

The background of the cover features a light beige color with dark silhouettes of trees and a horse grazing in a field. The horse is positioned in the lower-left quadrant, facing right. The trees are scattered throughout the scene, with a large one on the left and several smaller ones on the right and bottom right.

SUSTAINABLE DEVELOPMENT FORUM

BALANCING PEOPLE & PLACE

ARCHITECTURE AND GARDEN COMPETITION 2009

ARCHITECTURE COMPETITION

\$10,000 PRIZE

This competition is open to all residents of New South Wales.
The design must not have been entered in any other competition.
Deadline 29 May 2009.

Architecture Brief:

The objective of this competition is the design of a concept home (where construction has not yet commenced) for a construction of under \$300,000 for a 3-4 bedroom house built and finished. The design will incorporate creative solutions to sustainability challenges within the context of the site, planning controls and affordability and harmonise indoor and outdoor living spaces.

The design should best utilise the diverse opportunities that are available to the home owner on a greater than 2000m² block in regard to orientation, passive solar design, solar access and the use of new and alternate technologies to address energy use and value for money. It should include the following;

- Determination of the size and shape of the building
- Relation of the building to the site
- Information regarding spaces and character and the relation of the rooms and parts to each other.
- Bedroom, bath, kitchen fixture locations.
- Description of the proposed building, including drawings of the site plan, floor plans, elevation and building exterior, basix requirements, sewerage and stormwater details
- Creative solutions within the context of the site, planning controls and affordability for a sustainable energy efficient design.
- Clear communication of ideas to explain the ethos behind the design.
- A viable design proposal that strikes a balance between creativity and pragmatism

Please note that this is the minimum information required in a design. Designers are welcome to offer more information.

Information in regard to an actual physical site will be provided and include;

- prevailing winds;
- elevation;
- sewer lines; and
- storm water details.



ESSENTIALS

3-4 bedroom home with bathrooms
Kitchen with pantry
Laundry/ utility room
Living room/area
Dining room/area
Home office
Garage – 2 car
Outdoor living space

CONSIDERATIONS

Bushfire, storm protection features
Walk-in wardrobe in master bedroom
Verandahs, courtyard, terraces
Easy low maintenance
Innovative and comfortable

GENERAL CONDITIONS

PRESENTATION

The language for the Competition is English
It is preferred that entries are emailed in PDF or JPEG format for A4 sheets (21 x 30 cm).
A3 sheets are acceptable for the garden competition.
Competitors should keep a copy of the design submitted.
Design should be received no later than 29 May 2009
Designs submitted by courier must be paid for by the competitor.

SCHEDULE OF DRAWINGS

These should be in black and white. However, photographs of models may be used.
Site Plan: Minimum scale 1/16" = 1'-0"
Floor Plan: 1/8" = 1'-0"
Elevations – minimum or two: minimum scale: 1/4" = 1'-0"
Site Elevations or Perspectives: Minimum scale: 1/16" = 1'-0"

DESCRIPTION

Consideration will be given to projects submitted via a typewritten text of no more than 300 words. Matters to be covered include:

- Design approach to construction – any cost saving methods should be considered and justified.
- Aspects of energy saving
- System(s) to be used for heating/cooling the building
- Finishes and materials.

UTILIZATION OF THE LAND

It is proposed that the design take into consideration the full potential of the site giving attention to potential surrounding development. As a result the design concept presented will suggest the need for creativity in design and layout of the building so as not to degrade the value of any unused portion of the site of neighbouring future development.



TOPOGRAPHIC

SITE INFORMATION

Site name: TAMWORTH AIRPORT
Latitude: 31.09 °S Longitude: 150.85 °E
Elevation: 404 m

- Specification Data Included.
- Site Photography
- Site Plan for Lot 122
- Dimensions
- Water supply
- Survey
- Storm water
- Sewer
- Tamworth Annual Weather Report



GARDEN COMPETITION

\$5,000 PRIZE

Design for a water efficient garden in the Peri-urban environment on land larger than 2000m².

This competition aims to reward landscaping that conserves water, protects the environment and demonstrates water efficient design and practices to develop a landscape microclimate that illustrates ecological sensitivity. Mulching, plant selection and water-efficient irrigation should be addressed along with the following concepts:

- Water Availability
- Water Storage
- Water Quality
- Water Management
- Weed management
- Plant species
- Habitat value

Above all things, the garden must be sensitive to ecological principles, provide quality habitat for local wildlife species and must be a quality design that balances open spaces with shrub and flower plantings and hard surface areas (decks, patios, paths).

Considerations

- Utility spaces such as clothes lines, compost and storage areas.
- Outdoor living spaces such as courtyards, barbecues and seating.
- Special needs such as a vegetable garden, etc
- Minimisation of the area of lawn. Since most summer water is used on lawns, turf areas should be kept to a minimum, consistent with functional and aesthetic requirements.
- Choose plants that are suitable for the environmental conditions and have a low water demand.
- Keep planted areas dense, consolidated and well mulched. Sparse, scattered plants are more difficult to water efficiently than those in defined areas.
- Ground preparation
- Provision of habitat plantings for fauna including nectar dependant birds, reptile and amphibian habitat, and plantings of threatened or endangered flora species.
- Use of non-planting treatments such as paving and mulches, while at the same time considering the risk of creating hot spots due to large areas of unshaded paving.
- Installation of a watering system that is both efficient and flexible.
- Includes the capacity to monitor and adjust the amount of water that is applied on a regular basis.
- Makes use of windbreaks, pergolas, screen, lattice, shade cloth and vines to shelter the house, outdoor living areas and plants.



Designs that favour plantings over built structures and hard surfaced environments will be highly valued due to the increased ecological value.

Specifications

The specifications of the site are as per the concept home design lot specifications. Positioning of a 'virtual' home for design interpretation will be provided. Plants used in the landscape design must not have a known weed potential in the Tamworth area. Plantings must be sustainable within the water restrictions of the stated location.

A 5000L water tank is placed at the rear of the house; drying and bin storage areas are on the western side of the house and will therefore not require inclusion in this design

Site conditions: Full sun exposure in the garden, the front of the house faces north. See contour plan for levels and house orientation.

Designs must include:

- Clear communication of ideas to explain the ethos behind the design.
- A viable design proposal that strikes a balance between creativity and pragmatism.
- Description of hard landscape materials (including also water features, art works and sculptures) & soft landscape materials (plants)
- A balanced water budget for the garden based on mean annual rainfall, water capture capacity and the likely water requirements of plantings.
- Planting lists and the expected ecological or sustainability benefit of each planting including contribution to habitat values for fauna and flora.
- A description of how the principles of re-use will be applied in the garden.
- Seasonal variations in the garden as are applicable to the design of the garden (e.g. use of bulbs etc.).

CONTACT DETAILS:

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APPLICATION AND CONDITIONS OF ENTRY

Competition is open to all residents of New South Wales
Design is not to have been entered in any other competition
Deadline 29 May 2009

Registration is Free

Maximum number of entries from an individual or partnership or joint venture is 5 – with each entry showing only one design.

First Name:		
Surname:		
Street Address:		
Town / City:		
State:		
Post Code:		
Postal Address:		
Telephone:		
Mobile Phone:		
Email Address:		
Fax Number:		
Competition Entered:	Concept Home	Garden Design
I/We declare that the design is my/our work and that the drawings were prepared by me/us		
I/We declare that I/W have met all the competition requirements		
I/We have completed with and accept all regulations and conditions which apply to the competition and accept the decision of the judges		
Signed:		

Entries must be received by close of business 29 May 2009

COPYRIGHT

The copyright in relation to the design submitted by each competitor (except for the "prize winners") shall vest in that competitor. By payment of prizes to the winner the Namoi Catchment Management Authority acquires all propts and remaining rights over planning documents, drawings, plans, works and anything else produced by the two 'prize winners' for these Competitions.

