



Southern Cross
University

2024

SOUTHERN CROSS LEARNING PRECINCT GNIBI WANDARAHN

MASTER PLAN

ACKNOWLEDGEMENT

We acknowledge and honour the Widjabul Wia-bal people's shared wisdom and being part of the many different tribes in forming the Bundjalung Nation. Tribal ancestors shaped this land based on the principles of respect, behavioural protocols and integrity under a strict code of Laws. Widjabul Wia-bal are the original custodians on their tribal boundary they call Tuckurimba, the region encompassing and surrounding what is today known as Lismore. The Widjabul Wia-bal have a unique and age-old connection with these ancestral lands and waters. We respect and recognise the Bundjalung nation's survival and continual connection with their Country, since time immemorial.

The Country around Lismore has been for millennia a meeting place. This Country is celebrated as a diverse landscape of ecologies, communities and histories – so it has been for millennia for the many clans who have been the traditional custodians of the lands around and along these northern rivers, and throughout the region.

We offer our respect to Bundjalung Ancestors and Elders past, present and emerging - in honouring Country, we also honour their timeless connections to place, people and purpose, and our shared commitment to the future. It is also here on this Country that we acknowledge our mutual responsibility to safeguard these lands, and its many sites and places, and its living history. Beyond the protection and enhancement of Country, we also make space so its traditional owners are respected, listened to and learned from, and that the connection to Country informs our decision-making.

If we care for Country, Country cares for us.

Gnibi Wandarahn (Southern Cross Place of Learning' from the Bundjalung language)

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With thanks to the NSW Department of Education for their support and the funding provided to develop the Master Plan

1

CAMPUS CONTEXT

CAMPUS CONTEXT REGIONAL ANALYSIS

NETWORK OF SCU CAMPUSES

Southern Cross University has three main east coast campuses: Gold Coast, in southeast Queensland, adjacent to Gold Coast Airport; Lismore, set among 75 hectares of lush, natural beauty in northern New South Wales; and Coffs Harbour on the northern NSW coast, also the location of our renowned National Marine Science Centre.



There are several branch campuses, including the Coomera Creative Campus on the northern Gold Coast, which operates as an educational partnership with TAFE Queensland. Additionally, there are campuses in Sydney, Melbourne, and Perth that operate in partnership with SCU Ventures. The Hotel School has campuses in Sydney, Melbourne, Brisbane, and Hayman Island, all of which operate in partnership with Mulpha Australia.

STUDENT PROFILE 2022:

- Online - 41%
- Gold Coast - 32%
- Lismore - 9%
- Coffs Harbour - 7%
- Offshore - 4%
- SCU Ventures - 4%
- Hotel School - 3%

Source: SCU Strategic Plan 2030

LEGEND

-  SCU Campus
-  Branch Campus

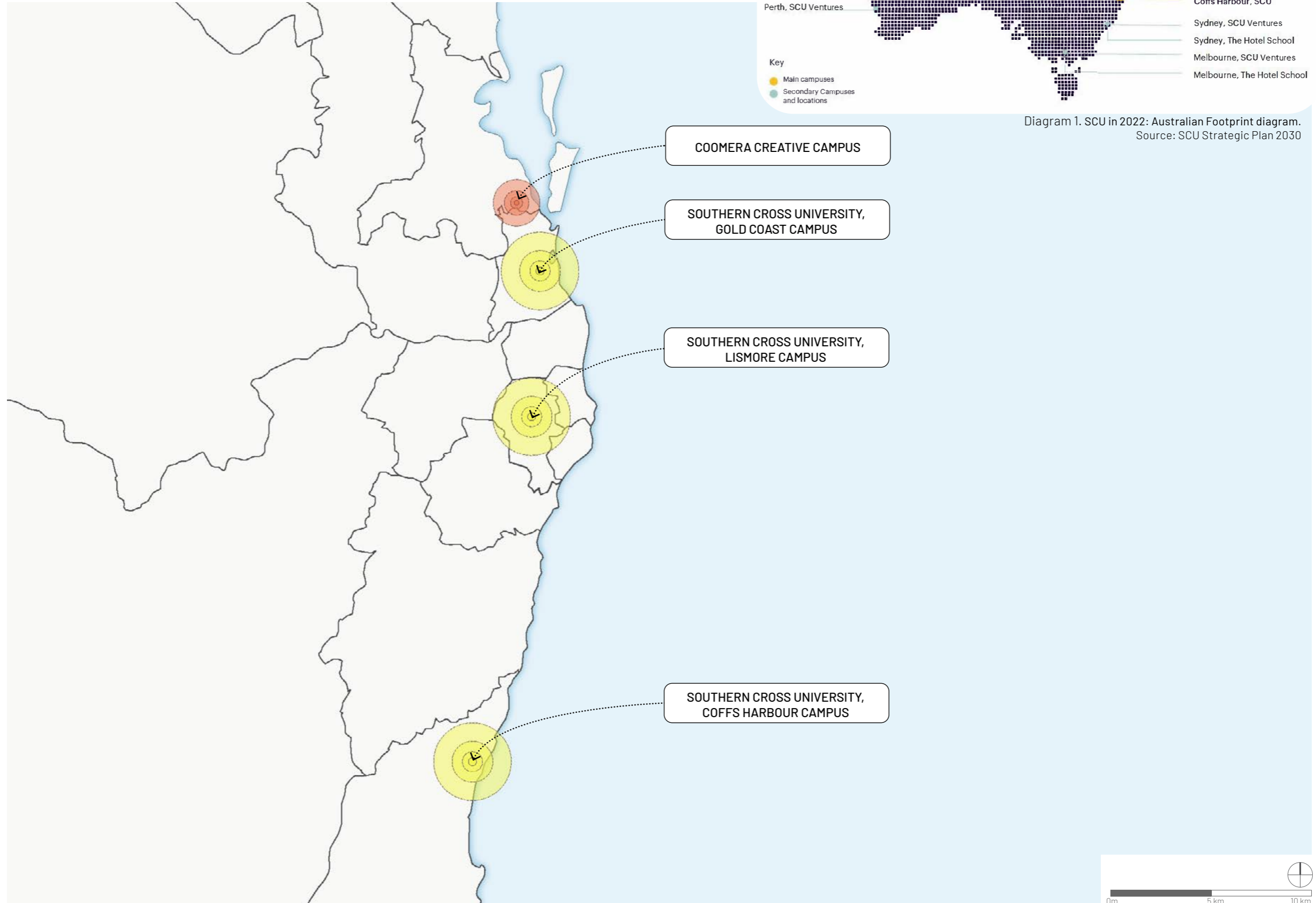
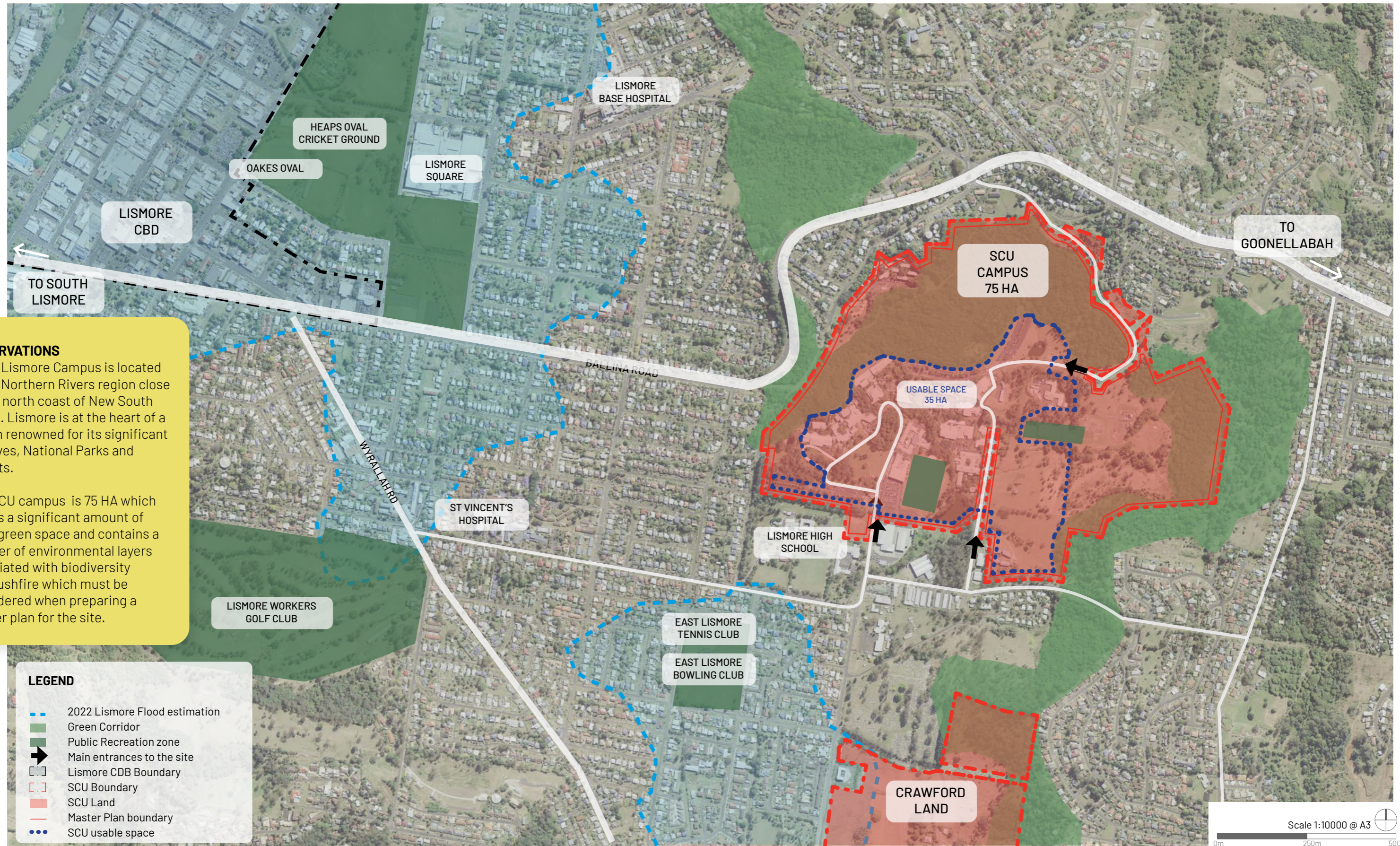


Diagram 1. SCU in 2022: Australian Footprint diagram. Source: SCU Strategic Plan 2030

CAMPUS CONTEXT PLAN



OBSERVATIONS
 SCU's Lismore Campus is located in the Northern Rivers region close to the north coast of New South Wales. Lismore is at the heart of a region renowned for its significant reserves, National Parks and Forests.

The SCU campus is 75 HA which covers a significant amount of open green space and contains a number of environmental layers associated with biodiversity and bushfire which must be considered when preparing a master plan for the site.

- LEGEND**
- - - 2022 Lismore Flood estimation
 - Green Corridor
 - Public Recreation zone
 - ➔ Main entrances to the site
 - Lismore CBD Boundary
 - SCU Boundary
 - SCU Land
 - Master Plan boundary
 - SCU usable space

Scale 1:10000 @ A3
 0m 250m 500m

CAMPUS CONTEXT 2022 FLOODS

WIDER CONTEXT

This map illustrates the connection between educational institutions and parks/outdoor sports facilities and their context to flood-prone land.

OBSERVATIONS

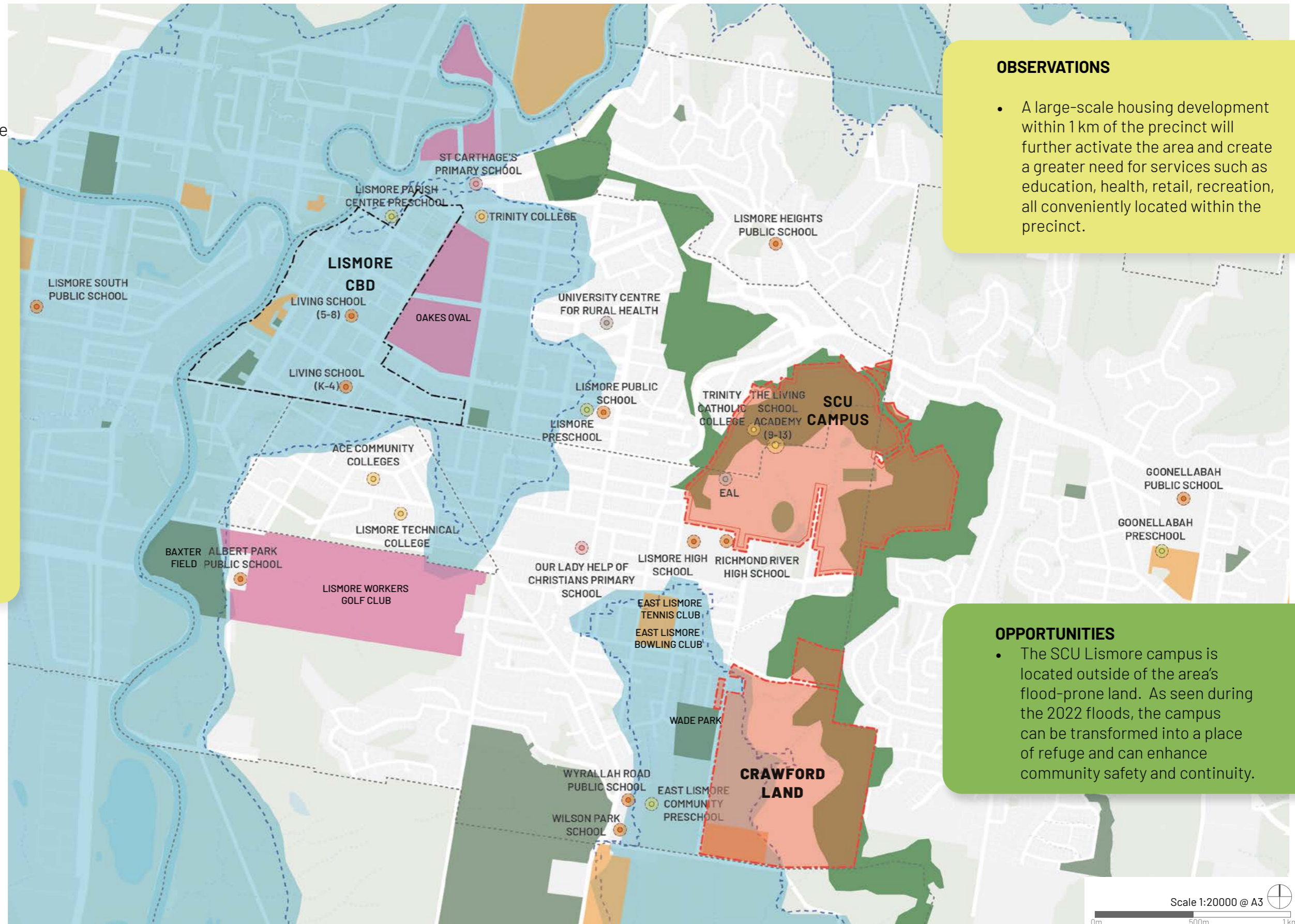
- The significant impact of the 2022 flood on Lismore facilities is evident, with only Lismore Worker's Golf Club, and SCU Lismore campus remaining unaffected.
- The Crawford Avenue site will be transformed into a new housing development, the Master Plan and affordable housing projects have been developed in parallel and will support each other by: Affordable, family housing aligns well with our student demographics including, mature age students, single-parents, first-in-family, who would not be well suited to traditional studio-style student accommodation.

OBSERVATIONS

- A large-scale housing development within 1 km of the precinct will further activate the area and create a greater need for services such as education, health, retail, recreation, all conveniently located within the precinct.

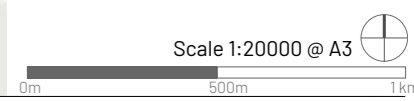
LEGEND

- Preschool
- Primary School
- High School
- College and University
- Research Institute
- EAL Environmental Analysis Laboratory
- Parks and Playgrounds
- Sports Facilities
- Sports Courts
- 'Green Corridor'
- 2022 Lismore Flood estimation
- Flood Prone Land
- Water bodies
- Suburb
- SCU Boundary
- SCU Land
- Master Plan boundary
- CBD Boundary



OPPORTUNITIES

- The SCU Lismore campus is located outside of the area's flood-prone land. As seen during the 2022 floods, the campus can be transformed into a place of refuge and can enhance community safety and continuity.



CAMPUS CONTEXT GREEN CORRIDOR

WIDER CONTEXT

In our exploration of the SCU Lismore Campus, we contextualise its setting not within the immediate confines of Lismore City, but rather within the extended urban and natural landscapes, beyond the central business district. This perspective reveals a tapestry of key environmental and urban features, illustrating the campus's integration with both the natural and built elements that define the broader Lismore area

OBSERVATIONS

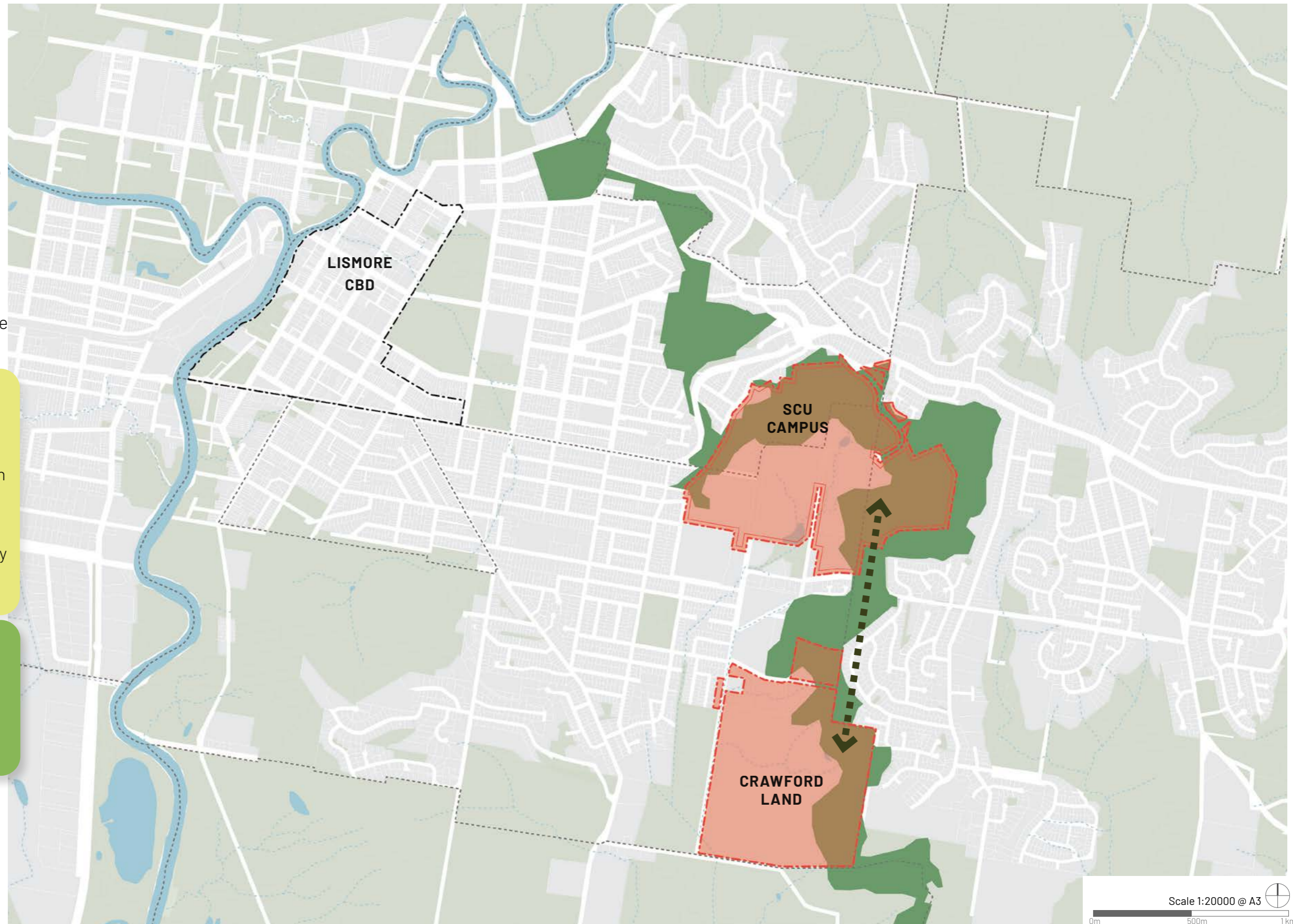
- Lismore CBD is closely tied to the river, while the SCU Lismore Campus derives its unique character from its location within a lush green corridor, situated above the flood-zone.
- SCU Lismore Campus is connected to the environmentally sensitive Crawford Land via a green corridor.

OPPORTUNITIES

- Tree canopy enhancement will increase ground cover, rain gardens, increase bush regeneration which creates a more liveable campus.

LEGEND

- Green Corridor
- Water bodies
- Suburb
- SCU Boundary
- SCU Land
- Master Plan Boundary
- CBD Boundary



CAMPUS CONTEXT LANDSCAPE

CAMPUS SCALE

Upon closer examination of the campus, distinctive features emerge showcasing the significant landscape and topography, while also providing insights into connectivity and institutional organisation.

This map specifically emphasises the lush landscape encompassing the site.

OBSERVATIONS

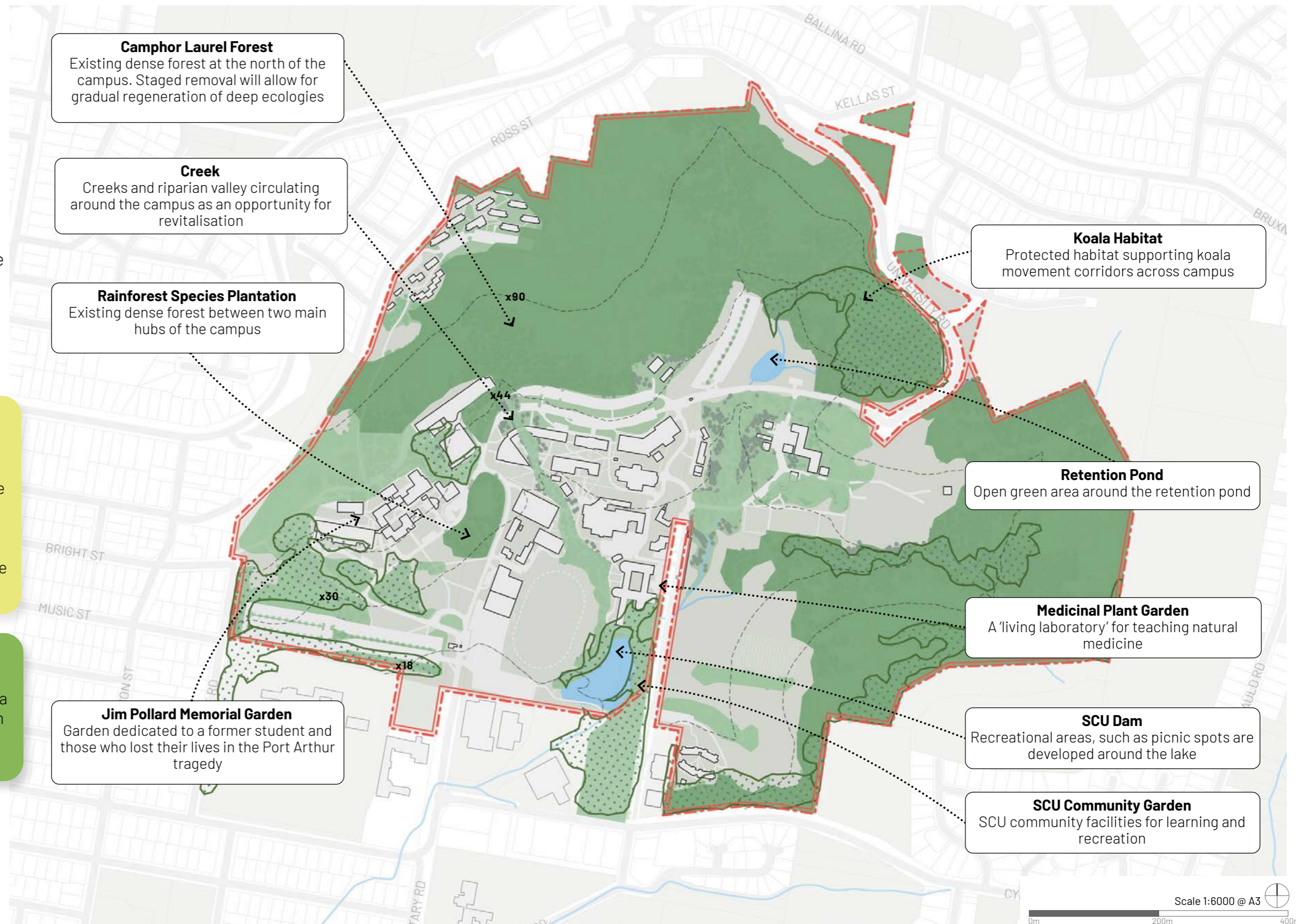
- The campus is enveloped by lush rainforest and steep hills, reserving the flatter areas for the built environment.
- A few open spaces are strategically woven between the buildings in the flat regions of the site.

OPPORTUNITIES

- Maintain and enhance the existing natural assets to foster a sense of community, connection with landscape and create a unique liveable campus.

LEGEND

- Water body
- Rainforest
- Plantation
- Koala habitat
- SCU Boundary
- Master Plan Boundary



Camphor Laurel Forest
Existing dense forest at the north of the campus. Staged removal will allow for gradual regeneration of deep ecologies

Creek
Creeks and riparian valley circulating around the campus as an opportunity for revitalisation

Rainforest Species Plantation
Existing dense forest between two main hubs of the campus

Jim Pollard Memorial Garden
Garden dedicated to a former student and those who lost their lives in the Port Arthur tragedy

Koala Habitat
Protected habitat supporting koala movement corridors across campus

Retention Pond
Open green area around the retention pond

Medicinal Plant Garden
A 'living laboratory' for teaching natural medicine

SCU Dam
Recreational areas, such as picnic spots are developed around the lake

SCU Community Garden
SCU community facilities for learning and recreation

CAMPUS CONTEXT RECREATION SPACE

CAMPUS SCALE

This map indicates areas dedicated to recreation. These are woven between buildings in flat areas of the site.

OBSERVATIONS

- A majority of the recreational facilities are outdoor with basic amenity such as change rooms and kiosk.

OPPORTUNITIES

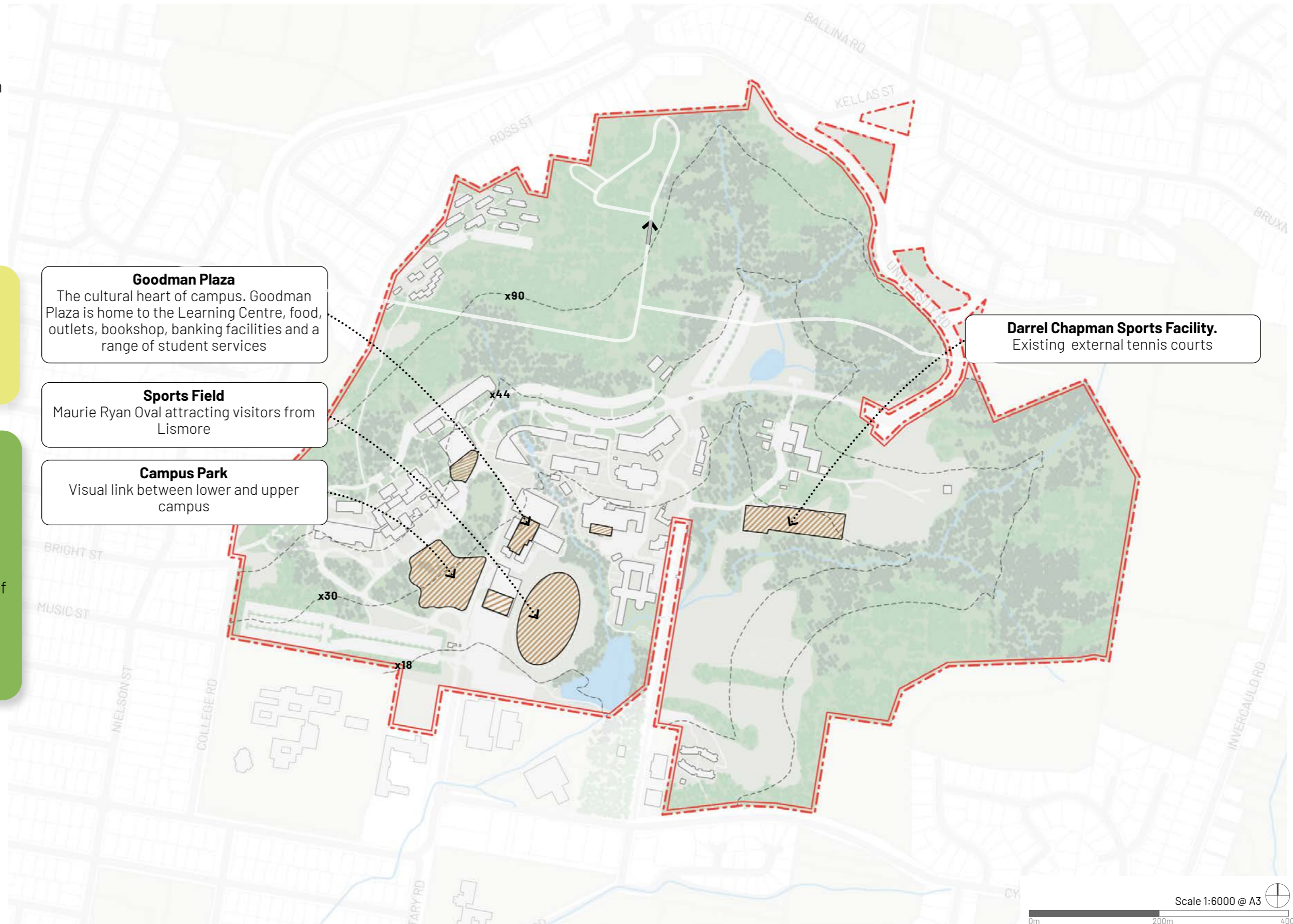
- Upgrading existing facilities such as the transformation of the existing oval to a new synthetic sports track will foster community health and athletic activities and student services of the region
- New and upgraded facilities can support the delivery of allied health courses

Goodman Plaza
The cultural heart of campus. Goodman Plaza is home to the Learning Centre, food, outlets, bookshop, banking facilities and a range of student services

Sports Field
Maurie Ryan Oval attracting visitors from Lismore

Campus Park
Visual link between lower and upper campus

Darrel Chapman Sports Facility.
Existing external tennis courts



LEGEND

- /// Recreation Space
- Water body
- - - SCU Boundary
- Master Plan Boundary

CAMPUS CONTEXT LANDSCAPE AND KEY PUBLIC SPACES

SPATIAL CHARACTER

The SCU Lismore campus is a distinctive location nestled within the rainforest. The landscape and topography contribute significantly to the site's spatial character, presenting both constraints and opportunities, as presented below.

OBSERVATIONS

- Big level change in terrain limits the space for built form development in the future.
- Dense greenery and level change limits the visibility and challenges accessibility throughout campus.

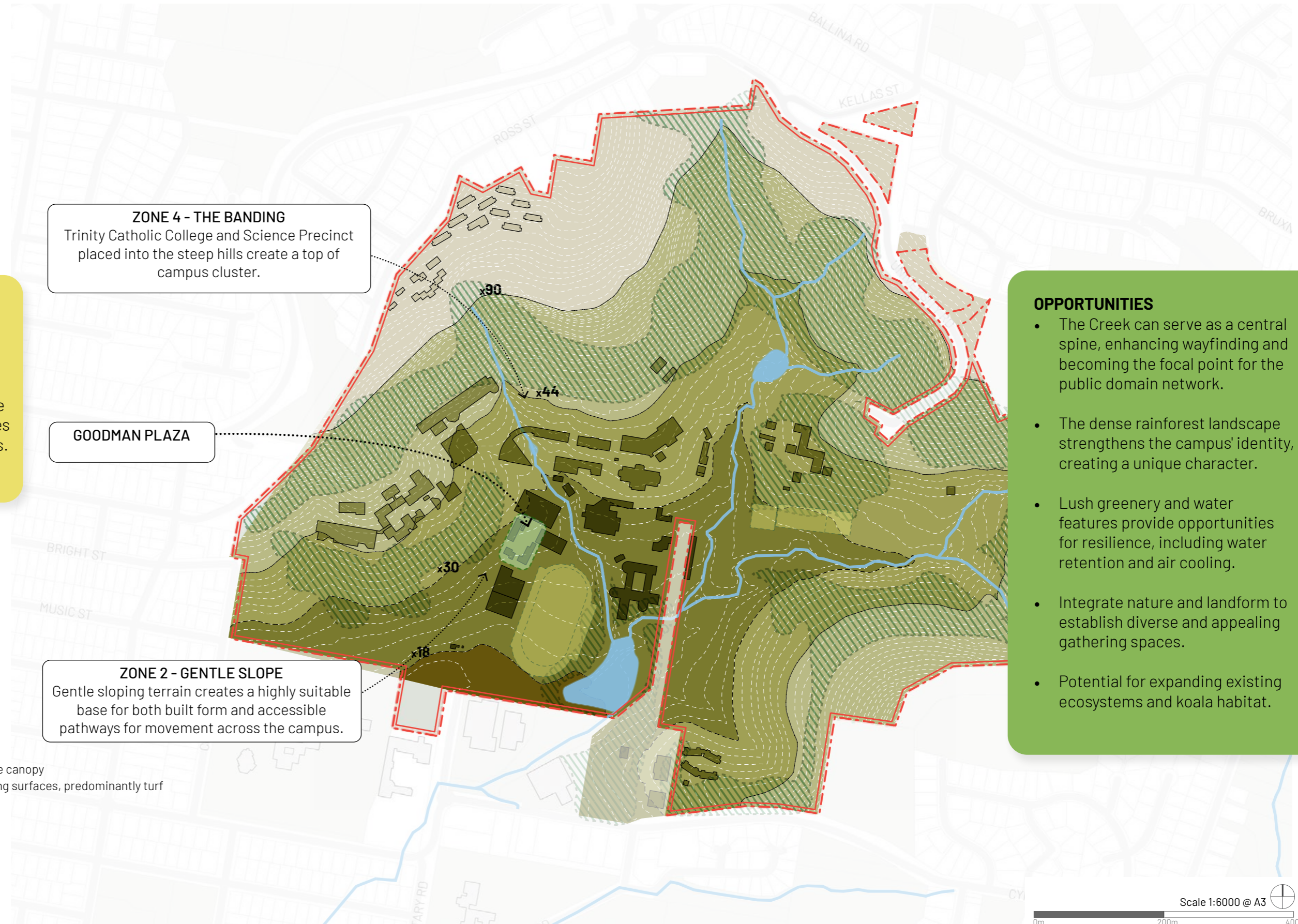
ZONE 4 - THE BANDING
Trinity Catholic College and Science Precinct placed into the steep hills create a top of campus cluster.

GOODMAN PLAZA

ZONE 2 - GENTLE SLOPE
Gentle sloping terrain creates a highly suitable base for both built form and accessible pathways for movement across the campus.

LEGEND

- Creek and riparian valley
- Dense hillside ground cover and tree canopy
- Grounds and fields - managed playing surfaces, predominantly turf
- Terrain Zone 5
- Terrain Zone 4
- Terrain Zone 3
- Terrain Zone 2
- Terrain Zone 1
- SCU Boundary
- Master Plan Boundary



OPPORTUNITIES

- The Creek can serve as a central spine, enhancing wayfinding and becoming the focal point for the public domain network.
- The dense rainforest landscape strengthens the campus' identity, creating a unique character.
- Lush greenery and water features provide opportunities for resilience, including water retention and air cooling.
- Integrate nature and landform to establish diverse and appealing gathering spaces.
- Potential for expanding existing ecosystems and koala habitat.

CAMPUS CONTEXT CONNECTIVITY

CAMPUS SCALE

This map illustrates the complex road network in the campus with a system of two-way and one-way roads and car parking that shapes the visual impact of the entries to the site and occupies the front of buildings.

OBSERVATIONS

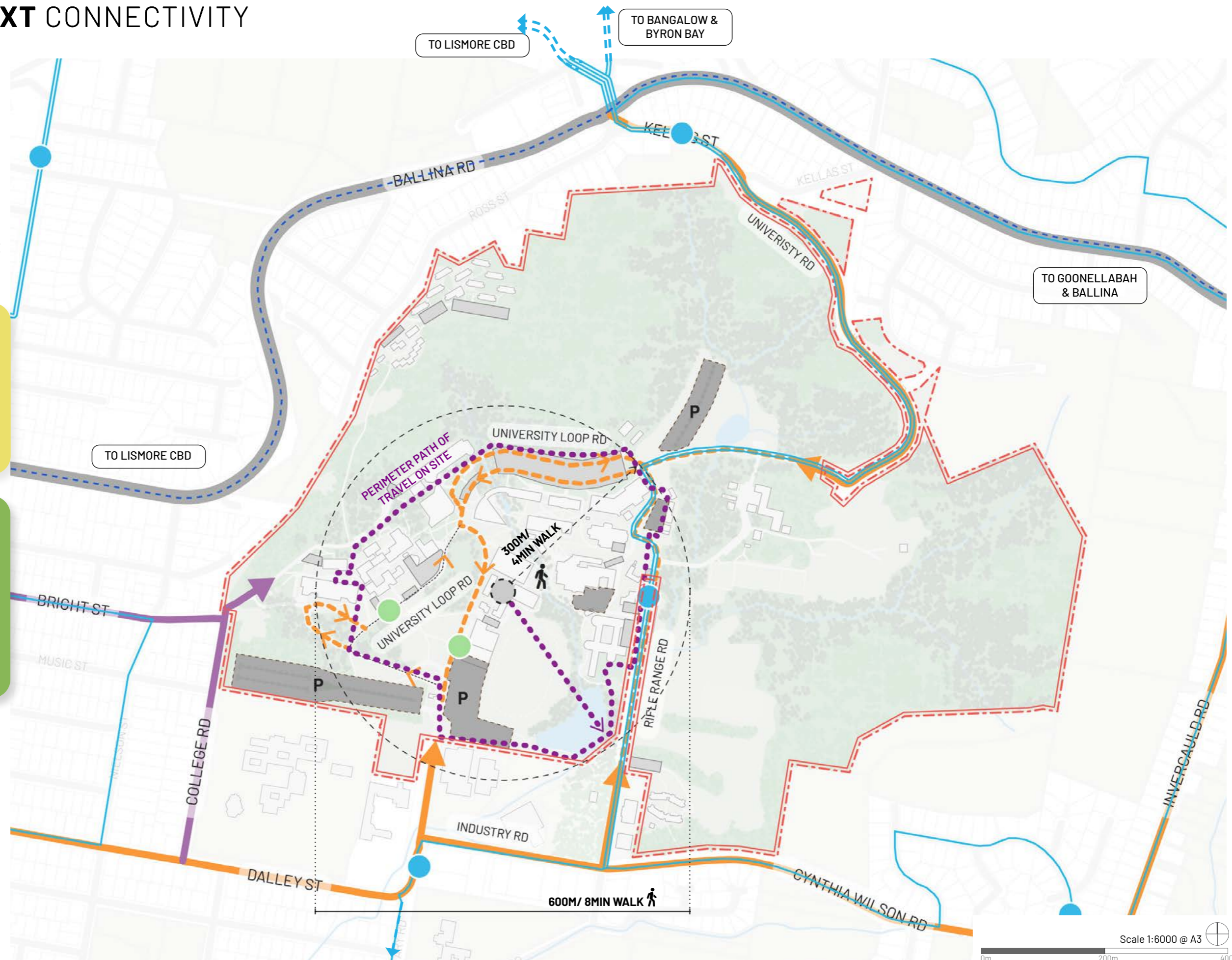
- Depending on the topography, walking distances and associated travel times vary across the campus. Improved wayfinding and prioritisation of pedestrian pathways are essential to address this challenge.

OPPORTUNITIES

- Implement an improved wayfinding strategy across the campus to improve ease of travel and accessibility.
- Promote pedestrian travel and social interaction within the campus.

LEGEND

- Bus Stop
- Bus Routes
- Courtesy Shuttle Stop
- 'Late Nighter' Bus Service
- 5min Walking Distance (400m)
- Primary Road
- Primary Access to the site
- Secondary Access to the site
- Primary Vehicular routes
- Car Park zone
- Other off-street Car Park
- SCU Boundary
- Master Plan Boundary
- Perimeter path of travel on site



CAMPUS CONTEXT CIRCULATION

WAYFINDING AND LEGIBILITY

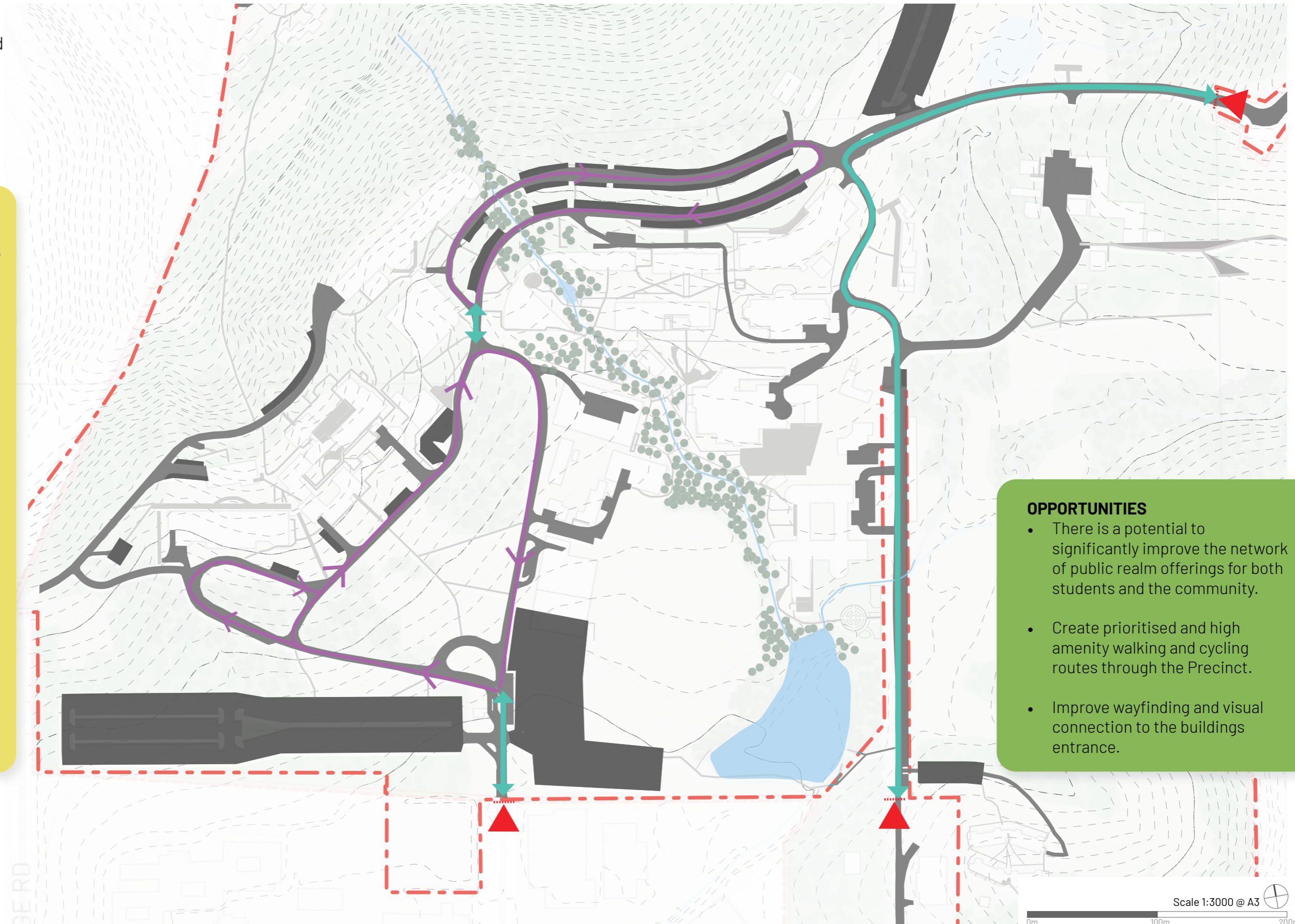
This map shows the intertwined layout of both vehicle and pedestrian networks situated on the sloped terrain creating significant level changes throughout the campus.

OBSERVATIONS

- A vehicle-dominated network, combined with a hilly and densely vegetated landscape, makes it difficult to navigate as a pedestrian.
- The pedestrian network is complex, lacking hierarchy and sufficient accessibility for seamless navigation throughout the site due to a lack of signage and wayfinding.
- The road network, consisting of one-way loops and two-way roads, increases the likelihood of getting lost on the site.
- Building frontages and car parking significantly reduces pedestrian visibility, movement and accessibility.
- Remote car parking not appropriately connected to buildings for accessibility and safety.

LEGEND

- Pathways
- Roads
- Parking
- One-way road
- Two-way roads
- ▲ Main entrances to the site



OPPORTUNITIES

- There is a potential to significantly improve the network of public realm offerings for both students and the community.
- Create prioritised and high amenity walking and cycling routes through the Precinct.
- Improve wayfinding and visual connection to the buildings entrance.

CAMPUS CONTEXT INSTITUTIONS

CAMPUS SCALE

The map displays the current placement of institutions across the campus, highlighting their scattered distribution.

BUILDING USES

A Block - Faculty of Science and Engineering, Engagement, Research Centre for Teaching & Learning, Business Intelligence and Quality, Events, other SCU Staff.

B Block - Trinity Catholic College, The Living School, Faculty of Education.

C Block - IAHA, Japan Teaching.

D Block - Faculty of Business, Law and Arts, Music, Includes studio spaces + teaching spaces.

E Block - The Living School

F Block - SCU Professional Staff and Executive (finance, legal, procurement, HR, WHS, travel, governance).

G Block - Faculty of Science and Engineering - General teaching, office, post graduate.

H Block - Gnibi, IAHA, SCU College.

I Block - Contracted Security Services.

J Block - SCU Gym & Pool, LEXSA Bouldering Wall and auditorium.

K Block - Trinity Catholic College Demountables.

L Block - Faculty of Business, Law and Arts (offices), Moot Court x 2, NCM clinical rooms.

LC Block - Learning Centre, Library and Offices, Tech Services & Global

M Block - Southern Cross Childcare Centre.

N Block - Environmental Analysis Laboratory (EAL).

O Block - Faculty of Science and Engineering offices + EAL.

P Block - PHN Clinical Spaces, SCIA, SCU Clinic (inc. Gym) and indoor sports court.

Q Block - Forestry Sheds.

R Block - Trinity Catholic College.

S Block - Faculty of Science and Engineering, Southern Cross Analytical Research Services (SCARS) labs and offices.

T Block - Faculty of Science and Engineering, Southern Cross Analytical Research Services (SCARS) labs and offices.

U Block - Faculty of Science and Engineering.

V Block - Faculty of Business, Law and Arts, Visual Arts.

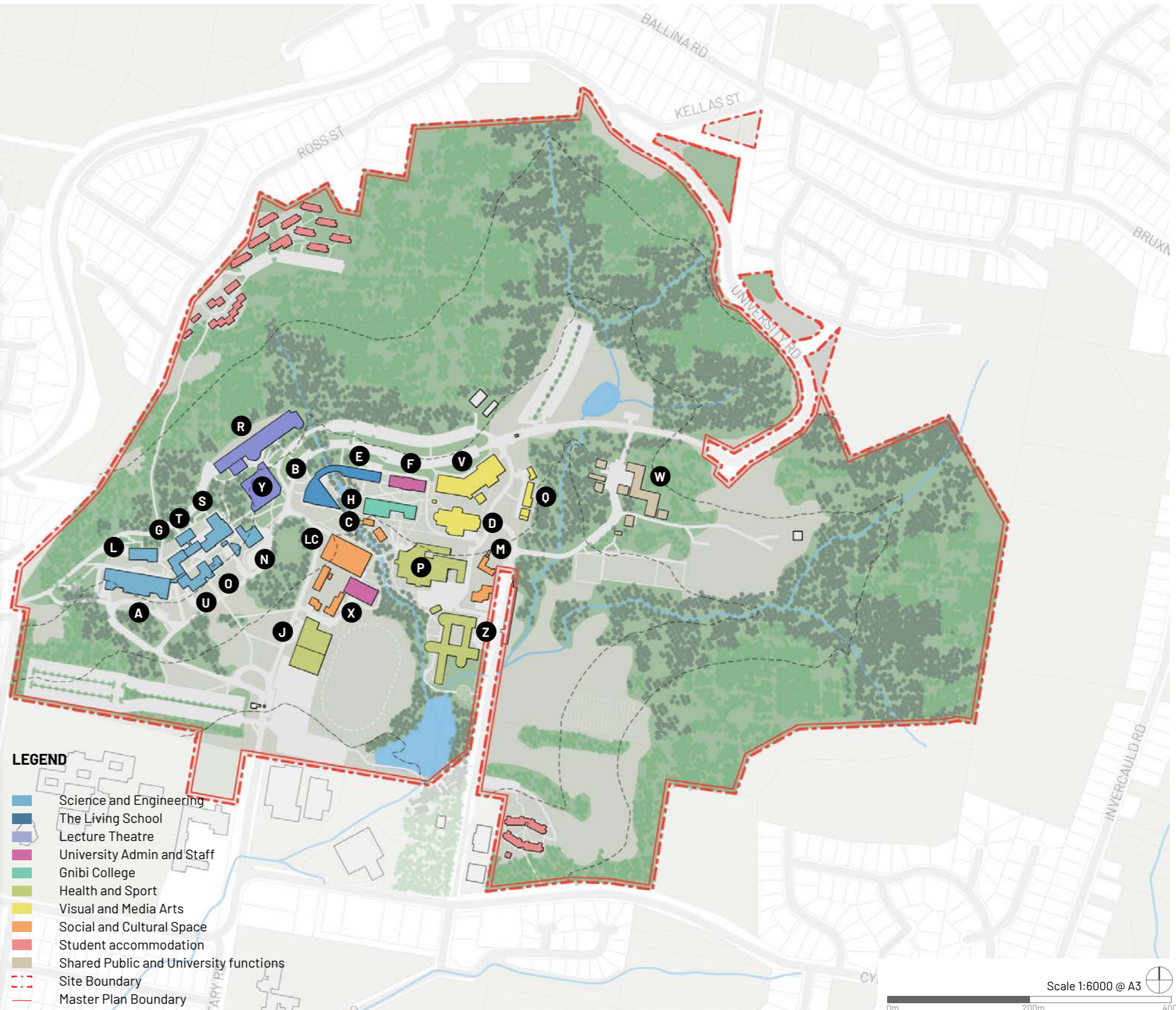
W Block - Mailroom; Property Services; Stores; NSW Ambulance.

X Block - SCU Student Admin - Front counters and offices + under building storage.

Y Block - Whitebrook Theatre and Trinity Catholic College.

Z Block - Faculty of Health

Goodman Plaza - The Quick Brown Fox restaurant, Zest of Lime, NSW Business Hub, LEXSA inc lounge, prayer room, student support.



LEGEND

- Science and Engineering
- The Living School
- Lecture Theatre
- University Admin and Staff
- Gnibi College
- Health and Sport
- Visual and Media Arts
- Social and Cultural Space
- Student accommodation
- Shared Public and University functions
- Site Boundary
- Master Plan Boundary

CAMPUS CONTEXT SHARED SPACES

This map shows the shared spaces between SCU University, Secondary Schools and the community.

BUILDING USES

B Block - Trinity Catholic College, The Living School; Faculty of Education; Lecture theatre.

C Block - Japan-Australia Centre Gallery; IAHA.

D Block - Faculty of Business, Law and Arts, Music, Includes studio spaces + teaching spaces.

H Block - SCU College; lecture theatre; Gnibi College of Indigenous Australian Peoples; Indigenous Australian Student Services (IASS).

J Block - SCU Gym & Pool, LEXSA Bouldering Wall and auditorium

P Block - PHN Clinical Spaces, SCIA, SCU Clinic (inc. Gym) and indoor sports court.

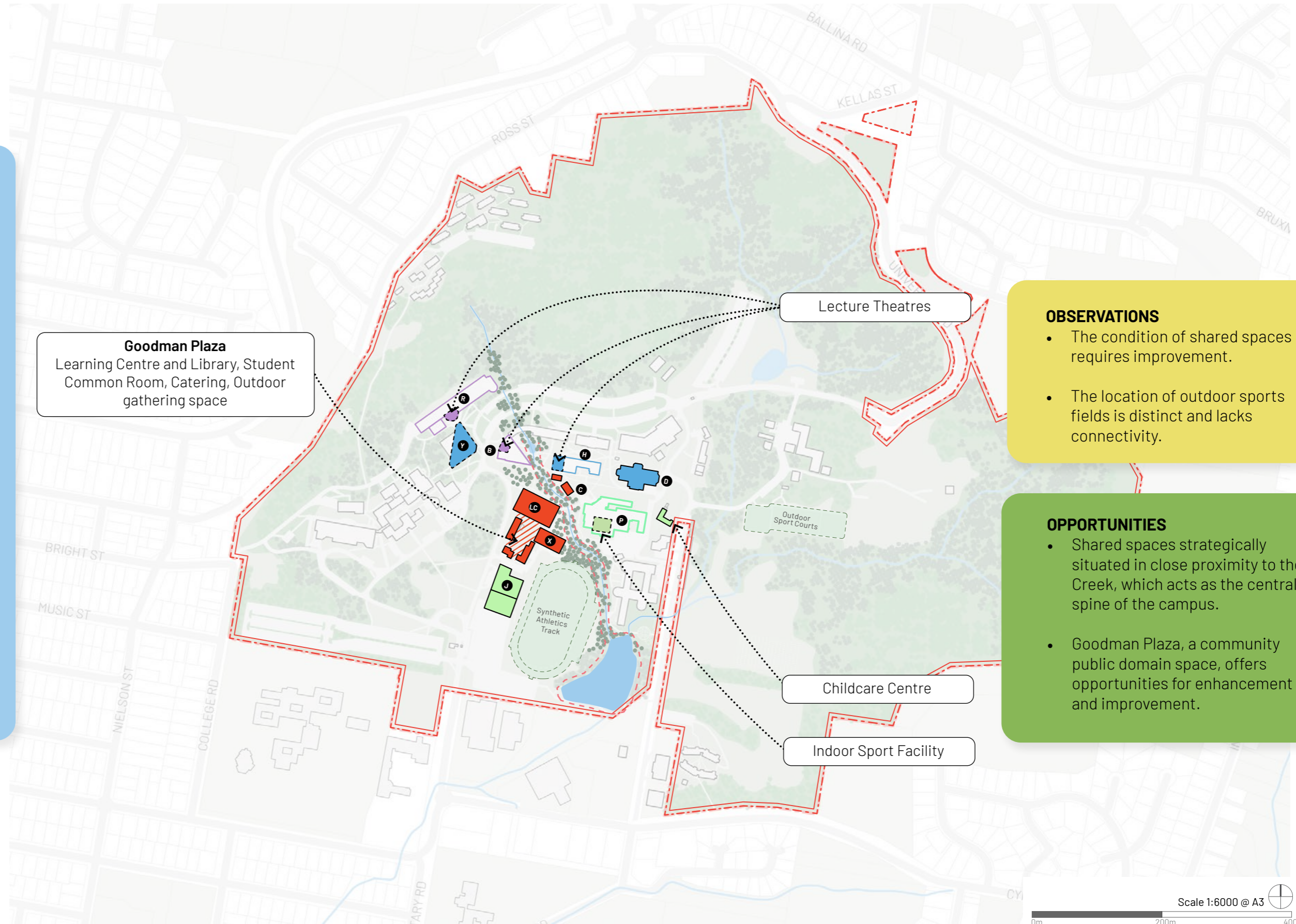
X Block - SCU Student Admin - Front counters and offices + under building storage.

Y Block - Whitebrook Lecture Theatre; bookable spaces x 3

Learning Centre - Learning Centre, Library and Offices, SCU Global and Tech Services.

LEGEND

- SCU Facilities
- Secondary School facilities
- Shared SCU and Community facilities
- Goodman Plaza facilities
- ▨ Plaza/Square
- ▨ Outdoor sport facilities
- - - Shared space around the Creek



OBSERVATIONS

- The condition of shared spaces requires improvement.
- The location of outdoor sports fields is distinct and lacks connectivity.

OPPORTUNITIES

- Shared spaces strategically situated in close proximity to the Creek, which acts as the central spine of the campus.
- Goodman Plaza, a community public domain space, offers opportunities for enhancement and improvement.

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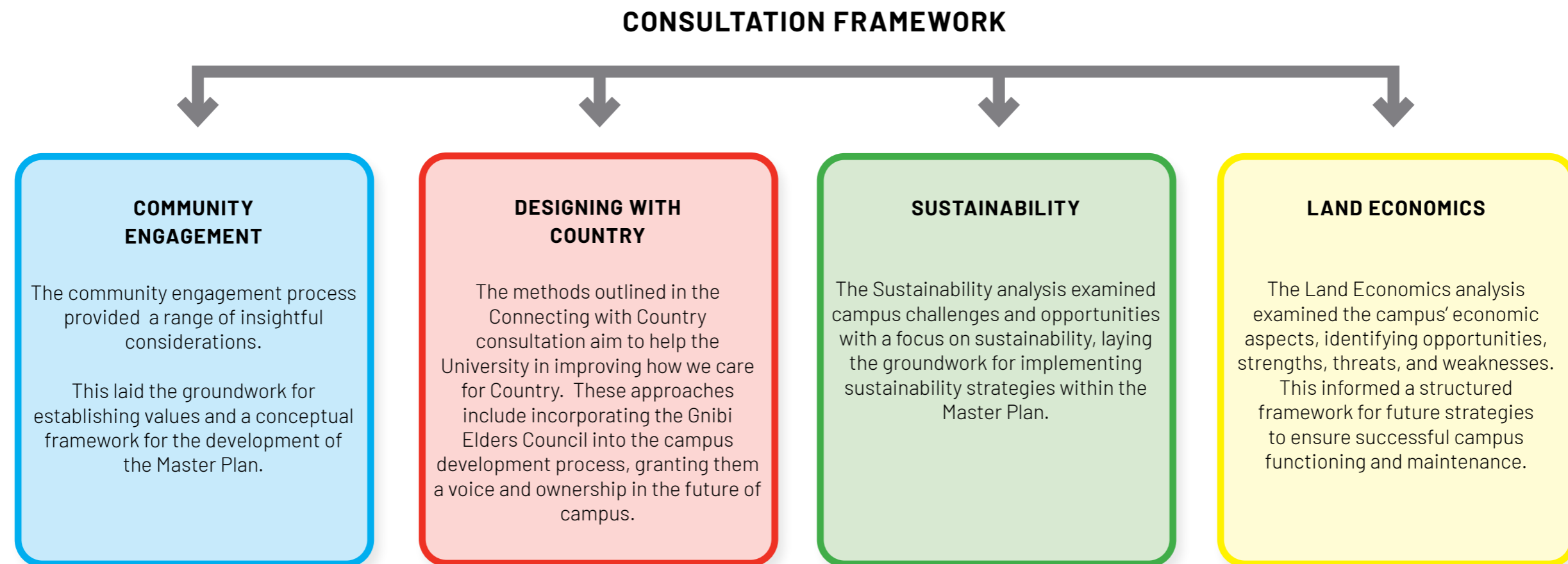
CONSULTATION



CONSULTATION OVERVIEW

This section introduces the groundwork laid through consultation, establishing the foundation for the unfolding Lismore Master Plan development process.

Here, we will overview the main outcomes of the analysis, which can be reviewed in more detail in the appendix pages.



CONSULTATION COMMUNITY ENGAGEMENT

OVERVIEW

The Community Engagement provided an overview of key insights and design considerations based on feedback from a comprehensive engagement program, facilitated by JOC Consulting.

The engagement aimed to achieve several objectives: identify community values for the Master Plan vision, understand the student perspective on campus experience, collect feedback for supporting campus and town growth, identify design opportunities for site improvement, and pinpoint potential industry partners for SCU research collaboration.



Lismore CBD Community Drop in Session



SCU Lismore Campus Drop in Session

CONSIDERATIONS

The consultation activities addressed conditions relevant for the Lismore Campus Master Plan:

- CONNECT WITH NATURE
- LIBRARY RESOURCES
- STUDENT FACILITIES
- PEDESTRIAN PATHS
- FOOD AND BEVERAGE SPACES
- STAFF OFFICE SPACES
- SIGNAGE AND WAYFINDING
- ACCESS TO PUBLIC TRANSPORT
- CULTURAL & ENTERTAINMENT SPACES
- STAFF COMMON AREAS

INSIGHTS

Consultation has identified the following key insights:

SATISFIED

- POSITIVE AND ATTRACTIVE PLACE**
Lismore Campus is valued for its natural beauty and quality assets such as Goodman Plaza and the Learning Centre.
- MUCH-LOVED EVENTS AND COMMUNAL SPACES**
Participants appreciate the range of programmed activities and value places to connect through community and culture.
- A PLACE FOR LIFELONG LEARNING**
Students viewed the campus as a place for learning, education, and ideas for every life stage – from childcare to aged care.
- STRONGER COLLABORATION WITH INDUSTRY**
Participants prioritised better collaboration between local businesses and industry partnerships to enhance learning and connections to the Lismore CBD.

DISSATISFIED

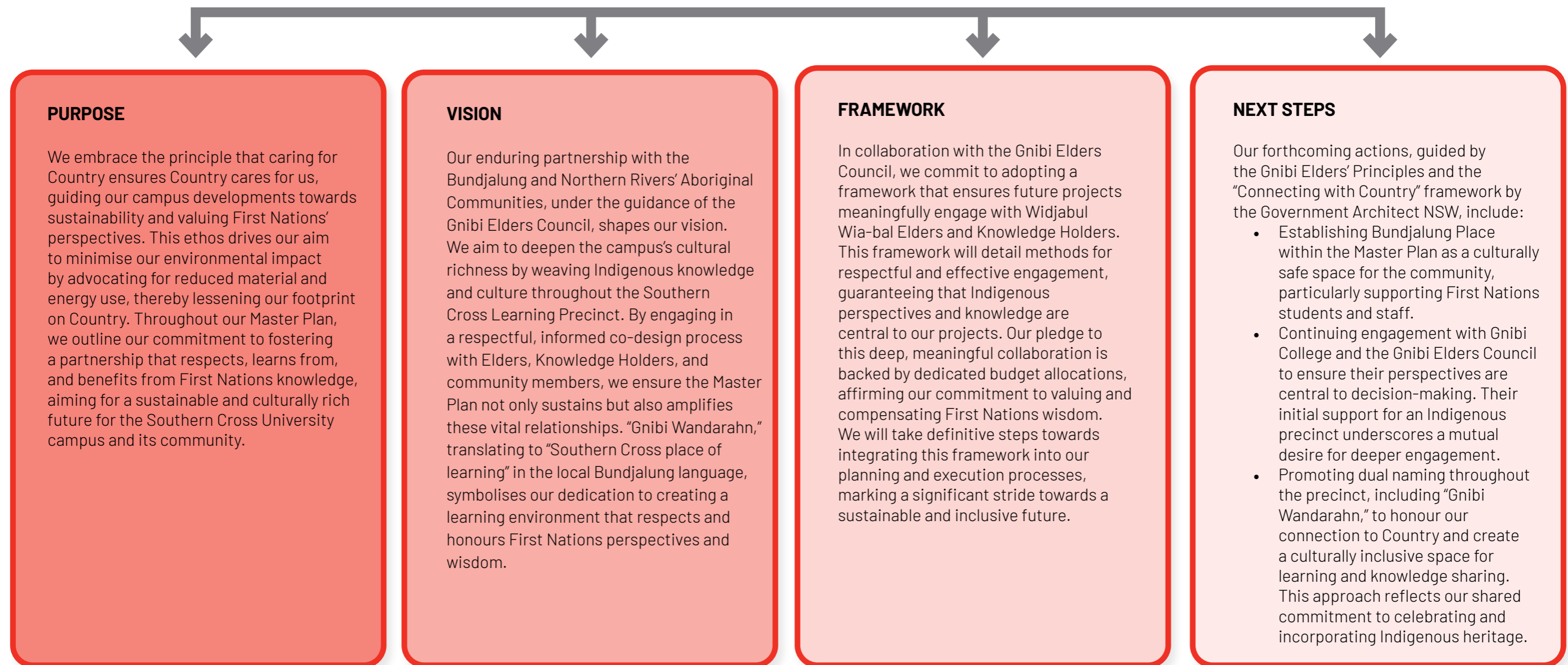
- LIMITED ACCESS AND CONNECTIVITY**
Lismore Campus has low permeability both within the campus itself and in connection to the Lismore CBD.
- MORE SERVICE OFFERINGS NEEDED ON CAMPUS**
Participants considered how the campus could service their everyday needs and extend the offerings of the Lismore CBD – a ‘micro village’.

CONSULTATION DESIGNING WITH COUNTRY

OUTPUTS

We have engaged with representatives from the Gnibi Elders Council, fostering a dialogue rooted in shared values and priorities. These discussions promise to pave the way for their significant and meaningful involvement, ensuring that the project's direction and decision-making processes are enriched by their insights and wisdom.

OUTCOMES

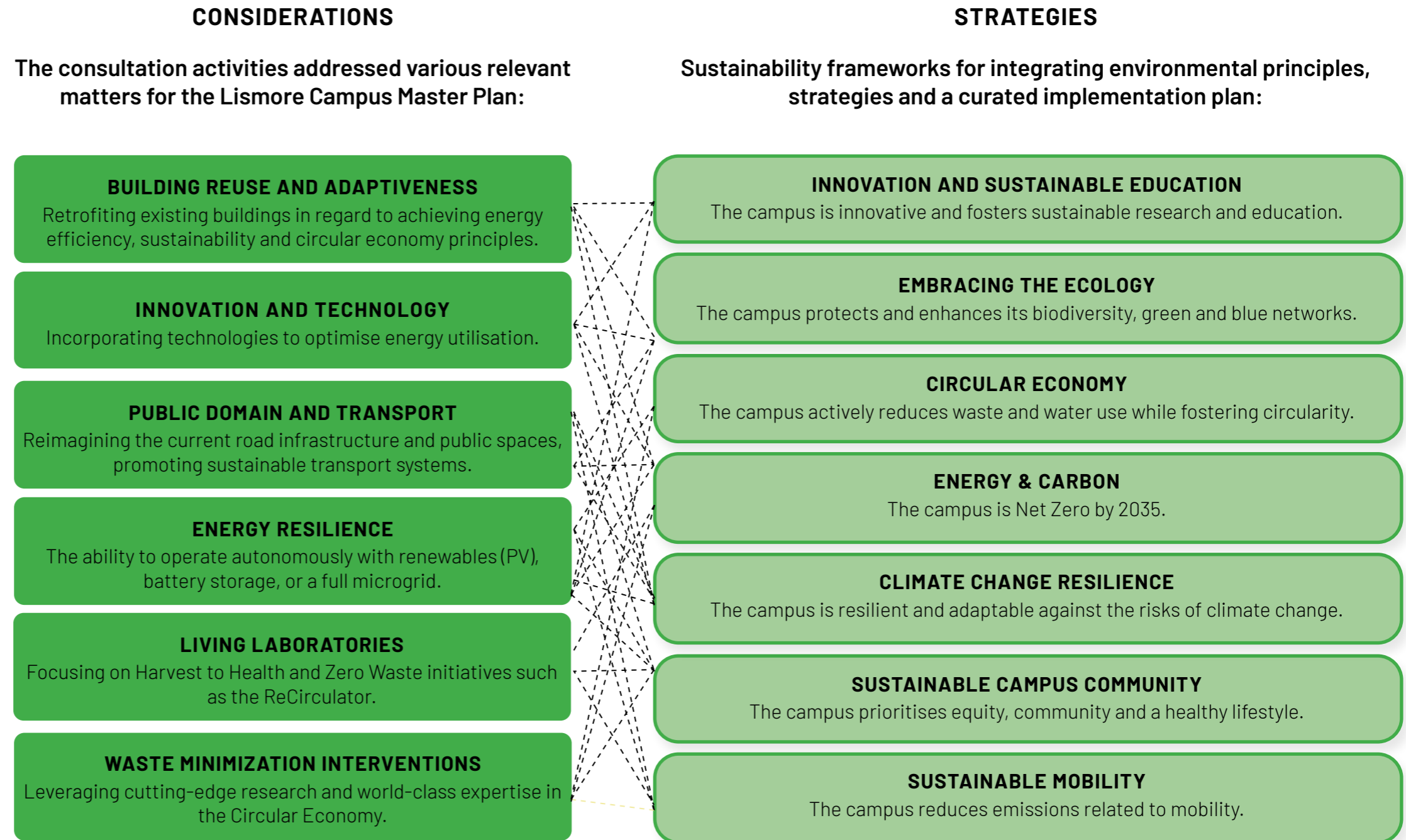


CONSULTATION SUSTAINABILITY

OUTPUTS

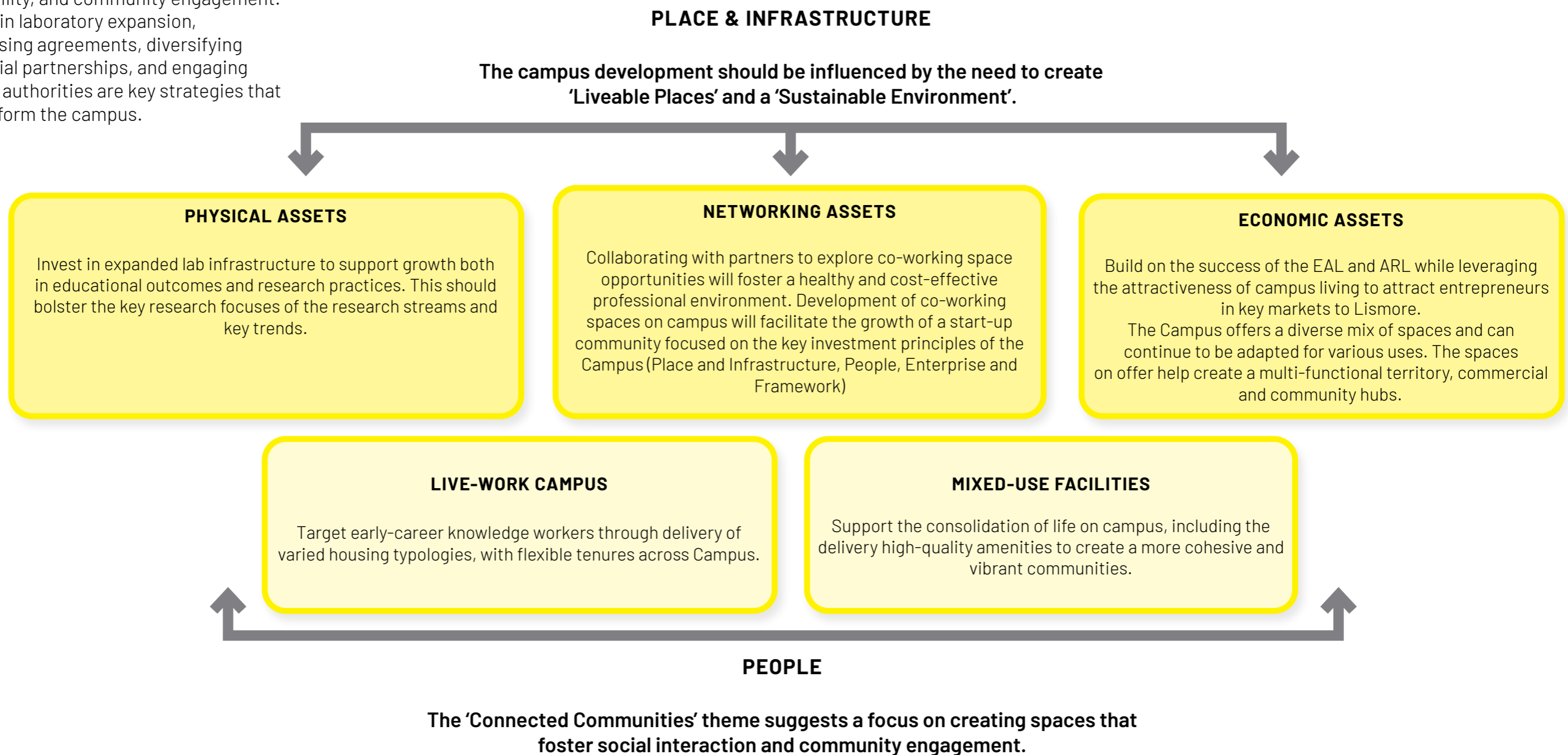
The sustainability framework plays a pivotal role in cultivating a culture that not only acknowledges but also promotes action, recognising that the transition to a zero-carbon economy demands a phased approach.

The challenges and opportunities identified has shaped key strategies, establishing the sustainability framework for the Master Plan development.



CONSULTATION LAND ECONOMICS STRATEGIES

SCU Lismore is at an exciting crossroads, where it can leverage its strengths in research, innovation, education, and community engagement to become a leader in both the local and global context. SCU Lismore can create a robust and dynamic campus that fosters growth, innovation, sustainability, and community engagement. Investing in laboratory expansion, standardising agreements, diversifying commercial partnerships, and engaging with local authorities are key strategies that can transform the campus.



3

MASTER PLAN VISION

VISION AND STRATEGY

MASTER PLAN PRECINCT VISION

THE SOUTHERN CROSS LEARNING PRECINCT | GNIBI WANDARAHN

An ambitious transformation of Southern Cross's Lismore campus into a thriving education, research, and community precinct. A multi-organisation precinct that will foster educational advancement, community well-being, and growth in our region.

The vision will deliver state-of-the-art facilities for research and learning, enterprise zones for regional development, and vibrant public spaces promoting inclusivity and cultural richness.

The precinct will be a benchmark for sustainable development through embracing the natural environment and promoting adaptive design.

MASTER PLAN SUPPORTING THE VISION

PLACE, PILLARS AND PRINCIPLES

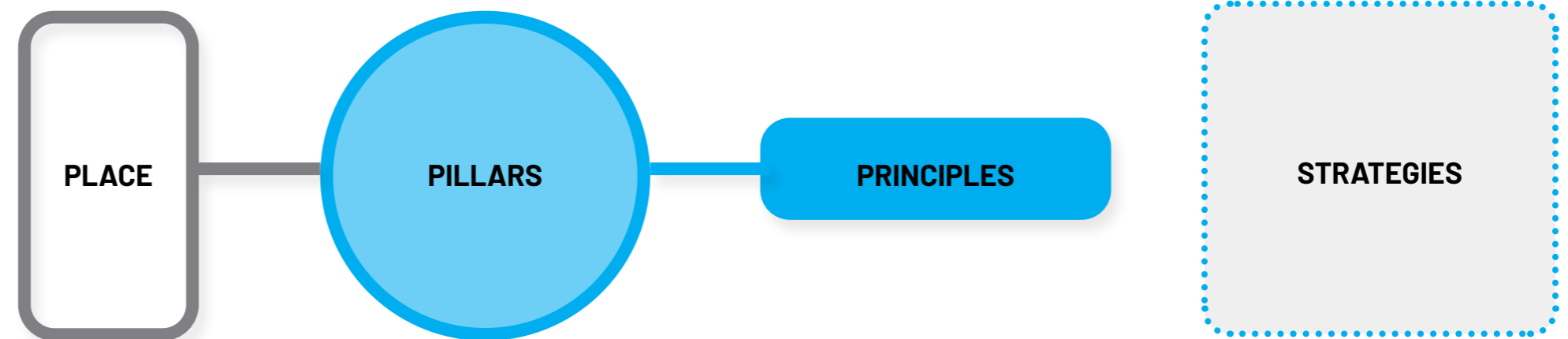
The Master Plan has been developed to provide guidance for the physical spaces and networks on the campus, aligning with the university's vision, purpose, and strategic directions.

This Master Plan reflects our commitment to fostering resilience and cooperation, embracing traits that were evident when campus faced the challenges of the COVID-19 pandemic and accommodated institutions during the emergency state caused by recent floods, and leaving a lasting sense of unity in the community.

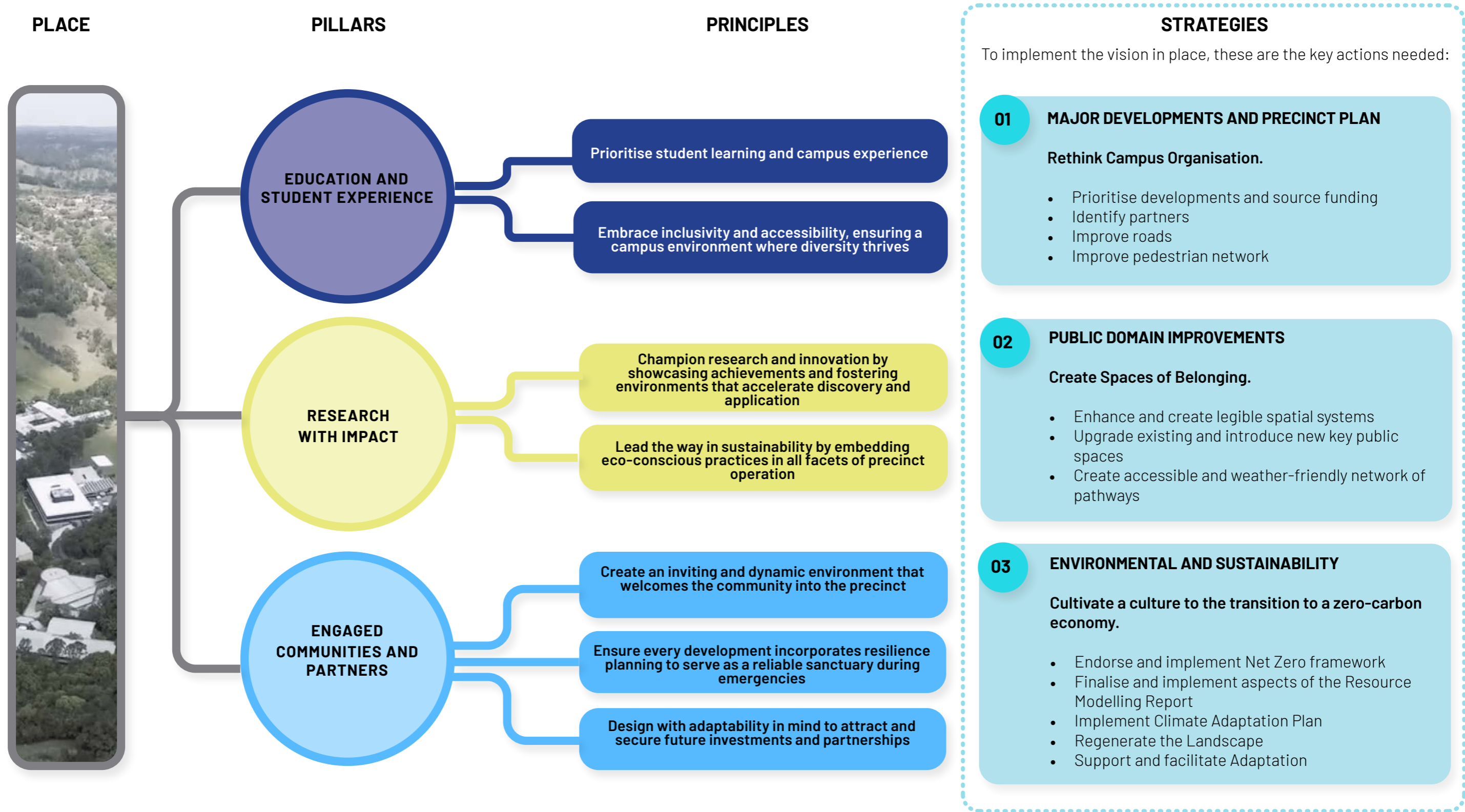
The Master Plan is not a fixed plan but rather a strategic framework that outlines the principles for creating a place of excellence in transformative and collaborative practice fostering innovation and high-quality education. In order to achieve this goal, the physical realisation of this space should serve as a model of quality, sustainability, and a harmonious natural and built environment, promoting the well-being of both students and the broader community.

While maintaining flexibility, the Master Plan strategy places particular emphasis on elements such as the design of public spaces and connections, integration between various institutions, and the alignment of the campus with its surrounding context. While recognising and supporting the individual institutions and their unique identities, the Master Plan is designed around people and places.

The Master Plan also embodies our commitment to meaningful engagement with First Nations, ensuring that the development and future direction of our campus is enriched with Indigenous knowledge and perspectives, fostering a deeper connection to Country and community.



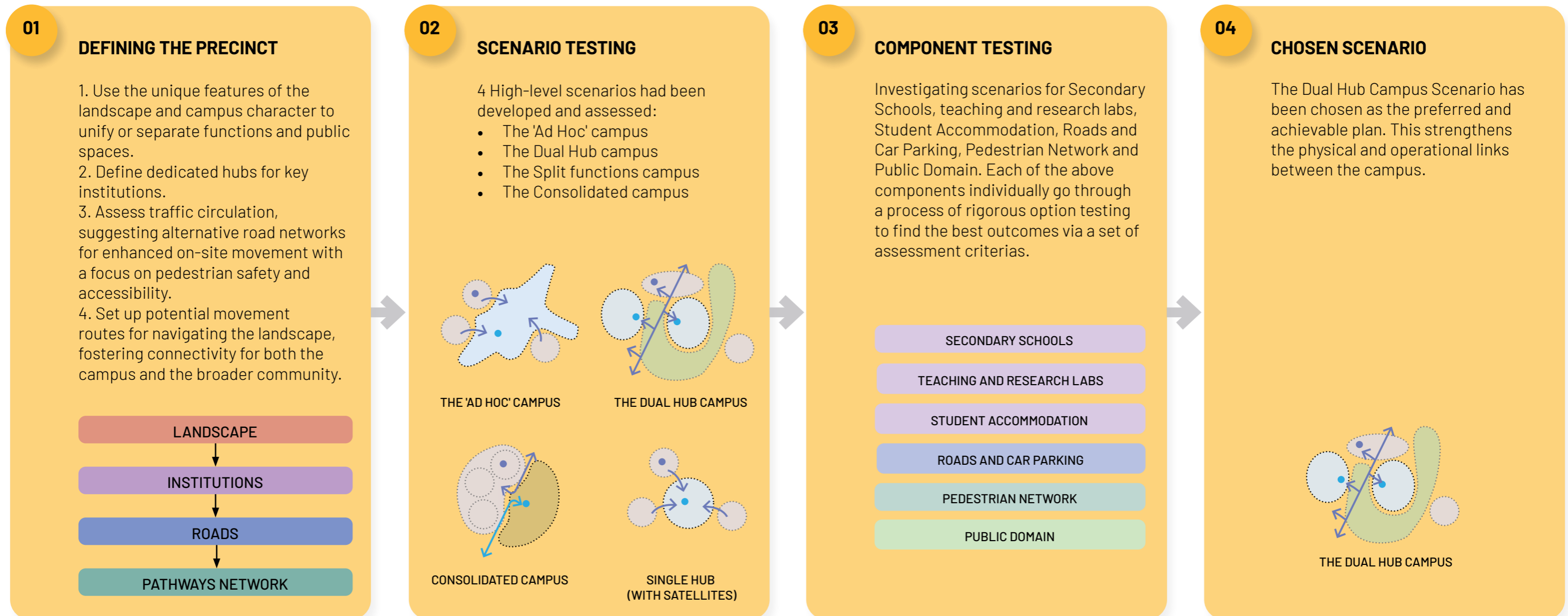
MASTER PLAN SUPPORTING THE VISION



MASTER PLAN PROCESS

SCENARIO TESTING

High-level scenarios were set up to bring the campus together. The thorough study of the overall campus arrangement led to the chosen Master Plan scenario.



MASTER PLAN END STATE PLAN

A Block - Teaching Labs Engagement, Research Centre for Teaching & learning, Business Intelligence and Quality, Events, other SCU Staff.

B Block - Trinity Catholic College.

D Block - Faculty of Business, Law and Arts, Music, includes studio spaces + teaching spaces.

E Block - Trinity Catholic College.

F Block - Trinity Catholic College.

G Block - Staff Offices.

H Block - Gnibi, IAHA, SCU College.

I Block - Contracted Security Services.

J Block - Events space, SCU Gym & Pool.

L Block - Faculty of Business, Law and Arts (offices), Moot Court x 2 Mailroom, Chemstore.

LC Block - Learning Centre, Library AHA, Global and Offices, Clinic Skills Labs, Teaching Labs

M Block - Southern Cross Childcare Centre.

N Block - Environmental Analysis Laboratory (EAL).

O Block - Teaching Labs.

P Block - PHN Clinical Spaces, SCIA, SCU Clinic (inc. Gym) and indoor sports court.

R Block - Trinity Catholic College.

S Block - Southern Cross Analytical Research Services (SCARS) labs and Teaching Labs.

T Block - Southern Cross Analytical Research Services (SCARS)

U Block - Teaching Labs.

V Block - Faculty of Business, Law and Arts, Visual Arts.

WG Block - Ground and Nursery.

X Block - SCU Student Admin - Front counters and offices + under building storage.

Y Block - Whitebrook Theatre and Trinity Catholic College.

Z Block - The Living School.

Goodman Plaza - The Quick Brown Fox restaurant, Cafeteria, prayer room, student support.

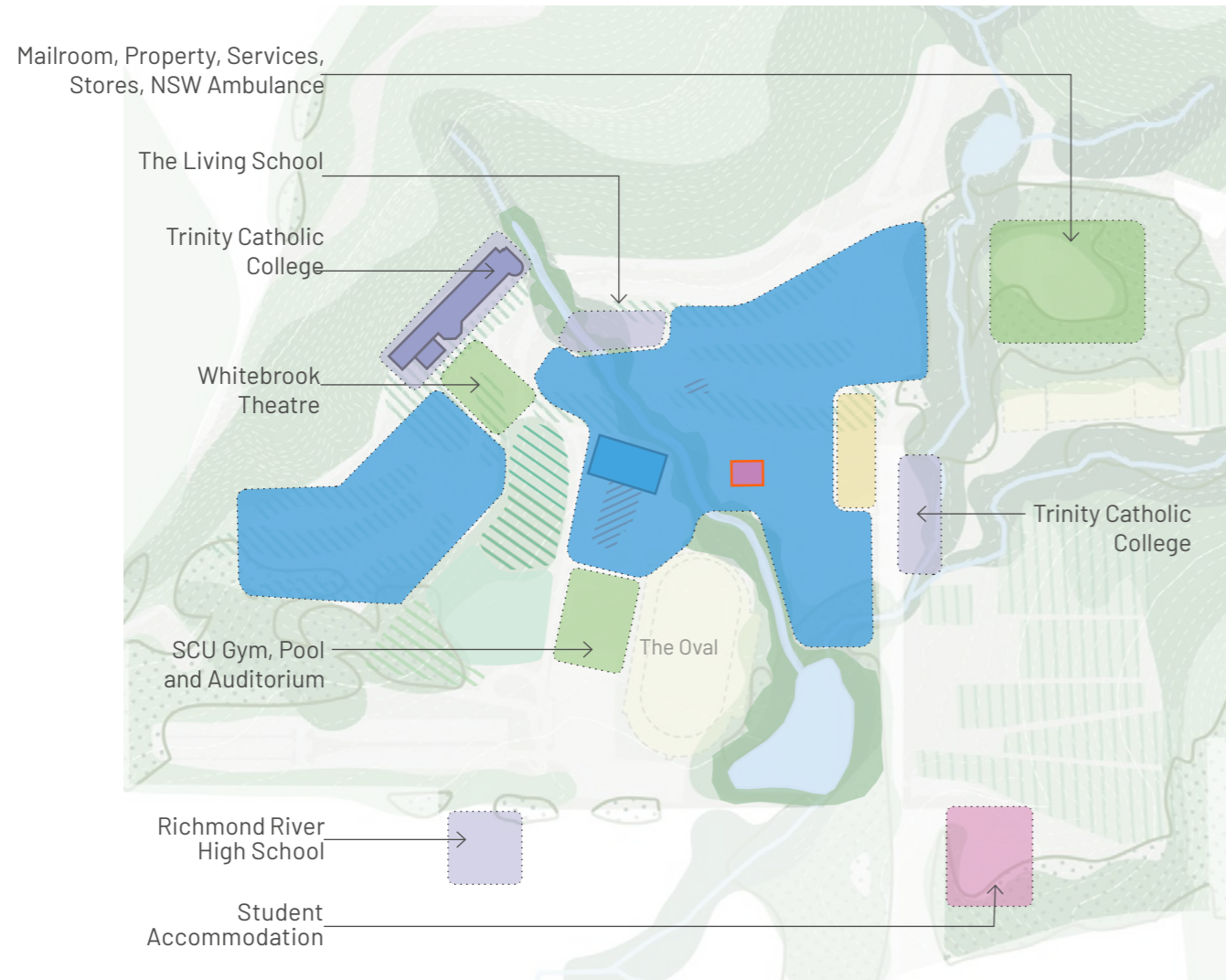
LEGEND

■	SCU program
■	Secondary School program
■	Shared program
	Future Precinct Expansion
	Main roads and Parking zones
—	Water bodies
	Public domain spaces
	Parking
	Trinity collective spaces
	Sports facilities



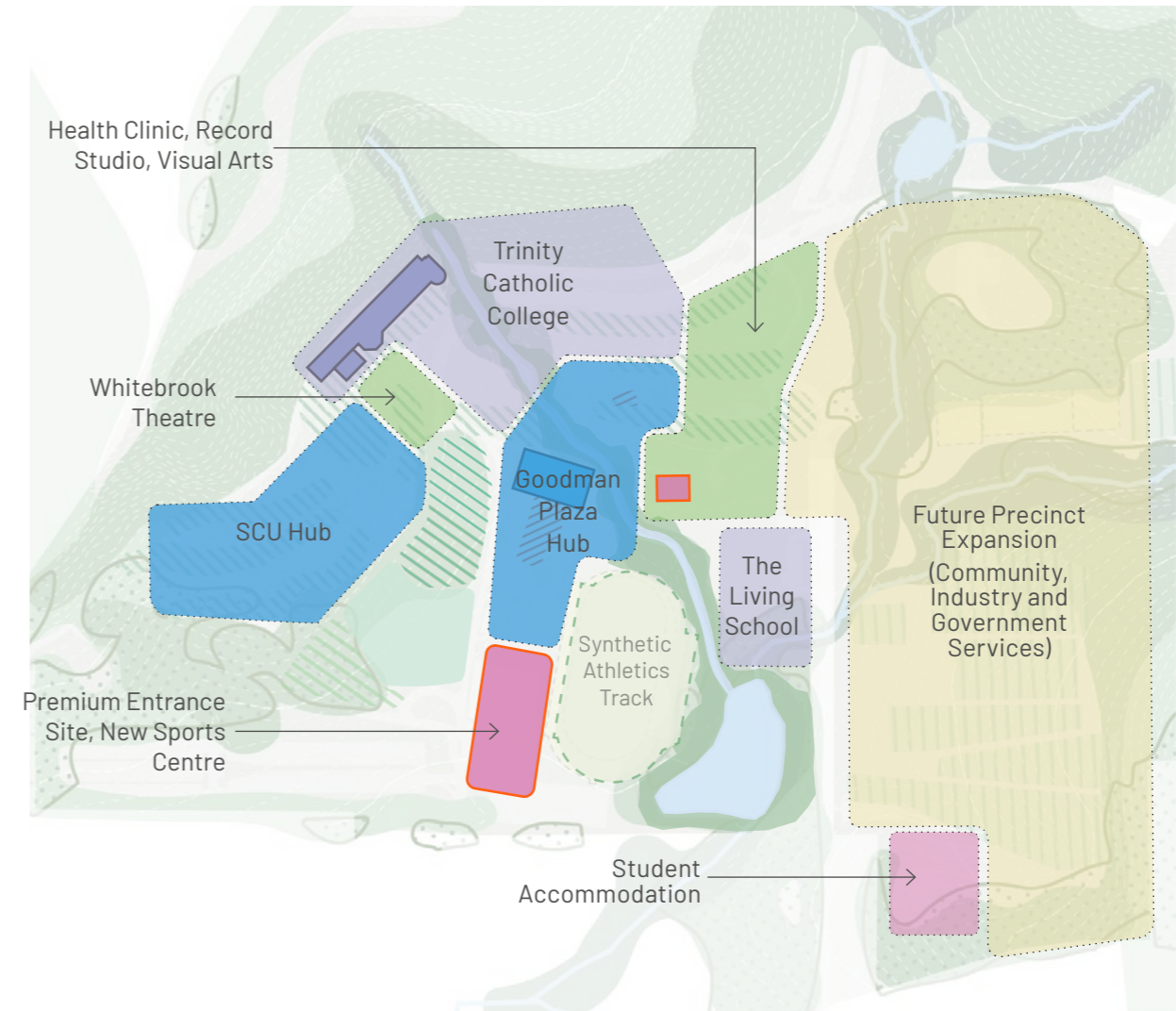
PRECINCT PLAN AND MAJOR DEVELOPMENTS

MASTER PLAN BEFORE AND AFTER



BEFORE

Currently, campus functions are scattered across the precinct, lacking organisational connection. The dispersed campus combined with hilly terrain and dense greenery, creates a complex network that results in challenging wayfinding, access and navigation.



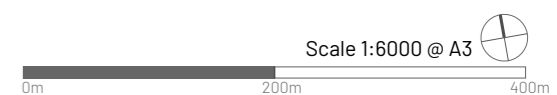
AFTER

The main goal for the new campus layout is to bring together different functions and facilities. This will make the campus easier to navigate and use, while also allowing buildings and spaces to be more adaptable and interconnected. As a result, we'll see the formation of unique but linked areas such as hubs and plazas, paving the way for future development. This opens up discussions for new facilities in the Arts, Emergency Services, and commercial sectors.

Critical infrastructure affected by the floods in the central business district and nearby areas will be rebuilt to improve amenity and accessibility for the community.

LEGEND

- Landscape public open space
- SCU dual HUBS
- Educational institutions
- Shared facilities
- Community industry
- Emergency evacuation facilities



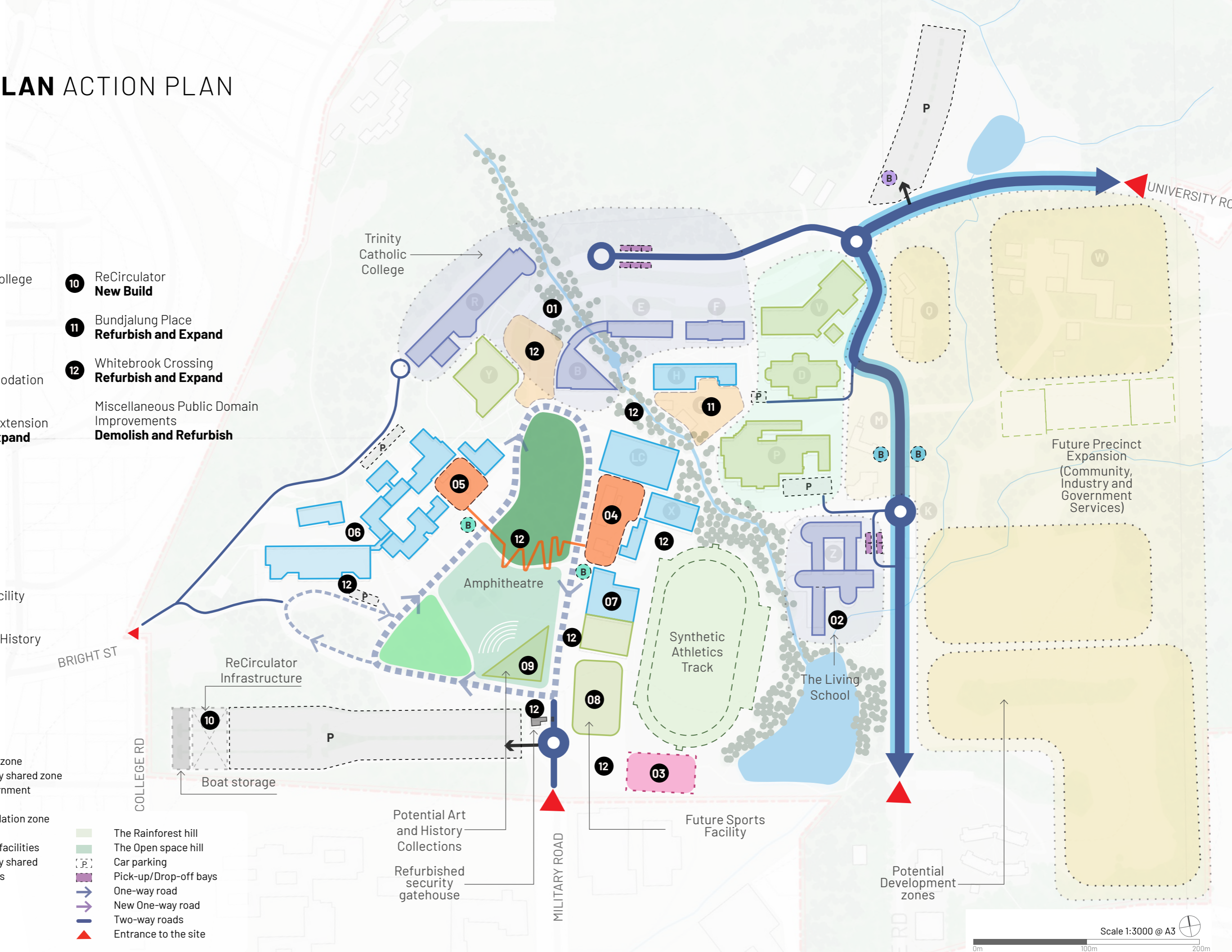
MASTER PLAN ACTION PLAN

PROGRAM:

- 01** Trinity Catholic College (R+B+E+F Block) **Refurbish**
- 02** Living School **Refurbish**
- 03** Student Accommodation **New Build**
- 04** Goodman Plaza Extension **Refurbish and Expand**
- 05** SCU Hub Plaza **Refurbish**
- 06** SCU Hub **Refurbish**
- 07** J Block **Refurbish**
- 08** Future Sports Facility **New Build**
- 09** Potential Art and History Collections **New Build**
- 10** ReCirculator **New Build**
- 11** Bundjalung Place **Refurbish and Expand**
- 12** Whitebrook Crossing **Refurbish and Expand**
- Miscellaneous Public Domain Improvements **Demolish and Refurbish**

LEGEND

- SCU Core zone
- Secondary Schools zone
- SCU and Community shared zone
- Community & Government Services zone
- Student Accommodation zone
- SCU facilities
- Secondary schools facilities
- SCU and Community shared
- Community facilities
- Core Plazas
- Secondary Plazas
- Synthetic Track
- Sport facilities
- The Rainforest hill
- The Open space hill
- Car parking
- Pick-up/Drop-off bays
- One-way road
- New One-way road
- Two-way roads
- Entrance to the site



PUBLIC DOMAIN IMPROVEMENTS

MASTER PLAN SOUTHERN CROSS LEARNING PRECINCT - MAIN ENTRY



The Master Plan envisions a welcoming and vibrant precinct through the strengthening of physical and operational assets, showcasing the dynamic, inclusive and sustainable environment that fosters education, research and community engagement.

MASTER PLAN SOUTHERN CROSS LEARNING PRECINCT - MAIN ENTRY

The Master Plan sets a pioneering model for regional university towns. It signifies a shift from a traditional study focused approach to a dynamic, multi-faceted hub of research, innovation and community partnerships.



MASTER PLAN SOUTHERN CROSS LEARNING PRECINCT - MAIN ENTRY



The capacity to host a wider range of events and offer new cultural spaces which will deepen the SCU's connection to the local community. The Master Plan initiatives are designed to enhance the social and cultural vibrancy of the region, making the precinct a central hub for community activities and engagement.

MASTER PLAN SOUTHERN CROSS LEARNING PRECINCT - MAIN ENTRY

A new outdoor amphitheatre for cultural events, community gathering and creating opportunities for activated cultural and community hubs with regular events, workshops and community programs, encouraging local participation and cultural exchange.



MASTER PLAN SOUTHERN CROSS LEARNING PRECINCT - GOODMAN PLAZA



Regeneration of gathering spaces, creating focal points for community interaction and activation.

MASTER PLAN SOUTHERN CROSS LEARNING PRECINCT - MILITARY ROAD



Redesigning the entry and traffic flow to craft a welcoming and easily navigable campus. This initiative focuses on improvements that foster an inclusive atmosphere with enhanced accessibility and safety.

PRECINCT PLAN SOUTHERN CROSS LEARNING PRECINCT -THE LEARNING CENTRE



The Learning Centre by Architectus Conrad Gargett

The Learning Centre's transformation will enhance the student experience, offering cutting-edge library, study, lounge, and teaching areas, centralising student-facing services on the ground floor for convenience, and integrating bookable spaces and meeting rooms for collaborative learning and engagement.

MASTER PLAN SOUTHERN CROSS LEARNING PRECINCT - SCU HUB



Delivery of world-class research and enterprise laboratory facilities, with a core focus on growth and innovation in primary production and natural products.

MASTER PLAN SOUTHERN CROSS LEARNING PRECINCT - BUNDJALUNG PLACE

Fostering Indigenous student success while retaining a deep connection to Country, through initiatives that honour Bundjalung heritage and integrate Indigenous knowledge into the precinct's fabric.



MASTER PLAN SOUTHERN CROSS LEARNING PRECINCT - THE LIVING SCHOOL ACADEMY



Establishing a strong, collaborative partnership with students and schools to ensure a cohesive and beneficial integration of an inclusive precinct.

MASTER PLAN SOUTHERN CROSS LEARNING PRECINCT - TRINITY CATHOLIC COLLEGE

Creating interconnected spaces, fostering new pathways and seamless transitions between education stages.



MASTER PLAN CONNECTIVITY IMPROVEMENTS

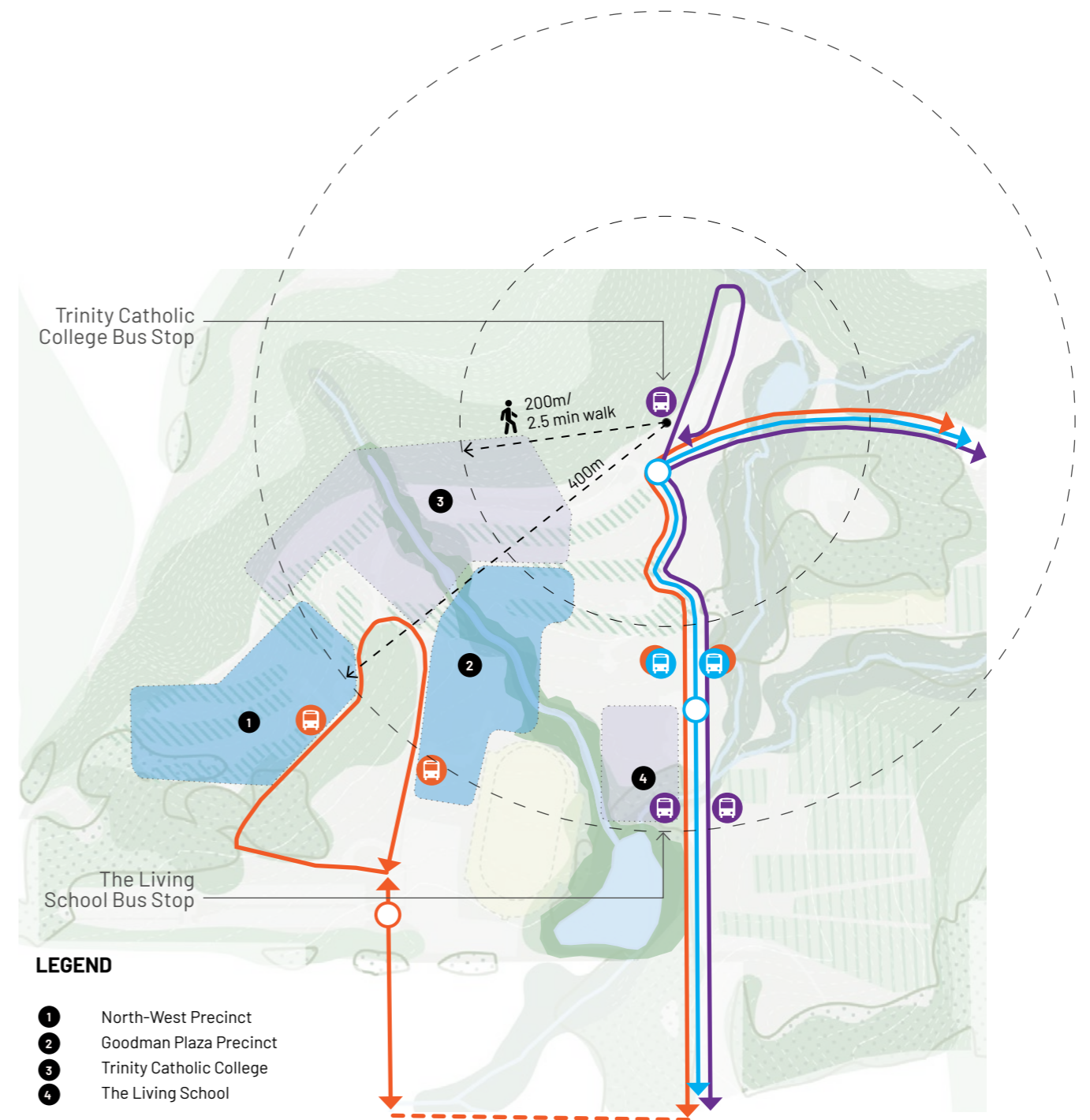


PRIVATE VEHICLE ACCESS AND MOVEMENT

Minimise the presence and predominance of vehicles on the campus, particularly in and around key activity nodes and links between zones. The focus shifts from a vehicle-dominant to a pedestrian network as the primary means of campus connectivity.

LEGEND

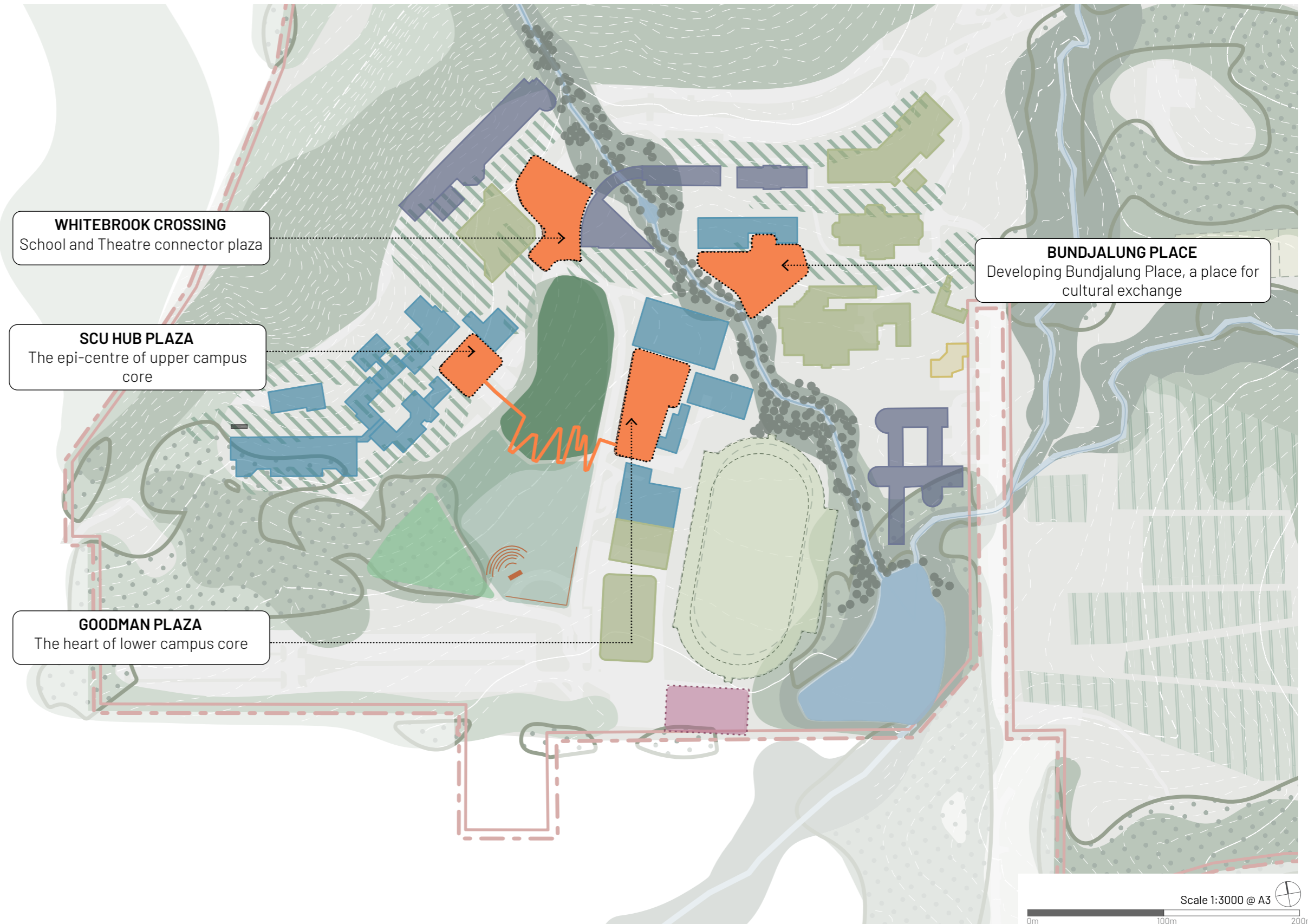
- One way road
- Two-way roads
- Pick-up/Drop-off bays
- Car Park zone
- Shared school bus route
- City bus route
- Campus shuttle bus route



SHARED VEHICLE ACCESS AND MOVEMENT

The strategy proposes to separate shared transportation networks. Public transportation buses and shared school buses operate in a distinct network along Rifle Range Road.

MASTER PLAN PUBLIC DOMAIN NETWORK











MASTER PLAN GOODMAN PLAZA

DETAILED PLAN

PROGRAM:

- ① **Goodman Plaza**
Outdoor flexible event space.
- ② **Arbour**
Structure creating shade and opportunities for art and greening integration.
- ③ **Rainforest Link**
Connecting two campus cores pathway through the rainforest.
- ④ **Cafe**
Refurbishing existing building and build new extension as a glasshouse cafe.
- **J Gym and Events space**
Refurbishing existing building with an indoor auditorium and a new amenities on the ground floor.
- **LC Learning Centre**
Learning Centre, Library AHA, Global and Offices, Clinic Skills Labs, Teaching Labs
- **X Student Admin**
Front counters and offices + under building storage.

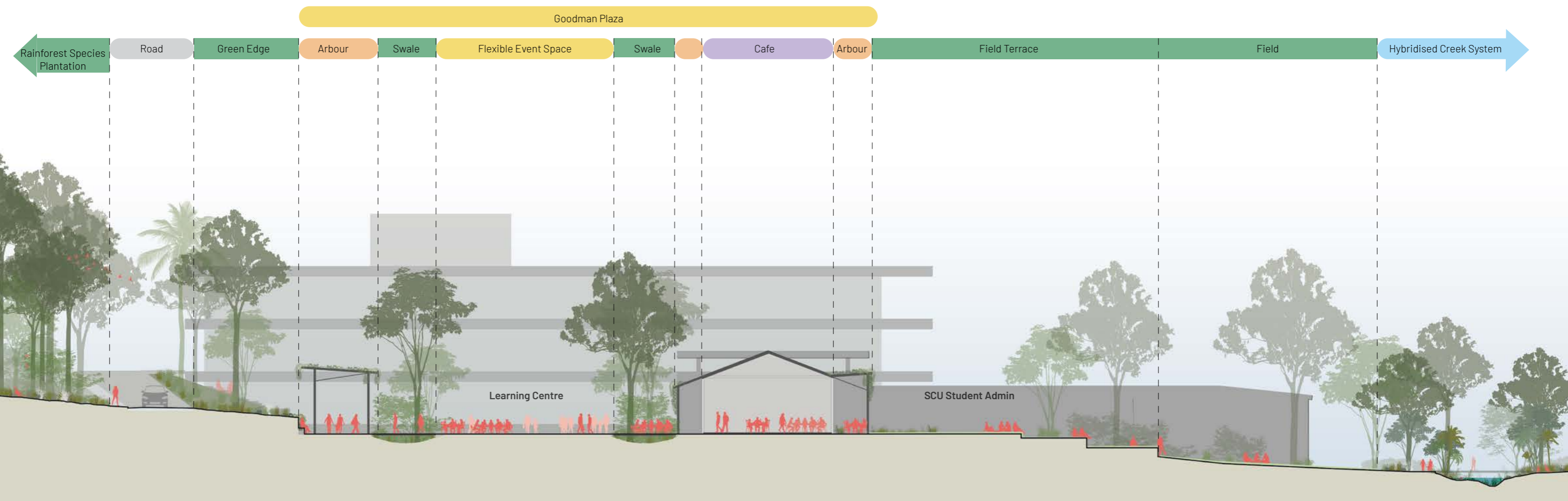
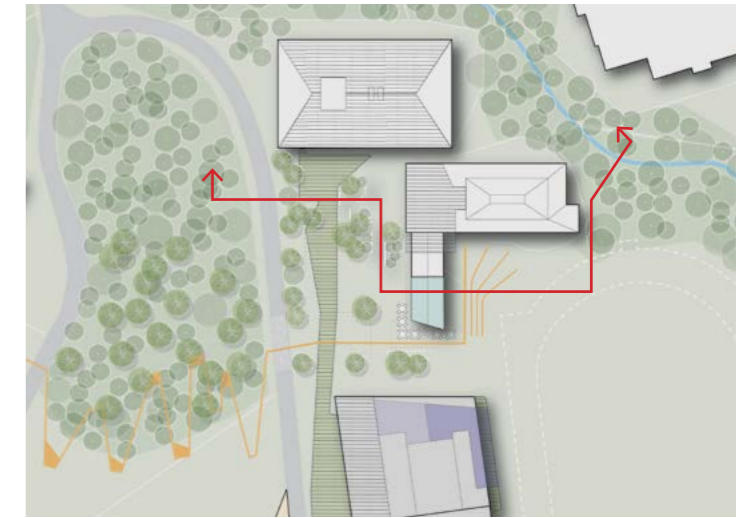
LEGEND

-  Arbour
-  Bar Terrace
-  Glasshouse
-  Solar Panels
-  Main pedestrian access
-  Demolished buildings
-  Main entrance to the building
-  Main entrance to Goodman Plaza



MASTER PLAN GOODMAN PLAZA

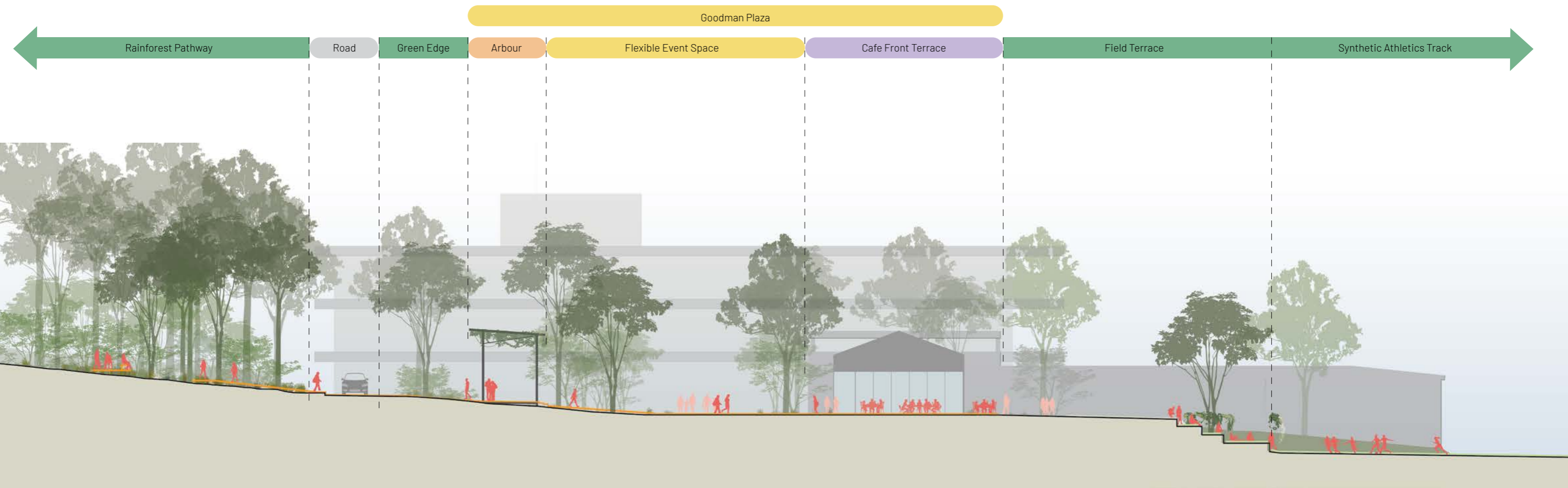
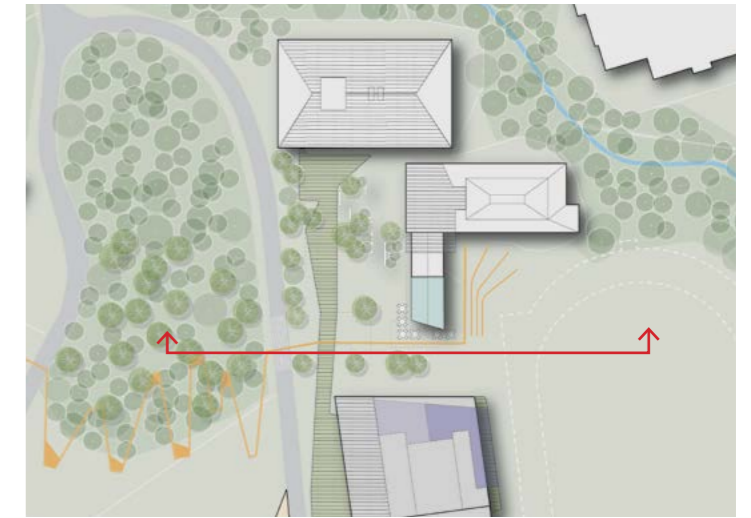
SECTION TO NORTH



Scale 1:800 @ A3

PUBLIC DOMAIN STRATEGY GOODMAN PLAZA

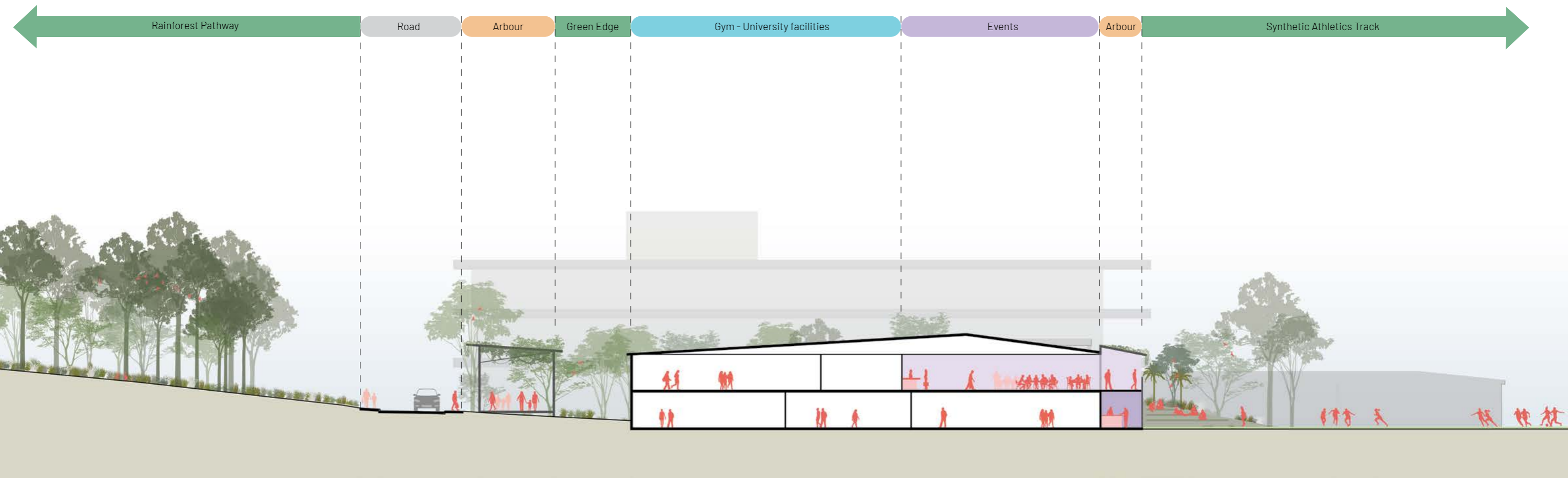
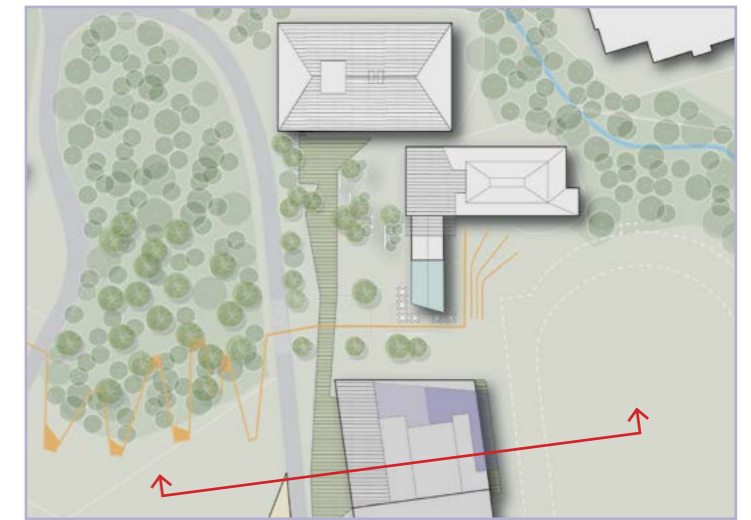
ENTRY SECTION



Scale 1:800 @ A3

PUBLIC DOMAIN STRATEGY GOODMAN PLAZA

SECTION THROUGH INDOOR AUDITORIUM



Scale 1:800 @ A3

PUBLIC DOMAIN STRATEGY GOODMAN PLAZA

IDEATION



Integrated terraces and greening into level change adjacent Sporting Ground



Potential screening capabilities



Integrated green/blue facade



Permeable built form with verandas capturing water and dispersing into garden beds



Arbours derived from adaptive reuse of existing built form

MASTER PLAN SCU HUB PLAZA

CONTEXT



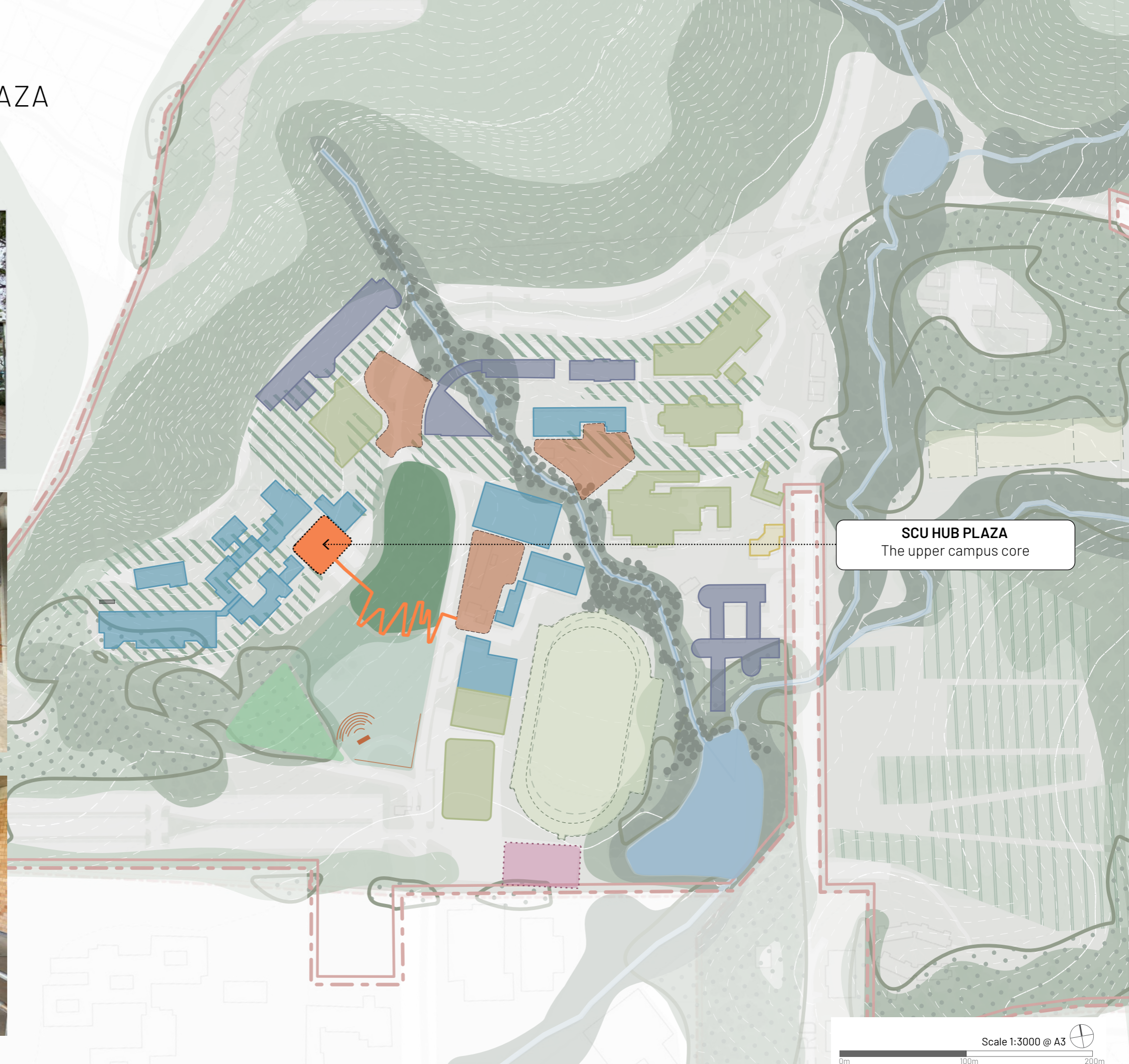
School of Environment, Science and Engineering entrance.



Pathway from Block O to Block U and A.



Exterior Block S circulation.



MASTER PLAN SCU HUB PLAZA

DETAILED PLAN

PROGRAM:

- ① **SCU Hub**
Outdoor flexible gathering space. Upgraded existing public space.
- ② **Runway**
Improved exterior materiality and improved circulation.
- ③ **Terraces**
Gathering outdoor spaces for users.
- ④ **Rainforest Link**
Connecting two campus cores pathway through the rainforest.
- T Research Labs**
Consolidation and rationalisation of the Labs.
- N**
- U Teaching Labs**
Consolidation and rationalisation of the Labs.
- O**
- Offices**
G Consolidation and rationalisation.
- Research and Teaching Labs**
S Consolidation and rationalisation as a result of Block and Stack strategy.

LEGEND

- Exterior circulation above
- Upgraded public spaces
- Main pedestrian access
- Main entrance to the building
- Secondary entrance to building
- Patterns of user circulation
- Main entrance to Precinct



MASTER PLAN SCU HUB PLAZA

CONTEXT



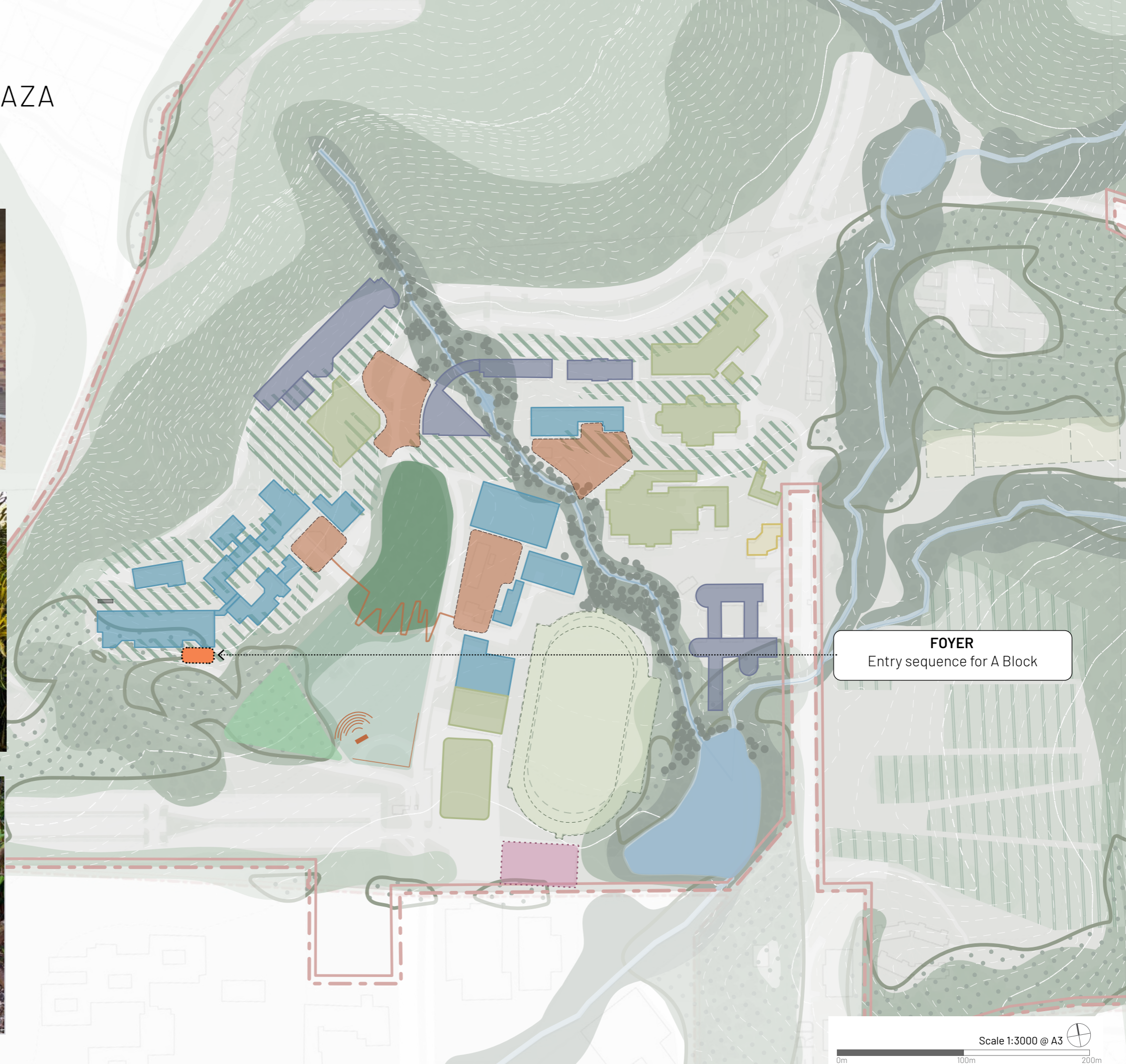
Main Entry A Block



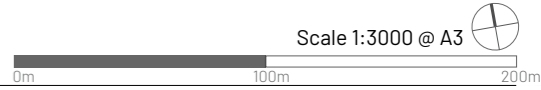
Entry Block A towards U Block



Secondary pathways to access A Block



FOYER
Entry sequence for A Block










MASTER PLAN ENTRY FOYER TO BLOCK A

DETAILED PLAN

PROGRAM:

- ① **Entry sequence**
Series of spaces and elements encountered by users as they enter Block A:
-Enhancement of landscaping
-Improved pathways
-Improved Wayfinding
-Entrance Identification
-Access Control
-Lobby or Reception Area
- ② **Transition area**
Gradual shift from vehicular traffic to pedestrian ensuring safety and convenience of both drivers and pedestrians
- A** **Faculty of Science and Engineering, Engagement, Research Centre for Teaching & Learning, Business Intelligence and Quality, Events, other SCU Staff.**
Fully refurbished and upgraded internal spaces.

LEGEND

-  Exterior circulation above
-  Upgraded public spaces
-  Main pedestrian access
-  Main entrance to the building
-  Secondary entrance to building
-  Patterns of user circulation
-  Main entrance to Goodman Plaza



MASTER PLAN BUNDJALUNG PLACE

CONTEXT



Journeys through the landscape



A site for the Yarning Circle



Spaces for gathering, teaching and communication



BUNDJALUNG PLACE
Expansion of H Block square

Scale 1:3000 @ A3
0m 100m 200m










MASTER PLAN BUNDJALUNG PLACE

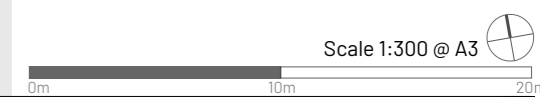
DETAILED PLAN

PROGRAM:

- 01 Yarning Circle**
Yarning circle with outer seating, inner seating, and a potential fire pit, nestled in the landscape with a clear connection to Gnibi College.
- 02 Gnibi Assembly Space**
Lower outdoor teaching space with connection to Bundjalung Place yarning circle. Improved pathways and site level treatment to improve access and mobility.
- 03 Gnibi Outdoor Teaching Space**
Learning space with framed views to the yarning circle.
- 04 Gnibi Garden**
Native habitat planting with possibility to include cultural planting and indigenous edibles.
- 05 Sheltering Trees**
Vegetation nestled around the yarning circle to screen, frame key views, and provide shade.
- 06 Connected Tributary**
New tributary connections to join existing secondary water flow path to the creek, and increase the amount of saturated soil.
- 07 Path Along Saturated Landscape**
Campus-wide path network co-located with the tributary to utilise the cooling effects.
- 08 Experiential Walks**
Path winding through vegetation sequences
- 09 Stopping Point**
Sitting area
- 10 Hyper Saturated Node**
- 11 Aeration Zone**
Rocky Landscape to aerate water flows

LEGEND

-  Water body
-  Plantation
-  Main pathway
-  Secondary pathway
-  Alternative pathway
-  Community gardens
-  Entry sequence (Spaces for gathering, teaching and communication)
-  Seating areas
-  Section line



MASTER PLAN BUNDJALUNG PLACE

SECTION THROUGH YARNING CIRCLE



MASTER PLAN WHITEBROOK CROSSING

CONTEXT



Adaptive Spaces - interior-exterior threshold zones



Multi-level access ways through the landscape



Intermediate connection at level change



WHITEBROOK CROSSING
School and Theatre connector plaza

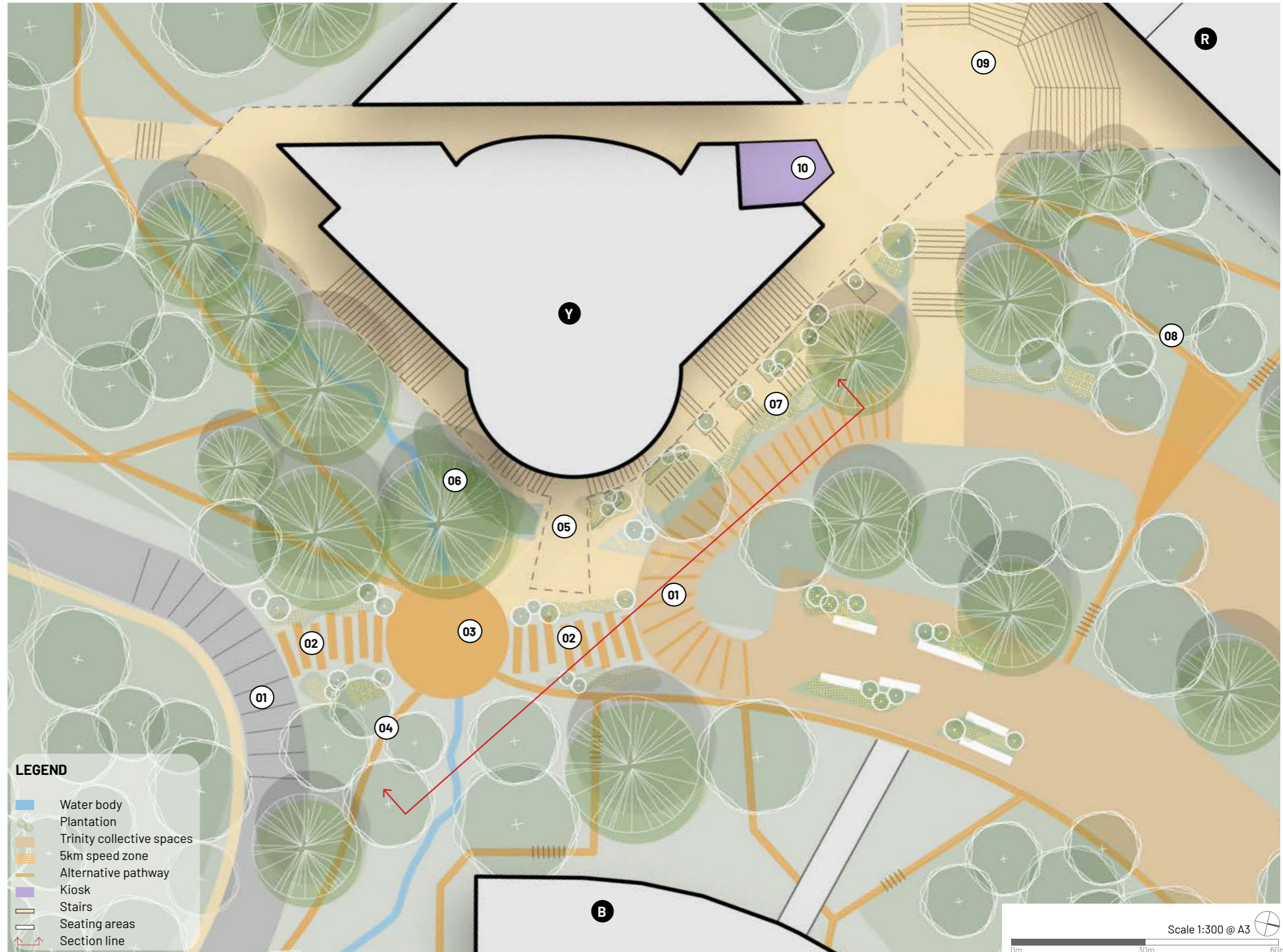
Scale 1:3000 @ A3
0m 100m 200m

MASTER PLAN WHITEBROOK CROSSING

DETAILED PLAN

PROGRAM:

- 01 Shared Zones**
5km speed zones – heavily corrugated surface.
- 02 Service/Emergency Access**
Roadway base retained, surface incised and planted with ground cover.
- 03 Whitebrook Crossing**
Meeting point for pedestrian traffic to the theatre from: SCU Hub high road, SCU Hub low road, SCU Hub drop off point, South Campus/Learning Centre, B Block/Trinity Campus.
- 04 Rainforest Walk**
To Goodman Plaza and Learning Centre.
- Entry**
- 05** New canopy, elevated planting, signage and lighting to mark entry to the theatre, via Whitebrook Terraces.
- Harvesting Roofwater**
- 06** Rainwater collected from roof irrigates vertical planting, discharges into micro-creek corridor.
- Whitebrook Terraces**
- 07** Stepped entries to theatre including: the original stairs with brick walls opened out, new planting and connecting platforms; new Terraces with a series of steps, platforms, seats and planting, integrated with the slope, and connected to the original stair at some points; and the shared zone. The concrete portico overhead is heavily planted, with greenery cascading over the edges.
- Accessible Entry**
- 08** Adjacent to vehicular drop off point.
- Whitebrook Plaza**
- 09** Collection/aggregation point for pedestrian movement from: Internal Whitebrook corridor, and SCU Hub high road, the original stairs, the Terraces, Shared way and Trinity steps, Accessible entry, Trinity amphitheatre, and BOH of SCU Hub.
- Whitebrook Kiosk**
- 10** Servery/bar/ticket office in converted storeroom, oriented to Whitebrook Crossing.



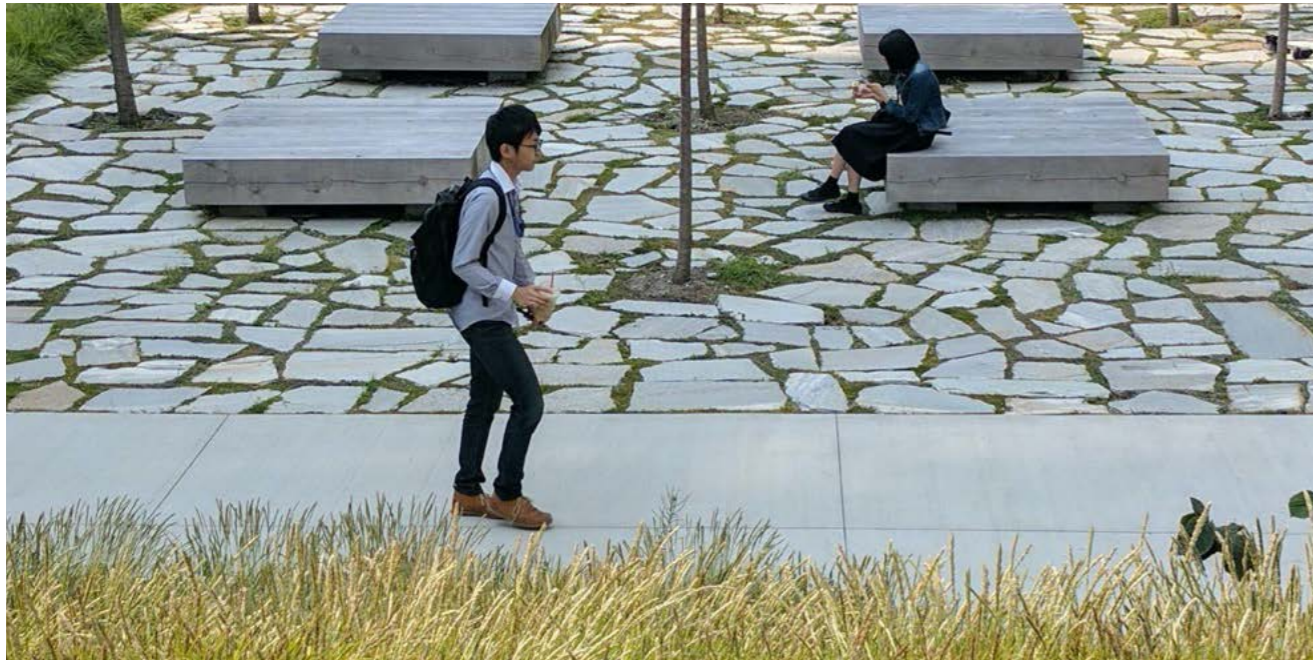
MASTER PLAN WHITEBROOK CROSSING

SECTION



MASTER PLAN WHITEBROOK CROSSING

PRECEDENTS



Adaptive spaces - larger gathering



Integrated greening into level change



Integrated greening into built form



Occupiable terraces and spaces - incorporating viewing/event occupation



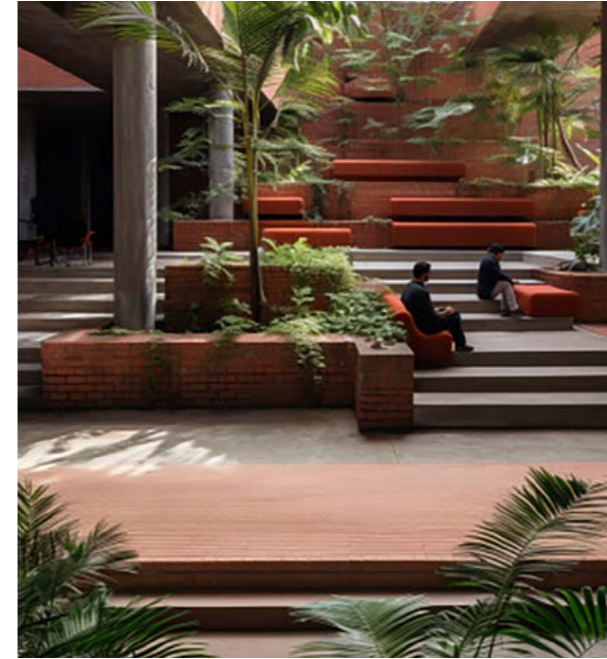
Pedestrian connectivity along ephemeral creek lines

MASTER PLAN WHITEBROOK CROSSING

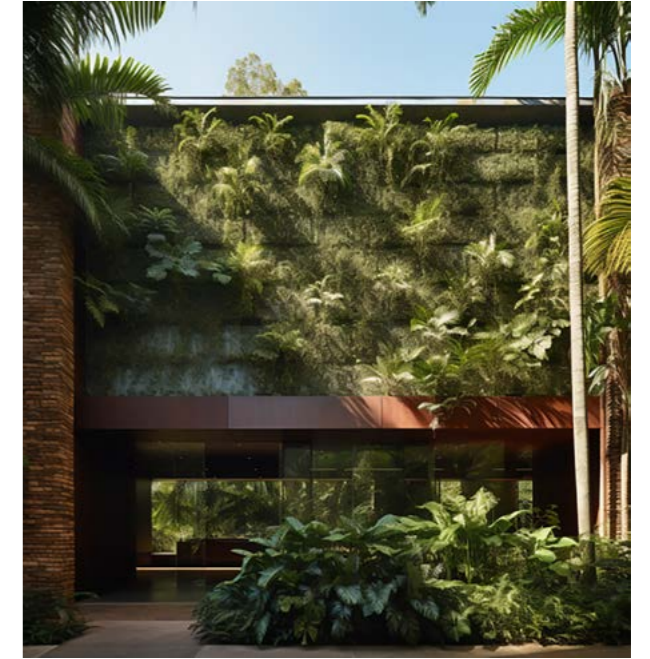
IDEATION



Utilising asphalt as areas of occupation



Occupiable terraces and spaces



Integrated green/blue facade



Pedestrian connectivity along ephemeral creek lines



Integrated greening into level change and built form

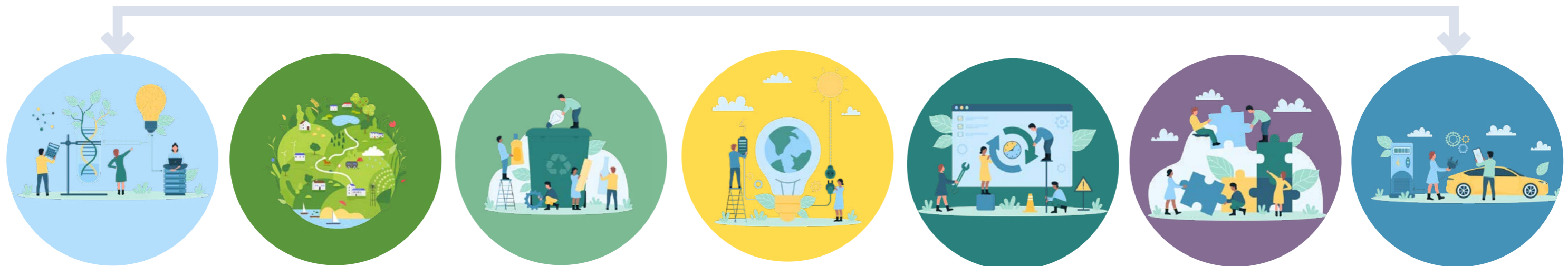
SUSTAINABILITY AND ENVIRONMENTAL APPROACH

MASTER PLAN SUSTAINABILITY FRAMEWORK

The Sustainability Strategy, developed in alignment with the Master Plan, will be finalised and delivered concurrently, ensuring a cohesive approach to sustainable development

SUSTAINABILITY FRAMEWORK

The 2050 sustainability vision of the Master Plan will catalyse the existing research community and expand on innovative knowledge into living laboratories, embrace and protect the significant natural ecosystems and will foster a place which champions Net Zero emissions, circularity and climate resilience.



THE CAMPUS IS INNOVATIVE AND FOSTERS SUSTAINABLE RESEARCH & EDUCATION

The campus Master Plan will foster innovative solutions and provide a bed for living laboratories that champion research and innovation. The campus positions Lismore as a learning city of the Northern Rivers and provides education, hands-on training facilities and research opportunities in efforts to solve the complex issues of climate change.

THE CAMPUS PROTECTS & ENHANCES ITS BIODIVERSITY, GREEN AND BLUE NETWORKS

The Master Plan protects the biodiversity of the site and enhances its natural assets by including nature-based solutions. The Master Plan will protect all living creatures on site including the koala population while fostering a cleaner environment for all water bodies on site. The Master Plan will embed aboriginal learnings in the regeneration of the land.

THE CAMPUS ACTIVELY REDUCES WASTE AND WATER USE WHILE FOSTERING CIRCULARITY

The campus diverts most waste, treats and up-cycles where possible. The Master Plan reduces excess consumption and embeds circularity while prioritising adaptive and reuse over new buildings. The campus reduces water consumption, enhances conservation measures and aims to better use this precious resource as much as possible.

THE CAMPUS IS NET ZERO EMISSIONS BY 2035

The campus will foster leadership in reducing greenhouse gas emissions to zero. SCU is committed to make necessary efforts in reducing scope 1, 2 and 3 greenhouse gas emissions to Net Zero by 2035 or earlier. The Master Plan enhances energy security and will invest in renewable energy in the long term.

THE CAMPUS IS RESILIENT AND ADAPTABLE AGAINST THE RISKS OF CLIMATE CHANGE

The campus is designed with the right infrastructure for it to be ready as an evacuation centre for the community of Lismore. The Master Plan will focus on flood mitigation structures, infrastructure and strategies on improved flood resilience.

THE CAMPUS PRIORITISES EQUITY, COMMUNITY AND HEALTHY LIFESTYLE

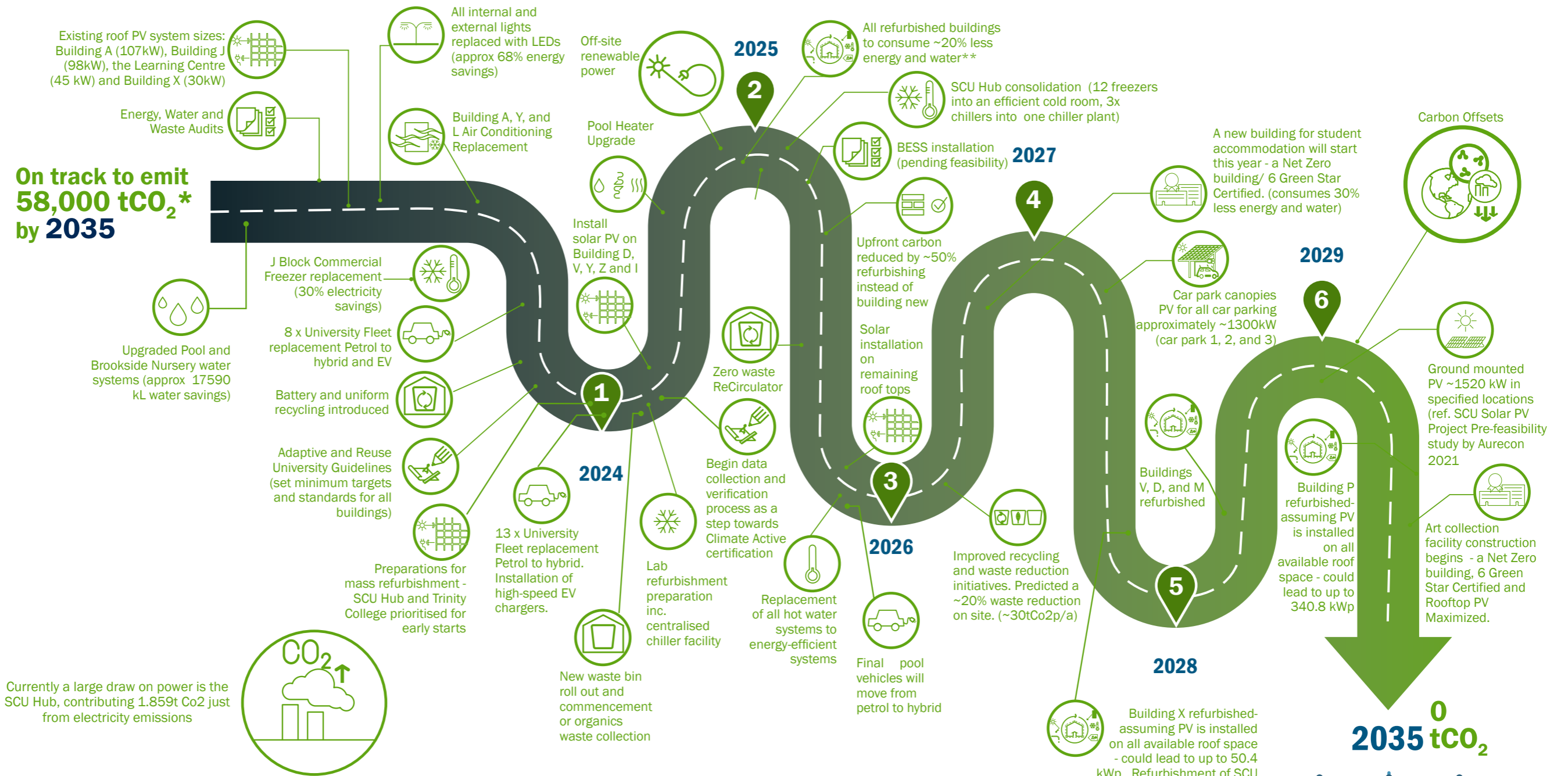
The Master Plan enhances the role of the campus as a community service provider and aims to deliver a bed for basic services such as food, housing and clean water to students and staff. The Master Plan fosters meaningful engagement with the community and a healthy sustainable lifestyle.

THE CAMPUS REDUCES EMISSIONS RELATED WITH MOBILITY

The Master Plan improves transportation issues on site by encouraging sustainable transport alternatives to single-car use and embeds other environmentally friendly options including a more walkable campus.

MASTER PLAN NET ZERO BY 2035

The Net Zero Roadmap outlines the strategic journey of the SCU Lismore campus toward achieving its Net Zero goals.



*Note: Estimated number includes Electricity, Water, Waste, Embodied, Fleet forecast inc. scopes 1, 2 and limited 3 with information to date (review assumptions table in the appendices of this report or the Resource Modelling report for more details)
 ** Compared to their baseline due to optimised building systems (split system units replacement, efficient lighting, appliances and water saving fixtures) and passive design strategies
 Note: All new refurbishments assume maximised solar PV on roof top



**WITH THANKS TO THE NSW DEPARTMENT OF EDUCATION FOR THEIR SUPPORT
AND THE FUNDING PROVIDED TO DEVELOP THE MASTER PLAN.**



TERROIR

>> POSSIBLE STUDIO

REALM studios

EDUCOLOGY



JOC CONSULTING
creative urban planners