



THE UNIVERSITY OF
SYDNEY



SYDNEY UNIVERSITY
SYDNEY UNI CONCEPT LANDSCAPE PLAN
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THE UNIVERSITY OF SYDNEY CONCEPT LANDSCAPE PLAN

Client:
THE UNIVERSITY OF SYDNEY

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EXECUTIVE SUMMARY AND INTRODUCTION

EXECUTIVE SUMMARY

The University of Sydney has had an ever evolving landscape. From the traditional lands of the Cadigal People of the Eora nation to the urban fabric of the present campus, the University of Sydney Camperdown and Darlington campuses will continue to develop as the university evolves.

Yet, as for so many urban Universities in Australia and internationally, the Camperdown and Darlington campuses are an evolving and exciting development challenge where strategic thinking must set the framework for quality and sustainability of the place.

The Concept Landscape Plan is, therefore, a critical part of the Campus Improvement Program in creating a set of landscape and public domain principles for the campus.

The Concept Landscape Plan comprises three major elements and outcomes, and provides a framework for future designers and managers via its:

- Issues, Opportunities and Constraints
- Strategic Intent
- Landscape Planning and Design Principles

Together, these components of the Concept Landscape Plan provide a rationale and quality direction for future development and ongoing management of the university's campus.

INTRODUCTION

The University of Sydney Campus Landscape

The University of Sydney has a significant place in the past and present life of the City of Sydney. The Camperdown, and Darlington (in particular), campuses have witnessed a changing of the landscape, and of the City around them. The University's image and character has a large 'presence' of the southwest entry into the City. The landscape of the university especially, has long been an extension of the city's public domain and urban form. Indeed, the University of Sydney's historical fabric is strengthened by the campus landscape and local landscape context.

Opportunity

This legacy is vital to design of the contemporary campus too, perhaps more so as a consequence of the ever changing role of the university in society, the communication revolution in our digital age, and the challenges of globalization. Indeed, landscape as a central component in the urban design and environmental performance of any campus is an ideal medium for creating a sense of place, ensuring sustainability and expressing the values and meaning of university as a community.

The University of Sydney's adoption of a strategic approach to the development and management of its campus through the Campus Improvement Program (CIP) 2014-20, is a timely opportunity to reinforce the education, at all cultural eminence of the institution.

As a complement to the CIP, the landscape and public domain of the University can help create a coherent and legible campus, a consistent quality in development, and a memorable experience relating to its unique identity.

Project Background

The Concept Landscape Plan is built on a broad understanding of the University's landscape legacy, site, new opportunities and development intentions. This is essential to providing a lasting landscape strategy that can be applied both to the whole University and to specific intentions for the first priority precincts of the CIP.

The process has involved combining extensive, existing information with site analysis, to produce an explanatory and illustrative document. The plan starts with determining the major issues, opportunities and constraints; providing a robust framework for decision making through a strategic intent and range of planning and design principles; then demonstrating these in application through an illustrative campus wide Concept Landscape Plan and five Precinct character models.

Beyond its operational dividends, the Concept Landscape Plan also has the potential to reinvigorate the campus as a place - meaningful and functional in times of change, a place also, where memories are made and will be revisited over generations to come by the university's diverse, expanding community.

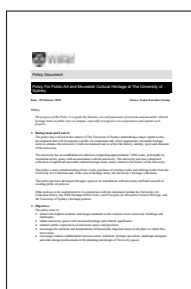
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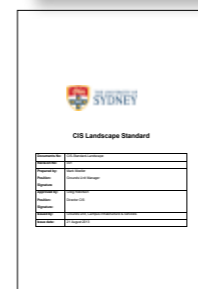
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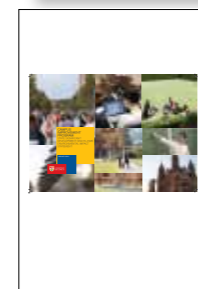
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INTRODUCTION AND SITE CONTEXT

GLOSSARY

Landscape and Public Domain Issues, Opportunities and Constraints

A campus similar to The University of Sydney contains many layers. The Campus Improvement Program, along with a large number of relevant documents have mapped these layers. The first stage of the Concept Landscape Plan is to recognise the landscape and public domain specific *issues, opportunities and constraints* of these layers, under the categories of:

- Access and Circulation
- Image and Character
- Facilities and Uses
- Environment
- Cultural Heritage
- Management and Maintenance

Strategic Intent

The Concept Landscape Plan is a document comprising many interrelated actions spread over a large and diverse Campus. A crucial element of the plan is the adoption of a *strategic intent* for the Camperdown and Darlington Campuses of the University. Expanded as a concise and engaging idea, it serves to encapsulate all the strategies, actions and objectives conveyed in the Concept Landscape Plan, providing an overall vision for the public domain and landscape of the site.

Landscape Planning and Design Principles

The objective of this series of *planning and design principles* is to provide a framework for the evolving landscape of The University's Camperdown and Darlington Campuses.

The principles apply to elements of both the Camperdown and Darlington Campuses but are specific to public domain and landscape planning, for creating a strong, evident consistency in future designs.

Concept Landscape Plan

The *Concept Landscape Plan* illustrates the practical application of the Landscape Planning and Design Principles.

It is formulated as a 'loose fit,' guidance style plan aimed at working with the evolving with the detail of development on the Campus and Precincts. It is an informing document which aligns with the CIP, being a 'live policy document,' not a heavily prescriptive or inflexible plan.

The Concept Landscape Plan is envisaged to be a practical resource for reinforcing a distinct identity for the university from planning to grounds management.

The Plan is integrated with the development intended as a result of the Campus Improvement Program. For the immediate future and stages of improvement ahead, this will be the primary tool for co-ordinating the Campus Landscapes spatial quality and character management.

SITE CONTEXT

City of Sydney

The University of Sydney has an important relationship to the City of Sydney and its Central Business District. It has a distinct connection contextually and philosophically. The University of Sydney is an extension of the urban fabric of the Sydney CBD. The public domain and landscape have evolved in synchronization to create a unique character, different to the wider area.

Victoria Park

Victoria Park is owned by The City of Sydney. It is located to the northeast of the Camperdown Campus, with Parramatta Road to the North and City Road to the East. It has a traditional park setting that is vital for The University of Sydney. Victoria Park provides additional open space for students and pathways for connecting pedestrians through the Park to the Darlington Campus.

Royal Prince Alfred Hospital

The Royal Prince Alfred Hospital is the largest hospital in metropolitan Sydney. It is an essential stakeholder and proves to be a facility that unifies The University of Sydney's medical fraternity. The Royal Prince Alfred Hospital is located to the West of the Camperdown Campus. The association between the Hospital and University goes back over 130 years and helps create not only an educational connection but a public domain and landscape that links and creates a blurred edge between hospital and university campuses.

The Colleges

St Andrews, St Johns, St Pauls, Wesley and Womens College have historic and essential connections with The University of Sydney. The Colleges are predominately located to the Southwest side of the Camperdown campus. The Colleges historically have a close relationship with the University and attribute to the important surrounding context of the University.

Redfern Station

Redfern Station is a major train station within the Sydney Metropolitan area. The majority of the train lines pass through Redfern Station before continuing onto Central Station. It is located to the Southeast of the Darlington Campus. The University of Sydney recognises that it is the major public transport node, proving to be an important delivery method for the University. The recent commitment by the University in providing a strong connection to the station, illustrates the importance of Redfern Station.

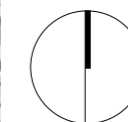
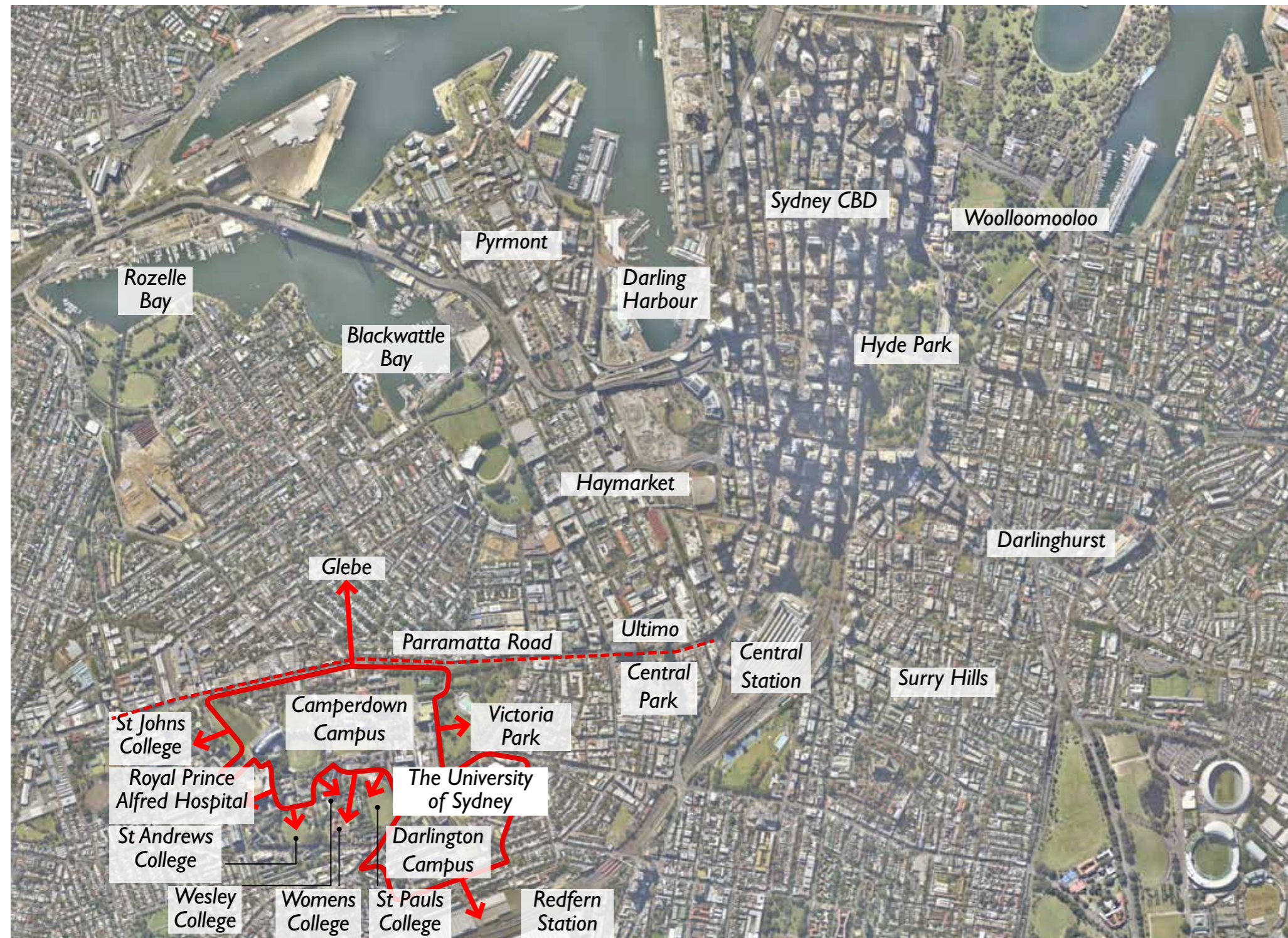
Surrounding Suburbs

The immediate surrounding suburbs to The University of Sydney mostly include Camperdown, Darlington, Glebe, Chippendale, Eveleigh, Waterloo, Newtown, Forest Lodge and Erskineville. The University of Sydney has an important relationship with the surrounding suburbs and community. The University looks for all opportunities to engage and incorporate the surrounding residents and stakeholders with the immediate and wider university community. It is essential when creating a successful University that it becomes an extension of the surrounding demographic.

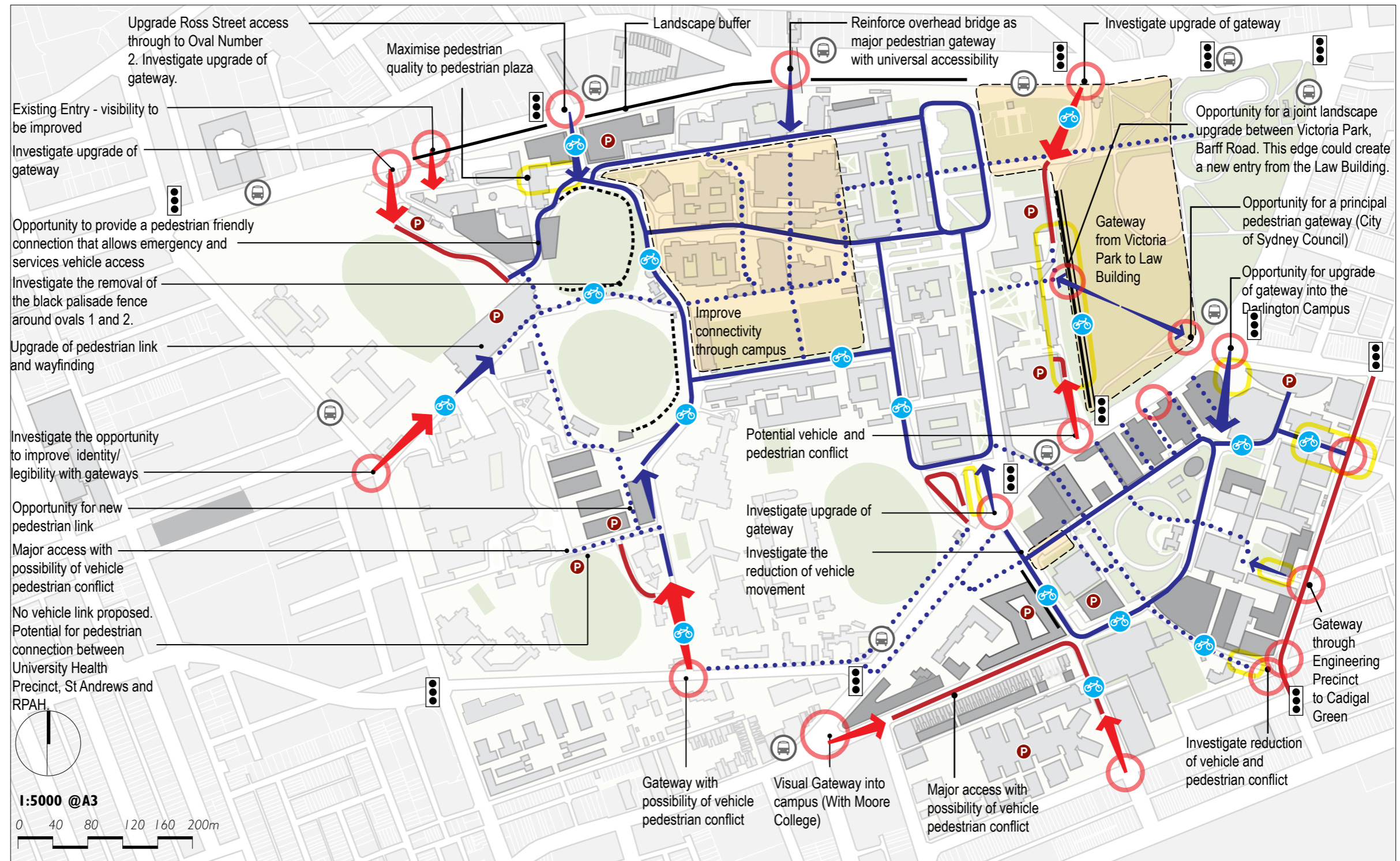
Parramatta Road

Parramatta Road is one of Sydney's largest arterial road corridors. It is located to the North of the Camperdown Campus. The road is used as an important corridor to deliver students to the University. Historically the University was developed to be serviced by the transportation corridor. It will play a key role in its future development.

SITE CONTEXT
















ISSUES, OPPORTUNITIES AND CONSTRAINTS - ACCESS AND CIRCULATION



ACCESS AND CIRCULATION

LEGEND

-  Prominent Vehicle Access
-  Prominent Pedestrian Access
-  Gateways
-  On Campus Parking
-  Opportunity for a greater bicycle designated route
-  Steep Grades On Campus, building designed to consider connection to ground and universal access
-  Improve Pedestrian Quality
-  Pedestrian And Bicycle Access
-  Existing black palisade fence
-  Pedestrian friendly Access
-  Opportunity to raised threshold and incorporate historic kerb into streetscape
-  Vehicle Access
-  Existing bus stops
-  Existing traffic crossing



Opportunity to provide better permeability to the campus



Opportunity for new pedestrian gateway



Opportunity for new gateway



Maximise pedestrian quality to pedestrian plaza

ISSUES, OPPORTUNITIES AND CONSTRAINTS - IMAGE AND CHARACTER

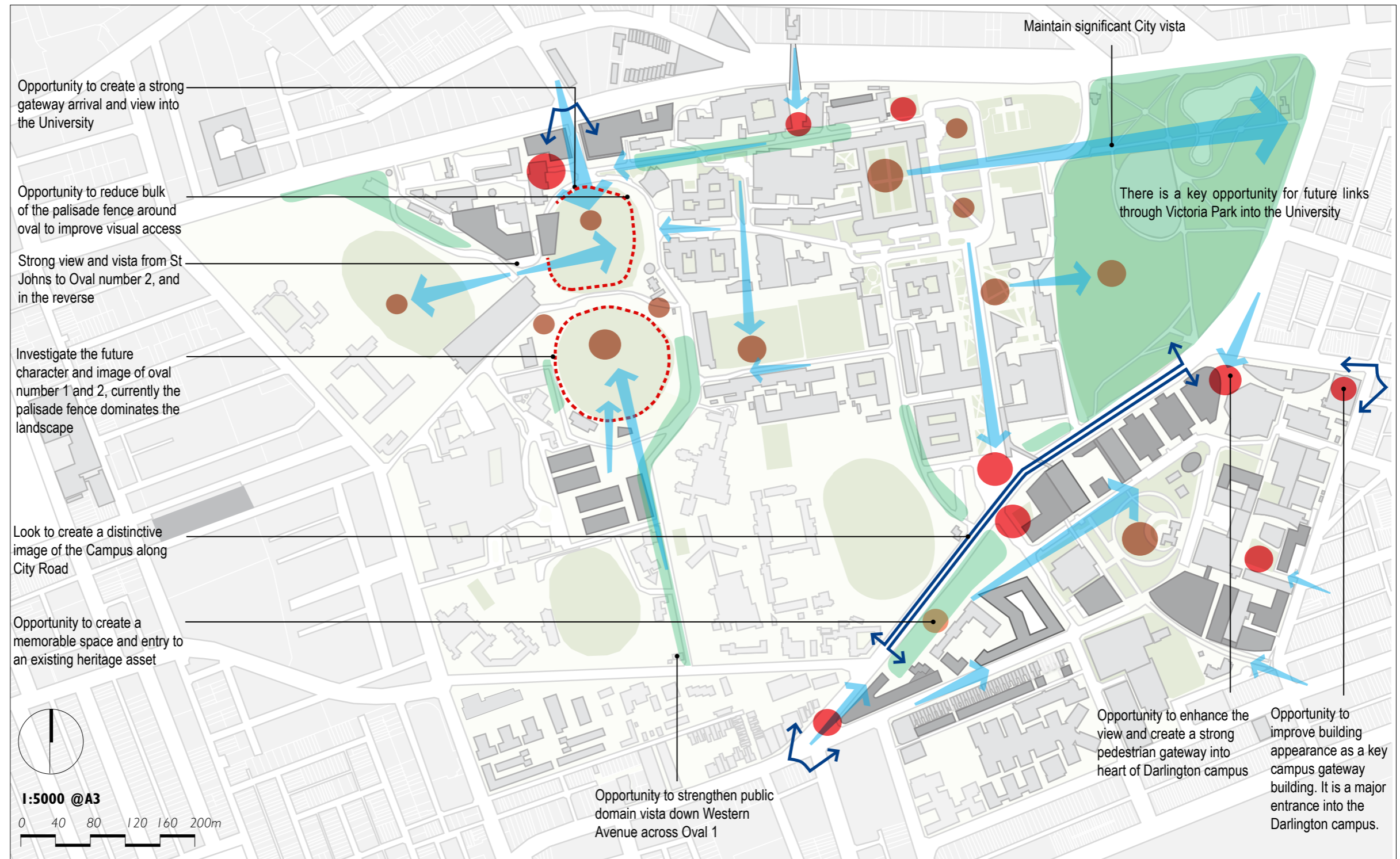


IMAGE AND CHARACTER

LEGEND



Existing and proposed views and vistas



Existing vegetated character



Existing memorable places



Opportunity to create future memorable landmark places



Opportunity to create a distinctive gateway image of campus



Opportunity to create a memorable space and entry to an existing heritage asset and removal of surface parking



Opportunity to reinforce existing views and vistas

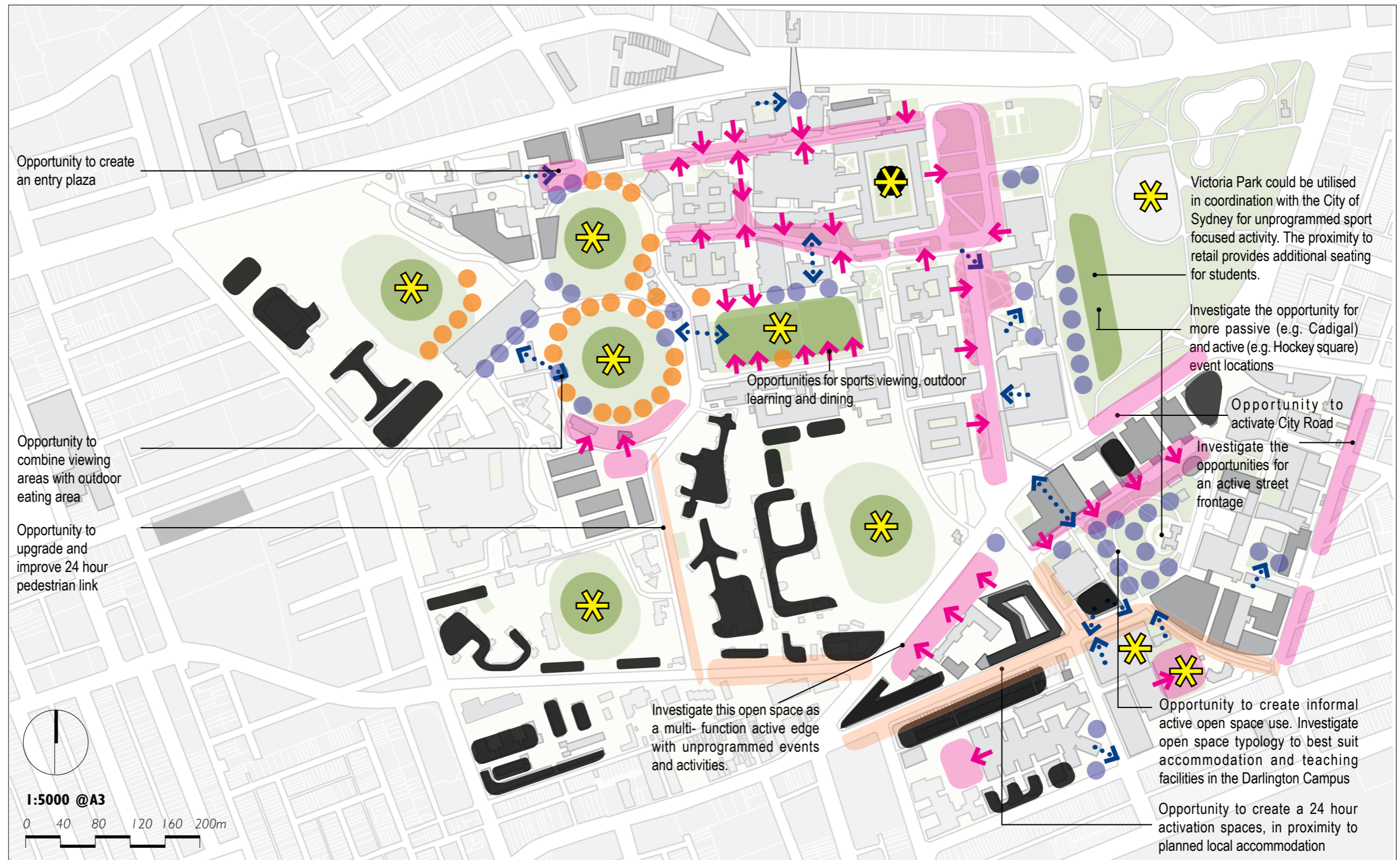


Opportunity to create future memorable places



Opportunity to reinforce existing views and vistas

ISSUES, OPPORTUNITIES AND CONSTRAINTS - ACTIVE AND PASSIVE SPACES



ACTIVE AND PASSIVE SPACES

LEGEND

-  Currently identified sport focused active spaces
-  Opportunity to develop street facilities, active frontages, outdoor classroom, waiting areas, additional seating, conversation pods etc.
-  Current and potential accommodation facilities
-  Investigate the opportunity to develop and activate after hours facilities and uses along streetscape
-  Opportunity to develop spaces for student congregation and waiting for classes
-  Investigate the opportunity to create spaces and areas for viewing of sports and socialising, taking advantage of existing topography and proximity to food and beverage facilities.
-  Investigate the opportunity of areas that can be utilised for viewing of sport focused active spaces
-  Existing and proposed retail outlets
-  Existing major sporting locations
-  (Quadrangle)
Existing formal courtyard and major event space



Existing major event locations



Science Road has significant heritage fabric, the trees and kerbs, reinforce a historic axis. There is an opportunity along science road to develop street facilities, outdoor classroom, waiting areas, additional seating creating conversation pods

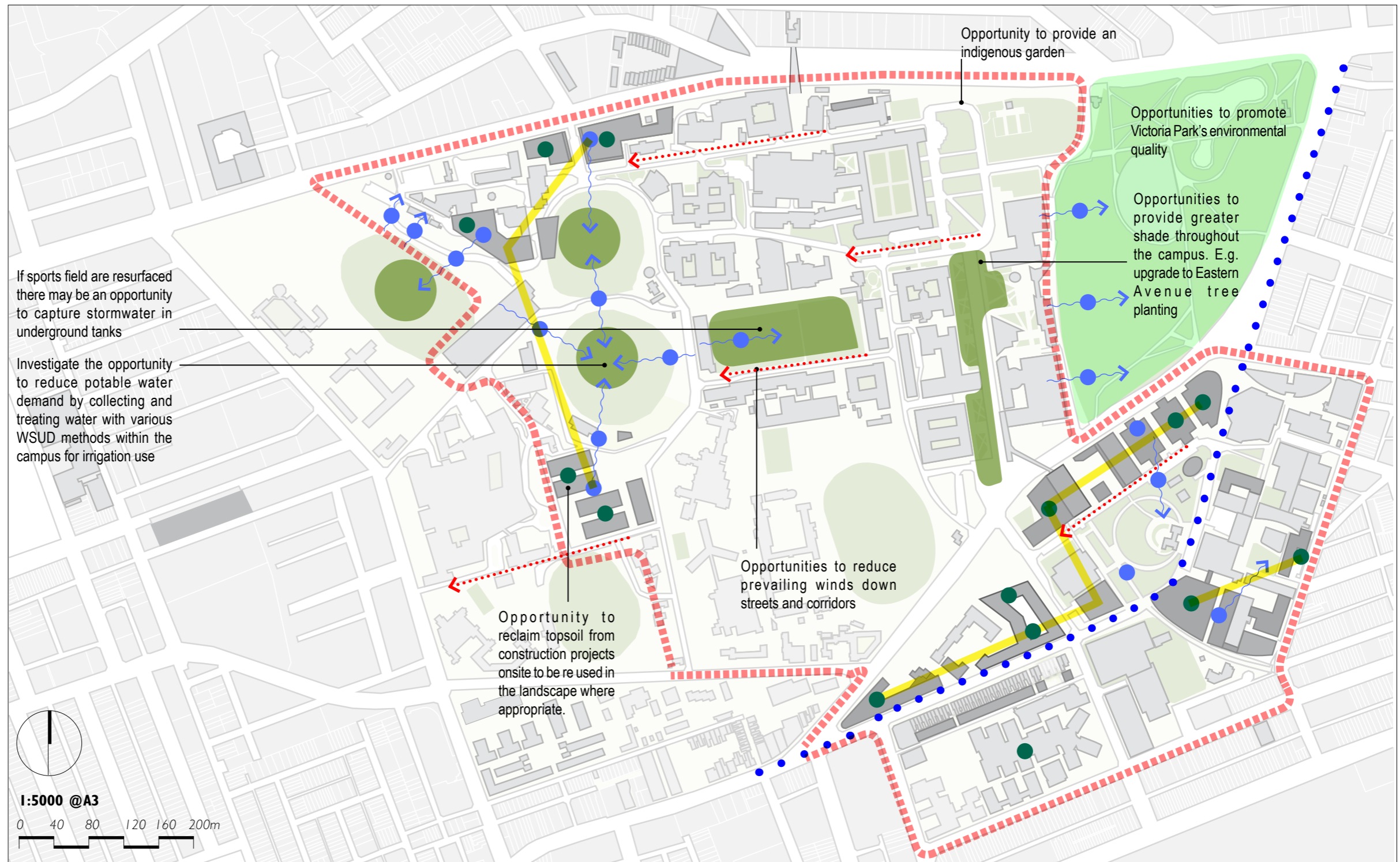


Opportunity to develop street facilities, outdoor classroom, waiting areas, additional seating, conversation pods etc.



Opportunity to develop active frontages

ISSUES, OPPORTUNITIES AND CONSTRAINTS - ENVIRONMENT



ENVIRONMENT

LEGEND



Main irrigated open space, opportunity to provide more shade on playing fields



Opportunity to implement solar panels and trafficable/landscape roofs on all new building works within precincts

Investigate the opportunity to reduce run off and urban heat island effect of trafficable/landscape roofs for all new building works.

Opportunity to manage any possible contaminated fill onsite in landscape features/elements.

Opportunity for Xeriscaping and low water demand planting in landscape and rooftop gardens



Opportunity to collect and treat storm water and rainwater recovery within the campus.



Hot and dry summer wind is typically south easterly to northeasterly in Sydney. Investigate the location of the buildings so that they are positioned to reduce winds and do not strengthen as they go through the campus.



Promote a continuous Indigenous culture and involvement within the campus. Interpret the Wingara Mura-Bunga Barrabugu former "Bulanaming" Road (original indigenous track) with public domain.

When considering tree planting and vegetation provide a coordinated approach, considering view corridors and the selection of plant species

Look to protect and conserve the heritage through controlled built form and appropriate planting.



Opportunity to provide eatable plant species, community gardens and food growing in appropriate planting beds within campus grounds.

Opportunity to provide on site green waste and water retention strategies.



Opportunity to collect and treat storm water and grey water within the campus



Example: Collect and treat storm water within the campus

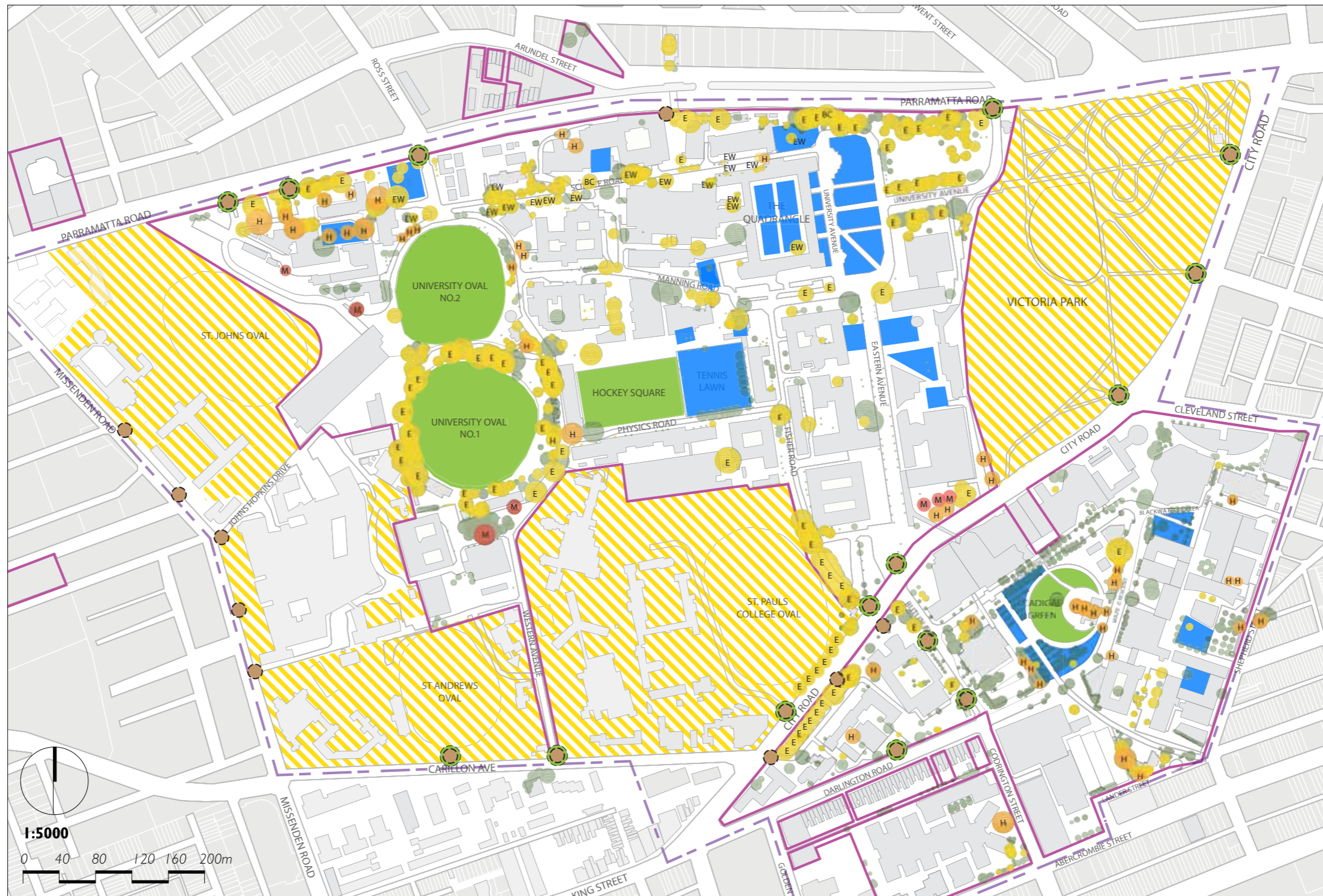


Opportunity to develop trafficable/landscape roofs on all new building works within precincts




Look to protect and conserve the heritage through controlled built form

ISSUES, OPPORTUNITIES AND CONSTRAINTS - CULTURAL HERITAGE - LEGACY PLAN



CULTURAL HERITAGE - LEGACY PLAN


LEGEND


 Open green spaces along low points (creek lines)


SOFT ELEMENTS

 Lawns

Ranking of Trees


 Exceptional Tree


 Exceptional(Waterhouse) Tree


 High Tree (Tree planted in accordance with masterplan)

 Moderate Tree

 Tree

 Borrowed landscapes – college grounds and Victoria Park

 Sandstone pillar

 Significant Sandstone pillar entries and gateways (often with metal gates) Associated with a landscape settings

 Expanded Curtilage

 Existing USYD Boundary



Historical Science Road vista



Sandstone pillar entries

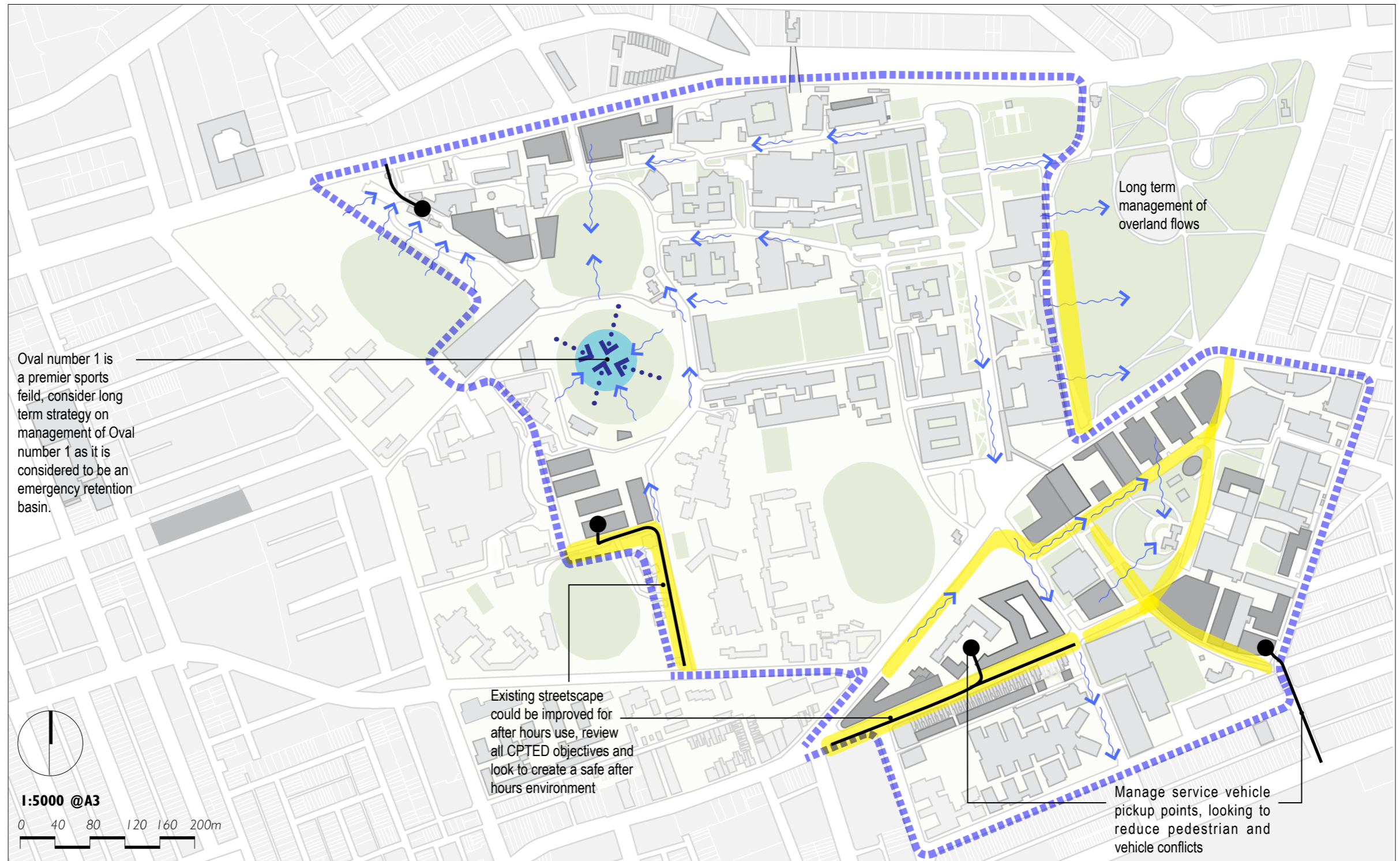


Historical vista towards the city



Significant trees

ISSUES, OPPORTUNITIES AND CONSTRAINTS - MANAGEMENT AND MAINTENANCE



MANAGEMENT AND MAINTENANCE

LEGEND



To promote robust design solutions, for any facilities within the campus, to ensure a coherent and consistent palette.

Look to design buildings and landscape to consider adaptation to future climatic conditions caused by climate change.

To encourage sustainable practices in the maintenance and management of the campus.

To ensure effective management of open spaces.

Opportunity to reuse all green waste produced by the Campus onsite.



Look to implement overall CPTED objectives to improve safety



Opportunity to manage over land flows



Truck access and proposed service routes



Consider long term view on management of Oval number 1 as it is considered to be an emergency retention basin



Opportunity to manage over land flows



Look to implement overall CPTED objectives to improve safety



Consolidate proposed future service access roads

STRATEGIC INTENT



STRATEGIC INTENT

The University's Campus Improvement Program (CIP) describes the purpose, scale and functional relationships for development of the University's infrastructure and facilities over a seven year rolling program. It establishes the strategy and priorities for rationalisation or expansion of campus assets, with the intent of maintaining the University's vital educational purpose and international appeal, in an increasingly competitive educational sector.

In addition to these fundamental objectives, enhancement of the campus' character and experience - its management as a place – will make an invaluable contribution to the quality of the University as a whole. As such, it deserves a distinct strategic approach, one which complements the CIP but builds upon an understanding of the campus, its unique identity, evolution and relationship with its surroundings. This appreciation is summarised in the Issues, Opportunities and Constraints above.

At the core of this Landscape Concept Plan, therefore, is a strategic intention to reflect the existing values of the natural landscape and public domain - the foundations and design setting for campus life - and to extend their recognition and relevance to a more appreciative community on campus as well as to the city it serves beyond.

Accordingly, the University's improvement program will deliver:

A landscape which:

- **Engages its City**
- **Enriches The University Culture**
- **Tells The Story Of The Campus**



Engages its City

through its:

- positive and attractive presence from adjacent roads and neighbourhoods
- inter-connectedness and address to surrounding public domain and spaces
- planning and design of campus buildings and curtilage for urban quality
- inclusion of places for events and activities to widen the appeal of campus



Enriches The University Culture

through its:

- pedestrian priority on campus, linking busy social streets to quiet retreats
- places for academic purpose, from formal ceremony to casual outdoor learning
- partnering with colleges and neighbours to reinforce a seamless green network
- diverse cultural and educational traditions designed to create a cohesive whole



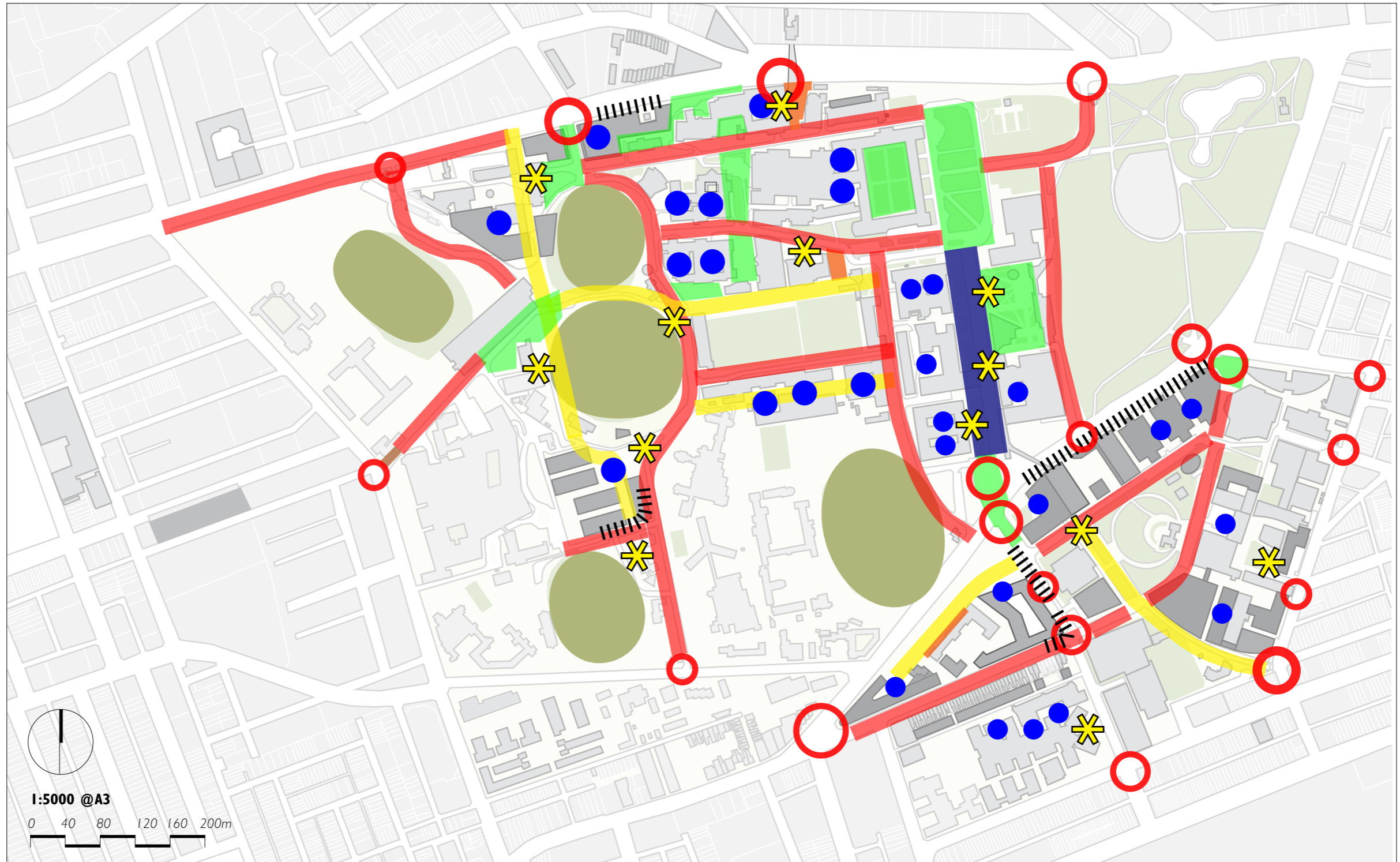
Tells The Story Of The Campus

through its:

- inclusion of natural landscape and site assets to anchor and link new design
- reflection of the rich planning and design legacy in an evolving campus layout
- revealing the heritage of people and ideas from this place in site art and interps
- provision of space and design for spontaneous activity to extend the narrative
- Referring to the Wingara Mura-Bunga Barrabugu: The University of Sydney Aboriginal and Torres Strait Islander Integrated Strategy, December 2012



LANDSCAPE PLANNING AND DESIGN PRINCIPLES - STREETS AND PATHWAYS AND COURTYARDS



STREETS AND PATHWAYS AND COURTYARDS

LEGEND



Reinforce the sense of arrival and address to the University

- Ensure gateways are visible welcoming and open.
- Utilise a distinctive language identify campus entry in terms of paving and signage, and gate house treatment, etc.



Provide a range of multi-use pedestrian plazas

- Provide a range of multi-use pedestrian plazas that enliven the campus, facilitate usage and social interaction and are flexible adapted for a variety of activities.
- Utilise the University materials palette but respond to adjoining context in terms of selected materials and finishes.
- Utilise a restrained palette of materials and provide simple uncluttered and safe spaces for Plazas.



Facilitate a high quality pedestrian priority street environment

- Formal pedestrian priority pedestrian friendly unified by a common suite of high quality paving, walling, furniture and lighting elements with regular formal tree planting and lighting.
- Eclectic pedestrian priority spaces that are unified by common paving, walling, furniture and lighting elements. More informal groupings of trees to provide shade but to respond to differences in spaces, edges and underground services.
- Provide opportunities for bicycle access and facilities.
- Provide Active street frontages with business activity to streetscapes.



Provide a range of intimate and varied individual courtyard spaces

- Provide a range of accessible courtyards tailored to each facility that provide opportunities for breakout teaching, social interaction, casual meetings, lunch time and after hours use.
- Courtyards to express ideas related to the faculty and any heritage context
- Imbue a degree of individuality to courtyards to promote visual identity while utilising the University materials palette and responding appropriately to context.
- Courtyards may exhibit a finer grain of detailing that surrounding streetscapes and plazas.
- Respond to micro climatic opportunities to make courtyards as amenable as possible.
- Ensure courtyards are safe and convenient through considerations of CPTED principles and night lighting.



Provide safe and convenient pedestrian only pathways

- Provide high quality, safe, accessible and convenient pedestrian pathway connections.



Maximise opportunities for activated lunch time spaces

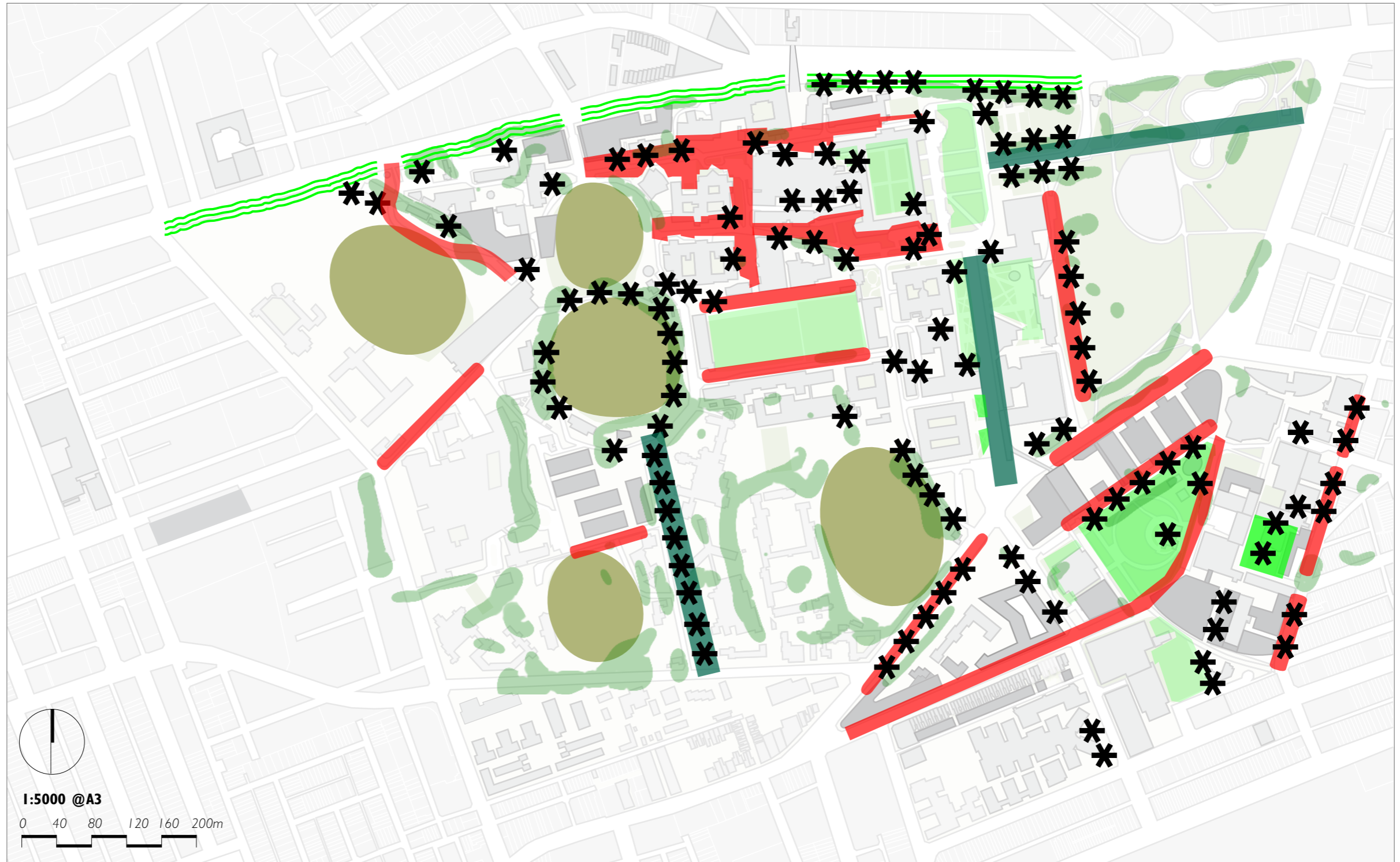
- Maximise vistas, connection to open spaces and north facing environments with F&B outlets



Maximise visual and physical connections to green spaces within the campus

- Make the most of surrounding green spaces as part of the landscape.

LANDSCAPE PLANNING AND DESIGN PRINCIPLES - TREES AND VEGETATION



TREES AND VEGETATION

LEGEND



Manage and maintain visually significant trees throughout the campus

- Maintain and protect legacy trees for amenity and visual heritage.
- Consider placement of Signature trees as landmarks and to distinguish gateways within the campus.



Manage street tree planting

- Formal Avenue street tree planting – consistent species formal regular planting for structure
- Place all street tree planting in optimum locations for stormwater recapture. Ensure best practice Water Sensitive Urban Design (WSUD)



- Informal street tree planting and groups of trees more randomly placed trees for shade and amenity

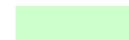


Manage and maintain core canopy cover throughout the campus

- Maintain canopy cover throughout the campus for air quality and reduction in urban heat island effect
- Promote genetic diversity and a mixed aged structure across the campus.



- Maintain green edges and formal hedges to the campus boundaries.



Maintain open spaces and lawn areas for the campus

- Provide flexible open lawn spaces within the campus for daily use protected from pedestrian traffic.

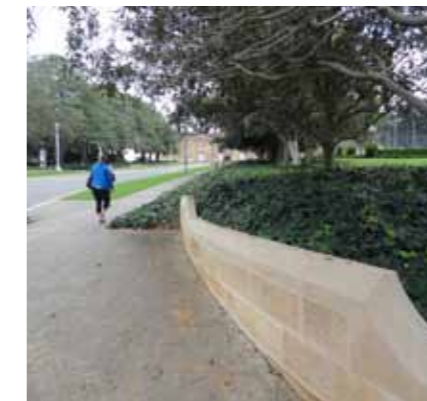


- Manage large open lawn spaces for active sport and special authorised uses

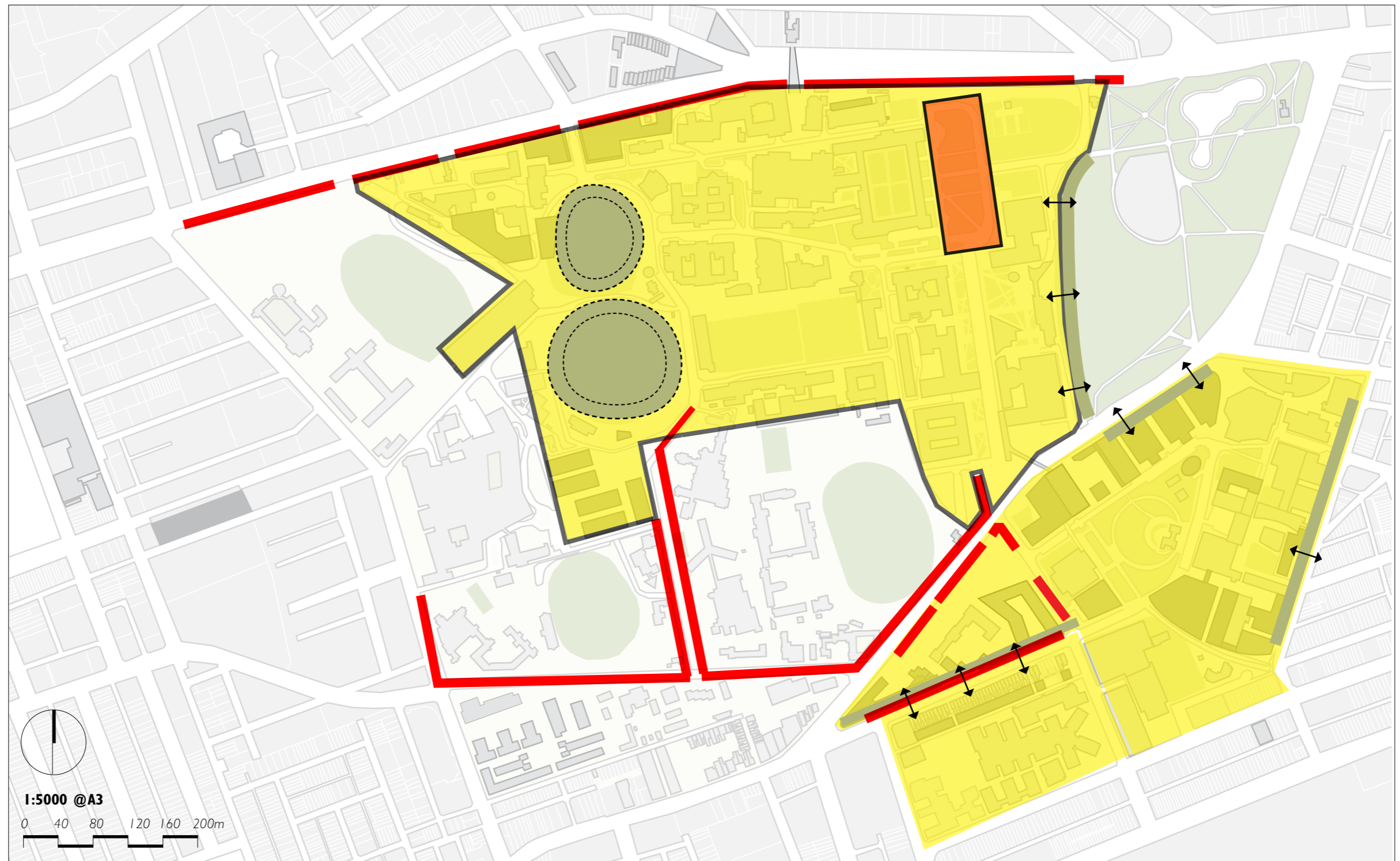


Utilise ground covers where appropriate to pedestrian use

- Provide a layered approach to planting with the use of shrubs and ground covers. Consider microclimate and competition in selection and placement of ground covers.
- Relate more detailed and maintenance intensive planting and groundcovers to courtyards where there is a high level of protection, use and appreciation.
- Promote the implementation of community gardens on campus.
- Place all planting in optimum locations for stormwater recapture. Ensure best practice Water Sensitive Urban Design (WSUD)
- Increase biodiversity by selecting a spread of flora species that improves resilience to disease.
- Select vegetation that provides habitat and fauna corridors.
- Consider location of planting to provide shade to pedestrian/cycle ways to facilitate comfortable walkways.
- Consider deciduous vegetation where appropriate to provide shade in summer and access to sunlight in winter.
- Ensure the ratio of trees to open space is maintained, or if possible, increased.



LANDSCAPE PLANNING AND DESIGN PRINCIPLES - FENCES, WALLS AND EDGES



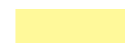
FENCES, WALLS AND EDGES

LEGEND



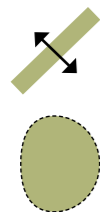
Maintain heritage walls and edges

- Quadrangle forecourt lawns - Retain and manage stone walls
- Parramatta Road – Maintain ramparted walls, bullnose stone, palisade fence and planting / hedges
- Butlin Avenue – Maintain heritage gates and fences in selected locations
- City Road - Maintain walls and fences to City Road in selected locations
- Western Avenue – maintain heritage fencing to St Pauls, St Andrews College.
- Western Avenue - Widen gateway to facilitate 2-way traffic
- Carillion Avenue and Missenden Road - Maintain heritage gates and fences
- Investigate the structural integrity of all heritage walls. Street activation is essential in designated areas, there is an opportunity to provide openings through heritage walls in a controlled manner.



Respond to context with fences, walls and edges

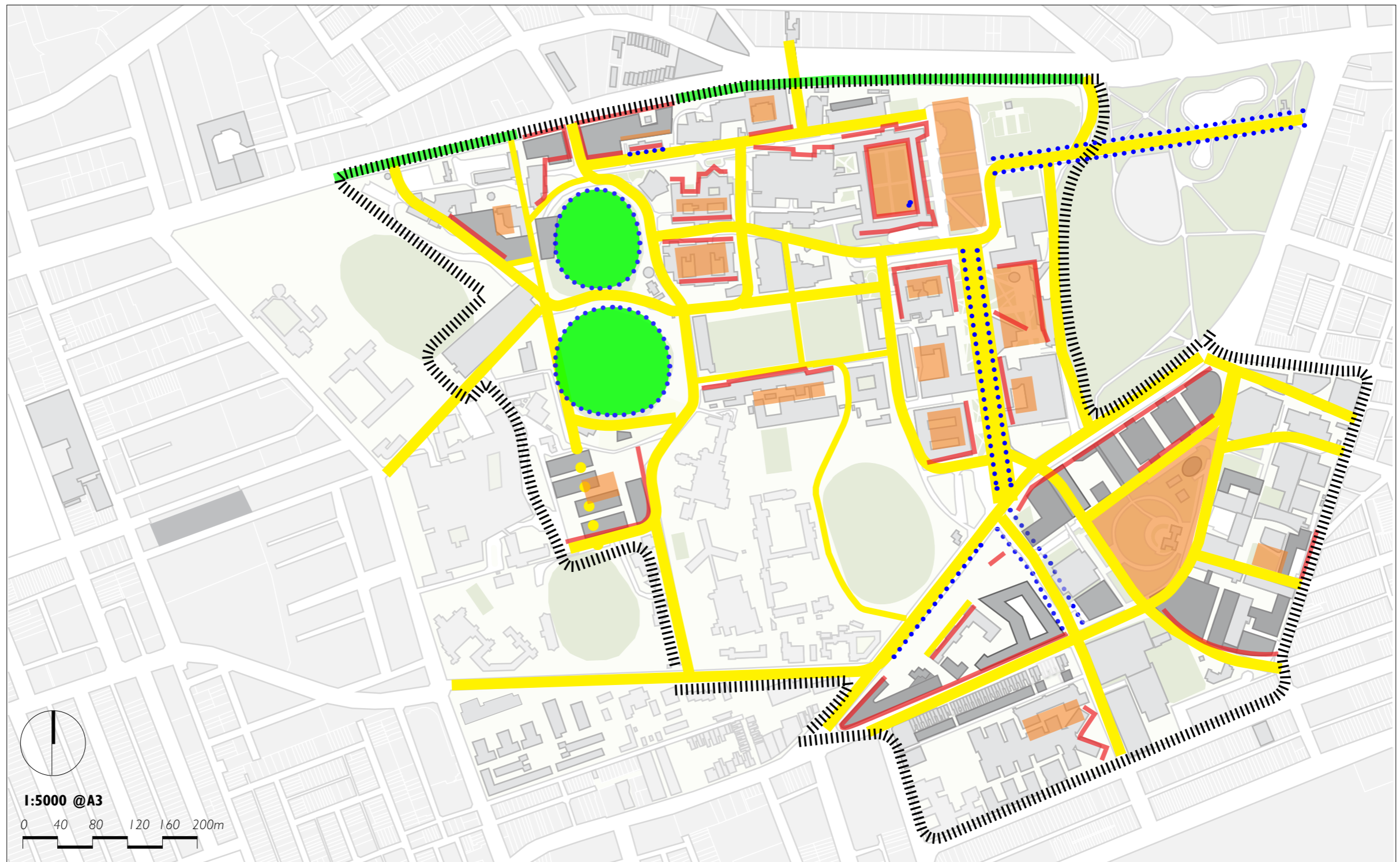
- Utilise University palette of sandstone walls, cor-ten and concrete where appropriate to context.
- Utilise low walls to protect lawn spaces from cross cutting desire lines
- Utilise low walls (nom 450) for informal seating opportunities.



Allow for a permeable and connected campus

- Provide openings in palisade fence to Victoria Park to create principal and safe link between campus and park. Recommend joint design solution between council and University.
- Investigate the opportunity to replace high security fences to Ovals 1 and 2 to open up views. Maintain low picket fence to limit cross cutting of ovals.
- Provide a more permeable landscape edge to adjoining residential areas along Shepherd Street

LANDSCAPE PLANNING AND DESIGN PRINCIPLES - FURNISHING, LIGHTING AND SIGNAGE



FURNISHING, LIGHTING AND SIGNAGE

LEGEND

Facilitate a unified campus identity through application of a co-ordinated suite of furniture, fixtures, lighting and public art. The following landscape planning and design principles are in accordance with the University of Sydney's Policy's (refer to page 3).

Wayfinding/Signage

- Create legible spaces that make it easy to navigate and reduce decisions.
- Provide a series of key memorable spaces, public art and landmarks to aid wayfinding.
- Facilitate wayfinding with strategic application of campus wide signage strategy and language.
- Limit visual clutter through minimal use of signage.



Furniture and Fixtures

- Apply the University furniture and fixtures palette to maintain consistency and ease of maintenance.
- Minimise clutter through careful consideration of furniture placement and remove of extraneous fixtures.
- Maximise outdoor seating opportunities in courtyards, plazas and open space areas.
- Ensure all CCTV is placed in appropriate places, reducing visual clutter and providing easy maintenance.
- Place all bicycle racks in consolidated and visible locations. Ensure they are undercover and are placed on key bicycle path networks and near major facilities.



Paving

- Utilise a consistent and limited palette of robust paving material that provides a unifying ground surface throughout the campus from the university manual.
- Apply paving in a contextual manner appropriate to its heritage of contemporary setting. Opportunity to use permeable paving where appropriate.
- Provide barrier free accessible paths of travel throughout the campus.
- Design out Access induced clutter (Tactiles and handrails) through a considered and early approach to accessibility.

Interpretation

Provide opportunities throughout the campus and public domain to express stories, sustainability and history of the site.

Public artwork

- Enliven the campus with a limited range of permanent public artwork supplemented with regular temporary pieces.
- Provide key public artworks at fulcrum points to provide distinctive and memorable landmarks.
- Utilise a range of scale of public art to enliven and activate spaces.
- Consider a range of acquisition options that support a range of artists.
- Commission artists to make site specific pieces in conjunction with design teams that enrich the intellectual and visual environment University core values rather than an application of "plonk art".
- Link artworks in a meaningful way to the faculty they are located in.

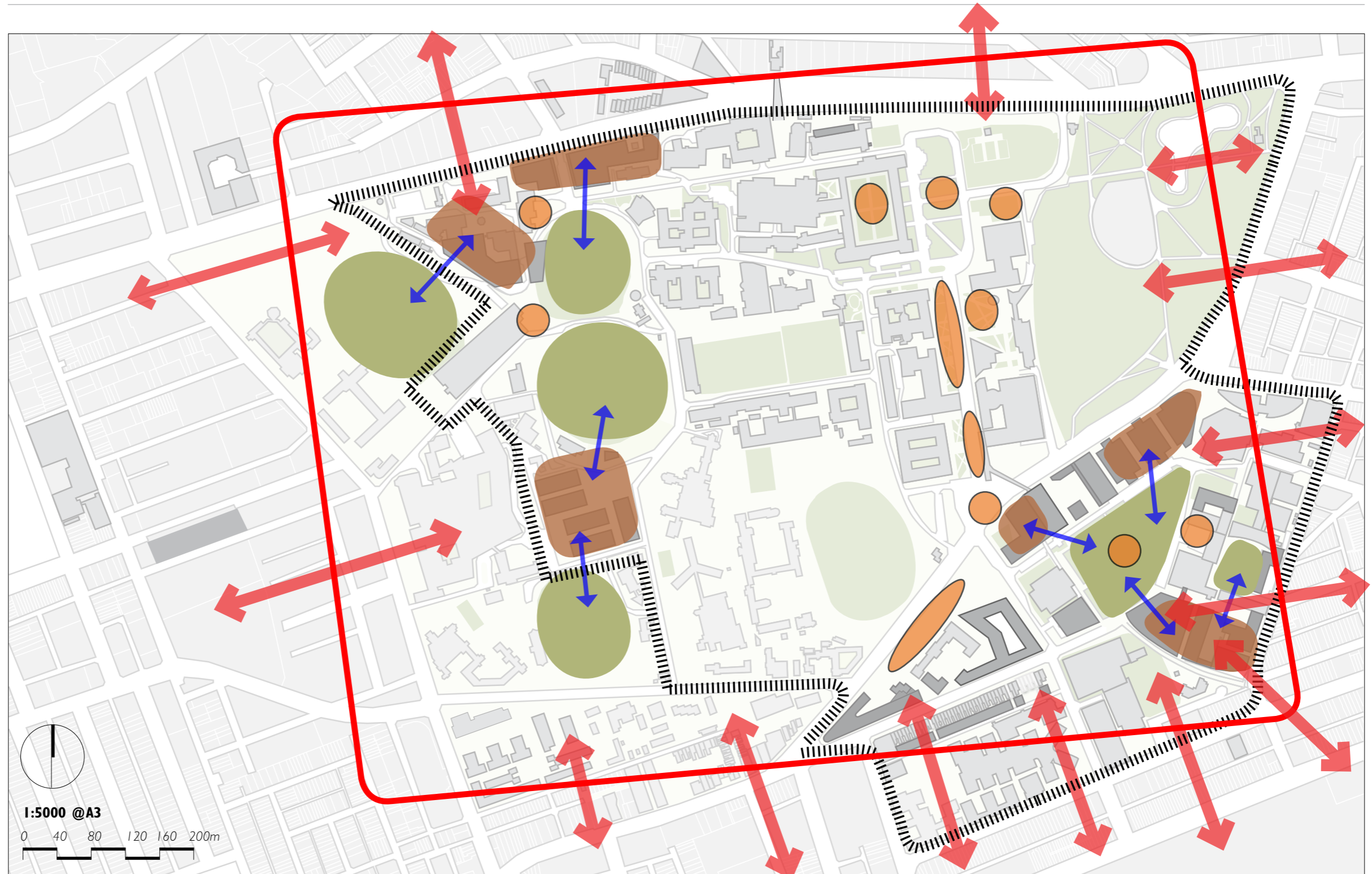


Lighting

- Provide a hierarchy of night time lighting throughout the campus
- Facilitate identity and celebrate the campus heritage through considered night lighting of heritage and contemporary facades.
- Provide for safe and convenient, low glare night time movement throughout the campus particularly to entrances and car parks.
- Utilise night lighting to activate evening spaces and places.
- Provide appropriate aesthetic feature lighting to significant trees on campus and for their sculptural value and to reinforce avenue planting.
- Celebrate the Parramatta Road frontage through dramatic wall washing and tree up lighting.
- Manage sports field lighting to reduce glare for campus accommodation.
- Ensure light spill is limited using directional lighting.
- Investigate the opportunity for energy efficient fittings to reduce over illumination.



LANDSCAPE PLANNING AND DESIGN PRINCIPLES - MANAGED SPACES AND PLACES



MANAGED SPACES AND PLACES

LEGEND

||||||| **Utilise robust design elements and materials that facilitate ease of maintenance**

- Utilise the standard campus furniture, paving and fixtures to limit the need for specialist replacement parts.
- Utilise robust design for the public domain that is appropriate to a campus environment and intensity of use.
- Consider the needs of access for management and maintenance of spaces.
- Consider Climate change adaptation and opportunity in developing the campus public domain.



Facilitate activity and vitality on campus through regular communal spaces and structured events

- Provide for a range of flexible uses spaces that facilitate social interaction, activities and provide opportunities for events.



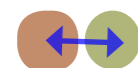
Make the campus a safe environment for all

- Utilise crime prevention through environmental design principles to make the campus as safe and welcoming as possible.



Engage with and build partnerships with the local community

- Make the public domain and landscape of the university an inclusive place integrated with its residential edges.
- Develop partnerships with the local community and City of Sydney for the benefit of the campus.
- Provide a connection between The University of Sydney's public domain and landscape and the adjoining areas.

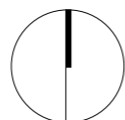
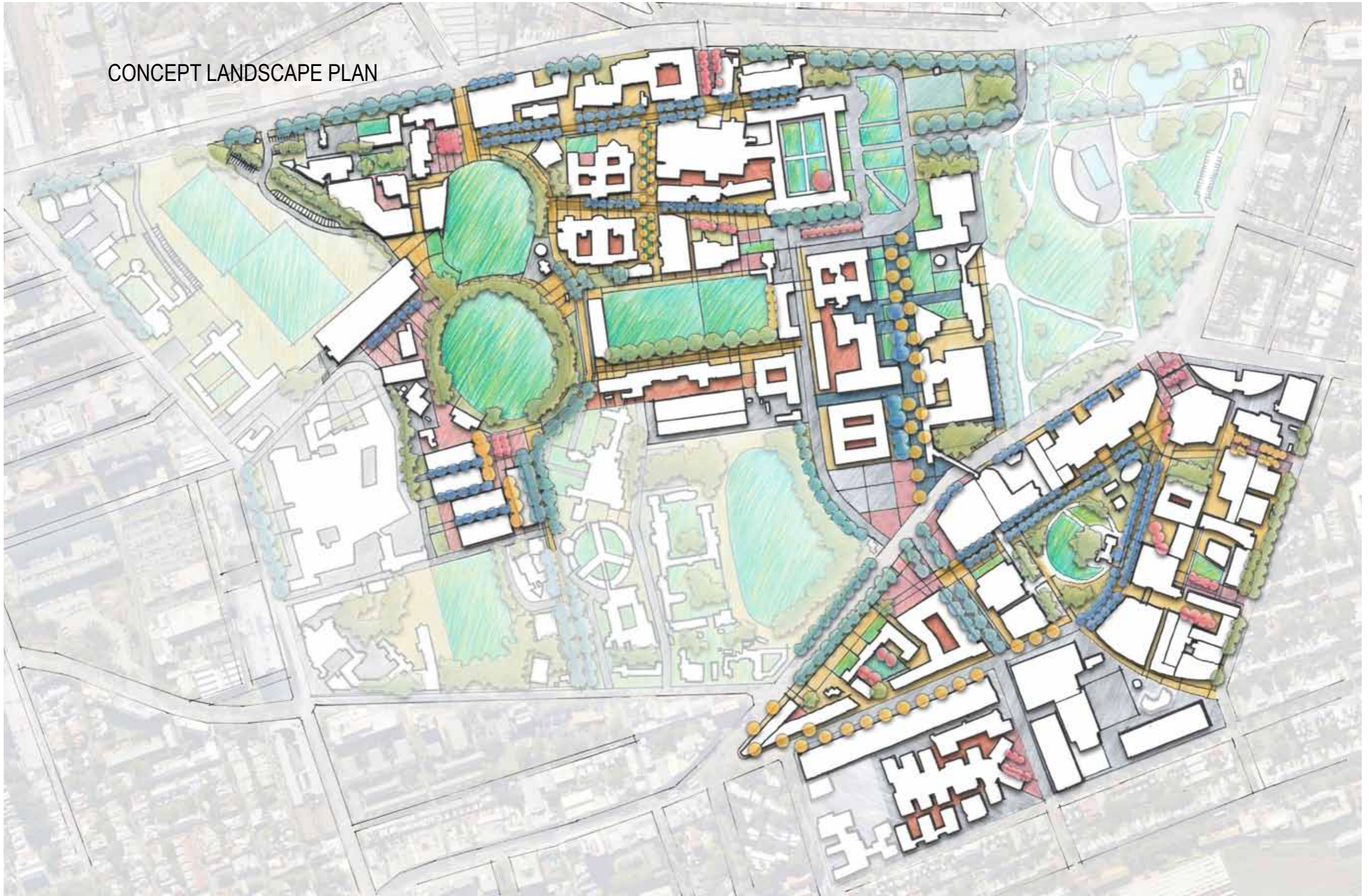


Build upon campus opportunities for an integrated approach to sustainability

- Utilise an integrated approach to energy and water that links building development to public domain benefits (Eg harvested irrigation water).
- Be strategic in the limited and focussed use of high end softworks that require more management and maintenance.
- Where possible look to implement Solar Photo Voltaic Cells on Campus building roofs.
- Ensure all material selections have investigated the possibility of recycled materials and low embodied energy.
- Topsoil recovered from construction projects onsite to be re used in the landscape where appropriate.


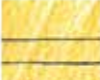











CONCEPT LANDSCAPE PLAN



CONCEPT LANDSCAPE PLAN - LEGEND

LEGEND

	Existing and potential building footprints		Expansive public domain
	Large canopy trees (varied species)		Eclectic streetscape (typically pedestrian priority) with existing kerb lines maintained
	Large trees, typically Figs		Multi-use pedestrian plazas
	Courtyard and plaza trees		Intimate and varied individual courtyards
	Distinctive tree rows		
	Avenue and street tree's		
	Managed large open lawn		
	Shrubs and understory planting		
	Formal pedestrian priority spaces		
	Vehicular trafficable streetscape		

LANDSCAPE AND PUBLIC DOMAIN POLICIES

Policy 1

Any significant remnant features of natural landscape on the Camperdown - Darlington site, such as watercourses, landforms or vegetation, will inform campus wide spatial planning for the improvement program and can be interpreted in the site design for new campus facilities and their landscape settings. Where appropriate, the characteristics of the original landscape in the surrounding local environment are to be considered and creatively employed to give a local identity to the design and continuity to the structure of the campus landscape.

Reference: The University of Sydney Grounds Conservation Management Plan (Amended 2014)

Policy 2

Elements of cultural heritage in the campus landscape, from references to pre-colonial Aboriginal management, aspects of successive approaches to site master planning, through to significant features of contemporary design, are to be considered and conserved where appropriate, and sensitively integrated into the continuing landscape development of the campus.

Policy 3

The landscape of the campus, from broad scale management to individual site design solutions will promote best practice standards of sustainability through adherence to the 'Four Pillars' - Environment, Social, Economic and Cultural Value. Design of Landscape and the public domain will be pursued in co-ordination with other components of campus development such as storm water management, building construction and energy supply to achieve integrated solutions such as Water Sensitive Urban Design (WSUD), heat island reduction, energy conservation, noise and pollution reduction.

Reference: The University of Sydney Sustainability Framework, 2009

Policy 4

All campus pedestrian movement through the public domain, open space and parkland, and connection to and from surrounding campus facilities, are to be designed to 'best practice' standards and, wherever possible, designed to meet 'all access' performance as established through the provisions of the DDA and BCA.

Policy 5

Landscape and public domain design will promote safety for pedestrian movement throughout the campus by applying Crime Prevention Through Environmental Design (CPTED) guidelines to all new development, and to encourage all adjacent college, institutional and local government place managers to co-ordinate any linking areas with these standards.

Policy 6

Trees for new plantings around campus, or for replacing specimens removed under the established management program, will be selected from the University's Preferred Species List and chosen for particular suitability to purpose for each situation. A wide diversity of trees will be employed in accordance with the character of planting suggested in the Concept Landscape Plan. These will include a range of forms, and incorporate native and exotic species both evergreen and deciduous.

Policy 7

The design of landscape and the public domain will promote integration with the townscape and local community in practical ways which present the campus as a valued city asset and good neighbour. Where appropriate, the University and its edges should look for opportunities to draw the surrounding community into its campus.

Policy 8

All campus buildings (new and existing) are to look to capture stormwater runoff for recapture. This stormwater can then irrigate sporting turfed areas and ovals.

Policy 9

The campus improvement program looks to increase the overall building footprint of the university. Ensure that the amount of landscape and public domain areas do not decrease.

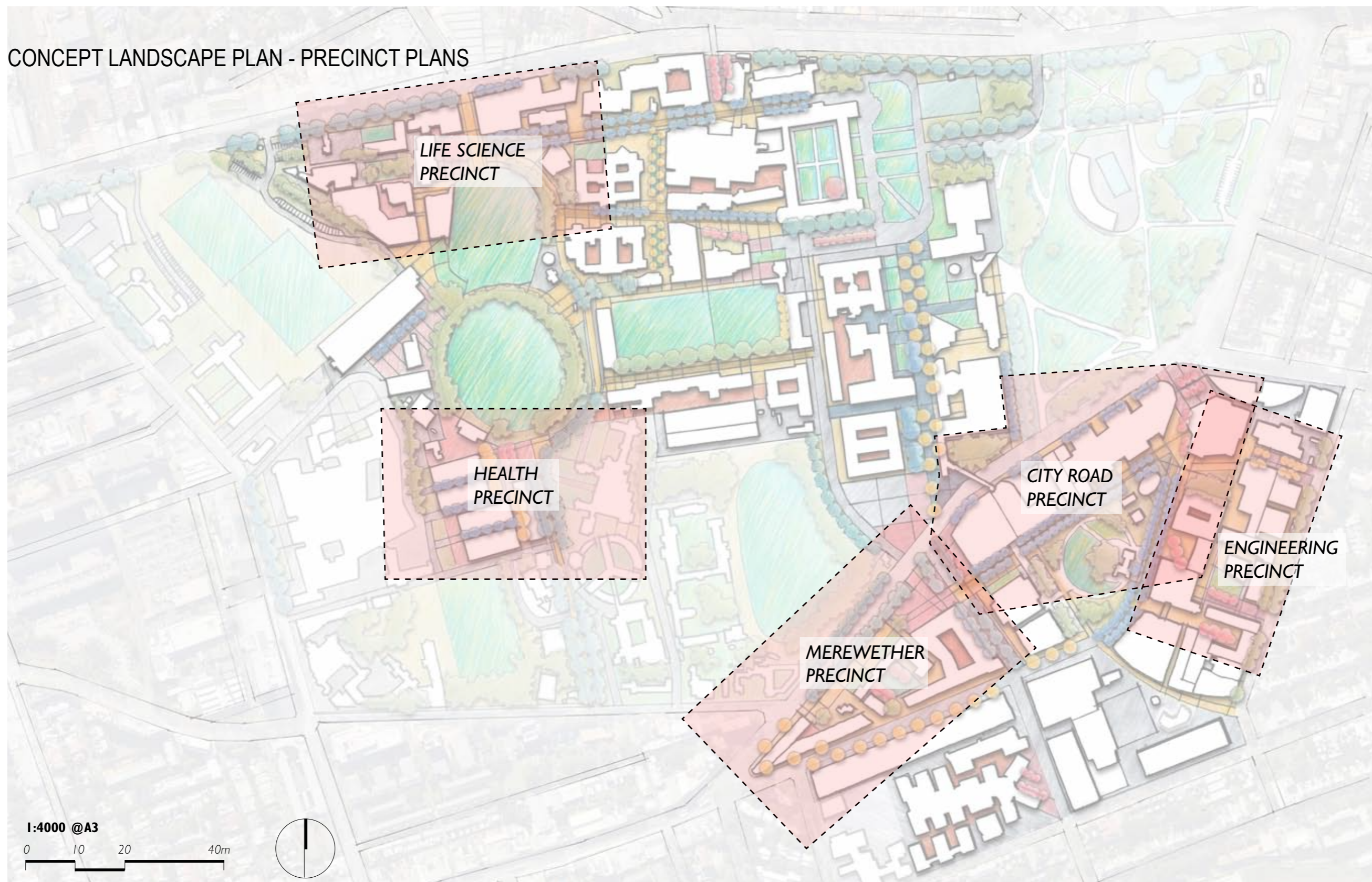
CONCEPT LANDSCAPE PLAN - PRECINCT PLANS

The Concept Landscape Plan sets the framework for the development of public domain and landscape design for the full extent of the Camperdown and Darlington Campuses.

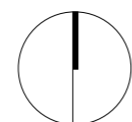
It also guides, at a precinct level as defined in the Campus Improvement Program, the indicative landscape treatments and public domain design in response to future building development or functional requirements. In this respect, the CLP provides briefing guide for future design team for the precincts and offers flexible but clear direction to intended outcomes.

To this end, the precinct landscape plans illustrated here reflect existing levels, and notional building entries, access, and future character of each precinct. Existing trees and vegetation have been taken into account, providing a 'loose fit' style of concept landscape design.

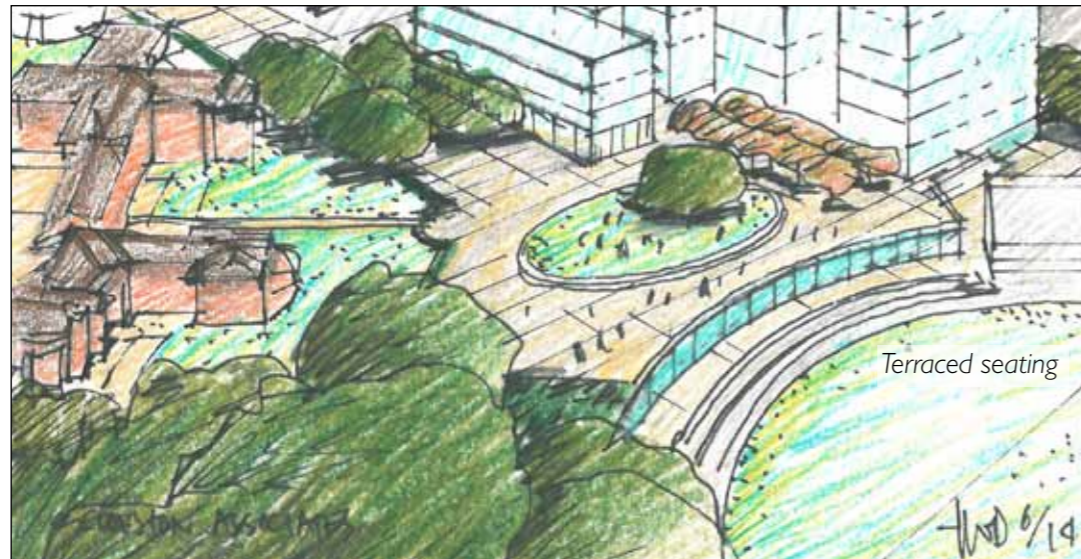
CONCEPT LANDSCAPE PLAN - PRECINCT PLANS



CONCEPT LANDSCAPE PLANS - PRECINCT PLAN - HEALTH PRECINCT



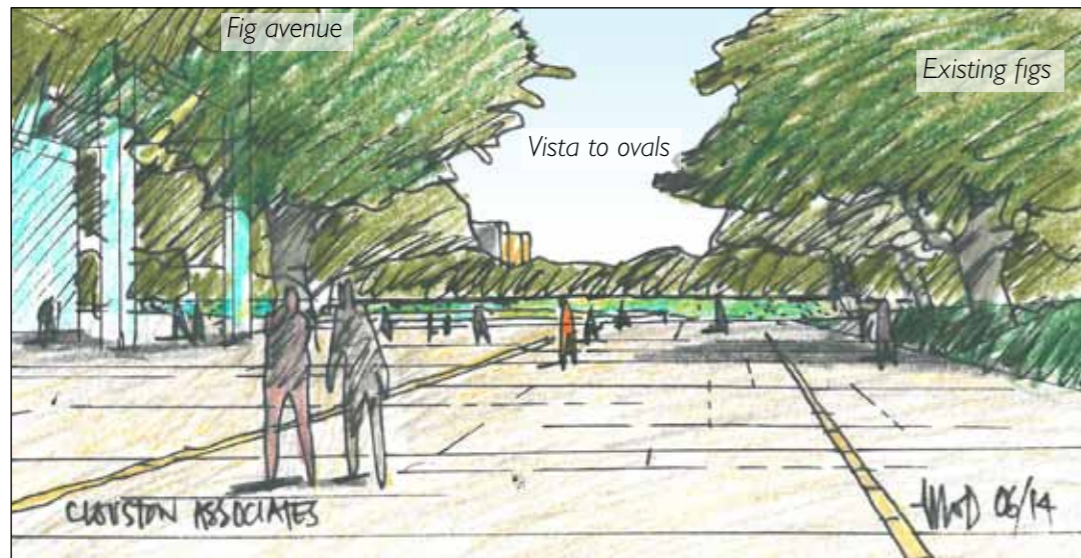
CONCEPT LANDSCAPE PLANS - PRECINCT PLAN - HEALTH PRECINCT



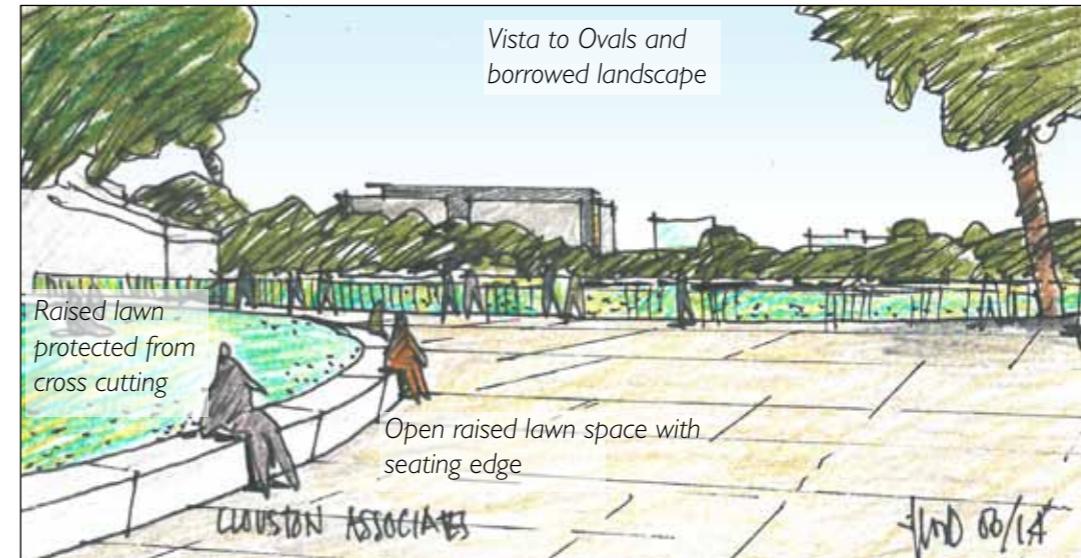
The Oval terrace plaza



Maximise north facing plaza with borrowed landscape



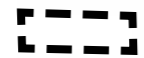
Opened up vista to Ovals

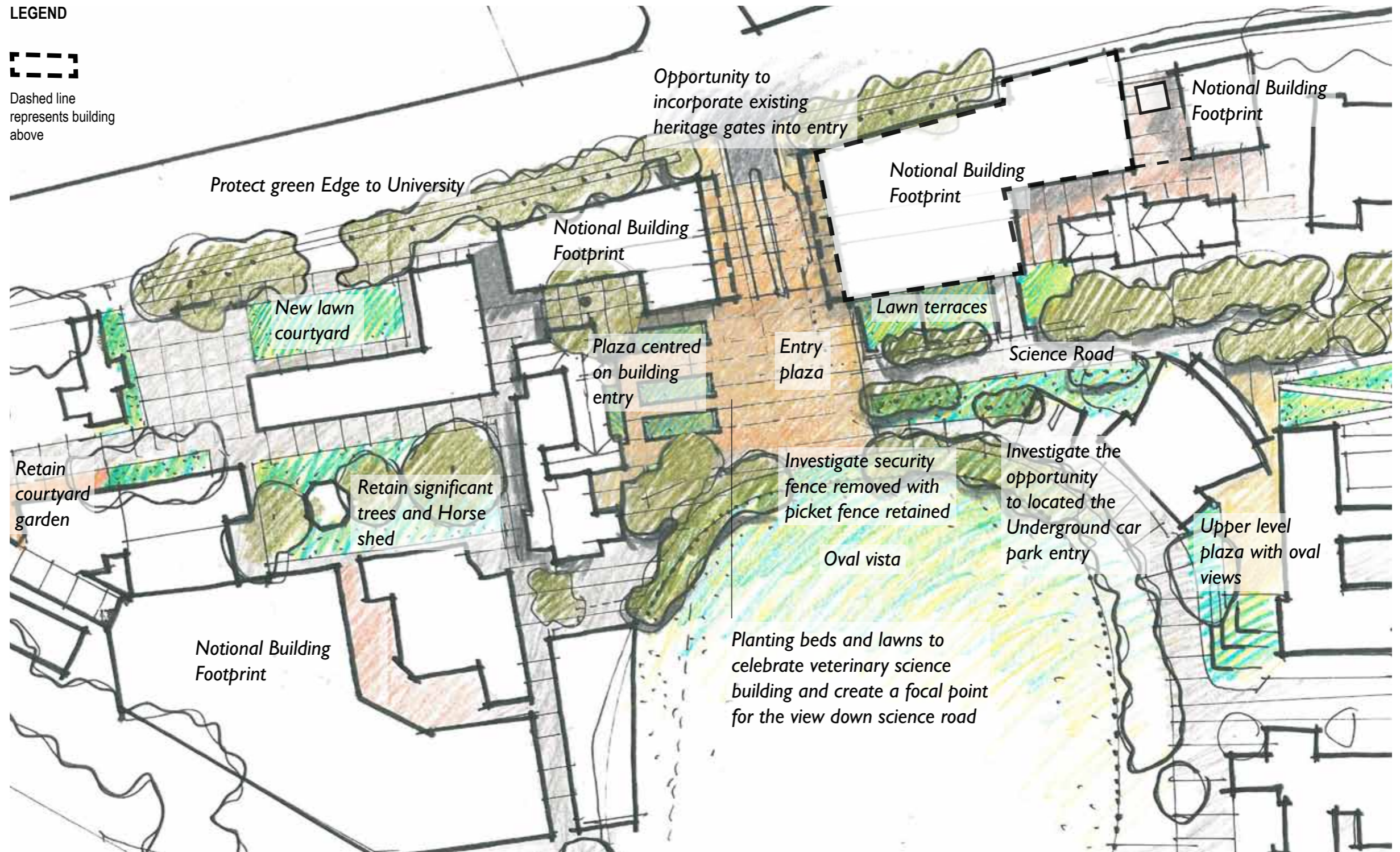


Raised seating lawns reduce expanse of plaza spaces

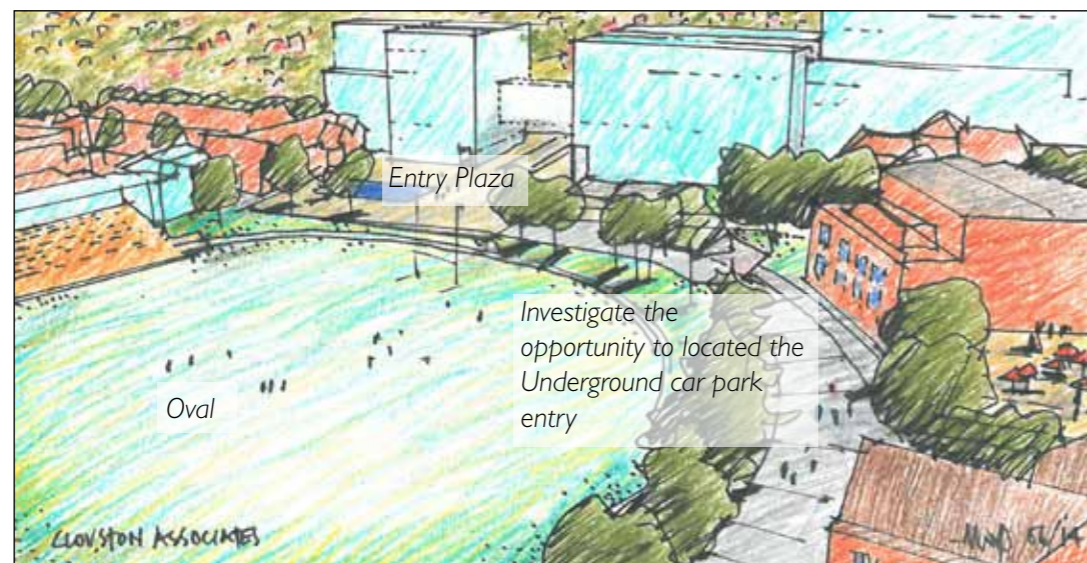
CONCEPT LANDSCAPE PLANS - PRECINCT PLAN - LIFE SCIENCE PRECINCT

LEGEND

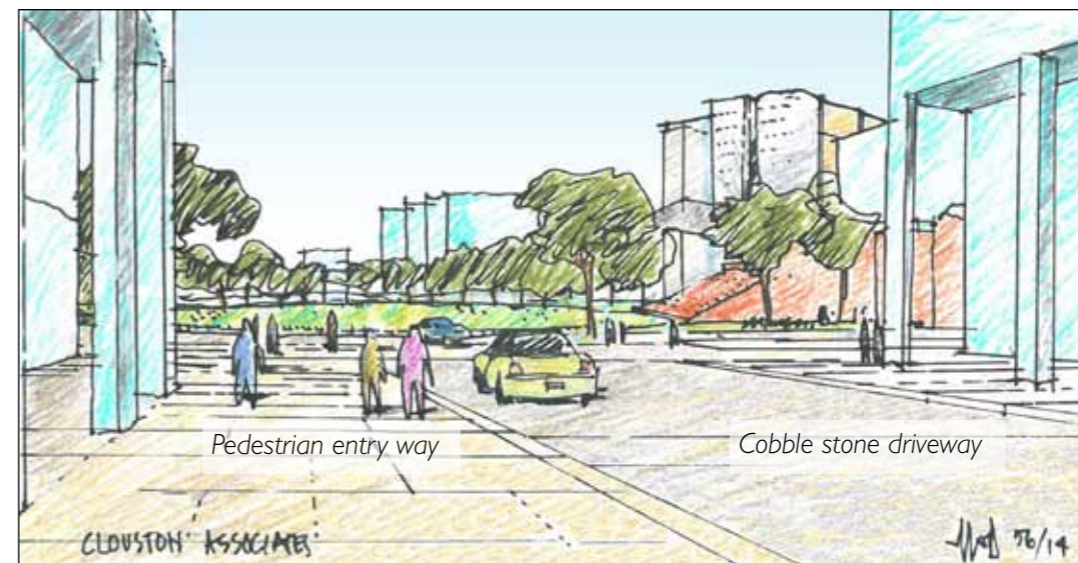
 Dashed line represents building above



CONCEPT LANDSCAPE PLANS - PRECINCT PLAN - LIFE SCIENCE PRECINCT



Aerial views looking north west



New address to Campus with vista to ovals, proposing security fence is removed

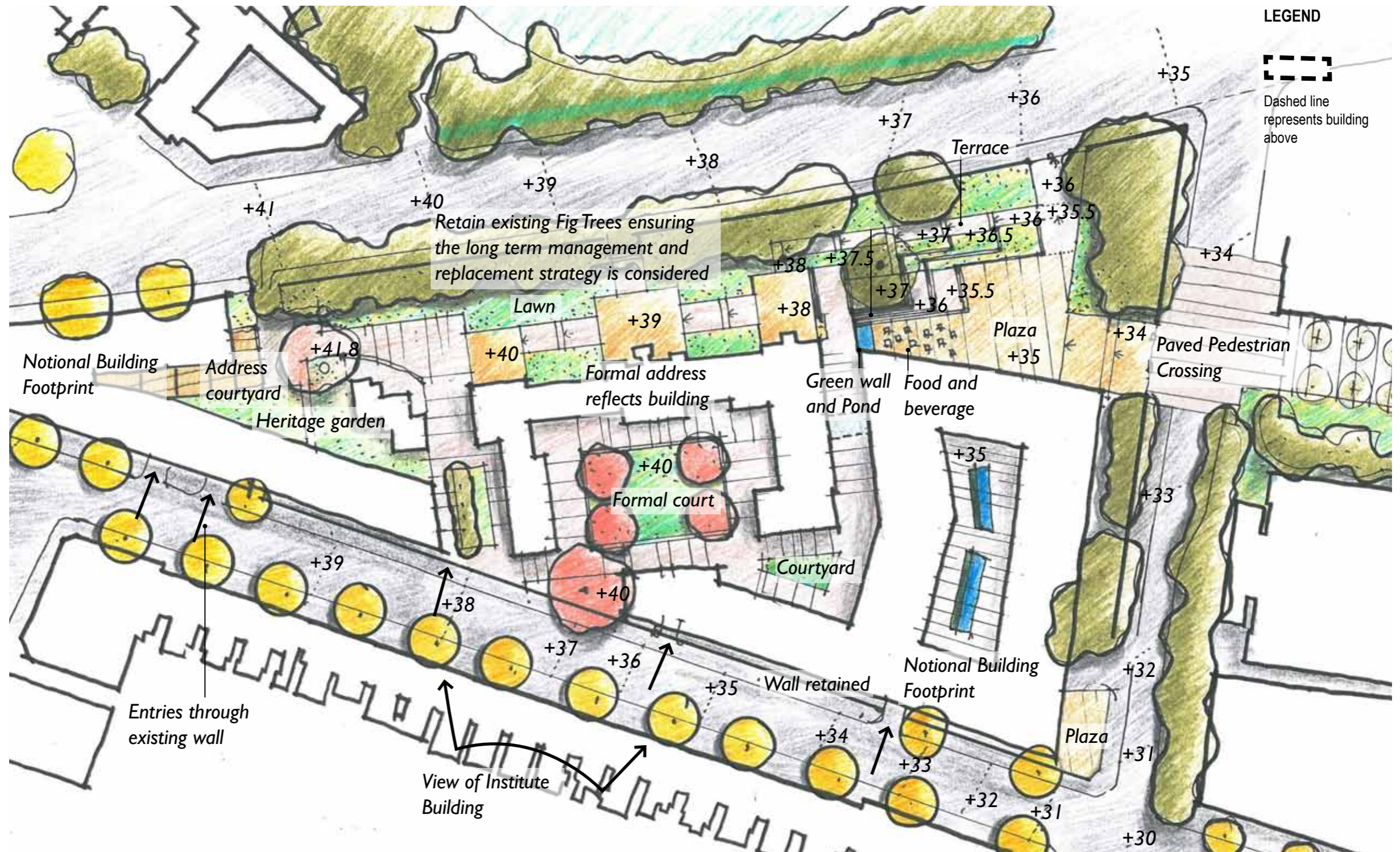


View down Science Road

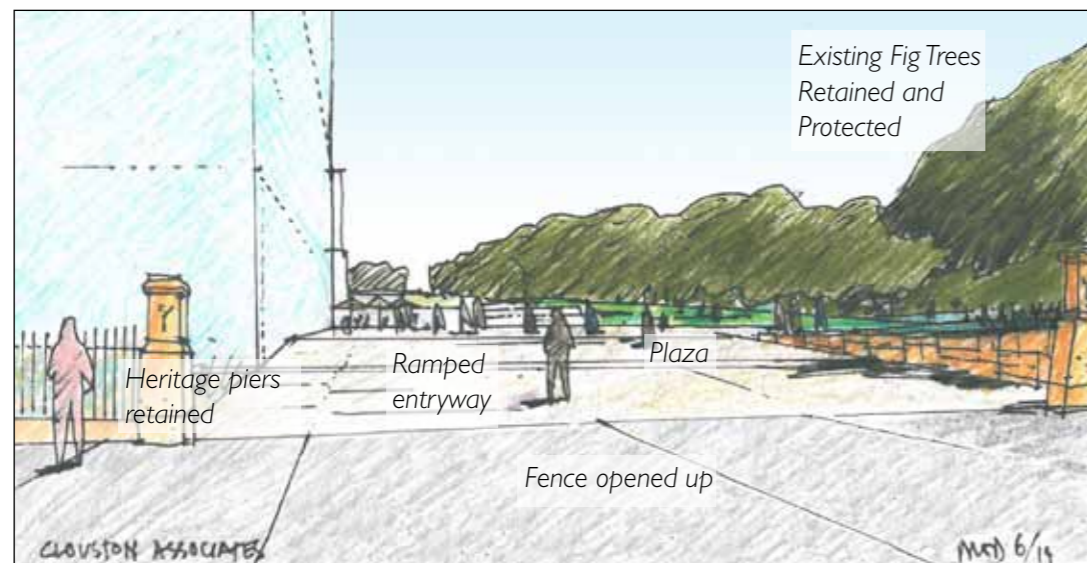


Green edge to Parramatta Road

CONCEPT LANDSCAPE PLANS - PRECINCT PLAN - MEREWETHER PRECINCT



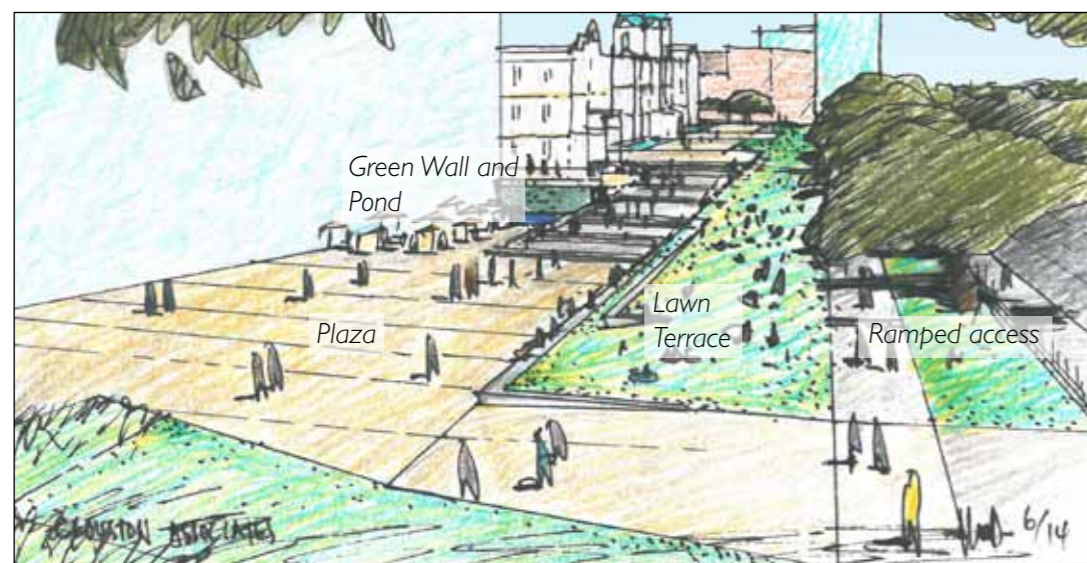
CONCEPT LANDSCAPE PLANS - PRECINCT PLAN - MEREWETHER PRECINCT



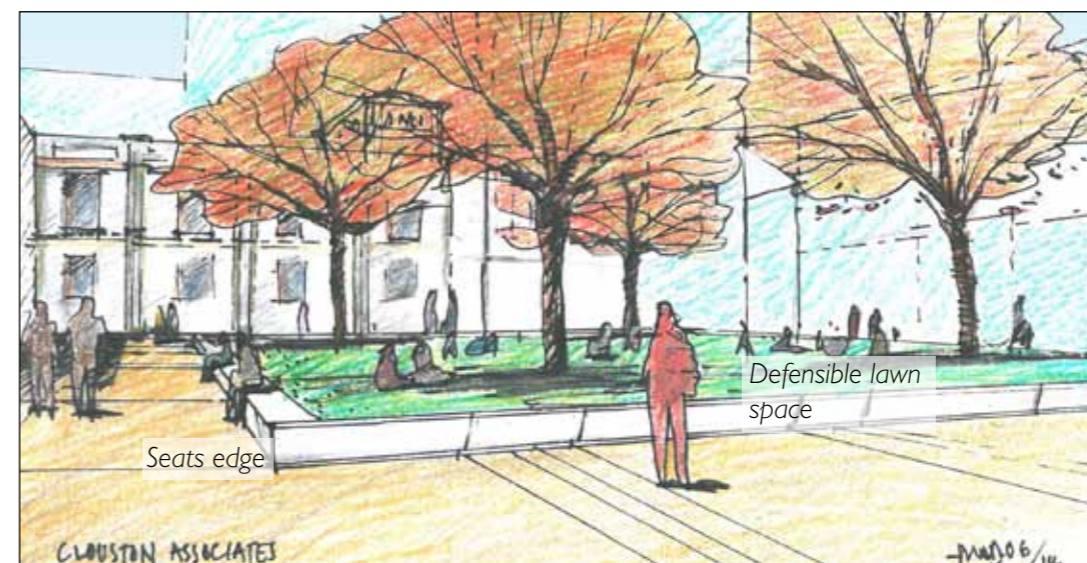
New entry court opened up to Butlin Avenue



Expansive lawn areas and formal paving added to reflect the building



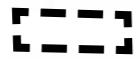
New plaza and lawn spaces with stair and 1:20 walkway



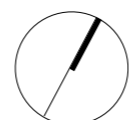
Formal courtyard reflects heritage setting

CONCEPT LANDSCAPE PLANS - PRECINCT PLAN - CITY ROAD PRECINCT

LEGEND



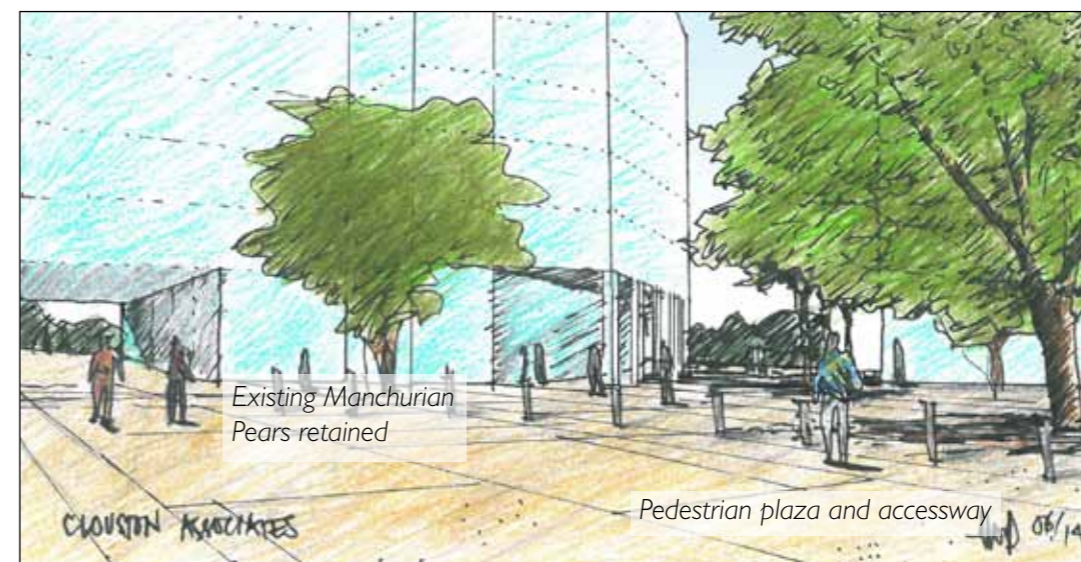
Dashed line represents building above



CONCEPT LANDSCAPE PLANS - PRECINCT PLAN - CITY ROAD PRECINCT

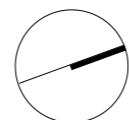
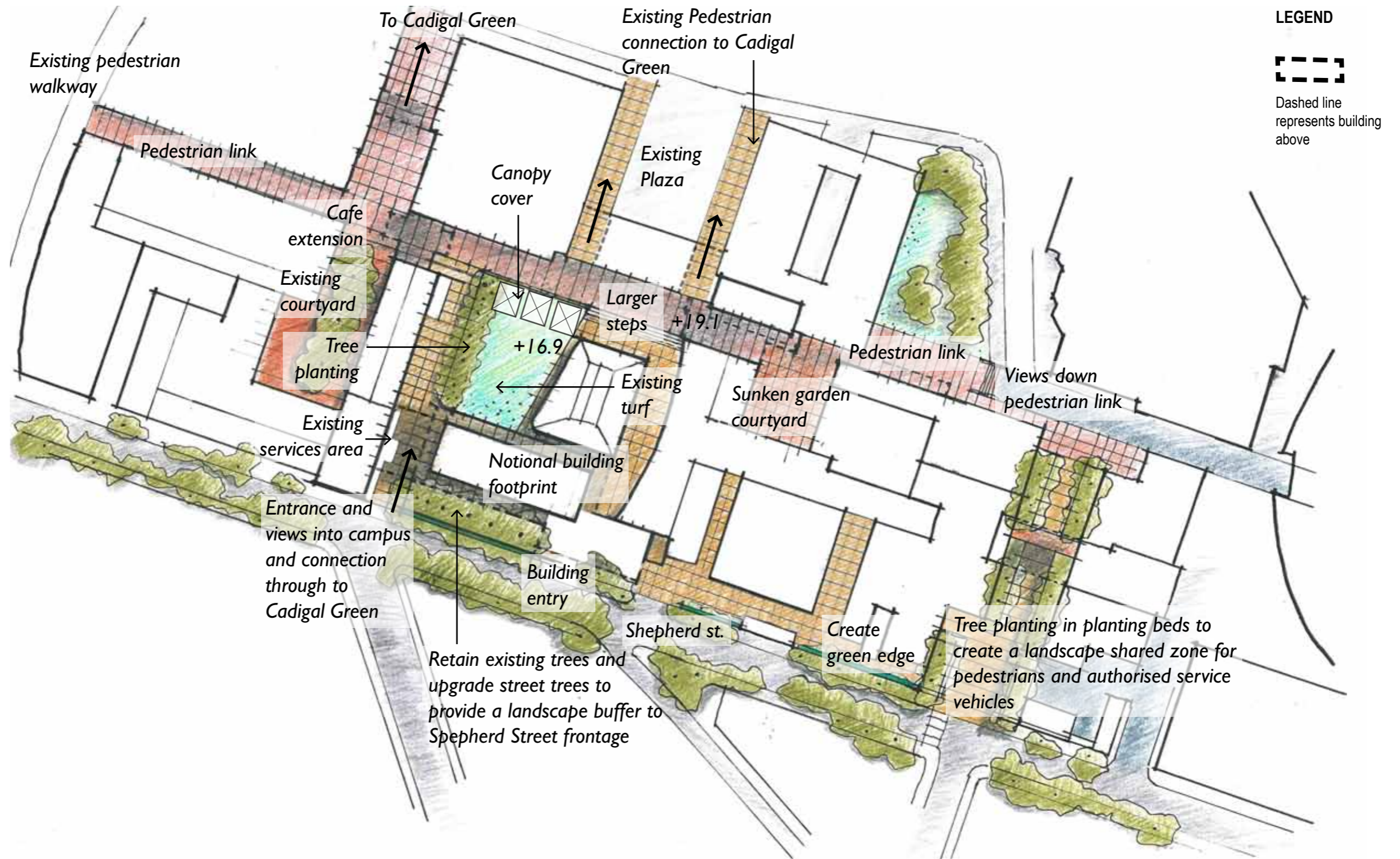


Stronger connections through to City Road.



Cars removed with pedestrian connection through to Butlin Avenue

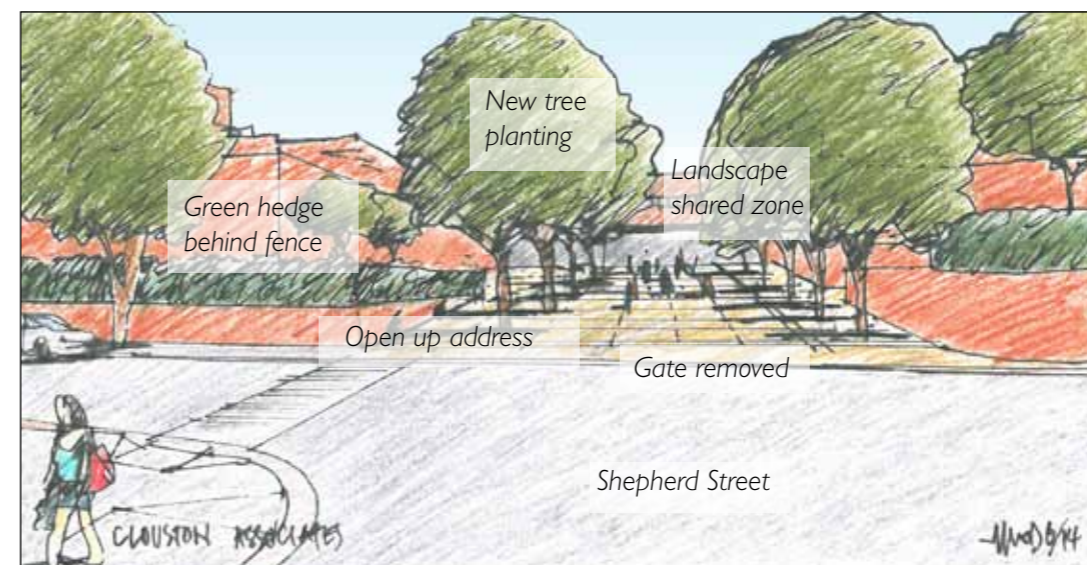
CONCEPT LANDSCAPE PLANS - PRECINCT PLAN - ENGINEERING PRECINCT



CONCEPT LANDSCAPE PLANS - PRECINCT PLAN - ENGINEERING PRECINCT



Existing pedestrian entry reinforced into engineering precinct



New landscaped shared zone entry into engineering precinct

CONCLUSION

This Concept Landscape Plan has been prepared to integrate the best qualities of the existing campus and future development proposed in the Campus Improvement Plan. It provides a strategic direction for how the public domain and landscape can evolve with the University of Sydney's many other assets.

The present Darlington and Camperdown campus presents a unique opportunity, through the CIP to establish a high quality public domain and landscape for both the campus community and the city at large. Engagement with its city, places which will enrich the university culture and character that can tell a story about the campus and its people. Through a range of landscape planning and design principles, it will inform the landscape briefs provided for particular developments or improvements in the campus facilities, specifically through coordination of streets, pathways, courtyards, trees, vegetation, fences, walls, edges, furnishing, lighting, signage, managed spaces and places.

The CLP will also aid the ongoing revision to the suite of the universities estate design and management documents, such as the Lighting Master Plan, CIS Landscape Standards and Tree Management Plan.



PROJECT CREDITS

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