



**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

[www.miamidade.gov/building/home/asp](http://www.miamidade.gov/building/home/asp)

**NOTICE OF ACCEPTANCE (NOA)**

**3A Composites USA Inc.**  
**P.O. Box 507, 208 West 5<sup>th</sup> 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 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: 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, with revisions dated 11/30/10 and 10/01/10, prepared by 3A Composites USA Inc, signed and sealed by Allen N. Reeves, 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: 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 # 08-1210.09** 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]*  
 01/29/11

NOA No. 10-1101.01  
 Expiration Date: December 14, 2015  
 Approval Date: February 17, 2011  
 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, with revisions dated 11/30/10 and 10/01/10, prepared by 3A Composites USA Inc, signed and sealed by Allen N. Reeves, P.E.

**B. TESTS**

1. Test report on Self Ignition Temperature per ASTM D1929 on "Alucobond Plus Core", prepared by Southwest Research Institute, Project No. **01.16052.01.601**, dated 11/04/10, signed by Barry L. Badders, Jr., P.E.
2. Test report on Surface Burning Characteristics per ASTM E84 on "3-MM Thick Polyethylene Compound with inorganic fillers" prepared by Southwest Research Institute, Project No. **01.16045.01.025**, dated 11/15/10, signed and sealed by Barry L. Badders, Jr., P.E.
3. Test report on Time of Burning per ASTM D635 on "Alucobond Plus Core" prepared by Southwest Research Institute, Project No. **01.16049.04.013**, dated 11/10/10, signed and sealed by Barry L. Badders, Jr., P.E.

*"Submitted under NOA # 08-1210.09"*

4. 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.
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** *"Submitted under NOA # 08-1210.09"*

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.



Carlos M. Utrera, P.E.  
Product Control Examiner  
NOA No. 10-1101.01

Expiration Date: December 14, 2015  
Approval Date: February 17, 2011

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**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. None.

**F. STATEMENTS**

1. Still in business statement issued by HR Engineering, Inc, dated 10/14/10, signed and sealed by Allen N. Reeves, P.E.
2. Statement letter of no financial interest issued by HR Engineering, Inc, dated 10/14/10, signed and sealed by Allen N. Reeves, P.E.

*“Submitted under NOA # 08-1210.09”*

3. Statement letter of code conformance to 2007 FBC, issued by HR Engineering, Inc, dated 12/26/08, signed and sealed by Allen N. Reeves, P.E.
4. 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. OTHERS**

1. Certificate of Amendment from the State of Missouri dated March 19<sup>th</sup>, 2010.
2. Certificate of Amendment of the Certificate of Incorporation of Alcan Composites USA Inc., dated March 15<sup>th</sup>, 2010.



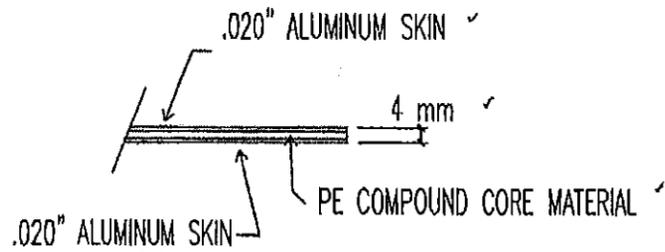
01/24/11

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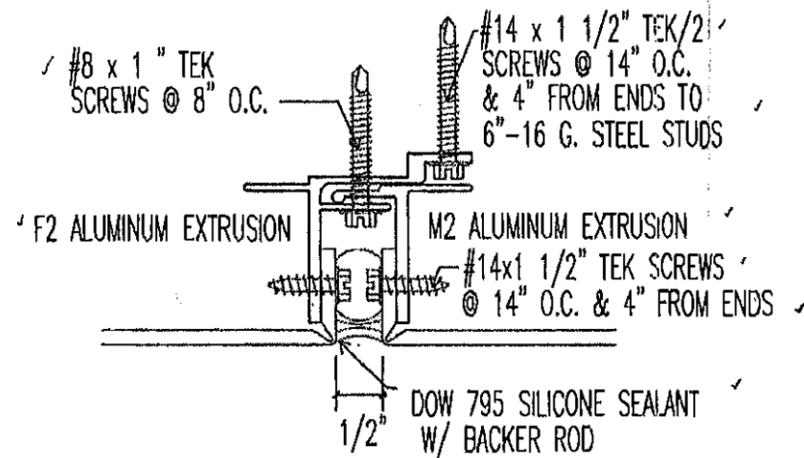
Carlos M. Utrera, P.E.  
Product Control Examiner  
NOA No. 10-1101.01

Expiration Date: December 14, 2015  
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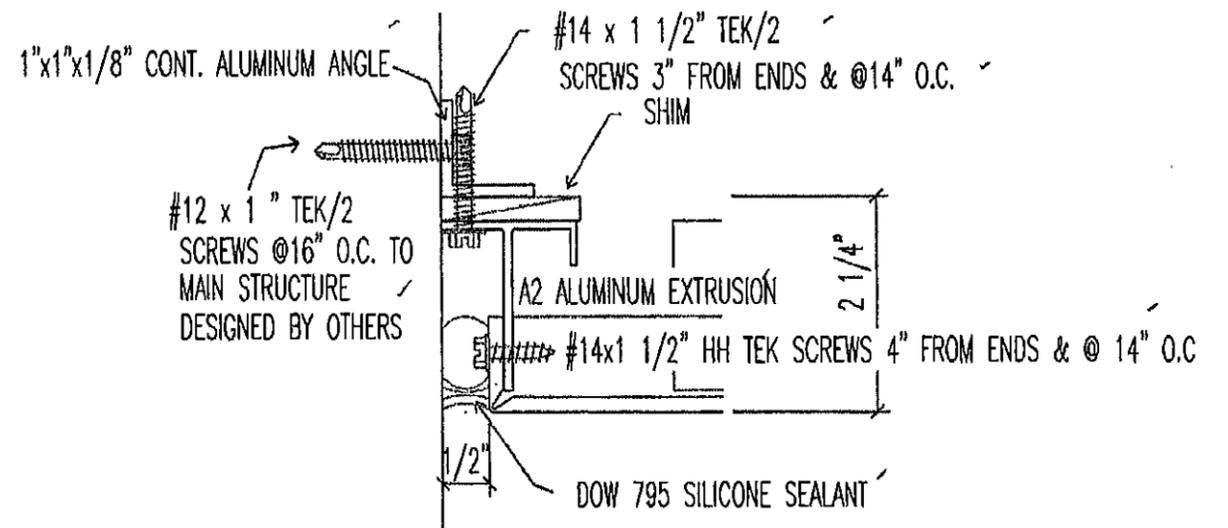




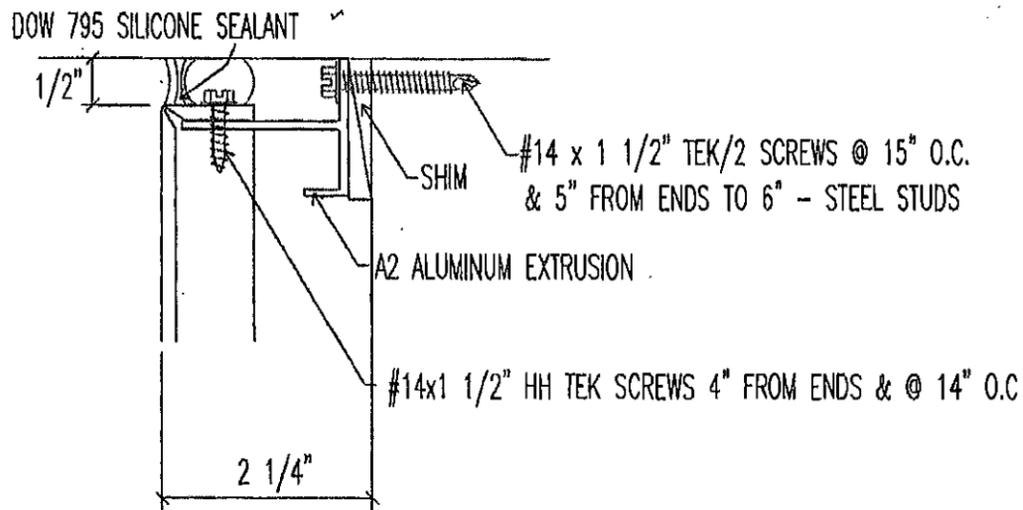
① PANEL SECTION



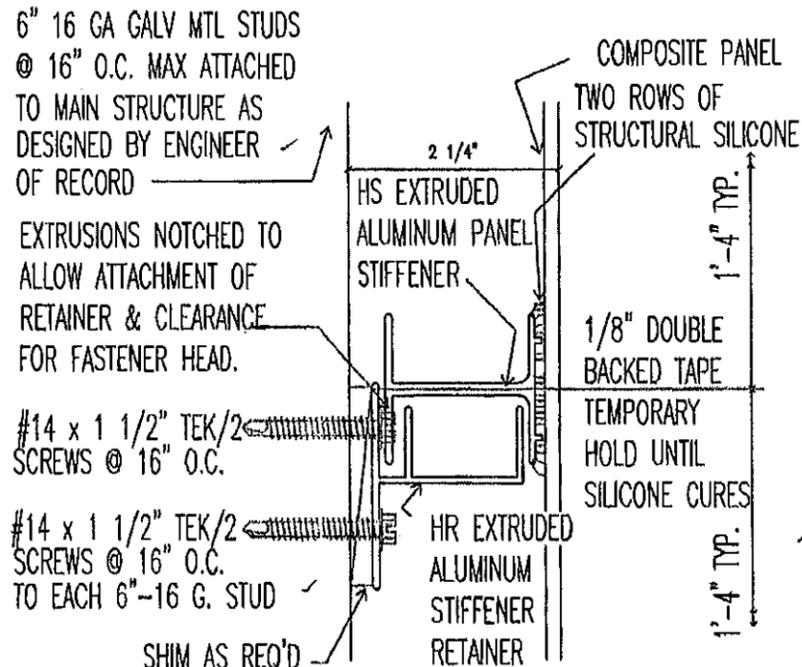
② PANEL JOINTS



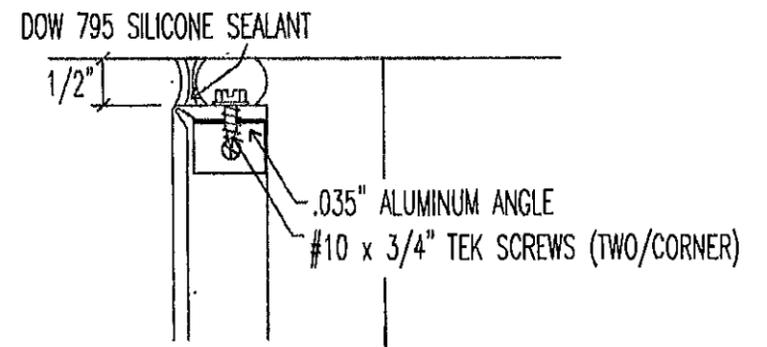
③ PANEL PERIMETER



③a PANEL PERIMETER (TOP & BOTTOM)

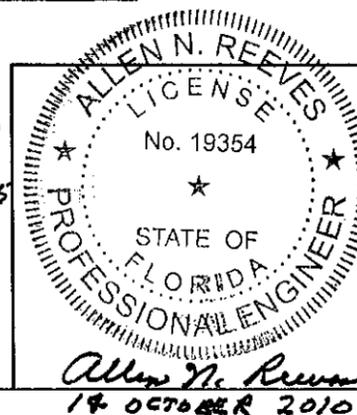


④ PANEL STIFFENER RETAINER

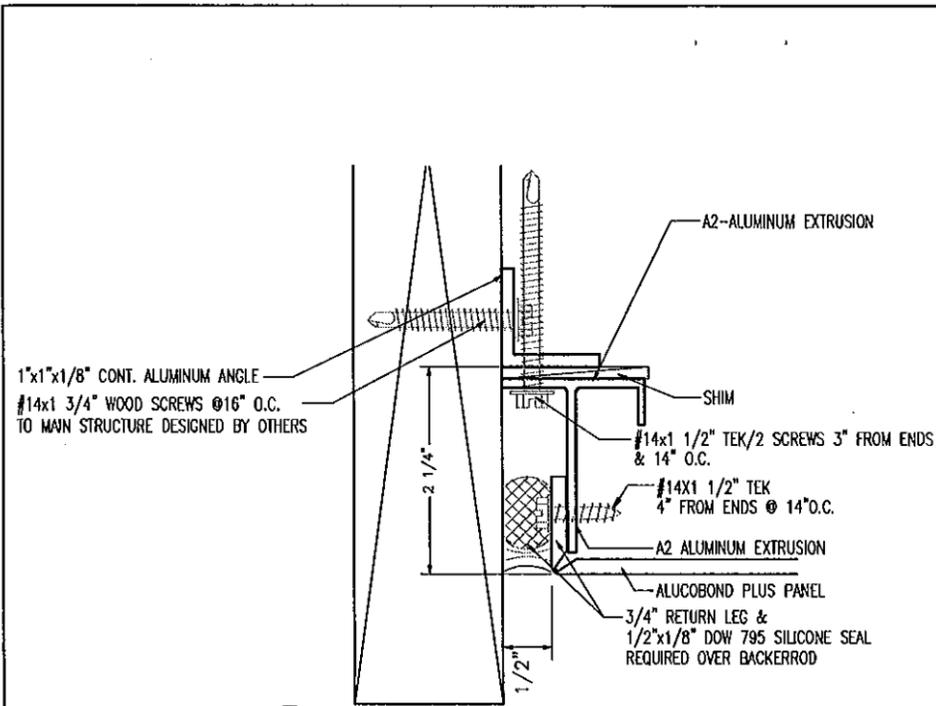


⑤ PANEL - INSIDE CORNER

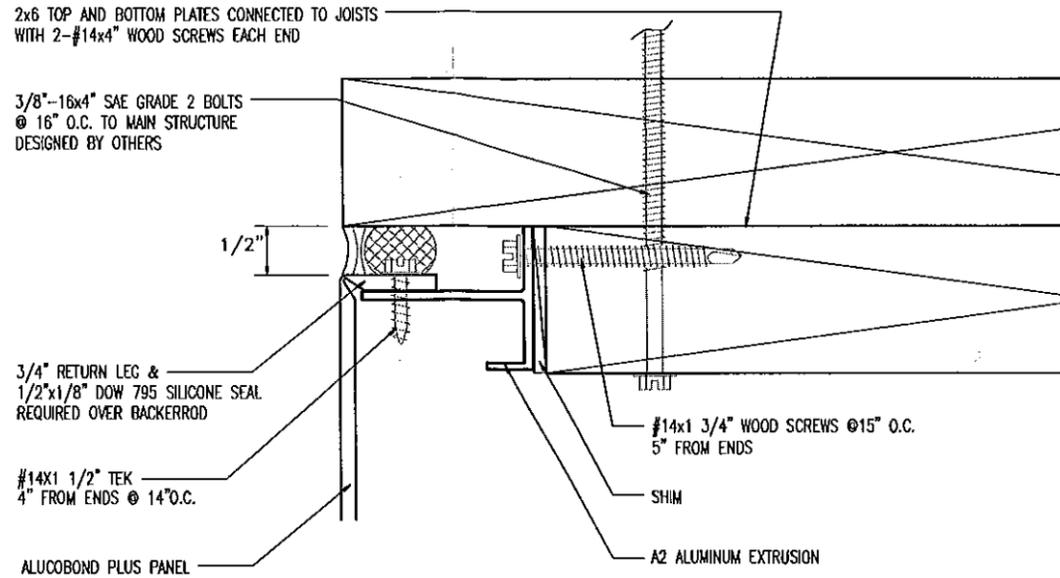
PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No 10-1101-01  
Expiration Date 12/14/2015  
By *[Signature]*  
Miami Dade Product Control



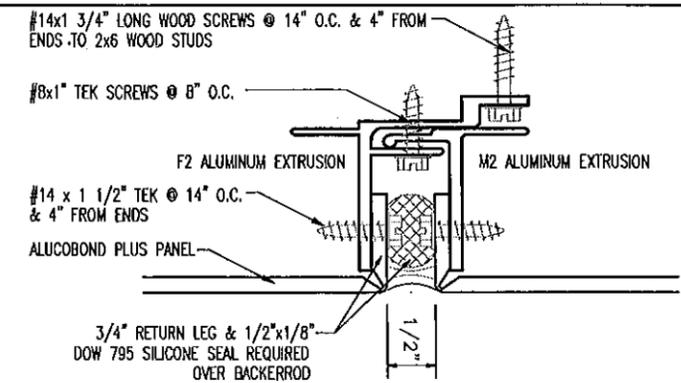
<b>3A Composites USA Inc.</b>			
208 WEST 6TH STREET BENTON, KY. 42025 270-527-4200			
TITLE:		DADE CO. - ALUCOBOND PLUS ON METAL STUDS	
DWG NO.:	SHT NO.:	DWG DATE:	REV. DATE:
ALUPLUS-1	2	01-27-09	10-01-10
ALLEN N. REEVES, P.E. STRUCTURAL ENGINEER FLORIDA #19354			



8 PERIMETER DETAIL (SIDES)

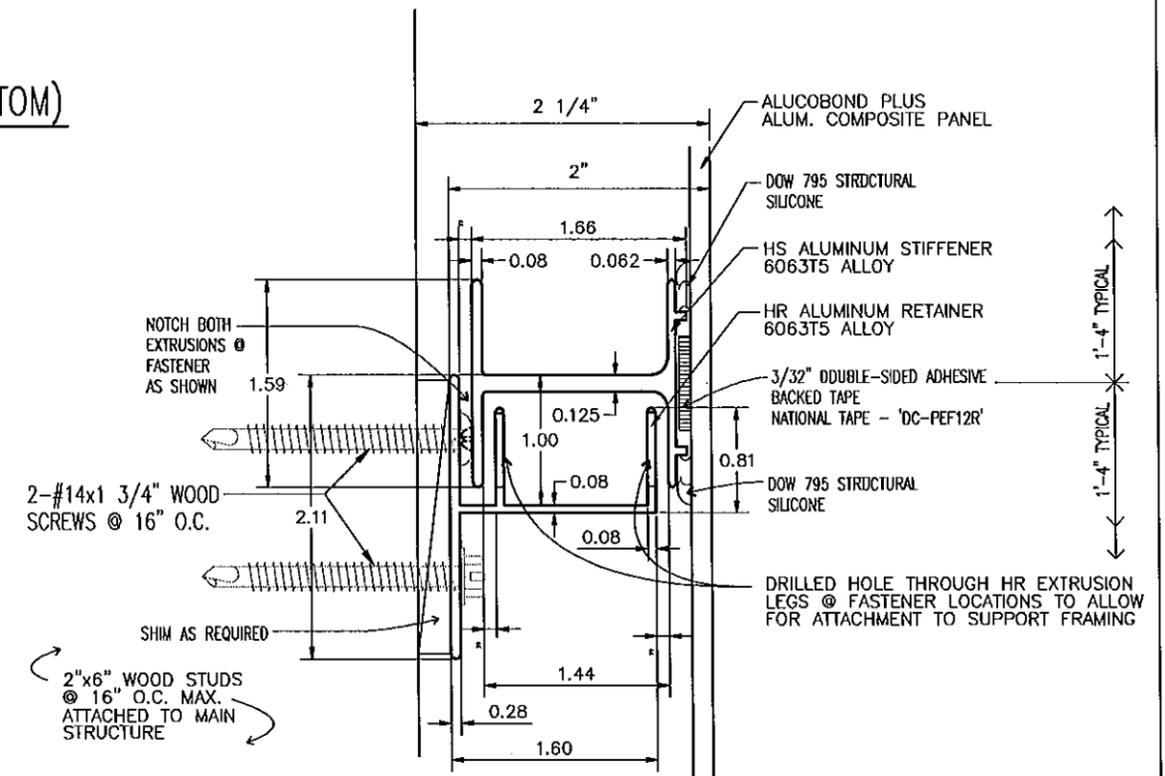
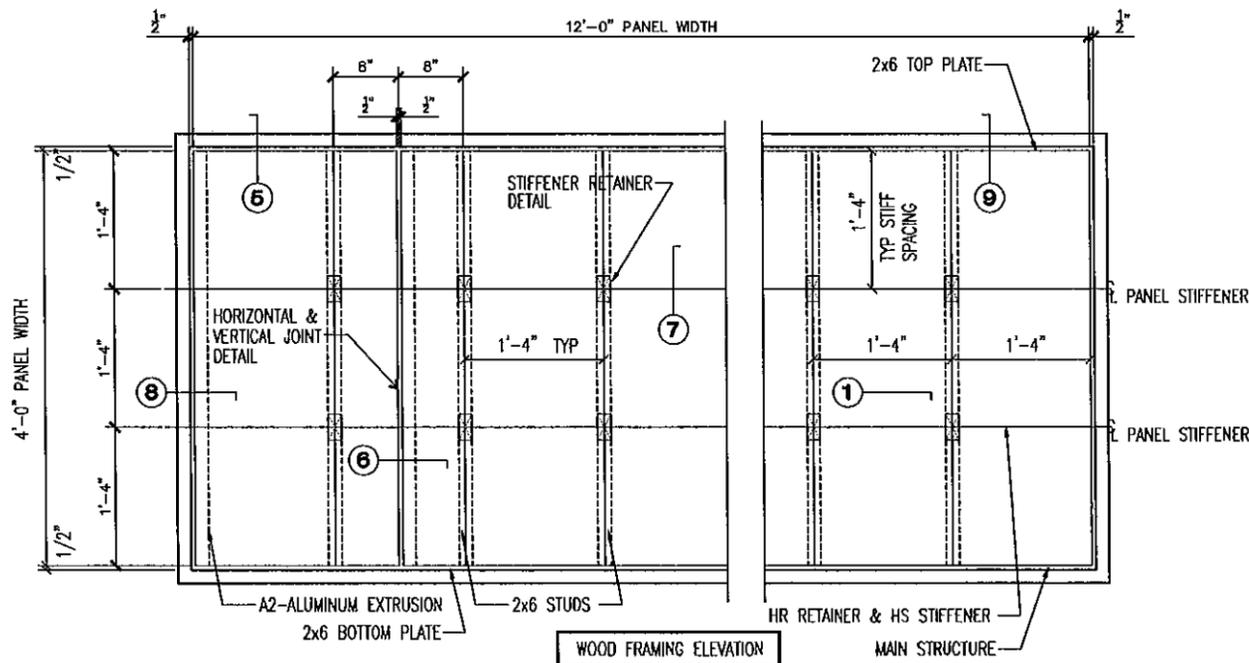


9 PERIMETER DETAIL (TOP & BOTTOM)



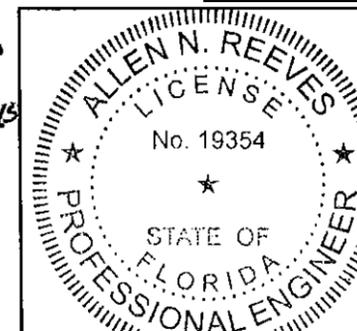
6 HORIZONTAL & VERTICAL JT DETAIL

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



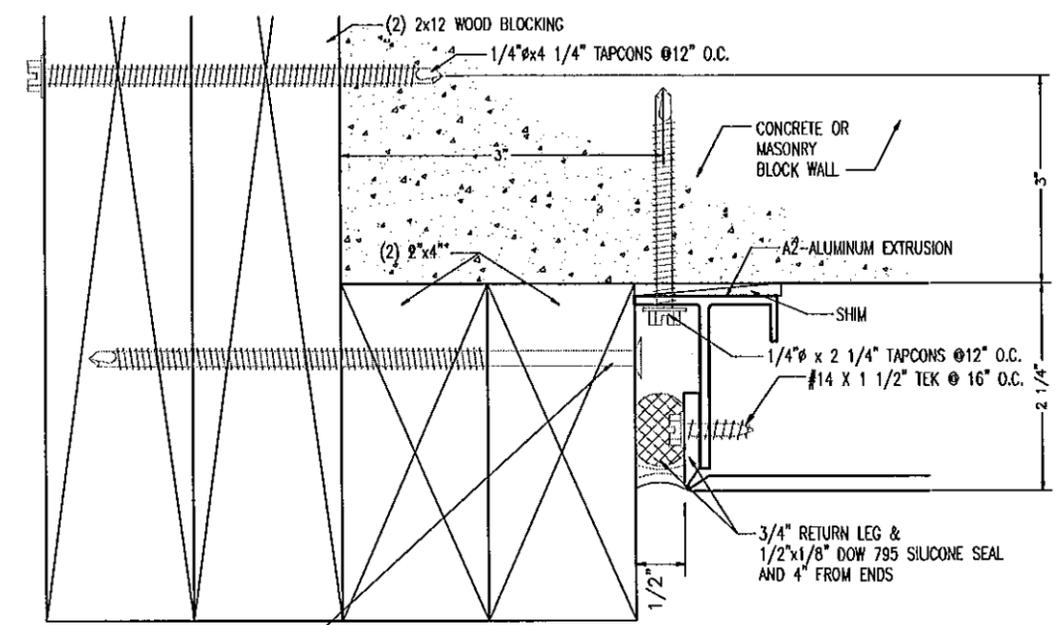
7 STIFFENER RETAINER DETAIL

PRODUCT RENEWED  
 as complying with the Florida  
 Building Code  
 Acceptance No 10-1101-PI  
 Expiration Date 12/14/2015  
 By *[Signature]*  
 Miami Dade Product Control



<b>3A Composites USA Inc.</b> 208 WEST 5TH STREET BENTON, KY. 42025 270-527-4200			
COMPOSITES			
TITLE: DADE CO. - ALUCOBOND PLUS ON WOOD STUDS			
DWG NO.:	SHT NO.:	DWG DATE:	REV. DATE:
ALUPLUS-1	3	09-12-08	10-01-10
ALLEN N. REEVES, P.E. STRUCTURAL ENGINEER FLORIDA #19354			

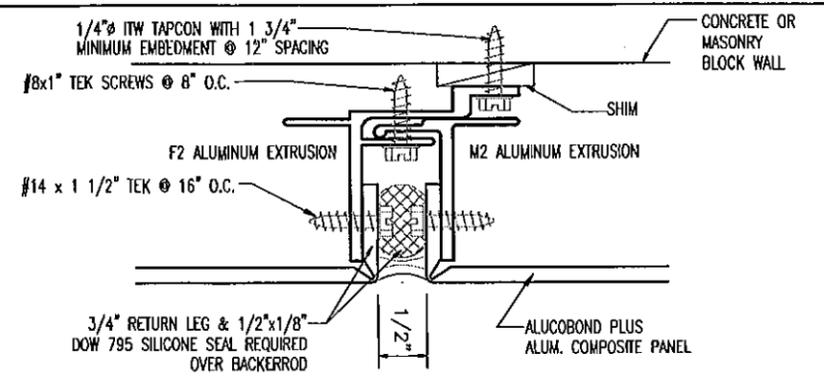
Allen N. Reeves  
 17 OCTOBER 2010



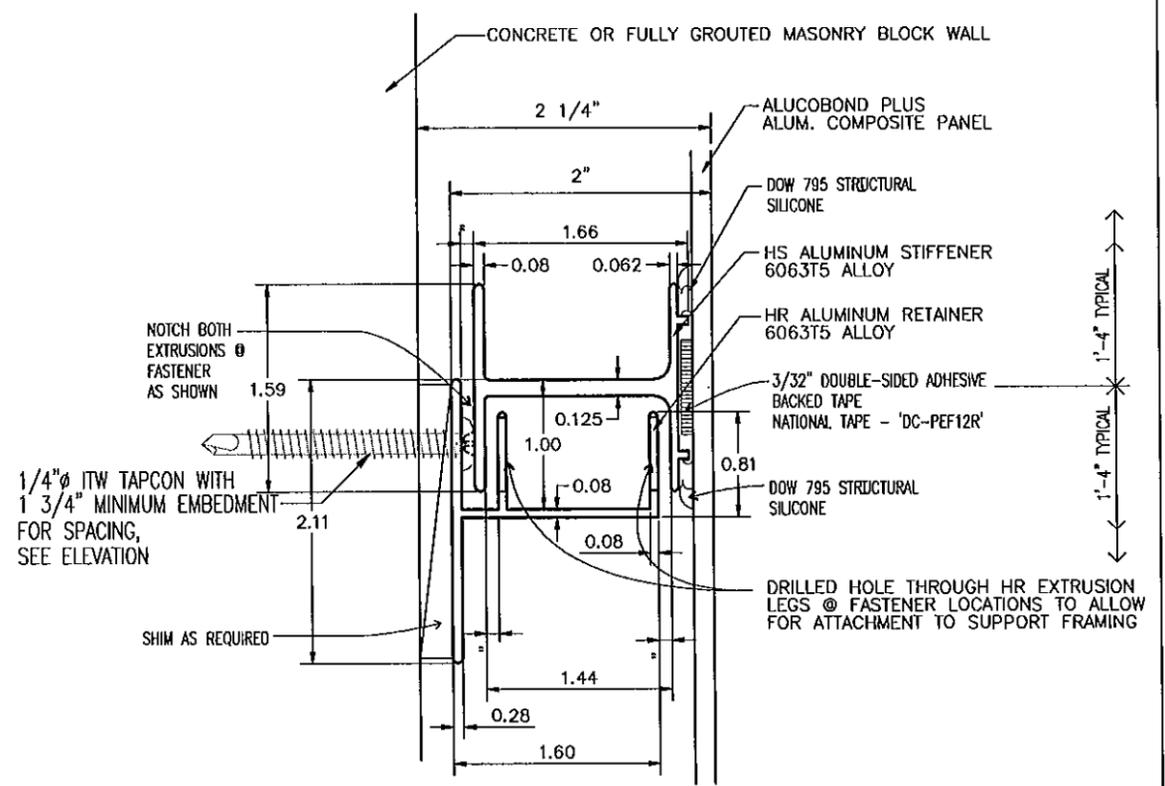
**12 PERIMETER DETAIL**

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

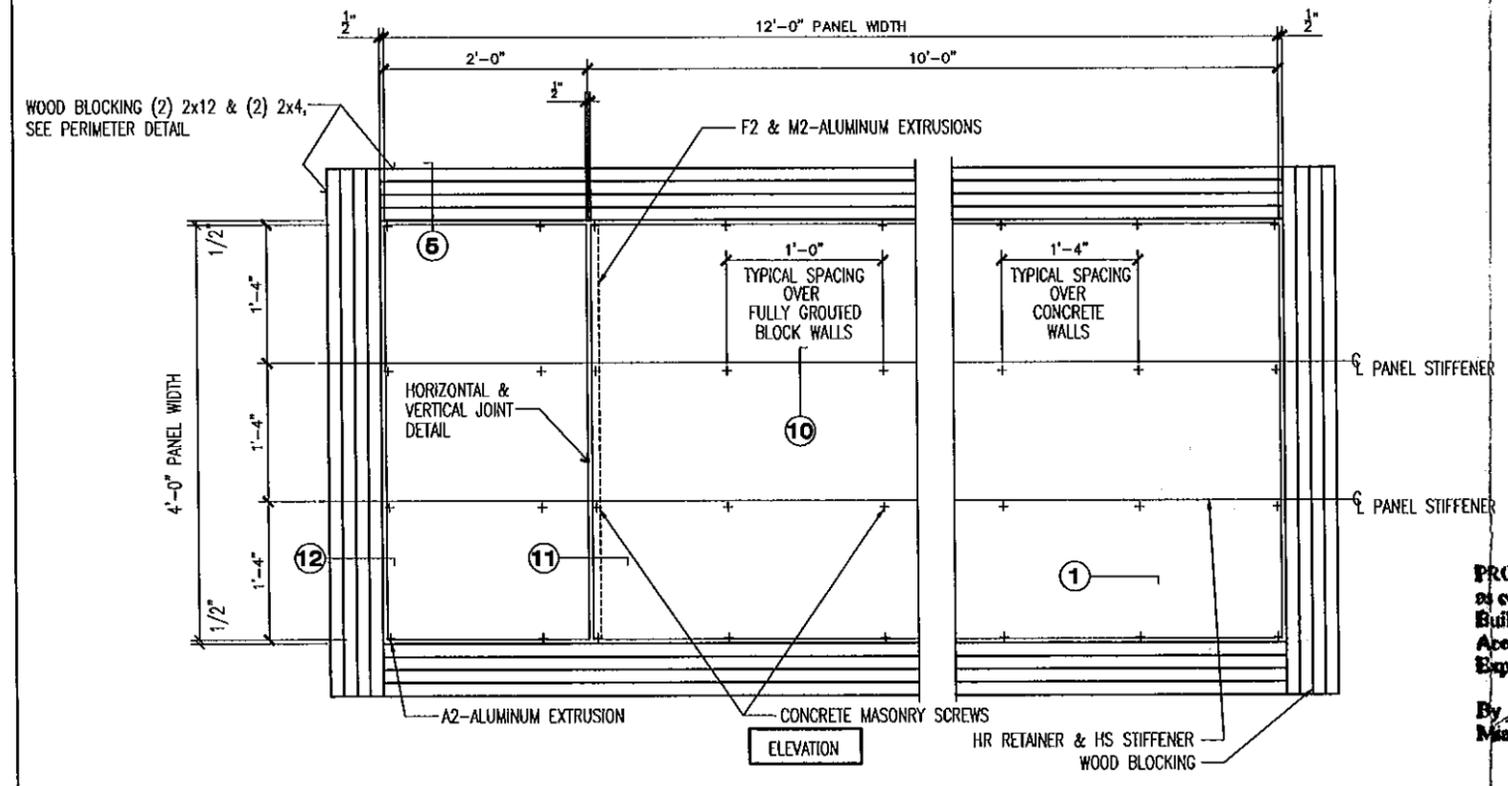
1. CONCRETE IN WALLS TO HAVE MINIMUM  $F'_c = 3,200$ psi
2. MASONRY BLOCK IN WALLS TO BE ASTM C 90 TYPE.



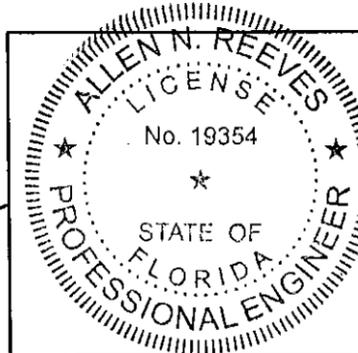
**11 HORIZONTAL & VERTICAL JT DETAIL**



**10 STIFFENER RETAINER DETAIL**



PRODUCT RENEWED  
 as complying with the Florida  
 Building Code  
 Acceptance No 10-1101-01  
 Expiration Date 12/19/2015  
 By *Allen N. Reeves*  
 Miami, Dade Product Control



 <b>3A Composites USA Inc.</b> 208 WEST 5TH STREET BENTON, KY. 42025 270-627-4200			
<b>TITLE:</b> DADE CO. - ALUCOBOND PLUS ON CONCRETE OR MASONRY BLOCK			
<b>DWG NO.:</b>	<b>SHT NO.:</b>	<b>DWG DATE:</b>	<b>REV. DATE:</b>
ALUPLUS-1	4	09-16-08	10-01-10
ALLEN N. REEVES, P.E. STRUCTURAL ENGINEER FLORIDA #19354			

*Allen N. Reeves*  
 14 OCTOBER 2010