

3 April 2025

Ms. Sonia Mallos
Project Lead, Major Projects
Infrastructure Delivery, School Infrastructure NSW
Level 8, 259 George Street, Sydney NSW 2000
By email: Sonia.DaSilva1@det.nsw.edu.au

Re: Jordan Springs High School Asset Protection Zone

Blackash Bushfire Consulting has been engaged by NSW Department of Education to provide bushfire services in support of the new Jordan Springs High School at the corner of Armoury Road and Infantry Street in Jordan Springs and is legally described as part of Lots 2 and 3 in DP 1248480 (the site).

The site and surrounding lands to the north, west and south been cleared as part of previous subdivision construction, which is reflected in the updated certified Bushfire Prone Land map (Figure 1). The eastern boundary adjoins a future road to be known as Park Edge Road which has not yet been established. The certified Bushfire Prone Land map uses the edge (eastern extent) of what will be Park Edge Road as the extent of unmanaged vegetation.

The classified vegetation in the Blackash Bushfire Hazard Assessment report has been measured from the outer edge of the vegetation in accordance with *Planning for Bushfire Protection 2019* (PBP) site assessment requirements. This provides a separation distance from the classified vegetation. This measurement ensures that the appropriate setback distances are established for determining bushfire necessary mitigation measures including asset protection zones (APZ). The assessment considers the extent, type, and continuity of the vegetation, applying site-specific analysis to account for any variations in fuel loads, canopy cover, and understorey characteristics.

The APZ is covered in Section 11.7 of the Bushfire Report. Figure 10 in the report (Figure 2) shows the APZ extending into the site including part of it within the existing track along the eastern edge of the site and what will become Park Edge Road. The APZ from the woodland and forested wetland is buffered from the edge of these vegetation types which extends across the grassland hazard (between the site and the woodland and forested wetland). These are the green and blue APZs within the site. The grassland APZ is the solid pink APZ which effectively fills in the gap between the woodland and forested wetland. The 42m and 50m APZ within the site, also includes the separation across the grassland vegetation off site. The

grassland APZ within the site is 40m as is required by PBP. This assumes the track is managed land (not an APZ) as defined within PBP which provides a non-combustible surface.

There is no reliance on any APZ being maintained off site and no burden to adjoining land owners. To be abundantly clear, an updated APZ map has been provided (Figure 3) that does not show any APZ off the site. The extent of the APZ will not change within the site and it will not alter the position in relation to Specification 43 not being active for any of the buildings on the site.

Due to the APZs being wholly contained within the site, there is no external reliance on adjacent land to achieve the required bushfire mitigation measures. This ensures that bushfire risk is managed entirely within the development footprint, reducing the potential for conflict with neighbouring properties and eliminating the need for easements or agreements with adjoining landowners. Furthermore, internal APZs allow for direct control over vegetation management and maintenance, ensuring compliance with bushfire protection standards over time.

Due to the APZs being wholly internal within the site, there is no impact to mitigation measures.

If you require any further information, please do not hesitate to contact me on 0419 203 853.

Yours sincerely,



Lew Short | Principal

BlackAsh Bushfire Consulting

B.A., Grad. Dip. (Design for Bushfires), Grad. Cert. of Management (Macq), Grad. Cert. (Applied Management)

Fire Protection Association of Australia BPAD Level 3 BPD-PA 16373

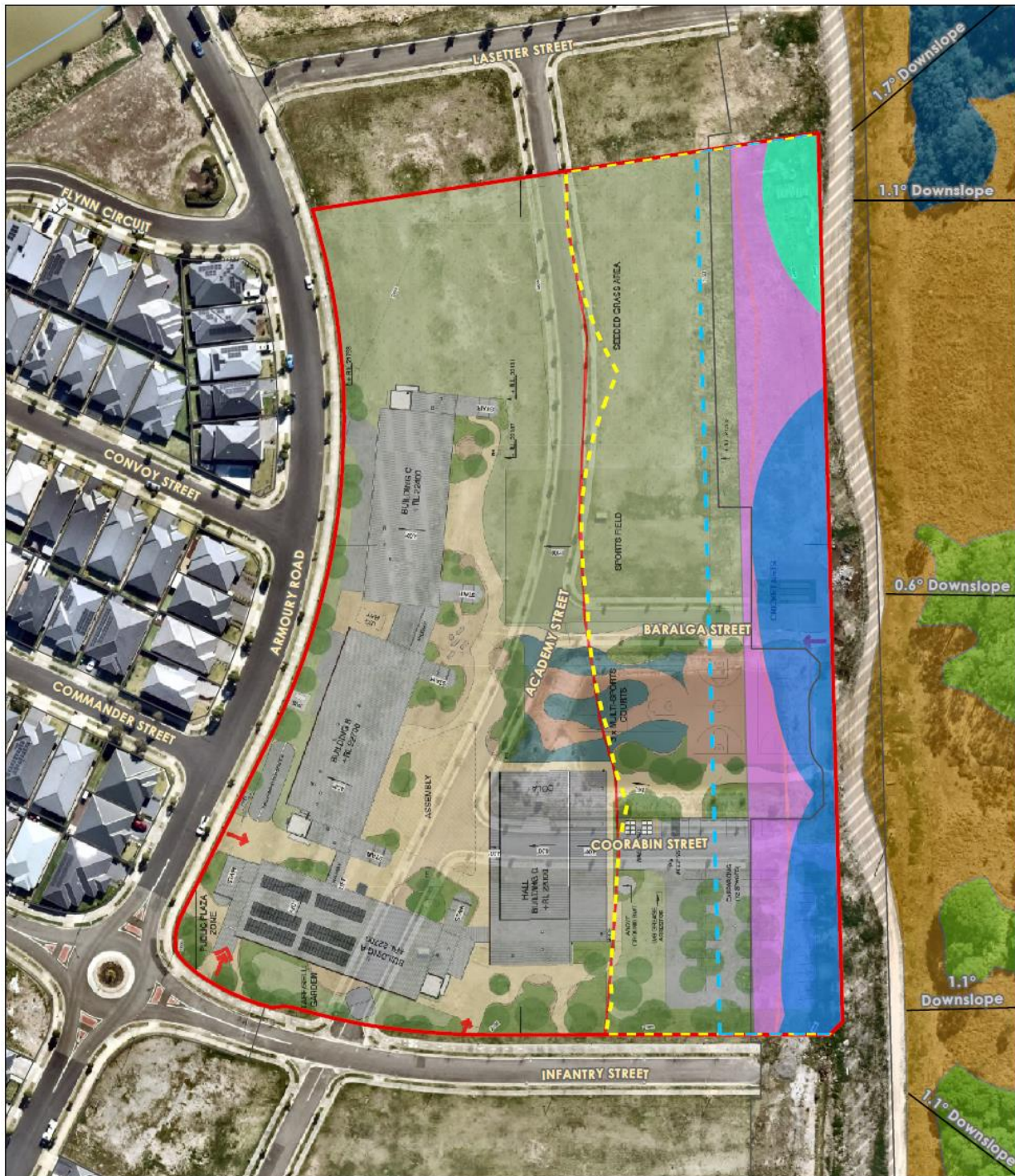


Figure 1 Bushfire Prone Land Map (source ePlanning Spatial Viewer)



Figure 10 APZ and Bushfire Attack Level out to 100m

Figure 2 APZ Map from Bushfire Report



Legend

- Watercourse
- Proposed New Road - Park Edge Road
- Subject Land
- Vegetation Formation - Blackash**
- Forested Wetland

- Grassland
- Woodland
- Specification 43 Maximum Extent**
- Category 1 Vegetation
- Grassland

Asset Protection Zone - SFPP

- 40m
- 42m
- 50m



DKGIS

Date: 2/04/2025

0 25 50
Metres

Coordinate System: GDA2020 MGA Zone 56
Imagery: © Nearmap

Figure 3 APZ