



Townsville Bulletin 09/07/2011

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New design offers solution to floods

drew 12 entries.

sored by LJ Hooker, The artment of Climate Change. home fits into both the urban Future Housing Taskforce concepts submitted for it are Development Group. expected to inform design for buildings in flood-prone areas of Queensland.

Ian Agnew, Archicentre's said the competition highlighted the role of architects ing and costs. and innovative design in solvposed for communities.

ways to rebuild homes in flood-prone areas," he said.

LJ Hooker chief executive L to the first floor. Janusz Hooker said the comin flood-safe home design.

solutions is highlighted by the magnitude of the potential for flooding in Australia.

Residential buildings worth

QUEENSLAND design prac- up to \$63 billion, including on posts, making it suitable tice Dion Seminar Architec- 247,600 individual buildings, for sloping sites, and can be ture has taken top honours in are potentially at risk of inun-expanded through interlocka competition for designs for dation in Australia this cen- ing pavilion extensions.' flood-resistant homes which tury, according to Climate Mr Seminara said the design Change Risks to Australia's features lightweight building The competition was spon- Coast, published by the Dep- materials and the concept

and Archicentre, the advisory is to be built in a controlled Mr Agnew said all entries arm of the Australian Insti- environment by Ken Mitchell, were of a high quality, tute of Architects, and the of Queensland Lifestyle integrating flood-resistant,

> The home will be trans- sustainable design. ported to site in two parts and Other design criteria set for connected along the centre. the competition included:

Queensland state manager, enables mass construction substantiated challenge to reand greater control of build- quirements set by Building

Winning architect Dion and statutory authorities. ing problems that climate Seminara said the design \cdot Provide three bedrooms and aimed to provide for an easy not to exceed 220sqm "We believe the competition clean-up after flood and multi- in size. provided valuable opportun- purpose use of the ground • Provide under cover accomities to look at safer and better level for vehicles or storage. modation for two cars.

flood clearance level of 4.5m a site with up to a 1:4 slope.

"This zone features mat-lightweight materials. petitors had set new standards erials and finishes which can • Have a construction budget The need for effective design age," said Mr Seminara.

sure on the structure.

"The concept home is built and landscaping.

The winning concept home and bush environment.

energy-efficient and

- Archicentre says the system Meet or provide a well-Code of Australia and local
- The concept home has a Be able to be constructed on
 - Be built from 80 per cent
- be hosed down without dam- not exceeding \$200,000, excluding consultants' and "Water can flow through the authorities' fees and permits, building without placing pres- site preparation costs, service connections, site allowances



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Dion Seminara Architecture's winning design - it is lightweight and environment-friendly