



Bamboo Technologies

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Date

Name

Department of Planning and Permitting

Building Division

Address

City, State, Zip

RE: Upcoming Permit Application for Engineered Bamboo Homes

Aloha Name

We are contacting you because we have clients in your county who are interested in purchasing our engineered Bamboo Living™ Homes and will be initiating the building permit application process. Bamboo Technologies is the first company in the US, Canada and Europe to build bamboo homes that meet Uniform Building Code and International Building Code requirements using Structural Bamboo Poles certified by the International Code Council Evaluation Service (ICC-ES) as a structural grade building material. As we have yet to build one of our buildings under your jurisdiction, this packet of materials will inform you of how our homes meet or exceed the strength and durability of conventional homes and the requirements of the building codes.

Bamboo Technologies designs, engineers, manufacturers and installs a range of beautiful custom and prefabricated houses, studios, pavilions, vacation rentals and gazebos. David E. Sands, AIA, our Chief Architect, and myself founded this company because bamboo is a renewable resource, stronger than construction lumber and aesthetically beautiful. Through nine years of pioneering research and testing, the company has built homes and resorts in Vietnam, the Cook Islands and Maui, Hawaii, approved by the local building departments. You can preview these environmentally-friendly homes at www.bamboolive.com.

ICC-ES has issued a positive evaluation for the structural bamboo used in the manufacturing of Bamboo Living™ Homes, and this bamboo will be included in the International Building Code system for permitted buildings. This is the first time a species of bamboo has been approved as a structural building material in the International Building Code System.

ICC Evaluation Service Report ESR-1636 (Nov. 2004) states that Structural Bamboo Poles produced by Bamboo Technologies comply with the following codes: 2003 International Building Code (IBC), 2003 International Residential Code (IRC) and



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1997 Uniform Building Code (UBC). The report states, "The structural bamboo poles are used as structural elements in wall, roof and floor trusses (panels) or as individual compression and/or tension members in Type V residential construction".

Our bamboo buildings are structurally designed and the plans stamped by Kai Hawaii Inc., structural and forensic engineers with offices in Honolulu. The designs use the strength of the bamboo and steel connections to meet all load requirements of the Uniform Building Code and are engineered to meet building code requirements for each specific building site. The engineered structural integrity designed to withstand high winds and seismic activity makes these superior buildings that are extremely durable, long-lasting and easy to maintain.

Enclosed in this information packet is the following documentation:

- *Executive Summary of Research Reports* outlines the results of nine years of independent laboratory tests on our bamboo poles and engineered structural designs for strength, flexibility, and resistance to fire and termites.
- *Bamboo Technologies News Package* outlines how we select, treat and test our bamboo poles in Vietnam and engineer construction; provides a photo gallery of sample homes; and outlines the environmental and structural qualities of bamboo.
- Typical Permit Drawing Set for a Bamboo House (upon request).

Bamboo Technologies Resource Binder is available on request. It includes copies of the above reports, engineering calculations and drawings, third-party inspection of our factory, and letters of approval from structural and forensic engineers.

Please do not hesitate to contact us with any questions regarding our structures or a particular permit application. We look forward to working with you.

Warm Regards,

Jeffrey Trudeau
President

Enclosed: ICC-ES Letter to Bamboo Technologies Dec. 17, 2004 (2 pages)
ICC-ES Report ESR 1636 (2 pages)
Executive Summary of Research Reports (2 pages)
Bamboo Technologies News Package (6 pages)
Typical Permit Drawing Set (about 11 pages)