

# Eden Gardens Landscape DA Report

Date: February 2021

Prepared for Thunderbirds Are Go Pty Ltd atf the Gardeners Trust



**Project:** Eden Gardens

**Authors** Jon Shinkfield  
Ross Privitelli  
Watkin McLennan  
Thomas Chapman

**Site Address:** 307 Lane Cove Road, Macquarie Park

**Date:** February 2021  
**Revision:** B Draft

**Document Issue:**  
Issue for: Revision: Date:  
DA B 12/02/2021

**Prepared by:** **REALM**studios

# Contents

## 1.0 Introduction

## 2.0 Context

- 2.1 Country - Wallumatta
- 2.2 Surrounding Context
- 2.3 Site Context
- 2.4 Site Analysis

## 3.0 Design Ideation

- 3.1 Bosch Triplet Painting & Landscape Zones
- 3.2 Gardens of Earthly Delight

## 4.0 Design Response

- 4.1 Illustrative Masterplan
- 4.2 Landscape Zones
- 4.3 Movement & Place
- 4.4 Zone 1 - Active Recreation
- 4.5 Zone 2 - Eden Square
- 4.6 Zone 3 - Garden Experience
- 4.7 Zone 4 - Entry
- 4.8 Zone 5 - Arrival Carpark
- 4.9 Zone 6 - National Park Interface

## 5.0 Systems & Landscape Elements

- 5.1 Systems of Place
- 5.2 Water Sensitive Urban Design
- 5.3 Furniture
- 5.4 Lighting
- 5.5 People Movement Modelling

## 6.0 Appendix



# 1.0 Introduction

This report describes the Eden Gardens landscape works component up to the development application.

As a precinct of activity the Eden Gardens site is a series of connected spaces and places that express themselves independently for occupation and purpose. Whilst there is an ambition to program every space for either activity or economic return there is both a need and desire to allow breathing space for incidental and transitional areas and between the various activity zones.

Important landscape place-based principles have lead the development of the design.

These include:

- **Country** - Reveal the indigenous history of the site and provide spaces and species selection that enable cultural connections with Country.
- **Context** - Identify the unique Lane Cove National Park and Macquarie Park commercial precinct and see how some of that uniqueness weaves its way into the design ideation and fabric of the development. To celebrate and acknowledge the forces that have shaped what we see today.
- **Site Geometry** - Expression of the three metre tall curved wall that separated the reimagined upper terrace from the existing lower garden. The circular paving motif, an extension of this unifying circular language.
- **Social Infrastructure** - Providing a series of connecting rooms and through links to programmed spaces that cater to a variety of user groups throughout the week and on weekends. Providing clear wayfinding opportunities linking site builtform with unique adjacent outdoor rooms and gardens.
- **Ecological Diversity** - Re-establish pre-colonial endemic tree, shrubs and grassland plantings and associated micro-fauna where appropriate. Consider appropriate plant species that deal with overshadowing.
- **Connectivity** - Provide multi-scaled and multi-purpose gathering spaces both at ground level and rooftop that take in parkland opportunities and surrounding views.

The report provides historical context, site context, ground floor and rooftop plans, strategy diagrams, detailed plans, sections & perspectives and material schedules across the following spaces:

- Active & Wellness
- Eden Square
- Garden Experience
- Entry Plaza
- Arrival Carpark
- National Park Interface

This report is to be read in conjunction with the architectural report and other consultant reports to encapsulate the overall design intent for each space in more detail.







## 2.0 Context



# 2.1 Country - Wallumatta

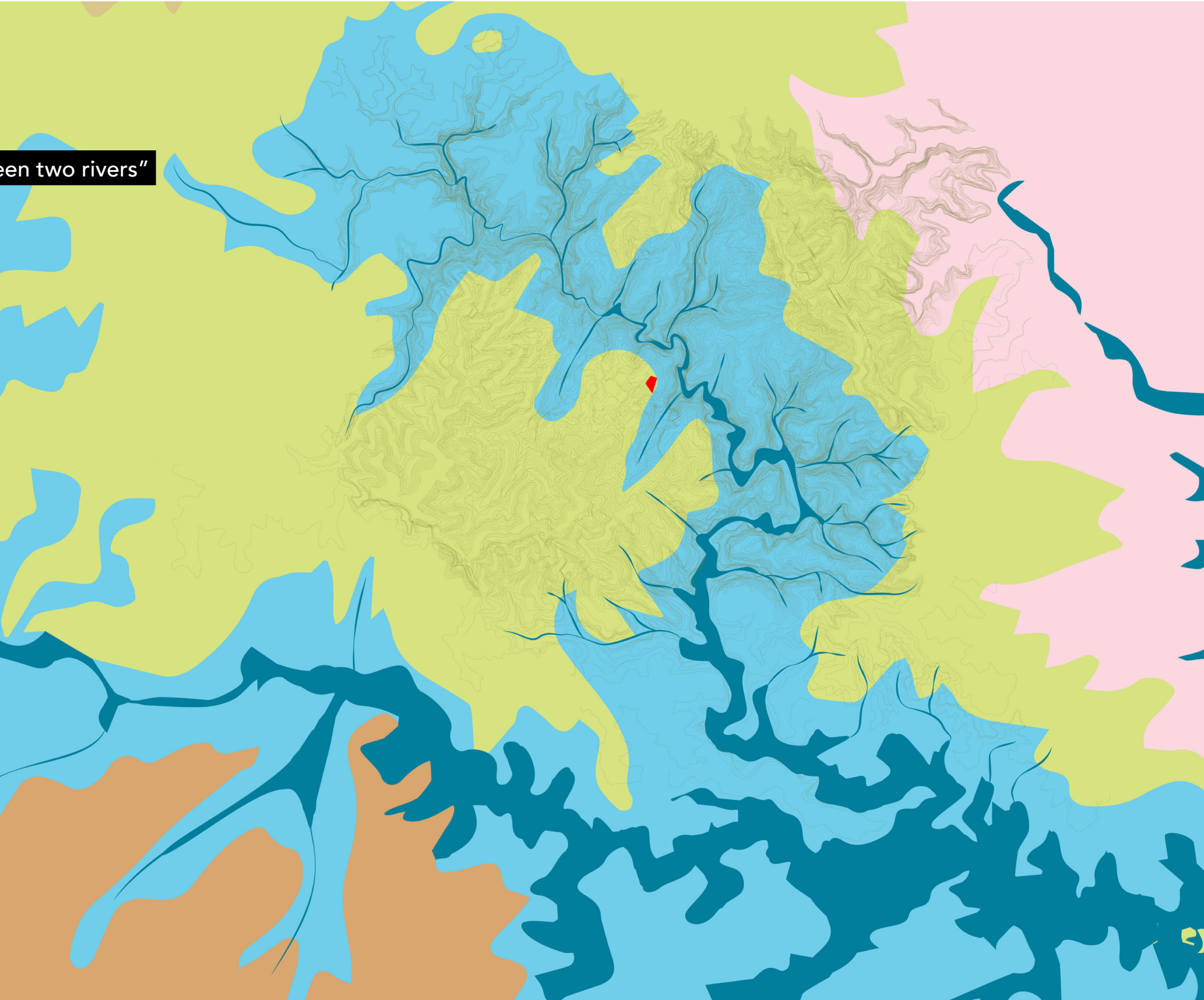
The traditional owners in which our site sits are the Wallumedegal people. Their land is located between the Lane Cove and Parramatta Rivers. It is likely that the name Wallumedegal or Wallumattagal was derived from wallumai the snapper fish, combined with matta, a word used to describe a place, usually a water place, as with Parramatta and Cabramatta.

“Wallumatta, a water place between two rivers”

This connection to water is also evident in the remnant vegetation and likely pre-colonial ecosystems. The site sits on the edge of the Pennant Hills Ridges and the Port Jackson Basin. These landscape classes described by Mitchell (2002) were characterized by sclerifolous forests of Eucalyptus Angophora, Corymbia and turpentine (Syncarpia glomulifera).

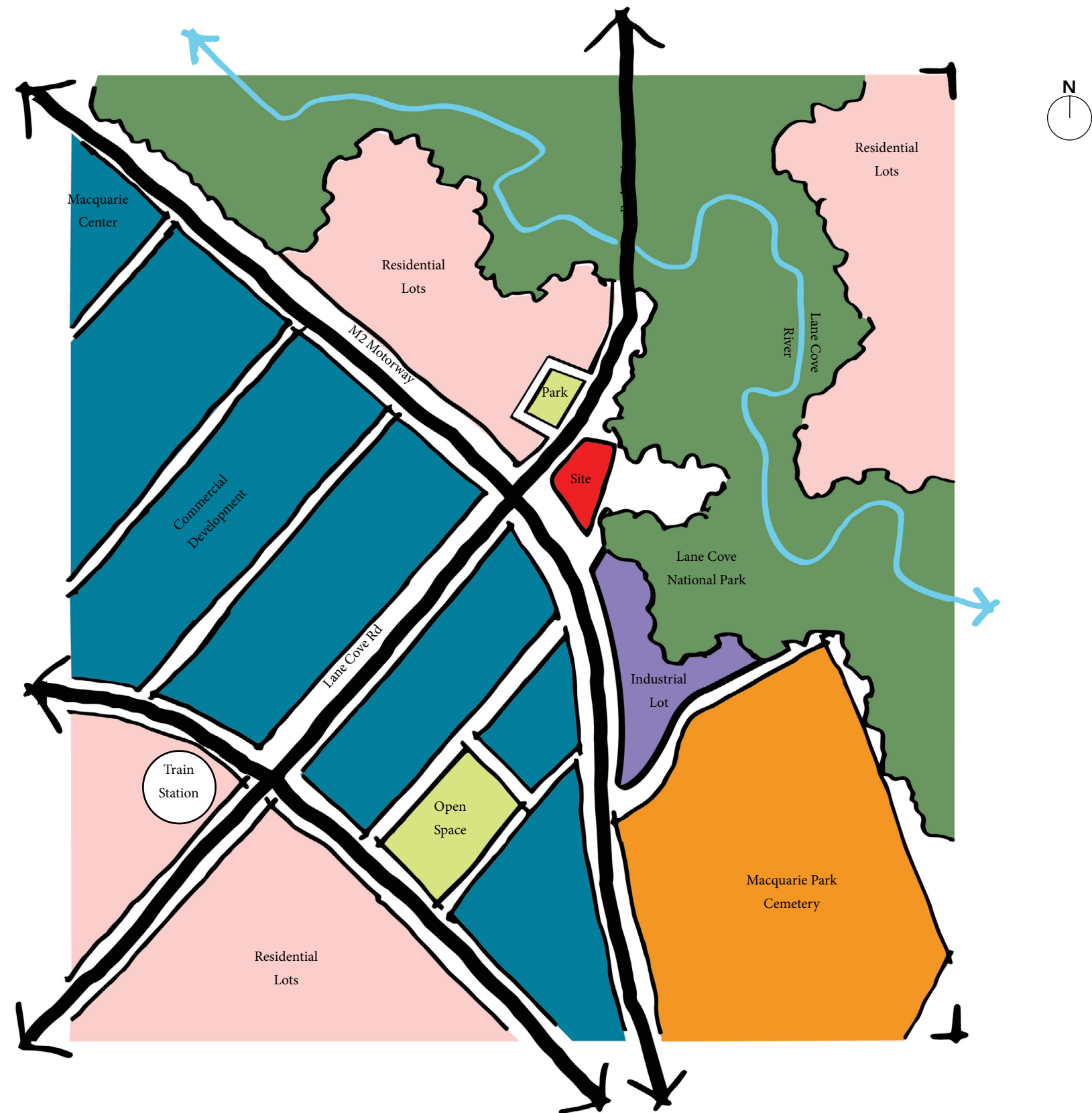
The upland Port Jackson Basin typically sees sandstone slopes and cliffs with patches of sandy soil on narrow benches that support forest. Where as the Pennant Hills Ridges are siltstone with sandy to clay soils on top of clay subsoils.

Today remnants of these vegetation communities can be seen throughout the Lane Cove National Park as well as the Wallumatta Nature Reserve.



## 2.2 Surrounding Context

Lane Cove National Park is an important green link to Sydney's Northern Suburbs and acts as a green buffer for the Lane Cove River which flows through it, which discharges into Sydney Harbour. Adjacent to Eden Gardens is Lane Cove Road and the M2 motorway on the Western side which generates substantial vehicular movement and noise. The external periphery is made up of medium scale commercial buildings as well as residential areas. Eden Gardens is abutted on its eastern and northern edge by Lane Cove National Park.

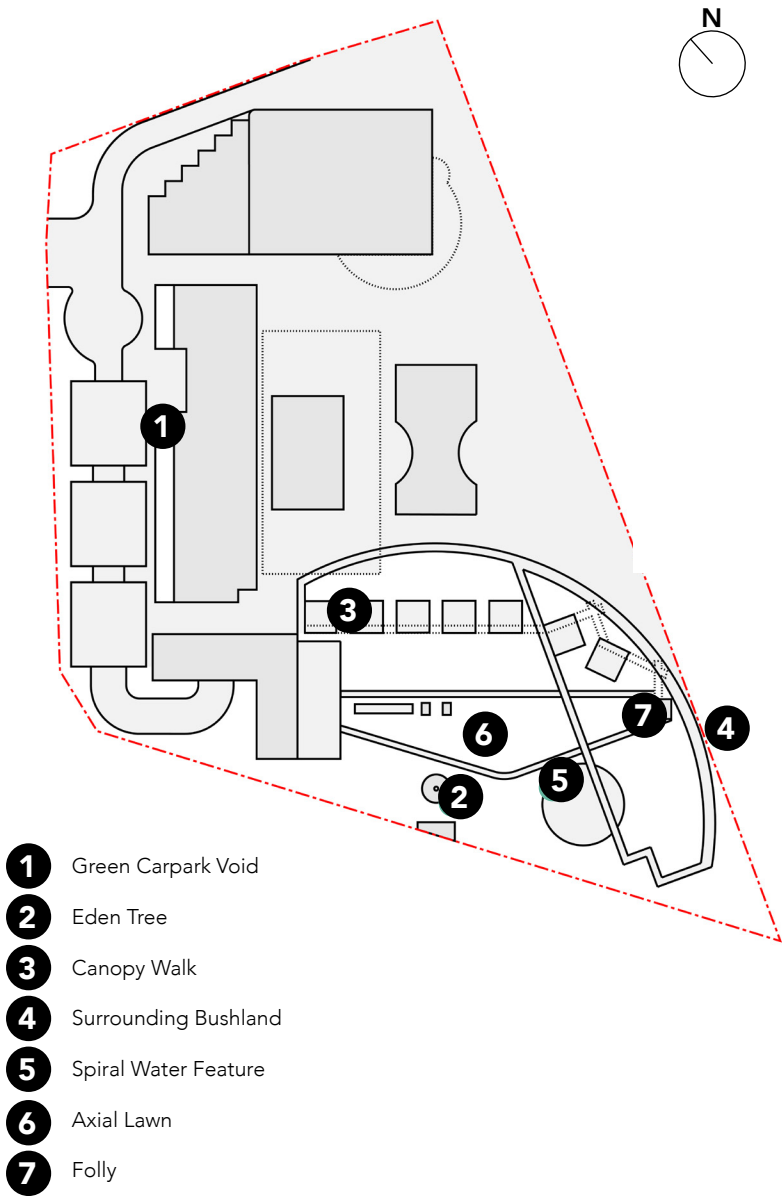




# 2.3 Site Context

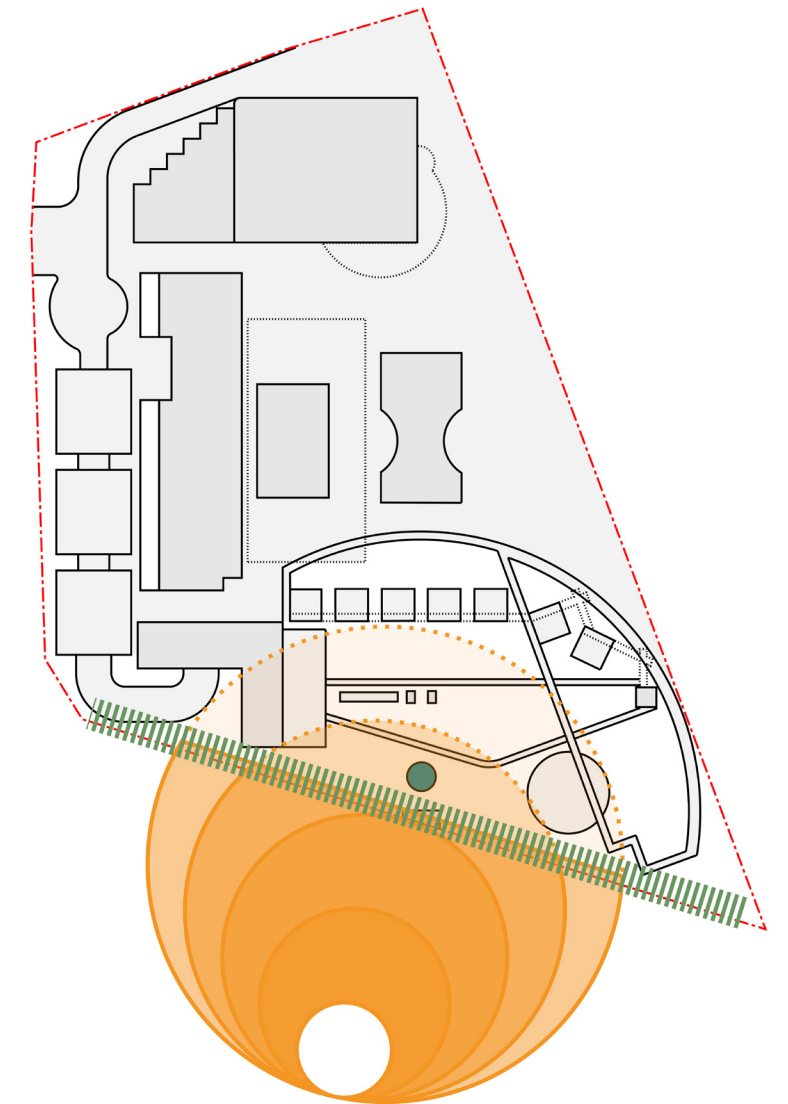
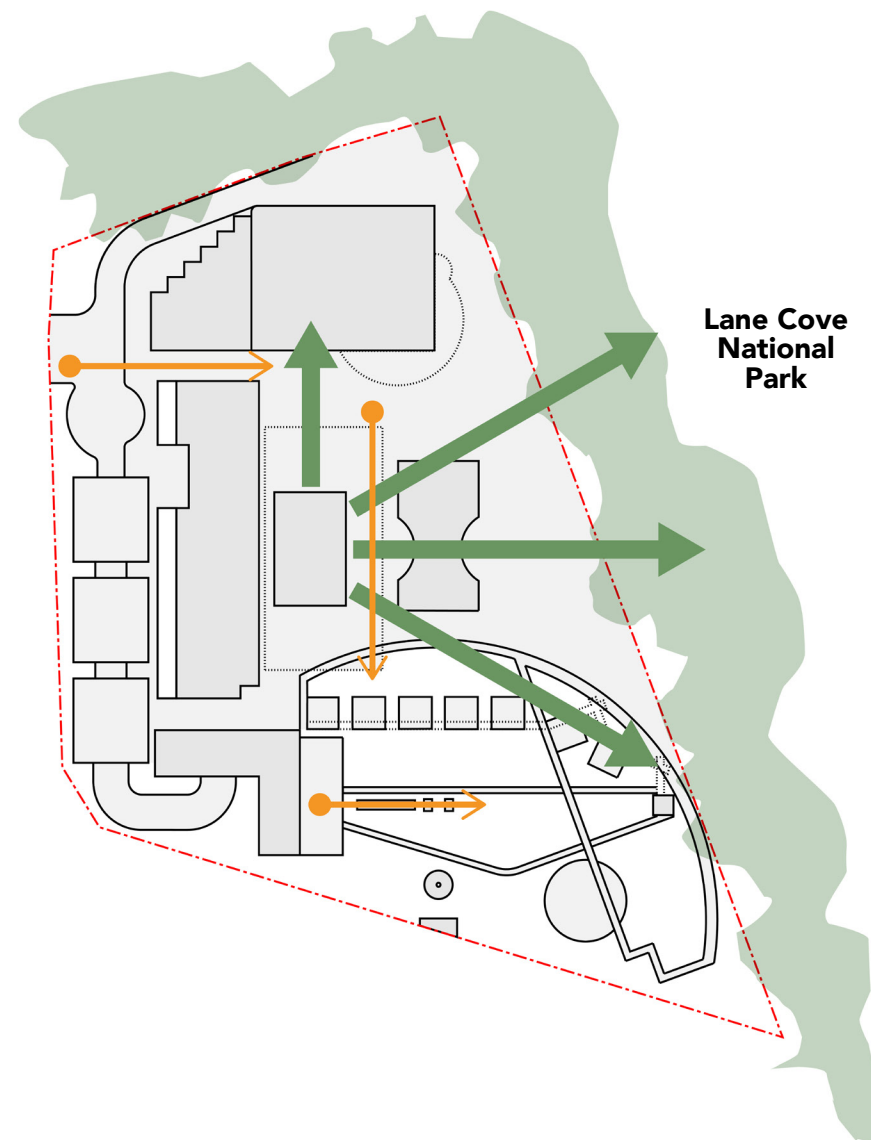
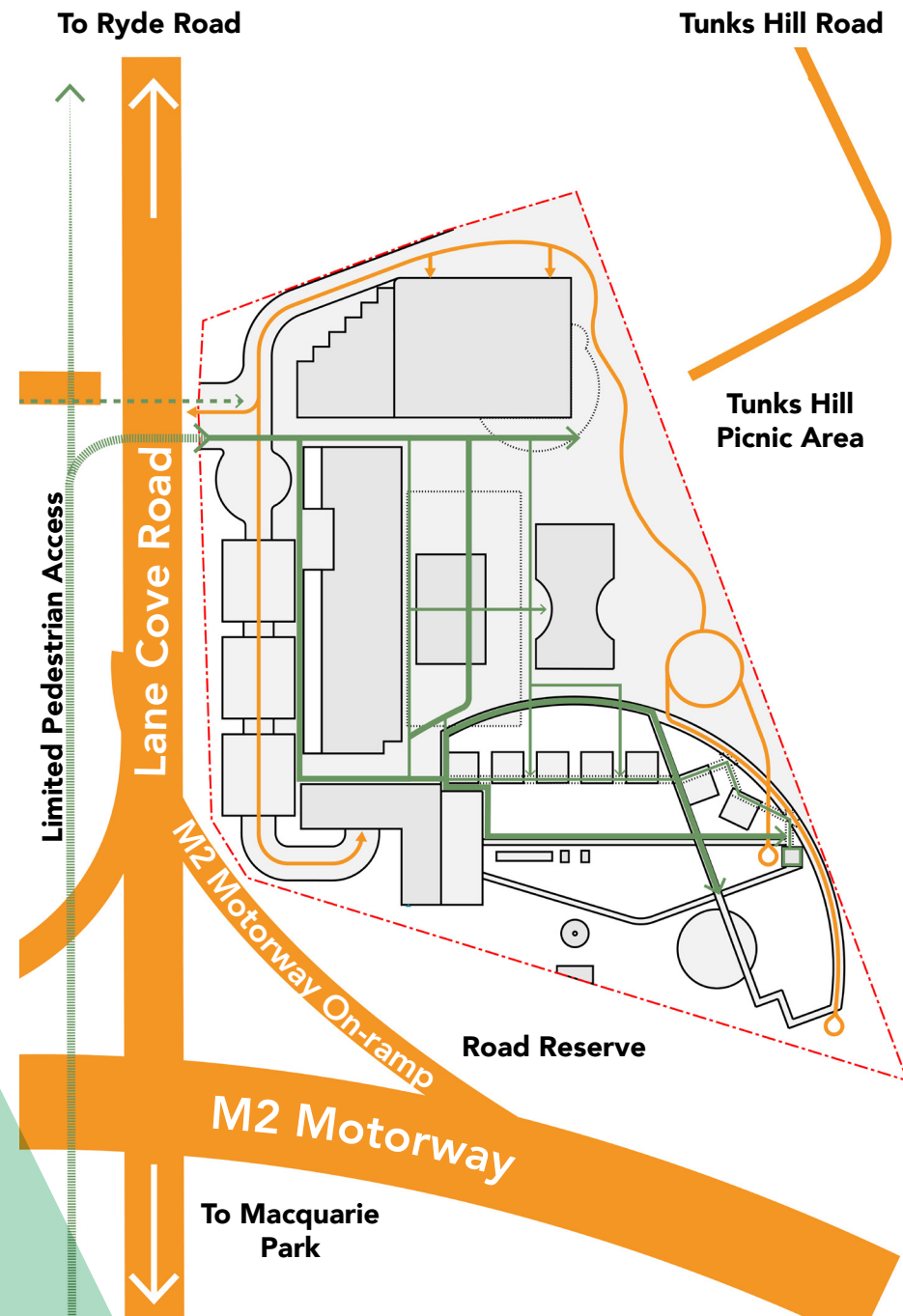
Eden Gardens is full of iconic landscape moments. It is important for the redevelopment to acknowledge these and ensure they are retained and celebrated as part of the new and improved gardens. These moments include the subterranean bamboo forest at the entry to the neighbourhood shops, the 'Eden Tree' sculpture, the aerial canopy walk through in the lower garden, the lower garden and surrounding scribbly gum forest, the spiral water feature basin and the ceremonial lawn with the tower folly at its eastern axis.

Each of these elements are to be maintained, enhanced and celebrated within the broader context of the redeveloped exterior design.



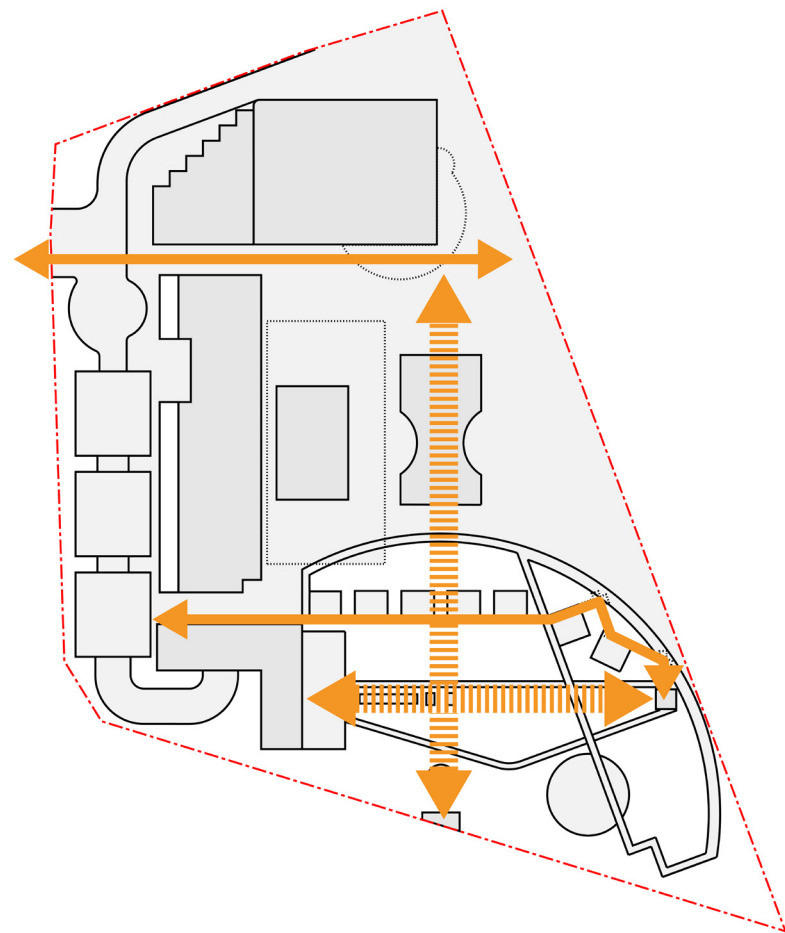


## 2.4 Site Analysis



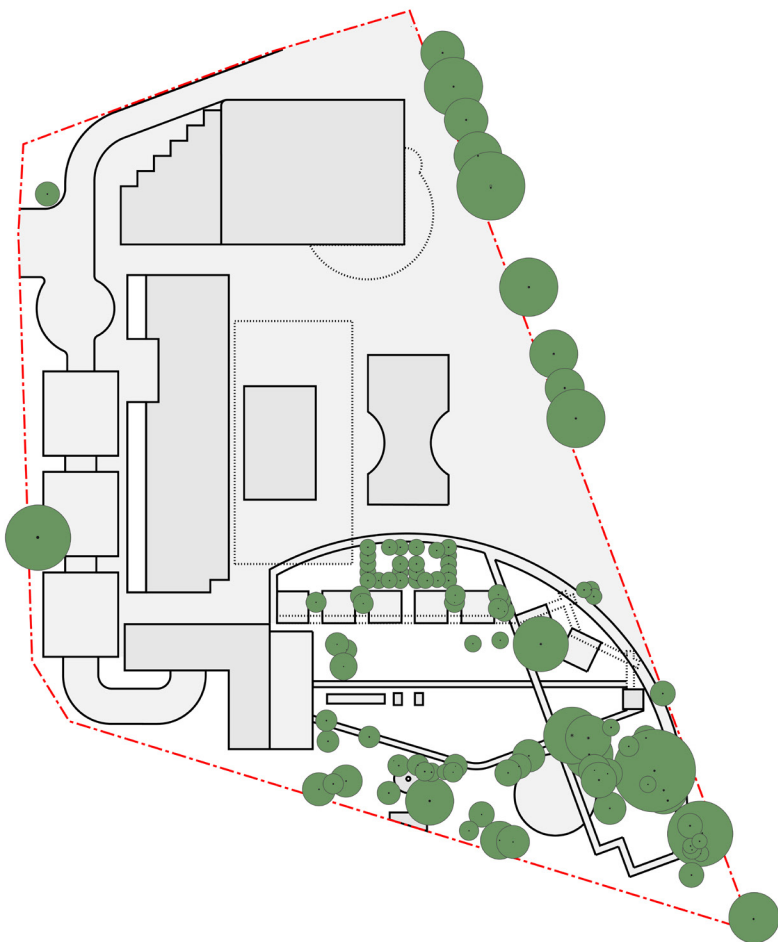


# 2.4 Site Analysis



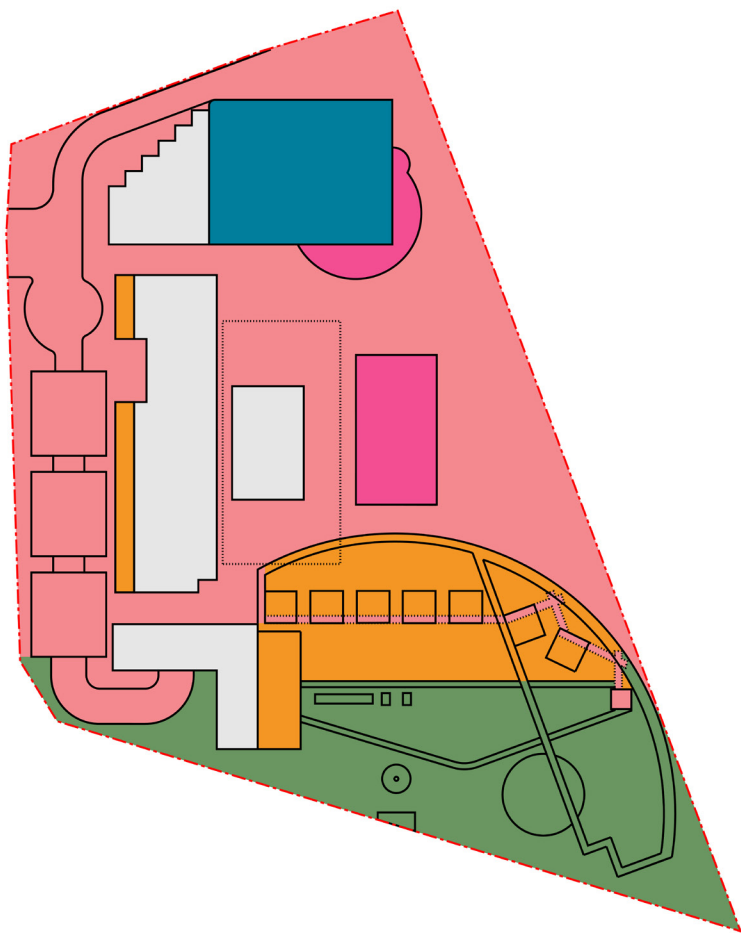
## AXIAL ALIGNMENT

Four main axial alignments will be created across the site. The main east/west through the ceremonial lawn from the function centre. North/south through the restaurant down to the southern pavilion. The northern pedestrian thoroughfare and the elevated walkway over the lower garden.



## SIGNIFICANT EXISTING TREES

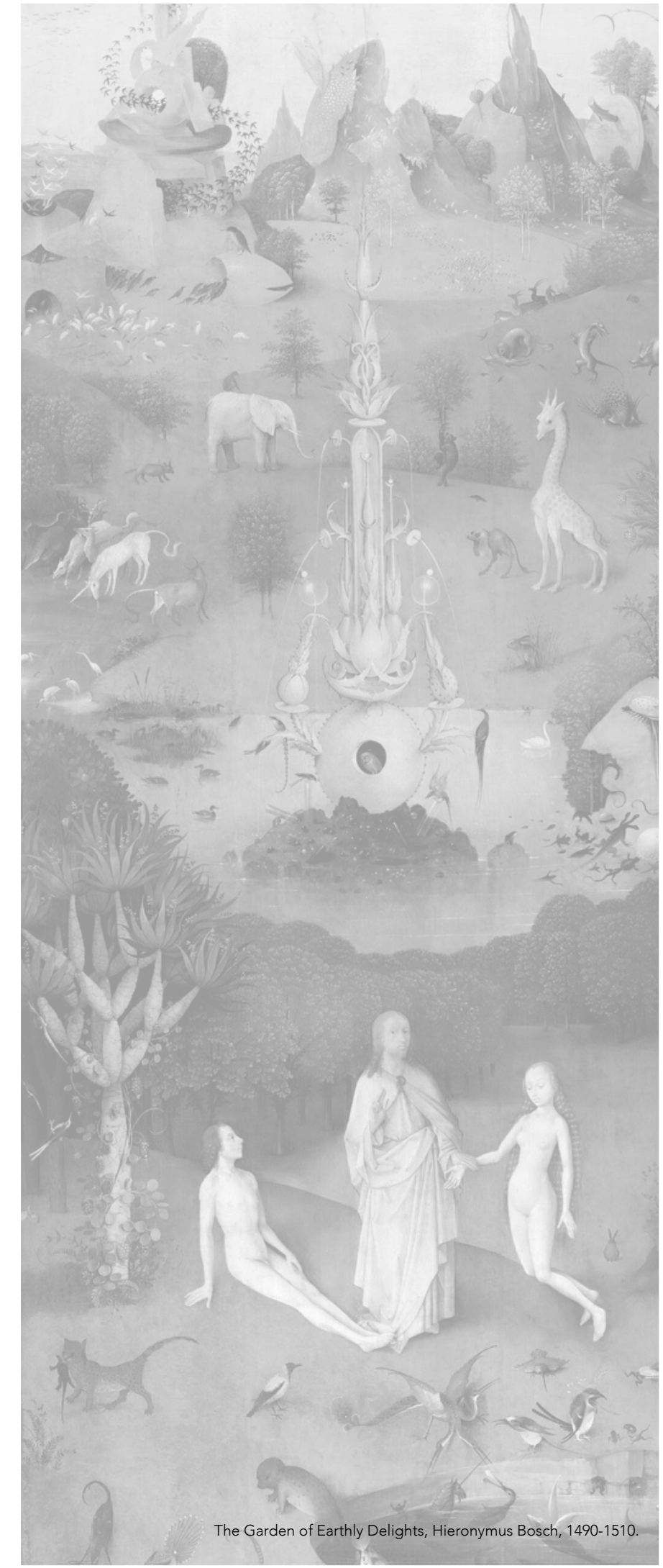
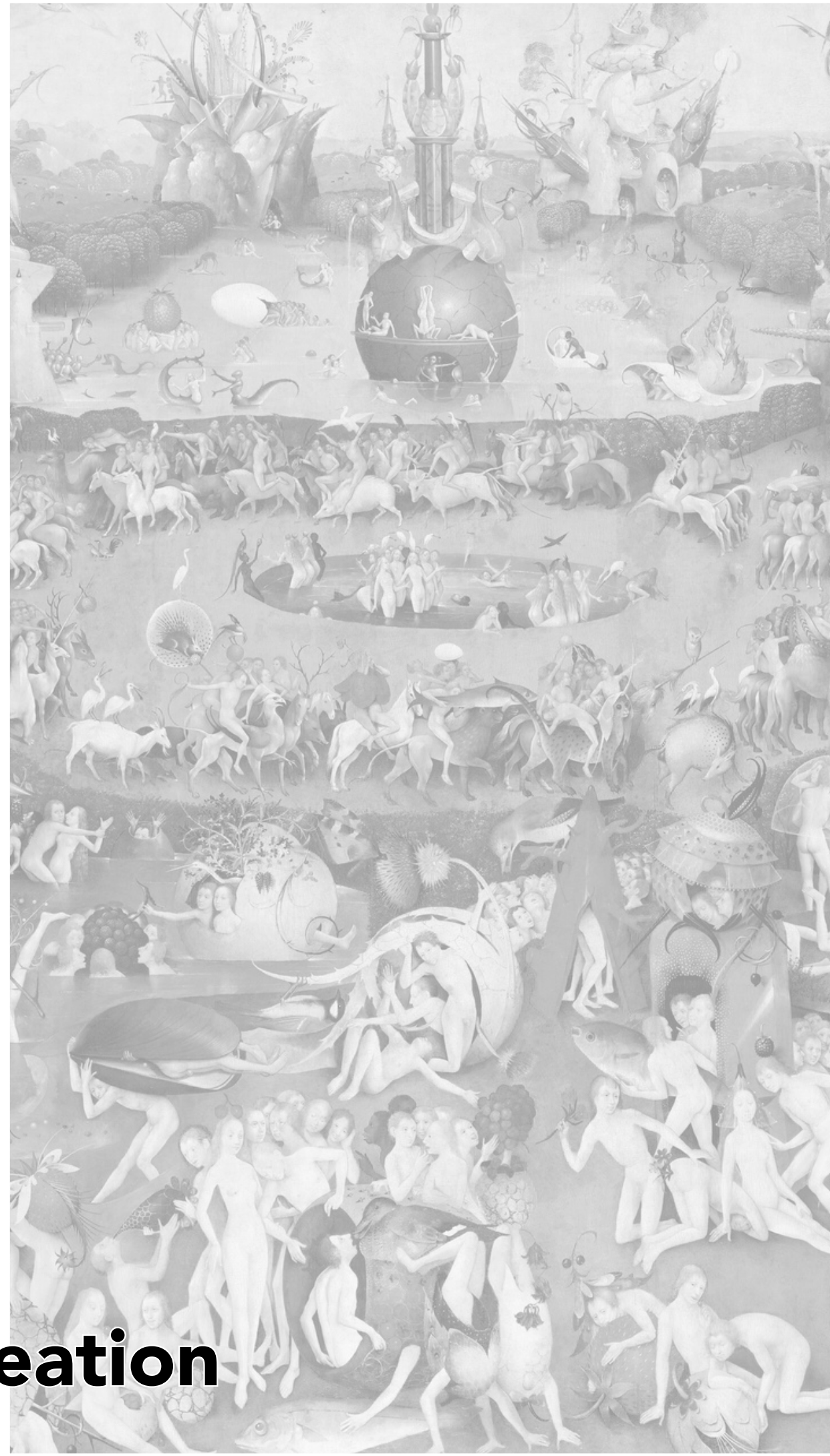
Working collaboratively with the site gardeners and arborist, it has been a priority to identify and maintain as many significant trees as possible and where possible using these trees to shape the final arrangement of the built form and landscape arrangement.



## PLATFORMS & HEIGHT DIFFERENTIALS

The landscape comprises a series of height differentials. Ranging from the existing lower garden, the Eden Square upper terrace through to the elevated restaurant rooftop terrace and Active and Wellness rock wall climbing and rooftop activation zone.





# 3.0 Design Ideation

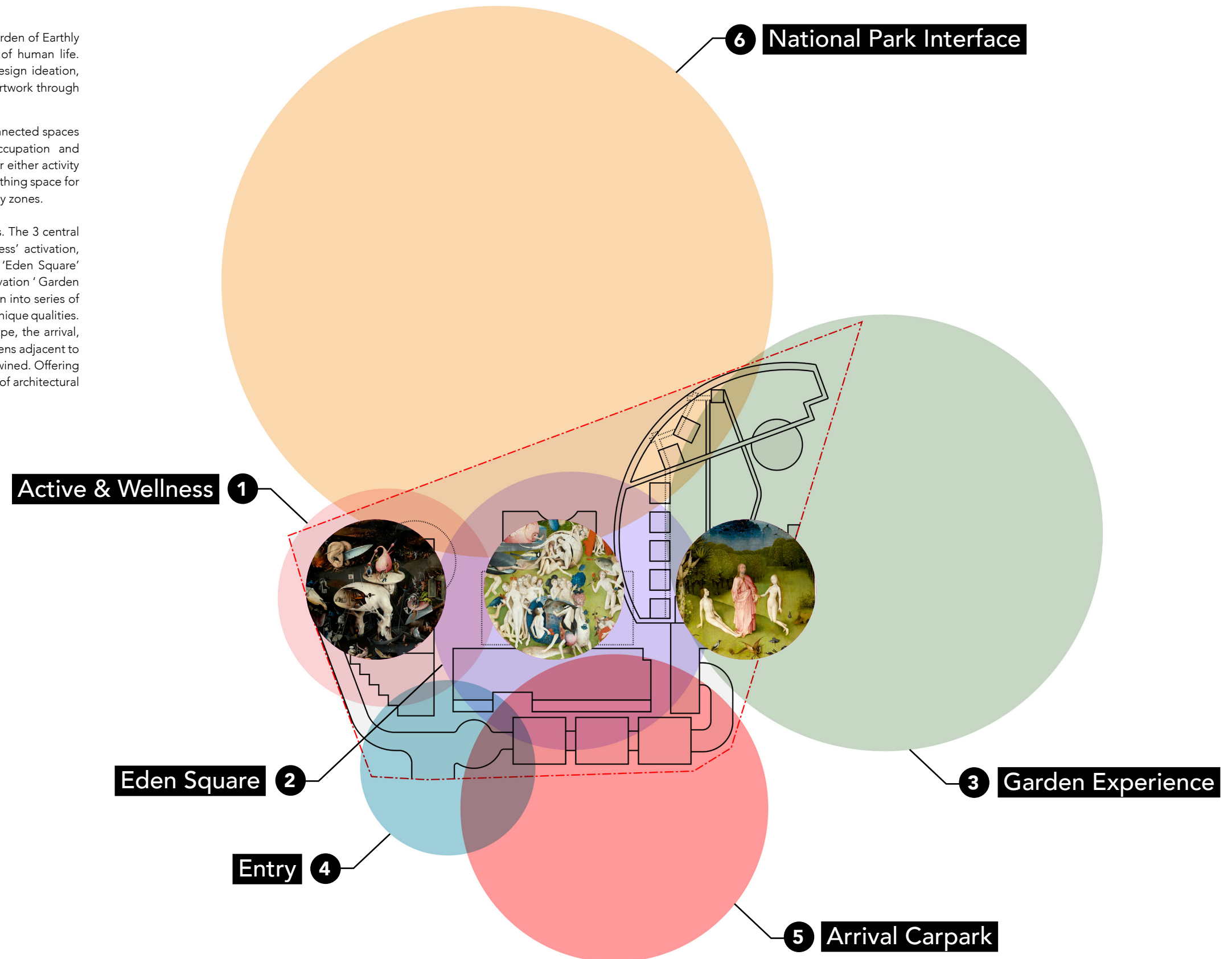


# 3.1 Bosch Triplet Painting & Landscape Zones

Hieronymus Bosch's triptych, known in current times as 'The Garden of Earthly Delights', is an attempt to describe the comic ephemerality of human life. In this context the triplet painting and the evolution of the design ideation, seeing the landscape as a series of spaces that reference the artwork through analogy, framework and allegory.

As a precinct of activity the Eden Gardens site is a series of connected spaces and places that express themselves independently for occupation and purpose. Whilst there is an ambition to program every space for either activity or economic return there is both a need and desire to allow breathing space for incidental and transitional areas and between the various activity zones.

The series of landscape spaces have been divided into 6 zones. The 3 central zones from north to south reflect the upper 'Active & Wellness' activation, the central, upper terrace as the active social programmable 'Eden Square' space and the lower existing garden as the passive, quieter activation 'Garden Experience' space. Each of the three zones can be broken down into series of smaller activation zones, rooms or gardens; each with their own unique qualities. Connected to the 3 central zones are the entry, arrival landscape, the arrival, flexible use carpark and the eastern upper terrace series of gardens adjacent to the Lane Cove National Park. All 6 zones are inexplicably intertwined. Offering their own unique arrangements that respond to the varied array of architectural function and form.





# 3.2 Gardens of Earthly Delights

## Landscape Zones



The Garden of Earthly Delights, Hieronymus Bosch, 1490-1510.



The three central landscape spaces have been reimagined as the **anthropocentric landscape**, responding to an active and wellness program full of lively activation in a contemporary setting. The **composite landscape**, a flexible piazza like square surrounded by an activated forecourt and outdoor dining and hospitality opportunities. And the **natural landscape**, a reworking of the existing lower gardens. A series of smaller garden rooms and newly created function opportunities. A reflective series of spaces within an abundance of well established greenery.



## 3.2 Gardens of Earthly Delights

### Panel 1 - Anthropocentric Landscape



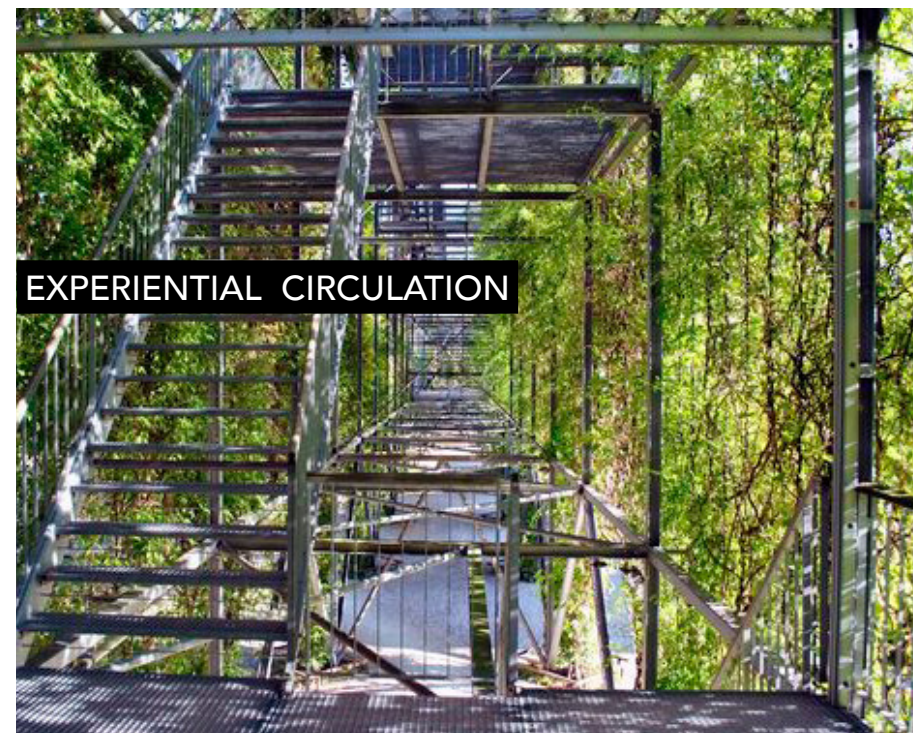
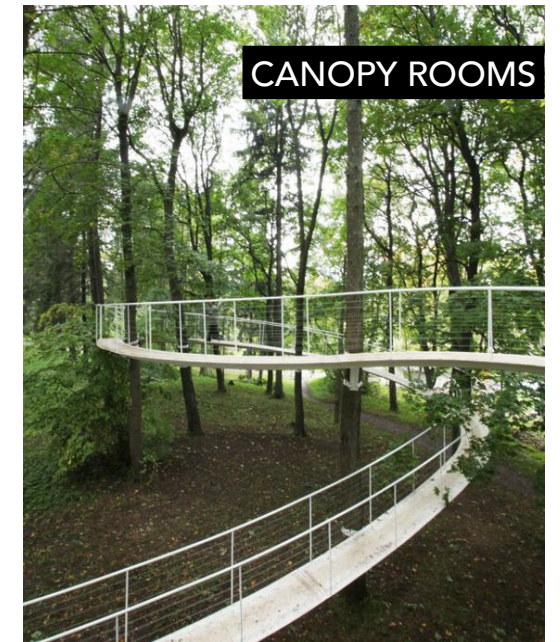
#### PANEL 1 - ANTHROPOCENTRIC LANDSCAPE

A dynamic series of activated landscape spaces, overlooking both the national park and city in the distance. The entire landscape is an artificial environment. A kaleidoscope of sculptural forms and planes. The activated program includes; wall climbing, bouldering, rooftop yoga and meditation. Exercise and activity opportunities, children's play area and passive leisure. Above this array of activation sit 3 circular canopies whose structure is comprised of solar arrays while providing shade.



## 3.2 Gardens of Earthly Delights

### Panel 2 - Composite Landscape



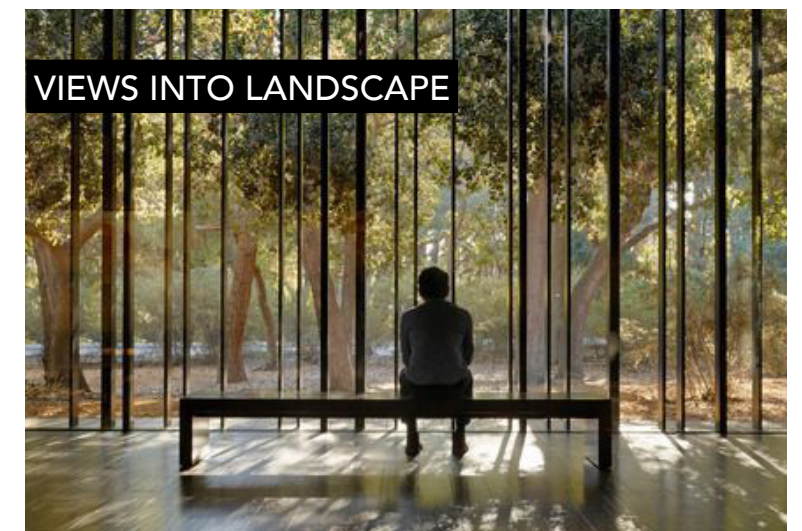
#### PANEL 2 - COMPOSITE LANDSCAPE

Surrounded by the garden centre / carpark, neighbourhood shops garden centre, the function centre, restaurant and the commercial tower lobby at its centre, Eden Square is a hub of activity and public thoroughfare. It is a place for all seasons and activation throughout the working week and weekend activation. The square allows for outdoor flexible gathering opportunities, weekend events, children's water play, sculptural seating elements, green walls and rooftop activation and one of the many sites for the annual 6 month Eden Unearthed Art and Sculpture exhibition.



## 3.2 Gardens of Earthly Delights

### Panel 3 - Natural Landscape



#### PANEL 3 - NATURAL LANDSCAPE

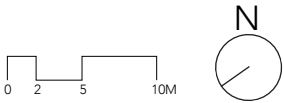
The lower garden is a myriad of garden rooms. From display gardens to poplar groves, a scribbly gum wellness forest. To formal lawns and event spaces, outdoor terraces, garden streams, sculptures and pavilions. Commemorative walls, reflective pools, landscape follies and elevated walkways. Closed canopy forest rooms and immersive gardens. Much of the lower garden is mature and well established and expertly maintained.



# 4.0 Design Response



# 4.1 Illustrative Masterplan



## A Series of Spaces

Landscape in this project is the 'place' of Eden Gardens. And it is the ambition in this 'place' to create a unique and contemporary destination precinct, rich in materiality and spatial quality, memorable and desirable, as a generator for return visits and enjoyment, as a place that integrates work, hospitality, recreation, functions and wellness. Above all it is a place to be enjoyed, a place of delight, reward and relaxation.

The Eden Gardens landscape at every level will be a visual and earthly delight.

The landscape is comprised of both horizontal and vertical surfaces beyond the line of the architectural ground plane footprint. In many cases the landscape informs the architecture, being generative in its form and initiating an integrative design response. The relationship of architecture and landscape is critical to the successful reading and use of the site and together define specific 'places' that function in particular ways and at particular times of the day/night.





## 4.2 Landscape Zones

The 6 landscape zones are subdivided to establish a series of landscape rooms that combined form the 'gardens of earthly delights'. The architectural response sits within this framework, providing the backdrop and functional overlay, establishing functionality and mood.

The outdoor rooms are an interplay between the gardenesque and the urban, intertwining from lower terrace to upper terrace. From upper terrace and rooftop activation. With an emphasis on spaces with a scale allowing for comfortable gatherings, casual exploration and meandering and to quiet contemplation.



### ZONE 6 NATIONAL PARK INTERFACE

- 1 Outdoor Dining
- 2 Children's Water Play
- 3 Garden Rooms / Fire Vehicle Access
- 4 Flexible Plaza / Fire Vehicle Access
- 5 Active Zone
- 6 Carpark Access / BOH Area

### ZONE 4 ENTRY

- 1 Pedestrian Thoroughfare
- 2 Entry Plaza
- 3 Outdoor Garden Centre Interface
- 4 Vehicle Carpark Access

### ZONE 1 ACTIVE & WELLNESS

- 1 Rooftop Wellness
- 2 Rock Wall Climbing
- 3 Rooftop Fitness
- 4 Rooftop Play
- 5 Low Level Rooftop Garden

### ZONE 2 EDEN SQUARE

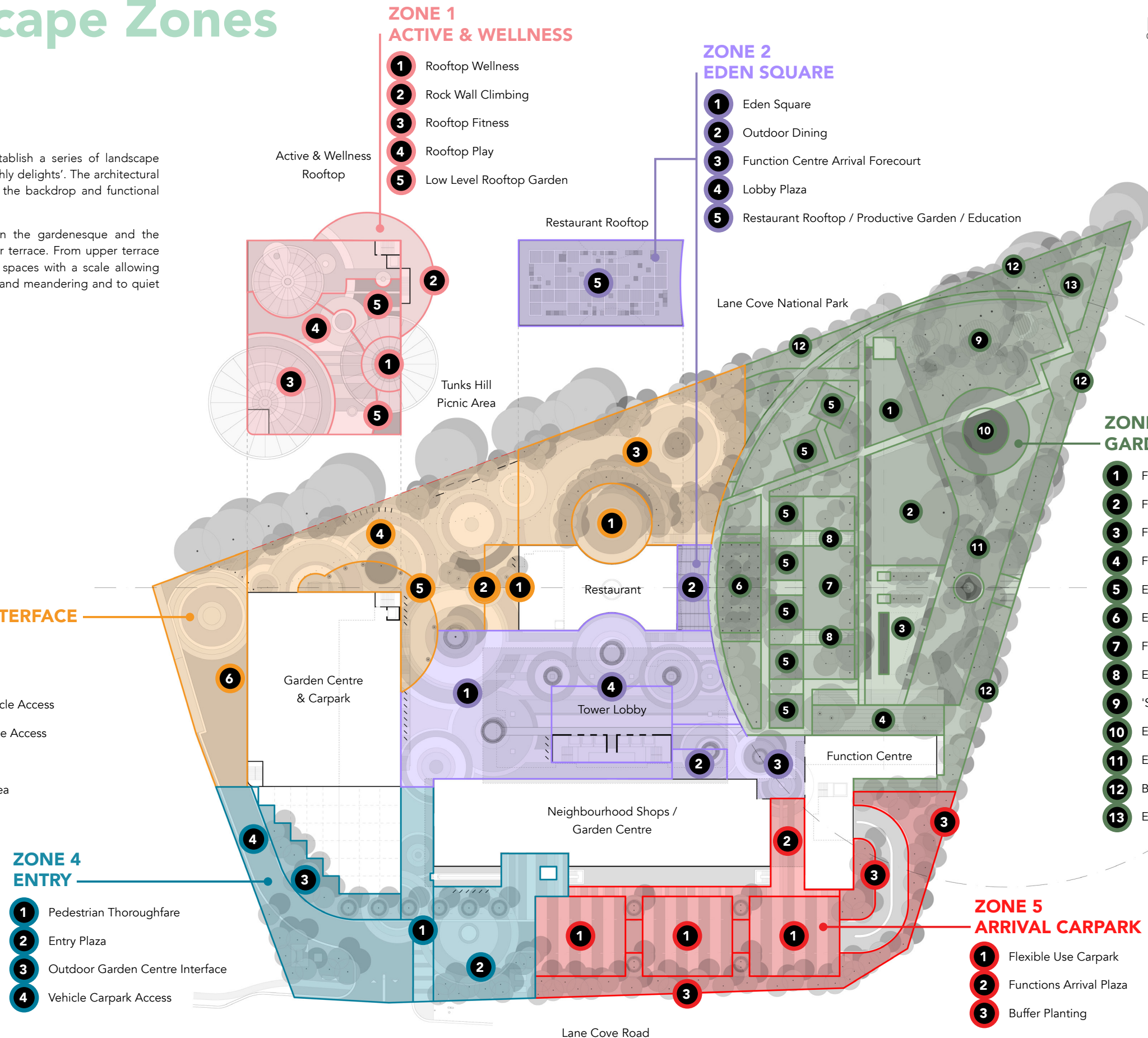
- 1 Eden Square
- 2 Outdoor Dining
- 3 Function Centre Arrival Forecourt
- 4 Lobby Plaza
- 5 Restaurant Rooftop / Productive Garden / Education

### ZONE 3 GARDEN EXPERIENCE

- 1 Functions Garden Lawn No. 1
- 2 Functions Garden Lawn No. 2
- 3 Functions Garden Reflective Pool
- 4 Function Room Outdoor Terrace
- 5 Existing '7 Beds' Display Gardens
- 6 Existing Poplar Tree Copse
- 7 Function Lawn & Rose Garden
- 8 Existing Arbours
- 9 'Scribbly Gum' Wellness Forest
- 10 Existing Water Basin
- 11 Existing Stream Garden
- 12 Buffer Planting
- 13 Existing Gardener's Compound

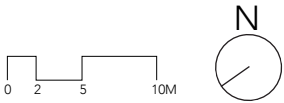
### ZONE 5 ARRIVAL CARPARK

- 1 Flexible Use Carpark
- 2 Functions Arrival Plaza
- 3 Buffer Planting





# 4.3 Movement & Place

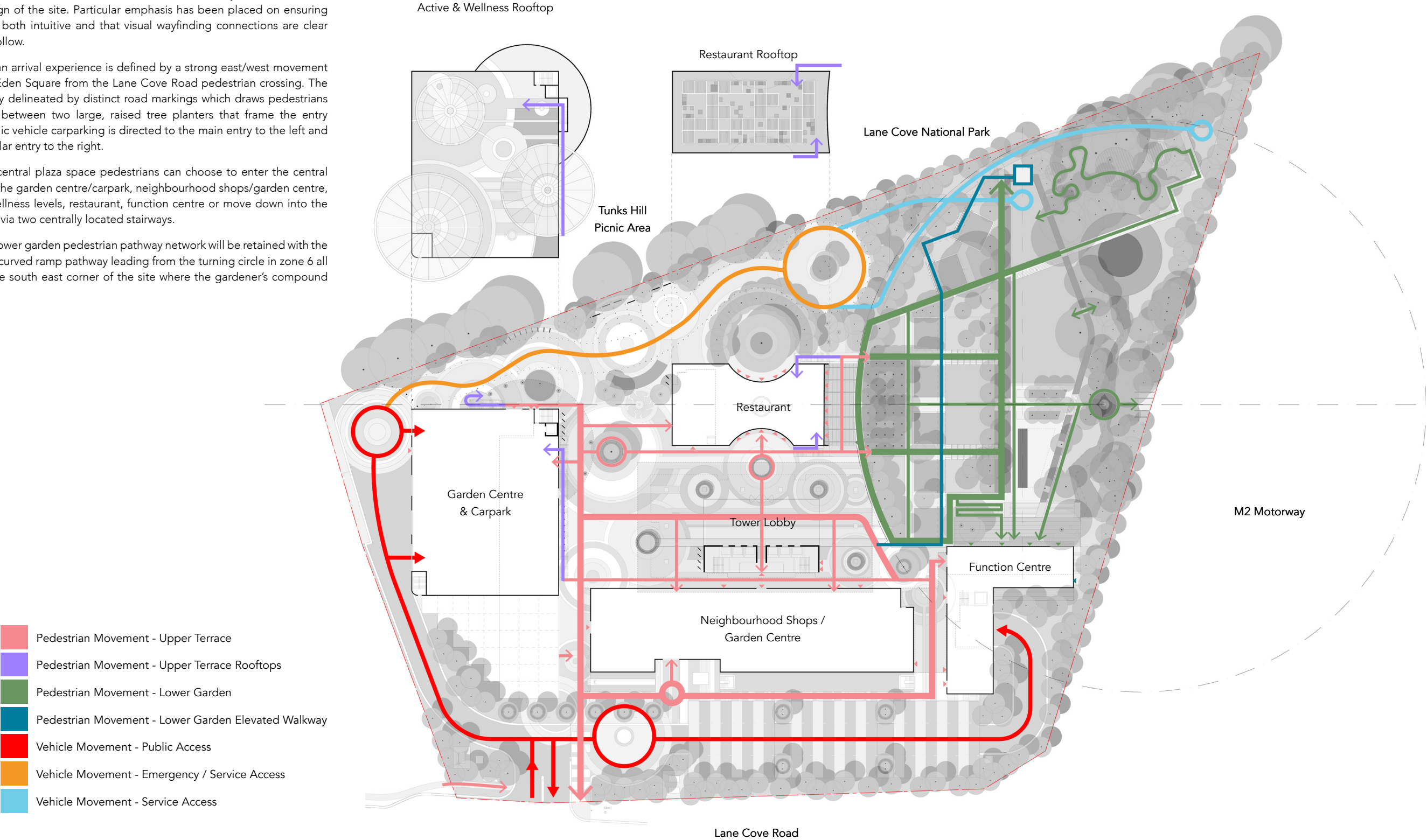


Both pedestrian and vehicular movement has been carefully considered in the external design of the site. Particular emphasis has been placed on ensuring movement is both intuitive and that visual wayfinding connections are clear and easy to follow.

The pedestrian arrival experience is defined by a strong east/west movement directly into Eden Square from the Lane Cove Road pedestrian crossing. The entry is clearly delineated by distinct road markings which draws pedestrians into the site between two large, raised tree planters that frame the entry pathway. Public vehicle carparking is directed to the main entry to the left and secure vehicular entry to the right.

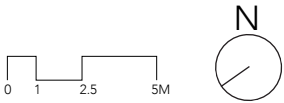
Once in the central plaza space pedestrians can choose to enter the central tower lobby, the garden centre/carpark, neighbourhood shops/garden centre, active and wellness levels, restaurant, function centre or move down into the lower garden via two centrally located stairways.

The existing lower garden pedestrian pathway network will be retained with the addition of a curved ramp pathway leading from the turning circle in zone 6 all the way to the south east corner of the site where the gardener's compound is located.





# 4.4 Zone 1 - Active & Wellness



The elevated carpark eastern façade rock wall climbing and rooftop activation form the physical and wellness activation area, Making zone 1 a one stop shop for all things active recreation.

The all-weather climbing wall allows for skill level progression. While the rooftop bouldering allows for rope free climbing development. The rooftop with its sheltered canopies allow for activation such as informal yoga/meditation classes or flexible outdoor fitness. It provides a landscape for an urban play circuit for both toddlers and grown-ups alike. The rooftop also provides low level greenery and seating opportunities with expansive views of the adjacent Lane Cove National Park.

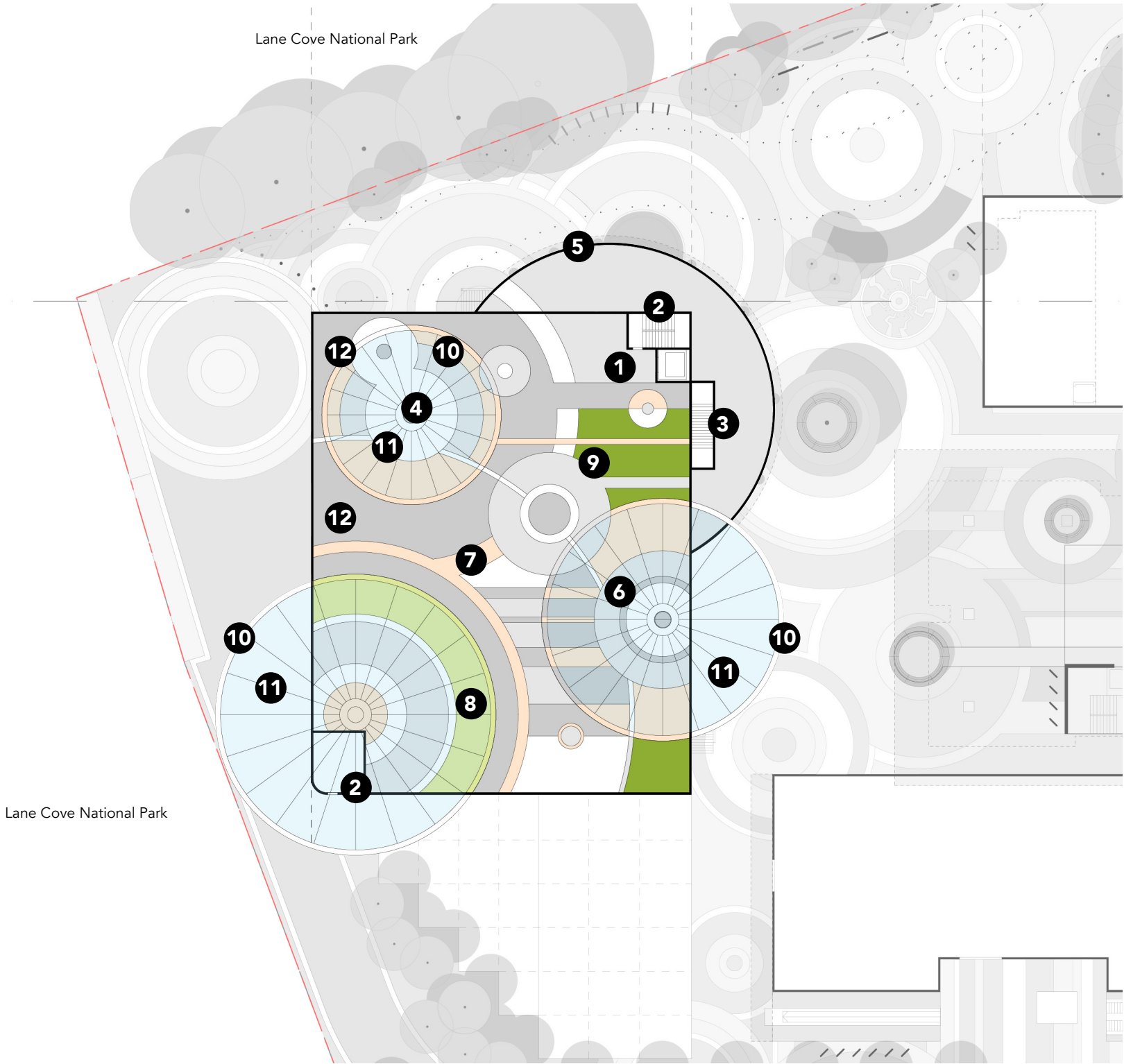


Flexible Rooftop



Active Climbing Wall

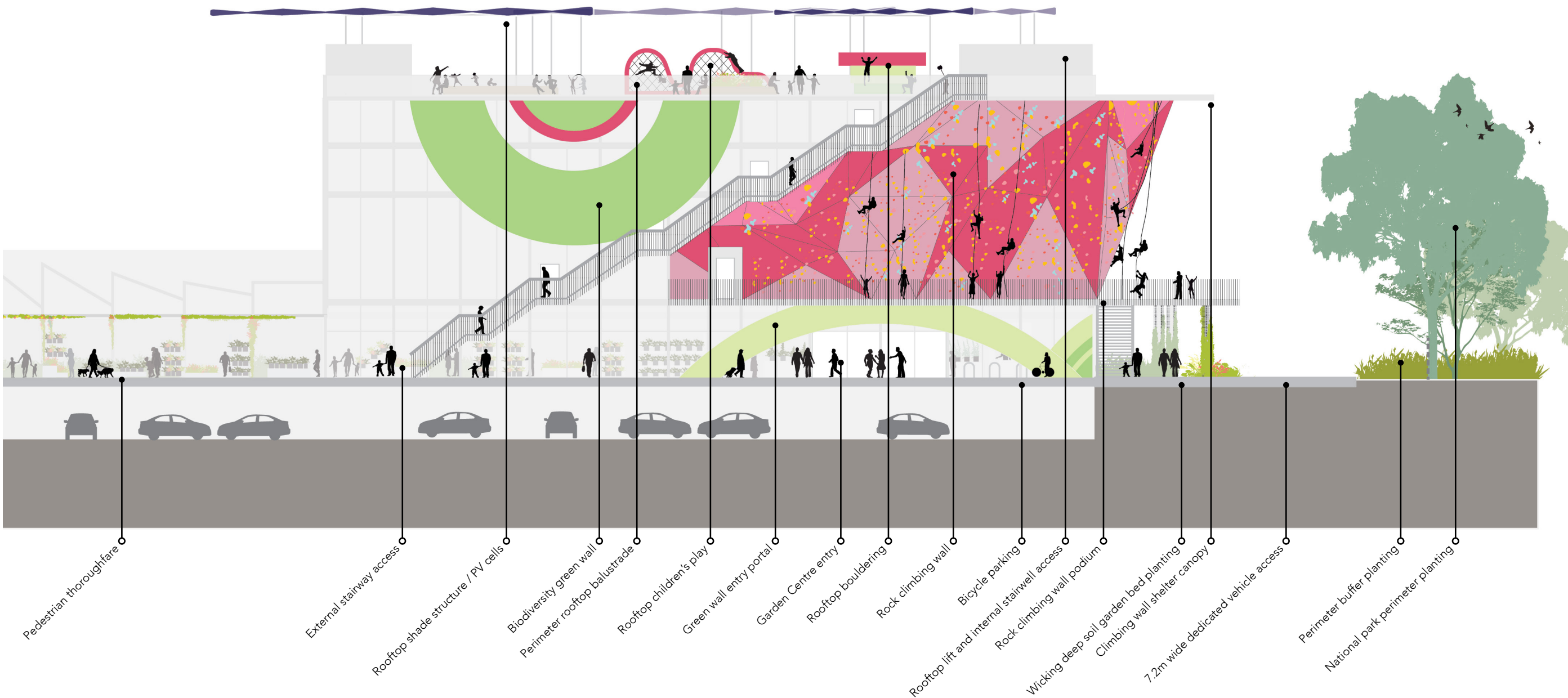
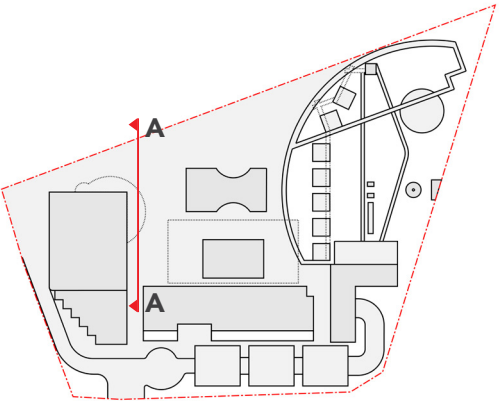
- 1 Lift Access
- 2 Internal Stair Access
- 3 External Stair Access
- 4 Bouldering
- 5 Rock Climbing Wall & Canopy
- 6 Yoga
- 7 Kids Play
- 8 Personal Training
- 9 Shallow Low Level Garden Bed
- 10 PV Cells Shelter Structure
- 11 PV Cells
- 12 Viewing Area





# 4.4 Zone 1 - Active & Wellness

SECTION A-A: ACTIVE & WELLNESS



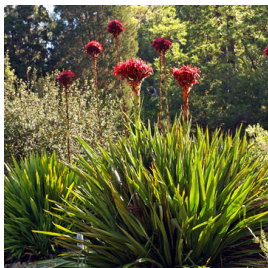


# 4.4 Zone 1 - Active & Wellness

## PLANT SCHEDULE



Aloe sp.



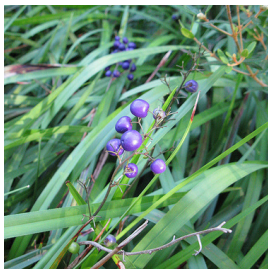
Doryanthes excelsa



Wistringia fruticosa



Lomandra cylindrica



Dianella revoluta



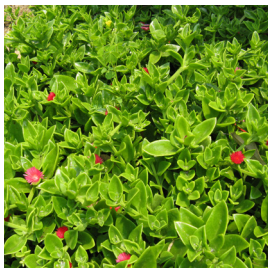
Lomandra glauca



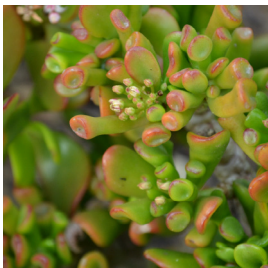
Poa poiiformis



Senecio 'Blue Chalk Sticks'



Aptenia cordifolia



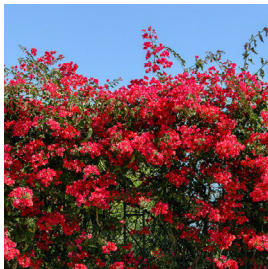
Crassula sp.



Tricoryne elatior



Dicondra repens 'Silver Falls'



Bougainvillea glabra

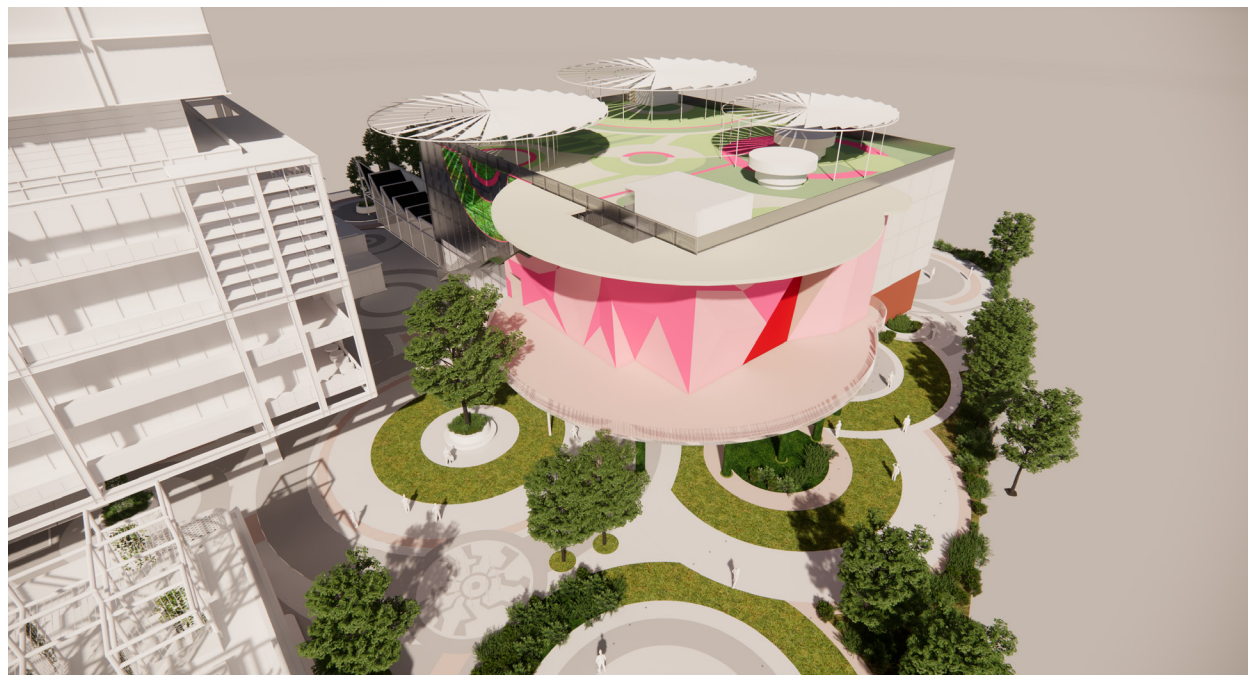
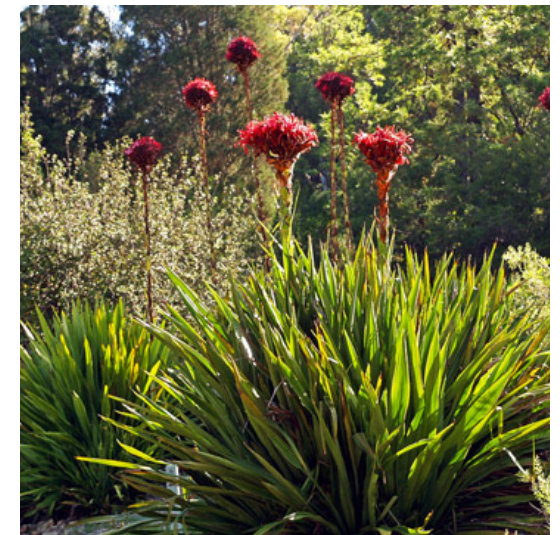
Note: Plant selection based on low water consumption species.

Plant code	Botanical name	Common Name	Origin	Install Size	Planting Density (plants/m <sup>2</sup> )	Mature Size (HxW) metres
SHRUBS / HEDGES						
DORexc	<i>Doryanthes excelsa</i>	Gynea Lily	Native	30cm	1	4 x 3
WISfru	<i>Wistringia fruticosa</i>	Coastal Rosemary	Native	20cm	1	2 x 4
ALOspp	<i>Aloe spp.</i>	Aloe	Exotic	20cm	1	5 x 2
GROUNDCOVERS						
LOMcyl	<i>Lomandra cylindrica</i>	Lime Wave	Native	14cm	4	0.7 x 0.7
DIArev	<i>Dianella revoluta</i>	Black-anther Flax-lily	Native	Tube	4	1 x 1.5
LOMgla	<i>Lomandra glauca</i>	Lomandra	Native	Tube	4	0.3 x 0.4
POApoi	<i>Poa poiiformis</i>	Coastal Tussock Grass	Native	Tube	4	1.2 x 1.5
SENblu	<i>Senecio 'Blue Chalk Sticks'</i>	Blue Chalk Sticks	Exotic	14cm	4	0.6 x 0.6
APTcor	<i>Aptenia cordifolia</i>	Variegated Heartleaf	Exotic	14cm	4	0.2 x 0.1
CRA spp	<i>Crassula sp.</i>	Crassula	Exotic	Tube	4	0.1 x 0.3
TRlela	<i>Tricoryne elatior</i>	Yellow Autumn Lily	Native	Tube	4	0.4 x 0.4
DICrep	<i>Dicondra repens 'Silver Falls'</i>	Silver Falls	Native	14cm	4	0.2 x 2
BOUgla	<i>Bougainvillea glabra</i>	Bougainvillea	Exotic	20cm	N/A	5 x 1



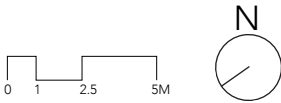
## 4.4 Zone 1 - Active & Wellness

### HARDSCAPE & SOFTSCAPE PALETTE





# 4.5 Zone 2 - Eden Square



Centrally located, this zone is the hub of the upper terrace plateau, connecting 5 distinct building typologies into one unified event space. Within this event space are a series of smaller breakout spaces relating to outdoor dining, function centre forecourt, kiosk informal eatery, children's water play and flexible lobby environment.

The circular paving geometry allows for the articulation of gathering spaces, furniture location and provides a unifying geometry across the site tying together the varied array of building elements. The paving geometry also allows for the transition of paving materials from insitu pavements to paver units to reinforced grass depending on the quality of finish and degree of hardness.

In the case of the restaurant the entry and paving geometry work hand in hand to create an inviting sense of arrival which flows axially in to the tower lobby and the neighbourhood shops beyond.



Programmed Events



Decorative Pavement

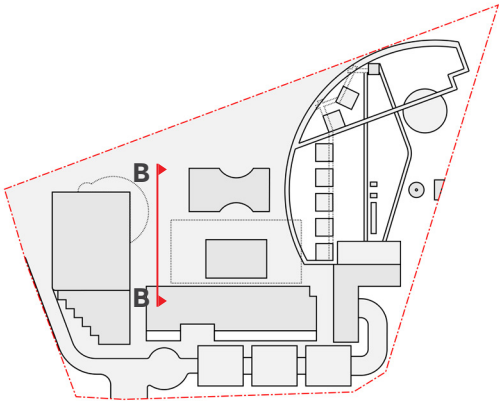
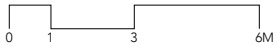
- 1 Pedestrian Thouroughfare
- 2 Arrival Plaza
- 3 Raised Circular Seating
- 4 Feature Tree
- 5 Decorative Paving
- 6 Reinforced Grass
- 7 Children's Water Play
- 8 Outdoor Seating
- 9 Tower Lobby
- 10 Neighbourhood Shops Outdoor Seating
- 11 Restaurant Outdoor Dining
- 12 Rooftop Seating / Productive Garden
- 13 Function Centre Arrival Forecourt
- 14 Lower Garden Stairway
- 15 Bicycle Parking





# 4.5 Zone 2 - Eden Square

SECTION B-B: EDEN SQUARE



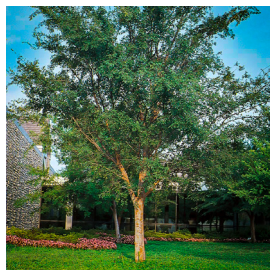


# 4.5 Zone 2 - Eden Square

## PLANT SCHEDULE



Fraxinus angustifolia 'Raywood'



Ulmus parvifolia



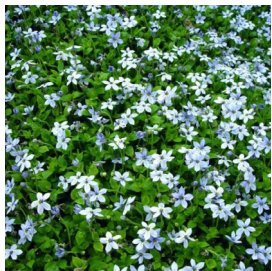
Senecio 'Blue Chalk Sticks'



Aptenia cordifolia



Dicondra repens 'Silver Falls'



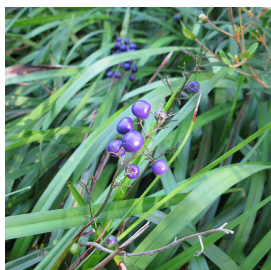
Isotoma fluviatilis



Wistorgia fruticosa



Lomandra cylindrica



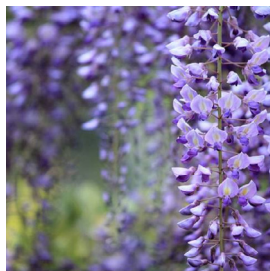
Dianella revoluta



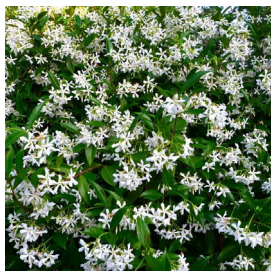
Poa poiiformis



Bouganvillea glabra



Wisteria sinensis



Trachelospermum jasminoides

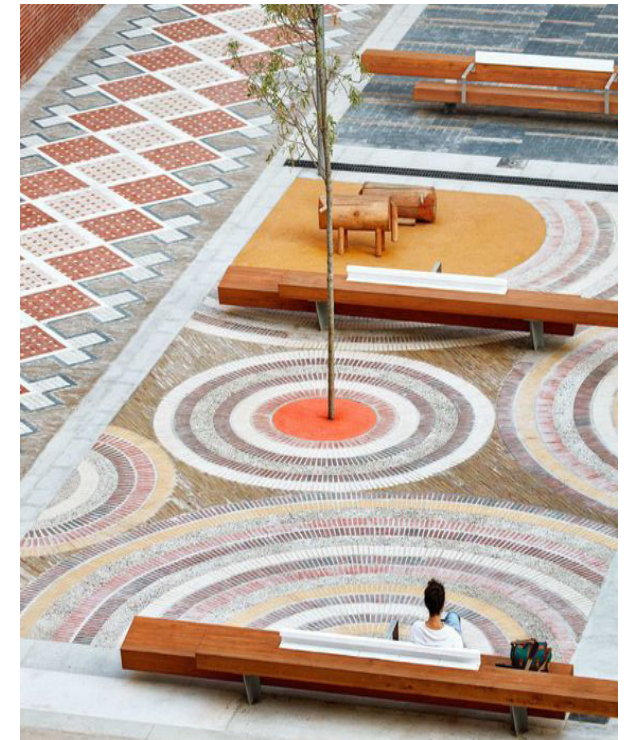
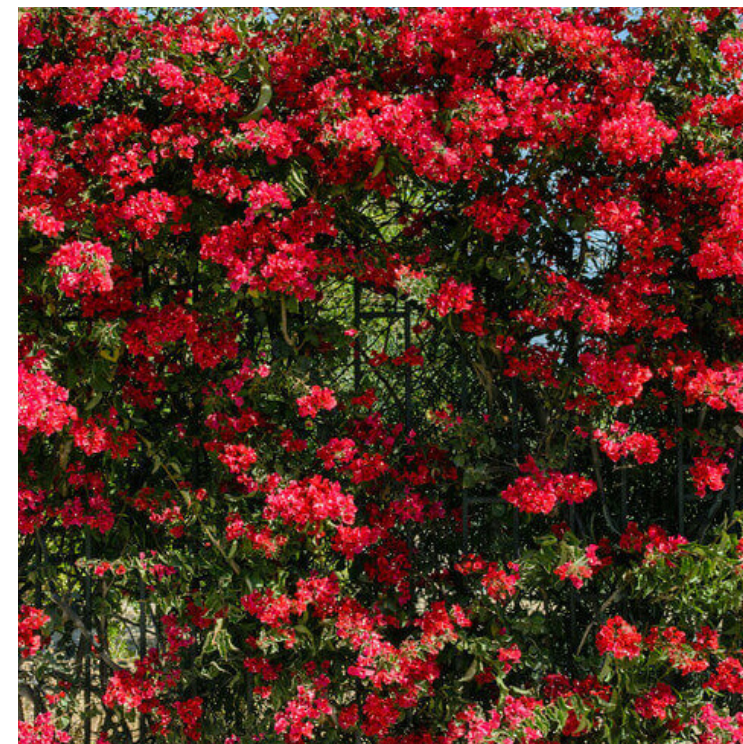
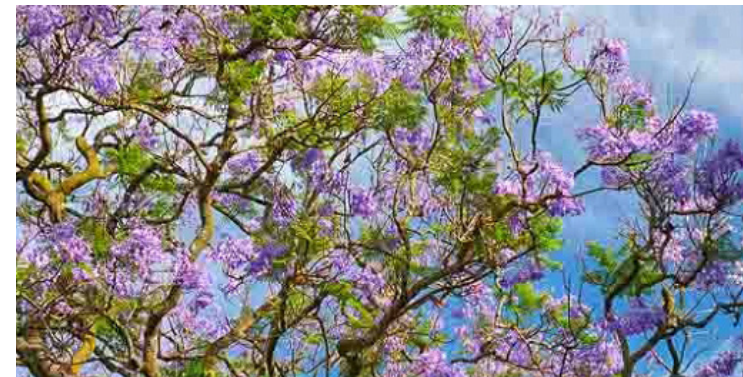
Note: Plant selection based on low water consumption species.

Plant code	Botanical name	Common Name	Origin	Install Size	Planting Density (plants/m <sup>2</sup> )	Mature Size (HxW) metres
TREES						
FRAang	Fraxinus angustifolia 'Raywood'	Claret Ash	Exotic	100lt	N/A	15 x 5
ULMpar	Ulmus parvifolia	Chinese elm	Exotic	100lt	N/A	10 x 11
SHRUBS / HEDGES						
WISfru	Wistorgia fruticosa	Coastal Rosemary	Native	20cm	1	2 x 4
GROUNDCOVERS						
SENblu	Senecio 'Blue Chalk Sticks'	Blue Chalk Sticks	Exotic	14cm	4	0.6 x 0.6
APTcor	Aptenia cordifolia	Variegated Heartleaf	Exotic	14cm	4	0.2 x 0.1
DICrep	Dicondra repens 'Silver Falls'	Silver Falls	Native	14cm	4	0.2 x 2
ISOflu	Isotoma fluviatilis	Blue Star Creeper	Native	Tube	4	0.04 x 0.3
LOMcyL	Lomandra cylindrica	Lime Wave	Native	14cm	4	0.7 x 0.7
DIArev	Dianella revoluta	Black-anther Flax-lily	Native	Tube	4	1 x 1.5
POApoi	Poa poiiformis	Coastal Tussock Grass	Native	Tube	4	1.2 x 1.5
WISSin	Wisteria sinensis	Chinese wisteria	Exotic	20cm	N/A	10 x 4
TRAjas	Trachelospermum jasminoides	Star Jasmine	Exotic	20cm	N/A	3 x 1
BOUgla	Bouganvillea glabra	Bouganvillea	Exotic	20cm	N/A	5 x 1



# 4.5 Zone 2 - Eden Square

## HARDSCAPE & SOFTSCAPE PALETTE





## 4.6 Zone 3 - Garden Experience

A complex horticultural wonderland. Comprising of 4 cascading terraces moving down the natural slope of the lower garden from the northern curved wall and poplar grove towards the south stream garden and scribbly gum wellness forest. The intent is to maintain the overall structure of the established garden with some minor amendments to improve the functional relationship between the function centre and associated ceremonial spaces. This includes provision for service vehicle movement along the eastern perimeter into both the widened ceremonial lawn and the gardener's compound.

Two new stairways have been located on either side of the poplar grove connecting the Eden Square upper terrace to the lower garden. As well as a new functions lawn between the existing arbour structures. The 'Eden Tree' is to be relocated to the lower stream garden, adjacent to a proposed pavilion at the termination of the main north / south axis. The elevated walkway entry has been realigned with the main upper terrace. Careful consideration has also been given to aligning the function centre terrace with the tower to its east.

The lower garden has been refined to allow for greater ceremonial activation and maximisation of program diversity.

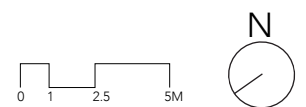
- 1 Enlarged Ceremonial Lawn
- 2 Widened Reflective Pool Paving Area
- 3 Function Centre Outdoor Deck
- 4 Cancer Council Wall
- 5 Relocated Eden Tree Sculpture
- 6 Pavilion
- 7 Function Lawn
- 8 Scribbly Gum Wellness Platforms
- 9 Avenue Trees
- 10 Existing Poplar Grove
- 11 Access Stairway
- 12 Existing Gardener's Compound
- 13 Access Road
- 14 DDA Access
- 15 Buffer Planting



Relocated Eden Tree



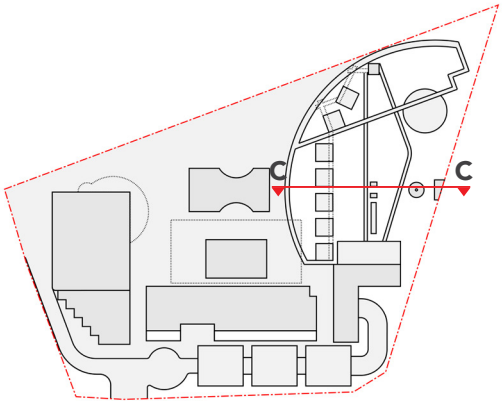
Widened Ceremonial Lawn





# 4.6 Zone 3 - Garden Experience

SECTION C-C: GARDEN EXPERIENCE



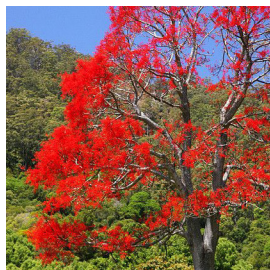


# 4.6 Zone 3 - Garden Experience

## PLANT SCHEDULE



Ginkgo biloba 'Fastigiata'



Brachychiton acerifolius



Jacaranda mimosifolia



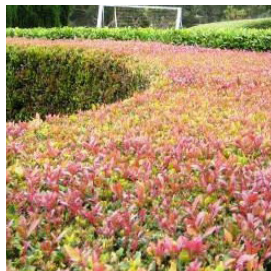
Taxodium distichum



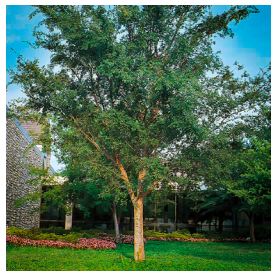
Populus simonii "Fastigiata"



Waterhousia floribunda



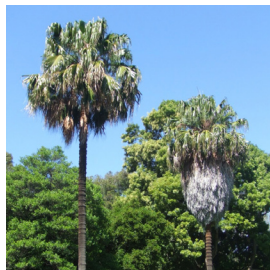
Acmena smithii



Ulmus parvifolia



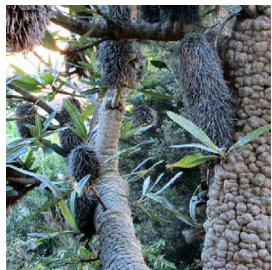
Melaleuca salicina



Livistona australis



Licuala ramsayi



Banksia serrata



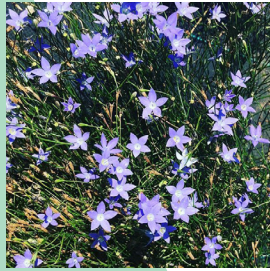
Eucalyptus haemastoma



Eucalyptus racemosa



Fraxinus angustifolia 'Raywood'



Wahlenbergia gracilis



Tricoryne elatior



Isotoma fluviatilis

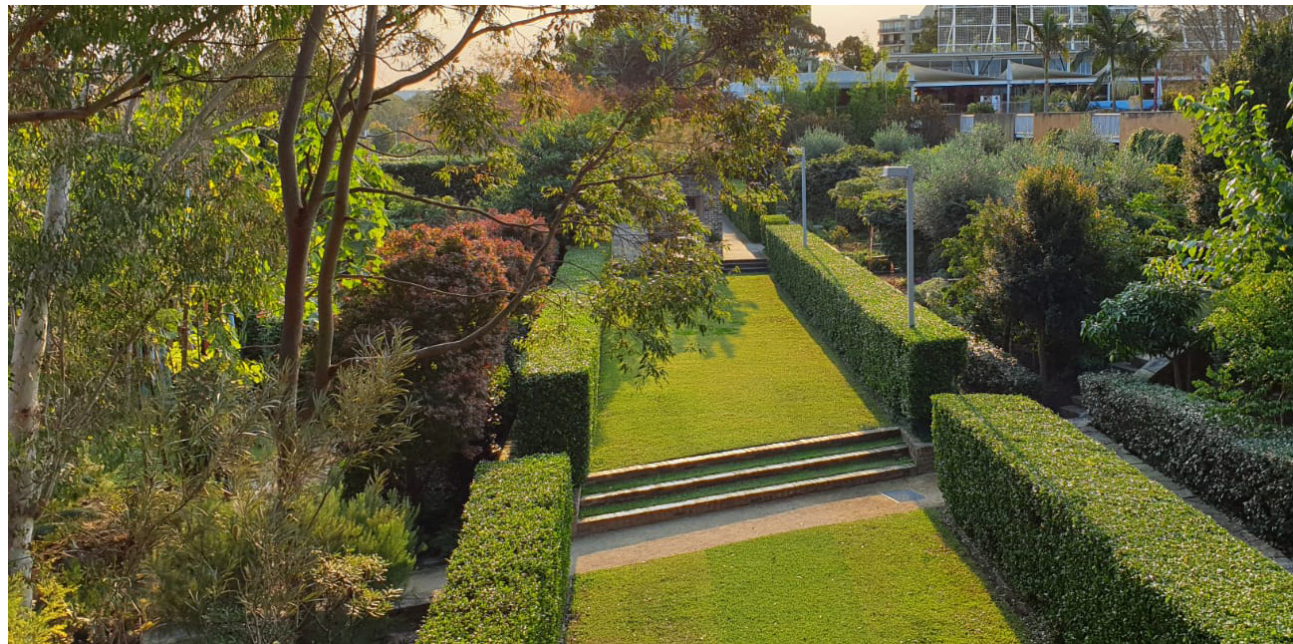
Note: Plant selection based on low water consumption species.

Plant code	Botanical name	Common Name	Origin	Install Size	Planting Density (plants/m <sup>2</sup> )	Mature Size (HxW) metres
TREES						
GINbil	<i>Ginkgo biloba 'Fastigiata'</i>	Ginkgo	Exotic	100lt	N/A	15 x 5
BRAace	<i>Brachychiton acerifolius</i>	Illawarra Flame Tree	Native	45lt	N/A	12 x 6
TAXdis	<i>Taxodium distichum</i>	Swamp cypress	Exotic	30cm	N/A	25 x 10
JACmim	<i>Jacaranda mimosifolia</i>	Jacaranda	Exotic	200lt	N/A	10 x 8
ULMpar	<i>Ulmus parvifolia</i>	Chinese elm	Exotic	100lt	N/A	10 x 11
POPsim	<i>Populus simonii "Fastigiata"</i>	Simon Poplar	Exotic	30cm	N/A	15 x 5
WATflor	<i>Waterhousia floribunda</i>	Weeping Lilly Pilly	Native	45lt	N/A	8 x 5
MELsal	<i>Melaleuca salicina</i>	Willow Bottlebrush	Native	Tube	N/A	2.5 x 2.5
LIVaus	<i>Livistona australis</i>	Cabbage tree palm	Native	45lt	N/A	15 x 4
EUCHae	<i>Eucalyptus haemastoma</i>	Scribbly Gum	Native	20cm	N/A	15 x 4
EUCrac	<i>Eucalyptus racemosa</i>	Narrow-leaved Scribbly Gum	Native	20cm	N/A	15 x 4
BANSer	<i>Banksia serrata</i>	Old Man Banksia	Native	20cm	N/A	10 x 4
FRAang	<i>Fraxinus angustifolia 'Raywood'</i>	Claret Ash	Exotic	100lt	N/A	15 x 5
SHRUBS / HEDGES						
ACMsmi	<i>Acmena smithii</i>	Common lilly pilly	Native	30cm	N/A	12 x 6
LICram	<i>Licuala ramsayi</i>	Australian Fan Palm	Native	30cm	N/A	10 x 3
GROUNDCOVERS						
WAHgra	<i>Wahlenbergia gracilis</i>	Australian bluebell	Native	Tube	6	0.6 x 0.6
TRlela	<i>Tricoryne elatior</i>	Yellow Autumn lily	Native	Tube	6	0.2 x 0.1
ISOflu	<i>Isotoma fluviatilis</i>	Blue Star Creeper	Native	Tube	6	0.04 x 0.3



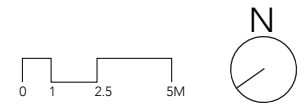
## 4.6 Zone 3 - Garden Experience

### HARDSCAPE & SOFTSCAPE PALETTE





## 4.7 Zone 4 - Entry



The pedestrian arrival experience is defined by a strong east/west movement directly into Eden Square from the Lane Cove Road pedestrian crossing. The entry is clearly delineated by distinct road markings which draws pedestrians into the site between two large, raised tree planters that frame the entry pathway.

The arrival experience allows for clear delineation between pedestrian and vehicle movement. A secure point adjacent to the distinct pedestrian crossing provides a protective barrier upon arrival. Vehicles are directed around to the north for all public parking and service vehicles, while private vehicles need to access a secure boom gate to turn south across the pedestrian access thoroughfare to the carpark in front of the neighbourhood retail and basement carpark beyond.

The entry plaza forecourt allows for both drop-off and lay-by parking, separate to the dedicated carpark in front of the neighbourhood retail. The circular geometry at the entry plaza is the start of a decorative paving motif that works its way through the public thoroughfare, between the garden centre/carpark and neighbourhood shops/garden centre, opening up to the wider expanse of the centrally located Eden Square.

The vehicular access to the north allows access to the basement carpark, elevated carpark, back of house area and the eastern interface into zone 6 and the lower garden.

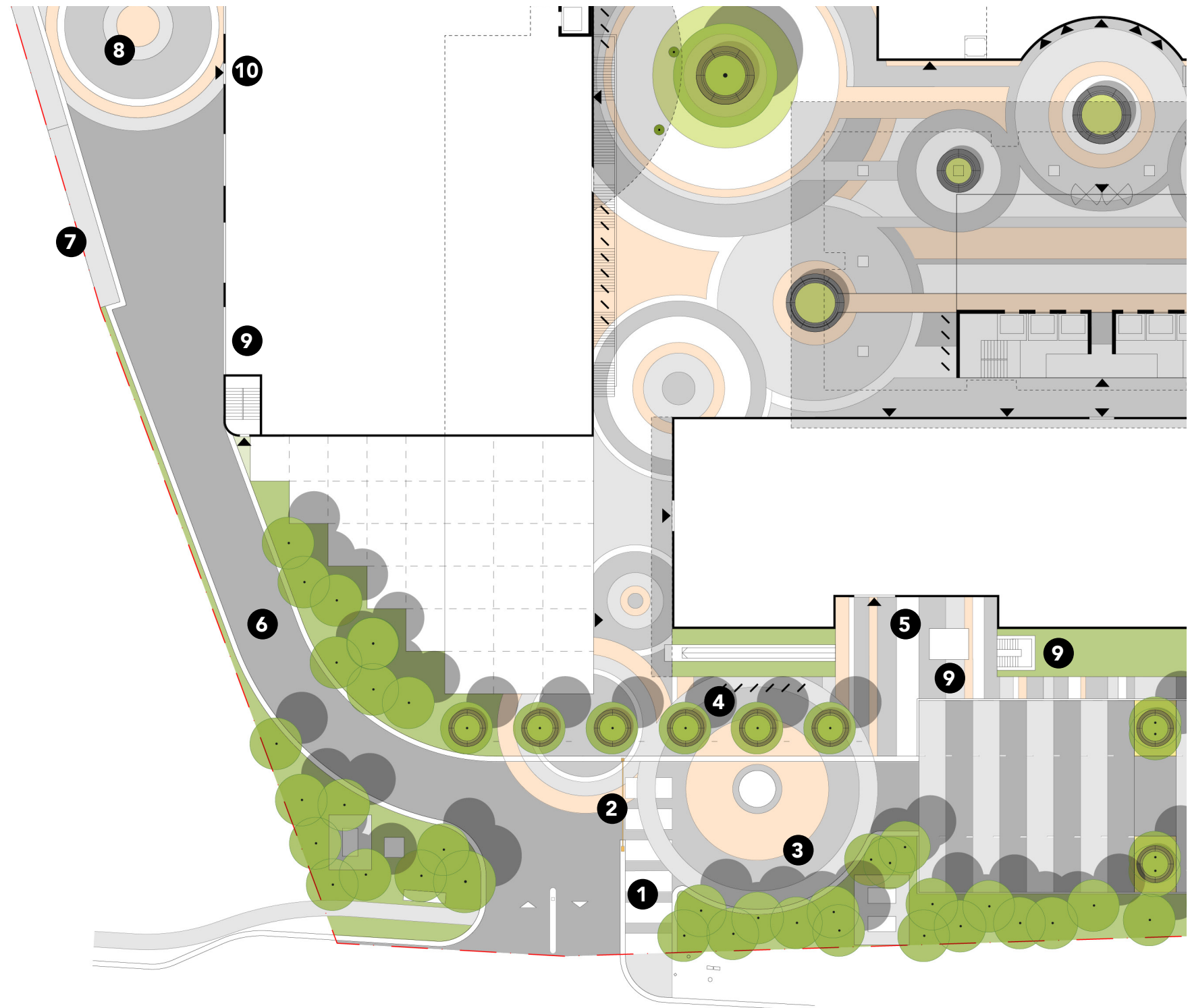


Arrival Plaza

- 1 Pedestrian Thoroughfare
- 2 Boom Barrier Entry
- 3 Entry Plaza
- 4 Raised Feature Tree
- 5 Neighbourhood Shops / GC Forecourt
- 6 Access Road
- 7 Water Tanks
- 8 U-Turn Roundabout
- 9 Basement Carpark Access
- 10 Elevated Carpark Access



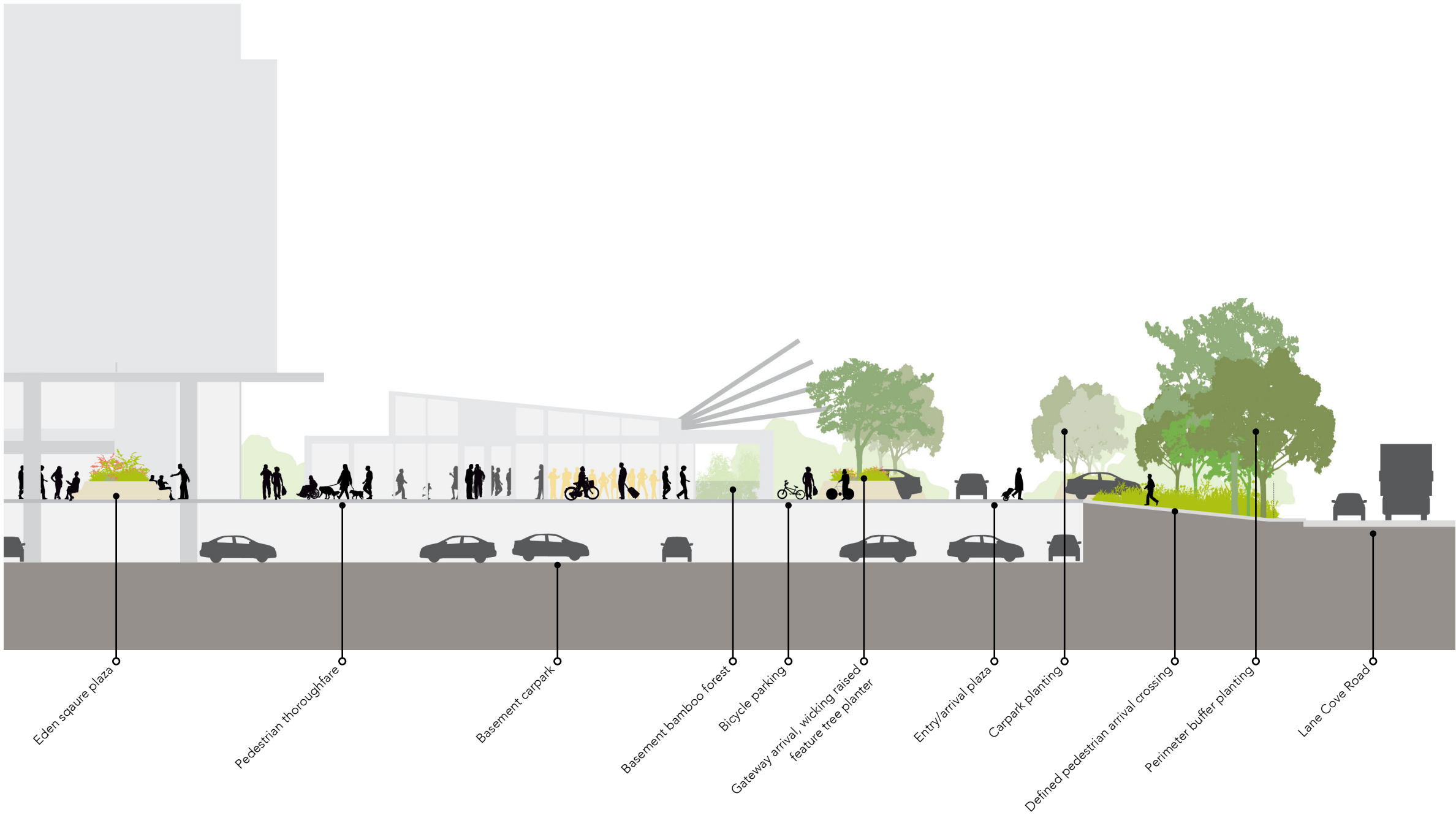
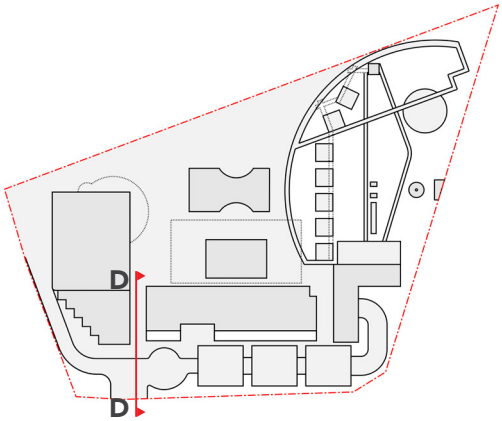
Pedestrian Friendly Entry





# 4.7 Zone 4 - Entry

SECTION D-D: ENTRY





# 4.7 Zone 4 - Entry

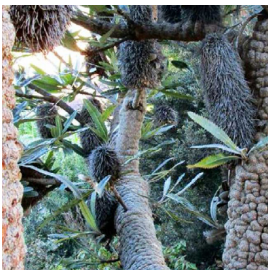
## PLANT SCHEDULE



Brachychiton acerifolius



Lagerstroemia indica x L. fauriei



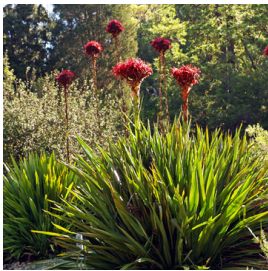
Banksia serrata



Allocasuarina littoralis



Wistringia fruticosa



Doryanthes excelsa



Aloe sp.



Poa poiformis



Dicondra repens 'Silver Falls'



Lomandra glauca



Bougainvillea glabra



Imperata cylindrica



Austrostipa ramosissima



Senecio 'Blue Chalk Sticks'



Aptenia cordifolia

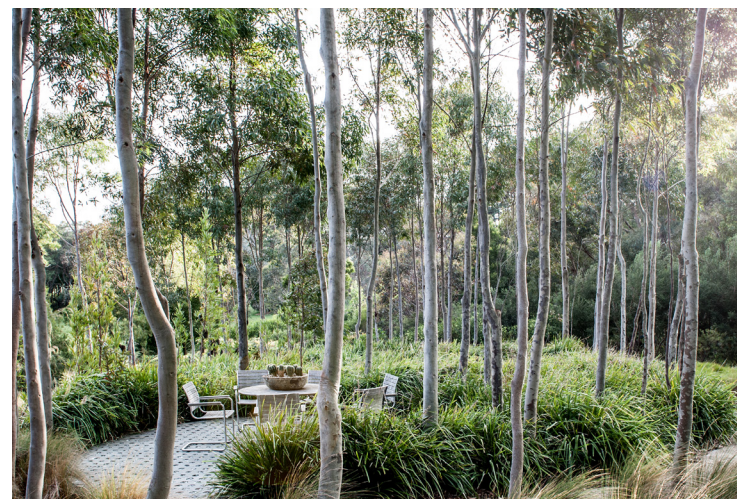
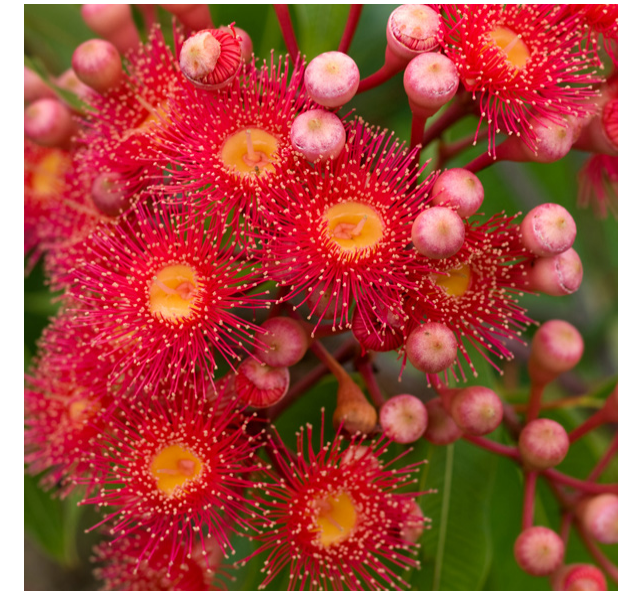
Note: Plant selection based on low water consumption species.

Plant code	Botanical name	Common Name	Origin	Install Size	Planting Density (plants/m <sup>2</sup> )	Mature Size (HxW) metres
TREES						
BANser	Banksia serrata	Old Man Banksia	Native	30cm	N/A	10 x 4
ALLlit	Allocasuarina littoralis	Black She-oak	Native	30cm	N/A	10 x 6
LAGind	Lagerstromia indica x L. fauriei	Crepe Myrtle	Exotic	Existing	N/A	5 x 4
BRAace	Brachychiton acerifolius	Illawarra Flame Tree	Native	45lt	N/A	12 x 6
SHRUBS / HEDGES						
WISfru	Wistringia fruticosa	Coastal Rosemary	Native	20cm	1	2 x 4
DORexc	Doryanthes excelsa	Gynea Lily	Native	30cm	1	4 x 3
ALO	Aloe sp.	Aloe	Exotic	20cm	1	0.5 x 0.5
GROUNDCOVERS						
POApoi	Poa poiformis	Coastal Tussock Grass	Native	Tube	4	1.2 x 1.5
IMPcyl	Imperata cylindrica	Cogon Grass	Native	Tube	4	1 x 1
AUSram	Austrostipa ramosissima	Bamboo Grass	Native	Tube	4	2 x 1
DICrep	Dicondra repens 'Silver Falls'	Silver Falls	Native	14cm	4	0.2 x 2
LOMgla	Lomandra glauca	Lomandra	Native	Tube	4	0.3 x 0.4
BOUgla	Bougainvillea glabra	Bougainvillea	Exotic	20cm	N/A	5 x 1
SEN	Senecio 'Blue Chalk Sticks'	Blue Chalk Sticks	Exotic	14cm	4	0.6 x 0.6
APTcor	Aptenia cordifolia	Variegated Heartleaf	Exotic	14cm	4	0.2 x 0.1



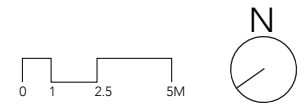
## 4.7 Zone 4 - Entry

### HARDSCAPE & SOFTSCAPE PALETTE





## 4.8 Zone 5 - Arrival Carpark



The arrival carpark is a secure access zone. Providing access to the western interface and upper terrace zones. The carpark super graphic patterning allows for a flexible use space and clear wayfinding. This area is surrounded by raised feature tree planters in front of the neighbourhood shops and tree and understorey buffer planting along Lane Cove Road boundary. The lower bamboo forest has been retained and an additional stairwell has been added to allow greater access into the neighbourhood shops / garden centre from the basement carpark.

Strong pavement and vegetation articulation leads and connects users into both the neighbourhood shops and the function centre from zone 5.

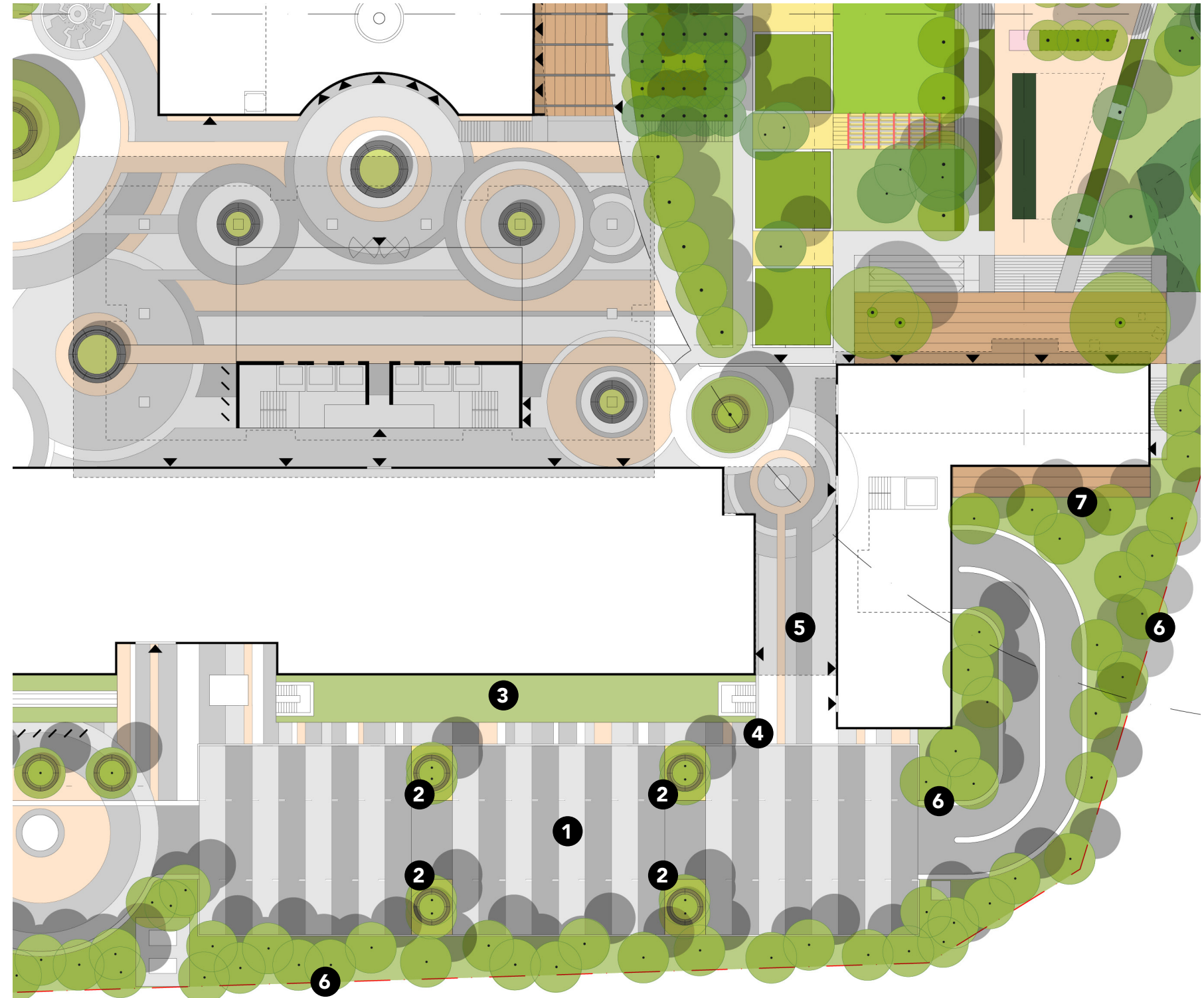


Textured Carpark



Pedestrian Friendly

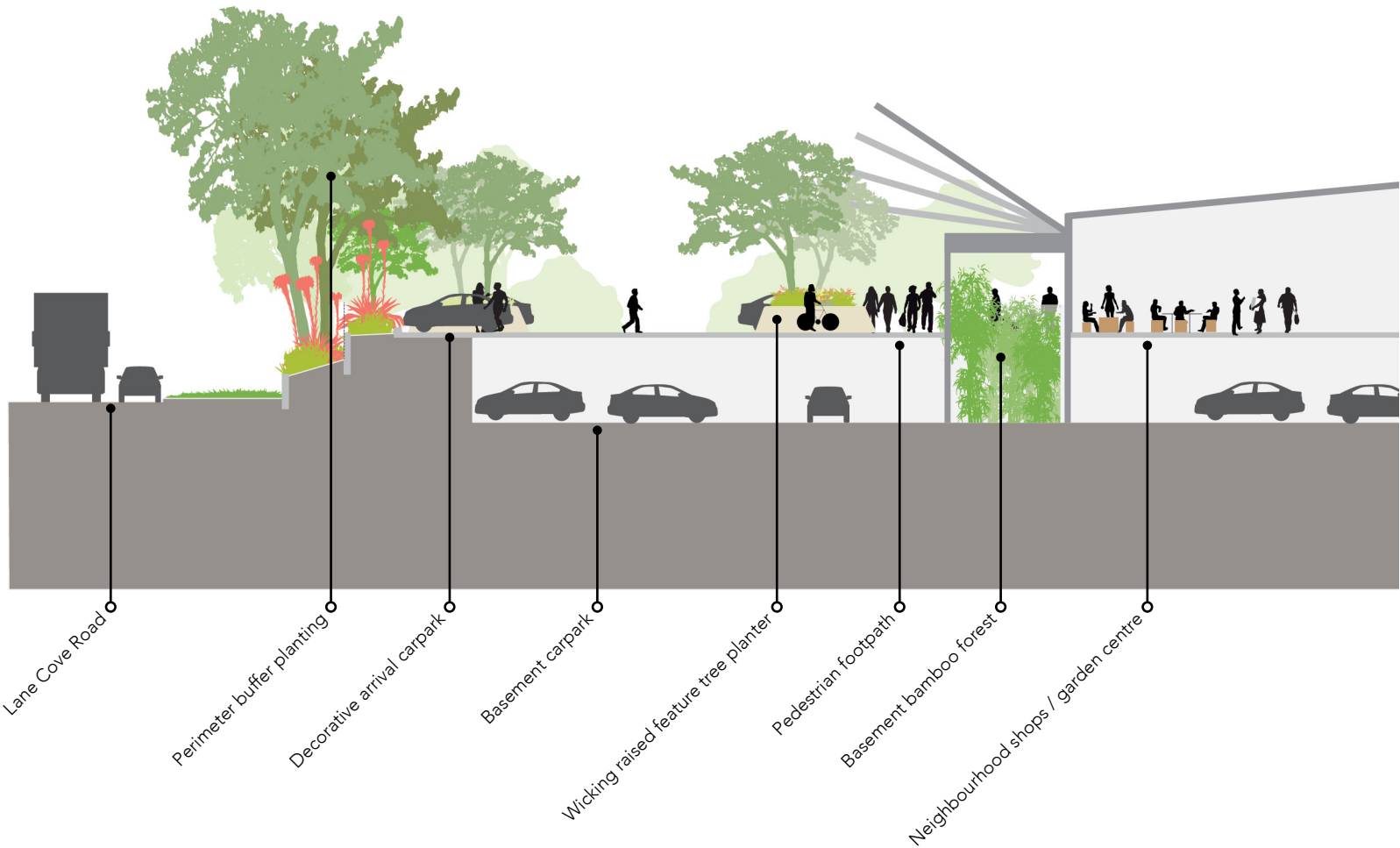
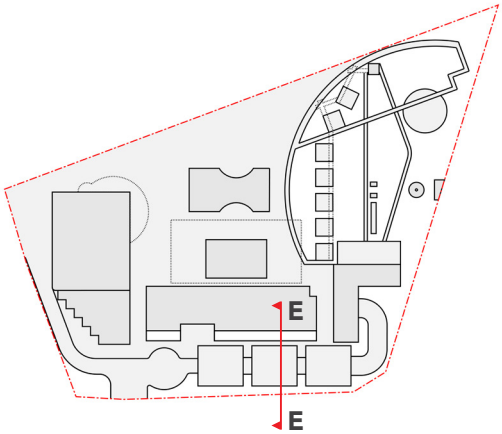
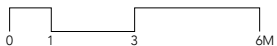
- 1 Decorative Asphalt Carpark
- 2 Raised Feature Tree
- 3 Basement Bamboo Forest
- 4 Relocated Basement Stairwell Access
- 5 Arrival Decorative Paving
- 6 Buffer Planting
- 7 Function Centre Western Deck





# 4.8 Zone 5 - Arrival Carpark

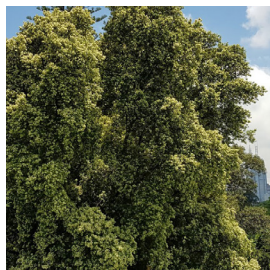
SECTION E-E: ARRIVAL CARPARK



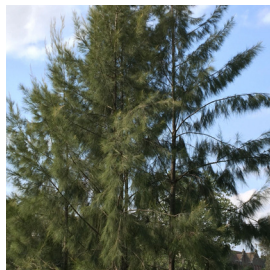


# 4.8 Zone 5 - Arrival Carpark

## PLANT SCHEDULE



Backhousia myrtifolia



Allocasuarina littoralis



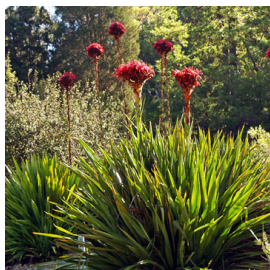
Brachychiton acerifolius



Dracaena draco



Wstringia fruticosa



Doryanthes excelsa



Aloe sp.



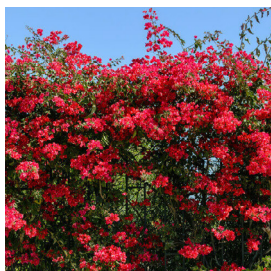
Poa poiformis



Dicondra repens 'Silver Falls'



Lomandra glauca



Bougainvillea glabra



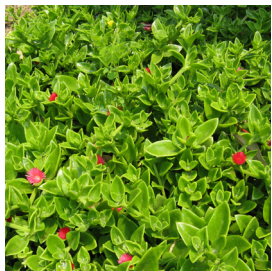
Imperata cylindrica



Austrostipa ramosissima



Senecio 'Blue Chalk Sticks'



Aptenia cordifolia

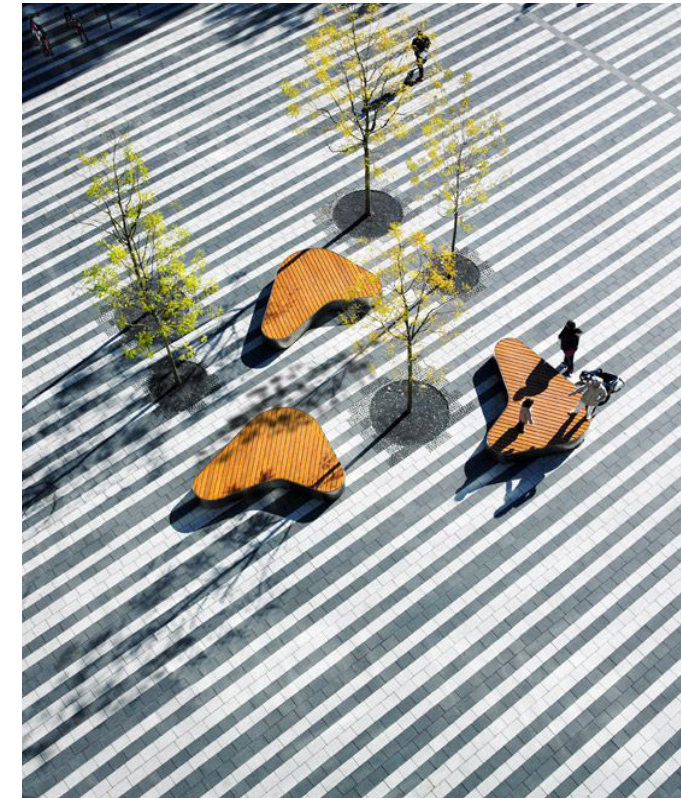
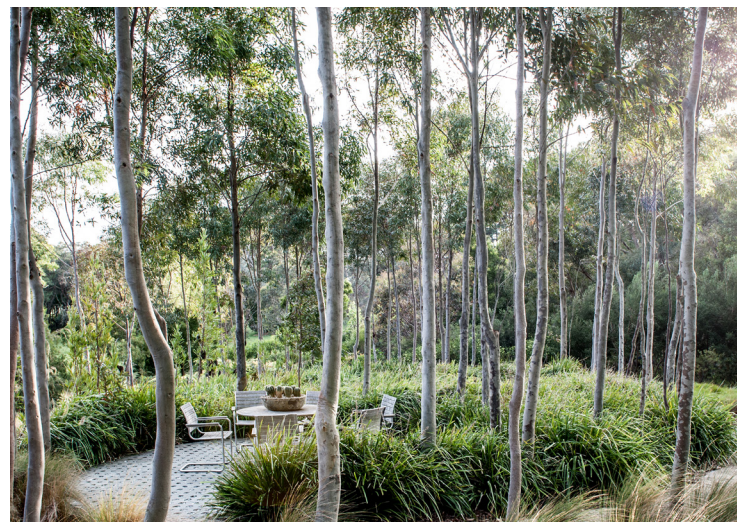
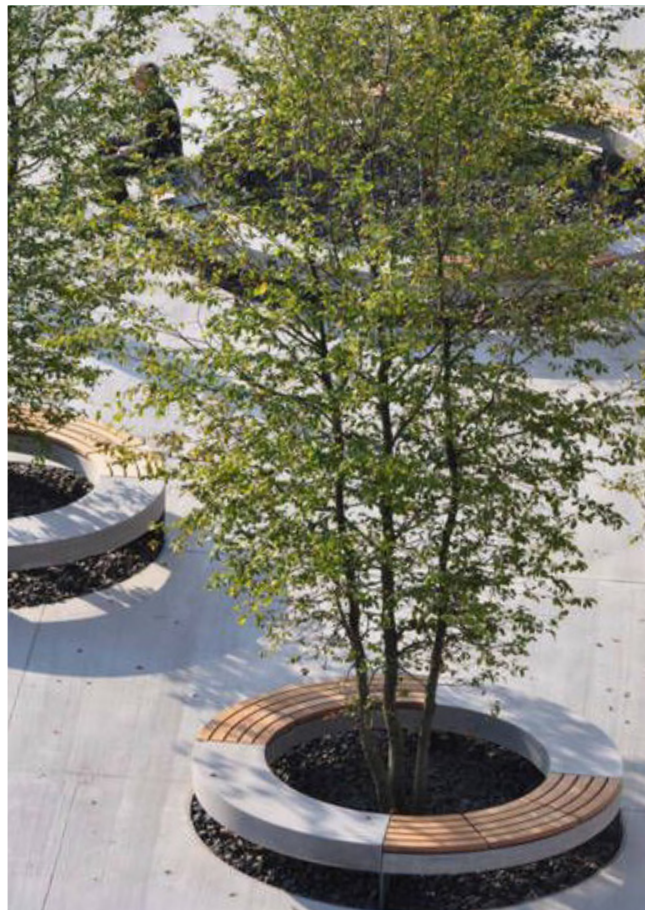
Note: Plant selection based on low water consumption species.

Plant code	Botanical name	Common Name	Origin	Install Size	Planting Density (plants/m <sup>2</sup> )	Mature Size (HxW) metres
TREES						
BACmyr	Backhousia myrtifolia	Grey Myrtle	Native	45lt	N/A	3 x 3
ALLlit	Allocasuarina littoralis	Black She-oak	Native	30cm	N/A	10 x 6
BRAace	Brachychiton acerifolius	Illawarra Flame Tree	Native	45lt	N/A	12 x 6
DRAdra	Dracaena draco	Dragon Tree	Exotic	100lt	N/A	10 x 4
SHRUBS / HEDGES						
WISfru	Wstringia fruticosa	Coastal Rosemary	Native	20cm	1	2 x 4
DORexc	Doryanthes excelsa	Gymea Lily	Native	30cm	1	4 x 3
ALO	Aloe sp.	Aloe	Exotic	20cm	1	0.5 x 0.5
GROUNDCOVERS						
POApoi	Poa poiformis	Coastal Tussock Grass	Native	Tube	4	1.2 x 1.5
IMPcyl	Imperata cylindrica	Cogon Grass	Native	Tube	4	1 x 1
AUSram	Austrostipa ramosissima	Bamboo Grass	Native	Tube	4	2 x 1
DICrep	Dicondra repens 'Silver Falls'	Silver Falls	Native	14cm	4	0.2 x 2
LOMgla	Lomandra glauca	Lomandra	Native	Tube	4	0.3 x 0.4
BOUgla	Bougainvillea glabra	Bougainvillea	Exotic	20cm	N/A	5 x 1
SEN	Senecio 'Blue Chalk Sticks'	Blue Chalk Sticks	Exotic	14cm	4	0.6 x 0.6
APTcor	Aptenia cordifolia	Variegated Heartleaf	Exotic	14cm	4	0.2 x 0.1



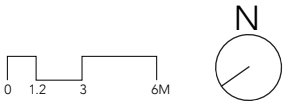
## 4.8 Zone 5 - Arrival Carpark

### HARDSCAPE & SOFTSCAPE PALETTE





# 4.9 Zone 6 - National Park Interface



The national park interface allows for a myriad of uses. Ranging from rock wall climbing podium in the north, passive recreation in the centre and outdoor dining to the south as part of the restaurant. An outdoor room surrounded by hedged trees and floral understorey planting.

Along its length is an articulated 7.2m wide emergency vehicle access zone, turning circle and space for VIP parking as required. Vehicular access is also provided for small vehicles to move down into the lower garden for function set-up and maintenance and service.

Canopy coverage along the national park boundary is mainly understory planting and specimen trees. Large areas of reinforced turf help soften the ground plane, providing a vegetative link between the lower garden and the upper terrace. The softening also provides a smoother transition into the adjacent national park bushland setting.



Outdoor Dining



Decorative Pavement

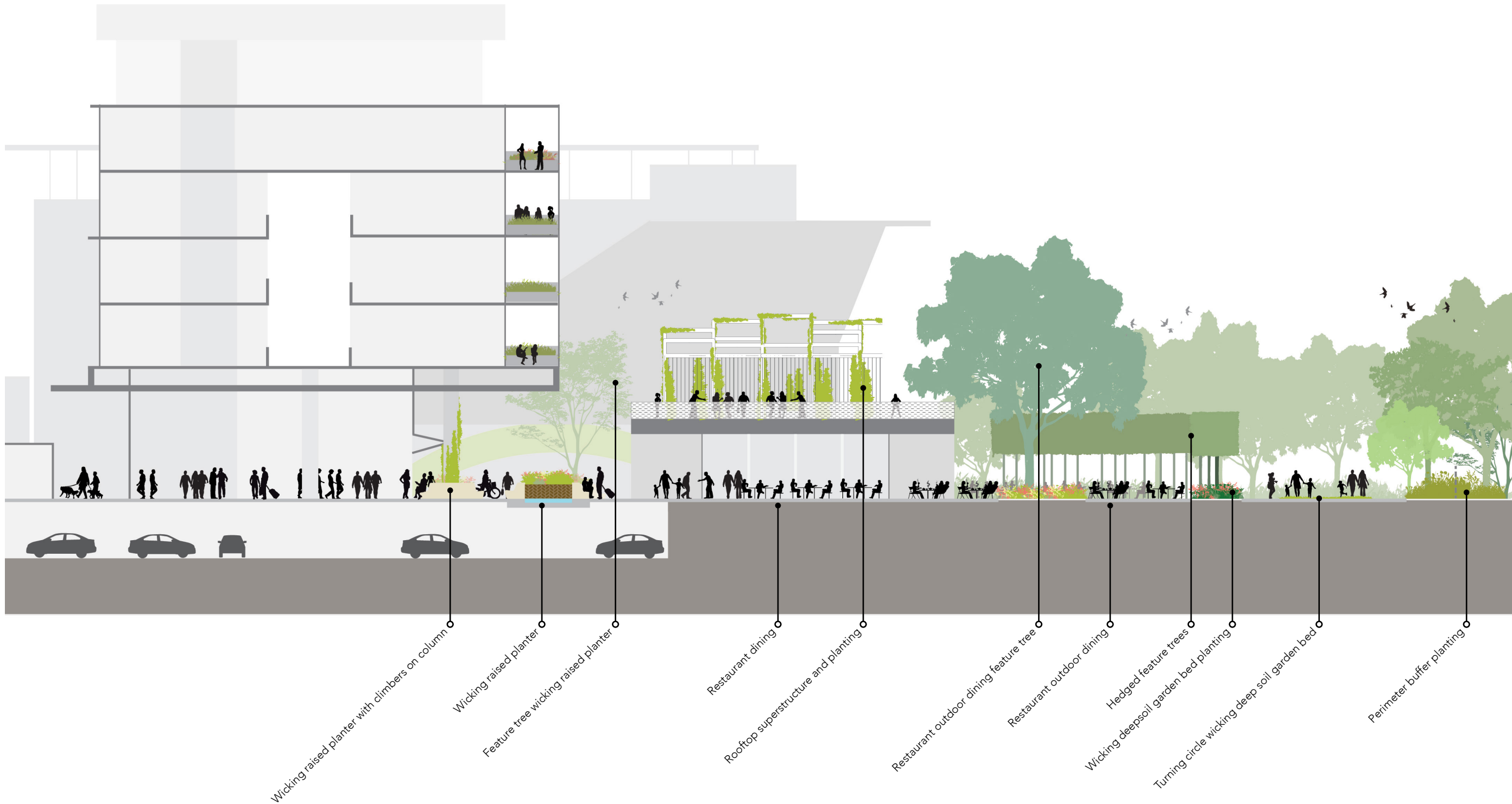
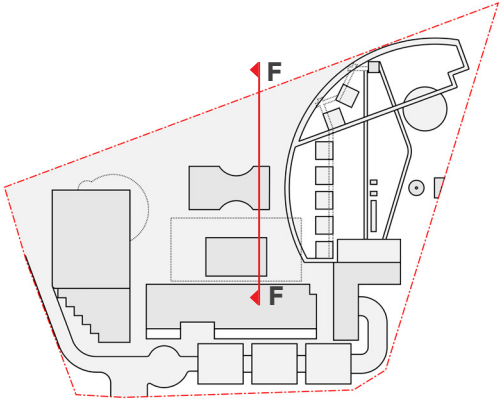
- 1 Rock Wall Climbing Podium
- 2 Reinforced Grass Paving
- 3 Drainage Biogarden
- 4 Tactile-marked Vehicle Pathway
- 5 Decorative Paving
- 6 Flexible Carparking
- 7 Outdoor Garden Dining
- 8 Tree Hedge
- 9 Vehicle Turing Circle
- 10 Vehicle Access to Lower Garden
- 11 Buffer Planting





# 4.9 Zone 6 - National Park Interface

SECTION F-F: NATIONAL PARK INTERFACE



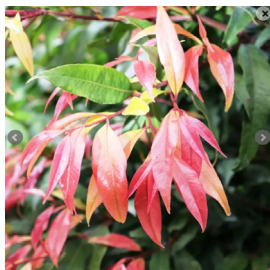


# 4.9 Zone 6 - National Park Interface

## PLANT SCHEDULE



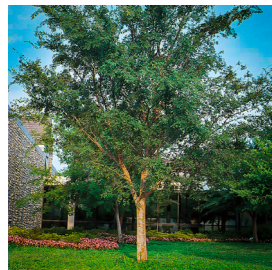
Jacaranda mimosifolia



Waterhousia floribunda



Lagerstroemia indica x L. fauriei



Ulmus parvifolia



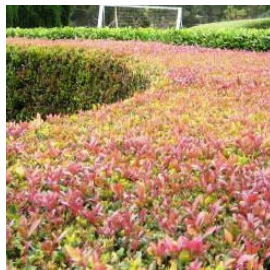
Banksia serrata



Backhousia myrtifolia



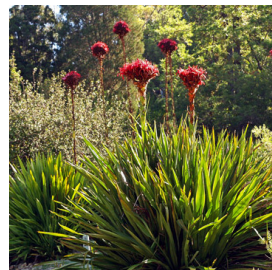
Allocasuarina littoralis



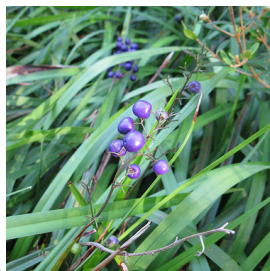
Acmena smithii



Wstringia fruticosa



Doryanthes excelsa



Dianella caerulea



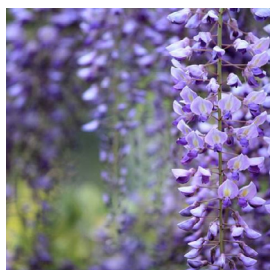
Imperata cylindrica



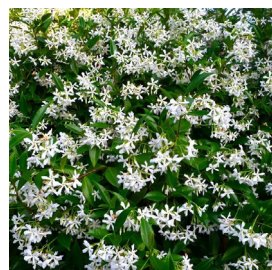
Poa poiformis



Bougainvillea glabra



Wisteria sinensis



Trachelospermum jasminoides

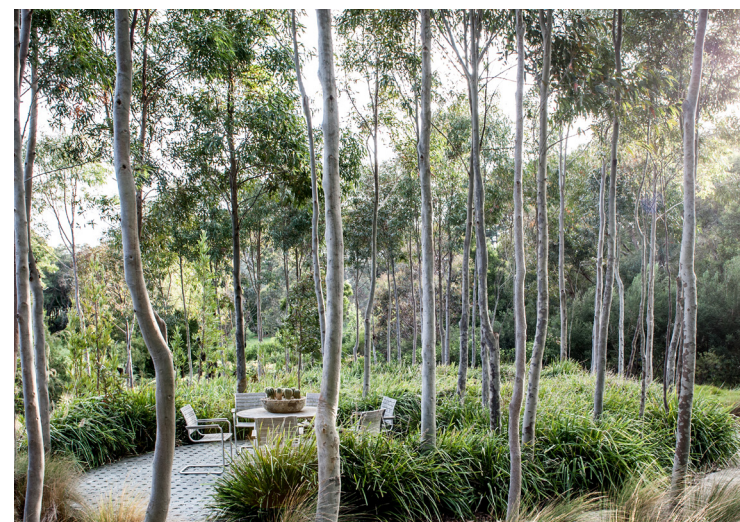
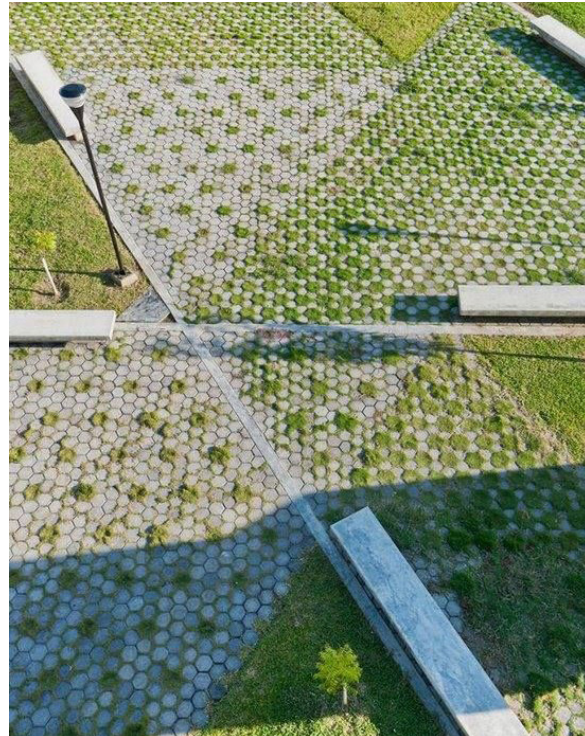
Note: Plant selection based on low water consumption species.

Plant code	Botanical name	Common Name	Origin	Install Size	Planting Density (plants/m <sup>2</sup> )	Mature Size (HxW) metres
TREES						
ULMpar	Ulmus parvifolia	Chinese elm	Exotic	100lt	N/A	10 x 11
JACmim	Jacaranda mimosifolia	Jacaranda	Exotic	200lt	N/A	10 x 8
WATflor	Waterhousia floribunda	Weeping Lilly Pilly	Native	45lt	N/A	8 x 5
LAGind	Lagerstromia indica x L. fauriei	Crepe Myrtle	Exotic	Existing	N/A	5 x 4
BACmyr	Backhousia myrtifolia	Grey Myrtle	Native	45lt	N/A	3 x 3
ALLiit	Allocasuarina littoralis	Black She-oak	Native	30cm	N/A	10 x 6
BANser	Banksia serrata	Old Man Banksia	Native	30cm	N/A	10 x 4
SHRUBS / HEDGES						
WISfru	Wstringia fruticosa	Coastal Rosemary	Native	20cm	1	2 x 4
ACMsmi	Acmena smithii	Common lilly pilly	Native	30cm	1	12 x 6
DORexc	Doryanthes excelsa	GyMEA Lily	Native	30cm	1	4 x 3
GROUNDCOVERS						
POApoi	Poa poiformis	Coastal Tussock Grass	Native	Tube	4	1.2 x 1.5
IMPcyl	Imperata cylindrica	Cogon Grass	Native	Tube	4	1 x 1
DIAcae	Dianella caerulea	Blue Flax Lily	Native	Tube	4	1 x 2
TRAjas	Trachelospermum jasminoides	Star Jasmine	Exotic	20cm	N/A	3 x 1
WISSin	Wisteria sinensis	Chinese wisteria	Exotic	20cm	N/A	10 x 4
BOUgla	Bougainvillea glabra	Bougainvillea	Exotic	20cm	N/A	5 x 1



## 4.9 Zone 6 - National Park Interface

### HARDSCAPE & SOFTSCAPE PALETTE







# 5.0 Systems & Landscape Elements



## 5.1 Systems of Place - Social



Pop-up activation



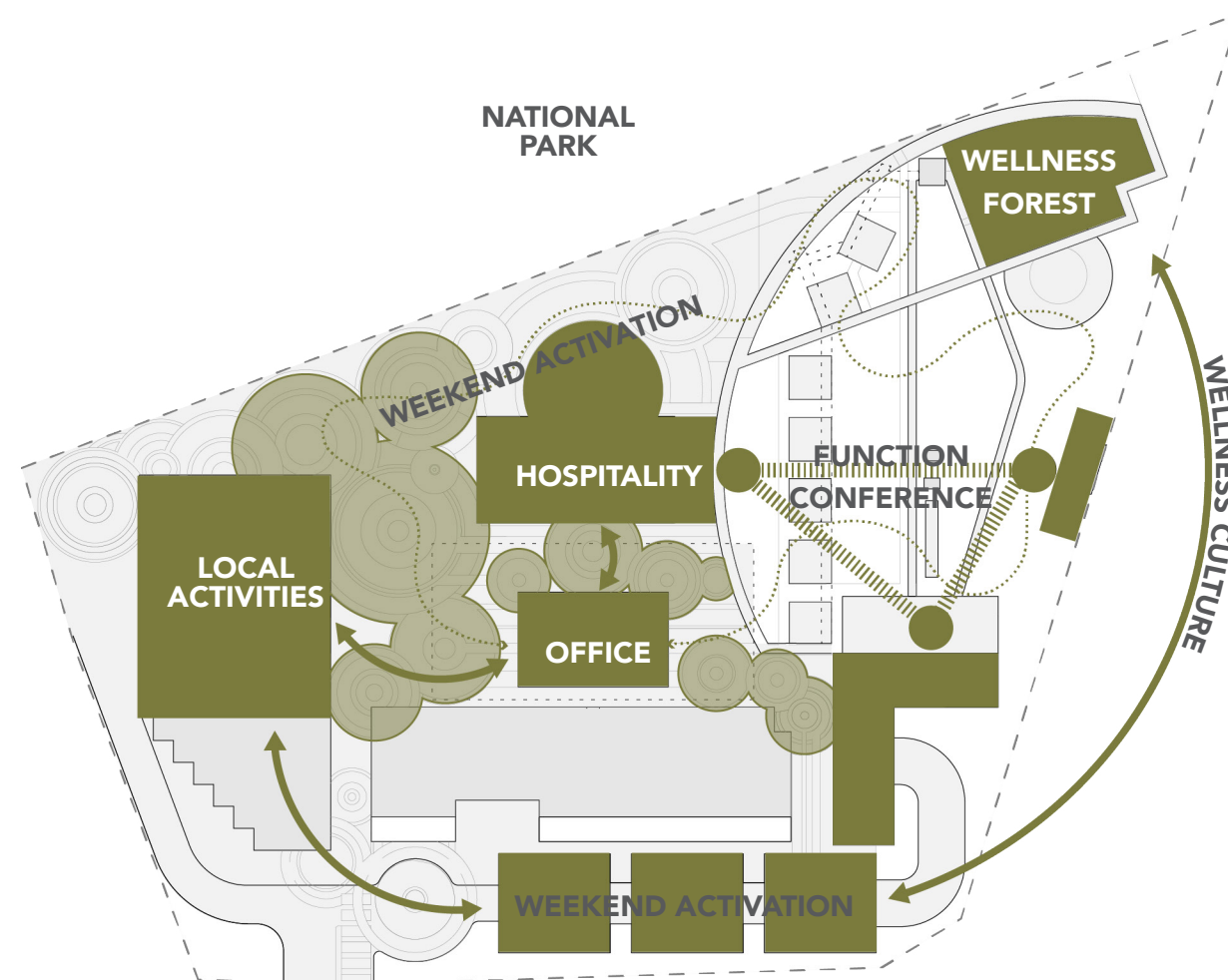
Local activities



Walking meetings



National park on doorstep

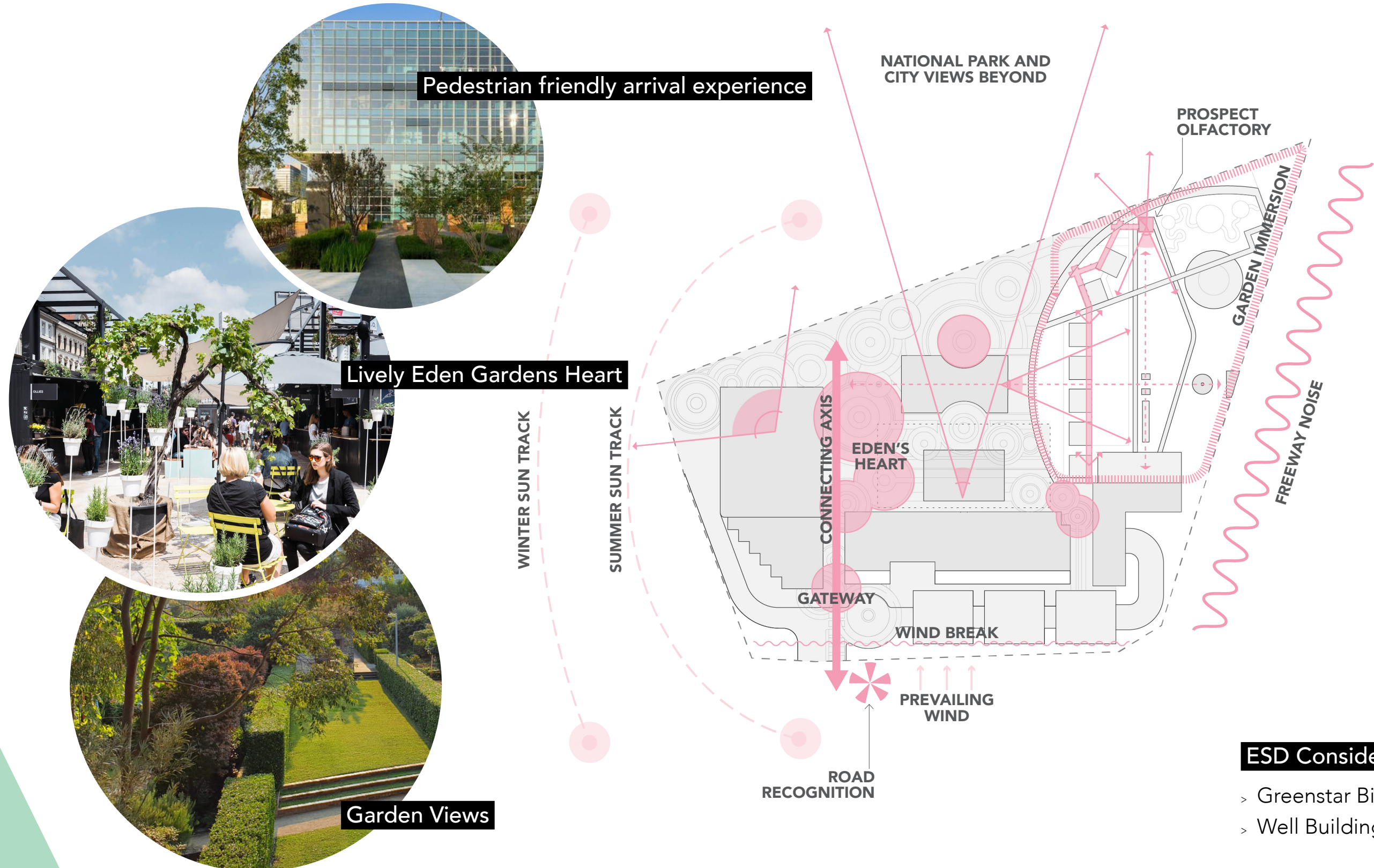


### ESD Consideration

- > Greenstar Biofilia
- > Community Greenstar



# 5.1 Systems of Place - Experience

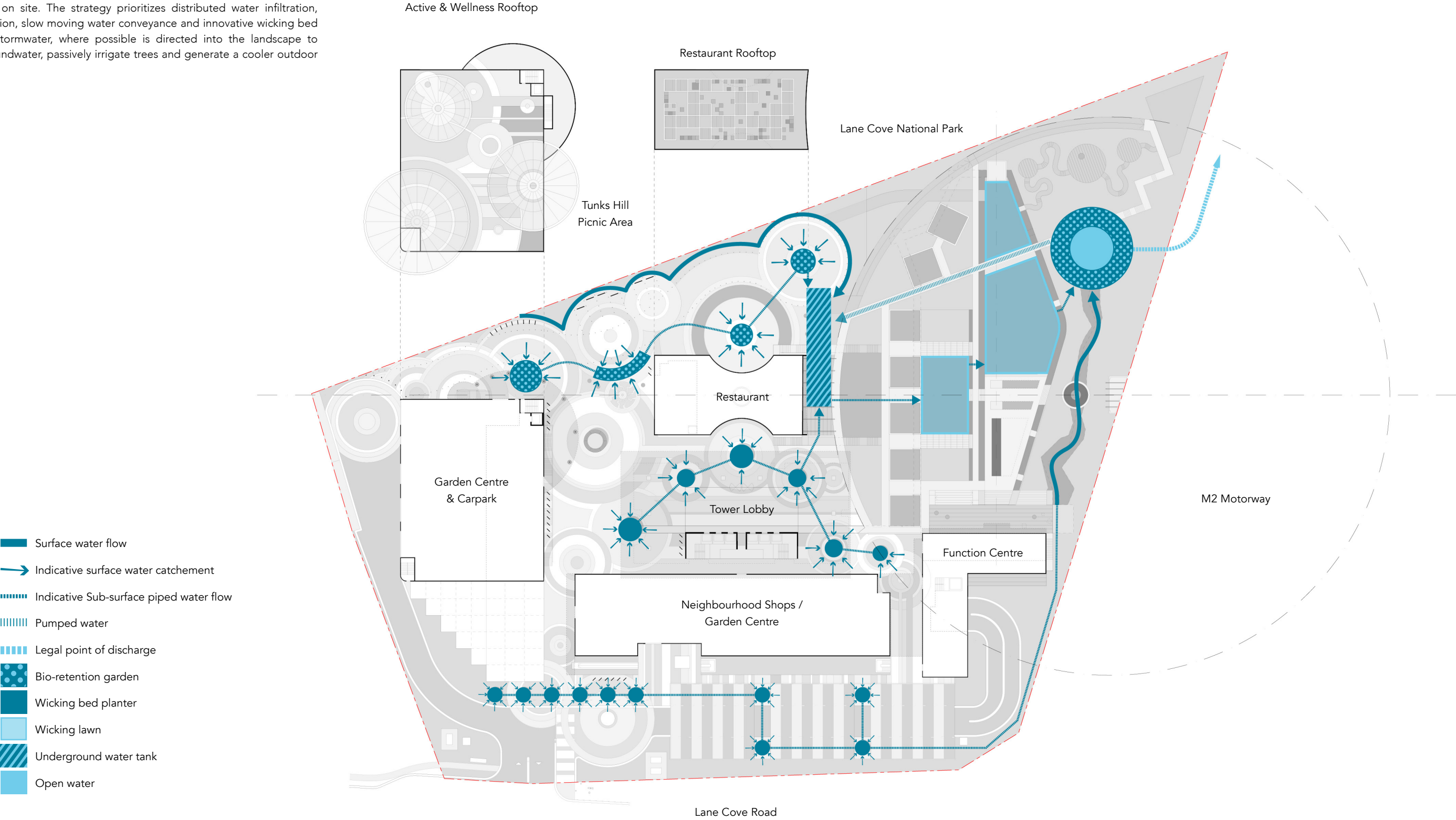




# 5.2 Water Sensitive Urban Design



The water sensitive urban design builds upon the existing stormwater infrastructure on site. The strategy prioritizes distributed water infiltration, passive irrigation, slow moving water conveyance and innovative wicking bed techniques. Stormwater, where possible is directed into the landscape to recharge groundwater, passively irrigate trees and generate a cooler outdoor environment.

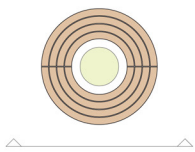
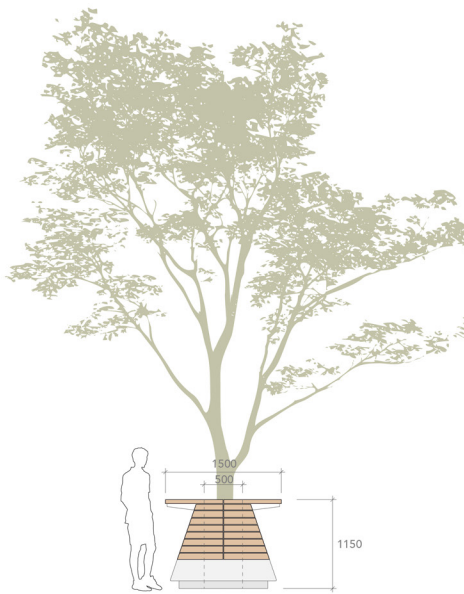




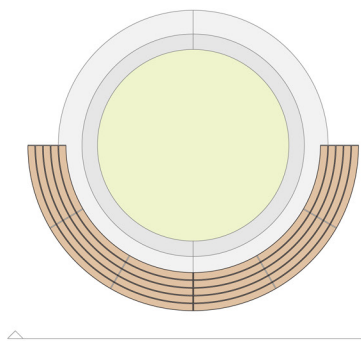
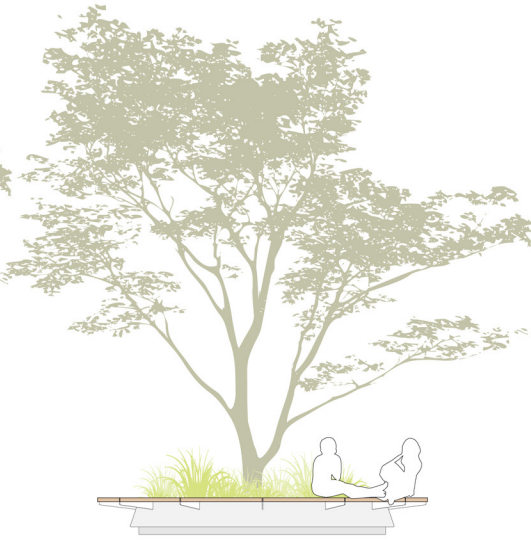
# 5.3 Furniture

The furniture suite draws on the circular geometry of the paving pattern. With much of the upper terrace landscape located above the basement carpark. Generous raised planters have been created to allow for the establishment of extensive tree growth.

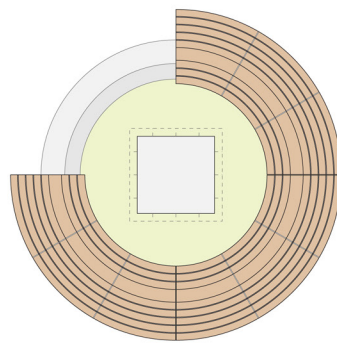
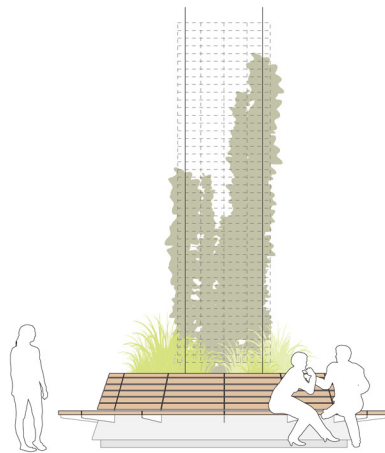
An extension of these raised planters is the design of an additional timber seating element that wraps around the planter either fully or partially. Using the same language, circular bench seating and modular platforms have been developed to allow for more informal seating opportunities.



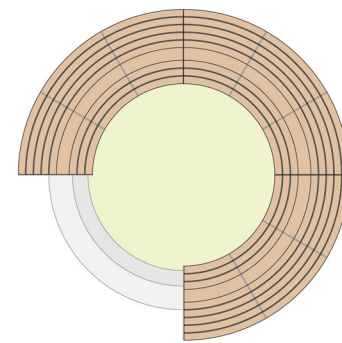
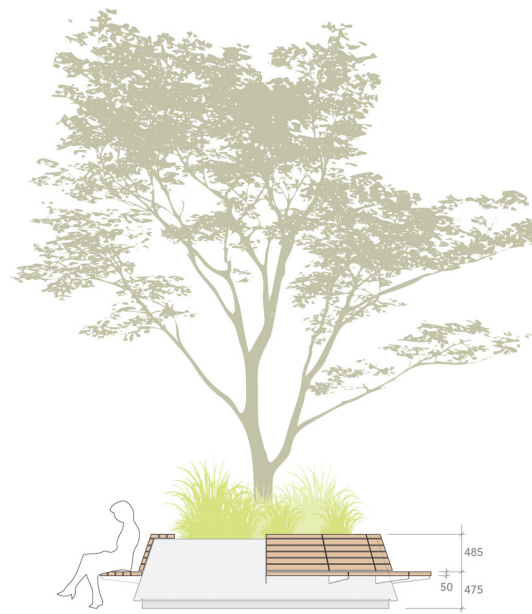
Tree guard  
coffee bar



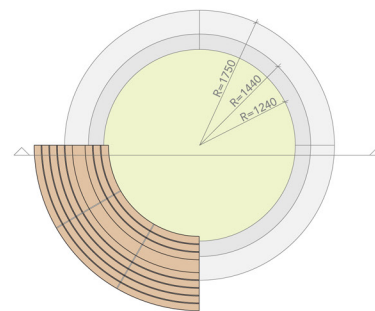
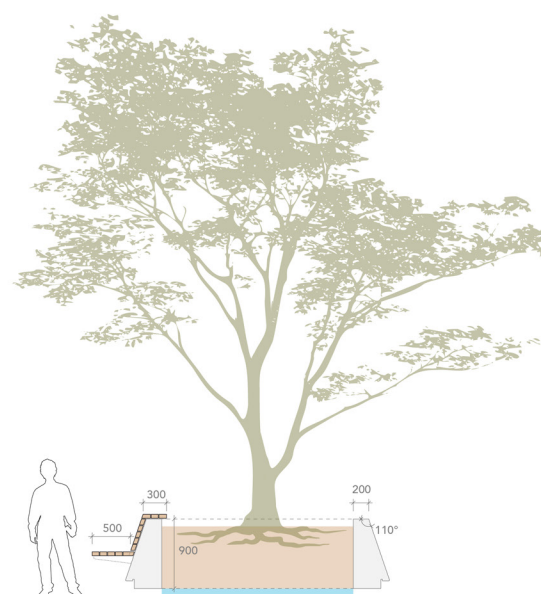
Deep soil garden  
bed ring bench



Column planter and  
climbing trellis



Deep planter with  
3/4 bench



Deep planter with  
1/4 bench



# 5.4 Lighting

An existing network of lights exists. In addition the upper terrace landscape lighting highlights and articulates the circular raised planters and signature moments by combining LED strip lighting with diffused uplighting. Wherever possible the landscape lighting seeks to compliment fixed outdoor builtform lighting. Minimal pole lighting is used to avoid washout areas and has been limited to the carparking and access roadways. The lower garden maintains most of its existing lighting with emphasis on night lighting the lower pavilion, 'Eden Tree', Function Centre decks and access stairways from the upper terrace. Indicator lighting is provided to all outdoor dining decks. Some pole lighting will be required for function lighting and security camera mounts.

LED1

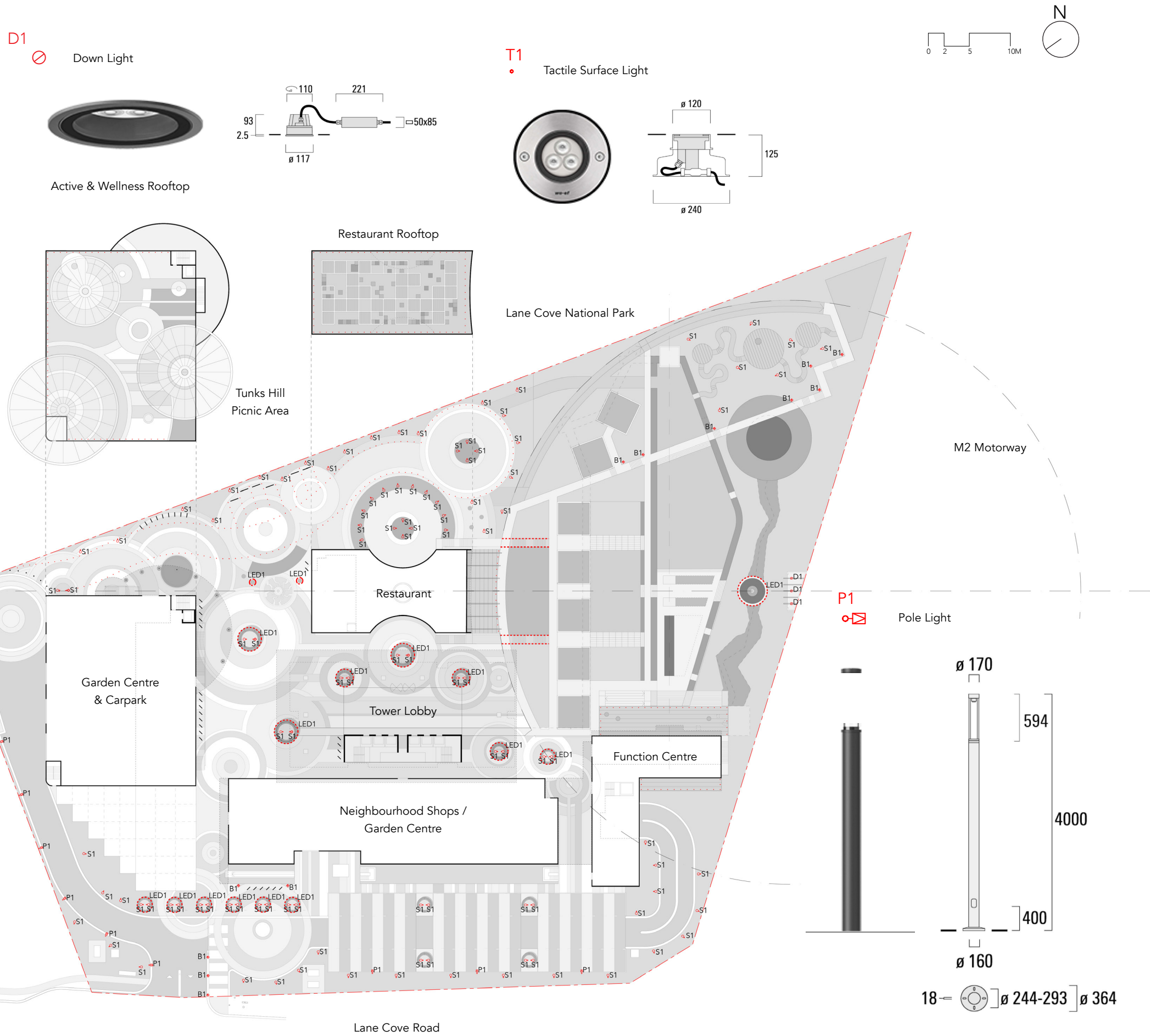
LED Strip Lighting

B1

Bollard Light

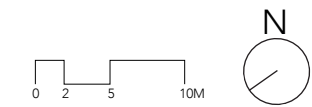
S1

Spike Spot Light



P1

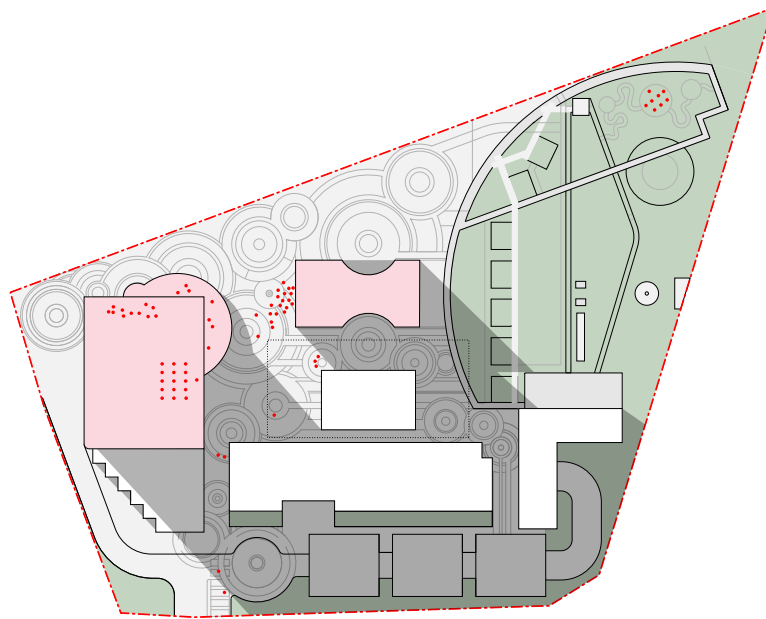
Pole Light



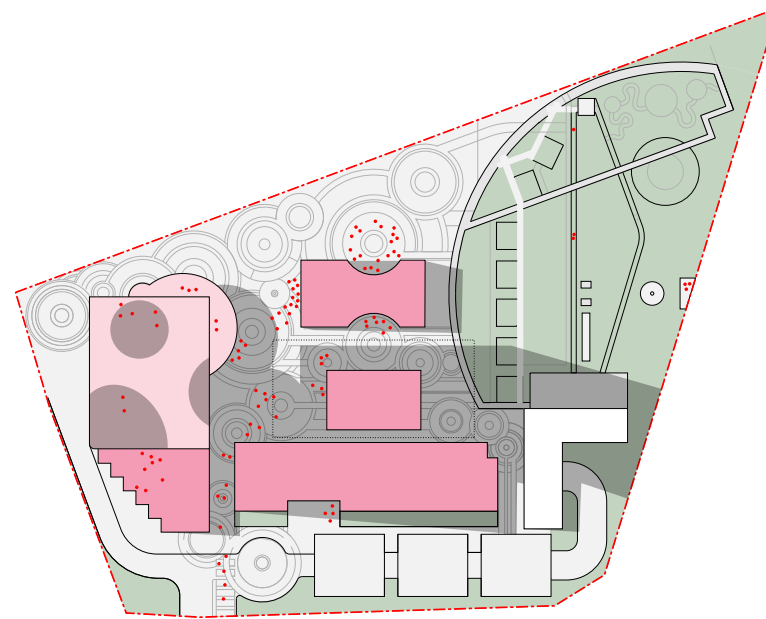


# 5.5 People Movement Modelling

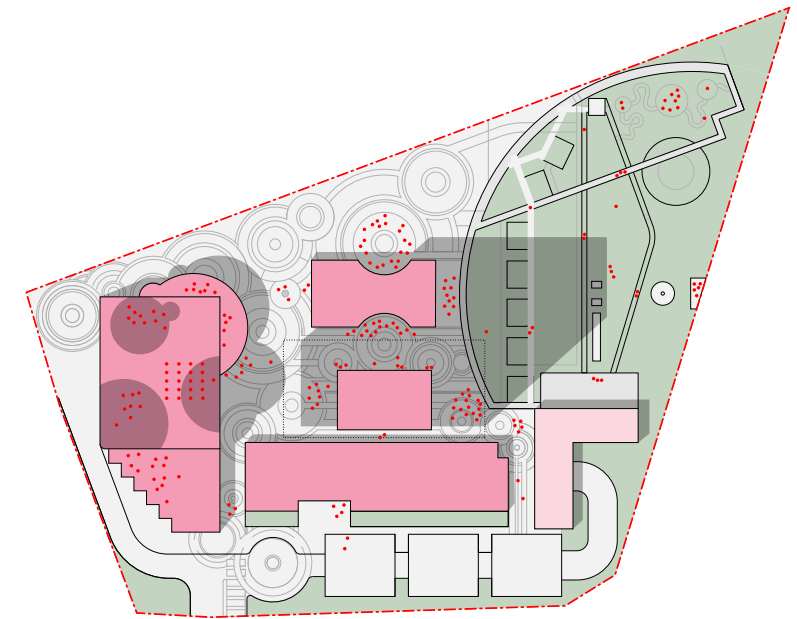
## Typical Weekday



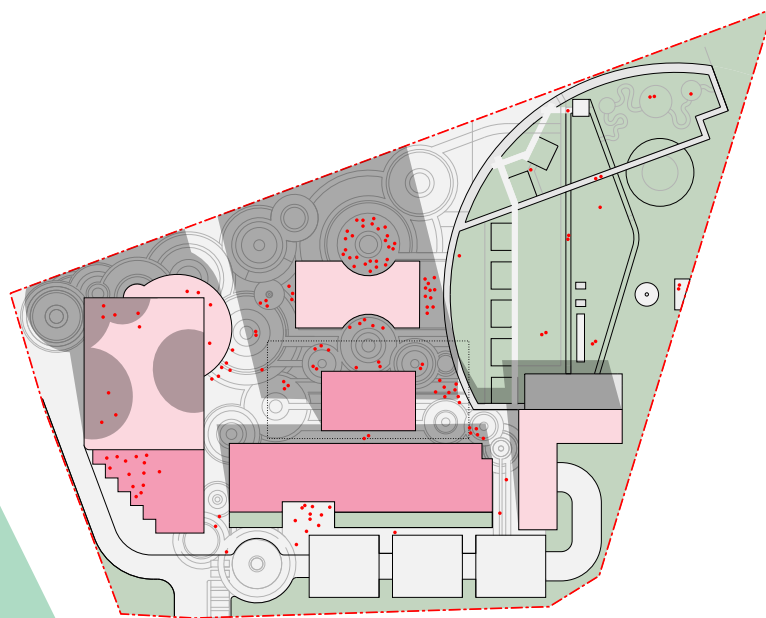
Dawn



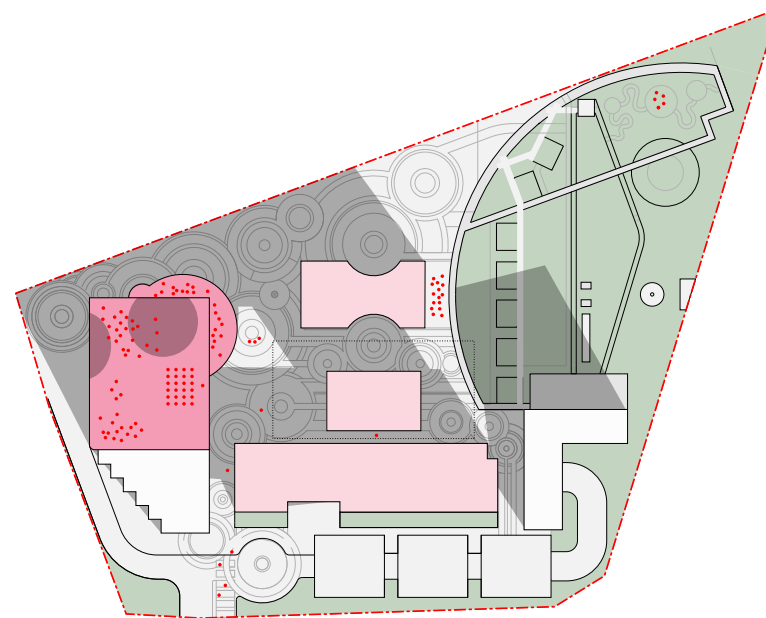
Morning



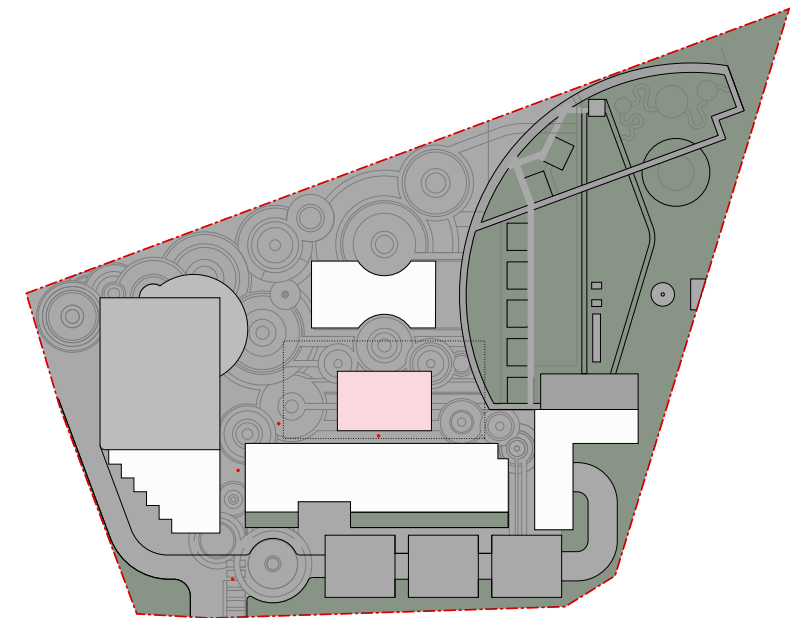
Midday



Afternoon



Evening



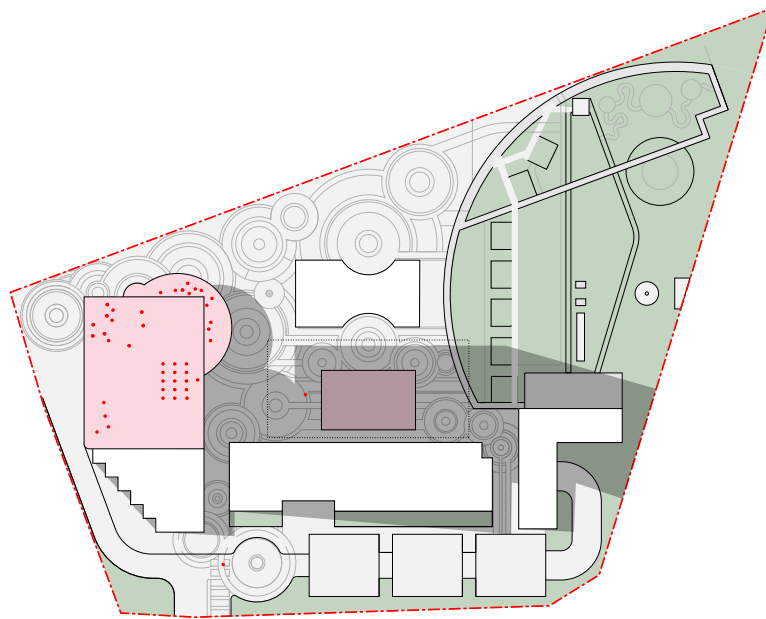
Night

An animated people movement model has been developed to help understand people movement across the site subject to program, time of day, seasonality and sun movement. This allows for a greater understanding of where people are likely to visit and population densities. The model also provides insight into movement patterns and relationships between landscape spaces.

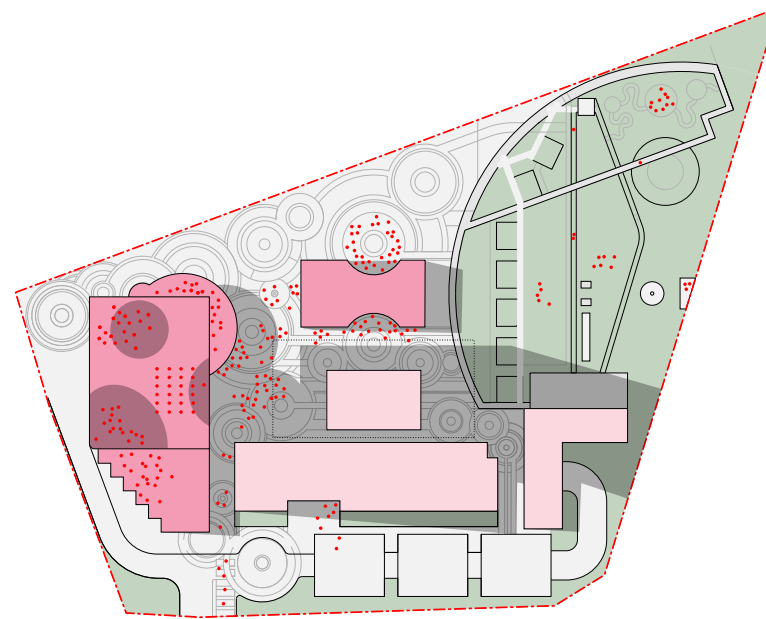


# 5.5 People Movement Modelling

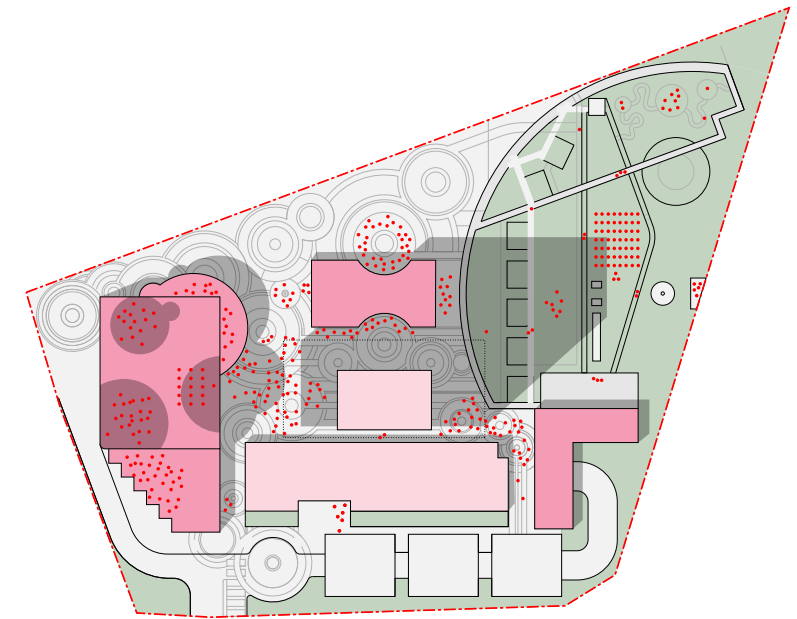
## Typical Saturday



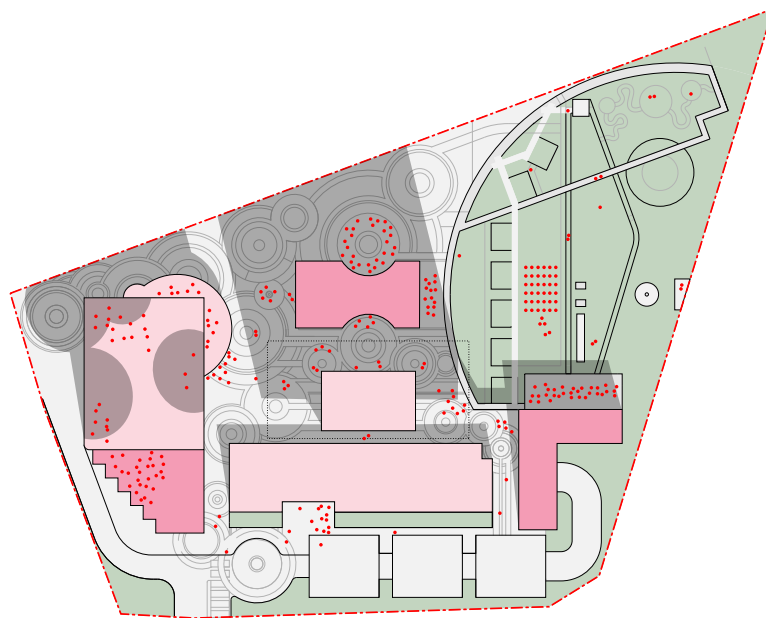
Dawn



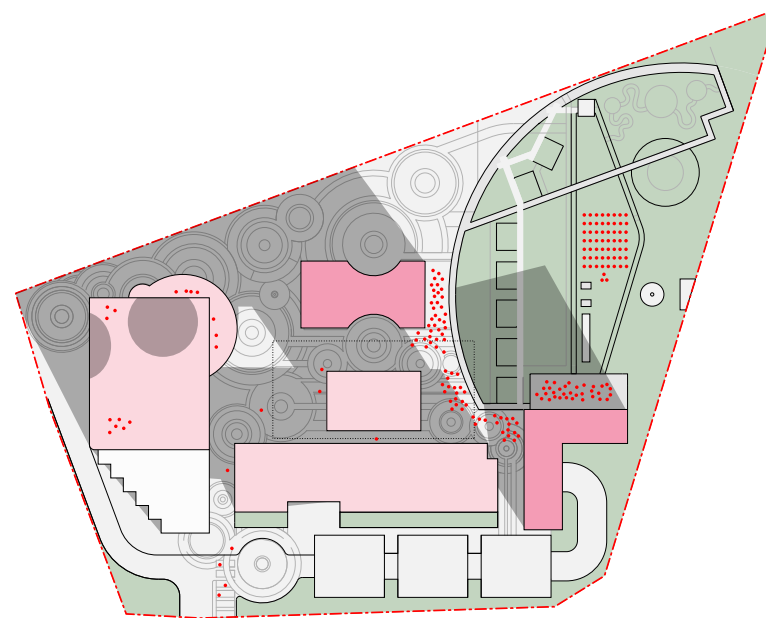
Morning



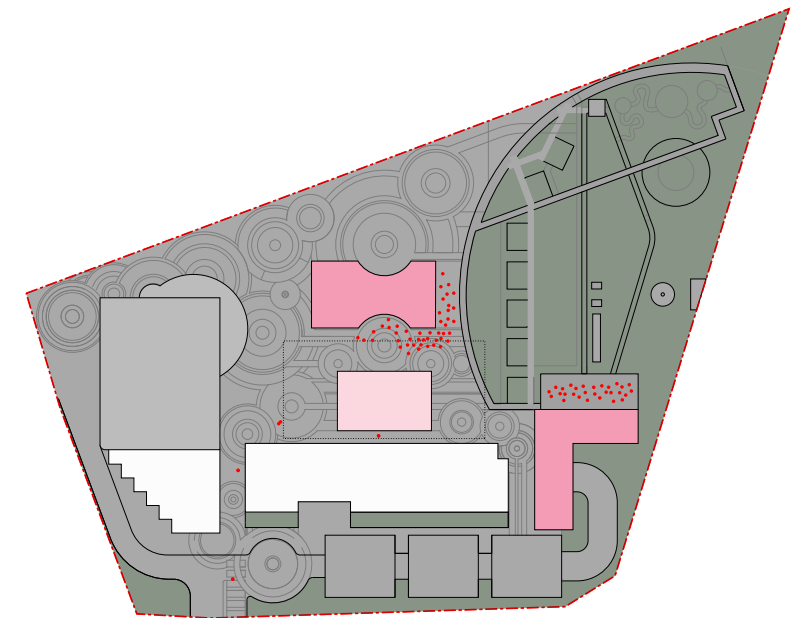
Midday



Afternoon



Evening



Night

The weekend movement modelling helps understand lifestyle shifts between weekdays and weekend. In particular it helps with understanding the change in needs between the commercial tower and the function centre. By modelling the anticipated usage levels, the model helps shape carparking requirements and wayfinding strategies as part of the overall site design evolution.





# 6.0 Appendix



CLIENT

THUNDERBIRDS ARE GO PTY LTD AT  
THE GARDENERS TRUST

PROJECT TITLE

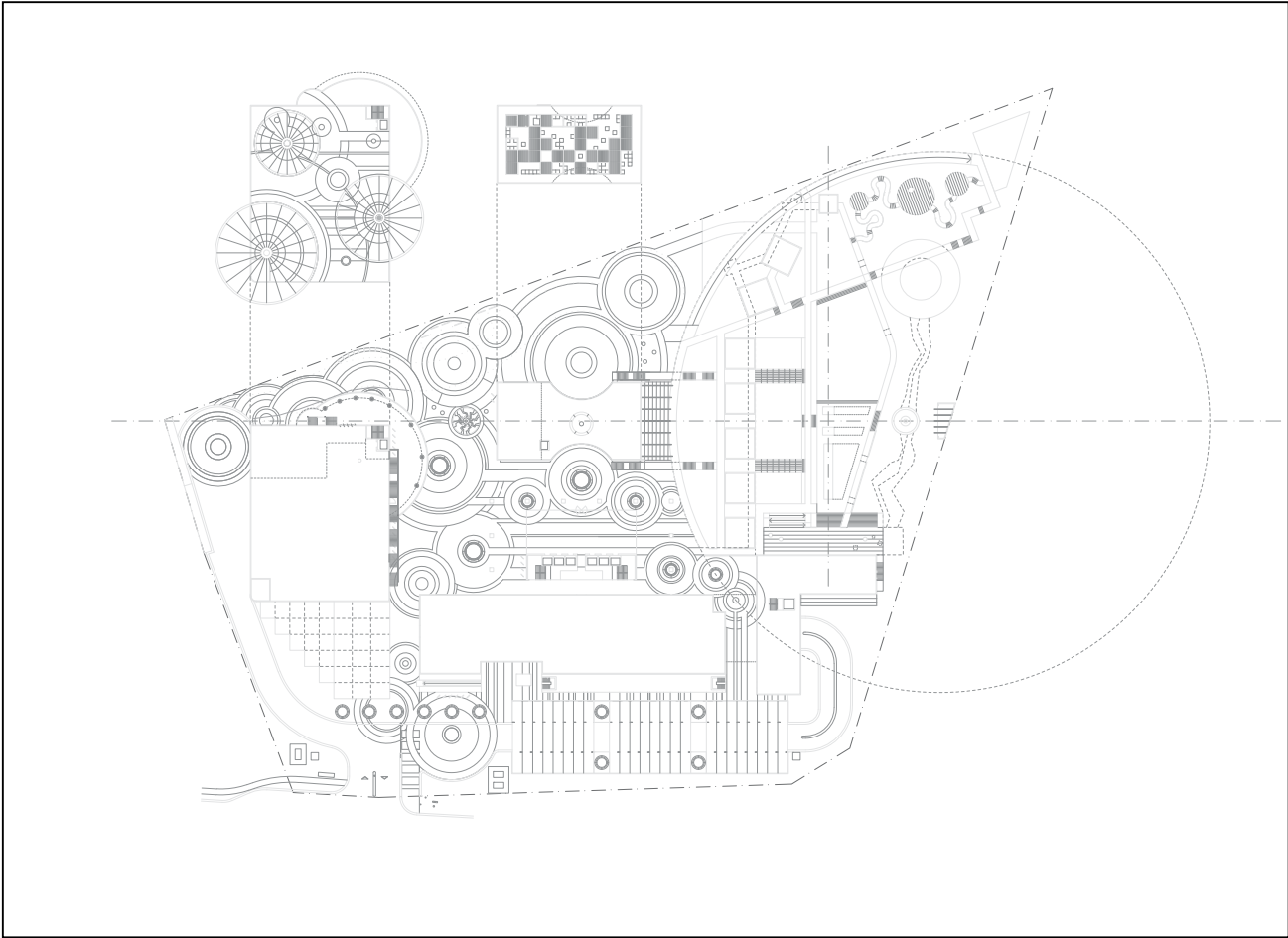
EDEN GARDENS LANDSCAPE  
DRAWINGS

PROJECT STATUS

DEVELOPMENT APPROVAL

DRAWING TITLE

COVER SHEET



DRAWING REGISTER

DWG NO.	DESCRIPTION	SCALE	ISSUED FOR	ISSUE
20317-00-L000	COVER SHEET & DRAWING SCHEDULE	N/A	DEVELOPMENT APPROVAL	A
20317-00-L001	ZONING PLAN	1:500	DEVELOPMENT APPROVAL	A
20317-00-L002	GENERAL ARRANGEMENT	1:500	DEVELOPMENT APPROVAL	A
20317-00-L103	TREE RETENTION / REMOVAL PLAN	1:500	DEVELOPMENT APPROVAL	A
20317-00-L104	SOFTSCAPE PLAN	1:500	DEVELOPMENT APPROVAL	A
20317-00-L105	PLANTING PALETTE	N/A	DEVELOPMENT APPROVAL	A
20317-00-L106	HARDSCAPE / LEVELS PLAN	1:500	DEVELOPMENT APPROVAL	A
20317-00-L107	MATERIALS SCHEDULE	N/A	DEVELOPMENT APPROVAL	A
20317-00-L108	LIGHTING PLAN	1:500	DEVELOPMENT APPROVAL	A
20317-00-L109	FURNITURE DETAILS	1:50	DEVELOPMENT APPROVAL	A
20317-00-L110	SECTIONS	1:250	DEVELOPMENT APPROVAL	A







### ZONE 6 NATIONAL PARK INTERFACE

- 1 Outdoor Dining
- 2 Children's Water Play
- 3 Garden Rooms / Fire Vehicle Access
- 4 Flexible Plaza / Fire Vehicle Access
- 5 Active Zone
- 6 Carpark Access / BOH Area

### ZONE 4 ENTRY

- 1 Pedestrian Thoroughfare
- 2 Entry Plaza
- 3 Outdoor Garden Centre Interface
- 4 Vehicle Carpark Access

### ZONE 1 ACTIVE & WELLNESS

- 1 Rooftop Wellness
- 2 Rock Wall Climbing
- 3 Rooftop Fitness
- 4 Rooftop Play
- 5 Low Level Rooftop Garden

### ZONE 2 EDEN SQUARE

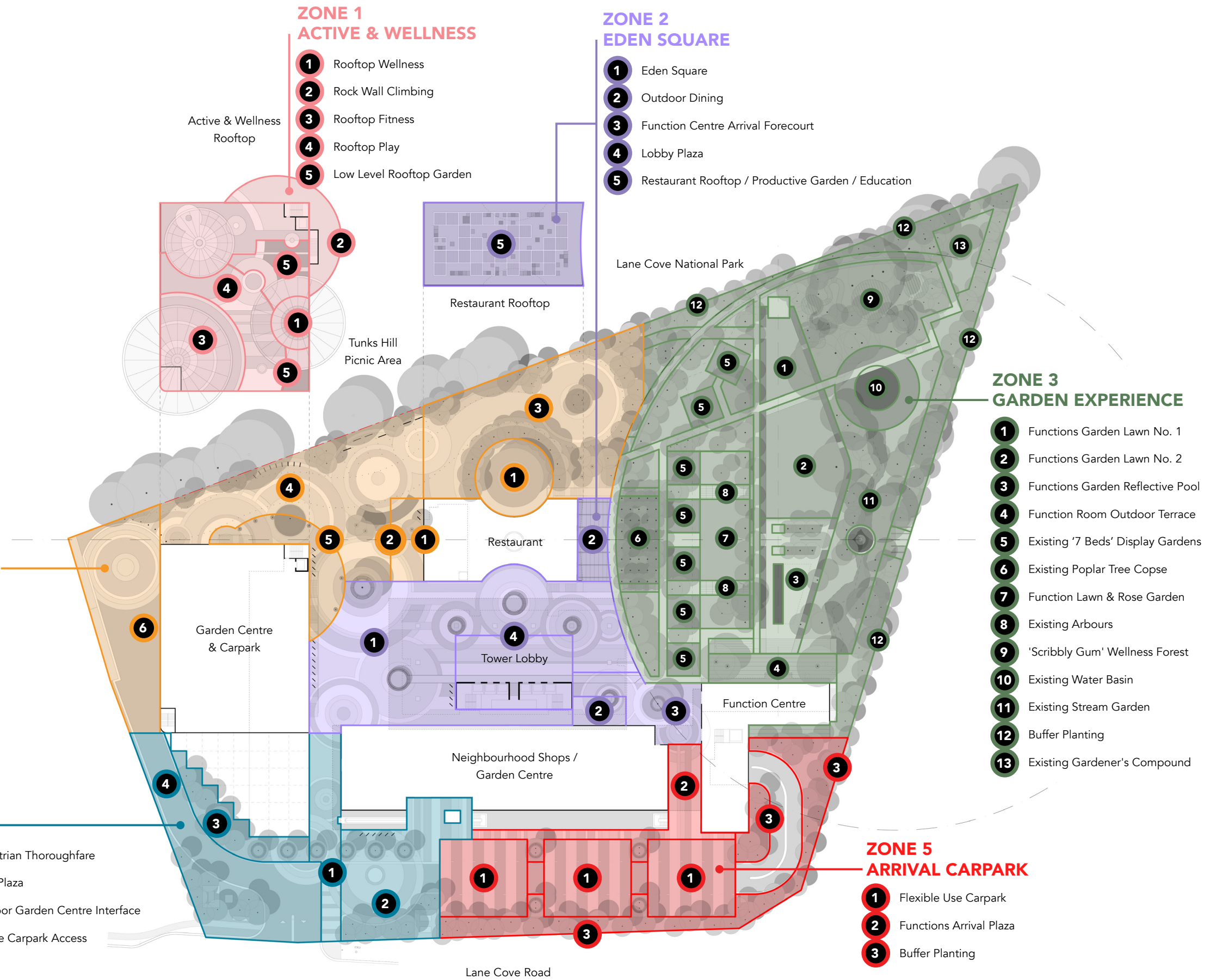
- 1 Eden Square
- 2 Outdoor Dining
- 3 Function Centre Arrival Forecourt
- 4 Lobby Plaza
- 5 Restaurant Rooftop / Productive Garden / Education

### ZONE 3 GARDEN EXPERIENCE

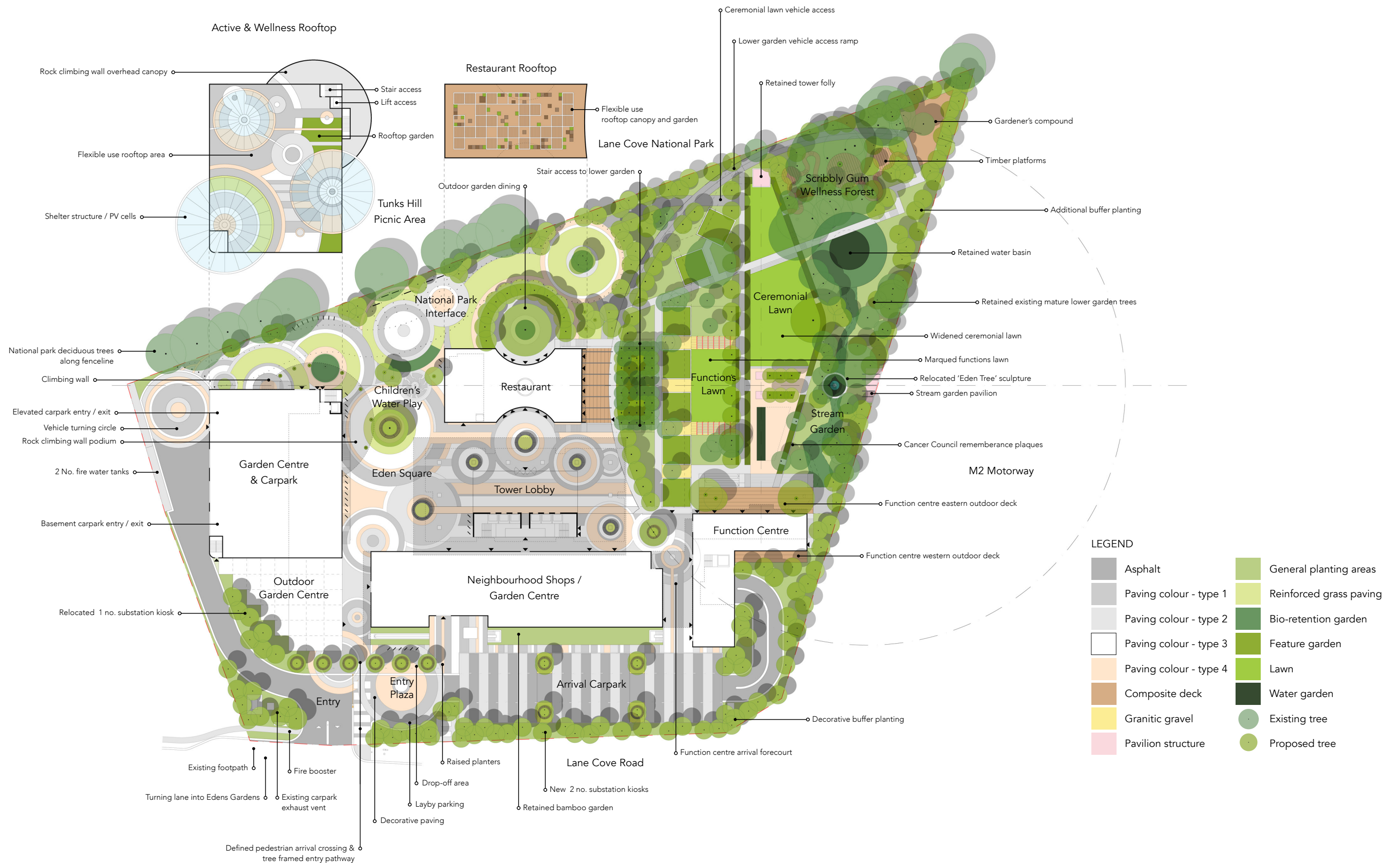
- 1 Functions Garden Lawn No. 1
- 2 Functions Garden Lawn No. 2
- 3 Functions Garden Reflective Pool
- 4 Function Room Outdoor Terrace
- 5 Existing '7 Beds' Display Gardens
- 6 Existing Poplar Tree Copse
- 7 Function Lawn & Rose Garden
- 8 Existing Arbours
- 9 'Scribbly Gum' Wellness Forest
- 10 Existing Water Basin
- 11 Existing Stream Garden
- 12 Buffer Planting
- 13 Existing Gardener's Compound

### ZONE 5 ARRIVAL CARPARK

- 1 Flexible Use Carpark
- 2 Functions Arrival Plaza
- 3 Buffer Planting







# GENERAL ARRANGEMENT



Client:  
Thunderbirds Are Go at  
the Gardeners Trust

Date: February 2021  
Scale: 1:500 @ A1  
1:1000 @ A3

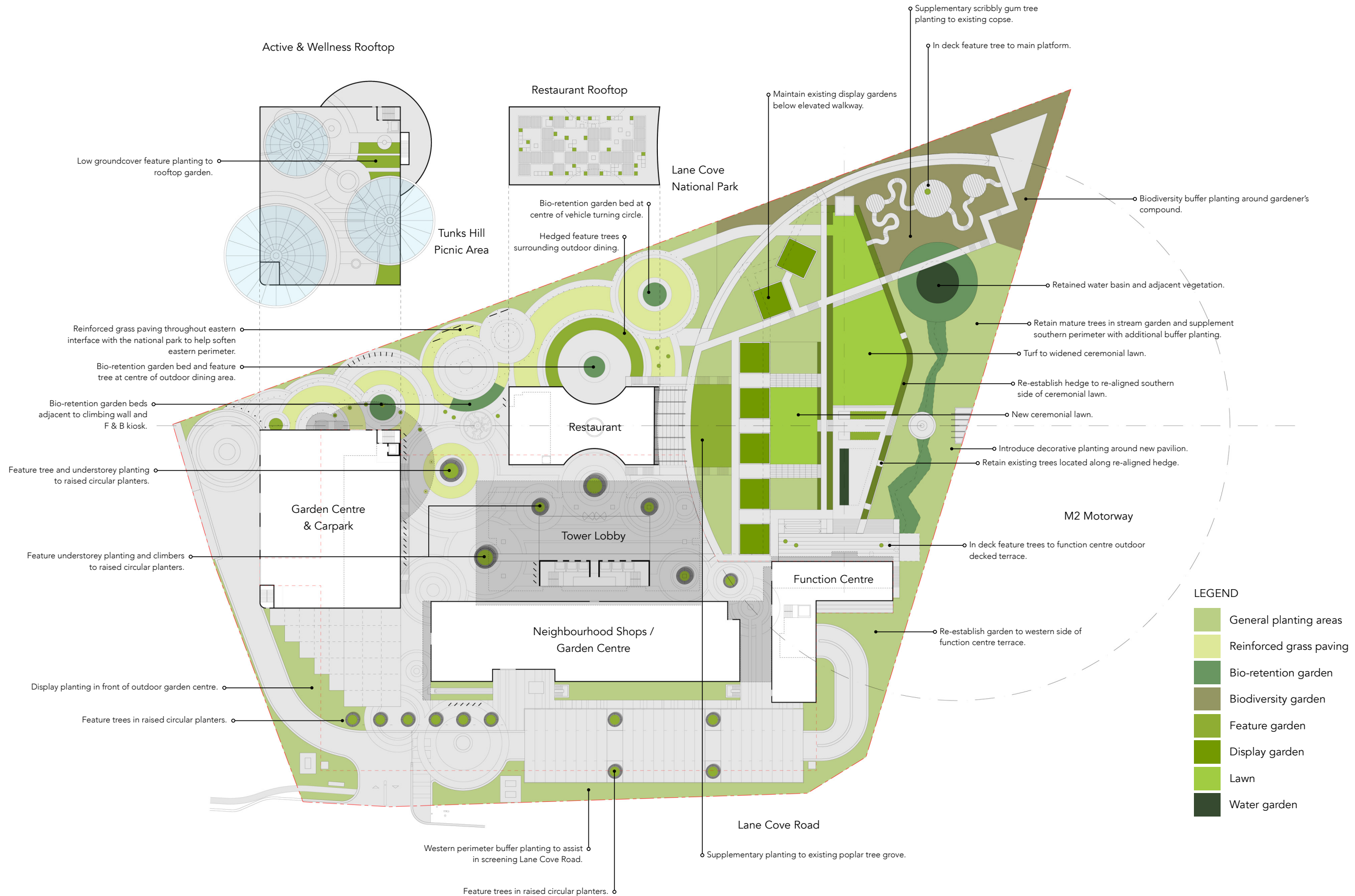
Drawing number:  
20317-00-L102

**REALM** studios











ROBUST STRUCTURE



Jacaranda mimosifolia



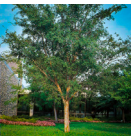
Lagerstroemia indica x L. fauriei



Acmena smithii



Wisteria fruticosa



Ulmus parvifolia



Waterhousea floribunda



Dicondra repens 'Silver Falls'



Trachelospermum jasminoides



Fraxinus angustifolia 'Raywood'



Aptenia cordifolia



Lomandra cylindrica

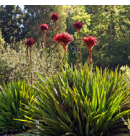
CHARISMATIC AND QUIRKY



Populus simonii 'Fastigiata'



Dracaena draco



Doryanthes excelsa



Licuala ramsayi



Aloe sp.



Taxodium distichum



Livistona australis



Crassula sp.



Senecio 'Blue Chalk Sticks'



Ginkgo biloba 'Fastigiata'



Brachychiton acerifolius

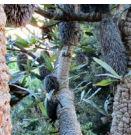


Bougainvillea glabra



Wisteria sinensis

BIODIVERSITY MAKER



Banksia serrata



Eucalyptus racemosa



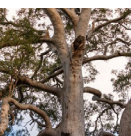
Poa poliformis



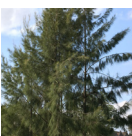
Imperata cylindrica



Austrostipa ramosissima



Eucalyptus haemastoma



Allocasuarina littoralis



Dianella revoluta



Lomandra glauca



Backhousia myrtifolia



Melaleuca salicina



Wahlenbergia gracilis



Tricoryne elatior



Isotoma fluviatilis

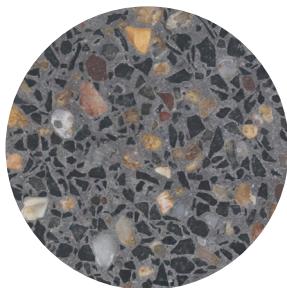
Plant code	Botanical name	Common Name	Category	Origin	Install Size	Planting Density (plants/m <sup>2</sup> )	Mature Size (HxW) metres
TREES							
ALLit	<i>Allocasuarina littoralis</i>	Black She-oak	Biodiversity	Native	30cm	N/A	10 x 6
BACmyr	<i>Backhousia myrtifolia</i>	Grey Myrtle	Biodiversity	Native	45lt	N/A	3 x 3
BANser	<i>Banksia serrata</i>	Old Man Banksia	Biodiversity	Native	20cm	N/A	10 x 4
BRAace	<i>Brachychiton acerifolius</i>	Illawarra Flame Tree	Charismatic	Native	45lt	N/A	12 x 6
DRAdra	<i>Dracaena draco</i>	Dragon Tree	Charismatic	Exotic	100lt	N/A	10 x 4
EUChae	<i>Eucalyptus haemastoma</i>	Scribbly Gum	Biodiversity	Native	20cm	N/A	15 x 4
EUCrac	<i>Eucalyptus racemosa</i>	Narrow-leaved Scribbly Gum	Biodiversity	Native	20cm	N/A	15 x 4
FRAang	<i>Fraxinus angustifolia</i> 'Raywood'	Claret Ash	Robust	Exotic	100lt	N/A	15 x 5
GINbil	<i>Ginkgo biloba</i> 'Fastigiata'	Ginkgo	Charismatic	Exotic	100lt	N/A	15 x 5
JACmim	<i>Jacaranda mimosifolia</i>	Jacaranda	Robust	Exotic	200lt	N/A	10 x 8
LAGind	<i>Lagerstromia indica</i> x <i>L. fauriei</i>	Crepe Myrtle	Robust	Exotic	Existing	N/A	5 x 4
LIVaus	<i>Livistona australis</i>	Cabbage tree palm	Charismatic	Native	45lt	N/A	15 x 4
MELsal	<i>Melaleuca salicina</i>	Willow Bottlebrush	Biodiversity	Native	Tube	N/A	2.5 x 2.5
POPsim	<i>Populus simonii</i> "Fastigiata"	Simon Poplar	Charismatic	Exotic	30cm	N/A	15 x 5
TAXdis	<i>Taxodium distichum</i>	Swamp cypress	Charismatic	Exotic	30cm	N/A	25 x 10
ULMpar	<i>Ulmus parvifolia</i>	Chinese elm	Robust	Exotic	100lt	N/A	10 x 11
WATflor	<i>Waterhousea floribunda</i>	Weeping Lilly Pilly	Robust	Native	45lt	N/A	8 x 5
SHRUBS / HEDGES							
ACMsmi	<i>Acmena smithii</i>	Common lilly pilly	Biodiversity / Robust	Native	30cm	N/A	12 x 6
ALOspp	<i>Aloe spp.</i>	Aloe	Charismatic	Exotic	20cm	1	5 x 2
DORexc	<i>Doryanthes excelsa</i>	Gymea Lily	Biodiversity / Charismatic	Native	30cm	1	4 x 3
LICram	<i>Licuala ramsayi</i>	Australian Fan Palm	Biodiversity / Charismatic	Native	30cm	N/A	10 x 3
WISfru	<i>Wisteria fruticosa</i>	Coastal Rosemary	Robust	Native	20cm	1	2 x 4
GROUNDCOVERS							
APTcor	<i>Aptenia cordifolia</i>	Variegated Heartleaf	Robust	Exotic	14cm	4	0.2 x 0.1
AUSram	<i>Austrostipa ramosissima</i>	Bamboo Grass	Biodiversity	Native	Tube	4	2 x 1
CRAssp	<i>Crassula sp.</i>	Crassula	Charismatic	Exotic	Tube	4	0.1 x 0.3
DIArev	<i>Dianella revoluta</i>	Black-anther Flax-lily	Biodiversity	Native	Tube	4	1 x 1.5
DICrep	<i>Dicondra repens</i> 'Silver Falls'	Silver Falls	Robust	Native	14cm	4	0.2 x 2
IMPcyl	<i>Imperata cylindrica</i>	Cogon Grass	Biodiversity	Native	Tube	4	1 x 1
ISOflu	<i>Isotoma fluviatilis</i>	Blue Star Creeper	Biodiversity	Native	Tube	4	0.04 x 0.3
LOMcyl	<i>Lomandra cylindrica</i>	Lime Wave	Robust	Native	14cm	4	0.7 x 0.7
LOMgla	<i>Lomandra glauca</i>	Lomandra	Biodiversity	Native	Tube	4	0.3 x 0.4
POApoi	<i>Poa poiformis</i>	Coastal Tussock Grass	Biodiversity	Native	Tube	4	1.2 x 1.5
SENblu	<i>Senecio</i> 'Blue Chalk Sticks'	Blue Chalk Sticks	Charismatic	Exotic	14cm	4	0.6 x 0.6
TRlela	<i>Tricoryne elatior</i>	Yellow Autumn Lily	Biodiversity	Native	Tube	4	0.4 x 0.4
WAHgra	<i>Wahlenbergia gracilis</i>	Australian bluebell	Biodiversity	Native	Tube	6	0.6 x 0.6
CLIMBERS							
BOUgla	<i>Bougainvillea glabra</i>	Bougainvillea	Charismatic	Exotic	20cm	N/A	5 x 1
TRAjas	<i>Trachelospermum jasminoides</i>	Star Jasmine	Robust	Exotic	20cm	N/A	3 x 1
WISSin	<i>Wisteria sinensis</i>	Chinese wisteria	Charismatic	Exotic	20cm	N/A	10 x 4





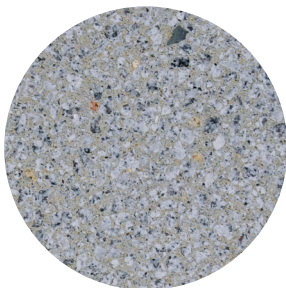


Engineered Stone Paver



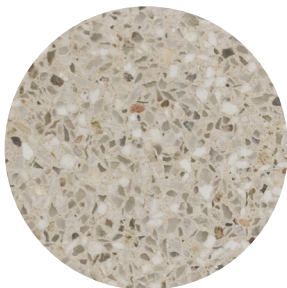
COLOUR: Type 1 - Golden Gunmetal  
FINISH: Honed, Shotblast, Milled  
SIZE: 200 Series - 500 Series  
SUPPLIER: Urbanstone

or similar approved



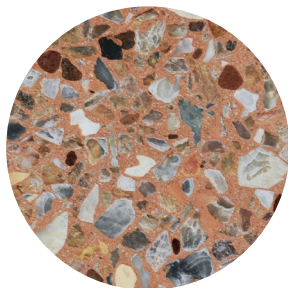
COLOUR: Type 2 - Silver Grey  
FINISH: Honed, Shotblast, Milled  
SIZE: 200 Series - 500 Series  
SUPPLIER: Urbanstone

or similar approved



COLOUR: Type 3 - Fleece  
FINISH: Honed, Shotblast, Milled  
SIZE: 200 Series - 500 Series  
SUPPLIER: Urbanstone

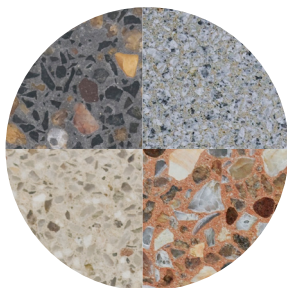
or similar approved



COLOUR: Type 4 - New Amber  
FINISH: Honed, Shotblast, Milled  
SIZE: 200 Series - 500 Series  
SUPPLIER: Urbanstone

or similar approved

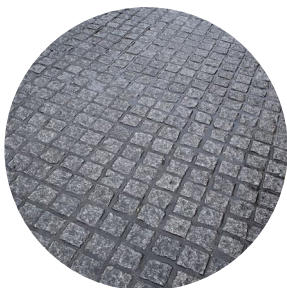
Decorative Concrete



COLOUR: Golden Gunmetal, Silver Grey, Fleece , New Amber  
FINISH: Honed, Shotblast, Milled  
SIZE: N/A  
SUPPLIER: Urbanstone

or similar approved

Cobbletop Paver



COLOUR: Golden Gunmetal, Silver Grey, Fleece , New Amber  
FINISH: Honed, Shotblast, Milled  
SIZE: 200 x 300 x 60mm  
SUPPLIER: Urbanstone

or similar approved

Reinforced Grass Paving



COLOUR: N/A  
FINISH: N/A  
SIZE: 816mm x 612mm x 40mm  
SUPPLIER: Cirtex - Sure Pave

or similar approved

Thermoplastic Surface Coating



COLOUR: To be determined  
FINISH: N/A  
SIZE: N/A  
SUPPLIER: MPS Paving - DuraTherm

or similar approved

Granitic Gravel



COLOUR: White Scoria  
FINISH: N/A  
SIZE: 20mm  
SUPPLIER: Turtle Nursery & Landscape Supplies

or similar approved

Composite Deck

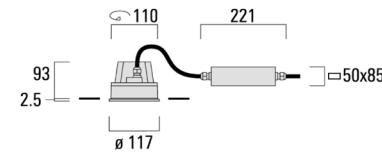


COLOUR: Spotted Gum  
FINISH: N/A  
SIZE: 3.66mm x 136mm x 24mm  
SUPPLIER: NexGen Decking - Select Composite Decking

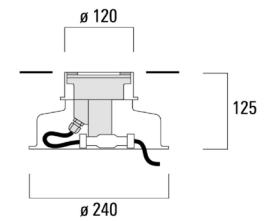
or similar approved



D1  
Down Light



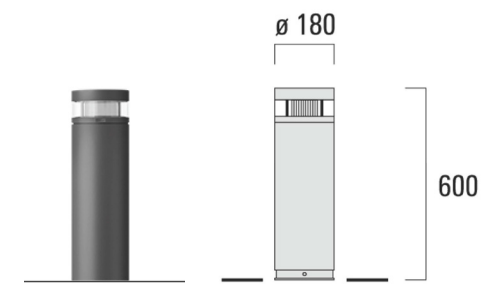
T1  
Tactile Surface Light



LED1  
LED Strip Lighting



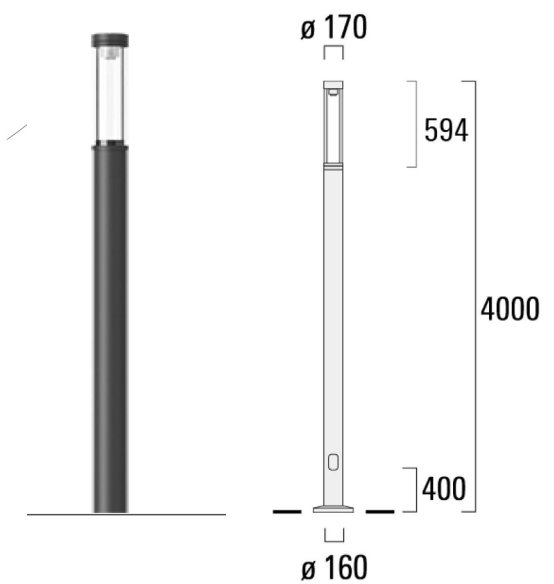
B1  
Bollard Light



S1  
Spike Spot Light



P1  
Pole Light



18  
244-293  
364

# LIGHTING PLAN



Client:  
Thunderbirds Are Go at  
the Gardeners Trust

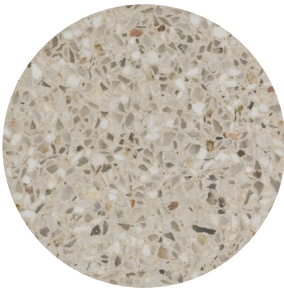
Date: February 2021  
Scale: 1:500 @ A1  
1:1000 @ A3

Drawing number:  
20317-00-L108

REALM studios



Decorative Concrete



COLOUR: Golden Gunmetal  
FINISH: Honed  
SIZE: N/A  
SUPPLIER: Urbanstone

or similar approved

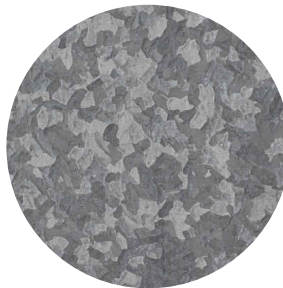
Composite Deck



COLOUR: Spotted Gum  
FINISH: N/A  
SIZE: 3.66mm x 136mm x 24mm  
SUPPLIER: NexGen Decking -  
Select Composite Decking

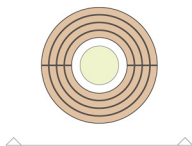
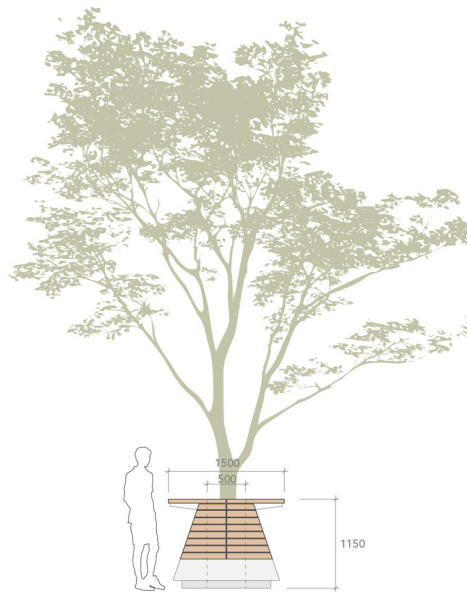
or similar approved

Galvanized Metalwork

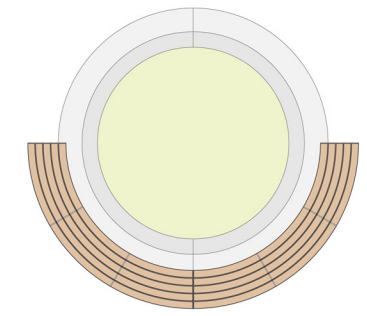
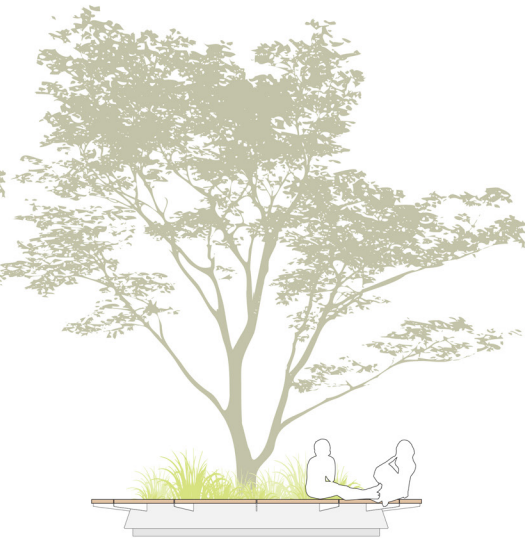


COLOUR: Galvanized steel  
FINISH: N/A  
SIZE: N/A  
SUPPLIER: TBC

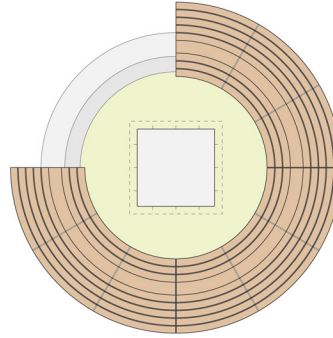
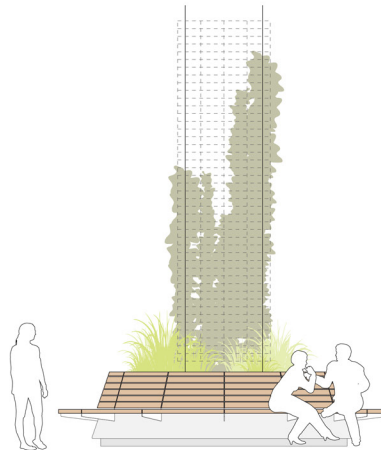
or similar approved



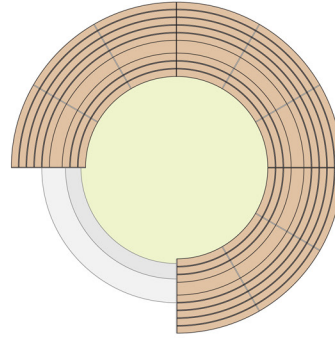
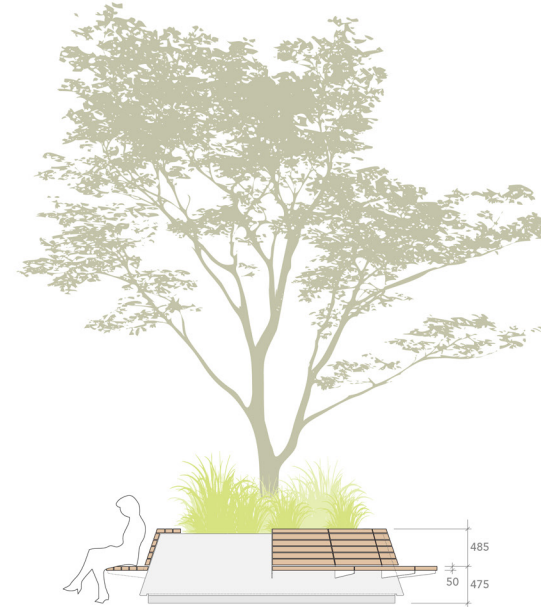
Tree guard  
coffee bar



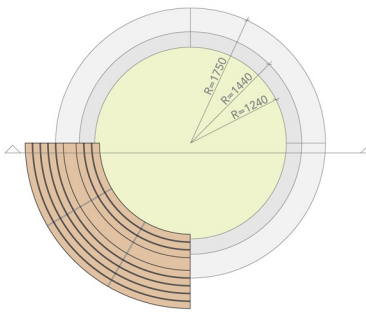
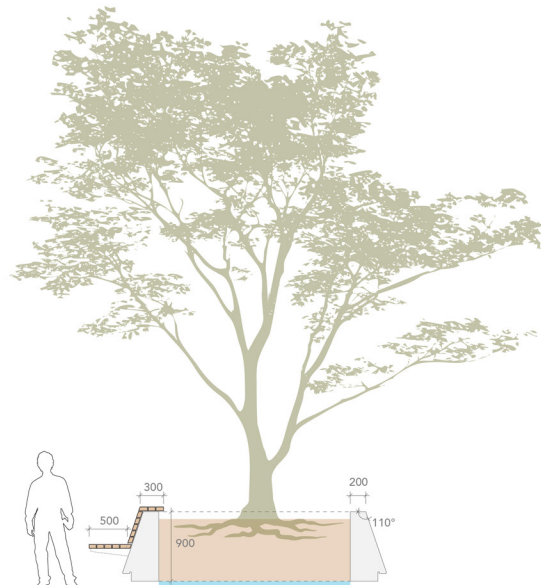
Deep soil garden  
bed ring bench



Column planter and  
climbing trellis



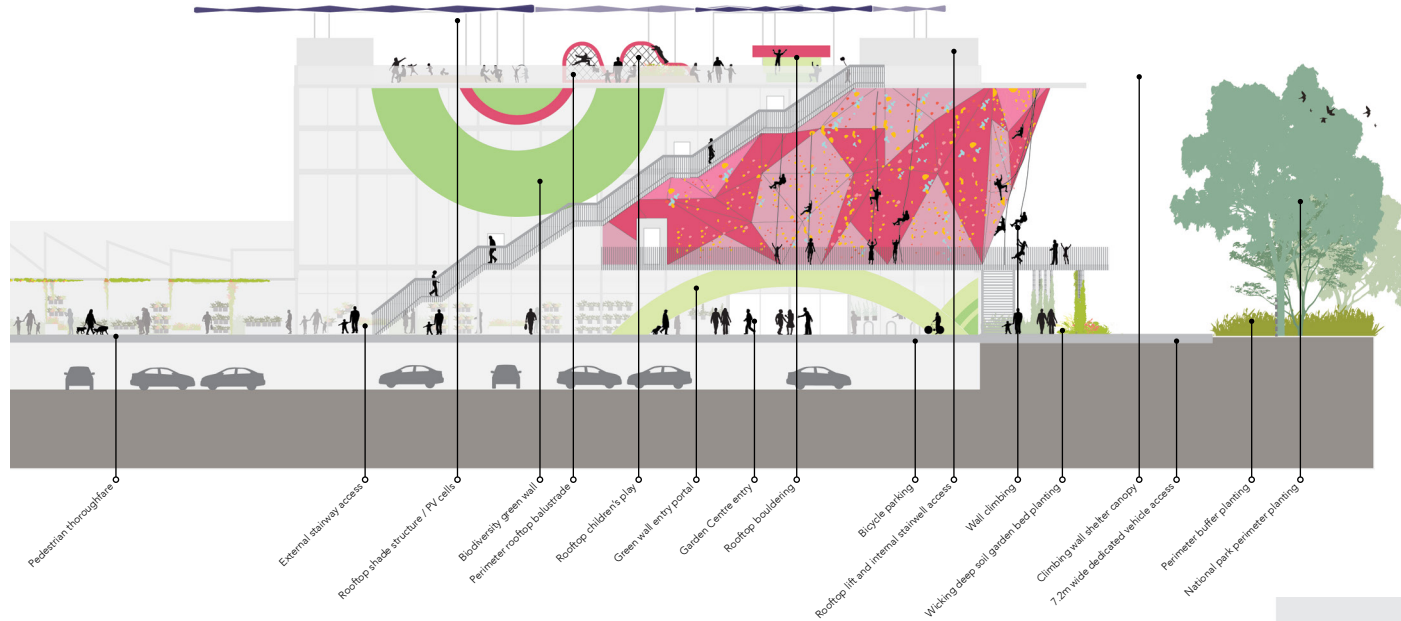
Deep planter with  
3/4 bench



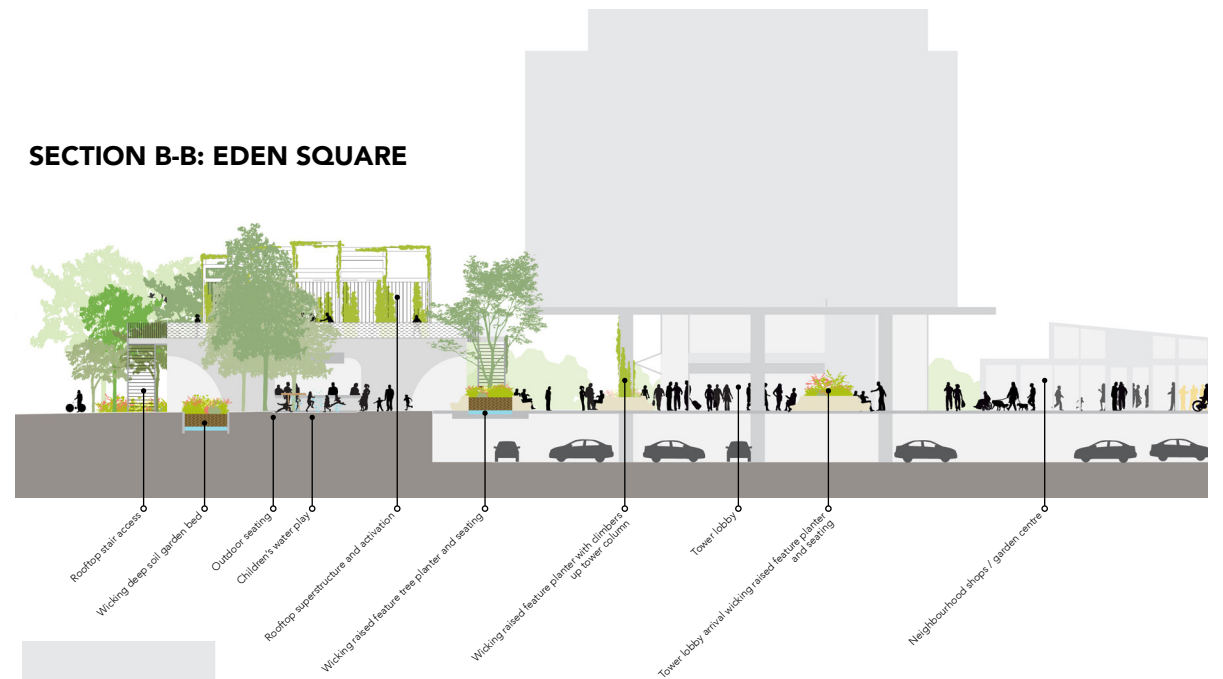
Deep planter with  
1/4 bench



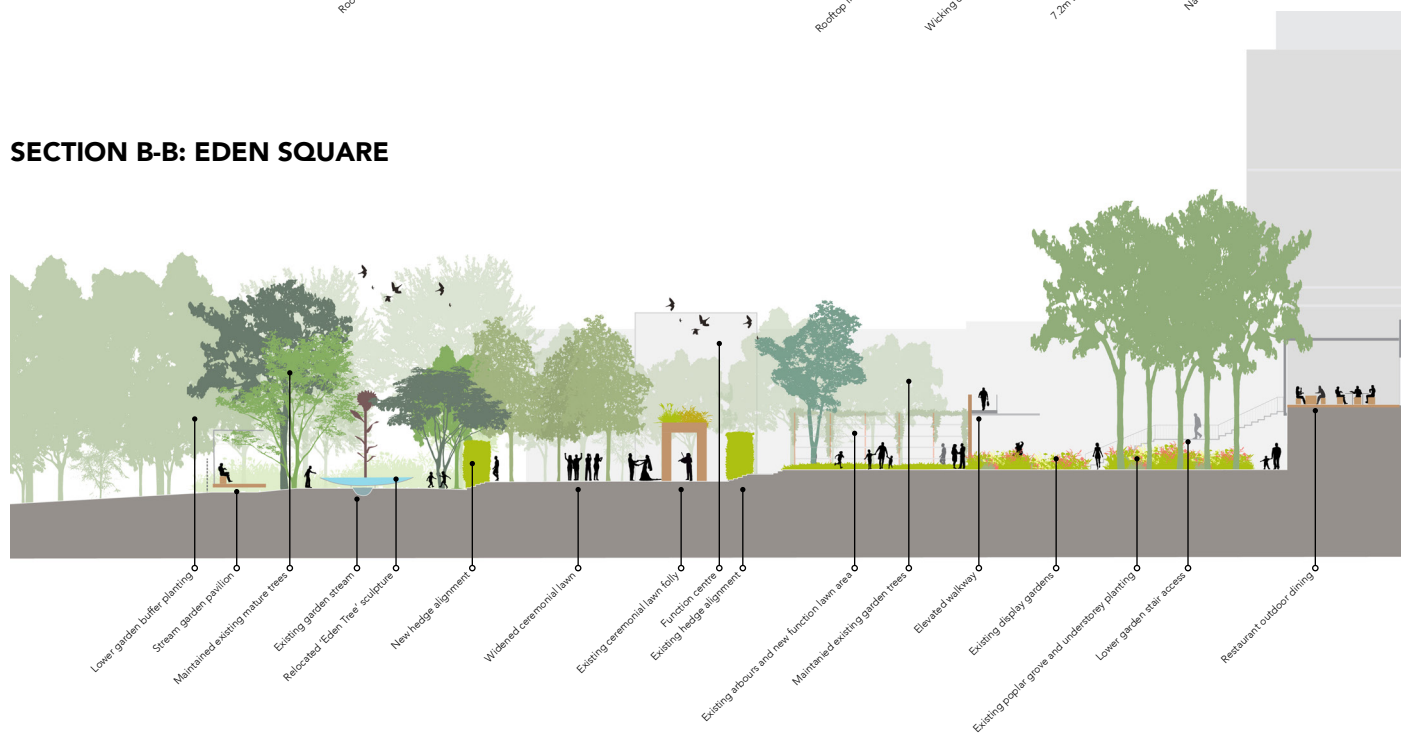
SECTION A-A: ACTIVE & WELLNESS



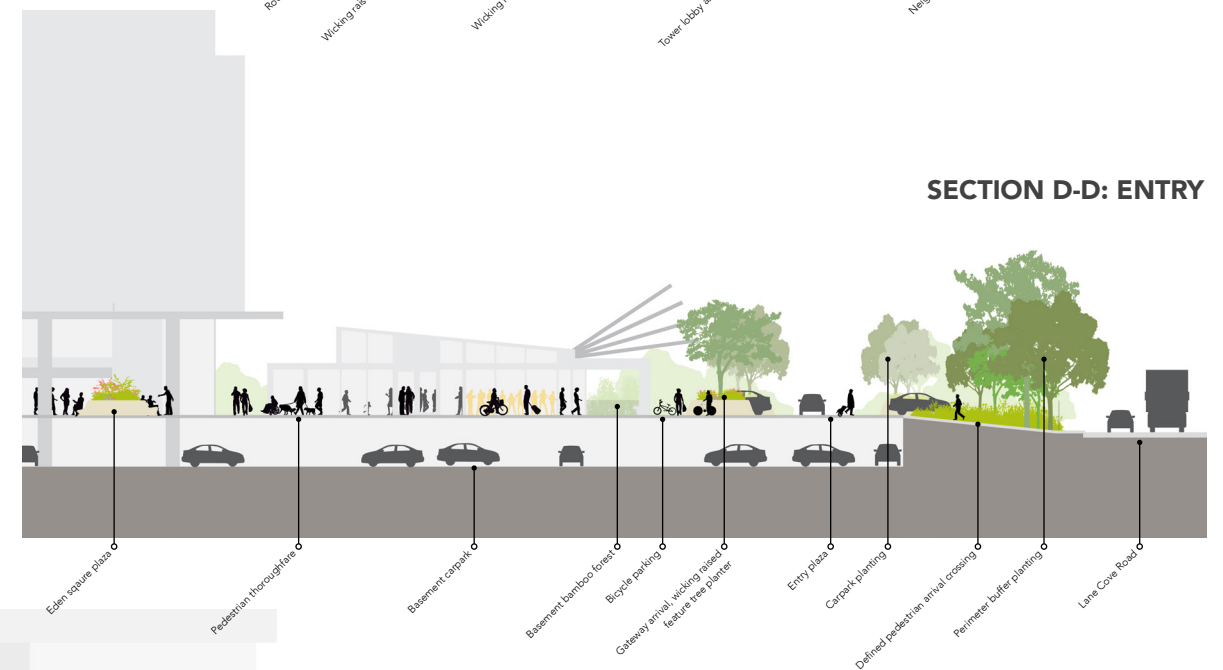
SECTION B-B: EDEN SQUARE



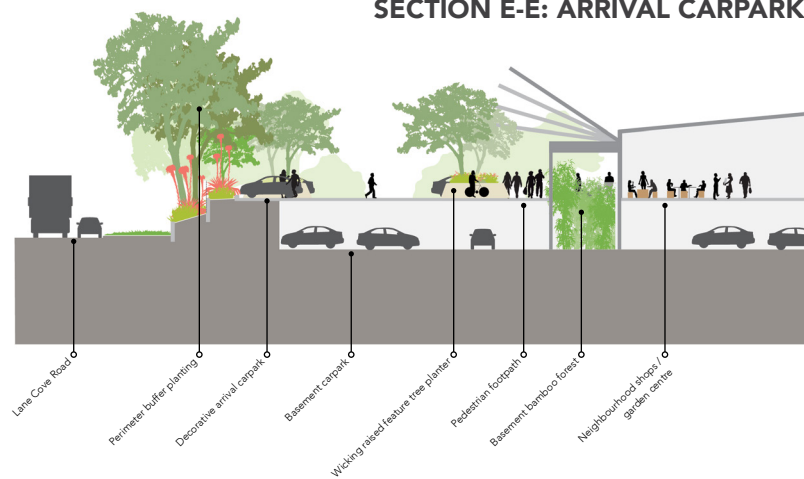
SECTION B-B: EDEN SQUARE



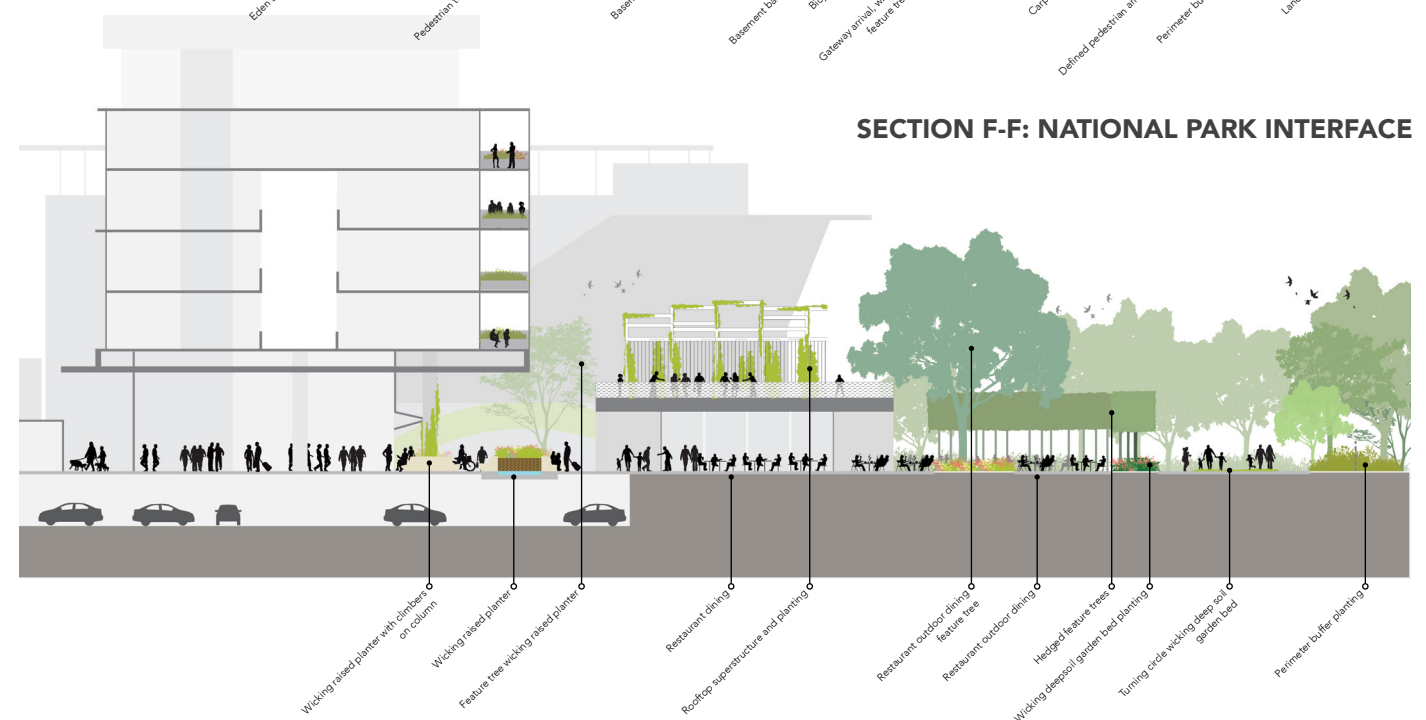
SECTION D-D: ENTRY



SECTION E-E: ARRIVAL CARPARK



SECTION F-F: NATIONAL PARK INTERFACE







# REALMstudios

## city making + liveability

**REALM**studios Pty Ltd  
ABN 39165483330

[enquiries@realmstudios.com](mailto:enquiries@realmstudios.com)

[www.REALMstudios.com](http://www.REALMstudios.com)

### Sydney

Level 4, 68 Wentworth Avenue,  
Surry Hills, 2010  
T +61 (0) 414 369 262  
[tom.rivard@realmstudios.com](mailto:tom.rivard@realmstudios.com)

### Melbourne

Ground floor, 79-81 Coppin Street  
Richmond, Vic 3121  
T +61 3 9070 1157  
[jon.shinkfield@realmstudios.com](mailto:jon.shinkfield@realmstudios.com)  
M +61 411 551 512

### Perth

L2, Commonwealth Bank Building  
242 Murray Street, Perth WA 6000  
T +61 8 9227 7222  
[damien.pericles@realmstudios.com](mailto:damien.pericles@realmstudios.com)  
M +61 456 714 655