CITY OF BELMONT
Belmont Hub

213 Wright Street, Cloverdale
Western Australia

LIBRARY & MUSEUM

BELMONT HUB – A BUILDING
THAT EMBODIES A COMMITMENT
TO LEARNING AND INNOVATION.

MAYOR'S MESSAGE

Belmont Hub has been many years in the making, beginning with a bold vision developed by the City and Council after listening to our community, then lots of work over many years to bring this to fruition including advocacy and lobbying for funding.

It is the highlight of the Faulkner Park Precinct anchoring the precinct as the centre of Belmont, creating a vibrant and active place that all members of our community can enjoy and participate in.

Every level of this building provides a different perspective and Bollig Design Group the architects have done a tremendous job on the design of this incredible building interpreting the requirements of the City to cater for the needs of our community into the future.

The building achieved a 5 Star Green Star Design Review, and with its numerous active and passive design elements, this will ensure it is a cost effective building to maintain.

After grants, the Belmont Hub is funded through the City of Belmont's reserves built up through sound financial management over many years, and a loan taken out during a time of historically low interest rates.

The City is grateful to have received a $9.6 Million Australian Government grant and $3.8 Million Lotterywest grant.

The construction of Belmont Hub is due to be delivered on budget which is a tremendous result.

Belmont Hub will enable our whole community to engage with the past through the Belmont Museum and into the future with the new Ruth Faulkner Library.

It is about our past - our heritage - but also about embracing the digital future of our current and future generations.

**City of Belmont Mayor
Cr Phil Marks**
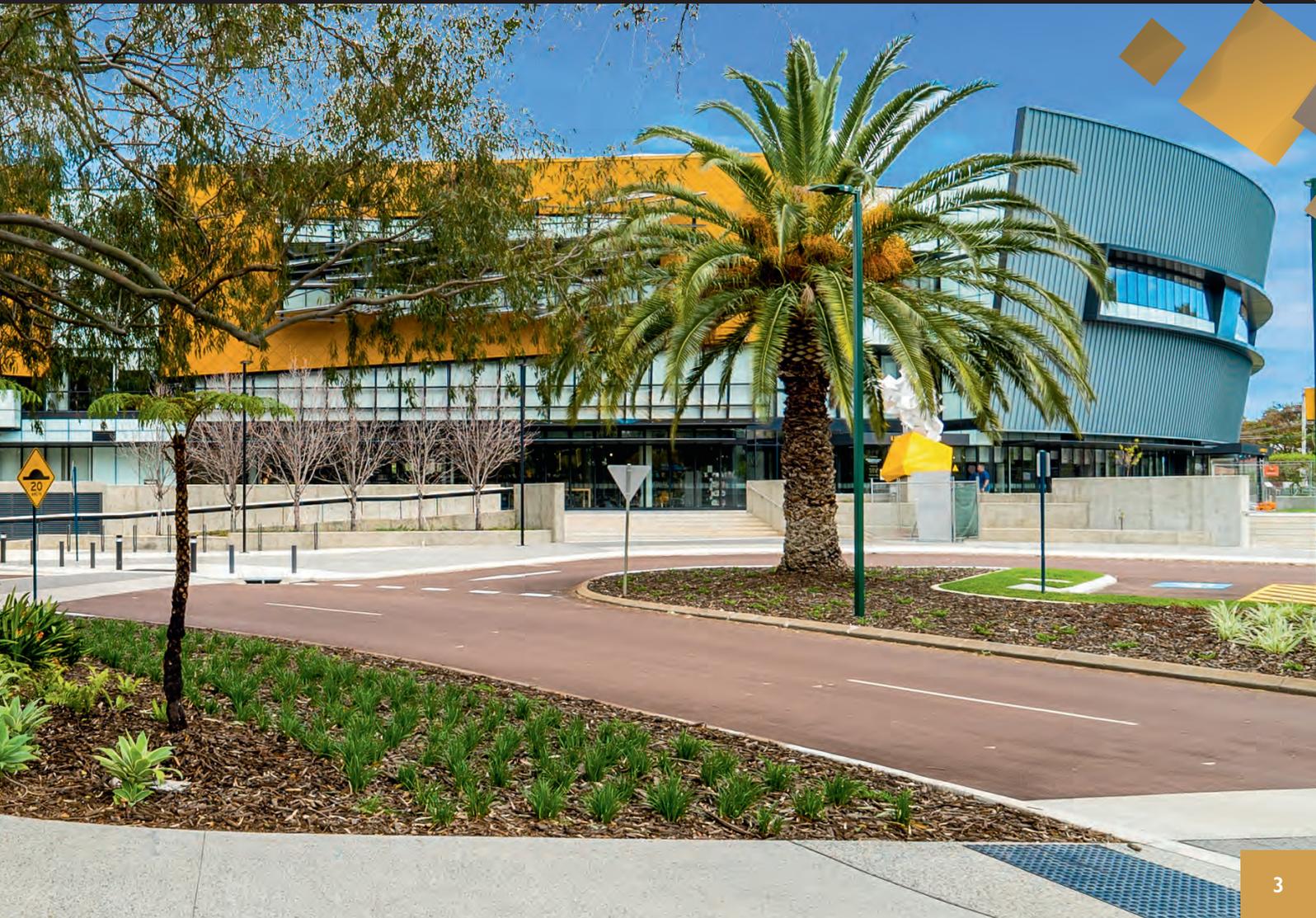
Located in the heart of the Faulkner Park Civic Precinct, Belmont Hub is a modern multi-purpose, cross-generational community building with flexible and adaptable spaces.

The building features a library over two levels, a multimedia recording studio, seniors hub, state-of-the-art museum, office space for community service organisation providers and much more.

This is the largest construction project the City of Belmont has undertaken to date in its history and demonstrates Council's commitment to its community.

The architecturally striking building is a vision created by Bollig Design Group and delivered by PACT Construction who successfully overcame a number of challenges during the construction phase.

The design of this community asset meets the requirements of the City to cater for the needs of our community into the future.
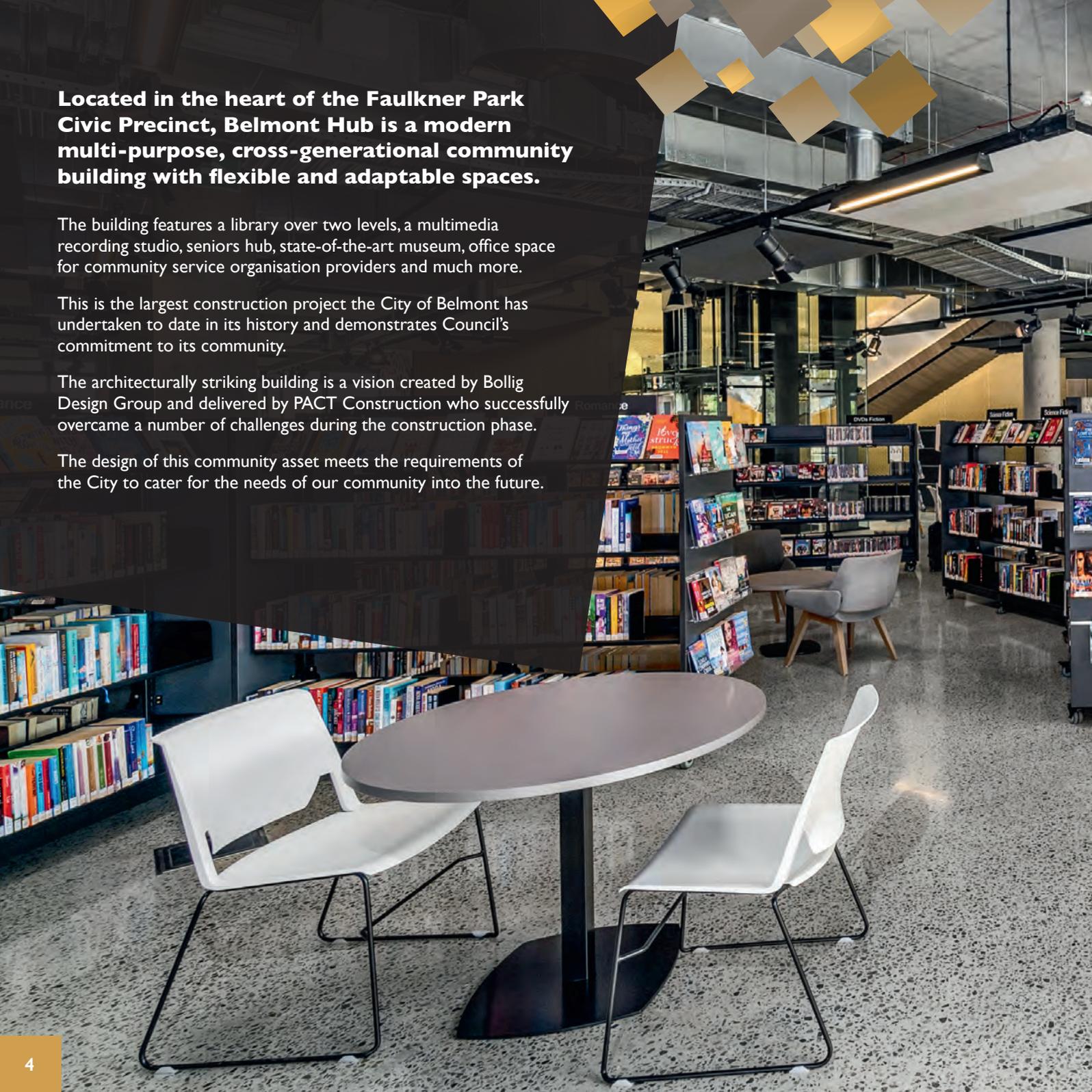
Ruth Faulkner Library

- FE Technology Automated Returns Sorter using RFID technology is the first of its kind in Western Australia.
- 24/7 Automated Returns Chute.
- Dedicated children's area with secure outdoor activity space.
- Parenting Room.
- Library Shop.

FIRST FLOOR:

- Digital hub including collaborative booths with 32 inch displays.
- Innovation Lab Creative Space.
- Multimedia Recording Studio.
- Film Screening Room.

THE ARTIST'S PLACE:

- Showcase of new and emerging local artists.
- Artist-in-residence program.

DEMONSTRATION KITCHEN:

- State-of-the-art kitchen opens out to an edible garden in the Plaza.
- 5 induction cooking stations.
- Live feed video capability.

EVENTS ROOM:

- Adaptable activities room.
- Retractable seating for 80.

Low maintenance, hard wearing polished concrete floors, high ceiling spaces with exposed services and suspended acoustic ceiling panels feature throughout to create an industrial aesthetic. This reflects the City of Belmont's unique mix of residential, industrial and commercial character.

The building's core is built from concrete slabs and structural steel frames, covered by contrasting façade elements that create varied textures.

Internally, the large central void and exposed bulkheads give a sense of space over the two main levels and basement car park. The glass-walled observation lift in an open shaft is a feature of the internal space.

BUILDING FEATURES:

- Entire building sits on a 500mm thick in-situ concrete raft slab.

- Every major piece of steel is bespoke and either curved or cambered.

- A total of approximately 280 tonne of structural steel installed.

- Façade combines Curtain walling, Kingspan cladding, shingles and aluminium panels all slanted at different angles around the building.

- Kingspan aluminium shingles on all sides of the building are a feature façade element and are an Australian first.

- Each gold 500mm x 500mm shingle was fixed individually, making the installation of the 1,000 shingles a time consuming process. On average, only 15 tiles could be fixed in any one day.

- Lift supported by a 20 tonne structural steel frame and sits within exposed space allowing view of beams and mechanics of equipment.

- Mix of in-situ beams, post-tension beams, pre-tension slabs and a polished concrete topping utilised.

- Floating staircase and central skylight – veneer clad stairs have no supporting columns or beams underneath, and skylight sits over central void running down the entire central spine of building.

- Floor finishes include exposed aggregate polished concrete, vinyl flooring and carpet tiles.

Belmont Museum

- State-of-the-art Museum.
- Climate controlled exhibitions.
- Storage and specialist restoration facility.
- Interactive display and exhibition space.
- Local History Room features original Belmont Park Road Board.
- Noongar Seasons and constellation ceiling projection.

- Acknowledgement to Country.
- Interactive aeroplane exhibition capturing stories of arrival at Perth Airport.
- Riverbank projection with interactive display.
- Rivervale Congregational Church featured section restored.

Plaza:

- Connects existing Civic Centre (City's administration building) with Belmont Hub.
- Incorporates urban orchard, edible garden, transplanted mature trees and seasonal plantings.
- Space designed to facilitate flexible community uses.

Seniors Hub

- New home of Belmont Senior Citizens Centre.
- Flexible activity rooms (shared).
- Central kitchen.
- Ample storage.

- Lounge with pool table.
- Hairdresser salon.
- Bingo cashier and office.
- Gopher charging outlets.

Community Service Organisations

Dedicated and flexible office space for community service organisation providers, thanks to Lotterywest with:

◆ 12 tenancies.
◆ Multiple communal breakout spaces.
◆ Communal waiting and reception area.
◆ Four meeting rooms.
◆ Digital concierge system.
◆ Crèche.

Environmentally Sustainable Design

◆ Designed to achieve a 5 Star Green Star Design Review rating.

◆ Features numerous active and passive design elements to minimise environmental impacts while optimising occupant comfort and well-being.

◆ Natural ventilation system maximises use of fresh air during the day and night purging of hot air.

◆ 100kW rooftop solar photovoltaic system for offset power generation.

◆ Integrated BMS controls monitoring power and energy usage.

◆ LED lighting controlled via intelligent programmable lighting control system.

◆ Automatic window and blind adjustment system for temperature regulation.

Public Artwork

Paths of Many by Stuart Green - internal and external public artwork with the internal artwork suspended in the ground floor entry void. The artwork explores the idea of community: made out of a cloud-like shape to represent the journey of many individual units, coming together in random formation signifying the democratic notion of community.

Ruth Faulkner at the construction site of the library in 1970.

Ruth Faulkner inside the original library in the 1990s.

Who was Ruth Faulkner?

The City's Library was named after Ruth Faulkner, Belmont's first female Councillor who was instrumental in bringing about the decision to invest in building a library.

Ruth Faulkner was the first woman elected to the Shire of Belmont in 1968 and during her term (1968-1971) became Deputy Shire President.

When first built, the original Ruth Faulkner Library was the biggest municipal library in Western Australia and it was the first public library in the State to install a computerised database.

During its construction, Mrs Faulkner also urged the construction of the glass-wall which created a light-filled building.
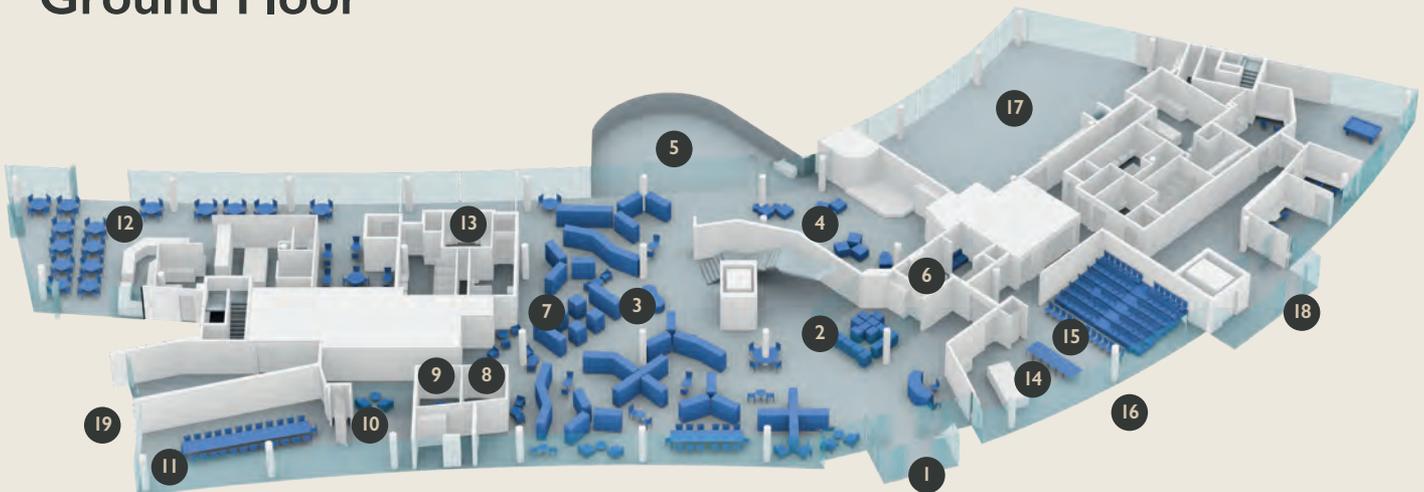
CITY OF BELMONT
Belmont Hub 2020 Floor Plan

Ground Floor

1. Library and Museum Entry
2. Automated Returns Sorter
3. Library
4. Dedicated Children's Area
5. Outdoor Activity Space
6. Parenting Room
7. Shop
8. Meeting Room
9. Meeting Room
10. Meeting Room
11. Meeting Room
12. Café
13. Changing Places
14. Demonstration Kitchen
15. Events Room
16. Plaza and Edible Garden
17. Seniors Hub
18. Plaza Entry
19. Wright Street Entry

First Floor
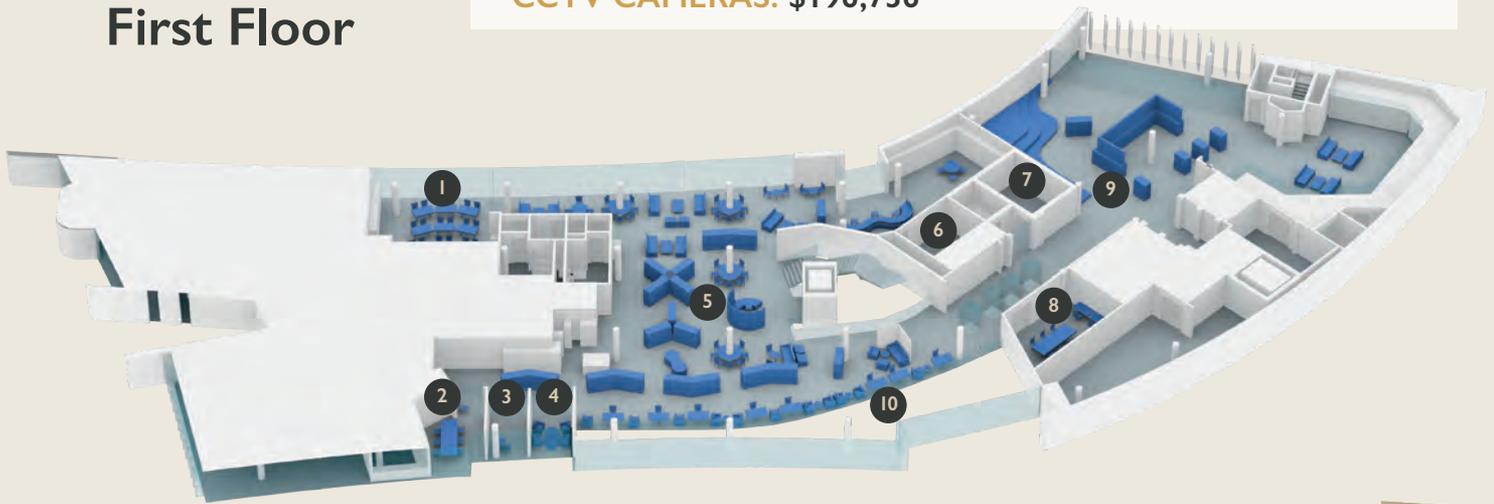
1. Innovation Lab
2. Meeting Room
3. Quiet Room
4. Digi Hub with Bub
5. Library with Digital Hub
6. Film Screening Room
7. Multimedia Recording Studio
8. Local History Room
9. Museum
10. Paths of Many Public Art

Second Floor - Community Service Level

1	Creche	**4**	Meeting Room	**7**	Central Communal Facilities
2	Meeting Room	**5**	Meeting Room	**T**	Tenancy
3	Reception	**6**	Meeting Room		

Proudly supported by:

Australian Government
BUILDING OUR FUTURE

lotterywest

Major Project Partners:

Architect: Bollig Design Group
Builder: PACT Construction Pty Ltd
Quantity Surveyor: Ralph & Beattie Bosworth Pty Ltd
Building Surveyor: Ian Lush & Associates
Landscape: Blake Willis Landscape Architects Pty Ltd
Mechanical: DSA Pty Ltd
Green Star Accreditation Certification:
Full Circle Design Services Pty Ltd
Environmental: Coffey Services Australia Pty Ltd
Ecological Sustainable Design: CADDS Energy
Civil & Structural: BPA Engineering Pty Ltd
Hydraulic: Volume Design Group Pty Ltd
Electrical: BCA Consultants Pty Ltd

Acoustics: Herring Storer Acoustics
Fire Engineering: Saraceni Fire Engineering Group
Geotechnical Engineering: Golder Associates Pty Ltd
Independent Commissioning Agent:
Engineering Consultants Australia Pty Ltd
Museum Exhibition Fitout: Geared Construction Pty Ltd
Museum Layout & Design: Mulloway Studio; Hungry Sky
AV Fitout: Pro AV Solutions (WA)
Networking: Future Logic
Library Fitout: Access Office Industries;
FE Technologies Pty Ltd; Bibliotheca Australia Pty Ltd; Castledex
Pty Ltd; KEYS the Moving Solution; Zenith Interiors Pty Ltd