

# Eco-Design for the Owner-Builder

Wooroloo, Saturday September 17th 2011  
9:30am - 4:30pm  
With Sharon Jacobsen  
Environmental Building Designer, Teacher & Writer

## Overview

As seen in "The Owner Builder" magazine, discover your own creative ability as Sharon takes you through the process of designing a solar passive eco-home. Learn how to select building materials which are good for the environment and identify those which are not so you can live in harmony with your surroundings. Put your new-found drawing skills to practice as you choose your own design options and building materials to hand-draw your concept plan for a garden studio with shady verandah. The studio can easily be adapted to become an office, teenage retreat or even that weekend accommodation on your secluded country hideaway.

Many participants will go on to successfully design their own solar passive eco-home and create their own quality hand-drawn concept plans.

## Course Outline:

- Materials selection - identifying environmentally-friendly building products. Minimising chemicals in the home. Sick building syndrome, geopathic stress.
- Design Workshop: The secrets of successful solar-passive design. General building design guidelines and their use in the design studio. Create a simple solar passive home to suit various orientations.
- Style and function: Defining rural architecture. Living in harmony with your surroundings.
- Drawing workshop: Architectural drafting as an art form: nurturing the artist within. Discover your lettering style; linework, doors and windows; symbols.
- Creating the studio floor plan - choosing your design options and putting it all together.
- Visualisation: Seeing is believing - drawing in elevation.
- Presentation is the key: Adding the finishing touches
- Computer assistance is good: Presenting Google Sketchup.
- Cost: \$125 plus optional \$40 stationery fee. (Stationery list provided on request)

## What to Bring

Bring your stationery if you have not paid the \$40 stationery fee.

Bring your camera if you wish to photograph the rammed earth Eco-cabin under construction.

Healthy lunch, morning & afternoon tea will be provided. There is also plenty of fresh rainwater available to drink.

---

This course is the pre-requisite for "Draw Your Own Plans for Council - Drafting for the Owner-Builder" where the concept plans for the garden studio are taken further to become complete builder's working drawings for council approval.

Looking forward to another great day!

*Sharon*

Enrol Online at  
[www.rammedearthbuilder.com.au](http://www.rammedearthbuilder.com.au)

PO Box 87  
Gidgegannup WA 6083  
M: 0414 583 510