



**Hard Landscape
Environmental Best
Practice**

Hard landscape Specification -
Environmental Best Practice?

Issues

- Landscape design Issues
 - Site Location and conditions
- Site Autonomy & As found materials
- Water Saving & Recycling
- Energy Saving & Global Warming
- Biodiversity & Climate Change
- Health & Social Issues

Site location and conditions:

- Prevailing Rain and wind
- Shade and Light penetration
- Breeze and Shelter creation
- Zones of Influence
- Genus Loci
- Sense of place

Site Autonomy

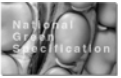

- Wild turf
- Recycled Plastic and Pallets: Composters and Wormeries and Worms
- Recycled materials and products
- Reclaim and reuse of materials
- Recovered Compost, loam and growing media
- Waste minimisation on site, segregation, recycling and reuse
- Material Exchanges

As found materials

- Stone and turf or stone and earth walls.
- Soils and water bio remediation techniques
- Brown roofs
- Soils analysis and insitu conditioning
- Durable Species or detailing to avoid treatment

Water saving

- Permeable pavement, microbes
- Rainwater mitigation, harvesting and recycling
- Living Roofs and Water storage
- Habitat creation and protection (landscape, pond and roofs)
- Natural edges to water bodies
- Drought Tolerant Species



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Energy saving

- Solar Thermal pools
- Solar Thermal Pool heating
- PV lighting
- Energy saving Controls
- Green Tariff electricity

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Biodiversity

- Biodiversity retention and enhancement
- Wild turf and topsoil (scarce resource)
- Living roofs: Brown roofs
- Natural Swimming Ponds (swimming with the frogs)
- Indigenous Species
- Supporting Bees & other pollinators

Global warming

- Orientation, shade, solar penetration, capture, thermal mass
- Solar thermal Conservatories and their exploitation
- Solar thermal heating of swimming pools avoiding using external energy sources
- Avoiding CO2: Cement, concrete and using alternatives

Health and Social Issues

- Legal and Sustainable Timber
- Natural Paints and stains
- Preservative treatment
- Growing own food & Vertical Food