

*The Link between Sustainable Forestry and Wood Homes*

Today science now tells us that managed forests play a key role for a healthy planet. In North America our forests (including managed forests) cover about the same area as they did 100 years ago. Wood used to build our homes come from these

managed and sustainable forests. This scenario is a win-win situation for both the economy and the environment. Today, wood is the most abundant, biodegradable and renewable material on earth. It's difficult to imagine a more all-purpose, environmentally friendly act than

that of continuing to contribute to the number and variety of trees growing throughout the world by using wood in the construction of your home.



*The Association Dedicated to Promoting the Benefits of Wood*

The goal of HPLA is to promote lumber products as a preferred building material based on the proven track record of wood and its achievement of long-term performance success in Hawaii's construction industry. This goal will be achieved by promoting lumber as a renewable building material resource that provides benefits to the environment, produces sound construction economics, creates architectural flexibility and meets the highest structural engineering standards.



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# Building Your Home with WOOD is Best!

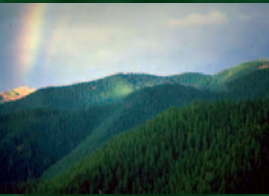


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*Wood is Green Building*

Today home builders use wood to construct homes that make optimum use of valuable forest resources which provide comfortable, energy-efficient living spaces. As the world's only renewable AND sustainable building material, virtually all lumber products come from managed, renewable, sustainable forests that grow trees like crops, growing 2.2 times faster than

are being harvested. Wood as a building material has been proven to have the lowest environmental impact, when compared to steel and concrete. Consumers who choose wood to build their homes can be assured of knowing that by using wood, they help increase the demand for growing forests



which absorb carbon dioxide and release oxygen to help fight global warming.



# WHY CHOOSE WOOD BUILT HOMES

Today, nine out of ten home builders will use wood to frame homes for very good reasons. In Hawaii the choice between a wood framed home and any other type of building material is clear. The benefits of building with wood include STRUCTURAL INTEGRITY, AFFORDABILITY, THERMAL PERFORMANCE, DESIGN VERSATILITY AND NATURAL ENERGY EFFICIENCY.

## *100-year track record of safety and dependability*

### Structural Integrity

Homes constructed of wood have stood the test of time with a 100-year track record of safety and dependability. The durability of wood makes for strong walls and roofs to create a home that is a



comfortable and secure place to live. And with today's advanced lumber treatments required under Hawaii's building codes, a wood framed structure built in Hawaii is safe from rot, termites and deterioration.



## *provides an excellent natural insulator*

### Thermal Performance



Wood is the first choice among Hawaii's home builders for a cool & quiet home. Framing with wood's solid dimension provides an excellent natural insulator, reducing noise between rooms and heat transfer in the home from the sun, keeping your home quieter and comfortable.

Wood's natural ability to greatly reduce the amount of sun heat transfer through the walls can save hundreds of dollars every year in energy costs over the entire life of the home.



## *saving consumers 30%*

### Affordability

And currently wood is the least expensive building material available today. Wood has high value at low cost, saving consumers 30% compared to other building materials.



Today's improved design technology, and use of engineered wood products combine high strength with low cost, which increases design flexibility, reduces construction time and improves quality.



## *showcase the beauty of natural wood*

### Design Versatility

Traditionally, wood has always been a top choice in home framing and construction. The majority of contractors are primarily experienced with wood framing and not only is wood easy to cut and to fit, you need only common carpentry tools to build with wood. Wood framed homes provide added architectural options and showcase the beauty of natural wood, when left exposed. Building with wood allows you to handle changes easily and efficiently, and helps keep projects on schedule. And, of course you can use wood throughout the home including roof decking, molding, sub flooring, flooring, doors, windows and outside your home, decks, fences and gazebos.



## *100% more energy efficient*

### Natural Energy Efficiency

Wood framed homes consist of structures that are energy efficient and have reduced environmental impact. The average home built today is 100% more energy efficient than a home built in the '70's. Homes built with wood require less energy to heat or cool. This will reduce the utility bills by hundreds of dollars every single year for the life of the home. Independent studies prove, wood is 400-times less heat conductive than steel and 8.5 times less than concrete. As a result, homes framed with wood are the best Naturally Energy Efficient choice.

