

# Residential Deep Green Building Checklist (Sampler)

[DRAFT v. 2.0] oasisdesign.net © April 2008...please send suggestions to oasis@oasisdesign.net

Get your

- Goals
- Context
- Issues
- Resources

straight, then the design will flow naturally and solidly from them

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## Synopsis

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Short narrative description of your project's essence

*(re-check this periodically) Example: "A cozy, soulful home for a single mom and two children, built in manageable stages, debt-free and with moderate stress, usable as soon as possible and throughout the stages. State of the art deep green, with lots of good design, few square feet low inherent resource use, some on-site food production. Adaptable for working at home, changing family configurations, later renting out, etc.."*

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## Goals

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### General Goals/Project Culture/Assumptions

Mark the point on the "Low" to "High" scale that is most appropriate, thusly: L . . . (.) . . H

User lifestyle adjustment      L . . . . . H

System resiliency                      L . . . . . H

### Economic Goals

Built debt-free                      L . . . . . H

Rental income                      L . . . . . H

Retire soon                      L . . . . . H

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## Issues?

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## Resources?

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## Design

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### House Size

Square feet \_\_\_\_\_ Square feet per person: \_\_\_\_\_

- Project is in scale to intended use
- Project is necessary
- Project is suited for and sensitive to site
- Project design facilitates resource-efficient lifestyle choices

### Water Supply

Prospective and existing water sources:

- Well \_\_\_\_\_ gpm
- Spring \_\_\_\_\_ gpm (minimum)
- Meter \_\_\_\_\_ (size)
- Rainwater harvesting
- Runoff harvesting
- Surface water (distance:) \_\_\_\_\_

How is your water supply constrained by power supply, economic, ecological, or availability considerations?

Quantity of water:  lots  medium  little

Security of water:  very secure  medium  precarious

What are the water security issues? (E.g., no power = no water = dead fruit trees)

Volume of on-site water storage \_\_\_\_\_

### Slope

Is the irrigated area below greywater/rainwater sources? Y/N

Slope % \_\_\_\_\_ Slope aspect (orientation):

Are there erosion and/or slope stability (landslide) issues?

### General Ecological Design Checklist

#### Consciously Chosen Technologies

Motor vehicle access      L . . . . . H

Carpool, coop                      L . . . . . H

**TV**—read, talk with each other, make love, watch the sunset...

**Microwave**—pressure cooker for cooking, stove for reheating

**Dryer**—line dry

**Garbage disposal**—compost instead

**Water softener**—use rainwater for hair, clothes, hard water otherwise

**Dishwasher**—use efficient dish rack-doesn't take any longer

**Air conditioner**—swamp cooler, good shading, ventilation and planting