



MIAMI-DADE COUNTY
BUILDING AND NEIGHBORHOOD COMPLIANCE DEPARTMENT (BNC)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
 11805 SW 26 Street, Room 208
 Miami, Florida 33175-2474
 T (786) 315-2590 F (786) 315-2599

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/building

Sto Corporation
3800 Camp Creek Parkway Bldg. 1400 Suite 120
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 and accepted by Miami-Dade County BNC - Product Control Section 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 Section (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. BNC reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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 Therm EIF System NExT – S.M.I.

APPROVAL DOCUMENT: Drawing No. **eXP-ST01**, titled “Sto Therm EIFS NExT eXP-1”, sheets 1 through 3 of 3, dated 08/11/10, prepared by Sto Corporation, signed and sealed by Christopher B. Shiver, 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 Section.

MISSILE IMPACT RATING: 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 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]
 08/02/11

NOA No. 11-0606.04
Expiration Date: August 11, 2016
Approval Date: August 11, 2011
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. eXP-ST01, titled "Sto Therm EIFS NExt eXP-1", sheets 1 through 3 of 3, dated 08/11/10, prepared by Sto Corporation, P.E., LLC, signed and sealed by Christopher B. Shiver, P.E.

B. TESTS

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Small Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of eXP-ST01 EIF Systems (specimens 6, 7 & 8), prepared by Hurricane Test Laboratory, LLC, Test Report No. G537-0701-10, dated 11/01/10, signed and sealed by Vinu J. Abraham, P.E.

C. CALCULATIONS

1. Engineering report prepared by Chris Shiver, P.E., LLC, dated 03/21/11, signed and sealed by Christopher B. Shiver, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Building and Neighborhood Compliance Department (BNC)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

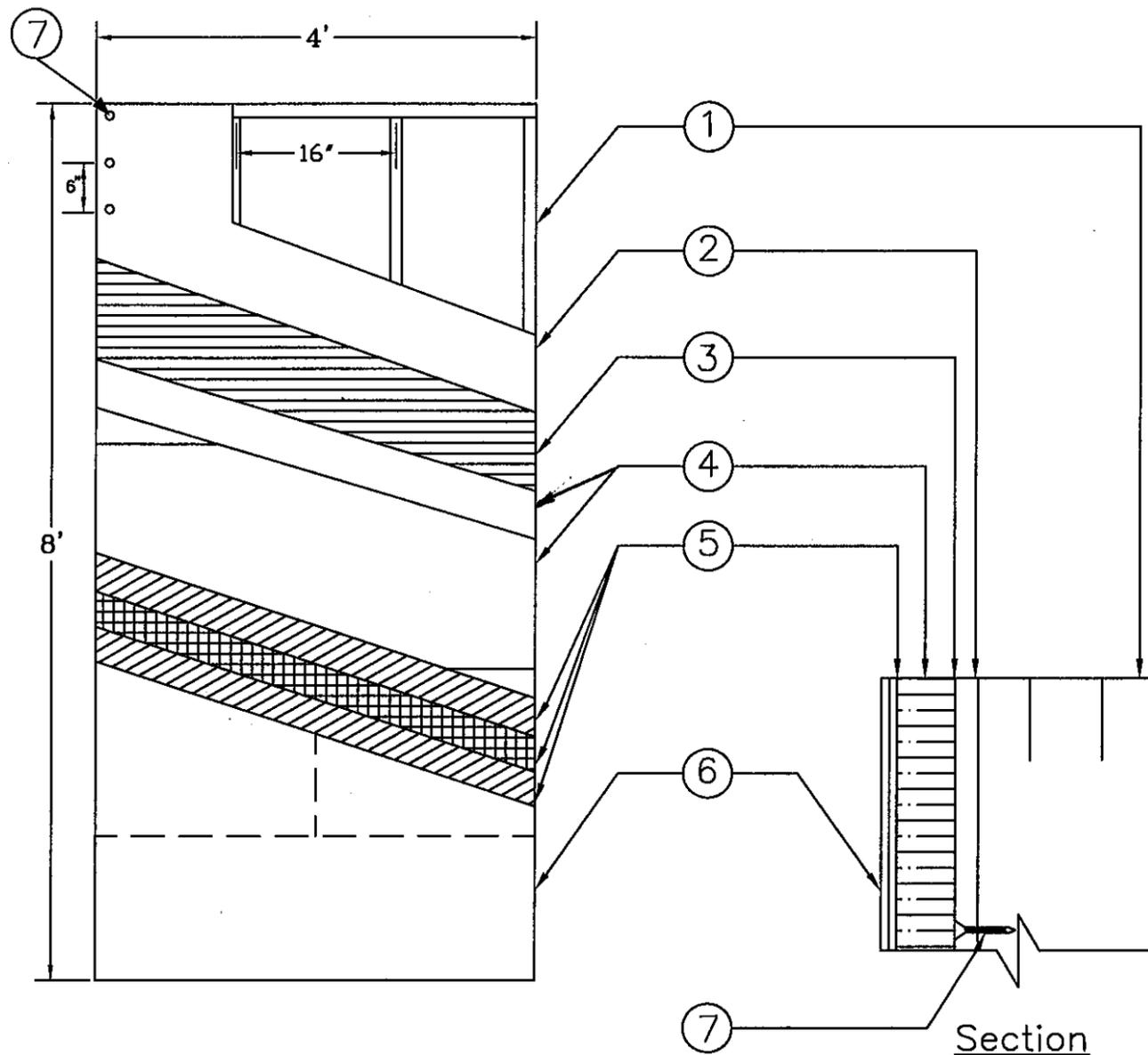
1. Statement of code conformance to FBC 2007 issued by Chris Shiver, P.E., LLC, dated 03/21/11, signed and sealed by Christopher B. Shiver, P.E.
2. Statement of no financial interest issued by Chris Shiver, P.E., LLC, dated 03/21/11, signed and sealed by Christopher B. Shiver, P.E.
3. Statement letter of code conformance issued by Hurricane Test Laboratory, LLC, Test Reports No. G537-0701-10, dated 11/01/10, signed and sealed by Vinu J. Abraham, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 11-0606.04

Expiration Date: August 11, 2016

Approval Date: August 11, 2011



- KEY:**
- ① 3 5/8" Steel Studs and track (18 ga) @ 16" O.C.
 - ② 5/8" eXP Sheathing.
 - ③ Sto Gold Coat
 - ④ EPS Board @ 1" thick with base coat.
 - ⑤ Sto Base Coat with Sto 920 E 4.6 oz Mesh Embedded
 - ⑥ Sto Finish
 - ⑦ # 6 1-1/4" Self Drill Screws @ 6" o.c. in field and perimeter.

Design Pressure Rating +/- 100psf
Small Missile Impact Resistance

Description:

1.1 Substrates and Sto products approved with the system

- 1.1.1 eXP sheathing over steel studs. 3 5/8" x 1- 5/8" x18 ga. Steel studs @ 16" o.c with 5/8" eXP sheathing fastened to the steel studs with #6 1- 1/4 self drill screws. @ 6" o.c. in field and perimeter.
- 1.1.2 All substrate approved under this Notice of Acceptance shall be designed by a Florida Professional Engineer or Registered Architect according to the 2004/2007 Florida Building Code and the minimum standards established here. Provisions for diaphragm action are required if necessary for gypsum wall substrate and the deflection shall be limited to L/240 on all cases.

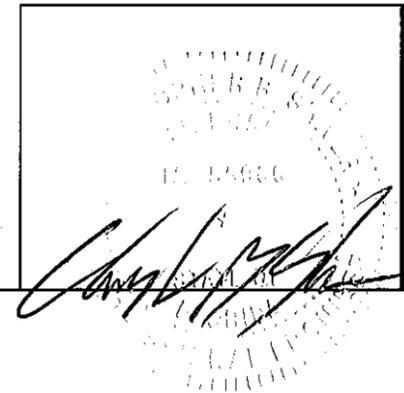
1.2 Components of the System

- 1.2.1 Sto Gold Coat
A ready mixed flexible waterproof material applied to eXP sheathing via roller to approximately 10 wet mils.
- 1.2.2 Insulation Board
Dyplast 1" thick EPS in compliance with ASTM C 578 type 1 1lb cu ft density as approved under Notice of Acceptance #06-1011.05. Sto base coat is applied uniformly in ribbons parallel to the short dimension to the back of the 1" thick Dyplast 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.
- 1.2.3 Sto 920 E Mesh
A nominal 4.6 oz./sq. symmetrical, interlaced open-weave glass fabric made with alkaline resistance coating for compatibility with Sto materials. Available in rolls 38" wide. Sto base coat is mixed and applied by trowel to a uniform thickness of 1/16" to the face of the Dyplast boards. Work horizontally or vertically in strips of 40" and immediately imbed the mesh into the wet base trowling from the center to the edge of the mesh. Overlap the mesh no 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 finish.
- 1.2.4 Sto Finish
A ready mix, acrylic based, textured wall coating. Sto finish is mixed with a high speed electronic 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 2004/2007 Florida Building Code with 2009 supplements.
- 2) This system has been tested in accordance with Florida Building Code Protocol TAS 201, TAS-202, and TAS 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 2004/2007 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 pages 2/3 of 3 are typical and show intent to prevent water infiltration in to and behind the system. Use of these details or any alternate details and specific conditions are the responsibility of the licensed design professional in consultation with Sto Corp.

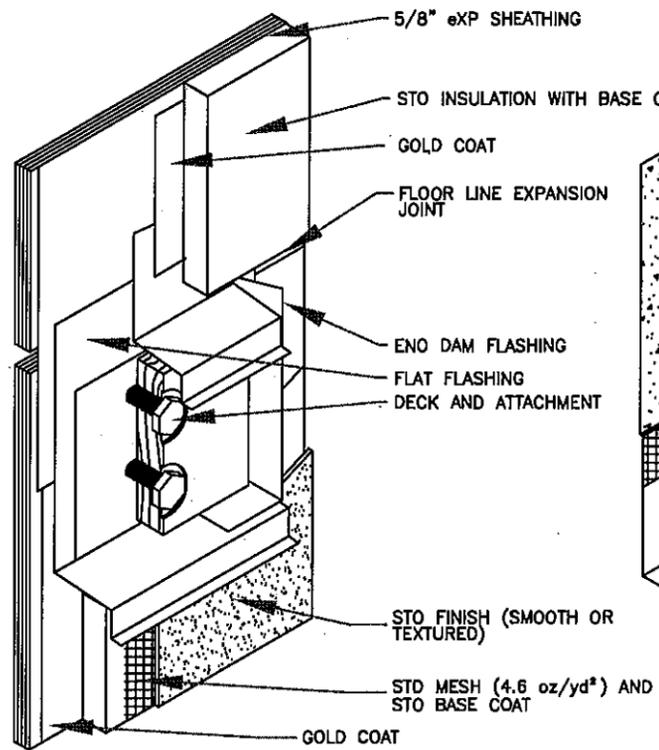
Approved as complying with the
Florida Building Code
Date 08/11/2011
NOA# 11-1606-04
Miami Dade Product Control
By *[Signature]*



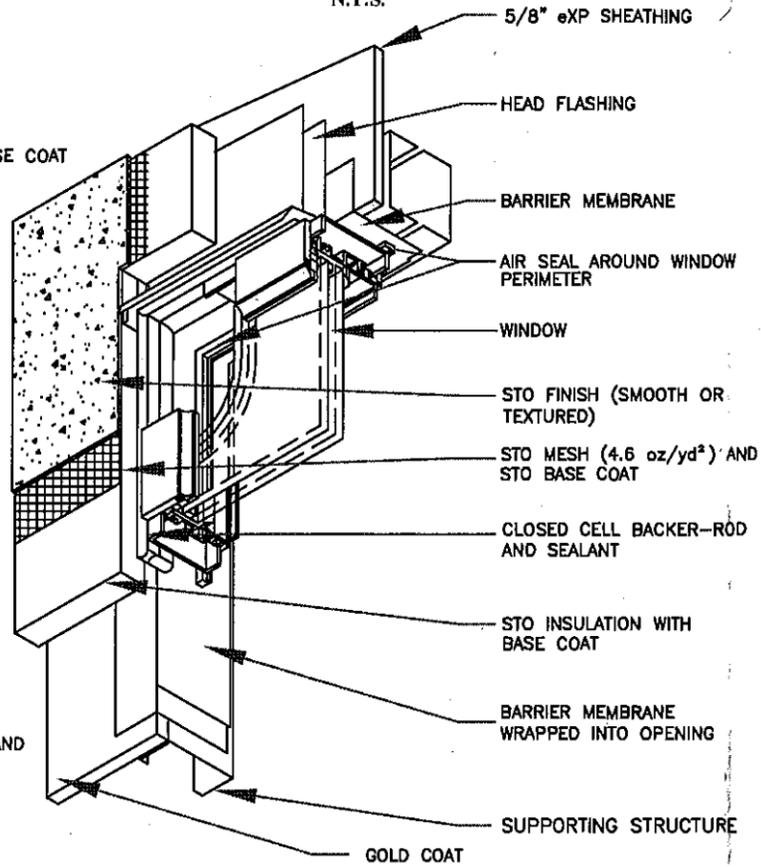
STO CORP.
3800 Camp Creek Pky
Bldg 1400 Suite 120
Atlanta GA 30331
for
Sto Therm EIFS NExT eXP-1

**Small Missile
Impact Resistance**
Drawing No. eXP-ST01
Page No 1 of 3 Date 8-11-10
Not To Scale

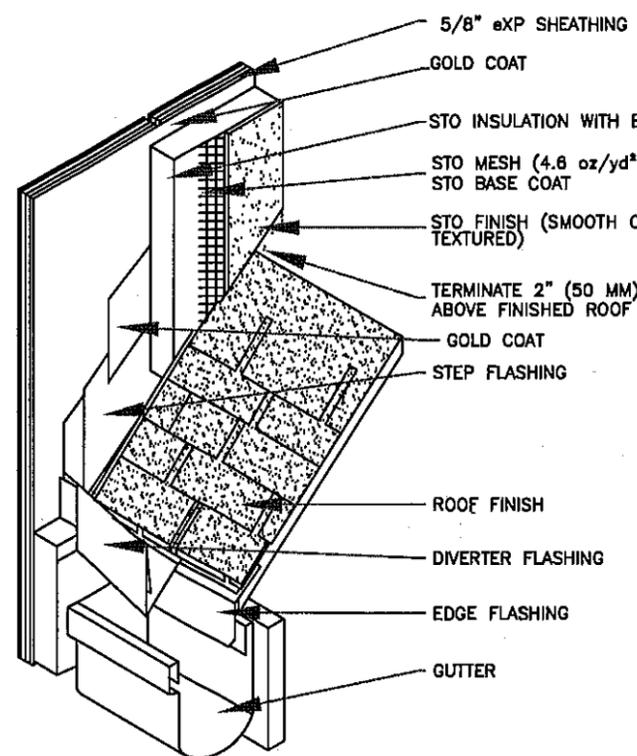
TERMINATION AT DECK
N.T.S.



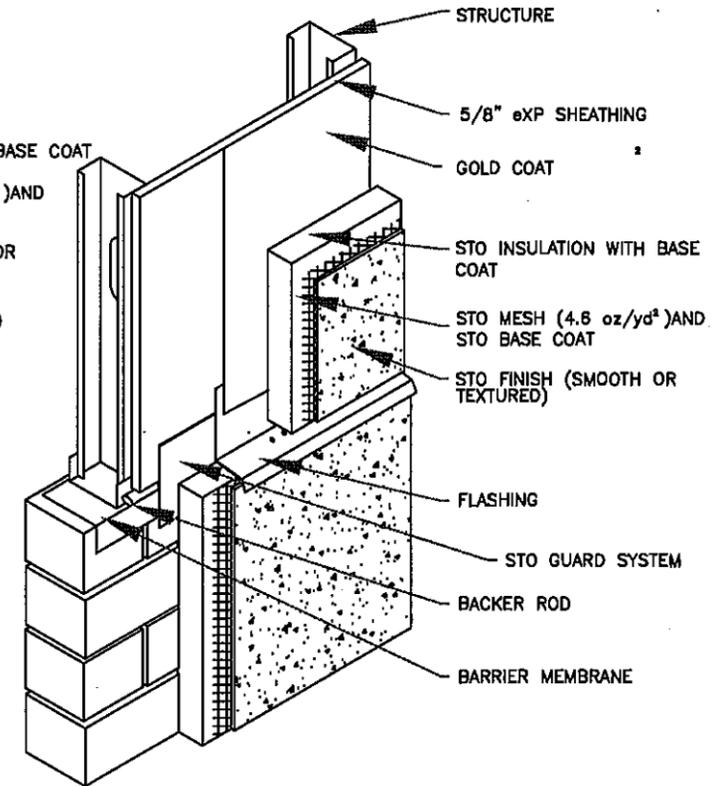
WINDOW JAMB
N.T.S.



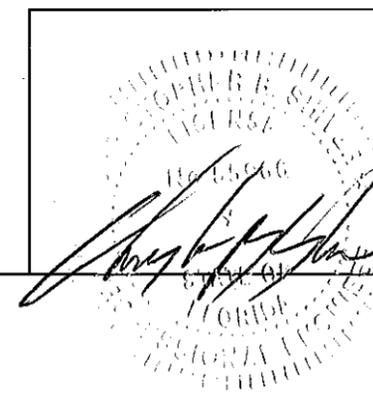
OVERHANG
N.T.S.



CONSTRUCTION JOINT
N.T.S.



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NOA# 11-0606-04
Miami Dade Product Control
By [Signature]

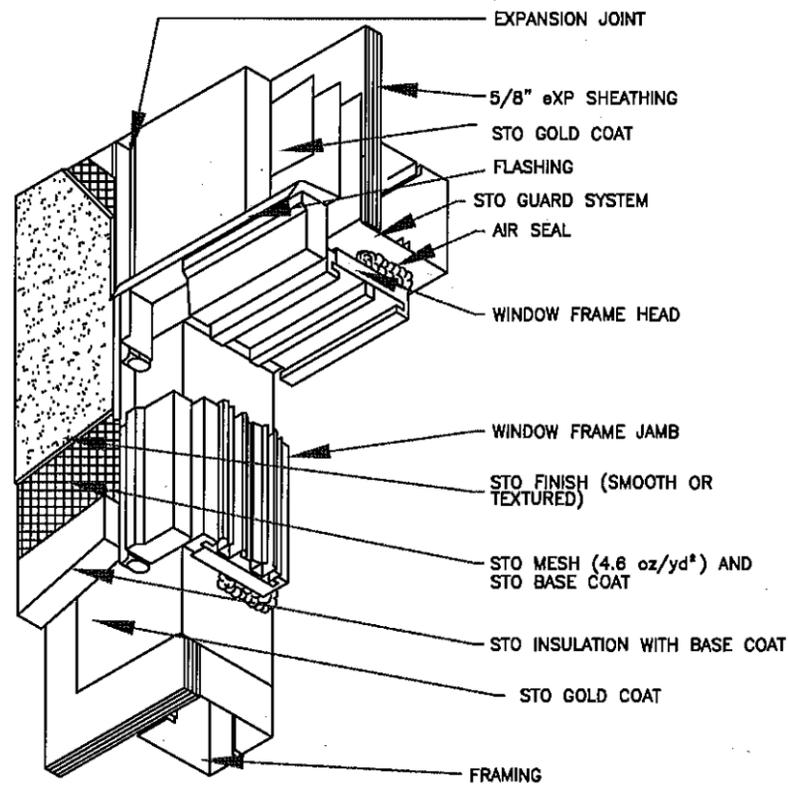


STO CORP.
3800 Camp Creek Pky
Bldg 1400 Suite 120
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for
Sto Therm EIFS NEXT eXP-1

Small Missile
Impact Resistance
Drawing No. eXP-ST01
Page No 2 of 3 Date 8-11-10
Not To Scale

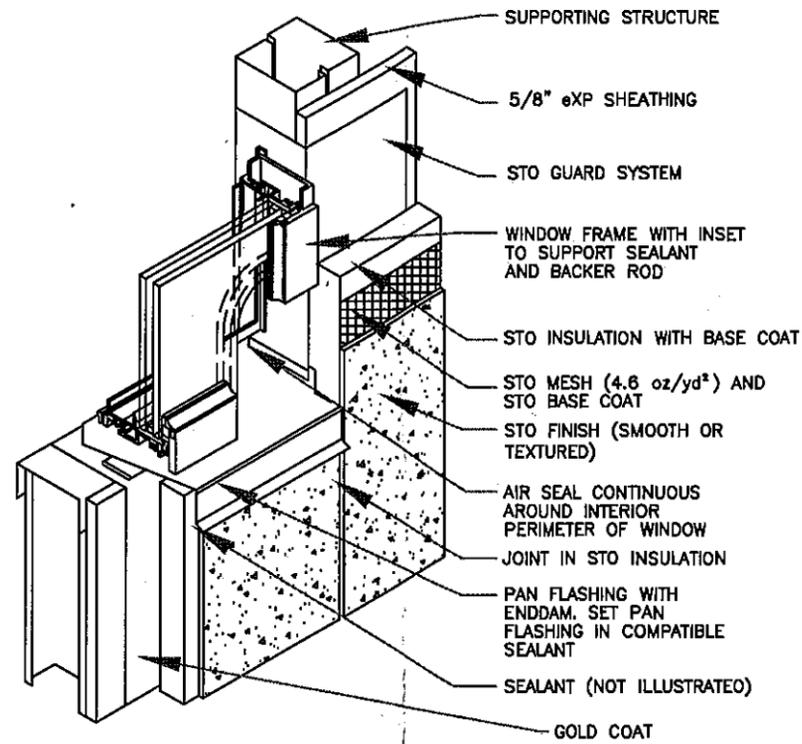
WINDOW HEAD

N.T.S.



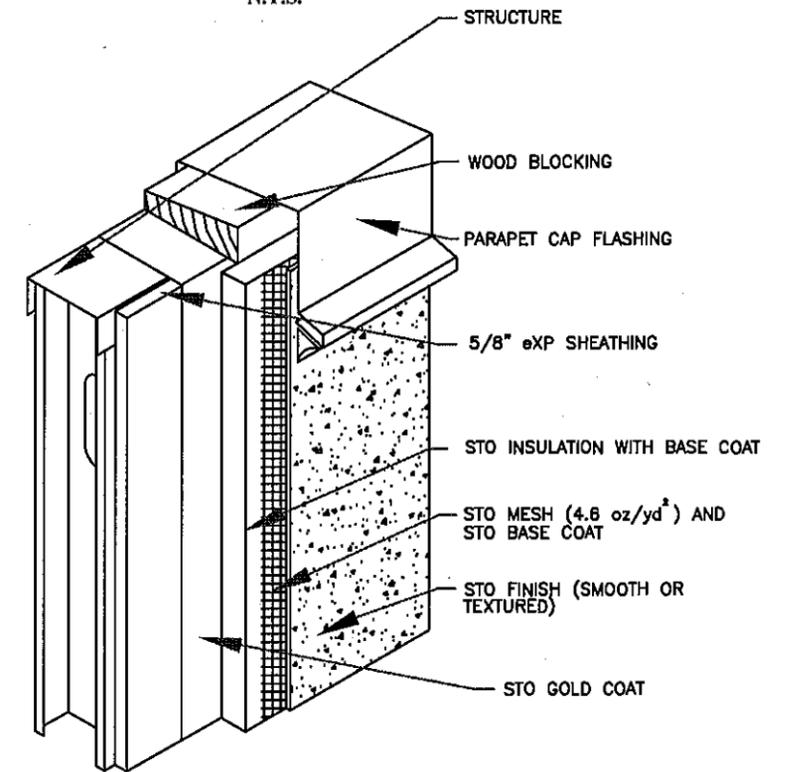
WINDOW SILL

N.T.S.

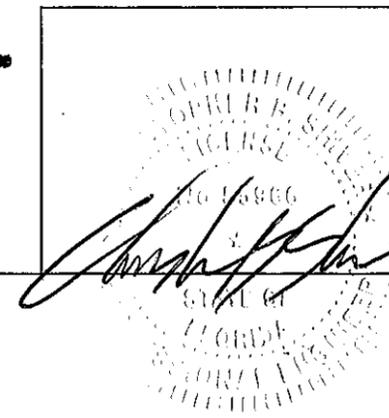


PARPET

N.T.S.



Approved as complying with the
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 Date *08/11/2011*
 NOAH *11-0026-01*
 Miami Dade Product Control
 By *[Signature]*



STO CORP.
 3800 Camp Creek Pky
 Bldg 1400 Suite 120
 Atlanta GA 30331
 for
 Sto Therm EIFS NEXT eXP-1
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