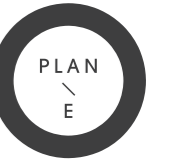


Appendix 3: Landscaping Design Report

ST JOHN OF GOD MURDOCH MENTAL HEALTH UNIT

LANDSCAPE DESIGN REPORT

FEBRUARY 2023 REV C



PERTH:
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WWW.PLANE.COM.AU



EXISTING CONDITION

Contextual Site

Legibility

The western portion of the site exhibits poor legibility with numerous pedestrian and vehicular conflict points. A lack of logical pedestrian connections makes it difficult for consumers to navigate the site – especially moving to and from the western car parks.

The interface between recent built form additions to the campus and Barry Marshall Parade consider pedestrian experience and include wayfinding cues and street trees to improve visual connection and legibility.

Movement

The exclusion of a dedicated loop or 'ring road' overwhelms consumers entering the campus via vehicle as they endeavour to navigate the rat-run of sprawling car parks – the outcome of unplanned growth across the campus.

Main hospital building entries to the north and west include material change to demarcate a sense of arrival which help visitors navigate toward the building. Unfortunately, the main entrance (to the west) introduces pedestrian to the road pavement due to a lack of clear signage.

Predominately staff parking and service access exists to the east of the campus in stark contrast to the interface achieved by Fiona Stanley Hospital with Barry Marshall Parade.

Ultimately, movement across the campus is difficult and unpleasant.

Amenity

The parkland amenity and inclusion of small water features and infiltration immediately north of the main hospital buildings provides a green, vibrant, and attractive outlook whilst contributing to a sense of place. Complemented by lush planting the space functions as a therapeutic garden for the campus providing distraction and shelter from the harsh carpark environment to the west.

The garden removes the institutional mentality which is present at times throughout the balance of the campus.

The presence and warmth of the garden is enough to overlook the dating material palette.

Connection

The campus is well connected to public transport with buses operating along Murdoch Drive and South Street and train along the Kwinana Freeway.

The campus is also well placed to celebrate and enhance its connection to the natural environment due to its close proximity to the Quenda Wetland which forms part of the Beeliar Wetlands chain. The wetland offers visual connection from SJOG Murdoch and has the ability to be celebrated through the inclusion of native planting within the campus to extend nature into the healing environment.



Context Plan



Existing carpark and pedestrian interface



Existing carpark



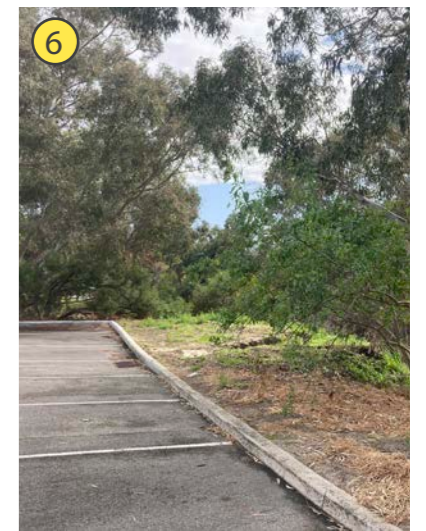
Existing therapy gardens



Contrasting native palette

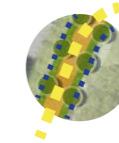
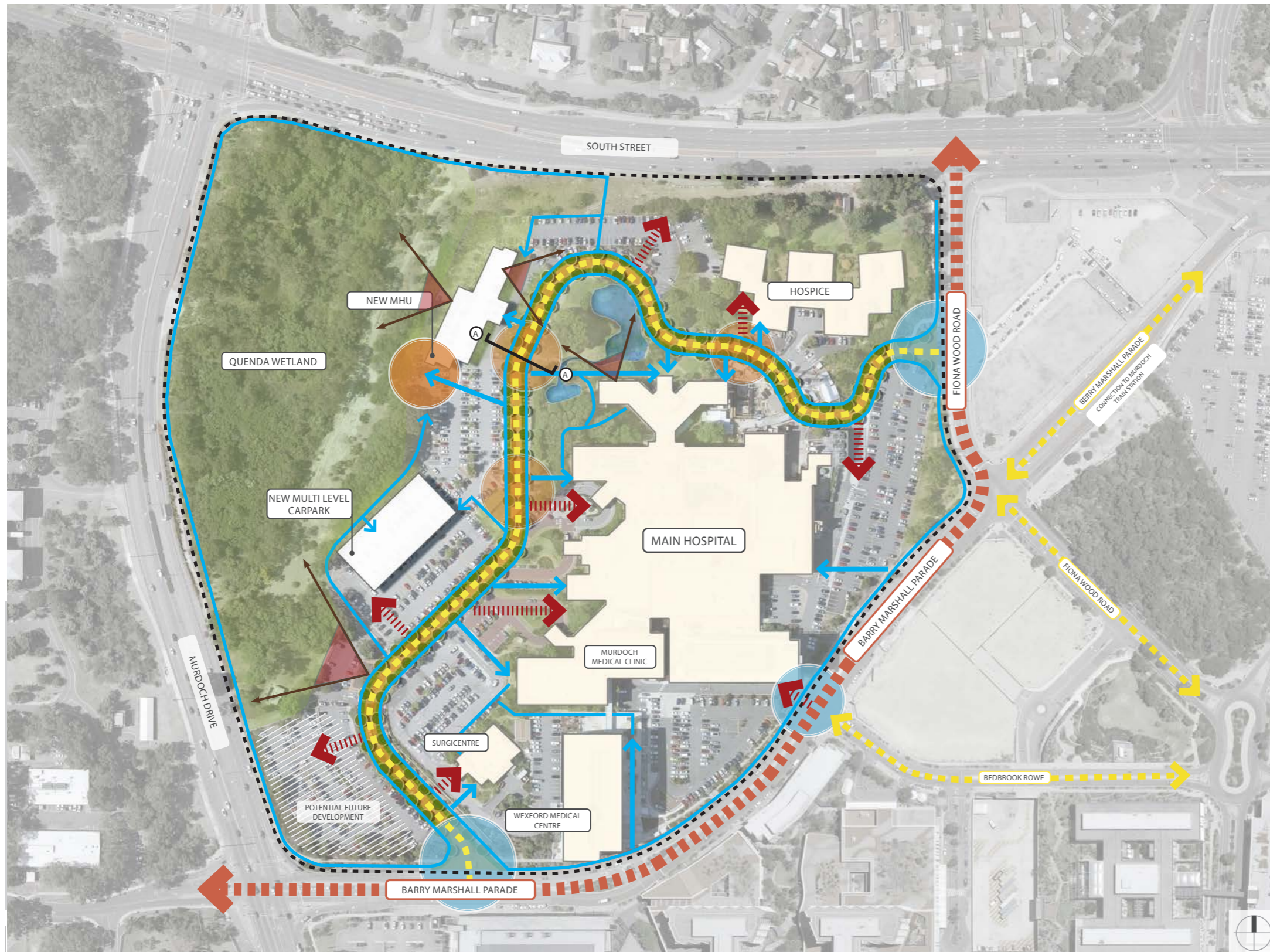


Water features, drainage and filtration



Quenda Wetland interface

LANDSCAPE MASTERPLAN



NEW VEHICULAR INTERNAL LINK ROAD

ESTABLISH DEDICATED, TREE-LINED VEHICULAR LINK ROAD TO IMPROVE ACCESSIBILITY AND WAYFINDING WITHIN THE PRECINCT



IMPROVE ACCESS POINTS

IMPROVE ACCESS POINTS WITH SIGNAGE AND CLEAR WAYFINDING INFORMATION



NEW & ENHANCED LANDSCAPE AMENITY NODES

CREATE NEW AMENITY NODES WITHIN THE PRECINCT TO ENTRANCE EXISTING LANDSCAPE CHARACTER AND TO REINFORCE THE PRIMARY PEDESTRIAN CONNECTIONS AND IMPROVE LEGIBILITY



VEHICULAR ACCESS

ESTABLISH VEHICULAR ACCESS POINTS FROM THE MAIN INTERNAL LINK ROAD TO ACHIEVE A CLEAR MOVEMENT LAYOUT AND VEHICULAR HIERARCHY



PEDESTRIAN ACCESS

IMPROVE EXISTING AND CREATE NEW LEGIBLE PEDESTRIAN LINKS TO IMPROVE ACCESSIBILITY, PHYSICAL AND VISUAL CONNECTIONS WITHIN THE CAMPUS AND TO THE CONTEXTUAL SITE



VISUAL CONNECTION

MAINTAIN AND IMPROVE VISUAL & PHYSICAL CONNECTION TO QUENDA WETLAND & PARKLAND LANDSCAPE

DESIGN PRINCIPLES

1. IMPROVE **ACCESSIBILITY** THROUGH NEW **LEGIBLE** VEHICULAR / PEDESTRIAN ROADS, INFORMATION NODES AND ACCESS POINTS THAT WOULD CREATE A CLEAR HIERARCHY AND IMPROVE WAYFINDING WITHIN THE PRECINCT.
2. IMPROVE THE **SENSE OF THE PLACE** THROUGH UNIFIED WARM, WELCOMING MATERIAL USE AND DESIGN THAT FOCUSES ON THE HUMAN SCALE. NEW TREE PLANTINGS ALONG THE INTERNAL LINK ROAD AND PARKING ARE PROPOSED TO CREATE A COMFORTABLE MICRO CLIMATE.
3. MAINTAIN THE EXISTING LAKE/PARKLAND. IMPROVE PHYSICAL AND VISUAL **CONNECTIONS** TO THE

LANDSCAPE MASTERPLAN

Internal 'Ring Road'

Carpark vs Road

The SJOG Murdoch masterplan includes a new dedicated vehicular internal 'ring road' to improve accessibility and wayfinding.

The road will provide order and navigation around the campus connecting visitors from major arterials to hospital buildings and car parks.

To avoid the road operating as an extension of the existing car park, the cross section:

- increases street tree planting;
- includes functional lighting; and,
- prioritises pedestrian connection and movement.

Shared Space

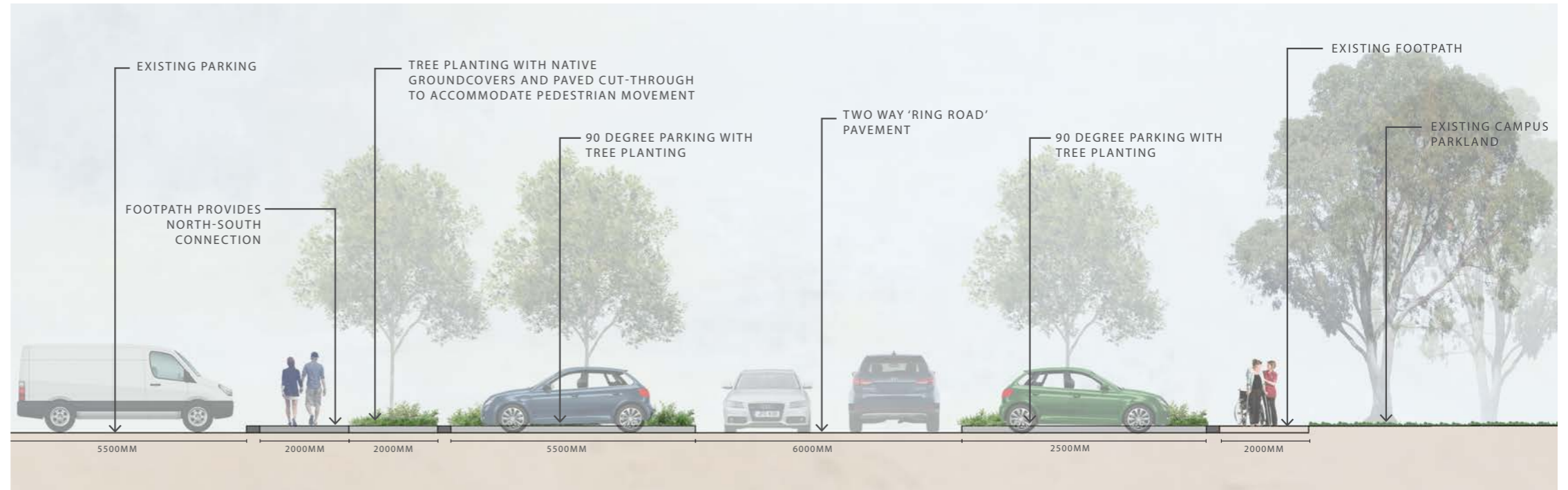
The inclusion of raised plateau pedestrian crossings, increased density of street trees and footpath provision promotes a slow speed environment conducive to a shared space between motorists and pedestrians.

As per the landscape masterplan, new and enhanced landscape amenity nodes hinge on the success of the 'ring road' and will reinforce pedestrian connection and improve legibility.

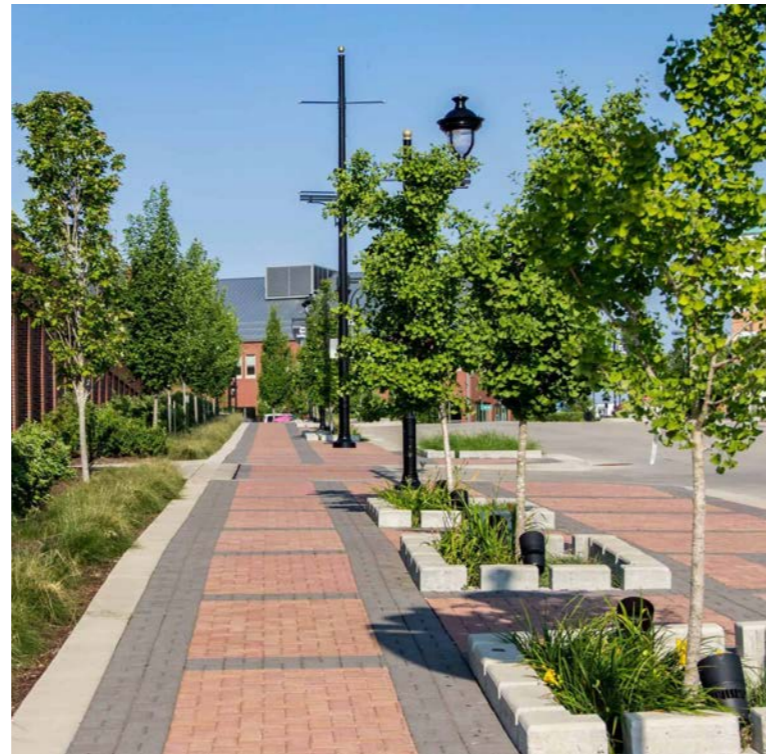
Materiality

To differentiate from the adjacent car parks, the 'ring road' shall look to include either unit paving or coloured asphalt to parking bays.

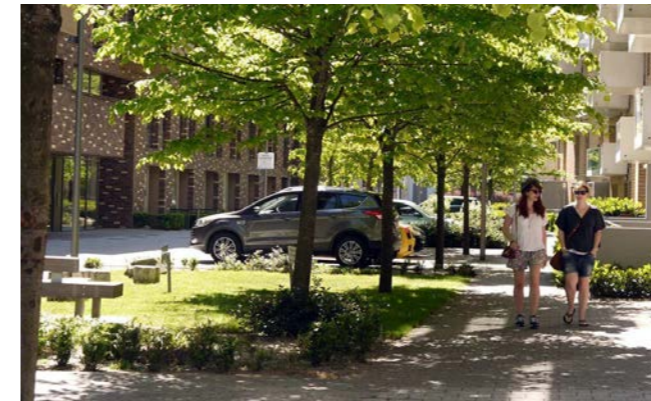
Unit paving to raised pedestrian crossings teamed with native planting and trees will calm traffic, enhance pedestrian experience and contribute to a sense of place.



Section A-A: Internal 'Ring Road' typical cross-section



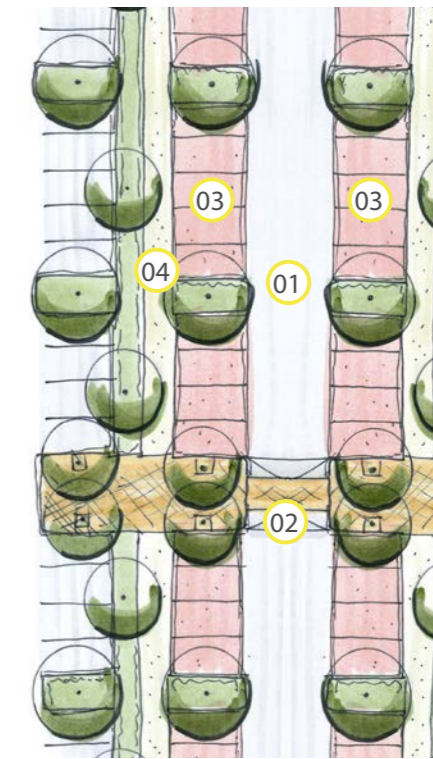
Contrasting pavement and parking materials



Shaded car parking and footpaths



Prioritised pedestrian connections



- 01 Internal 'Ring Road'
- 02 Raised pedestrian connection providing safe and legible access
- 03 Parking Bays
- 04 Footpath

Internal 'Ring Road' Concept

LANDSCAPE MASTERPLAN

Landscape & Amenity Nodes

Function

The introduction of new landscape and amenity nodes will enhance the existing landscape character of the campus whilst reinforcing primary pedestrian connections and improving legibility.

The landscape will respond to the built form and natural environment to enhance user experience, establish connections and provide refuge for consumers, visitors and staff.

Look & Feel

The curation of the landscape and amenity spaces should aim to achieve a holistic outcome complementing existing forms and materials, whilst allowing for future upgrade using contemporary materials and forms.

The welcoming and comfortable existing landscape gardens exude warmth and character. This should be the key driver for future campus development.

Teamed with lush, green planting and canopy the landscape and campus can be vibrant, attractive, and engaging.

Materiality

A draft 'style guide' has been produced to inform and guide future development and upgrade of the SJOG Murdoch campus.

Refer Appendix A.



Inviting, comfortable and attractive landscape



Warm and comfortable palette

Accessibility

Signage

The introduction of well-considered and located signage will improve and enhance accessibility.

Signage shall provide:

- Direction;
- Information; and,
- Instruction.

Wayfinding

Wayfinding elements and cues will also assist with accessibility.

These may include:

- Landmarks;
- Sculpture and/or public art;
- Branding and colour;
- Precincts; and,
- Pavement treatments.



Wayfinding element with interpretative signage



Wayfinding element with directional signage

LANDSCAPE MASTERPLAN

Vehicle Access

Connection

Key access points to hospital buildings (and associated drop-off areas) and connection to Barry Marshall Parade and Fiona Wood Road require significant improvement.

The current arrangement is difficult to navigate and is void of pedestrian movement.

Consideration of material selection, scale, legibility and hierarchy will improve the motorist experience.

Wayfinding

The inclusion of well-considered and located directional signage will assist motorists when navigating the site. A signage strategy for the campus would benefit short and long term development.



Directional signage



Scale and materiality create a comfortable streetscape

Pedestrian Access

Connection

Reconfiguration of the existing pedestrian network will require further consideration to ensure the short and long term success of the SJOG Murdoch masterplan.

The network shall consider consumer desire lines and promote comfortable and safe connection to hospital buildings, car parks and transport nodes.

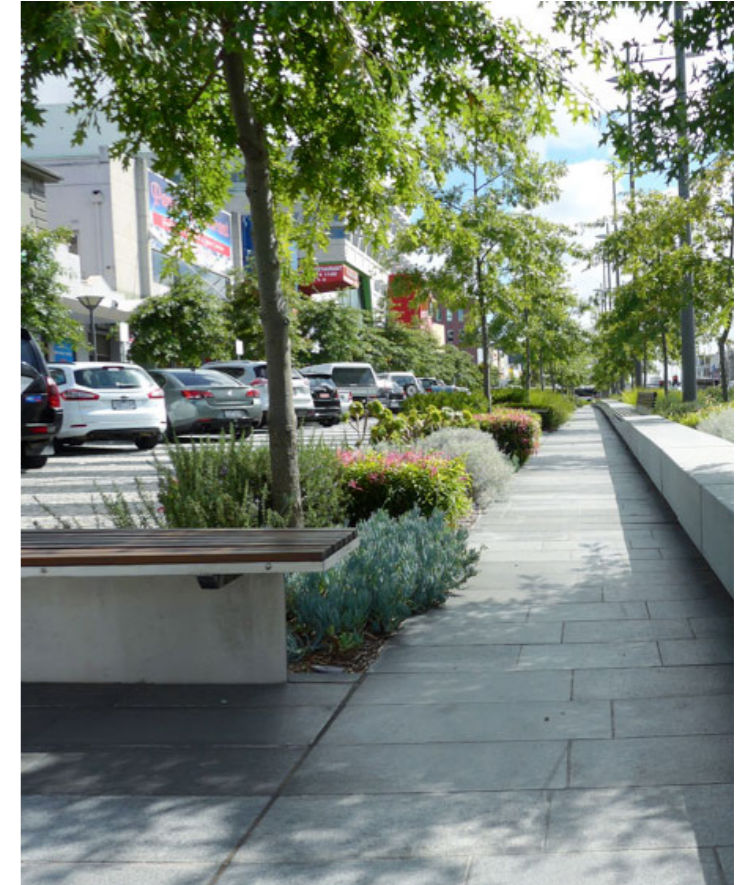
Identified by the projects contextual analysis, the visual and physical connection to the existing landscape gardens and Quenda Wetland provides great opportunities for improved wellbeing. Establishing physical connection to the wetland will enhance a connection to nature.

Amenity

The long-term provision of amenity should also be considered to inform development and upgrade of the SJOG Murdoch campus.

The amenity provision should include:

- Lighting – functional and decorative;
- Varied seating opportunities;
- Access to drinking water;
- Bins and waste disposal; and,
- Stimulation and engagement items, including play elements and fitness equipment.



Shaded footpaths



Raised pedestrian crossing

MENTAL HEALTH UNIT

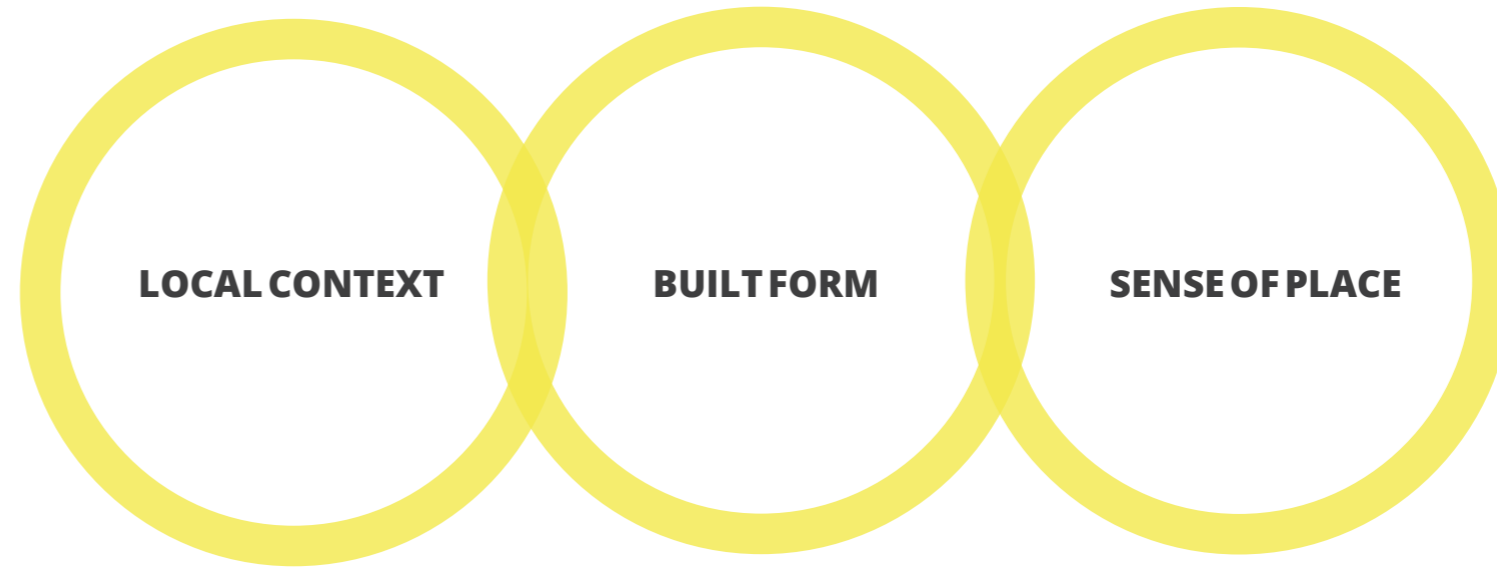
Vision

The landscape design for the St John of God Murdoch Mental Health Facility aims to deliver high quality and accessible exterior spaces to improve the wellbeing of patients, staff and visitors, through engagement, tranquility, comfort and stimulation.

Design Guidelines

- Provide a safe environment for patients, staff and visitors;
- Balance security and privacy to ensure patient comfort and independence as well as staff surveillance;
- Provide a series of flexible and connected spaces to provide opportunities for socialisation and solitude;
- Incorporate natural elements, texture and colours to reflect the natural environment;
- Effect a sense of homeliness (as opposed to institutional);
- Ensure all users are effectively able to navigate the site via accessible pathways;
- Include wayfinding cues, loops and visibility to improve legibility; and,
- Contribute to patients, staff and visitor wellbeing through the inclusion of meaningful activity and stimulation of the mind and body.

Design Principles

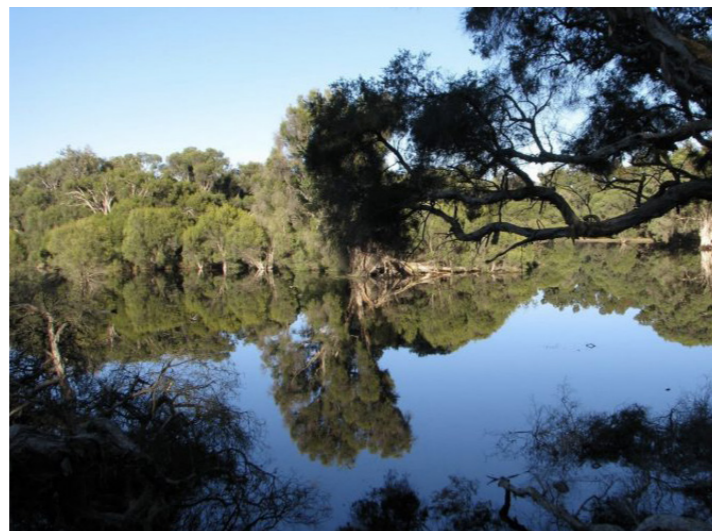


Neighbouring 'Quenda Wetland' forms part of the Beeliar Wetlands.

The borrowed landscape, connection to nature, common flora and temporal change add significant value to the proposed landscape.

Successful integration and connection from the built form to the landscape through careful consideration of rhythm, layering, materiality form and visual connection to deliver a holistic, well considered outcome.

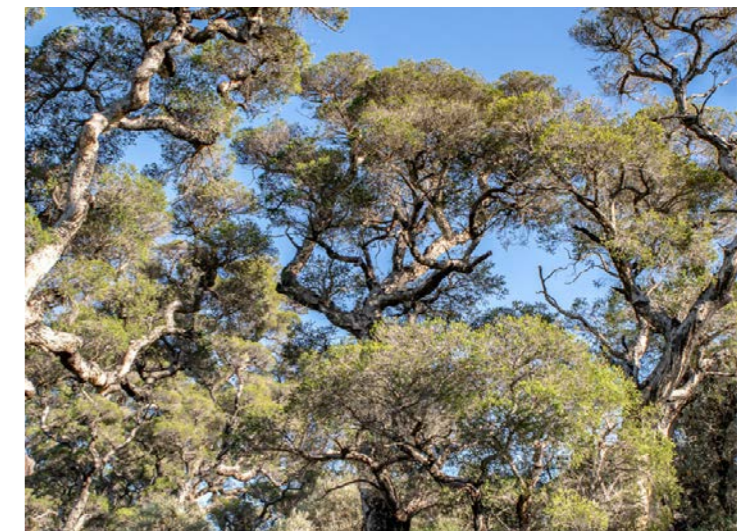
Create a unique environment which offers refuge, stimulation and activity to promote wellbeing, sense of connection and healing.



Beeliar Wetland Chain



Site informed native palette



Sense of place and borrowed landscape

MENTAL HEALTH UNIT

Site Analysis

Topography

The site topography falls from the south-east to the north-west with an elevation change of approximately 4.15m.

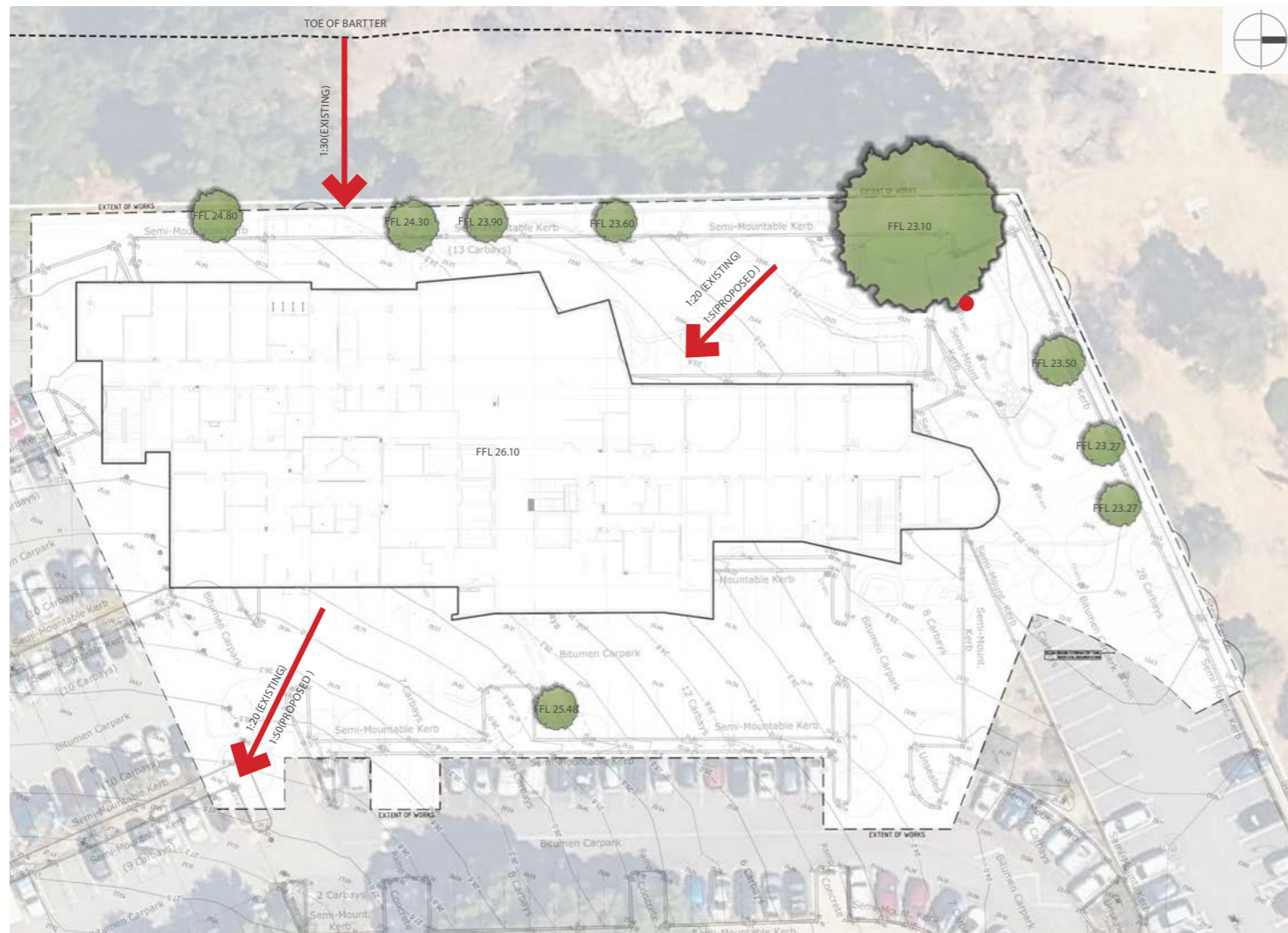
Extending from the western boundary is an existing batter (approx. 1:30) at the interface with Quenda Wetland.

The South Street verge (to the north of the proposed Mental Health Unit, (MHU) site) undulates slightly.

With the proposed ground floor of the MHU set at a constant level, the interface with the northern and western side of the building will be required to address significant level change to achieve usable space.

Legend

→ CONTOUR GRADIENT



Topographic analysis

Sun & Shade

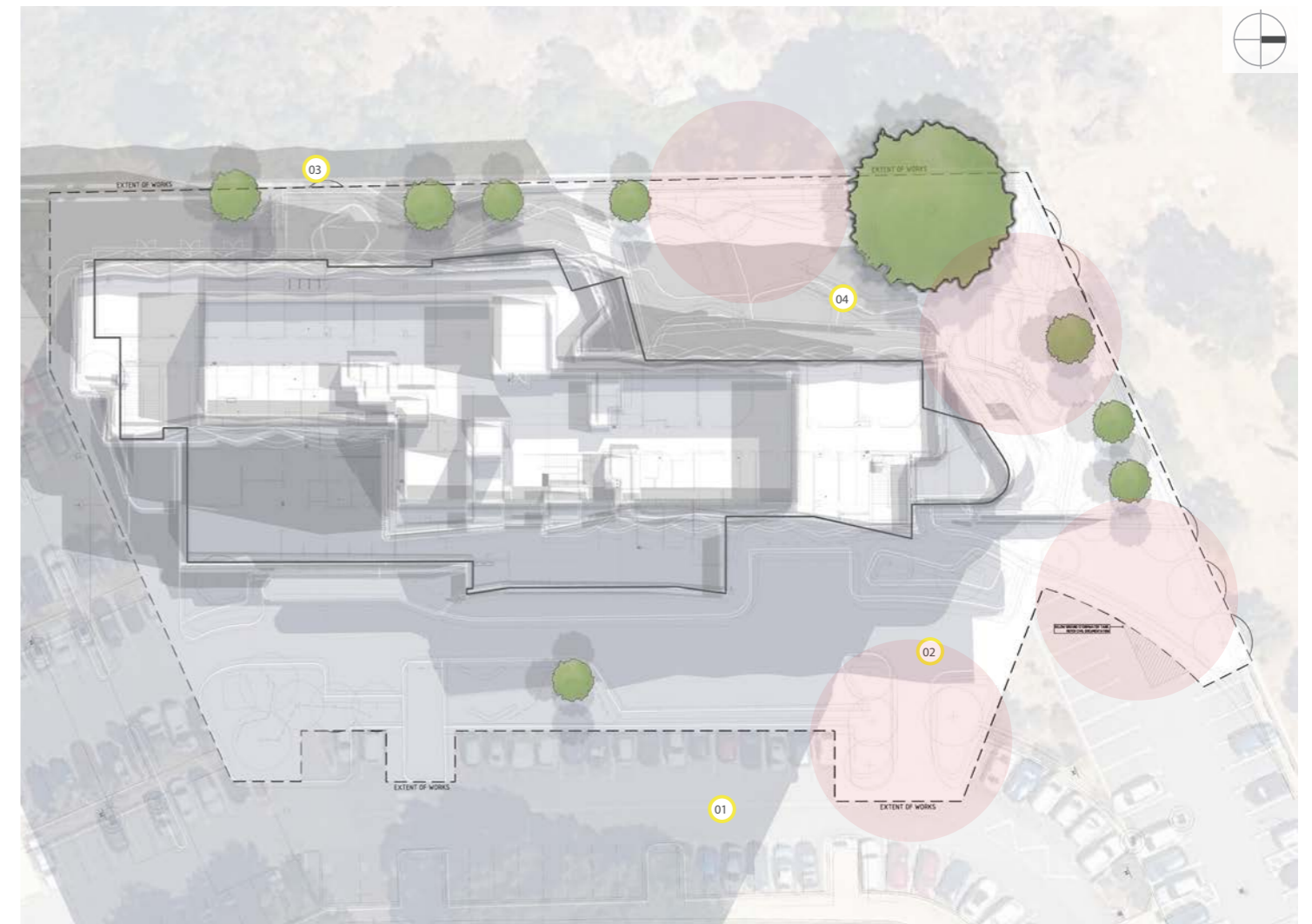
Review of the architectural sun study and shade from existing trees indicates that four key areas will be in full sun year-round.

The landscape design will introduce:

- additional natural shade;
- hard shade structure; and,
- deciduous trees to allow for winter sun and summer shade.

Legend

- 01 21 JUNE 3PM
- 02 21 DECEMBER 3PM
- 03 21 DECEMBER 10AM
- 04 21 JUNE 10AM
- NONSHADED AREA



Sun and shade analysis





MENTAL HEALTH UNIT

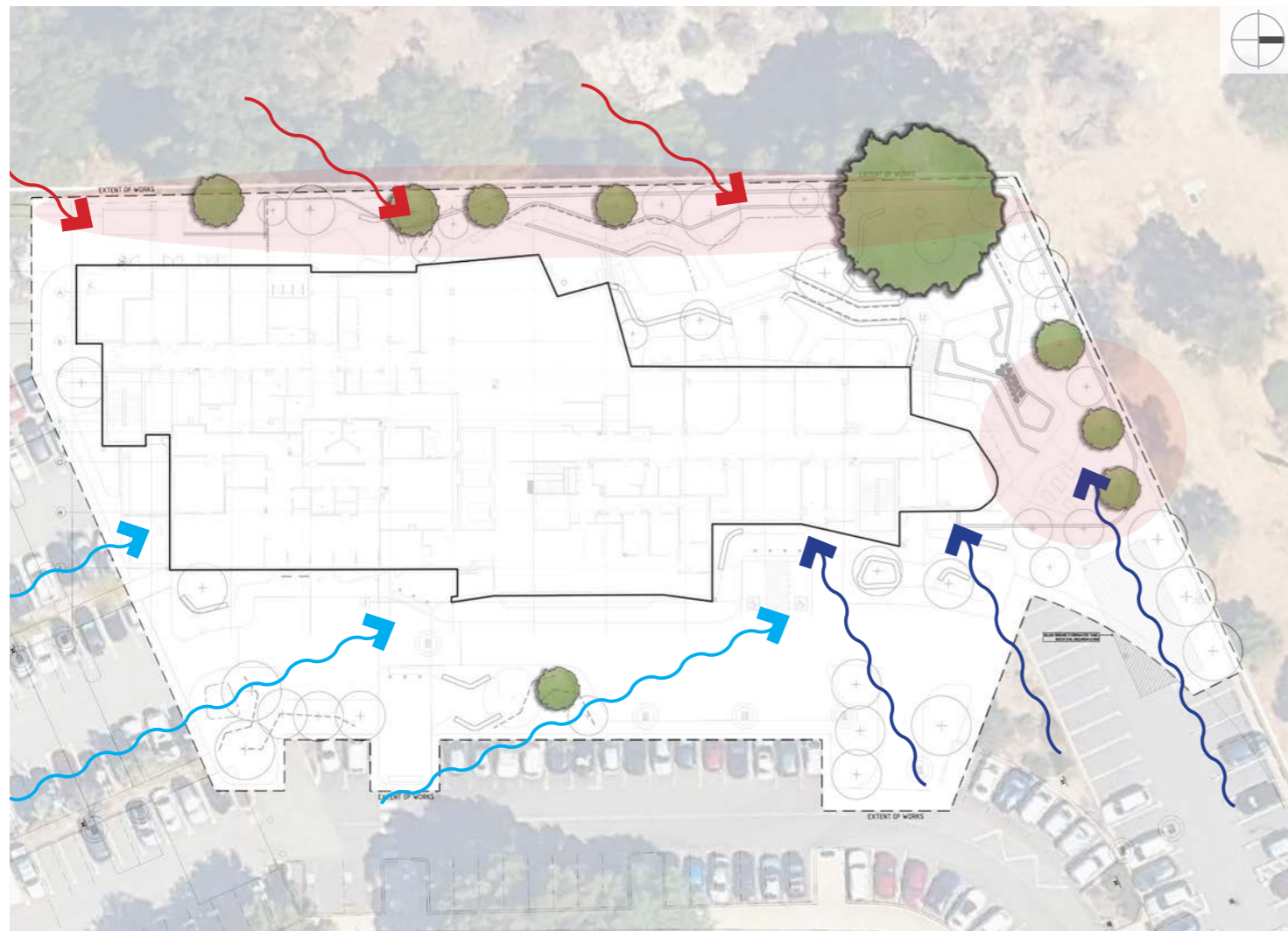
Prevailing Wind

The exterior spaces around the proposed MHU will be subject to prevailing winds, with spaces to the west effected by the south-westerly winds and the higher parts of the northern aspect being affected by the easterly winds.

To ensure comfort and usability of these exterior spaces the design has allowed for green edges as well as terracing to project to the high-use areas.

Legend

-  SOUTHWESTERLY WIND
-  EASTERLY WIND
-  SOUTHERLY WIND
-  WIND AFFECTED AREA



Prevailing wind analysis






Access & Circulation

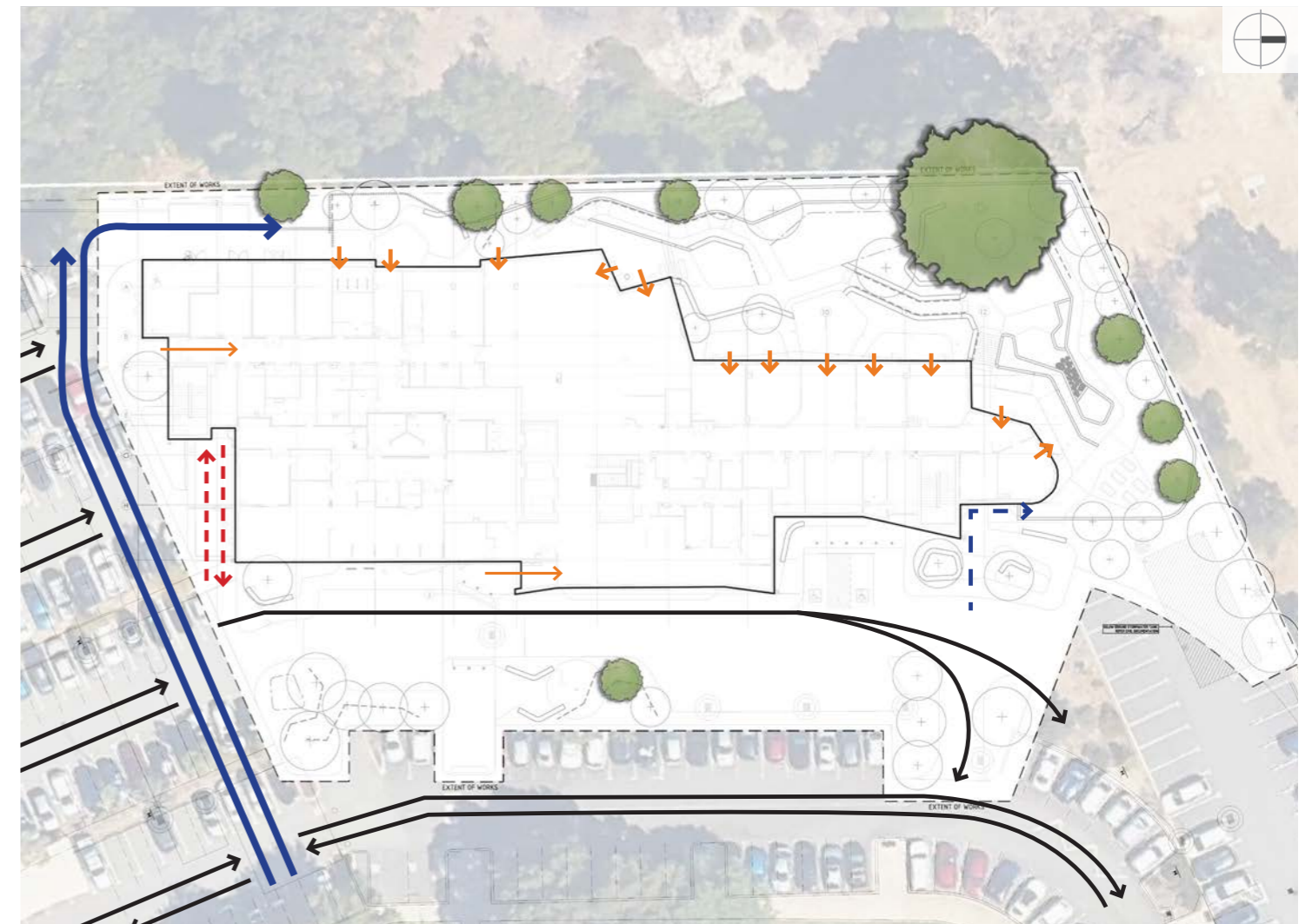
Vehicular movement facilitating maintenance, emergency and parking access is proposed to the south of the MHU as per the current architectural design. To avoid conflict between vehicles and pedestrians, safe movement corridors are required.

Drop-off zone in front of the building will also result in pedestrians crossing vehicle movement paths. The landscape design considers this interface introducing consistent pavement treatments prioritising pedestrian movement and safety.

Access provisions and requirements have informed the landscape design to ensure serviceability and maintenance.

Legend

-  PROPOSED BUILDING ENTRANCES
-  VEHICULAR CIRCULATION
-  MINOR SERVICE ACCESS
-  MAJOR SERVICE ACCESS
-  EMERGENCY ACCESS



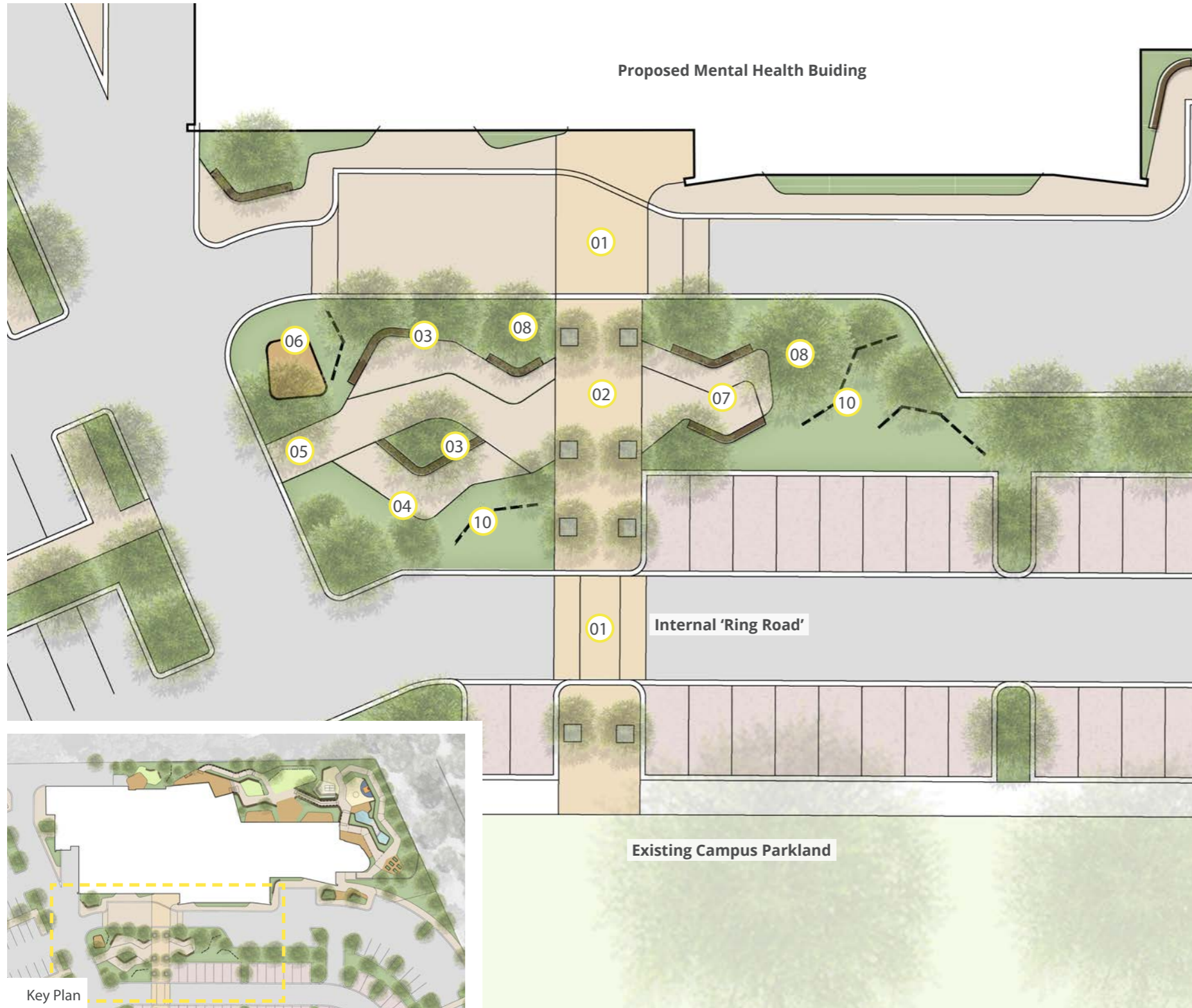
Access and circulation analysis

MENTAL HEALTH UNIT LANDSCAPE PLAN

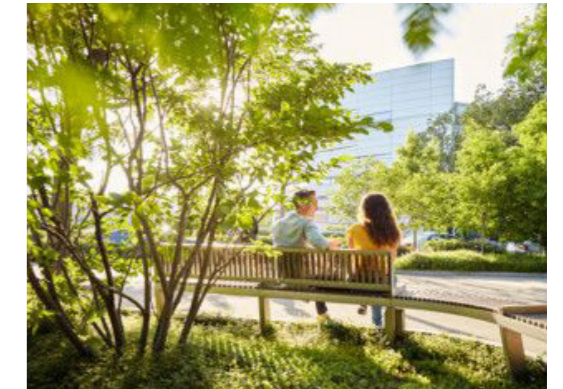


- 01 Internal 'Ring Road' with street trees, parking and contrasting road pavement
- 02 Unit paving to raised pedestrian connection
- 03 Existing footpath
- 04 Proposed shaded footpath adjacent 'ring road'
- 05 Green corridor with footpath connecting existing campus parkland and Quenda wetland
- 06 Tree planting (at 1 per 4 car bays)
- 07 Emergency access to Mental Health Unit
- 08 Maintenance access
- 09 Welcome Garden
- 10 Caregiver Garden
- 11 Therapeutic Garden
- 12 Footpath connection to South Street
- 13 Dense tree planting providing additional noise mitigation from South Street
- 14 Noise wall to Mental Health Unit boundary

WELCOME GARDEN



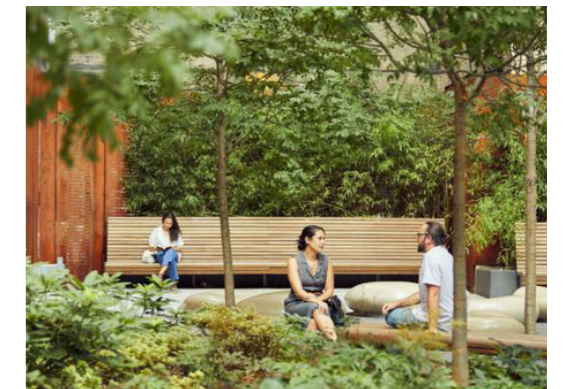
Comfortable scale



Seating opportunities



Timber privacy screening



Dappled light and shade canopy

The arrival landscape evokes a sense of calm and retreat to provide a level of comfort to consumers and visitors.

Varied seating opportunities, artwork for stimulation and engagement, and wayfinding elements are embedded within a palette of native planting.

- 01 Raised pedestrian connection providing safe and legible access
- 02 Feature paving to entry
- 03 Seating walls surrounded by native planting
- 04 Pod seats for individuals and/or small groups
- 05 Path connection to carpark
- 06 Wayfinding marker / signage
- 07 Private seating area with small public artwork
- 08 Large shade trees to screen and to provide a welcoming enclosed atmosphere
- 10 Timber privacy screening within planting

THERAPEUTIC GARDEN



Meandering paths connecting varied spaces



Tiered landscape with terracing



Comfortable seating and connection to nature



Sensory and production gardens

This multi-level garden offers a variety of functions and flexible spaces connected by a series of accessible walkways.

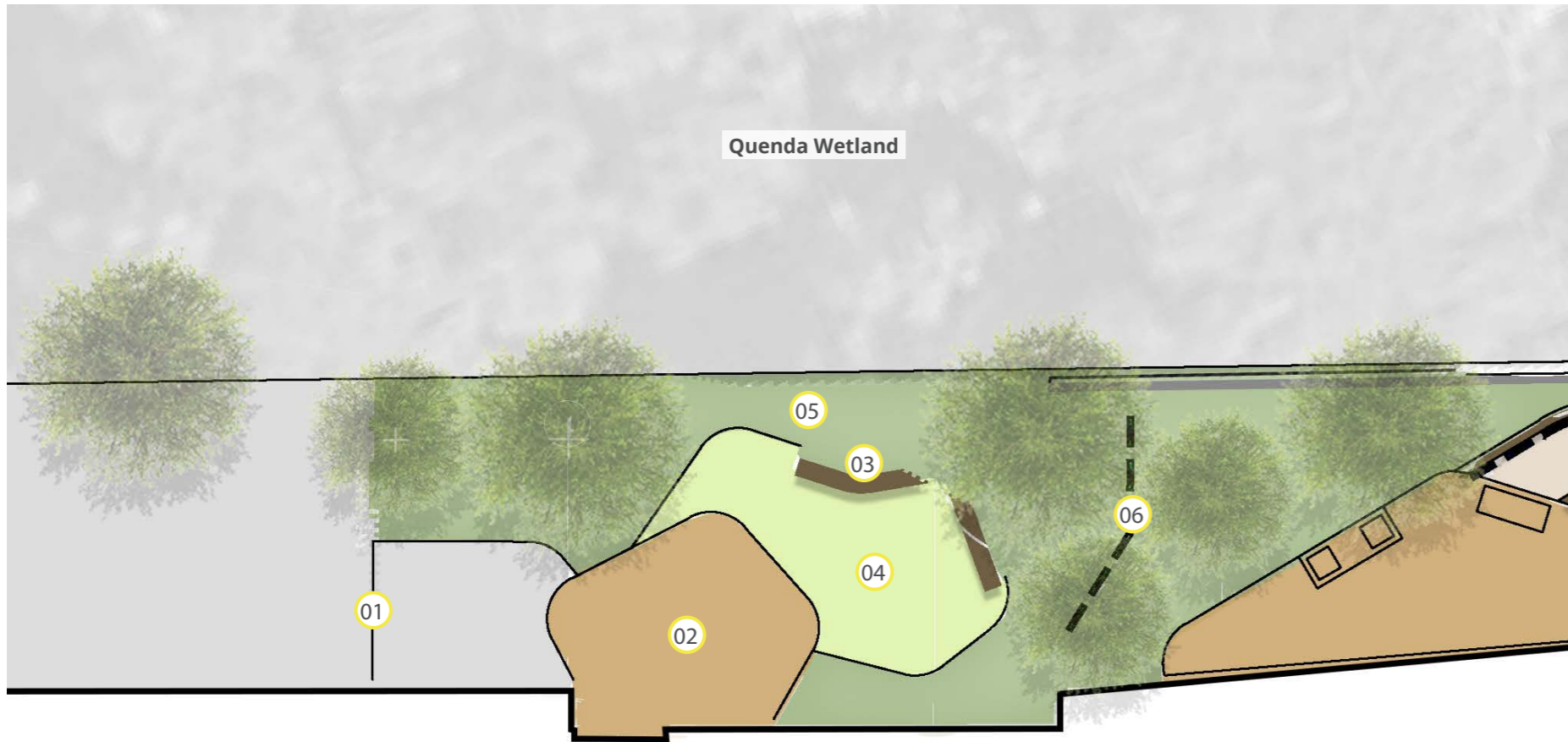
Discrete, but surveilled, seating areas and large gathering spaces provide opportunities for patients and visitors to socialise, connect with nature and be engaged all in a natural setting.

- 01 Timber deck alfresco with BBQ and varied seating
- 02 Passive seating area with lawn for relaxation and small groups
- 03 Active open turf area with for various activities (badminton, dance classes, movies)

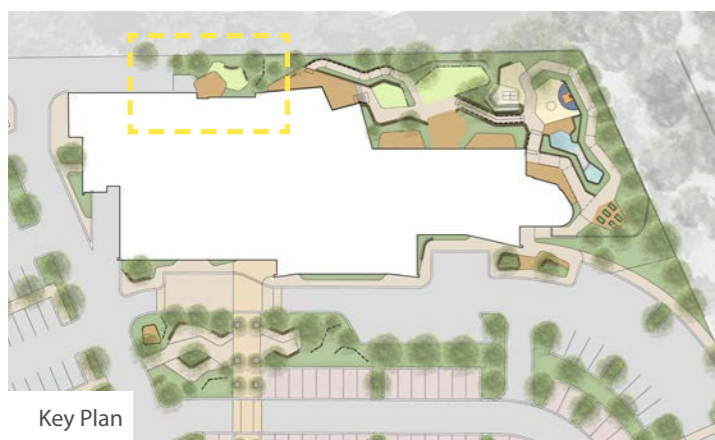
- 04 Central timber deck extending from the interior break-out space with seating terraces overlooking the wetlands providing space for gathering and events
- 05 Private terraces connected to therapy rooms
- 06 Activity zone with table tennis and shade structure
- 07 Basketball and ball sport area
- 08 Water feature and sensory planting
- 10 Deck extension to art therapy room
- 11 Raised veggie planters
- 12 Native shade trees and planting
- 13 Accessible walkways



CAREGIVER GARDEN



Proposed Mental Health Building



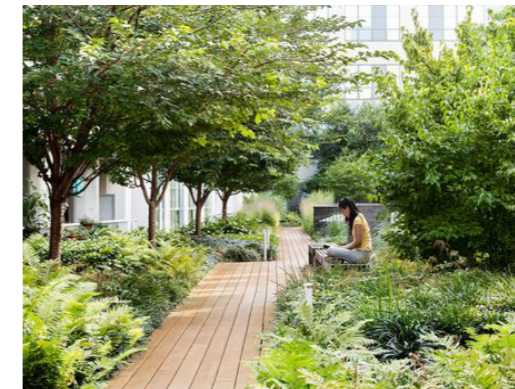
Key Plan



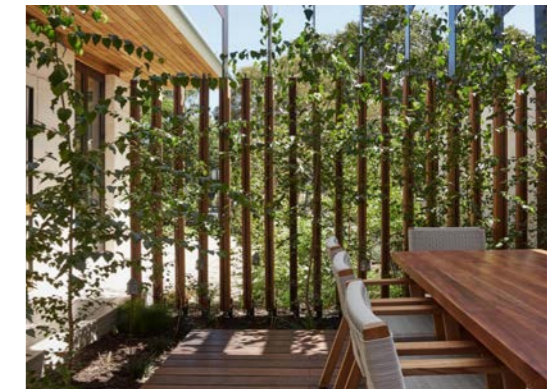
Flexible furniture



Opportunities for small groups



Built-in seating surrounded by planting



Permeable timber screen privacy screen

A semi-private area with direct connection to interior staff room to provide caregivers an opportunity to break, recharge and improve their own wellbeing.

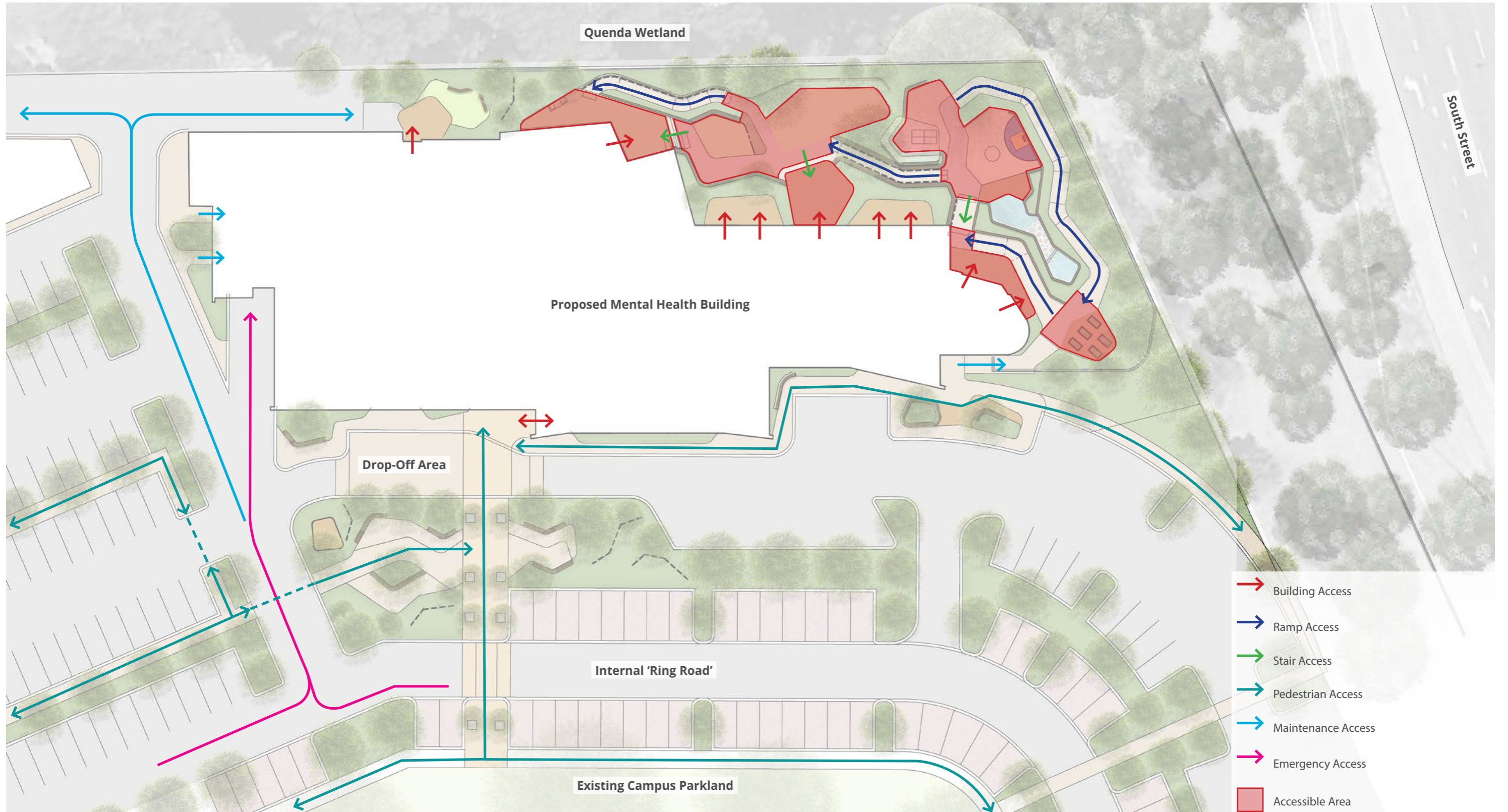
Permeable timber screening provides a sense of enclosure and privacy, however staff are encouraged to cohabitate with consumers in the 'therapeutic garden'.

- 01 Secure gate access to caregiver courtyard
- 02 Deck overlooking the wetlands with loose furniture for staff gathering
- 03 Seating wall
- 04 Turf
- 05 Native garden bed and tree planting with bird attracting species to enhance connection to wetland
- 06 Permeable timber privacy screen

FUNCTION & PURPOSE



ACCESS & CIRCULATION



CANOPY COVER



MATERIAL PALETTE & SELECTIONS

The landscape materials palette aims to provide comfort and evoke a sense of welcome and homeliness through use of warm colours and textures.

Considered use of colour in strategic locations contributes to vibrancy without overwhelming consumers.

Pavements



EXPOSED AGGREGATE CONCRETE
'EUCALYPTUS' (HOLCIM)



EXPOSED AGGREGATE CONCRETE
'BRIGHTON' (BORAL)



COLOURED CONCRETE
'CANVAS' (CCS)



COMPOSITE DECKING
MILLBOARD - 'ANTIQUE OAK'



GRAVEL
'RAINBOW QUARTZ'

Furniture



TIMBER SLATS - TO TOP OF WALL



BENCH SEAT BUILT-IN



FLEXIBLE FURNITURE



SPORTS COURT



TURF



FACE BRICK WALLS

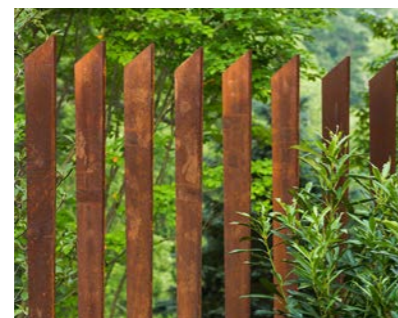
Surfaces

Walls

Fencing & Screening

Equipment

Engagement Elements



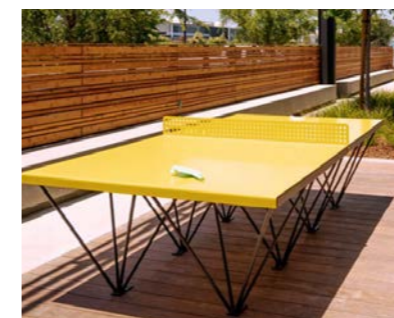
TIMBER BATTEN SCREENING



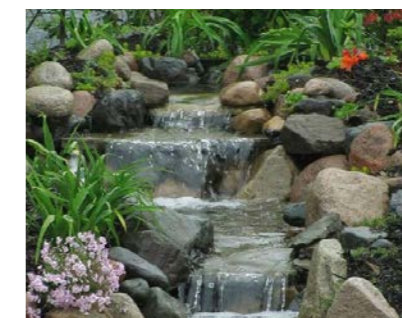
GARRISON FENCE



BASKETBALL HOOP &
BACKBOARD



OUTDOOR TABLE TENNIS TABLE



WATER FEATURE



RAISED VEGGIE PLANTER

SENSORY GARDEN

A place for individuals and small groups to connect with nature prompting relaxation and contemplation.

Comfortable access via path (1:21) from the northern end of the building to the lower garden tier whilst stairs provide direct access from the art therapy deck.

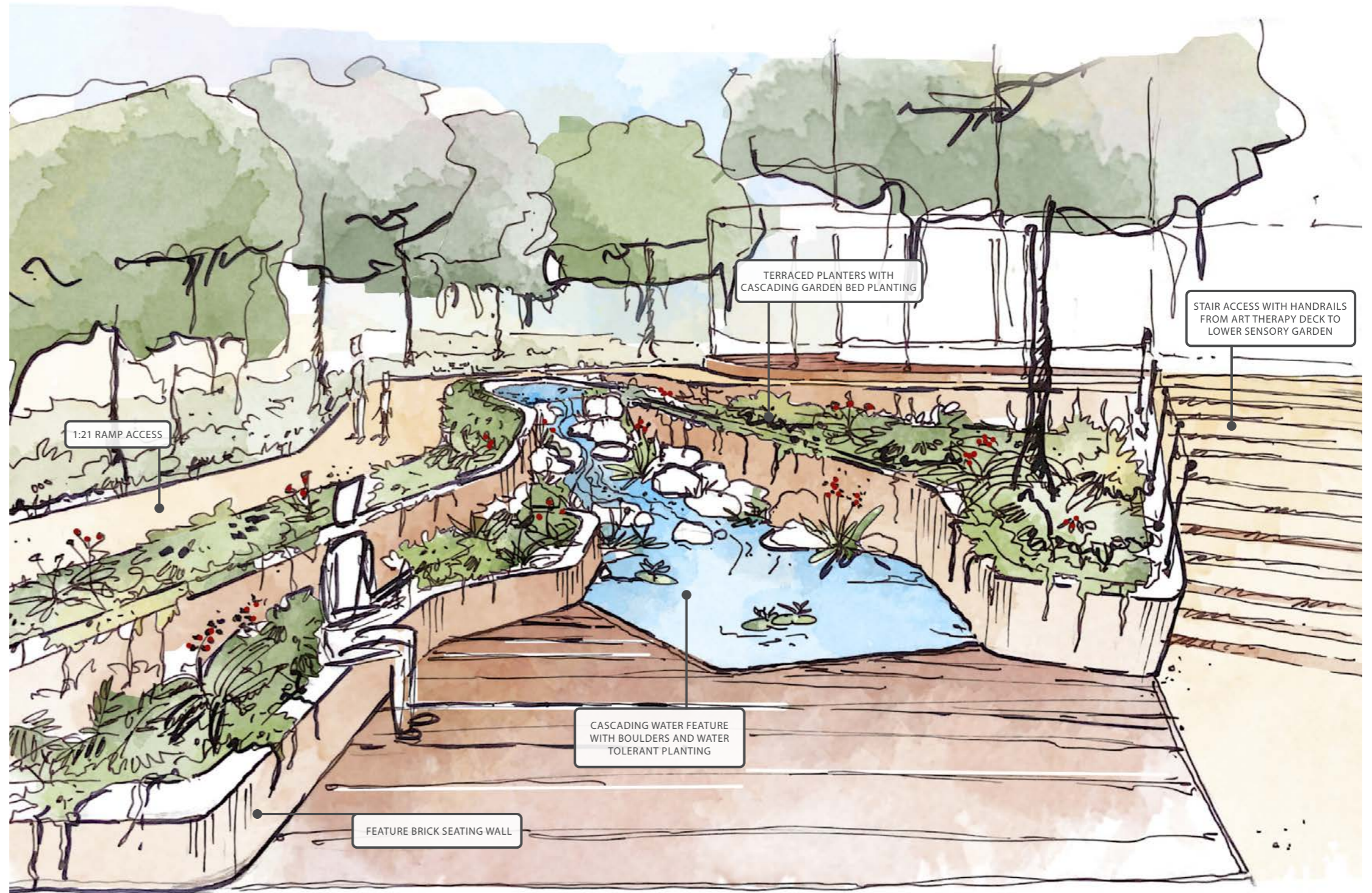
Native planting to the periphery with a edible fruits, herbs and flowers to the raised planters.

The water feature provides a focal point for the sensory garden as it meanders and cascades from the highest to the lowest part of the garden. It can also be viewed from the art therapy exterior deck and the recreation zone.

The rhythm of the water celebrates movement and the environment and is likely to attract birdlife.



Key Plan



Perspective

RECREATION AREA

The recreation areas have been collocated on the lower tier of the therapeutic garden to assist with noise mitigation from South Street.

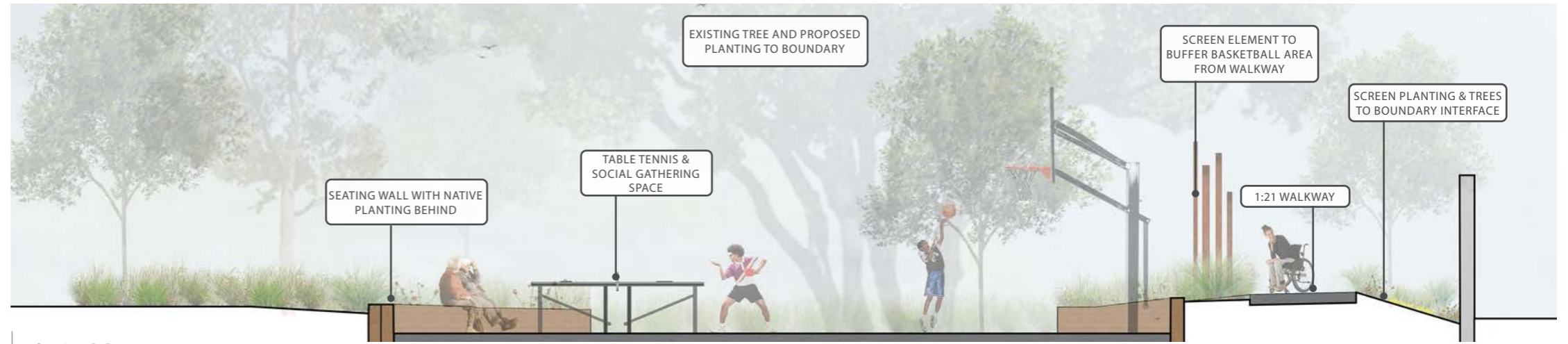
The zone is a flexible space that provides opportunity for socialisation, activation and engagement.

To promote exercise and physical wellbeing, the zone includes a multi-court surface with basketball hoop and line-marked games.

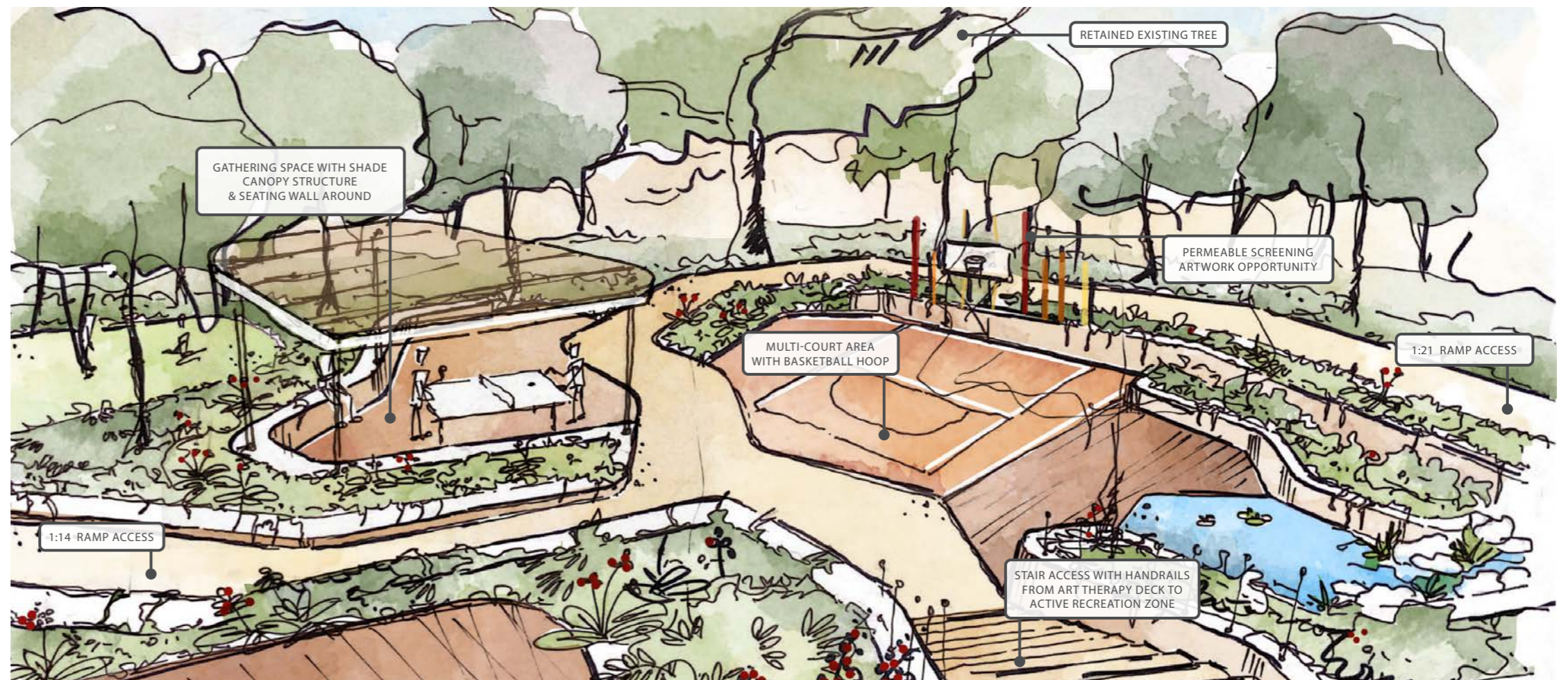
The area can also be used for other ball sports and support the use of portable fitness equipment.

A secondary area, anchored by a small shade structure, provides immediate shade to a predominately hardscaped area. It includes seating and a table tennis table.

The large existing shade tree and proposed planting will establish a green buffer to separate the recreation zone from the balance of the therapeutic garden.



Section B-B



Perspective



Key Plan

THErapy GARDEN

The therapy garden offers an extension of the interior therapy rooms through the inclusion of private decking. The decks are elevated (between 1.0m and 1.6m) above the central tier of the therapeutic garden and are separated with battered planting buffers.

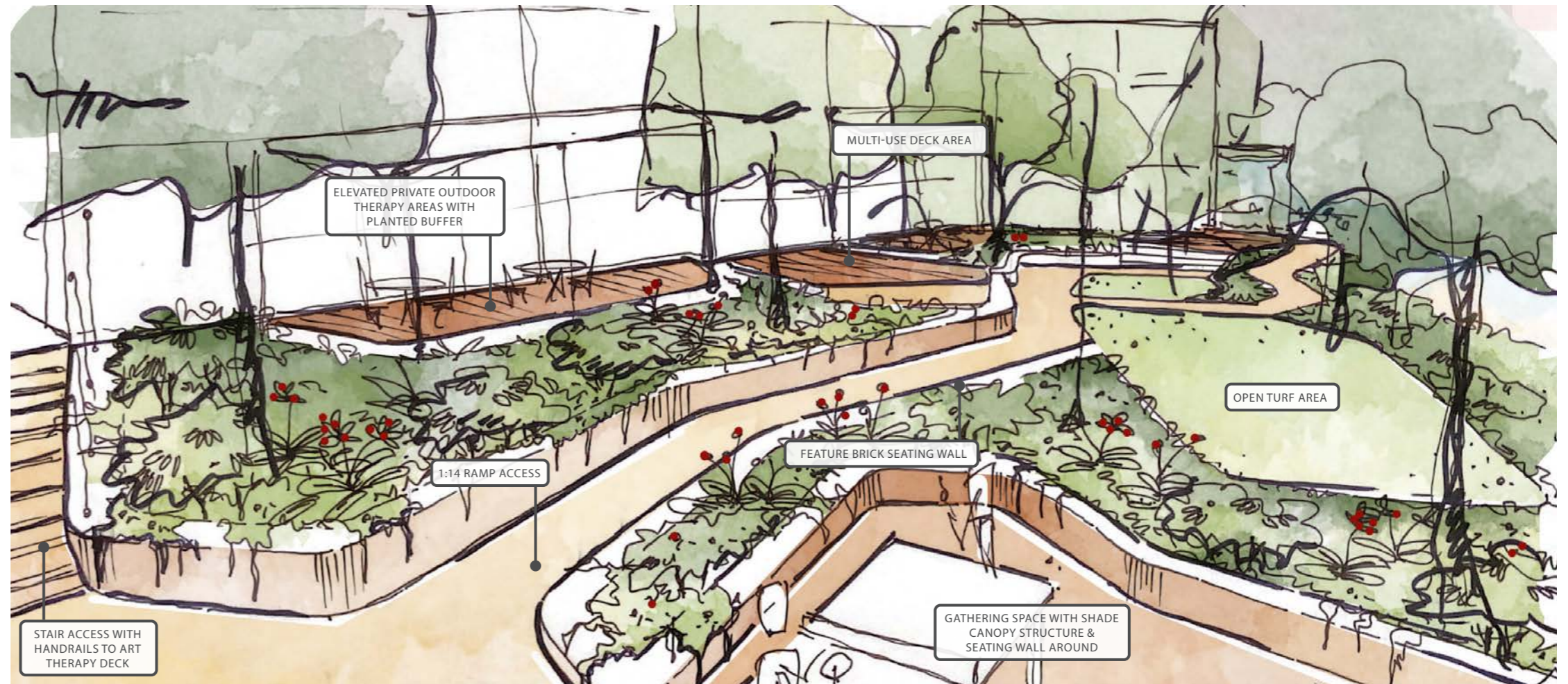
A transitional space between the outdoor therapy decks and passive turf area provides further separation of landscape function promoting a comfortable healing and therapy environment.

The passive turf area provides opportunity for outdoor physical therapy and mindfulness. The flexible space may facilitate yoga, tai-chi, passive recreation whilst at times providing a space for laying in the sun or reading a good book.

At the centre of the middle tier, is a large communal deck expanding the interior multi-use space. This area looks over the quenda wetland and provides opportunity for group therapy or small events whilst also supporting small groups with loose furniture.



Section C-C



Perspective



Key Plan

RELAXATION AREA

The relaxation zone occupies the top tier of therapeutic garden as well as a small transitional space to the middle tier.

The area consists largely of a deck area extending from the café and dining hub providing alfresco dining opportunities. The inclusion of an electric barbeque provides patients an opportunity to cook with family and visitors and evoke a sense of being at home.

Native planting around the deck provides a comfortable environment whilst connecting the space the neighbouring quenda wetland. Careful new tree positioning will maintain off-site views.

A ramp and stairs extend from the alfresco deck to a small turf area with informal seating wall fosters relaxation and gathering of small groups.



Key Plan



Perspective



APPENDIX A

ST JOHN OF GOD MURDOCH - STYLE GUIDE

STYLE GUIDE

01 hardworks

hardworks

| ITEM | TYPE | SUPPLIER | SPECIFICATIONS | |
|-------------------------|-----------------------------------|---------------|---|---|
| WALLS AND EDGING | | | | |
| WALLS | INSITU CONCRETE | TBA | SIZE: 300mm WIDE HEIGHT: VARIES COLOUR: WHITE |  |
| WALLS | BRICK FACE | MIDLAND BRICK | TYPE : NOUVEAU GREY SIZE : 230 X 110 X 76mm PATTERN : STRETCHER MORTAR : WHITE |  |
| FEATURE WALLS | RAMMED EARTH | TBA | SIZE: 400mm WIDE HEIGHT: VARIES |  |
| GARDEN BED EDGING | GALVANISED ALUMINIUM EDGING | TBA | VSIZE: 100mm HEAVY DUTY |  |
| PAVEMENTS | | | | |
| MAIN BODY PAVING | EXPOSED AGGREGATE INSITU CONCRETE | HOLCIM | COLOUR: EUCALYPTUS FINISH: EXPOSED |  |
| SECONDARY PAVING | EXPOSED AGGREGATE INSITU CONCRETE | BORAL | COLOUR: BRIGHTON FINISH: EXPOSED |  |

STYLE GUIDE

01 hardworks

hardworks

| ITEM | TYPE | SUPPLIER | SPECIFICATIONS | |
|---|--|---------------|--|---|
| TERTIARY PAVING | INSITU CONCRETE | TBA | CCS: CANVAS FINISH: ROCK SALT |  |
| BUILDING ENTRIES FEATURE UNIT PAVING | ENGINEERED PAVER | URBANSTONE | SIZE: 300x150x60mm COLOUR: RIVER TOPAZ FINISH: SHOTBLASTED PATTERN: STRETCHER BOND |  |
| SHARED USE AREA PAVING | UNIT PAVING (INTERLOCKING) | MIDLAND BRICK | TYPE : DEKOPAVE 80 GRANITE COLOUR : TUNDRA |  |
| TACTILE PAVING | UNIT PAVING | URBANSTONE | TYPE : ENGINEERED PAVER - HAZARD TACTILE SIZE : 400 X 300 X 60 mm COLOUR : GOLDEN GUN MENTAL FINISH : SHOTBLAST |  |
| DECKING | AUSTRALIAN HARDWOOD (ALTERNATIVE: COMPOSITE TIMBER) | TBA | - |  |

STYLE GUIDE

02 furniture







furniture

| ITEM | TYPE | SUPPLIER | SPECIFICATIONS | |
|------------------------------|---|----------------------------|---|---|
| FURNITURE | | | | |
| DRINKING FOUNTAIN | DRINKING FOUNTAIN | DRAFFIN STREET FURNITURE | MODEL: BENT LEAF DRINKING FOUNTAIN FINISH: STAINLESS |  |
| ON TOP OF WALL BENCH SEATING | AUSTRALIAN HARDWOOD | N/A | (ALTERNATIVE: COMPOSITE) |  |
| BENCH SEAT | FREE STANDING BENCH SEATING WITH BACKREST | STREET FURNITURE AUSTRALIA | MODEL: FORUM SEAT / 3 SEATER (FS7) FRAME COLOUR: PALLADIUM SILVER BATTENS: JARRAH |  |
| CAFE CHAIR | LOOSE FURNITURE | STREET FURNITURE AUSTRALIA | MODEL: FORUM SEAT / 1 SEATER (FS7) FRAME COLOUR: PALLADIUM SILVER BATTENS: JARRAH |  |
| CAFE TABLE | LOOSE FURNITURE | STREET FURNITURE AUSTRALIA | MODEL: CAFE ROUND TABLE (T1) COLOUR: PALLADIUM SILVER, PEARL WHITE AND SAFETY YELLOW |  |

STYLE GUIDE

02 furniture

furniture

| ITEM | TYPE | SUPPLIER | SPECIFICATIONS | |
|--------------------------|---------------------|----------------------------|--|---|
| CAFE STOOL | LOOSE FURNITURE | STREET FURNITURE AUSTRALIA | MODEL: CAFE STOOL COLOUR: PEARL WHITE AND SAFETY YELLOW |  |
| FEATURE CHAIRS & BENCHES | LOOSE FURNITURE | STREET FURNITURE AUSTRALIA | MODEL: FORUM SEAT / 1 SEATER (FS7) COLOUR: PEARL WHITE, SAFETY YELLOW BATTENS: ANODIZED ALUMINIUM IN PEARL WHITE / SAFETY YELLOW |  |
| BINS | 120 L BIN ENCLOSURE | MOS URBAN | MODEL: OXLEY BIN (120 L) OXB12-53-01-12 COLOUR: ANOTEC SILVER GREY BATTENS: HARDWOOD TIMBER |  |
| LIGHTING | LED POLE TOP LIGHT | IGAZZINI | MODEL: LAVINIA POLE FINISH: ALUMINIUM POLE TOP AND ARMS |   |
| BIKE PARKING | STREET FURNITURE | EXTERIA | MODEL: PITCH BIKE RAIL FINISH: STAINLESS |  |

STYLE GUIDE

02 furniture

furniture

| ITEM | TYPE | SUPPLIER | SPECIFICATIONS |
|------|------|----------|----------------|
|------|------|----------|----------------|

| | | | |
|-------------------------------------|--|--|--|
| HANDRAILS, BALUSTRADES AND BARRIERS | | | |
|-------------------------------------|--|--|--|

| | | | | |
|-----------|------------------------|--------|-----------------------------------|---|
| HANDRAILS | SINGLE INLINE HANDRAIL | MODDEX | MODEL: AR 10 COLOUR: HDG STEEL |  |
|-----------|------------------------|--------|-----------------------------------|---|



| | | | | |
|-------------|---------------------|--------|----------------------------------|--|
| BALUSTRADES | STANDARD BALUSTRADE | MODDEX | MODEL: CB10 COLOUR: HDG STEEL |  |
|-------------|---------------------|--------|----------------------------------|--|



| | | | | |
|----------|------------------|----------------------------|--|---|
| BOLLARDS | STANDARD BOLLARD | STREET FURNITURE AUSTRALIA | MODEL: SLIM BOLLARD (B5-F FLAT) WITH FLAT HEAD FINISH: STAINLESS |  |
|----------|------------------|----------------------------|--|---|



STYLE GUIDE

03 planting

planting - full sun / part shade

KEY SPECIES SIZE

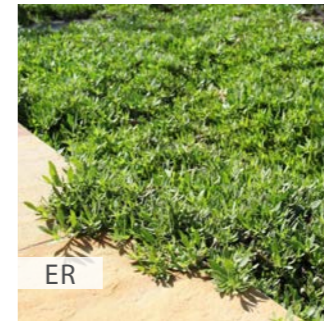
GROUNDCOVERS

BB BANKSIA 'BIRTHDAY CANDLES' 20cmH x 50cmW



CG CASUARINA GLAUCA - TO CASCADE OVER WALLS (COUSIN IT) 15cmH x 1mW

ER EREMOPHILA 'ROSEWORTHY' (EMU BUSH) 30cmH x 1mW



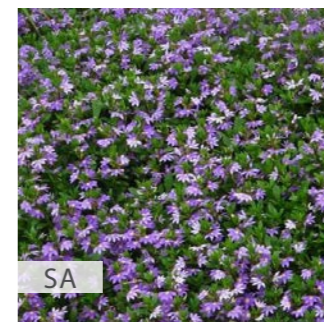
GG GREVILLEA 'GIN GIN GEM' - TO LARGE AREAS 30cmH x 2mW

HP HEMIANDRA PUNGENS (SNAKE BUSH) 30cmH x 1mW



MY MYOPORUM 'YAREENA' (CREEPING BOOBIALLA) 10cmH x 1mW

SA SCAEVOLA 'AUSSIE SALUTE' (FAN FLOWER) 20-50cmH x 1-2mW



WL WESTRINGIA 'LOW HORIZON' (COASTAL ROSEMARY) 30cmH x 70cmW

STYLE GUIDE

03 planting

planting - full sun / part shade

KEY SPECIES SIZE

SMALL SHRUBS / GRASSES

AL ACACIA 'LIMELIGHT'
(RIVER WATTLE) 50cmH x 1mW

AM ANIGOZANTHOS MANGLESII
(RED AND GREEN KANGAROO PAW) 1mH x 1.2mW

GC GASTROLOBIUM CAPITATUM
(BACON AND EGGS) 100cmH x 70-90cmW

LF LEPTOSPERMUM 'FORE SHORE'
(TEA TREE) 50cmH x 1mW

LL LOMANDRA 'LIME TUFF'
(MATT RUSH) 40cmH x 40cmW

PR PIMELEA ROSEA
(ROSE BANJINE) 60-100cmH x 30-50cmW

RS RHAPHIOLEPIS 'SNOW MAIDEN'
(INDIAN HAWTHORN) 75cmH x 1mW

WA WESTRINGIA 'AUSSIE BOX'
(COMPACT COASTAL ROSEMARY) 70-90cmH x 70-90cmW



STYLE GUIDE

03 planting

planting - full sun / part shade

KEY SPECIES SIZE

MEDIUM / LARGE HEDGES *

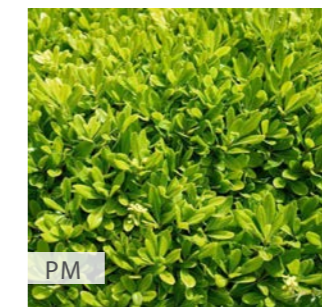
MD METROSIDEROS 'DALESE'
(NEW ZEALAND CHRISTMAS BUSH) 1.5mH x 1.5mW

MS MURRAYA 'SWEET PRIVACY'
(ORANGE JESSAMINE) 1.8mH x 1.5mW

PM PITTOSPORUM 'MISS MUFFET'
(DWARF PITTOSPORUM) 1mH x 1.5mW

VD VIBURNUM 'DENSE FENCE'
(SWEET VIBURNUM) W1.5mH x 2mW

* ALL HEDGES CAN BE KEPT TRIMMED TO 1mW

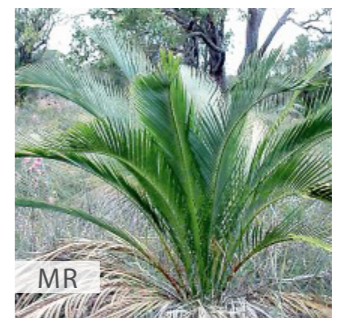


FEATURE PLANT

CM CLIVIA MINIATA
(CLIVIA) 50cmH x 60cmW

DE DORYANTHES EXCELSA
(GYMEA LILY) 2mH x 2mW

MR MACROZAMIA RIEDLEI
(ZAMIA) 0.5-2mH x 2-3mW



STYLE GUIDE

03 planting

planting - part shade / full shade

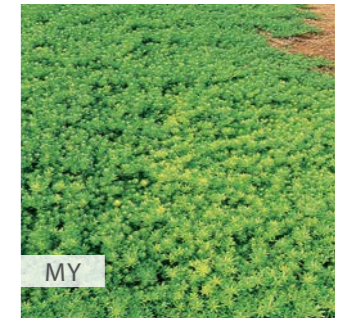
KEY SPECIES SIZE

GROUNDCOVERS

AL ALTERNANTHERA 'LITTLE RUBY'
(RUBY LEAF) 30cmH x 90cmW

GG GREVILLEA 'GIN GIN GEM' - TO LARGE AREAS 30cmH x 2mW

MY MYOPORUM 'YAREENA'
(CREEPING BOOBIALLA) 10cmH x 1mW



SMALL SHRUBS / GRASSES

AB AGAPANTHUS 'BINGO WHITE'
(AFRICAN LILY) 40cmH x 60cmW

DT DIANELLA 'TASRED'
(FLAX LILLY) 60cmH x 65cmW

LJ LIRIOPE 'JUST RIGHT'
(LILYTURF) 50cmH x 50cmW

PX PHILODENDRON 'XANADU' 75cmH x 75cmW



STYLE GUIDE

03 planting

planting - part shade / full shade

| KEY | SPECIES | SIZE |
|-----|---------|------|
|-----|---------|------|

SMALL HEDGES

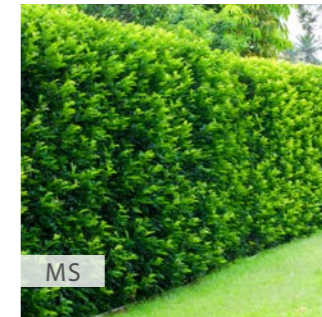
| | | |
|----|---|-------------|
| RS | RHAPHIOLEPIS 'SNOW MAIDEN' (INDIAN HAWTHORN) | 75cmH x 1mW |
|----|---|-------------|



| | | |
|----|---|---------------------|
| WA | WESTRINGIA 'AUSSIE BOX' (COMPACT COASTAL ROSEMARY) | 70-90cmH x 70-90cmW |
|----|---|---------------------|

MEDIUM / LARGE HEDGES *

| | | |
|----|---|-----------|
| CT | CHOISYA TERNATA (MEXICAN ORANGE BLOSSOM) | 2mH x 2mW |
|----|---|-----------|



| | | |
|----|---|---------------|
| MS | MURRAYA 'SWEET PRIVACY' (ORANGE JESSAMINE) | 1.8mH x 1.5mW |
|----|---|---------------|










| | | |
|----|--|---------------|
| RC | RHAPHIOLEPIS 'COSMIC WHITE' (INDIAN HAWTHORN) | 1.5mH x 1.5mW |
|----|--|---------------|

*ALL HEDGES CAN BE KEPT TRIMMED TO 1mW

STYLE GUIDE

03 planting

planting - tree planting

| KEY | SPECIES | SIZE | |
|----------------------|--|---------------|---|
| SMALL / NARROW TREES | | | |
| EV | EUCALYPTUS VICTRIX (SMOOTH BARKED-COOLIBAH) | 5-6mH x 4mW |   |
| MK | MAGNOLIA 'KAY PARRIS' (EVERGREEN MAGNOLIA) | 6mH x 3mW |   |
| MP | MELALEUCA PREISSIANA (STOUT PAPERBARK) | 5-6mH x 4-5mW |   |
| MS | MAGNOLIA 'SWEET SPIRE' (BULL BAY MAGNOLIA) | 3mH x 1.5mW |   |
| PC | PYRUS 'CHANTICLEER' (ORNAMENTAL PEAR) | 9mH x 4mW |   |
| XP | XANTHORRHOEA PREISSII (GRASS TREE) | 3mH x 1.5mW | |

STYLE GUIDE

03 planting

planting - tree planting

KEY SPECIES SIZE

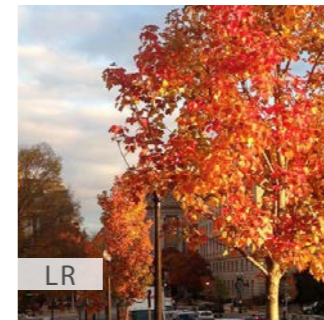
MEDIUM TREES

AF AGONIS FLEXUOSA (WA WEEPING PEPPERMINT) 10mH x 5mW



GS GLEDITSIA 'SHADEMASTER' (HONEY LOCUST) 12mH x 7mW

LR LIQUIDAMBAR ROTUNDILOBA (SWEET GUM) 12mH x 7mW



ML MELALEUCA LEUCADENDRA (WEEPING PAPERBARK) 12mH x 6-7mW

MV MELALEUCA VIRIDIFLORA (BROAD LEAFED PAPERBARK) 1-10mH x 3-4mW



STYLE GUIDE

03 planting

planting - tree planting

KEY SPECIES SIZE

LARGE / PERIMETER TREES

CM CORYMBIA MACULATA (SPOTTED GUM) 15mH x 8mW



EI ERYTHRINA INDICA (CORAL TREE) 15mH x 8mW

EG EUCALYPTUS GOMPHOCEPHALA (TUART) 10-40mH



ER EUCALYPTUS RUDIS (FLOODED GUM) 12mH x 7-8mW

MQ MELALEUCA QUINQUENERVIA (BROAD LEAFED PAPERBARK) 10mH x 4mW





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