

Kurangga (Park 20) Plan

Design Focus

- Connected pathways
- Utilisation of existing assets incl. existing significant trees
- Maintaining sightlines and visual engagement
- Floodwater retention

Keys

-  Existing trees to be retained
-  Proposed new trees
-  Lawn

-  1 Existing Oval
-  2 Existing Tennis Courts
-  3 Existing Petanque Court
-  4 Tree Climb Centre & Structures
-  5 Mound with Asphalt Shared Use Path on Top
-  6 New Alignment of Park Lands Creek
-  7 New Creek Convergence & Basin
-  8 Backfilled Existing Creek
-  9 Backfilled Section of Park Lands Creek (with Sub-Surface Drain)



North 1:2000 @ A3

*To provide your feedback
on the proposed works,
complete the online feedback
form at
www.bhkcstormwater.com.au*

What do you think of the proposed stormwater management works in Blue Gum Park/Kurangga (Park 20) ?

The Brown Hill and Keswick Creeks Stormwater Board is seeking to undertake works in Blue Gum Park/Kurangga (Park 20) as part of the broader Brown Hill Keswick Creek Stormwater Project.

What is the Brown Hill Keswick Creek Stormwater Project?

Brown Hill, Keswick, Glen Osmond and Park Lands Creeks are important drainage watercourses in metropolitan Adelaide. The creeks have a history of flooding and a low standard of flood protection, and therefore a relatively high flood risk.

Their combined catchment is mainly contained within the local government areas of Adelaide, Burnside, Mitcham, Unley and West Torrens which are home to more than 200,000 residents.

The Brown Hill Keswick Creek Stormwater Project is a collaborative undertaking between the catchment councils to develop and implement a Stormwater Management Plan (SMP) to mitigate serious flood risks and help safeguard properties across the catchment.

Stormwater management works in Blue Gum Park/Kurangga (Park 20)

What is proposed for Blue Gum Park/Kurangga (Park 20)?

The works in Blue Gum Park/Kurangga (Park 20) involve the construction of a low-level mound (typically less than 1 metre high) and the realignment of existing creek lines in the southern section of the park. The mound will be constructed to the south and west of the existing playing fields and will stretch for a total distance of approximately 600 metres. A shared use path will be constructed on top of the mound.

The channel works will bring together two existing channels and Park Lands Creek to the north of the mound, with a single channel stretching from the mound to the crossing point of Park Lands Creek under Greenhill Road.

The works mean that the section of Park Lands Creek currently populated with red gums can be rehabilitated to support tree health. This section of the creek is in very poor condition, and the red gums are vulnerable due to erosion. The proposed works will enable this part of the creek to be 'abandoned' and backfilled with a porous material so that some flow of water can continue along the old creek alignment for the benefit of the trees.

Will there be any impact on existing users?

While there is not expected to be any longer-term impact on existing users of the space, there will be some restrictions on use of the area during the construction period. Any implications relating to specific users will be managed on a case by case basis.

How will the works help manage flooding issues?

Downstream of the convergence of the two channels and Park Lands Creek a culvert under the new mound will restrict the peak flows, limiting the outflows of water from Park 20. When flows exceed the capacity of the culvert, water will build up behind the mound and temporarily inundate parts of Park 20.

Will any trees be removed to undertake the works?

Minimising the impact of the works on existing trees within Park 20 has been a focus during the design development. While the design aims to minimise tree impacts it is not possible to avoid all of the trees and the removal of a number of trees within Park 20 will be required as part of the works.

As part of the design development a full arboreal assessment has been undertaken for all of the trees in the vicinity of the works.

The number of trees to be removed is not yet defined. The project will include the planting of new trees and will result in a net tree gain in Park 20.

What's next?

Feedback on the proposed works closes at 5pm Friday 5 July 2019

To provide your feedback, complete the online feedback form at www.bhkstormwater.com.au.

Once all feedback has been considered, the design will be finalised and the necessary approvals for construction obtained. It is anticipated that construction will commence in 2020.