



BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Acrocrete Architectural Finishing Systems
1259 NW 21st Street
Pompano Beach ,FL 33069

Your application for Notice of Acceptance (NOA) of:

Acrowall -ES EIFS System Over Plywood

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

Raul Rodriguez
Chief Product Control Division

ACCEPTANCE NO.: 00-1114.06
EXPIRES: 02/08/2006

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL
CONDITIONS
BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 02/08/2001

Acrocrete Architectural Finishing Systems.

ACCEPTANCE NO: 00-1114.06

APPROVED: FEB 0 8 2001

EXPIRES: FEB 0 8 2006

NOTICE OF ACCEPTANCE STANDARD CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
 - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
 - b) The product is no longer the same product (identical) as the one originally approved;
 - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
 - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
 - a) Unsatisfactory performance of this product or process.
 - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance 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 Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.



Candido Font PE, Senior Product Control Examiner
Product Control Division

END OF THIS ACCEPTANCE

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

- 1.1** This approves an Exterior Insulation and Finish System as described in Section 2 of this Notice of Acceptance (N.O.A.) designed to comply with the South Florida Building Code 1994 Edition for Miami-Dade County (SFBC). For the location where the pressure requirements, as determined by the SFBC Chapter 23 do not exceed the design pressure rating values indicated in the approved drawing.

2. PRODUCT DESCRIPTION

- 2.1** The ACROWALL-ES EIFS System over Plywood Sheathing and its components shall be constructed in strict compliance with the following documents: Drawing No. 1023A, sheets 1 through 4 of 4. Titled "ACROWALL-ES EIFS System over Plywood Sheathing" prepared by W.W. Schaefer Engineering & Consulting, PA, Inc., dated 10/26/2000, with no revisions. They bear the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division. These documents shall hereinafter be referred to as the Approved Drawing.

3. LIMITATIONS

- 3.1** This system is not to be used on horizontal surfaces exposed to weather except as a soffit, it is intended to be used on wall systems only.

4. INSTALLATION

- 4.1** The Acrowall-Es EIFS and its components shall be installed in strict compliance with the approved drawing.
4.2 The installation of this product does not require a Hurricane Protection System.

5. LABELING

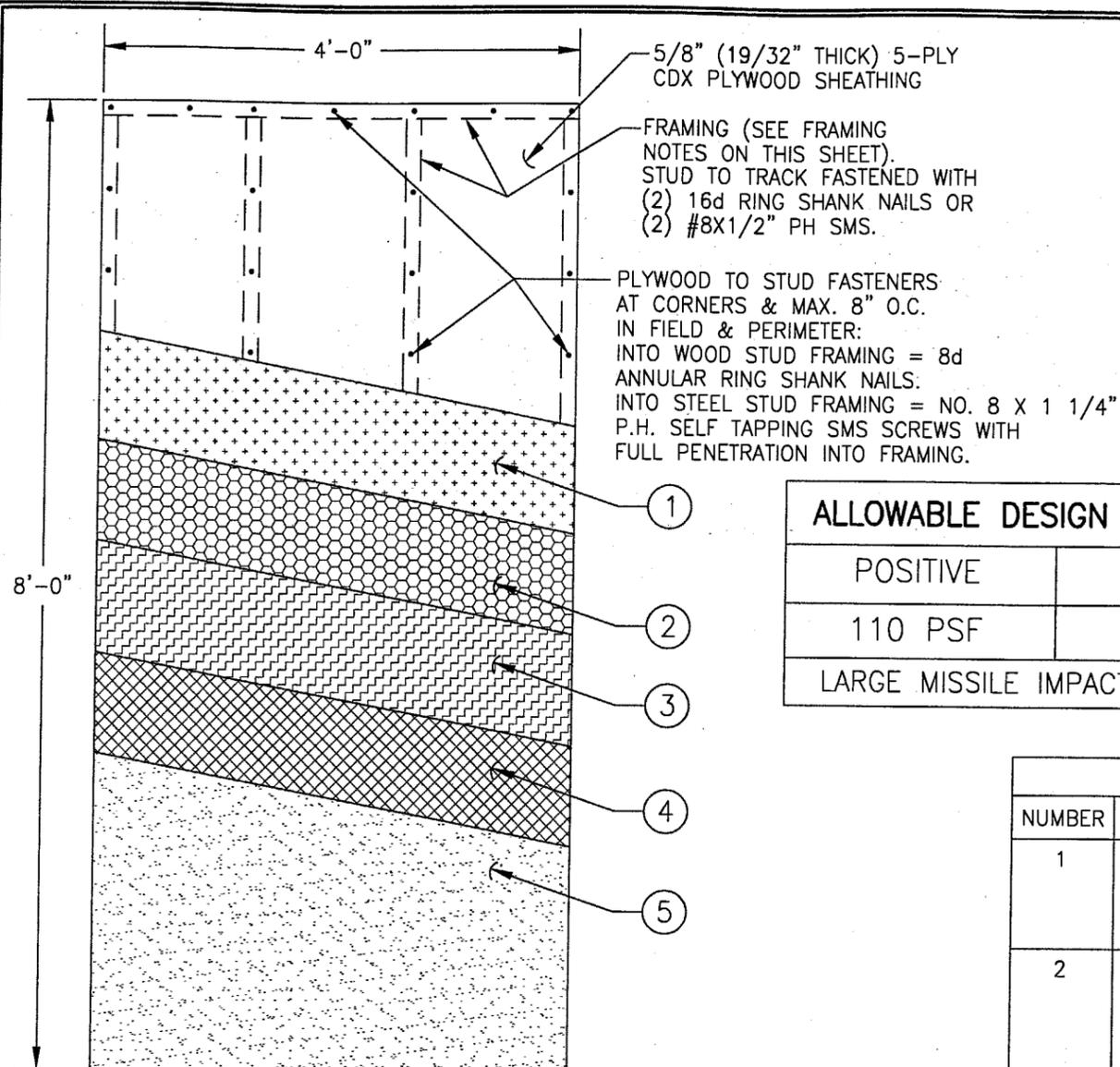
- 5.1** Each component shall bear a permanent label with the manufacturer's logo, city, state and the following statement "Miami-Dade County Product Control Approved".

6. BUILDING PERMIT REQUIREMENTS

- 6.1** Application for Building Permit shall be accompanied by copies of the following:
6.1.1 This Notice of Acceptance.
6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this N.O.A.
6.1.3 Any other document required by the Building Official or the SFBC in order to properly evaluate the installation of this system.

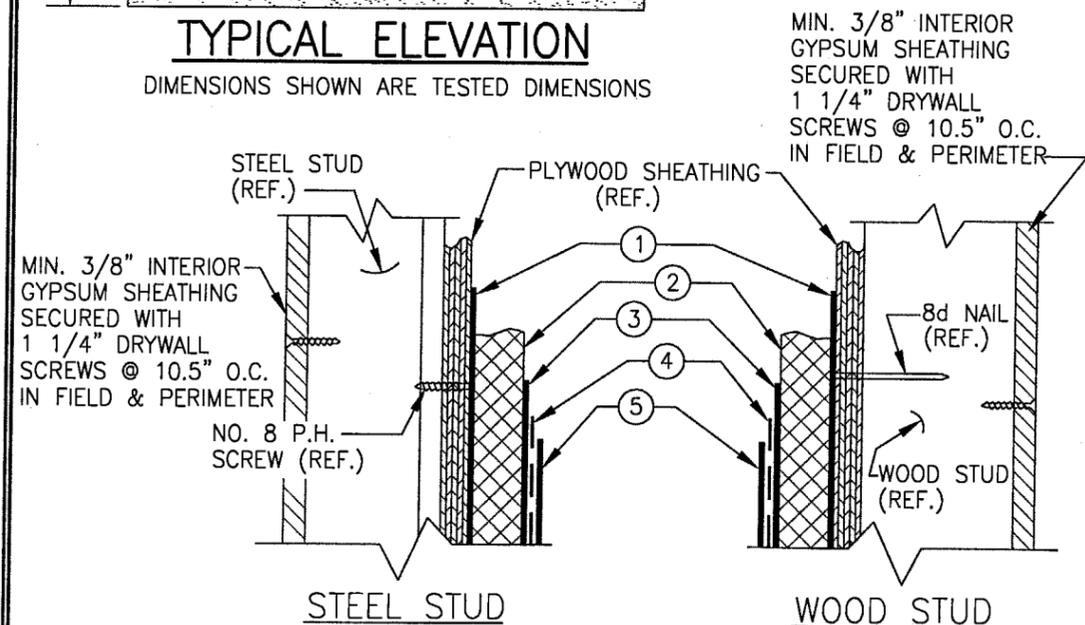


Candido Font PE, Senior Product Control Examiner
Product Control Division



TYPICAL ELEVATION

DIMENSIONS SHOWN ARE TESTED DIMENSIONS



TYPICAL SECTION

ALLOWABLE DESIGN PRESSURE	
POSITIVE	NEGATIVE
110 PSF	110 PSF
LARGE MISSILE IMPACT APPROVED	

GENERAL NOTES:

1. THIS SYSTEM HAS BEEN DESIGNED IN ACCORDANCE WITH THE SOUTH FLORIDA BUILDING CODE 1994 EDITION AND ITS LATEST SUPPLEMENTS.
2. THIS SYSTEM HAS BEEN TESTED IN ACCORDANCE WITH DADE COUNTY PROTOCOLS PA-202 & PA-203 FOR STRUCTURAL & CYCLIC TESTING.
3. THIS SYSTEM SHALL BE APPLIED BY A LICENSED PLASTERING CONTRACTOR FOLLOWING THIS NOTICE OF ACCEPTANCE, THE RECOMMENDATIONS OF ACROCRETE, 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 DESIGN THE SUPPORTING STUD FRAMING TO INSURE CONFORMANCE WITH ALL REQUIRED STUD DEFLECTION & STRESS LIMITATIONS AS REQUIRED BY ALL GOVERNING CODES & THIS DOCUMENT.
5. INSULATION BOARDS SHALL BE POSITIONED IN A RUNNING BOND PATTERN WITH THE LONG EDGES HORIZONTAL AND WITH THE INSULATION BOARD JOINTS OFFSETTING THE SHEATHING JOINTS BY MIN. 8".
6. MAXIMUM ALLOWABLE DEFLECTION FOR THIS ASSEMBLY SHALL BE LIMITED BY THE LESSOR OF L/240 OR AS REQUIRED BY CODE.
7. DETAILS ON SHEETS 2 THROUGH 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 ACROCRETE ARCHITECTURAL FINISHING SYSTEMS.
8. THE SHEATHING & INSULATION BOARD SURFACES MUST BE CLEAN AND FREE OF ALL LOOSE DEBRIS AND OTHER FOREIGN MATERIAL THAT MAY CAUSE BONDING PROBLEMS WITH THE INSULATION BOARD ADHESIVE AND ALL OTHER COATINGS.
9. THIS SYSTEM IS A LARGE MISSILE IMPACT APPROVED SYSTEM PROVIDING IT IS INSTALLED OVER THE 5/8" PLYWOOD SHEATHING SPECIFIED.
10. THIS EIFS SYSTEM SHALL NOT BE CONSIDERED TO OR BE USED FOR TRANSFER OF DIAPHRAM ACTION OF WALL TO STRUCTURE.

MATERIAL LIST

NUMBER	ITEM	SUPPLIER	NOTES
1	ACROHESIVE ADHESIVE (WATER BASED ACRYLIC CO-POLYMER FACTORY MIXED)	ACROCRETE	ADHERES INSULATION BOARD TO PLYWOOD SHEATHING. APPLY DIRECTLY TO INSULATION BOARD WITH A 3/8" X 3/8" U-NOTCHED TROWEL WITH 1 1/2" SPACING BETWEEN NOTCHES. APPLY PARALLEL TO LONG DIMENSION OF BOARDS.
2	MOLDED EPS INSULATION BOARD (MIN. 1" THICK) (APPROVED PER N.O.A. #98-0904.04)	APACHE PRODUCTS, INC.	PLACE BOARDS WITH LONG DIMENSION HORIZONTAL & IN A RUNNING BOND PATTERN. RASP THE BOARDS AS REQ'D TO ACHIEVE A SMOOTH EVEN SURFACE AND TO REMOVE ANY ULTRAVIOLET RAY DAMAGE PRIOR TO PLACING ADHESIVE & BASE COATS.
3	ACROBASE 60 BASE COAT (ACRYLIC BASED PRODUCT FIELD MIXED PER THE MANUFACTURER'S INSTRUCTION)	ACROCRETE	MIX ACROBASE 60 BASE COAT WITH PORTLAND CEMENT AT A 1:1 RATIO BY WEIGHT. ADD WATER AS REQUIRED FOR WORKABILITY. APPLY 1/16" THICK LAYER OF BASE COAT MIX TO THE INSULATION BOARD WITH A S.S. TROWEL PRIOR TO PLACING THE MESH.
4	ACROMESH STANDARD GLASS FIBER REINFORCING MESH (4.5 OZ./YARD)	ACROCRETE	EMBED INTO WET ACROBASE 60 BASE COAT BY TROWELING FROM CENTER TO THE EDGES OF THE MESH REMOVING EXCESS BASE COAT. LAP MESH EDGES MIN. 2 1/2".
5	ACROFINISH EXTERIOR TEXTURED FINISH (FACTORY MIXED)	ACROCRETE	APPLY WITH A S.S. TROWEL TO A MIN. 1/16" THICKNESS AS REQ'D TO FULLY COVER MESH & BASE COAT. NOTE: BASE COAT MUST BE DRY PRIOR TO APPLYING FINISH.

FRAMING NOTES:

1. WOOD STUD FRAMING SHALL BE MIN. 2X4 GRADE 2 SOUTHERN YELLOW PINE WITH SPECIFIC GRAVITY OF 0.55 OR GREATER.
2. STEEL STUD FRAMING SHALL BE MIN. 3 5/8" X 18 GA. STUDS WITH 1 5/8" FLANGES AND 1/2" RETURNS (Fy = 33 KSI MIN.).
3. ALL STEEL TRACK SHALL BE MIN. 3 5/8" X 18 GA. (Fy = 33 KSI MIN.) WITH MIN. 1 1/4" FLANGES.
4. ALL STUD FRAMING SHALL BE AT MAX. 16" O.C.

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE Feb. 08, 2001
 BY [Signature]
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 00-1114.06

DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1=24	DATE: 10/26/00
DATE	
BY	
REVISION DESCRIPTION	
NO.	

DRAWING TITLE
 ACROWALL-ES EIFS SYSTEM OVER PLYWOOD SHEATHING

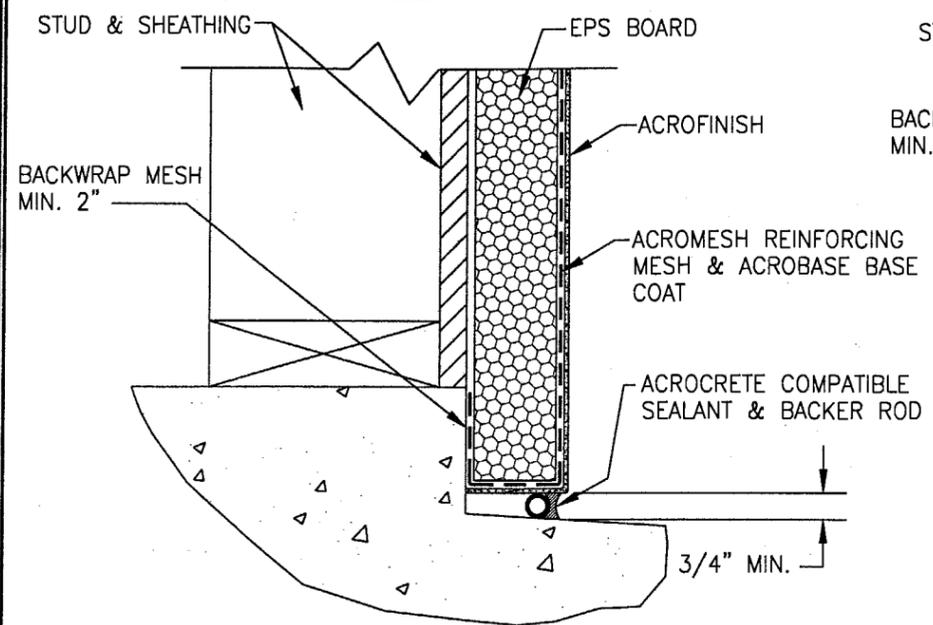
CONSULTANTS
 W. SCHAEFER ENGINEERING & CONSULTING, P.A.
 600 SANDTREE DRIVE, SUITE 203B
 PALM BEACH GARDENS, FL 33403
 PHONE: 561-775-4902 FAX: 561-775-4903

MANUFACTURER
 ACROCRETE ARCHITECTURAL FINISHING SYSTEMS
 1259 N.W. 21ST STREET
 POMPANO BEACH, FL 33069
 800-432-5097

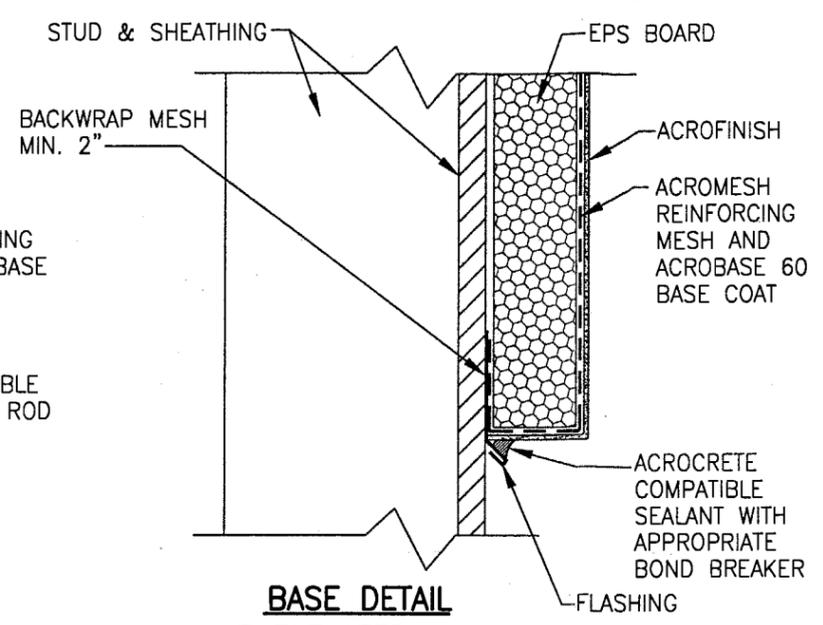
CERTIFICATION
 NOV 03 2000
 WARREN W. SCHAEFER, P.E.
 P.E. NO. 44135

DRAWING NO.
 1023A

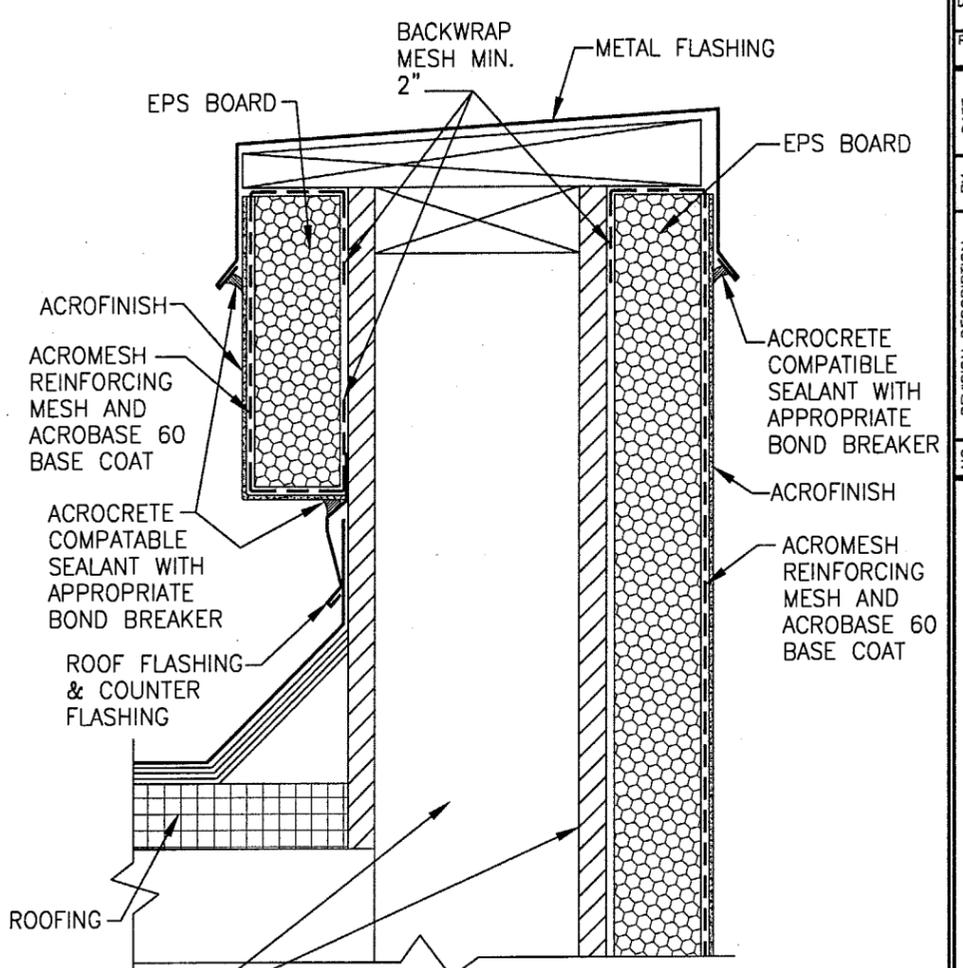
REVISION
 SHEET NO.
 1 OF 4



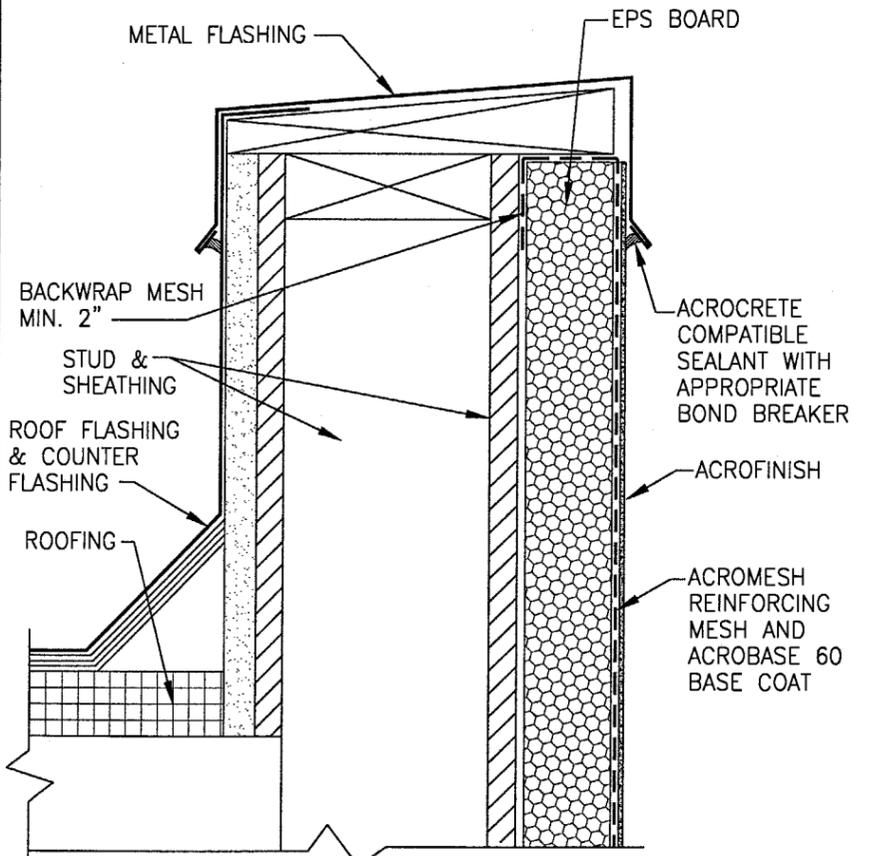
WALL BASE DETAIL



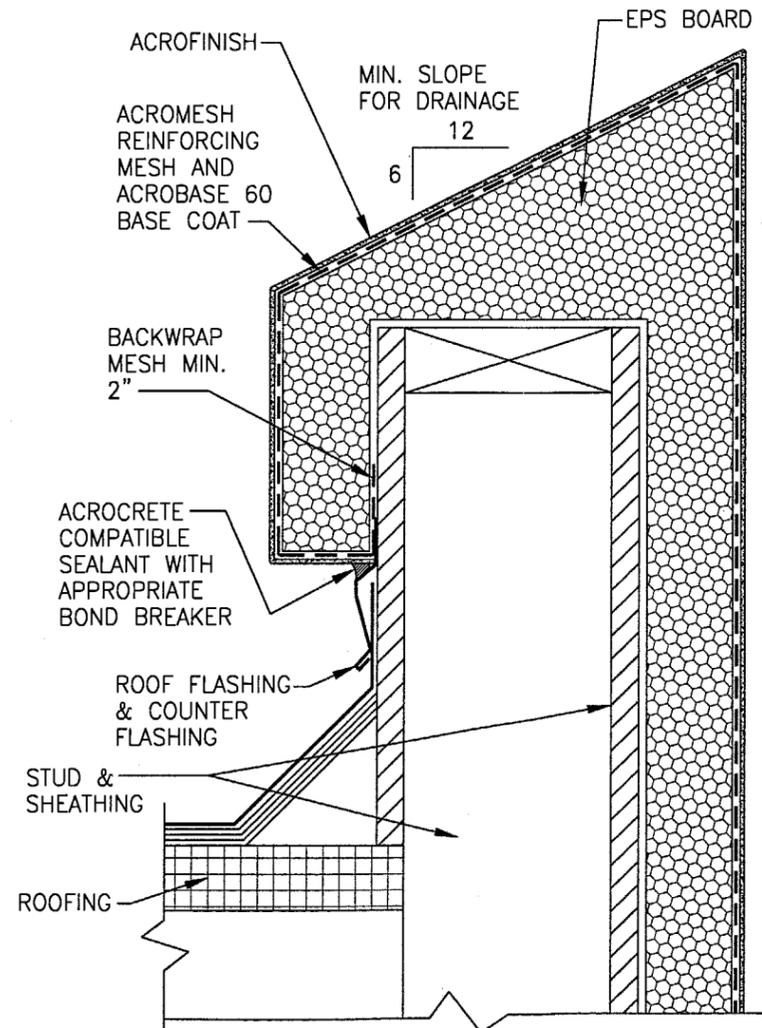
BASE DETAIL AT ELEVATED WALL



PARAPET W/CAP FLASHING & TWO SIDE EPS



PARAPET W/CAP FLASHING & SINGLE SIDE EPS



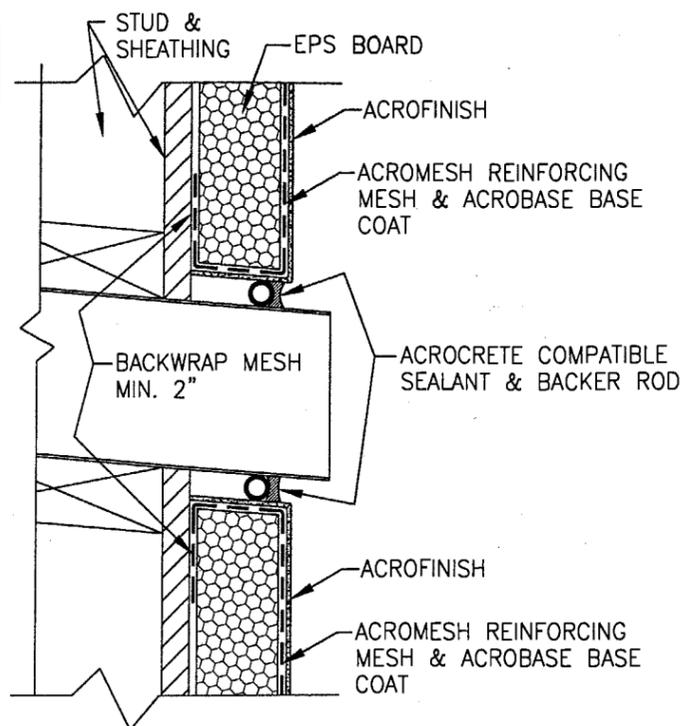
PARAPET W/EPS SLOPED TOP

SEE SHEET 1 FOR INSTALLATION REQUIREMENTS, GENERAL NOTES & ALLOWABLE DESIGN PRESSURE.

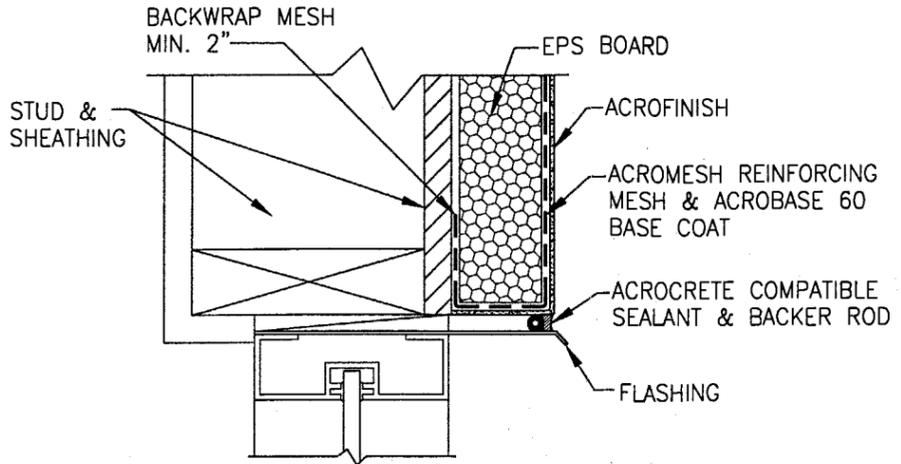
NOTE: STUDS MAY BE WOOD OR GAGE METAL PER FRAMING NOTES ON SHEET 1.

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
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 BY [Signature]
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 BUILDING CODE COMPLIANCE OFFICE
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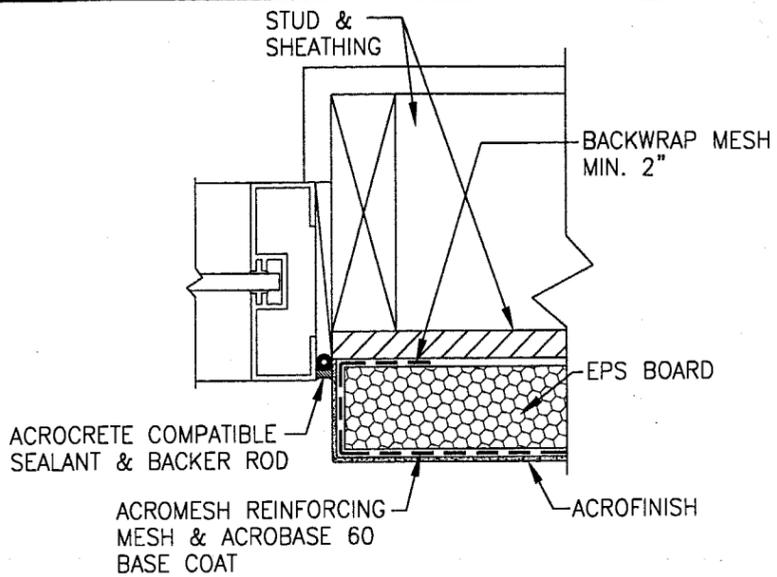
DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1-24	DATE: 10/26/00
DATE	
BY	
NO.	REVISION DESCRIPTION
ACROWALL-ES EIFS SYSTEM OVER PLYWOOD SHEATHING MANUFACTURER ACROCRETE ARCHITECTURAL FINISHING SYSTEMS 1259 N.W. 21ST STREET POMPANO BEACH, FL 33069 800-432-5097	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4902 FAX: 561-775-4903	
CERTIFICATION NOV 03 2000 <u>[Signature]</u> WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1023A	REV.
SHEET NO. 2 OF 4	



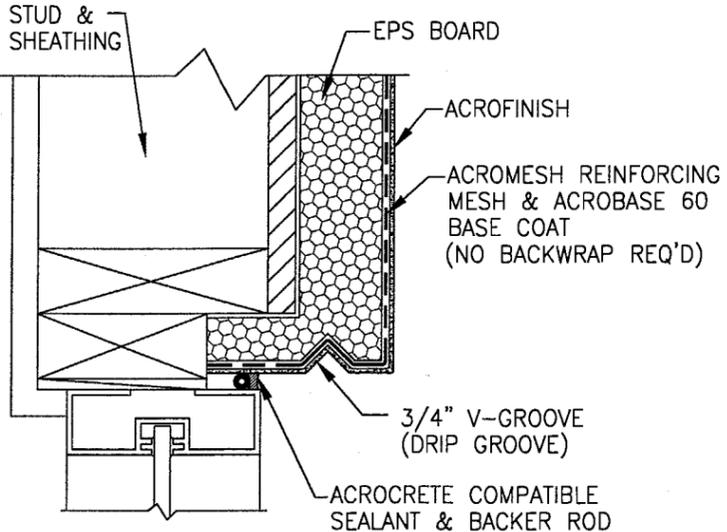
SCUPPER DETAIL



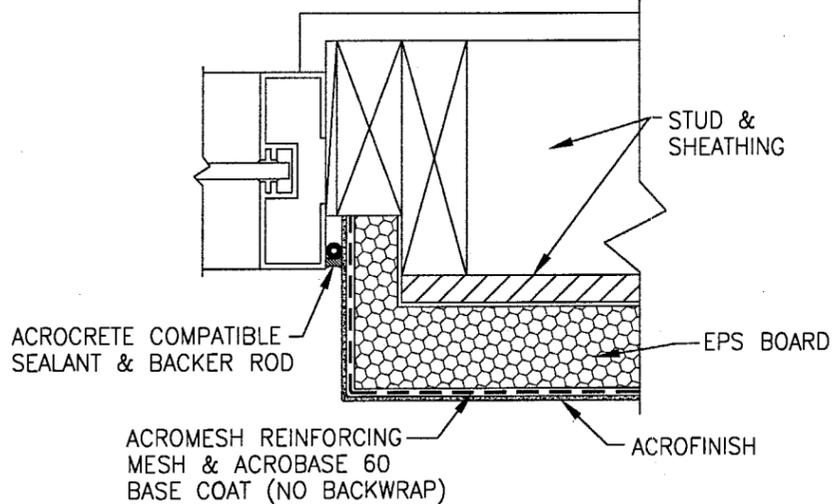
WINDOW/DOOR HEAD DETAIL WITH FLASHING



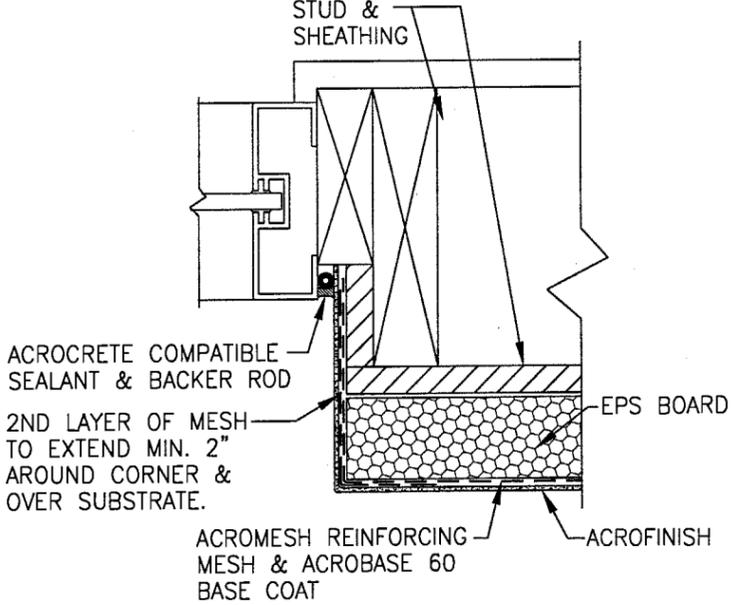
WINDOW/DOOR JAMB DETAIL (TYP. AT HEAD OR SIDE JAMBS)



WINDOW/DOOR HEAD DETAIL WITH DRIP GROOVE



WINDOW/DOOR SIDE JAMB DETAIL WITHOUT BACKWRAP



UNINSULATED WINDOW/DOOR JAMB RETURN DETAIL

SEE SHEET 1 FOR INSTALLATION REQUIREMENTS, GENERAL NOTES & ALLOWABLE DESIGN PRESSURE.

NOTE: STUDS MAY BE WOOD OR GAGE METAL PER FRAMING NOTES ON SHEET 1.

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BY	DESCRIPTION

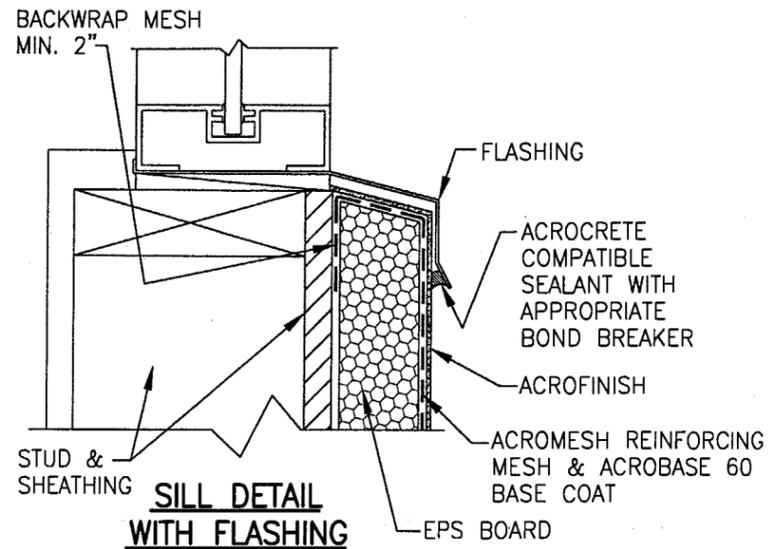
DRAWING TITLE: **ACROWALL-ES EIFS SYSTEM OVER PLYWOOD SHEATHING**

MANUFACTURER: **ACROCRETE ARCHITECTURAL FINISHING SYSTEMS**
 1259 N.W. 21ST STREET
 POMPANO BEACH, FL 33069
 800-432-5097

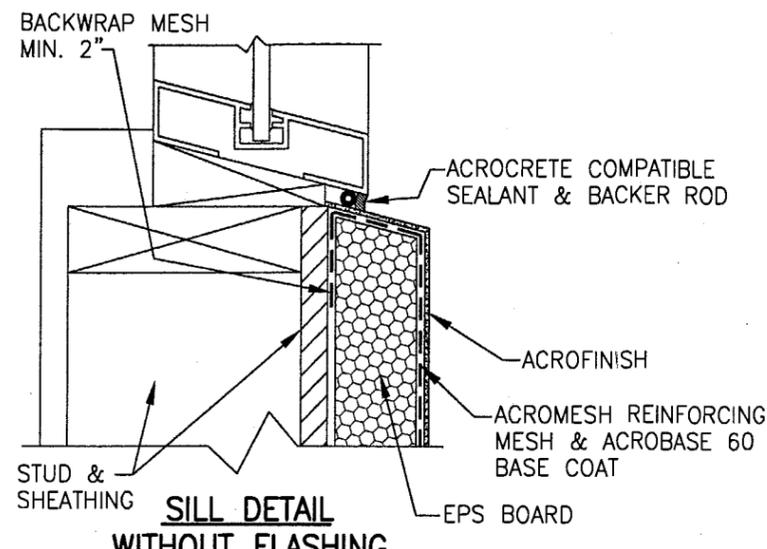
CONSULTANTS: **W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.**
 600 SANDTREE DRIVE, SUITE 203B
 PALM BEACH GARDENS, FL 33403
 PHONE: 561-775-4902 FAX: 561-775-4903

CERTIFICATION
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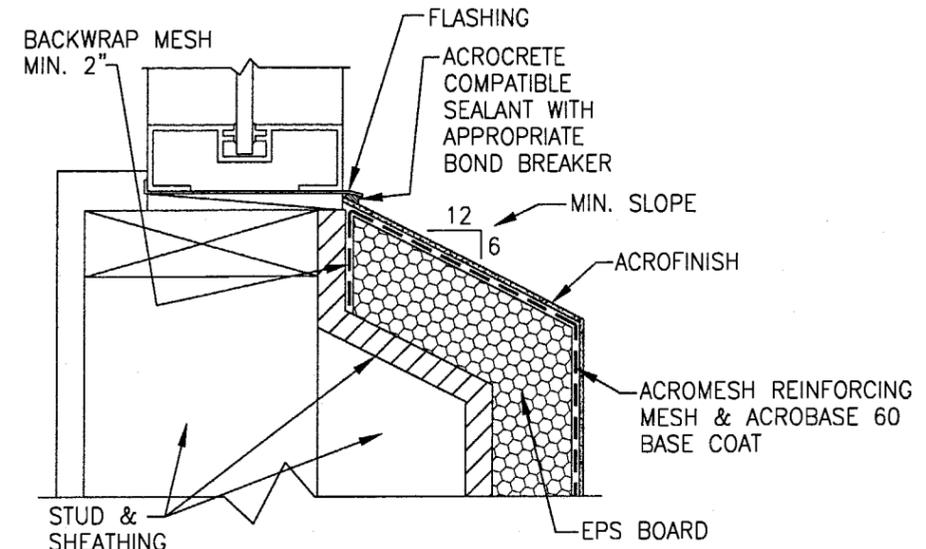
DRAWING NO. 1023A	REV.
SHEET NO. 3	OF 4



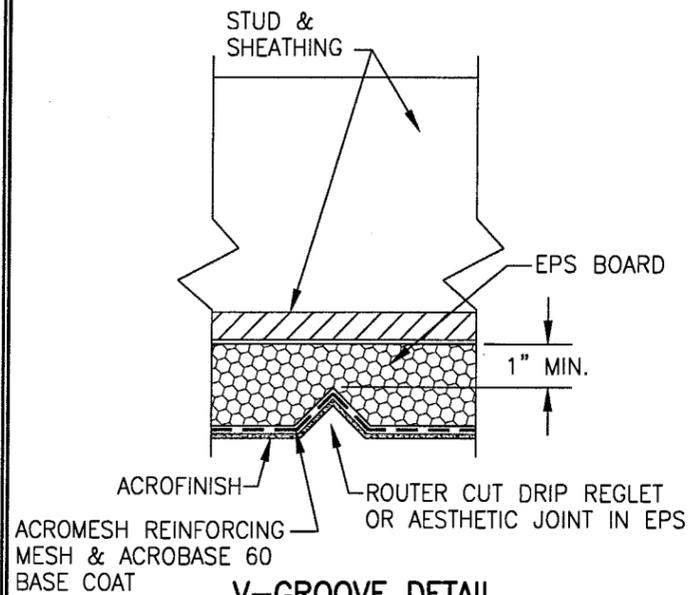
SILL DETAIL WITH FLASHING



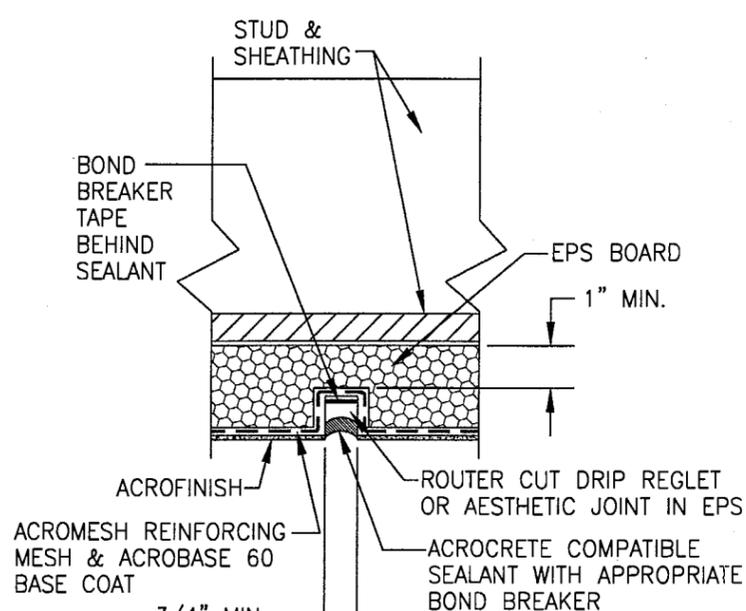
SILL DETAIL WITHOUT FLASHING



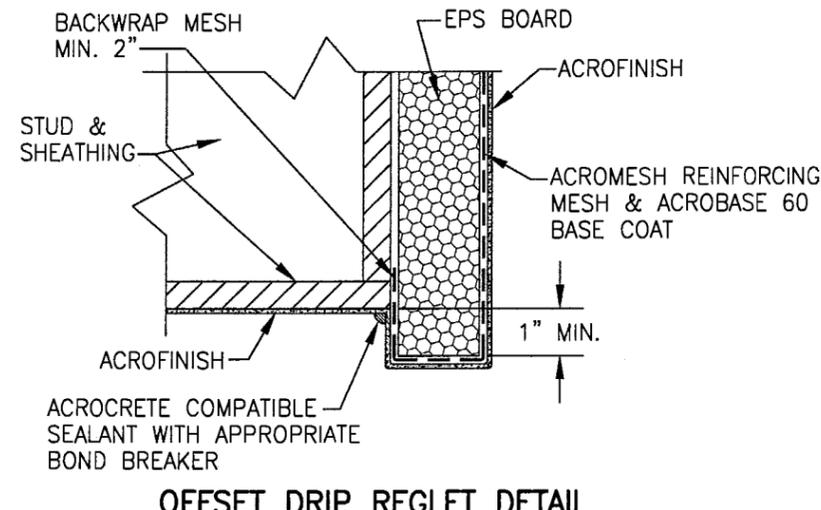
SILL DETAIL WITH EXTENDED KNEE WALL AND PARTIAL FLASHING



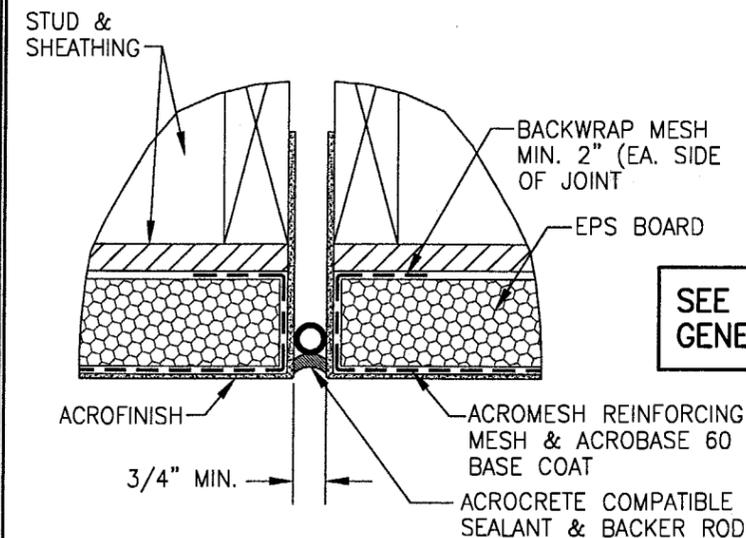
V-GROOVE DETAIL



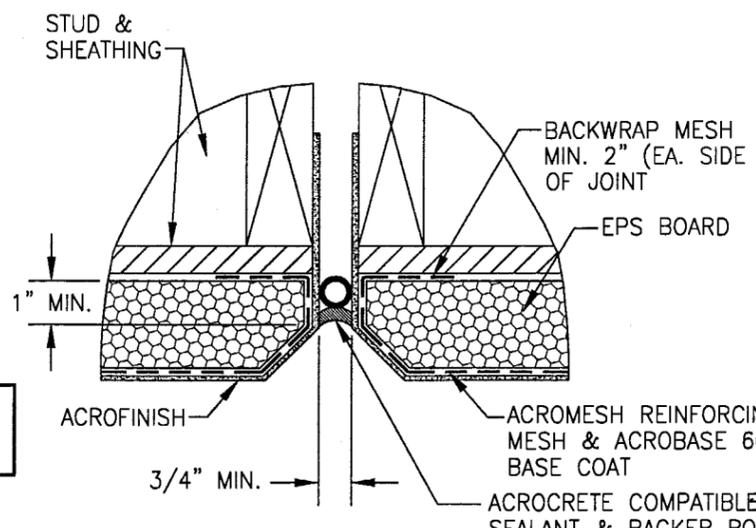
SQUARE-GROOVE DETAIL



OFFSET DRIP REGLET DETAIL



EXPANSION JOINT DETAIL



EXPANSION JOINT DETAIL

SEE SHEET 1 FOR INSTALLATION REQUIREMENTS, GENERAL NOTES & ALLOWABLE DESIGN PRESSURE.

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CONSULTANTS
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.
600 SANDTREE DRIVE, SUITE 203B
PALM BEACH GARDENS, FL 33403
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NOV 03 2000
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DRAWING NO.
1023A

REV.
SHEET NO.
4 OF 4