

Queensland Steel Design Awards



The Queensland Steel Design Awards are held annually and are open to all Queensland structures designed by an Architect or Engineer, using steel as a significant part of the project.

The Awards have three categories of professional awards:

- Architectural Steel Design Award
- Structural Engineering Steel Design Award and
- Metal Building Product Design Award.

The judging panel was made up of an architect, engineer, building contractor, fabricator and steel detailer. The panel carried out a thorough evaluation of the projects and either visited the short listed projects or interviewed the designers.



Bark Design's Steel Studio

Due to the high standard of entries short listed and the difficulty in separating them, the judges decided to share the Award between two Architects.

Equal joint winners of the Queensland Architectural Steel Design Award were: Bark Design for the Bark Design Studio and Cox Rayner for the Brisbane River Ferry Terminals.

Other Project Team Members were:

Engineer: Tod Noosa

Building Contractor: Ron Scholes Building

Steel Fabricator: Precision Welding

of construction and to create a physically and visually strong skeletal series of portal frames.

The designers worked closely with the builder, steel fabricator and steel detailer to create a series of components that could be easily fabricated, hot dip galvanized, transported and erected.

The judges commented that “The design utilises steel, glass and plywood in a practical manner to achieve a light, floating appearance with minimal disturbance to the landscape. The result is a well detailed, refined and elegant composition.”

Architectural Steel Design Award

In arriving at the winner of the Architectural Award, the judging panel considered a number of criteria, including: overall architectural merit, innovation in the use of steel, efficient use of steel products, practicality in fabrication and erection, aesthetics and attention to detail, attention to corrosion protection and finally achievement of the client brief.

The short listed projects were:

- **Bark Design Studio**
Architects: Bark Design
- **45 Nerang Street**
Architects: Burling Brown & Partners
- **Brisbane River Ferry Terminals**
Architects: Cox Rayner Architects
- **Audi Centre**
Architects: Woods Bagot in conjunction with Audi AG Architects

Bark Design Studio Architects: Bark Design

Elevated as a modernist steel and glass pavilion in the Noosa Hinterland, Sunshine Coast based Bark Design have created a studio as the work environment for their emerging architectural practice.

Perched on four steel footings, the modular 20 metre long steel structure is enclosed with glazing on three sides, framing the broad views of the coastline from Noosa to Coolumb.

Steel was chosen for the structure specifically for its pure and simple expression, legibility of structure, speed



Brisbane River Ferry Terminals
Architects: Cox Rayner Architects

An equal joint winner of the Queensland Architectural Steel Design Award this project encompasses the development of five City Cat ferry terminals along the Brisbane River, which afford distinct identity to the city's river transport system.

The architecture of the terminals was determined from a "kit of parts" system which enabled them to accommodate the difficult challenge of both providing

a consistent and powerful identity while also offering particular responses to different site and context conditions.

The "kit of parts" system consists of a series of braced half-portals forming cantilevers which are erected in one piece together with their steel roof and soffit claddings.

The design maximises repetition in prefabrication and erection while also allowing for variations to occur in response to different sites without cost impact.

The judges commented "A series of well designed ferry terminals for the Brisbane City Council responding to a very demanding set of requirements."

The judges added that: "The structures sit comfortably within a diverse range of riverside environments and they are all well detailed, utilising steel in a variety of forms and finishes in a robust and confident manner."



Brisbane River Ferry Terminals

Other Project Team Members were:

- Engineer:** Maunsell
- Building Contractor:** Abigroup
- Steel Fabricator:** James Engineering, Forgacs, Toth Engineering
- Steel Detailer:** JD Dimensions, Graham Steedman,
- Main Coatings Supplier:** Dulux

Structural Engineering Steel Design Award

The Structural Engineering Design Award was judged on the following criteria: overall structural design concept, detailing for economy, practicality in fabrication and erection, innovation, design efficiency, attention to corrosion protection and achievement of client brief. Two projects were short listed this year:

- **The Warehouse**
Queensland Distribution Centre
Engineers: Whybird & Partners
- **Suncorp Stadium**
Engineers: Arup



Photography: Paul Bradshaw