



**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)

**Laminator Incorporated.
3255 Souderton Pike
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-Late Panels Systems 1, 4 & 6

APPROVAL DOCUMENT: Drawing No. LAM 1, 2, 3, 4, 5 & 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 2 of 6, prepared by Laminators Inc., dated 05/14/04, signed and sealed by R. Boyette, 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 & Small Missile Impact.

LABELING: Each panel shall bear a permanent label with the manufacturer's name or logo, city, state and the 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, evidence page as well as approval document mentioned above. The submitted documentation was reviewed by **Candido F. Font, P.E.**

[Handwritten signature]
07/01/04



**NOA No 03-1126.02
Expiration Date: 07/01/2009
Approval Date: 07/01/2004
Page 1**

Laminator Incorporated

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. Lam 1, 2, 3, 4, 5, & 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 R. Boyette, P.E.

B. TESTS

1. Test report of Static Air Pressure Test per TAS 202, Cyclic Wind Pressure Loading per 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 J. A. Reed PE.
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 J. A. Reed PE.

C. CALCULATIONS

1. Anchorage Calculations of Omega-Lite Aluminum Wall Panel prepared by Richard Boyette sheets 1 & 2 dated 09/04/03 signed and sealed by R. Boyette PE.
2. Anchorage Calculations of Omega-Lite Aluminum Wall Panel prepared by Richard Boyette sheets 1 & 2 dated 05/18/04 signed and sealed by R. Boyette, PE.

D. QUALITY ASSURANCE

1. Miami-Dade County Building Code Compliance Office.

E. MATERIAL CERTIFICATIONS

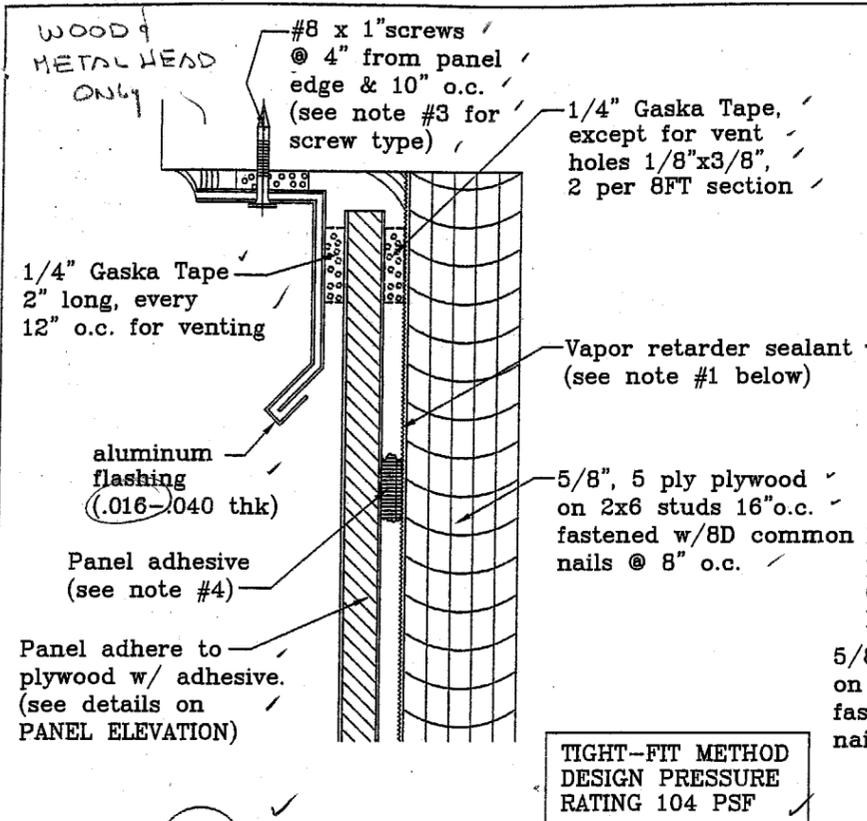
1. Aluminum Extrusions die drawings A-9, A-10, A-11A-15, 478-6, 512-3b & 50295 produced by Laminators Incorporate and Star Technologies.

F. OTHER

1. No financial interest letter issued on 11/03/03 signed and sealed by Richard Boyette, PE

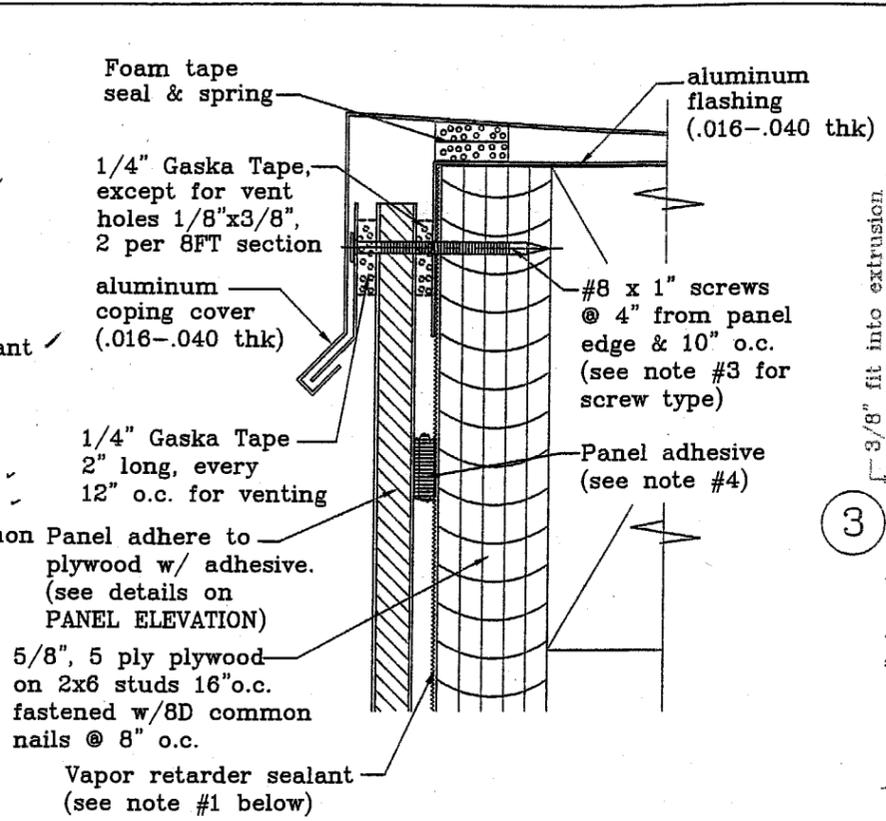


Candido F. Font P. E.
Senior Product Control Examiner
NOA No 03-1126.02
Expiration Date: 07/01/2009
Approval Date: 07/01/2004

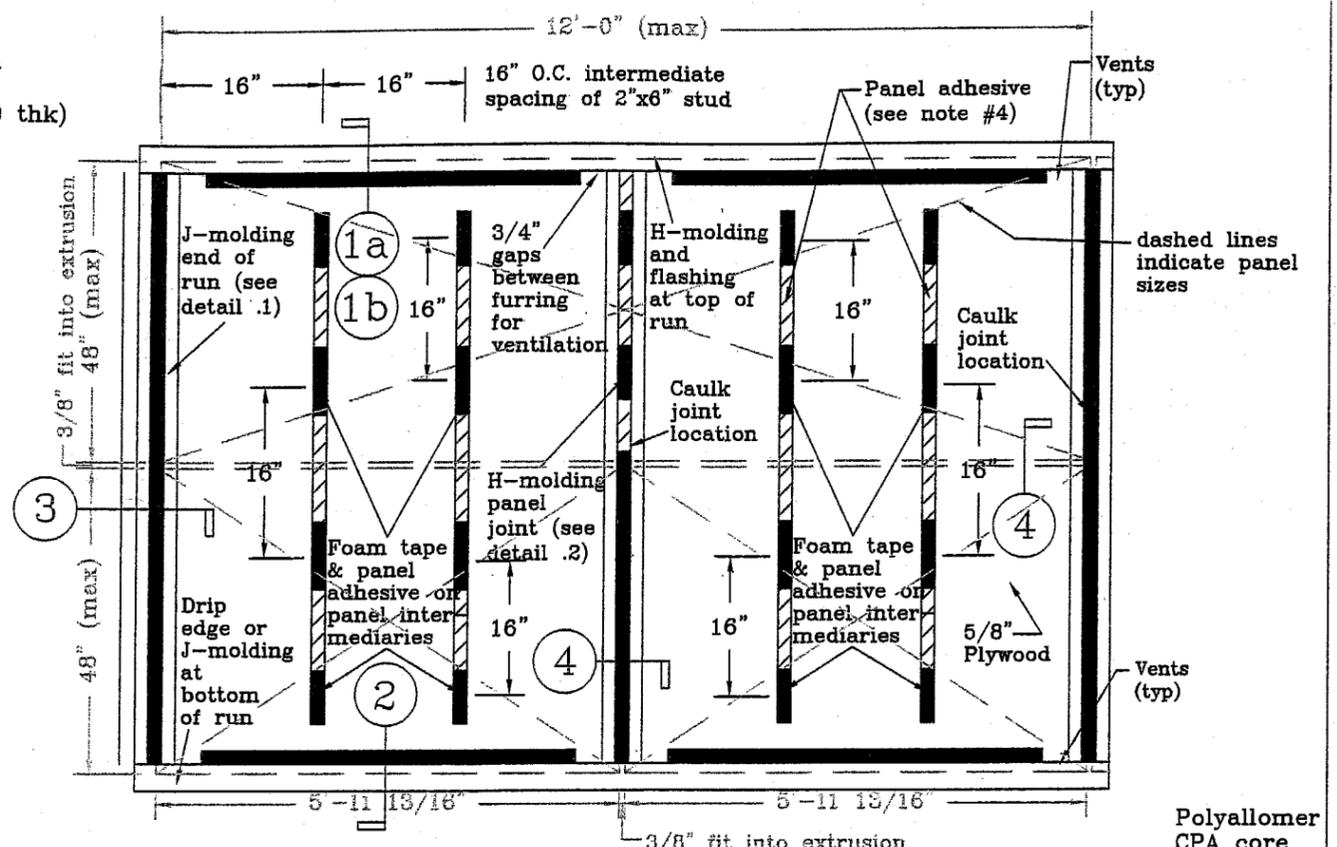


1a DETAIL

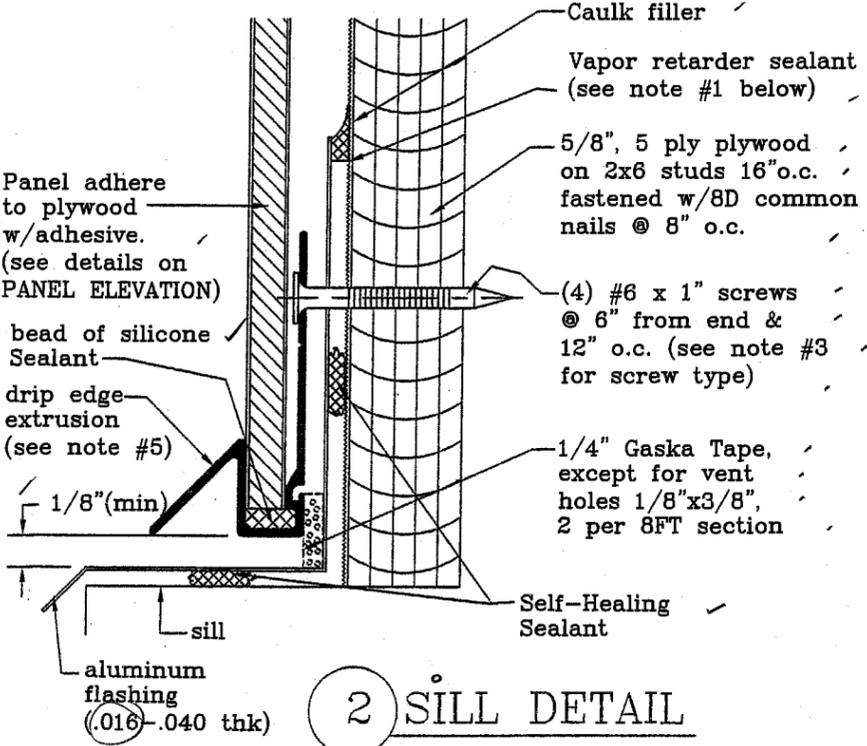
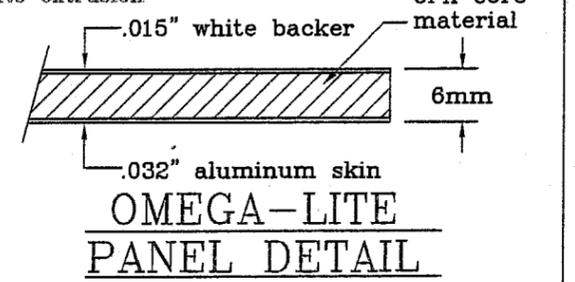
TIGHT-FIT METHOD DESIGN PRESSURE RATING 104 PSF



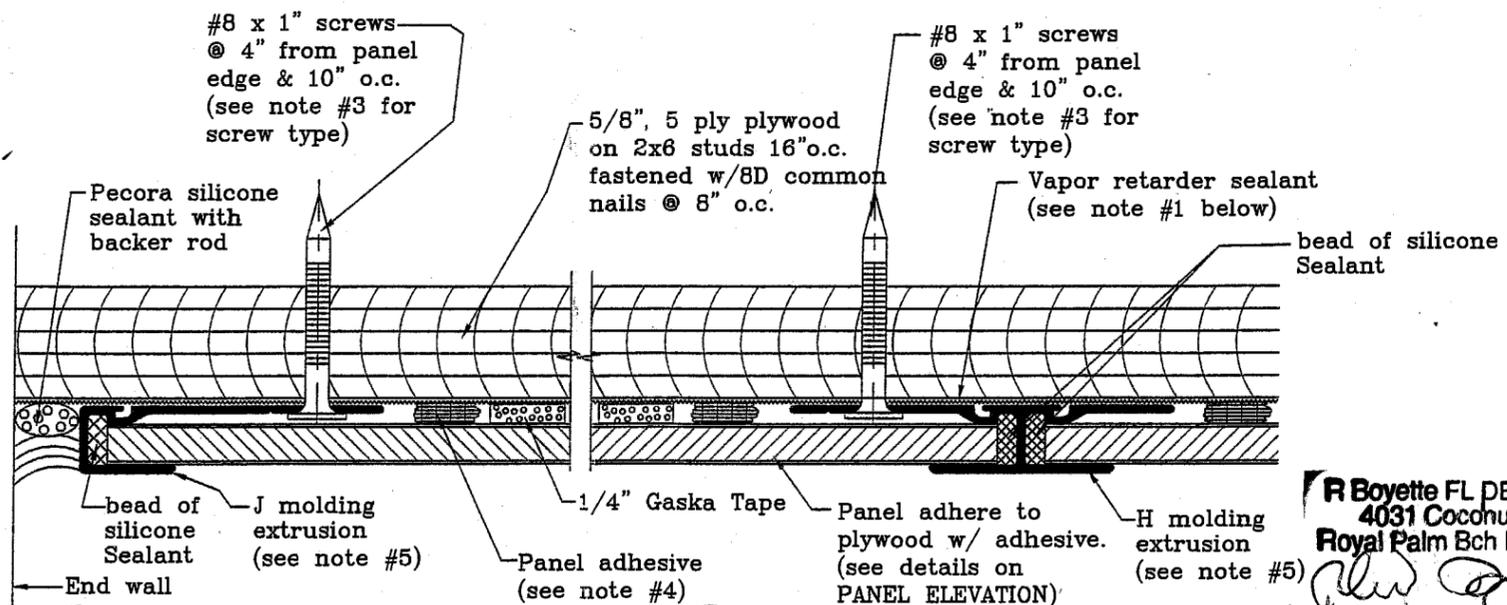
1b DETAIL



PANEL ELEVATION



2 SILL DETAIL



3 END DETAIL

4 JOINT DETAIL

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

FOR OFFICIAL USE ONLY

Approved as complying with the Florida Building Code
Date 07/01/04
NOAH 03-1126.02
Miami Dade Product Control Division
By [Signature]

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.

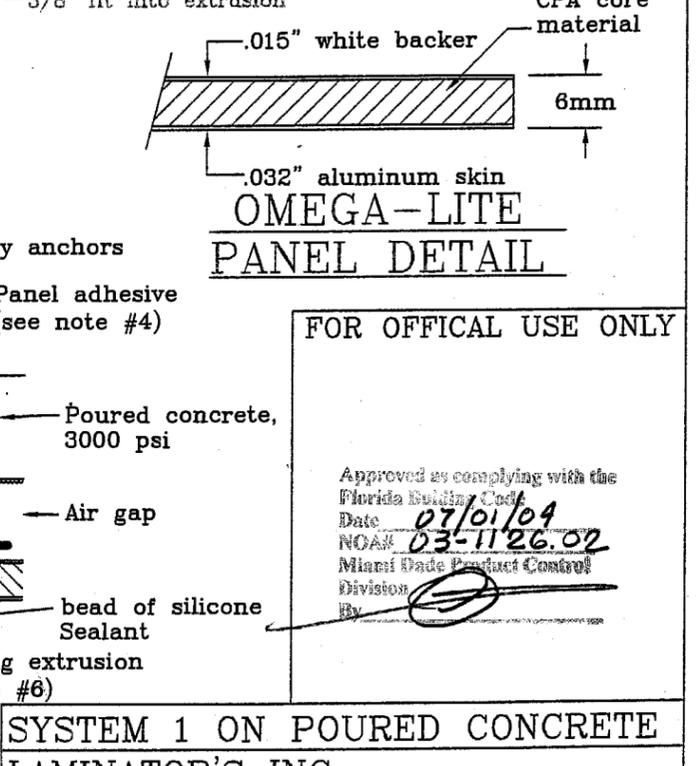
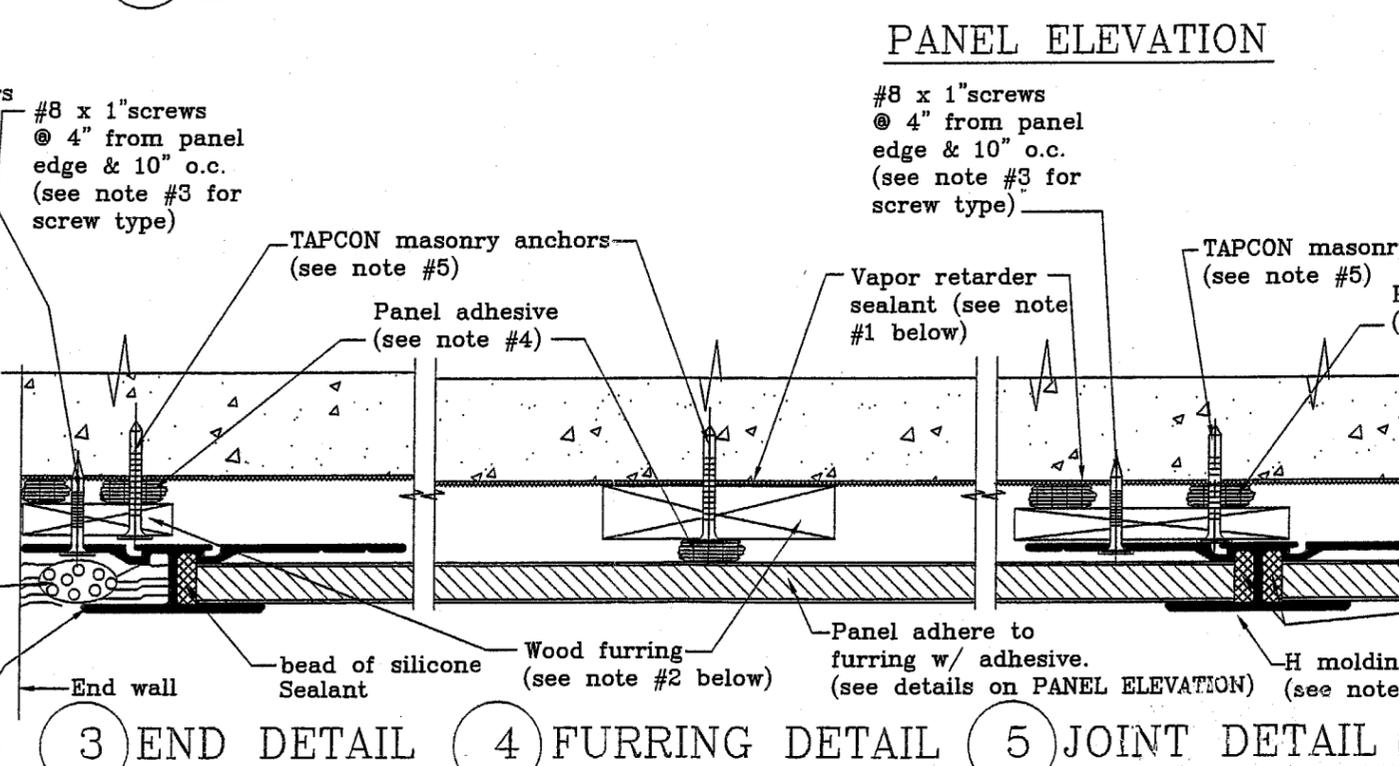
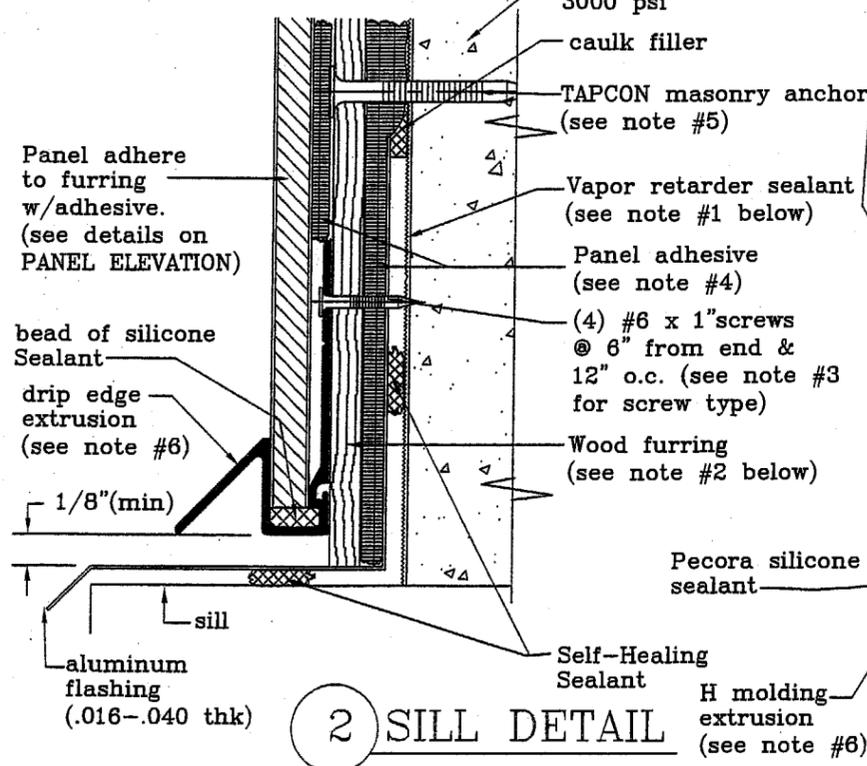
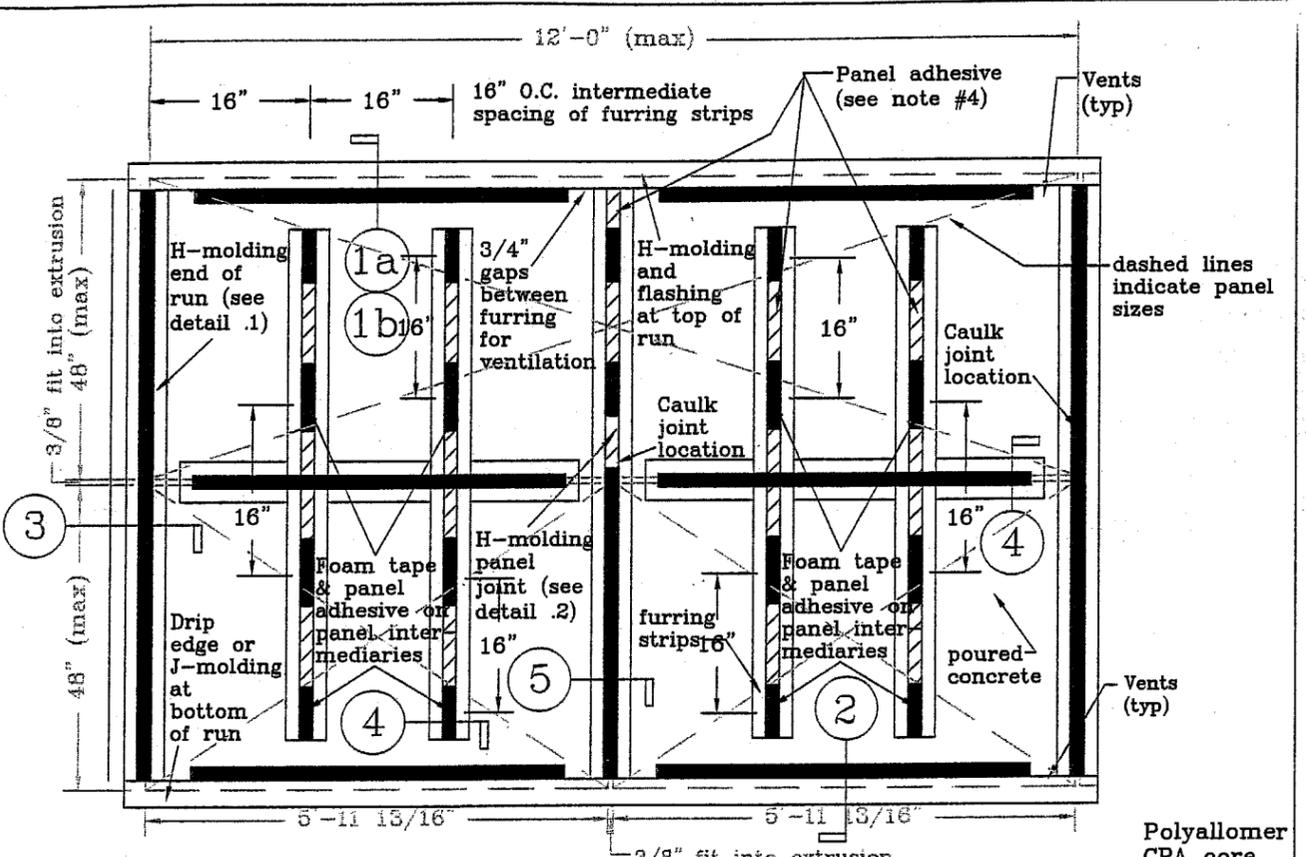
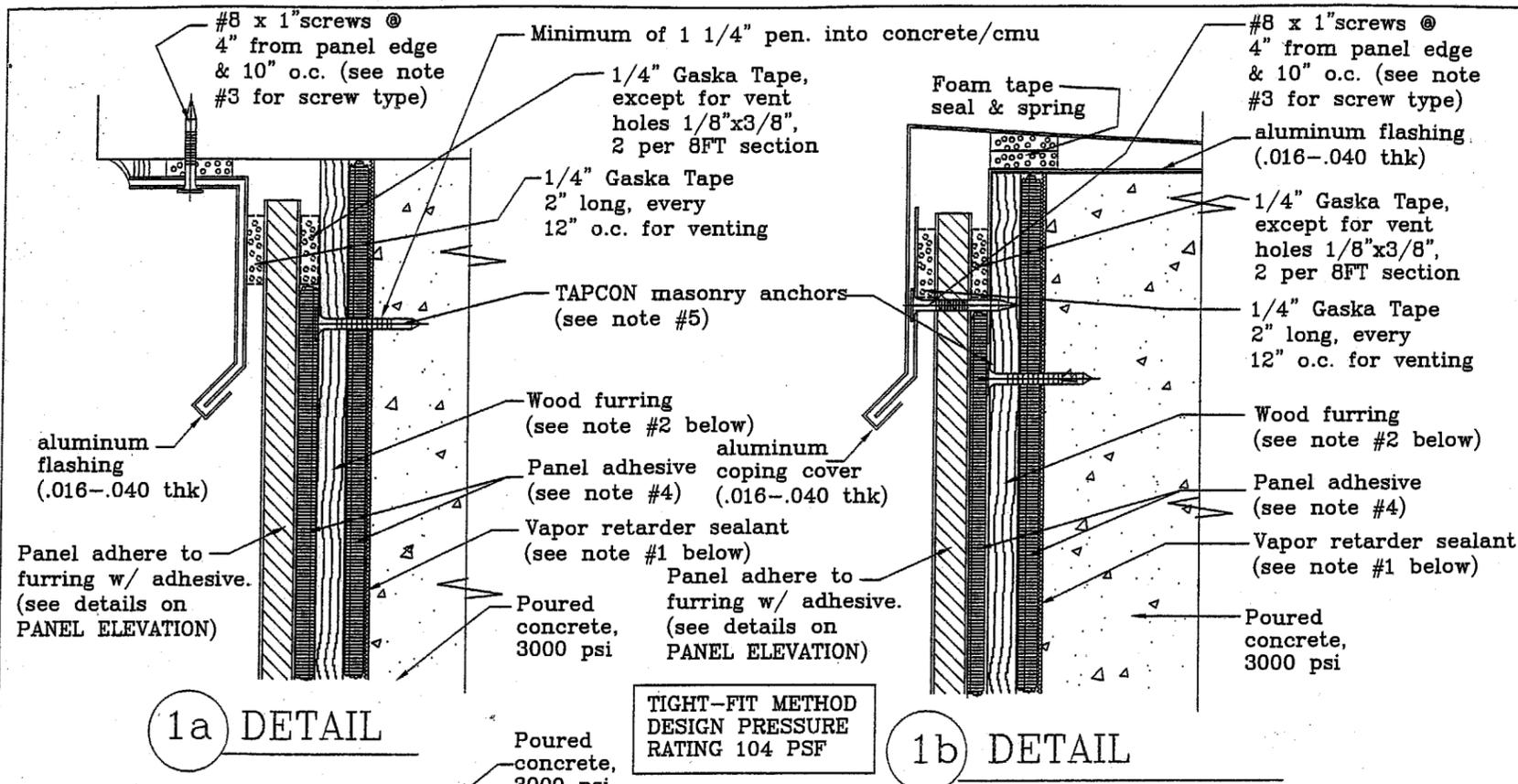
NOTE#2: Wood furring strips to be Southern Pine PT 1"x3" nominal @ 16" o.c.

NOTE#3: Screw types TEXBuildex screws, stainless steel Wood screws, hot dipped galv. Sheet metal screws, stainless steel. Screw head to be for 3/8" 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: 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
RICHARD BOYETTE, PE PE#42485
DATE: 5/14/04 REV. DATE:
PAGE 1 OF 6 DWG NO: LAM-1



TIGHT-FIT METHOD
DESIGN PRESSURE
RATING 104 PSF

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Approved as complying with the Florida Building Code
Date 07/01/04
NOA# 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.

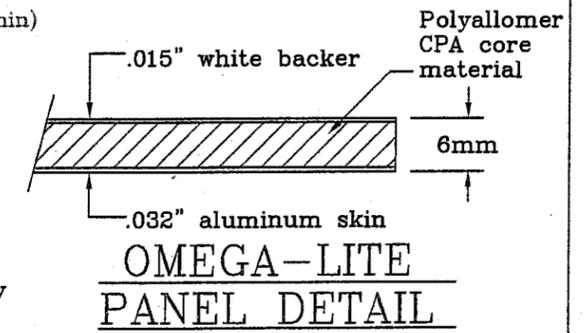
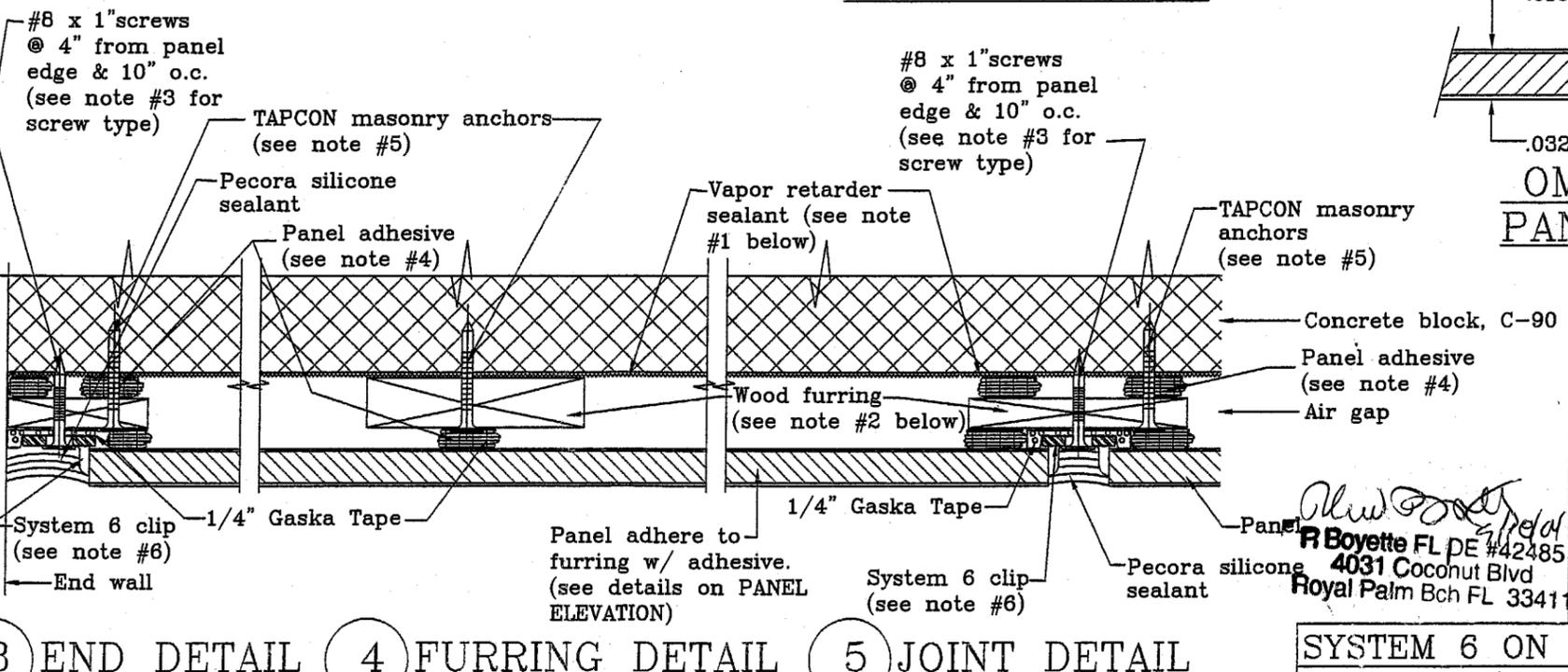
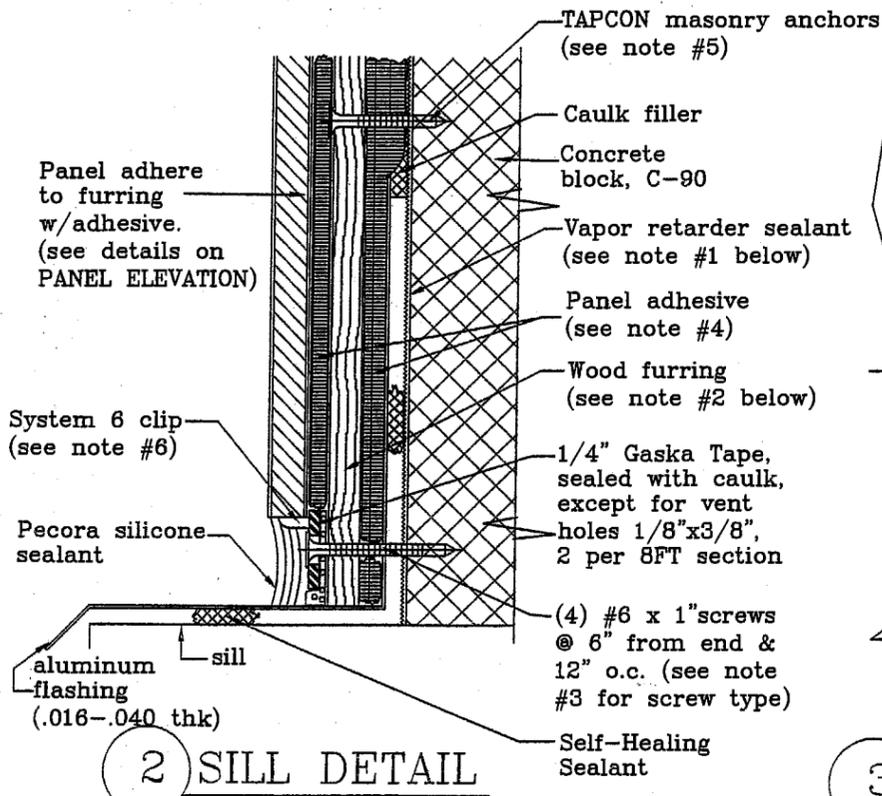
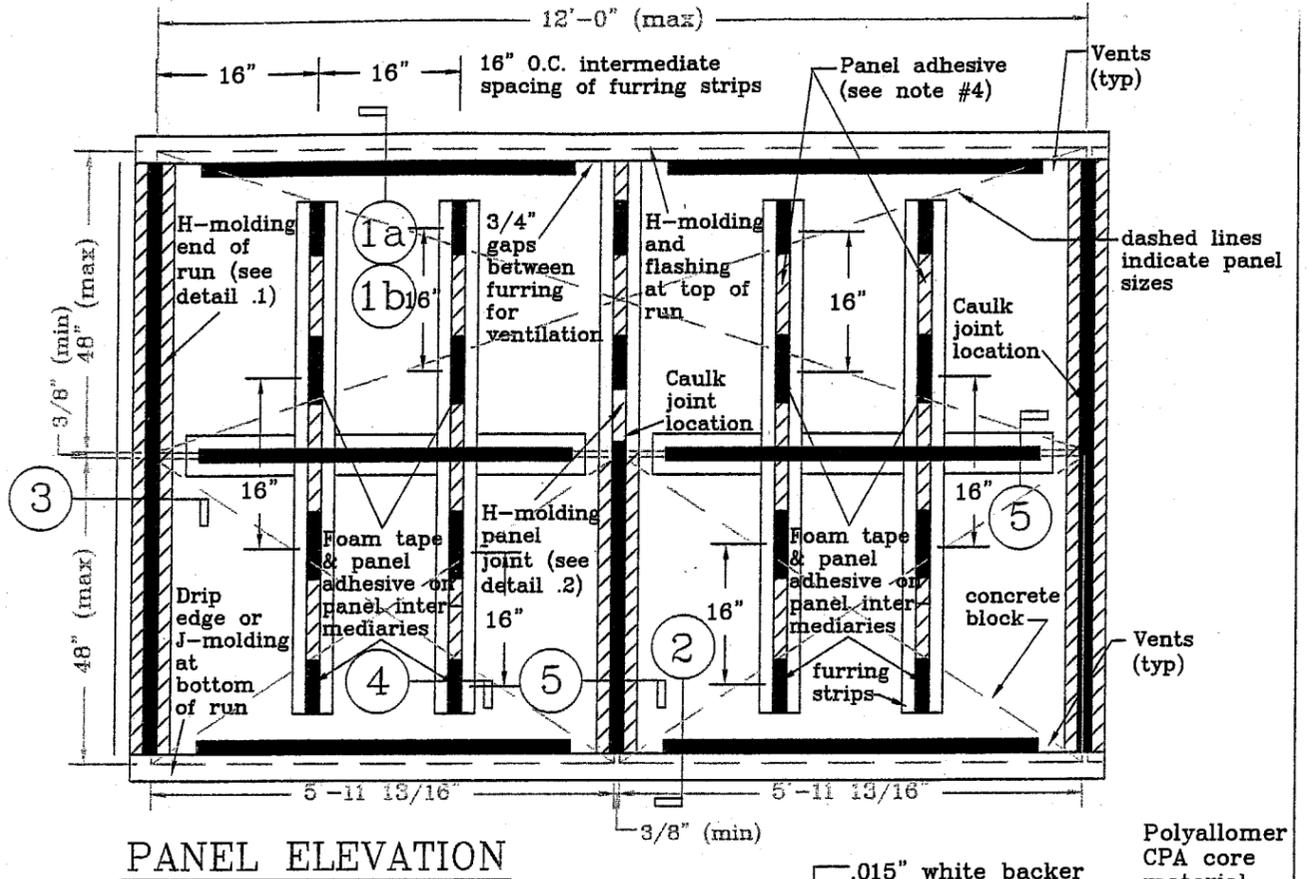
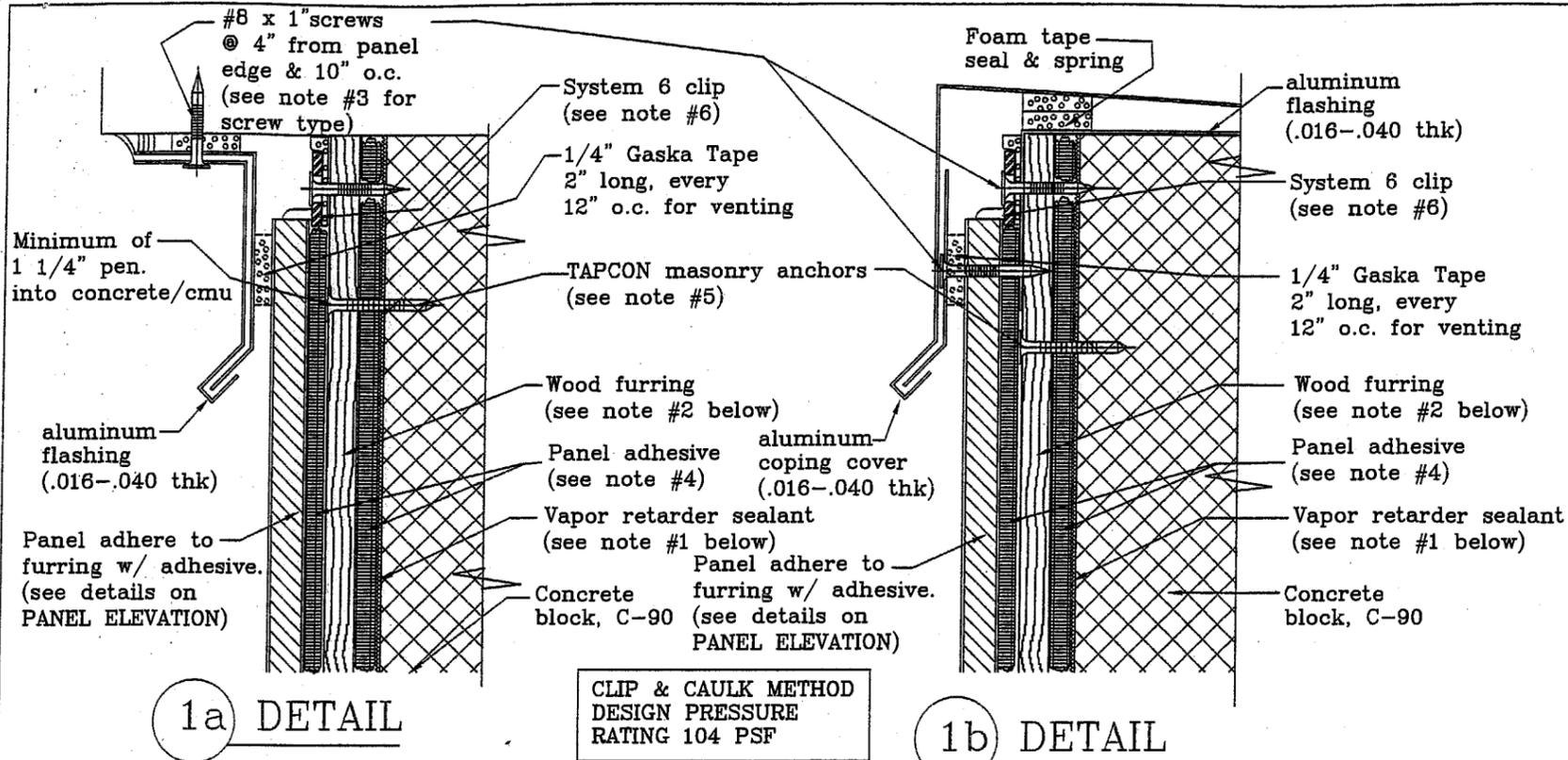
NOTE#3: Screw types
TEK Buildex screws, stainless steel
Wood screws, hot dipped galv.
Sheet metal screws, stainless steel.
Screw head to be for 50,55,6000 or 18 GA STEEL (see attached documentation for shear and pullout test results)

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: PF3-134 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



FOR OFFICIAL USE ONLY

Approved as complying with the
Florida Building Code
Date 07/01/04
NOA# 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 1x3 nominal @ 16" o.c.

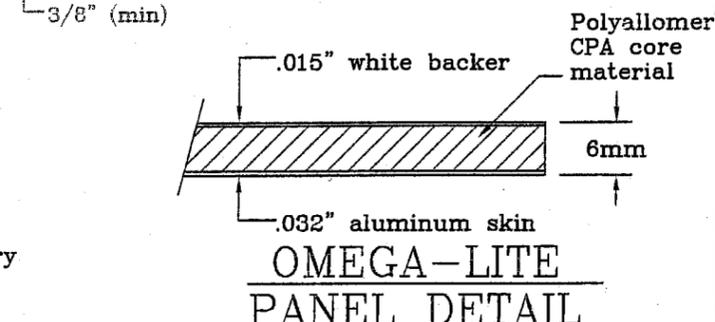
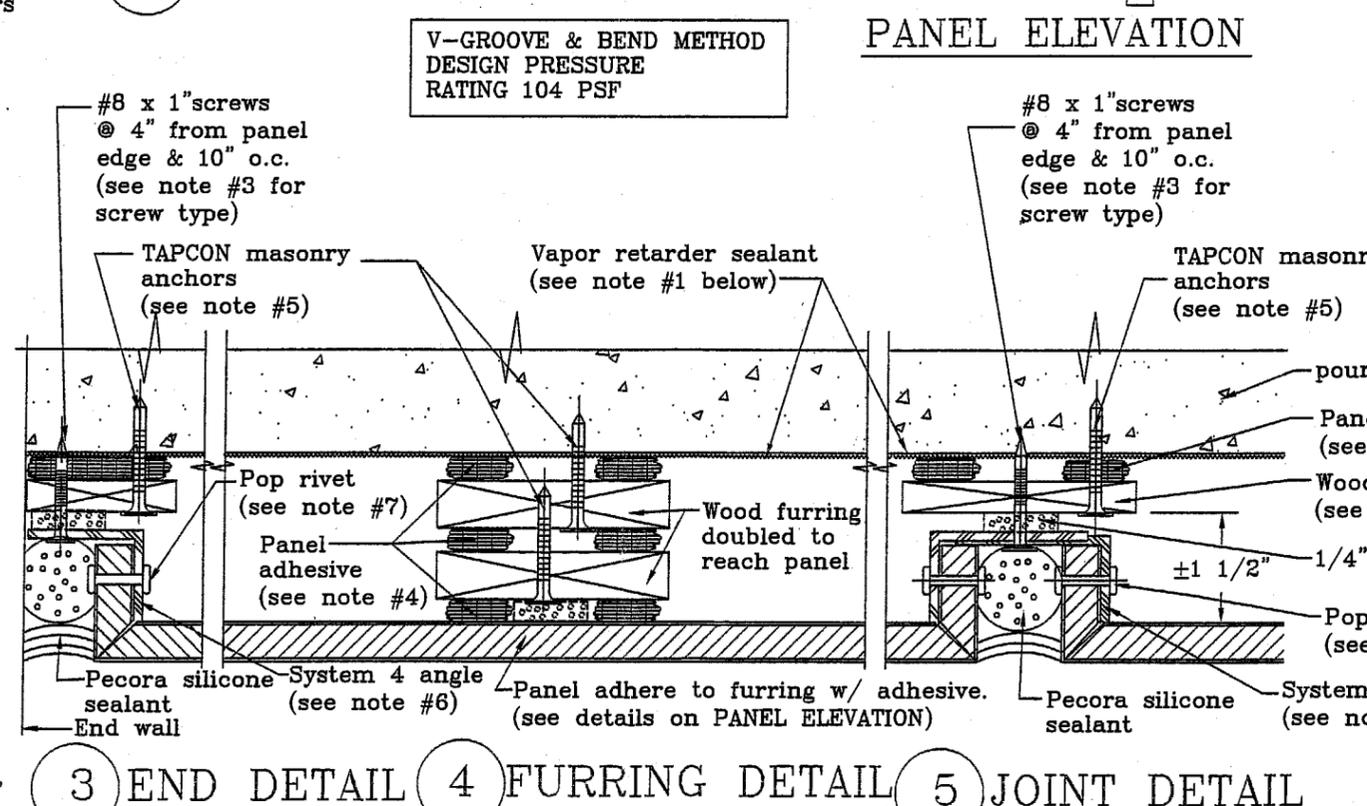
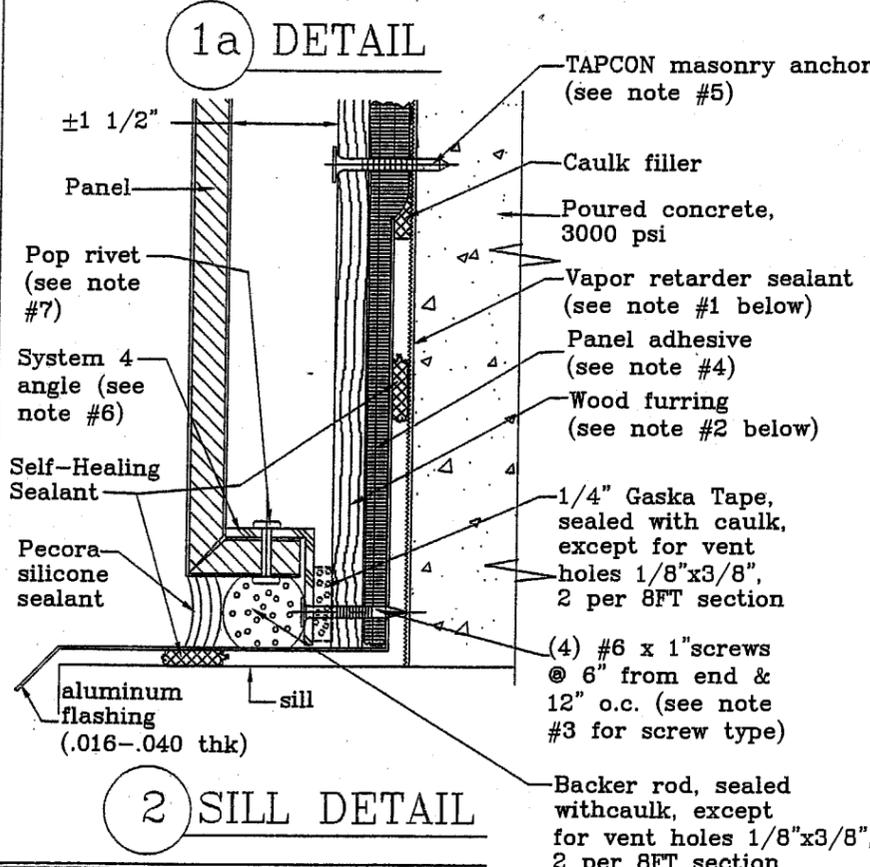
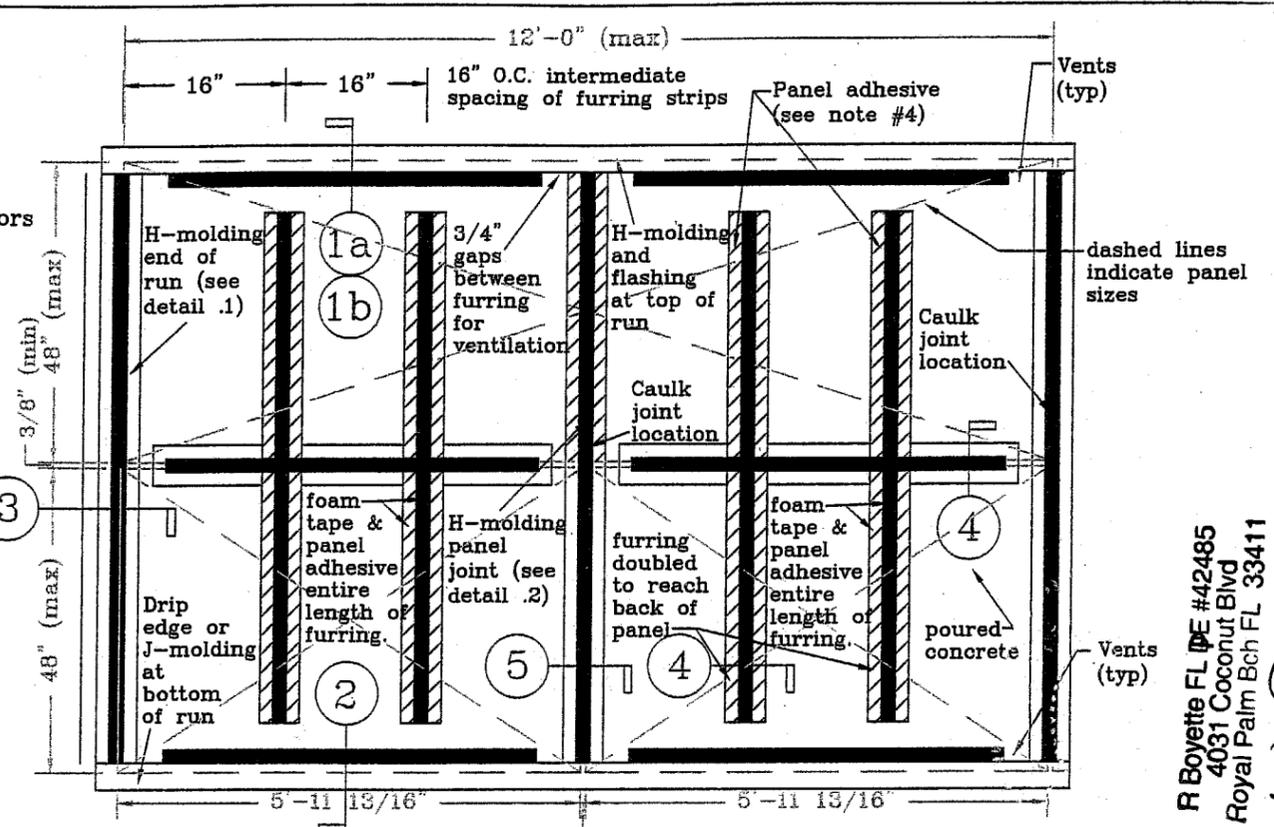
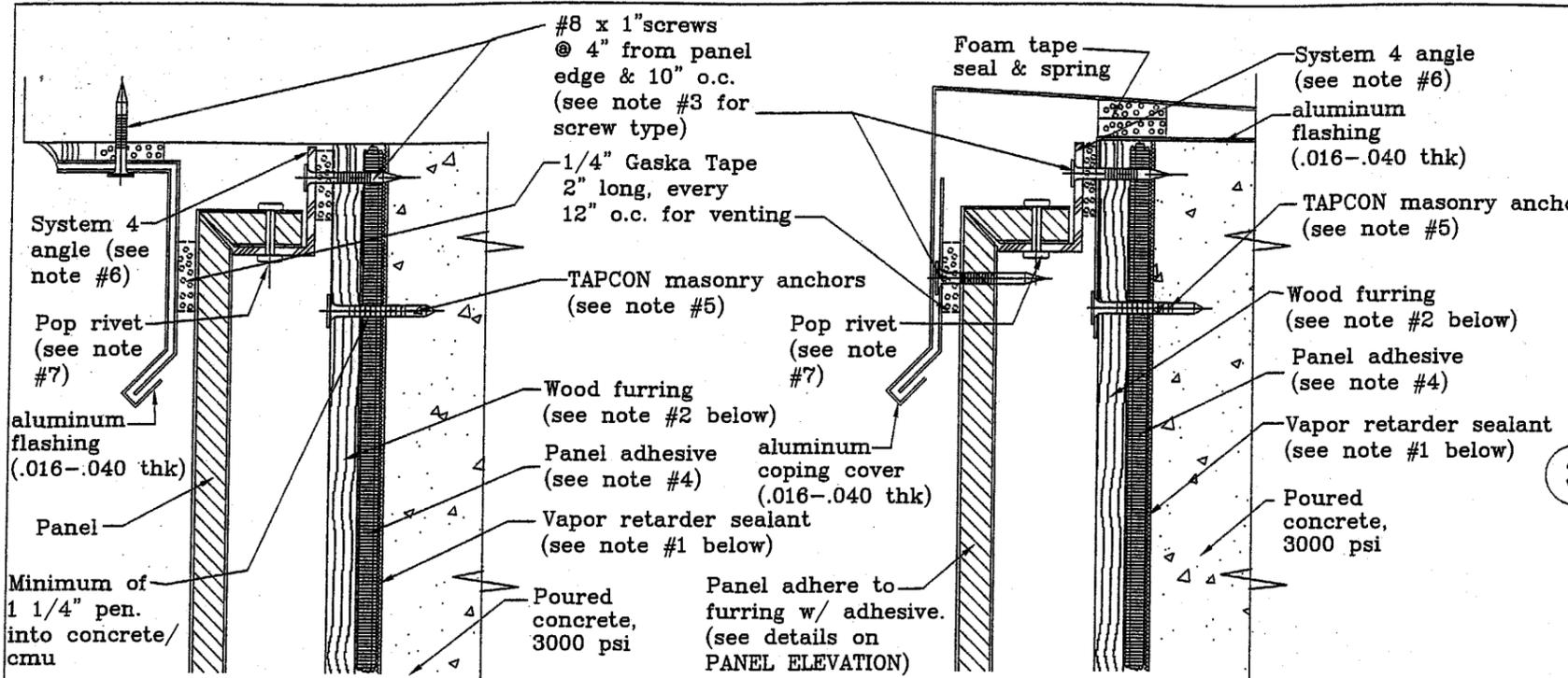
NOTE#3: Screw types
TK Buildex screws, stainless steel
Wood screws, hot dipped galv.
Sheet metal screws, stainless steel.
Screw head to be for 5/16" DIA OR 1/2" DIA STEEL.
(see attached documentation for shear and pullout test results)

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
 TEK Buildex screws, stainless steel
 Wood screws, hot dipped galv.
 Sheet metal screws, stainless steel.
 Screw head to be for 3/8" diameter or 1/2" diameter (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.

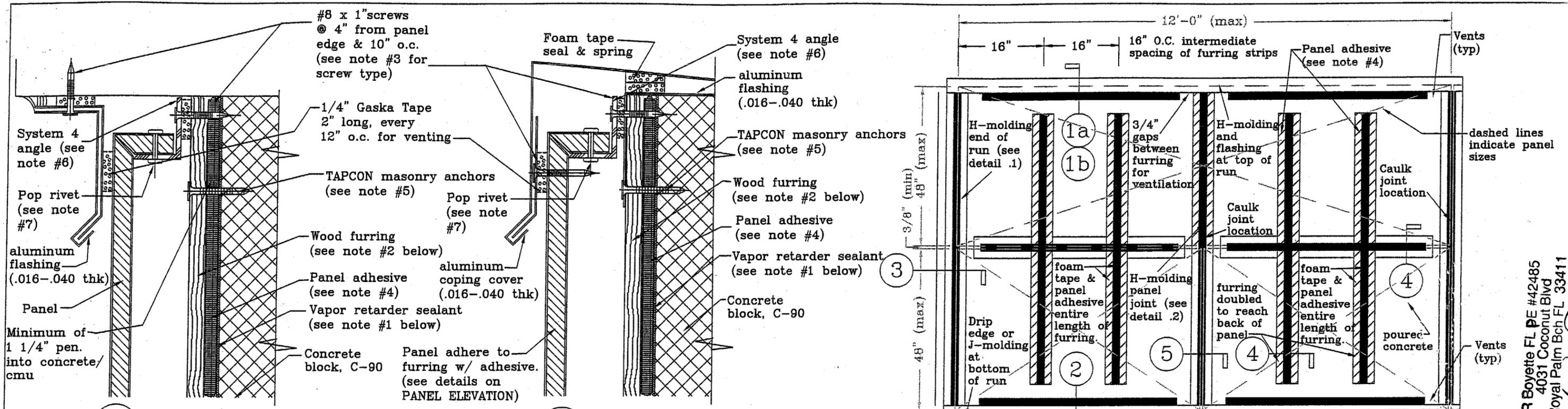
NOTE#7: Pop rivets are 1/8" aluminum rivet & plain steel mandrel, 2 per system 4 angle.

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 Date: 01/01/04
 NOA#: 03-1126.02
 Miami Dade County Control
 Division:

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

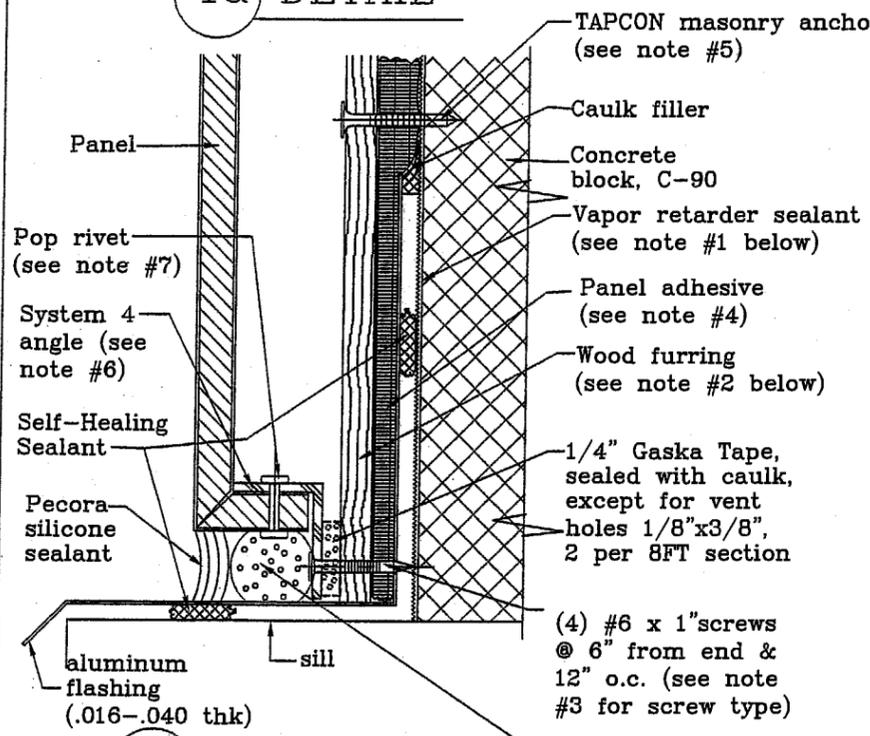
R Boyette FL PE #42485
 4031 Coconut Blvd
 Royal Palm Bch FL 33411
Handwritten signature



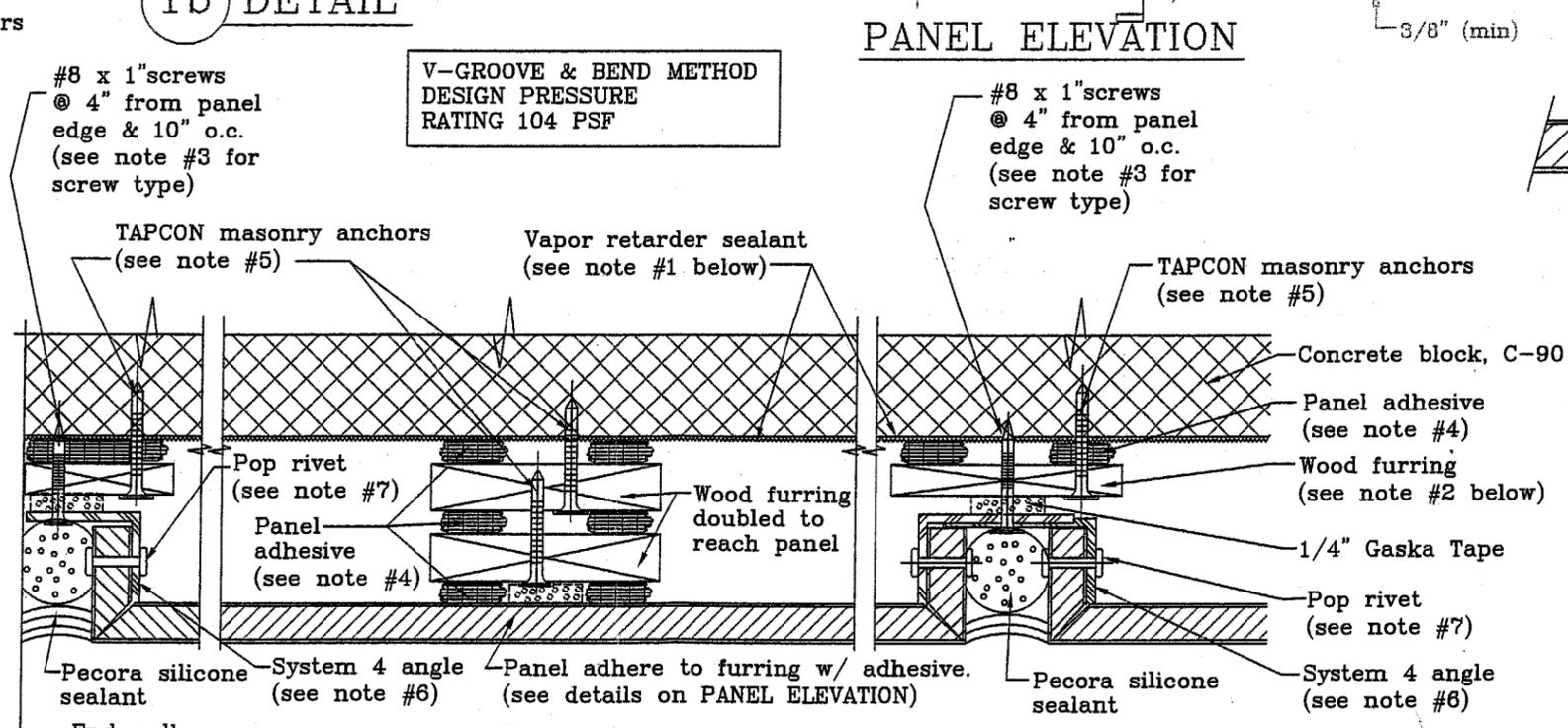
1a DETAIL

1b DETAIL

PANEL ELEVATION



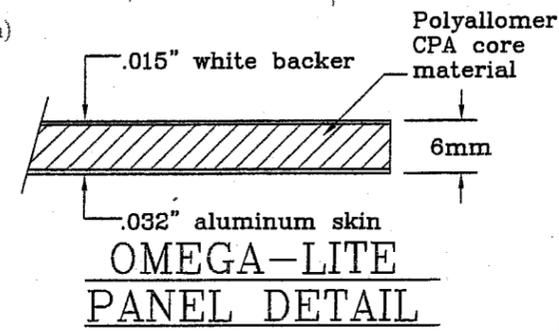
2 SILL DETAIL



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: 07/01/04
 NOAH: 03-1126.02
 Miami Dade Product Control
 Division
 By: [Signature]

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

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 5/16" 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 furring strips, 1/2" dia., 3/8" thick, entire length of furring.

NOTE#5: Masonry Anchor type: Model: PF3-Z14 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.

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