



**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)**

**BASF Wall Systems, Inc.  
3550 St. Johns Bluff Rd, South  
Jacksonville, FL 32224-2614**

**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: Senergy Senerflex Wall System**

**APPROVAL DOCUMENT:** Drawing No. none, titled "Typical Details for Senerflex Wall System over Dens Glass Gold Frame (Large Missile)", sheets 1 through 4 prepared by Senergy LLC, dated 09/28/98 with latest revision dated 04/26/07, signed and sealed by Walter A. Tillit Jr., 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 Missile Impact**

**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 # 02-1022.17** and consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Mohammed Iqbal Shaikh, P.E.**



**NOA No. 06-1101. 05  
Expiration Date: November 5, 2007  
Approval Date: June 7, 2007  
Page 1**

**BASF Wall Systems, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. none, titled "Typical Details for Senerflex Wall System over Dens Glass gold Frame (Large Missile)", sheets 1 through 4, prepared by Senergy LLC, dated 09/28/98 with latest revision dated 04/26/07, signed and sealed by Walter A. Tillit Jr., P.E.

**B. TESTS**

1. Test report on Cyclic Load Test per PA 203 and Static Air Pressure Test per PA 202 on "Senerflex Large Missile Assembly", prepared by Hurricane Test Laboratory Inc, report # 0152-0506-98 dated 05/06/98, signed and sealed by T. S. Marshall, PE.
2. Test report on Cyclic Load Test per PA 203 and Static Air Pressure Test per PA 202 on "Senerflex Large Missile Assembly", prepared by Hurricane Test Laboratory Inc, report # 0152-0505-98 dated 05/06/98, signed and sealed by T. S. Marshall, PE.

**C. CALCULATIONS**

None

**D. MATERIAL CERTIFICATIONS**

1. Product Control Notice of Acceptance No. 95-0626.01 issued to Apache Products Co. on 01/11/96
2. Product Control Notice of Acceptance No. 96-0131.02, issued to Allied Foam Products, Inc. on 06/19/97.

**E. STATEMENTS**

1. Letter dated 05/01/07 of 2004 Florida Building Code compliance and no financial interest prepared by Tilteco Inc., signed by Walter A. Tillit, Jr. P.E.
2. Letter dated 03/23/07 by Hurricane Testing Laboratory, LLC stating that the laboratory has been contracted to perform required testing for the renewal of the product signed by Monica Reum.

**F. OTHER**

NOA 02-1022.17 and 99-1005.04

---

Mohammed Iqbal Shaikh, P.E.  
Senior Code Compliance Specialist  
NOA No 06-1101.05  
Expiration Date: November 5, 2007  
Approval Date: June 7, 2007

Typical Details for Senerflex Wall System over Dens Glass Gold Frame (Large Missile)

REVISIONS DATES

1/10/00  
4/26/07



TILLIT TESTING & ENGINEERING COMPANY  
6355 NW 36th STREET, STE. 305  
MIAMI, FLORIDA 33166  
FL E.B. LICENSE No. 0006719

ENGINEER'S: NAME NUMBER & DISCIPLINE

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

MAY 01 2007

FOR OFFICE USE

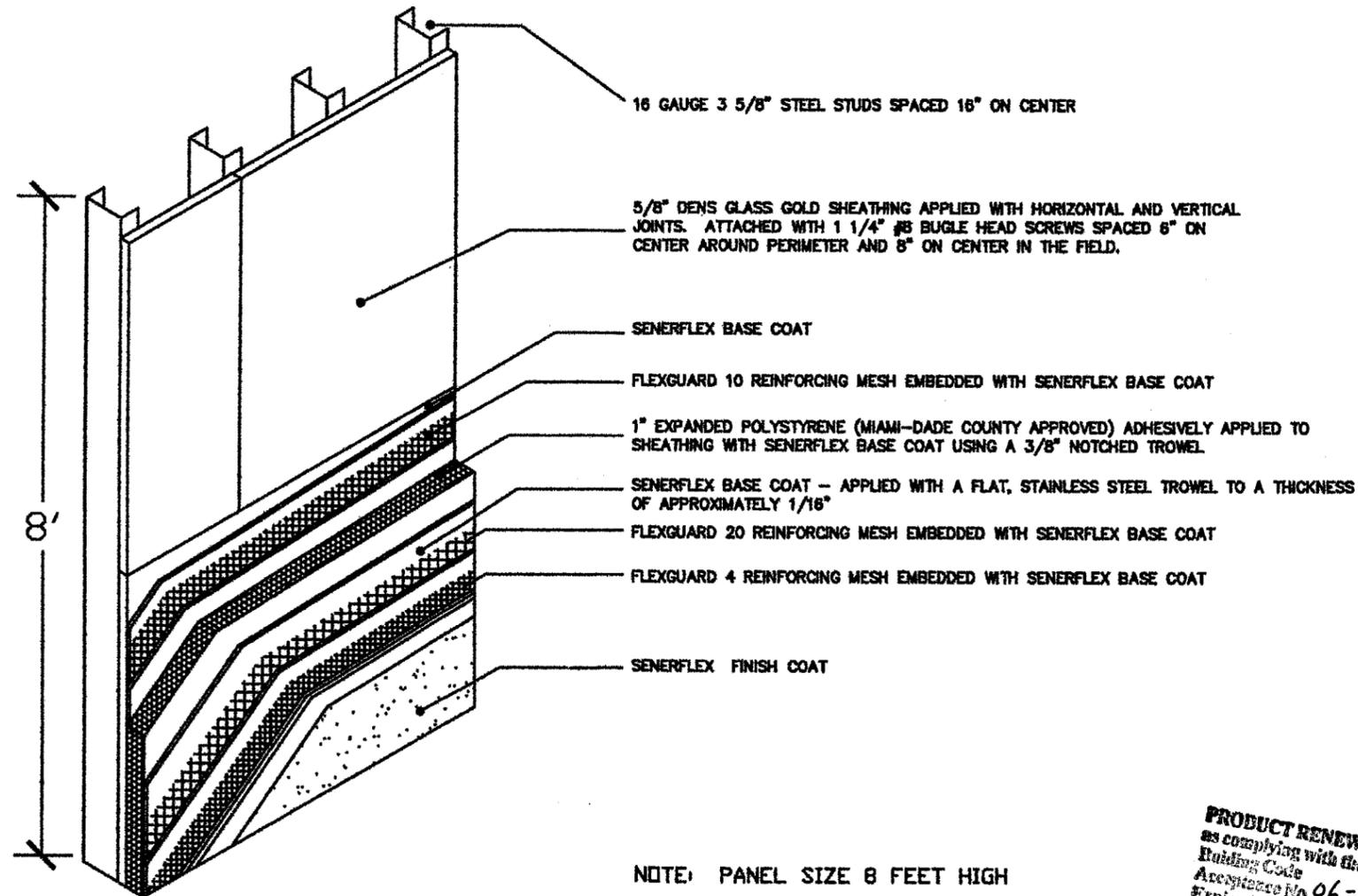
3650 St Johns Bluff Rd South  
Jacksonville, FL 32224  
800-221-9255  
www.senergy.co

APPLICATION NOTES

- 1) SENERFLEX BASE COAT IS MIXED AT THE TIME OF USE WITH PORTLAND CEMENT (1 TO 1 BY WEIGHT) AND WATER WITH PADDLE AND DRILL TO A HOMOGENEOUS CONSISTENCY.
- 2) SENERFLEX BASE COAT IS APPLIED TO THE FRONT OF THE SHEATHING USING A 3/8" X 3/8" U NOTCHED TROWEL HAVING 3/8" FLAT SEGMENTS BETWEEN NOTCHES.
- 3) FLEXGUARD 10 IS A GLASS FIBER, OPEN WEAVE REINFORCING FABRIC THAT WEIGHS 10.3 OZ/SQUARE YARD. IT IS FULLY EMBEDDED IN THE BASECOAT. EDGES SHALL BE LAPPED BY 2 1/2 INCHES.
- 4) "ALLIED FOAM" OR "APACHE" EPS HAS A DENSITY OF 1 PCF AND IT SHALL BE APPLIED HORIZONTALLY IN A RUNNING BOND PATTERN STAGGERING VERTICAL JOINTS AND CORNERS.
- 5) AFTER BASE COAT IS DRIED AND INSULATION BOARD IS RASPED TO A SMOOTH SURFACE, A LAYER OF SENERFLEX BASE COAT IS APPLIED TO THE EXPOSED SURFACE. FLEXGUARD 20 REINFORCING MESH WEIGHING 20.5 OZ/SQUARE YARD IS EMBEDDED IN THE WET BASE COAT BY TROWELING FROM THE CENTER OUT. ALL EDGES ARE BUTTED.
- 6) AFTER FLEXGUARD 20 APPLICATION IS DRY, A SECOND APPLICATION WITH FLEXGUARD 4 IS MADE.
- 7) SENERFLEX FINISH COAT IS AN ACRYLIC BASED TEXTURE EXTERIOR COATING READY MIXED FROM THE FACTORY. IT IS APPLIED WITH A STAINLESS STEEL TROWEL AND FLOATED TO A DESIRED TEXTURE.

GENERAL NOTES

- 1) THIS SYSTEM HAS BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2004 EDITION AND ITS LATEST SUPPLEMENTS.
- 2) THIS SYSTEM HAS BEEN TESTED IN ACCORDANCE WITH MIAMI-DADE COUNTY PROTOCOL TAS-201, TAS-202 & TAS-203 FOR LARGE MISSILE IMPACT, STRUCTURAL AND CYCLIC TESTING.
- 3) THIS SYSTEM SHALL BE APPLIED BY A LICENSED PLASTERING CONTRACTOR FOLLOWING THIS NOTICE OF ACCEPTANCE, THE RECOMMENDATIONS OF SENERGY INC. AND THE APPLICABLE SECTION 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 CODE AND THIS DOCUMENT.
- 5) 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 THE MANUFACTURER.
- 6) ALL STEEL STUDS SHALL BE STRUCTURAL WITH 1 5/8" MIN FLANGE WIDTH AND HAVE A MINIMUM YIELD STRENGTH OF 33000 PSI
- 7) DETAILS ON SHEET 3 & 4 OF 4 ARE TYPICAL AND SHOW INTENT TO PREVENT WATER INFILTRATION INTO AND BEHIND THE SYSTEM. ALTERNATE DETAILS AND SPECIFIC CONDITIONS NOT COVERED BY THE TYPICAL DETAILS ARE THE RESPONSIBILITY OF THE LICENSED DESIGN PROFESSIONAL IN CONSULTATION WITH SENERGY, INC.



NOTE: PANEL SIZE 8 FEET HIGH

DESIGN PRESSURE RATING
+/- 65 PSF
LARGE MISSILE IMPACT RESISTANCE

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 06-1101-05  
Expiration Date 11/5/07  
By M. Shaul  
Miami Dade Product Control  
Division

Typical Details for Senerflex Wall System over Dens Glass Gold Frame (Large Missile)

REVISIONS DATES

1/10/00  
4/28/07



TILLIT TESTING & ENGINEERING COMPANY  
6355 NW 36th STREET, STE. 305  
MIAMI, FLORIDA 33166  
FL E.B. LICENSE No. 0006719

ENGINEER'S: NAME NUMBER & DISCIPLINE

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

MAY 03 2007

FOR OFFICE USE

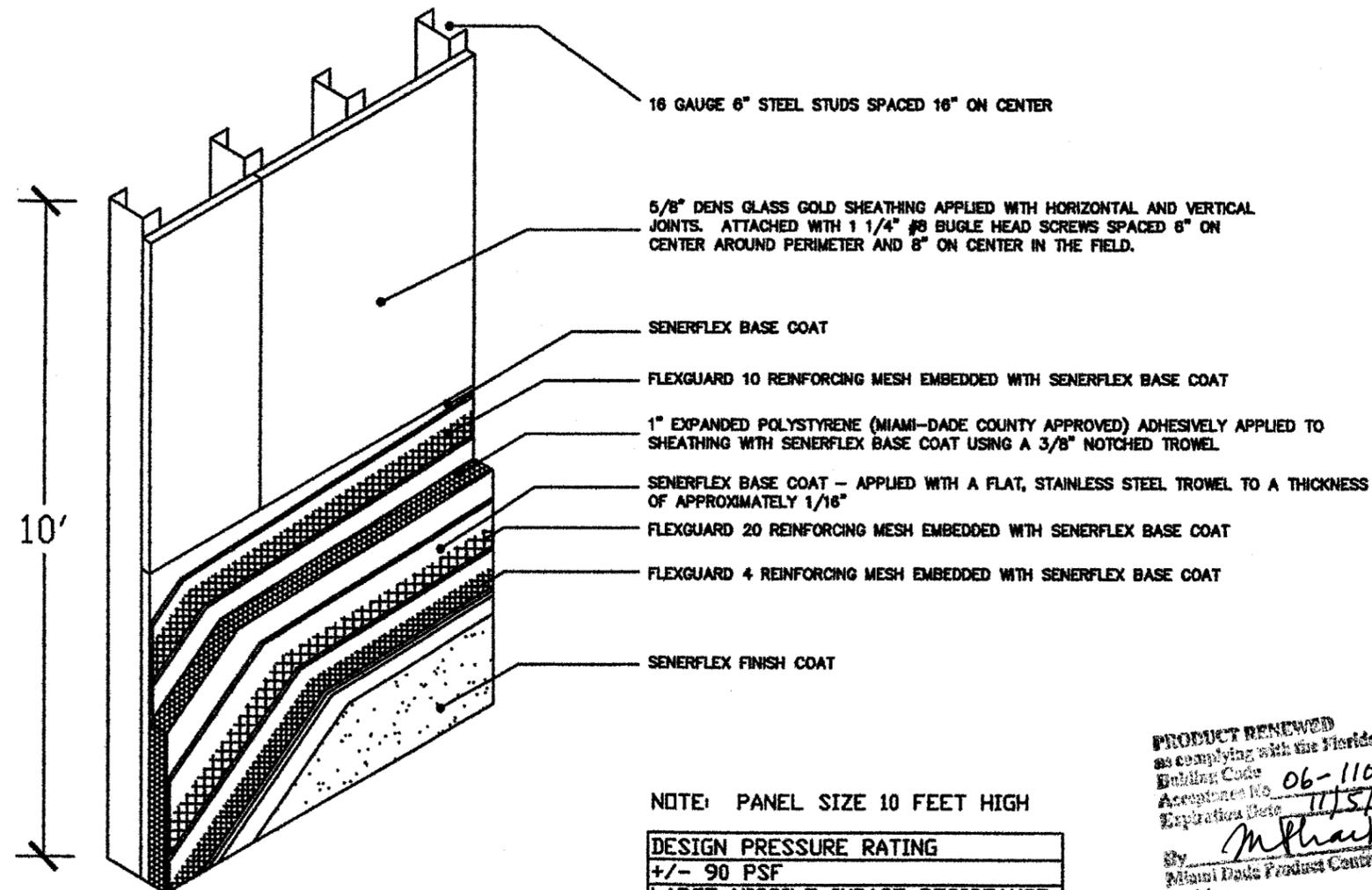
3550 St Johns Bluff Rd South  
Jacksonville, FL 32224  
800-221-9256  
www.senergy.cc

**APPLICATION NOTES**

- 1) SENERFLEX BASE COAT IS MIXED AT THE TIME OF USE WITH PORTLAND CEMENT (1 TO 1 BY WEIGHT) AND WATER WITH PADDLE AND DRILL TO A HOMOGENEOUS CONSISTENCY.
- 2) SENERFLEX BASE COAT IS APPLIED TO THE FRONT OF THE SHEATHING USING A 3/8" X 3/8" U NOTCHED TROWEL HAVING 3/8" FLAT SEGMENTS BETWEEN NOTCHES.
- 3) FLEXGUARD 10 IS A GLASS FIBER, OPEN WEAVE REINFORCING FABRIC THAT WEIGHS 10.3 OZ/SQUARE YARD. IT IS FULLY EMBEDDED IN THE BASECOAT. EDGES SHALL BE LAPPED BY 2 1/2 INCHES.
- 4) "ALLIED FOAM" OR "APACHE" EPS HAS A DENSITY OF 1 PCF AND IT SHALL BE APPLIED HORIZONTALLY IN A RUNNING BOND PATTERN STAGGERING VERTICAL JOINTS AND CORNERS.
- 5) AFTER BASE COAT IS DRIED AND INSULATION BOARD IS RASPED TO A SMOOTH SURFACE, A LAYER OF SENERFLEX BASE COAT IS APPLIED TO THE EXPOSED SURFACE. FLEXGUARD 20 REINFORCING MESH WEIGHING 20.5 OZ/SQUARE YARD IS EMBEDDED IN THE WET BASE COAT BY TROWELING FROM THE CENTER OUT. ALL EDGES ARE BUTTED.
- 6) AFTER FLEXGUARD 20 APPLICATION IS DRY, A SECOND APPLICATION WITH FLEXGUARD 4 IS MADE.
- 7) SENERFLEX FINISH COAT IS AN ACRYLIC BASED TEXTURE EXTERIOR COATING READY MIXED FROM THE FACTORY. IT IS APPLIED WITH A STAINLESS STEEL TROWEL AND FLOATED TO A DESIRED TEXTURE.

**GENERAL NOTES**

- 1) THIS SYSTEM HAS BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2004 EDITION AND ITS LATEST SUPPLEMENTS.
- 2) THIS SYSTEM HAS BEEN TESTED IN ACCORDANCE WITH MIAMI-DADE COUNTY PROTOCOL TAS-201, TAS-202 & TAS-203 FOR LARGE MISSILE IMPACT, STRUCTURAL AND CYCLIC TESTING.
- 3) THIS SYSTEM SHALL BE APPLIED BY A LICENSED PLASTERING CONTRACTOR FOLLOWING THIS NOTICE OF ACCEPTANCE, THE RECOMMENDATIONS OF SENERGY INC. AND THE APPLICABLE SECTION 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 CODE AND THIS DOCUMENT.
- 5) 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 THE MANUFACTURER.
- 6) ALL STEEL STUDS SHALL BE STRUCTURAL WITH 1 5/8" MIN FLANGE WIDTH AND HAVE A MINIMUM YIELD STRENGTH OF 33000 PSI
- 7) DETAILS ON SHEET 3 & 4 OF 4 ARE TYPICAL AND SHOW INTENT TO PREVENT WATER INFILTRATION INTO AND BEHIND THE SYSTEM. ALTERNATE DETAILS AND SPECIFIC CONDITIONS NOT COVERED BY THE TYPICAL DETAILS ARE THE RESPONSIBILITY OF THE LICENSED DESIGN PROFESSIONAL IN CONSULTATION WITH SENERGY, INC.



NOTE: PANEL SIZE 10 FEET HIGH

DESIGN PRESSURE RATING
+/- 90 PSF
LARGE MISSILE IMPACT RESISTANCE

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 06-1101-05  
Expiration Date 11/5/07  
By *M. Phach*  
Miami Dade Product Control  
Division

Typical Details for Senerflex Wall System over Dens Glass Gold Frame (Large Missile)

REVISIONS DATES

4/26/07



TILLIT TESTING & ENGINEERING COMPANY  
6355 NW 36th STREET, STE. 305  
MIAMI, FLORIDA 33166  
FL E.B. LICENSE No. 0006719

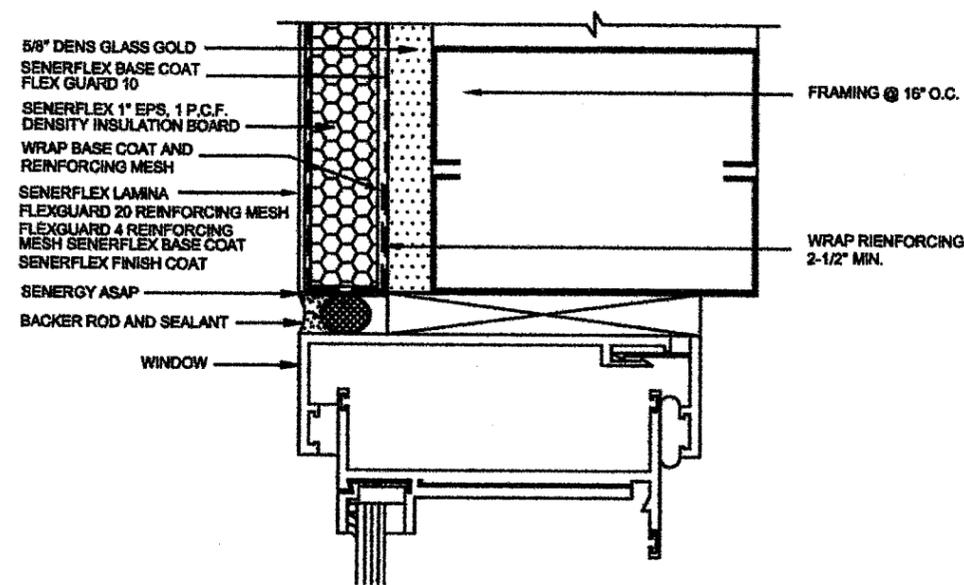
ENGINEER'S: NAME NUMBER & DISCIPLINE

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

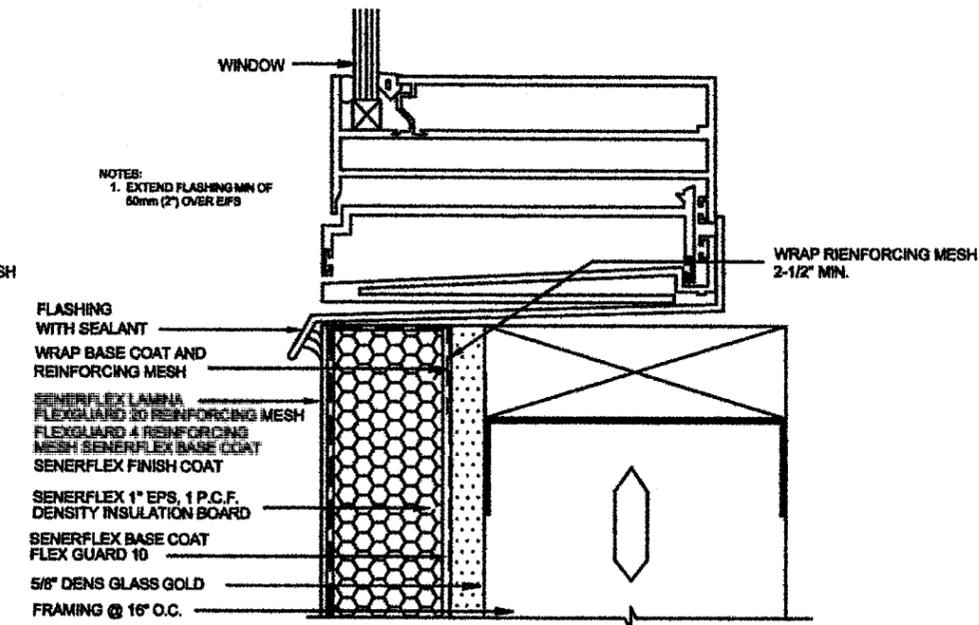
MA: 01207

FOR OFFICE USE

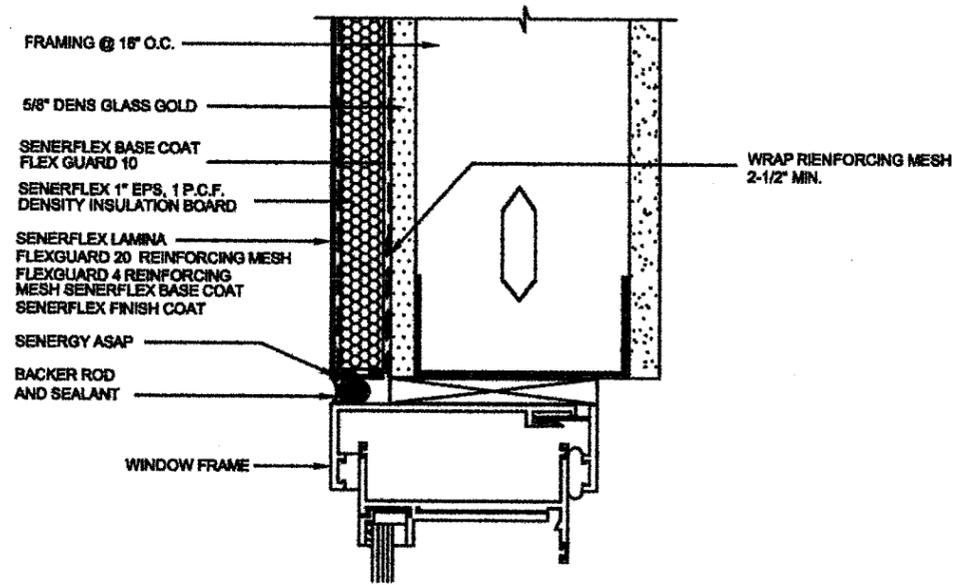
3550 St Johns Bluff Rd South  
Jacksonville, FL 32224  
800-221-9255  
www.senergy.co



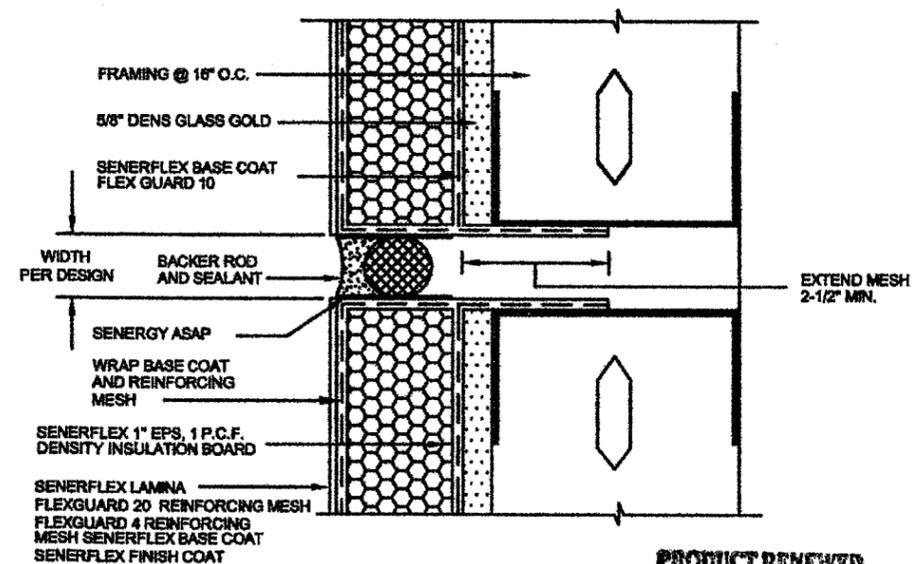
WINDOW JAMB DETAIL (FLUSH)



WINDOW SILL DETAIL (FLUSH)



TYPICAL WINDOW HEAD (FLUSH)



EXPANSION JOINT DETAIL

NOTE: SENERGY ASAP IS APPLIED TO SENERFLEX BASE COAT IN SEALANT JOINTS PRIOR TO APPLICATION OF SEALANT SYSTEM

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Accepted No. 06-1101-05  
Expiration Date 11/5/07  
By *M. Whit*  
Miami Dade Product Control  
Division

Typical Details for Senerflex Wall System over Dens Glass Gold Frame (Large Missile)

REVISIONS DATES

4/26/07



TILLIT TESTING & ENGINEERING COMPANY  
6355 NW 36th STREET, STE. 305  
MIAMI, FLORIDA 33166  
FL E.B. LICENSE No. 0006719

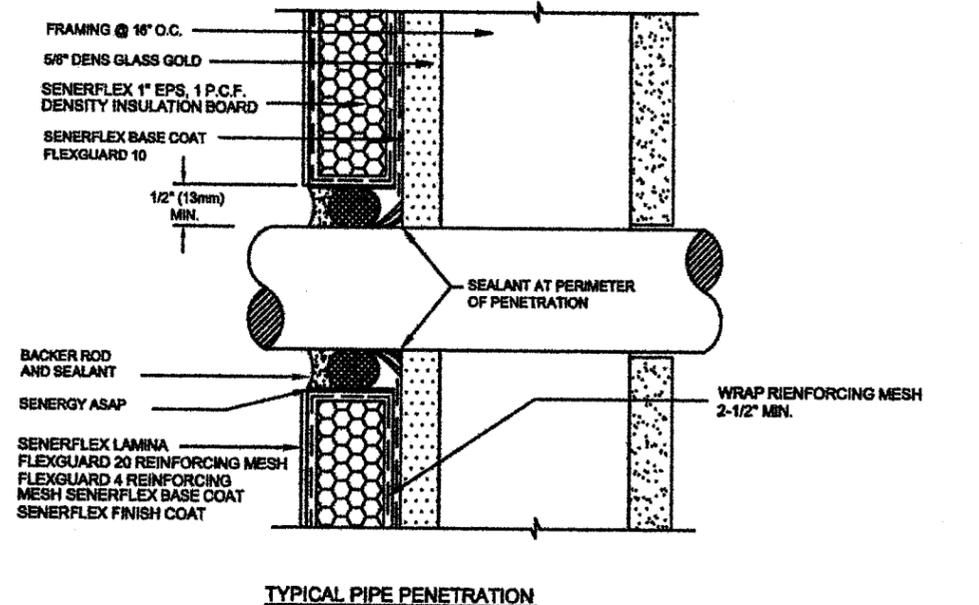
ENGINEER'S: NAME NUMBER & DISCIPLINE

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

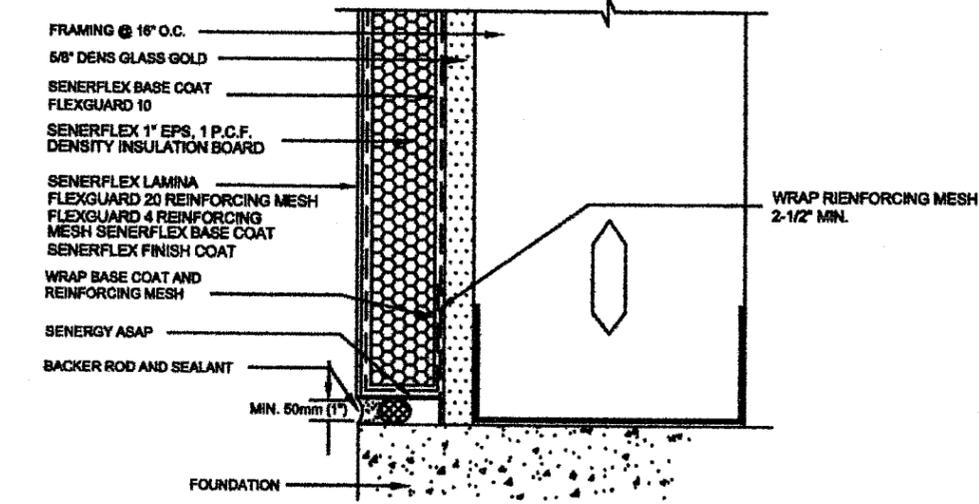
MA 01217

FOR OFFICE USE

3550 St Johns Bluff Rd South  
Jacksonville, FL 32224  
800-221-9255  
www.senergy.oc

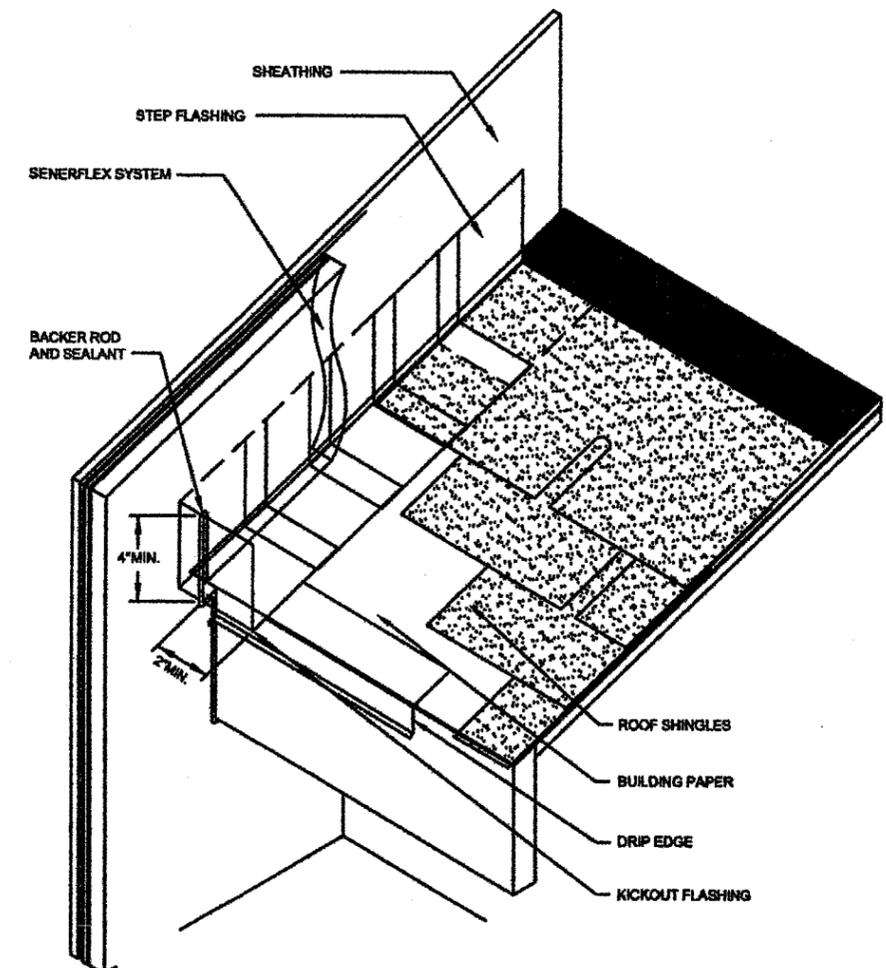


TYPICAL PIPE PENETRATION



TERMINATION AT FOUNDATION (FLUSH)

NOTE: SENERGY ASAP IS APPLIED TO SENERFLEX BASE COAT IN SEALANT JOINTS PRIOR TO APPLICATION OF SEALANT SYSTEM



- NOTE:
1. KICKOUT FLASHING MUST BE ANGLED 100° MIN. TO ALLOW FOR PROPER DRAINAGE.
  2. KICKOUT FLASHING SEAMS MUST BE SOLDERED OR SEALED WITH APPROPRIATE SEALANT.
  3. TERMINATE SENERFLEX SYSTEM 1" (25mm) MIN. ABOVE ROOF
  4. ROOFING DETAIL SHALL COMPLY WITH CHAPTER 15 OF THE F.B.C.

**PRODUCT RENEWED**  
as complying with the Florida Building Code  
Acceptance No. 06-1101-05  
Expiration Date 11/5/07  
By *M. Frank*  
Miami Dade Product Control Division

KICKOUT FLASHING DETAIL