

George Kendall Riverside Park, Ermington

100% Concept Design

Project Number: 60641802

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Commercial in confidence

Delivering a better world

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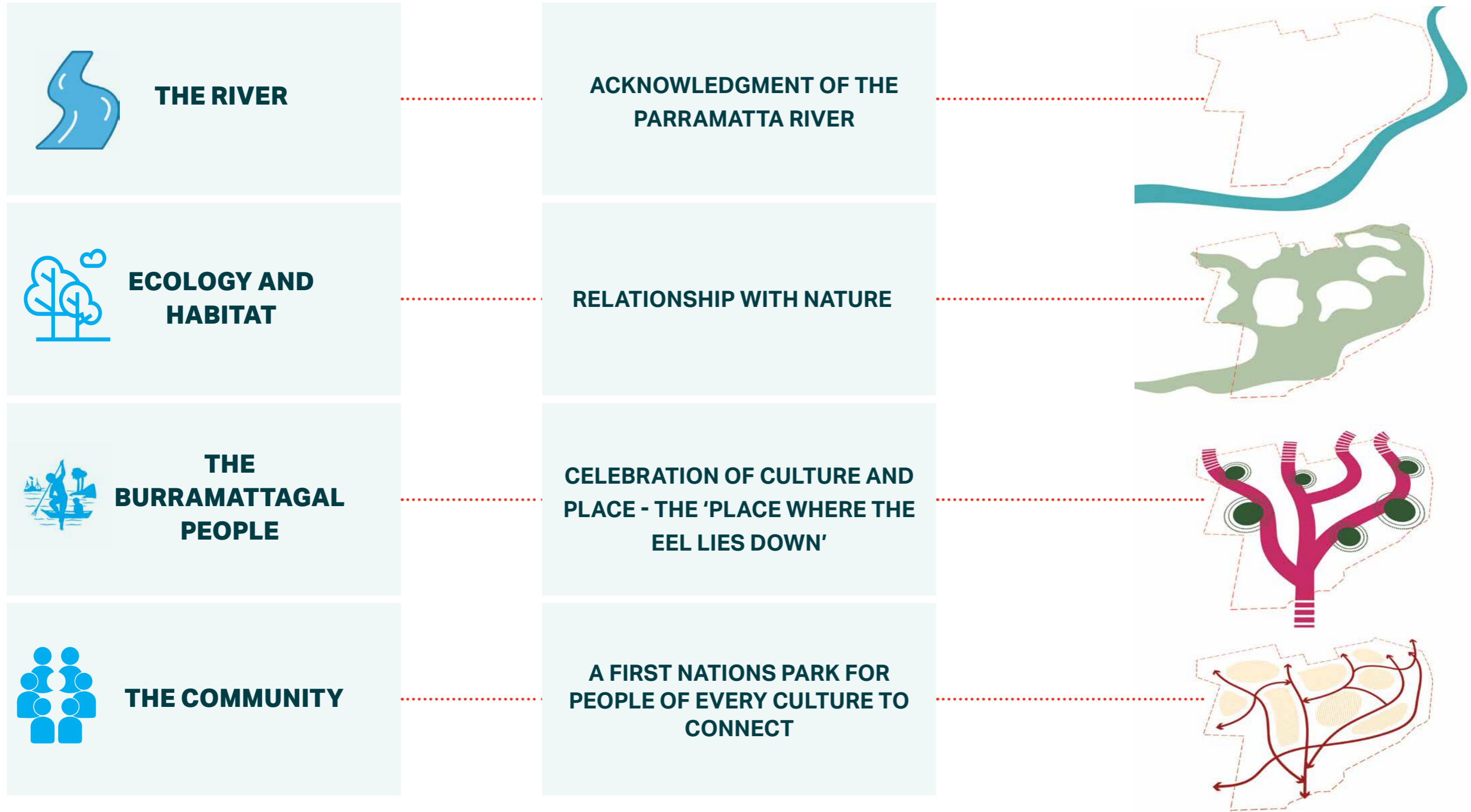
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PROJECT OBJECTIVES:




A CONNECTED PARK



A PARK FOR PEOPLE



IDENTITY AND HEART



A RESTORED PARK

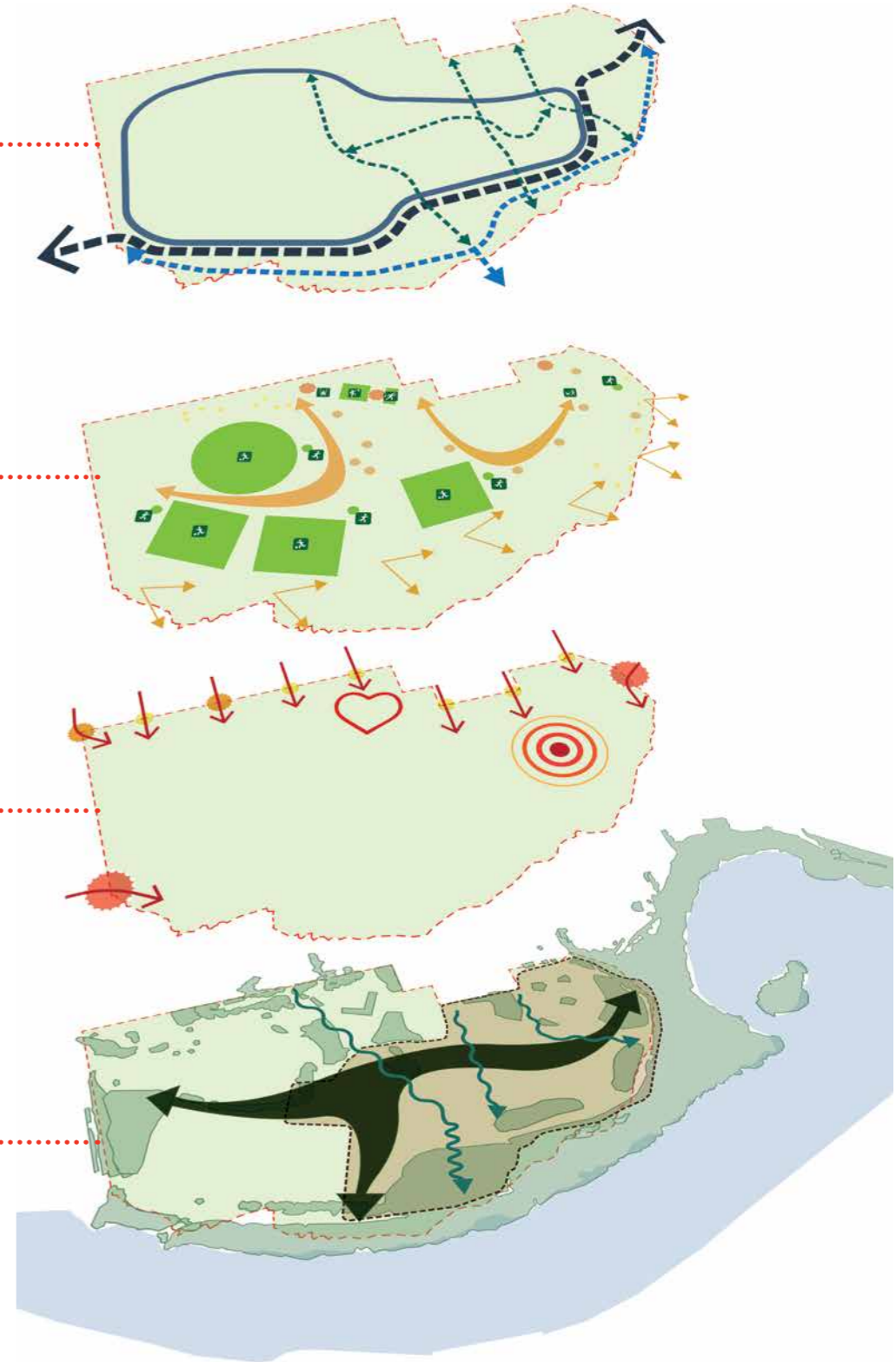
DESIGN PRINCIPLES:

- A LOOP FOR RECREATION
- INTEGRATION OF THE PARRAMATTA VALLEY CYCLEWAY
- FORESHORE TRAILS
- NATURE TRAILS

- A PLACE FOR DIVERSE RECREATION
- SOCIAL SPACES TO GATHER, MEET, REFLECT AND PLAY
- SUPPORT HEALTH AND VITALITY OF THE COMMUNITY
- A SAFE AND WELCOMING PARK WITH ACTIVATED EDGES
- INCLUSIVE FOR ALL

- A FIRST NATIONS PARK FOR EVERY CULTURE (DESIGNING WITH COUNTRY)
- A NEW HEART AS A FOCUS FOR ACTIVITY, PLAY AND CONNECTION
- CREATE A SENSE OF ARRIVAL
- A LEGIBLE PARK WITH WAYFINDING

- REMEDIATE LANDFILL AND SOILS (LIFE SUPPORTING AND CARBON STORAGE)
- LINK HABITATS
- REVEAL AND CLEANSE WATER
- TREE PLANTING FOR SHADE AND COMPOSITION



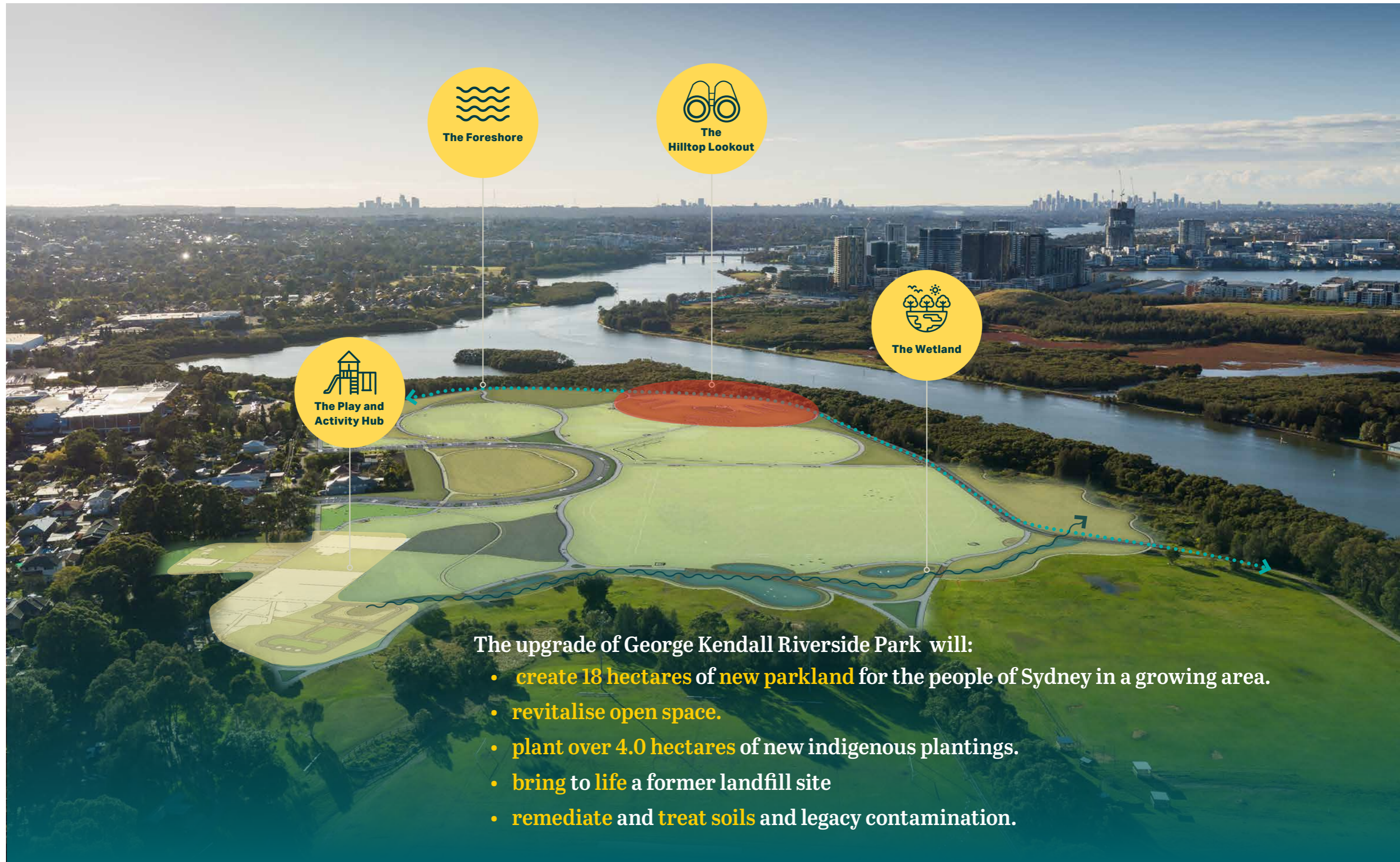


- LEGEND:**
- OFF-LEASH DOG AREA
 - CAR PARK AND VEHICLE ENTRY LOOP
 - DISTRICT LEVEL PLAYGROUND AND LEARN TO RIDE SPACE
 - OPEN SPACE AND KICKABOUT
 - HILLTOP LOOKOUT
 - SWALE AND CONSTRUCTED WETLANDS
 - HABITAT AND RESTORATION AREA ENCLOSED WOODLAND
 - HABITAT AND RESTORATION AREA 'NO MOW' NATIVE GRASSLAND
 - EXISTING ENVIRONMENTALLY SENSITIVE RESTORATION AREA WITH SUPPLEMENTARY PLANTING AND REMEDIATION WORKS



LEGEND:

- 01 NEW VEHICLE ENTRY LOOP AND CAR PARK WITH PEDESTRIAN ACCESS
- 02 NEW FORMALISED PARK ENTRY
- 03 NEW 90 DEGREE ON STREET PARKING BETWEEN EXISTING TREES (SUBJECT TO DETAILED DESIGN)
- 04 NEW SHARED USER SPACE
- 05 ADAPTIVE REUSE OF EXISTING BUILDING TO INCLUDE POTENTIAL ACCESSIBLE TOILET
- 06 NEW LEARN TO RIDE SPACE
- 07 EXISTING PLAYGROUND TO BE RETAINED AND INTEGRATE WITH NEW LEARN TO RIDE SPACE
- 08 EXISTING TENNIS AND MULTI-USE COURTS
- 09 PROVISION FOR DOUBLE SPORTSFIELD, AFL AND CRICKET PITCH
- 10 FUTURE AMENITIES BUILDING TO SUPPORT NEW SPORTSFIELD
- 11 NEW CENTRAL KEY PATHWAY CONNECTING NORTHERN ACTIVITY AREA WITH PARRAMATTA RIVER
- 12 NEW PEDESTRIAN LOOP PATHS PROVIDING CONNECTIONS TO KEY AREAS/FACILITIES
- 13 UPGRADED OFF-LEASH DOG AREA
- 14 INFORMAL OPEN SPACE, PICNIC AND KICKABOUT AREA
- 15 SMALL HILLTOP LOOKOUT AND VIEWING AREA PROVIDING FRAMED VIEWS TO SOUTH-EAST AND SOUTH-WEST OVER PARRAMATTA RIVER
- 16 ENCLOSED WOODLAND PLANTING AND NATIVE GRASSLAND PROVIDING SHADE AND INFORMAL NATURE TRAILS
- 17 SWALE AND CHAIN OF CONSTRUCTED WETLANDS TO CAPTURE STORMWATER
- 18 NATIVE GRASSLAND
- 19 NEW FITNESS STATIONS
- 20 PARRAMATTA VALLEY CYCLEWAY: SEPARATED (PEDESTRIAN/CYCLIST) PATH
- 21 PARRAMATTA VALLEY CYCLEWAY: SHARED (PEDESTRIAN/CYCLIST) PATH
- 22 EXISTING ENVIRONMENTALLY SENSITIVE RESTORATION AREA WITH SUPPLEMENTARY PLANTING AND REMEDIATION WORKS
- 23 SANDSTONE BLOCK TERRACING



The upgrade of George Kendall Riverside Park will:

- **create 18 hectares of new parkland** for the people of Sydney in a growing area.
- **revitalise open space.**
- **plant over 4.0 hectares** of new indigenous plantings.
- **bring to life** a former landfill site
- **remediate and treat soils** and legacy contamination.

KEY AREA:



The Hilltop Lookout

DESIGN MOVE:

- CELEBRATE THIS SPECIAL SITE ON THE FORESHORE OF THE PARRAMATTA RIVER WITH A LOOKOUT FOR VIEWS OVER THE RIVER AND CITY BEYOND.



The Foreshore

- PEOPLE CAN SPEND TIME ON THE FORESHORE AT THE EDGE OF THE MANGROVES.
- CONNECTED WALKING AND CYCLING TRAILS TO KEEP SYDNEY ACTIVE AND HEALTHY.



The Play and Activity Hub

- A FOCAL POINT FOR THE COMMUNITY TO GATHER, PLAY, RELAX, SIT AND CONNECT.
- A NEW INTEGRATED PLAYGROUND AND LEARN TO RIDE PARK FOR KIDS OF ALL AGES.



The Wetland

- A WETLAND WILL BE CONSTRUCTED THROUGH THE PARK, CLEANSING RUNOFF FROM SURROUNDING AREAS, PROVIDING HABITAT AND IMPROVING WATER QUALITY IN THE RIVER





- LEGEND:**
- PARRAMATTA VALLEY CYCLEWAY**
 SEPARATED PATHWAY
 3.0m WIDE CYCLEWAY
 2.0m WIDE PEDESTRIAN PATH

 - PARRAMATTA VALLEY CYCLEWAY**
 SHARED (PEDESTRIAN/CYCLIST) PATHWAY
 3.0m WIDE

 - 3.0m WIDE CENTRAL KEY PATH
 MAINTENANCE VEHICLE ACCESS

 - 2.5m WIDE PRIMARY PATH

 - 2.0m WIDE SECONDARY PATH

 - 1.5m WIDE TERTIARY PATH

 - 1.0-1.5m WIDE NATURE TRAIL

 - BOARDWALK



KEY PLAN

LEGEND:

- LONG CIRCUIT LOOP
TOTAL DISTANCE: 2.0 KM

- MEDIUM CIRCUIT LOOP
TOTAL DISTANCE: 1.5 KM

- SHORT CIRCUIT LOOP
TOTAL DISTANCE: 1.0 KM

- FITNESS STATION

PARRAMATTA RIVER

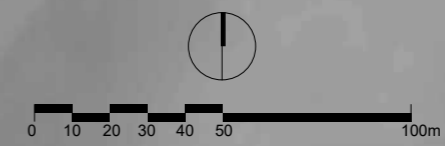




LEGEND:

- PARRAMATTA VALLEY CYCLEWAY**
 SEPARATED PATHWAY
 3.0m WIDE CYCLEWAY
 2.0m WIDE PEDESTRIAN PATH
 CONCRETE
- PARRAMATTA VALLEY CYCLEWAY**
 SHARED (PEDESTRIAN/CYCLIST)
 PATHWAY
 3.0m WIDE
- TYPE 1A**
 3.0m WIDE CENTRAL KEY PATH
 CONCRETE
- TYPE 2:**
 2.5m WIDE PRIMARY PATH
 2.0m WIDE SECONDARY PATH
 1.5m WIDE TERTIARY PATH
 ASPHALTIC CONCRETE WITH
 EDGING
- TYPE 3:**
 FEATURE SANDSTONE PAVING AT
 KEY PEDESTRIAN NODES
- TYPE 4:**
 FEATURE CONCRETE PAVEMENT
 WITH DECORATIVE SAW CUTS AND
 EXPOSED AGGREGATE FINISH
- TYPE 5:**
 DECOMPOSED GRANITE
- TYPE 6:**
 BOARDWALK

PARRAMATTA RIVER





LEGEND:

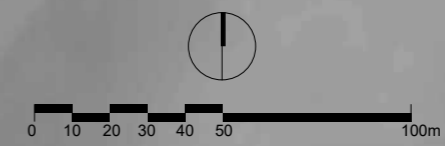
FURNITURE

- TIMBER BENCH SEAT
- PICNIC TABLE AND BENCH UNIT
- BIN ENCLOSURE UNIT
- BICYCLE RACK
- BUBBLER
- PICNIC SHELTER
- LOW SANDSTONE WALL/SEATING
- FITNESS STATION

LIGHTING

- CAR PARK AND VEHICLE ENTRY LOOP LIGHTING
- CENTRAL KEY PATH LIGHTING
- PARRAMATTA VALLEY CYCLEWAY SEPARATED CYCLEWAY LIGHTING

PARRAMATTA RIVER





LEGEND:

SIGNATURE TREES:

- Araucaria heterophylla* (Norfolk Island Pine)
- Ficus macrophylla* (Moreton Bay Fig)
- Ficus microcarpa* var. *hillii* (Weeping Fig)

EVERGREEN TREES:

- Angophora floribunda* (Rough-barked Apple)
- Corymbia citriodora* (Lemon-scented Gum)
- Corymbia maculata* (Spotted Gum)
- Lophostemon confertus* (Brush Box)
- Tristanopsis laurina* (Water Gum)

DECIDUOUS TREES:

- Fraxinus oxycarpa* 'Raywoodii' (Claret Ash)
- Pyrus calleryana* (Ornamental Pear)
- Zelkova serrata* 'Green Vase' (Zelkova)

ENDEMIC TREES:

- Allocasuarina littoralis* (Black She Oak)
- Casuarina glauca* (Swamp She Oak)
- Casuarina cunninghamiana* (River She Oak)
- Corymbia eximia* (Yellow Bloodwood)
- Corymbia maculata* (Spotted Gum)
- Eucalyptus piperita* (Sydney Peppermint)
- Eucalyptus punctata* (Grey Gum)
- Eucalyptus racemosa* (Scribbly Gum)
- Harpullia pendula* (Tulipwood)

EXISTING TREE TO BE RETAINED AND PROTECTED



LEGEND:

ENCLOSED WOODLAND PLANTING:

- Acacia fimbriata* (Golden Wattle)
- Banksia spinulosa* (Hairpin Banksia)
- Callistemon linearis* (Narrow-Leaved Bottlebrush)
- Hakea sericea* (Silky Hakea)
- Westringia fruticosa* (Coastal Rosemary)

MASS PLANTING OF LOW GROWING SHRUBS, GRASSES AND GROUNDCOVERS:

- Dianella caerulea* (Blue Flax Lilly)
- Grevillea rosmarinifolia* (Crimson Villea)
- Hardenbergia violacea* (Native Sarsparilla)
- Myoporum parvifolium* (Yareena)
- Lomandra longifolia* (Mat-rush)
- Rhagodia spinescens* (Aussie Flat Bush)
- Westringia fruticosa* (Coastal Rosemary)

SWALE AND CONSTRUCTED WETLAND PLANTING:

- Baumea juncea* (Bare Twigrush)
- Carex appressa* (Tall Sedge)
- Eleocharis sphacelate* (Tall Spike Rush)
- Ficinia nodosa* (Knobby Clubrush)
- Juncus usitatus* (Soft Tussock Rush)
- Lepironia articulata* (Grey Sedge)
- Sarcocornia quinqueflora* (Beaded Glasswort)

NATIVE GRASSLANDS:

- Austrodanthonia spp.* (Wallaby Grass)
- Carex appressa* (Tall Sedge)
- Dichelachne crinita* (Long Hair Plume Grass)
- Echinopogon caespitosus* (Hedgehog Grass)
- Imperata cylindrica* (Blady Grass)
- Microlaena stipoides* (Weeping Meadow Grass)
- Themeda australis* (Kangaroo Grass)

EXISTING ENVIRONMENTALLY SENSITIVE RESTORATION AREA WITH SUPPLEMENTARY PLANTING AND REMEDIATION WORKS

MANAGED LAWN

GRASS SEED MIX



LEGEND:

THE INTEGRATION OF PUBLIC ART IN GEORGE KENDALL RIVERSIDE PARK IS SUBJECT TO A SEPARATE PROCUREMENT PROCESS IN COLLABORATION WITH DPIE AND THE CITY OF PARRAMATTA. THREE POTENTIAL LOCATIONS OF PUBLIC ART HAVE BEEN IDENTIFIED:

- CENTRAL NORTH / SOUTH PATHWAY CONNECTION
- SWALE AND CONSTRUCTED WETLANDS
- HILLTOP LOOKOUT

PARRAMATTA RIVER





SECTION A-A: TRUMPER STREET ENTRY AND CAR PARK LOOP



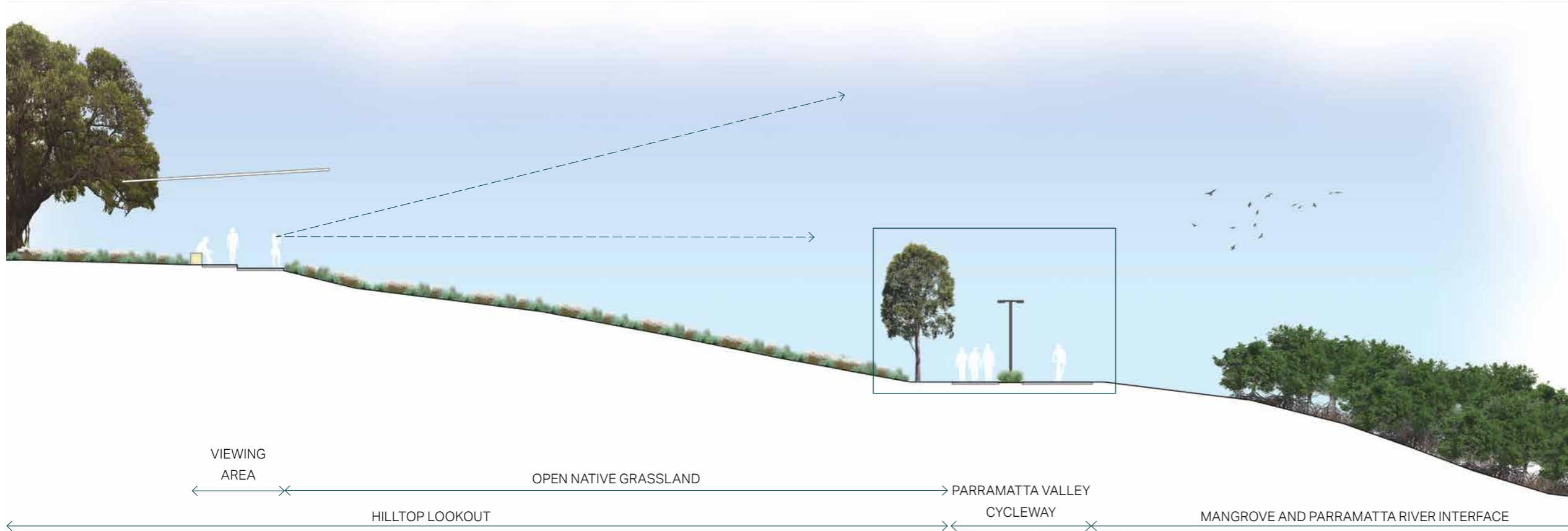
KEY PLAN

LEGEND:

- 01 CAR PARK LIGHT POLE WITH CCTV
- 02 LOCKABLE GATE
- 03 CASTELLATED KERB TO ALLOW FOR PASSIVE IRRIGATION OF GARDEN BEDS
- 04 PEDESTRIAN LIGHTING ADJOINING CAR PARK AND CENTRAL KEY PATH
- 05 CLEAR PEDESTRIAN SIGHT LINES AND PASSIVE SURVEILLANCE MAINTAINED THROUGH THE USE OF LOW PLANTING AND CLEAR TREE TRUNK HEIGHT



SECTION B-B: SPOFFORTH STREET EXIT AND CAR PARK LOOP

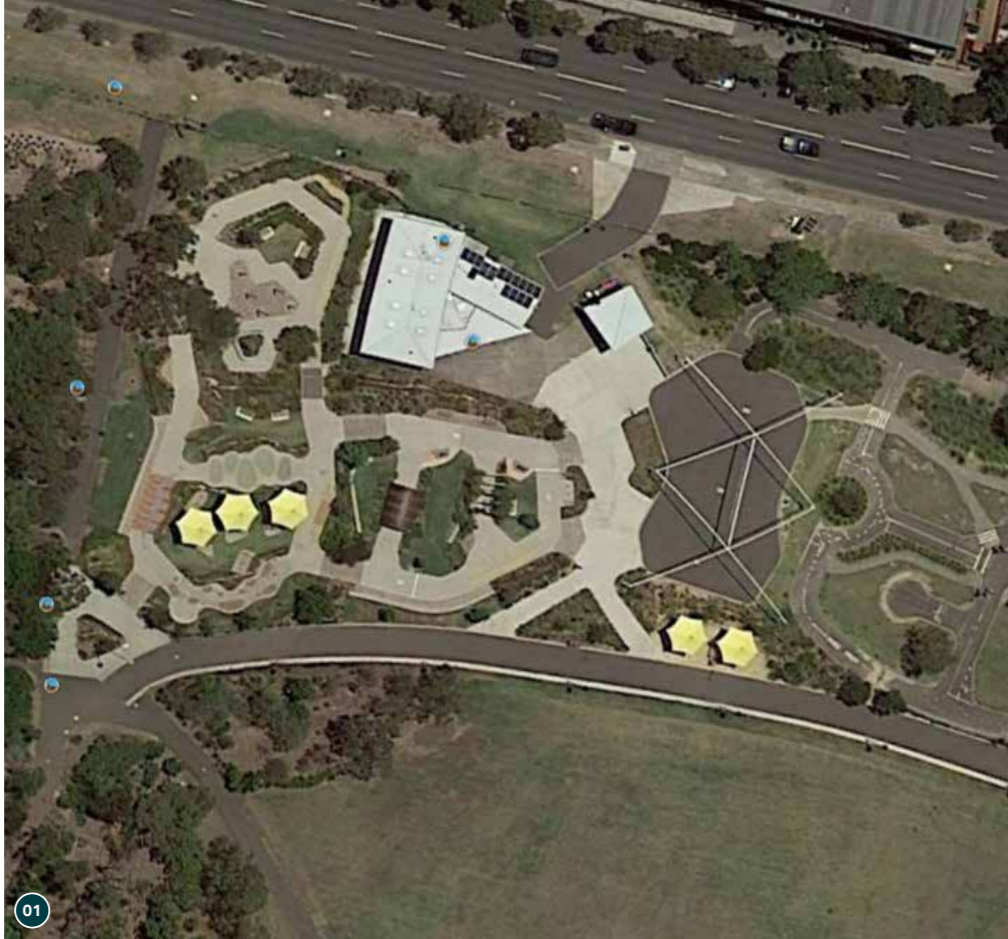


KEY PLAN

SECTION A-A: HILLTOP LOOKOUT 1:100@A3



DETAIL AREA: PARRAMATTA VALLEY SEPARATED CYCLEWAY 1:50@A3

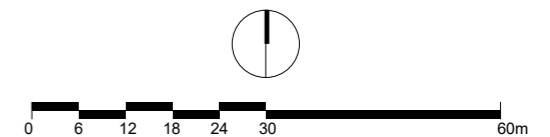


LEGEND:

- 01 SYDNEY PARK BIKE TRACK: **230Lm**

- 02 CENTENNIAL PARK: **530Lm**

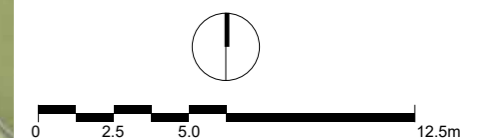
- 03 GEORGE KENDALL RIVERSIDE PARK: **200Lm**





KEY:

- 01 NEW CONNECTION FROM EXISTING PLAYGROUND
- 02 SMALL SIGNALISED INTERSECTION WITH PEDESTRIAN CROSSING
- 03 PICNIC TABLES AND SHELTERS
- 04 TIMBER 'MUSICAL' BRIDGE OVER SWALE
- 05 NEW PEDESTRIAN CONNECTION TO KEY PATH
- 06 TUNNEL HOOPS
- 07 MOUNDS
- 08 SPEED HUMPS
- 09 BERM
- 10 OPEN KICKABOUT AND PICNIC AREA
- 11 SEATING WALL
- 12 FOREST MAZE
- 13 SWALE AND CHAIN OF CONSTRUCTED WETLANDS TO CAPTURE STORMWATER
- 14 WASTE AND RECYCLING BIN, BICYCLE RACKS AND DRINKING FOUNTAIN





LEGEND:

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LEGEND:

- 01 AMENITIES BUILDING TO SUPPORT NEW SPORTSFIELD (CITY OF PARRAMATTA)
- 02 DOUBLE SPORTSFIELD, AFL AND CRICKET PITCH (CITY OF PARRAMATTA)