



THORNDON PARK SUPER PLAYGROUND

DESIGN DEVELOPMENT REPORT



THORNDON PARK SUPER PLAYGROUND



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Introduction

Following on from the Concept Design and subsequent design refinement by JPE Design Studio in response to the needs of Council and the community, the consultant team has undertaken the design development phase of the project.

This document brings together input in the areas of:

- Landscape architecture
- Bespoke play design
- Civil engineering
- Horticulture

THORNDON PARK SUPER PLAYGROUND

Background



Thorndon Park Reserve in Paradise is recognised as a major regional destination for residents, ratepayers, and visitors to the Campbelltown City Council. As one of Council's key regional parks it provides active and passive recreation facilities for people of all ages and abilities. The current play facilities at the Reserve are reaching end of asset life, and no longer satisfy the diverse and engaging experiences of contemporary playspace design. The Super Playground project proposes to upgrade the existing playspace at the Reserve with a regional play facility and youth recreation area to cater for all ages, cultures, and abilities.

The new playspace area will be approximately 3500m² (currently 1250m²) within a greater 20-hectare reserve and will expand on the current playground location adjacent to Reserve's Moonlight Market grounds.

As the Council's premiere playspace, the Thorndon Park Super Playground will set a new benchmark of inclusive and exciting destination play for the eastern suburbs of Adelaide. Inspired by the abundant and valued birdlife of the greater Reserve, the Super Playground showcases bird behaviour, habitats and food to create unique play and educational opportunities. Play equipment reimagined as large sculptural birds act as placemaking tools to provide a memorable and engaging experience.

Site Context

- Expanding upon the current playspace location, the new Super Playground nestles itself into the landscape between the Amphitheatre, Moonlight Market Lawns and Pavilions.
- New paths connect into the greater path network of the reserve and extend the accessibility of the site.
- The playspace follows the existing sloping topography down towards the Reservoirs, creating a series of smaller terraced playspaces interconnected by an accessible central path.
- Organic forms inspired by the motion of birds in flight compliments the existing character of the Reserve
- Existing trees have been factored into the design with minimal impact to mature and valued tree canopies

THORNDON PARK SUPER PLAYGROUND

Site Plan



THORNDON PARK SUPER PLAYGROUND

Concept Development

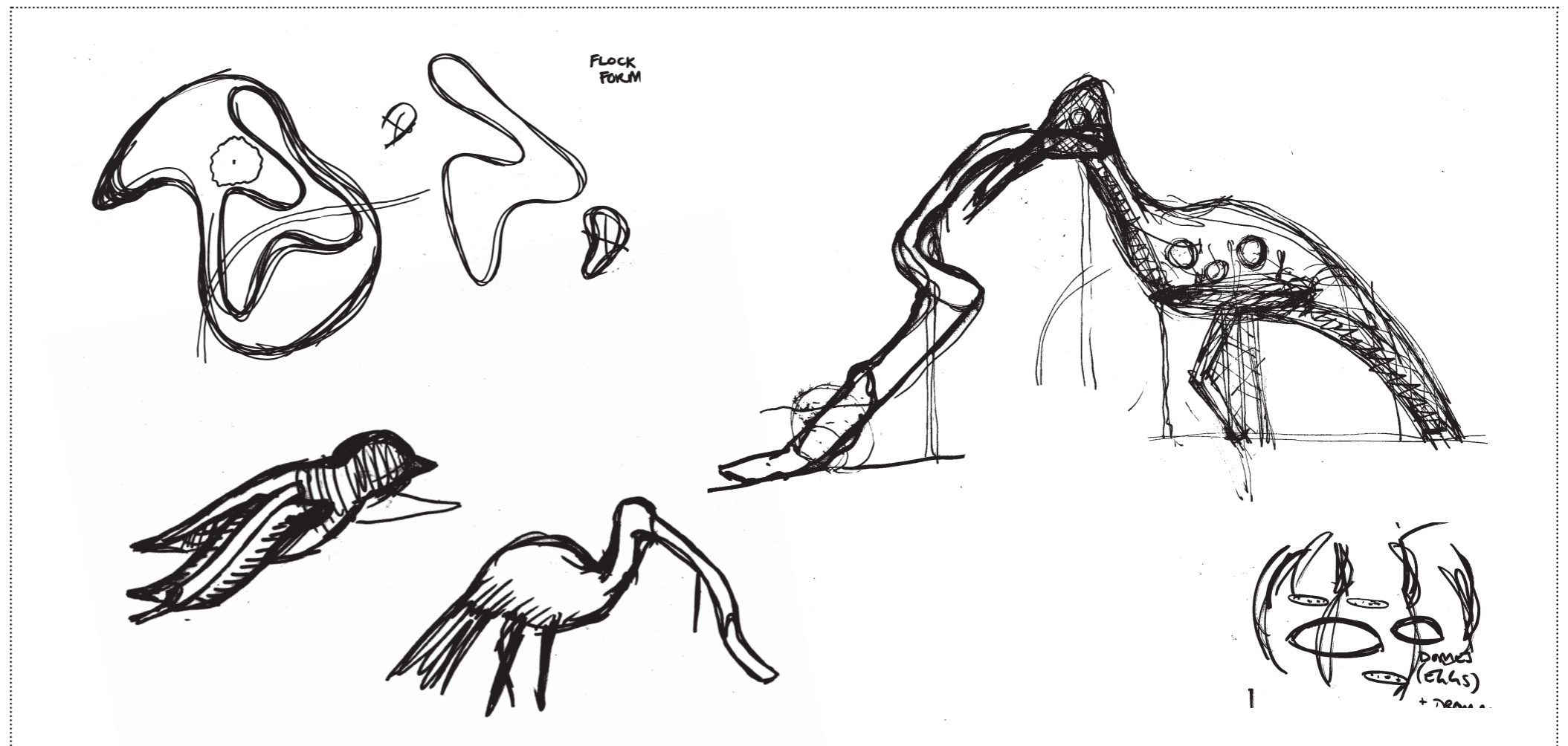
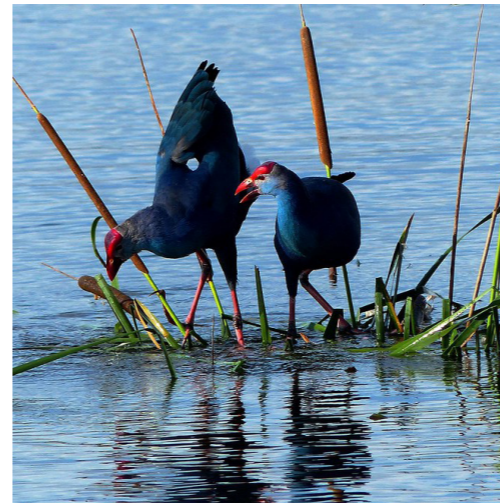


Thorndon Park has a rich cultural heritage and complex layering of narratives that have been woven into the concept design to create innovative story-telling and placemaking. The celebration of birdlife was selected as a driving theme for its ability to transcend cultures, with significance to the Kaurna people through to early European settlement and present-day multicultural society.

The concept design showcases bird behaviour, habitats, and food to create unique play experiences. This theming offers educational opportunities for conservation, biodiversity, cultural awareness, social behaviour, and sustainability. This message of sustainability underpins the design; with features such as passive irrigation, biodiverse planting, increased canopy coverage, low volume water play elements, and a focus on local, recycled, and recyclable materials.

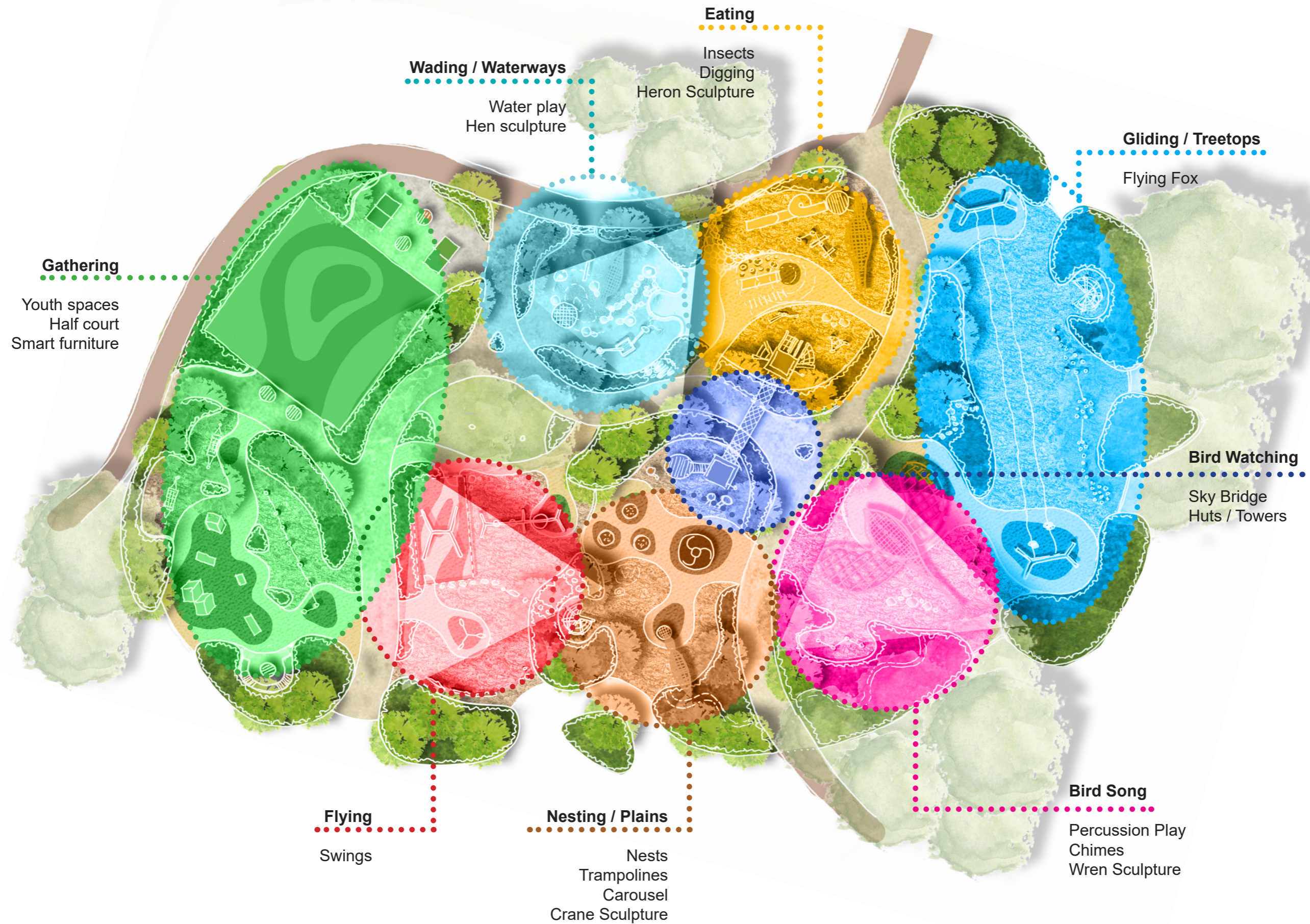
The broad scale of the site, with its connection to water, native vegetation and contemporary arts and events offered an exciting opportunity to create dramatic play elements to capture the imagination of visitors of all ages and abilities. Sculptural birds that tower above the playground and nestle within the tree canopies create a powerful and memorable visual experience.

The flocking and swooping motions of birds in flight inspired the organic forms of the playspace, with sweeping paths and garden beds that create intimate spaces and a sense of discovery from one zone to another.



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Concept Development




THORNDON PARK SUPER PLAYGROUND


Landscape Plan





The adjacent Design Development Plan reflects the refined vision of the Concept Design with resolved levels, materials, equipment selections and connections.


Legend


- 


P1
Exposed Aggregate Concrete
Colour 1
- 


P2
Exposed Aggregate Concrete
Colour 2
- 


P3
Exposed Aggregate Concrete
Colour 3
- 


P4
Rubber Softfall
Colour 1
- 


P5
Rubber Softfall
Colour 2
- 


P6
Pine Chip Softfall
- 


P7
Sports Court Surfacing
Colour 1
- 


P8
Sports Court Surfacing
Colour 2
- 


TU
Irrigated Turf
- 


SP
Sandpit
- 

GB
Mulched and Irrigated
Garden Bed
- 

Existing Unit Paving
- 

Stainless Steel Tactile Indicators
- 

Relocated Sculpture
- 

New Tree
- 

Existing Tree

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Landscape Plan

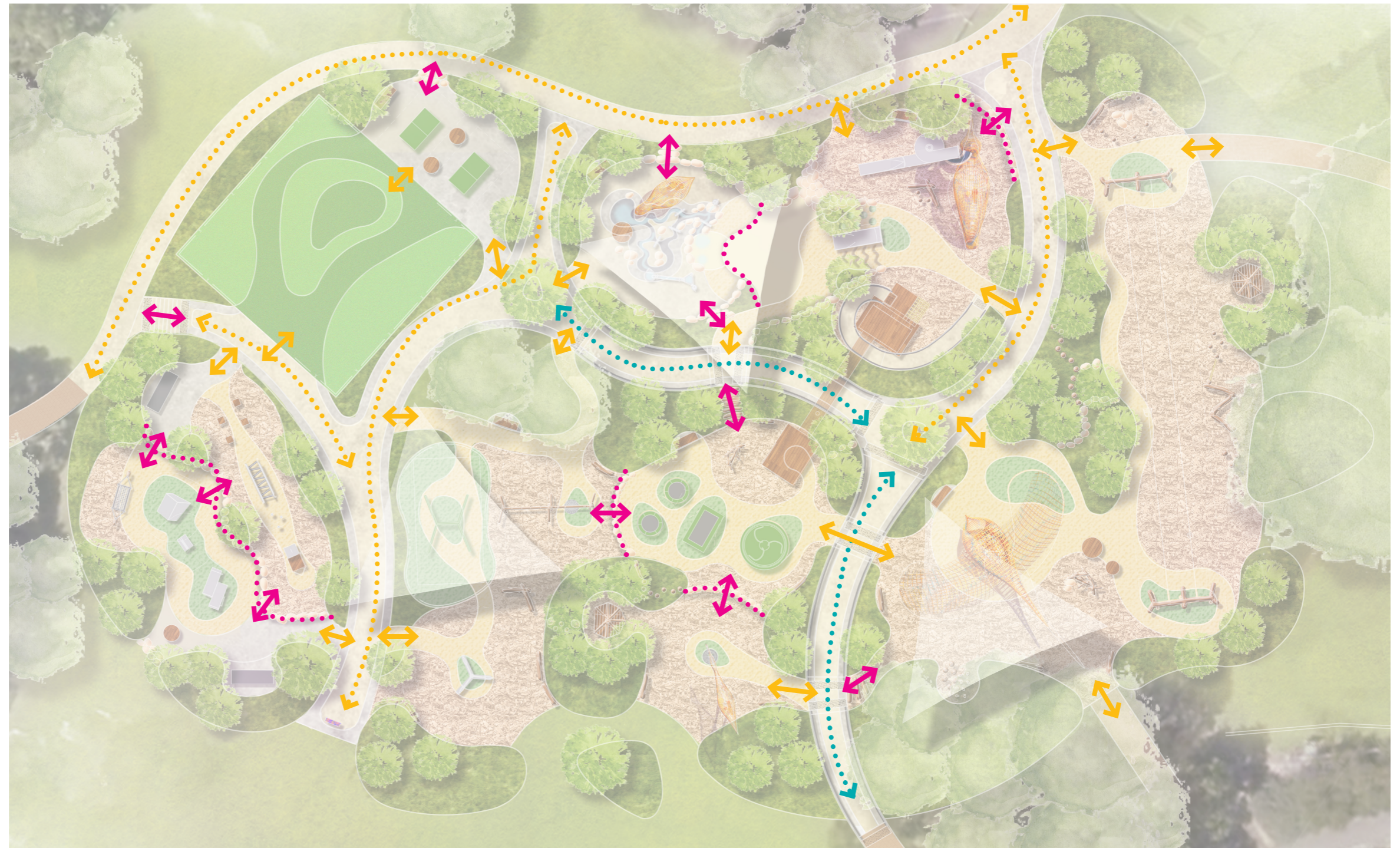


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Levels Plan

-  Walkway
-  Ramp
-  Level Change
-  Step Access
-  Flush Access



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Equipment Plan

- ① Hammock
- ② Parkour
- ③ Ninja Warrior
- ④ Half Court with Basketball, Netball and Futsal Goals
- ⑤ Table Tennis
- ⑥ Irrigated Turf with Existing Trees
- ⑦ Swing Zone (including relocated Liberty Swing)
- ⑧ Nest Cubby
- ⑨ Water Play Zone with Misting Hen Sculpture
- ⑩ Trampolines (including wheelchair accessible)
- ⑪ At-grade Carousel
- ⑫ Crane Sculpture with Swing
- ⑬ Sky Bridge & Bird Watching Huts
- ⑭ Slides and Large Climbing Heron Sculpture
- ⑮ Musical Equipment with Large Climbing Wren Sculpture
- ⑯ Flying Fox and Timber Stilts/Steppers
- ⑰ Large Shade Structure

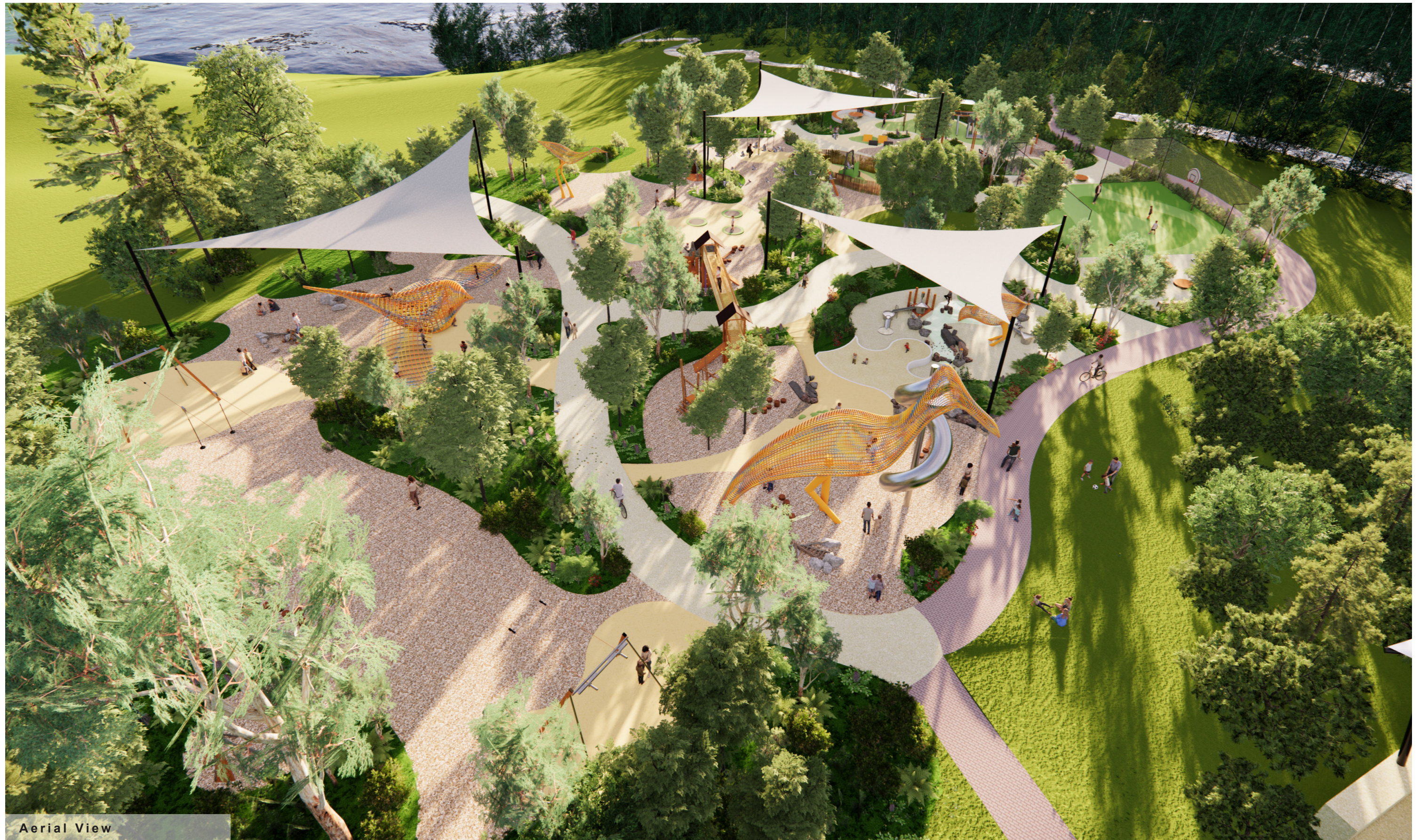
Furniture

- ① Sedi Smart Seat
- ② Standard Bench Seat with Backrest and Armrest
- ③ Pod Seat - Medium
- ④ Pod Seat - Large
- ⑤ Pod Seat - Small
- ⑥ Incidental Log Seating



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Perspective Views



Aerial View

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Perspective Views



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Materiality



Natural tones to compliment Reserve setting

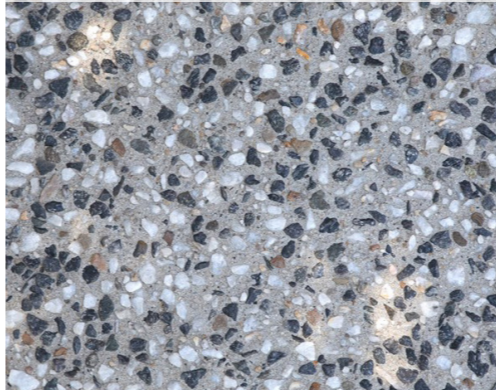
Contrasting paving tones for visual clarity

Feature colour for key sculpture pieces

Light Concrete



Mid Tone Concrete



Dark Concrete



Pine Chip



Green Rubber



Sandy Rubber



Dark Court Surface



Light Court Surface



Tectiles



Feature Powdercoat



Steel Edge



Concrete Edge



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Furniture



Timber and dark tone powder coat steel

Compliment natural setting

Doesn't compete with vibrant colours of play pieces

**Standard Bench Seat
'Parben Bench'**



**Standard Bench Seat
'Parben Bench'**



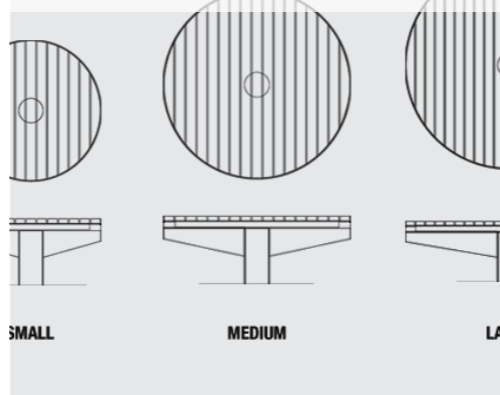
**Smart Seat
'Sedi Connect'**



**Smart Seat
'Sedi Connect'**



**Feature Seat
Pod by JPE**



**Feature Seat
Pod by JPE**



**Drink Fountain
'Arqua Fountain'**



**Bin
'Gateway Bin'**

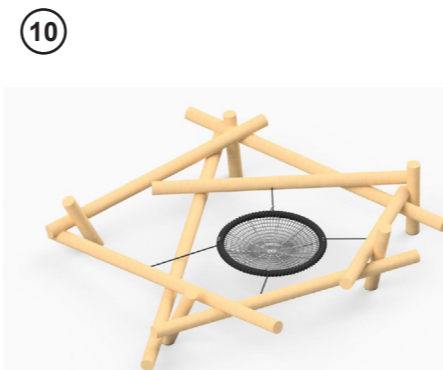
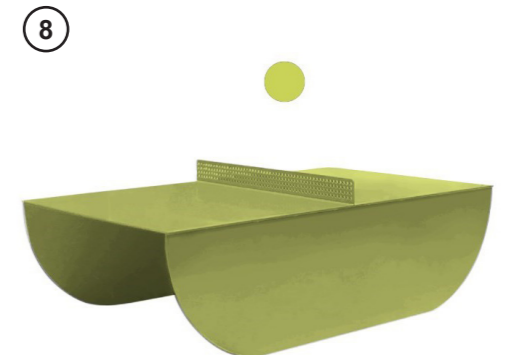
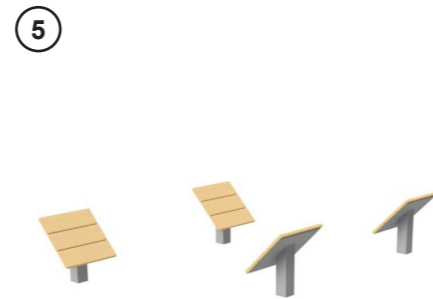
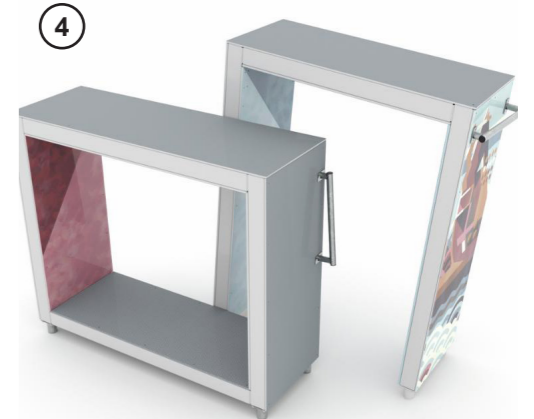
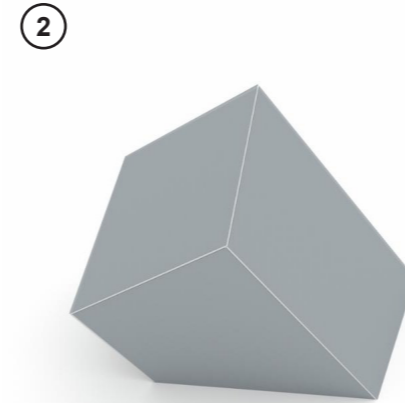


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Equipment



- ① Hammock
- ② Parkour Block
- ③ Parkour Dex Box
- ④ Parkour Base Double
- ⑤ Ninja Warrior Angled Steppers
- ⑥ Ninja Warrior Tubo Challenge Fitness
- ⑦ Ninja Warrior Warped Wall
- ⑧ Table Tennis Table
- ⑨ Double Swing Combo
- ⑩ Large Nest 'The Lair'
- ⑪ Custom Cubby
- ⑫ Sensory Board

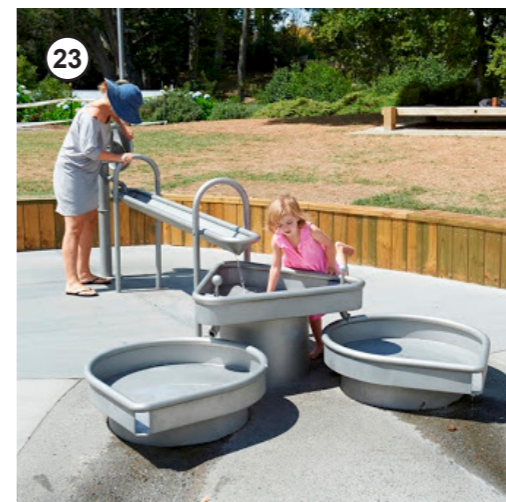
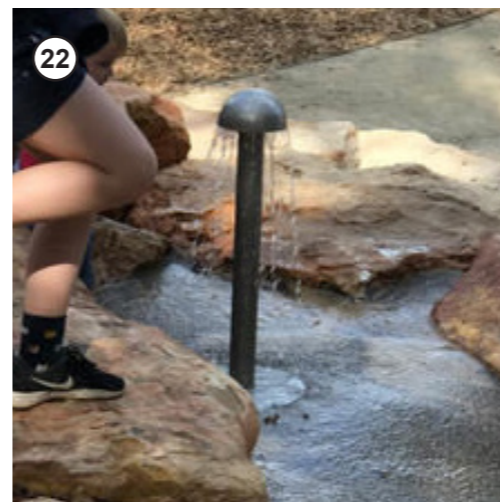


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Equipment



- ⑬ Accessible Trampoline
- ⑭ Regular Trampoline
- ⑮ Carousel
- ⑯ Junior Slide Bedway
- ⑰ Sky Bridge & Huts
- ⑱ Log Climbers
- ⑲ Babel Drum
- ⑳ Emperor Chimes
- ㉑ Double Flying Fox
- ㉒ Mushroom Spring
- ㉓ Elevated Water Play
- ㉔ Carousel Swing



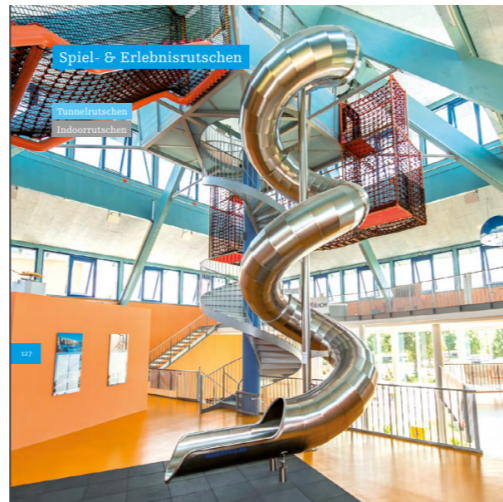
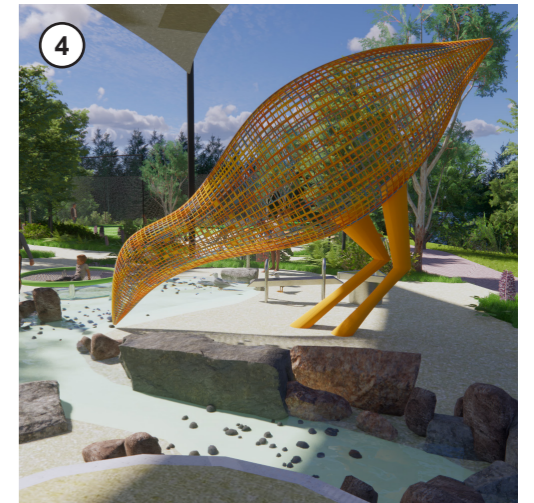
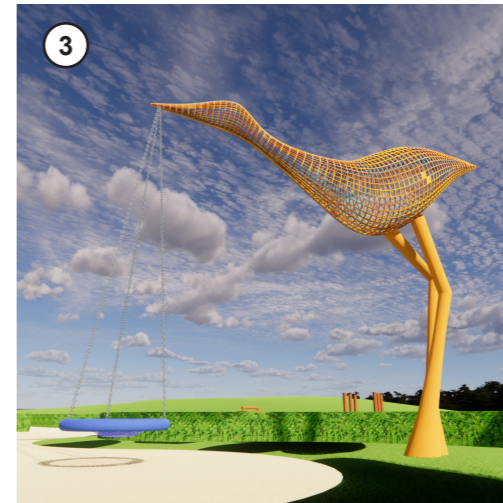
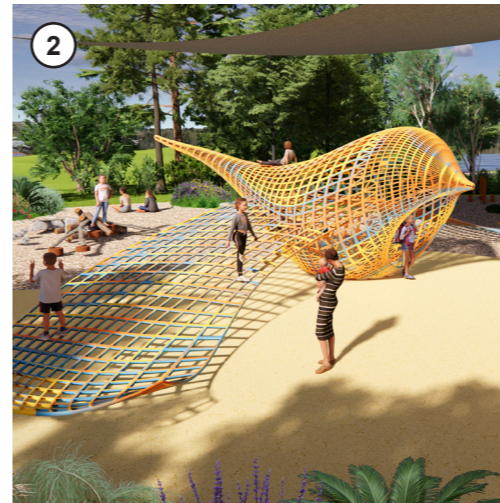
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Feature Bird Sculptures



The feature bird sculptures are currently under development with Iguana Creative

- ① **Heron Sculpture**
 - Large Slide
 - Climbing Network
- ② **Wren Sculpture**
 - Low Climbing Net
 - Chimes
- ③ **Crane Sculpture**
 - Crane Swing
- ④ **Hen Sculpture**
 - Misting Fog



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Planting Palette



TREES

- Melaleuca ssp*
- Eucalyptus ssp*
- Hakea francisiana*
- Cupaniopsis anacardioides*
- Banksia marginata*



PLANTING

- Anigozanthos spp.*
- Chrysocephalum apiculatum*
- Cymbopogon ambiguus*
- Hardenbergia comptoniana*
- Kunzea pomifera*
- Lavandula ‘Grosso’*



- Melissa officinalis*
- Eremophila ‘Kalbarri Carpet’*
- Myoporum parvifolium*
- Poa labillardieri*
- Rosmarinus ‘Prostrate’*
- Senecio serpens*



- Centaurea gymnocarpa*
- Dichondra ‘Silver Falls’*
- Leucophyta brownii*
- Liriope muscari ‘Isabella’*
- Acacia cognata ‘Limelight’*
- Stachys byzantina*

