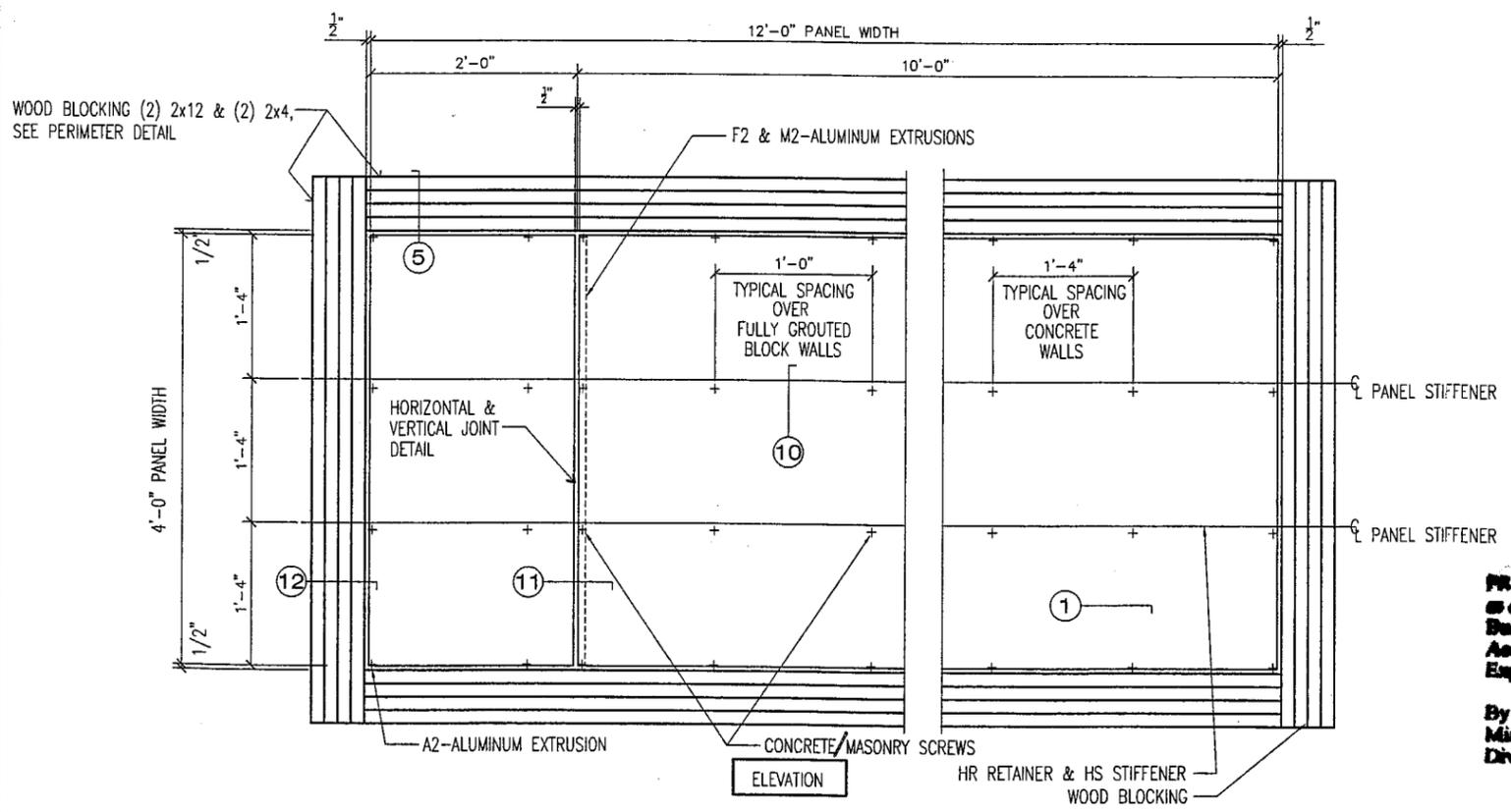
1. CONCRETE IN WALLS TO HAVE MINIMUM $F_c = 3,200\text{psi}$
2. MASONRY BLOCK IN WALLS TO BE ASTM C 90 TYPE.



11 HORIZONTAL & VERTICAL JT DETAIL



10 STIFFENER RETAINER DETAIL



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 08-1210.07
 Expiration Date 12/14/2010
 By *[Signature]*
 Miami Dade Product Control
 Division

Allen N. Reeves
 6 NOVEMBER 2008

ALCAN COMPOSITES USA, INC.			
208 WEST 5TH STREET BENTON, KY. 42025 270-527-4200			
TITLE : DADE CO. - ALUCOBOND PLUS ON CONCRETE OR MASONRY BLOCK			
DWG NO. :	SHT NO. :	DWG DATE :	REV. DATE :
ALUPLUS-1	4	09-16-08	
ALLEN N. REEVES, P.E. FLORIDA #19354			