



**MIAMI-DADE COUNTY**  
 DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY  
 AFFAIRS (PERA)  
 BOARD AND CODE ADMINISTRATION DIVISION  
**NOTICE OF ACCEPTANCE (NOA)**

**MIAMI-DADE COUNTY**  
**PRODUCT CONTROL SECTION**  
 11805 SW 26 Street, Room 208  
 Miami, Florida 33175-2474  
 T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/pera/](http://www.miamidade.gov/pera/)

**Parex USA, Inc.**  
**4125 East La Palma Avenue, Suite 250**  
**Anaheim, CA 92807**

**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 PERA-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. PERA 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: LaHabra Insul-Flex EIF System on Masonry**

**APPROVAL DOCUMENT:** Drawing No. **4292010-1**, titled "LaHabra Insul-Flex Standard EIFS", Sheets 1 through 5 of 5, dated June 00, with last revision dated Jan 2012, prepared by the manufacturer, signed and sealed by Christopher B. Shiver, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING: Large and Small Missile Impact Resistant**

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, Redan, GA and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein. Each container (bucket or drum) needs to be labeled. Unit is further defined as each roll of reinforcing mesh.

**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 and revises NOA # **10-0719.08** and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



*Utrera*  
 10/02/2012

NOA No. 12-0214.13  
 Expiration Date: August 06, 2017  
 Approval Date: May 10, 2012  
 Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **4292010-1**, titled "LaHabra Insul-Flex Standard EIFS", Sheets 1 through 5 of 5, dated June 00, with last revision dated Jan 2012, prepared by the manufacturer, signed and sealed by Christopher B. Shiver, P.E.

**B. TESTS**

1. Test report on Tensile Bond Tests on Parex 121 Base Coat & Adhesive and Weatherseal Water Resistive Barrier per ASTM C297, prepared by RADCO, Inc., Test Report No. **RAD-5082**, dated 11/07/2011, signed and sealed by Philip L. Witherington, P.E.  
  
*"Submitted under NOA # 07-0727.04"*
2. 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) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of an EIFS Wall System on Masonry Wall, prepared by Hurricane Test Laboratory, LLC, Test Report No. **HTL-G153-0517-07**, dated 06/20/2007, signed and sealed by Vinu J. Abraham, P.E.

**C. CALCULATIONS "Submitted under NOA # 06-0712.06"**

1. Anchor Calculations prepared by W. W. Schaefer Engineering and Consulting P.A., dated 03/30/1998, signed and sealed by W. W. Schaefer, P.E.

**D. QUALITY ASSURANCE**

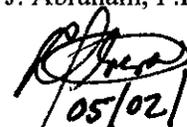
1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA)

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **11-0926.07**, issued to Dyplast Products, LLC, for the EPS Block Type Insulation, approved on 11/10/2011 and expiring on 01/11/2017.

**F. STATEMENTS**

1. Statement letter of code conformance to 2010 FBC and no financial interest, issued by Chris Shiver, P.E, LLC, dated 01/27/2012, signed and sealed by Christopher B. Shiver, P.E.  
  
*"Submitted under NOA # 10-0719.08"*
2. Private labeling agreement dated 07/06/2010.  
  
*"Submitted under NOA # 07-0727.04"*
3. Laboratory compliance letter for Test Report No. **HTL-G153-0517-07**, issued by Hurricane Test Laboratory, LLC, dated 06/20/2007, signed and sealed by Vinu J. Abraham, P.E.

  
05/02/2012

Carlos M. Utrera, P.E.  
Product Control Examiner  
NOA No. 12-0214.13

Expiration Date: August 06, 2017  
Approval Date: May 10, 2012

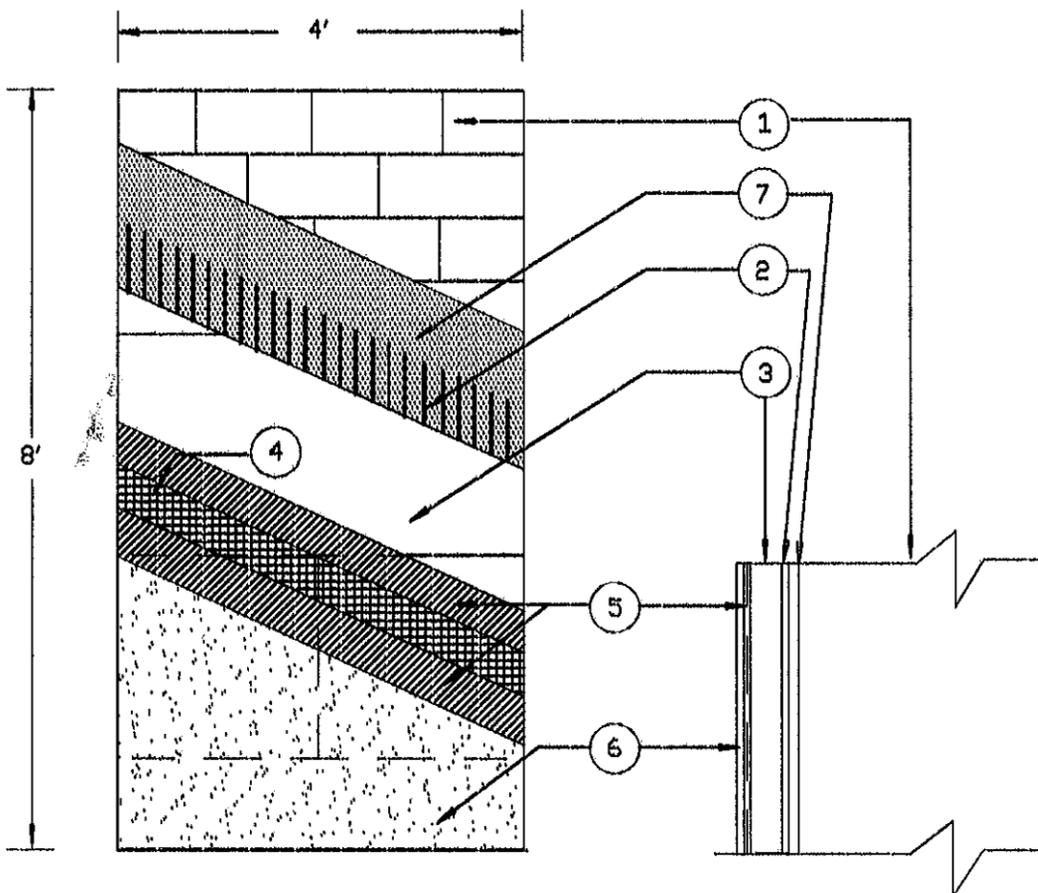
## MATERIAL LIST

### SUBSTRATE

1. CONCRETE MASONRY STRUCTURE FABRICATED FROM (ASTM C90) 8-IN-VH CMU AND TYPE S MORTAR (ASTM C270) PER THE HVHZ REQUIREMENTS OF THE FLORIDA BUILDING CODE 2010 FOR CBS CONSTRUCTION

### EIF SYSTEM

2. LAHABRA INSUL-BOND BASE COAT & ADHESIVE APPLY WITH 5/16" X 5/16" NOTCHED TROWEL PARALLEL TO SHORT DIMENSION OF INSULATION BOARD.
3. DYPLAST EPS INSULATION BOARD 1 INCH THICK AND DENSITY OF 1 POUND PER CUBIC FOOT. AFTER COATING WITH ADHESIVE, APPLY WITH PRESSURE TO MASONRY SURFACE HORIZONTALLY WITH STAGGERED JOINTS.
4. PAREX USA 355 STANDARD MESH OPEN WEAVE FIBERGLASS REINFORCING FABRIC, 4.5 OUNCES PER SQUARE YARD, EMBEDDED IN LAHABRA INSUL-BOND. MESH STRIPS ARE LAPPED BY 2 1/2"
5. LAHABRA INSUL-BOND BASE COAT & ADHESIVE APPLY A LAYER 1/16" THICK TO EXPOSED SURFACE OF THE INSULATION BOARD USING A S.S. TROWEL. THE MESH IS EMBEDDED IN THE WET BASE COAT BY TROWELING FROM THE CENTER TO THE EDGES.
6. LAHABRA PERMA-FLEX ACRYLIC TEXTURED FINISH. IT IS READY MIXED WITH A DENSITY OF 1.35 GRAMS PER CUBIC CENTIMETER. APPLY AT A NOMINAL THICKNESS OF 1/16" AFTER THE BASE COAT IS DRIED.
7. PAREX USA WEATHERSEAL (OPTIONAL) WATER RESISTIVE AND AIR BARRIER COATING 2 COATS REQUIRED ON CMU



ELEVATION OF  
TESTED UNIT  
NOT TO SCALE

| ALLOWABLE DESIGN PRESSURE                    |                |
|--|----------------|
| POSITIVE (PSF)                               | NEGATIVE (PSF) |
| 150  | 150            |
| INSTALLED OVER AN IMPACT RESISTANT SUBSTRATE |                |

### GENERAL NOTES:

1. THIS SYSTEM HAS BEEN DESIGNED IN ACCORDANCE WITH THE 2010 FLORIDA BUILDING CODE AND AND ITS LATEST REVISIONS FOR USE IN THE HIGH VELOCITY HURRICANE ZONES (HVHZ).
2. THIS SYSTEM HAS BEEN TESTED IN ACCORDANCE WITH FLORIDA PROTOCOLS TAS-202 AND TAS-203 AIR, WATER, STRUCTURAL AND CYCLIC TESTING.
3. THIS SYSTEM SHALL BE APPLIED BY A LICENSED PLASTERING CONTRACTOR. FOLLOWING THIS NOTICE OF ACCEPTANCE, THE RECOMMENDATIONS OF PAREX USA, AND THE APPLICABLE SECTIONS OF THE FLORIDA BUILDING CODE.
4. THE ENGINEER AND/OR ARCHITECT OF RECORD FOR EACH PROJECT USING THIS SYSTEM SHALL DESIGN THE BLOCK WALL TO ENSURE CONFORMANCE WITH ALL GOVERNING CODES AND THIS DOCUMENT.
5. INSULATION BOARDS SHALL BE POSITIONED IN A RUNNING BOND PATTERN.
6. THE BLOCK WALL SURFACE SHALL BE DRY, CLEAN AND FREE OF ALL LOOSE DEBRIS PRIOR TO PLACING THE SYSTEM.
7. DETAILS ON SHEET 2 TO 5 OF 5 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 PAREX USA, INC.
8. THE ENGINEER AND/OR ARCHITECT OF RECORD FOR EACH PROJECT USING THIS SYSTEM SHALL DETERMINE IF PAREX USA WEATHERSEAL IS TO BE INCLUDED IN THE ASSEMBLY.

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0214-13  
Expiration Date 08/06/2017

By *[Signature]*  
Miami Dade Product Control

Dade County Approval

1-27-2012  
1870 STONE MOUNTAIN/LITHONIA RD  
P.O. Box 189 REDAN, GA 30074  
(770)482-7872 FAX:(770)482-6878

Parex USA, Inc.

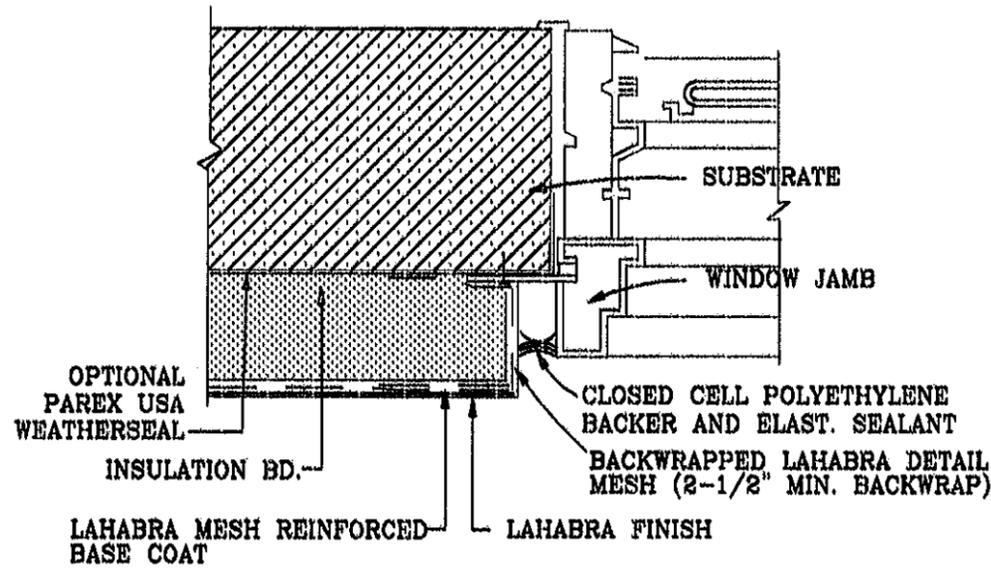
LAHABRA INSUL-FLEX STANDARD EIFS

WALL SUBSTRATE NO. 4  
CONCRETE MASONRY IMPACT RESISTANT SUBSTRATE

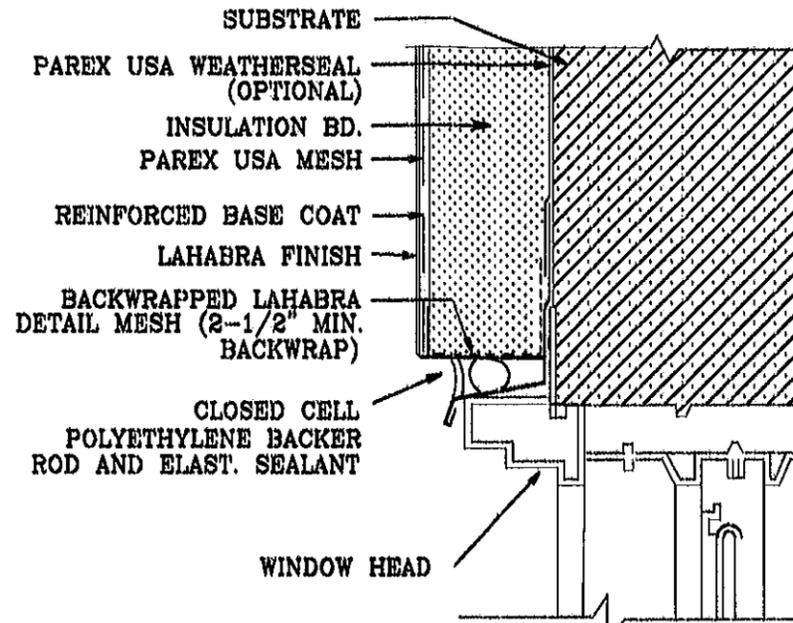
DWG NO. 4292010-1 SHEET 1/5

DRAWN BY: ROBERT ROWE DATE: JUNE 00 SCALE: NONE  
TINA BRAMLETT

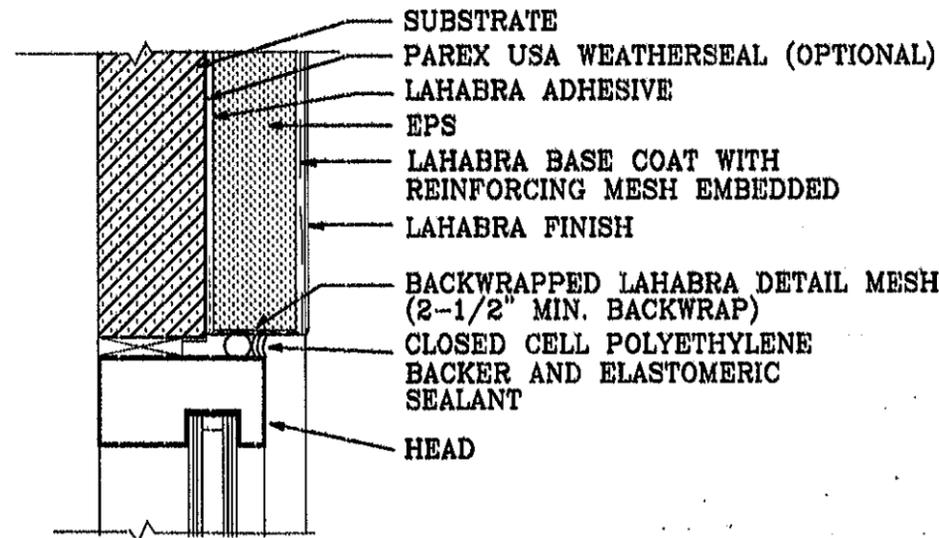
REVISED: JULY 00, JUNE 07, JULY 07, APR 2010, JAN 2012



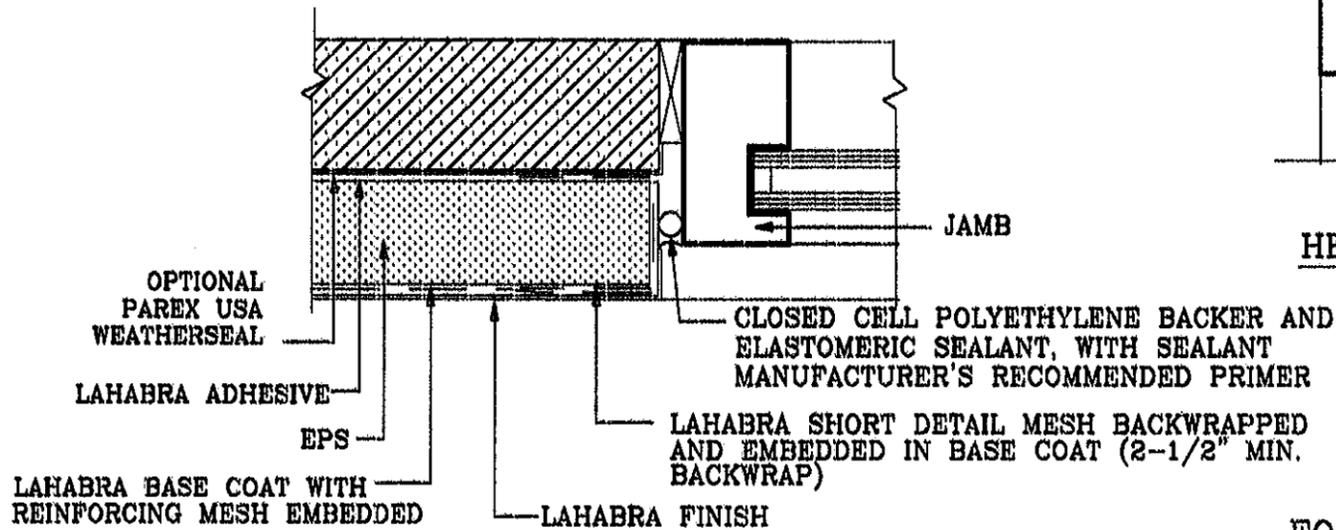
**TERMINATION AT RECESSED JAMB**



**TERMINATION AT RECESSED HEAD**



**HEAD WITH BACKWRAP**



**BACKWRAPPED JAMB**

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0214.13  
Expiration Date 08/06/2017  
By *[Signature]*  
Miami Dade Product Control

FOR DETAILS OF THE SUBSTRATE AND THE  
EIF SYSTEM SEE SHEET 1 OF 5

**GENERAL DETAIL NOTES:**

1. PROVIDE FLASHING AND/OR SEALANT AT ALL TERMINATIONS OF THE LAHABRA EIF SYSTEM SO AS TO PREVENT WATER INTRUSION BETWEEN THE SYSTEM AND ADJACENT CONSTRUCTION.
2. WINDOWS AND DOORS SHALL CONFORM TO THE F.B.C.
3. FLASHING MATERIALS SHALL CONFORM TO THE F.B.C.
4. PAN FLASHINGS AT SILLS SHALL HAVE UP-TURNED END DAMS WITH WATERTIGHT SEAMS.
5. FLASHING SECTIONS SHALL BE JOINED WITH WATERTIGHT SEAMS.
6. BACKER ROD AND SEALANT JOINTS AT EIF SYSTEM TERMINATIONS SHALL BE CAULKED WITH ELASTOMERIC SEALANT CAPABLE OF 50% EXTENSION AND 50% COMPRESSION OF INSTALLED WIDTH OF NOT LESS THAN 1/2".
7. BACKER ROD AND SEALANT JOINTS AT EXPANSION JOINTS IN THE EIF SYSTEM SHALL BE CAULKED WITH SEALANT CAPABLE OF 100% ELONGATION AND 50% COMPRESSION OF INSTALLED WIDTH OF NOT LESS THAN 3/4".
8. BACKER ROD SHALL BE CLOSED-CELL POLYETHYLENE.
9. APPLY SEALANTS TO DRY EIF SYSTEM BASE COAT.
10. FOLLOW SEALANT MANUFACTURER'S INSTALLATION INSTRUCTIONS.
11. ALL EIF SYSTEM EDGES SHALL BE TERMINATED BY BACK-WRAPPED FIBERGLASS MESH AND BASE COAT OR TO EXTERIOR GRADE RIGID PVC EXTRUSIONS TO PROVIDE A SUBSTRATE FOR SEALANT.
12. BASE COAT APPLICATION ON EIF SYSTEM EDGES SHALL COMPLETELY EMBED THE FIBERGLASS MESH AND PROVIDE A SMOOTH UNIFORM SURFACE FOR THE APPLICATION OF SEALANT.

Dade County Approval

*[Signature]* 12-2012  
1870 STONE MOUNTAIN/LITHONIA RD  
P.O. Box 189 REDAN, GA 30074  
(770)482-7872 FAX:(770)482-8878

Parex USA, Inc.

**LAHABRA INSUL-FLEX STANDARD EIFS**

WALL SUBSTRATE NO. 4  
CONCRETE MASONRY IMPACT RESISTANT SUBSTRATE

DWG NO. 04292010-2

SHEET 2/5

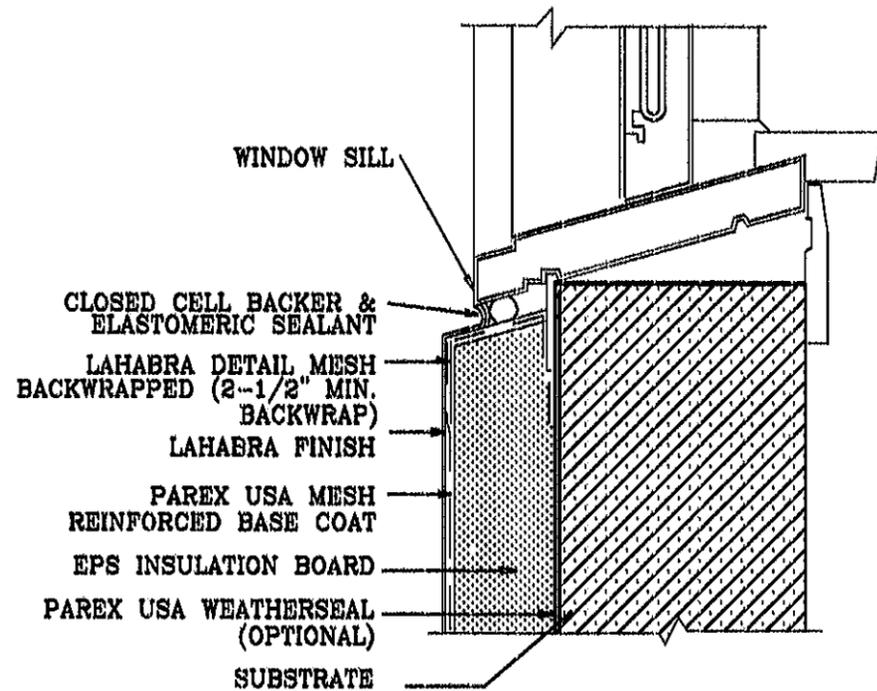
DRAWN BY: ROBERT ROWE  
TINA BRAMLETT

DATE: JUNE 00

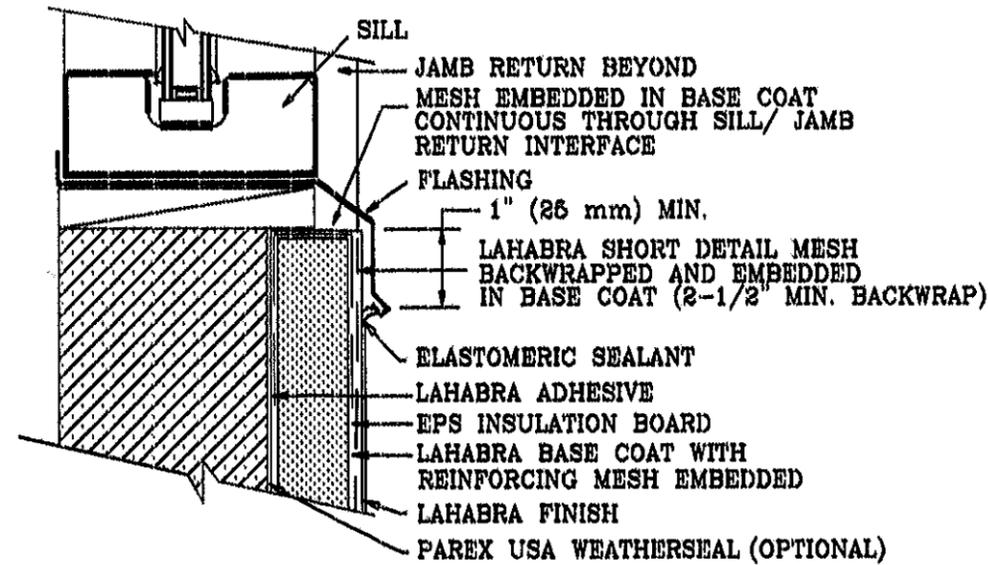
SCALE: NONE

REVISED: JULY 00, JUNE 07, JULY 07, APRIL 2010

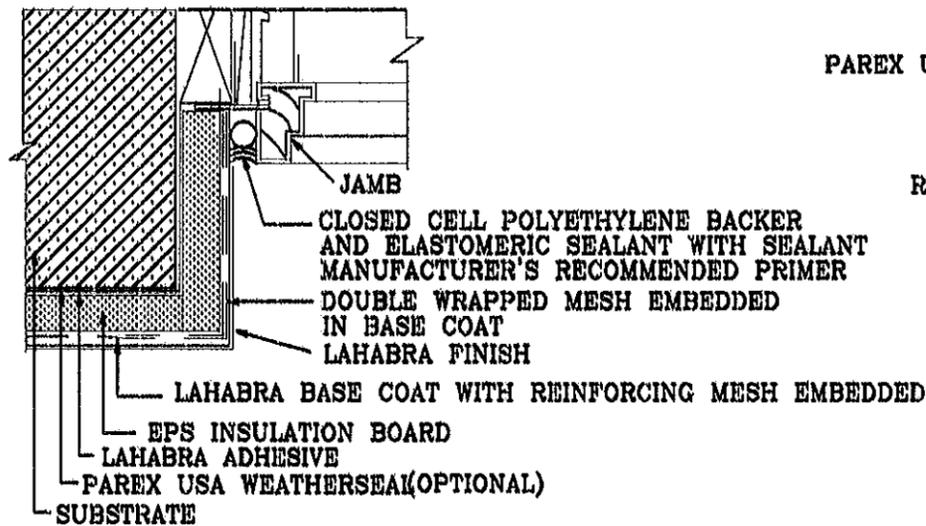
JAN 2012



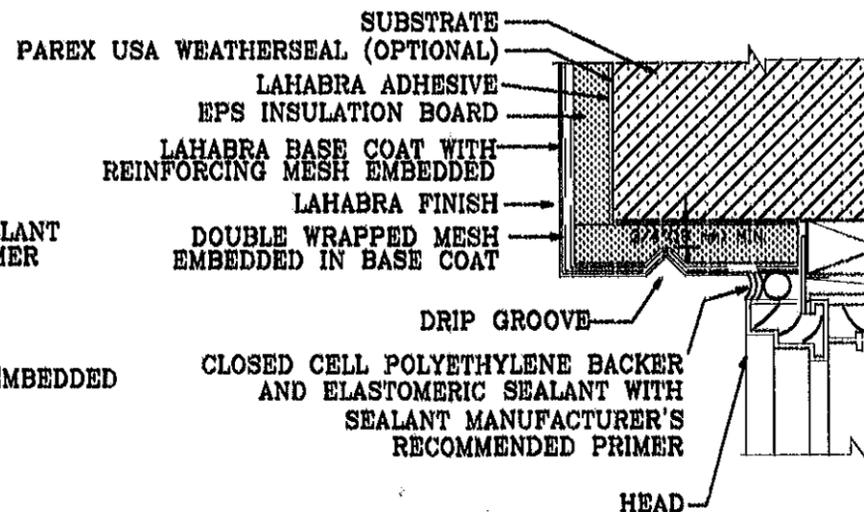
TERMINATION AT RECESSED SILL



BACKWRAPPED TERMINATION AT SILL



INSULATED JAMB RETURN



INSULATED HEAD RETURN

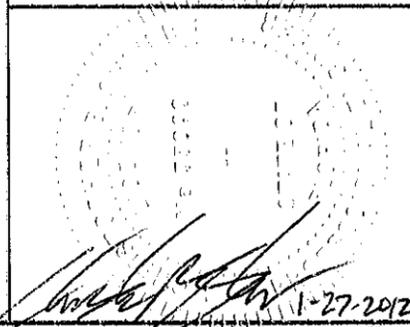
FOR DETAILS OF THE SUBSTRATE AND THE EIF SYSTEM SEE SHEET 1 OF 5

GENERAL DETAIL NOTES:

13. COUNTER-FLASHING INSTALLED OVER UPPER HORIZONTAL TERMINATIONS OF THE EIF SYSTEM SHALL LAP THE SYSTEM SUFFICIENTLY TO PREVENT UPWARD ENTRY OF WIND-DRIVEN RAIN OR SHALL BE SEALED AT ITS LOWER EDGE.
14. PRIMER APPLIED TO THE BASE COAT SHALL BE DRY AT THE TIME THE SEALANT IS APPLIED.
15. MINIMUM LENGTH OF BACKWRAP MESH ATTACHMENT TO THE SUBSTRATE IS 2-1/2" (68 mm).

PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 12-0219-13  
 Expiration Date 08/06/2017  
 By *[Signature]*  
 Miami Trade Product Control

Dade County Approval



Parex USA, Inc. 1870 STONE MOUNTAIN/LITHONIA RD  
 P.O. Box 189 REDAN, GA 30074  
 (770)482-7872 FAX:(770)482-8878

LAHABRA INSUL-FLEX STANDARD EIFS

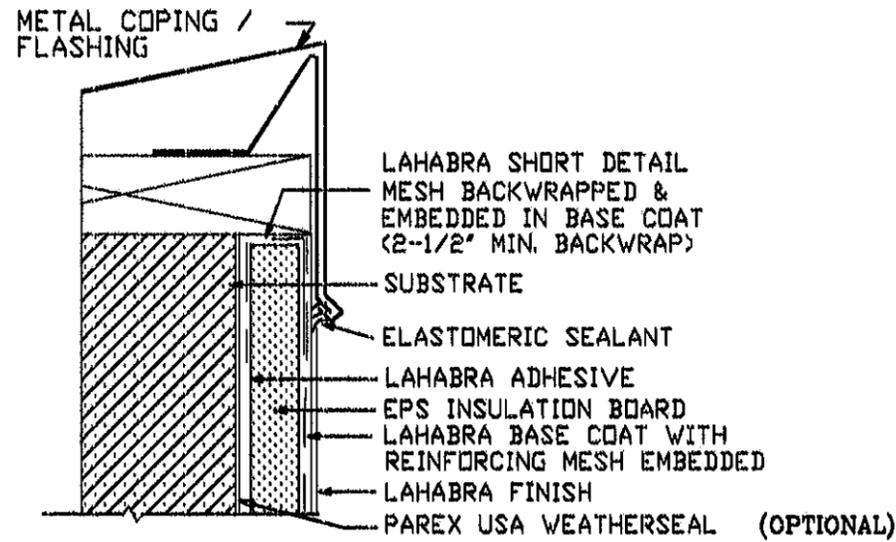
WALL SUBSTRATE NO. 4  
 CONCRETE MASONRY IMPACT RESISTANT SUBSTRATE

DWG NO. 04292010-3 SHEET 3/5

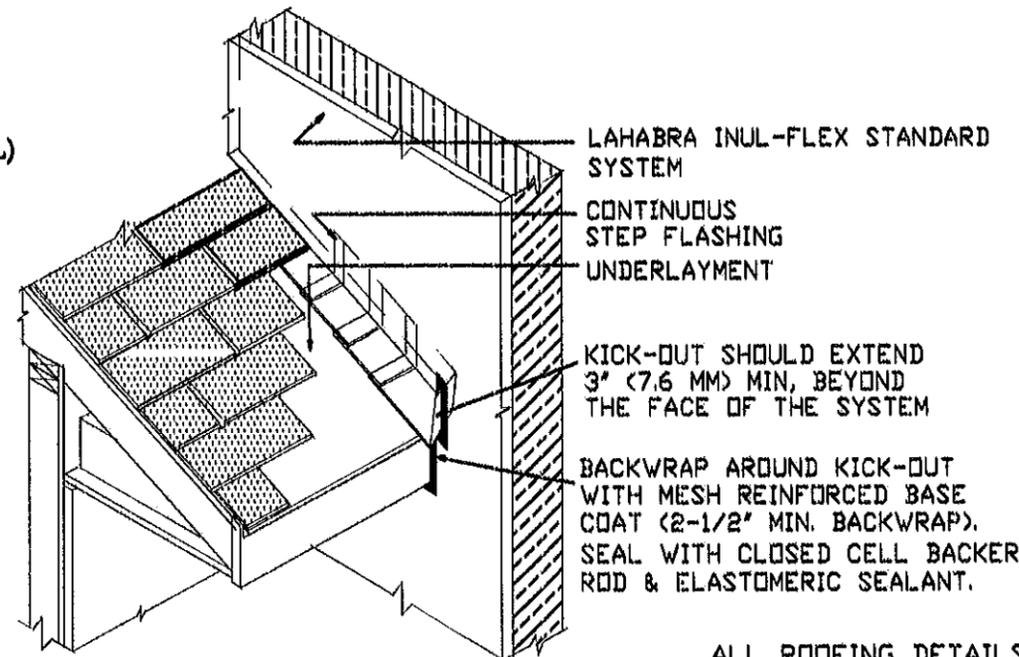
DRAWN BY: ROBERT ROWE  
 TINA BRAMLETT DATE: JUNE 00 SCALE: NONE

REVISED: JULY 00, JUNE 07, JULY 07, APR 10, JAN 2012

FOR GENERAL DETAIL NOTES,  
REFER TO SHEETS 2 & 3 OF 5

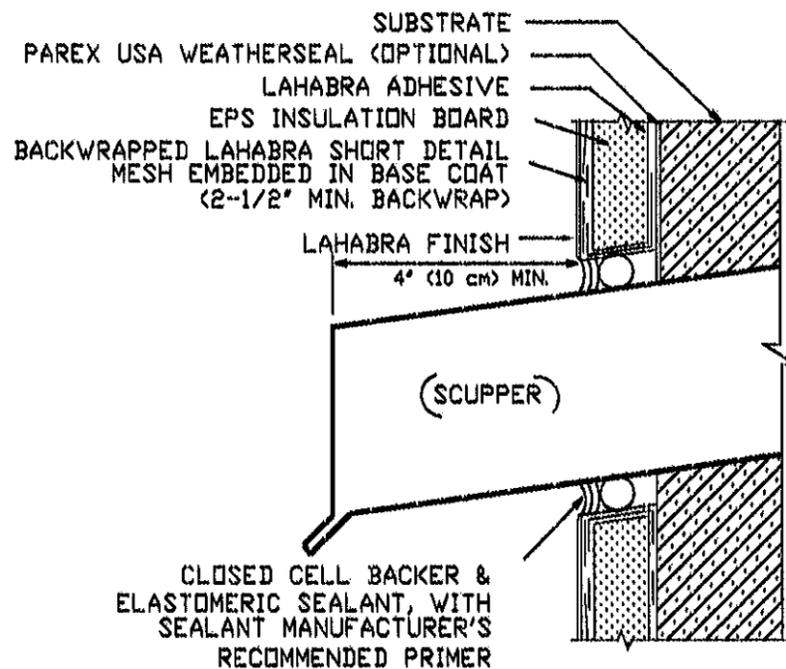


PARAPET



INTERSECTION OF ROOF AT WALL

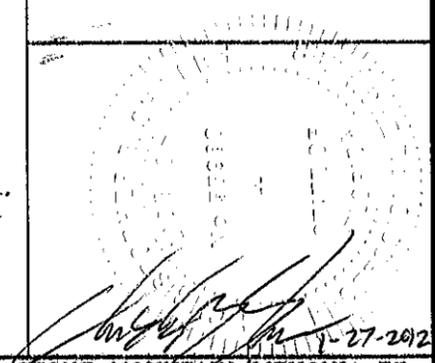
ALL ROOFING DETAILS  
MUST COMPLY WITH  
CHAPTER 15 OF THE  
FLORIDA BUILDING CODE



SCUPPER

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 12-0214.13  
Expiration Date 08/06/2017  
By *[Signature]*  
Miami Dade Product Control

Dade County Approval



|                |                                 |
|----------------|---------------------------------|
| PAREX USA Inc. | 1870 STONE MOUNTAIN/LITHONIA RD |
|                | P.O. Box 189 REDAN, GA 30074    |
|                | (770)482-7878 FAX:(770)482-8878 |

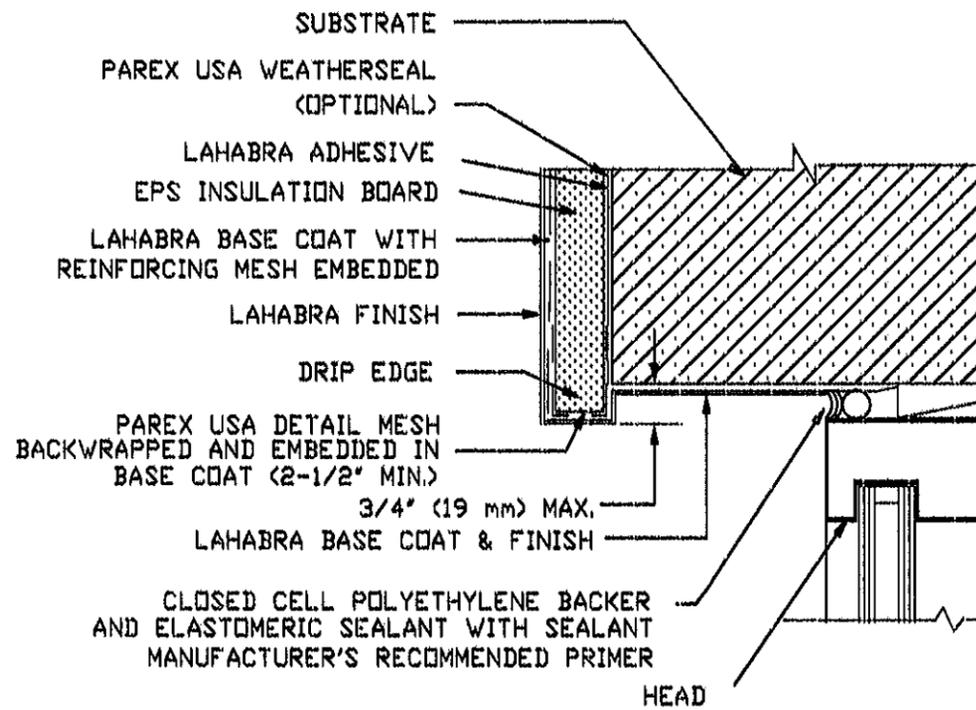
LAHABRA INSUL-FLEX STANDARD EIFS  
WALL SUBSTRATE NO. 4  
CONCRETE MASONRY IMPACT RESISTANT SUBSTRATE

DWG NO. 04292010-4 SHEET 4/5

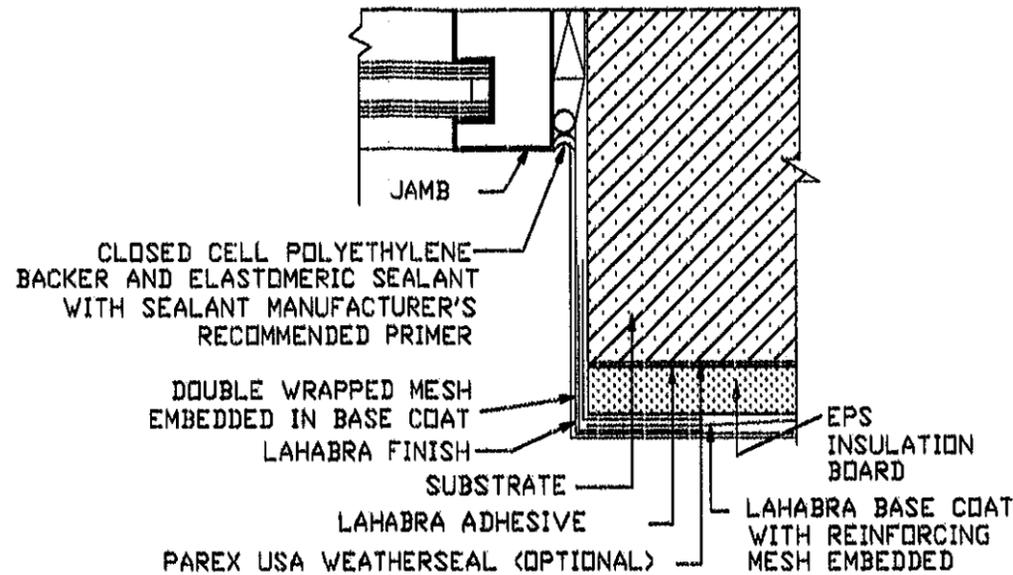
DRAWN BY: ROBERT ROWE  
TINA BRAMLETT DATE: JUNE 00 SCALE: NONE

REVISED: ULY 00, JUNE 07, JULY 07, APRIL 2010, JAN 12

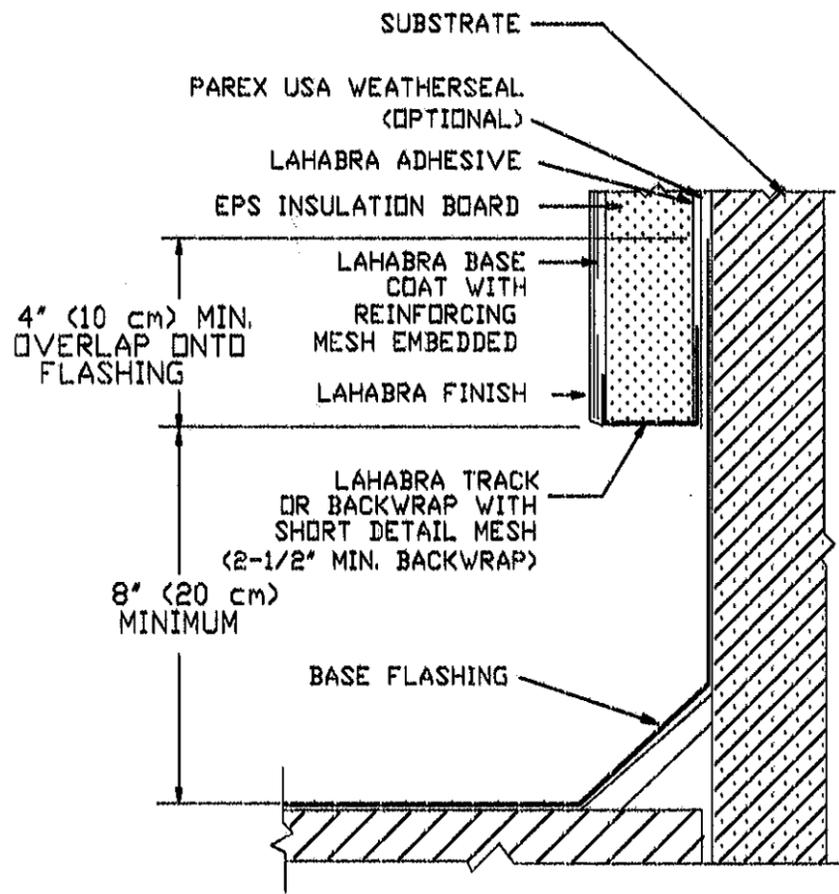
FOR DETAILS OF THE SUBSTRATE AND THE EIF  
SYSTEM SEE SHEET 1 OF 5



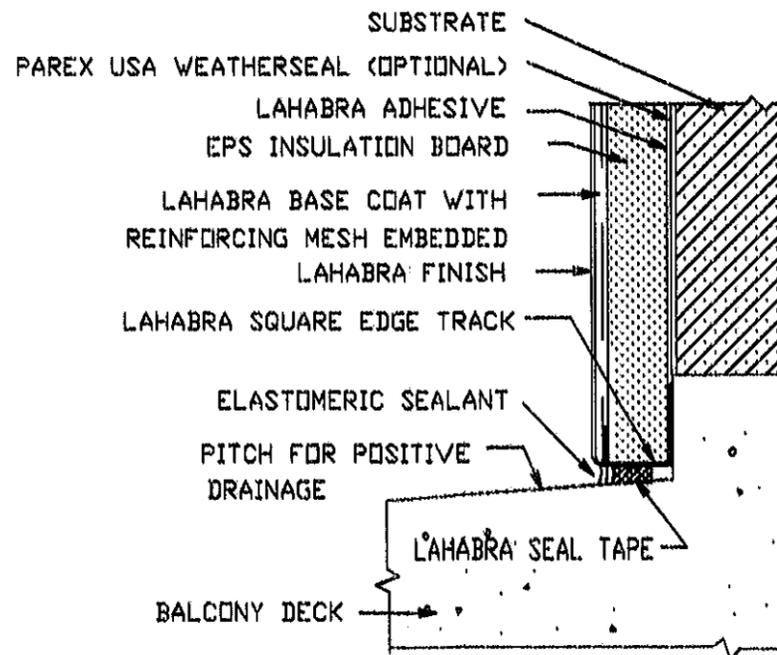
UNINSULATED HEAD RETURN



UNINSULATED JAMB RETURN



HIGH WALL AT LOW ROOF



TERMINATION AT BALCONY DECK

FOR GENERAL DETAIL NOTES,  
REFER TO SHEETS 2 & 3 OF 5

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 12-0214-13  
Expiration Date 08/06/2017  
By *[Signature]*  
Miami Electric Product Control

|   |  |                              |
|---|--|------------------------------|
| Dade County Approval  |  | <i>[Signature]</i> 1-27-2012 |
| PAREX USA, Inc.   | 1870 STONE MOUNTAIN/LITHONIA RD<br>P.O. Box 189 REDAN, GA 30074<br>(770)482-7872 FAX:(770)482-8878 |                              |
| LAHABRA INSUL-FLEX STANDARD EIFS                                    |  |                              |
| WALL SUBSTRATE NO. 4<br>CONCRETE MASONRY IMPACT RESISTANT SUBSTRATE |  |                              |
| DWG NO. 04292010-5  | SHEET 5/5  |                              |
| DRAWN BY: ROBERT ROWE<br>TINA BRAMLETT                              | DATE: JUNE 00  | SCALE: NONE                  |
| REVISED: JULY 00, JUNE 07, JULY 07, APRIL 2010, JAN 12              |  |                              |

FOR DETAILS OF THE SUBSTRATE AND THE EIF  
SYSTEM SEE SHEET 1 OF 5