

Luxurious **GREEN** Living

KHALSA CONSTRUCTION *Consciously Built Fine Homes*



Why Build Green?

The built environment has a vast impact on the natural environment, human health, and the economy. By adopting green building strategies, we can maximize both economic and environmental performance.

Green construction methods can be integrated into buildings at any stage, from design and construction, to renovation and deconstruction. However, the most significant benefits can be obtained if the design and construction team takes an integrated approach from the earliest stages of a building project.

Environmental benefits:

- Enhance and protect biodiversity and ecosystems
- Improve air and water quality
- Reduce waste streams
- Conserve and restore natural resources



Economic benefits:

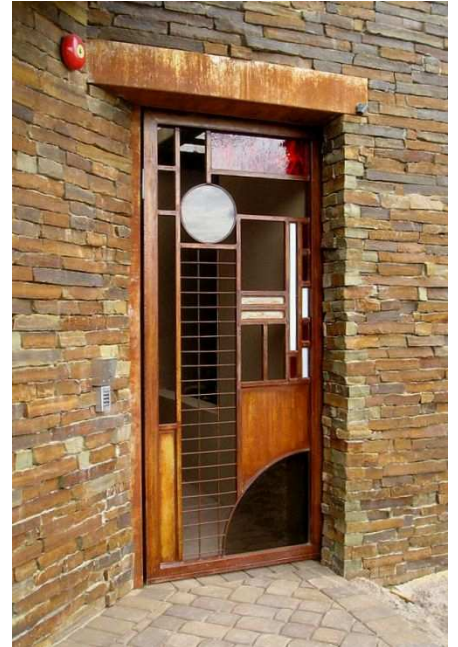
- Reduce operating costs
- Create, expand, and shape markets for green product and services
- Improve occupant productivity
- Optimize life-cycle economic performance



Social benefits

- Enhance occupant comfort and health
- Heighten aesthetic qualities
- Minimize strain on local infrastructure
- Improve overall quality of life

Info taken from the U.S. Environmental Protection Agency
<http://www.epa.gov/>



Frank Lloyd Wright inspired exterior architecture for LEED inspired custom home built by Khalsa Construction, LLC.

Natural xeriscape landscaping surrounds this tri-level home at the base of the McDowell Mountain Preserve in Fountain Hills, Arizona.

Art Deco entry gate (right) made from steel and glass offers a secure and aesthetic access to ascending entry courtyard.



Front door (left) is custom design by a local artist stands 15' high, made of patina steel and float glass with fused embossed patterned glass.

Water feature outlines spiral courtyard entry offers a calming ambiance using natural elements leading up to dramatic & artistic main entrance.



Open panel for TV viewing.

Main entrance to foyer, living room and upper-level hallway to bedrooms, also features custom guardrail made from fused embossed patterned float glass.

Living room features a gas fireplace with rusted layered steel facing unveiling a remote-operated large screen TV.



Kitchen countertops consist of Reglass, stainless steel & concrete, helping to reconstitute the renewable materials used for construction.

Also utilizing all Energy Star rated efficient appliances.



REGLASS countertops hand-made glass surfaces constructed of 100% recycled glass – the only surface in the world with no concrete or resin fillers, no binders of any kind. www.re-glass.com





Dining room (left) features a chairlift from lower-level garage for handicapped accessibility and/or carrying groceries, luggage, etc up the stairs.



Master bathroom (right) utilizing teak wood vanities, Reglass countertops and low-flow faucets, as well as dual flush toilets.



Patio wrapping around perimeter with views of surrounding Sonoran desert foothills and native wildlife, connecting natural elements of outdoor fire pit and pool area.

Saline lap pool (below) with sun shelf and gentle waterfalls has remote-operated cover and is heated by solar panels located on roof, collecting heat for all domestic hot water use.

(below)
Solar panels for both pool and domestic hot water.

