



BENTLEY REDEVELOPMENT TREE RETENTION AND MANAGEMENT APPROACH

The vision for the Bentley Redevelopment Area is to create a diverse and sustainable residential community that promotes inclusion and connectivity, sparking a transformative new chapter for Bentley.

This fact sheet outlines our approach to tree management as part of the revitalisation of the Bentley Redevelopment Area.


SITE HISTORY AND REMEDiation REQUIREMENTS

The Bentley Redevelopment Area sits on a site previously used as a sand quarry from the late 1940s to the 1960s. Over time, the quarry was backfilled with materials of varying depths and densities, creating inconsistent ground conditions. Extensive remediation is required before the land can be used for future homes. This involves excavation of the land (up to 10 metres deep).

OUR AIM

As part of our commitment to sustainability and innovation, the Bentley Redevelopment Project is targeting a 30% tree canopy and ecological value for 20% over the life of the project. This means we will be working to create a very shady tree-lined estate, keeping the area cool and comfortable, while reducing heat-related health risks and costs associated with air conditioning. Select trees will be replaced with varieties that are suitable for the local landscape, while providing a source of food and habitat for wildlife.

*The vision will be guided by the **Bentley Redevelopment Master Plan** – a map that shows us how to turn our vision into reality, including the type and number of homes there could be, how the community can get around, the different parks they'll get to enjoy, and how we can reduce the development's impact on the environment.*



By prioritising tree canopy expansion and ecological restoration, the Bentley Redevelopment Project will set new standards for creating environmentally friendly, healthy, and vibrant communities in Western Australia.

OUR APPROACH

While remediation works are necessary to enable future development, we are committed to enhancing and restoring the natural environment. We will implement key measures including:

- **Tree retention:** We aim to keep as many existing trees as possible by carefully planning around them and incorporating them into the new design, such as future parklands, street verges and within residential lots.
- **Wildlife monitoring:** No trees with hollows are marked for removal, however several trees will be removed. These trees will be checked for nesting birds and other wildlife before felling, with relocation of fauna where possible, prior to removal.
- **Tree Replacement:** In cases where existing trees cannot be retained, they will be replaced with species

suited to the local landscape. These new plantings will be chosen to provide food and habitat for local bird species and wildlife, while also meeting the needs of the growing community.

- **Canopy Target:** By achieving a 30% tree canopy coverage within the redevelopment area, we will create greener, cooler, and more walkable neighbourhoods, which are essential for creating sustainable urban communities.
- **Nature Positive Bentley:** DevelopmentWA is embarking on a research partnership with a Curtin University urban ecologist to pilot an open-access spatial mapping tool to inform the project's biodiversity-sensitive urban design. The tool will monitor and collect real-time data, which can be used to guide habitat placement and design, optimising ecological connectivity with surrounding green spaces.



Want to know more?

Scan the QR code to follow our works progress and to view our other fact sheets.

CONTACT

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