ZONE 7 - THE WETLAND CULTIVATOR

get up close and personal with the creek

ZONE 7 - THE WETLAND CULTIVATOR

Context

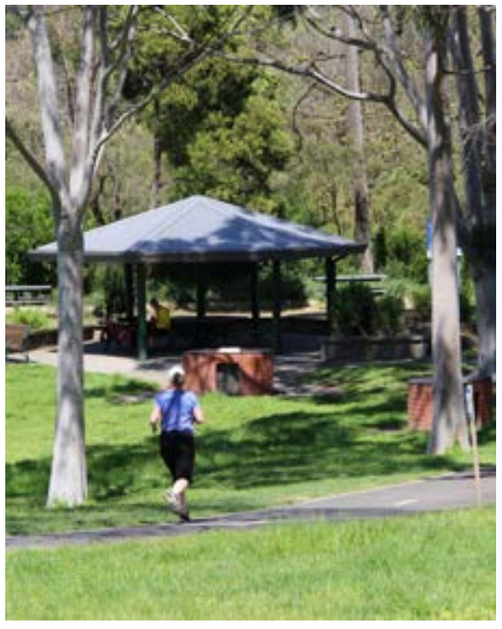
Zone 7 extends from Brixton Rise, encompassing two distinct sub-regions:

- **Zone 7A - TH King Oval:** a sporting oval and pavilion, with entry car park and a range of picnic and playground facilities. This makes it an important recreational node, where legibility and safety between pedestrians and cyclists are a key consideration. The area also holds potential for improving the interface with the creek.
- **Zone 7B - Glen Iris Wetlands:** has significant biodiversity and habitat value for the local area, and it too is highly regarded by visitors and volunteer groups.









ZONE 07
Existing Context Plan

1:4000 @ A3



T.C.L

ZONE 07
Overall Concept Plan

1:4000 @ A3

Objectives

The project objectives for TH King precinct include:

- Increased engagement with the creek through terracing
- Upgraded Shelter, BBQ and seating. Relocate and upgrade play
- Facilities
- -Align path to consolidate public amenity and increase safety for users
- Advocacy around upgrading the connection under the road
- Create permeability along creek edge, allowing views to the waterway
- New signage and way finding at key junctions
- Upgrade existing car park with WSUD opportunities

The project objectives for Glen Iris wetlands include:

- Extend recycled water reuse scheme. Increasing capacity, reducing potable water consumption
- Re-align path to consolidate public amenity and increase safety for users
- Upgrade boardwalk lookout and bird hide to enable wetland engagement
- Enhance ecological value of existing areas



Zone 7A - Spatial Diagram

Key Moves:

- Propose split shared-user path over Gardiners Creek, under High St bridge.
- Encourage physical connection to the Creek's edge through terraced steps down to the water.
- Replace the playground with
- Adorn the Creek frontage with nature play and modern picnic facilities to create a key destination node for visitors.
- Provide key signage for wayfinding at zone entrances and key junction points.
- Create legible, safe and accessible pedestrian entry points from the car park with key signage to assist pedestrian movement to key nodes.

NTS @ A3



LEGEND

- Main Road
- Gardiners Creek Trail
- Secondary Pathway
- Discovery Node
- Wayfinding/Signage at Junction Points
- Key Node
- Multi-Functional Passive Recreation Area
- Playing Field
- Car park

T.C.L

Zone 7A - Concept Plan

LEGEND

- Existing native tree
- Existing exotic tree
- Proposed native tree
- Proposed exotic tree
- Picnic Shelter
- Existing Pylon
- Picnic Tables and Benches
- Shared User Path
- Secondary Path
- Separated Bi-Directional Shared User Path

NTS



NTS


Match line adjoins TH King
Realignment of existing secondary path
Concrete seating and sporting field buffer as ball mitigation interface
Widened and accessible park entry
Bespoke shelter & picnic facilities
HIGH STREET
TH KING OVAL
GARDINERS CREEK
Separated bi-directional shared use path
Proposed realigned shared use path to address high conflict area
Bespoke nature playground
New picnic facilities
Cut stone terrace interfacing with Gardiners Creek

T.C.L

Zone 7A - Character

This recreation and play area takes advantage of an area where the flow of the creek is a slower pace. Pathways are proposed to be realigned to create a generous community space that facilitates a connection with water whilst ensuring safety of patrons.

The design of the new playground shelters have the capacity to respond to First Nations stories along the creek - being brought forward through program, material and interpretation.

A significant space to reconnect with Kooyongkoot and ensure it is a dominant feature in this zone.







Zone 7A - Creek Access

Strategic connection to creek is integral to balancing environmental and social objectives.

Creek access within Zone 7A improves and of George Pepperell Pavillon. The stepped amphitheatre stabilises the creek edge, forming pockets for vegetation ad seating. This edge ties into barbeque facilities on the upper bank, providing a variety of ways to be social and engage in this public space.

Steps will be formed by materials of the creeks past and present; reflecting on the original geology as well as re-using reclaimed materials from the naturalisation of the creek.

Creek Access



Wetland Management -
Existing Inlet Pond

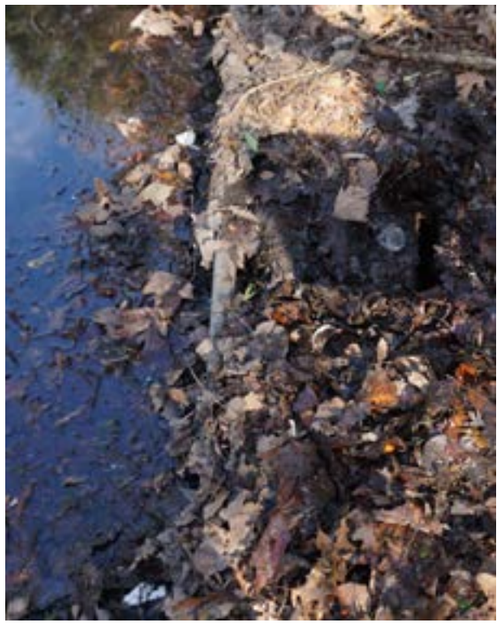


Zone 7A - Wetland Management

An existing inlet pond to full and the connection to the existing wetland is blocked. This project will investigate clearing of the inlet pond an improving the connection to maximise the storm water treated by the existing wetland system.







Zone 7A - Underpass

Structural and Traffic observations and considerations for the High Street Road underpass split shared user path as follows:

The height clearance at the existing High St underpass appears to be satisfactory for an underpass, natural lighting is also good.
The following obstructions must be noted and worked through:

- uneven rocks and path as possible obstructions
- existing tree

Should the path be widened under High Street, the new design path should aim to provide:

- Path width of min. 4m allowing for a clear 3m path with 0.5m clearance on either side withcyclists friendly fencing or similar.
- If a separate path is required for pedestrians, then this should be provided at a min. 1.5m with 0.5m clearance also.
- Approach radius and gradient should preferably be designed at no more than R15 or 1 in 20 (5 % gradient) where possible and away from the bridge abutments. If not possible,
- Additional warning signs or pavement treatment should be considered in advance to warn cyclists with aim to reduce speed on approach.
- Lighting could also be considered.

Note that any works in relation to this underpass will require Melbourne Water Approval

Existing Shared User Path



Proposed Shared User Path



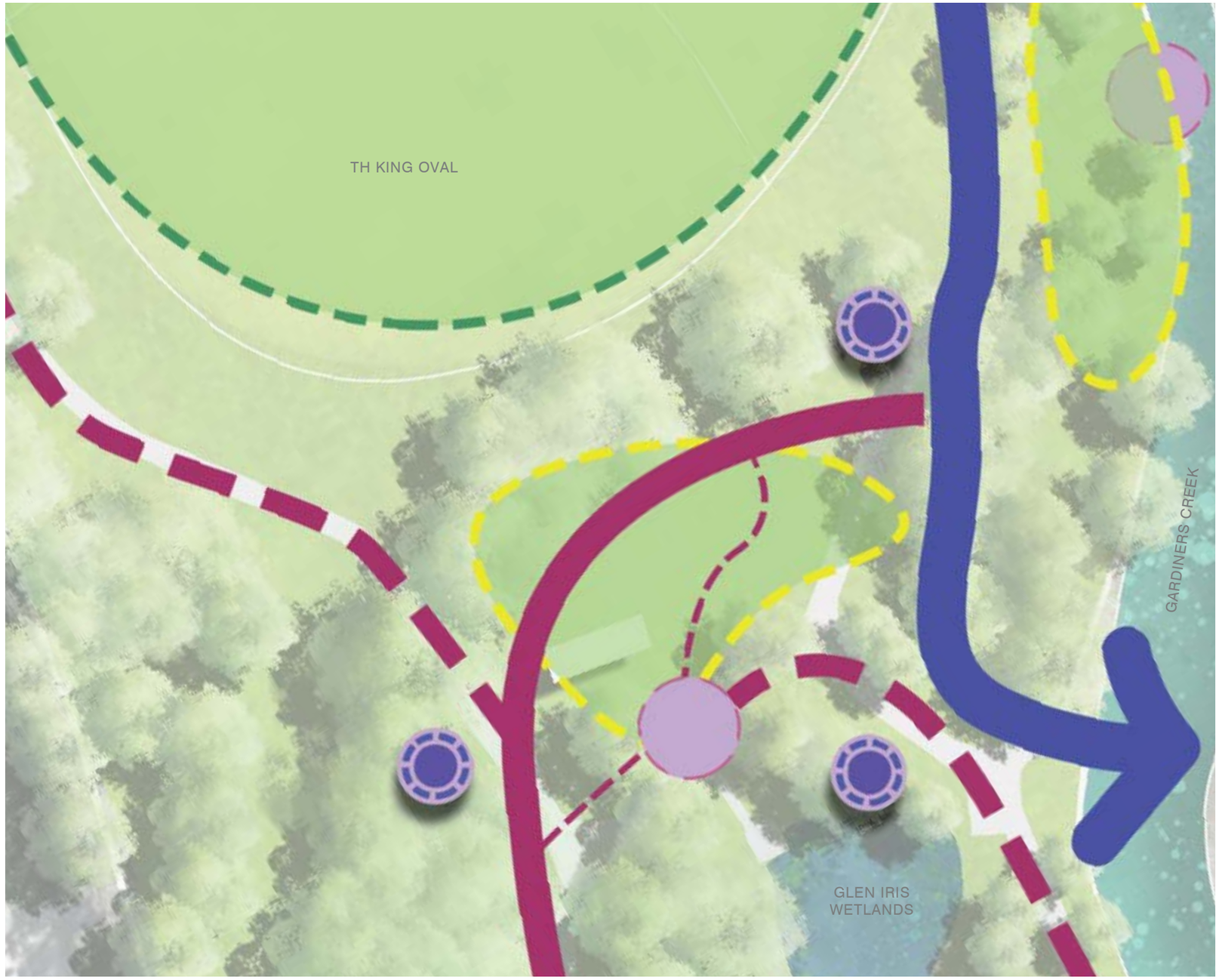




Zone 7B - Spatial Diagram

Key Moves:

- Create an outdoor, cultural education node with commensurate shelter with seating. Garden bed to frame node.
- Outdoor, educational node to link sporting, wetlands and the Gardiners Creek Trail.
- Provide key signage for wayfinding at zone entrances and key junction points.
- Proposed water tank to be hidden in landscape or co-located with shelter. Final location TBC, subject to sizing and engineering advice.
- Provide a quiet picnic lawn with timber decking over the Creek, offering different interface experiences with the water. The Creek's edge is to be further enhanced with natural stone terracing.



LEGEND

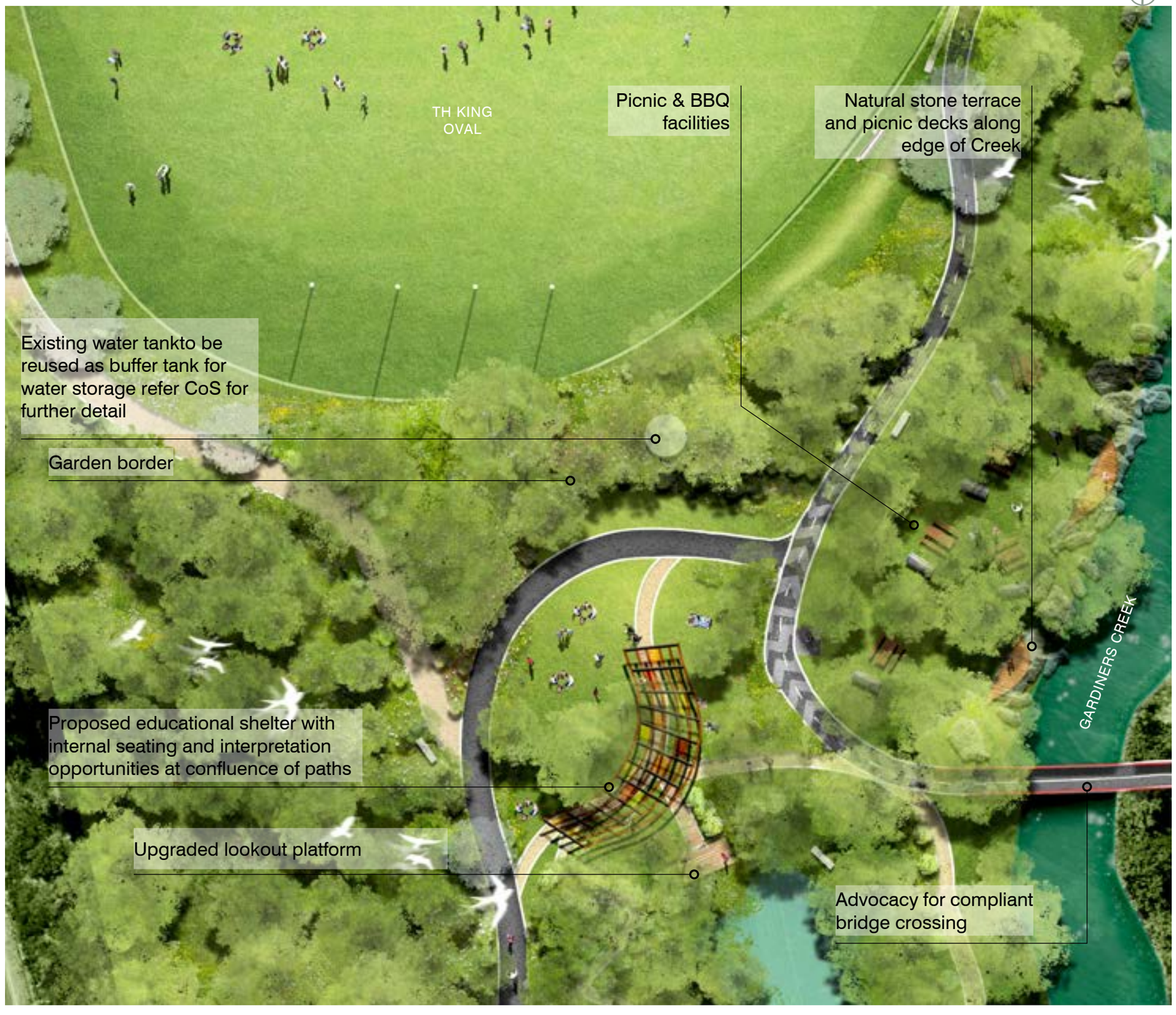
- Main Road
- Gardiners Creek Trail
- Secondary Pathway
- Discovery Node
- Wayfinding/Signage at Junction Points
- Key Node
- Multi-Functional Passive Recreation Area
- Playing Field

Zone 7B - Concept Design

1:1000 @ A3

LEGEND

- Existing native tree
- Existing exotic tree
- Proposed native tree
- Proposed exotic tree
- Proposed Shelter
- Existing Bridge
- Gravel Path
- Shared User Path
- Secondary Path
- SUP Conflict zone path treatment
- Glen Iris Wetlands
- Natural Stone Edge interface
- Picnic Deck overlooking Creek



T.C.L

Zone 7B - Character

Glen Iris Wetlands embraces the existing waterbodies, vegetation and the habitat thats exists. Meandering immersive journeys are upgraded to maximise these currently well used routes ensuring that a balance is created between meaningful human experience and enhancing biodiversity.

The introduction of a Cultural Shelter at the northern pathway junction allows for a gathering and educational space, building off the existing lookout. This shelter provides the capacity to be experienced along the trail, yet still providing a habitat safe-haven.

The introduction of a cultural shelter at the junction of the pathways and the wetlands allows better connection to the Wetlands for education and interpretive opportunities.





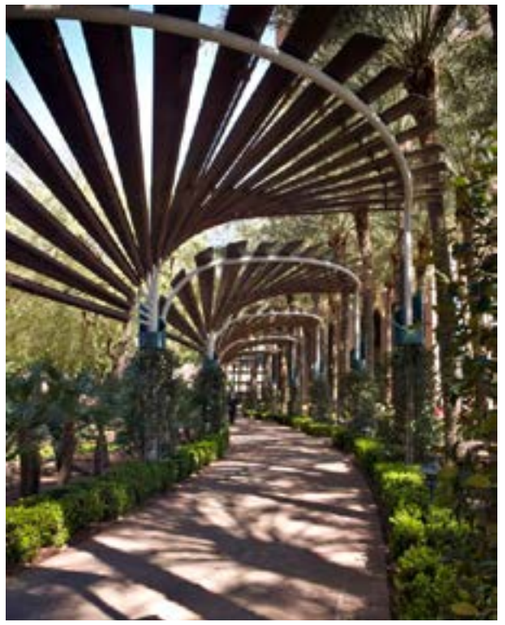


Zone 7B - Educational Shelter

The Educational Shelter performs multiple functions within Zone 7B.
A sheltered space to sit and learn, a threshold, a node and scuptural form within the landscape.

Functionally, the shelter should perform as a meeting point, interpretation element, a space for school groups and a point of identity for the Glen Iris Wetlands.







Zone 7B - Wetland Access

There is opportunity for picnic decks, formal and informal to sit sensitively on the edge of the creek.

These platforms provide intimate areas to gather in both small and larger groups. This infrastructure allows users to utlise designated areas for recreation to then signal other areas of the creek to be protected.

Creek access is to be designed to ensure that human interaction is thoughtful and respectful to habitat along the creek corridor.





