# Appendix 3: Springfield Road North Planning Proposal – Site Constraints Summary

The maps in this attachment were provided as part of the planning proposal as originally submitted. The proponent has not provided updated constraints mapping to align with the Option A and Option B proposed ILPs lodged in December 2024. Council officers have superimposed the extended proposal area (as outlined in proposed ILP Option B) to assist with interpreting the original maps, and to indicate where additional information is required to be provided by the proponent.

A pre-development site analysis map is provided in Figure 1.



Figure 1: Excerpt from Planning Proposal Report - SRN Subject Site Pre-Development Analysis Map (Source: SRN Planning Proposal, Urbanco)



Figure 2: Site elevations and ridgelines (Source: SRN Planning Proposal, Urbanco)

Figure 3: Landform (slope) (Source: SRN Planning Proposal, Urbanco)

# i. <u>Slope and elevation</u>

The land is undulating and generally falls from south east to north with an elevated high point in the southern corner along Springfield Road. The land levels range from 80mRL to the highest elevation of 130mRL. The most elevated portions of the site are in the south and south east quadrants and the lowest points are located along the north west boundary.

Most of the site comprises a less than 10% slope, with a few isolated pockets exceeding 10% and reaching as high as 20%. Two dominant ridgelines extend from the south east to the north west as shown in **Figures 2 and 3**.

# ii. Drainage and Flooding

The site is within two catchment areas, with the Rileys Creek catchment draining to the north and the South Creek West catchment draining to the west. A number of existing dams connected by hydrolines form corridors of riparian lands across the site. These are shown in **Figure 4**.



Figure 4: Catchment Areas applying to the SRN site (Source: SRN Planning Proposal, Urbanco amended by Camden Council)

The Upper South Creek Flood Study covers the site with part of the site mapped as being within the 1% Annual Exceedance Probability (AEP) and the Probable Maximum Flood (PMF). The extent of this mapping is shown in **Figure 5**.



Figure 5: Upper South Creek Flood Study (Source: Council GIS)

#### iii. <u>Bushfire</u>

The site is partially bushfire prone, with pockets of the site within a Category 1 classification. The extent of bushfire prone land is shown in **Figure 6**.





Figure 6: Bushfire Prone Land(Source: Council GIS)

Figure 7: Areas of biodiversity certification under the Biodiversity Conservation Act 2016 across the SRN site (Source: Council GIS)

## **Vegetation**

The whole of the site is mapped as being biodiversity certified under the Biodiversity Conservation Act 2016 as shown in **Figure 7**.

The site contains substantial strands of Cumberland Shale Plains Woodland as shown in Figure 8.



Figure 8: Cumberland Plains Woodland Mapping (Source: Council GIS)

## iv. <u>Airport</u>

The site is also mapped as being within the wind turbine and wildlife buffer zones of the Western Sydney Airport. This is shown in **Figures 9 and 10**.



Figure 9: Western Sydney Airport – Wildlife Buffer Turbine Map (Source Council GIS)



Figure 10: Western Sydney Airport - Wind Map (Source Council GIS)

## v. Land use conflict

The SRN site is in close proximity two operational poultry farms with a combined 11 sheds. These farms are located on the western boundary (as shown in Figure 15), just outside the SRN site for draft ILP Option A and directly adjoining the proposal site for draft ILP Option B. The location of these farms in relation to the proposal site is shown in **Figure 11**.



Figure 11: Aerial view of the north western boundary (blue line) of the site showing the location of two operational poultry farms (circled in red) (Source: Council GIS)