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
www.miamidade.gov/buildingcode

NOTICE OF ACCEPTANCE (NOA)

Laminators, Inc.
3255 Penn Street
Hatfield, PA 19440

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: Omega-Lite Aluminum Wall Panels

APPROVAL DOCUMENT: Drawing No. **LAM 1** to **6**, titled "Systems 1 on 5/8"Plywood and Poured Concrete, System 6 on 5/8 Plywood and Concrete block & System 4 on Poured Concrete and Concrete Block", sheets 1 through 6 of 6, prepared by Laminators, Inc., dated 12/14/09, 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 # 09-0402.14** 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.**

MIAMI-DADE COUNTY APPROVED

02/11/10

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **LAM 1** to **6**, titled "System 1 on 5/8"Plywood and Poured Concrete, System 6 on 5/8 Plywood and Concrete block & System 4 on Poured Concrete and Concrete Block", sheets 1 through 6 of 6, prepared by Laminators, Inc., dated 12/14/09, signed and sealed by Allen N. Reeves, P.E.

B. TESTS

1. Test report of Static Air Pressure Test per FBC, TAS 202, Cyclic Wind Pressure Loading per FBC, TAS 203 and Tension Test per ASTM E8 of Omega-Lite Aluminum Wall Panel, Report Test No. **01-44568.01**, dated 08/07/03, signed and sealed by Joseph A. Reed, P.E.
2. Test report of Ignition Properties Test per ASTM D1929, Rate of burning per ASTM D635 and Density of Smoke per ASTM E84 of Omega-Lite Aluminum Wall Panel, Report No. **01-50211.01**, dated 04/30/04, signed and sealed by Joseph A. Reed, P.E. ***"Submitted under NOA # 03-1126.02"***

C. CALCULATIONS

1. Anchorage Calculations of Omega-Lite Aluminum Wall Panels, prepared by Richard Boyette, sheets 1 & 2, dated 09/04/03, signed and sealed by Richard Boyette, P.E.
2. Anchorage Calculations of Omega-Lite Aluminum Wall Panels, prepared by Richard Boyette, sheets 1 & 2, dated 05/18/04, signed and sealed by Richard Boyette, P.E. ***"Submitted under NOA # 03-1126.02"***

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO)

E. MATERIAL CERTIFICATIONS

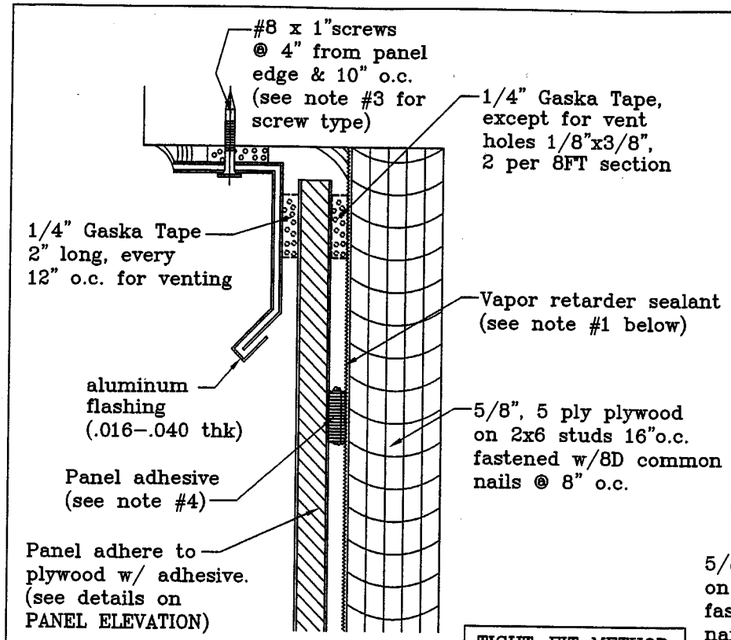
1. Aluminum Extrusions die drawings: A-9, A-10, A-11A-15, 478-6, 512-3b & 50295, produced by Laminators, Inc., and Star Technologies, LLC. ***"Submitted under NOA # 03-1126.02"***

F. STATEMENTS

1. Vapor Barrier change request letter issued by Laminators, Inc., dated 12/14/09, signed by Kevin McKee.
2. No change letter issued by Laminators, Inc., dated 03/20/09, signed by John T. Wrght. ***"Submitted under NOA # 09-0402.14"***
3. Statement letter of code conformance issued by C-Buck Engineering, dated 09/25/08, signed and sealed by James L. Buckner, P.E.
4. Statement letter of no financial interest issued by C-Buck Engineering, dated 09/25/08, signed and sealed by James L. Buckner, P.E. ***"Submitted under NOA # 03-1126.02"***

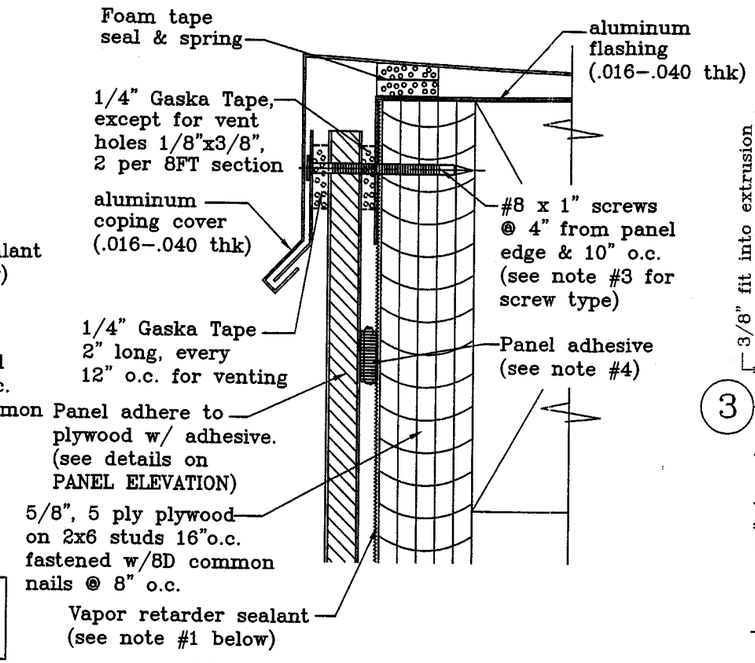
02/11/10

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 09-1216.05
Expiration Date: July 01, 2014
Approval Date: March 10, 2010



TIGHT–FIT METHOD
DESIGN PRESSURE
RATING 104 PSF

1a DETAIL



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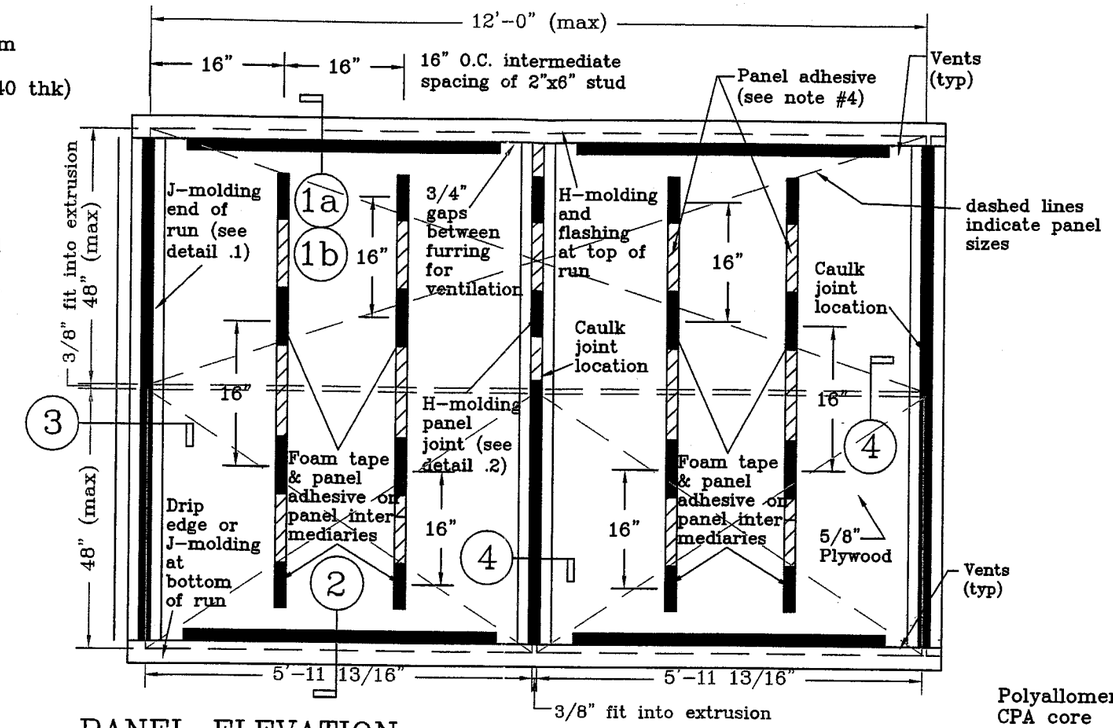
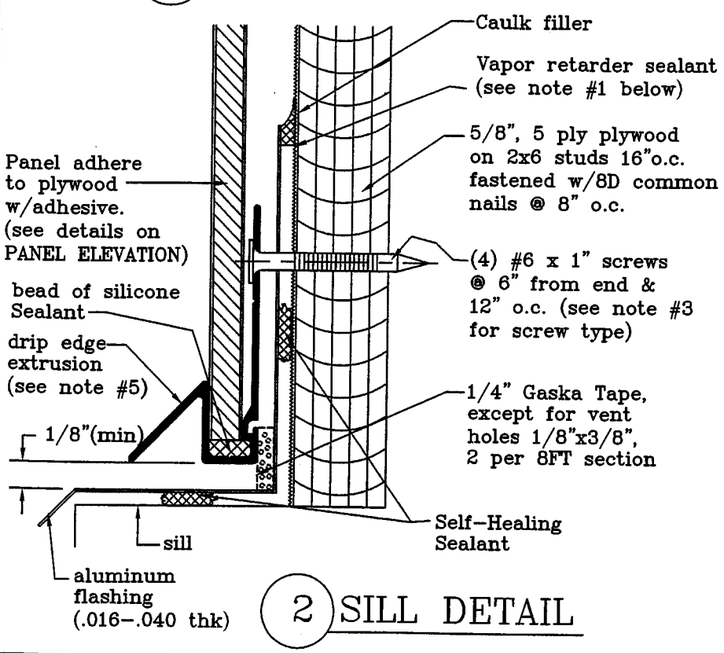
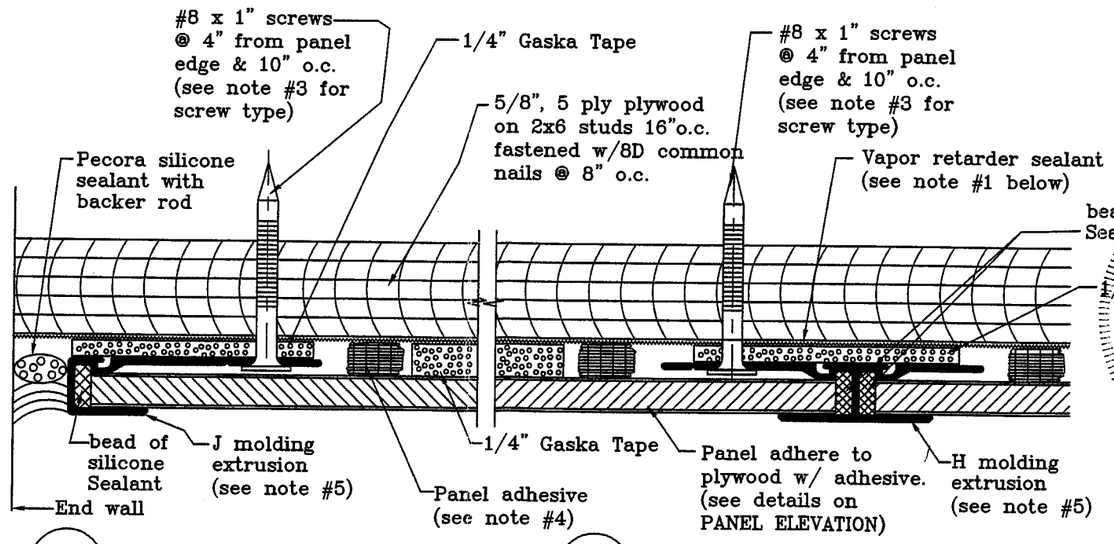


PANEL ELEVATION

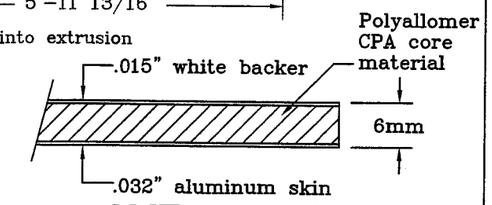


2 SILL DETAIL



3 END DETAIL

4 JOINT DETAIL



OMEGA–LITE PANEL DETAIL

ALLEN N. REEVES
LICENSE
No. 49354
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Allen N. Reeves
27 JANUARY 2010

FOR OFFICAL USE ONLY

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 09-1216.05
Expiration Date 07/01/2014
By
Miami-Dade Product Control Division

NOTE#1: Vapor retarder sealant can be either Sto Gold Coat 265 by Sto Corp. or Air–Bloc 31 by Henry Company. They are a water shedding, vapor permeable, liquid applied seal membrane. Two coats applied.

NOTE#2: Wood furring strips to be Southern Pine PT 1"x3" nominal @ 16" o.c.

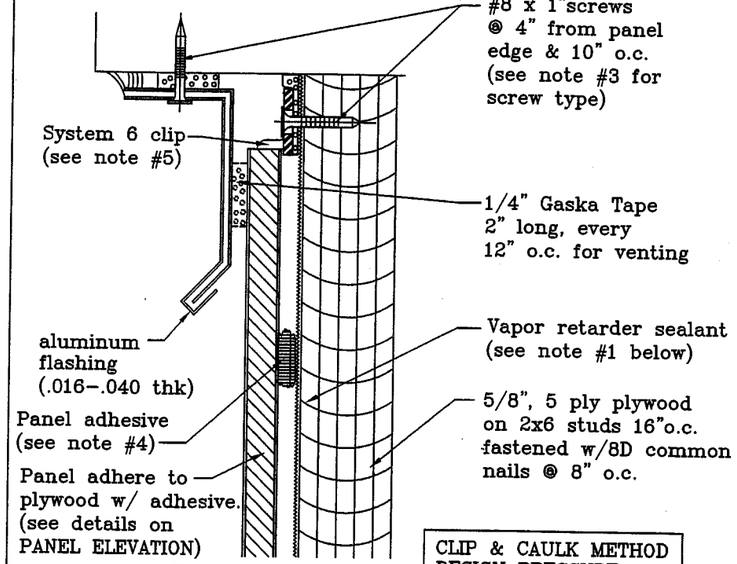
NOTE#3: Screw types
ITW Buildex screws, stainless steel
Wood screws, hot dipped galv.
Sheet metal screws, stainless steel.
Screw head to be for wood or metal only.
(see attached documentation for shear and pullout test results)

NOTE#4: Panel adhesive to be Liquid Nails, heavy duty construction, LN901, applied to plywood, 3"diameter, 3/8" thick, every 16" o.c.

NOTE#5: All molding extrusion made of Alloy 6063, temper T–4. Thickness is 0.045".

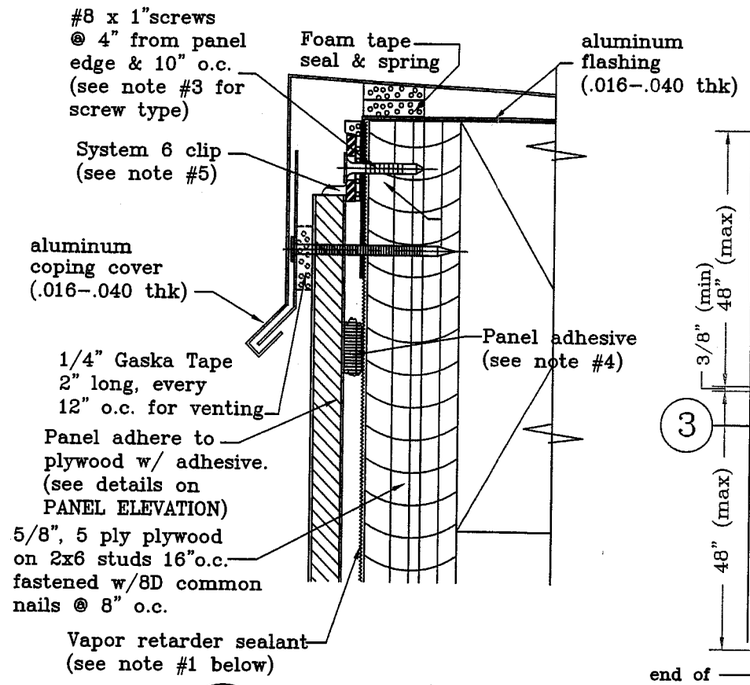
SYSTEM 1 ON 5/8" PLYWOOD
LAMINATOR'S INC.
3255 SOUDERTON PIKE
HATFIELD, PA 19440

DATE: 12/14/09	REV.DATE:
PAGE 1 OF 6	DWG NO: LAM–1

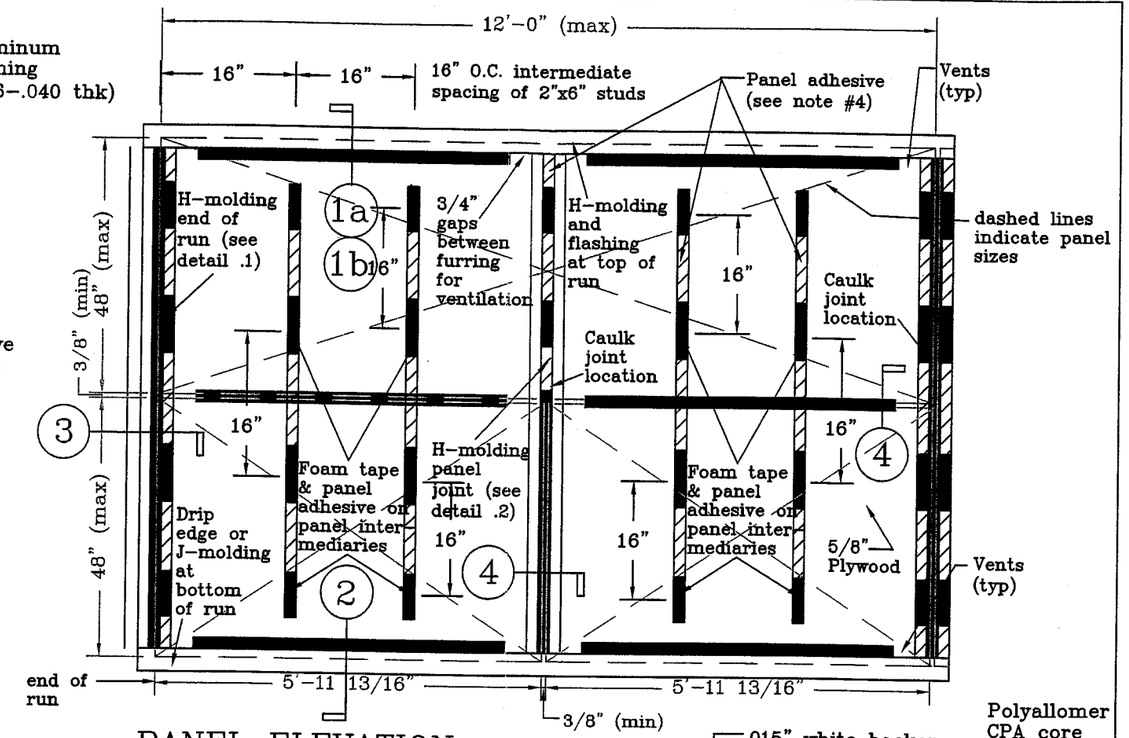


1a DETAIL

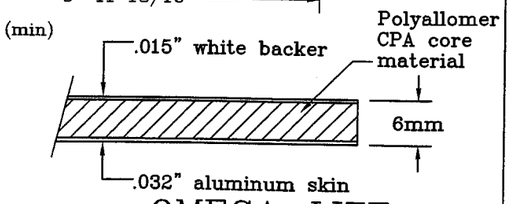
CLIP & CAULK METHOD
DESIGN PRESSURE
RATING 104 PSF



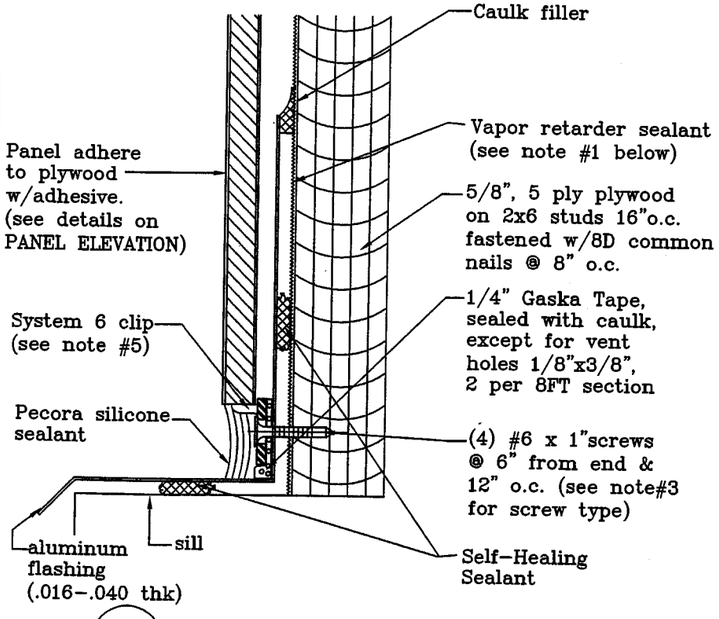
1b DETAIL



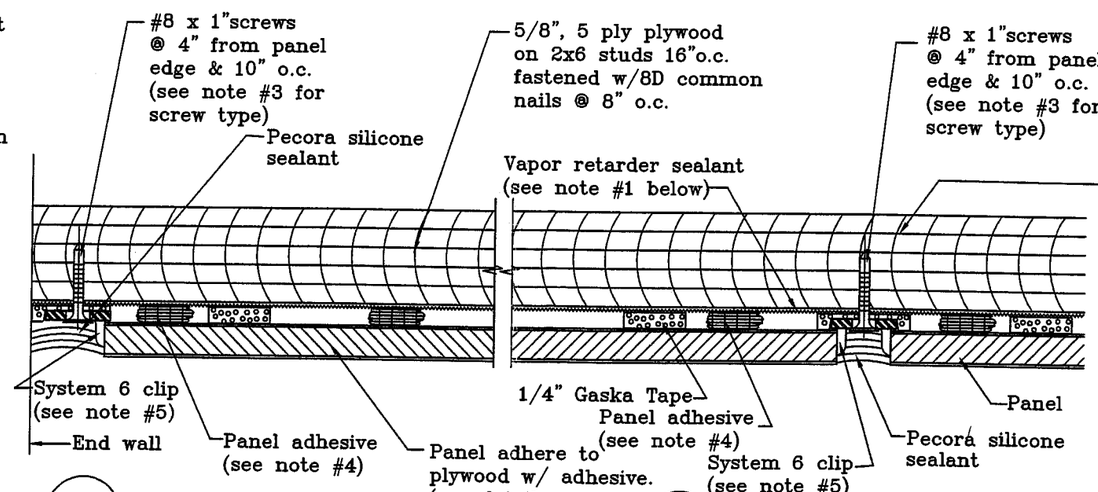
PANEL ELEVATION



OMEGA–LITE PANEL DETAIL



2 SILL DETAIL



3 END DETAIL

4 JOINT DETAIL

ALLEN N. REEVES
LICENSE
No. 14334
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Allen N. Reeves
27 JANUARY 2010

FOR OFFICAL USE ONLY

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 09-1216.05
Expiration Date 02/01/2014
By
Miami-Dade Product Control Division

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NOTE#2: Wood furring strips to be Southern Pine PT 1"x3" nominal @ 16" o.c.

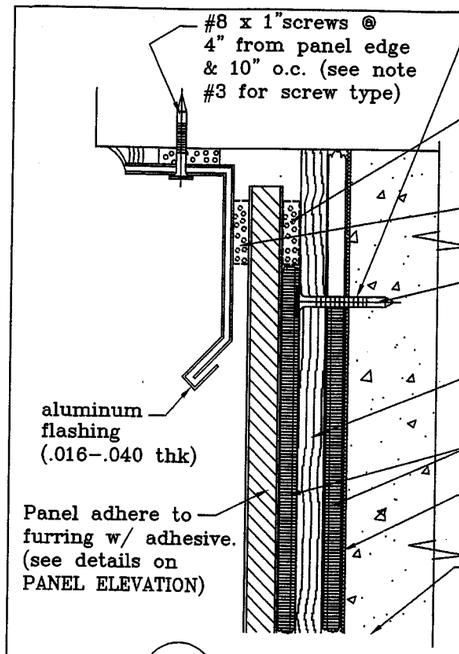
NOTE#3: Screw types
ITW Buildex screws, stainless steel
Wood screws, hot dipped galv.
Sheet metal screws, stainless steel.
Screw head to be for wood or metal only.
(see attached documentation for shear and pullout test results)

NOTE#4: Panel adhesive to be Liquid Nails, heavy duty construction, LN901, applied to plywood, 3"diameter, 3/8" thick, every 16" o.c.

NOTE#5: See drawing 512–3b for metal clip detail. Attach every 12" o.c. with 1 1/4" ITW Buildex screws. See note #3 for more detail about screw type.

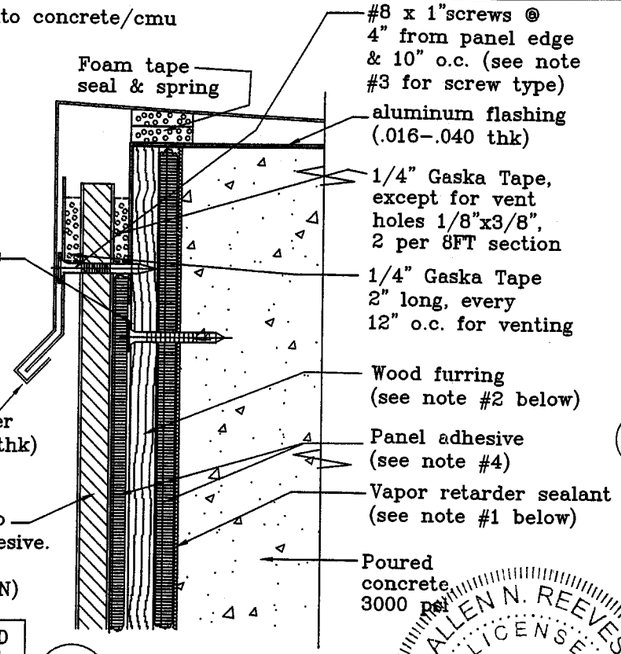
SYSTEM 6 ON 5/8" PLYWOOD
LAMINATOR'S INC.
3255 SOUDERTON PIKE
HATFIELD, PA 19440

DATE: 12/14/09	REV.DATE:
PAGE 2 OF 6	DWG NO: LAM–2

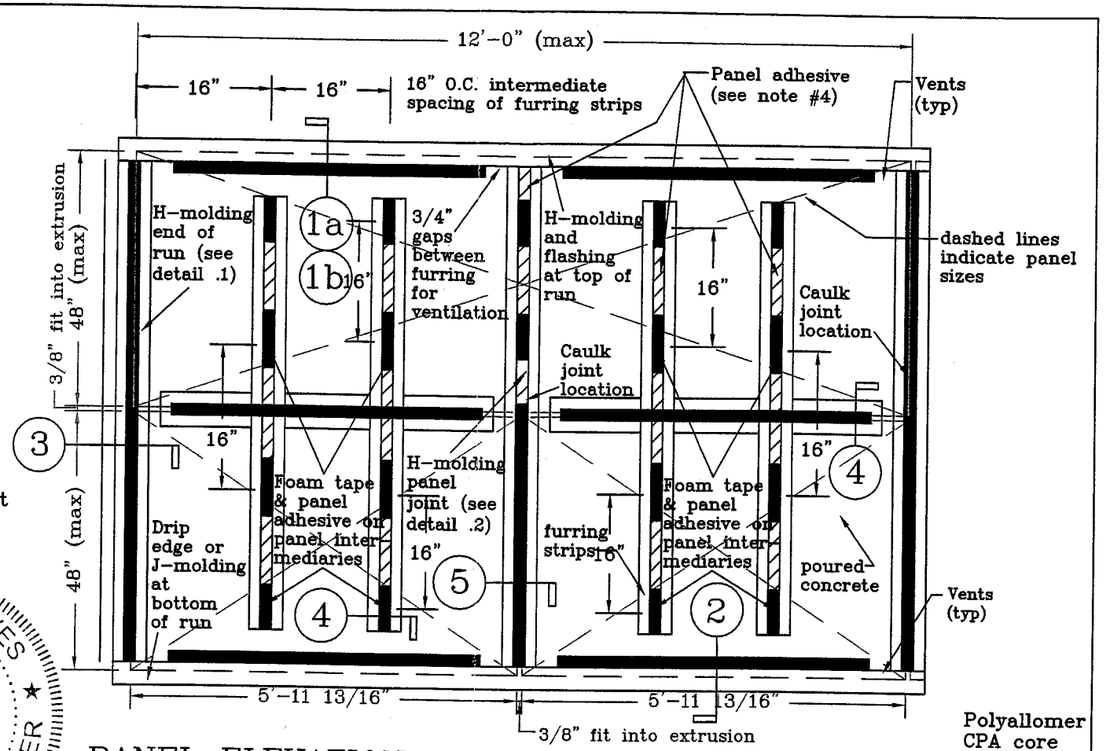


1a DETAIL

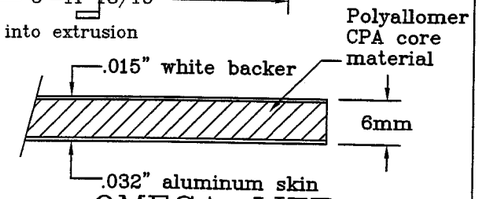
TIGHT-FIT METHOD
DESIGN PRESSURE
RATING 104 PSF



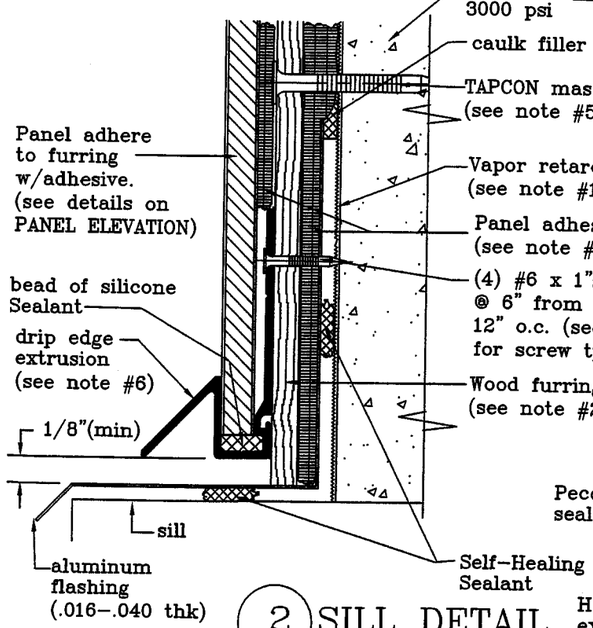
1b DETAIL



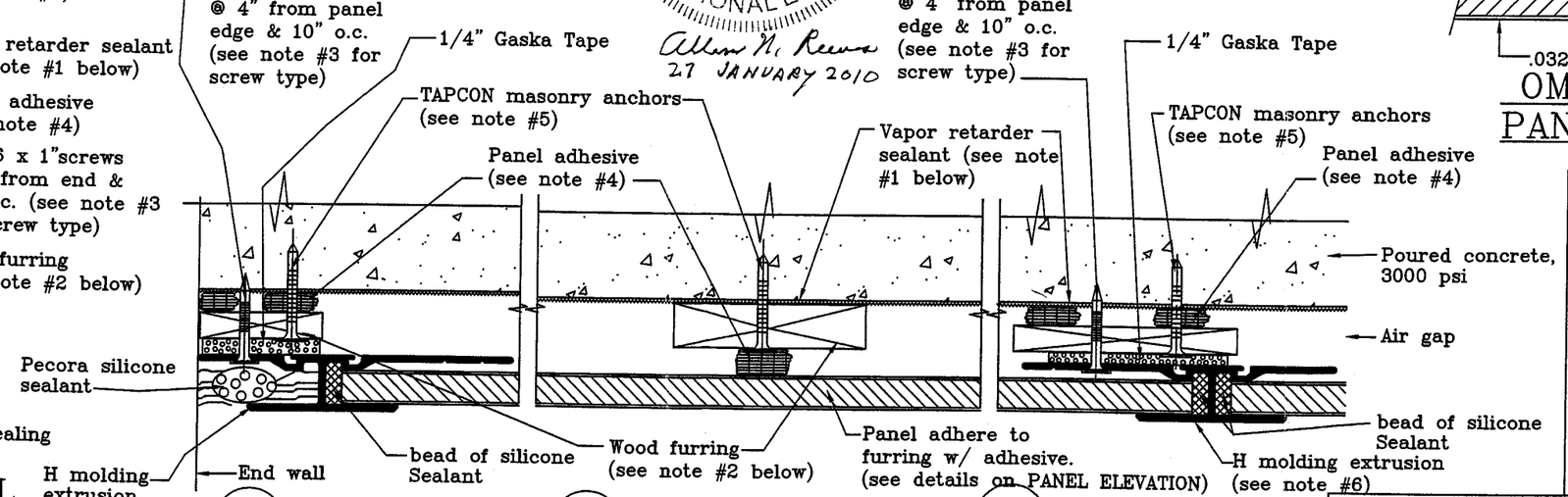
PANEL ELEVATION



OMEGA-LITE PANEL DETAIL



2 SILL DETAIL



3 END DETAIL 4 FURRING DETAIL 5 JOINT DETAIL

ALLEN N. REEVES
LICENSE
No. 19354
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Allen N. Reeves
27 JANUARY 2010

FOR OFFICAL USE ONLY

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 09-1216.05
Expiration Date 07/01/2014
By
Miami/Dade Product Control Division

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(see attached documentation for shear and pullout test results)

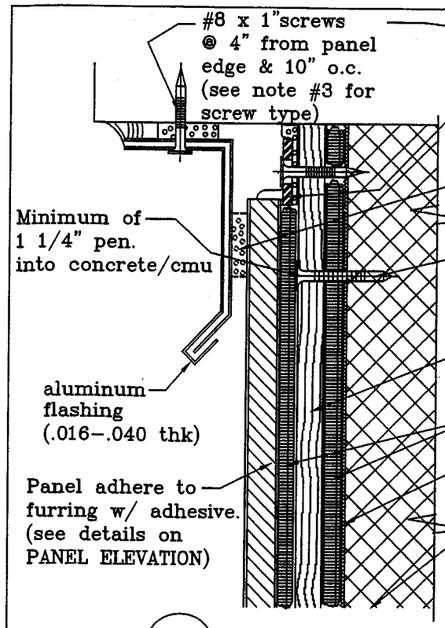
NOTE#4: Panel adhesive to be Liquid Nails, heavy duty construction, LN901, applied to furring strips, 3"diameter, 3/8" thick, every 16" o.c.

NOTE#5: Masonry Anchor type: Model: PF3-134 ITW Ramset Red Head, 3/16" x 1 3/4", with 1 1/4" embedment @ 6" from top & bottom, and 12" o.c.

NOTE#6: All extrusion moldings made of Alloy 6063, temper T-4. Thickness is 0.045".

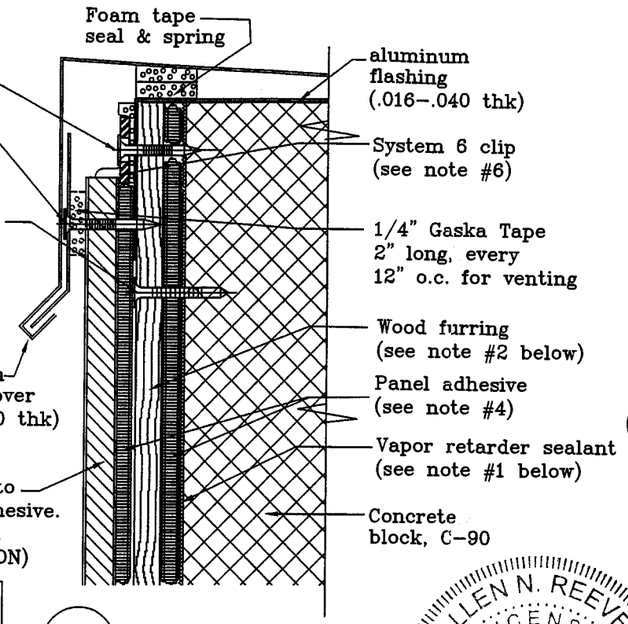
SYSTEM 1 ON POURED CONCRETE
LAMINATOR'S INC.
3255 SOUDERTON PIKE
HATFIELD, PA 19440

DATE: 12/14/09	REV.DATE:
PAGE 3 OF 6	DWG NO: LAM-3

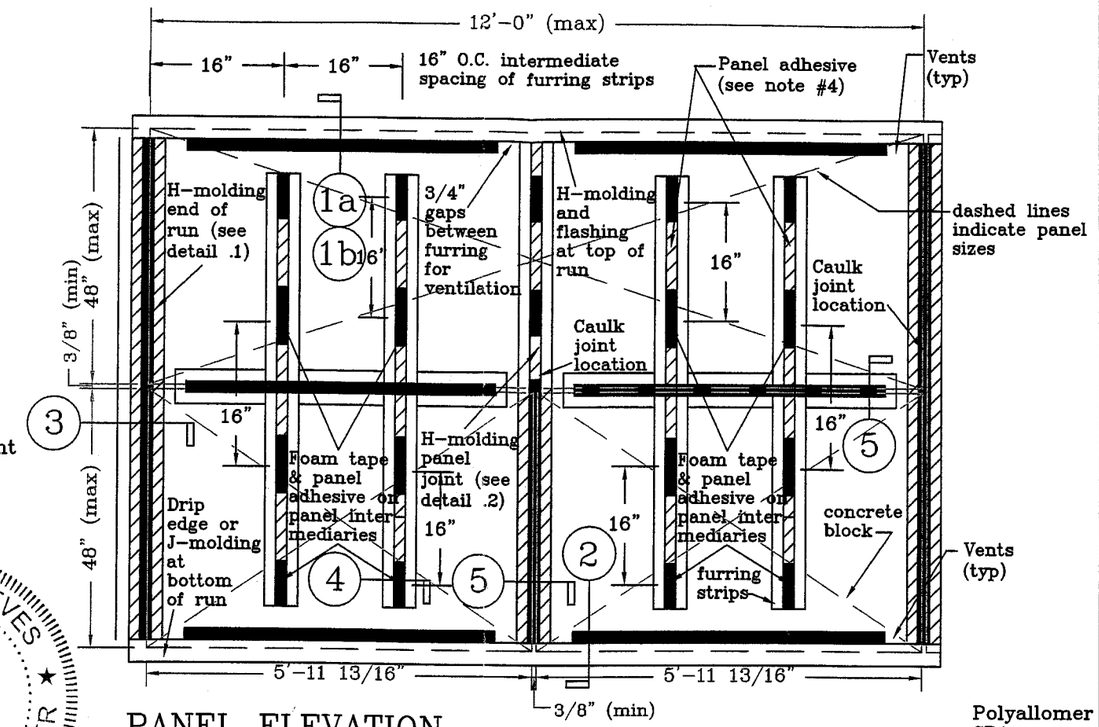


1a DETAIL

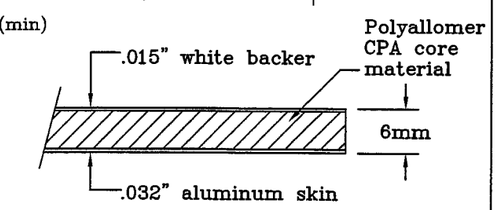
CLIP & CAULK METHOD
DESIGN PRESSURE
RATING 104 PSF



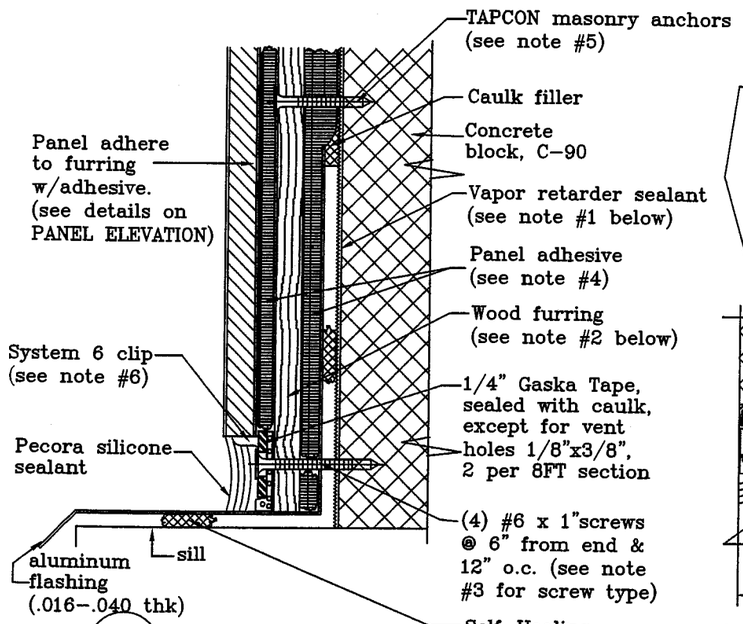
1b DETAIL



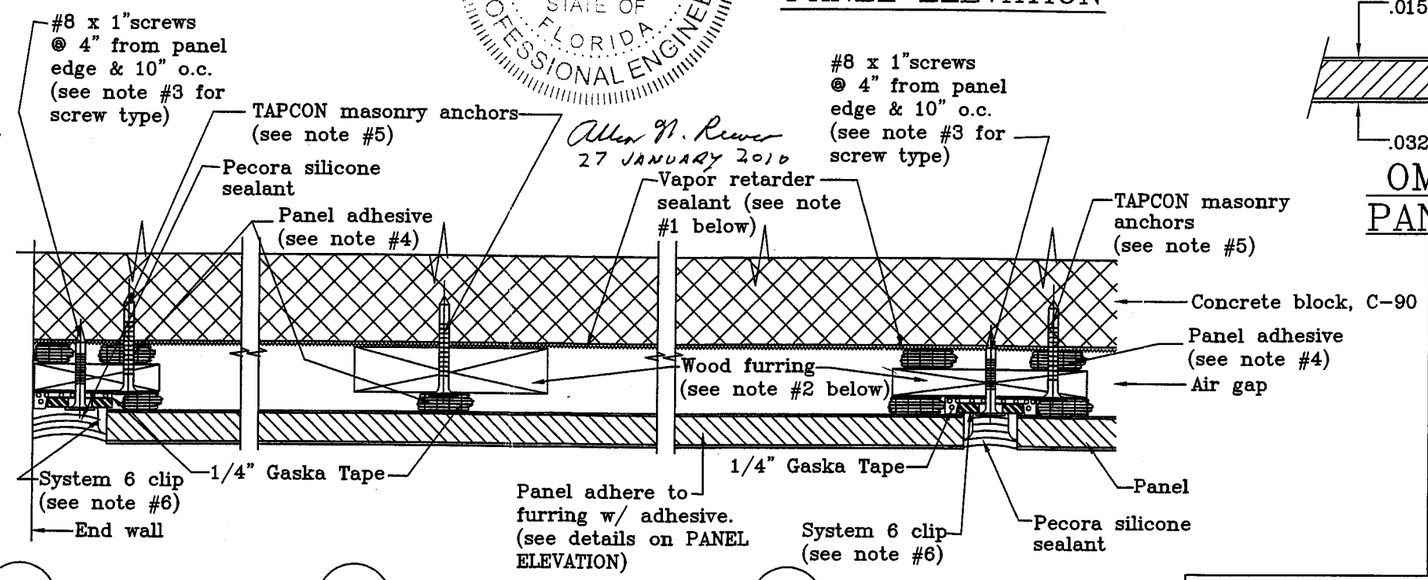
PANEL ELEVATION



OMEGA-LITE
PANEL DETAIL



2 SILL DETAIL



3 END DETAIL 4 FURRING DETAIL 5 JOINT DETAIL

ALLEN N. REEVES
LICENSE
No. 19354
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Allen N. Reeves
27 JANUARY 2010

FOR OFFICAL USE ONLY

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By
Miami Dade Product Control Division

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Screw head to be for wood or metal only.
(see attached documentation for shear and pullout test results)

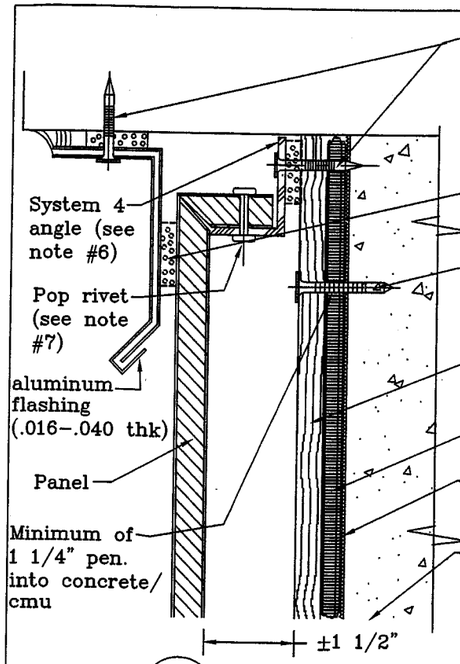
NOTE#4: Panel adhesive to be Liquid Nails, heavy duty construction, LN901, applied to furring strips, 3"diameter, 3/8" thick, every 16" o.c.

NOTE#5: Masonry Anchor type: Model: PF3-134 ITW Ramset Red Head, 3/16" x 1 3/4", with 1 1/4" embedment @ 6" from top & bottom, and 12" o.c.

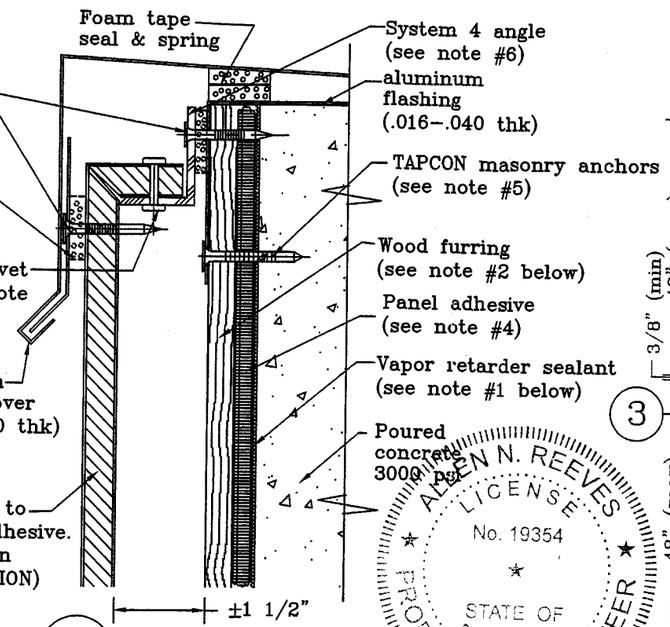
NOTE#6: See drawing 512-3b for metal clip detail. Attach every 12" o.c. with 1 1/4" ITW Buildex screws. See note #3 for more detail about screw type.

SYSTEM 6 ON CONCRETE BLOCK
LAMINATOR'S INC.
3255 SOUDERTON PIKE
HATFIELD, PA 19440

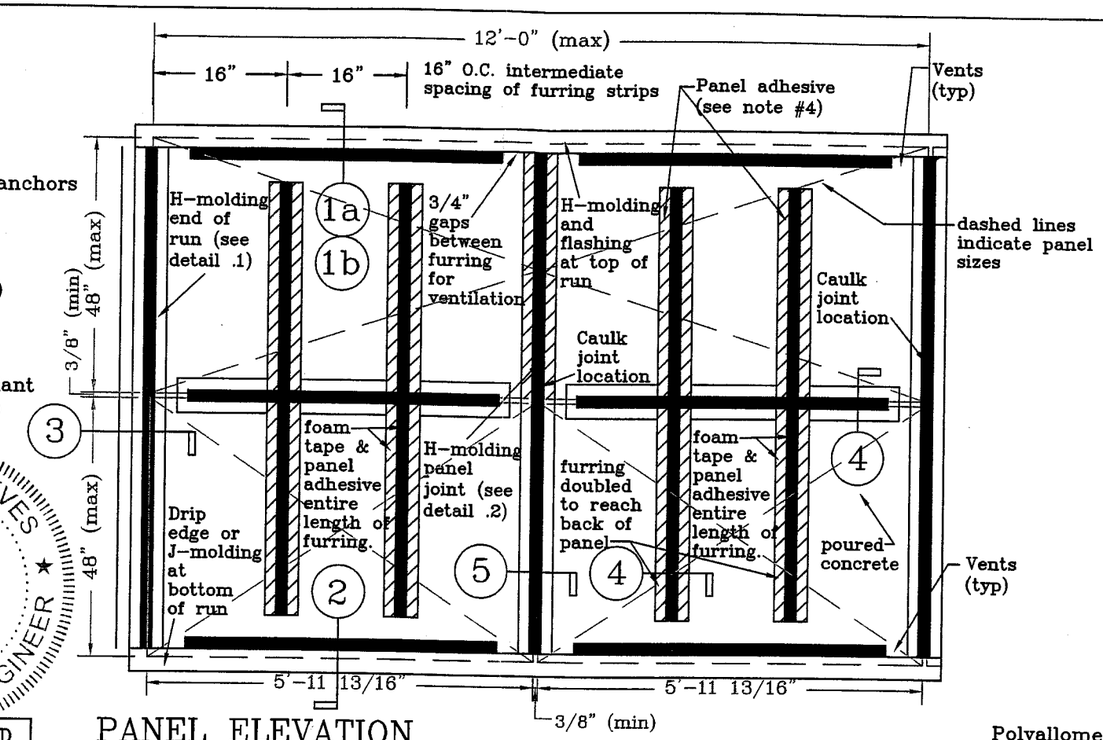
DATE: 12/14/09	REV.DATE:
PAGE 4 OF 6	DWG NO: LAM-4



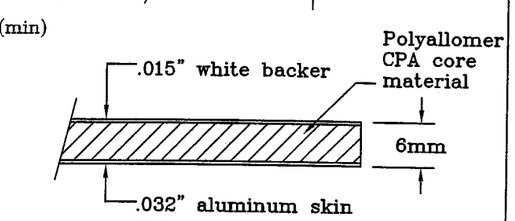
1a DETAIL



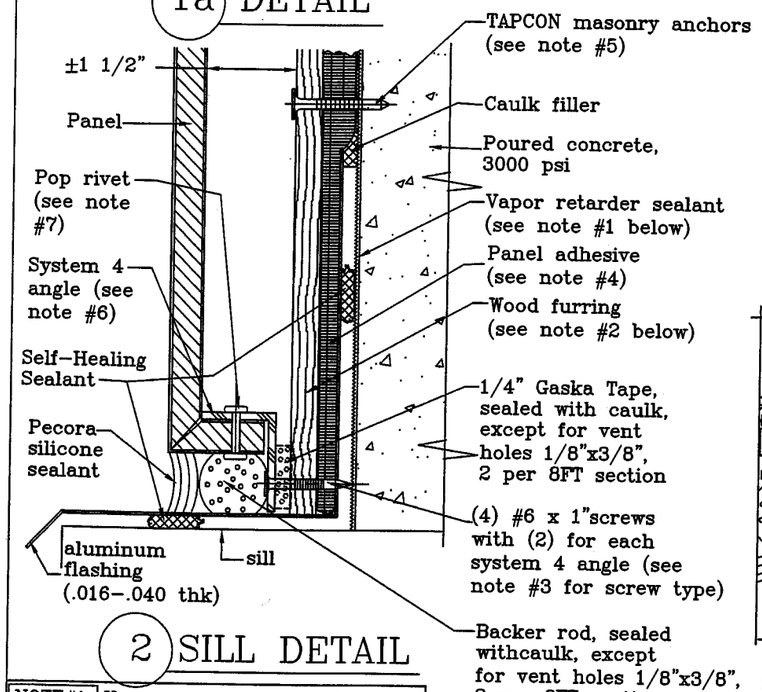
1b DETAIL



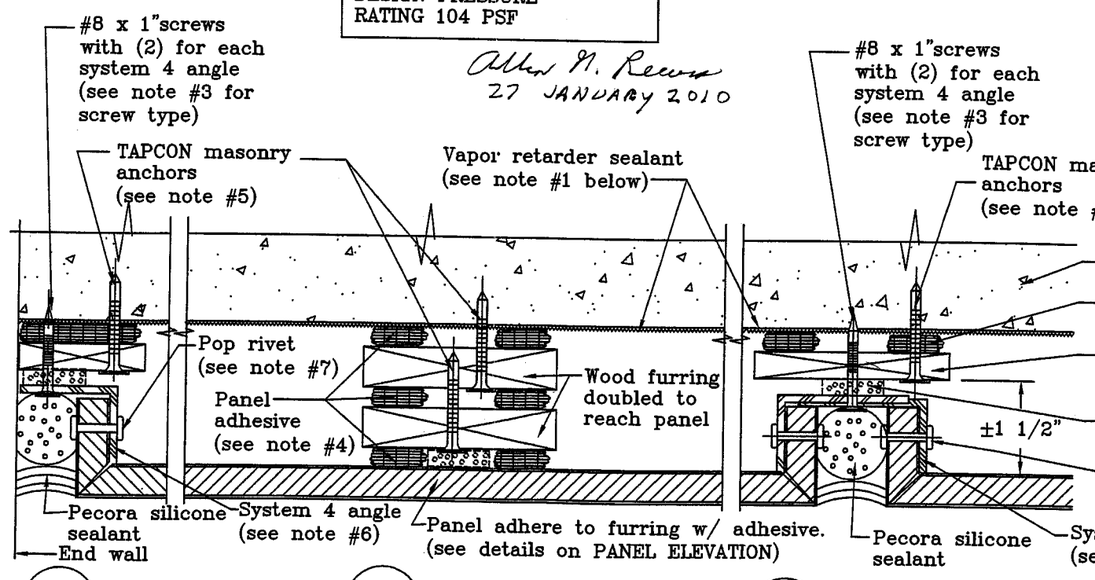
PANEL ELEVATION



OMEGA–LITE PANEL DETAIL



2 SILL DETAIL



3 END DETAIL 4 FURRING DETAIL 5 JOINT DETAIL

ALLEN N. REEVES LICENSE No. 19354 STATE OF FLORIDA PROFESSIONAL ENGINEER

V–GROOVE & BEND METHOD DESIGN PRESSURE RATING 104 PSF

Allen N. Reeves
27 JANUARY 2010

FOR OFFICAL USE ONLY

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No 09-1216.05
Expiration Date 07/01/2014
By
Miami-Dade Product Control Division

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Wood screws, hot dipped galv.
Sheet metal screws, stainless steel.
Screw head to be for wood or metal only.
(see attached documentation for shear and pullout test results)

NOTE#4: Panel adhesive to be Liquid Nails, heavy duty construction, LN901, applied to furring strips, 1/2"dia., 3/8" thick, entire length of furring.

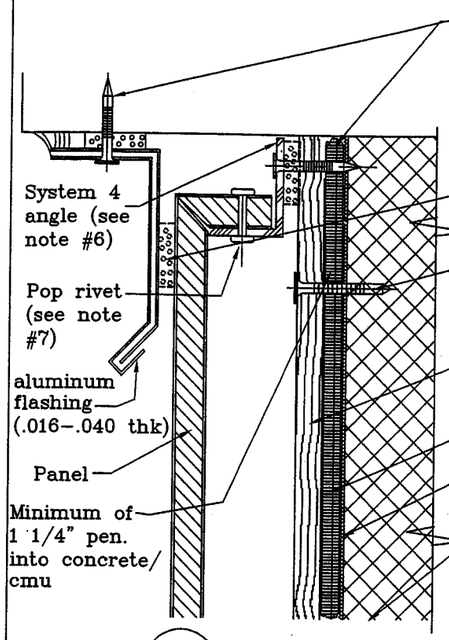
NOTE#5: Masonry Anchor type: Model: PF3–134 ITW Ramset Red Head, 3/16" x 1 3/4", with 1 1/4" embedment @ 6" from top & bottom, and 12" o.c.

NOTE#6: System 4 angle made of 3003 aluminum, 1/2 to 1/3 hard H14–16. Placed 6" to 12" from ends, and every 24" o.c.

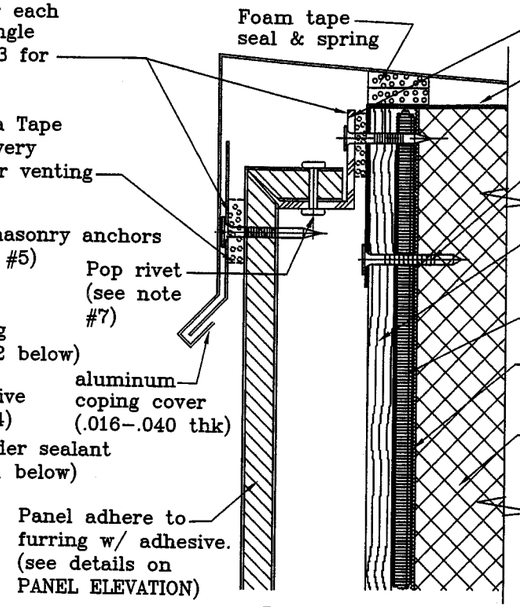
NOTE#7: Pop rivets are 1/8" aluminum rivet & plain steel mandrel, 2 per system 4 angle.

SYSTEM 4 ON POURED CONCRETE
LAMINATOR'S INC.
3255 SOUDERTON PIKE
HATFIELD, PA 19440

DATE: 12/14/09	REV.DATE:
PAGE 5 OF 6	DWG NO: LAM–5



1a DETAIL



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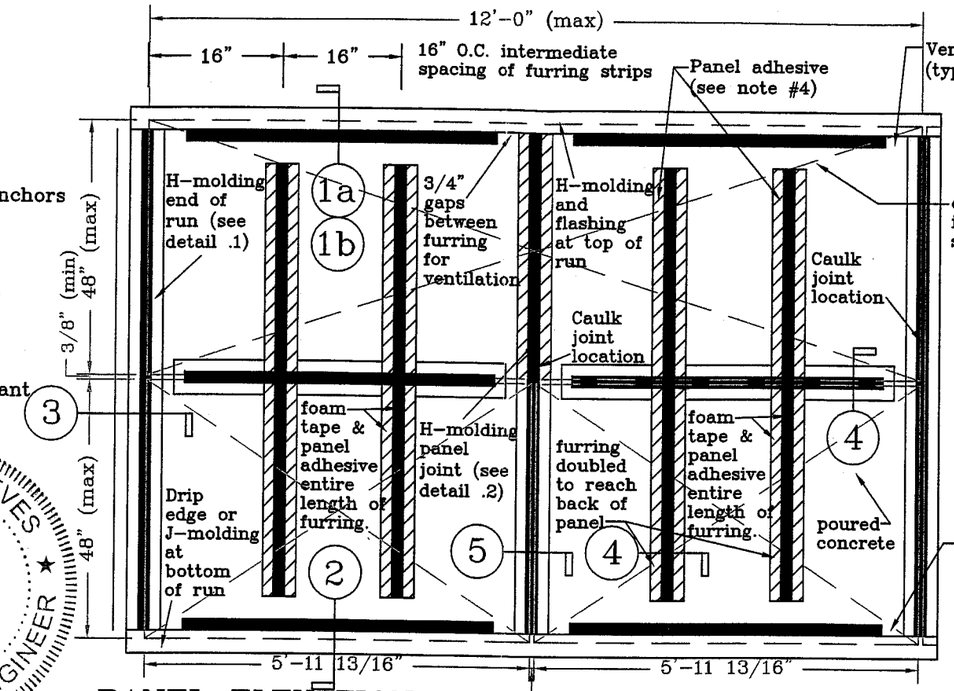
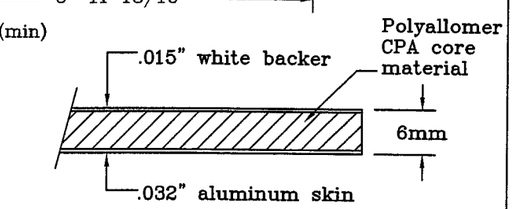


PANEL ELEVATION

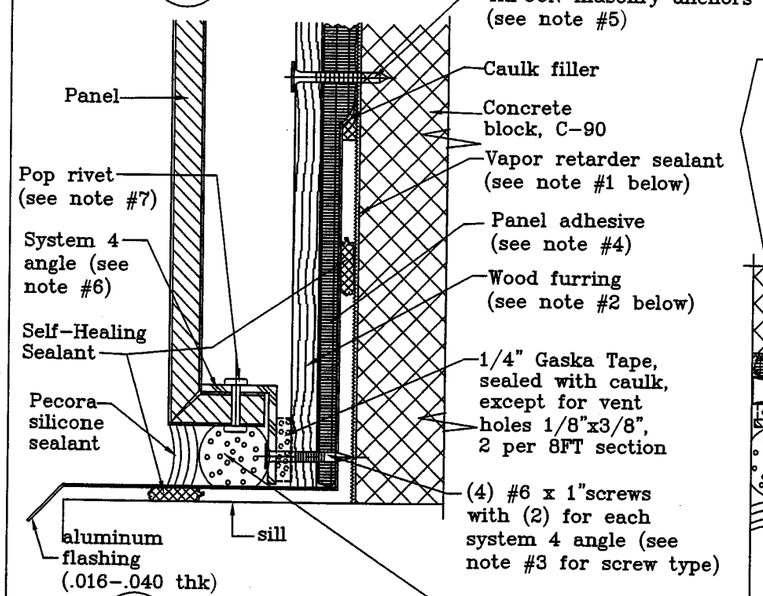


OMEGA–LITE PANEL DETAIL

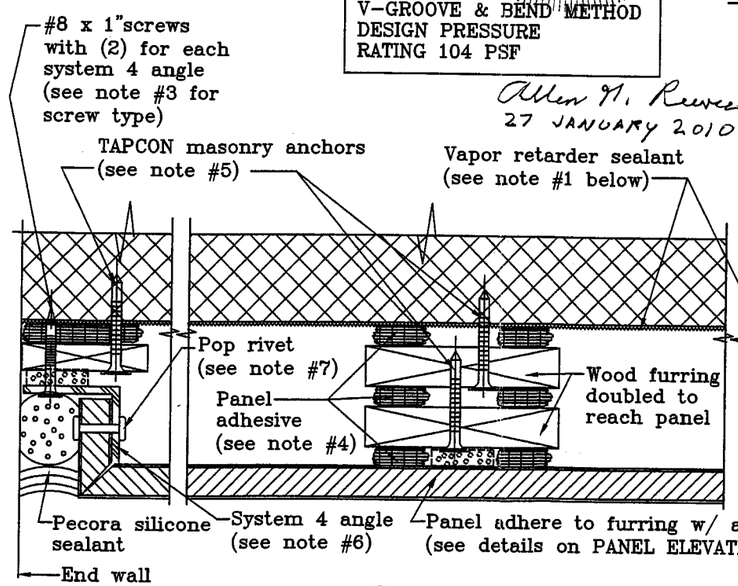
ALLEN N. REEVES
LICENSE
No. 19354
STATE OF FLORIDA
PROFESSIONAL ENGINEER

V–GROOVE & BEND METHOD
DESIGN PRESSURE
RATING 104 PSF

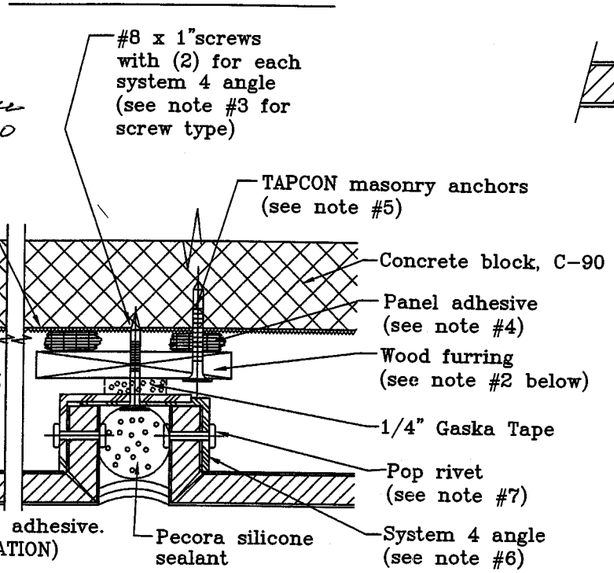
Allen N. Reeves
27 JANUARY 2010



2 SILL DETAIL



3 END DETAIL 4 FURRING DETAIL



5 JOINT DETAIL

FOR OFFICAL USE ONLY

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 07-1216.05
Expiration Date 07/01/2014
By
Miami Dade Product Control Division

NOTE#1: Vapor retarder sealant can be either Sto Gold Coat 265 by Sto Corp. or Air–Bloc 31 by Henry Company. They are a water shedding, vapor permeable, liquid applied seal membrane. Two coats applied.

NOTE#2: Wood furring strips to be Southern Pine PT 1"x3" nominal @ 16" o.c.

NOTE#3: Screw types
ITW Buildex screws, stainless steel
Wood screws, hot dipped galv.
Sheet metal screws, stainless steel.
Screw head to be for wood or metal only.
(see attached documentation for shear and pullout test results)

NOTE#4: Panel adhesive to be Liquid Nails, heavy duty construction, LN901, applied to furring strips, 1/2"dia., 3/8" thick, entire length of furring.

NOTE#5: Masonry Anchor type: Model: PF3–134 ITW Ramset Red Head, 3/16" x 1 3/4", with 1 1/4" embedment @ 6" from top & bottom, and 12" o.c.

NOTE#6: System 4 angle made of 3003 aluminum, 1/2 to 1/3 hard H14–16. Placed 6" to 12" from ends, and every 24" o.c.

NOTE#7: Pop rivets are 1/8" aluminum rivet & plain steel mandrel, 2 per system 4 angle.

SYSTEM 4 ON CONCRETE BLOCK
LAMINATOR'S INC.
3255 SOUDERTON PIKE
HATFIELD, PA 19440

DATE: 12/14/09	REV.DATE:
PAGE 6 OF 6	DWG NO: LAM–6