



1998

LSAA

LIGHTWEIGHT STRUCTURES ASSOCIATION OF AUSTRALASIA

Design Awards

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LSAA 1998 Design Awards

Introduction

The Lightweight Structures Association of Australasia Inc. is again pleased to announce the winners and entrants to the second bi-annual LSAA Design Awards.

Encouraging is the modest, but noticeable growth in popularity of the Awards and the high general quality of entries.

LSAA acknowledges the financial support received from the sponsors of the Awards. These include Höcker Pty Ltd, Seaman Corporation, Ronstan International, Shade Structures Pacific, Indtex (Aust) Pty Ltd, Spacetech Pty Ltd and Wade Consulting Group.

Many thanks to my fellow jurors, Daryl Jackson and Bill Irwin who, through their expert contribution, made the decision making process a most pleasant event. Thanks also to Malcolm Barr who again organised the entire event in a thoroughly professional manner.

The Awards were presented by Daryl Jackson at the Congress Dinner of the LSA'98 International Congress (jointly organised by IASS, IEAust and LSAA) on 7 October 1998 in Sydney.

Vinzenz Sedlak
LSAA President

Judges Remarks

18 projects were entered in four categories: small, medium, large and special applications. In addition, first time awards were given for environmentally sustainable design and for student design (4 entries).

Three jurors composed of an architect, engineer, and lightweight structures expert/academic, assessed each project against five main criteria: design, construction/execution, appearance/aesthetics, function and overall effectiveness, as well as for environmental consideration. The final verdict was obtained by unanimous vote. Four Awards of Excellence and four Citations of Merit were awarded to executed projects as well as one Award of Excellence and one Citation of Merit to student designs.

This year's LSAA Design Awards consisted an imaginative exploration of lightweight structures: fabric membranes and steel masts, steel struts and cables, timber and steel gridshells, and curved steel spatial frames for a wide variety of applications.

The jury commends all entries - including those not awarded - for their quality of expert execution.



LSAA 1998 Design Awards – Awards for Excellence



Large Structures and Environmentally Sustainable Design

RAS Exhibition Halls
Ove Arup & Partners Pty Ltd

Large Structures

Wanneroo International Netball Stadium
Connell Wagner Pty Ltd



Small Structures

RAS Temporary Entry Structure
Shade Structures Pacific Pty Ltd

LSAA 1998 Design Awards – Citations of Merit



Medium Structures

RAS Showground Exhibition Hall Canopy
Permafab Pty Ltd

Special Applications

Waroona Aquatic Centre
Höcker Structures Australia Pty Ltd



Special Applications

Solar Dish Project for Ben Gurion University
Spacetech Pty Ltd

Small Structures

**Eureka Museum –
Mast, Cable Net & Membrane**
Spacetech Pty Ltd



LSAA 1998 Design Awards – Entries: Small Structures



Kings Park Lookout - Temporary Fabric Structure
Kenlow Pty Ltd



RAS - Temporary Entry Structure
Shade Structures Pacific Pty Ltd



CIBO Restaurant
Fabric Shelter Systems



**Eureka Museum - Mast, Cable Net
and Membrane**
Spacotech Pty Ltd

LSAA 1998 Design Awards – Entries: Medium Structures



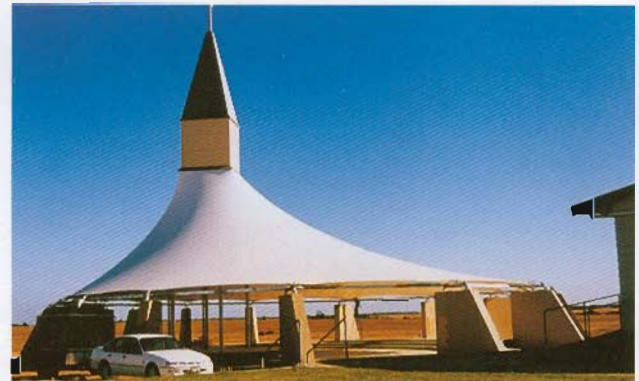
RAS Showground Exhibition Hall Canopy
Permafab Pty Ltd



Belconnen Markets
Space Structures Australia Pty Ltd



Jarvis Ford Used Vehicles
Tattersall Engineering Consultants Pty Ltd



Unity College - Auditorium & Steeple
Tattersall Engineering Consultants Pty Ltd



NSW Cricket Centre (Cricket Academy)
Robertson & Marks Architects Pty Ltd



Cairns City Council Administration Complex
Shade Structures Pacific Pty Ltd



LSAA 1998 Design Awards – Entries: Large Structures



RAS Exhibition Halls
Ove Arup & Partners Pty Ltd



KL International Airport Carpark Roofs
Permafab Pty Ltd



Wanneroo International Netball Stadium
Connell Wagner Pty Ltd



Melbourne Sports and Aquatic Centre
Connell Wagner Pty Ltd

Ocean World Guangzhou
Shade Structures Pacific Pty Ltd



LSAA 1998 Design Awards – Entries: Special



Waroona Aquatic Centre
Höcker Structures Australia Pty Ltd



Quickcover
Free Standing Structures Pty Ltd



Ben Gurion University Solar Dish
Spacotech Pty Ltd

*The LSAA wishes to
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LSAA 1998 Design Awards – Project Team Members

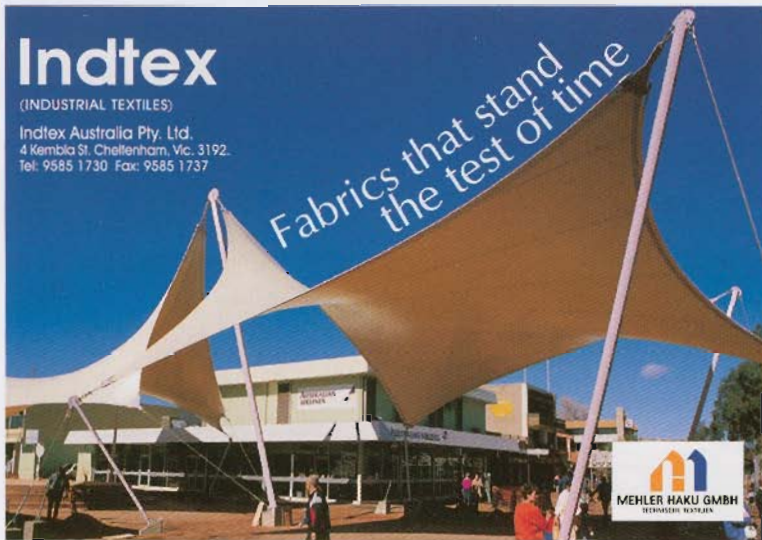
PROJECT	ARCHITECT	ENGINEER	STRUCTURAL CONSULTANT	SPECIALIST CONTRACTOR
SMALL STRUCTURES				
Kings Park Lookout - Temporary Fabric Structures	Kenlow P/L	Ove Arup & Partners P/L	Kenlow P/L	Future Engineering & Communications P/L
CIBO Restaurant	Warwick Bell / Graham Griffin	Wade Consulting Group P/L	Aaron Fertjowski	Fabric Shelter Systems
RAS - Entry Structures	Denton Corker Marshall P/L	Wade Consulting Group P/L	-	Shade Structures Pacific P/L
Eureka Museum - Mast, Cable Net and Membrane	Cox Sanderson Ness P/L	Spacotech P/L (Ove Arup Consultant to Spacotech)	Spacotech P/L	Hooker Cockram P/L
MEDIUM STRUCTURES				
RAS Showground Exhibition Hall Canopy	Anchor Mortlock & Woolley	Ove Arup & Partners P/L	Bond James Norrie Marsden P/L	Permafab P/L / Thiess Contractors P/L
Belconnen Markets	Bryan R. Dowling & Associates P/L	Buro E Dollansky	Buro E Dollansky	Space Structures Australia P/L
NSW Cricket Centre (Cricket Academy)	Robertson & Marks Architects P/L	Rooney & Bye (Australia) P/L	Wade Consulting Group P/L	Norak Constructions P/L
Jarvis Ford Used Vehicles	Russell & Yelland P/L	Tattersall Engineering Consultants P/L	Tattersall Engineering Consultants P/L	Tecraft P/L
Unity College Auditorium & Steeple	Geoff Nairn Architects	Tattersall Engineering Consultants P/L	Tattersall Engineering Consultants P/L	Tecraft P/L
Cairns City Council Administration Complex	Peddle Thorp Cleland P/L	Osborn Lane	-	Shade Structures Pacific P/L & Thiess Contractors P/L
LARGE STRUCTURES				
KL International Airport Short Term Carpark Roofs	Akidimensi	Chi & Associates P/L	Bond James Norrie Marsden P/L	Permafab P/L
RAS Exhibition Halls, New Sydney Showground	Anchor Mortlock & Woolley	Ove Arup & Partners P/L	-	Thiess Contractors P/L
Wanneroo International Netball Stadium	Cox Howlett & Bailey Architects & Planners	Connell Wagner P/L	-	BGC P/L
Melbourne Sports and Aquatic Centre	Peddle Thorp Architects P/L	Connell Wagner P/L	-	Boulderstone Hornibrook P/L
Ocean World Guangzhou	Living Ocean International	Wade Consulting Group P/L	-	Shade Structures Pacific P/L & Ocean World Guangzhou
SPECIAL APPLICATIONS				
Waroona Aquatic Centre	Max Hannell	Höcker Structures Australia P/L	Höcker Structures Australia P/L	Höcker Structures Australia P/L
Quickcover	-	Wade Consulting Group P/L	Wade Consulting Group P/L	Free Standing Structures P/L
Solar Dish Project for Ben Gurion University	Spacotech P/L	Spacotech P/L	-	Spacotech P/L

LSAA
LIGHTWEIGHT STRUCTURES ASSOCIATION OF AUSTRALIA

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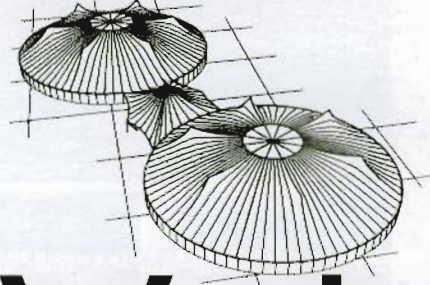
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Architectural Rigging Systems

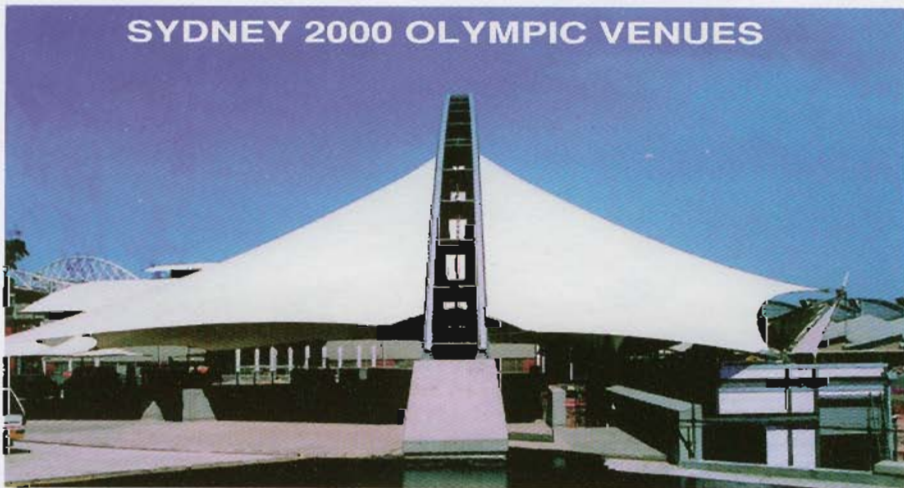

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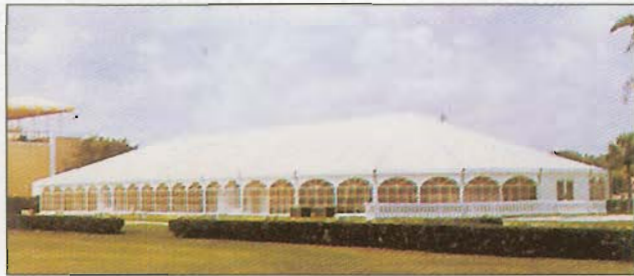
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