

CONCEPT MASTERPLAN

ELLISTON RESERVE

2025



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Background

Elliston Reserve is approximately 2.6Ha and is located on the corner of Lower North East Road and Awoonga Road. The land is owned by the Minister for Sustainability, of which Council has care and control and approval from the Crown to use the land for recreation purposes.

Managed by Council and owned by the State Government, Elliston Reserve is a popular destination in the North East for BMX enthusiasts, boasting an array of trails, jumps, and mounds that have made it a favourite spot for riders. Locals have embraced the reserve as a vital connector, linking them to the scenic Hope Valley Reservoir, Highbury Aqueduct and the River Torrens Linear Park.

In July 2023 an outbreak of Giant Pine Scale was detected by Council staff in the Reserve, following outbreaks in Hope Valley Reservoir, the Aqueduct and Silverlake Reserves, Highbury. Giant pine scale (*Marchalina hellenica*) is an insect that sucks the sap of pine trees, posing a threat to our softwood plantation industry. Tree removal is the only permanent and effective treatment option for Giant Pine Scale. The removal of 210 impacted and vulnerable trees in Elliston (188) and Silverlake (21) Reserves was completed between 2023 and 2025. In total the outbreak has resulted in the loss to date of 2.05% of tree canopy coverage.

On the 29 August 2025, the State Government announced \$150,000 in funding for the development of a masterplan for Elliston Reserve. The estimated budget used for the masterplan is in the order of \$5M. The scope of works includes extensive revegetation, a regional level playspace and supporting infrastructure including active recreation elements to address the undersupply of youth infrastructure. Elements include graduated bike infrastructure consisting of a snake run and pump tracks suitable for small and large wheeled vehicles and dirt jumps that enable users to construct their own jumps. Junior and senior playspaces, car parking and access roads, grass kickabout spaces, picnic facilities and revegetation works.



Site Context



- Legend**
- Open green spaces
 - Current walking trails
 - New trail under construction (Actual alignment TBC)



Highbury Aqueduct Reserve



River Torrens Linear Park



Hope Valley Reservoir (SA Water)



Turramurra Recreation Centre

Site Inventory & Analysis



Potential opportunities

- 1 Play structure
- 2 Bike trails and snake run
- 3 Junior pump track
- 4 Open lawn areas
- 5 Buffer planting
- 6 Car park
- 7 Main vehicle entry/exit from Awoonga Road
- 8 Secondary vehicle entry/exit from Elliston Avenue

Legend

- | | | |
|-----------------------------|--------------------------------|---------------------|
| Pedestrian paths (Concrete) | Stormwater structure | SAPN infrastructure |
| Pedestrian paths (Rubble) | Retaining walls | Grades |
| Pram ramps | Furniture | Bike infrastructure |
| Main roads (DIT) | Gates | - mounds & jumps |
| Local roads | Fences | - trails |
| Vehicle maintenance track | Bollards | Bus stops |
| Existing trees | Signalised pedestrian crossing | Traffic noise |



A View East to existing bike jumps



C View West to Hope Valley Reservoir



B View South along Awoonga Road



D View South-East to Lower North-East Road

Concept Workshop

6



Internal scoping workshops and one on one's with subject matter experts and key stakeholders were held in late August and early September to identify potential themes, high level-concept ideas and to provide technical information to inform the development of the concept design.

Feedback was sought on theming, open space experiences, potential supporting infrastructure and technical requirements, design concepts and revegetation to be included in the scope and incorporated to inform the development of a concept design. Including but not limited to delivery models, potential infrastructure ie playspaces, bike infrastructure, public art, event infrastructure, irrigation and an alternative water supply to potable water, soft landscaping, informal recreation, lighting, irrigation requirements, traffic considerations and carparking.

The renewal of Elliston draws inspiration from the natural cycle of destruction and regeneration, reflecting the landscape’s recovery from Giant Pine Scale devastation.

Through symbolic design elements—such as depicting emerging flora, and vibrant ecosystems, creating designs through the use of natural light—the space tells a story of regeneration and resilience.

Community can journey through interactive recreational zones that mirror ecological recovery, from barren beginnings to thriving hub of activity. This space fosters connection to the local nature surroundings, celebrates renewal, and connects visitors to the importance of activating open spaces.

Phase one new shoots, regeneration. Vibrant green leaves, with larger leaves extending above the smaller leaves creating shadows representing future growth.

Phase two the blossoming of flowers that attract butterflies. Creating a ceiling forming a skylight that projects light, colour and shadow to the ground plain in the centre of the playspace, with a slide circling the the central core, providing movement.

Phase 3 is the return of fauna to the reserve with sculptural elements that can be climbed, vertical artworks that reflect patterns and colours on the ground and photographic imagery of native flora and fauna. Species that are locally found are to be identified by Council’s Biodiversity team and will reflect the stories of Elliston through interpretive signage.



New shoots, with species to be reflect reserve plantings



Indigofera Australis, Austral Indigo



Lampides boeticus (Long-tailed Pea-blue)



Skunk Control (4 Impossible Things Before Breakfast)



Skunk Control (Elysium Fields, Holdfast Bay Council)

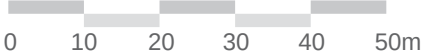


Skunk Control (The Colour Bridge, Alpine Shire)

Functional Diagram



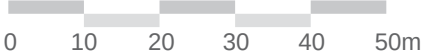
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Key Elements - Car Park & Vehicle access



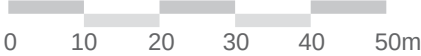
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Key Elements - Bike Trails, Pump Track & Snake Run



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Key Elements - WSUD & Drainage



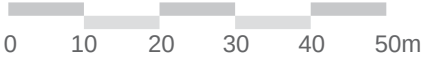
Key Elements - Pedestrian Connections



Key Elements - Amenities, BBQ, Shelters & Outdoor Furniture



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Key Elements - Plaza

Play Precinct

Key

1

Toilet block

2

Informal seating area

3

Water and electrical connections for food truck



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Key Elements - Open Lawn

Play Precinct



Location Plan

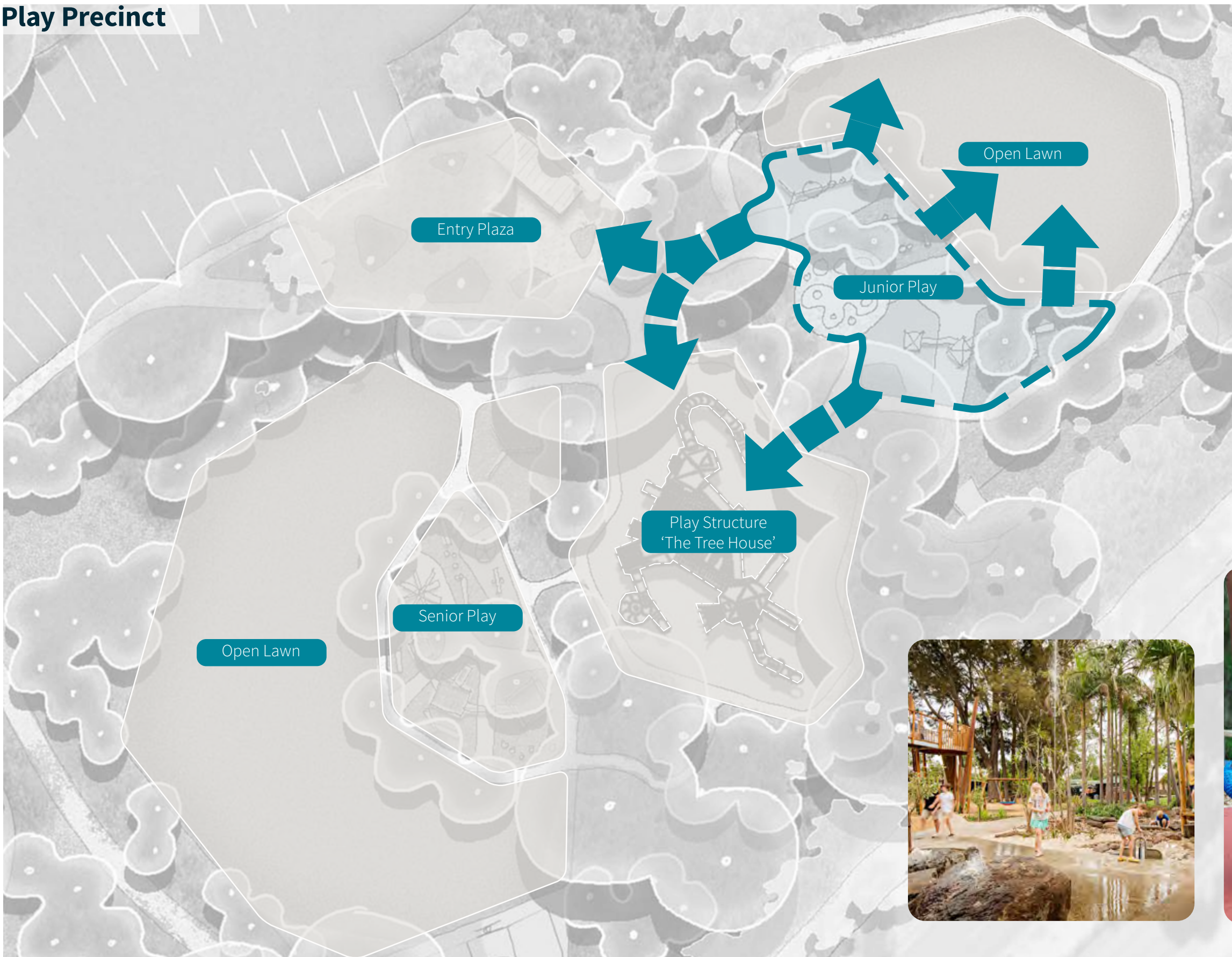


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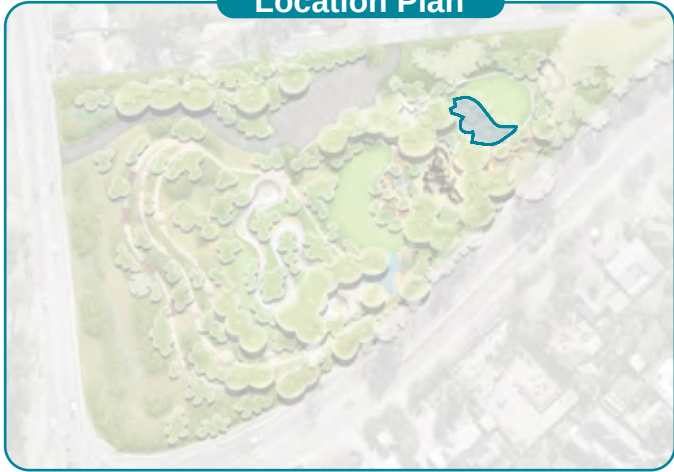


Key Elements - Junior Play Zone

Play Precinct



Location Plan



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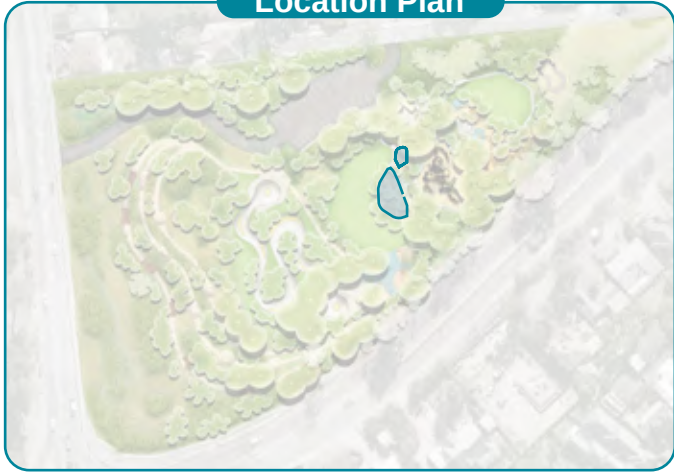


Key Elements - Senior Play Zone

Play Precinct



Location Plan

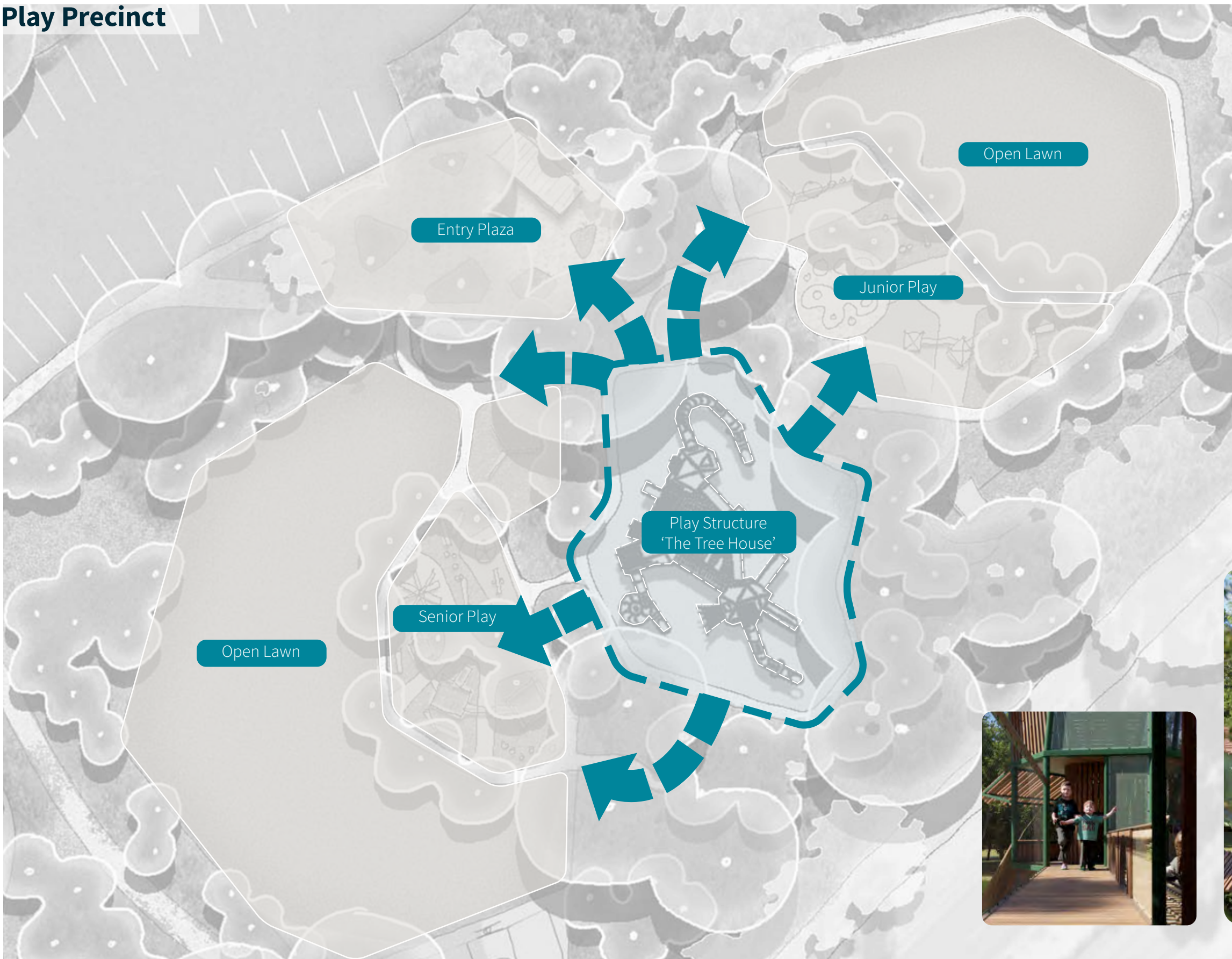


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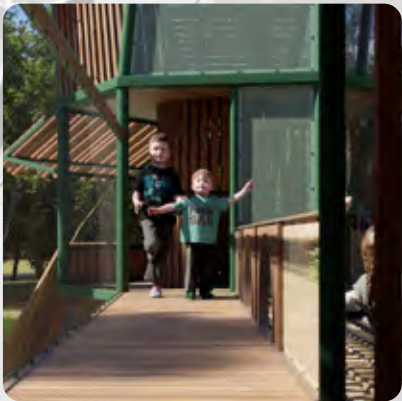
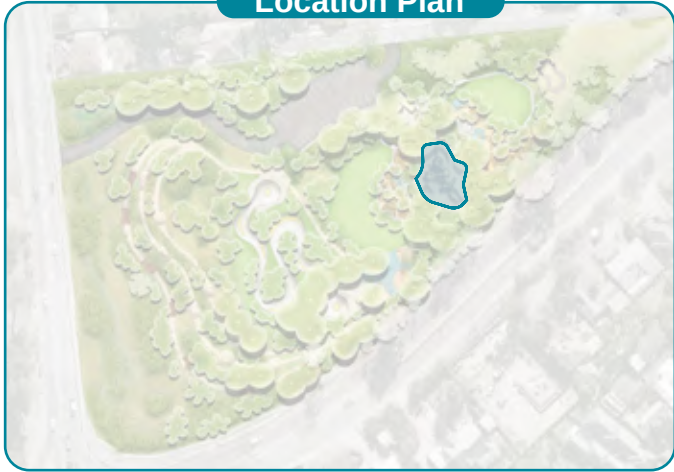


Key Elements - Play Structure 'The Tree House'

Play Precinct



Location Plan



SCALE: 1:250

0 5 10 15m



Key Elements - Play Structure ‘The Tree House’

Play Precinct

The heart of the playspace ‘The Tree House’.

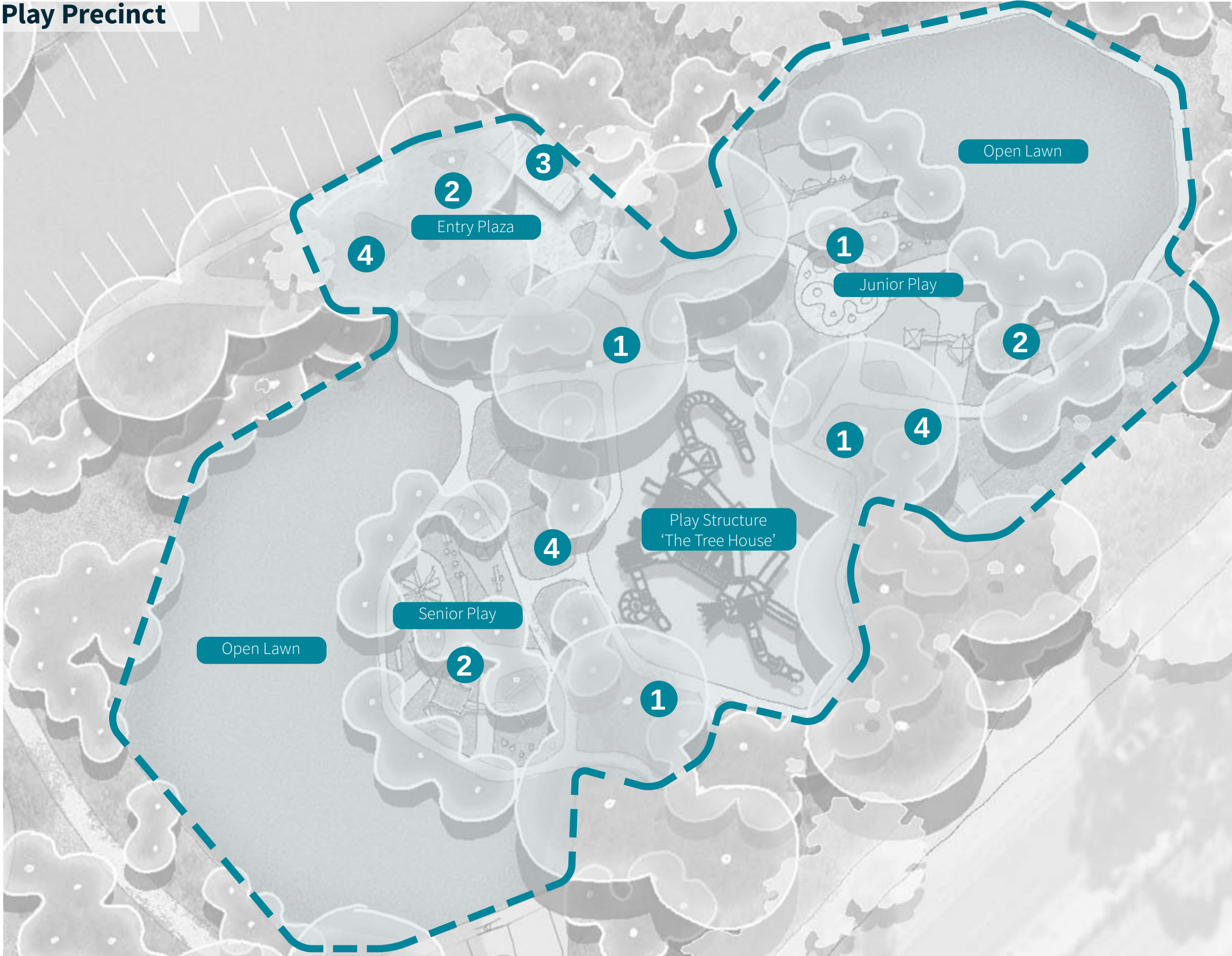
At the heart of the play precinct, the tree house stands as a sculptural play structure, a tribute to the towering pines that once defined Elliston Reserve and symbolic of the future canopy to come. Its design integrates shade seamlessly across all levels, mitigating the need for shade sails over the central play structure, creating a naturally sheltered environment for play.

The tree house offers a diverse range of graduated play experiences across multiple tiers, inviting children of all ages and abilities to explore, interact and grow. Higher levels introduce greater challenges, allowing children to experience the space differently as confidence and capability develop over time. Inclusive play elements ensure opportunities for side-by-side play, fostering connection and shared experiences. From elevated lookouts, children can safely experience the thrill of height, with sweeping views across the reserve and beyond to the reservoir and city. Embedded public art will further enrich the design, infusing the precinct with light, texture, and narrative, transforming the tree house into both a destination and creates a sense of place. Combined with the senior and junior playspaces, the play precinct meets all criteria for a Regional Playspace as identified in the Open Space Asset Management Plan and is reflected in the Open Space Policy.



Key Elements - Public Art & Signage

Play Precinct



- Key**
- 1 Sculptural elements inspired by native flora
 - 2 Sculptural seating elements inspired by native fauna
 - 3 Vinyl art wrap on toilet block inspired by native fauna
 - 4 Educational signage

SCALE: 1:250



Key Elements - Public Art & Signage

Public art and interpretive signage within the reserve will reflect the past, present and future of Elliston reserve through a narrative that threads through the reserve and ties the elements the space together. Creating unique and memorable experiences, a sense of place and enhances the wellbeing of our community.

Public art will be woven throughout the site as a catalyst for connection, creativity and wonder. It will transform everyday spaces into immersive experiences that celebrate light, texture and community.

- **Light, Colour, and Movement**

Dynamic visual elements will interact with the sun's path, casting shifting shadows and vibrant hues reminiscent of stained glass. These installations will refract and reflect light across the play precinct, creating an ever-changing canvas that evolves with the time of day and the seasons.

- **Sensory and Tactile Elements**

Artworks will invite touch and exploration through diverse materials and textures, sparking curiosity and delight in children and families. These tangible pieces will encourage playful interaction and foster a sense of discovery.

- **Community and Collaboration**

A rich diversity of artworks will emerge through grassroots local community partnerships, co-design processes and collaborations with both emerging and established artists. This approach ensures authenticity, inclusivity and a shared sense of ownership in shaping the cultural identity of the place.

Public art it is an integral part of the environment, designed to inspire, connect and evolves with the community.

When developing public art and interpretive signage for Elliston Reserve, consideration has been given to theming of other significant or similar scaled open spaces in proximity to Elliston. Including Hope Valley Reservoir (history of the Reservoir), Morialta Mukanthi Conservation Park (nature and indigenous cultural narratives) and Thorndon Park (diverse bird life), to ensure that public art and interpretive and educational signage tells the unique story of Elliston Reserve and its surrounding areas.



Glenn Romanis (Torquay, VIC, Blue Tongue Seat)



Scott Rathram (Norton Park, Whyalla Pump Track)



Public Toilet with artwork by local residents



Council educational signage (Kingfisher Reserve, Modbury)



Skunk Control (Elysium Fields, Holdfast Bay Council)

Key Elements - Biodiversity & Planting



Key Elements - Biodiversity & Planting

Trees

Acacia pycnantha
Golden Wattle



Eucalyptus leucoxylon ssp. leucoxylon
South Australian Blue Gum



Acer truncatum x platanoides
Crimson Sunset Maple



Corymbia maculata
Spotted Gum



Ulmus parvifolia
Chinese Elm



Angophora costata
Apple Myrtle



Amenity Planting

Darwinia citriodora
Lemon-scented Myrtle



Dianella longifolia
Pale Flax-lily



Lomandra longifolia
Spiney Headed Mat Rush



Ficinia nodosa
Knobby Club-rush



Leucophyta brownii
Cushion Bush



Hardenbergia violacea
Native Lilac



Fenceline planting - Small / Medium shrubs

Acacia acinacea
Golden Dust Wattle



Acacia sclerophylla
Hard-leaf Wattle



Calothamnus quadrifidus
One-sided Bottlebrush



Enchylaena tomentosa
Ruby Saltbush



Eremophila maculata
Spotted Emu Bush



Goodenia amplexans
Clasping Goodenia



Leucophyta brownii
Cushion Bush



Hardenbergia violacea
Native Lilac



Templetonia retusa
Cocky's Tongue



Fenceline planting - Large shrubs

Acacia notabilis
Mallee Golden Wattle



Adenanthos sericeus
Woolly Bush



Alyogyne huegelii
Native Hibiscus



Dodonaea viscosa subsp. spatulata
Sticky Hop-bush



Grevillea olivacea
Olive Grevillea



Melaleuca brevifolia
White Flowering Paperbark



Grevillea rhyolitica
'Deua Flame'



Riparian Planting

Ficinia nodosa
Knobby Club-rush



Juncus kraussii
Sea Rush



Lepidosperma laterale
Sharp Sword-sedge



Cyperus gymnocaulos
Spiny Flat Sedge



Juncus subsecundus
Finger Rush



Juncus pauciflorus
Loose-Flower Rush



Concept Masterplan



26. *Appendix A - Play Structure Concept*

41. *Appendix B - Case Studies*

45. *Appendix C - Cost Estimate*



Appendix A - Play Structure Concept





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NATIVE PINE PLAY TOWERS

DETAIL DESIGN DOCUMENT

Sheet No.	Sheet Name
01	Cover Page
Renders	
02-09	Renders
General Arrangements	
10	Overall Plan
11	Lower Ground Plan
12	Impact Area Plan
13	Elevations
14	Play Value



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FALLZONES

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- ENSURE NO ELEMENTS ENCROCH ON FALLZONES SPACES
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Appendix A - Play Structure Concept





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Appendix A - Play Structure Concept





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 - ALL STEEL PAINTED UNO.
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 - ENSURE ALL EDGES AND CORNERS ARE ROUNDED TO 3mm RADIUS MIN.
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- ANY ROPE IN/NEAR SAND WILL VOID ROPE WARRANTY

CLIENT



PROJECT
**NATIVE PINE PLAY
TOWERS**

PRODUCT
PTP – 25004/ELL™

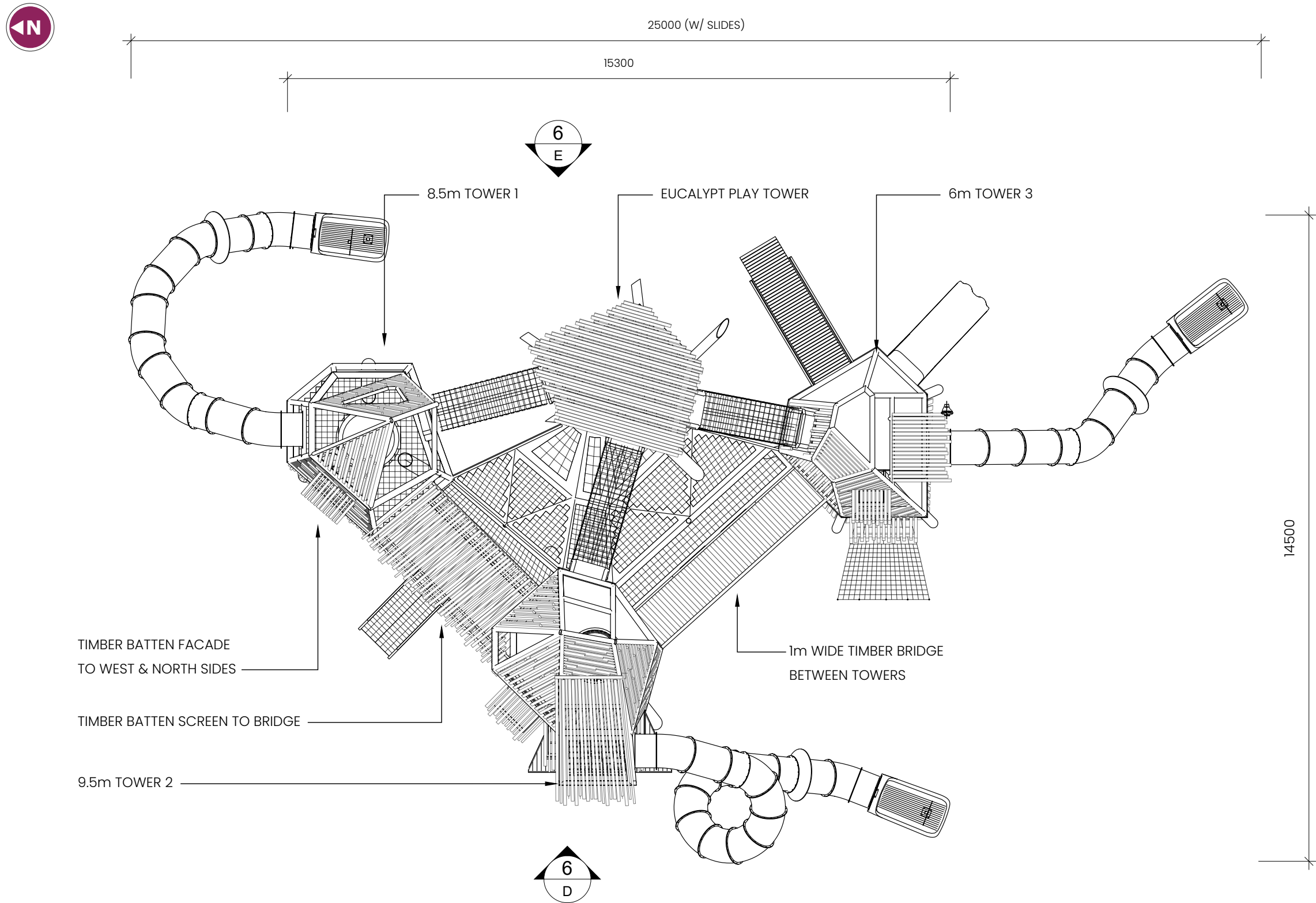
3D PRODUCT DRAWING

PAGE NAME	PAGE SIZE
Render 08	A3

INDICATIVE
RENDERS

13750 09 A

Appendix A - Play Structure Concept



FORGE

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3D PRODUCT DRAWING

PAGE NAME	PAGE SIZE
Overall Plan	A3

12750 10.



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NATIVE PINE PLAY
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3D PRODUCT DRAWING

PAGE NAME PAGE SIZE
Lower Ground Plan A3

12750 11.1

5.5m PLASTIC TUBE SLIDE

ROPE NET DECK

TIMBER RAMP W/ RAILS



1.5m DOUBLE SWOOSH SLIDE

MEGA ROPE NET CLIMB
W/ RUBBER PLATFORM

FIREPOLE

4m PLASTIC TUBE SLIDE

RUBBER PLATFORM CLIMB
TO TOP LEVEL OF TOWER 3

CARGO NET CLIMB

ROPE TUNNEL W/ RUBBER
PLATFORM ACCESS TO
TOWER 1

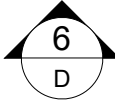
HOLLOW TREE TUNNEL CLIMB

TIMBER DECK

ROPE BRIDGE ACCESS

STEEP WALL CLIMB/ABSEIL

6.5m PLASTIC TUBE SLIDE



B

LOWER GROUND PLAN

scale: 1:90

MEGA ROPE NET CLIMB
ALLOW FOR 1.5mm FALLZONE
(ATTENUATION MAYBE NEEDED IF FALL IS ABOVE 600mm)

5.5m PLASTIC TUBE SLIDE
MAX FHO: 1.5m

ROPE NET TUNNEL W/ RUBBER PLATFORMS
MAX FHO: 1.5m

ROPE NET LADDER CLIMB
MAX FHO: 2m

JUNGLE ROPE
ALLOW FOR 1.5mm FALLZONE
(MAX FHO: <550mm NO ATTENUATION NEEDED)

STEEP WALL CLIMB/ABSEIL
MAX FHO: 2m

TIMBER RAMP
MAX FHO: 1.5m

1.5m FLATBED SLIDE
MAX FHO: 1.5m

4m PLASTIC TUBE SLIDE
MAX FHO: 1.5m

FIREPOLE
MAX FHO: 1.95m

CARGO NET CLIMB
MAX FHO: 1.5m

POMMELS
ALLOW FOR 1.5mm FALLZONE
(MAX FHO: <550mm NO ATTENUATION NEEDED)

6m PLASTIC TUBE SLIDE
MAX FHO: 1.5m



IMPACT AREA PLAN

scale: 1:90

IMPACT AREA LOCATIONS AND SIZE ARE TO BE FINALISED IN DETAILED DESIGN.

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NATIVE PINE PLAY TOWERS

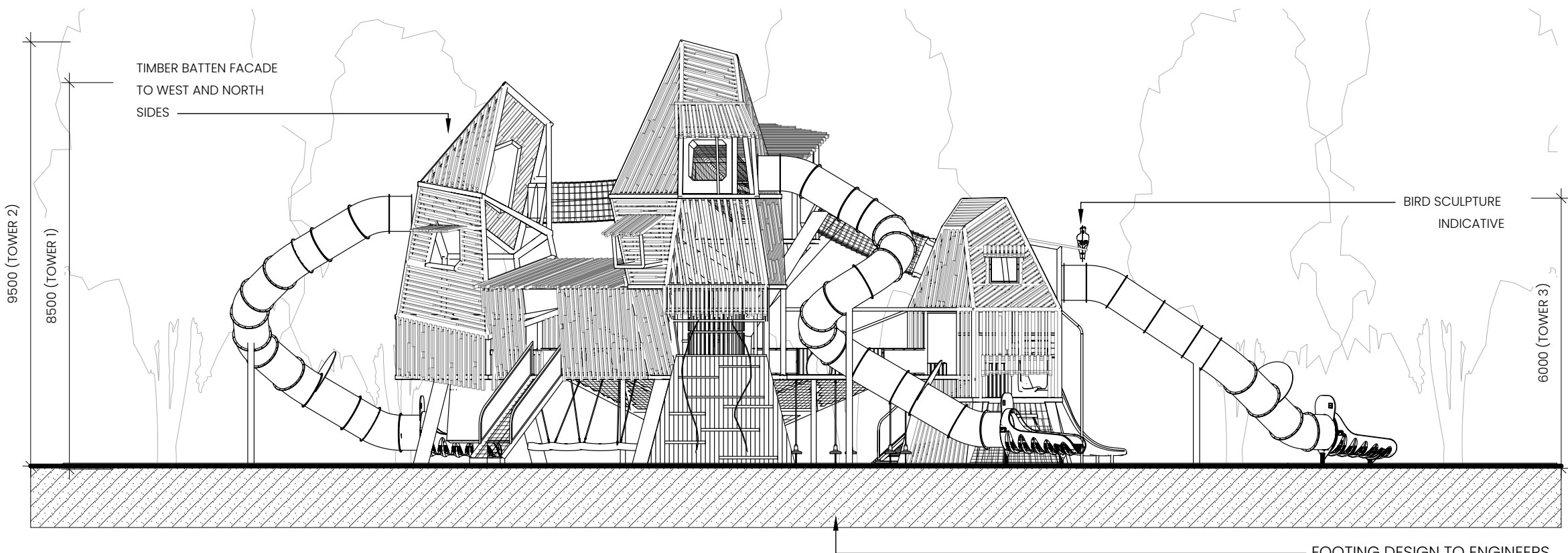
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PTP – 25004/ELL™

3D PRODUCT DRAWING

PAGE NAME	PAGE SIZE
Impact Area Plan	A3

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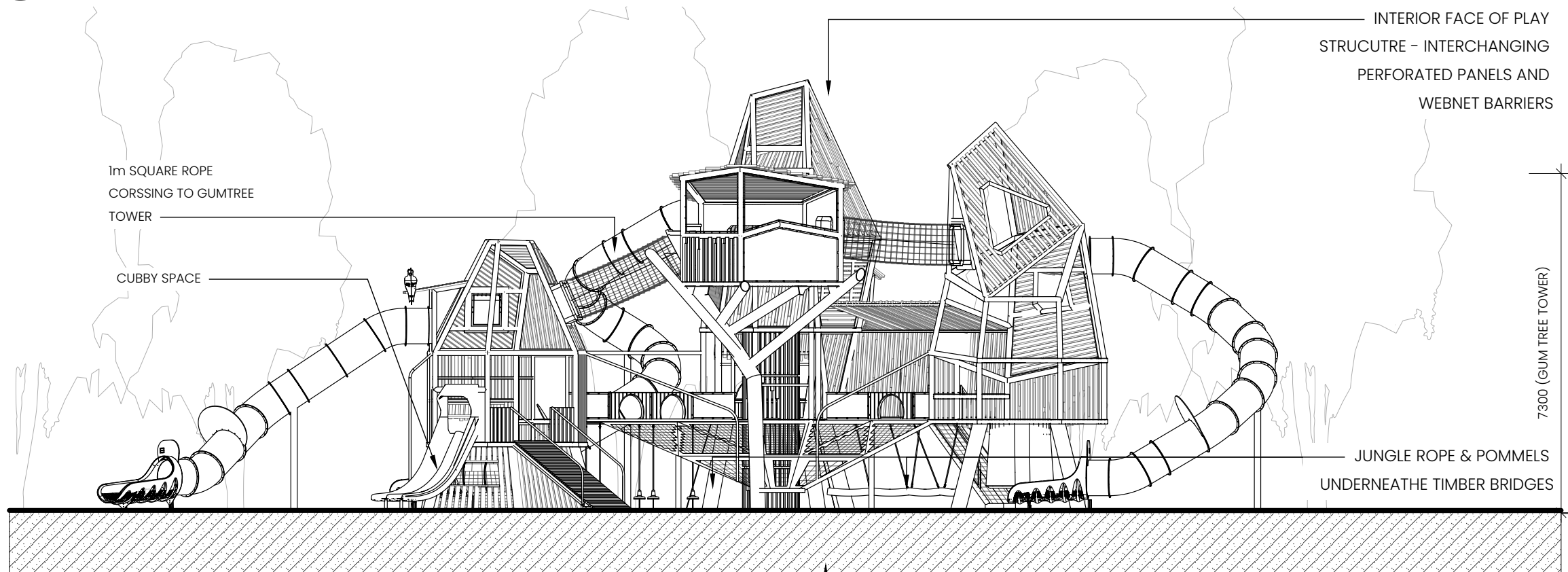
Appendix A - Play Structure Concept



D

WESTERN ELEVATION

scale: 1:100



E

EASTERN ELEVATION

scale: 1:100

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PROJECT
NATIVE PINE PLAY TOWERS

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3D PRODUCT DRAWING

PAGE NAME
Elevations

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A3

13750 **13.8**

Appendix A - Play Structure Concept



PLAY EXPERIENCE

- Imagine

- Strength

- Risk / Reward

- Balance

- Sensory

- Rest / Social

- Inclusive

MOMENTS OF PLAY

1 8.5m NATIVE PINE PLAY TOWER 1

2 9.5m NATIVE PINE PLAY TOWER 2

3 6m NATIVE PINE PLAY TOWER 3

4 7.3m EUCALYPT PLAY TOWER

5 5.5m PLASTIC TUBE SLIDE

6 6m PLASTIC TUBE SLIDE

7 4m PLASTIC TUBE SLIDE

8 1.5m FLAT BED SLIDE

9 1.5m CARGO NET CLIMB

10 2m MEGA CARGO NET CLIMB

11 5x POMMELS

12 JUNGLE ROPE BALANCE

13 1.5m FIREPOLE

14 TIMBER STOCK RAMP

15 CUBBY AREA

16 2.5m CLIMBING WALL WITH ABSEIL ASSIST

17 HOLLOW LOG TUBE CLIMB

18 ROPE STOCK RAMP

19 2x TIMBER DECK

20 ROPE CRAWL ENTRY

21 3x ROPE TUNNEL CROSSING

22 2x CARGO NET HANGING CUBBY

22 20 20 22 19 9 11

123 PLAY VALUE SCORE

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Play Value

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