

UNDERSTANDING GREEN BUILDING STANDARDS

EFFICIENT SPACES ARE BETTER FOR YOUR HEALTH, YOUR WALLET, AND OUR PLANET. BUILDING OR RETROFITTING YOUR HOME REQUIRES CONSCIOUS DECISIONS; INCLUDING WHAT STANDARD OF ENERGY EFFICIENCY YOU WANT TO ATTAIN.



Living Building:

A rigorous benchmark of sustainability, this standard is a challenge to build regenerative buildings that connect occupants to light, air, food, nature, and community; are self-sufficient; remain within the resource limits of their site; and create a positive impact on the human and natural systems they interact with.

100% SAVINGS



A true **Net Zero Home** generates as much energy as it uses, via renewable sources like solar panels and wind power. Built to reduce amount of energy used for heating and cooling, the human element is the variable in this calculation. How you will live in the home should be considered while planning.

100% SAVINGS



Passive House - All about designing and building the home with energy efficiency in mind. A passive house is built to work with its environment, reducing the need for additional energy for heating and cooling, to (or below) the passivehaus standard. (In the best examples, this can come close to zero!)

75%-100% SAVINGS



R-2000 home is a Canadian standard. Homes built to the new R-2000 Standard are, on average, 50% more energy-efficient than typical new homes built to code. They focus on insulation, high-efficiency appliances, clean air and environmental features.

50% SAVINGS



A market leading, government backed standard, **ENERGY STAR** certified new homes are built to reduce energy demands with qualified construction and efficient appliances. On average, Energy Star homes are 20% more energy efficient than those built to code (minimum standard).

20-25% SAVINGS



The most widely used green building standard in the world, **LEED** is a **certification** with energy use being just one component. A LEED certified home will have sustainable practices in a range of areas. On average, a LEED home uses 20-30% less energy than a home built to minimum code.

20%-30% SAVINGS

Energy savings calculations are approximations based on heating and cooling energy use. To understand more about the different green building standards and how they compare, check out our blog post and video at: theconsciousbuilder.com/energystandards