

TECH NOTE

Project: Norman Griffith

Subject:	Ecological and Heritage Impacts		
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The purpose of this technical note is to address the heritage and ecological concerns regarding the Norman Griffith synthetic pitch redevelopment.

Ecological

There are concerns regarding the impact on the following ecological elements:

- Impact on native grasses near the proposed development
- Impact on the presence of Sydney Turpentine Ironbark Forest
- Impact on fauna

Impact on Native Grasses

A site inspection was conducted by council and SPORTENG to discuss the positioning of the field concerning the biodiversity-protected areas on the eastern and southern sides of the site. It was recommended by SPORTENG, to keep within the already developed areas. The extent of the existing developed field on the eastern side is shown in figure 1 below. The developed areas are mowed up to the edge of the existing field runoff. To mitigate any potential impact on the native grasses, the is field is positioned so it will not encroach past the overhanging tree lines. Leaving a buffer between the field and potential native grasses.



Figure 1 Eastern boundary.

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The bioretention basin on the southern side of the field will cut into the existing mound. This is considered acceptable as it is a developed mound, and is currently mowed to the top of the mound. The extent of the excavation is to the top of the batter and does not encroach into the protected zone



Figure 2 Southern Batter

In conclusion, there will be no impact to the native grasses

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Impact on Ironbark Forest

To ensure there is no impact on the protected Ironbark Forest, an arborist report has been completed to assess the impact of the field on the surrounding trees. The report concludes that there are no adverse impacts on the protected ironbark forest as the field extents are positioned with a less than 10% impact on the closest tree protection zones (figure 3)



Figure 3 Concept with tree protection zones

As a result of the development, there is one tree required to be removed along Loftburg road. However, this is not within the biodiversity protected zone (see figure 4) and therefore acceptable to be removed

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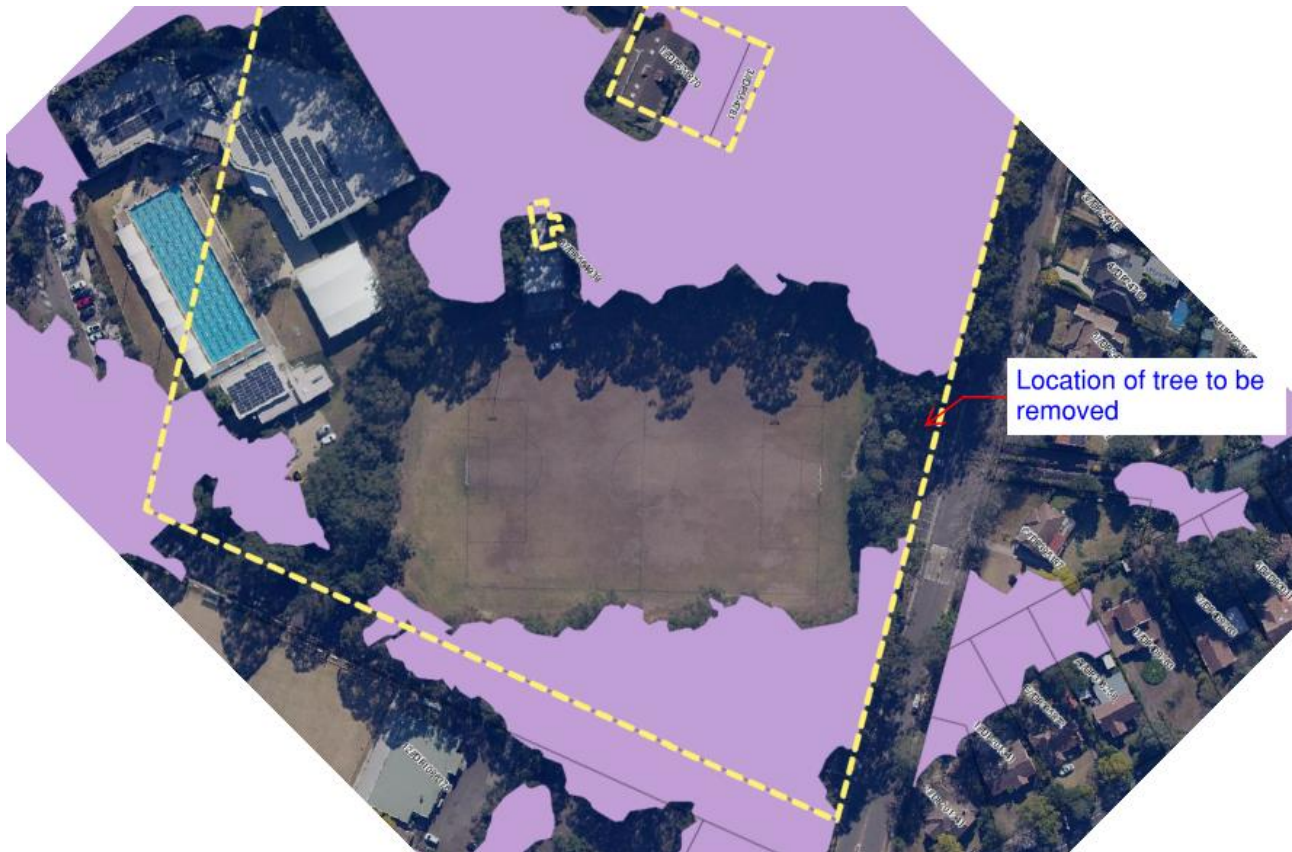


Figure 4 Council extract of protected biodiversity area

Impact on Fauna

There is no encroachment onto the biodiverse protected areas and therefore no impact on fauna on the site.

We conclude that there is no ecological impact as part of the proposed development.

Impact on Heritage

There are concerns about the potential impact on the adjacent bi-centennial park of the site. The proposed Synthetic field will only be developed in already developed areas. Construction machines will be traversing through the already developed gravel accessway to the east of the current field, meaning there is no need to construct on the adjacent parklands

We conclude that there is no heritage impact on the adjacent bicentennial park as part of the proposed development.