ANU Acton Campus Master Plan
Executive summary

The need for renewal

The Australian National University (ANU) is consistently ranked as one of Australia’s two leading universities, and among the world’s best.

ANU has a clear vision for its future:

> ANU will sit among the great universities of the world, defined by a culture of excellence in all its endeavours.

The University has already achieved global standing for its academic and research achievements, and is now seeking to create an environment on its Acton Campus that is of equally outstanding quality.

The campus has a striking landscape setting, and is home to a collection of significant buildings and spaces. However, the lack of coherent planning over decades has resulted in a campus environment that is often experienced as dispersed and disconnected, and is not always consistent with the University’s clear future vision.

The 2018 Tumberry Consulting Comparative Review benchmarked the ANU Acton Campus against globally high-ranking universities around the world. It found that, compared to other leading universities, the campus:

> lacks a distinct identity
> is not seen as a vibrant campus experience
> does not have the high-quality pedestrian public spaces that define the world’s great universities.

The review emphasised the need for clear strategic renewal, with a focus on:

> lively campus hubs
> coherent identity and brand
> a positive pedestrian experience
> streamlined traffic and parking
> a stronger connection to Canberra city.
Developing the Master Plan

The Master Plan has been strongly informed by broad and iterative stakeholder engagement over 18 months, including workshops, seminars, meetings, online engagement, and open access to a mobile, campus-based project centre.

The Master Plan has also been informed by analyses of campus spatial attributes, and the development of three concurrent documents:

- the ANU Acton Campus Design Guide
- the ANU Acton Campus Heritage Framework
- the ANU Acton Campus Energy Management Strategy.

Viewed together, the global benchmarking, stakeholder feedback, spatial analysis and other campus planning documents point to a clear need to restructure the Acton Campus.

Piecemeal change will not achieve the University’s goals. This Master Plan must set out a blueprint to boldly and holistically restructure the public spaces and activities of Acton Campus over time, building on existing strengths, to create a more vibrant and coherent campus environment.

Transformational objectives

Reflecting this need for holistic renewal, the campus Master Plan has identified three transformational objectives, which have been endorsed by stakeholders.

A coherent campus

- Create a spatial structure that is logical, consistent and unified, and which employs the unifying effect of landscape and public-realm
- Create a more coherent environment through increased architectural and landscape harmony
- Build critical mass around key focal areas to create more lively and vibrant places
- Build on the central core of Kambri to create additional strategically located hubs of activity

A connected campus

- Create a campus where activities and spaces are integrated into the nation’s capital
- Connect spaces and activities to one another within the campus
- Create a campus that is pedestrian-oriented, cycle-friendly, easy to get to by public transport, and easy to move around

An unrivalled campus environment

- Create spaces for both quiet contemplation and active collaboration
- Create lively, high-quality shared spaces designed to foster a distinctive ANU culture
- Create outstanding spaces that foster contemporary practice and excellence in research, pedagogy and staff experience
- Create a campus that exemplifies the University’s leadership in sustainability
Design principles and elements

To achieve these objectives, seven design principles have been developed that describe the key desirable attributes for the campus. The seven design principles that structure the Master Plan are:

> Principle 1: Clearly defined hubs
> Principle 2: Landscaped promenade links
> Principle 3: Vehicle-restricted heart
> Principle 4: Strong city connections
> Principle 5: Harmonious ANU-distinctive design
> Principle 6: Vibrant living and working environment
> Principle 7: Environmental sustainability

Sitting below these principles are:

> a series of sub-principles that provide broad directions for putting the principles into action
> design elements that recommend specific actions in relation to key campus features.

From plan to action

The ANU Acton Campus Master Plan will be delivered over two decades or more by many hands. To ensure the key elements of the Master Plan are realised in individual projects, and consistent outcomes are achieved, it is accompanied by the ANU Acton Campus Design Guide.

The Design Guide is for use by all stakeholders involved in growth and change on campus, but particularly design professionals.

It provides more detailed direction on desired project outcomes, providing design guidance for:

> use
> movement
> landscape
> built form.

Together, the ANU Acton Campus Master Plan and ANU Acton Campus Design Guide provide a unifying design framework for future projects on the ANU Acton Campus.
Along with this design framework, an implementation framework has been prepared that outlines the major capital projects and work programs required to realise the aims of the Master Plan.

The implementation framework prioritises:

> investment in hubs and promenades in and around the heart of the campus
> investment in changes to roads and parking
> delivering the hubs through a series of catalyst projects, including ‘pipeline’ projects currently under way, and seeking opportunities for research collaborations and partnerships
> ensuring design consistency and compliance with the Master Plan and Design Guide
> developing partnerships with stakeholders and neighbours, including Canberra city authorities, CSIRO, and the Australian National Botanic Gardens, to enhance streetscapes and the campus perimeter environs
> enhancement of the Acton Campus and contribution to the consolidation of the overall estate footprint through evaluation and assessment of available property and land that falls in and around the campus perimeter.

To ensure effective oversight and management of the Master Plan and associated documents, all projects and initiatives will be prepared cognisant of the design principles and intent of the Master Plan. The progress of projects and initiatives will be reviewed and assessed in relation to the Master Plan and Design Guide at each Campus Planning Committee. An annual report highlighting implementation of the Master Plan Principles will also be provided to the University Council.

The Master Plan is a product of a collaborative endeavour between ANU leadership, ANU Facilities and Services and the consultant team. The opportunity to re-shape the future of the University has been embraced with all the dedication, seriousness and application befitting the undertaking.

This Master Plan, approved by the University Council, has received strong support from key stakeholders, the wider campus community, and the neighbouring stakeholder community. Its transformative initiatives reflect the vision, drive and pursuit of excellence that characterise ANU, which will propel the implementation of this plan over time.

July 2019
Proposed renewal of Acton Campus

PENINSULA HUB

BARRY HUB

SULLIVANS HUB

ANU Acton Campus Master Plan
The need for renewal
The existing campus

ANU Acton Campus is well located in the heart of Australia’s capital, Canberra, and occupies roughly one-third of the city centre (143ha). ANU was envisaged as a key anchor for Canberra in Walter Burley Griffin’s original plan for the city, establishing an important connection between ‘town’ and ‘gown’.

Founded in 1946, the Acton Campus experienced a period of post-war growth and consolidation, and includes buildings designed by some of that era’s most prominent Australian architects. Its renowned ‘bush campus’ character was firmly embedded during the University’s early evolution, with buildings set apart in open eucalyptus forest. At the same time, the campus also incorporated the character of Canberra’s older suburbs, with seasonal trees planted along avenues and around the edge of a re-aligned Sullivans Creek. Today, its significant buildings, bush-campus setting and seasonal landscapes give Acton Campus a unique and memorable character, and are its greatest strengths.

Yet the campus also faces a number of challenges. In particular, it has lacked the guiding framework of a single master plan over time. This has resulted in an environment that can be experienced as incoherent and difficult to navigate, lacking the network of high-quality outdoor social spaces that now characterise leading university campuses around the world.

In the context of a highly competitive higher-education sector, a university’s campus is one of its most important assets. In 2018, ANU commissioned Turnberry Consulting to compare the ANU Acton Campus to other globally high-ranking campuses. The Turnberry review highlighted the need for strategic renewal of the Acton Campus to ensure ANU achieves excellence in this sphere and remains nationally and globally competitive.
The Turnberry review identified 10 areas where the University’s campus compared unfavourably to its global peers. These were:

1. inconsistent master planning
2. lack of more intensively developed hubs, resulting in a lack of vitality
3. campus identity, or lack of clear ‘brand’
4. poor pedestrian experience
5. lack of a clear arrival experience from the city
6. lack of centrally coordinated capital-project planning and implementation
7. eclectic and mixed-quality design
8. disposition of uses – lack of intensity and clear central area to create active spaces
9. quality and typology of residential development
10. changing student mix, which requires a clear strategy.

Looking to the future, the Turnberry review emphasised the need for strategic renewal of the campus by:

> adopting a hub approach to concentrate areas of activity
> focusing on landscape and the pedestrian experience
> improving the ‘front door’ to the campus
> developing improved transport and access patterns to minimise impacts on campus amenity
> using heritage as the core of the identity of the campus
> developing a unique ANU design brand.

The review made a convincing case that strategic renewal around these themes would dramatically improve users’ experience of the campus environment, and bring the campus into line with the University’s global ambitions.

A desire for strategic renewal of the Acton Campus is also expressed in the *ANU Strategic Plan 2019–2022*, which includes ‘Creating an Unrivalled Campus Environment’ as one of five key ‘Strategies for Change’.
Characteristic features of the existing campus

Chifley Library

Psychology Building

University House

John Curtin School of Medical Research

Formal rows of trees

Bush landscape

Sullivans Creek

University Avenue
The campus possesses inherent strengths that should form the foundations for renewal. These are:

- **An exceptional landscape setting:** The combination of a bush-campus setting, views to Black Mountain and Lake Burley Griffin, seasonal formal and informal plantings, and tranquil courtyards with water features creates a campus with landscape characteristics that are well loved by the campus community.

- **Proximity to Civic, CSIRO, Lake Burley Griffin, the National Museum of Australia, New Acton, West Basin and Canberra inner-city suburbs:** The proximity of the campus to major institutions and developing inner-city areas creates the potential for stronger links to, and partnerships with, the Canberra community, businesses and complementary research and national institutions.

- **A suite of fine significant buildings:** ANU boasts an impressive collection of heritage buildings. Common characteristics of these buildings, such as courtyards and loggias, can form the basis for creating a more coherent collection of buildings in the future.

- **A strong tradition of residential accommodation for students:** Particularly with the opening in 2018 and 2019 of the new residences Bruce, Wright, Wamburun and Fenner Halls, with planning well advanced on the new SA8 student housing complex in the Sullivans Hub (beyond Burgmann College site).

- **Available land between college precincts:** The clustering of colleges on campus lands has meant that sites exist between colleges that offer opportunities for strategic renewal.

- **The Kambri project:** This significant recent project contains a range of uses, bringing a lively heart to the campus for the first time. Kambri provides a strong anchor for further activation of the campus environment.

- **Areas of clearly structured public spaces:** University Avenue, Childers Street, the edge of Sullivans Creek, Ellery Crescent and Liversidge Street all possess a well-defined, logical spatial ordering and a set of distinct physical characteristics, which can provide the underlying bones for a more logical public-space network.

- **Transport accessibility:** While the campus is currently car-dominated, its location in the centre of the city creates great potential to improve accessibility by public transport and bicycle. In the future, the campus will be accessible via light rail from Barry Drive. Furthermore, significant areas of at-grade parking currently located in campus pedestrian areas can be relocated.

- **Underlying Aboriginal and Torres Strait Islander, ecological and other cultural heritage values:** cultural sites, landscape areas of high ecological value, and the collection of historical buildings are key features of heritage value. Protecting, interpreting and consolidating heritage values across the campus will contribute to building a distinctive campus environment.
An exceptional landscape setting

Kambri
The development of the Master Plan has been strongly influenced by the following key documents, concurrent strategies and stakeholder engagement.

### Key documents

- **The ANU Strategic Plan 2019–2022**, which sets in place a vision for ANU to ‘sit among the great universities of the world and be defined by a culture of excellence in everything we do’. (While the ANU Acton Campus Master Plan must influence the evolution of the campus well beyond the lifespan of any three-year strategic plan, the strategic plan articulates enduring ANU values and key future challenges, so has been an important source for the Master Plan).

- **The Australian National University: Comparative Campus Review** (March 2018), by Turnberry Consulting

- **The National Capital Authority’s Australian National University Precinct Code**, which prescribes permitted land uses and building heights on campus.

- **The ANU Exchange Master Plan and Implementation Plan** (2006), which envisages greater integration of activities between Civic and ANU.

- **The National Capital Plan** (May 2016), which sets out the strategy for the Commonwealth’s interests and intentions for planning, designing and developing Canberra and the Territory. The National Capital Plan (The Plan) contains The West Basin Precinct Code, which recognises the significance of the Basin as one of the key elements of the geometry and intent of the Griffin Plan and establishes a vision for West Basin to become a vibrant cultural and entertainment precinct on a waterfront promenade and new city neighbourhood.

- **The National Capital Authority’s Acton Peninsula Precinct Draft Structure Plan** (May 2017), which provides for new waterfront development in the West Basin area, including on land close to ANU, and which envisages a more activated lake foreshore, including a continuous green public space encircling the west basin around to Acton Peninsula.

- **The National Capital Authority’s West Basin Precinct Guidelines** (May 2014), which provide guidance supplementary to The Plan, providing more defined direction on the preferred character and parameters for the design of the precinct.

- **The CSIRO Black Mountain Master Plan Report** (2013), which outlines an approach to greater integration of the CSIRO and ANU campuses, showing potential connections to the ANU campus across Clunies Ross Street.
Stakeholder engagement

The Master Plan has been strongly influenced by 11 months of broad, continuous and iterative internal and external stakeholder engagement.

This stakeholder engagement has comprised:

- a drop-in project centre, open three days a week for most of the first 12 months of the project, open to all
- a series of ‘deliberative workshops’, which brought together a wide cross-section of ANU academic staff and external stakeholders
- meetings and briefings with ANU staff, students and key external Canberra and statutory stakeholders
- three panel discussion events entitled ‘The Master Plan Series’, which sought to access and apply ANU research and test its relevance to the campus
- engagement with University leaders through a three-tiered governance framework
- online engagement through a digital ‘Collaborative Map’, where participants could post ideas and opinions about the campus experience.

Concurrent strategies

Three campus-wide strategies have been prepared concurrently with this Master Plan. These are:

- **The ANU Acton Campus Design Guide**
  This has been developed to guide consistent outcomes and ensure key elements of the Master Plan are realised in the design of individual projects. The Design Guide provides more detailed guidance on desired project outcomes for all those involved in the design and delivery of projects, including project planners, designers, managers and project stakeholders.

- **The ANU Acton Campus Heritage Framework**
  This confirms statutory frameworks and requirements; analyses key heritage values, elements and attributes; and identifies and maps key elements and areas of heritage significance on the campus – including places and spaces of significance to Aboriginal people; areas of potential archaeological sensitivity; important topographic features; Griffin Plan elements; and significant buildings, trees, landscapes, views, vistas, and collections. It makes recommendations for the retention, conservation and management of significant elements consistent with the identified heritage values, forming an important physical foundation for campus master planning.

- **The ANU Acton Campus Energy Management Strategy**
  This sets out principles, targets and actions to guide continuous improvement in energy management for campus buildings and infrastructure. It informs energy-management aspects of the ANU Acton Campus Design Guide.
Once these themes were identified, key content for the Master Plan was developed through a further iterative process with stakeholders. Initial ‘big ideas’ focused on the ordering of public spaces and the configuration of new shared uses to bring clarity and order to those spaces. These ‘big ideas’ were validated by stakeholders. Design work then progressed to shape campus experiences and places in line with the University’s future ambitions. Draft objectives and principles were developed, tested and finalised with stakeholder input.

A blueprint for the future

This resulting Master Plan identifies:

> three transformative objectives for the future Acton campus
> seven design principles to achieve those objectives and ensure consistency across future projects
> a series of sub-principles that provide broad directions for putting the principles into action
> design elements that recommend specific actions in relation to key campus features.

The following chapter outlines the three transformative objectives and seven design principles.

Later chapters discuss each principle and its related sub-principles and design elements in more detail.
The design Framework
Transformational objectives

This Master Plan provides a framework for campus renewal over two decades or more to be applied consistently through a coordinated suite of public-realm, landscape, movement, land-use planning and architectural initiatives.

The University’s existing planning documents and all research conducted for this project point to the need for a comprehensive reorganisation of public spaces and uses on campus. Small moves or single initiatives will not be sufficient to address the drive for strategic campus renewal. A bold campus restructuring is needed.

This emphasis on comprehensive restructuring emerged early in the consultation process for the Master Plan, in the synthesis of analyses and values into three ‘transformative objectives’. These objectives are outlined below, with an explanation of what is required to achieve each.

Objective 1 – A coherent campus

> Create a spatial structure that is logical, consistent and unified, and which employs the unifying effect of landscape and public-realm
> Create a more coherent environment through increased architectural and landscape harmony
> Build critical mass around key focal areas to create more lively and vibrant places
> Build on the central core of Kambri to create additional strategically located hubs of activity

Objective 2 – A connected campus

> Create a campus where activities and spaces are integrated into the nation’s capital
> Connect spaces and activities to one another within the campus
> Create a campus that is pedestrian-oriented, cycle-friendly, easy to get to by public transport, and easy to move around

Objective 3 – An unrivalled campus environment

> Create spaces for both quiet contemplation and active collaboration
> Create lively, high-quality shared spaces to foster a distinctive ANU culture
> Create outstanding spaces that foster contemporary practice and excellence in research, pedagogy and staff experience
> Create a campus that exemplifies the University’s leadership in sustainability

Seven guiding design principles

To achieve these three objectives, seven design principles have been developed that describe the key desirable attributes for the campus.

The seven principles provide a structure for the Master Plan, and also function as high-level criteria against which proposals for the campus can be readily assessed.

**Principle 1:** Clearly defined hubs
**Principle 2:** Landscape promenade links
**Principle 3:** Vehicle-restricted heart
**Principle 4:** Strong city connections
**Principle 5:** Harmonious ANU-distinctive design
**Principle 6:** Vibrant living and working environments
**Principle 7:** Environmental sustainability
Principle 1: Clearly defined hubs

Principle 2: Landscape promenade links

Principle 7: Environmental sustainability

Principle 6: Vibrant living and working environments

Principle 5: Harmonious ANU-distinctive design

Principle 4: Strong city connections

Connected Coherent Unrivalled
Principle 1: Clearly defined hubs

- Peninsula Hub
- Fellows Hub
- Kambri Hub
- Barry Hub
- Sullivan's Hub
Five new hubs will become vibrant meeting points for students, staff and visitors.

They will contain the shared facilities of the University, as well as other activities and land uses, to ensure hubs become a focus for academic endeavour and life on campus. They will boast lively public spaces alongside buildings that showcase ANU collections and contain state-of-the-art learning and research facilities. Located at the intersections of promenades, the hubs will be both destinations in their own right and landmarks that aid wayfinding across the campus.

**Principle 1.1: Shared facilities on campus will be grouped into clearly defined hubs at the intersections of a series of promenades.**

The hubs will grow around these intersections, becoming the liveliest places on campus. They will contain a concentrated mix of shared campus facilities that support research and learning between colleges and encourage partnerships with business and industry. They will also be places to showcase ANU collections and culture to the public, and to locate some new student accommodation. They will bring people together to share ideas.

**Principle 1.2: The hubs will be shaped by catalyst projects on sites within the hubs.**

Catalyst projects will create or reinvigorate strategic facilities for the campus, including accommodation, collaborative research facilities, and the collaborative elements of expanding colleges, combined with other shared campus facilities. Catalyst projects in hubs will also create connections between colleges. Optimal uses for each hub are described in the *ANU Acton Campus Design Guide*.

**Principle 1.3: Catalyst projects will be planned and designed to ensure they bring maximum liveliness to each hub.**

The hubs will:

- be compact rather than dispersed
- mix shared facilities and accommodation within a hub area
- create architecture that frames and activates public spaces
- create enjoyable public spaces.

The most compact, lively, public and shared activities for each hub will be concentrated in its core. (The Master Plan adopts a geographic catchment for each hub, comprising a core and a catchment. The core is the area within a 2–3-minute walk, and the catchment is the area within a 5-minute walk from the centre of each hub).

Mixing accommodation facilities with shared facilities in the core will ensure the hubs are lively, with people moving through them throughout the day and evening. High-use activities, such as social learning spaces, collaborative spaces, public/industry event spaces and residential entries, will be concentrated on ground floors and along the main frontages of buildings within hubs. These spaces will be highly visible and accessible to activate the adjacent public realm.

**Principle 1.4 Hub public spaces will be popular and well used.**

Design features will be used to make the hubs’ public spaces as inviting and comfortable as possible. These public spaces will be the ‘living rooms’ of the campus – with ample seating, high-quality paving, appealing art, considered soft landscaping, and microclimatic design to ensure both comfort and appeal.
Centred at the junction of Sullivans Creek and University Avenue, Kambri will be the most compact and intensively developed of all the hubs, growing further over time with the redevelopment of sites along University Avenue both east and west of the present Kambri heart.

Kambri Hub will be linked directly by University Avenue with the University’s gateway to Civic at Marcus Clarke Street – the proposed development of which is discussed under Principle 4: Strong city connections. The hub’s location at the nexus of the College of Arts and Social Sciences and the College of Business and Economics, and its proximity to the School of Music and the School of Art & Design, and to Civic, mean that it will be ideal for industry/business partnerships, academic elements that benefit directly from a city-centre presence, and residential/mixed use.

Design elements

1. Kambri Hub will develop further with complementary catalyst projects to establish further critical mass, such as ANU research, collections, accommodation, and additional ‘high-order all-of-campus’ shared facilities.

2. An inner gateway will be created on catalyst sites at the junction of Ellery Walk and University Avenue, presenting the University’s city-facing culture and facilities, and activating promenades.

3. The redevelopment of the Baldessin site will enable better integration into the campus of the School of Music and the School of Art & Design.

4. A high-quality streetscape will extend the Kambri public-realm palette to significantly improve visual and pedestrian connections to Civic.

5. Links from Sullivans Promenade will be extended into the heart of the Kambri project.

6. Critical mass and promenade activation will be created through longer-term renewal of sites fronting Sullivans Creek.

For more detail regarding the configuration of activities, public-realm design and architectural design relating to this hub, see the ANU Acton Campus Design Guide.
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6. Critical mass and promenade activation will be created through longer-term renewal of sites fronting Sullivans Creek.
Over time, Fellows Hub will knit together physically disparate schools and activities in the precinct with new promenades, public spaces and postgraduate living and study facilities.

Fellows Hub will have a distinctive landscape and architectural character defined by high-quality mid-century buildings set in native bushland, forming an historical core for the campus. The hub will be defined by the RG Menzies Building (Menzies Library), HC Coombs Building, the ANU College of Law, eucalyptus woodland, and new catalyst projects alongside Fellows Oval. It will include the adaptive reuse of heritage buildings, and include a use-mix that responds to its proximity to postgraduate and international studies, the ANU College of Law, Chancelry Building, Australian Centre on China in the World, and University House.

Design elements
1. The through-route function of Fellows Road will be removed to create a pedestrian-oriented precinct, while still retaining local vehicle access to buildings for servicing and for people with disabilities.
2. Disparate heritage buildings will be connected and unified using public spaces, new pathways and enhanced areas of seating for informal learning.
3. Promenades will be brought together to activate new public spaces.
4. Further activity will be brought into the precinct through adaptive reuse of Menzies Library and the ground floor of the HC Coombs Building, creating outdoor activated spaces at entries, spill-out learning areas and informal learning or café areas.
5. The visual and physical relationship between the ANU College of Law and the hub core will be improved.
6. The car park and tennis court sites will be used as significant catalyst opportunities, establishing a postgraduate study hub.
7. Buildings in the Old Administration Area will be re-used as activators of public space, possibly as an informal study/collaboration space.
8. Adaptive reuse of the Chancelry site as a postgraduate study centre, residential or research school will be explored.
9. The heritage landscape will be sensitively enhanced.
10. Flexible and informal outdoor learning and gathering spaces will be created along the promenade.

For more detail regarding the configuration of activities, public-realm design and architectural design relating to this hub, see the ANU Acton Campus Design Guide.
LEGEND

- Catalyst sites
- Active frontage to ground and lower levels
- Key public space
- Pedestrian and bicycle connections
- Service roads
Design elements

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7. Buildings in the Old Administration Area will be re-used as activators of public space, possibly as an informal study/collaboration space.

8. Adaptive reuse of the Chancery site as a post-graduate study centre, residential or research school will be explored.

9. The heritage landscape will be sensitively enhanced.

10. Flexible and informal outdoor learning and gathering spaces will be created along the promenade.
Fellows Hub

Eucalyptus trees retained

New informal pavilion to activate space

ANU COLLEGE OF LAW

Eucalyptus trees retained
Peninsula Hub will sit at the intersection of three promenades and Liversidge Street, forming an important stepping stone to the Acton Peninsula. Over time, it will bring new activity to the precinct around the Crawford School of Public Policy, using catalyst projects that create a living and research precinct. Promenades and public spaces will connect this precinct more strongly to the life of the University and Canberra.

A disconnected group of existing buildings and spaces will be united, with new facilities sited around a major public space extending from the crest of the land-bridge over Parkes Way to the edge of Lake Burley Griffin. This new public space will create a gateway that maximises the University’s visibility on the lake edge. A nationally significant facility will be established here, maximising its visibility from the lake and its proximity to the National Museum of Australia and the redevelopment of the West Basin precinct proposed by the City Renewal Authority.

The hub’s connection to New Acton, the lake and the museum will make it ideal for accommodating academic alumni, visitors and post-graduate students. Its development will see the adaptive re-use of cottages of high heritage value (which relate to the pre-ANU history of Canberra) and other buildings for family housing and alumni accommodation.

Design elements

1. Existing research schools will be relocated into Fellows Hub and heritage cottages repurposed for family housing.

2. In the longer term, a mix of post-graduate and alumni/visitor accommodation will be redeveloped and intensified, leveraging the hub’s proximity to the city and using this development to create a promenade link to New Acton.

3. Public-engagement activities and collaborative research conducted by the Crawford School of Public Policy, and over time its building footprint, will be expanded.

4. A new nationally focused ANU school/research institute will be established, with a strong visual presence on the edge of Lake Burley Griffin.

5. Bachelors Lane will be re-routed to facilitate the creation of a new public-space link to the lake.

6. Pedestrian pathways will be brought together around a new central space, activating the space and creating a gateway to the campus.

7. The new gateway space will be activated as a curated exhibition space for ANU collections, smaller-scale events and flexible teaching/learning.

8. A new park link will be created, activated by the adjacent catalyst site and link to Lake Burley Griffin, providing opportunities for community events connected to the West Basin foreshore.

For more detail regarding the configuration of activities, public-realm design and architectural design relating to this hub, see the ANU Acton Campus Design Guide.
Design elements

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Peninsula Hub

Eucalyptus trees retained
Peninsula Hub
Views and park connection to Lake Burley Griffin

Potential catalyst project linking to national institutions

Views and park connection to Lake Burley Griffin
Sullivans Hub will bring life to a ‘back corner’ of the University by combining research, living and teaching functions and a new bridge across Sullivans Creek, creating new public spaces and shared facilities around the bridge landings.

Sullivans Hub will unite the Research School of Physics and Engineering and The John Curtin School of Medical Research to the east with student accommodation to the west of the creek. It will also improve connections to the Australian National Botanic Gardens and the southern end of the CSIRO campus.

The introduction of shared facilities along the creek and a new pedestrian and cyclist bridge with landing points that step down to the water’s edge will improve connectivity between east and west and activate this important recreational and ecological corridor.

The hub precinct contains areas of Aboriginal community value and potential archaeological sensitivity. These areas will be protected and interpreted as part of the development of catalyst sites.

**Design elements**

1. A new pedestrian and cycling bridge linking east and west will be constructed.
2. Bridge landings will be activated with cafés and informal learning areas.
3. Catalyst sites will be created, offering spaces for shared research linking the Colleges, CSIRO and the Australian National Botanic Gardens.
4. A new pedestrian link to CSIRO and the Australian National Botanic Gardens will be created.
5. New gymnasium, recreational, and childcare facilities will be considered.
6. Ecological corridor values will be enhanced and interpreted through appropriate species planting and interpretive signage in this area.
7. Aboriginal heritage values will be interpreted and communicated using signage and art, in consultation with the Aboriginal community, and archaeological sites will be protected.
8. New flexible outdoor spaces will be created close to building entries to encourage social activity outdoors, particularly overlooking Sullivans Promenade.

For more detail regarding the configuration of activities, public-realm design and architectural design relating to this hub, see the *ANU Acton Campus Design Guide*. 
Design elements

1. A new pedestrian and cycling bridge linking east and west will be constructed.
2. Bridge landings will be activated with cafés and informal learning areas.
3. Catalyst sites will be created, offering spaces for shared research linking the Colleges, CSIRO and the Australian National Botanic Gardens.
4. A new pedestrian link to CSIRO and the Australian National Botanic Gardens will be created.
5. New gymnasium, recreational, and childcare facilities will be considered.
6. Ecological corridor values will be enhanced and interpreted through appropriate species planting and interpretive signage in this area.
7. Aboriginal heritage values will be interpreted and communicated using signage and art, in consultation with the Aboriginal community, and archaeological sites will be protected.
8. New flexible outdoor spaces will be created close to building entries to encourage social activity outdoors, particularly overlooking Sullivans Promenade.
Sullivans Hub

New pedestrian and cycle bridge with seating and informal gathering space

Renewed pathway along creek

Timber deck stepping down to creek
Ecologically sensitive creek protected and regenerated

Collaborative research/shared teaching/learning facility

Informal study/gathering space with heating
Barry Hub will connect the University to CSIRO and public transport, with a new linear public space alongside Barry Drive that is activated by catalyst projects.

Barry Hub occupies a strategically important location on campus, close to CSIRO and at the intersection of University Avenue and Daley Walk.

Daley Walk will form part of generous new linear public space linking to a key arrival point for high-frequency public transport from Barry Drive. Catalyst projects within the hub will include the renewal of the ANU College of Engineering and Computer Science and the refurbishment of the Physics Building and Psychology Building. These projects and others will become part of a new precinct focused on science, technology, engineering and mathematics, and will ‘redefine the relationship with CSIRO to create local and national ecosystems’ for research (ANU Strategic Plan 2019–2022).

The introduction of a new pedestrian and cyclist connection across Clunies Ross Street will further strengthen the relationship between ANU and CSIRO.

A new link road along the northern edge of the hub will create opportunities to create new land parcels fronting Barry Drive and improve the visibility and presence of the University on this key Canberra road.

**Design elements**

1. A new pedestrian and cyclist link to CSIRO will be created.
2. The Physics Building and Psychology Building will be adapted and re-used.
3. A new North Link will be constructed.
4. Generous public space will be used to establish a pedestrian-prioritised avenue linked directly to key transport stops on Barry Drive.
5. New high-profile research facilities will be delivered through catalyst sites.
6. Buildings will be used to activate the street at ground level.
7. The ecological corridor will be protected by ensuring development footprints do not affect corridor edges.
8. A shared zone will be included at the junction of Daley Road and the northern link to prioritise safe pedestrian crossing.

For more detail regarding the configuration of activities, public-realm design and architectural design relating to this hub, see the *ANU Acton Campus Design Guide.*
Catalyst sites
Active frontage to ground and lower levels
Key public space
Pedestrian and bicycle connections
New road connection
**Barry Hub**

**Design elements**

1. A new pedestrian and cyclist link to CSIRO will be created.
2. The Physics Building and Psychology Building will be adapted and re-used.
3. A new North Link will be constructed.
4. Generous public space will be used to establish a pedestrian-prioritised avenue linked directly to key transport stops on Barry Drive.
5. New high-profile research facilities will be delivered through catalyst sites.
6. Buildings will be used to activate the street at ground level.
7. The ecological corridor will be protected by ensuring development footprints do not affect corridor edges.
8. A shared zone will be included at the junction of Daley Road and the northern link to prioritise safe pedestrian crossing.
Barry Hub

Generous public realm linking to public transport stops

Buildings used to activate the street at ground level
Barry Hub

New mixed-use facilities with interactive ground floor

Groves of trees and flexible outdoor space

New mixed-use facilities with interactive ground floor
Principle 2: Landscaped promenade links
A clear and connected network of nine tree-lined, landscaped promenades will make it easy, safe and enjoyable for pedestrians and cyclists to find their way and move around on campus.

Principle 2.1: Generous promenades defined by trees will connect campus precincts and establish a highly legible and coherent pedestrian and cycling network on campus. The promenades will be the new arteries of the campus, connecting people, ideas, learning and research. They will provide generous tree-lined corridors that link the colleges, connect existing and new destinations, and give pedestrians and cyclists direct access to key pieces of supporting transport infrastructure. They will establish a network of shady, sheltered pathways that offer a comfortable environment to encourage safe and easy cycling and walking both day and night.

The promenades’ simple geometric alignment will aid campus navigation and bring greater coherence to the campus as a whole. They will respond to topography, heritage buildings and existing infrastructure.

Principle 2.2: The promenades will be people-friendly and full of life, providing opportunities for interaction. The promenades will be the busiest pedestrian routes on campus – in contrast to the bush backdrop, which will provide spaces for quieter, more reflective uses and recreation.

Adjacent buildings will have their main entrances facing the promenades. A strong visual and physical relationship between indoors and outdoors will be created to ensure people on the lower levels of buildings can see and interact with promenade activity, creating a stronger sense of safety for pedestrians.

Principle 2.3: The promenades will be of consistent quality and have similar design details to aid campus navigation. Although they will pass through diverse landscapes and varying areas of campus activity, consistently applied design details will ensure that the promenades are always understood as primary connectors and will differentiate them from other pathways and areas.

The contrast between the highly legible and formal seasonal planting of the promenades and the organic bush backdrop of the campus will contribute significantly to the promenades’ navigational role.

In addition, a high-quality and consistently applied palette of paving materials and street furniture will be used to delineate principal movement corridors and separate them from adjacent spaces used for socialising and rest.
Conceived as part of the Griffin Plan, University Avenue will continue to be a significant and iconic feature of the campus. Extensions and enhancements to University Avenue will be consistent with the Kambri palette.

Alignment
University Avenue is aligned on an approximate east/west axis, connecting the two edges of campus.

Role and use
University Avenue will be both a destination and a principal promenade.

It will continue to be a popular route for both cyclists and pedestrians, offering a generous, generally obstacle- and vehicle-free route at a consistent level that connects the eastern and western edges of the campus.

It will become a highly activated avenue, playing a strong role for students and staff and the wider Canberra community. It will be enhanced as the principal address for a number of the university colleges, key student facilities, student residential accommodation and a significant public space and events destination at Kambri.

Design elements
1. University Avenue will be extended to provide a major tree-lined promenade linking the University to Civic to the east and CSIRO to the west.
2. For most of its length, University Avenue will be defined and activated by the edges of adjacent buildings.
3. The eastern portion of the avenue will extend the streetscape character of the University into Civic.
4. The parkland character of the avenue west of Sullivans Creek will be strengthened, with a linear park extended through the campus to a proposed CSIRO bridge link.
5. Where University Avenue crosses Sullivans Creek, views of the campus landscape to the north and south will improve legibility and create a memorable vista.
6. Where University Avenue crosses Ellery Walk, a generous public space will be created to mark this key campus gateway. The ground floor of buildings fronting the space will be activated and may be used to exhibit ANU collections and support temporary events.
LEGEND

- Promenade
- Active frontage to ground and lower levels
- Key public space
- Gateway trees
- Road connection
- Shared zone
Ellery Walk will transform Ellery Crescent and Kingsley Street into a tree-lined, pedestrian-prioritised promenade, strengthening direct and easy connections for pedestrians and cyclists between Barry Drive and the Fellows Lawn and Menzies Library.

Alignment
Ellery Walk will be aligned on an approximate north/south axis. It will extend the line of Kingsley Street from its intersection with the new North Link, across University Avenue, terminating at Fellows Lawn and the Menzies Library.

A pathway parallel to Ellery Walk (the Kambri-Fellows Link) will run directly from Fellows Hub to the heart of Kambri Hub.

Role and use
The walk will prioritise the needs of pedestrians and cyclists while also facilitating vehicle access to key facilities and supporting building servicing.

The northern portion of the walk will maintain the vehicular role of Kingsley Street, facilitating access to on-campus parking and the new North Link, while strengthening the amenity and on-street provision of safe, easy pedestrian and cyclist movement.

Between University Avenue and the Chancelry Building, the walk will provide a shared space that prioritises the safety and amenity of pedestrians and cyclists while providing for vehicular access at slow speeds.

Design elements
1. Ellery Walk will adopt the alignment of Ellery Crescent and Kingsley Street and will transform these established streets into a tree-lined promenade of diverse character.
2. The Kingsley Street section of the walk will have improved footpaths and an avenue of consolidated street trees to create a more people-friendly environment.
3. Where University Avenue crosses Ellery Walk, a generous public space will be created to mark this key campus gateway. The ground floor of buildings fronting the space will be activated and might be used to exhibit ANU collections and support temporary events.
4. The walk will prioritise pedestrian comfort and safety, while still supporting essential building servicing and disability access needs.
5. South of the Chancelry Building, the walk will cut across an area of newly created bush parkland to connect with the heart of Fellows Hub.
6. Along the walk, breaks in the built form will be used to frame views towards Black Mountain.
7. The Kambri-Fellows Link will run into the heart of Kambri Hub.
LEGEND
- Promenade
- Active frontage to ground and lower levels
- Key public space
- Gateway trees
- Road connection
- Shared zone
Daley Walk will be a new pedestrian and cyclist route that connects the north and south edges of campus. Daley Walk will also be the principal residential address for students on campus. Its pedestrian role will be strengthened by providing a more generous tree-lined walk to the east of the main corridor and ‘pocket parks’ along its length to encourage interaction and provide amenity for residents.

Alignment
Daley Walk will be aligned on an approximate north/south axis. It will extend the line of Daley Road from Barry Drive south to connect more directly with the new Sullivans Creek Crossing and Sullivans Hub, crossing to the west of the Daley Road corridor at Burton and Garran Hall.

Role and use
Daley Walk will provide the principal residential address on campus for students. It will provide an enhanced street address and site for informal interaction.

At its northern extent, the walk will define an important new gateway space at its intersection with Barry Drive, which is a key public transport interchange.

To the south of Burton and Garran Hall, the walk will define a new central green link between established residential colleges.

Design elements
1. Daley Walk will create a new pedestrian and cyclist-focused walk that connects the north and south edges of the campus.
2. At its intersection with University Avenue, a more generous and clearly defined tree-lined promenade will be established to the east of the main vehicle corridor.
3. The walk will extend through areas of student accommodation and will adopt a more informal bushland character as it continues south through this community.
4. A new campus gateway will be created where Daley Walk meets Barry Drive. This will provide important access for pedestrians to existing bus and future light-rail facilities.
5. The stand of Sydney Blue Gums on the existing Lindsay Prior Walk will be highlighted to mark the start of a boardwalk for pedestrians and cyclists that separates the promenade from the main vehicle corridor of Daley Road.
6. The walk will provide framed views towards Dickson Wetland, which contains some of the oldest trees on campus.
LEGEND
- Promenade
- Active frontage to ground and lower levels
- Gateway trees
- Road connection
- Shared zone
Menzies Walk will be characterised by strong landscape settings combined with spaces tightly framed by built forms. Its tree-lined pathway will connect Sullivans Creek, South Oval and Fellows Lawn, and users will enjoy expansive views towards Sullivans Creek and Black Mountain. New catalyst projects and existing building edges retrofitted with informal gathering spaces and streetscape enhancements will contribute activity along the way.

Alignment
Menzies Walk will be aligned on an approximate east/west axis, running between the Menzies Library and the ANU College of Law, extending past South Oval to Sullivans Creek.

Role and use
The eastern extent of the walk will formalise a popular route that connects South Oval, Menzies Library, the ANU College of Law and the HC Coombs Building.

The western extension of the route will provide a new primary connection between Sullivans Hub and Fellows Hub.

Design elements
1. The eastern extent of the walk will provide an address for new post-graduate housing and facilities.
2. McDonald Place will be transformed into a generous shared pathway that prioritises pedestrians and cyclists.
3. New development will activate the walk, providing breakout spaces to support informal learning.
4. As the route runs west, the walk will feature expansive views across South Oval towards Sullivans Creek and Black Mountain.
5. At the key intersection with Acton Ridge Walk, the walk might incorporate a public space and lookout with a café.
6. The walk will connect to Sullivans Hub via a pedestrian-priority crossing at Garran Road.
7. The façades of existing buildings and edges of adjacent service areas will be enhanced to frame the walk.
8. The walk will open out at the creek edge to offer views across Sullivans Hub.
9. The promenade will extend the water-sensitive urban design treatment established by the Hugh Ennor Building.

New development activates the walk, providing breakout spaces to support informal learning.
Coombs Walk will provide an important route from the south-east edge of the campus. It will connect New Acton Walk (a key external pedestrian and cycling route that extends into Civic) to the heart of Fellows Hub.

Alignment
Coombs Walk will be aligned on an approximate south/east axis and will connect directly with New Acton Walk.

Role and use
Coombs Walk will be both a key external connector and a residential address for a significant post-graduate residential community.

Design elements
1. The heart of Fellows Hub will anchor Coombs Walk.
2. Coombs Walk will extend a short and intimate-scale pedestrian and cyclist-focused link south towards the edge of the campus and lake.
3. The walk will connect across Garran Road and Liversidge Street via pedestrian-priority crossings. Continuous and consistent detailing will help pedestrians and cyclists follow the route from Fellows Hub.
4. The walk will extend through the bush-campus area of Fellows Hub into a heavily vegetated area at the southern edge of the campus that contains ecologically significant trees.
5. As the walk meets Brian Lewis Crescent, it will become a residential street and form the principal address for a large post-graduate community.
6. Residential accommodation will frame and front the promenade to enhance street safety.
LEGEND
- Promenade
- Active frontage to ground and lower levels
- Key public space
- Gateway trees
- Road connection
New Acton Walk will be a promenade in a natural landscape setting, linking Peninsula Hub to New Acton and Civic, offering excellent views south across Lake Burley Griffin.

Alignment
New Acton Walk will be aligned on an approximate south-east/south-west axis and create a direct connection to Civic, New Acton and Peninsula Hub.

Role and use
New Acton Walk will be a key external connector to the campus and a recreational route with a strong natural landscape character.

Design elements
1. New Acton Walk will provide a modestly scaled informal and undulating pathway running parallel to Edinburgh Avenue that will connect Peninsula Hub directly to Civic.
2. The walk will be characterised by the informal landscape and natural topography it passes through and over.
3. The walk will provide residents of both the university and city with a new and well-connected recreational cycling and walking route.
4. A new public space located at the intersection with Coombs Walk will offer expansive views across the lake.
5. The walk will cross Liversidge Street via a pedestrian-priority crossing.
LEGEND
- Promenade
- Active frontage to ground and lower levels
- Key public space
- Gateway trees
- Road connection
Parkes Walk will establish a direct connection between Peninsula Hub and Sullivans Hub, traversing undulating topography and winding around buildings and landscape features with views across Lake Burley Griffin.

Alignment
Parkes Walk will follow an undulating alignment along the contours of the natural landscape and around established buildings at the southern edge of the campus.

It will extend south-east from Sullivans Hub, wrap around the southern edge of the Research School of Physics and Engineering, run north in front-of the Vice-Chancellor’s residence and then connect to Peninsula Hub to the north of the Crawford School of Public Policy.

Role and use
Parkes Walk will be a key campus connector as well as a recreational route with a strong natural landscape character.

Design elements
1. Parkes Walk will provide an intimate-scale pedestrian and cyclist pathway at the south-western edge of the campus that connects Peninsula Hub to Sullivans Hub.
2. The walk will establish an informal and undulating path dominated by established natural vegetation and the varied topography it crosses.
3. It will align closely to edges of existing and new buildings to enhance campus safety, enabling people inside buildings to see out to activity on the promenade.
4. Parkes Walk will provide a new connection to the Vice-Chancellors residence.
5. A number of small public spaces along the walk will offer framed views across the lake.
Acton Ridge Walk will be an important route that links Peninsula Hub to Sullivans Creek. It will be a key internal pedestrian and cycling route, providing a safe and comfortable pathway from the southern part of the campus to the creek edge. It will connect established destinations and, at its intersection with Menzies Walk, offer a place to appreciate expansive views west towards the creek and Black Mountain.

Alignment
Acton Ridge Walk will be aligned on an approximate north/south axis. The walk will extend between the Peninsula Hub to Sullivans Creek, via South Oval.

Role and use
The southern extent of Acton Ridge Walk will adopt and formalise a popular established route that connects Balmain Crescent to South Oval.

The northern extension of the route will provide an improved pathway adjacent to South Oval.

Design elements
1. A parkland with ornamental gardens and expansive views south towards the lake will mark the intersection of the walk and Peninsula Hub.
2. The southern section of the walk will be defined by, and provide a new address for, the cluster of heritage cottages at Balmain Crescent.
3. The walk will establish a central spine around which the cottage precinct can be organised, and transform the existing road into a generous shared pathway that prioritises pedestrians and cyclists.
4. As the route travels north, it will seamlessly accommodate a gentle change in gradient to establish an obstacle-free connection to South Oval and, ultimately, to the creek.
5. The walk will cross Liversidge Street, Balmain Crescent and Garran Road via pedestrian-priority crossings.
6. As the walk extends north, it will feature expansive views across South Oval (a significant Aboriginal cultural heritage site) towards Sullivans Creek and Black Mountain.
7. The key intersection with Menzies Walk may incorporate a public space and lookout.
8. As the walk passes South Oval, a new public space with viewing platform and possible cafe will be created.
9. At the northernmost extent of the walk, where it meets Sullivans Creek, a new public space will be created, with green terraces that cascade down to the water’s edge.
Sullivans Walk will follow the Sullivans Creek corridor, which will be a major focus for recreation within the campus. The walk will comprise a pathway either side of the creek that traverses a range of landscapes. Both the promenades and corridor will be strengthened as an important recreational and cultural destination for the campus community and Canberra as a whole.

Alignment
Sullivans Walk will follow either side of Sullivans Creek.

Role and use
Sullivans Walk will provide important access to active and passive recreation within the campus, and features of ecological and cultural value and interpretation.

Design elements
1. The walk will be a major contributor to the amenity, liveability and connectivity of the campus, providing a consolidated and improved pedestrian and cycle pathway on either side of the creek.
2. Two new bridges will be built to further connect the east and west banks of the creek.
3. The walk will connect to the regional network of pedestrian and cycling infrastructure north and south of the campus.
4. A new underpass beneath Barry Drive will connect the walk north of the campus.
5. The walk will be designed and detailed to sensitively acknowledge the corridor’s Aboriginal cultural meaning and history, very high scenic values, significant ecological value, and high recreation values.
6. A number of strategically located, shaded and accessible rest points will be introduced along the pathway. These spaces will include creek outlook areas and signage to aid navigation.
7. The pathway will include sections of elevated boardwalk in areas where creek revegetation is required.
Sullivans Creek edge enhancement
Principle 3: 
Vehicle-restricted heart
The campus will have a pedestrian and bicycle oriented green heart where access by private vehicles is restricted.

This will be achieved by replacing at-grade parking in the heart of the campus with a perimeter parking and vehicular circulation system. The campus will be easy to get to by public transport and easy to move around, with a comprehensive network of streets, paths and transport facilities, including a regular campus shuttle service. Reliance on private vehicles will be reduced.

**Principle 3.1: Existing at-grade parking in the heart of the campus will be relocated to parking stations on the campus perimeter.**

The dominance of at-grade parking and the existing road network erodes the legibility and amenity of the campus for pedestrians and cyclists. At-grade parking will be moved from the campus heart to perimeter stations, enabling the creation of a green heart with a pedestrian and cycle focus. Relocating parking to the perimeter will reduce the need for all but service vehicles and special-permit vehicles to enter the heart of the campus.

**Principle 3.2: A perimeter movement route will be created and vehicle movements within the heart will be restricted.**

To create convenient access to the green heart, a new North Link will replace the cross-campus function of Fellows Road. Fellows Road will be repurposed as a local access service road and closed at Fellows Hub.

**Principle 3.3: A cross-campus network of clearly defined pedestrian and cycling routes and facilities that link directly to the wider city network will be created.**

A stronger network of pathways that reflect popular routes and link key destinations will create an environment that prioritises the safe and easy movement of pedestrians and cyclists across campus. All pathways throughout the campus will be shared by pedestrians and cyclists.

**Principle 3.4: Access to public transport will be enhanced with the creation of a campus shuttle service and improved pedestrian linkages and wayfinding.**

The new campus loop road will establish a well-located and legible route for a new campus shuttle bus. The shuttle will operate in both directions and provide high-frequency and convenient access between hubs, colleges and off-campus public transport to encourage increased public transport patronage on and to campus.
Creating the green campus heart

The campus will have a pedestrian and bicycle oriented green heart where access by private vehicles is restricted.

Design elements

1. Areas of at-grade car parking in the core of the campus will be removed and redesigned to become part of the campus landscape and contribute to its public-space provision.

2. Fellows Road will be retained as a local access road only and will be used for servicing and to support convenient access to buildings for people with disabilities.

3. An extended area of pedestrian and cyclist prioritised space, with limited- and low-speed vehicle access will form the vehicle-restricted green heart of the campus.

4. Parking facilities at the campus perimeter will accommodate the parking needs of the campus. All new parking structures will include screening of parking areas and will present activity at ground-floor level to ensure they create safe, active and attractive street environments.

5. Dickson Parking Station will be refurbished to increase capacity and improve its contribution to campus character, legibility and safety.

6. The at-grade car park between Daley Road and Clunies Ross Street will be replaced with a new structured facility.

7. Another new parking facility on the realigned North Link will require a high level of design consideration to ensure it maximises the Barry Drive address for the university.

8. Willows Oval may be lifted to create a new low-level parking facility with sports pitches on the car park roof.

9. The existing facility on Kingsley Street will be replaced to provide a new facility that contributes to the character, activation, amenity and safety of Ellery Promenade.

10. The existing at-grade car park on Childers Street may be replaced.

11. The existing Baldessin Parking Station will be replaced. This catalyst site will accommodate a new university facility with parking provision incorporated as part of the building’s overall design.

12. The existing at-grade car park fronting Ellery Crescent could be replaced with a mixed-use building.
Creating the green campus heart

Extent of defined pedestrian heart
Area of reduced vehicle priority and at-grade parking provisions within the pedestrian heart
At-grade parking outside of the pedestrian heart to be transferred into parking structures

→ Relocated at-grade parking to perimeter stations
○ Proposed locations of perimeter parking stations
A perimeter movement route will be created, and vehicle movements within the heart will be restricted.

Design elements

1. A new North Link will replace the cross-campus function of Fellows Road. The new North Link will adopt the character of other University streets where buildings address the street and pedestrians and cyclists are prioritised. The link location has been established through a process of options testing; the resulting alignment minimises visual impacts on Sullivans Creek, avoids demolition of heritage buildings and expands land available for the growing ANU College of Engineering and Computer Science. It will extend the alignment of Allsop Street, providing another city access, extending through to the north of the Haydon-Allen complex, bending north to avoid the Kambri car park entry.

2. North Link will create a new bridge across Sullivans Creek, at the narrowest part of the waterway, minimising the risk of high bridge costs.

3. North Link will connect with a realigned Daley Road and help to establish catalyst sites fronting Barry Drive for the University.

4. A network of slow-speed shared streets will manage vehicle access into the heart of the campus. These streets will maintain access for servicing, service vehicles and areas of special permit parking to each building. People with disabilities will be given priority parking at each building.

5. Fellows Road will be retained as a local access road only, to be used for servicing and to support convenient access to buildings for people with disabilities.

6. A new road connection to Clunies Ross Street, aligned with the entry to Black Mountain Road and proposed as part of the SA8 Student Housing development, will facilitate vehicle access to the south-west of the campus and help distribute traffic between vehicular entries.

7. A new controlled crossing point for pedestrians and cyclists between the ANU and CSIRO campuses will be created.

8. Mobility nodes will be located at key locations close to campus hubs. These nodes will support easy transition between transport modes and will include a combination of:
   - car parking
   - bike parking/storage
   - charging and parking for electric vehicles
   - passenger drop-off and pick-up zones
   - campus shuttle stops
   - cycle end-of-trip-facilities including change rooms/showers/secure lockers
   - public-transport information.
Perimeter vehicle access

Fellows Road will be retained as a local access road only, to be used for servicing and to support convenient access to buildings for people with disabilities.

A new road connection to Clunies Ross Street, aligned with the entry to Black Mountain Road and proposed as part of the SA8 Student Housing development, will facilitate vehicle access to the south-west of the campus and help distribute traffic between vehicular entries.

A new controlled crossing point for pedestrians and cyclists between the ANU and CSIRO campuses will be created.

Mobility nodes will be located at key locations close to campus hubs. These nodes will support easy transition between transport modes and will include:

- car parking
- bike parking/storage
- charging and parking for electric vehicles
- passenger drop-off and pick-up zones
- campus shuttle stops
- cycle end-of-trip-facilities including change rooms/showers/secure lockers
- public-transport information.
A cross-campus network of clearly defined pedestrian and cycling routes and facilities that link directly to the wider city network will be created.

Design elements

1. Pedestrian-prioritised promenades will create a network of well-connected walking and cycling routes.
2. Safe pedestrian crossings will be provided where promenades and pathways intersect with streets.
3. Shared zones will be created where promenades overlap with service-vehicle routes.
4. The regional bike network along Sullivans Creek corridor will be enhanced to ensure pedestrian and cyclist safety as a shared path.
5. The proposed street network will be aligned and extended to improve pedestrian, cycle, and public transport connections to CSIRO, the Acton Peninsula, Australia National Botanic Gardens and Civic.
6. Well-defined and safe pedestrian connections will be provided to all major public transport stops and interchanges, including future light rail stages.
7. The new loop road will be designed to accommodate safe on-road cycling for commuter cyclists and link directly to the city-wide network of on-road cycle routes.
8. Mobility nodes, providing end-of-trip facilities for cyclists, recharging stations for electric vehicles and transport interchange infrastructure, will be integrated into all parking structures.
Easy to get to by public transport

Access to public transport will be enhanced with the creation of a campus shuttle service and improved pedestrian links and wayfinding.

Design elements

1. The new campus loop will establish a well-located and legible route for a new campus shuttle bus. The shuttle will operate in both directions and provide high-frequency and convenient access between hubs, colleges and off-campus public transport to encourage increased public transport patronage on and to campus. An electric vehicle may be used to demonstrate the University’s commitment to innovation and a sustainable future.

2. Over time, the shuttle route will be expanded to provide access to CSIRO and to meet the future light rail city connections.

3. Improved signage will be provided to assist wayfinding to public transport, and public-transport information will be included in mobility nodes.

4. Well-defined and safe pedestrian connections will be provided to all major public transport stops and interchanges. The proximity of the new Canberra light rail will significantly improve public transport access to the campus.

5. Improved pedestrian connections will be established to facilitate access to Stage 1 light rail stop.

6. Improved pedestrian connections will be established to the proposed Stage 2 light rail stop.

7. Improved pedestrian connections will be established to the proposed Stage 3 light rail stop.

8. Improved pedestrian connections will be established to the proposed bus interchange on the corner of Watson Street and Barry Drive.

9. Mobility nodes, providing end-of-trip facilities for cyclists, recharging stations for electric vehicles and transport interchange infrastructure, will be integrated into all parking structures.

Light rail on campus

Three options were considered for a through-campus route for a future light rail stage:

> along University Avenue
> along a northern link road through the heart of the CECS precinct
> along the current alignment proposed for a northern link road.

Following high-level technical considerations, University Avenue was discounted as an option because:

> University Avenue should be maintained as a formal green pedestrian promenade
> light rail operations would have to travel slowly along this corridor
> recent construction of Kambri underground parking makes construction prohibitive
> conflict could arise with new research laboratories due to vibrations from light rail
> there is potential for severance of a precinct that needs unification.

The new North Link establishes future potential for light rail. It has been tested for basic engineering feasibility and could be investigated further.
Easy to get to by public transport

LEGEND

- Light rail stops (Stage 1, 2 and 3)
- Bus interchange (April 2019)
- Future bus interchange
- Campus shuttle (Phase 1)
- Walking route to public transport
- Streets used by Action Buses (April 2019)
Principle 4: Strong city connections
New pedestrian links, perimeter landscape enhancements, public spaces and catalyst projects will create a welcoming campus with strong city connections and defined gateways.

**Principle 4.1: New ground-level pedestrian connections will be created between the campus and surrounding city destinations, institutions, streets and public spaces.**

Significant new pedestrian connections will be created from campus promenades, pathways and spaces to perimeter areas to strengthen connections between the city and campus. These will include:

- two new pedestrian connections at Clunies Ross Street
- a direct public-space link to the future light rail station on Barry Drive
- a new underpass to Barry Drive
- laneway connections to the campus from Childers Street
- streetscape enhancements to University Avenue
- a promenade link to New Acton
- enhanced pedestrian links to the National Museum of Australia.

**Principle 4.2: Two new major public spaces will be created around the campus perimeter to meld community and University activities.**

The existing spaces between the School of Music and the School of Art & Design will be renewed to create a new public events lawn in association with the redevelopment of the Baldessin catalyst site. The Baldessin redevelopment frontage to Childers Street could incorporate an ANU gallery, and the events lawn will provide a much-needed formal and public setting for the two nearby schools, as well as a connection between ‘town and gown’.

South of the campus, a new public park will be created that links the Peninsula Hub to the edge of Lake Burley Griffin and the West Basin redevelopment.

**Principle 4.3: Catalyst projects on the campus perimeter will create well-defined campus gateways, and strengthen city connections by accommodating research partnerships and community-facing activities.**

Architectural and landscape design will be used to create well-defined campus gateways on the campus perimeter. Catalyst projects at gateways will house research, teaching and cultural facilities that support interaction between ANU and external partners.

The design of catalyst projects will clearly define campus gateway locations by creating:

- buildings that address the most visible street corners
- landscaped spaces that both mark the street corners and facilitate visibility into buildings
- areas where semi-public activities such as research display, ANU collections or cultural facility foyers are clearly visible from the street.

**Principle 4.4: Streetscape continuity, presentation and amenity around the campus perimeter will be enhanced with soft and hard landscaping.**

Perimeter streetscapes linking to campus promenades will be enhanced with consistent landscaping that emphasises connections between the campus and surrounding areas. Urban interface streets such as Childers Street and Marcus Clarke Street will be enhanced with high-quality streetscape treatments. In less urban settings, the bush-campus character of the campus will be supported by native and ecologically responsive plantings.
Civic Interface

Connections between the Acton Campus and Civic will be strengthened with enhanced streetscapes, a major new cultural and events space between the School of Music and the School of Art & Design, and catalyst projects that create distinctive University gateways. These elements will bring the Canberra community and the University together, with a strong focus on arts, research and city living.
Activated ground floor along Childers Street with wide footpaths, seating and mature trees
Civic Interface

Design elements

Catalyst projects - built form

1. Gateway buildings will be created where more prominent and open parts of buildings directly face street corners, showcasing distinctive ANU culture and achievements.

2. Streets will be activated by locating primary entrances and interactive uses on lower levels of buildings.

3. Laneways will be activated by locating secondary entrances and multi-use spaces.

4. The consistent ANU palette will extend to all catalyst projects – see Principle 5: Harmonious ANU-distinctive design.
Design elements

Streetscape and public-space connections

1. University Avenue will continue as the major connection between Civic and Kambri.
2. Additional laneway connections will be created between buildings.
3. A new road and pedestrian link will be created from Childers Street to Ellery Crescent.
4. Childers Street footpaths will be widened and enhanced using the Kambri public-realm palette, bespoke seating and public art.
5. A major new events lawn will be created. See following page for details.
A major new space will be created between the School of Music and the School of Art & Design. In concert with the redevelopment of the Baldessin site, a new events lawn will be created. The events lawn, designed to amplify the shape of the original ‘tear drop’ of the 1930s’ layout, will provide a much-needed formal public setting for the School of Music and the School of Art & Design, as well as a public events space that will connect ‘town and gown’.

The space will be created by removing at-grade car parking around the Baldessin and School of Music buildings, and reallocating these spaces to a potential underground space in the Baldessin redevelopment and/or a parking station between the School of Music and the School of Art & Design.

The campus perimeter link road (see Principle 3: Vehicle-restricted heart) will connect to Ellery Crescent along the north-west edge of the events lawn, and a new at-grade pedestrian crossing will be provided to the Baldessin redevelopment.

The Baldessin redevelopment could include a new ANU cultural facility such as an art gallery or concert hall, which will link to existing schools within the precinct. A generous new events lawn that retains existing trees will be created, with views to the heritage frontages of the School of Music and the School of Art & Design.
An events lawn can provide a new Canberra community connection space.
Design elements

Ground-level connections

1. The site alongside the existing Baldessin Building presents opportunities for redevelopment incorporating a new gallery, concert hall or public-facing/teaching learning facility that clearly addresses and activates the new events space with potential underground parking.

2. At-grade parking will be reduced to facilitate the creation of an events lawn by relocating parking spaces to underground and/or vertical parking structures.

3. On street access will be provided to the Baldessin precinct building underground car parks.

4. The road will be realigned and relocated.

5. A generous new events lawn will be created that retains existing trees and maintains views to the heritage frontages of the School of Music and the School of Art & Design. A new perimeter link road will be accommodated north-west of the events lawn.

6. Redevelopment of an area of at-grade parking presents opportunities to establish a new mixed-use facility, which may include underground parking.

7. Existing parking to be redeveloped to establish a new mixed-use facility.
Integration with CSIRO will be enhanced through two new pedestrian connections across Clunies Ross Street.

Catalyst projects will foster research partnerships with CSIRO and the Australian National Botanic Gardens, and enhanced pedestrian and cycling routes along Sullivans Creek will strengthen north and south connections to the existing Canberra network. The streetscape will be enhanced with new landscape treatments and built forms that frame and provide ‘natural surveillance’ to the street. A new ecological link between Black Mountain and the campus will be established.
Design elements

Catalyst projects - built form

1. A new ‘gateway’ building will define and contribute to the street corner and showcase distinctive ANU culture and achievements, and CSIRO/ANU research partnerships.

2. A catalyst site redevelopment will frame the street and provide interior spaces where people can view street activity.

3. Future redevelopment of sites fronting Clunies Ross Street will frame the surrounding landscape.
Design elements

Streetscape and public-space connections

1 Clunies Ross Street will be enhanced with bush-campus treatments and generous footpaths, including vegetated swales and planted verges, with an emphasis on native plantings.

2 A new lightweight overpass will link to vegetated landforms on either side. See following page for details.

3 A new intersection will provide an at-grade crossing for pedestrians, linking to the Australian National Botanic Gardens and CSIRO.

4 An ecological connection will be established via a new vegetated underpass.

5 Plantings in the ecological corridor will be protected.
Clunies Ross Street carries both local and regional traffic, and is a busy road that forms a physical barrier between ANU and CSIRO for pedestrians. The Master Plan team investigated a range of options for providing a seamless connection across Clunies Ross Street, including shared zones, cut-and-cover tunnels, a land bridge, and further traffic calming and speed reductions to create a more pedestrian-friendly street environment.

The recommended solution is a grade-separated connection that minimises impacts on surrounding buildings while optimising easy access for pedestrians and cyclists. This structure will create a visual marker that can be seen from University Avenue along its length and into Civic, defining the termination of this important Griffin axis.

The design creates a gradual ramping to avoid obstruction of ground-level activities in adjacent buildings, while maintaining the green character of University Avenue.

The deck of the over-bridge is circular. A circular design has been chosen for two reasons: first, it provides an opportunity for further ramping over the road, minimising ramping on the land side; second, circular forms terminating axes are a feature of the Griffin plan for Canberra. The circular bridge deck will be supported on two tall masts that mark the end of the Griffin axis and create a visible ANU gateway on Clunies Ross Street.
Design elements

1. The land form will incorporate ramping, stairs and the tree-lined, green characteristics of University Avenue.
2. The bridge deck will be lightweight and ramped.
3. A land-form link will be designed in collaboration with CSIRO.
Barry Drive will be enhanced as a major campus gateway, with streetscape improvements and catalyst projects. A major pedestrian and cycle connection along Sullivans Creek under Barry Drive will be established, linking the University to the city's green-space network.
A pedestrian underpass and pathway will be created alongside Sullivans Creek, linking sports fields either side of Barry Drive, and connecting to the Canberra green corridor network.
Design elements

Catalyst projects - built form

1. An ANU gateway project will be included.

2. Parking and service structures will be designed to visually recede within the bush-campus landscape edge of Barry Drive.

3. Streets will be activated by the inclusion of primary entrances and interactive uses on lower levels.
Design elements

Streetscape and public-space connections

1. Tall trees will define a new pedestrian and cycle connection to public transport.

2. Barry Drive will be enhanced with bush-campus treatments and generous footpaths, including vegetated swales and planted verges, with an emphasis on native plantings.

3. A wide pedestrian underpass and pathway will be created alongside Sullivans Creek, linking sports fields either side of Barry Drive, and connecting to the Canberra green corridor network. This underpass will be wide enough so that the sports fields either side of Barry Drive are visible from each other, ensuring a safer underpass through informal surveillance.

4. Existing campus entrances will be enhanced for pedestrians through improved landscape treatments and linked more conveniently to car parking.
West Basin Interface

The campus interface with the West Basin will feature a major new terraced park and a significant catalyst project, visible from Lake Burley Griffin, which will strengthen the University’s links to national institutions and lakeside spaces. New ANU housing will link with New Acton.

South of the city centre, the campus perimeter will be enhanced with streetscapes and buildings that complement the existing heritage and significant buildings set in a bush landscape.

Design elements

Catalyst projects - built form

1. A new ANU facility will be created that links with national institutions. It will be designed to activate the new park and be visible from Lake Burley Griffin.

2. New extensions to the Crawford School of Public Policy will frame and activate public space.

3. Existing heritage cottages will be repurposed, potentially for residential uses.

4. New housing will be designed to visually recede within the bush-landscape setting.
**Design elements**

**Streetscape and public-space connections**

1. New pedestrian and cycle links will be created.
2. A new vehicular entry will be created, with a new street linking Bachelors Lane to Liversidge Street.
3. Bush-campus landscape and streetscape enhancements will include footpath upgrades and the planting of native vegetation that complements the character of existing streets and site-perimeter plantings.
4. Ecologically important planting will be linked and consolidated.
The view of the campus from Parkes Way will be enhanced with consolidated bush-campus planting. New buildings will overlook a new promenade and create an enhanced view to the campus.
Design elements

Landscape and public-space connections

1. Pedestrian and cycle pathways will connect to the campus promenade network and Canberra recreational pedestrian/cycle path network.

2. Buildings and pathways will be designed in concert to ensure people can view pathway activity from interior spaces.

3. The ecological function of this area will be maintained and consolidated as a green gateway to the campus.
Principle 4 interfaces plan

**Legend**

1. Reshaped public realm structure connected to the city
2. Catalyst sites and enhancements to interact with the Canberra setting
Principle 5: Harmonious ANU-distinctive design
The ANU campus will reflect a harmonious and coherent approach to architecture and landscape, with buildings complementing rather than competing with the natural landscape.

New buildings, in their massing, materials and landscape features, will demonstrate evolution, continuity and respectful integration with the existing campus setting; contributing to an overall sense of calm and timeless elegance.

A consistent palette of colours, textures and materials will be applied to new buildings and the public realm. New buildings and landscape features will interpret characteristics of existing significant buildings and the campus landscape, particularly courtyards and loggias, informal native plantings, and linear avenues of trees. The scale and massing of new built forms will be sympathetic to existing buildings.

ANU’s distinctively vital culture will be expressed in public and semi-public spaces in and around buildings. These spaces will be designed to support collegiality, interactivity and the display of ANU achievements and research. The unique values of heritage places on campus will be supported in landscape and architectural design.
Principle 5.1: A harmonious architectural character will be created.

A harmonious character will be created through:

- application of a consistent palette of external colours, textures and materials
- scale and massing that are sympathetic to existing buildings
- consistent creation of courtyards
- use of loggias fronting promenades and hub public spaces.

Creating a more coherent campus setting is a key objective of this Master Plan. In recent decades, buildings have exhibited a wide variety of architectural approaches. However, there is a core of significant and historical architecture across the campus where restrained colour palettes and heavyweight or ‘solid’, rather than lightweight or fully transparent, materials predominate. This Master Plan establishes an architectural palette of colours, textures and materials that complement these existing significant buildings; applying this palette across the campus will create a more coherent architectural environment overall.

The architectural palette was initially established for the Kambri project, and was derived from the Chifley Library. For the Master Plan, this palette has been adapted to extend beyond the Kambri Hub. It comprises predominantly restrained and pale colours, with textures and materials that belong to a more heavyweight style of architecture. Accents of muted ochre adjacent to buildings featuring red brick or pink stone have been added to adapt the palette for application across the campus. The palette will be applied to help express appropriate scale and to indicate elements such as entrances and specific functions within buildings, and to distinguish between institutional and residential buildings.

Throughout the campus, the preference will be for buildings that have a timeless elegance, deploying a restrained expression and a calm, orthogonal geometry. An architectural palette designed to achieve a ‘quieter’ architectural expression is intended as an overall guide to unite and cohere buildings rather than a prescriptive design limitation. Designers should employ this palette and approach sympathetically within the wider campus landscape and architectural context.

To create a more coherent campus, overall scale and massing of new buildings must also be sympathetic to the scale and massing of existing significant architecture.

The tranquil landscaped courtyard is a recurring spatial type around the ANU campus, occurring in both historical and contemporary architecture. This spatial type is highly valued by the ANU community, and new projects on campus will be required to include courtyards as a consistent feature.

Loggias are a recurrent architectural element in existing significant architecture. In buildings that front promenades and hub public spaces, loggias should be used to create sheltered interactive spaces and to provide a unifying spatial treatment for the lower floors of buildings.

The ANU Acton Campus Design Guide provides more details of all the elements described above.
Harmonious architecture

Light colours predominate across entire campus

Mid tones – potential for accent in Menzies and Birch precincts

Bronze for window frames and sun-shades across campus
Harmonious architecture

The John Curtin School of Medical Research

ANU College of Law

Research School of Psychology

Painted white metal columns

White concrete columns and fins where required

Charcoal as recessive colour
Harmonious architecture

Courtyards

Research School of Psychology courtyard
ANU College of Law courtyard
University House courtyard

Enclosed courtyard
Partially enclosed courtyard
Loggias

Chifley Library loggia

University House loggia

Research School of Psychology loggia

Expressed frame buildings with fins

Ground floor loggias
Harmonious landscape

**Principle 5.2: A harmonious landscape character will be created.**

A harmonious landscape character will be created through:

- application of a consistent palette of materials in public spaces
- interpretation of existing significant landscape settings into new design.

The new public spaces of the campus – the hub public spaces and landscaped promenades – will provide the structured public realm that the campus currently lacks. It is important that this public realm is experienced as continuous and consistent across the campus, aiding easy campus navigation and creating greater coherence.

As described in Principle 2, the promenades will be consistent in their quality and in their design details. This will also apply to hub public spaces. The palette for both the promenades and public spaces is derived from the Kambri palette, and is described in the *ANU Acton Campus Design Guide.*

The University's landscape setting is striking. Of particular note are:

- the foreground of mature ‘informal’ eucalyptus landscapes
- avenues of seasonal trees
- tranquil treed courtyards, often with ornamental pools and sculptures
- landscapes and trees of cultural heritage value
- views to Black Mountain
- areas of particular scenic value alongside Sullivans Creek.

The consistent interpretation of these landscape elements into new designs will reinforce the creation of a more coherent campus environment.
Harmonious landscape
Vistas in the landscape
Ornamental water pool
Tree lined avenues
Buildings recessive in the landscape
Creek setting
Creek setting
Vistas in the landscape
Principle 5.3: ANU values of collegiality, inclusivity and the pursuit of excellence will be embedded in all design.

Seven key University values are expressed in the ANU Strategic Plan 2019–2022. Several of these values can be embedded in the design of the campus environment, particularly the values of collegiality, inclusivity and the pursuit of excellence.

These values will be supported in public and semi-public spaces by providing a network of informal social spaces in and around buildings. These spaces will be open, accessible and welcoming, and act as display points for ANU achievements and research. The ANU Acton Campus Design Guide includes specific provisions for the design of public and semi-public spaces that support interactivity and inclusivity.

Excellence in design will be pursued in all projects, through the University’s governance framework.
Principle 5.4: The values of Aboriginal and Torres Strait Islander and other cultural heritage places will be supported through design.

The ANU Acton Campus Heritage Framework describes key components of the Griffin Plan that are embedded in the structure of streets on the campus: University Avenue, Childers Street, Ellery Crescent and Liversidge Street. The Master Plan recognises these components and will preserve and highlight them through landscape enhancements.

The ANU Acton Campus Heritage Framework also identifies significant heritage buildings and associated curtilages, significant landscapes, and supporting heritage buildings. In addition, the plan identifies Aboriginal values and places including cultural corridors, culturally significant places and areas of high archaeological potential (Priority Conservation Areas). The framework informs the Master Plan, identifying constraints as well as areas where the unique attributes of the campus can be amplified through design.

Areas of particular Aboriginal cultural heritage value mapped in the ANU Acton Campus Heritage Framework have been prioritised in the Master Plan, and are described in the ANU Acton Campus Design Guide.

The values of heritage buildings will also be supported and celebrated through design. Projects within heritage curtilage areas will require conservation plans to guide design. Buildings adjacent to heritage buildings that are higher than heritage buildings will be required to step down to achieve a transition in scale. Provisions for adjacencies to heritage buildings are included in the ANU Acton Campus Design Guide.
Indigenous and heritage values

LEGEND

- Significant heritage buildings
- Significant building heritage curtilage
- Significant landscapes (associated with significant buildings)
- Significant cultural places (including scarred trees)
- Priority conservation areas (predicted archaeological potential)
- Acton Peninsula Corridor (extensions over Sullivans Creek and beyond the campus boundary shown dashed)
- Former Sullivans Creek Corridor
Principle 6: Vibrant living and working environment
ANU will be a lively and engaging place to live and work. The public and semi-public spaces of the campus will be sociable, safe, welcoming and well used.

Living spaces and workplaces will be located in hubs and alongside promenades. Buildings and public spaces will be designed to maximise community safety and interactivity. The landscape setting and bush-campus environment will provide ample opportunity for recreation and enjoyment.
Principle 6.1: A vibrant living environment will be created.

A vibrant living environment will be created by:

> locating accommodation within, or immediately adjacent to, hub centres
> providing accommodation that can be occupied outside of term time
> providing more diverse accommodation for post-graduates, undergraduates and staff alumni
> providing interactive communal spaces as part of accommodation development.

The Master Plan locates residential uses within or adjacent to hubs, so that residents, staff and students come together within a campus setting energised by people and life in the public realm. Incorporating accommodation into the hub structure will also provide residents with convenient access to campus services and facilities and direct, safe pedestrian links to nearby destinations such as Civic and New Acton.

For several months of the year during semester breaks, the campus is quiet and lacks vibrancy. Providing accommodation that can be used outside of semester for seminars, conferences, block teaching etc. will even out the peaks and troughs of on-campus activity throughout the year.

ANU will continue to tailor the quality and type of accommodation to the needs of its targeted groups, while creating a setting that is desirable to live in. Given the University’s ambition to further strengthen its research offering, providing more high-quality post-graduate accommodation is particularly important. An active program to involve staff alumni and visiting scholars also plays a significant role in University life, and opportunities exist to expand accommodation for this group in the future. Residences need to be designed for diverse cohorts and household types, from young single students to group-living configurations and family housing.

In residential environments, interactivity can be supported by providing communal spaces that are:

> located across floors/levels
> easily accessible and visible
> designed as façade elements that interact with external social spaces
> supported by digital technology
> inviting for informal congregation, for example barbecue areas and al-fresco dining.
**Principle 6.2: A vibrant working environment will be created.**

A vibrant working environment will be created by:

- locating new workplaces within hubs and along promenades
- providing interactive communal spaces balanced with spaces for quiet reflection and individual focus.

The Master Plan locates new workplaces within or adjacent to hubs, and alongside promenades, ensuring these spaces are well integrated with the public realm structure of the campus.

Interactivity within workplaces will be encouraged by providing communal spaces that are:

- located across floors/levels
- easily accessible and visible
- designed as façade elements that interact with external social spaces
- inviting for informal congregation, for example barbecue areas and al-fresco dining, kitchens, stair landings and collaboration spaces.

These vibrant working and living spaces will be balanced with quieter spaces for reflection and study. Public spaces and the edges of buildings in the hubs and promenades will be more public and interactive. Courtyard buildings will provide the next ‘layer’ of semi-public domain, belonging to a particular college, accommodation or collaborative research facility etc. A final ‘layer’ of quieter spaces bordering bush landscapes will then be provided.

The *ANU Acton Campus Design Guide* provides further detail on the structuring and design of these spaces.

**Principle 6.3: Community safety will be incorporated in all design.**

Stakeholders consistently raised safety on campus as a key concern.

Organising the campus around hubs and promenades will enhance safety by providing defined and activated routes, which will be well lit and well used. Buildings on promenades and at hubs will provide ‘eyes to the street’ through their design, creating a sense of safety. Safety also will be enhanced through lighting, the elimination of hiding spaces and blind spots in pedestrian areas, and the installation of CCTV.

The *ANU Acton Campus Design Guide* includes Crime Prevention Through Environmental Design (CPTED) principles to foster safety in the built environment.
Principle 6.4: Occupation, safety and enjoyment of the campus landscape will be enhanced with new passive and recreation activities, and day-to-day opportunities to enjoy the landscape setting.

Day-to-day enjoyment of the landscape setting will be enhanced through the design of buildings and landscape. Framed views of the landscape from within buildings, promenades and hub public spaces will be provided. Informal edges and breakout spaces to bush landscape settings will be incorporated into building design. The ANU Acton Campus Design Guide provides more detail on these elements.

Recreational opportunities will be enhanced, with new pathways that provide greater access to existing facilities and new recreation facilities and spaces alongside Sullivans Creek. These will be combined with the new network of hubs and promenades to create a vibrant and well-used campus environment.

Design elements

1. A campus recreation corridor comprising existing and new passive and active recreation facilities will be created, centred on Sullivans Creek.
2. The campus recreation corridor will be part of a network of green recreation spaces throughout the campus.
3. The promenades and campus pathways will connect to green passive and active recreation spaces.
4. Two new bridges will connect recreation activities along the creek to one another.
5. The campus recreation corridor will connect to the regional network of pedestrian and cycling infrastructure north and south of the campus.
The Sullivans Creek Corridor is a major contributor to campus amenity and liveability. The creek has Aboriginal cultural meaning and history, very high scenic values, significant ecological value, and high recreation values.

In addition to working as a recreation corridor, as described above, Sullivans Creek corridor will be a key interpretive and ecological corridor running the full length of the campus. The relocation of at-grade parking to perimeter parking stations will create space for new passive and active recreation opportunities. Revegetation of the corridor with native and traditional food and fibre species will encourage engagement and bring new life to the creek.
Design elements

1. Revegetated zones of native and traditional species will be created alongside the pedestrian and cycle pathway.
2. Interpretive creek outlooks will be provided.
3. Outdoor play areas and natural play sites for children of varying ages may be provided.
4. Outdoor gym zones may be located along the pathway.
5. A new park space will be created by relocating at-grade parking; the new space will include an informal reflection space overlooking the creek.
6. Outdoor learning/informal study areas and community spaces will be provided that can be used year-round.
7. New recreation facilities will be included on sites fronting the creek, which will connect to and enhance the creek edge.
Principle 7: Environmental sustainability
The campus will demonstrate the University’s environmental sustainability through a suite of initiatives across all areas of environmental impact, including energy use, habitat, resources and waste.

Carbon emissions generated by the University will be reduced over the life of the Master Plan. The University's environmental sustainability will be reflected in all new architecture, public-realm, and landscape projects on campus.

This principle reflects an objective from the ANU Strategic Plan 2019–2022 – ‘to reduce carbon emissions intensity over the life of the Plan’, and a number of its initiatives are based on the ANU Acton Campus Energy Management Strategy.
Principle 7.1: District energy plants will be integrated into hubs.

The ANU Acton Campus Energy Management Strategy provides a framework to create a leading energy-efficient and carbon-positive campus with 100% renewable energy.

The ANU Acton Campus Energy Management Strategy details how this will be achieved. A key initiative is to integrate district energy plants into hubs, using the concentration of development created by the hubs to leverage efficiency.

Principle 7.2: Low-carbon transport and mobility choices will be actively supported through campus mobility planning.

Principle 3 entails an integrated transport system across pedestrian, cycle, campus shuttle and public transport initiatives, providing convenient alternatives to private motor vehicles.

End-of-trip facilities will be incorporated into mobility nodes, visitor and casual bicycle parking will be provided in public spaces and hubs, and parking stations will incorporate electric-vehicle recharging facilities.
LEGGEND

- Hubs where energy plants are integrated
- Integrated district energy plants
- Connections
- Catalyst sites
Principle 7.3: Land and water habitats will be enhanced through ecological landscape links and water-sensitive urban design (WSUD).

The diagram on the opposite page identifies areas where connections between habitats will be improved with new biodiversity links and stronger existing biodiversity links. This will occur through careful selection of plant species used on the ground, at tree canopy level, and for integration into built structures.

The structural complexity of habitats will be increased through the use of native species for landscaping.

Listed ecological communities/habitats, species and significant ecosystems on campus will be protected and restored.

On-site natural water filtration will slow down, hold and buffer stormwater and rainwater, allowing it to infiltrate naturally back into the Sullivans Creek watercourse or be retained on site for harvesting and reuse. Space will be allocated in development for WSUD waterbodies, reedbeds, rainwater gardens, water harvesting and areas of ground percolation.

Community awareness will be increased by improving signage and other communication around habitats and conservation areas on campus.
LEGEND

Areas designed for natural filtration of water
Rain gardens integrated into new landscape
Existing drainage infrastructure
Water flow over land
Stormwater storage
**Principle 7.4: Buildings and landscapes will be designed to reduce energy, minimise waste, support habitat health, and demonstrate environmental leadership with visible initiatives.**

New buildings will minimise energy use through passive solar design; photovoltaic arrays will be integrated into new buildings and retrofitted into existing suitable buildings. Low-embodied-energy and recyclable materials will be used wherever possible.

The *ANU Acton Campus Energy Management Strategy* provides renewable energy targets and strategies to reduce energy use and integrate renewables as part of the move towards a carbon-positive community. The *ANU Acton Campus Energy Management Strategy* also identifies buildings and potential new sites that are suitable for photovoltaic arrays.

The Master Plan sets in places strategies to ensure areas of high ecological and landscape value are restored and protected in the future development of the campus. It establishes initiatives to ensure habitats are extended, their health and resilience strengthened and that they are maintained as part of a connected network of biodiversity links. It provides principles and spatial initiatives to ensure buildings and landscape are designed as exemplars of environmental leadership and as tools for teaching, learning and research. Environmental data will be linked to ongoing research as part of a campus-wide monitoring system. Digital monitoring systems will also be employed to optimise energy efficiency.
Implementation framework
Elements of the framework

This implementation framework provides an overview of major capital projects and work programs required to realise the aims of the Master Plan. The framework is divided into three streams that reflect the order of implementation:

Together, these three implementation streams provide a clear understanding of how to:

> implement the plan
> site existing known opportunities
> use the plan to identify locations of emerging opportunity projects
> advance conversations with key stakeholders and partners to deliver city-wide benefits.

Partnership opportunities

The Master Plan highlights key opportunities to work in partnership with the ACT Government, National Capital Authority and city neighbours to advance projects that extend the University’s connection with Canberra and potential research partners, with the goal of delivering city-wide benefits.

Acton Campus Master Plan Implementation Framework

1. 2019-2023 Five year initiatives
   Incorporating current capital works developments

2. 2023 and beyond initiatives
   Future capital works developments

3. Opportunity sites
   Provides a simple summary of the development areas for projects which can be undertaken at any time and in alignment with Streams 1 and 2
Governance

The governance framework for the ANU Acton Campus Master Plan and associated documents will ensure that immediate and long term projects undertaken comply, and remain in line with, the Implementation Plan.

The Campus Planning Committee is a Committee of Council and will provide the overarching guidance on all projects. It will consider a progress report on the implementation of, and compliance with, the ANU Acton Campus Master Plan at each of its meetings. Generally, six meetings are held each year. It is expected that every project or proposal for work will report against the seven principles of the Master Plan. An annual report will be provided on compliance with the Master Plan, through the Campus Planning Committee to the University Council.

The Facilities and Services Division will generally be responsible for the implementation of the ANU Acton Campus Master Plan and associated documents. The Division will be supported by a strong governance framework, receive assistance from technical experts and supporting industry partners. The University will appoint a dedicated program manager to the overall implementation for its first three years.

The alignment to the ANU Acton Campus Design Guide and the ANU Acton Heritage Framework will be monitored by the University’s Campus Development Advisory Committee (CDAC). The Committee is an advisory committee reporting to the Chief Operating Officer and advising the Campus Planning Committee. The CDAC has the primary function to provide the University Executive with confidence that projects considered, planned or being undertaken on campus meet the highest design quality.

All projects must demonstrate that Precinct and development codes are met, and that they enhance the built form landscape and environmental aspects of the campus. In particular, proponents will be asked to demonstrate how projects are consistent with the seven principles of the Master Plan, and how the design advice contained in the ANU Acton Campus Design Guide and ANU Acton Heritage Framework has been interpreted and integrated.

Further, as part of the overall Implementation Plan, it is intended that an Energy and Sustainability Advisory Committee be formed to provide specialist advice to support the delivery of the ANU Acton Campus Energy Management Strategy. This committee will report to the Chief Operating Officer. An independent chair will be appointed with expertise in the energy, sustainability and environmental sectors. The Committee will also include staff and student representatives from the University, along with external industry professionals for specific pieces of work.

After two years, implementation progress on the ANU Acton Campus Master Plan will be the subject of an independent audit and report to the Audit and Risk Management Committee of the University Council.
The ANU Acton Campus Master Plan identifies a number of strategic spatial and urban initiatives. The initiatives are underpinned by seven principles and have been prioritised based on their impact on the campus and their contribution towards achieving the plan’s goals.

These projects range from major pieces of urban infrastructure (e.g., cross-campus promenades and vehicular movement networks) to the identification of key public space upgrades and catalyst sites across the campus.

The plan provides a collection of projects that are:

- Quick wins – projects that can be delivered as part of existing capital projects and do not require major transport network realignments
- Key enabling works – selected high-impact projects that will enable the implementation of major Master Plan elements such as promenades and major public spaces.
- Primary Master Plan elements – staged delivery of major promenades and urban spaces that will have the highest impact on the campus and enable future growth and opportunity
- Other major redevelopment projects – longer-term Master Plan initiatives that can occur only after primary elements have been developed.

All project proposals will be reviewed against the principles of the Master Plan and the design guide checklist by the Campus Planning Committee. Project proponents will be required to accompany presentations, drawings and report with written statements and diagrams/drawings describing how the project aligns with the Master Plan and Design Guide checklist.
Stream 1: 2019-2023 Five year initiatives
### Table One: Master Plan initiatives 2019-2023, their locations on the campus, project type and benefits for the campus.

<table>
<thead>
<tr>
<th>INITIATIVE</th>
<th>TYPE</th>
<th>SIGNIFICANCE AND BENEFITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>University Avenue West</td>
<td>Public realm/landscape</td>
<td>Completion of main through-campus promenade to align with Kambri and Bruce Hall and Wright Hall developments.</td>
</tr>
<tr>
<td>Ellery Walk</td>
<td>Public realm/landscape</td>
<td>The removal of existing roads liberates space within the campus to establish a new pedestrian and cycling prioritised routes links directly into Ellery Crescent.</td>
</tr>
<tr>
<td>CECS Facility</td>
<td>Refurbishment/new building and public realm/public art</td>
<td>New CECS facilities accommodating planned College expansion and providing mixed/collaborative research facilities for industry partnership. Development will improve the safety and legibility and activate this corner of the campus and its link to public transport on Barry Drive. Heritage significance through reorientation and placement of public art.</td>
</tr>
<tr>
<td>Multi-storey car parking - mixed use projects</td>
<td>Refurbishment/new buildings/public realm</td>
<td>To align with Principle 3: Vehicle-restricted heart. Multi-storey car parking stations/mixed use buildings located on the campus perimeter. To consider façade treatments that reduce the car park appearance and be easily accessible with uses promoting industry partnership.</td>
</tr>
<tr>
<td>Daley Promenade extension and new South Bridge</td>
<td>Public realm</td>
<td>Enhancement and improved integration of Daley Road enhancement to establish a key pedestrian/cycling promenade with direct and safe connection onto Barry Drive and key public transport link.</td>
</tr>
<tr>
<td>New link to Clunies Ross Street</td>
<td>Public realm</td>
<td>As part of the SA8 development a new campus connection will be provided establishing direct vehicular and safe pedestrian/cycling access to Clunies Ross Street with a controlled intersection for safe crossing. Enhanced landscape links and landscape corridors.</td>
</tr>
<tr>
<td>New pedestrian bridge</td>
<td>Public realm</td>
<td>Connector across Sullivans Creek to SA8 student housing complex.</td>
</tr>
<tr>
<td>Sullivans Creek</td>
<td>Public realm</td>
<td>The ecological values of the creek corridor enhanced and interpreted establishing improved landscape quality and biodiversity and more sympathetic treatment of adjacent building façades. Reinforce and celebrate Indigenous heritage through landscape design.</td>
</tr>
<tr>
<td>Catalyst Project - Recreation and amenity</td>
<td>New building and public realm</td>
<td>Introducing a potential gym, recreation facilities to support the activation and diversification of Sullivans Hub.</td>
</tr>
<tr>
<td>Menzies Walk</td>
<td>Public realm</td>
<td>Streetscape improvements and prioritisation of a pedestrian and cycling prioritised public realm. Landscape enhancements to create vehicle restricted heart.</td>
</tr>
<tr>
<td>City Promenade</td>
<td>Public realm/landscape</td>
<td>Newly defined pedestrian and cycling route connecting the campus to New Acton and Civic, linking into and extending the established city active transport network. Campus edges are defined to facilitate Civic interactions through landscape design.</td>
</tr>
<tr>
<td>Childcare Centre</td>
<td>New building</td>
<td>Consolidation of existing facilities into new building.</td>
</tr>
<tr>
<td>Kambri/Fellows Link</td>
<td>Public realm/landscape</td>
<td>Creation of a new pedestrian and bicycle access path.</td>
</tr>
<tr>
<td>Arts Precinct - Shared events Space</td>
<td>Public realm</td>
<td>Reconfigured road and roundabout establish a new events space which unites and elevates School of Arts and Design and School of Music precinct as a Canberra destination.</td>
</tr>
<tr>
<td>Hub Public Space</td>
<td>Public realm/landscape</td>
<td>A major public plaza and outdoor events space providing an activated and legible focus at the intersection of University Ave and Ellery Walk. An open and large multi-use green space will enable formal and informal events and activities.</td>
</tr>
<tr>
<td>INITIATIVE</td>
<td>TYPE</td>
<td>SIGNIFICANCE AND BENEFITS</td>
</tr>
<tr>
<td>------------</td>
<td>------</td>
<td>--------------------------</td>
</tr>
<tr>
<td>Photovoltaics on car parking</td>
<td>New infrastructure</td>
<td>All new car parking stations to include Photovoltaics (PV's) on the roof top where feasible</td>
</tr>
<tr>
<td>Energy Dashboard</td>
<td>New system</td>
<td>Installation of a real time energy dashboard to analyse building energy consumption to inform energy reduction initiatives</td>
</tr>
<tr>
<td>Acton Campus Master Plan Governance</td>
<td>Governance</td>
<td>By September 2019, implement the governance framework to provide guidance and drive initiatives from the Acton Campus Master Plan and supporting documents/frameworks.</td>
</tr>
<tr>
<td>Acton Campus Master Plan Space Activation Services</td>
<td>Governance</td>
<td>Cultural public space activation services responsible for delivery of community programs, projects and events across all hubs.</td>
</tr>
<tr>
<td>Internal energy pricing/ accounting system (Smart Metering and Monitoring)</td>
<td>Audit</td>
<td>Establish internal tariff systems reflective of true cost and benefit of distributed energy resources, enabled by automated capture of demand, consumption, generation and building environment and use data.</td>
</tr>
<tr>
<td>Existing building energy audits</td>
<td>Refurb</td>
<td>Audits of buildings not performing within 20% of current NCC and process loads within these will define priorities for upgrades and help likely significant energy reduction potential.</td>
</tr>
<tr>
<td>Smart Grid pilot Hub</td>
<td>New infrastructure and governance</td>
<td>Testing of processes and installations e.g. single substation level will allow optimisation of campus-wide network smart infrastructure. Basis to develop digital apps and dashboards.</td>
</tr>
<tr>
<td>3.1MW PV retrofit program on existing buildings</td>
<td>Refurb</td>
<td>Immediate opportunity to implement on-site renewable energy and realise financial benefit.</td>
</tr>
<tr>
<td>Pilot PV implementation on new buildings e.g. RSPE</td>
<td>New building</td>
<td>Realising PV installation on large area capital project demonstrates commitment to on-site renewables strategy and offsets electrical demand from new space.</td>
</tr>
<tr>
<td>GSHP feasibility study and pilot installation</td>
<td>New infrastructure</td>
<td>Hubs with mixed-use catalyst projects provide opportunities to evaluate and implement Ground Source Heat Pump plant as a pilot for key technology for transition to electric heating.</td>
</tr>
<tr>
<td>District Energy Plant</td>
<td>New infrastructure</td>
<td>Opportunity to benefit from diverse load profiles of research buildings, NCI and SA8. NCI upgrade provides opportunity for major Waste Heat Recovery.</td>
</tr>
<tr>
<td>District Energy</td>
<td>New infrastructure</td>
<td>Possible Waste to Energy plant and current waste processing facility.</td>
</tr>
<tr>
<td>Hub battery storage facility</td>
<td>New infrastructure</td>
<td>Integrate / extend existing chilled water loop to new Hub buildings.</td>
</tr>
<tr>
<td>Smart solar street lighting</td>
<td>Public realm</td>
<td>Implements technology to exchange Distributed Energy Resources behind the meter in Hub with large PV retrofit opportunity, reducing demand charges and providing research resource.</td>
</tr>
</tbody>
</table>
Stream 2: 2023 and beyond initiatives
## Table Two: Master Plan initiatives 2023 and beyond, their locations on the campus, project type and benefits for the campus.

<table>
<thead>
<tr>
<th>INITIATIVE</th>
<th>TYPE</th>
<th>SIGNIFICANCE AND BENEFITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 New North link road</td>
<td>Public realm</td>
<td>Creates a new northern road, linking Marcus Clarke Street and the western portion of the campus, with new bridge crossing of Sullivans Creek</td>
</tr>
<tr>
<td>2 Sullivans Creek north</td>
<td>Public realm/landscape</td>
<td>Creek rehabilitation and pedestrian/cycling connection under Barry Drive</td>
</tr>
<tr>
<td>3 Barry Drive – Catalyst Project</td>
<td>New building and public realm</td>
<td>Research collaboration opportunity, between ANU colleges and CSIRO, with strong visibility for the ANU onto Barry Drive.</td>
</tr>
<tr>
<td>4 CSIRO connection</td>
<td>Public realm</td>
<td>New land bridge/pedestrian and cycling overpass link to CSIRO to improve collaborative link with CSIRO.</td>
</tr>
<tr>
<td>5 Catalyst Project- Collaborative Research</td>
<td>New building and public realm</td>
<td>Catalyst sites for collaborative research facilities linking Colleges, CSIRO and ANBG</td>
</tr>
<tr>
<td>6 Lake View Promenade</td>
<td>Public realm/landscape</td>
<td>Redefinition and establishment of a key pedestrian and cycling focused routes to connect Peninsula and Sullivans Hubs.</td>
</tr>
<tr>
<td>7 Catalyst Project – Collaborative Research Resource</td>
<td>New building and public realm</td>
<td>Site for new nationally focused ANU school/research institute, with high visual presence on the edge of Lake Burley Griffin, offering an impressive new gateway site at the edge of the campus and city.</td>
</tr>
<tr>
<td>8 New Campus entry</td>
<td>Landscape/public art</td>
<td>A new relocated lake side road creates better access and permeability to the Peninsula Hub</td>
</tr>
<tr>
<td>9 Lake Axis Park</td>
<td>Public realm/landscape/public art</td>
<td>New park link to Lake Burley Griffin, activated by adjacent catalyst site provide improved ANU lake frontage and a welcoming address open to the city.</td>
</tr>
<tr>
<td>District Energy Plant</td>
<td>New infrastructure</td>
<td>Creates integrated energy infrastructure with existing central energy plant extension to CECS, new catalyst project.</td>
</tr>
<tr>
<td>Smart Grid Roll-out</td>
<td>New infrastructure and governance</td>
<td>Opportunity to trial thermal storage technology in existing plant.</td>
</tr>
</tbody>
</table>
Stream 3: Opportunity sites

Development areas for projects which can be undertaken at any time and in alignment with Streams 1 and 2
<table>
<thead>
<tr>
<th>HUBS</th>
<th>SCALE</th>
<th>RECOMMENDED SCOPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>S1 Sullivans Hub</td>
<td>1380 m²</td>
<td>Potential collaborative research with RSPE, John Curtin Medical School, CSIRO and consolidation of health precinct, mixed use.</td>
</tr>
<tr>
<td>S2 Sullivans Hub</td>
<td>1600 m²</td>
<td>Potential collaborative research with RSPE, John Curtin Medical School, CSIRO and consolidation of health.</td>
</tr>
<tr>
<td>S3 Sullivans Hub</td>
<td>1450 m²</td>
<td>Potential collaborative research with RSPE, John Curtin Medical School, CSIRO and consolidation of health.</td>
</tr>
<tr>
<td>S4 Sullivans Hub</td>
<td>2200 m²</td>
<td>Potential childcare/amenities recreation building to support the activation and diversification of Sullivans Hub.</td>
</tr>
<tr>
<td>B1 Barry Hub</td>
<td>3500 m²</td>
<td>Collaborative research, teaching, learning, mixed-use residential.</td>
</tr>
<tr>
<td>B2 Barry Hub</td>
<td>9200 m²</td>
<td>New CECS facilities accommodating planned College expansion and providing mixed/ collaborative research facilities for industry partnership. Development will activate this corner of the campus and improve the safety and legibility of the campus and its link to public transport on Barry Drive.</td>
</tr>
<tr>
<td>B3 Barry Hub</td>
<td>7200 m²</td>
<td>Research collaboration opportunity, between ANU colleges and CSIRO, with strong visibility for the ANU onto Barry Drive.</td>
</tr>
<tr>
<td>B4 Barry Hub</td>
<td>1550 m²</td>
<td>Collaborative and sporting space.</td>
</tr>
<tr>
<td>B5 Barry Hub</td>
<td>3800 m²</td>
<td>Refurbishment and reconfiguration of sport and recreation facilities as part of a campus wide deployment of sporting resources in or adjacent to hubs.</td>
</tr>
<tr>
<td>B6 Barry Hub</td>
<td>2600 m²</td>
<td>Utilisation of current at-grade car park to provide additional collaborative space.</td>
</tr>
<tr>
<td>B7 Barry Hub</td>
<td>1900 m²</td>
<td>Potential collaborative research, teaching and learning space</td>
</tr>
<tr>
<td>B8 Barry Hub</td>
<td>6500 m²</td>
<td>Collaborative space and mixed-use residential</td>
</tr>
<tr>
<td>K1 Kambri Hub</td>
<td>4300 m²</td>
<td>Mixed used development, collaborative learning, academic, residential, collections</td>
</tr>
<tr>
<td>K2 Kambri Hub</td>
<td>3700 m²</td>
<td>A new ANU ‘inner gateway’ on catalyst sites a junction of Ellery Walk and University Avenue which presents ANU ‘city facing’ culture and facilities, and activates promenades.</td>
</tr>
<tr>
<td>K3 Kambri Hub</td>
<td>8300 m²</td>
<td>Potential city living and commercial collaboration site (new university/civic gateway buildings).</td>
</tr>
<tr>
<td>K4 Kambri Hub</td>
<td>9600 m²</td>
<td>Potential city living and commercial collaboration site (new university/civic gateway buildings).</td>
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</tr>
<tr>
<td>K6 Kambri Hub</td>
<td>6200 m²</td>
<td>Mixed used development, collaborative learning, academic, residential, collections.</td>
</tr>
<tr>
<td>K7 Kambri Hub</td>
<td>5600 m²</td>
<td>Mixed used development, collaborative learning, academic, residential, collections.</td>
</tr>
<tr>
<td>F1 Fellows Hub</td>
<td>1000 m²</td>
<td>Potential postgraduate housing, research and study centre.</td>
</tr>
<tr>
<td>F2 Fellows Hub</td>
<td>4600 m²</td>
<td>Potential postgraduate housing, research and study centre.</td>
</tr>
</tbody>
</table>
I was delighted when so many members of the University embraced the task of helping to shape the ANU Acton Campus Master Plan. It showed how much we cherish the character of our beloved campus, and how much vision we all have to make it even better; the Acton campus helps to define who we are as a University, and how we live and work as a community. It also showed the care we have for the future of our campus and the way the generations who succeed us will experience it. So, I begin by acknowledging and celebrate the First Australians on whose traditional lands we meet and work, and whose cultures are among the oldest continuing cultures in human history. I thank our students, staff and members of our community for their support, collaboration and feedback throughout this project.

I particularly acknowledge the contributions of a number of senior members of ANU, whose dedication to getting this project right has been equal to the size of their task: the University’s Chancellor and Chair of the Campus Planning Committee, Professor the Hon Gareth Evans AC QC; ANU Chief Operating Officer Mr Chris Grange; former Deputy Vice-Chancellor (Academic) Professor Marnie Warrington-Hughes; Director of Facilities & Services, Ms Nicki Middleton PSM; former Director of Facilities and Services, Ms Christine Allard; and Associate Director (Projects), Facilities and Services, Mr Neill J Daly. I note with gratitude the contributions of the University’s senior leadership team, the ANU Council and committee members. I thank the Project Steering Committee chaired by the Provost, Professor Mike Calford, and the Campus Development Advisory Committee, then chaired by Professor Sue Holliday.

To our industry partners and specialists, I record my gratitude for your advice and constructive feedback, in particular Mr Malcolm Snow, Chief Executive of the City Renewal Authority, as well as senior executives from the National Capital Authority, CSIRO, Australian National Botanic Gardens, ACT Government Transport Canberra and City Services and the Department of the Environment and Energy.

To the consultants and professionals who were engaged on this project, ANU thanks you for your dedication and professionalism. Mr Paul Roberts of Turnberry Consulting, who set the tone from the outset of the project with his honest assessment of the campus today. Our lead consultants at Arup: Ms Caroline Stalker, Ms Penny Hall, Mr Greg Crouch; Mr Haico Schepers and Ms Alexandra Brown; Ms Cathryn Chatburn from Urban Enquiry; Mr Arthur Petsas from Inceptio Group; Mr Peter Lovell and Ms Kate Gray at LovellChen; John Wardle Architects; Mantra Studios; and Karen Wright Projects.

Professor Brian P Schmidt AC
Vice-Chancellor and President
26 July 2019