

**Appendix O**

**Landscaping Design Report**



**ARCADIA**  
LANDSCAPE ARCHITECTURE

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**GOULBURN HOSPITAL REDEVELOPMENT**

**GOULBURN NSW**

**LANDSCAPE SCHEMATIC DESIGN**

**SEPTEMBER 2017 [B]**

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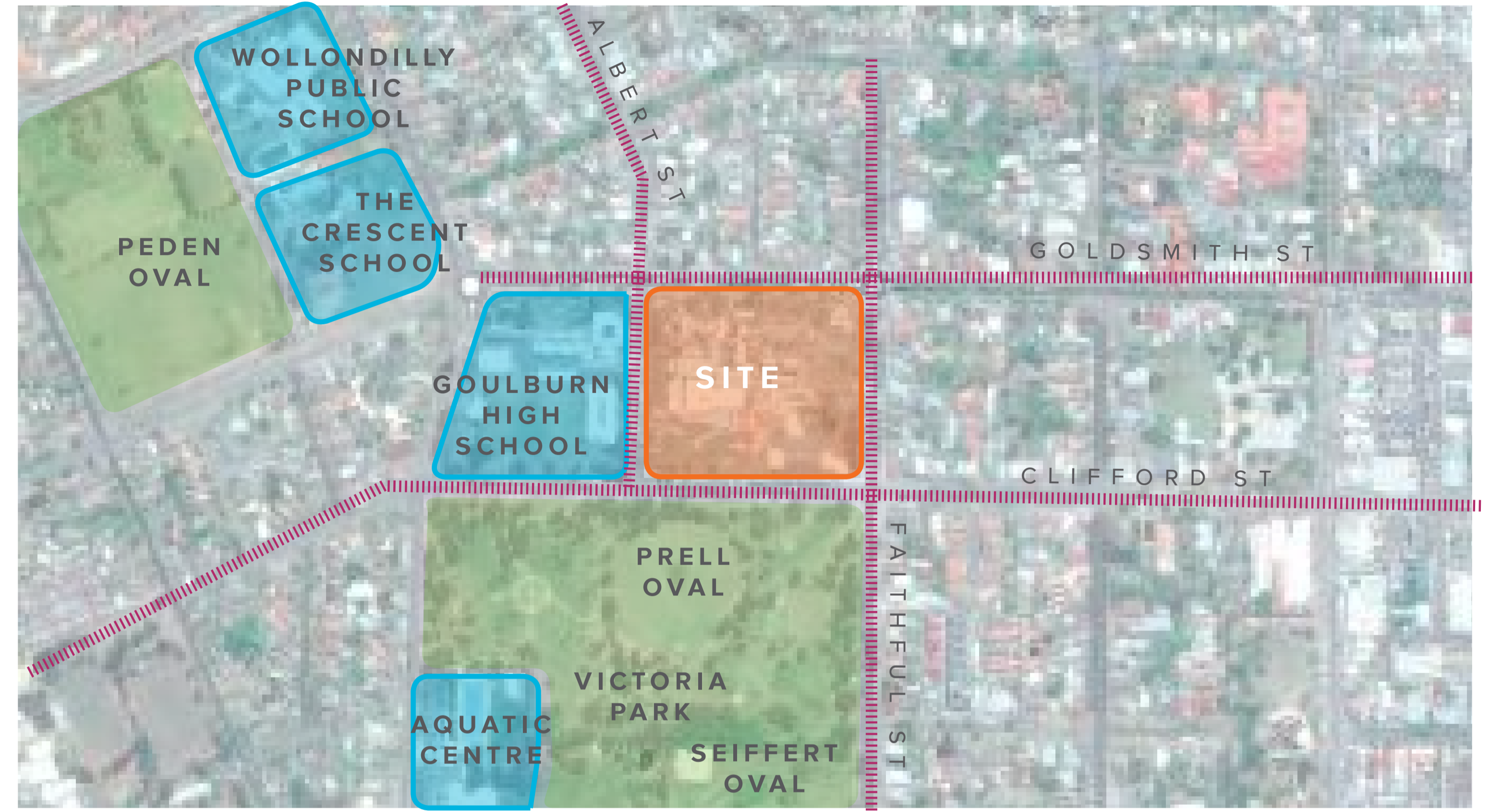
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REGIONAL CONTEXT

Goulburn is located at 640m above sea level and 195km south west of Sydney. It was one of the **earliest inland settlements** in NSW and quickly became a major stop-over point for road and rail services as well as a **significant centre** supporting surrounding pastoral land.

Influences from the surrounding mountain ranges and **Great Dividing Range** has **influenced soil and vegetation character** of this area.



LOCAL CONTEXT

Goulburn Base Hospital is a public district hospital that lies just outside of the **town central hub (1km)** and main street. Major streets including **Goldsmith and Clifford** run to the north and south of the site.

The site is within close proximity to three local schools as well as the large area of open space on the block directly adjacent. **Victoria parklands and Sporting ovals** may provide important connections to the open space areas located within the hospital site.



Goulburn streetscape



Goulburn Main Street



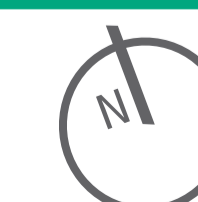
Golf Club, Goulburn

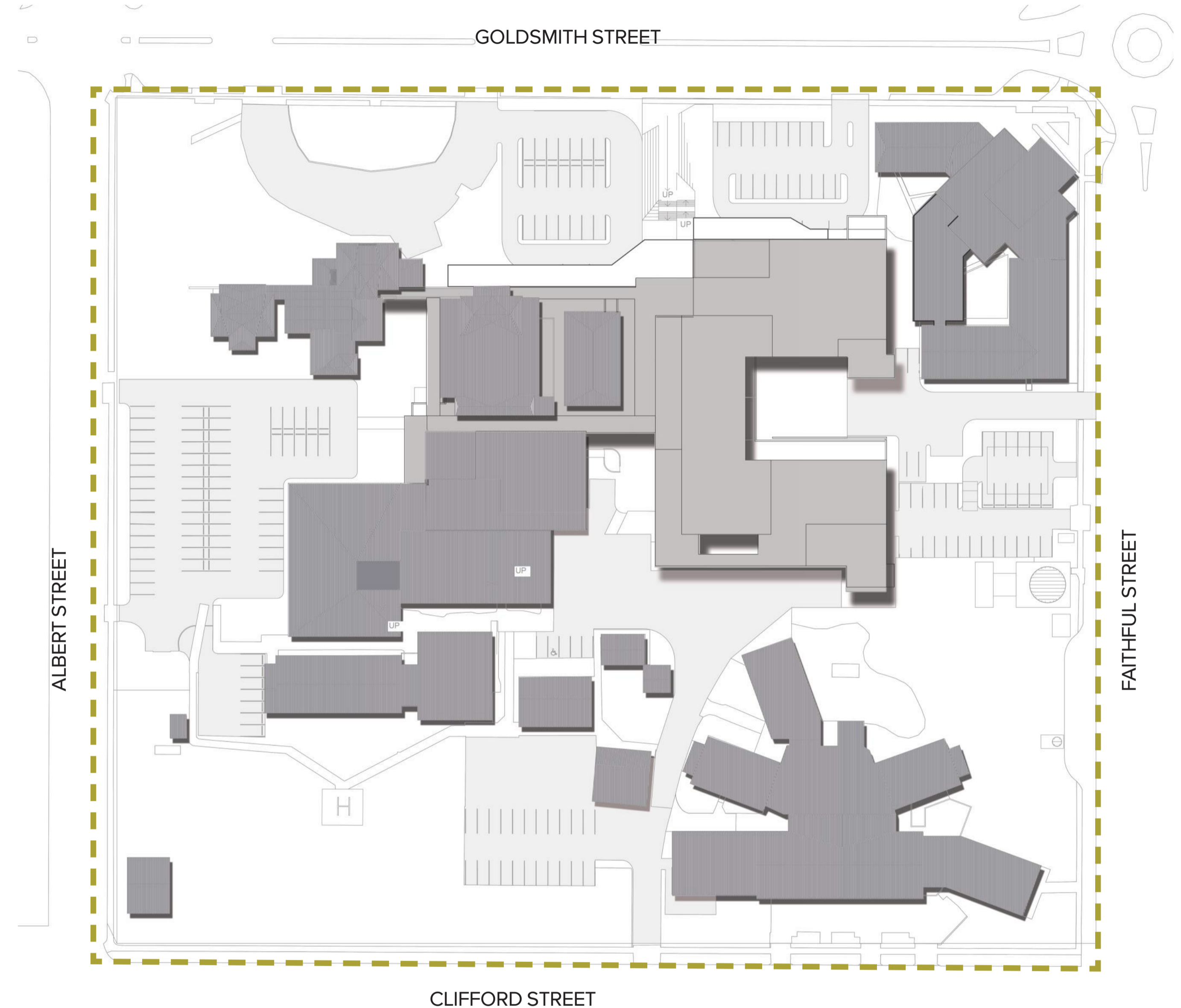
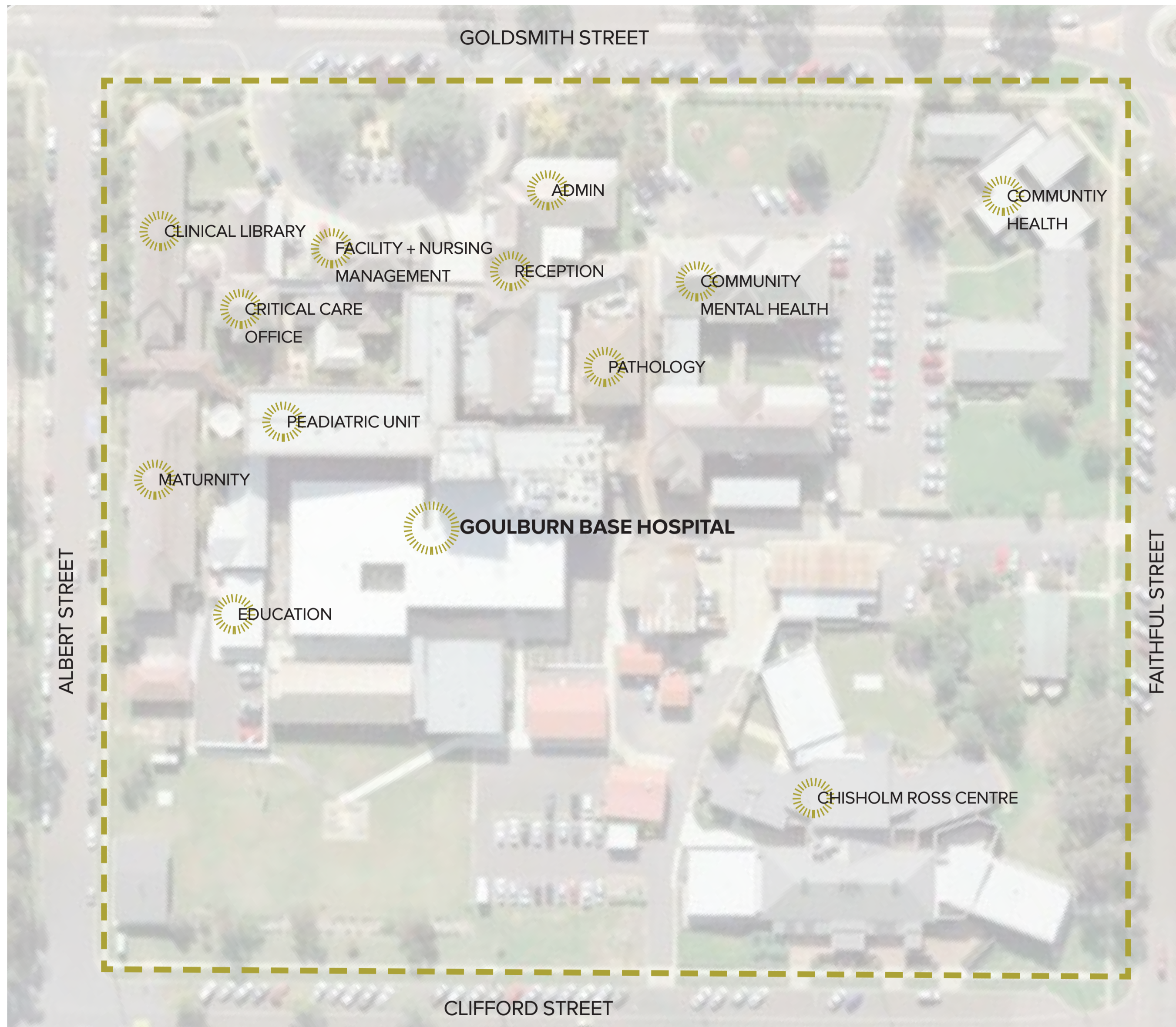


Belmore Park Gardens



Victoria Park Gardens



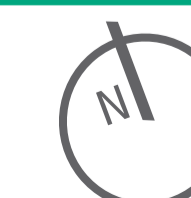


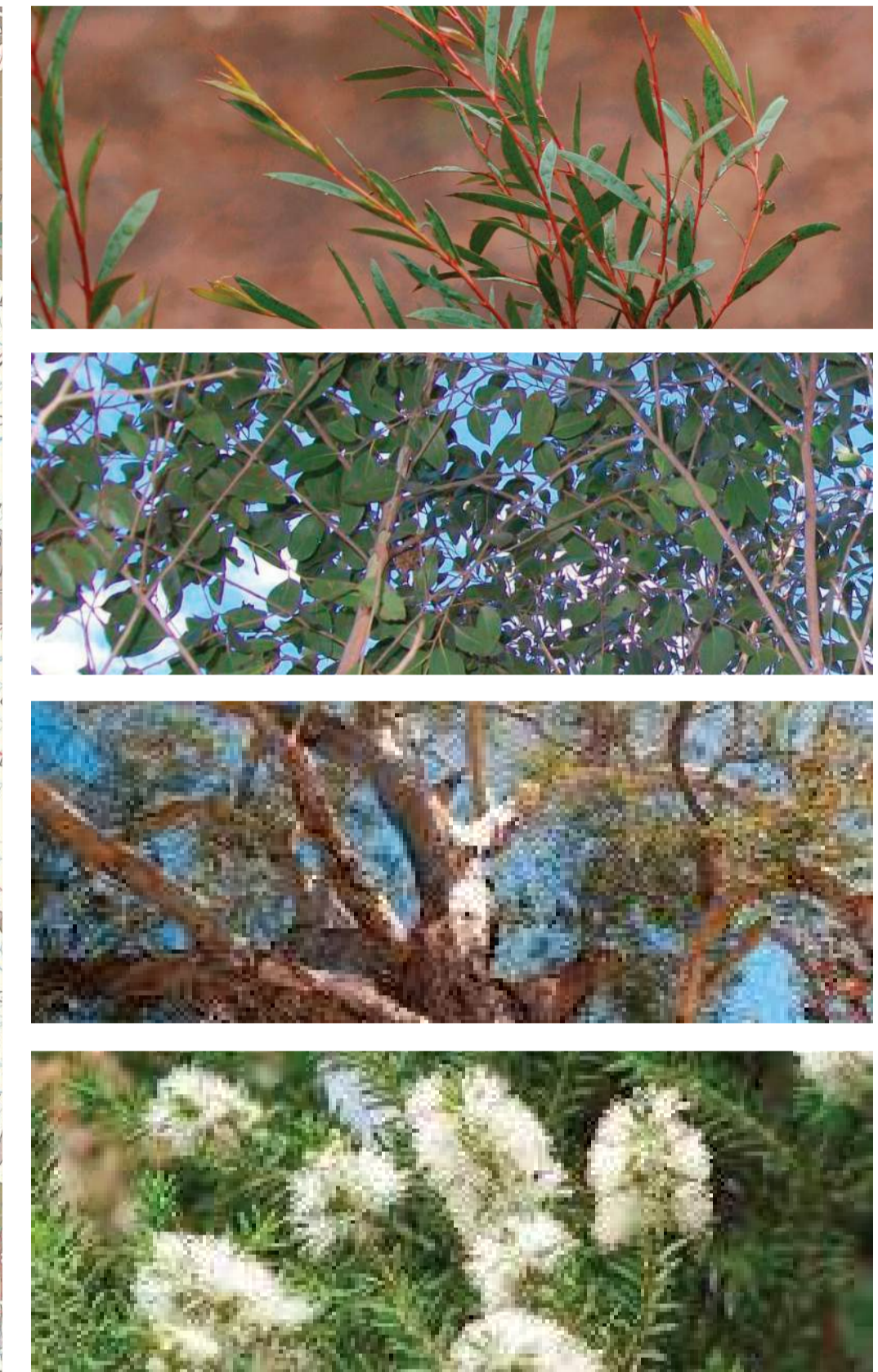
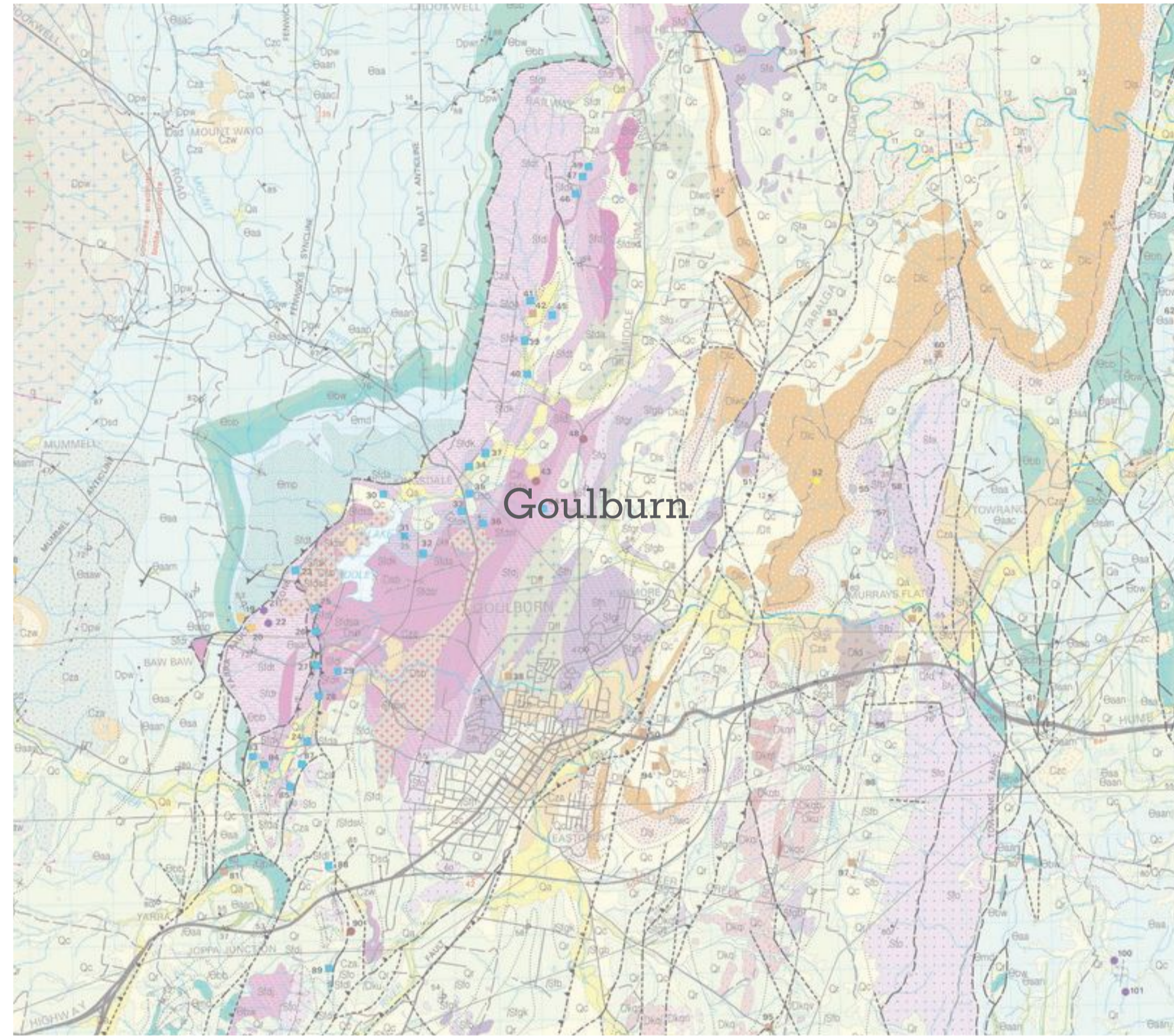
- Proposed Buildings
- Existing Building Layout

## SITE CONTEXT

Goulburn hospital is medium sized regional hospital servicing many surrounding areas.

It is located less than 1km away from the CBD of Goulburn and remains in close proximity to major schools, sporting ovals and open space facilities.





## SOILS + GEOLOGY

Due to the **folding of the land** during the formation of the **Great Dividing Range**, rock and soil types and fertility levels **vary greatly over small distances**.

The above map shows that Goulburn geology primarily consists of **red basalt with strips of granite** along with shale sands.

Alluvial fertile soils follow the main waterways throughout the region.

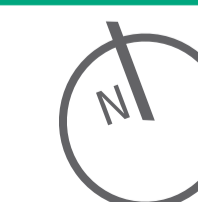
Soil textures vary from gravels to **coarse sands, to silts and light clays**. The shale and sand soils, combined with the heavy stock grazing, means **erosion remains a large problem** within the Goulburn area. Various management plans are in place to help control this problem.

## LOCAL VEGETATION

**Pre-European settlement, Indigenous people managed the land in a sustainable way** with controlled burns to regenerate growth and for their own hunting purposes. In the 1820's major changes in the vegetation character were experienced with the **introduction of crops and sheep grazing** across the district.

The above maps highlight Goulburn's vegetation character which consists of **Tableland low woodland, Riverbank forest and Western Tableland dry forest**. There are heavy areas of Eucalypt forest, dominated by **Yellow Box and River Red Gums** in the west, **Casuarinas and melaleucas** to the east and along the major waterways.

Several other plant species hold regional significance in this area including: Eucalyptus moorei (Narrow-leaved **Black Sallee**) and Eucalyptus ligustrina (**Privet-leaved Stringybark**).

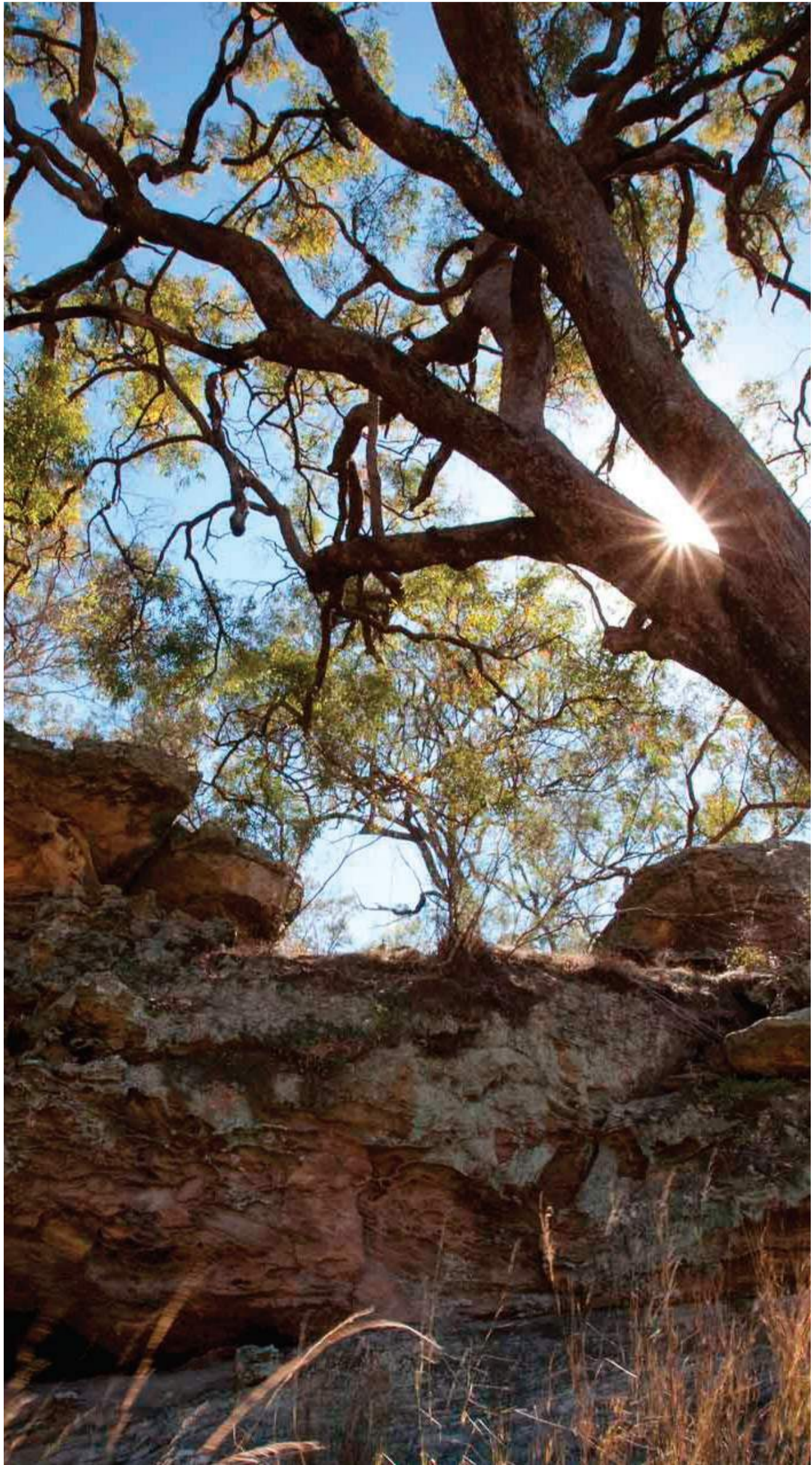




IMPORTANCE OF WOLLONDILLY RIVER SYSTEM



SOILS AND GEOLOGY PATTERNS



LOCAL VEGETATION CHARACTER

