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**ADELAIDE PARK LANDS TRAIL
REST STOPS**

Clover acknowledges the Kaurna people as
the traditional owners of the lands on which
this project is situated and offer our respect
to elders past, present and, emerging.

DESIGN REPORT

THIS DOCUMENT

ADELAIDE
PARK LANDS TRAIL
REST STOPS
DESIGN REPORT

A complete report of the context and development of the strategy and progression to concept designs

Includes:

- Project Introduction
- Strategic Context
- Benchmarking
- Adelaide Park Lands Trail Analysis
- Project Vision
- Rest Stop Hierarchy (extended content)
- Rest Stop Character (extended content)
- Concept Design Development
- Rest Stop Concept Designs
- Furniture and Materials Palettes
- Planting Palettes
- Stakeholder Engagement

ADELAIDE
PARK LANDS TRAIL
REST STOPS
DESIGN GUIDELINES

A practical guide to support the strategic siting and context specific design of rest stops

Includes:

- Project Vision
- Rest Stop Hierarchy (condensed)
- Rest Stop Character (condensed)
- Rest Stop Concept Designs
- Materials and Furniture Palettes
- Planting Palettes

	Version	Date
A	Draft Return Brief - Issued to Council	17.04.25
B	Draft Design Report - Issued to Council	30.05.25
C	Final Design Report - For Review	04.08.25
D	Final Design Report	12.08.25

Adelaide Park Lands Trail Rest Stops
DESIGN REPORT
City of Adelaide

REPORT SECTIONS

1.1 Introduction

Project Background

This report has been commissioned by the City of Adelaide to enhance accessibility and inclusion along the Adelaide Park Lands Trail in alignment with the City's Disability Access & Inclusion Plan (DAIP) 2024–2028.

Specifically addressing:

- Goal 1 – Infrastructure that helps people with disability move around and navigate the city

- Action 3 – Improve accessibility in the Adelaide Park Lands through installation of rest stops and accessible crossings (DAIP p.23)

Project Purpose

This project is the final piece of a larger body of work to inform a holistic improvement of the Adelaide Park Lands Trail.

The **Adelaide Park Lands Trail Wayfinding Strategy** and **Trail Improvement Plan**, both completed in 2024, underpin and are supplemented by the **Rest Stop Design Guidelines** (this project).

The Rest Stop Design Guidelines provide a strategic framework and practical guide to support the locating and context specific design of rest stops. The Rest Stop Design Report (this document) provides further context, research, analysis and design process to support the strategy behind the rest stop hierarchy, placement and development of the concept designs.

1.2 Strategic Context

Development of the strategy for the Park Lands Trail Rest Stops has been informed by State and City of Adelaide strategies and priorities including:

<u>State Government</u>

The Greater Adelaide Regional Plan (GARP)

Maps the Government of South Australia's long-term planning vision for Greater Adelaide to 2051 and beyond, providing data and direction to plan for and respond to growth and change in the community and urban environment. The Plan includes a vision to 'Live Locally' including principles: 'Walkability and active travel' and 'Safer streets and spaces'.

Urban Greening Strategy for Metropolitan Adelaide - Green Adelaide

Aims to bring together state departments, local governments, non-for-profits, Kaurna representatives and the wider community towards an 'ambitious and coordinated approach' to the greening of Metropolitan Adelaide.

With an overarching vision for: 'A resilient and liveable Adelaide for all - Leafier, cooler and more biodiverse, key relevant priority areas include: government leading by example; future-proofing our urban forest; and improving greening equity.

Cycling Strategy for South Australia 2022-2032

Guides future investment towards expanding and improving riding infrastructure and supporting safe and convenient environment for riding, for everyone. Key vision is: 'Riding is an enjoyable and safe recreational, sport and transport option in South Australia', encompassing objectives for 'Inclusive riding' and 'Accessible riding'.

South Australian Walking Strategy 2022-2032

Is a 10-year blueprint, accompanied by 3-year action plans aiming to achieve: 'More people walking more often; all ages, all abilities'. Includes relevant guidance for 'Walking infrastructure and networks that are connected and meet the needs of people of all ages and abilities will:... be well signposted, and offer comfort through shade and shelter, drinking water and places to stop and rest.'

South Australia's Active Travel Design Guide 2024

Offers design principles tailored for active travel and green infrastructure development in South Australia, founded upon best practices, Australian standards and local design conventions. Includes helpful guidance on Universal access and design and best practice dimensions to accommodate varying users in different typologies.

Inclusive SA State Disability Inclusion Plan 2019-2023

Is the overarching plan that sets goals for 'a more inclusive state' and is supported by more specific Disability Access and Inclusion Plans.

<u>Austroads</u>

Guide to Road Design Part 6A: Paths for Walking and Cycling

Provides guidance for designers and other practitioners on the design of paths for safe and efficient walking and cycling.
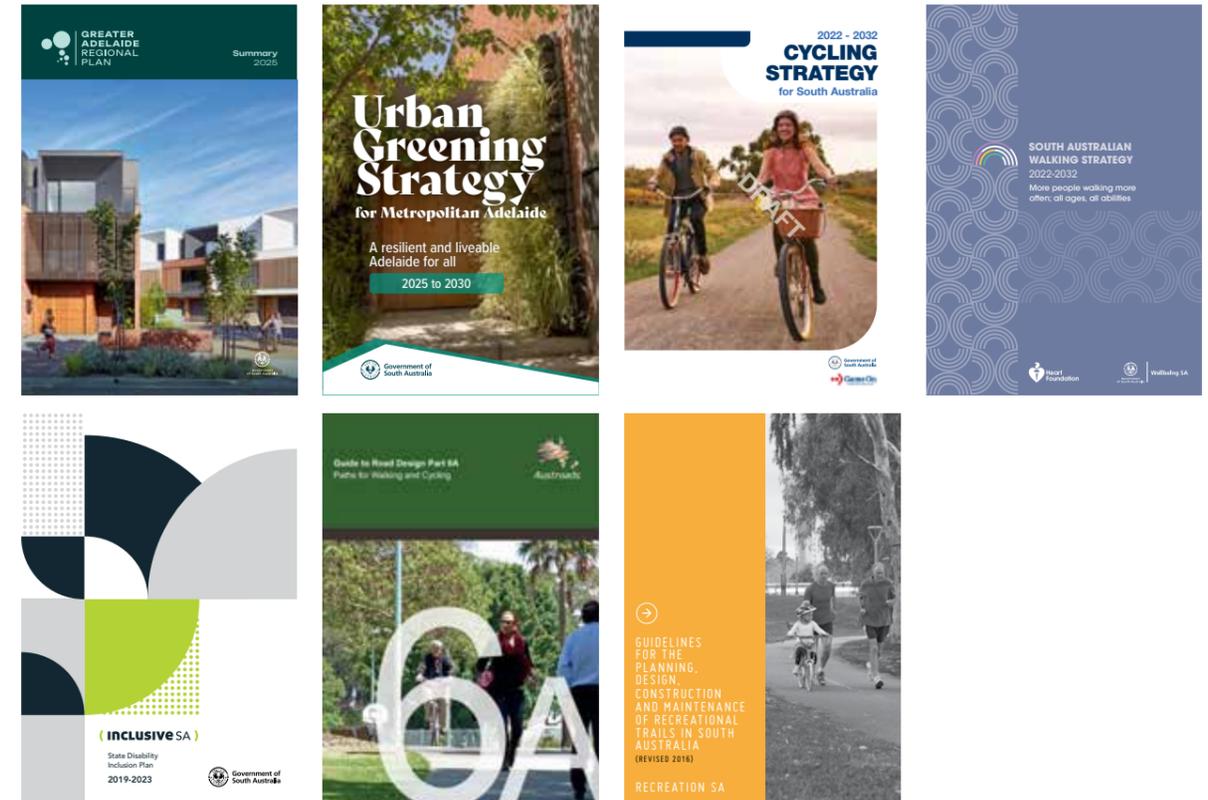
Guidelines for the Planning, Design , Construction and Maintenance of Recreational Trails in South Australia, Recreation SA (Updated 2016)

Provides a comprehensive document of guidelines and standards for trails to assist the planning, development, construction, management, and promotion of recreational trails. Key guiding principles are for trails to be sustainable and accessible. Includes guidance for urban trails including acknowledging that 'people will be more likely to use the trail if well-designed facilities such as parking areas, seating placed at regular intervals, toilets and picnic areas are provided.'

1.2 Strategic Context

<u>Kadaltilla / Adelaide Park Lands Authority</u>

Adelaide Park Lands Management Strategy - Towards 2036

Developed by Kadaltilla/Adelaide Park Lands Authority and sets the strategies, projects and planning considerations that will be used by Kadaltilla/Adelaide Park Lands Authority, the City of Adelaide, the Government of South Australia, cultural institutions, and community stakeholders to guide decisions relating to the Adelaide Park Lands.

Overarching Vision:

Located on Kaurna Yerta, the Adelaide Park Lands support our environment, provide connections to nature and offer places for people to participate in events, cultural experiences, sporting and recreational activities. We will work together to enhance and protect the Adelaide Park Lands for future generations.

The Adelaide Park Lands are a network of connected parks

Strategy 2.1

Improve the Adelaide Park Lands Trail linking all parks and providing a pleasant and convenient cycling and walking route.

Strategy 2.14

Promote the Adelaide Park Lands Trail and enhance to provide greater connections, safer crossings, greening and improved wayfinding with an aim to develop a continuous/unbroken trail linking the Adelaide Park Lands.

Includes Precinct Considerations Plans, providing guidance on existing features, heritage features and future considerations at a precinct scale.

Existing Uses of the Adelaide Park Lands

Legend:
- River Torrens / Karrawirra Pari
- Wetlands / Water Bodies
- Tree Canopy 2022
- Key Biodiversity Areas
- Buildings
- Sports Courts
- Sports Field
- Playspaces
- Adelaide Botanic Garden and Botanic Park
- Adelaide Zoo
- West Terrace Cemetery
- Green Space / Pervious Surface
- Hardstand / Impervious Surface
- Train Corridor
- Horse Depasturing Boundary
- Train Line
- Creeks
- Adelaide Park Lands Trail
- Criterium Track / Pedal Prix Track

Source: City of Adelaide 2024

1.2 Strategic Context

City of Adelaide

Disability Access and Inclusion Plan 2024-2028

A roadmap for how the City will promote inclusion in the community and how people with disability can access the mainstream supports, infrastructure and services.

This project is a direct result from the strategy's goal for 'Infrastructure that helps people move around and navigate the city' and commitment to 'Improve the accessibility of the Adelaide Park Lands through the installation of rest stops and accessible crossings'.

Active City Strategy 2013-2023

Set the direction for the provision of recreation and sport opportunities that support and encourage people to be physically active in the City. Included strategies to establish the Park Lands Trail and 'Support the use of paths and trails with seating, drinking fountains, signage, distance markers and lighting...'

Adelaide Event Guidelines

Provides considerations, maps and key event sites to inform Council and event organisers in the planning for events. This information will help inform the strategy for the Park Lands Trail Rest Stop locations and requirements.

Adelaide Design Manual

Provides future design direction and toolkits for the city's public spaces. Currently awaiting updating pending the review of Council's Transport and Movement Strategy.

Adelaide Park Lands Building Design Guidelines

Provides a toolkit to achieve high performing buildings within the Park Lands that are respectful of their context and foster greater community participation. They set the expectations for the standard of design quality. They will help inform the approach for siting the rest stops appropriately as well as the design of any shade structures proposed.

City Plan - Adelaide 2036

The City Plan is an urban design framework to guide planning for growth within the City of Adelaide to achieve a target population of 50,000 residents by 2036. The plan envisions a Green City Grid, including an enhanced Park Lands Trail 'to provide a continuous walking a cycling loop' with improvements including connections across the river between the CBD and north Adelaide and to inner suburbs and key walking and cycling routes.

National Heritage Management Plan 2023

Helps owners, managers and authorities understand the National Heritage Values of the Adelaide Park Lands and City Layout and specifies how values can be best conserved over time.

Integrated Climate Strategy

Sets the vision for 'a resilient, protected and sustainable city where people can live, work, study and play and adapt to changes in climate...' Most relevantly, it set a target of 109,000m2 of the Adelaide Park Land Trail to be covered by continuous tree canopy.
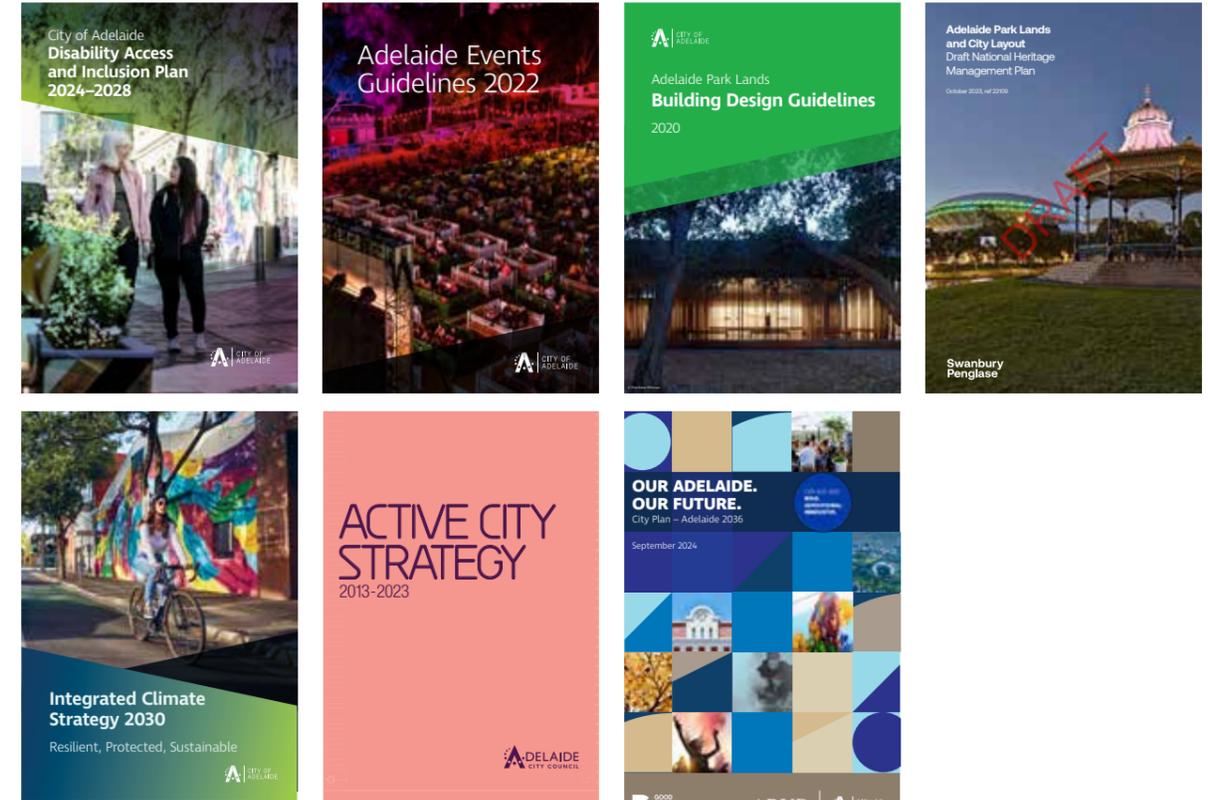
1.2 Strategic Context

City of Adelaide cont.

Adelaide Park Lands Trail Improvement Plan

Prepared by ARUP in 2023

The Plan provides a design standard for the Adelaide Park Lands Trail network to address the recommendations from reviews of the Trail, as well as a forward planning program for implementation of Trail improvements

Connecting the Trail: Creating a legible and connected Trail that is easy to find and follow.

Improving the Trail: Creating a Trail that improves amenity and connectivity focused on high demand locations.

Making a Destination trail: Making the Trail a destination that provides a quality connected and integrated facility for South Australia.

Accessibility for all is about providing a service for people with a range of mobility and disability needs which may include age, mental health, cognitive, visual or hearing loss. A strong focus on providing additional accessibility features should be provided to areas in close walking distance from land uses and to accessibility compliant on-street parking facilities. Accessibility features can vary subject to the amenity and existing facilities provided in the Park Lands but could include:

• Auditory queues and hearing loops as well as accessible online information to allow users with accessibility needs to pre-plan their trip to the Park Lands

• Sensory elements including texture boards and sound pods

• Accessible rest spaces, including providing clear pads next to existing facilities such as park benches, and providing Disability Discrimination Act (DDA) compliant path links to these services from the Trail

• Review opportunities to convert sections of the trail into accessibility loops for people with disabilities including visual and auditory wayfinding elements

• Investigate potential 'Park and Rides'; start points where users might be driving to the Trail and parking to utilise the Trail for commuting and recreation

Adelaide Park Lands Trail Wayfinding Improvement Plan

Continues on from the over-arching Adelaide Park Lands Trail Improvement Plan, providing wayfinding recommendations and suite of signage and applications to enhance the user experience, legibility and connection with surrounding points of interest to encourage greater use of the Park Lands Trail.

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1.2 Strategic Context

Key relevant vision statements, principles and objectives from strategies relevant to the Adelaide Park Lands Trail are represented below.

improving greening equity

safer streets and spaces

future-proofing our urban forest

building nature back in

A resilient and liveable Adelaide for all - Leafier, cooler and more biodiverse

Be design exemplars

Apply a "whole of park" approach

walkability and active travel

Design with sustainability and longevity in mind

Balance the visual impact of built form within the Park Lands

Improve the Adelaide Park Lands Trail linking all parks and providing a pleasant and convenient cycling and walking route.

Celebrate the quality, identity and cultural heritage of the Park Lands

Celebrate the quality, identity and cultural heritage of the Park Lands

Promote the Adelaide Park Lands Trail and enhance to provide greater connections, safer crossings, greening and improved wayfinding with an aim to develop a continuous/unbroken trail linking the Adelaide Park Lands.

Riding is an enjoyable and safe recreational, sport and transport option in South Australia

Activate the Park Lands

Inclusive riding

Accessible riding

Improve the accessibility of the Adelaide Park Lands through the installation of rest stops and accessible crossings

Infrastructure that helps people move around and navigate the city

More people walking more often; all ages, all abilities

Walking infrastructure and networks that are connected and meet the needs of people of all ages and abilities will:... be well signposted, and offer comfort through shade and shelter, drinking water and places to stop and rest.

an enhanced Park Lands Trail 'to provide a continuous walking a cycling loop'

Making a Destination trail: Making the Trail a destination that provides a quality connected and integrated facility for South Australia.

109,000m2 of the Adelaide Park Land Trail to be covered by continuous tree canopy

Connecting the Trail: Creating a legible and connected Trail that is easy to find and follow.

Improving the Trail: Creating a Trail that improves amenity and connectivity focused on high demand locations.

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2.1 Good, Safe, Inclusive Design

As a project driven by accessibility and located within the high-profile Adelaide Park Lands, there is an expectation that the rest stops are high-quality design outcomes that meet best practice design principles. The following pages provide overviews of the key principles from Office for Design and Architecture SA (ODASA), Universal Design and Crime Prevention Through Environmental Design (CPTED). These principles form the basis for the project specific objectives outlined within the Project Visioning section of this report.

ODASA principles of good design

Context

Good design is contextual because it responds to the surrounding environment, and contributes to the existing quality and future character of a place.

Inclusive

Good design is inclusive and universal because it creates places for everyone to use and enjoy, by optimising social opportunity and equitable access.

Durable

Good design is durable because it creates buildings and places that are fit-for-purpose, adaptable and long-lasting.

Value

Good design adds value by creating desirable places that promote community and local investment, as well as enhancing social and cultural value.

Performance

Good design performs well because it realises the project potential for the benefit of all users and the broader community.

Sustainable

Good design is sustainable because it is environmentally responsible and supports long-term economic productivity, health and wellbeing.

Principles of Good Design

OFFICE FOR DESIGN + ARCHITECTURE
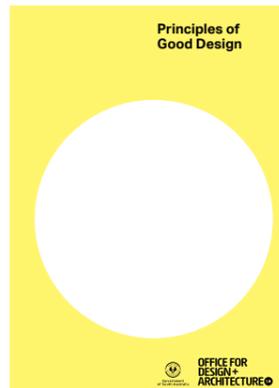
Well-designed places help to build strong communities by respecting the diverse needs and capabilities of everyone.

Accessible and inclusive places make it easy for everyone to engage, offering comfort and safety at all times.

When good design creates a strong sense of belonging, the entire community benefits.

Universal Design

1. Equitable use

2. Flexibility in use

3. Simple and intuitive use

4. Perceptible information

5. Tolerance for error

6. Low physical effort

7. Size and space for approach and use

CPTED

1. Natural surveillance

2. Access control

3. Territorial reinforcement

4. Space management

2.2 Applying Universal Design Principles

1. Equitable use

The design is useful and marketable to people with diverse abilities

- Rest stops grouped/ spaced for usability as rolled out
- Find information ahead of time
- Acoustics
- 'Sensory Reach'
- Colours/ contrast

2. Flexibility in use

The design accommodates a wide range of individual preferences and abilities

- Varying routes/ loops / access points
- Varied seating options + placement
- Quiet stops/ social stops

3. Simple + intuitive use

Use of the design is easy to understand, regardless of the user's experience, knowledge, language skills or current concentration level abilities

- Clearly recognisable suite
- Defined uses of elements

4. Perceptible information

The design communicates necessary information effectively to the user, regardless of ambient conditions or the user's sensory abilities

- Signage options - braille, audio, connection to phone
- Clear and simple wayfinding
- Texture + tactile indicators

5. Tolerance for error

The design minimises hazards and the adverse consequences of accidental or unintended actions

- Generous path widths and clearances between elements
- Furniture design/ selected for safety + comfort
- Sufficient lighting

6. Low physical effort

The design can be used efficiently and comfortably and with a minimum of fatigue

- Provide sufficient number of stops
- Regular/ short intervals between stops
- Low sensory effort (reduced noise, colour, clutter)
- Comfortable seats
- Easily operable drink fountains

7. Size and space for approach and use

Appropriate size and space is provided for approach, reach, manipulation, and use regardless of user's body size, posture, or mobility

- Considered design of furniture
- Arrangement of elements with generous clearance

2.3 Adelaide Park Lands Trail Users

The Adelaide Park Lands Trail should be designed to attract and be comfortable for all members of the community. The diagrams below start to brainstorm the broad array of people and movement modalities that need to be considered in the design of the Adelaide Park Lands Trail rest stops.

MOBILITY

commuters   leisure   families/children   park run

dog walking   people walking   exercise

women

recreation cyclists-lycra   leisure cyclists   tourists

commuters   family bikes/trailers/cargo bikes   prams   people running

e-bikes   people on bikes/wheels   scooters   people using mobility aids   wheelchairs motorised/non-motorised

hand cycles   e-scooters   skate boards   mobility scooters

tourists   rollerblades/skates

BMX   people doing jobs - posties, couriers, emergency services   recumbent bikes   walkers   assistance dogs

DIVERSITY

First Nations - Aboriginal and Torres Strait Islander people   marginalised groups   women   migrants

LGBTIQA+ people   asylum seekers

elderly people   unhoused people/ people sleeping rough   mental illness

families/children   psychosocial   physical

memory

school groups   multicultural   people with disability   mental

tourists   cognitive

all ages   learning   intellectual

all abilities   understanding   sensory

speech   hearing

sight

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2.4 Types of rest

The Adelaide Park Lands Trail rest stops have the potential to offer a broad range of rest experiences, supporting community wellbeing.

meaning
active
stretching
connecting
purpose
passive
scent
sitting, stopping
Spiritual
sounds
drink
Physical
views
food
comfort
Sensory
nature
calm
types of rest
for wellbeing
beauty
quiet
Creative
views
meditation
Mental
inspiration
sheltered
learning
safe
intrigue
talking
Emotional
Social
connecting
listening
hobbies
alone
fun
small groups
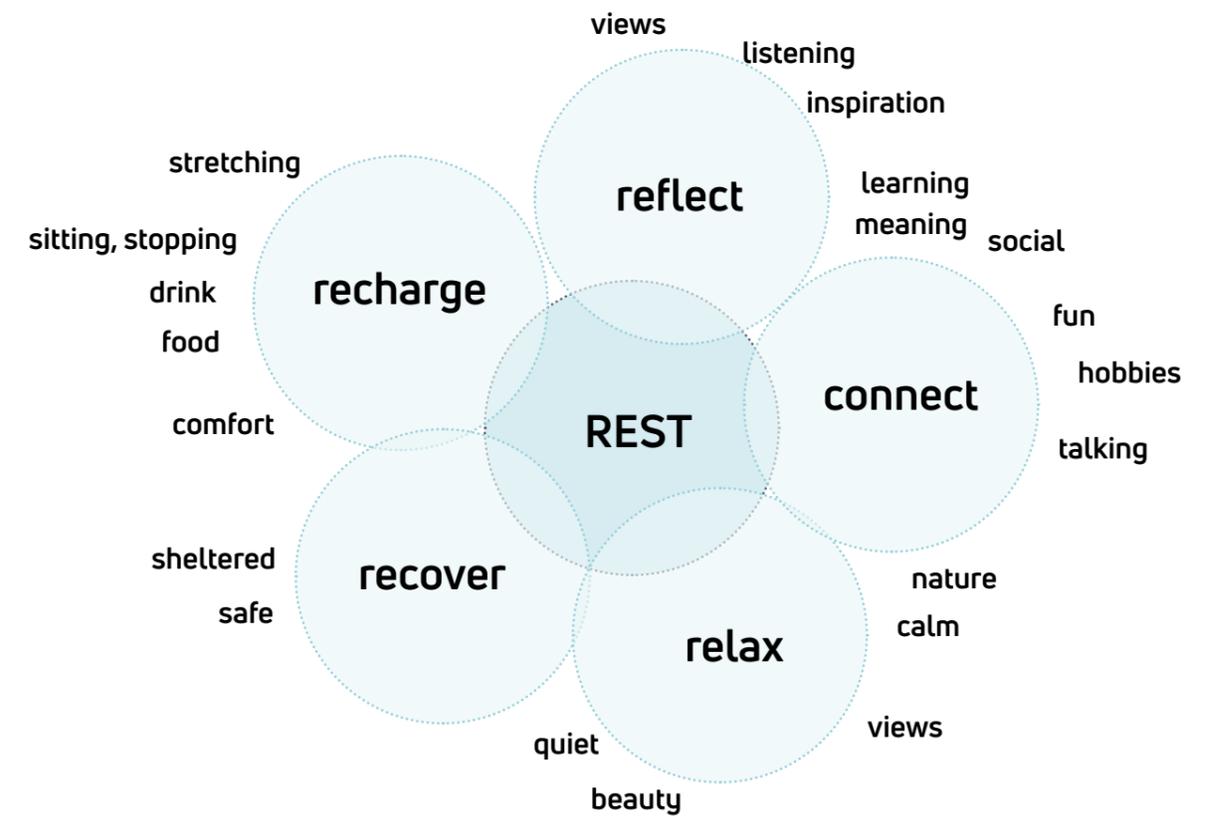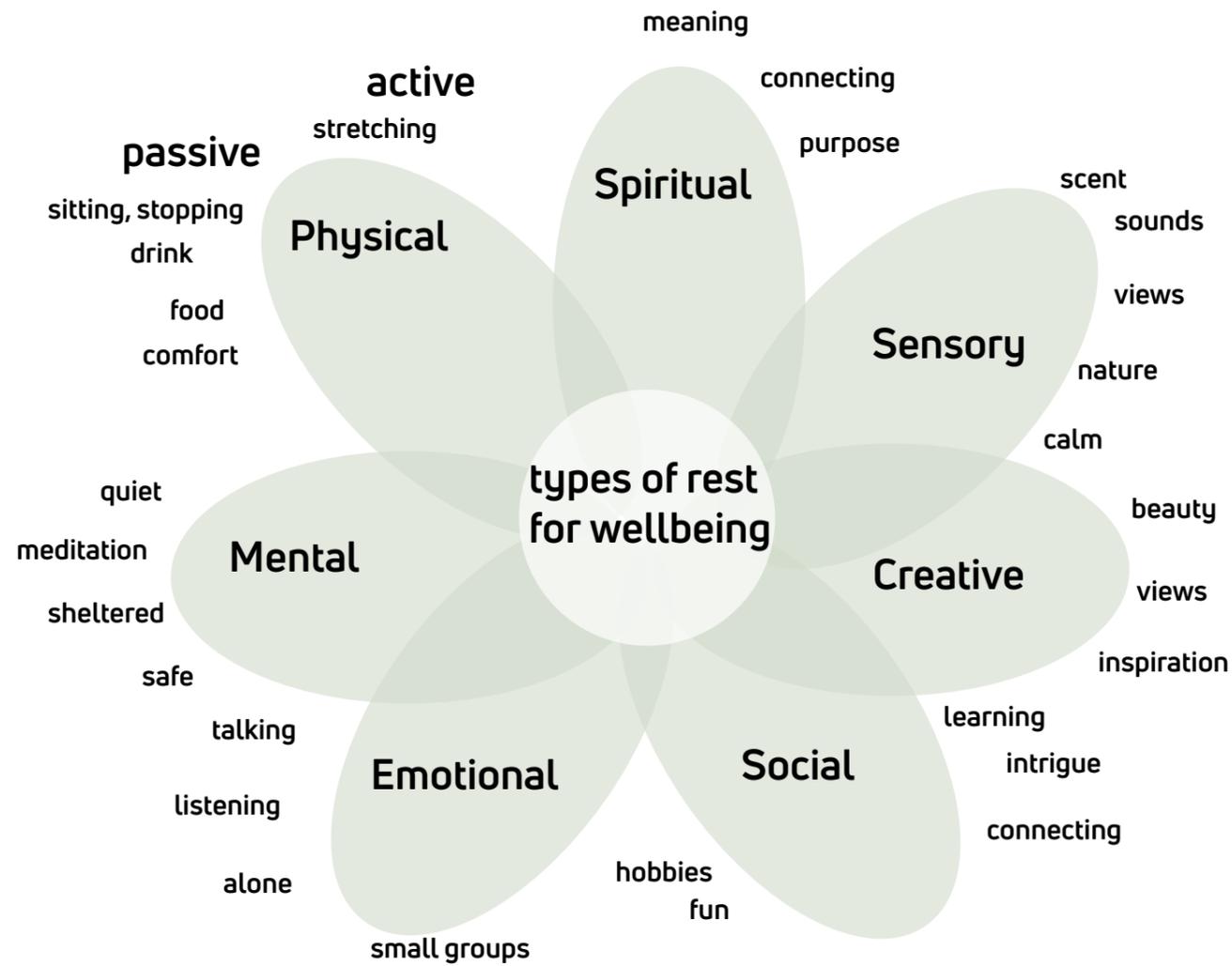
Saundra Dalton-Smith MD physician, researcher and the author of the book "Sacred Rest: Recover Your Life, Renew Your Energy, Restore Your Sanity."

views
listening
stretching
inspiration
sitting, stopping
reflect
learning
meaning
social
drink
recharge
food
fun
hobbies
comfort
connect
REST
talking
sheltered
recover
nature
safe
calm
relax
views
quiet
beauty

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2.5 Distance Bench Marking

Below is a representation and overview of key best practice recommendations for distances between rest opportunities sourced through a literature review of relevant Australian Standards, design guidelines and previous recommendations for the Adelaide Park Lands Trail. Many of the reviewed guidelines and strategies for recreational and walking trails recommend providing opportunities for rest at 'regular intervals', however few provided specific best-practice distances.

400m is a 5 minute walk, on average

'Adopt standard spacings for seats (every 400m) and bins (every 400m) along the Trail' Adelaide Park Lands Trail Improvement Plan 2023

'Destinations are the most elemental aspect of walking for transport. Put simply, people need destinations within walking distance to be able to walk. Locating destinations within 400 metres is ideal, because walking is likely to be at least as quick as driving over this distance.' victoriawalks.org.au

'In areas of high use by people with ambulatory disabilities, such as areas frequented by elderly people, seats should be provided no more than 60 m apart alongside paths of travel.' **AS 1428.2**

For a walk to be considered accessible, rest areas should be available every 300m.

Toolkit to Success: Accessible Walks Scheme (Northern Ireland)

1.6km is a 20 minute walk, on average

'Install bicycle pumps or repair stations at major activity nodes along the Trail' Adelaide Park Lands Trail Improvement Plan 2023

0m   100m   400m   800m   1600m

'An aging population, for example, requires enough seats to break a journey into manageable walking distances, and protected positions that feel safe for sitting.

A good rule of thumb for a good city is that suitable places to sit should be located at regular intervals, for example, every 100 metres,' Jan Gehl 2017 (foreground.com.au)

'Adopt standard spacings for water fountains/refill stations (every 800m) along the Trail' Park Lands Trail Improvement Plan 2023

'Seating should be provided at regular intervals along access routes and, wherever possible, in conjunction with changes in level such as external steps and ramps. In recreational or countryside environments, seating should be located in sheltered places and where people can enjoy a good view.' Centre for Excellence in Universal Design - Building for Everyone: A Universal Design Approach

| Table 1.1 Recommended maximum distances without rest	
Users	**Distance (metres)**
People with visual difficulties	150
People using wheelchairs	150
People who are ambulatory without walking aids	100
People using walking sticks or mobility aids	50

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3.1 Experiences and Destinations

Biodiversity and revegetation

Bush Magic playground

Park Terrace Community Garden

Glover Playspace "Helicopter Park"

heritage listed olive groves

Adelaide Aquatic Centre

Sports fields & courts

Horse paddocks and bridle track

Bundey's Paddock

North Adelaide Dog Park

Narnungga Urban Forest

Sports fields & courts

archery

Karrawirra Pari River Torrens

Adelaide Zoo

Botanic Park

Bonython Park Playground + Cafe

Old Adelaide Gaol

Botanic Gardens

Rymill Park + Lake

City Skate

Sports fields & courts

Glover East Playground

Wirrarninthi Wetlands

Sports Fields

Sports Fields

Cafe

Criterium Track

community garden

Glover Playground

Marshmallow Park

Himeji Gardens

Sweat Track + Fitness

Princess Elizabeth Playground

West Terrace Cemetery

Veale Gardens

Biodiversity Area

Tree Climb

Sports Fields

Wetlands + South Park Lands Creek

Netball Courts

BMX Track

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3.2 Distance and Destinations

North West Park Lands
City Skate to Bonython Park
Approx 2.0 KM (One Way)

Walk 30-35 mins
Run 12-15 mins
Cycle 8-10 mins
Wheelchair 25-40mins

START   0.5KM   1KM   1.5KM   2KM
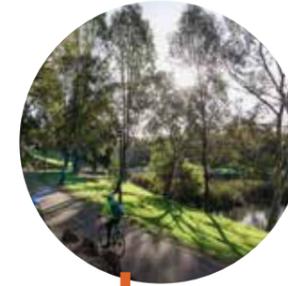
East Park Lands
Botanic Park to Rymill Park
2.5 KM (One Way)

Walk 35-45 mins
Run 15-18 mins
Cycle 10-12 mins
Wheelchair 30-50 mins

START   1KM   2KM   2.5KM

South Park Lands
Victoria Park to Princess Elizabeth Playground
4 KM (One Way)

Walk 60-70 mins
Run 25-35 mins
Cycle 15-20 mins
Wheelchair 40-70 mins

START   1KM   2KM   3KM   4KM

3.3 Existing Condition

There are many existing seats and rest stops along the Adelaide Park Lands Trail of varying quality, level of accessibility, age and style. The strategy and design for future rest stops will build upon the success and learnings from the various previous iterations and consider their replacement and/or supplementation.

The heritage style green willow benches are located along the Adelaide Park Lands Trail in varying arrangements and applications. The bench itself does not meet Disability Discrimination Act standards with its narrow depth and sloping arm rest. Some benches have been integrated into newer rest stops and are more accessible than others that are placed without connected hardstand to the Trail.

There are many singular benches alongside the Trail without compliant path to access them.

Benches are regularly placed, staggered with bins, along Veale Gardens South Terrace address.

Pavement pads for many willow seats have level changes or are stepped back from the path and create accessibility challenges.

Willow benches integrated into rest stops adjacent new facilities (Park 25). Arrangement of elements are not disability inclusive.

In newer sections of the Trail (parallel to Barton Tce), willow seats are placed at regular intervals with connected and level pavement pads.

Niches along the riverbank in Bonython park provide a scenic view to the river, however do not protect users from the traffic of the Trail.

Benches arranged in circular pavement treatment, with adjacent bike racks and intersected by the Trail.

Willow bench arranged with bin, drink fountain and toilets with generous circulation pavement provides rest stop co-located with train access and Park 27B facilities.

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3.3 Existing Condition

The early 2000s curved timber benches and exposed aggregate hardstand, most often in a semi-circular arrangement have been dotted along the Trail, often with a bin, drink fountain and sometimes bike racks. See section 7.8 and 7.9 for concept examples for retrofitting to align with proposed rest stops design.

Drink fountain and bike rack provided in close proximity to public toilets (Edwards Park/ Park 23).

Drink fountain located off main pavement pad creates accessibility challenges.

Common arrangement with bench located in close proximity to bin.

While benches provide flexibility to sit and view out from either side, they are not Disability Discrimination Act (DDA) compliant.

Some BBQs, picnic settings and shelters are in close proximity to the Trail, varying in their design quality/ age and accessibility.
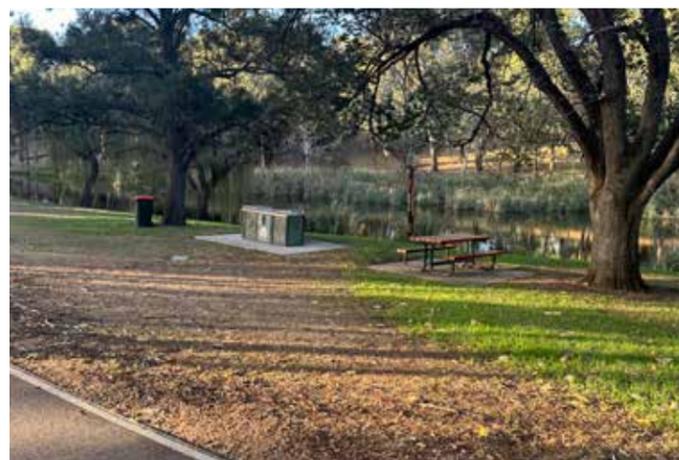
Scenic location for a rest along side the Karrawirra Pari, however no accessible path provided.

Sheltered picnic setting and BBQ in close proximity to the Trail at Mary Lee Park (Park 27B), however BBQ not DDA compliant.

Shade structure and picnic settings look out onto Model Boat Pond in Bonython Park / Tulya Wardli / Park 27 - no accessible pathway connection provided from the Trail.

BBQ and picnic settings within Bonython Playground are not DDA compliant or accessible.

3.3 Existing Condition

More recent park facility projects and upgrades located along the Adelaide Park Lands Trail often provide quality rest stops and act as precedents for future rest stops

Gateway treatment at Hutt Road provides benches, drink fountain, wayfinding, lighting, planting and integrated artworks with high quality pavement treatment.
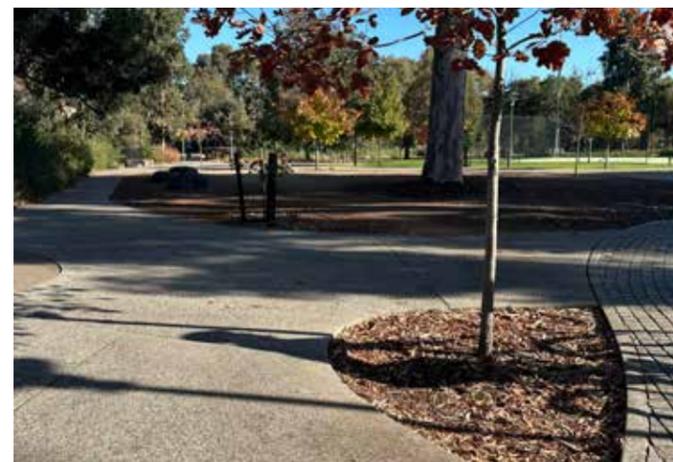
Pelzer Park / Pityarilla (Park 19) entry plaza provides cues to materiality and integration of informal seating and artwork.
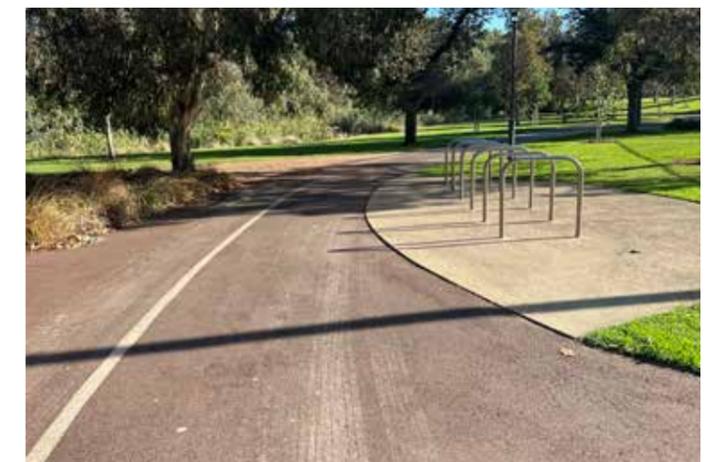
Generous circulation pavement provided for bike racks in Pityarilla.

Some BBQs, picnic settings and shelters are in close proximity to the Trail, varying in their design quality/ age and accessibility.

Arrangement of shelters, seating options and other furniture elements amongst recreation facilities at Mary Lee Park offers a precedent for medium to large scale rest stops.

Alternate seating arrangement, picnic settings and shelters provide quiet rest stop environment at the Deceased Workers Memorial Forest.

Boulders create informal seating opportunity in autumn golden hour sun.

Iguana Creative/ Oxigen designed seats in Victoria Park / Pakapakanthi (Park 16) offer DDA friendly seating option (although ground surface not always provided for this).

3.4 Existing Materials

While the Adelaide Park Lands Trail journeys through many varied landscape characters throughout the Park Lands, some materials in varying applications repeat often enough to begin to form a consistent and recognisable palette.

4.1 Vision, Principles + Objectives

VISION

Adelaide Park Lands Trail Rest Stops:

Encourage greater and diverse use of the Adelaide Park Lands Trail

Principle 1

Are inclusive and accessible: designed for everyone

1.1 Designed to Universal Design principles

1.2 Designed to Crime Prevention Through Environmental Design (CPTED) principles

1.3 Strategically located for easy access and to support existing/future Park Lands facilities

1.4 Culturally respectful, inclusive and celebratory - appropriate to specific locations

Principle 2

Are design exemplars

2.1 Appropriately scaled for use and context

2.2 Clearly identifiable and legible: part of a suite/ brand

2.3 Environmentally responsive/restorative

Principle 3

Offer a unique experience

3.1 Respectful and reflective of their unique Park Land setting and character

3.2 Are varied and provide distinct experiences

3.3 Provide a journey of 'discoverable' moments

Principle 4

Support community wellbeing

4.1 Offer curated moments of rest, reflection and connection

4.2 Encourage active transport and exercise

4.3 Bring people and communities together

Principle 5

Are designed and built to last

5.1 Use robust materials and finishes for durability and to minimise whole of life costs

5.2 Prioritise sustainable, recycled, low carbon and locally sourced materials,

5.3 Require minimal maintenance input and age gracefully

5.4 Deter graffiti and vandalism

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5.1 Rest Stop Hierarchy Matrix

This matrix considers type of rest experiences against distance to provide a hierarchy of rest stop sizes/ types. Considerations for types of activities, experiences and amenities have been listed below each rest stop category.

Rest Type	Distance	100m	400m	800m	1.6km	3.2km	6km
Recharge		**BREATHER** DDA compliant seat provided in strategic (higher use) portions of trail	**PAUSE** Small in size Seat + bin every 400m Drink fountain every 800m Opportunity for bike/ pram to pull off path				**STAY/START** Larger size Connected to building/facility/ destination
Recover					**BREAK** Medium in size Some connected to facilities/ buildings		Connected to car parking
Relax					Also includes shade/shelter BBQ + bike racks		Trail head - entry to the trail signage
Reflect					Sometimes adds an element of play/activity		Community/ educational events opportunity Toilets
Connect					Tech- perhaps phone charging Maybe toilets		Tech - consider counters and event plug + play

5.2 Hierarchy: Breather

- Distance: Every 50 - 100m

- Rest time: 5mins

- Size: Mini

- Experience: Opportunity to safely pull off the path for a quick recharge/ recover

- Furniture and elements: Informal seating or 1 seat with back and arm rest

- Wayfinding: Bollard

- Lighting: Path lighting

- Approx. budget: $10-15k

5.3 Hierarchy: Pause

- Distance: Every 400m (average 5min walk)

- Rest time: 15mins

- Size: Small

- Experience: Recharge, recover, relax: a pause in a journey to sit, have a drink, snack

- Furniture and elements: Seating, bin, drink fountain/bottle fill (every second Pause stop)

- Wayfinding: Pole box, post mounted direction sign

- Lighting: Path lighting, additional post-top lighting

- Approx. budget: $20-40k (not including toilet upgrades)

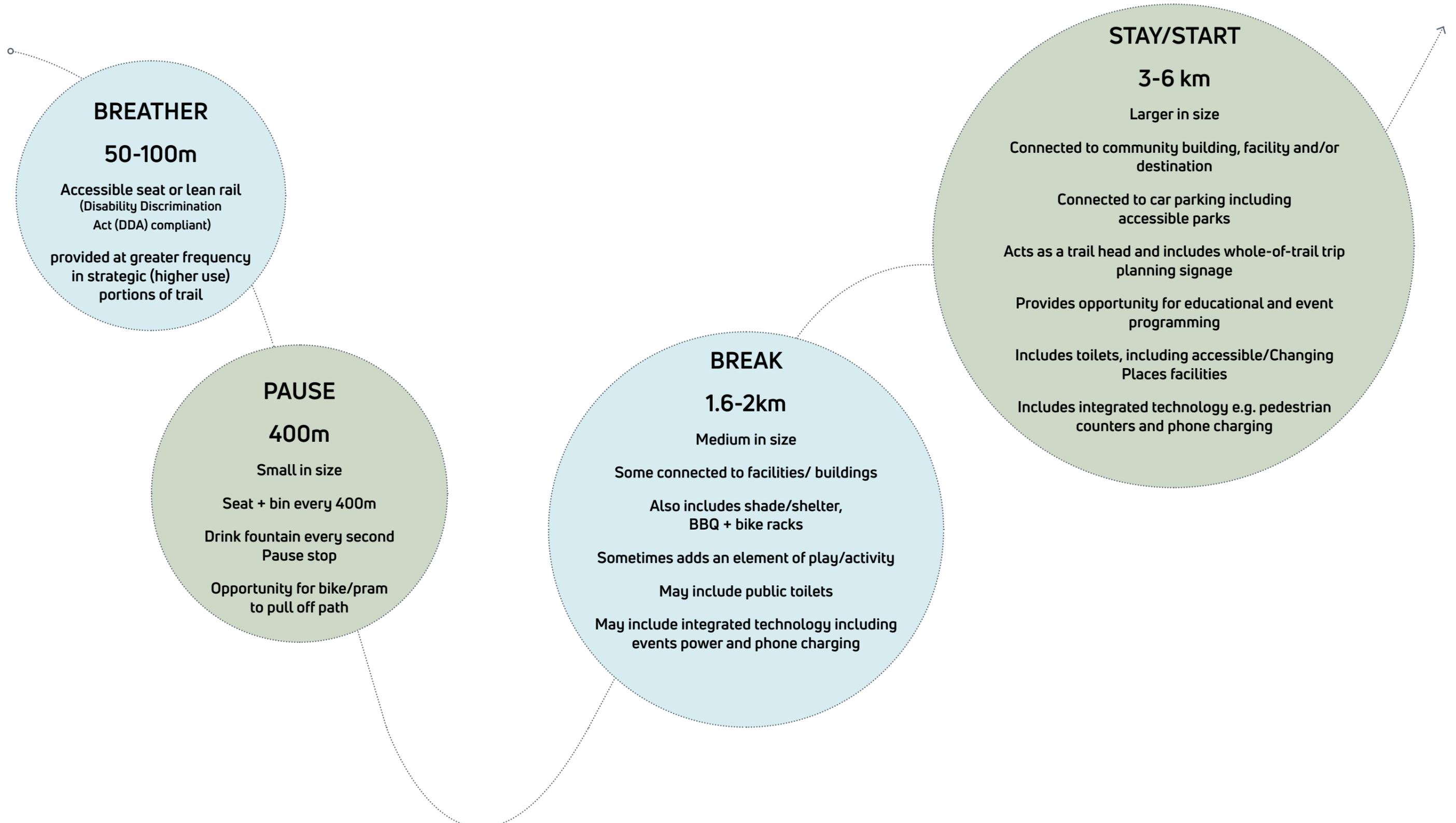- Co-location opportunities: Public toilets, path intersections, public transport

5.4 Hierarchy: Break

- Distance: Every 1.6-2km (average 15-25min walk)

- Rest time: 20-45min

- Size: Medium

- Experience: Recharge, Relax, Reflect, Connect: Opportunities to stop for lunch, socialise, play

- Furniture and elements: Seating options, picnic setting, bins, drink fountain, shelter, BBQ, toilets, bike racks

- Wayfinding: park lands plinth, interpretive

- Lighting: Path lighting, additional post-top, integrated (shelter/seating)

- Co-location opportunities: Public toilets, community/sports buildings, playgrounds, car parking

- Approx. budget: $40-60k (not including buildings/toilets)

5.5 Hierarchy: Stay / Start

- Distance: Every 3-6km (average 35-70min walk)

- Rest time: 20-45min

- Size: Large

- Experience: Recharge, Relax, Reflect, Connect: Opportunities to stop for lunch, socialise, play, learning and education, community programs, events

- Furniture and elements: Seating options/ larger seating structures (eg. terraces), picnic setting, bins, drink fountain, bike racks, shelter, BBQ, toilets (changing places?), kiosk/cafe

- Wayfinding: park lands plinth, interpretive, trail head/'welcome to the Adelaide Park Lands Trail' signage

- Lighting: Path lighting, additional post-top, integrated (shelter/seating), building lighting

- Co-location opportunities: Public toilets, community/sports buildings, playgrounds,car parking, major destinations, future hubs

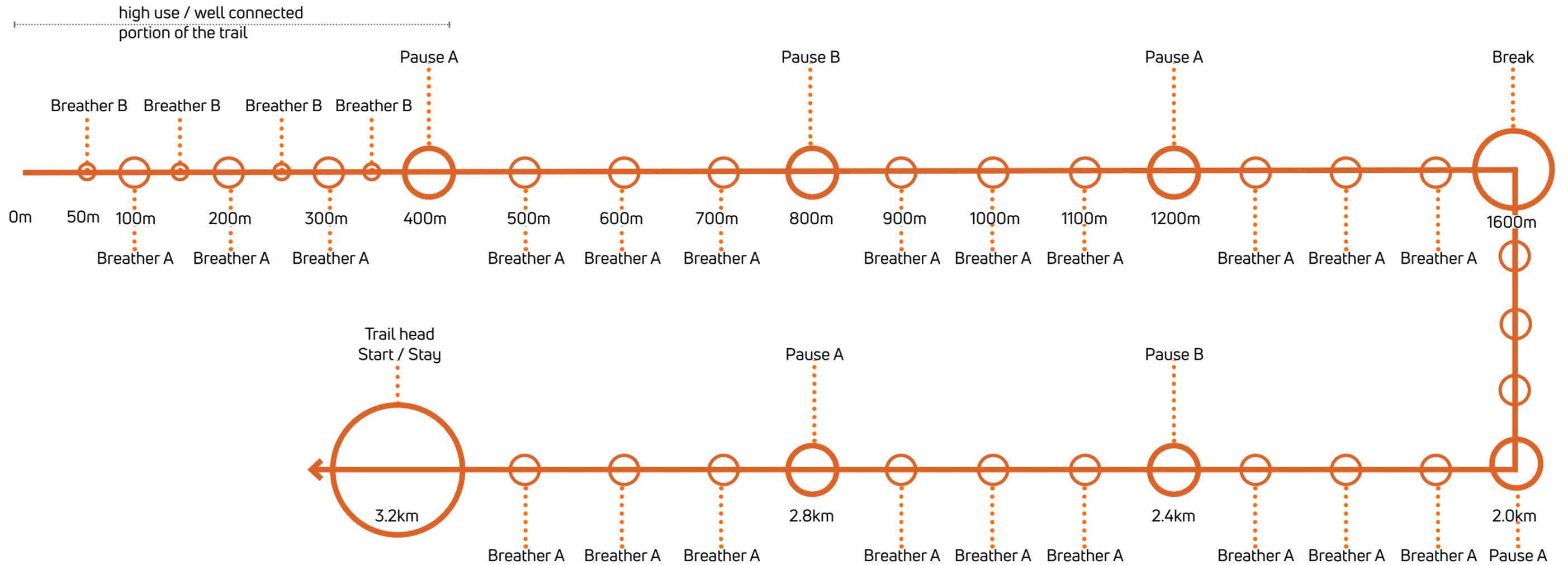CITY OF ADELAIDE

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GREEN SPACE

5.6 Rest Stop Hierarchy Overview

Developed through benchmarking and review of relevant standards and projects, with a focus on inclusion and accessibility for all, a hierarchy of four Adelaide Park Lands Trail rest stops have been developed.

BREATHER

50-100m

Accessible seat or lean rail
(Disability Discrimination
Act (DDA) compliant)

provided at greater frequency
in strategic (higher use)
portions of trail

PAUSE

400m

Small in size

Seat + bin every 400m

Drink fountain every second
Pause stop

Opportunity for bike/pram
to pull off path

BREAK

1.6-2km

Medium in size

Some connected to facilities/ buildings

Also includes shade/shelter,
BBQ + bike racks

Sometimes adds an element of play/activity

May include public toilets

May include integrated technology including
events power and phone charging

STAY/START

3-6 km

Larger in size

Connected to community building, facility and/or
destination

Connected to car parking including
accessible parks

Acts as a trail head and includes whole-of-trail trip
planning signage

Provides opportunity for educational and event
programming

Includes toilets, including accessible/Changing
Places facilities

Includes integrated technology e.g. pedestrian
counters and phone charging

5.7 Example Rest Stop Order

The diagram below provides an example of the order, distance between and rest stop type for a portion of the trail. The distances provided are a guideline, with exact distances between rest stops also relying on context and co-location opportunities.

5.8 Hierarchy Table

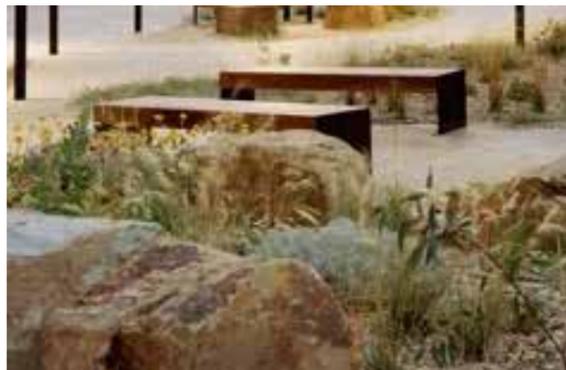| Rest Stop Type	Approx. Distance Between	Furniture + Elements	Co-location Opportunities	Examples of Supporting Uses
Breather A	50-100m (alternating with rail)	• Accessible (Disability Discrimination Act (DDA) compliant) seat with back and arm rests	could be strategically applied at 50m intervals for high use portions of the trail (existing or envisaged)	
Breather B	50-100m (alternating with seat)	• lean rail	could be strategically applied at 50m intervals for high use portions of the trail (existing or envisaged)	
Pause A	400m	• DDA compliant seat with back and arm rests • bin enclosure (landfill bin) + dog bag dispenser • wayfinding bollard • post-top light	• sports fields • existing shade trees • existing playgrounds	
Pause B	800m	• DDA compliant seat with back and arm rests • bin enclosure (landfill bin) + dog bag dispenser • drink fountain with bottle fill and dog bowl • wayfinding bollard or post sign • post-top light Optional/ location dependent • bike rack(s) • interpretive signage • additional seating	• road crossings (offering gathering zone) • sports fields • existing shade trees • existing playgrounds	Natural: bee/insect hotels, native re-vegetation areas, Water Sensitive Urban Design (WSUD) Playful: outdoor exercise/stretching equipment Cultural: interpretive signage, integrated art Formal: formal garden plantings
Break	1.6-2km	• DDA compliant seat(s) with back and arm rests • 2 x bin enclosures (landfill + recycling bin) + dog bag dispenser • drink fountain with bottle fill and dog bowl • 3 x bike racks • shelter/shade structure • DDA compliant BBQ (single or double) • DDA compliant picnic setting(s) • additional seating area(s) (group seating, platform, singular seating, seats facing one another) • park lands plinth or post sign, interpretive • post-top light(s), integrated lighting Optional/ location dependent • phone charging, events power/water	• road crossings (offering gathering zone) • sports fields • shade trees • playgrounds • existing or proposed toilets • existing or proposed community/ sports buildings • public transport stops	Natural: bee/insect hotels, native re-vegetation, WSUD, nature play, yarning circle, integrated art Playful: outdoor exercise/stretching equipment, nature play, table tennis, irrigated lawn Cultural: interpretive signage, integrated art, learning areas, irrigated lawn Formal: formal garden plantings, irrigated lawn
Stop/Start (Trail head)	3-6(+)km 3-4 across trail	• DDA compliant seat(s) with back and arm rests • 2 x bin enclosures (landfill + recycling bin) + dog bag dispenser • drink fountain with bottle fill and dog bowl • 3(+) x bike racks • shelter/shade structure(s) • new toilets (including Changing Places facilities with Master Locksmiths Access Key (MLAK)) • DDA compliant BBQ(s) (single or double) • DDA compliant picnic settings • additional seating area(s) (group seating, platform, singular seating, seats facing one another, amphitheatre) • bike maintenance/ repair stand • trail head signage, interpretive signage • post-top light(s), integrated lighting • phone charging, events power/water	• sports fields • shade trees • playgrounds • car parking • public transport • existing or proposed community/ sports buildings	Natural: bee/insect hotels, native re-vegetation, WSUD, nature play, yarning circle, integrated art, learning hub, storage for environmental volunteer groups Playful: outdoor exercise/stretching equipment, nature play, table tennis, irrigated lawn Cultural: interpretive signage, integrated art, learning areas, irrigated lawn, learning hub Formal: formal garden plantings, irrigated lawn, event space

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6.1 Landscape Character Categories

Based on the grouping of similar landscape areas, as categorised within the Adelaide Park Lands Management Strategy, rest stop characters have been grouped into four characters. Determined by proposed rest stop location, these characters will drive materials, furniture and planting selection and opportunities for artwork, cultural narratives/interpretation and supplementary activities (e.g. play, learning, events) for the rest stop(s).

FORMAL

Urban Address/ Formal Park

NATURAL

Key Biodiversity Area

Woodland/ Grassland

Riparian/ Wetland

PLAYFUL

Playspace

Sports + Recreation

CULTURAL

Cultural

Major Destinations

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6.2 Character Precedents

Natural

Playful

6.2 Character Precedents

Cultural

Formal

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7.1 Key Design Considerations
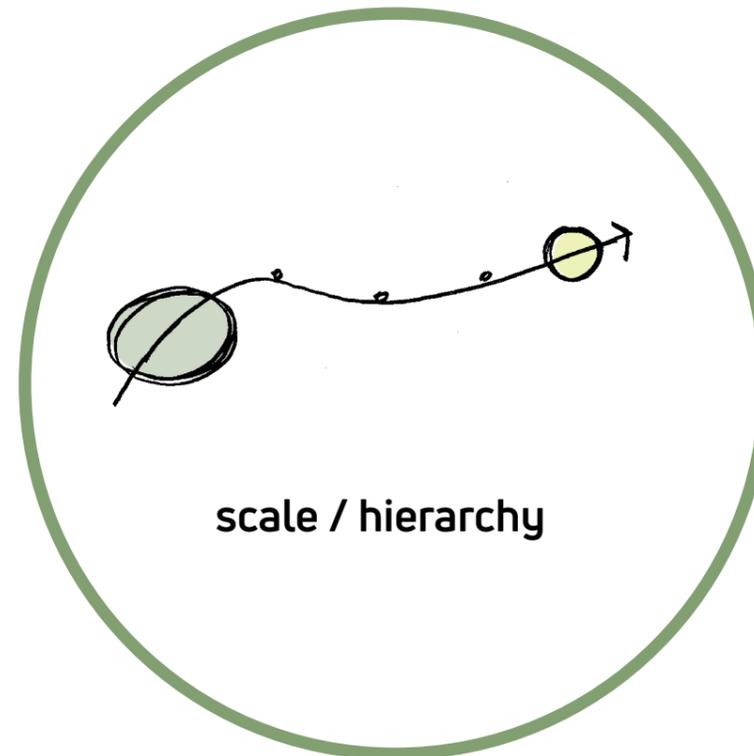

location / landscape character


scale / hierarchy

orientation / siting
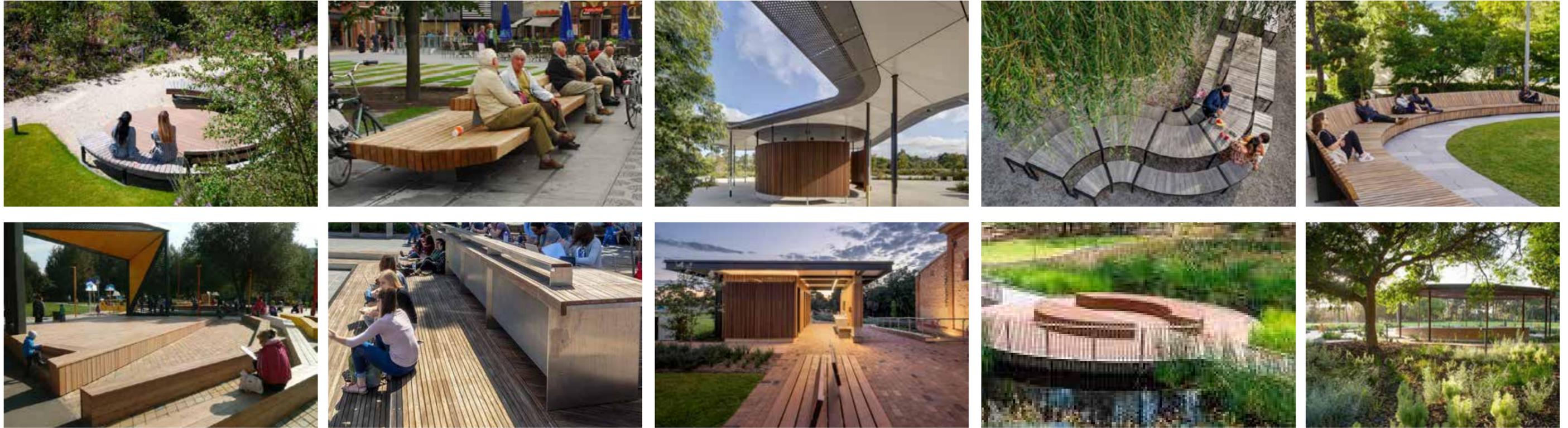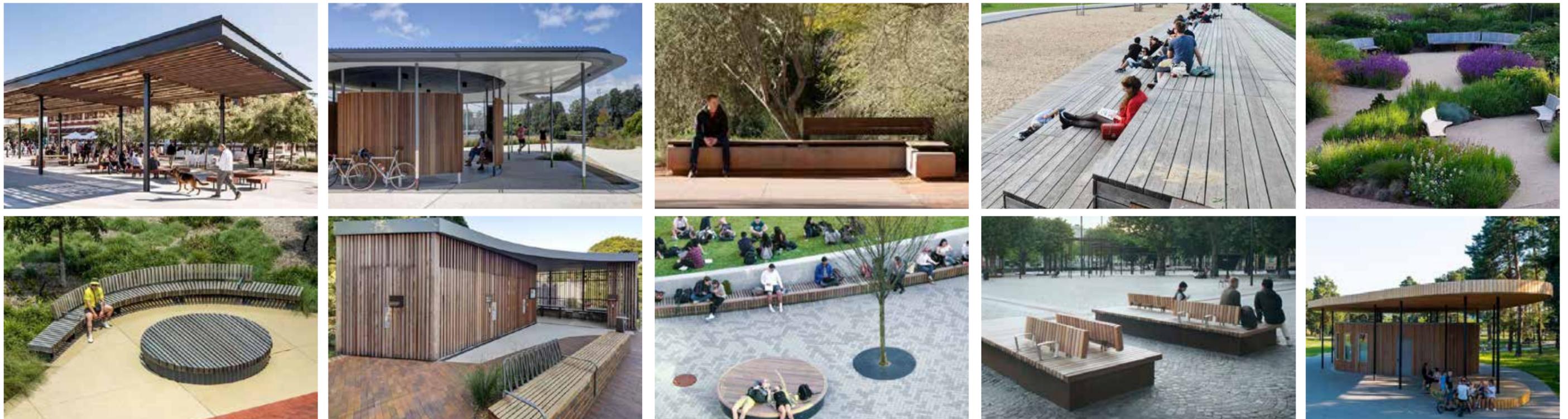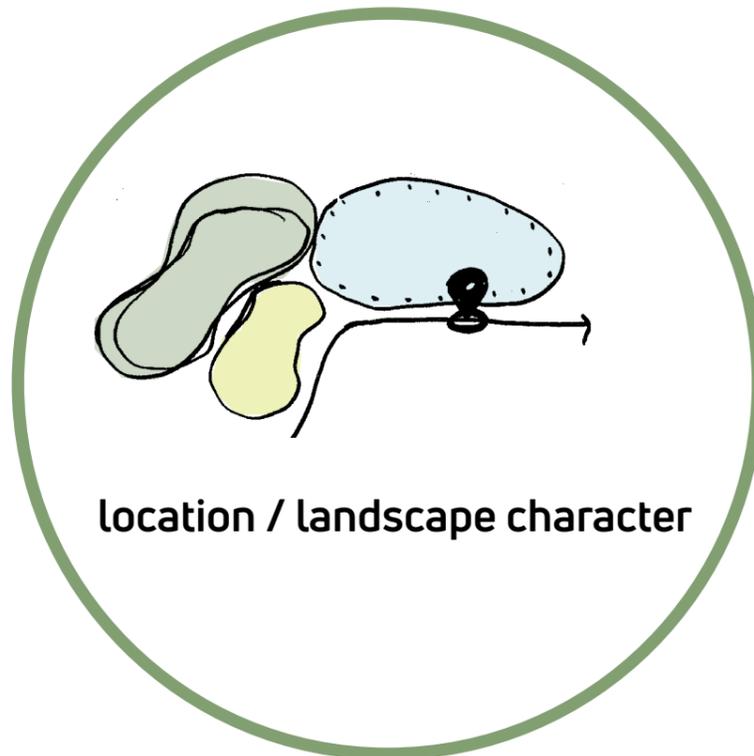
What is the landscape character of the proposed rest stop(s) location? - This will inform rest stop character, material and plant selection and opportunities for appropriate supporting activities.

Are there any existing rest stops near by? - This will help determine the type of rest stop(s) required and their sequencing.

Are there other destinations or connections close to the proposed rest stop? - This may help inform the choice of rest stop type through considering co-location opportunities and supporting adjacent uses with amenities.
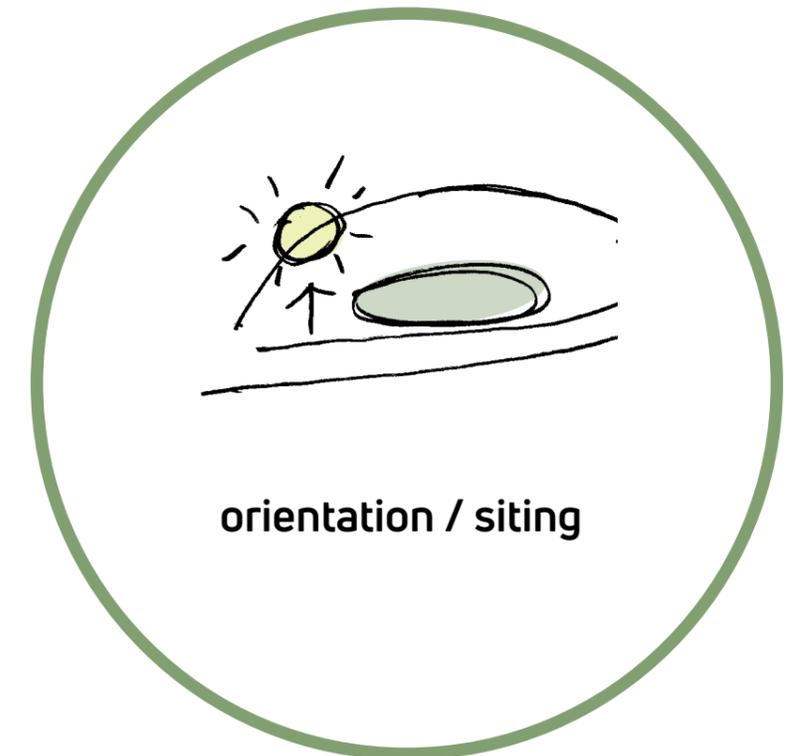
What side of the Adelaide Park Lands Trail is best suited for a rest stop in this location?- Analysis of the site including: existing topography; landscape and urban features; views; safety; and orientation will inform the siting of a rest stop.
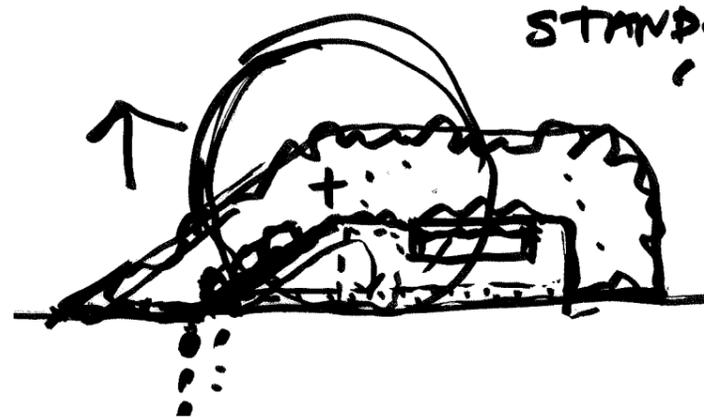
Where is north? How is this rest stop oriented? - This will inform the design of the rest stop(s) including seat, tree and shelter placement to maximise summer shade.
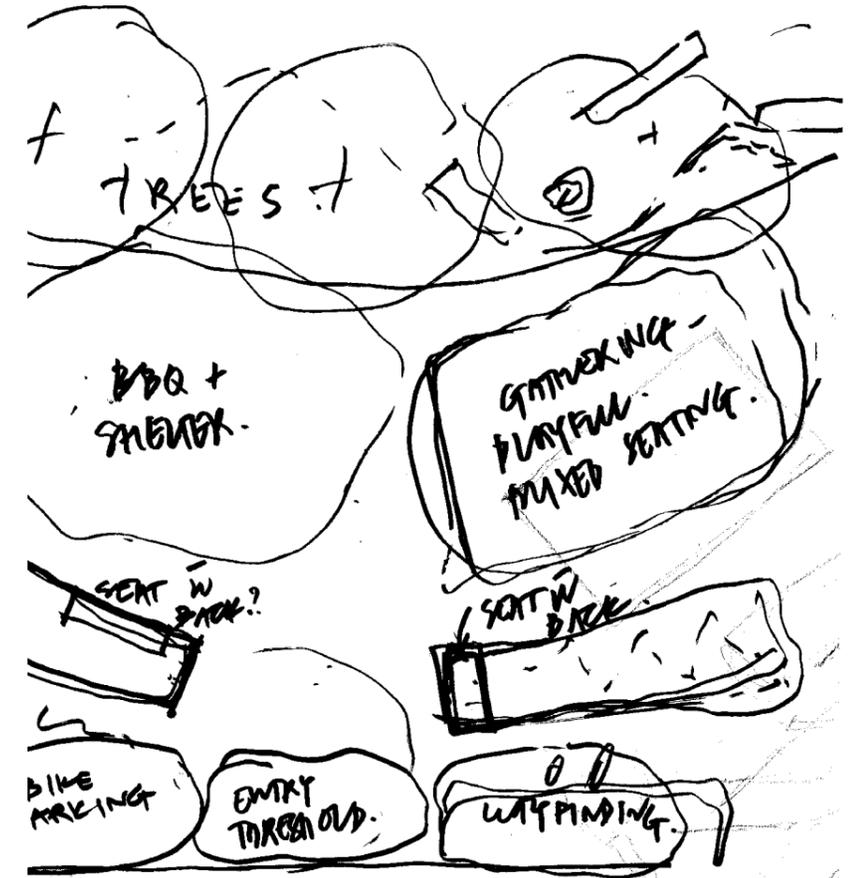
7.2 Sketch Development

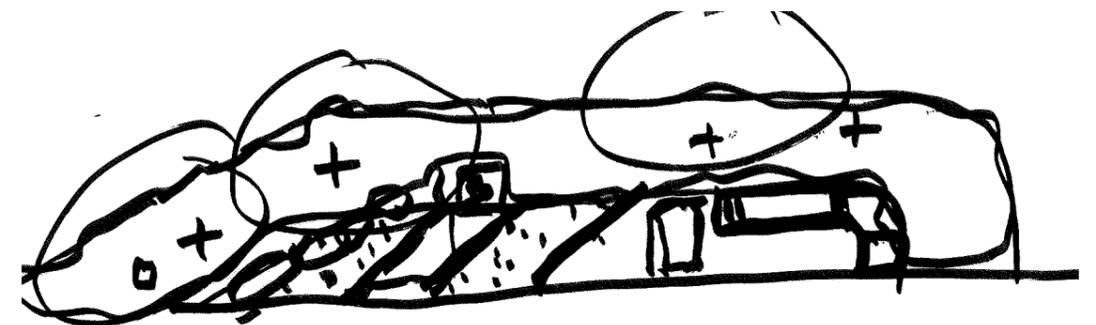'an invitation off the path'

a kit of parts

shelter, shade, noise buffer
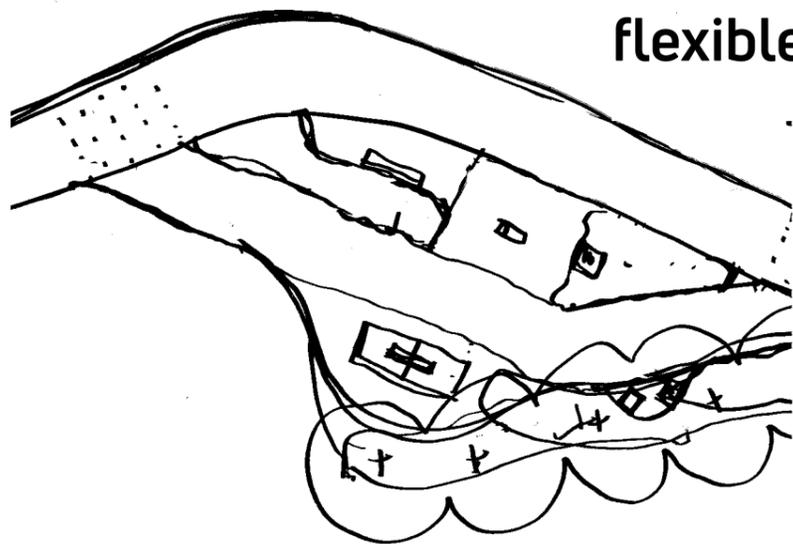
7.2 Sketch Development

scale-able
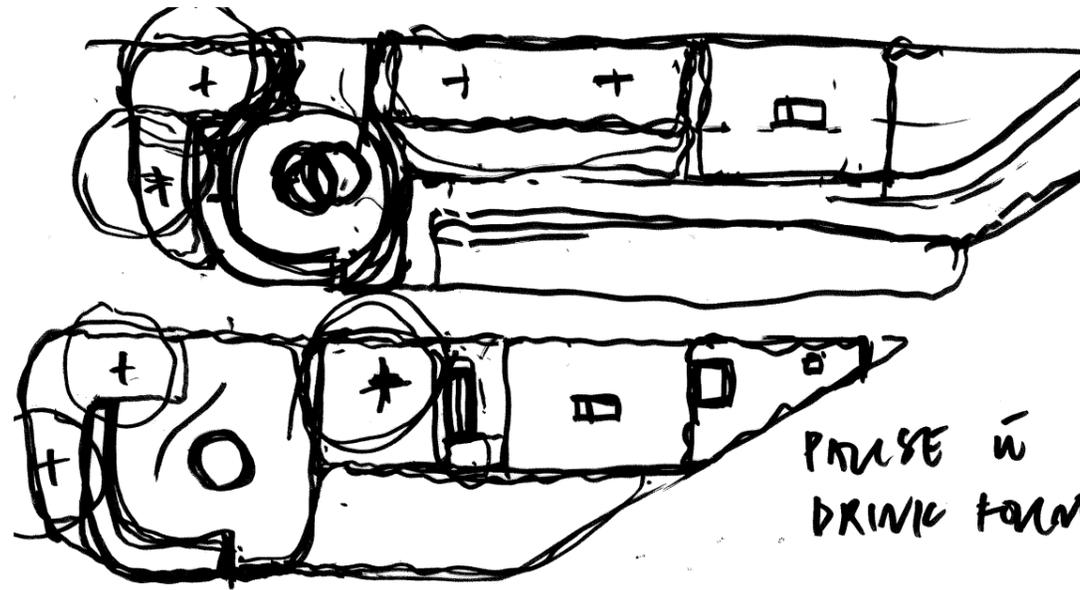
PAUSE IN DRINK FOUN

flexible

SHADE TREE.

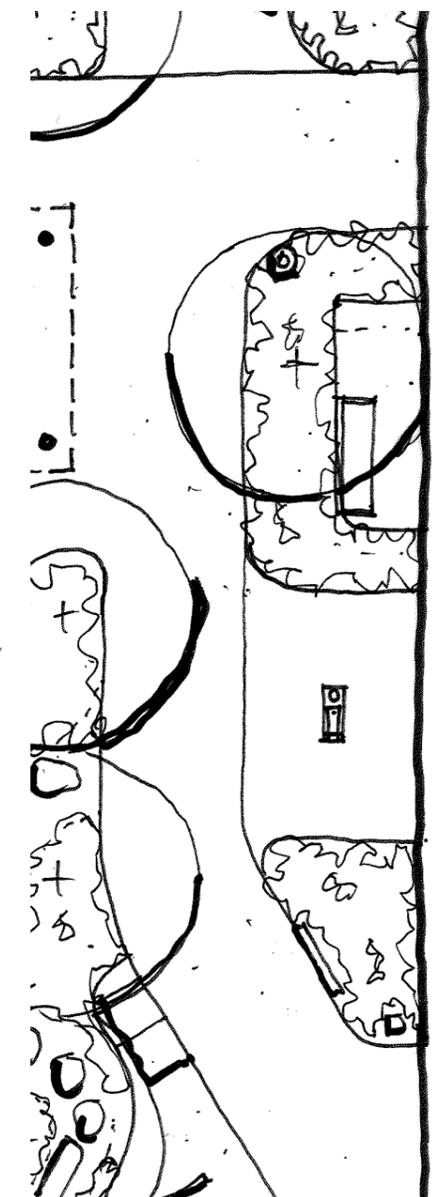SEAT IN BACK + ARM RESTS.

SINGLE BIN.

PICYLE PULLOVER.

INFORMAL ROCK SEATING.
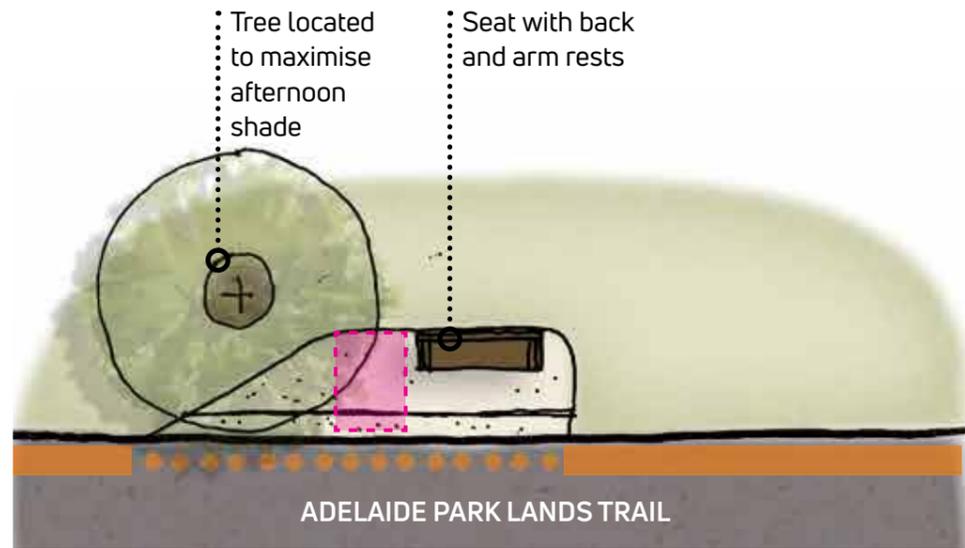
WAYFINDING BOLLARD.

SPACE FOR WHEEL CHAIR/ PRAM ETC.

HARD STAND EG. EX. R4 CONC

COMPACTED GRANITIC SAND.

appropriately oriented/ sited

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7.3 Breather rest stop A + B

Tree located to maximise afternoon shade

Seat with back and arm rests

ADELAIDE PARK LANDS TRAIL

PLAN: BREATHER A - SEAT

Tree located to maximise afternoon shade

Lean rail

ADELAIDE PARK LANDS TRAIL
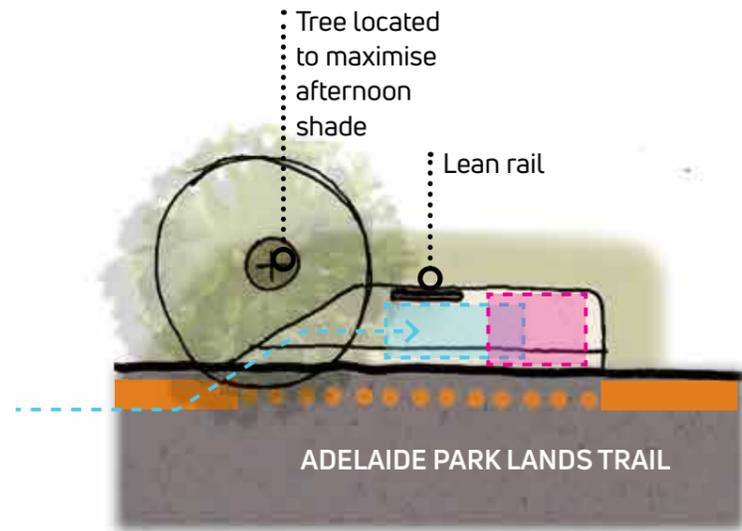
PLAN: BREATHER B- LEAN RAIL

1:100 @ A3

850X1300MM SPACE FOR WHEELCHAIR ETC.

800X2000MM SPACE FOR BICYCLE PULL-OVER

Key Features

FURNITURE	• A: DDA compliant seat with back and arm rest • B: Lean rail
ACCESSIBILITY	• Comfortable angle to pull off path • Space for wheelchair/pram alongside seat • Perch rail alternating with seat at 50m intervals in strategic/ high use portions of the trail • Smooth, even surfaces
WAYFINDING	• Option for wayfinding bollard (location dependent)
LIGHTING	• Option for post-top light (location dependent)
SURFACE MATERIALS	• Exposed aggregate concrete
TREES AND PLANTING	• Option for shade tree - appropriate to landscape character / location

Visualisation of a Breather A rest stop

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7.4 Pause rest stop

Option for informal rock/ log seating and additional low planting

Wayfinding bollard/post

Bin min. 3m from seat

Option for compacted granulitic sand

Tree located to maximise afternoon shade

Understorey planting creates separation between bin and seating

Seat with back and arm rests

ADELAIDE PARK LANDS TRAIL

PLAN: PAUSE A - EXAMPLE 1

ADELAIDE PARK LANDS TRAIL

Tree and seating located to maximise afternoon shade

PLAN: PAUSE A - EXAMPLE 2

1:100 @ A3

850X1300MM SPACE FOR WHEELCHAIR ETC.

800X2000MM SPACE FOR BICYCLE PULL-OVER

Key Features

FURNITURE	• DDA compliant seat with back and arm rest • 1 x bin (with dog bag dispenser) • Option for secondary informal seating (rocks/log)
ACCESSIBILITY	• Comfortable angle to pull off path • Space for wheelchair/pram alongside seat • Space for bicycle to pull off path safely • Smooth, even surfaces
WAYFINDING	• Wayfinding bollard/post/ interpretive (location dependent)
LIGHTING	• Option for post-top light (location dependent)
SURFACE MATERIALS	• Exposed aggregate concrete Landscape Character dependent: • Compacted granulitic sand • Bluestone setts
TREES AND PLANTING	• Shade tree • Low understorey planting • Appropriate to landscape character

Visualisation of a Pause rest stop

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7.5 Pause rest stop - with drink fountain

Key Features

FURNITURE	• DDA seat with back and arm rest • 1 x bin (with dog bag dispenser) • DDA drink fountain with bottle fill and dog bowl - accessible on all sides • Option for secondary informal seating (rocks/log)
ACCESSIBILITY	• Comfortable angle to pull off path • Space for wheelchair/pram alongside seat • Space for bicycle to pull off path safely • Smooth, even surfaces
WAYFINDING	• Wayfinding bollard/post/interpretive (location dependent)
LIGHTING	• Option for post-top light (location dependent)
SURFACE MATERIALS	• Exposed aggregate concrete Landscape Character dependent: • Bluestone setts
TREES AND PLANTING	• Shade tree • Low understorey planting • Appropriate to landscape character

Bin min. 3m from seat

Tree located to maximise afternoon shade

Understorey planting creates separation between bin and seating

Seat with back and arm rests

DDA drink fountain, bottle fill and dog bowl

Option for informal rock/ log seating

Wayfinding bollard/post

ADELAIDE PARK LANDS TRAIL

ADELAIDE PARK LANDS TRAIL

Tree and seating located to maximise afternoon shade

PLAN: PAUSE WITH DRINK FOUNTAIN - EXAMPLE 1

PLAN: PAUSE WITH DRINK FOUNTAIN - EXAMPLE 2

1:100 @ A3

850X1300MM SPACE FOR WHEELCHAIR ETC.

800X2000MM SPACE FOR BICYCLE PULL-OVER

Visualisation of a Pause rest stop, including drink fountain with bottle fill and dog bowl

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7.6 Pause rest stop - with drink fountain + bike parking + group seating

Key Features

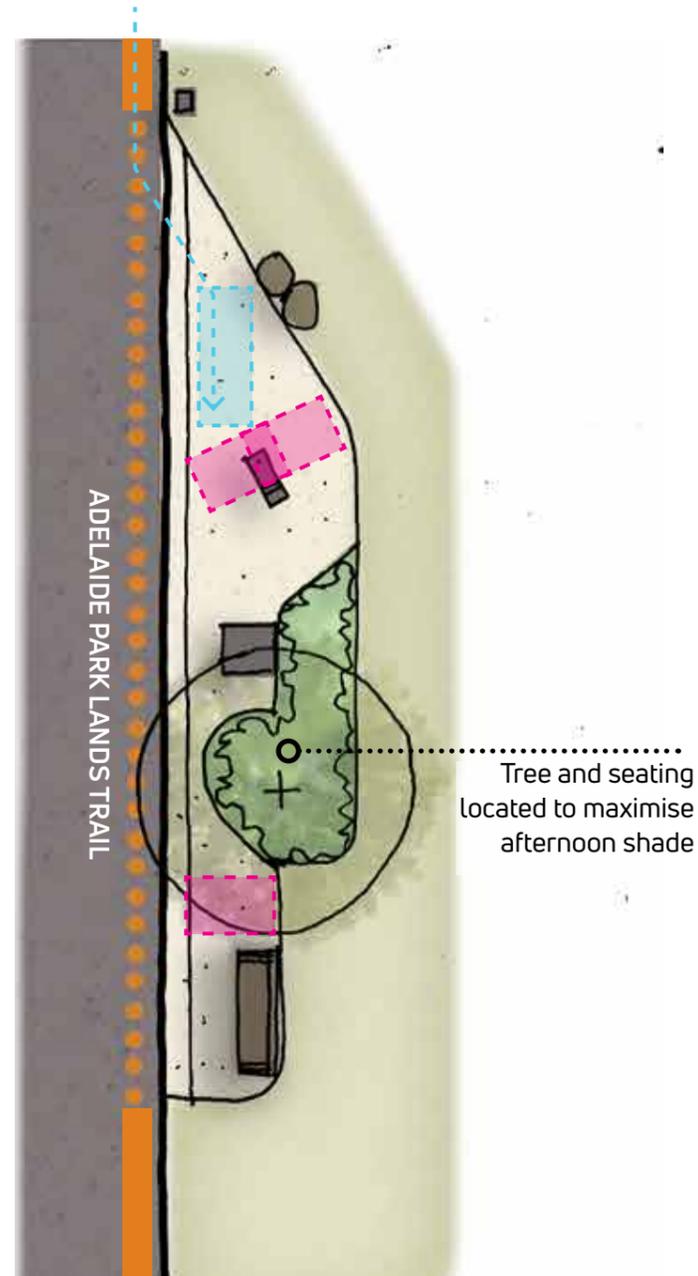| FURNITURE	• DDA seat with back and arm rest • 1 x bin (with dog bag dispenser) • DDA drink fountain with bottle fill and dog bowl - accessible on all sides • 3 x bike racks • Option for additional seating - platform and curved bench (portions with back and arm rests)
ACCESSIBILITY	• Comfortable angle to pull off path • Space for wheelchair/pram alongside seat • Furniture options for sitting, lying down • Space for bicycle to pull off path safely • Smooth, even surfaces
WAYFINDING	• Wayfinding bollard/post/interpretive (location dependent)
LIGHTING	• Option for post-top light (location dependent) • Potential for integrated lighting in seating
SURFACE MATERIALS	• Exposed aggregate concrete Landscape Character dependent: • Compacted granulitic sand • Bluestone setts
TREES AND PLANTING	• Shade tree(s) • Low understorey planting • Appropriate to landscape character

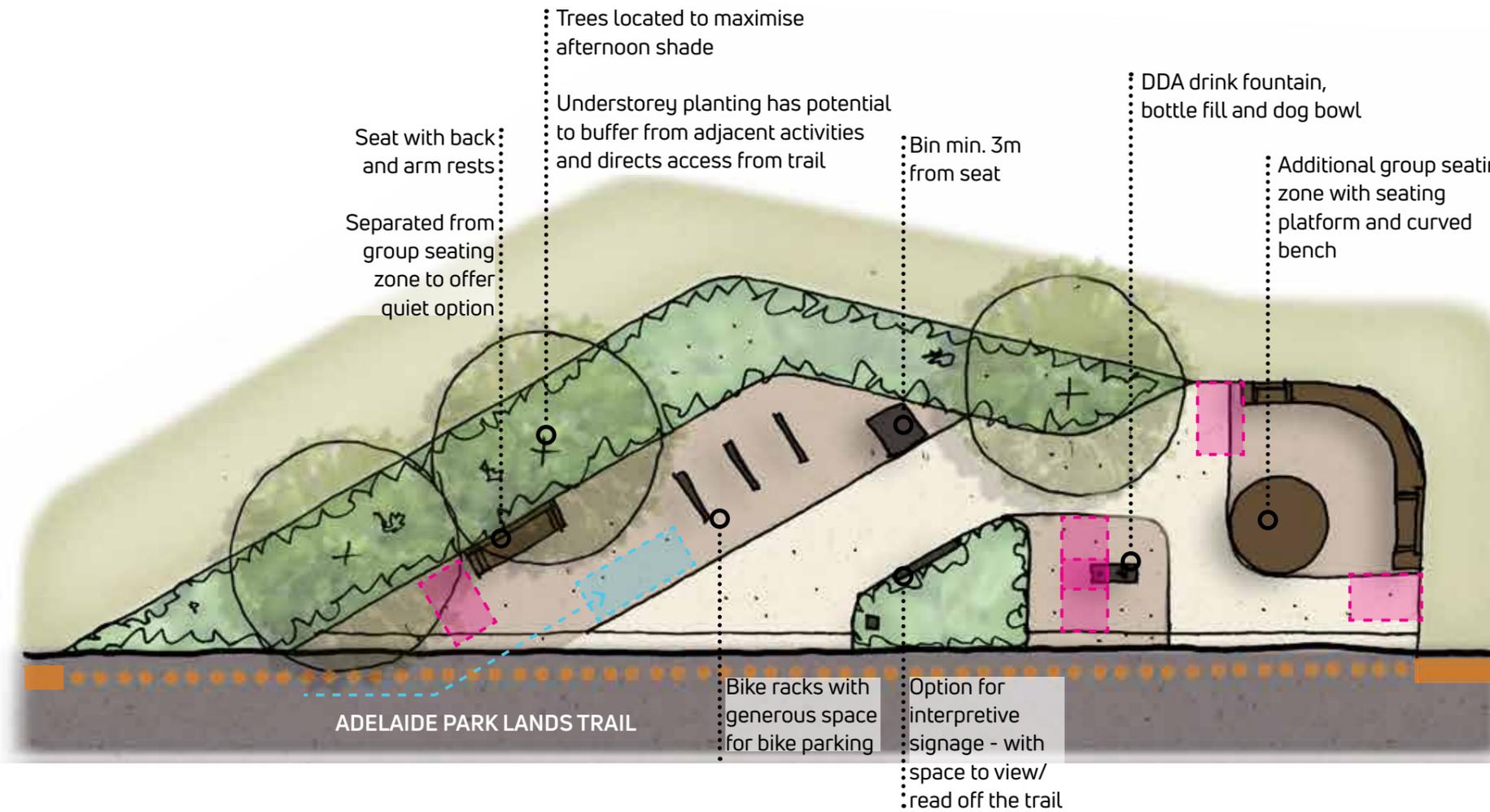Trees located to maximise afternoon shade

Understorey planting has potential to buffer from adjacent activities and directs access from trail

Seat with back and arm rests

Separated from group seating zone to offer quiet option

Bin min. 3m from seat

DDA drink fountain, bottle fill and dog bowl

Additional group seating zone with seating platform and curved bench

ADELAIDE PARK LANDS TRAIL

Bike racks with generous space for bike parking

Option for interpretive signage - with space to view/read off the trail

PLAN: PAUSE B WITH DRINK FOUNTAIN, BIKE RACKS + ADDITIONAL SEATING

1:100 @ A3

850X1300MM SPACE FOR WHEELCHAIR ETC.
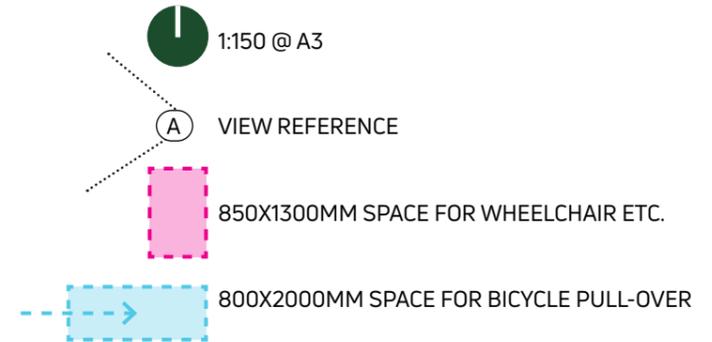
800X2000MM SPACE FOR BICYCLE PULL-OVER

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7.7 Break rest stop - example 1

SPORTS OVAL

COMMUNITY BUILDING

PUBLIC TOILETS

ADELAIDE PARK LANDS TRAIL

Group seating provides option to face into rest stop or view out (e.g. to sports oval)

Area separated from other group seating offers quiet zone option

Trees located to maximise afternoon shade

Wayfinding post and option for interpretive signage/ communication board

Irrigated lawn provides meeting zone for larger groups (e.g. school), picnic and play area

Rocks and logs act as nature play trail and seating

2.4m

PLAN: BREAK REST STOP - EXAMPLE 1

Key Features

FURNITURE	1	DDA seat(s) with back and arm rest
	2	Group of single seats
	3	2 x DDA picnic tables
	4	Group seating - platform and double-sided curved bench
	5	2 x bins (with dog bag dispenser)
	6	DDA drink fountain with bottle fill and dog bowl - accessible on all sides
	7	3 x bike racks
	8	DDA BBQ (double)
	9	Shelter (4x9m)
ACCESSIBILITY	•	Comfortable angle to pull off path
	•	Space for wheelchair/pram alongside seats
	•	Space for bicycle to pull off path safely
	•	Smooth, even surfaces
WAYFINDING	•	Wayfinding post
	•	Interpretive panel (location dependent)
LIGHTING	•	Post-top lights
	•	Integrated lighting in shelter
	•	Potential for integrated lighting in seating
SURFACE MATERIALS	•	Exposed aggregate concrete
	•	Landscape Character dependent:
	•	Compacted granulitic sand
	•	Bluestone setts
TREES AND PLANTING	•	Shade tree(s)
	•	Low understorey planting
	•	Appropriate to landscape character
	•	Option for WSUD (rain garden/ swales)
RECREATION	•	Option for irrigated turf area
	•	Nature play rock and log trail

1:150 @ A3

A VIEW REFERENCE

850X1300MM SPACE FOR WHEELCHAIR ETC.

800X2000MM SPACE FOR BICYCLE PULL-OVER

7.7 Break rest stop - example 1

View A: Disability inclusive bench with easy access off the Trail, bike racks with generous maneuvering space and wide smooth paths

View B: Disability inclusive bench with space for a wheelchair or pram to pull up alongside, shelter structure over 2x DDA picnic settings and variety of seating options
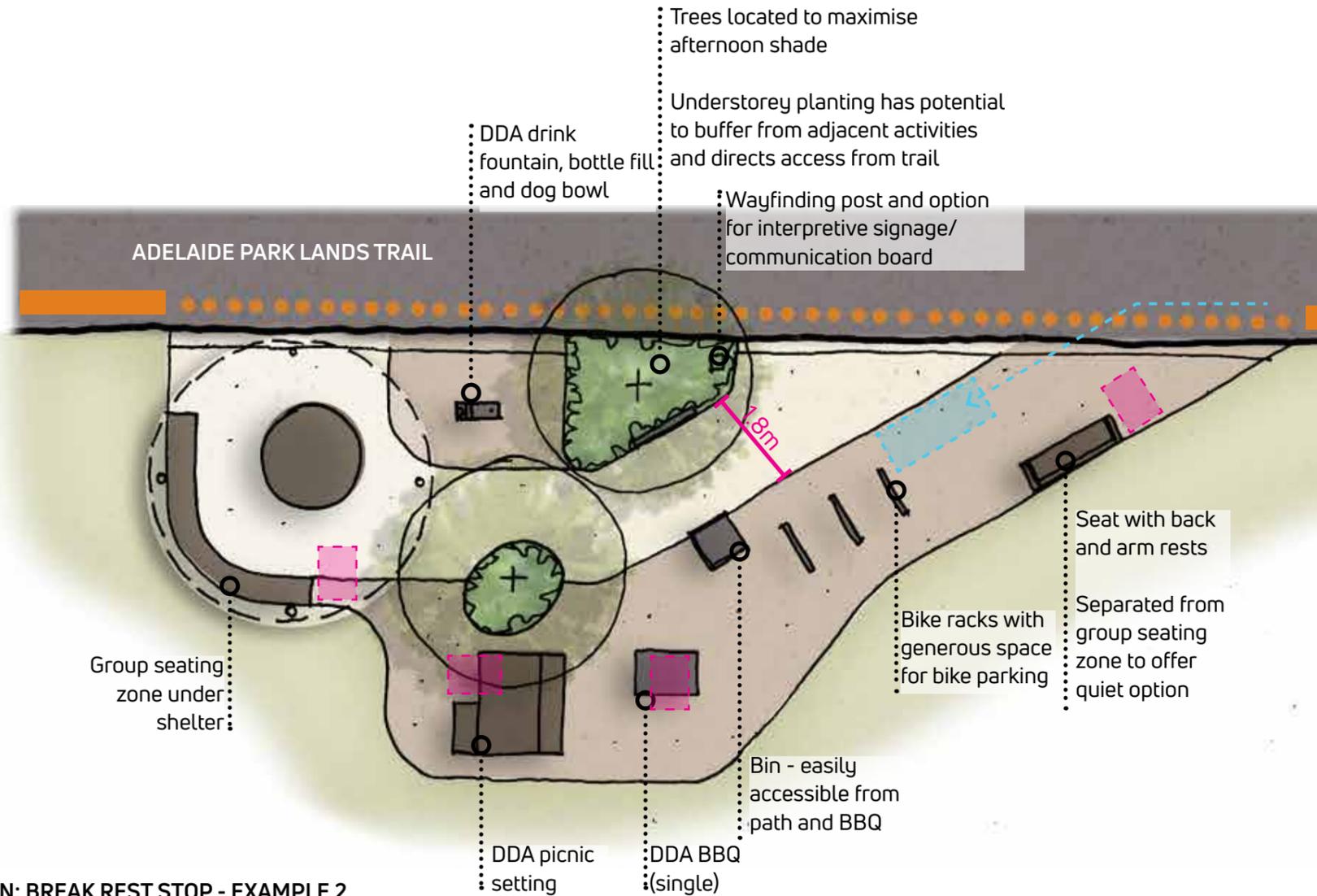

View C: Disability inclusive BBQ, nature play log and rock play trail through planting and irrigated lawn

View D: Disability inclusive BBQ, shelter structure over 2x DDA picnic settings, group seating zones with varying furniture in background

7.8 Break rest stop - example 2

ADELAIDE PARK LANDS TRAIL

Trees located to maximise afternoon shade

Understorey planting has potential to buffer from adjacent activities and directs access from trail

Wayfinding post and option for interpretive signage/ communication board

DDA drink fountain, bottle fill and dog bowl

1.8m

Seat with back and arm rests

Separated from group seating zone to offer quiet option

Bike racks with generous space for bike parking

Group seating zone under shelter

Bin - easily accessible from path and BBQ

DDA picnic setting

DDA BBQ (single)

PLAN: BREAK REST STOP - EXAMPLE 2

1:100 @ A3

850X1300MM SPACE FOR WHEELCHAIR ETC.

800X2000MM SPACE FOR BICYCLE PULL-OVER

Key Features

FURNITURE	• DDA seat with back and arm rest • 1 x bin (with dog bag dispenser) • DDA drink fountain with bottle fill and dog bowl - accessible on all sides • 3 x bike racks • Additional seating - platform and curved bench (portions with back and arm rests) • 1 x DDA picnic setting • DDA BBQ (single) • Round shelter
ACCESSIBILITY	• Comfortable angle to pull off path • Space for wheelchair/pram alongside seat(s) • Furniture options for sitting, lying down • Space for bicycle to pull off path safely • Smooth, even surfaces
WAYFINDING	• Wayfinding bollard/post/ interpretive (location dependent)
LIGHTING	• Post-top light • Integrated lighting in seating and shelter
SURFACE MATERIALS	• Exposed aggregate concrete Landscape Character dependent: • Compacted granulitic sand • Bluestone setts
TREES AND PLANTING	Shade tree(s) Low understorey planting Appropriate to landscape character

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7.9 Stay/Start rest stop example

1:200 @ A3

(A) VIEW REFERENCE (SEE FOLLOWING PAGE/S)

850X1300MM SPACE FOR WHEELCHAIR ETC.

800X2000MM SPACE FOR BICYCLE PULL-OVER

Rest stop located near existing parking, visible from street/road and to support adjacent recreational use(s)

Trail head signage panel displaying full route to plan journey - located under shelter

Wayfinding post and option for interpretive signage/ communication board

Large custom (architecturally designed) shelter integrates toilet facilities into one built form

Irrigated lawn provides meeting zone for larger groups (e.g. school), picnic and play area

Planting buffers rest stop from Park Lands Trail. Mature existing trees retained

Rocks and logs act as nature play trail and seating zones

2.4m

TOILETS

CHANGING PLACES

STORAGE

ACCESSIBLE PARKING

ADELAIDE PARK LANDS TRAIL

Key Features

FURNITURE + STRUCTURES
- (1) DDA seat(s) with back and arm rest
- Quiet zone seating
- (2) 2(+) x DDA picnic tables
- (3) Group seating area(s)- platform and double-sided curved bench
- (4) 2 x bins (with dog bag dispenser)
- (5) DDA drink fountain with bottle fill and dog bowl - accessible on all sides
- (6) 3 x bike racks
- (7) DDA BBQ (double)
- (8) Bench
- Shelter/s
- Toilets and Changing Places facility with MLAK access
- Option for community building/ storage/ services to support events and education
- (9) Bicycle repair station

ACCESSIBILITY
- Comfortable angle to pull off path
- Space for wheelchair/pram alongside seats
- Furniture options for sitting, lying down
- Space for bicycle to pull off path safely
- Smooth, even surfaces
- Changing Places toilet/facility
- Accessible parking

WAYFINDING
- Wayfinding post
- Interpretive panel (location dependent)
- Trail head wayfinding displaying full Adelaide Park Lands Trail route to plan journey
- Communication board

LIGHTING
- Post-top lights
- Integrated lighting in shelter/ toilets
- Potential for integrated lighting in seating

SURFACE MATERIALS
- Exposed aggregate concrete
- Landscape Character dependent:
- Compacted granulitic sand
- Bluestone setts

TREES AND PLANTING
- Shade tree(s)
- Low understorey planting
- Appropriate to landscape character
- Option for Water Sensitive Urban Design (rain garden/swales)

RECREATION
- Option for irrigated turf area
- Nature play rock and log trail

7.9 Stay/Start rest stop example

View A: Public toilets and Changing Places facility integrated with shelter structure, trail head wayfinding signage on wall under shelter

View B: Curved bench seat wraps around irrigates lawn area, providing flexibility to sit on either side, lie down, sit cross legged or place down bags and picnic supplies

View C: Wide, unobstructed central path, three disability inclusive picnic settings under shelter structure

View D: Low level planting frames the spaces and buffers the rest stop from the activity on the Adelaide Park Lands Trail

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7.9 Stay/Start rest stop example

View E: Accessible bench with easy access off the Trail, accessible drink fountain with bottle fill and dog bowl

View F: Irrigated lawn provides space for contained run-around, picnicking and gathering area

View G: Shelter structure and public toilet buildings are considerate of the Adelaide Park Lands setting and recede visually in the environment

View H : Rock and logs provide additional seating areas and a nature play trail through planting

7.10 Retrofitting - Design Approach

There is an opportunity to retrofit the previous generation of rest stops as a sustainable reuse of existing infrastructure and to align with the design aesthetic and functionality of the proposed rest stops. As each of these existing rest stops are unique in size and arrangement of furniture, it will be important that an audit is undertaken to ensure each is assessed on a case-by-case basis within its surrounding context.

The adjacent list of key design considerations provides overarching guidance for retrofitting and integrating existing infrastructure into the cohesive network of new rest stops.

The design concepts overleaf illustrate retrofit options for Breather and Pause scale rest stops. Retrofitting is most likely to be applied to these smaller tiers as a cost-effective and sustainable solution, making use of the existing concrete pavements.

Key design considerations for retrofitting existing rest stops

LOCATION	• How far is it to the nearest rest stop? • What scale of rest stop is required here? Breather or Pause?
ACCESSIBILITY	• How can the accessibility be improved?
EXISTING CONDITION	• What is the existing condition of the rest stop? Are any elements suitable to retain?
REMOVING EXISTING FURNITURE	• To meet the aim for the rest stops to be disability inclusive and read cohesively along the Trail, it is recommended that the furniture be replaced to align with the new rest stop suite. • Existing arrangement of furniture should be considered when locating new furniture so to conceal residual fixings/ points of removal.
TREES AND PLANTING	• Can trees and planting be incorporated to provide shade and integrate the existing rest stop pavement cohesively?

The generation of rest stops proposed for retrofitting have a semi-circular concrete pavement pad and include a variety of furniture combinations and arrangements including seats, bins, drink fountains and bicycle racks.

The pavement is mostly in good condition. Comfort and accessibility will be improved through new furniture suite and arrangement.

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7.11 Retrofitting - Concepts

ADELAIDE PARK LANDS TRAIL

Optional planting provides connection to design language of new rest stops

Tree located to maximise afternoon shade

Existing pavement

Seating platform positioned to conceal previous furniture residual fixings and provides flexibility to rest in variety of positions.

Opportunity to add seat back and arm rests for DDA compliance

PLAN: RETROFIT REST STOP - BREATHER EXAMPLE

Tree located to maximise afternoon shade

Bin min. 3m from seat

Understorey planting creates separation between bin and seating

Option for informal rock/ log seating

Option for compacted granulitic sand

Single seats Arrange to conceal residual fixings

Seat with back and arm rests

Existing pavement

Wayfinding bollard/post

ADELAIDE PARK LANDS TRAIL

PLAN: RETROFIT REST STOP - PAUSE EXAMPLE

Tree located to maximise afternoon shade

Understorey planting creates separation between bin and seating

Single seats

Seat with back and arm rests Arrange to conceal residual fixings

Seat with back and arm rests Arrange to conceal residual fixings

Existing pavement

DDA compliant drink fountain with bottle fill and dog bowl

Bin min. 3m from seat

Wayfinding bollard/post

ADELAIDE PARK LANDS TRAIL

PLAN: RETROFIT REST STOP - PAUSE (WITH DRINK FOUNTAIN) EXAMPLE

1:100 @ A3

850X1300MM SPACE FOR WHEELCHAIR ETC.

800X2000MM SPACE FOR BICYCLE PULL-OVER

8.1 Materials - Paving

PAVING TYPE 1 | Insitu Concrete Paving - Exposed Aggregate (P1)

DESCRIPTION	Main Path Paving Area
TYPE	Exposed Aggregate Insitu Concrete
FINISH/SIZE	Washed
COLOUR	
LANDSCAPE CHARACTER	All

PAVING TYPE 2 | Insitu Concrete Paving - Exposed Aggregate (P2)

DESCRIPTION	Tactile delineation strip
TYPE	Exposed Aggregate Insitu Concrete
FINISH/SIZE	Shot blast
COLOUR	
LANDSCAPE CHARACTER	All

PAVING TYPE 3 | Insitu Concrete Paving - Exposed Aggregate (P3)

DESCRIPTION	Passive zones
TYPE	Exposed Aggregate Insitu Concrete
FINISH/SIZE	Shot blast
COLOUR	Brown
LANDSCAPE CHARACTER	All

PAVING TYPE 4 | Insitu Concrete Paving - Exposed Aggregate (P4)

DESCRIPTION	Passive zones - delineation strip
TYPE	Exposed Aggregate Insitu Concrete
FINISH/SIZE	Shot blast
COLOUR	Brown
LANDSCAPE CHARACTER	All

PAVING TYPE 5 | Compacted Granulitic / Quartzite (P5)

DESCRIPTION	Main Path Paving Area
TYPE	Compacted Granitic Sand
FINISH/SIZE	Fitzgeralds Quarry 8.0mm 'Granitic Sand'
COLOUR	Natural Sand
LANDSCAPE CHARACTER	Natural + Playful

PAVING TYPE 6 | Feature Bluestone Paving Bands (P6)

DESCRIPTION	Feature paving bands
TYPE	Bluestone setts
FINISH/SIZE	100 x 100mm Kanmantoo Setts
COLOUR	Bluestone
LANDSCAPE CHARACTER	Formal + Cultural

PAVING TYPE 7 | Resin Bonded Aggregate/ Rubberised permeable paving (P7)

DESCRIPTION	Porous resin bonded aggregate
TYPE	
FINISH/SIZE	
COLOUR	To match concrete selection
LANDSCAPE CHARACTER	All - for tree sensitive applications

8.2 Materials - Surfaces

MULCH TYPE 1 | Rock Spalls

DESCRIPTION	Sandstone rock spalls for use in WSUD and nature play
TYPE	Sandstone
FINISH/SIZE	150-300mm
COLOUR	Sandstone
LANDSCAPE CHARACTER	Natural + Playful

MULCH TYPE 2 | Organic Mulch

DESCRIPTION	Mulch
TYPE	City of Adelaide Park Land Mulch
FINISH/SIZE	75mm Depth
COLOUR	
LANDSCAPE CHARACTER	All

STEPPING STONES | Informal path

DESCRIPTION	Stepping stones for use in nature play
TYPE	Flat top stone stepper
FINISH/SIZE	400-500mm
COLOUR	Sandstone or bluestone
LANDSCAPE CHARACTER	Natural, Playful

8.3 Materials - Walls and Edges

EDGE TYPE 1 | Concrete Edge

DESCRIPTION	Concrete Edge
TYPE	Imagecrete Colour concrete pavement
FINISH/SIZE	150mmW x 200mmH
COLOUR	Grey Gum
LANDSCAPE CHARACTER	All

EDGE TYPE 2 | Rock Edge

DESCRIPTION	Rock Edge
TYPE	Sandstone
FINISH/SIZE	200mm -400mm
COLOUR	Sandstone - cream, orange and browns
LANDSCAPE CHARACTER	Natural, Playful

EDGE TYPE 3 | Steel Edge

DESCRIPTION	Steel Edge
TYPE	Galvanised
FINISH/SIZE	150mm x 2mm TK
COLOUR	Galvanised steel
LANDSCAPE CHARACTER	All

EDGE TYPE 4 | Timber Edge

DESCRIPTION	Timber Edge
TYPE	Seasoned hardwood
FINISH/SIZE	90 x 19mm Hardwood decking board
COLOUR	Natural Timber
LANDSCAPE CHARACTER	All

EDGE TYPE 5 | Timber Log Edge

DESCRIPTION	Timber Log Edge
TYPE	Seasoned Eucalypt Log
FINISH/SIZE	400mm dia., length to suit location Embed log 1/3 into solid ground, mortar in place
COLOUR	Natural - apply approved natural decking oil
LANDSCAPE CHARACTER	Natural, Playful

WALL TYPE 1 | Stone wall

DESCRIPTION	Low Stone Wall
TYPE	Mortared stone wall - Adelaide bluestone or sandstone
FINISH/SIZE	Random wallers - mortared
COLOUR	Bluestone or Sandstone
LANDSCAPE CHARACTER	Formal, Cultural

WALL TYPE 2 | Stone boulders

DESCRIPTION	Large Rock Boulders
TYPE	Bluestone or sandstone
FINISH/SIZE	500 x 1500mm
COLOUR	Bluestone or Sandstone
LANDSCAPE CHARACTER	Natural, Playful

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8.4 Furniture: Seating

SEAT TYPE 1 | Seat with back and arm rests (3 seater) (S1)

DESCRIPTION	Seat with back and arm rests - 3 seater
TYPE	Street Furniture Australia - Linea Seat
FINISH/SIZE	Seat height 430mm Length: 1800mm
COLOUR	Battens: Eco-certified Spotted Gum hardwood, oiled Frame: Aluminum powder coated: Textura Monument
LANDSCAPE CHARACTER	All - Option for Aluminum Woodgrain: Spotted Gum

SEAT TYPE 2 | Seat with back and arm rests (3 seater) - high leg (S2)

DESCRIPTION	Seat with back and arm rests - 3 seater
TYPE	Street Furniture Australia - Linea Seat
FINISH/SIZE	Seat height 485mm Length: 1800mm
COLOUR	Battens: Eco-certified Spotted Gum hardwood, oiled Frame: Aluminum powder coated: Textura Monument
LANDSCAPE CHARACTER	All - Option for Aluminum Woodgrain: Spotted Gum

SEAT TYPE 3 | Single seat - high leg (S3)

DESCRIPTION	Single seat - option for arm rest(s)
TYPE	Street Furniture Australia - Linea Seat
FINISH/SIZE	Seat height 485mm Length: 600mm
COLOUR	Battens: Eco-certified Spotted Gum hardwood, oiled Frame: Aluminum powder coated: Textura Monument
LANDSCAPE CHARACTER	All - Option for Aluminum Woodgrain: Spotted Gum

SEAT TYPE 4 | Curved seat (S4)

DESCRIPTION	Curved seat - option for arm rest(s)
TYPE	Street Furniture Australia - Linea Seat
FINISH/SIZE	Seat height 485mm Length: 600mm
COLOUR	Battens: Aluminum Woodgrain: Spotted Gum Frame: Aluminum powder coated: Textura Monument
LANDSCAPE CHARACTER	All - Option for Aluminum Woodgrain: Spotted Gum

SEAT TYPE 5 | Square Platform (S5)

DESCRIPTION	Platform seat with option for back rest
TYPE	Street Furniture Australia - Linea Platform
FINISH/SIZE	Seat height 430mm Length: 1800 x 1800mm
COLOUR	Battens: Eco-certified Spotted Gum hardwood, oiled Frame: Aluminum powder coated: Textura Monument
LANDSCAPE CHARACTER	All - Option for Aluminum Woodgrain: Spotted Gum

SEAT TYPE 6 | Circular Platform (S6)

| DESCRIPTION	Circular platform
TYPE	Custom
FINISH/SIZE	Seat height 430mm Diameter: 1800mm
COLOUR	Battens: Eco-certified Spotted Gum hardwood, oiled Frame: Aluminum powder coated: Textura Monument
LANDSCAPE CHARACTER	All - Option for Aluminum Woodgrain: Spotted Gum

SEAT TYPE 7 | DDA Picnic Setting (S7)

DESCRIPTION	Disability Discrimination Act (DDA) compliant Picnic setting - options for seat with back on one side
TYPE	Street Furniture Australia - Linea Table, Bench, Seat
FINISH/SIZE	Seat height 485mm Length: 1800mm
COLOUR	Battens: Eco-certified Spotted Gum hardwood, oiled Frame: Aluminum powder coated: Textura Monument
LANDSCAPE CHARACTER	All - Option for Aluminum Woodgrain: Spotted Gum

SEAT TYPE 8 | DDA Picnic Setting (S8)
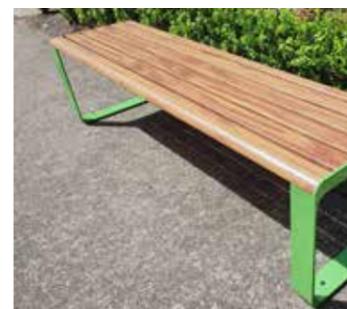
DESCRIPTION	Bench
TYPE	Street Furniture Australia - Linea Bench
FINISH/SIZE	Bench height 430mm Length: 1800mm
COLOUR	Battens: Eco-certified Spotted Gum hardwood, oiled Frame: Aluminum powder coated: Textura Monument
LANDSCAPE CHARACTER	All - located near BBQs where appropriate

8.5 Furniture: Structures

Shelter Type 1 | Rectangular Shelter (SH1)

DESCRIPTION	Rectangular Shelter - options for full shelter, shade only or arbour trellis
TYPE	Steel and timber - flat, pavilion style roof CHS columns
FINISH/SIZE	4000 x 9000mm
COLOUR	Monument and timber (spotted gum)
LANDSCAPE CHARACTER	All - Stay/Stop rest stop

Shelter Type 2 | Circular Shelter (SH2)

DESCRIPTION	Circular Shelter - options for full shelter, shade only or arbour trellis
TYPE	Steel and timber - flat, pavilion style roof CHS columns
FINISH/SIZE	
COLOUR	Monument and timber (spotted gum)
LANDSCAPE CHARACTER	All - Stay/Stop rest stop

Shelter Type 3 | Circular Shelter (SH3)

DESCRIPTION	City of Adelaide Standard Shelter
TYPE	Landmark Peninsula Series
FINISH/SIZE	Steel posts, colourbond roofing, rebated front screen
COLOUR	Monument (posts) , hardwood timber,
LANDSCAPE CHARACTER	All - Break rest stop

8.6 Furniture: Urban Elements

Drink Fountain Type 1 | DDA compliant with bottle fill and dog bowl (DF1)

DESCRIPTION	DDA compliant drink fountain with bottle fill and dog bowl
TYPE	Aquafil Bold 850BF
FINISH/SIZE	Stainless Steel 315 x 780 x 1000(h)mm
COLOUR	Stainless Steel - opportunity for artwork
LANDSCAPE CHARACTER	All

Bike Rack | (B1)

DESCRIPTION	Rectangular bike rack
TYPE	Street Furniture Australia - Linea Bicycle Stand - core drilled
FINISH/SIZE	600 x 75 x 780(h)mm
COLOUR	Inlay: Eco-certified Spotted Gum hardwood, oiled Frame: Aluminum powder coated: Textura Monument
LANDSCAPE CHARACTER	All

Litter Bin Type 1 | Steel Bin Enclosure

DESCRIPTION	Steel Bin Enclosure - option additional recycle bin + dog bag dispenser
TYPE	Street Furniture Australia - Escola Bin Enclosure 240L
FINISH/SIZE	Stainless Steel - Powder coated 760 x 695x 1380(h)mm
COLOUR	Textura: Monument
LANDSCAPE CHARACTER	All

Lean Rail | (PR)

DESCRIPTION	Rectangular lean rail
TYPE	Street Furniture Australia - Linea Bicycle Stand - core drilled - customised as lean rail
FINISH/SIZE	600 x 75 x 780(h)mm
COLOUR	Inlay/ lean rail: Eco-certified Spotted Gum hardwood, oiled Frame: Aluminum powder coated: Textura Monument
LANDSCAPE CHARACTER	All

BBQ Type 1 | DDA BBQ (BBQ)

DESCRIPTION	All access electric BBQ
TYPE	Christies A Series - single or double with electric cook top
FINISH/SIZE	1900 x 1150 x 860(h)mm
COLOUR	Stainless Steel
LANDSCAPE CHARACTER	All

Bicycle Repair Station (RS)

DESCRIPTION	Bike repair station including air pump
TYPE	all4cycling - deluxe bike repair stand
FINISH/SIZE	216 x 530 x 1408(h) mm
COLOUR	Stainless Steel
LANDSCAPE CHARACTER	All

8.7 Lighting + Wayfinding

LIGHT TYPE 1 | Post Top Light

DESCRIPTION	Post-top light
TYPE	Louis Poulsen - Albertslund Maxi Post
FINISH/SIZE	Powder coated 4000mm
COLOUR	
LANDSCAPE CHARACTER	All Ensure amber LEDs in biodiversity zones

LIGHT TYPE 2| Integrated lighting

DESCRIPTION	Integrated LED lights - opportunity in shelters and furniture plinths
TYPE	LED - warm light
FINISH/SIZE	
COLOUR	
LANDSCAPE CHARACTER	All

SIGNAGE - COMMUNICATION BOARD

DESCRIPTION	Communication board
TYPE	
FINISH/SIZE	
COLOUR	
LANDSCAPE CHARACTER	All

WAYFINDING SIGNAGE - as per City of Adelaide Wayfinding Suite and Adelaide Park Lands Trail Wayfinding Improvement Plan

PP   PB   PMDS   BLB   I   IL   FM
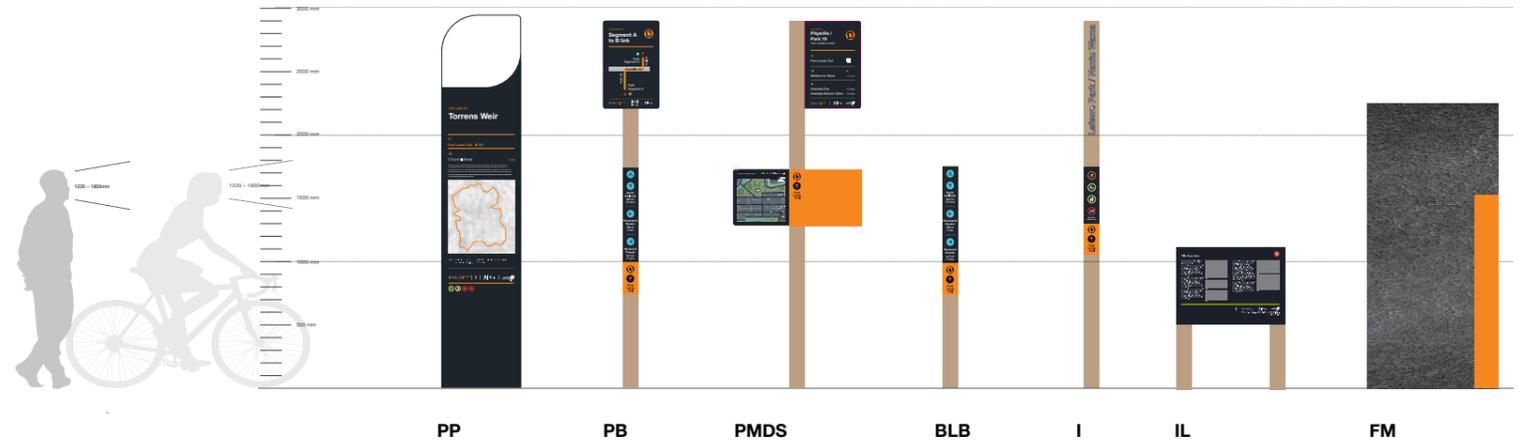
Wayfinding Sign Type	Rest Stop Type
PP	Start/Stay - and/or trail head panel displaying trail map and journey planning information
PB	Break, Start/Stay
PMDS	Break, Start/Stay
BLB	Pause, Breather (optional)
I	Pause
IL	Break, Start/Stay if required
PM	All

8.8 Elements: Supporting Uses

Nature Play

DESCRIPTION	Rock and log trails through planting zones
LANDSCAPE CHARACTER	Playful, Natural
CO-LOCATION	Locate with Break and Start/Stay rest stops to support other recreational uses or to bridge gaps between play-grounds along the Trail

Outdoor Exercise / Stretching Stations

DESCRIPTION	Freestanding exercise/ stretching equipment
LANDSCAPE CHARACTER	Playful
CO-LOCATION	Locate with Break and Start/Stay rest stops adjacent to popular running/ walking loops

Table Tennis Table

DESCRIPTION	Steel table tennis table (e.g. POPP HERO outdoor)
LANDSCAPE CHARACTER	Playful
CO-LOCATION	Locate with Break and Start/Stay rest stops with good passive surveillance and nearby playgrounds/ recreational destinations

Bee/ Insect Hotel

DESCRIPTION	Recycled site-won log post bee hotel
LANDSCAPE CHARACTER	Natural
CO-LOCATION	Locate with Pause and Break rest stops within native bee and butterfly attracting planting

Events Power / Phone Charging

DESCRIPTION	Integrated power for phone and device charging and events within furniture/ shelter structure
LANDSCAPE CHARACTER	Playful, Formal, Cultural
CO-LOCATION	Locate with Break and Start/Stay rest stops to support educational/ event hubs

People Counters

DESCRIPTION	People counting tech fixed to wayfinding posts or shelter structures
LANDSCAPE CHARACTER	All
CO-LOCATION	Locate within Stay/Start rest stops strategically to capture movement data

9.1 Planting Palettes: Trees

Trees planted in conjunction with the design and implementation of rest stops need to be located and selected with careful consideration of the surrounding context. Planting trees along the Adelaide Park Lands Trail will improve shade, cooling and biodiversity. Landscape features including views, existing avenues, heritage sites and biodiversity areas need to be considered with reference to the Adelaide Park Lands Management Strategy and Community Land Management Plan.

Trees also provide the opportunity to complement and celebrate the differing landscape characters of the Adelaide Park Lands, proving variety and wayfinding cues along the Adelaide Park Lands Trail.

Base Palette: Appropriate in all landscape characters

	SPECIES	Eucalyptus leucoxylon ssp leucoxylon
	COMMON NAME	Blue Gum
	MATURE HEIGHT	8-30m
	MATURE SPREAD	6-20m

	SPECIES	Eucalyptus camaldulensis
	COMMON NAME	River Red Gum
	MATURE HEIGHT	20-30m
	MATURE SPREAD	10-15m

	SPECIES	Acacia melanoxylon
	COMMON NAME	Blackwood
	MATURE HEIGHT	7-20m
	MATURE SPREAD	4-8m

	SPECIES	Eucalyptus leucoxylon 'Euky Dwarf'
	COMMON NAME	Dwarf Blue Gum
	MATURE HEIGHT	7m
	MATURE SPREAD	4-5m

Natural Palette

	SPECIES	Eucalyptus fasciculosa
	COMMON NAME	Pink Gum
	MATURE HEIGHT	5-12m
	MATURE SPREAD	5-12m

	SPECIES	Banksia marginata
	COMMON NAME	Silver Banksia
	MATURE HEIGHT	4-10m
	MATURE SPREAD	5m

	SPECIES	Allocasuarina verticillata
	COMMON NAME	Drooping Sheoak
	MATURE HEIGHT	5-8m
	MATURE SPREAD	5-8m

Playful Palette

	SPECIES	Corymbia ficifolia
	COMMON NAME	Red Flowering Gum
	MATURE HEIGHT	6-10m
	MATURE SPREAD	3-5m

	SPECIES	Cupaniopsis anacardioides
	COMMON NAME	Tuckeroo
	MATURE HEIGHT	6-12m
	MATURE SPREAD	3-4m

	SPECIES	Quercus cerris
	COMMON NAME	Turkey Oak
	MATURE HEIGHT	25-35m
	MATURE SPREAD	5-6m

Formal Palette

	SPECIES	Fraxinus pennsylvanica 'Cimmaron'
	COMMON NAME	Cimmaron Ash
	MATURE HEIGHT	12m
	MATURE SPREAD	8m

	SPECIES	Quercus palustris
	COMMON NAME	Pin Oak
	MATURE HEIGHT	15m
	MATURE SPREAD	8m

	SPECIES	Lagerstroemia indica
	COMMON NAME	Crepe Myrtle
	MATURE HEIGHT	25-35m
	MATURE SPREAD	5-6m

Cultural Palette

	SPECIES	Ficus hillii
	COMMON NAME	Hills Fig
	MATURE HEIGHT	15m
	MATURE SPREAD	15m

	SPECIES	Acer campestre 'Elsrijk'
	COMMON NAME	Maple
	MATURE HEIGHT	7m
	MATURE SPREAD	6m

	SPECIES	Quercus robur
	COMMON NAME	English Oak
	MATURE HEIGHT	11m
	MATURE SPREAD	11m

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9.2 Planting Palettes: Base Palette (all landscape characters)

Incorporating planting into the Adelaide Park Lands Trail rest stops provides an opportunity to celebrate the surrounding landscape character, improve biodiversity, comfort and amenity. Below is a base palette of plant species appropriate across the Park Lands rest stops.

To meet Crime Prevention Through Environmental Design (CPTED) design principles and allow clear sight-lines through the rest stops, understorey plant species are to be kept low - maximum 1m in height. Plants to be setback from path edge commensurate with anticipated spread to avoid swamping of pavements and creating maintenance issues.

Grasses/ Strappy Leaved

Dianella brevicaulis
Mature size: H: 0.3-0.6m x W: 0.6-1m

Dianella caerulea
Mature size: H: 1m x W: 2m

Lomandra multiflora dura
Mature size: H: 0.2-0.6m x W: 0.6-1m

Ficinia nodosa
Mature size: H: 1m x W: 1m

Poa labillardieri Eskdale
Mature size: H: 0.7-0.9m x W: 0.6m

Groundcovers

Chrysocephalum apiculatum
Mature size: H: 0.2-0.3m x W: 0.4-0.5m

Myoporum parvifolium
Mature size: H: 0.2-0.3m x W: 1-3m

Scaevola sp.
Mature size: H: 0.1-0.3m x W: 0.3-1m

Shrubs

Hardenbergia violacea 'Meema'
Mature size: H: 0.5m x W: 2m

Correa pulchella
Mature size: H: 0.4-08m x W: 0.8-1m

Correa decumbens
Mature size: H: 0.3-0.5m x W: 2-3m

Westringia fruticosa
Mature size: H: 0.3-0.5m x W: 2-3m

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9.3 Planting Palettes: Natural Palette

The natural palette is made up of Adelaide Plains Indigenous plants with a focus to re-vegetate areas with habitat and food sources for native fauna to enhance biodiversity. Planting design is informal, prioritising variety and layering of species for a natural aesthetic.

Grasses/ Strappy Leaved

Austrodanthonia fulva
Mature size: H: 0.7m x W: 0.5m

Arthropodium strictum
Mature size: H: 0.2-0.3m x W: 0.2m

Austrostipa nodosa
Mature size: H: 1m x W: 1m

Carex bichenoviana
Mature size: H: 0.5-1m x W: 0.5-1m

Lomandra multiflora
Mature size: H: 0.2-0.3m x W: 0.5-1.5m

Groundcovers

Kennedia prostrata
Mature size: H: 0.1m x W: 0.1-4m

Astroloma humifusum
Mature size: H: 0.1-0.5m x W: 0.5-1.5m

Carpobrotus rossii
Mature size: H: 0.1m x W: 1-2m

Chrysocephalum baxteri
Mature size: H: 0.2-0.4m x W: 0.2-0.5m

Shrubs

Atriplex suberecta
Mature size: H: 0.2-1m x W: 0.8-1m

Enchylaena tomentosa
Mature size: H: 0.3-1m x W: 0.5-1.5m

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9.4 Planting Palettes: Playful Palette

The playful palette is made up of predominately native plants with a focus on colour, texture and visual interest. Proposed for use near sport precincts and playgrounds, the plants proposed are also hardy, low maintenance and safe for children and dogs. Planting design is envisaged to be informal with groupings of grasses and shrubs layered with interspersed groundcovers.

Grasses/ Strappy Leaved

Anigozanthos sp.
Mature size: H: 0.4-0.6m x W: 0.6-1m

Dianella revoluta 'Little Rev'
Mature size: H: 0.3-0.4m x W: 0.3-0.4m

Tulbaghia violacea 'Silver Lace'
Mature size: H: 0.3-0.4m x W: 0.3-0.4m

Dianella Silver Streak
Mature size: H: 0.5m x W: 0.5m

Dianella tasmanica 'TasRed'
Mature size: H: 0.5-0.6m x W: 0.5-0.6m

Groundcovers

Eremophila glabra 'Kalbarri Carpet'
Mature size: H: 0.2m x W:2m

Hibbertia scandens 'Groundswell'
Mature size: H: 0.1-0.5m x W: 0.5-1.5m

Rhagodia spinescens 'Aussie Flat Bush'
Mature size: H: 0.3-0.5m x W: 1m

Viola hederacea
Mature size: H: 0.2-0.4m x W: 0.2-0.5m

Correa pulchella 'Fire Bells'
Mature size: H: 0.25 x W: 0.8m

Shrubs

Grevillea rosmarinifolia 'Crimson Villea'
Mature size: H: 0.8m x W: 0.8m

Teucrium fruticans
Mature size: H: 1m x W: 1m

Callistemon viminalis 'Little John'
Mature size : H: 0.75-1m x W: 0.5-1m

Eremophila glabra 'Silver Ball'
Mature size : H: 0.7-1m x W: 0.7-1m

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9.5 Planting Palettes: Formal Palette

The formal palette is made up of a mix of native and exotic plants with a focus on structural interest and ornamental quality. Proposed for use within formal gardens and along the urban address of the Adelaide Park Lands, species to compliment these environments have been proposed. Planting design is envisaged to be more structured and formal, utilising hedging and mass planting.

Grasses/ Strappy Leaved

Dianella revoluta 'Little Rev'
Mature size: H: 0.3-0.4m x W: 0.3-0.4m

Dianella Silver Streak
Mature size: H: 0.5m x W: 0.5m

Dianella tasmanica 'TasRed'
Mature size: H: 0.5-0.6m x W: 0.5-0.6m

Clivia miniata
Mature size: H: 0.5m x W: 0.4m

Arthropodium cirrhatum
Mature size: H: 0.8m-1 x W: 0.8m-1

Groundcovers

Trachelospermum jasminoides
Mature size: H: 0.3-0.5m x W:1-2m

Hibbertia scandens 'Groundswell'
Mature size: H: 0.1-0.5m x W: 0.5-1.5m

Ajuga reptans
Mature size: H: 0.2-0.3m x W: 0.3-0.5m

Centaurea cineraria
Mature size: H: 0.2-0.5m x W: 0.6-0.8m

Convolvulus mauritanicus
Mature size: H: 0.3-0.4x W: 0.8-1m

Shrubs

Acacia cognata 'Bower Beauty'
Mature size: H: 1m x W: 1m

Cotyledon orbiculata 'Silver Waves'
Mature size: H: 0.2m x W: 0.3m

Juniperus sabina
Mature size : H: 0.4-0.5m x W: 0.5-1m

Myrtus communis 'Compacta'
Mature size : H: 0.8-1m x W: 0.6-0.8m

9.6 Planting Palettes: Cultural Palette

The cultural palette is a varied mix of native and exotic plants to suit use near the major destinations within the Adelaide Park Lands. Planting selection will be dependent on the specific location and type of cultural landscape/ major destination. Planting design is envisaged to be more structured with mass planting, hedging and banding of species.

Grasses/ Strappy Leaved

Anigozanthos sp.
Mature size: H: 0.4-0.6m x W: 0.6-1m

Dianella Silver Streak
Mature size: H: 0.5m x W: 0.5m

Dianella tasmanica 'TasRed'
Mature size: H: 0.5-0.6m x W: 0.5-0.6m

Arthropodium cirrhatum
Mature size: H: 0.8m-1 x W: 0.8m-1

Dietes grandiflora
Mature size: H: 0.8m-1 x W: 0.8m-1

Groundcovers

Eremophila glabra 'Kalbarri Carpet'
Mature size: H: 0.2m x W:2m

Hibbertia scandens 'Groundswell'
Mature size: H: 0.1-0.5m x W: 0.5-1.5m

Trachelospermum jasminoides
Mature size: H: 0.3-0.5m x W: 1-2m

Kalanchoe pumila 'Quicksilver'
Mature size: H: 0.7-0.8m x W: 0.7-0.8m

Shrubs

Adenanthos sericeus 'Silver Lining'
Mature size: H: 0.5m x W: 1-1.5m

Teucrium fruticans
Mature size: H: 1m x W: 1m

Callistemon viminalis 'Little John'
Mature size : H: 0.5-1m x W: 3m

10.1 Disability Access and Inclusion Advisory Panel

Project background, Universal Design principles, approach to rest stop hierarchy and concept design for a 'break' (medium) rest stop were presented to the Disability Access and Inclusion Advisory Panel on May 21, 2025. Key feedback was sought and discussed, outlined below.

Rest Stop Spacing and Orientation	• Seating every 100m was positively received as a good breather interval for users with mobility limitations. • Include signage that communicates how far the next rest stop is. • Support for more frequent opportunities to lean or rest against elements (e.g. poles, leaning rails), especially for users who may not sit.
Safety Considerations	• Lighting is essential for personal safety and confidence after hours. • Passive surveillance and visibility were emphasised as key design principles. • Consider setback placement of rest elements to align with logical landscape edges while maintaining safety and visibility.
Seating and Accessibility	• Not all users sit—include "quiet chill-out zones" that enable laying down or resting without formal seating. Henley Square timber seating provided as good example. • Ensure seating setbacks allow safe movement off the main path while maintaining connectivity and access.
Wayfinding and Signage	• Signage should provide clear, accessible wayfinding with information on upcoming facilities. • Aided signage (visual, tactile, possibly auditory) can support users with sensory needs or vision impairment.
Drinking Fountains	• Drinking fountains should be inclusive of people and pets—include a dog bowl or bubbler component
Path Access and Parking	• Entry and exit points to car parks or adjacent streets must be clearly marked and intuitive. • Clarify access points to avoid confusion for trail users.
Sensory and Communication Needs	• Ensure tactile ground surfaces provide adequate delineation between paths and rest zones—wide, textured paths were noted as successful. • Allocate larger areas for rest stops to accommodate communication needs (e.g., Auslan users who require more space and face-to-face visual contact).
Inclusive Amenities and Trailheads	• Consider including Changing Places or accessible toilets at major trailheads. • Clarify access to facilities via universal keys (e.g., Master Locksmiths Access Key (MLAK) vs. standard).
Wheelchair and Mobility Considerations	• Seats should be accessible to wheelchair users and include adjacent space for transfer or support. • Larger turning circles should be provided at rest nodes – sports wheelchairs that may be used on the trail vs standard wheelchairs • Avoid designs that allow wheelchairs to roll away—e.g., by ensuring level ground or frictional surfaces – some sports wheelchairs do not have brakes.
Additional Amenities	• Suggested consideration of vending machines for snacks and drinks at key trail locations, though this may require further feasibility review. • Suggestion for recreational amenities to provide additional uses at rest stops e.g. exercise equipment and table tennis table

This feedback has been considered and worked into the strategy and concept designs.

10.2 City of Adelaide Project Stakeholder Workshop

Project background, Universal Design principles, approach to rest stop hierarchy and concept designs for breather, pause and break rest stops were presented to relevant City of Adelaide park lands and assets staff (Jared Wilson, Peter Young, Ray Scheuboeck, Roger) on June 2, 2025. Key feedback was sought and discussed, outlined below.

Design Report Overview	A walk-through of the draft design report was provided, covering the following: • Framework for the rest stop strategy • Strategic reports reviewed and synthesised • Rest stop hierarchy and benchmarking of best practice • Preliminary concepts for the various rest stops
Key Design Considerations	• Discussion around showing provision of DDA-compliant car parks at the trail head rest stop • Importance of universal design principles in layout and material choice • Lighting - Recommendation for amber lighting in and near biodiversity-sensitive areas to reduce ecological disturbance • Planting zones - Preference for larger, consolidated planting areas rather than fragmented or fiddly arrangements
Assets Feedback	• Stick-on identifiers suggested over bluestone setts (will require replacement each 5-10yrs). • Consider utilising tree species identifiers to create distinction of rest stops within the Park Lands.
Siting Strategy	Road crossing points flagged as suitable locations for rest stops: • Enables safe group gathering before/after crossing • Provides a place for children to wait or users of different abilities to reassemble before moving on • Acts as a rest point before navigating challenging sections ("run the gauntlet")
User Groups & Functions	Users mentioned include: • Walking groups • Childcare groups • Cyclists – commuter, recreation & groups (potential for "bike slots" to secure or lean bikes, not always needing to be locked up)
Design Representation & Options	• 3D views to include seated figures on rocks or informal elements (variety of heights) • Not all rest stops require expansive furniture options • Alternative seating heights and options encouraged for larger stops
Maintenance & Modularity	• Positive response to the 'kit of parts' approach for modular furniture. Enables easier replacement of individual components (e.g., seat battens, armrests). Supports long-term asset management and resilience. • Consider platform elements – leaves and rubbish gather and create additional maintenance in cleaning out beneath these elements.
Design Matrix	• A matrix structure is suggested to be developed to catalogue rest stop design elements within the hierarchy of stops including: • Furniture types • Urban elements / play • Planting palette • Landscape materials (ground surface etc)

This feedback has been considered and worked into the strategy and concept designs.