



AUG 15 2001

August 13, 2001

Ms. Susan Hugo
Hazardous Materials Specialist
Alameda County Health Agency
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

Re: Liquid Sugar site
1269 66th Street
Emeryville, CA

Dear Susan:

Per the request of yourself and Ravi for the above proposed housing development, please find enclosed the Damproofing/vapor barrier specification for the Liquid Sugar Housing site in Emeryville.

Please feel to call me directly if you have any questions.

PULTE HOMES

Sincerely,

A handwritten signature in black ink, appearing to read "SKalmbach", written over a white background.

Steve Kalmbach

Cc: Mr. Ravi Arulanatham – State of California
Mr. Jim Clark – Cornish and Carey Commercial
Mr. Ignacio Dayrit – City of Emeryville

Pulte Home Corporation
7031 Koll Center Parkway, Suite 150
Pleasanton, California 94566
925.249.3200 925.485.0291



KAVA MASSIH ARCHITECTS TRANSMITTAL

Date: August 6, 2001

To: Dennis O'Keefe
Pulte Home Corporation
7031 Koll Center Pkwy., Suite 150
Pleasanton, CA 94566-3218

fax:

From: Gerry Tierney

Project: 1269 66th Street Housing
Emeryville, CA

KMA Project No.: 0107
file:

Re: Slab-on-grade Damproofing Specification

- Your action requested
- For your information
- For your records
- As requested
- For your consideration

Dennis,

Please find attached a copy of our revised Damproofing Specification. The revisions are based on the review with Pulte Homes of the existing soil conditions. It is our understanding that there are to be no penetrations of either the slab-on-grade or the related damproofing barrier so as to prevent the potential for the outgasing of solvent fumes into the units above.

Please advise if any additional revisions need to be made to address this issue.

Thanks!

Gerry Tierney

Via

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- U.S. Mail
- UPS (2nd Day)
- UPS (Next Day)
- Express Service (EBB)
- Hand Delivered
- Fax

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 - SAN FRANCISCO 246 First Street, Suite 304, San Francisco, CA 94105 415.357.1740 / 415.357.1730 F
 - NEW YORK 611 Broadway, Suite 711, New York, NY 10012 212.529.2055 / 212.529.2055 F
- www.kavamassiharchitects.com

SECTION 07150
DAMPPROOFING

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specifications Sections, apply to this Section.

1.02 SUMMARY

- A. Provide below grade dampproofing complete, including the following principal items:
1. Dampproofing barrier under slabs on grade including sand cover.
 2. Damproof coating on inside face of raised slab stem walls.

1.03 QUALITY ASSURANCE

- A. Reference Standards: Manufacturers' specifications and recommendations.

PART 2 - PRODUCTS

2.01 UNDER SLAB DAMPPROOFING

- A. Barrier Sheet: Fortifiber Corporation "Moistop", barrier sheet material specifically manufactured for use as a moisture and vapor barrier installed below grade. The material shall be a lamination of black, waterproof, glass fiber reinforced double kraft paper, extrusion coated with polyethylene film on both sides.
- B. Tape and Adhesive: Per reference standards.
- C. Plastic Cement: ASTM D4586, Type I.
- D. Sand: ASTM C144 or ASTM C897.

2.02 WALL DAMPPROOFING

- A. Coating: Thoro System Products "Thoroseal Foundation Coating" with "Acryl 60".
- B. Cleaner: Per reference standards
- C. Hydraulic Cement: Thoro System Products "Waterplug".
- D. Water: Clear and potable.

PART 3 - EXECUTION

3.01 INSTALLATION

- A. Provide barrier sheet over rock base under slabs on grade at floors of enclosed interior spaces.
1. Lap seams 6-inches [150-mm] minimum and seal with continuous tape or adhesive.
 2. Turn down onto foundation walls, lap face of wall at least 6-inches [150-mm]. Connect barrier to wall dampproofing and to wall waterproofing where occurs.

3. There shall be no pipe penetrations through slab on grade damproofing barrier.
 4. Screed supports shall be flat base plate with no penetrations of damproofing barrier.
 5. Provide moist sand course over barrier sheet, thickness as shown.
- B. Provide damproofing coating on outside of walls extending from bottom of floor slab down to outside edge of footing. Install in accordance with reference standards.
1. Clean and etch surfaces to receive damproofing.
 2. Apply coating at minimum 2 pounds per square yard [1.09-kg/m²] dry.

— END OF SECTION —



KAVA MASSIH ARCHITECTS TRANSMITTAL

Date: June 29, 2001

To: Dennis O'Keefe
Pulte Home Corporation
7031 Koll Center Pkwy., Suite 150
Pleasanton, CA 94566-3218

fax: (925) 485-0391

From: Gerry Tierney

Project: **1269 66th Street Housing**
Emeryville, CA

KMA Project No.: **0107**
file:

Re: **Moisture & Vapor Barrier Sample**

- Your action requested
- For your information
- For your records
- As requested
- For your consideration

Dennis,

For your information enclosed is a sample of the "Fortifiber Moiststop" sheet membrane moisture and vapor barrier (as used by only the most reputable contractors!). This came off our Adeline Lofts project where they have a high water table and contaminated soils.

Just thought you'd like to know what the stuff looked like. This is 1000% better than "visqueen" which tears too easily.

Thanks!

Gerry Tierney

Via

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