



MIAMI-DADE
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)

Sto Corporation
6175 Riverside Drive SW
Atlanta GA 30331

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: Sto HI-G EIFS for Small Missile Impact Resistance

APPROVAL DOCUMENT: Drawing No. Sto HI-G, titled "Sto HI-G EIFS for Small Missile Impact Resistance", sheets 1 through 3 of 3, prepared by Cerny & Ivey Engineering Inc, dated 03/15/01 with no revisions, signed and sealed by R. N. Kenney 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: Small Missile Impact

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 or MDCPCA", 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.

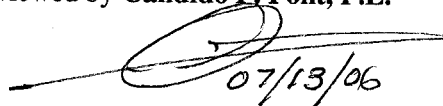
TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this 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 # 01-0614.17** and consists of this page, evidence page as well as approval document mentioned above.

The submitted documentation was reviewed by **Candido F. Font, P.E.**


 07/13/06



NOA No 06-0522.14
Expiration Date: September 06, 2011
Approval Date: July 13, 2006
Page 1

Sto Corporation.

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A DRAWING

1. Drawing prepared by Sto Corporation titled "Sto HI-G EIFS for Small Missile Impact Resistance", drawing No. Sto HI-G, Sheets 1 through 3 of 3, dated 03/15/2001, with no revisions, signed and sealed by R. N. Kenney, PE.

B TEST

- 1 Test report on Large Missile Impact Test per PA 201, Cyclic Pressure Test per PA 203, Uniform Static Air Test, Air Infiltration Test, Water Leakage Test per PA 202 of "Sto Hurricane EIFS, system for Small Missile Impact Resistance", prepared by Certified Testing Laboratories, Inc., report No. CTLA 660W, specimens 1, 2, 3 & 4, dated 02/09/2001, signed and sealed by R. Patel, PE.

C CALCULATIONS.

- 1 Wind load calculations Appendix A, sheets 1 through 5, Anchorage calculations Appendix B, sheets 1 through 10 and Framing calculations Appendix C, sheets 1 through 52 and Anchorage for EIFS Wall systems, prepared by Cerny & Ivey Engineering, Inc. signed and sealed by R. N. Kenney PE, on 05/31/01.

D QUALITY ASSURANCE.

Building Code Compliance Office.

E MATERIAL CERTIFICATION

- 1 Product Control Notice of Acceptance No. 98-0904.04 issued to Apache Products Company on 11/26/98 and expiring on 01/11/02.

F STATEMENTS.

- 1 Engineering evaluation letter prepared by Cerny & Ivey Engineers, Inc. on 04/26/2001, signed and sealed R. N. Kenney, PE.
- 2 No change letter issued by Sto Corporation on 05/15/06 and signed by T. L. Viness.



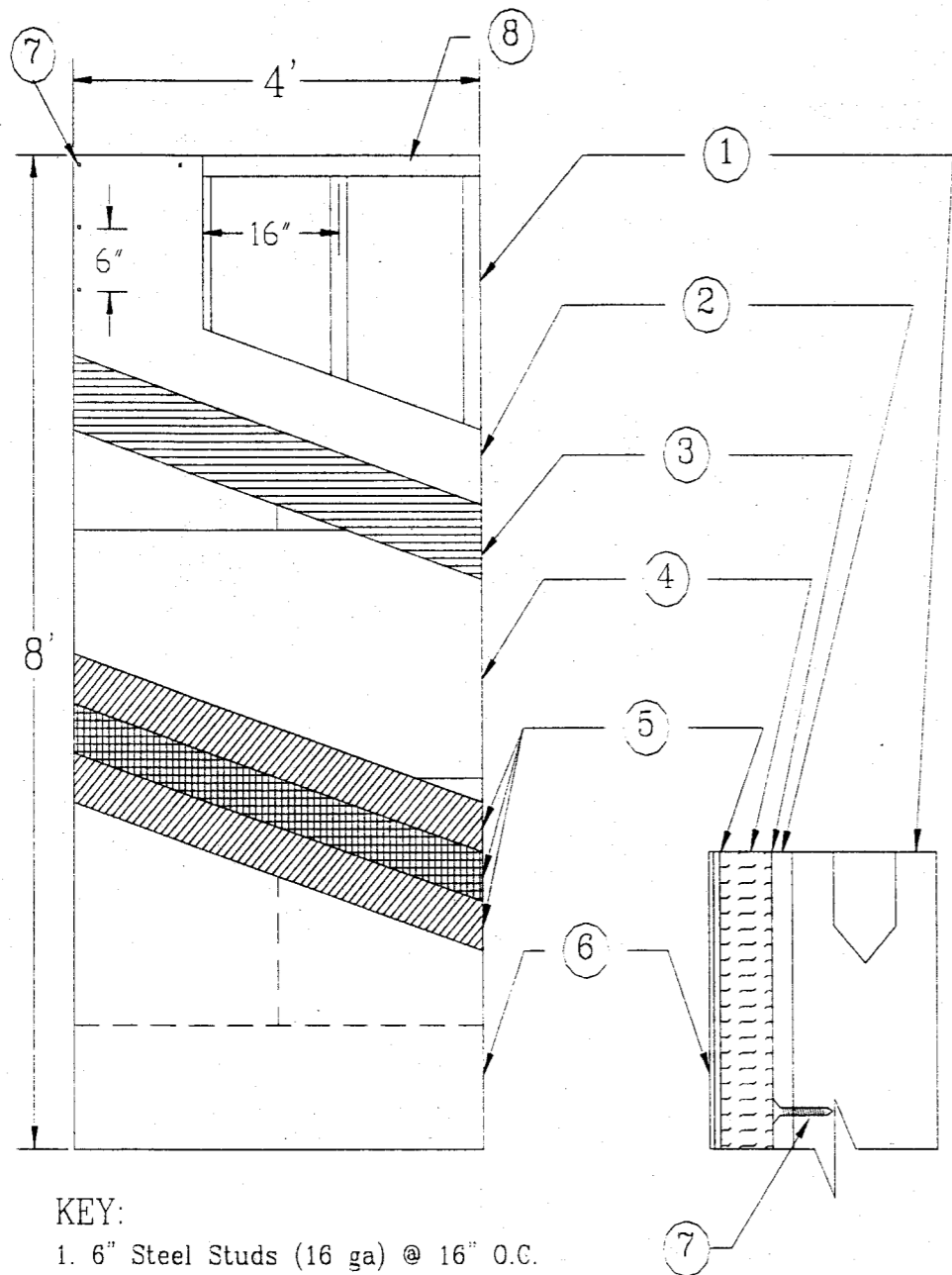
Candido E. Font, P.E.

Senior Product Control Examiner

NOA No 06-0522.14

Expiration Date: September 06, 2011

Approval Date: July 13, 2006



KEY:

1. 6" Steel Studs (16 ga) @ 16" O.C.
2. 5/8" Exterior Grade Gypsum Sheathing
3. Sto Primer/Adhesive-B (No. 101),
BTS-Plus (No. 727)
4. EPS Board @ minimum 3/4" thick & 1 pcf by Apache
5. Sto Mesh (No. 920, 4.5oz./sq.yd.) embedded in Sto Primer/Adhesive-B (No. 101),
Sto BTS-Plus (No. 727)
6. Sto Textured Finish (No. 310, 306, and 307)
7. #8 x 1-1/4" panhead screws @ 6" o.c.
field and perimeter
8. U channel on head & sill secured to
vertical studs with 1/2" sms inboard and outboard

1.0 DESCRIPTION

1.1 Substrates approved with the system

- 1.1.1. Gypsum board over steel studs. Minimum 6" x 1 5/8" x 16 ga. Steel studs @ 16" o.c. with minimum 5/8" thick exterior grade gypsum sheathing (ASTM C-79) fastened to the steel studs with #8 x 1-1/4" corrosion resistant panhead screws @ 6" o.c. field and perimeter.
- 1.1.2. All substrates approved under this Notice of Acceptance shall be designed by a Florida Professional Engineer or Registered Architect according to the South Florida Building Code and the minimum standards established here. Provisions for diaphragm action are necessary for gypsum wall substrate and the deflection shall be limited to L/240 on all cases.

1.2 Components of the System

- 1.2.1. Sto BTS-Plus Adhesive (No. 101) or Sto Primer/Adhesive-B (No. 727). These are polymer cement based adhesives and base coats available in 60 lb bags, mixed with clean water and applied to the substrate per the manufacturer's recommendation to form a 1/16" coat with spray equipment or a stainless steel trowel.
- 1.2.2. Insulation Boards
Any exposed gypsum surface is to be cleaned to remove any bond inhibiting particles from the surface of the gypsum. Apache minimum 3/4" thick EPS boards in compliance with ASTM C-578 type I and 1.07 lb/cf density as approved under Notice of Acceptance #98-0904.04. Sto BTS-Plus or Sto Primer/Adhesive-B are applied uniformly in ribbons parallel to the long or short dimension to the back of the 3/4" thick Apache boards using a 1/2" x 1/2" stainless steel U notched trowel. The boards shall be placed, applying pressure in a running bond pattern with the long dimension horizontal and from a level base starting line. Butt all joints tightly to avoid thermal breaks. Adhesive should not get between joints. After the insulation boards cover the entire surface, fill voids with slivers of insulation. When the boards are firmly adhered to the substrate, rasp all irregularities to achieve a smooth surface. This application shall be allowed to dry completely before the next step.
- 1.2.3. Sto Mesh (No. 920)
A nominal 4.5 oz./sq. symmetrical, interlaced open-weave glass fabric made with minimum 20% by weight alkaline resistance coating for compatibility with Sto materials. Available in rolls 38" wide. Sto BTS-Plus or Sto Primer/Adhesive-B is mixed again and applied by trowel to a uniform thickness of 1/8" to the face of the Apache boards. Work horizontally or vertically in strips of 40" and immediately embed the mesh into the wet base trowling from the center to the edge of the mesh. Overlap the mesh not less than 2-1/2", double lap all inside and outside corners 2-1/2" in all directions and backwrap mesh edges and sides. The mesh shall be fully embedded so the color does not show through the base coat and it shall be allowed to dry for 12 hours before applying the Sto textured finishes.
- 1.2.4. Sto Textured Finish (No. 310, 306, and 307)
Are a ready mix, acrylic based, textured wall coating. The finish is mixed with a high speed electric mixer and applied and textured by trowel to a thickness of 1/16". Apply on a continuous application working from the wet toward the unfinished area.

GENERAL NOTES:

- 1) This system has been designed in accordance with the South Florida Building Code 1994 Edition and its latest supplement
- 2) This system has been tested in accordance with the Dade County Protocol PA-201, PA-202 and PA-203 Small Missile Impact, Structural and Cyclic Testing.
- 3) This System shall be applied by a licensed plastering contractor following the recommendations of Sto Corp, this notice of acceptance and the applicable sections of the South 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 governing codes and this document.
- 5) Insulation boards shall be placed in a running bond pattern.
- 6) All studs used with this system shall be completely sheathed at the interior flange or bridged at maximum every 5 ft. of stud length or as specified by stud manufacturer.
- 7) All Steel studs shall be structural with 1-5/8" min. flange width and have minimum yield strength of 33000 PSI.
- 8) Details on page No. 2 and 3 of 3 are typical and show intent to prevent water infiltration into and behind the system. Alternate detailing and specific conditions not covered by the typical details are the responsibility of the licensed design professional in consultation with Sto Corp.

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE SEP 06 2001
BY [Signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0614.17

**Design Pressure Rating
+/- 80 PSF
Small Missile Impact Resistance**

PRODUCT RENEWED
and complying with the Florida
Building Code
Acceptance No. 06-0522.14
Expiration Date 09/06/11
By [Signature]
Miami Dade Product Control
Division

CERNY & IVEY ENGINEERS, INC.
CONSULTING ENGINEERS TESTING LABORATORY
2200 PEACOCK PARKWAY, GEORGETOWN, FL 32908
1770-668-2525 FAX 1770-288-1540

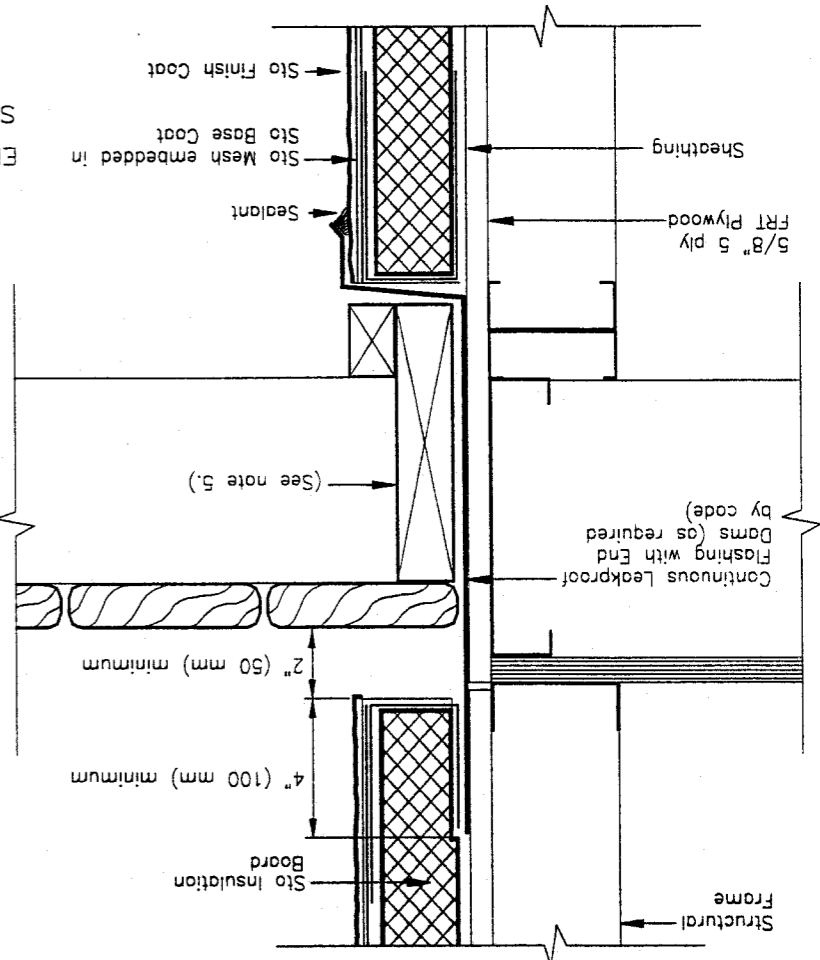
[Signature]
8-1-01

Sto Corp.
3800 Camp Creek Parkway
Building 1400, Suite 120
Atlanta, Ga. 30331
Sto HI-G EIFS
for
Small Missile
Impact Resistance
Drawing no. Sto HI-G
Page No. 1 of 3
Date: 03/15/2001
Not to Scale

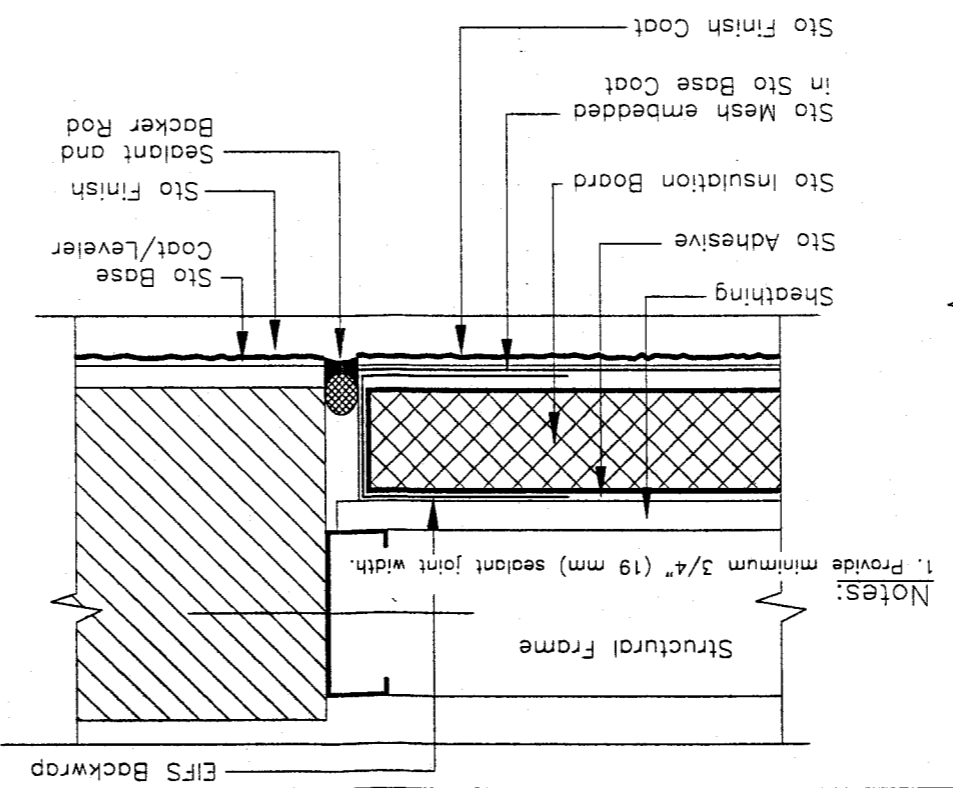
TYPICAL DETAILS

TERMINATION AT DECK

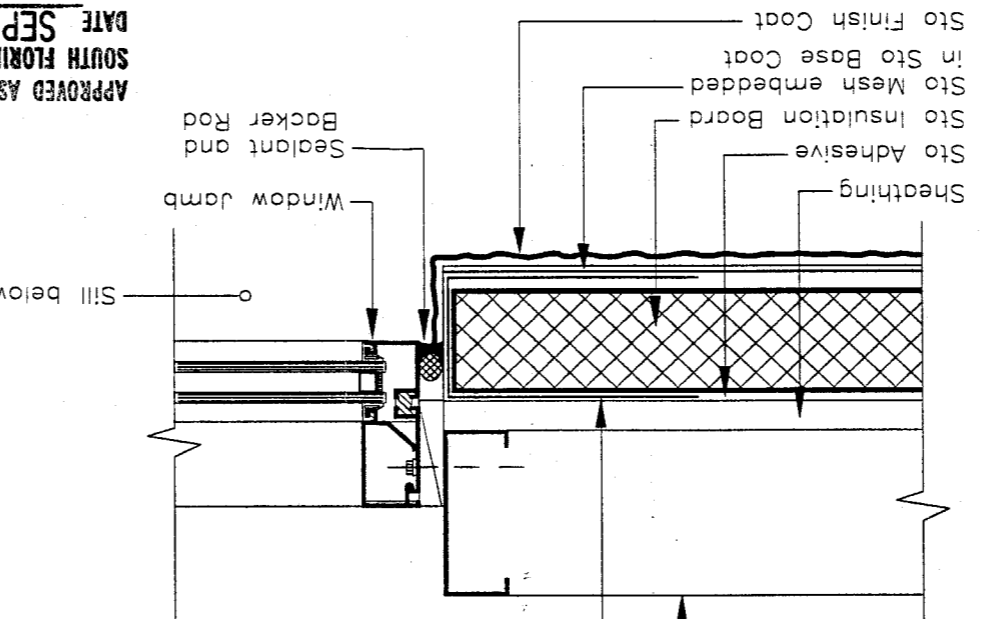
- Notes:
1. Gap wood sheathing edge and end joints in accordance with APA (American Plywood Association) recommendations.
 2. Seal penetrations through flashing where attached to framing.
 3. Distance of EIFS to deck varies with climate. Allow sufficient distance to prevent snow/ice and puddling water against system.
 4. Provide end dams where flashings terminate at ends of deck.
 5. Pressure treated wood (space from flashing or rout backside to provide drainage).



CONSTRUCTION JOINT



- Notes:
1. Provide minimum 3/4" (19 mm) sealant joint width.



Notes:

1. Provide minimum 3/4" (19 mm) depth from back of insulation board to face of window frame for sufficient depth to install sealant.
2. Provide minimum 1/2" (13 mm) sealant joint width.

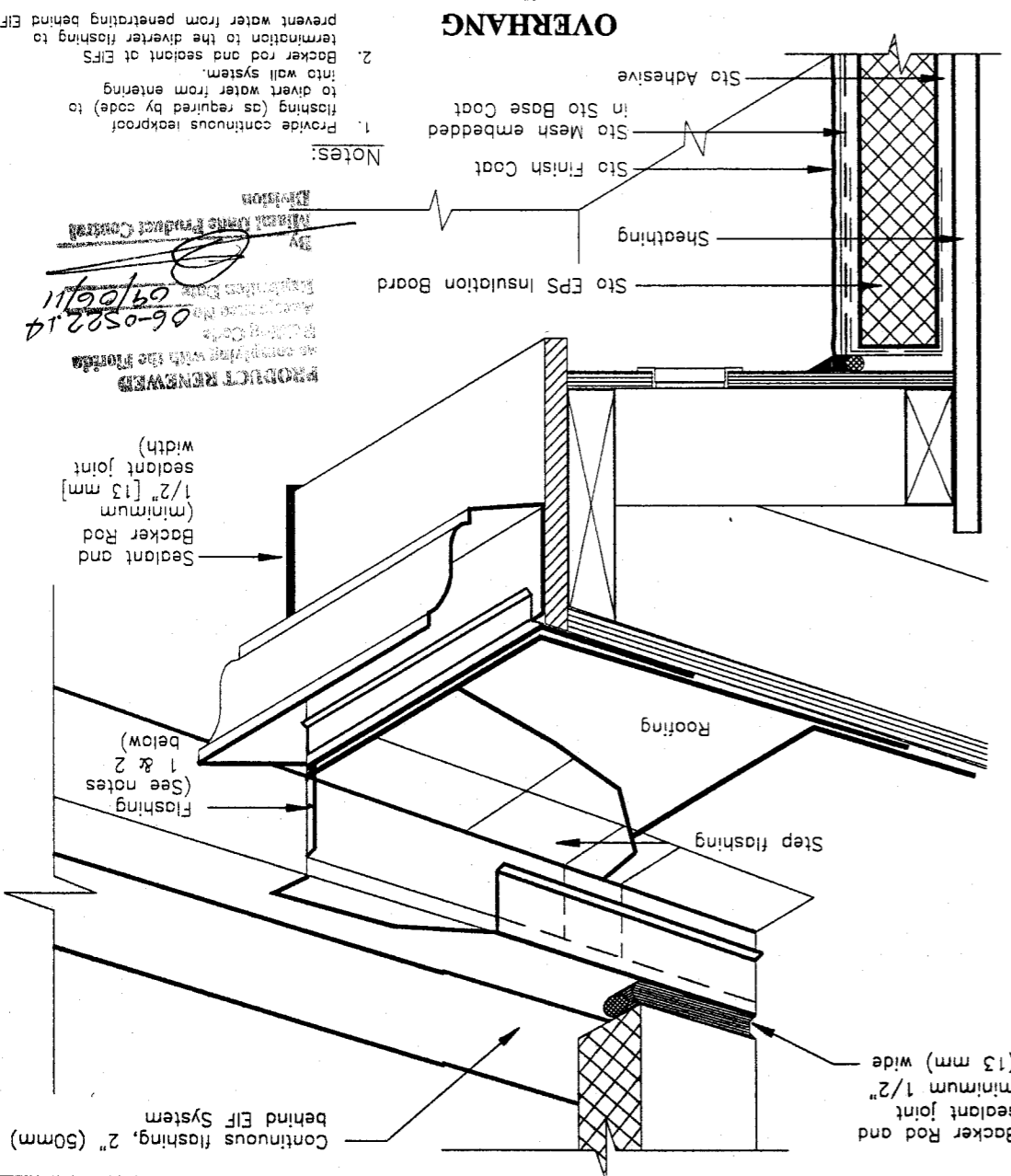
WINDOW JAMB

N.T.S.

GERNY & WEA ENGINEERS, INC.
CONSULTING ENGINEERS
TESTING LABORATORY
4880 PALMVIEW PARKWAY, KENNESAW, GA 30144
(770) 428-8828 FAX (770) 428-1168

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE SEP 06 2001
BY [Signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0614.17

OVERHANG



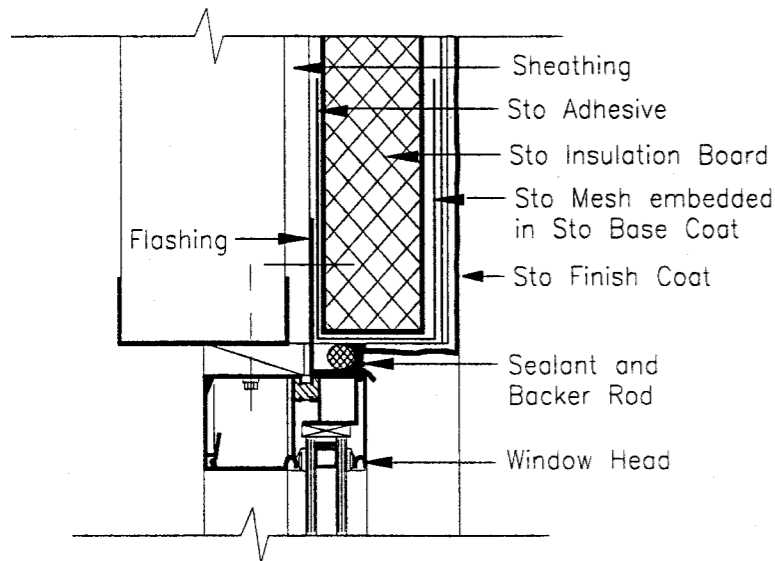
Notes:

1. Provide continuous leakproof flashing (as required by code) to divert water from entering into wall system.
2. Backer rod and sealant at EIFS termination to the diverter flashing to prevent water from penetrating behind EIFS.

PRODUCT REVIEWED
AS COMPLYING WITH THE FLORIDA
BUILDING CODE
DATE 06-20-01
BY [Signature]
MINIMUM PRODUCT CONTROL

Sto Corp.
3800 Camp Creek Parkway
Building 1400, Suite 120
Atlanta, Ga. 30331
StoHI-G-EIFS
for
Small Missile
Impact Resistance
Drawing no. Sto HI-G
Page No. 2 of 3
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Not to Scale

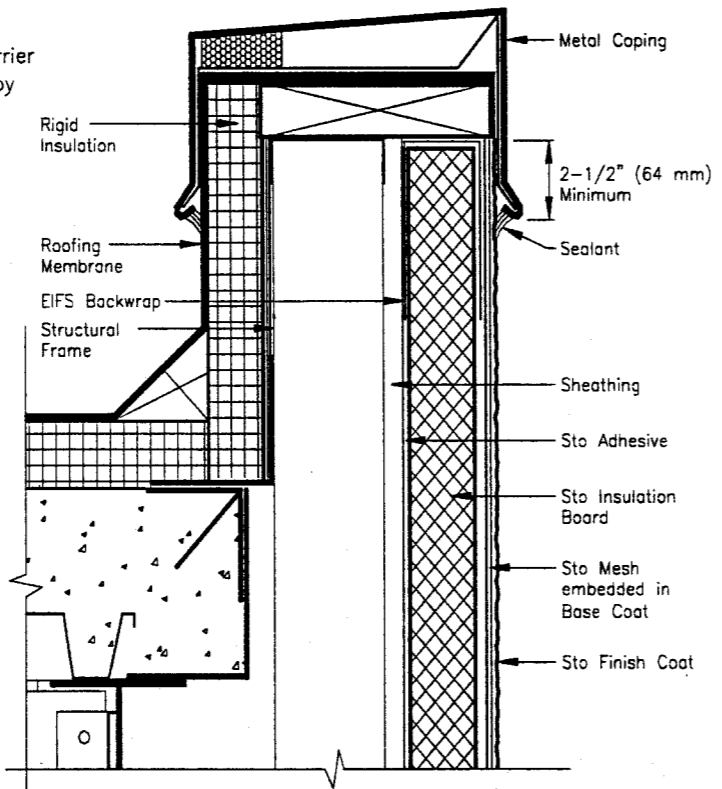
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Notes:

1. Provide minimum 3/4" (19 mm) depth from back of insulation board to face of window frame for sufficient depth to install sealant.
2. Provide minimum 1/2" (13 mm) sealant joint width.
3. Provide flashing as secondary barrier at sealant joint when called for by design professional.

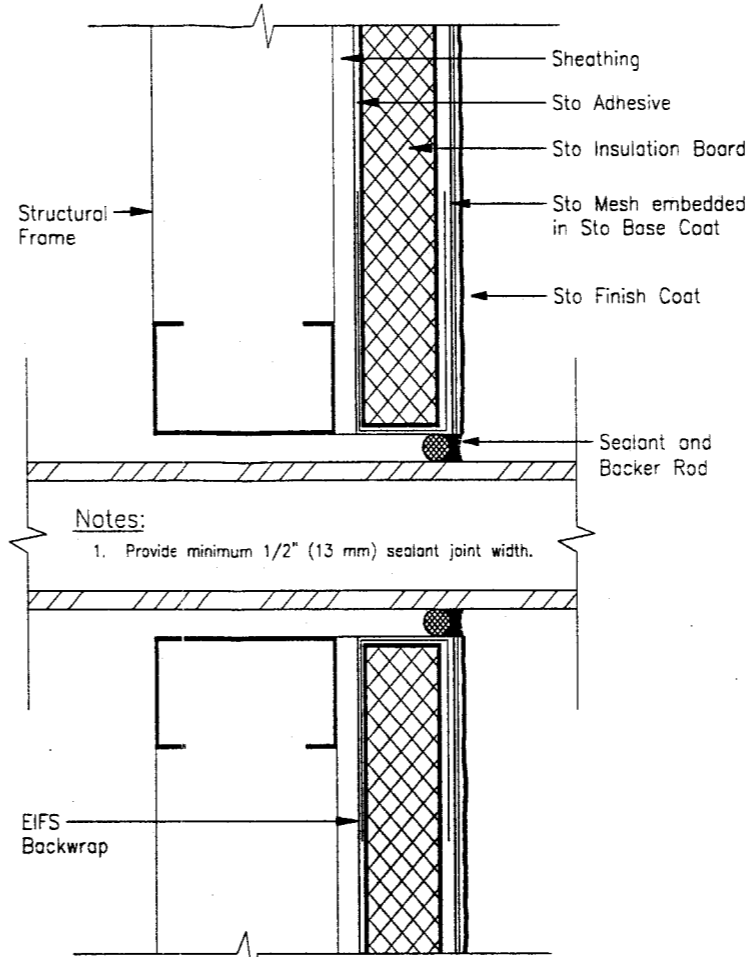
WINDOW HEAD
N.T.S.



Notes:

1. Protect exposed EIF System at parapet from weather damage during construction until permanently protected with coping.
2. Extend dimension of coping overlap for multi-story construction/coastal regions to prevent wind driven rain from entering behind system.

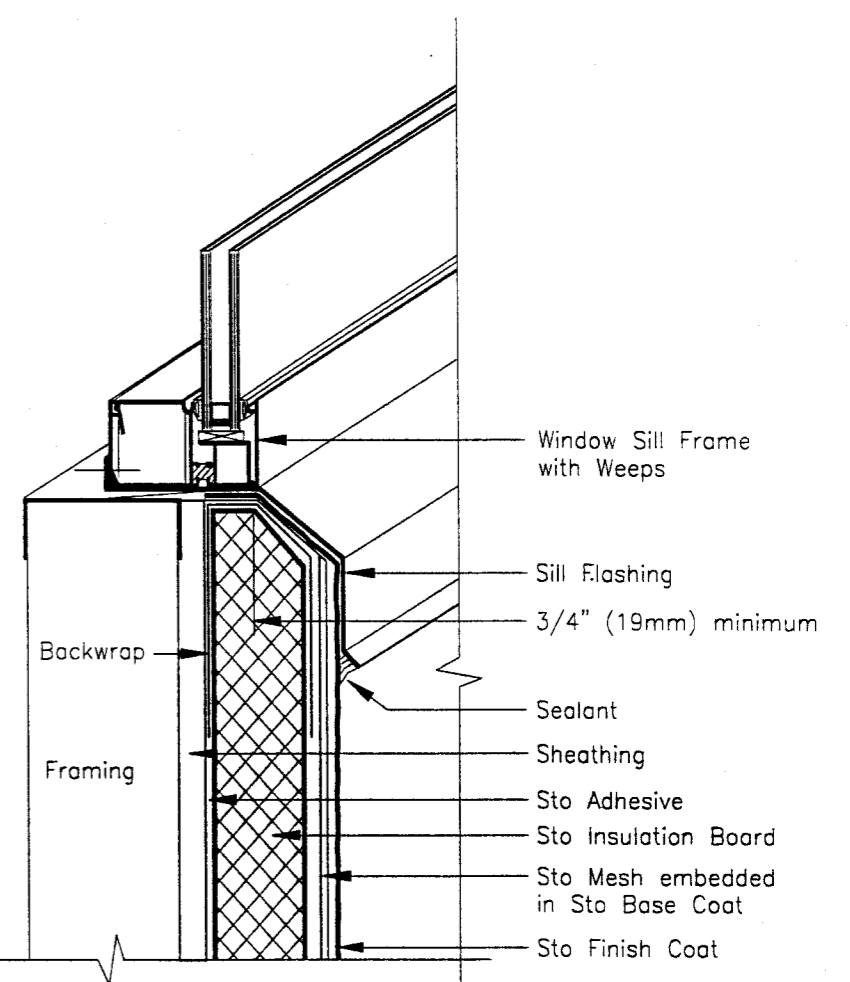
PARAPET
N.T.S.



Notes:

1. Provide minimum 1/2" (13 mm) sealant joint width.

TERMINATION AT PENETRATION
N.T.S.



Notes:

1. Protect exposed EIF System at sill from weather damage during construction until permanently protected with sill and sealant.
2. Pan up flashing @ jamb.

WINDOW SILL
N.T.S.

TYPICAL DETAILS

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE SEP 06 2001
BY [Signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0614-17

CERNY & IVEY ENGINEERS, INC.
CONSULTING ENGINEERS TESTING LABORATORY
8880 PRINCETON PARKWAY, NORCROSS, GA 30092
770-448-8888 • FAX 770-288-1164

[Signature] 3/3/01

06-0522.14
09/06/11
[Signature]

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Sto HI-G EIFS
for
Small Missile
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Page No. 3 of 3
Date: 03/15/2001
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