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Institute of
Architects

Student Design Project

Do you want hands-on experience with design and construction techniques? Exploring the theme of Feather, teams will design and build three elements for the 2016 SA Architecture Awards Dinner.

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Contact your University SONA representative to get involved!



South Australian
Architecture Awards
2016

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PROJECT
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Student Design Project

The Awards Taskforce have designed three projects for students at both Architecture Schools to design and build elements for the 2016 SA Architecture Awards Dinner. The three projects will utilise a common materiality of ply and must respond to the theme of Feather.

This is a great opportunity for students to:

- Get hand-on experience with design and construction techniques
- Have your design on display at the State Architecture Awards Dinner attended by over 400 architects and industry professionals
- Receive complimentary tickets for SONA members to attend the Dinner, including a three-course dinner, drinks, live entertainment and presentation of the 2016 State Architecture Award winners
- Network and build relationships with professional architects
- Represent your University as an ambassador for the future of architecture and work with architecture students across Universities
- Get recognised in the main Awards presentation by the MCs

2016 State Architecture Awards Presentation Dinner

The SA Architecture Awards Dinner is the annual event that brings our profession together to celebrate architects and architecture. The night uniquely showcases excellence in architecture across South Australia, offering the pinnacle of recognition while creating a wonderful environment in which to network with peers and allied professionals.

Date and time: Saturday 2 July, 6:00pm - 11:00pm

Location: Adelaide Oval - William Magarey Room
Memorial Drive, Adelaide

Attendees: 400-450 attendees including VIP's, architects, their clients and a range of other industry design and construction professionals



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Design Brief /1

Design and build a structure/series of structures that engage with and help to shape the pre-drinks and exhibition space of the William Magarey Room (floor plan enclosed).

Requirements

- The design must respond to theme of Feather.
- 77 x A1 Awards exhibition boards will be displayed in the pre-function space, on supplied metal easels. Thought should be given to how the design acts as a backdrop or directly interacts with the boards.
- The design will incorporate lighting to illuminate the exhibition boards.
- The design may be modular and must be easily transported between the workshop and the venue, and assembled on site. The base module may allow for a sculptural effect when combined.
- The structure/s must be self supporting or supported when modules are linked.
- It is essential all construction must be secure and safe with no risk of collapse and fire / electrical issues.
- The team must consider an alternative use for the modules or recycling / disposal of the materials after the event. A minimum of 4 people must be available to dismantle the design on site on Sunday 3 July.

Materials

- 15 sheets (size; 2400mm X 900mm X 5mm) of Hoop Pine A-C sheets will be supplied for the design
- Lighting supplied by Inlite
- Timber Fixings supplied by Mitek

Team Structure

One (1) group of 10 people, from a combination of both Universities



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Design Brief /2

Design and build four (4) structures to provide a platform for a fun, interactive game for the guests of the Awards Presentation Dinner.

The four 'structures' will be positioned in a central corridor of the main dining area (floor plan enclosed). The Awards Taskforce will be judging each of the games during the event and a winner will be announced.

Requirements

- The design must respond to theme of Feather.
- Each platform structure will need 112 game pieces.
- The game needs to encourage interaction between guests from a group of 4 tables. Each attendee will be given one (1) game piece at their table setting.
- Teams may want to include game instructions on the structure
- Teams should consider how the structure will lead to different design outcomes and multiple versions throughout the event
- The platform must be self supporting and stable once game pieces are added.
- Each platform must incorporate lighting.
- The design must be easily transported between the workshop and the venue, and assembled on site.
- It is essential all construction must be secure and safe with no risk of collapse and fire / electrical issues.
- The team must consider an alternative use for the modules or recycling / disposal of the materials after the event. A minimum of 1 person must be available to dismantle the design on site on Sunday 3 July.

Materials

- 3 sheets (size; 2400mm X 900mm X 5mm) of Hoop Pine A-C sheets will be supplied for the design
- Lighting supplied by Inlite
- Timber Fixings fixings supplied by Mitek

Team Structure

Four (4) teams of two (2) people, from a combination of both Universities.



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Design Brief /3

Design and build one (1) lectern for the speakers on the main stage the Awards Presentation Dinner.

Requirements

- The design must respond to theme of Feather.
- The design must incorporate sufficient lighting for speakers to read speech notes
- The design must allow space for microphones, cabling and a power source
- The design must be easily transported between the workshop and the venue, and assembled on site.
- It is essential all construction must be secure and safe with no risk of collapse and fire / electrical issues.
- The team must consider an alternative use for the modules or recycling / disposal of the materials after the event. A minimum of 1 person must be available to dismantle the design on site on Sunday 3 July.
- The standard lectern design requirements are attached for reference. Consultation is required with AV Plus for power and data.

Materials

- 3 sheets (size; 2400mm X 900mm X 5mm) of Hoop Pine A-C sheets will be supplied for the design
- Lighting supplied by Inlite
- Timber Fixings fixings supplied by Mitek

Team Structure

One (1) group of two (2) people, from a combination of both Universities



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Project Delivery

Team Selection

Places are available for 20 SONA members to get involved.

It's free to participate, all you have to do is register your interest with your University SONA representative by Thursday 12 May.

University of Adelaide, Chantelle Fry adelaide@sona.com.au

University of SA, Jordan Bails unisa@sona.com.au

Timeframe

The project will begin with a briefing for all participants to meet at the venue with the project sponsors and the Awards Taskforce Members. The Awards Taskforce Members will provide mentoring advice and arrange two meetings throughout the design and construction process. Teams will meet with sponsors at their showroom to select the lighting/timber fixings for their final design.

Registrations Close	Thursday 12 May
Teams Selected	Friday 13 May
Project Briefing	Monday 16 May
Design Phase	16 – 31 May
Materials Selected	1 – 2 June by 5pm
Delivery of Materials (AAD Workshop)	Thursday 16 June
Delivery of CAD/Digital files	Thursday 16 June
Construction (AAD Workshop)	20 – 22 June
Assembly / Light Fabrication (Studio)	23 June – 1 July
Delivery / Install	Saturday 2 July 10am
Dismantle	Sunday 3 July 10am

Workshop Location

University of SA – City West Campus
Art, Architecture and Design Workshop
Dorrit Black Building DB3-07
David Gordon, Technical Team Leader

Important Information

Design and proof-of-principle models should be well and truly complete before the CNC cutting/machining phase. Team must provide accurate CAD files to Technical staff prior to the dedicated "Construction" time. All projects should be cut on Laser cutter and CNC router (detail dependent). Dedicated Technical staff will be available during the design and workshop phase. Selected materials will be delivered to the AAD workshop. Some sheet materials (plywood) will need further cutting down by Technical Staff to fit laser cutters.

About our Sponsors

Our Sponsors are proud to support this initiative for students to collaborate with the architecture profession and become actively involved in the annual South Australian Architecture Awards Presentation Dinner.



Austral Plywoods is Australia's leading manufacturer of premium grade plywood. Based in Brisbane, Queensland, and operating since 1925, we have earned a reputation for high quality products and excellent customer service.



Inlite serves Australia's architectural design and engineering community with detailed lighting solutions in an environment where ever increasing demands on lighting efficiency, control, light quality, and budget compliance are paramount to the successful implementation of any design brief.



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AV Plus is an exciting new Audio Visual company that brings together industry professionals who have a passion for delivering high quality event experiences. In addition to providing creative technical event solutions, we provide a variety of video production services.



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Contact Information

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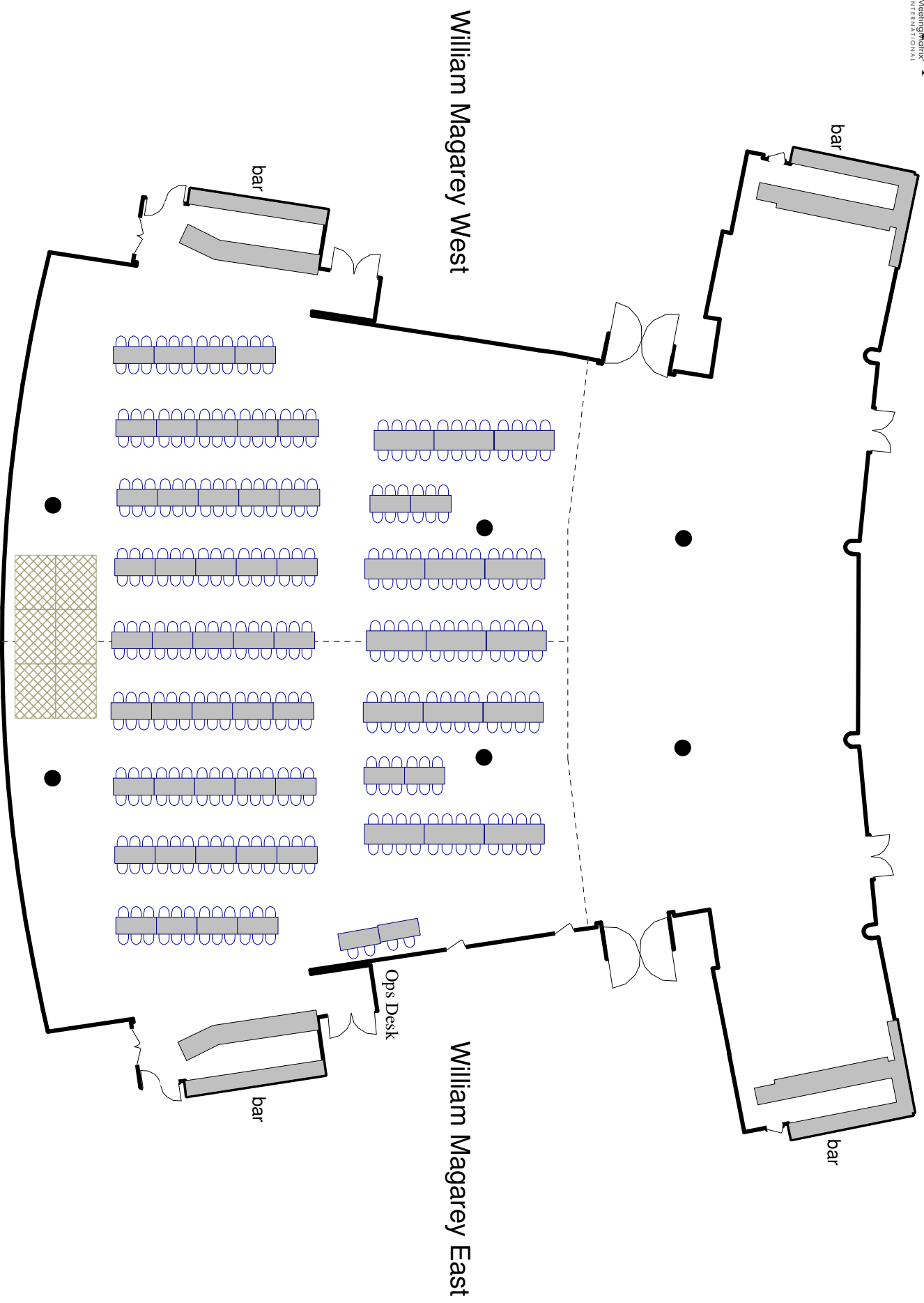
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Lectern Design Guidelines

Below is a diagram of a basic standard lectern to give you an idea of the standard sizes. You can certainly build something larger as long as the lectern top is similar height and size to the standard.



You will need to design some lighting for the lectern top to ensure that speakers can read their notes.

We also need to run two microphone cables to the top section of the lectern to attach the microphones. Please allow a path for the cables in your design.

The cables will terminate at a connector shown below. We will also require 30mm behind the connector to connect the microphone cables.



The lectern microphone connectors should be placed approximately as follows:

