



**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)**

**Finestone.**

**3550 St. Johns Bluff Rd South.  
Jacksonville, FL 32224**

**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 High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION: Finestone Pebbletex EIFS.**

**APPROVAL DOCUMENT:** Drawing No. TWO, Sheets 1 through 3 of 3, titled "Finestone Pebbletex EIFS Exterior Insulation and Finish System" dated 05/06/02, with no revision, prepared by Tiltco, Inc. signed and sealed by W. A. Tillit Jr. PE, bearing the Miami-Dade County Product Control Renewal stamp with the NOA number and expiration date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING: Large and Small Missile.**

**LABELING:** Each component 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 # 02-0516.01 and consists of this page, evidence page as well as the approval document mentioned above.

The submitted documentation was reviewed by **Candido F. Font PE.**

*[Handwritten signature and date]*  
11/11/04



**NOA No: 04-1001.01  
Expiration Date: February 28, 2010  
Approval Date: November 11, 2004  
Page 1**

Finestone.

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **TWO**, Sheets 1 through 3 of 3, titled "Finestone Pebbletex EIFS Exterior Insulation and Finish System" dated 05/06/02, with no revision, prepared by Tilteco, Inc. signed and sealed by W. A. Tillit Jr., PE.

**B. TESTS**

1. Test report on Cyclic Load Pressure Test Per PA 203, of "8x8 steel stud wall with Finestone EIFS" prepared by Hurricane Test Laboratory, Inc., report No. 0061-1005-95, specimen 1, 2 & 3, dated 10/17/95, signed and sealed by T. S. Marshall, PE.
2. Test report on Uniform Static Load Test per PA 202 of "8x8 steel stud wall with Finestone EIFS", prepared by Hurricane Test Laboratory, Inc., report No. 0061-1005-95, specimen # 4, dated 10/17/95, signed and sealed by T. S. Marshall, PE.

**C. QUALITY ASSURANCE**

1. Building Code Compliance Office.

**D. MATERIAL CERTIFICATIONS**

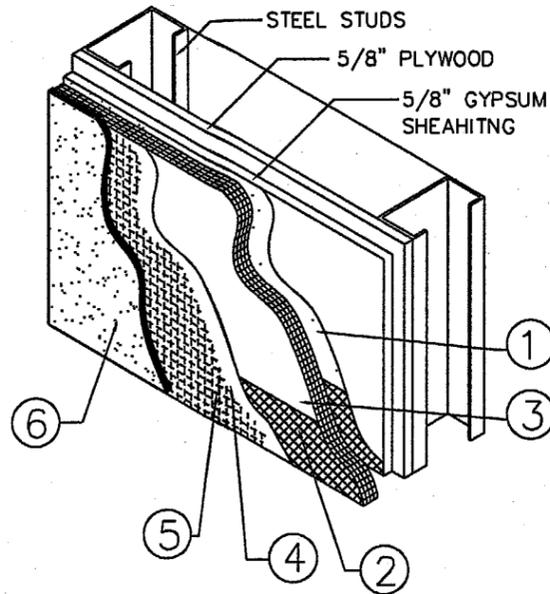
1. Product Control Notice of Acceptance No. 01-1108.09, issued to Apache Products Company on 01/17/02 and expiring on 01/11/2007.

**E. STATEMENTS**

1. No change letter prepared by Finestone dated 11/29/01 and signed by E. Auman.
2. No change letter prepared by Degussa Construction Chemical dated 09/28/04 and signed by D. H. Hinton.

  
11/11/04  
**Candido F. Font PE.**  
**Sr. Product Control Examiner**  
**NOA No: 04-1001.01**  
**Expiration Date: February 28, 2010**  
**Approval Date: November 11, 2004**

DESCRIPTION: Finestone EIFS a non-fire rated exterior insulation and finish system applied over 5/8" exterior type X gypsum sheathing supported by an impact resistance substrate, comprising the following components.



- ① ADHESIVE APPLICATION - FINESTONE ADHESIVE/BASE COAT (A/BC). APPLY USING A NOTCHED TROWEL ONTO THE INSULATION BOARD
- ② BACKWRAP INSULATION TERMINATIONS WITH DETAIL MESH SET A MINIMUM OF 2-1/2" ONTO SUBSTRATE AND EXTENDING A MINIMUM OF 2-1/2" ONTO FACE OF INSULATION
- ③ INSULATION APPLICATION - APACHE EPS, APPROVED 01-1108.09 INSULATION TO BE A MINIMUM THICKNESS OF 3/4" AND A MINIMUM DENSITY OF 1.0 PCF NOMINAL BACKWRAP INSULATION TERMINATIONS WITH DETAIL MESH SET A MINIMUM OF 2-1/2" ONTO SUBSTRATE AND EXTENDING A MINIMUM OF 2-1/2" ONTO FACE OF INSULATION. EPS SHALL BE APPLIED HORIZONTALLY IN A RUNNING BOND PATTERN STAGGERING VERTICAL JOINTS AND CORNERS.
- ④ BASE COAT APPLICATION - APPLY ADHESIVE/BASE COAT (A/BC) USING A FLAT TROWEL ONTO EXPOSED SURFACE OF THE INSULATION BOARD, NOMINAL THICKNESS 1/16"
- ⑤ MESH APPLICATION - FINESTONE REINFORCING MESH, 4.5 OZ/SY EMBEDDED INTO WET BASE COAT MIXTURE USING A TROWEL. LAP ALL MESH JOINTS A MINIMUM OF 2-1/2"
- ⑥ FINISH APPLICATION - TROWEL APPLY FINESTONE PEBBLETEX FINISH USING A TROWEL TO A NOMINAL THICKNESS OF 1/16"

### FINESTONE PEBBLETEX SYSTEM

#### General Notes:

1. This system has been designed in accordance with the Florida Building Code 2001 Edition and its 2002 revisions.
2. This system has been tested in accordance with Miami-Dade County Protocols PA-202 and PA-203 for structural and cyclic testing.
3. This system shall be applied by a licensed plastering contractor following this notice of acceptance, the recommendations of Finestone and the applicable section of the Florida Building Code.
4. The engineer and/or architect of record for each project using this system shall size all stud framing to ensure conformance with stud deflection and stress limitations as required by all governing codes and this document.
5. Insulation boards shall be positioned in a running band pattern.
6. All studs used with this system shall be completely sheathed at the interior flange or bridges at a maximum of every 5' of stud length as specified by the stud manufacturer.
7. All steel studs shall be structural with 1-5/8" minimum flange width and have a minimum yield strength of 33,000 psi.
8. Details on sheet 2 of 3 and 3 of 3 are typical and show intent to prevent water infiltration into and behind this system. Alternate detailing and specific conditions not covered by the typical details are the responsibility of the licensed design professional in consultation with Finestone.

Design Pressure Rating  
-75 PSF

INSTALLED OVER AN IMPACT  
RESISTANT SUBSTRATE

#### APPLICATION:

##### Impact Resistant Substrate

6" x 16 ga steel C studs @ 16 inches on center with 5/8" x 5 plies exterior (CD) plywood mechanically fastened with # 6 x 2" corrosion resistance dry wall screws spaced at 12" o/c in the field and 8" o/c around the perimeter of the panel. 5/8" exterior (ASTM C-79) gypsum sheathing was applied to the plywood before the Finestone with the same fasteners and spacing mentioned above.

##### Insulation and Finish System

1. Finestone Adhesive / Base Coat. It is 100% pure acrylic-based material that is mixed at the time of use (1:1 by weight) with Portland cement. When the Portland cement is added, the A/BC takes on a creamy consistency for smooth easy troweling. Up to 30 ounces of water for half a pail (60 lb. per pail) can be added to adjust workability.

2. Finestone Detail Mesh. A white color open mesh weave of glass fiber weighing 4.5 oz/sq. yd. rolls of 150'. The detail mesh is adhesively fastened to the exterior perimeter of the Gypsum Sheathing using A/BC. Care shall be taken to ensure that the mesh overlaps the substrate by a minimum 2-1/2 in. and is backwrapped by a minimum 2-1/2 in. over the Apache insulation. The A/BC mixture shall be stirred to a creamy consistency and used to fully adhere the mesh to the surface.

3. Apache Molded Expanded Polystyrene. As approved under NOA #01-1108.09 2' x 4' sheets 3/4" thick and a nominal density of 1.0 pcf (16 kg/m. sq.) meeting the requirements of ASTM C-578 Type 1 for thermal insulation boards. The insulation is applied using a ribbon and dab method. A 2" wide by 3/8" high ribbon of A/BC mixture is applied around the perimeter of each board and 8 dabs of A/BC 4" in diameter by 3/8" high spaced at approximately 8" are applied to the field of the board.

The boards are pressed against the wall with the long edge oriented horizontally and the vertical joints staggered in successive course to provide a running band pattern. Once the entire gypsum sheathing wall is covered by insulation the excess detail mesh was 2-1/2" backwrapped with A/BC. The adhered insulation shall be allowed to remain undisturbed for 24 hours. After this period the insulation is leveled of any irregularities using a rasp and sanded flat.

4. Finestone Reinforcing Mesh. A red color open weave of glass fiber weighing a minimum 4.5 oz/sq. yd. in rolls of 48" wide x 150' long. A/BC is applied to the insulation exposed surface in a minimum thickness of 1/16" to receive the reinforcing mesh which is embedded into the wet A/BC mixture. The surface is smoothed using a trowel until the mesh is not visible and the entire surface is covered. The mesh shall lap a minimum of 2-1/2" on all sides and a minimum of 12 hours of curing time is necessary.

5. Finestone Pebbletex Finish. An acrylic based textured wall coating that is 100% pure acrylic polymer base factory mixed, integrally pigmented and formulated for specific textures. The finish is applied to the wall at approximately 1/16" thickness using a stainless steel plastering trowel. After finishing the system shall be allowed to cure for 28 days to gain full strength.

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 04-1001/01  
Expiration Date 02/28/10  
By: [Signature]  
Miami Dade Product Control  
Division

For Engineers Use: **STRUCTURALLY REVIEWED BY:**

*Walter A. Tillit Jr.*  
**WALTER A. TILLIT JR., P.E.**  
**STRUCTURAL ENGINEER**  
**FL LIC.NO. 44167**

**TILTECO INC.**  
TILLIT TESTING & ENGINEERING COMPANY  
8595 NW 36<sup>th</sup> STREET, STE. 217  
MIAMI, FLORIDA 33166

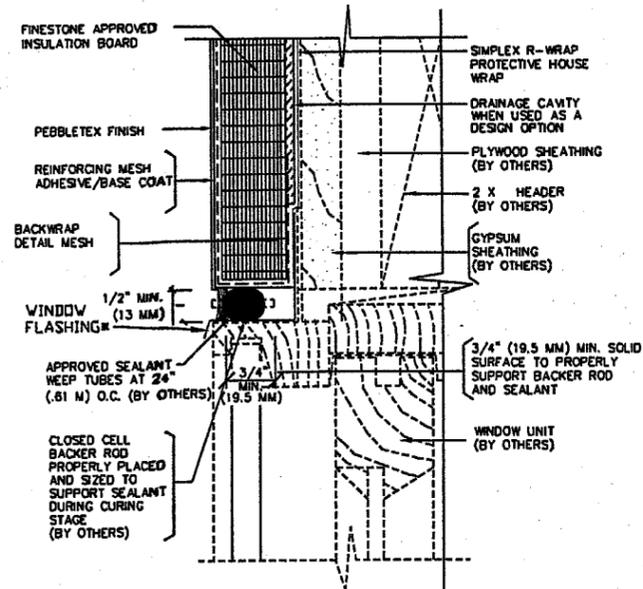
For Product Control Use:

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 02-0516/01  
Expiration Date 02/28/05  
By: [Signature]  
Miami Dade Product Control  
Division

Finestone  
3550 St. Johns Bluff Rd. South  
Jacksonville, FL 32224

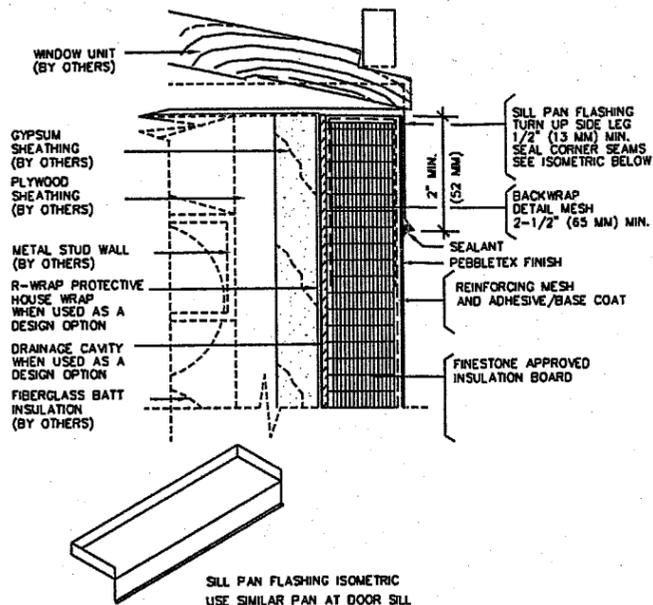
Finestone Pebbletex EIFS  
Exterior Insulation and Finish System

Drawing Number: TWO	Sheet Number: 1/3	Revision Date:	Drawing Date: 5/6/02
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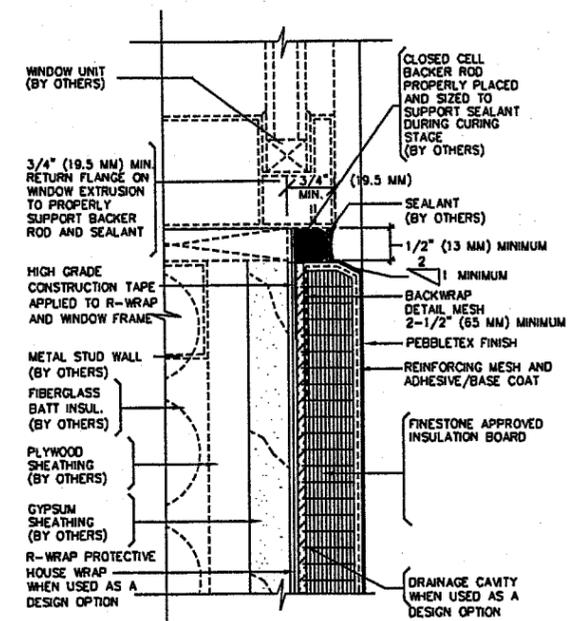
WINDOW HEAD FLASHING RECOMMENDED WHEN WINDOW IS NOT SELF-FLASHING. ALWAYS FLASH ACCORDING TO WINDOW MANUFACTURER'S REQUIREMENTS (BY OTHERS)

TYPICAL WOOD WINDOW HEAD AND JAMB DETAIL



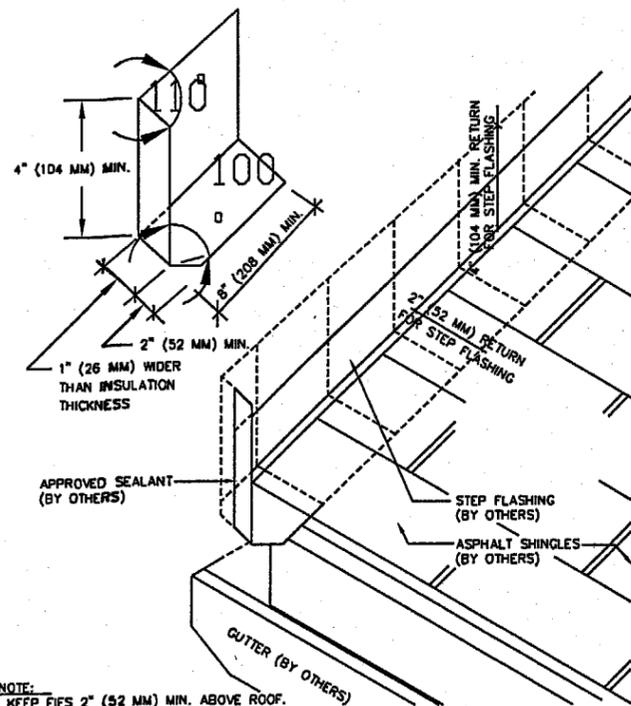
WINDOW SILL PAN FLASHING RECOMMENDED WHEN WINDOW IS NOT SELF-FLASHING. ALWAYS FLASH ACCORDING TO WINDOW MANUFACTURER'S REQUIREMENTS (BY OTHERS)

TYPICAL WOOD SILL DETAIL



EIFS TERMINATION DETAIL SIMILAR FOR EXTRUDED VINYL OR ALUMINUM / VINYL CLAD WOOD WINDOWS

TYPICAL ALUMINUM WINDOW SILL DETAIL ALTERNATE

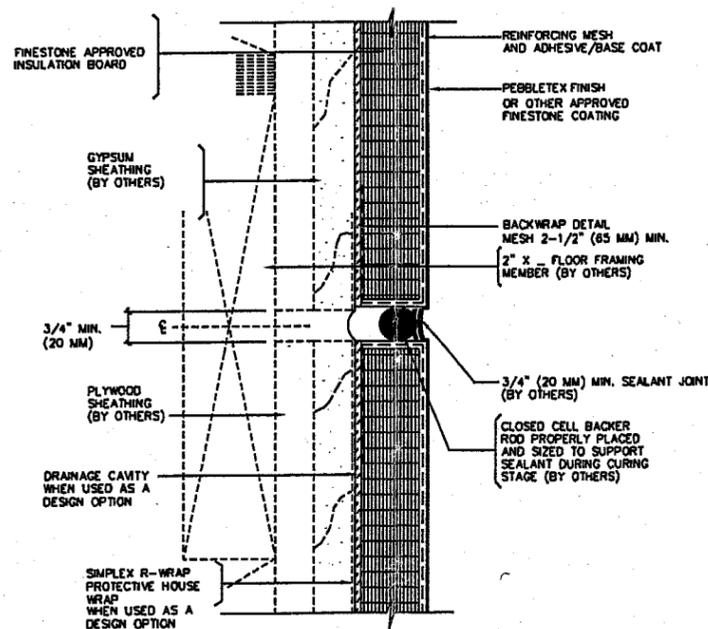


- NOTE:
- KEEP EIFS 2" (52 MM) MIN. ABOVE ROOF.
  - RUN R-WRAP AND DRAINAGE CAVITY OR SPACER OVER FLASHING WHEN USED AS A DESIGN OPTION
  - VERIFY THAT ROOFING IS PROPERLY INSTALLED WITH FELT UNDERLAYMENT TURNED UP ONTO WALL AND STEP FLASHING PROPERLY INSTALLED

TYPICAL ROOF KICK-OUT FLASHING DETAIL

FINESTONE PEBBLETEX EIF SYSTEM TYPICAL DETAILS

ALL ROOFING DETAILS SHALL CONFORM WITH CHAPTER 15 OF THE F.B.C.



TYPICAL EXPANSION JOINT AT FLOOR LINE

PRODUCT REVIEWED as complying with the Florida Building Code Acceptance No. 04-1001.01 Expiration Date 02/28/10  
 By Miami Dade Product Control Division

For Product Control Use:

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 02-0516.01 Expiration Date 02/28/05  
 By Miami Dade Product Control Division

For Engineers Use: STRUCTURALLY REVIEWED BY:

*David Smith*

57902

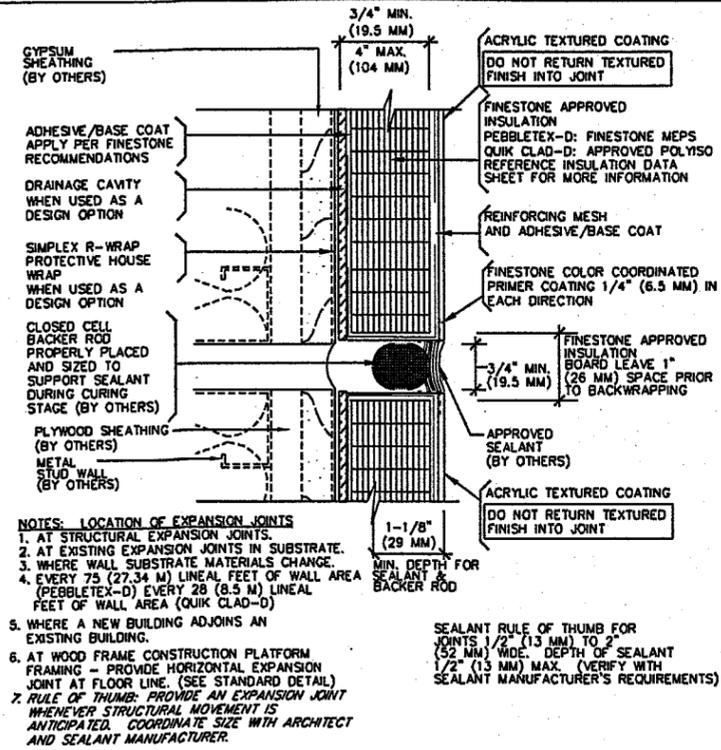
WALTER A. TILLIT JR., P.E.  
 STRUCTURAL ENGINEER  
 FL. LIC. NO. 44167

TILTECO INC.

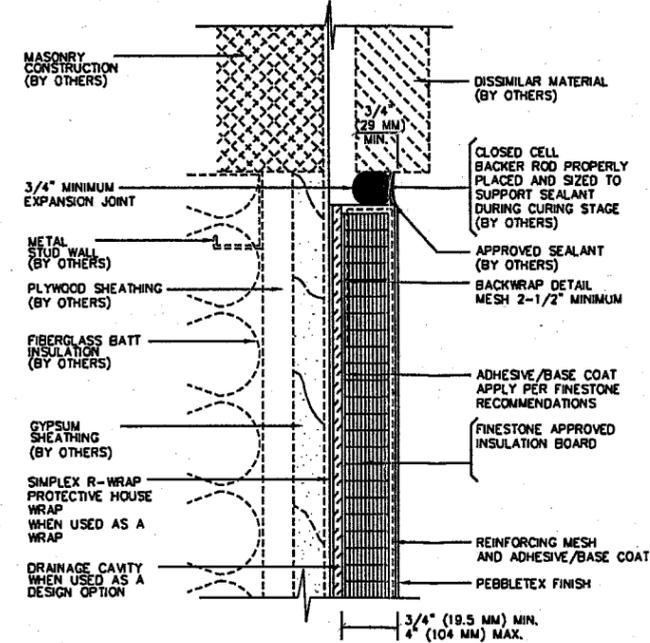
TILLIT TESTING & ENGINEERING COMPANY  
 6595 NW 36th STREET, STE. 217  
 MIAMI, FLORIDA 33166

Finestone  
 3550 St. Johns Bluff Rd. South  
 Jacksonville, FL 32224  
 Finestone Pebbletex EIFS  
 Exterior Insulation and Finish System

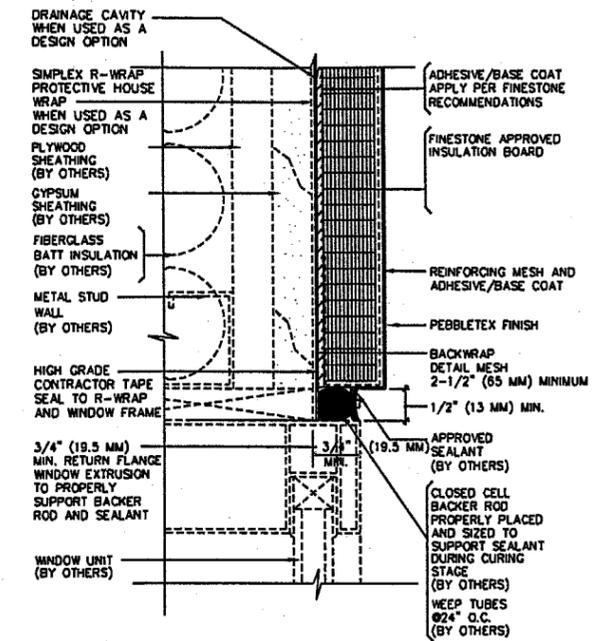
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TYPICAL EXPANSION JOINT DETAIL

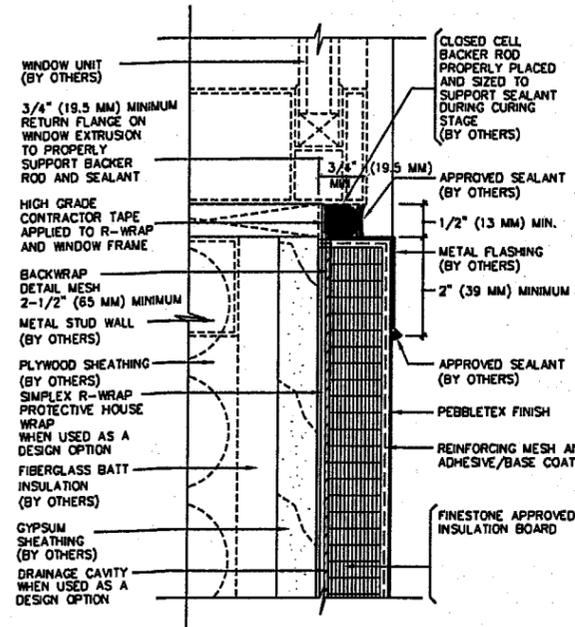


TYPICAL DETAIL ABUTTING DISSIMILAR MATERIAL



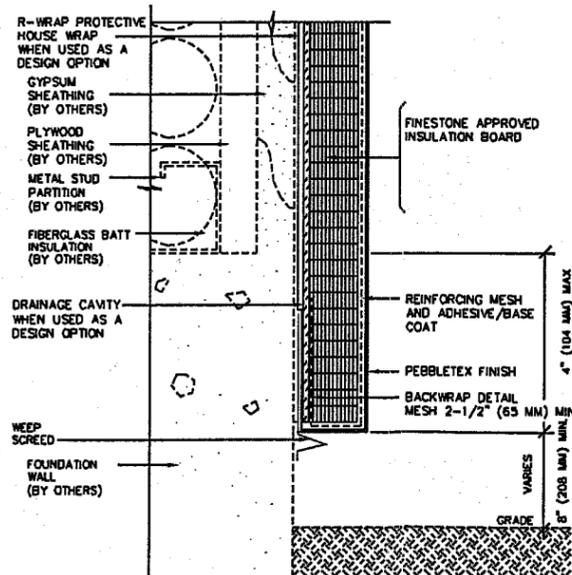
\* EIFS TERMINATION DETAIL SIMILAR FOR EXTRUDED VINYL OR ALUMINUM / VINYL CLAD WOOD WINDOWS

TYPICAL ALUMINUM WINDOW HEAD AND JAMB DETAIL



\* EIFS TERMINATION DETAIL SIMILAR FOR EXTRUDED VINYL OR ALUMINUM / VINYL CLAD WOOD WINDOWS

TYPICAL ALUMINUM WINDOW SILL DETAIL



TYPICAL FOUNDATION TERMINATION

PRODUCT RENEWED as complying with the Florida Building Code  
 Acceptance No. 04-1001.01  
 Expiration Date 02/28/10  
 By *[Signature]*  
 Miami Dade Product Control Division

For Product Control Use:  
 PRODUCT REVISED as complying with the Florida Building Code  
 Acceptance No. 02-0516.01  
 Expiration Date 02/28/05  
 By *[Signature]*  
 Miami Dade Product Control Division

For Engineers Use: **STRUCTURALLY REVIEWED BY:**

*[Signature]*

579102

WALTER A. TILLIT JR., P.E.  
 STRUCTURAL ENGINEER  
 FL. LIC. NO. 44167

**TILTECO INC.**

TILLIT TESTING & ENGINEERING COMPANY  
 6595 NW 36<sup>th</sup> STREET, STE. 217  
 MIAMI, FLORIDA 33166

FINESTONE PEBBLETEX EIF SYSTEM TYPICAL DETAILS

ALL ROOFING DETAILS SHALL CONFORM WITH CHAPTER 15 OF THE F.B.C.

For Product Control Use:		Finestone 3550 St. Johns Bluff Rd. South Jacksonville, FL 32224	
Drawing Number: TWO		Sheet Number: 3/3	Revision Date:
Drawing Date: 5/6/02		Drawing Date: 5/6/02	