

Wallacia Memorial Park

Florence Jaquet

Landscape architect

Cemetery specialist

NARELLE SONTÉ
BOTANICA
LANDSCAPE AND HORTICULTURAL SPECIALISTS

VISION

A distinctive landscape cemetery in line's with CMCT's aspirations to be the best in the industry

A respectful space for all denominations

A Memorial Park which dovetails into the established landscape of the existing Golf Course

A cemetery which is carefully designed to reduce the visual impact of memorialisation whilst providing privacy for mourners

A legacy and tourism destination through its sculptures and plant collection

Phasing out of the current Golf Course over many years



ANALYSIS

Context and title covenants

Planning

Ecology

Watercourses

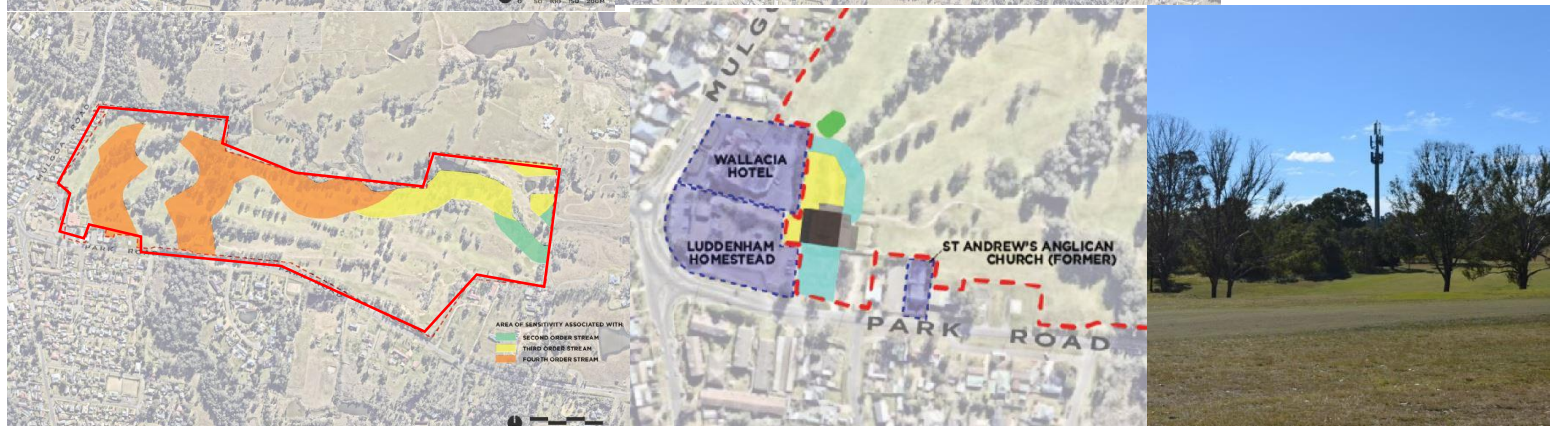
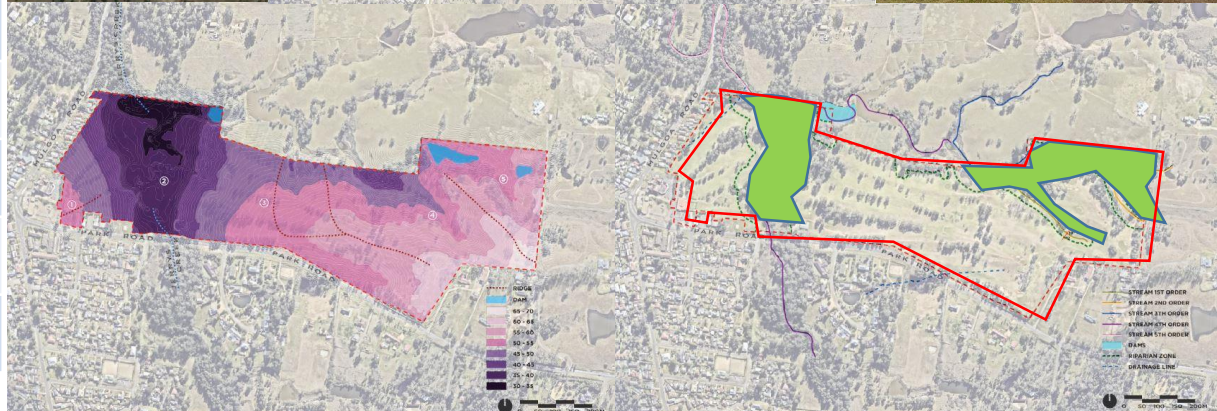
Views

European & Aboriginal heritage

Services

Geology and soils

Topography and gradient



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DESIGN PRINCIPLES

Sustainability

Multi-culturalism

Legacy



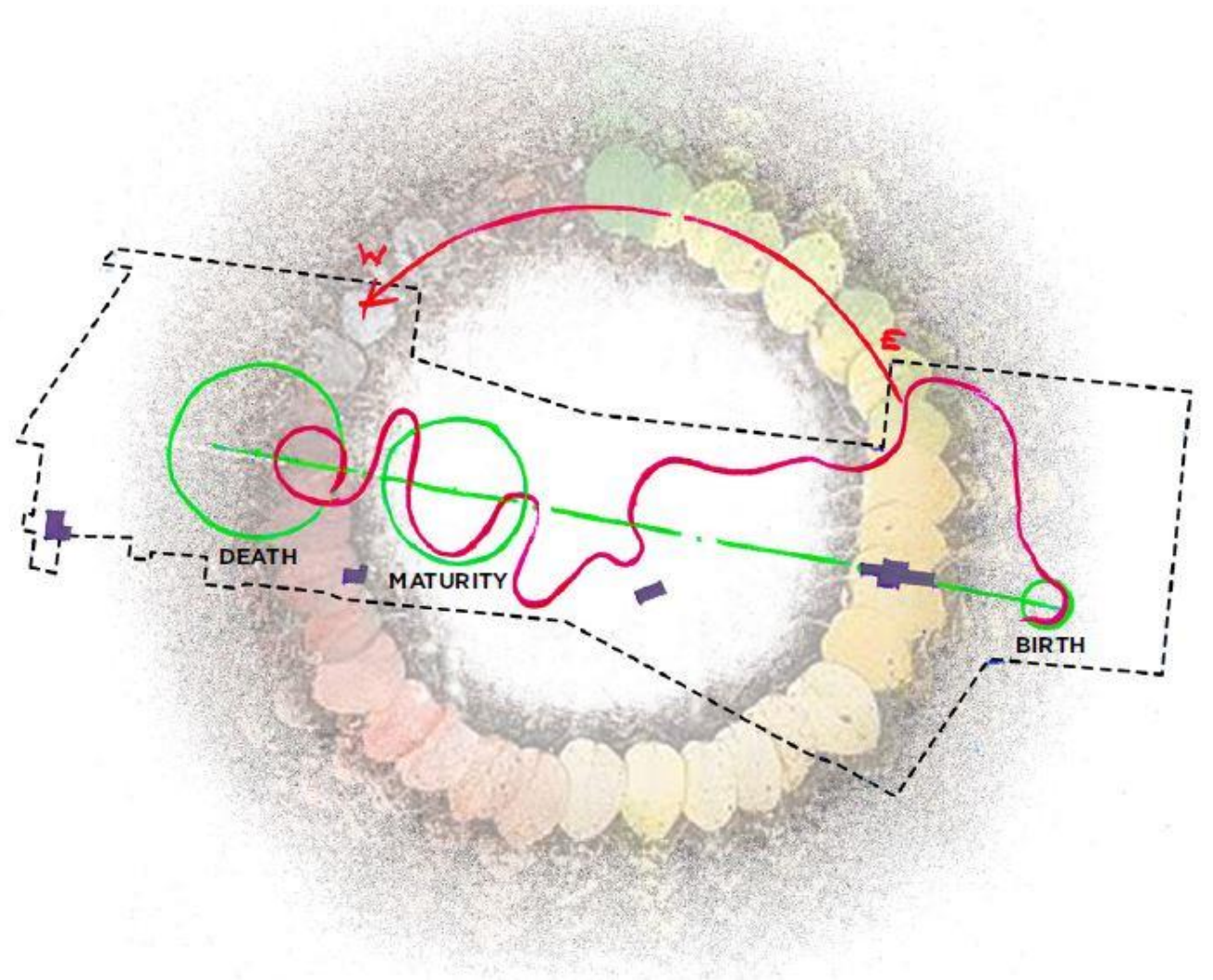
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NARRATIVE

Circle

Journey

Colour

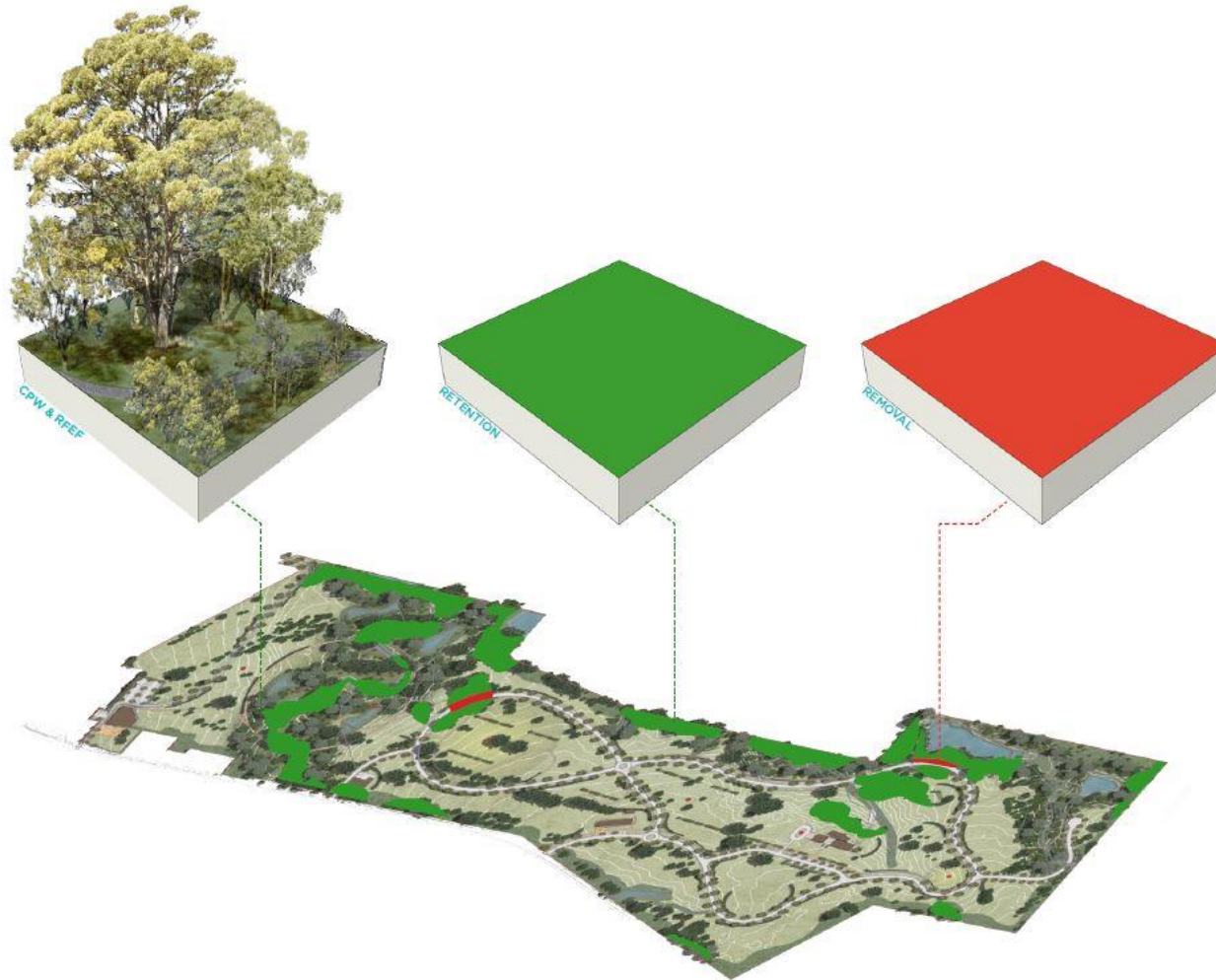


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6. DESIGN ELEMENTS
6.8 SENSITIVE VEGETATION COMMUNITIES



DESIGN PRINCIPLES

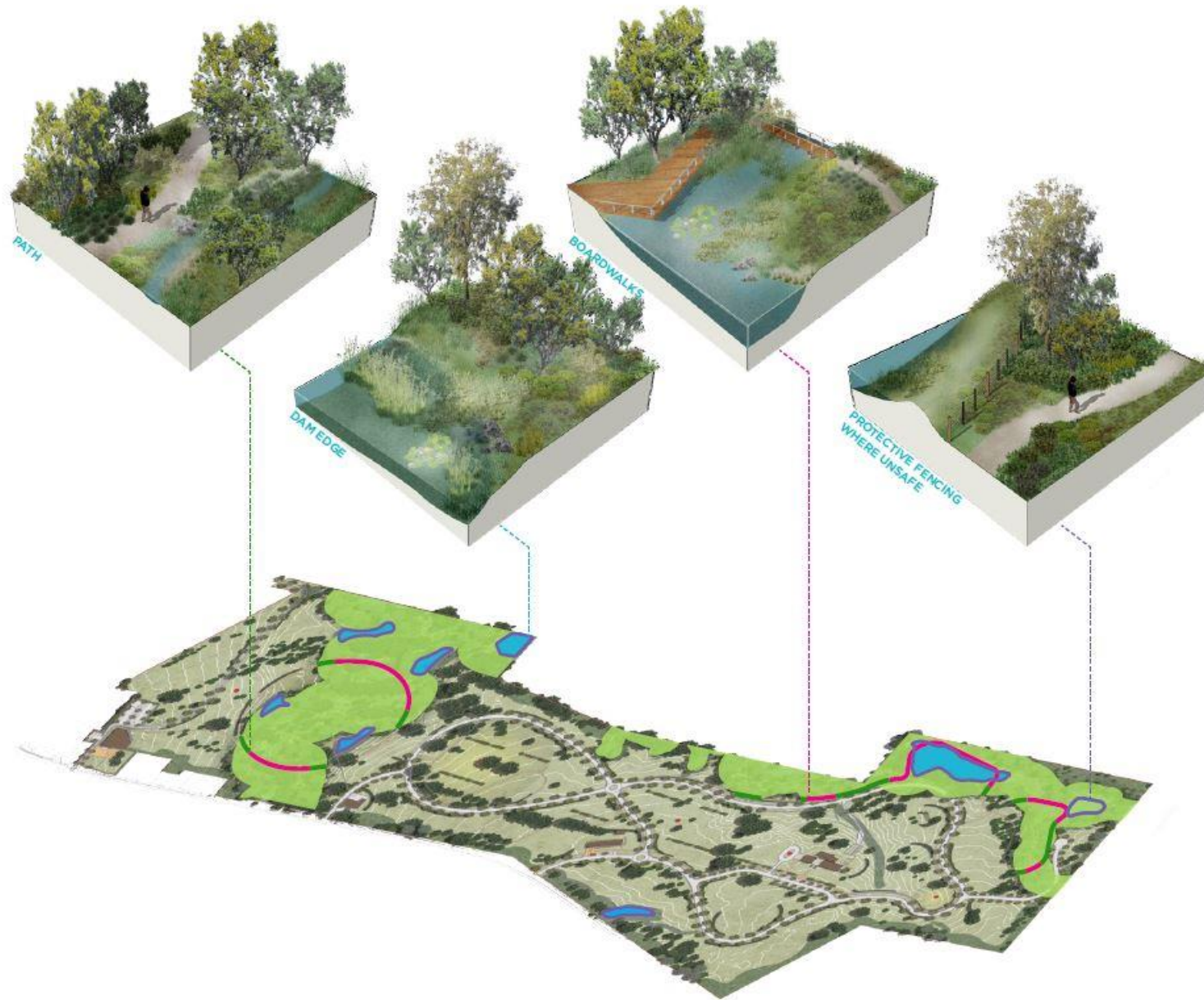
- Respect visual quality of the site
- Sustainable ecology
- In harmony with the environment
- Minimal impact
- Legacy to future generations

RATIONALE

- Retain Cumberland Plain Woodland (CPW) and River Flat Eucalyptus Forest (RFEF) wherever possible.
- Remove trees only where unavoidable (Dangerous ones, roads and dam edges)
- Fence all CPW outer boundaries with post and wire fencing to prevent pedestrian traffic within.
- Provide interpretive signage and plant identification tags in strategic locations in keeping with Arboretum concept.
- Provide additional habitat and CPW/RFEF where possible.
- Protect all existing habitats (habitat trees etc...) and enhance with additional logs salvaged from tree removal.
- Link CPW/RFEF "pockets" with riparian and additional CPW vegetation where possible to create green corridors and better connection between existing habitats.
- Keep roads' cut and fill to a minimum for minimal impact on CPW/RFEF.
- Refer Vegetation Management Plan (by Ecologist)

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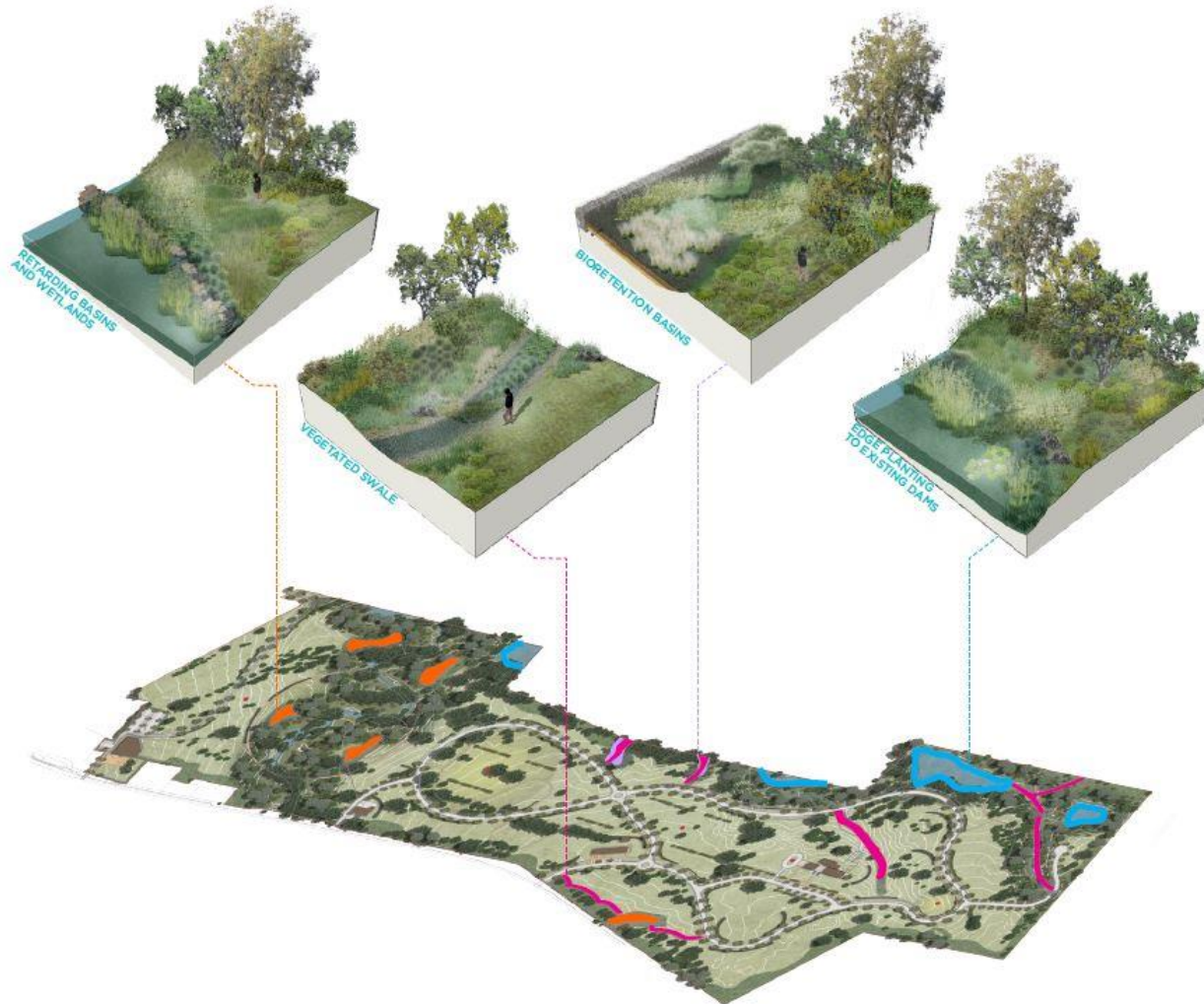
DESIGN PRINCIPLES

- Respect visual quality of the site
- Sustainable water management
- Legacy to future generations
- Demonstrate cycle of life
- Enhancing habitat

RATIONALE

- Provide riparian zones along all validated watercourses to the required widths.
- Revegetate with indigenous species.
- Provide habitat for fauna and enhance with extra logs salvaged from tree removal.
- Where possible use riparian zones to link pockets of CPW which are currently isolated, hence providing better habitat.
- Encourage visitors to experience the riparian zones by creating a scenic pedestrian network, especially around the dams, as part of the passive recreation activities.
- Minimise impact on the riparian zone by:
 - Confining paths and structures to the outer half of the riparian zone
 - Using elevated boardwalks and bridges where wet or crossing over watercourses and drainage lines.
- Offset impact onto Riparian zone as required (refer ecologist report)
- Retain all dams and modify dam edges to ensure safety bench compliance (1:5 above NWL and 1:8 below as per RLSS's Guidelines for Water Safety in Urban Water Developments).
- Fence off all dam edges and dam walls where compliance is not possible.
- Plant water's edge for water quality purpose and to hide possible draw down.
- Add wetland retarding basins in selected areas for WSUD treatment (Refer WSUD report)

6. DESIGN ELEMENTS
6.10 WSUD



DESIGN PRINCIPLES

- Sustainable ecology
- Sustainable waterways
- Promote sustainable water management
- Follow best practice
- Promote education on WSUD
- Legacy to future generation
- Demonstrate cycle of life

RATIONALE

- Capture of road run-offs and treatment of pollutants to Best Practice requirements
 - Additional wetlands for water treatment
 - Vegetated swales and bioretention basins for water treatment.
 - Wetland planting to existing dams edges for water treatment and erosion control.
 - Dams of suitable size and depth to limit potential for algae bloom.
 - Safe batter treatment around all dams or fencing to prevent access to unsafe edges.
 - Passive irrigation where possible
 - Water retention on site, within the dams for irrigation purposes.
- (refer to Stormwater Reports by WSP for further details)

7. RESPONDING TO

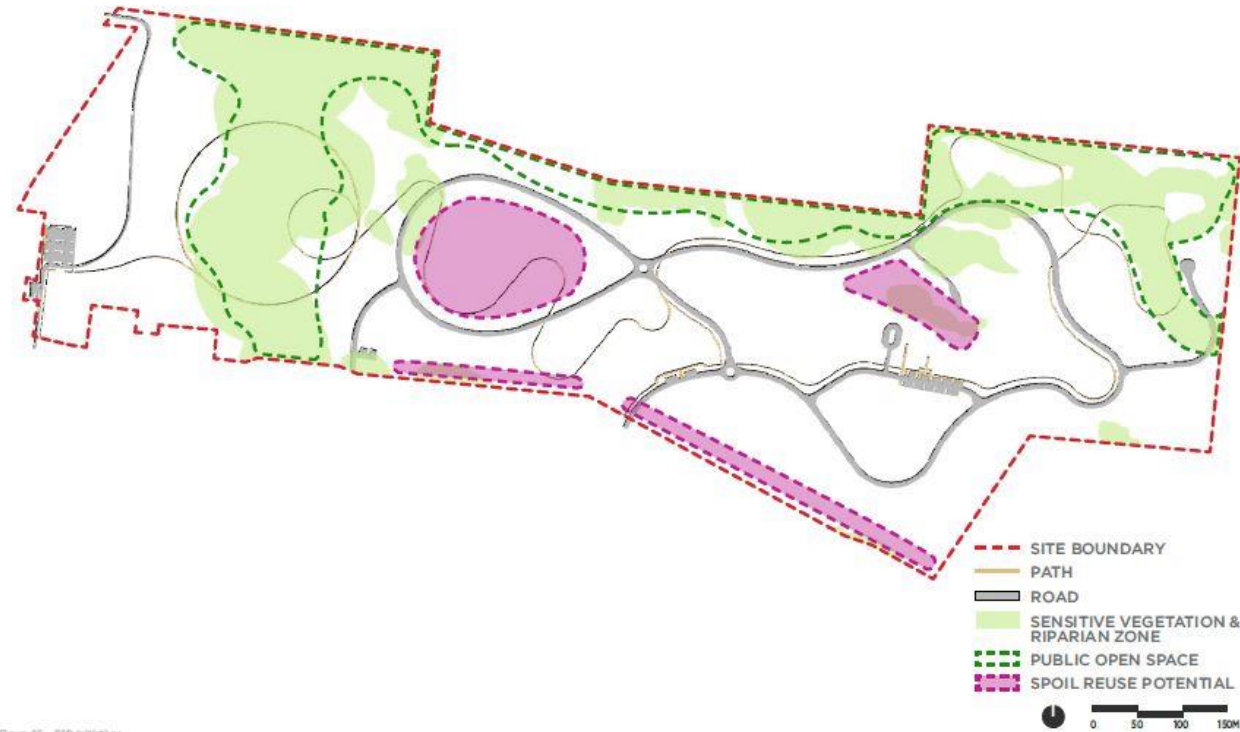
7.1 ENVIRONMENTALLY SUSTAINABLE DESIGN PRINCIPLES

A number of key sustainable principles have been integrated into the landscape proposals.

The sustainability strategy addresses a broad range of areas, including sustainability and environmental management, community integration, sustainable and active transport promotion, energy, water, materials and waste efficiency and optimisation.

- Water Efficiency Measures:
 - Potential for water storage for re-use on site.
 - Minimise demand by appropriate selection of plants and grass species which do not have high water needs.(indigenous and Native).
 - Efficient distribution with efficient systems where irrigation is required.
- Sustainable Materials:
 - Use locally sourced materials.
 - Re-use material from site (soil+timber).
 - Select low embodied energy materials or materials which can be re-used or recycled.
 - Gabion walls using recycled materials.
- Waste Management:
 - Reuse of burial spoil on site.
 - Composting of vegetable matter (flowers and garden clippings) to improve soils.
 - Provide clear waste disposal units for visitors and a 2 bin-system (refer water stations herein) to minimise litter throughout the site.
- Stormwater Management:
 - Water harvesting in dams for irrigation.
 - Bio-retention swales and wetland planting for water treatment (WSUD).
 - Passive irrigation from hard surfaces on vegetation.
- Climate Change:
 - Plants selected to resist increased periods of high and low temperatures, drought and heavy rains.
 - Wind breaks to reduce impact or severe weather onto visitors.
- Community Development:
 - New park for the community.
 - Educational material and interpretation opportunities throughout the site.
 - Walking / Running / Cycling routes throughout, with shaded walkways to encourage user comfort.
- Ecology / Biodiversity enhancement:
 - Measures to protect / enhance existing ecology.

For more detailed information refer Steensen Varming - ESD report.



Wallacia Golf Course & Memorial Park Masterplan

Stage 1B - 2023 to 2095

PARK ROAD, WALLACIA



SCORECARD

Hole	Par	Length	Hole	Par	Length
1	4	365m	10	—	—
2	4	268	11	—	—
3	4	305	12	—	—
4	3	155	13	—	—
5	5	460	14	—	—
6	3	143	15	—	—
7	4	356	16	—	—
8	4	363	17	—	—
9	5	463	18	—	—

OUT	36	2870	IN	0	0
			OUT	36	2870
			TOTAL	36	2870

Lengths in metres

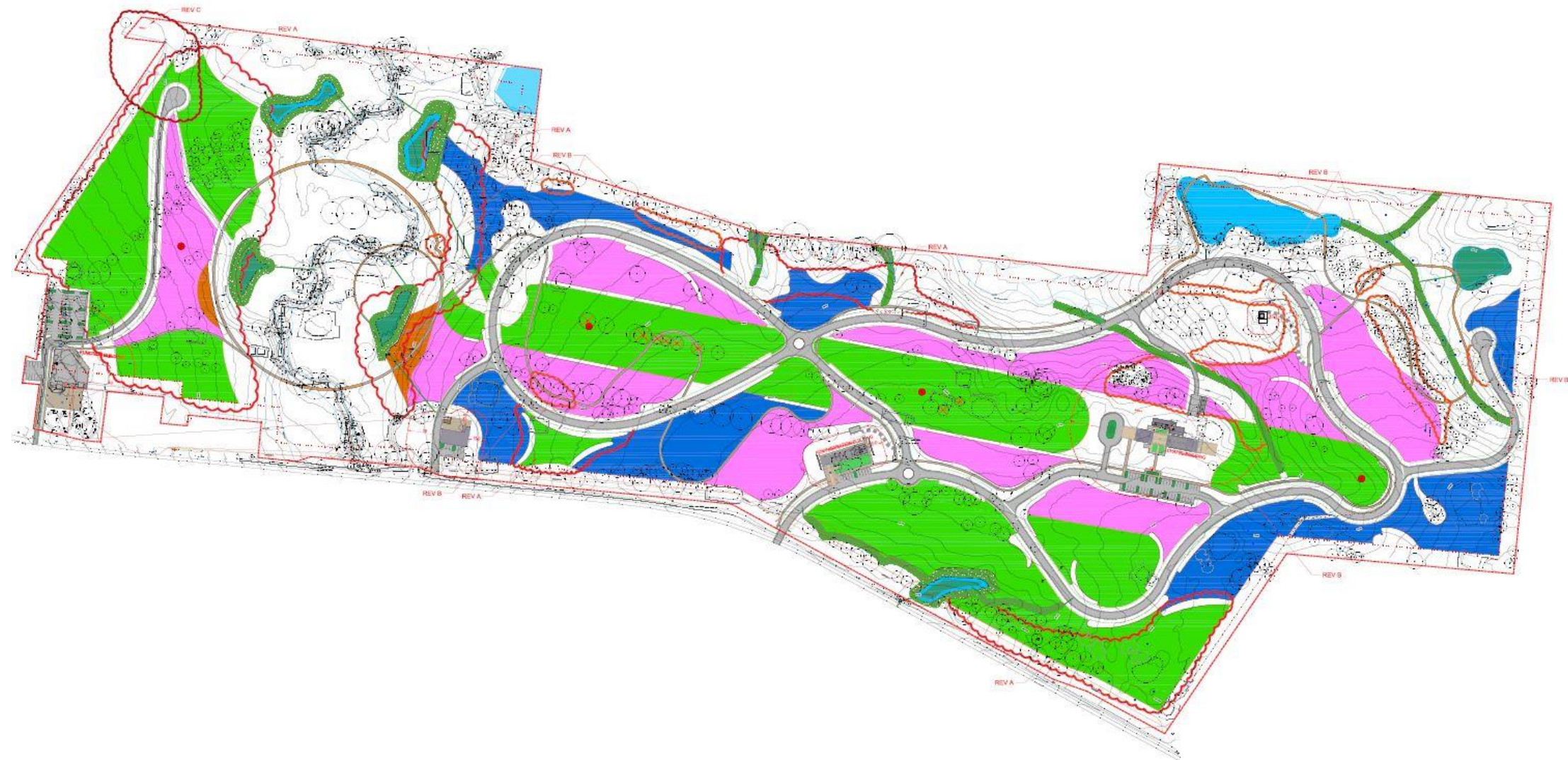
Purple line – 1 in 100 flood line
Blue line – 1 in 5 flood line



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Issue:	Rev:	Description:	Date:
DA		COUNCIL	24/10/2017
DA	REV A	COUNCIL	08/03/2018
DA	REV B	COUNCIL	17/04/2018
DA	REV C	COUNCIL	01/10/2018

Project title:
WALLACIA MEMORIAL PARK
WALLACIA

Drawing title:
BURIAL EXTENT AND TYPES

Principal consultant: Client: