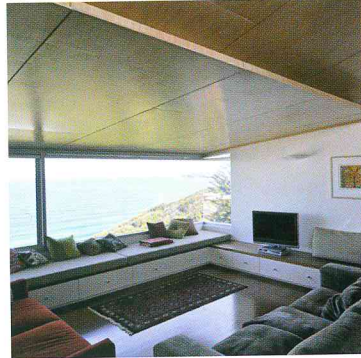
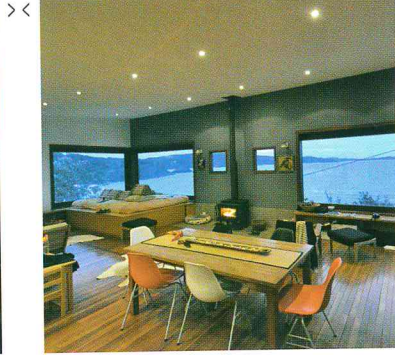
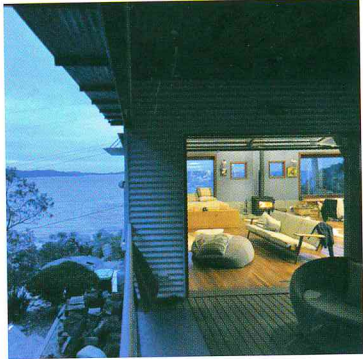


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◀ 0153

Design buildings well, so that they are well used and do not become obsolete as the client's needs change. Good design will be timeless, delightful spaces will always be utilized fully.

0151 ▲

Recycle buildings if possible rather than knock down and rebuild. Look for the positive elements within the existing buildings and reinforce them. This building was a small seaside cottage, which was pulled apart and converted to living space, with new sleeping spaces added as pavilions in the garden. Where walls were removed, contrasting floorboards were added in the floor so the previous entity could always be understood.

0152 ▼

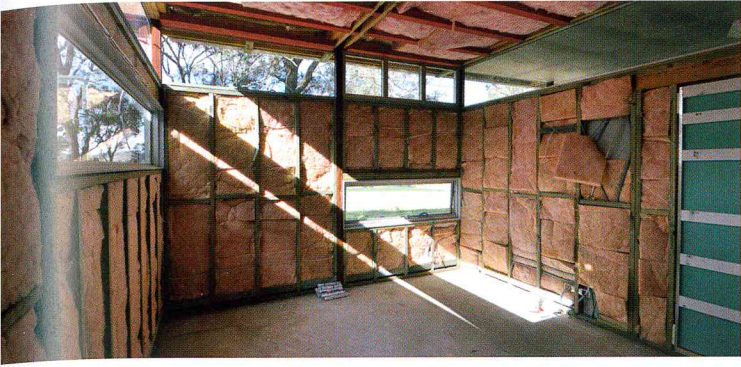
Design a building to use minimal energy in its use. Incorporate solar panels. Use low energy light fittings, hot water heating and appliances. If possible in a temperate climate, orient the building East-West to maximize the ability to catch summer sun.



0154 ▲

Position openings which will allow the occupants to maximise cross ventilation in summer. By placing large louvre panels close to the ceiling at both ends of this hall, convective currents will always force air out on hot days.





0155 ▲

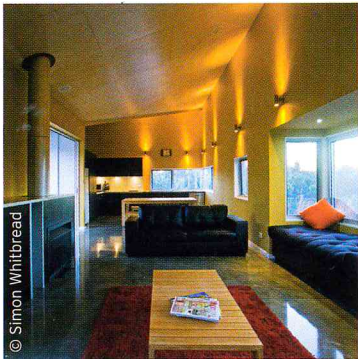
In temperate climates, insulate the building well to reduce heat loss in winter and heat gain in summer. This project has insulation (both bulk and reflective) in all wall and ceiling cavities.

0157 ▼

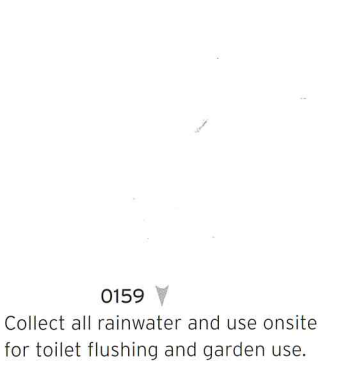
Use materials that have minimal environmental impact in their manufacture: reconstituted or plantation timbers, recycled polyester insulation, plywood, low VOC paints.

0156 ▼

Encourage outdoor living, in a partially covered "in between" zone. Spaces not fully inside, nor outside but protected, require little energy to sustain and provide a delightful location to dwell.

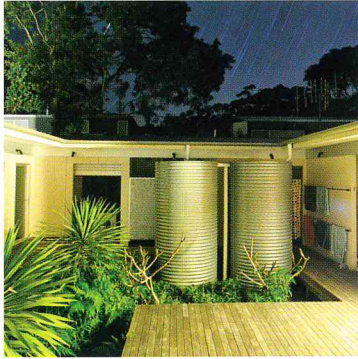


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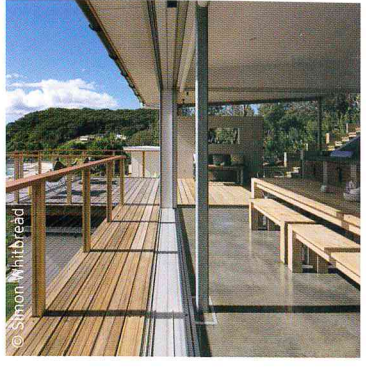
0159 ▼

Collect all rainwater and use onsite for toilet flushing and garden use.



0160 ▲

In temperate climates, incorporate floor slabs that are shaded in summer and flooded with sun in winter. This way the floor stays cool in summer, but, as more sun hits the surface later in the year as seasons change, it radiates more heat into the room.



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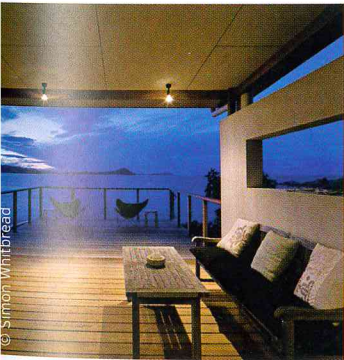
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0158 ▶

Install screens or shutters, and large opening doors and windows so that the building can be "trimmed" like a sail on a yacht. These shutters can fully close, fully open or sit somewhere in between, allowing the inhabitants to adjust the building to suit the weather.



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