

A photograph of a modern building at dusk or night. The building features a facade with a grid of rectangular panels in various shades of beige and brown. A prominent feature is a large, curved, metallic-looking structure on the left side. The building is illuminated from within, casting a warm, yellow glow. A glass entrance is visible on the right, and a set of stairs leads up to a higher level. The sky is a deep blue, suggesting twilight.

# ARCHITECTURE



JACKSON TEECE

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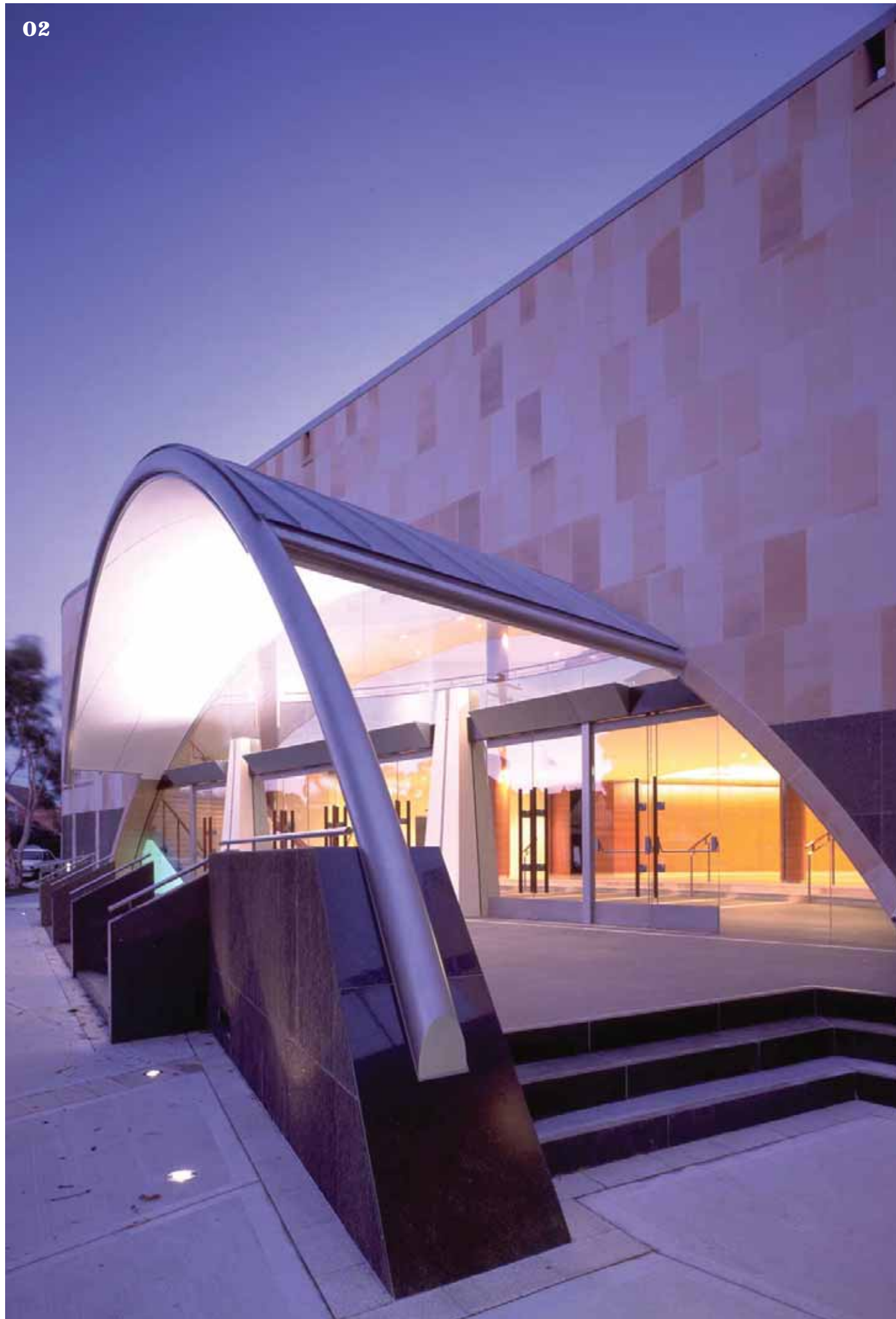
The role of Architecture in our society is changing.

As our lives become more complex and the impact our activities have on the natural environment becomes more evident, the demands we place on our buildings and structures increases.

We believe that buildings, apart from being beautiful, should respond to the issues we face in our daily lives and react in a positive way. Buildings need to be flexible – responding to change more easily is critical for all types of buildings, to extend the life of resources and reduce costs involved with change.

Buildings should use less energy and water and natural resources in construction, produce less waste and promote awareness of how buildings operate efficiently and in harmony with the environment.

Our main objective is to design energy-efficient, functional, flexible and comfortable environments which are a joy to occupy.



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Architecture has always been a combination of art and engineering and, as such, buildings should inspire and inform while functionally satisfying the requirements of our clients within the framework of site and budget constraints.

The objective of this outline is to present architecture and the issues and themes we are currently focusing on in our daily work.

#### **Diversity**

The range of brochures which complements this general architectural overview of our practice deals with our specific areas of expertise, such as:

- Urban Design
- Infrastructure
- 3d Visualisation
- Residential
- Aged Care
- Education
- Tourism
- Interiors
- Heritage

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#### Old buildings – New lives

Many buildings in our cities have become poor performers for owners and occupants due to the effects of age and technological change.

Whether it is a full heritage repair or refurbishment or the adaptive reuse of an existing building to meet changing market conditions, we have extensive skills in understanding the issues of building renewal. Our experience in refurbishing these types of buildings has resulted in projects which cost-effectively meet higher PCA and Green Star Ratings, together with sophisticated architectural results. Examples include:

- 39 Hunter Street, Sydney - Repositioning of a C grade Heritage listed commercial building to a 6 Star Green Star rating and premium office rental.
- Customs House, Sydney - Adaptive reuse of a major public building (now City of Sydney library).
- Royal Edward Victualling Yards, Pyrmont - Refurbishment and conversion to commercial use (now Channel 7).

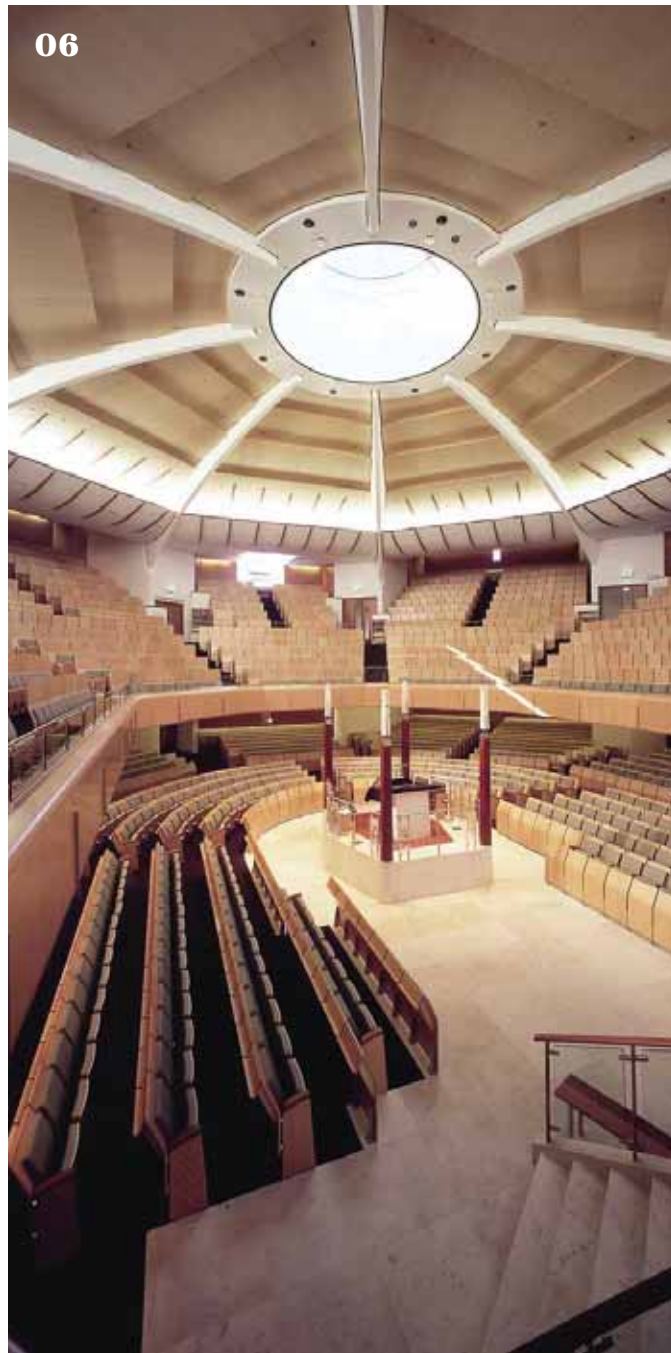
#### Facades as Filters

As part of our design exploration to make buildings more environmentally sustainable, our work on the facades of buildings focuses on the concept of 'Permeable Skin'.

We engineer the facades of a building to be an active filter of the environment, providing thermal control, ventilation and management of natural daylight to allow for a personally controlled internal environment.

We delight in the architectural opportunities which arise from solving the acoustic, visual privacy, environmental and urban design issues for each project.

The residential building shown in the illustration above is located in sub-tropical Brisbane. A lacework type screen, provided to allow for visual privacy and filtered views over a busy city arterial road, acts as the identity for the project, representing a merger of the functional and creative response to the building's context.



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#### **The building's context**

We believe every building must relate to and add positively to its surroundings - whether urban, suburban, coastal or rural. Architects must recognise the importance of analysing and responding to the context as an integral and initial part of the design process.

#### **Context**

Buildings are designed within various contexts – social, physical, cultural and financial. We believe that buildings must provide positive contributions to the social fabric and their physical surroundings.

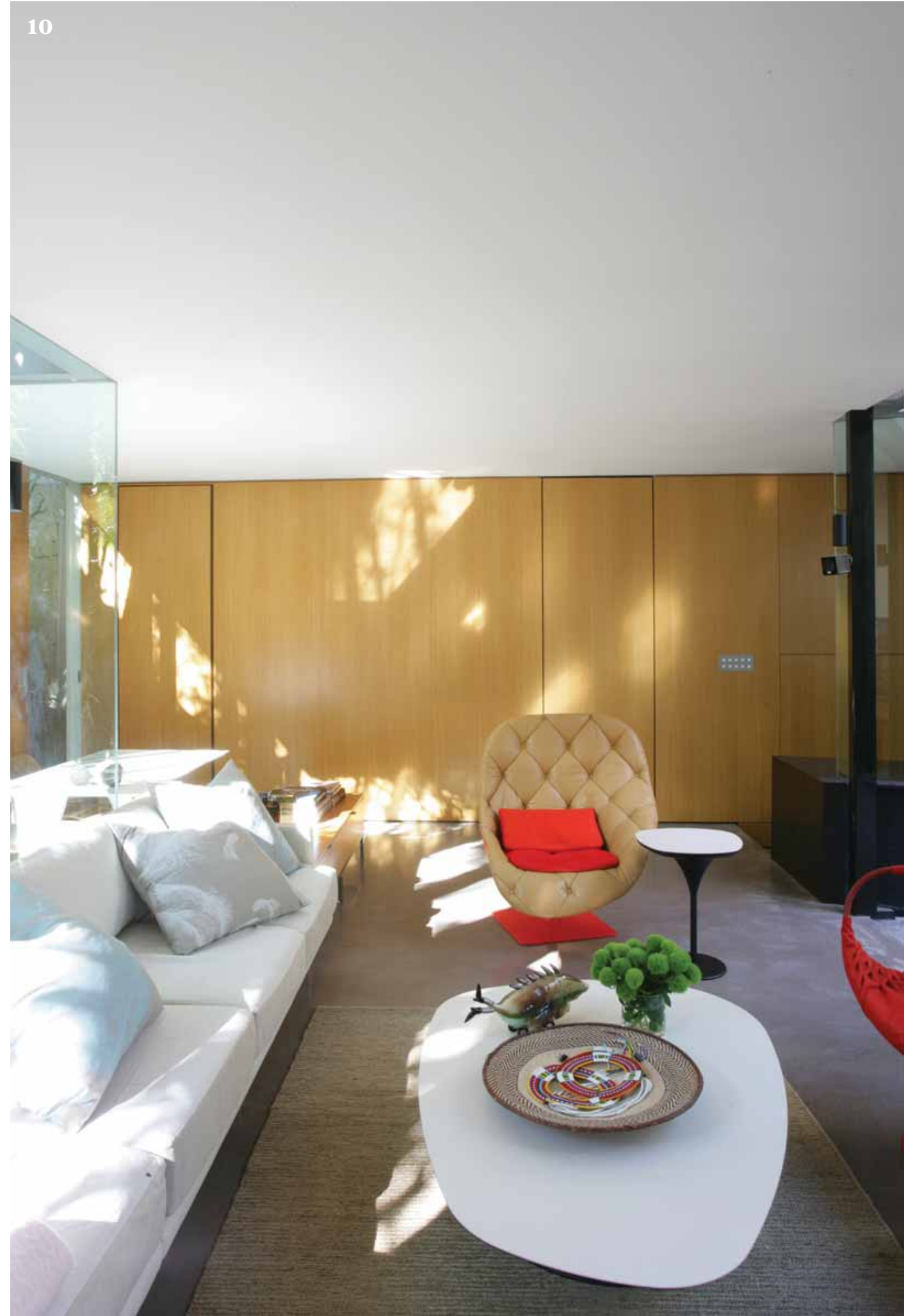
Of course, their financial context is governed by their commercial viability. We take project budgets seriously and work towards achieving outcomes which are affordable, to suit each client's purse.

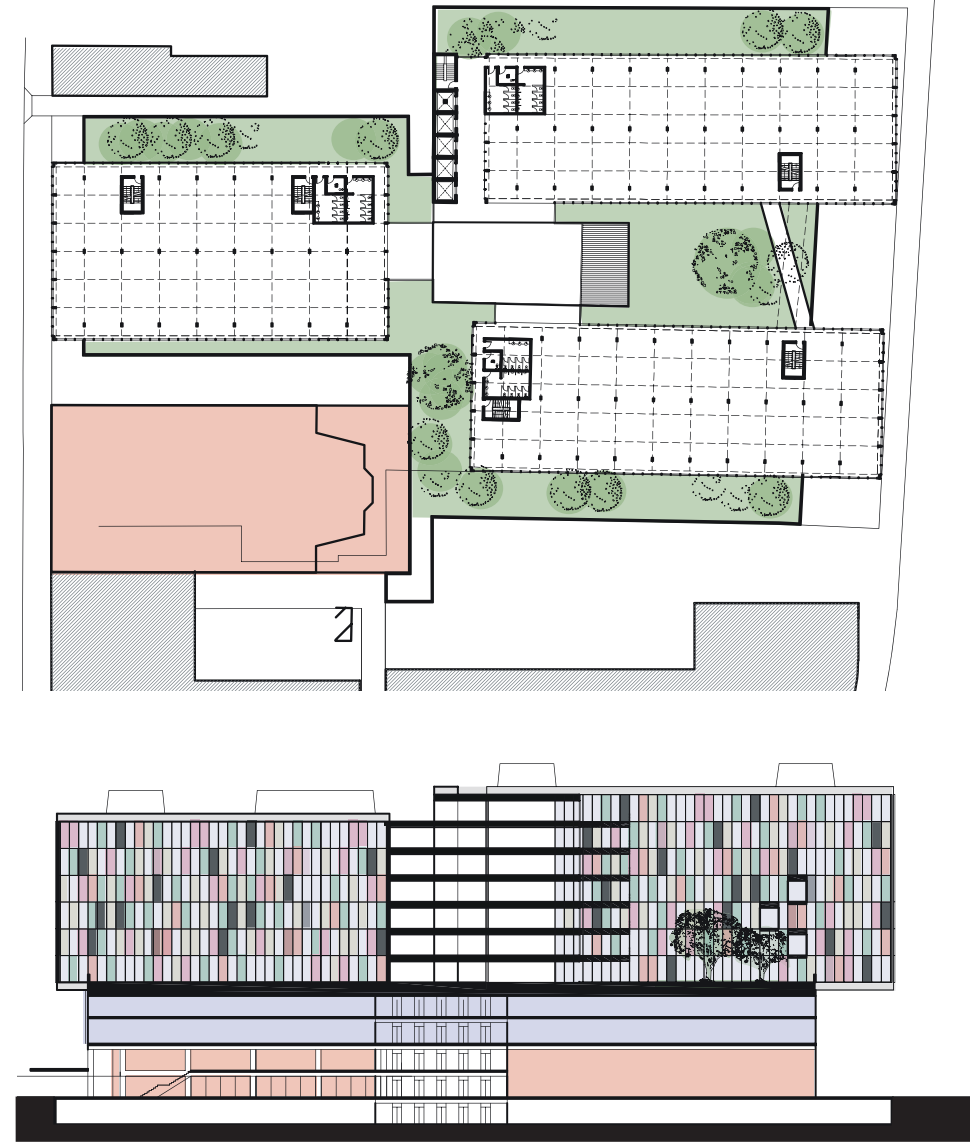
Our ability to team architects, urban designers and interior designers together on projects, enables us to make the outcomes well coordinated and resolved and to create projects within a positive, well-considered whole building language.

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### Ecologically Sustainable Design

Buildings have to perform better in every regard in order to be sustainable.

Our buildings are designed to minimise the usage of energy, resources in construction, water and imposition on services such as sewer, stormwater and waste disposal. This is done not only to reduce our carbon footprint, but equally as importantly, to reduce ongoing running costs.

The considerable amount of energy embodied in buildings, once complete, means that their longevity is of great importance. The concept of 'long life – loose fit' is a great tool for longevity; it means embodied resources are more easily re-used, obviating the need to demolish and re-build.

Many of our staff are Green Star professionals and are constantly updating their skills in this evolving area. Jackson Teece is a member of The Green Building Council of Australia.

### Long Life - Loose Fit

Flexibility in spatial and services design is critical to extending the lives of buildings. Change is inevitable – we encourage consideration of a full consultant team approach to providing ways for our work to be more easily adapted to other future uses. This applies to the range of considerations from the smallest detail to the development of master plans for educational and commercial facilities. Examples include:

- Institute of Languages – designed to be either a teaching facility or an administration building with minimal disruption in conversion
- Montefiore Aged Care – room designs accommodate the flexibility of nursing care, as well as enable ease of expansion through flexible wall panelling
- 39 Hunter Street – removable raised floor systems not only complement the heritage agenda but allow easy access to services, individual climate control and quick spatial re-planning

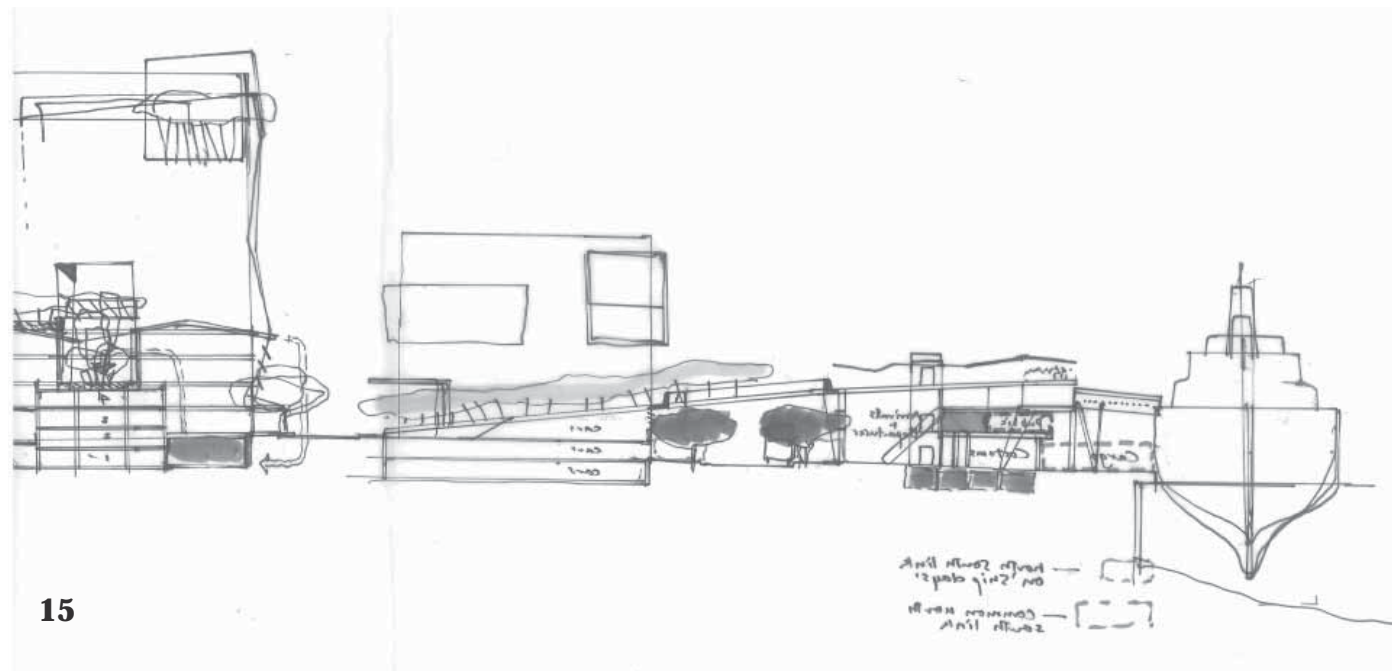
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**Maintaining a capable staff**

We have actively recruited a staff profile which has a higher-than-usual ratio of senior, experienced people with specialist skills. This enables us to provide excellent, informed service for each of the sectors mentioned above.

We facilitate regular training of staff members via technical seminars, ESD skills training, and consultation/communication strategies. We hold in-house reviews of projects, enabling each project to gain the benefit of the experience of a wider group and each project architect to quickly learn from the experience of others.

Under the direction of Damian Barker, Design Director, our architectural teams take into consideration and address the diverse challenges presented to them in each project.

We encourage our designers to:

- develop design responses that recognise both the urban, cultural and financial context of the project
- initiate a working partnership with our client where ideas are expressed and discussed easily through workshop-style design sessions
- forge strong links with all relevant approval authorities and stakeholders
- develop and maintain partnerships with specialist skill groups to increase our ability to offer a broader service and increase our capacity to resolve complex issues
- provide a diverse set of skills within the practice to allow resolution of the most challenging briefs
- use digital technology, such as advanced 3D modelling tools, to investigate, test, analyse and present our designs.

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#### **Multi-Disciplinary approach**

As a practice we have capabilities across a range of disciplines ranging from urban design / master planning, infrastructure, interiors, heritage and architecture.

Our projects often combine two or more of our fields of expertise enabling our senior staff to work closely together over all stages of a project. This cross-fusion of passion and ideas leads to new ways of seeing a project's conceptual possibilities, invigorating the project as well as our staff.

We work with both private and public clients in most sectors to achieve quality outcomes in the most efficient manner possible.

For more information on any of the projects in this document, or to discuss a business opportunity, please contact Damian Barker (Design Director) or Ian Brodie (Director)



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01 Southpoint, southeast corner  
Brisbane, QLD

02 Central Synagogue, Bondi Junction  
Sydney, NSW

03 Sydney Ports Corporation  
Port Botany Marine Operations Centre  
Port Botany, NSW

04 Scott Street Apartments  
Kangaroo Point, Brisbane, QLD

05 Institute of Languages Building  
The University of New South Wales

06 Central Synagogue, Bondi Junction  
Sydney, NSW

07 Thirlmere Rail Heritage Centre & Museum  
Thirlmere, NSW

08 Institute of Languages Building  
The University of New South Wales

09 39 Hunter Street Refurbishment  
Sydney, NSW

10 Fitzroy Street Residence  
Surry Hills, NSW

11 Commercial Retail Development  
Homebush, NSW

12 Commercial Retail Development  
Homebush, NSW

13 Wharf 8 Overseas Passenger Terminal  
Darling Harbour, NSW

14 Commercial Building  
Charlestown, NSW

15 Barangaroo Design Competition  
Darling Harbour, NSW

16 Thirlmere Rail Heritage Centre & Museum  
Thirlmere, NSW



