

# The Fiona Stanley Hospital landscape

Fiona Stanley Hospital will be set among a stunning mix of natural bushland and world-class landscaped areas including more than five hectares of public open space areas, internal gardens, courtyards and plazas.

Rooftop gardens, streetscapes and wetland areas will also contribute to the variety of settings and spaces that will be used for active and passive recreation, rehabilitation, staff and patient amenity, and natural habitat.

The multi-million dollar investment in landscape and irrigation works will help to provide a comfortable, vibrant and stimulating environment for patients, staff, visitors and the local community.

The landscape across the site will draw inspiration from the natural features and biodiversity of the local area – and will include an unprecedented number of native plantings, including use of seedlings grown from seed collected from the bushland areas on the site.

## Creating a healthy environment

The inclusion of well-designed landscaped areas will make the Fiona Stanley Hospital a better health facility and lead to improved health outcomes for patients. The landscaped areas will:

- reduce stress for patients, staff and visitors;
- offer areas for exercise and rehabilitation;
- provide relaxation and distraction through contact with the natural environment, including flora, wetlands and wildlife;
- empower patients by increasing privacy and choice;
- provide a more vibrant and attractive place to work, in turn, attracting and retaining quality staff;
- provide safe places that foster social interaction, promote a healthy environment and improve overall users' well-being and comfort;
- ensure energy and water efficiency is maximised. For example, the storm water management system will provide for rainwater to be collected and used on site for irrigation purposes, reducing overall water use across the site;
- include public elements such as shade, lighting, seating, waste disposal containers, fencing, signing, interpretative elements and public art; and

- provide visual interest that is interactive at different levels of day and night times by using variety in plant form, colour, texture and integration of art in the landscape.

## Open space and greenway spaces

Open space and greenway areas will support gardens planted entirely with native species, with all of the chosen tree species and the majority of understorey species being those found naturally on the site or native species known to be suitable for Carnaby's Black Cockatoo foraging.

These areas have been designed to function as extensions of the natural environment, in particular the retained adjacent bushland areas, and to provide 'soft' interfaces between these areas and the roads and buildings of the hospital.

The native garden and wetland environments created in these areas will provide opportunities for staff, patients and visitors to observe native flora and fauna.

Tree plantings in these areas are likely to include selected species of Jarrah, Marri, Sheoak, Moonah, Swamp Paperbark and Banksia. Shrubs include Woollybush, Dwarf Sheoak, Melaleuca and Orange-flowered Eremaea.

Where possible, selected areas within the greenways will include retained trees protected during the clearing of the site.

## Internal courtyard spaces

Internal gardens and courtyards will be planted with a mix of both native and exotic plant species depending on the function and position of these spaces.

Tree plantings in these areas are likely to include selected species of Tuart, Jarrah, Marri, Moonah, Swamp Paperbark, Banksia and Ficus Macrocarpa. The understorey areas will include local native and exotic shrubs and groundcovers including *Banksia blechnifolia*, *Dryandra nivea*, *Hemiandra pungens* and *Macrozamia riedlei*.

## Streetscape areas

Streetscapes will be planted entirely with native tree species. The canopies of trees across the road network of the Fiona Stanley Hospital will form extensions of those of remnant and planted trees in the retained bushland areas and open space.

Tree plantings in these areas are likely to include selected species of Jarrah, Slender banksia, Firewood banksia, Grasstrees, Marri, Flooded gum, Swamp Banksia, Holly Leaved Banksia, WA Peppermints, Coastal blackbutt, Tuart, Sheoak, Red Flowering gum, Swamp Paperbark. These tree species will reinforce the natural character of the site, promote wayfinding and encourage fauna movement and habitation.

Where possible, streetscapes will incorporate water sensitive urban design principles to manage on site stormwater run-off via a system of swales and rain gardens.

Pedestrian comfort will also be maximised using street furniture, lighting, shade trees, signage and high quality materials.

## Roof garden spaces

Up to 65 per cent of the roofscape of the main hospital building will be landscaped, with 22 per cent planted with a mix of native and exotic plant species.

Most areas will consist of low ground covers mixed with groupings of small trees for shade and birdlife.

Low growing shrubs and groundcovers, including known food sources of the Carnaby's Black Cockatoo, will also be included in roof garden spaces. These are likely to include *Banksia blechnifolia*, *Carpobrotus virescens*, *Dryandra nivea*, *Allocasuarina humilis*, *Calothamnus quadrifidus*, *Hemiandra pungens*, *Kennedia prostrata* and *Macrozamia riedlei*.

### For more information

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