

## EARTHSHIP / Green Building Design Principles

- [Electricity](#) : From the sun and wind.
- [Water](#) : From rain and snow melt, used four times.
- [Sewage](#) : Treated on site in botanical planters.
- [Heating and Cooling](#) : From the sun and the earth.
- [Food](#) : Grow inside and outside.

Earthships can be built anywhere in the world, in any [climate](#) .

Earthships will keep you comfortable in any [climate](#) in the world with little to no utility bills / fossil fuels.

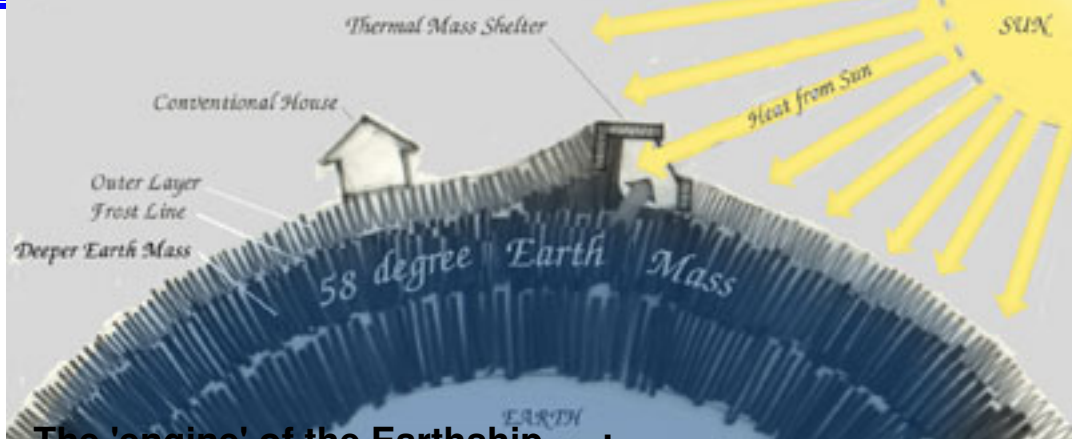
Make sure you understand what makes an Earthship an **Earthship**.

**An Earthship is defined  
by the following six principles:**

- [Thermal/Solar Heating & Cooling](#)
- [Solar & Wind Electricity](#)
- [Contained Sewage Treatment](#)
- [Building with Natural & Recycled Materials](#)
- [Water Harvesting](#)
- [Food Production](#)

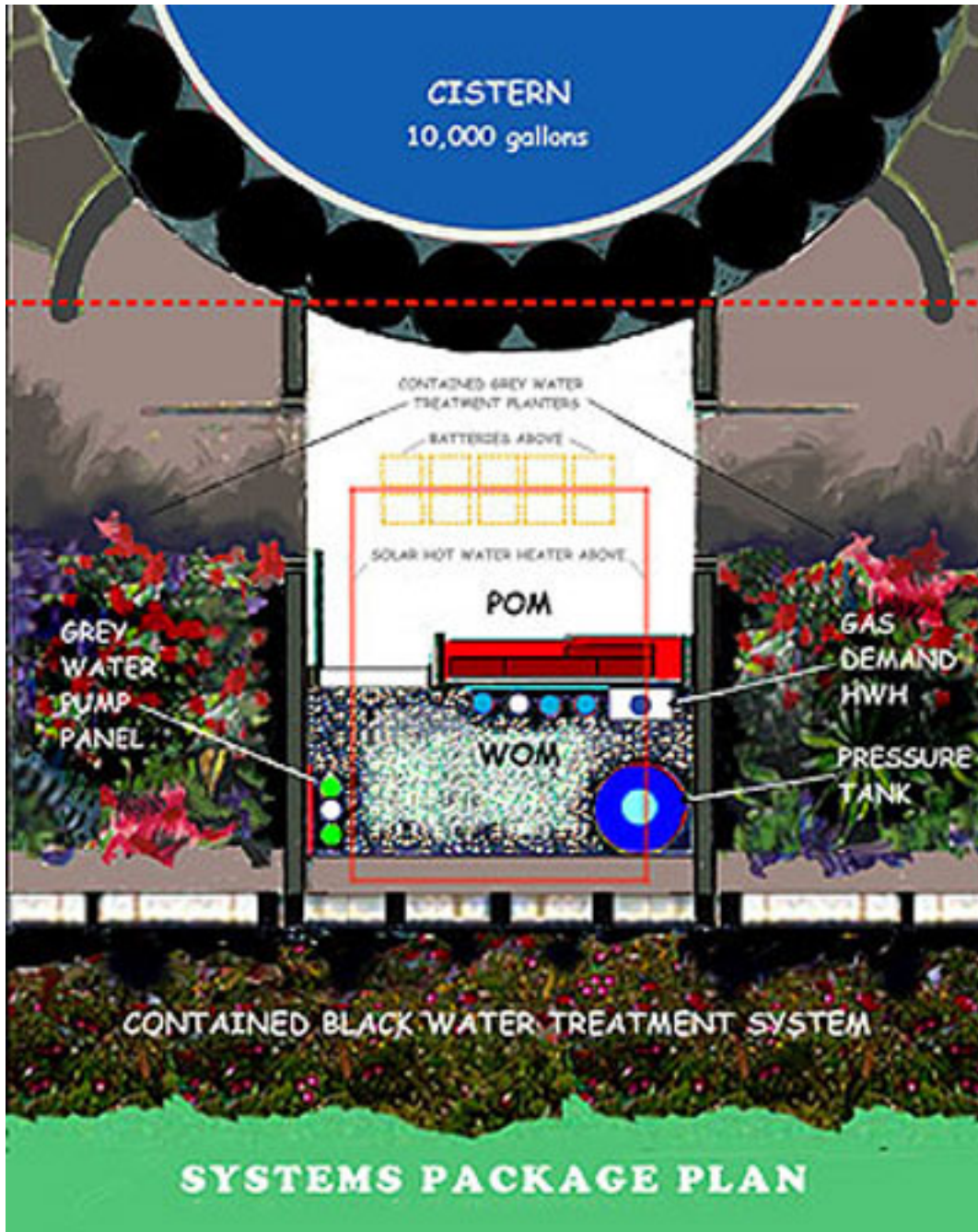


For better or for ill, the Earthship is a unique and innovative design that has inspired many other green buildings.



The 'engine' of the Earthship :

The Earthship is a unique and innovative design that has inspired many other green buildings.

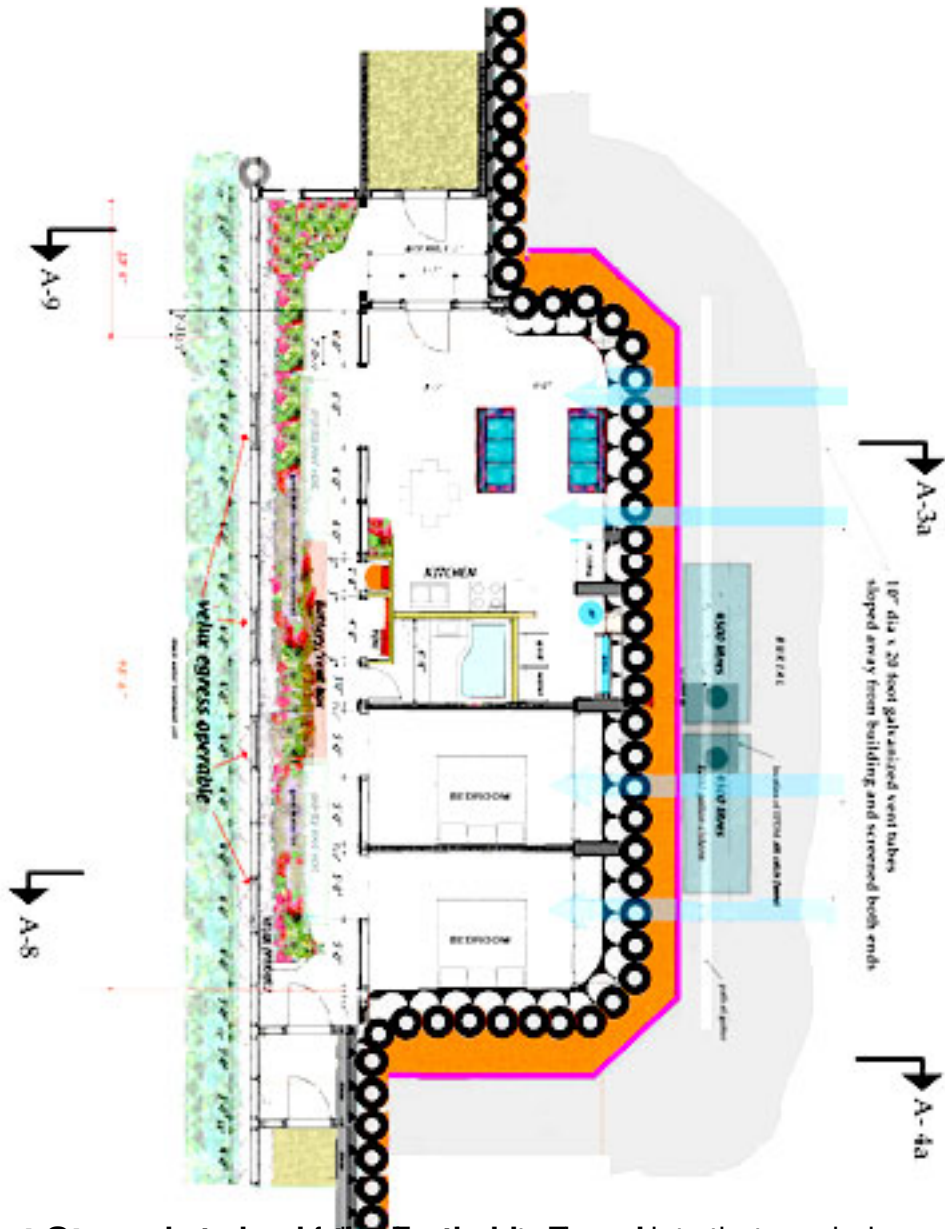


[Earthship Demonstration workshops](#)  
[Retrofitting with Earthship Biotechnology](#)  
[Earthship Seminars in Taos, NM, USA](#)

Earthship Biotechnology Seminars are now available online by encountering and interacting with



BASED ON THE WORK OF BILLY BALFOUR, ARCHITECT AND DESIGNER OF EARTHSHIPS, AND HIS COLLEAGUES AT THE CENTER FOR EARTHSHIP DESIGN.



**First Steps** Ready to begin? The Earthship Experience is what can help you decide what you want to do and

[help you decide what you want to do and how to get it done. The Earthship Experience is what can help you decide what you want to do and how to get it done.](#)



Second Steps

[View the original article on Earthship magazine website](#) [View the original article on Earthship magazine website](#) [View the original article on Earthship magazine website](#)



[https://www.youtube.com/watch?v=...](#) We can build our Earthship



[The World of Earthship: From Design to Construction](#) will help you get the world. We know how to make it easy, safe and