



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

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 "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 05/14/04, signed and sealed by Richard Boyette, 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 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 **renews NOA # 03-1126.02** 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]
 5/18/09

NOA No. 09-0402.14
 Expiration Date: July 01, 2014
 Approval Date: June 10, 2009
 Page 1

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 05/14/04, signed and sealed by Richard Boyette, P.E.
"Submitted under NOA # 03-1126.02"

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"

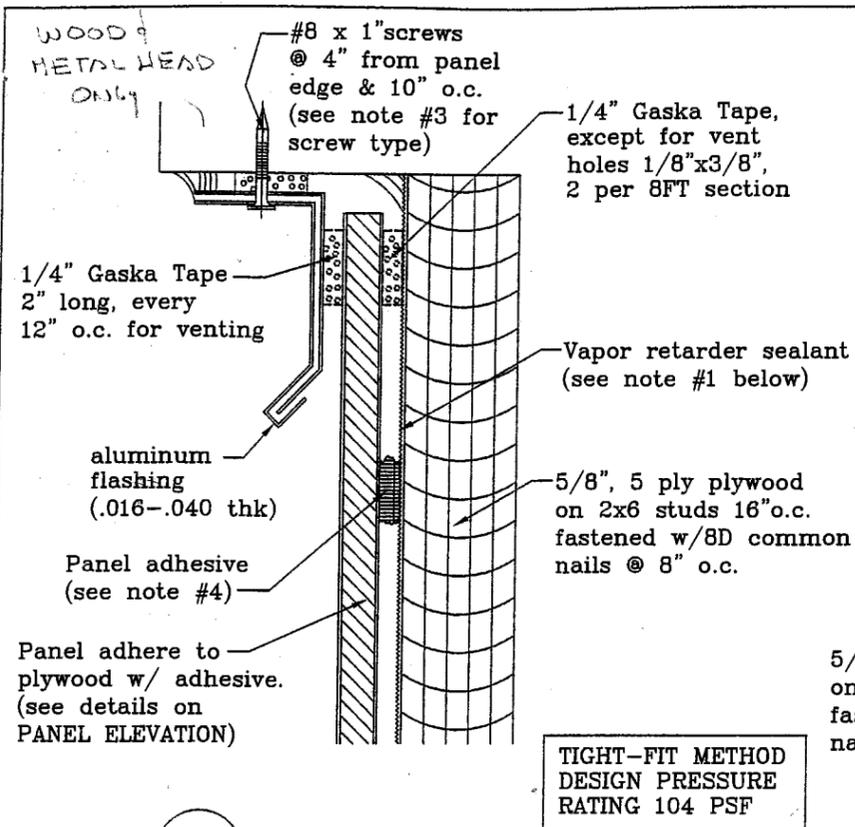
F. STATEMENTS

1. No change letter issued by Laminators, Inc., dated 03/20/09, signed by John T. Wrght.
2. Statement letter of code conformance issued by C-Buck Engineering, dated 09/25/08, signed and sealed by James L. Buckner, P.E.
3. 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"



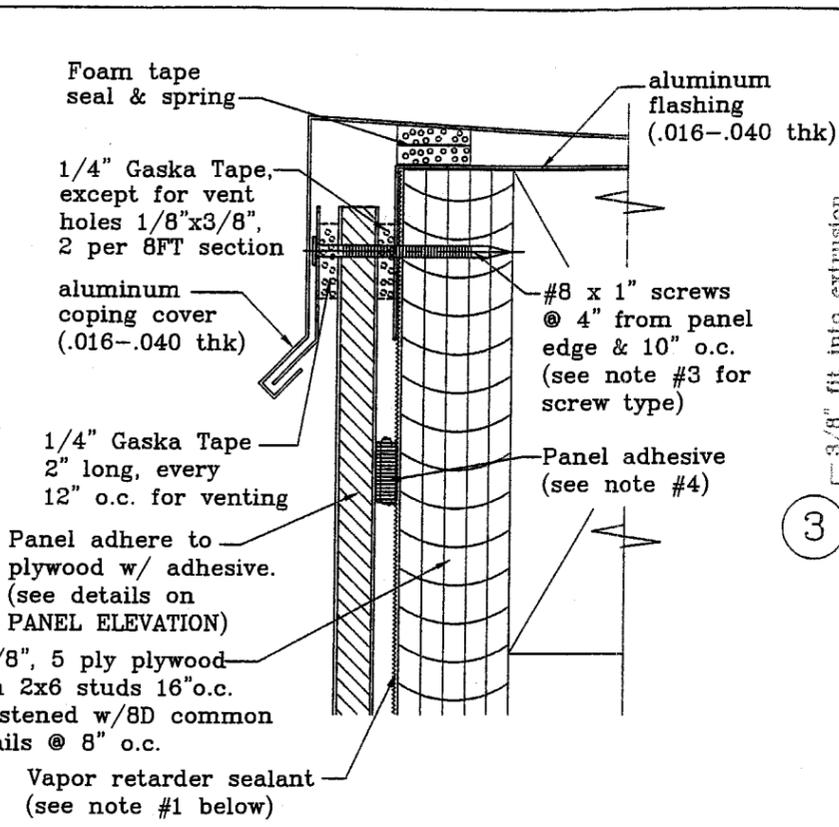
5/18/09

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 09-0402.14
Expiration Date: July 01, 2014
Approval Date: June 10, 2009

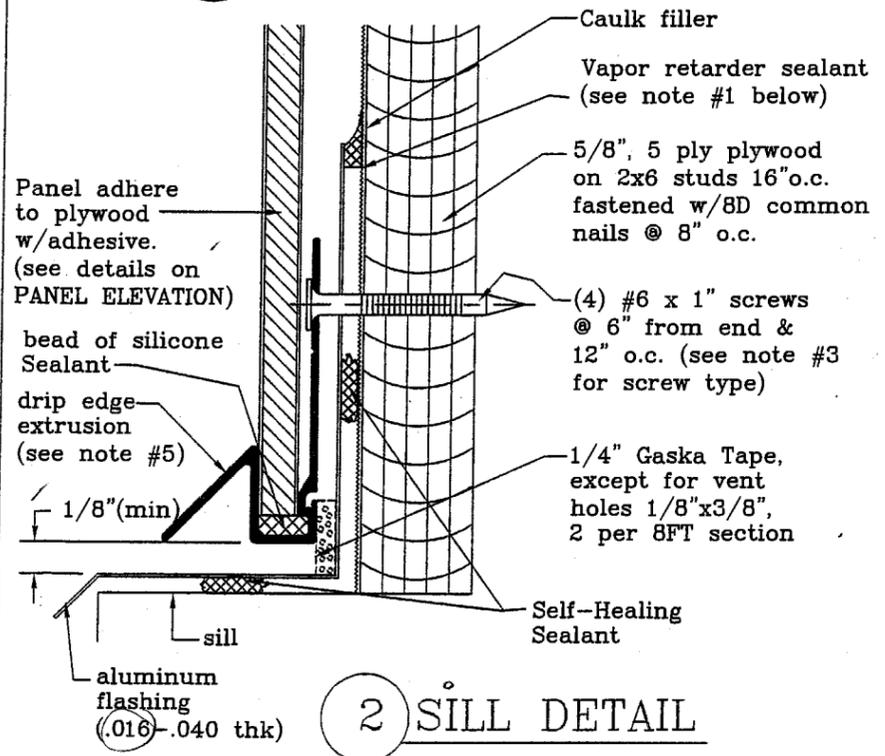


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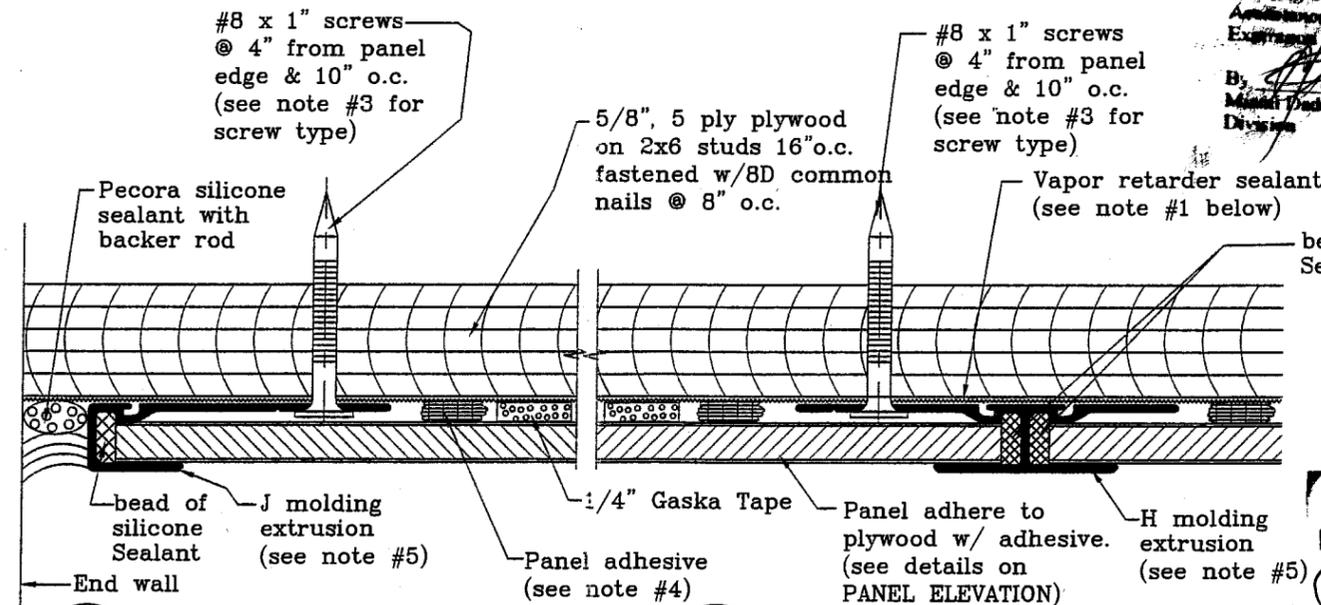
TIGHT-FIT METHOD
DESIGN PRESSURE
RATING 104 PSF



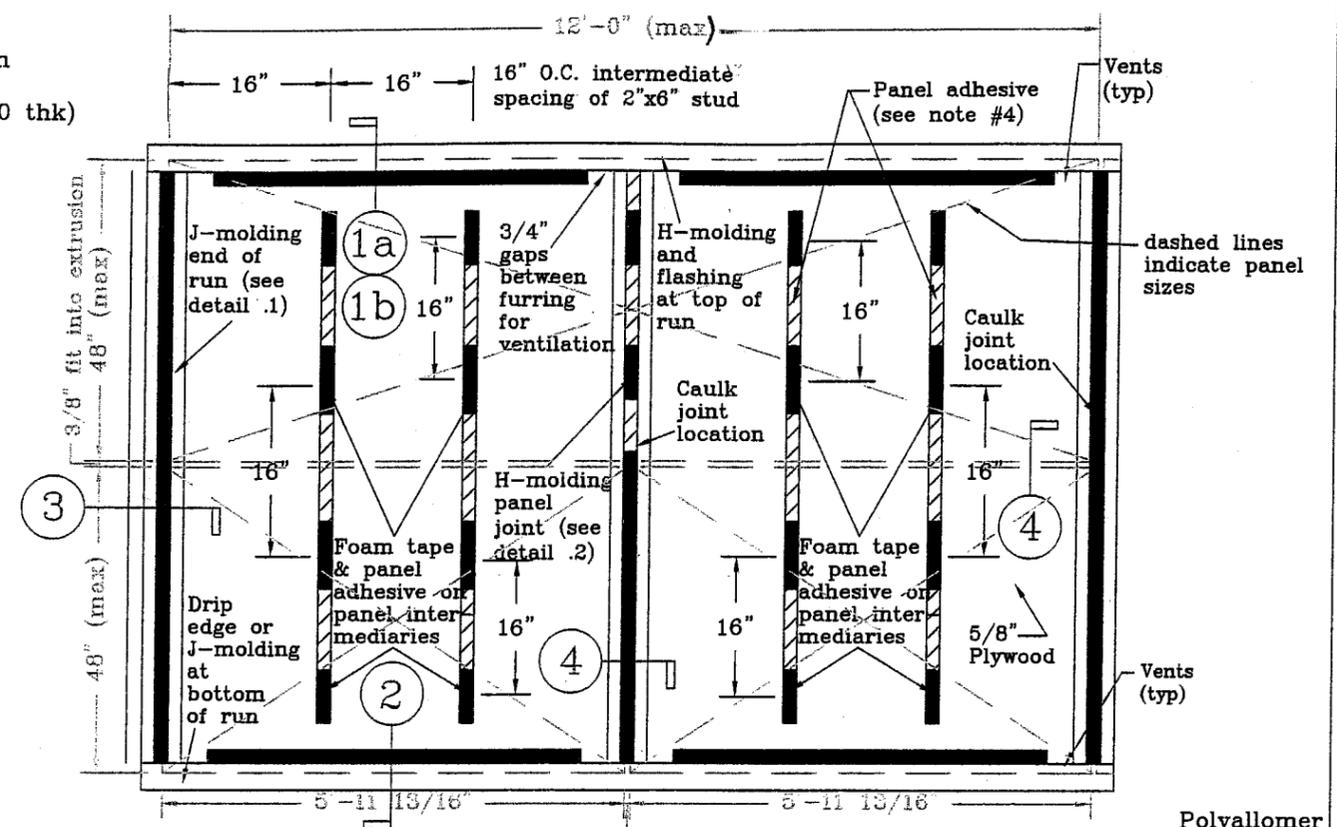
1b DETAIL



2 SILL DETAIL

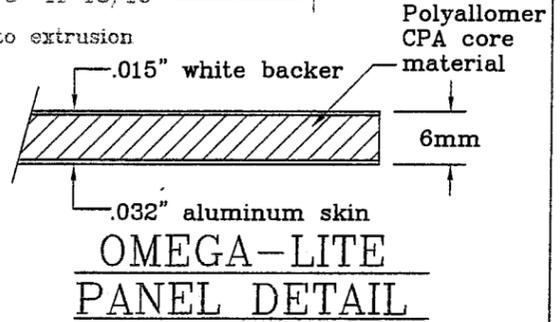


3 END DETAIL



PANEL ELEVATION

PRODUCT RENEWED as complying with the Florida Building Code Amendment No 09-0402.14 Effective Date 07/01/2014
By: [Signature]
Miami Dade Product Control Division



FOR OFFICAL USE ONLY

Approved as complying with the Florida Building Code
Date: 07/01/04
RESAN 03-1126.02
Miami Dade Product Control Division

R Boyette FL PE #42485
4031 Coconut Blvd
Royal Palm Bch FL 33411

SYSTEM 1 ON 5/8" PLYWOOD

LAMINATOR'S INC.
3255 SOUDERTON PIKE
HATFIELD, PA 19440
RICHARD BOYETTE, PE PE#42485
DATE: 5/14/04 REV. DATE:
PAGE 1 OF 6 DWG NO: LAM-1

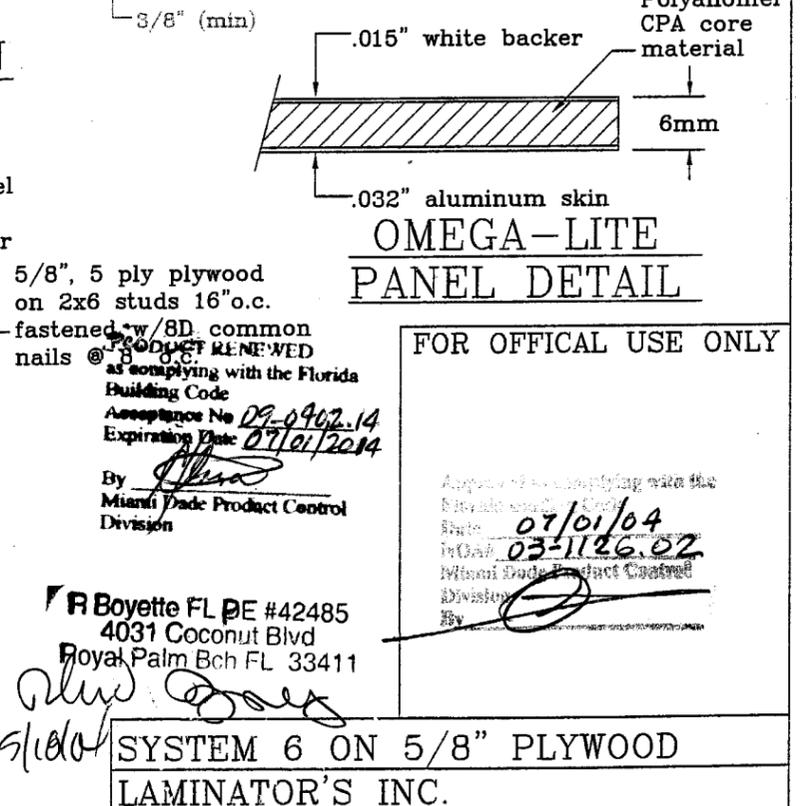
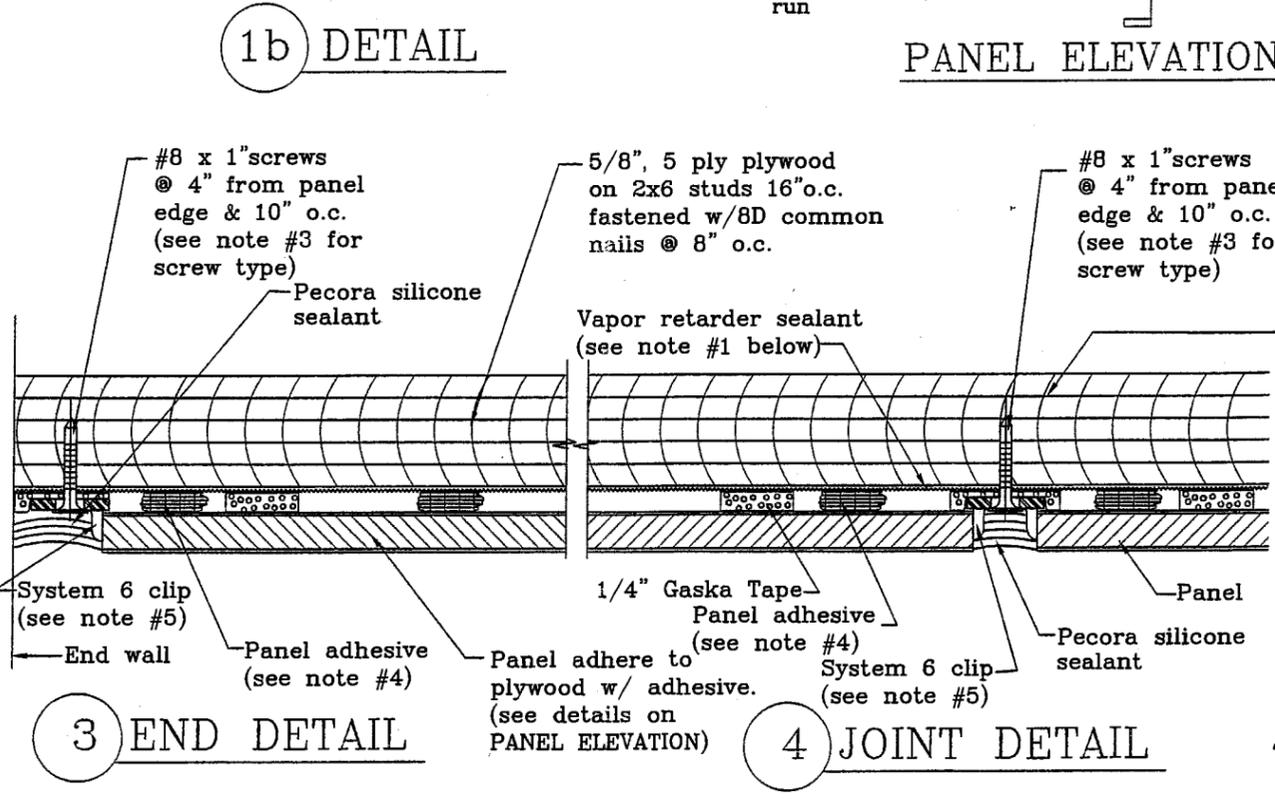
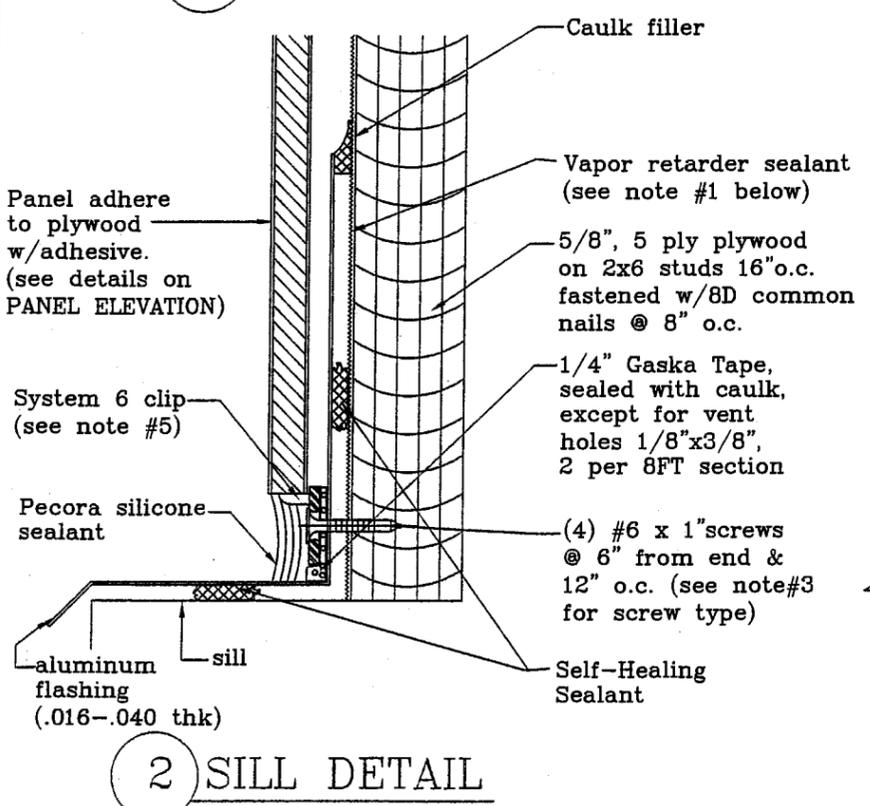
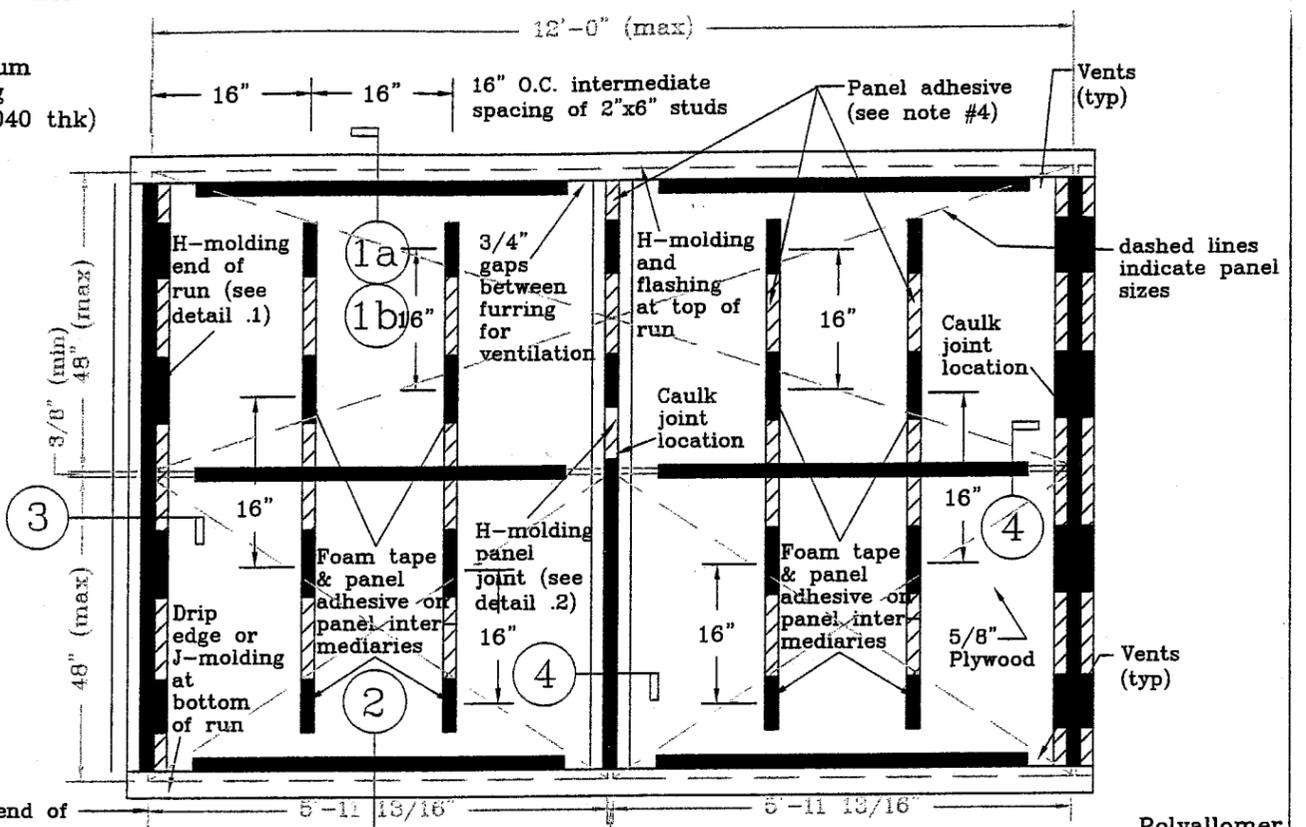
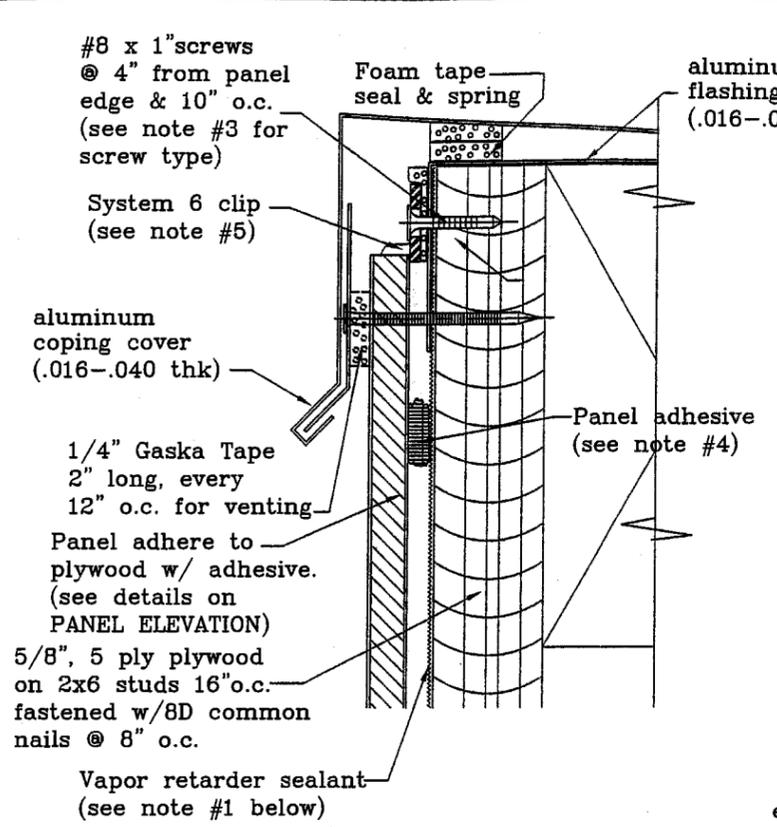
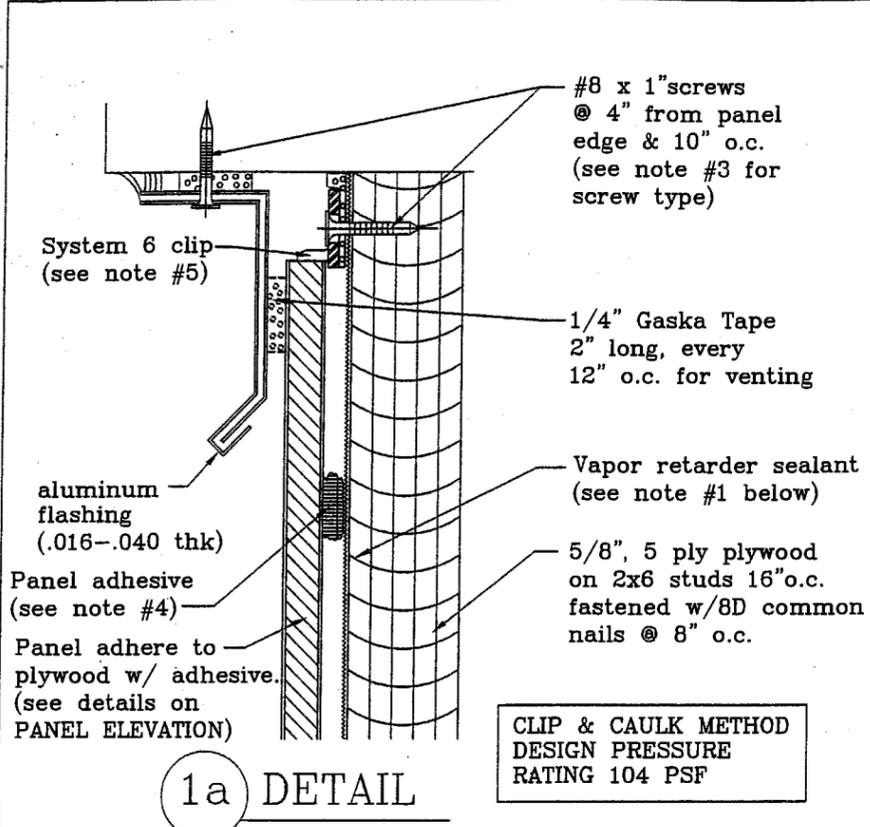
NOTE#1: Vapor retarder sealant is called Polybrane 171, manufactured by Vitricon. It is a water shedding, vapor permeable, liquid applied seal membrane. Two coats applied.

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

NOTE#3: Screw types TEKBuildex screws, stainless steel Wood screws, hot dipped galv. Sheet metal screws, stainless steel. Screw head to be for 3/8" WOOD OR 1/2" GALV STEEL (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".



NOTE#1: Vapor retarder sealant is called Polybrane 171, manufactured by Vitricon. It is 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 TEK Buildex screws, stainless steel Wood screws, hot dipped galv. Sheet metal screws, stainless steel. Screw head to be for 5/8" wood or 1/2" steel. (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.

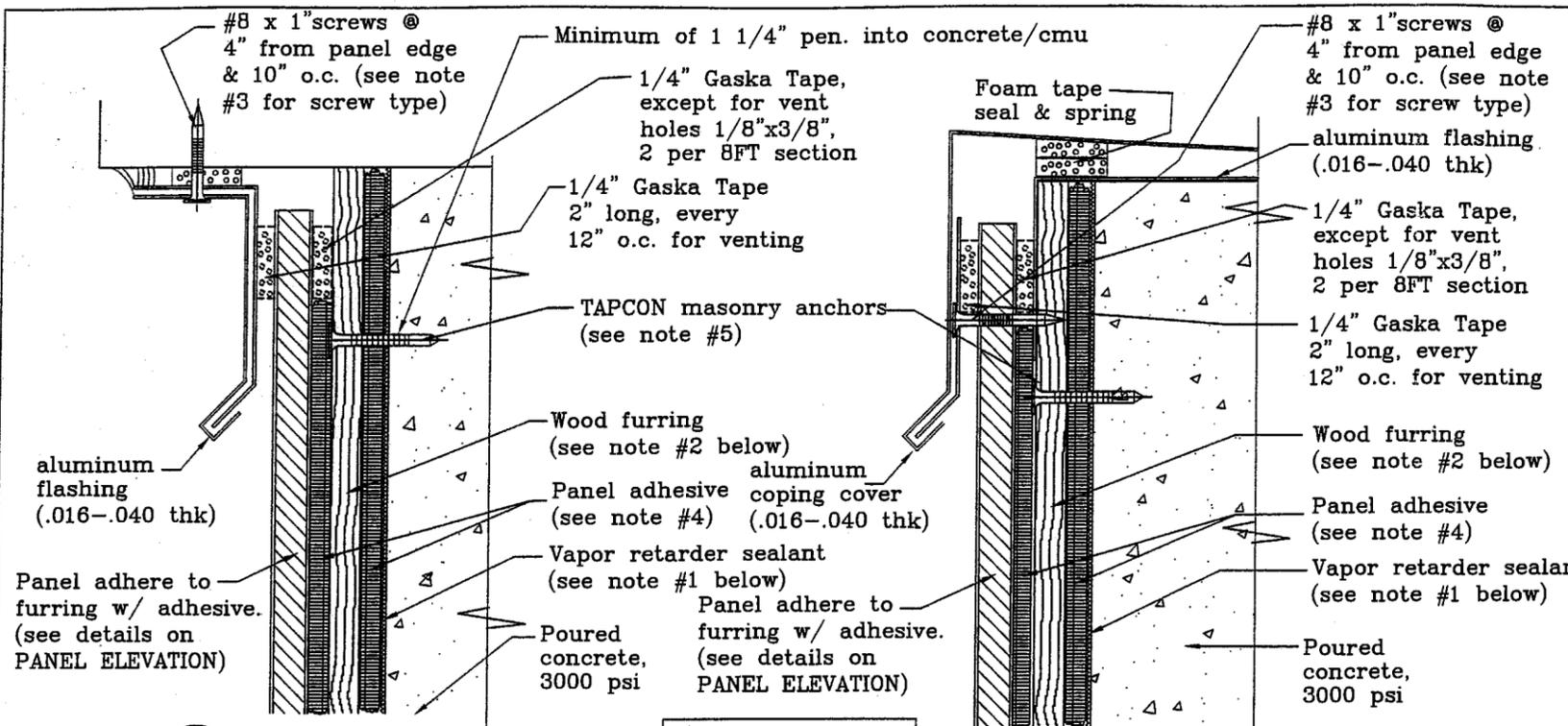
3255 SOUDERTON PIKE

HATFIELD, PA 19440

RICHARD BOYETTE, PE PE#42485

DATE: 5/14/04 REV. DATE:

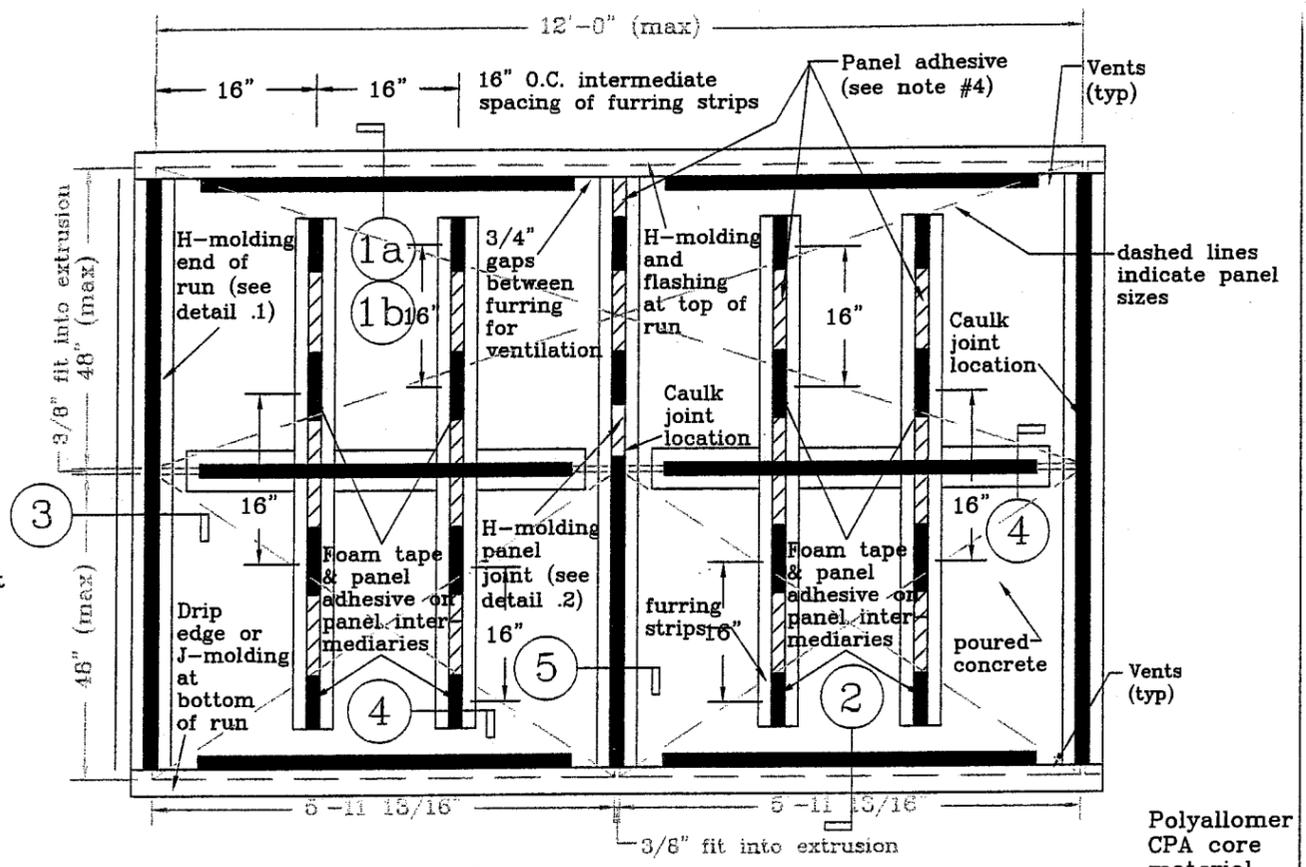
PAGE 2 OF 6 DWG NO: LAM-2



1a DETAIL

1b DETAIL

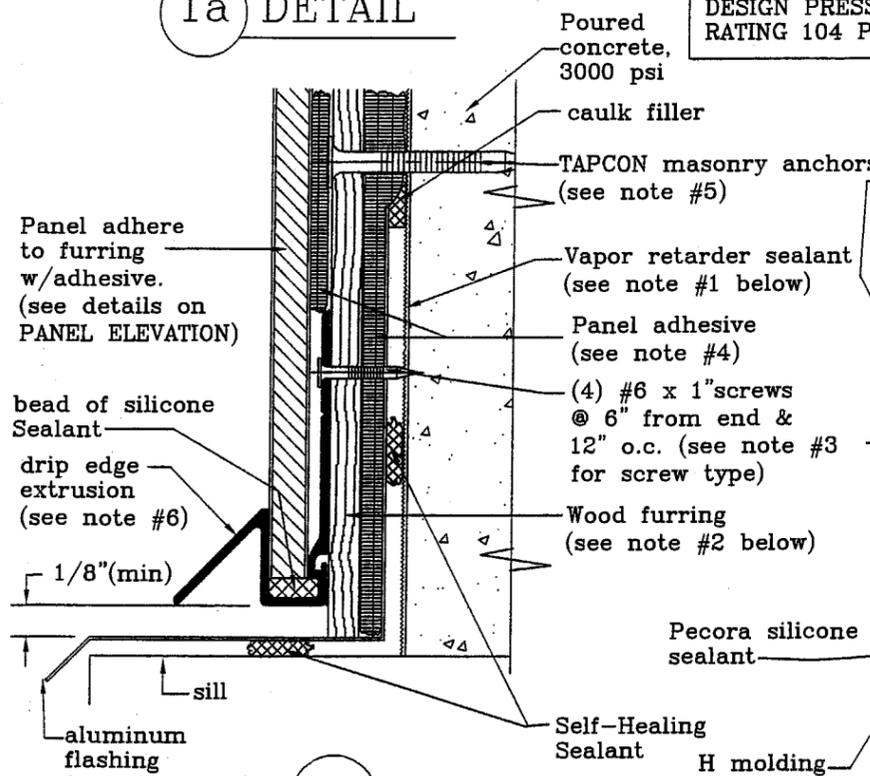
TIGHT-FIT METHOD
DESIGN PRESSURE
RATING 104 PSF



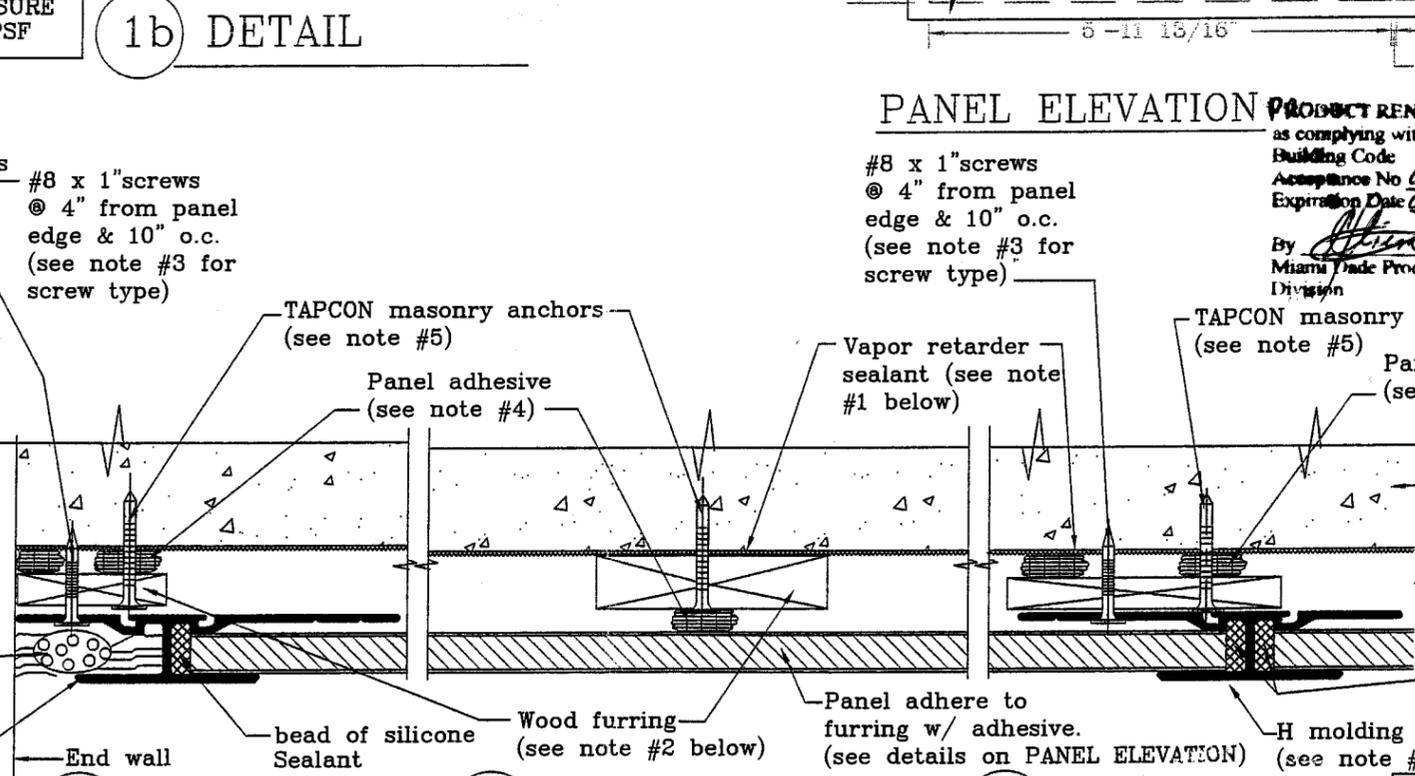
PANEL ELEVATION

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 07-0402.14
Expiration Date 07/01/2014

By *[Signature]*
Miami Trade Product Control
Division



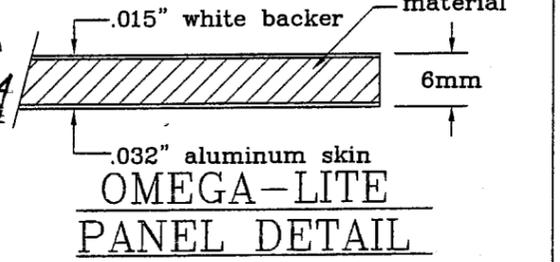
2 SILL DETAIL



3 END DETAIL

4 FURRING DETAIL

5 JOINT DETAIL



OMEGA-LITE
PANEL DETAIL

FOR OFFICIAL USE ONLY

Approved as complying with the
Florida Building Code
Date 07/01/09
03-1126.02
Miami Trade Product Control
Division

NOTE#1: Vapor retarder sealant is called Polybrane 171, manufactured by Vitricon. It is a water shedding, vapor permeable, liquid applied seal membrane. Two coats applied.
NOTE#2: Wood furring strips to be Southern Pine PT 1x3 nominal @ 16" o.c.

NOTE#3: Screw types
TEKBuildex screws, stainless steel
Wood screws, hot dipped galv.
Sheet metal screws, stainless steel.
Screw head to be for 50,55000 or 1860 STEEL.
(see attached documentation for shear and pullout test results)

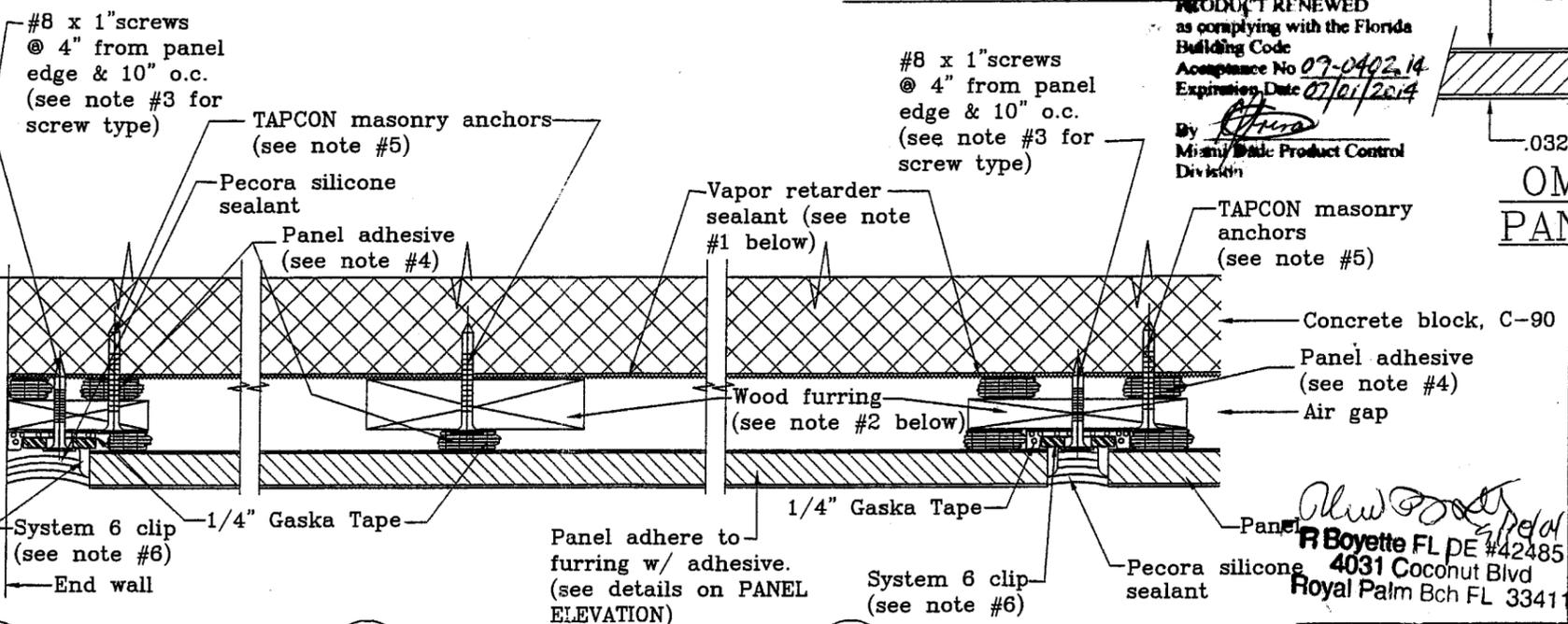
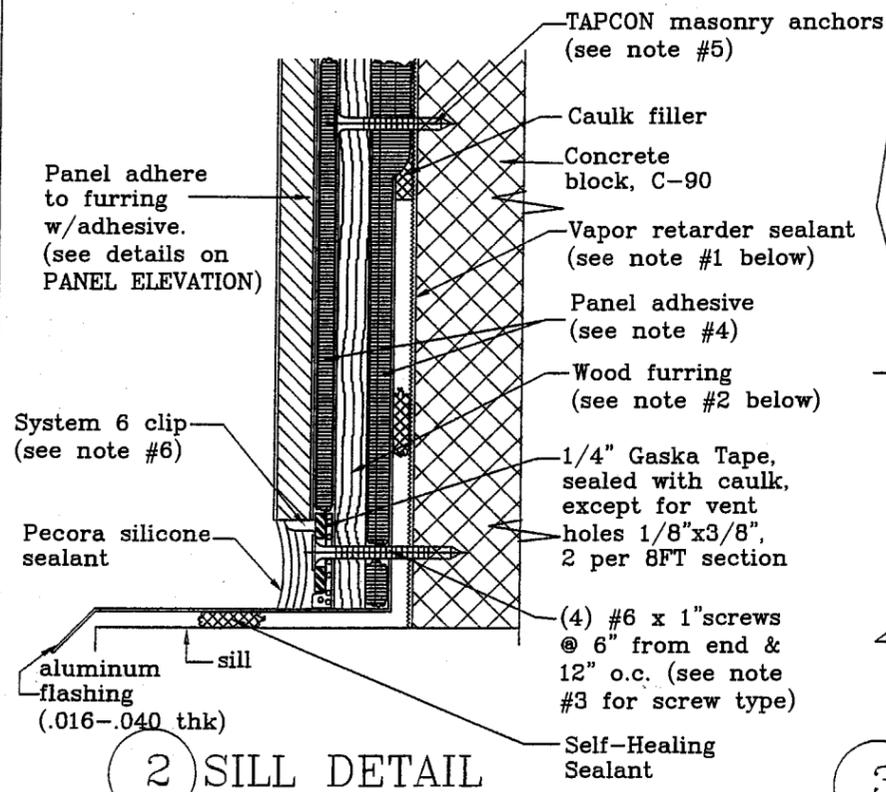
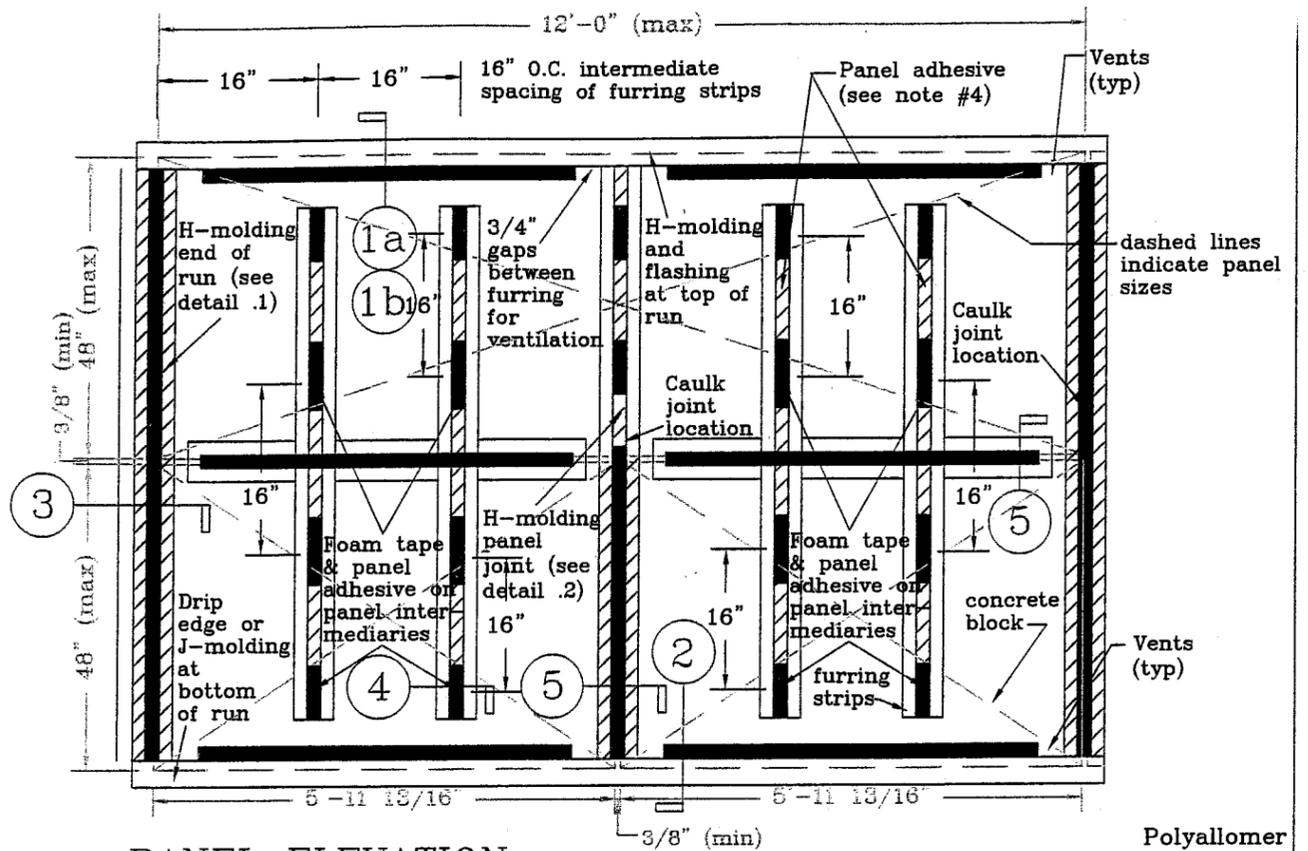
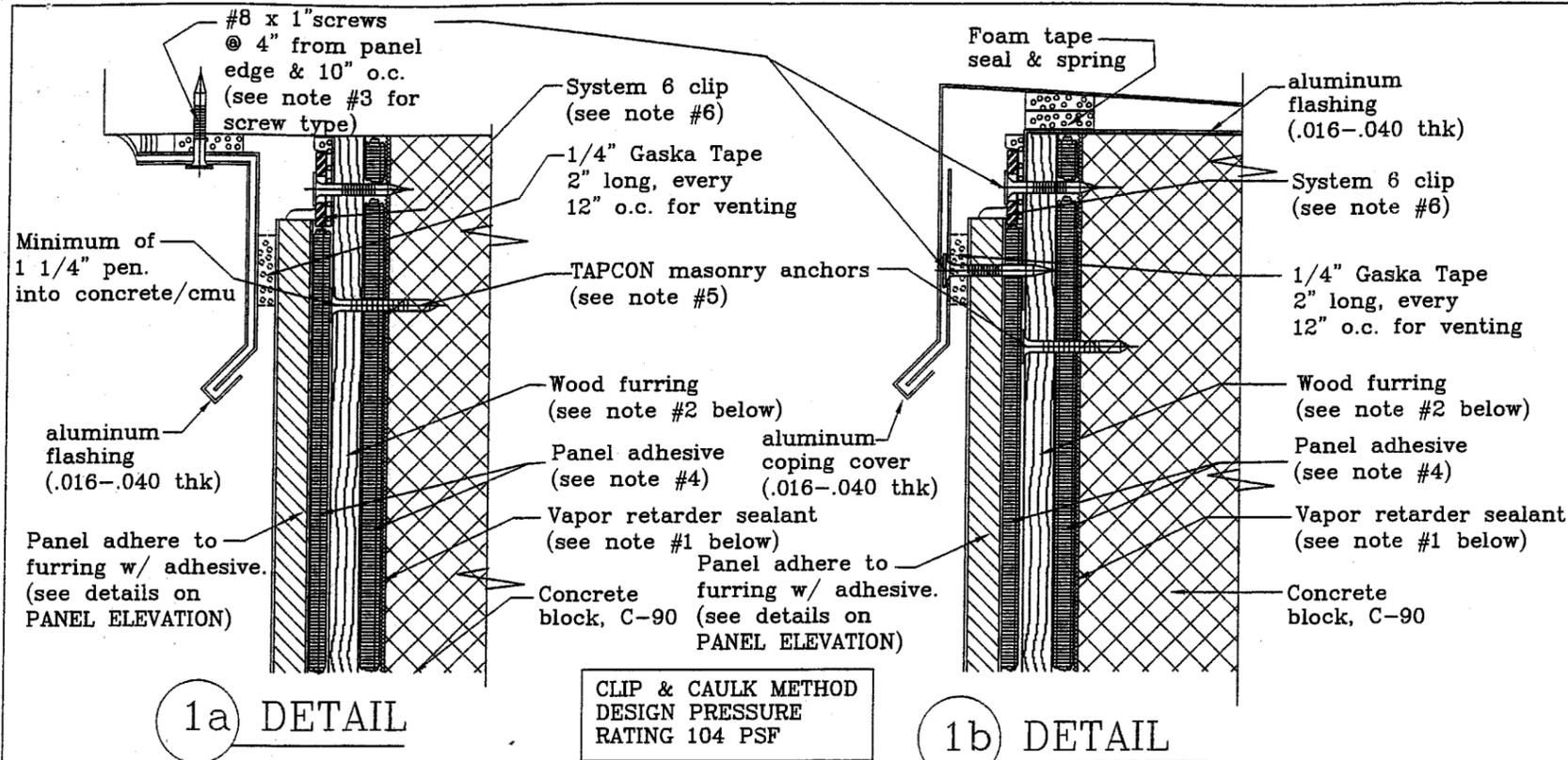
NOTE#4: Panel adhesive to be Liquid Nails, heavy duty construction, LN901, applied to furring strips, 3" diameter, 3/8" thick, every 16" o.c.

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.

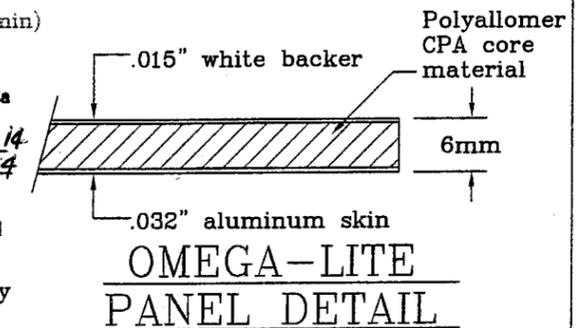
NOTE#6: All extrusion moldings made of Alloy 6063, temper T-4. Thickness is 0.045".
R Boyette FL PE #42485
4031 Coconut Blvd
Royal Palm Bch FL 33411

SYSTEM 1 ON POURED CONCRETE
LAMINATOR'S INC.
3255 SOUDERTON PIKE
HATFIELD, PA 19440
RICHARD BOYETTE, PE PE#42485
DATE: 5/14/04 REV.DATE:
PAGE 3 OF 6 DWG NO: LAM-3

[Handwritten signature]



PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 07-0402.14
Expiration Date 07/01/2014
By *[Signature]*
Miami/Dade Product Control
Division



FOR OFFICIAL USE ONLY

Approved as complying with the
Florida Building Code
Date 07/01/04
NO. 03-1126.02
Miami/Dade Product Control
Division
By *[Signature]*

[Signature]
R Boyette FL PE #42485
4031 Coconut Blvd
Royal Palm Bch FL 33411

NOTE#1: Vapor retarder sealant is called Polybrane 171, manufactured by Vitricon. It is a water shedding, vapor permeable, liquid applied seal membrane. Two coats applied.

NOTE#2: Wood furring strips to be Southern Pine PT 1 x 3" nominal @ 16" o.c.

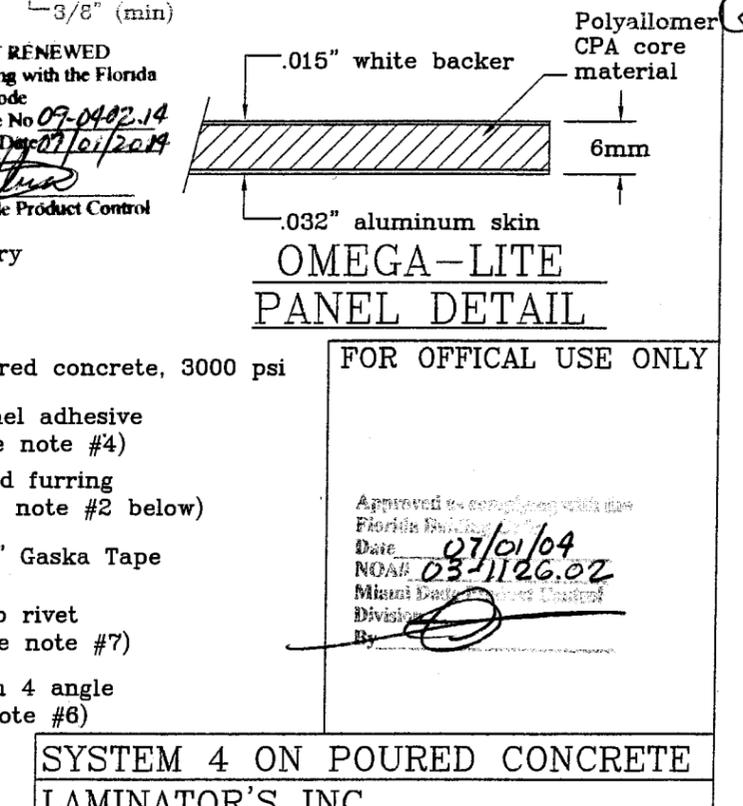
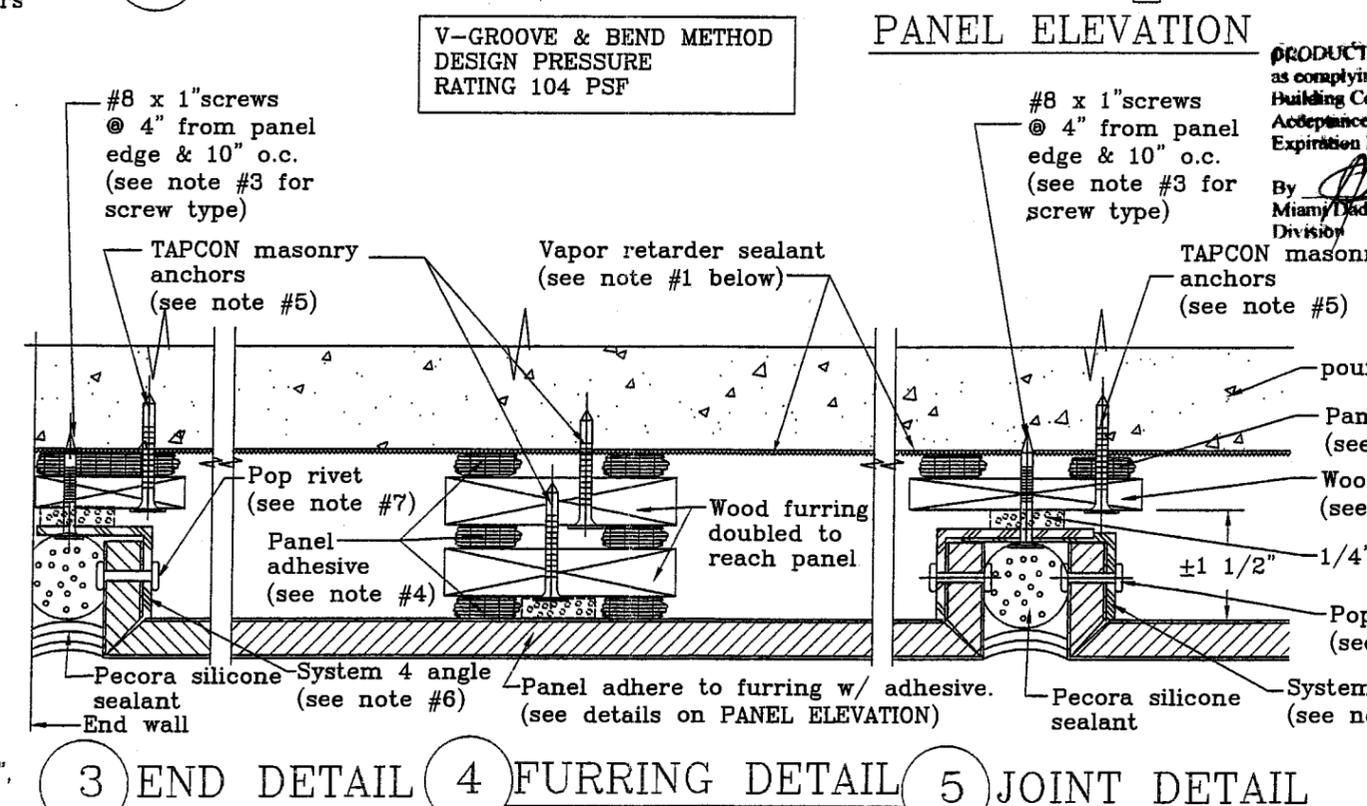
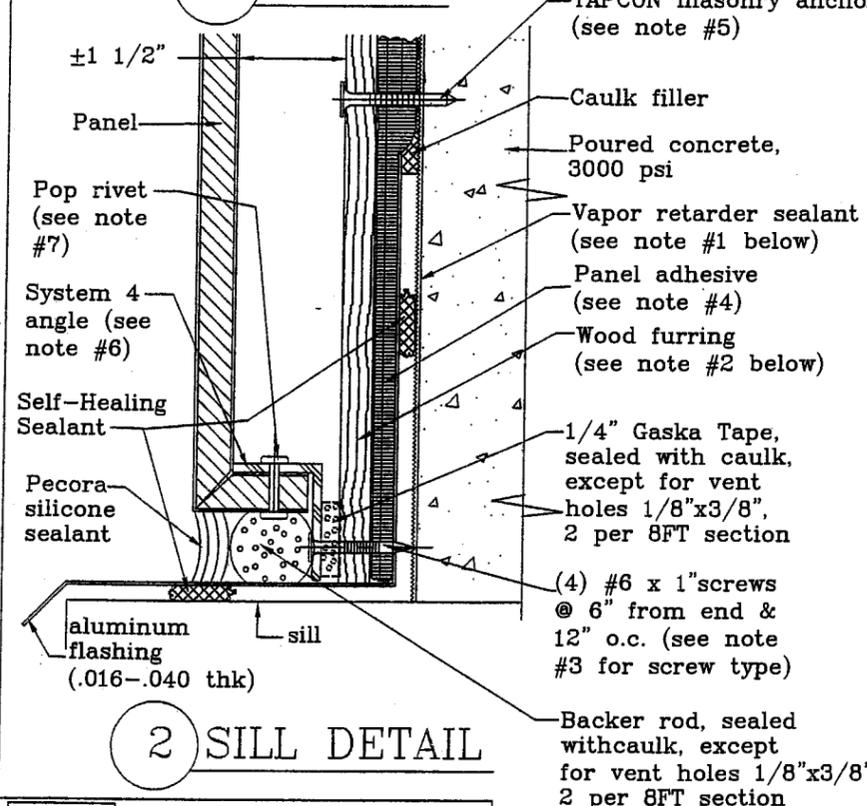
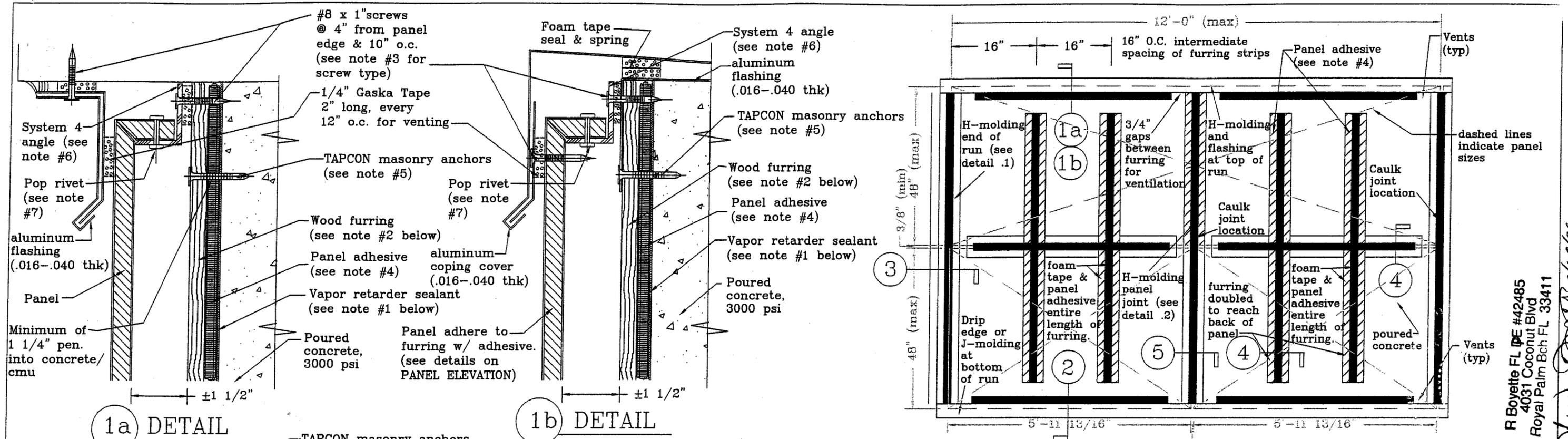
NOTE#3: Screw types
TEKBuildex screws, stainless steel
Wood screws, hot dipped galv.
Sheet metal screws, stainless steel.
Screw head to be for 56, 58, 60 or 18 GA STEEL.
(see attached documentation for shear and pullout test results)

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: PF3-214 ITW Ramset Red Head, 3/16" x 2 1/4", with 1 1/2" 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
RICHARD BOYETTE, PE PE#42485
DATE: 5/14/04 REV. DATE:
PAGE 4 OF 6 DWG NO: LAM-4**



NOTE#1: Vapor retarder sealant is called Polybrane 171, manufactured by Vitricon. It is 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
 TEKBuildex screws, stainless steel
 Wood screws, hot dipped galv.
 Sheet metal screws, stainless steel.
 Screw head to be for 35,33 wood or 18GA STEEL.
 (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.

V-GROOVE & BEND METHOD
 DESIGN PRESSURE
 RATING 104 PSF

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No 07-0402.14
 Expiration Date 07/01/2019
 By *[Signature]*
 Miami/Dade Product Control
 Division

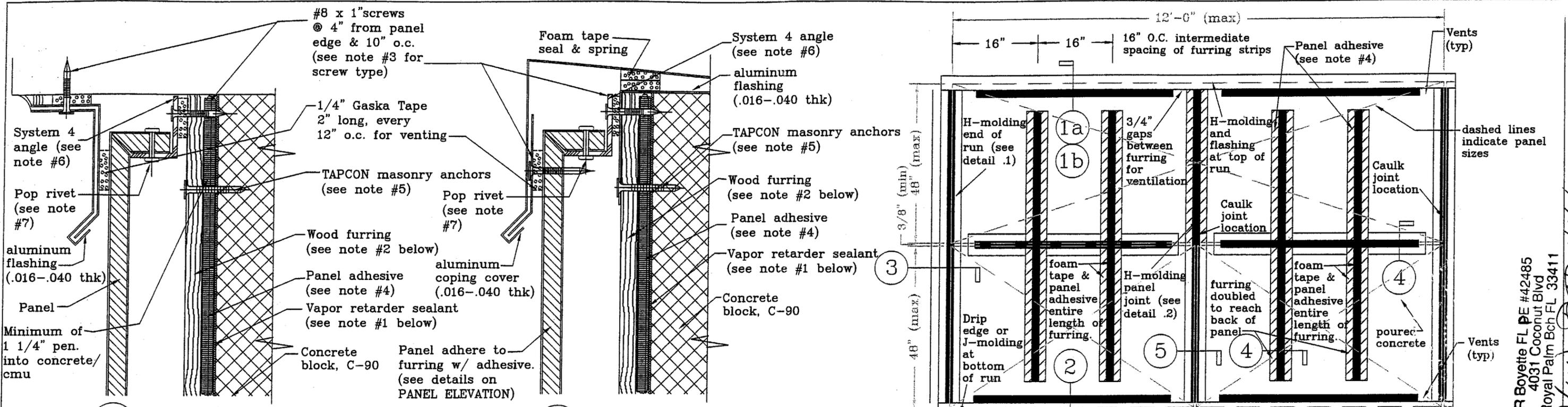
FOR OFFICIAL USE ONLY

Approved to comply with the
 Florida Building Code
 Date 07/01/04
 NOA# 03-1126.02
 Miami/Dade Product Control
 Division
 By *[Signature]*

SYSTEM 4 ON POURED CONCRETE
 LAMINATOR'S INC.
 3255 SOUDERTON PIKE
 HATFIELD, PA 19440
 RICHARD BOYETTE, PE PE#42485
 DATE: 5/14/04 REV. DATE:
 PAGE 5 OF 6 DWG NO: LAM-5

R Boyette FL PE #42485
 4031 Coconut Blvd
 Royal Palm Bch FL 33411

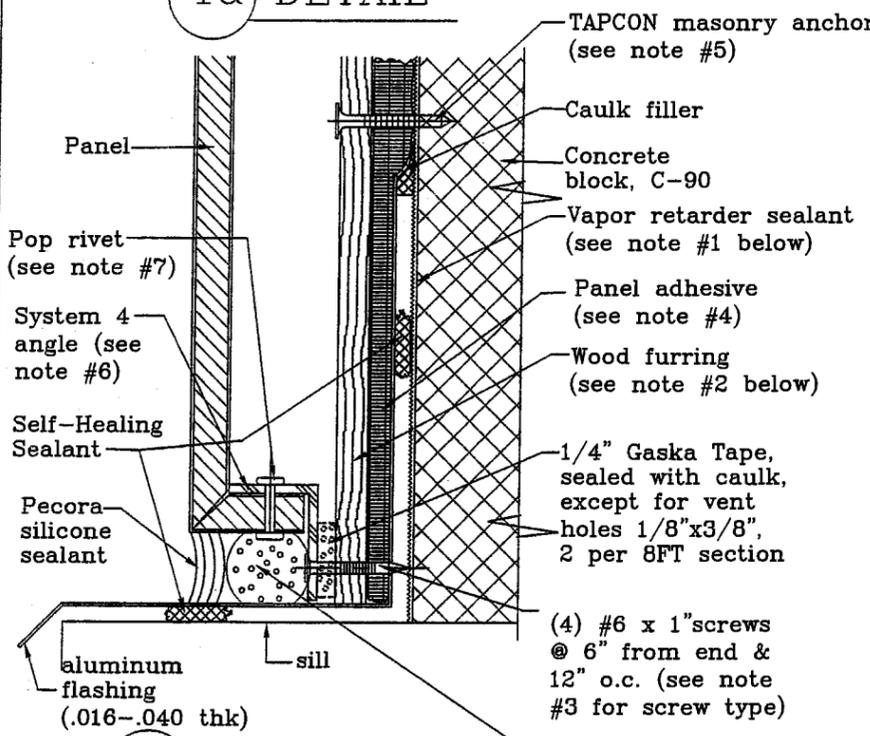
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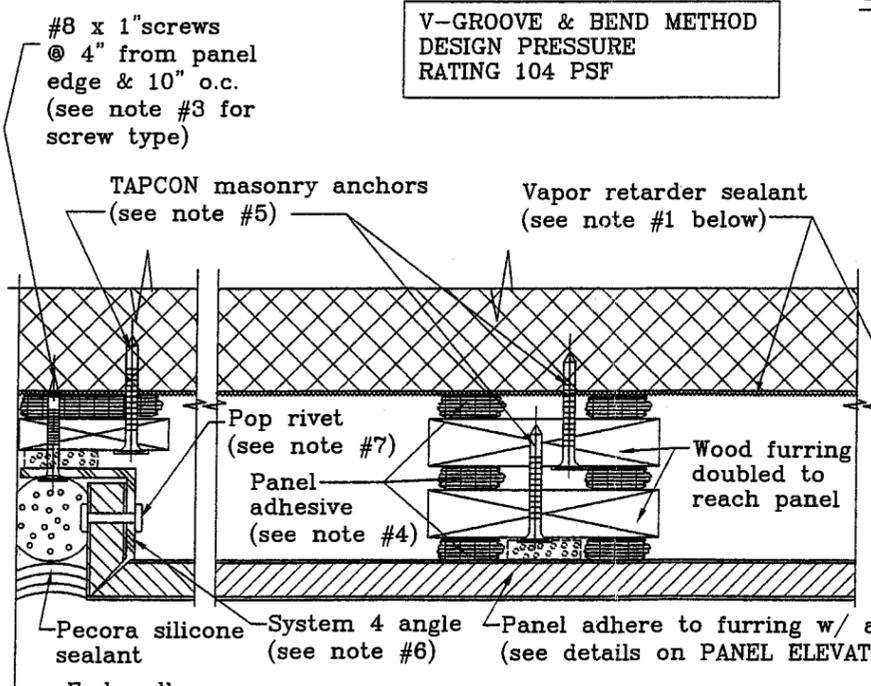
1a DETAIL

1b DETAIL

PANEL ELEVATION

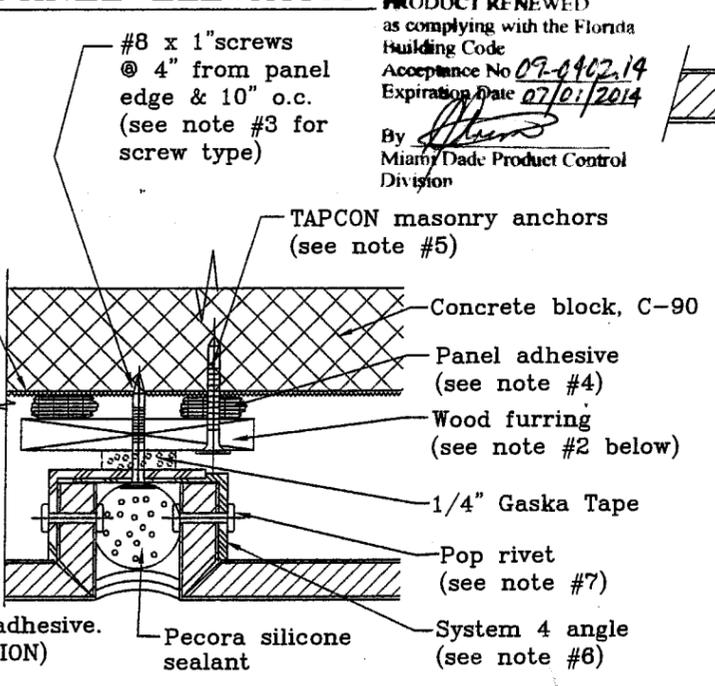


2 SILL DETAIL

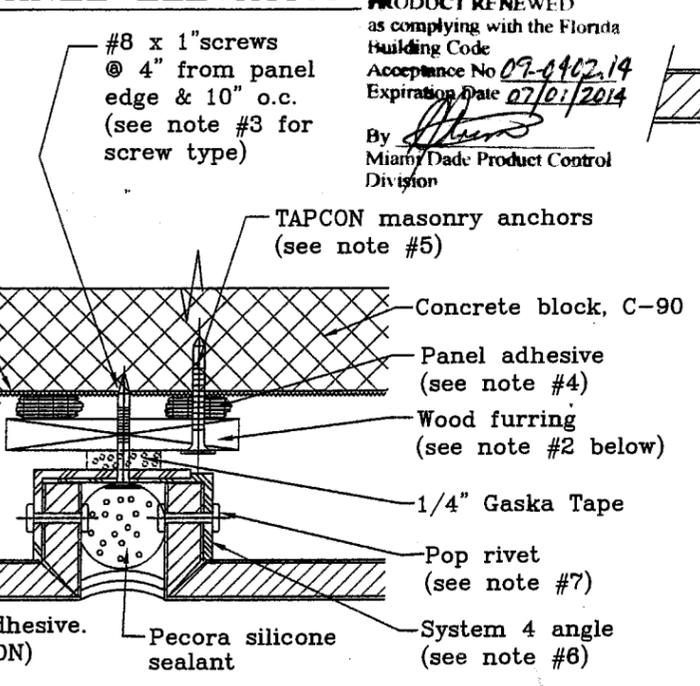


3 END DETAIL

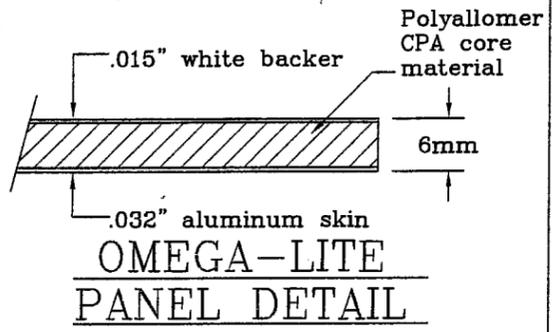
V-GROOVE & BEND METHOD
DESIGN PRESSURE
RATING 104 PSF



4 FURRING DETAIL



5 JOINT DETAIL



OMEGA-LITE
PANEL DETAIL

FOR OFFICIAL USE ONLY

Approved by _____ with the
Florida Building Code
Date: 07/01/04
Mandatory Date: 03/11/06
Division: Miami Dade Product Control
By: _____

NOTE#1: Vapor retarder sealant is called Polybrane 171, manufactured by Vitricon. It is 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
TEKBuildex screws, stainless steel
Wood screws, hot dipped galv.
Sheet metal screws, stainless steel.
Screw head to be for SG.55 WOOD OR 18 GA. STEEL.
(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: PF3-214 ITW Ramset Red Head, 3/16" x 2-1/4", with 1 1/2" 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	
RICHARD BOYETTE, PE PE#42485	
DATE: 5/14/04	REV. DATE:
PAGE 6 OF 6	DWG NO: LAM-6

R Boyette FL PE #42485
4031 Coconut Blvd
Royal Palm Bch FL 33411

Handwritten signature and date: 5/14/04