

# WAGGA WAGGA BASE HOSPITAL

Schematic Design

LANDSCAPE DESIGN REPORT





LANDFORM + CONTOURS



NATURAL FEATURES



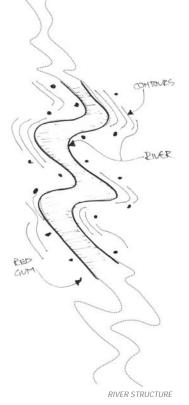


PATTERNS + TEXTURE

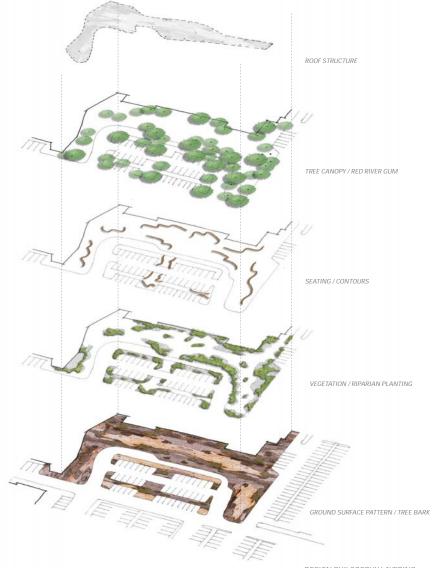


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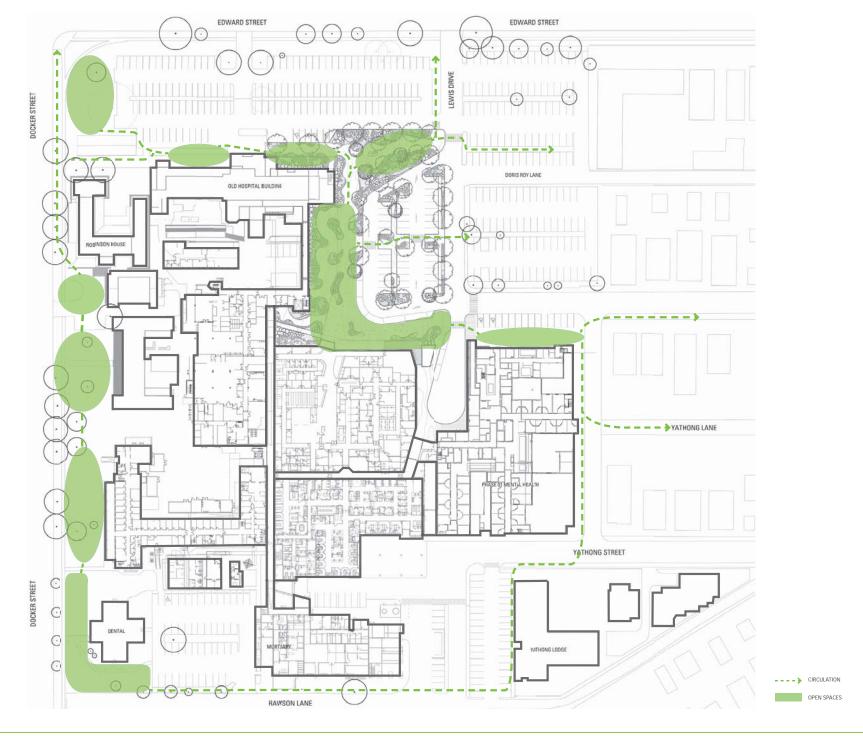






DESIGN PHILOSOPHY LAYERING









### PUBLIC ART INSTALLATIONS



#### CANOPY LAYER



from Murrumbidgee River banks

### CONTOUR EDGES + SEATING ELEMENTS



BENCHING + BREAKOUT SPACE
reflecting local landforms, outdoor rooms created by surrounding pockets of
vegetation and contour benching provides opportunity for rest.

## LOW CLUMPING VEGETATION CONTRASTED BY PEBBLE MULCH







LOW CLUMPING VEGETATION mimicking form + habitat of the local river

# SURFACE PAVING REFLECTING GUM TREE BARK TEXTURE

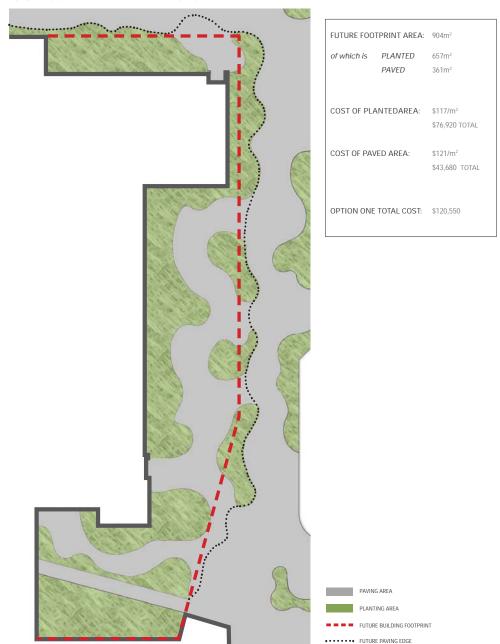


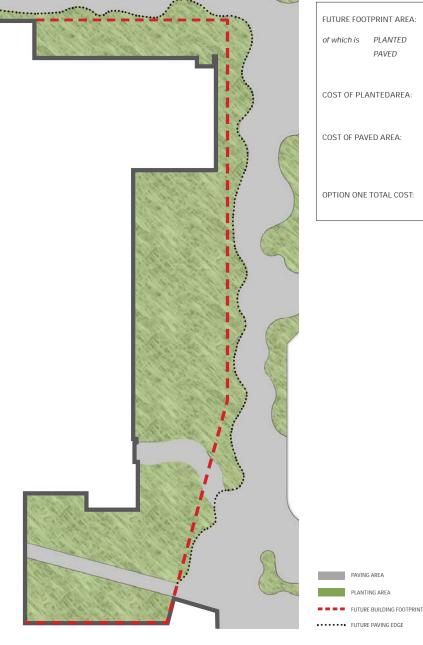
PAVED SURFACE
Tonal variations of coloured concrete paving emulates the textured pattern of the gum tree bark.











FUTURE FOOTPRINT AREA: 904m² of which is PLANTED 845m<sup>2</sup> PAVED 59m<sup>2</sup> COST OF PLANTEDAREA: \$117/m² \$98,865 TOTAL COST OF PAVED AREA: \$121/m<sup>2</sup> \$7,140 TOTAL OPTION ONE TOTAL COST: \$106,005





PLANTING AREA

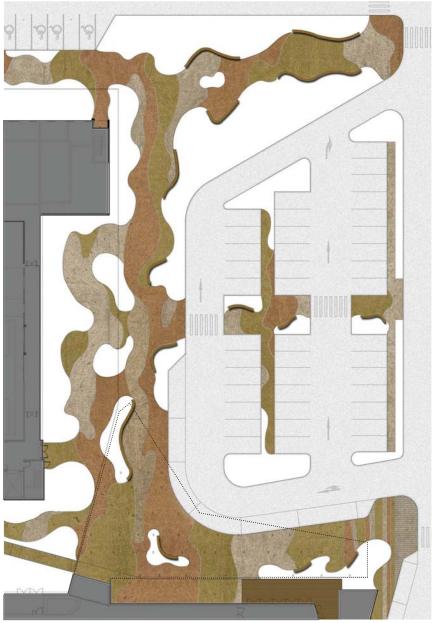








DESIGN GENERATOR

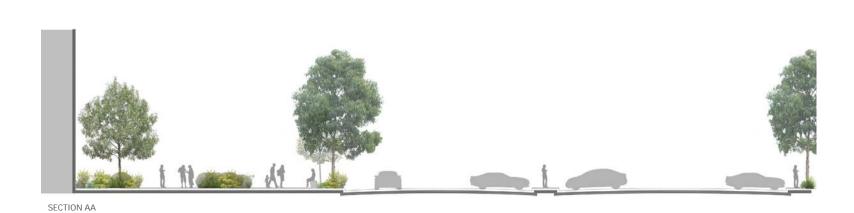






PROJECT EXAMPLES Images: Coloured Concrete Systems







TYPICAL SEATING COMPOSITION



SECTION BB











Acacia pycnantha | Golden Wattle

Corymbia maculata | Spotted Gum

MEDIUM SHRUBS





Banksia marginata | Silver Banksia

SMALL SHRUBS







Leucophyta brownii | Cushion Bush

GRASSES / ACCENTS







Anigozanthus 'Ruby Velvet' | Red Kangaroo Paw



GROUNDCOVERS









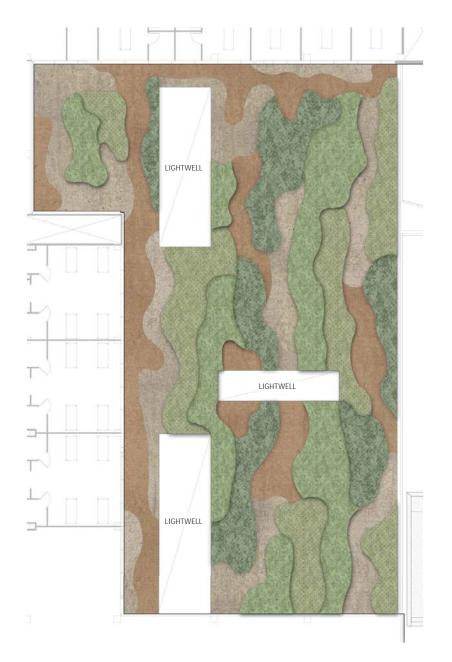
Myoporum parvifolium | Creeping Boobialla

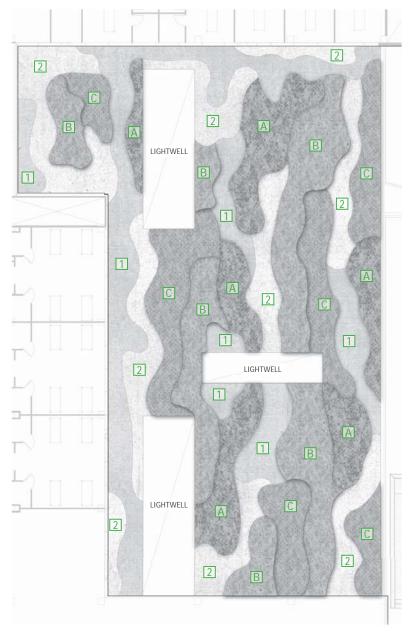
Grevillea juniperina 'Gold Cluster' | Grevillea Gold Cluster

Carpobrotus glaucescens | Pigface

Brachyscome Multifida | Swan River Daisy











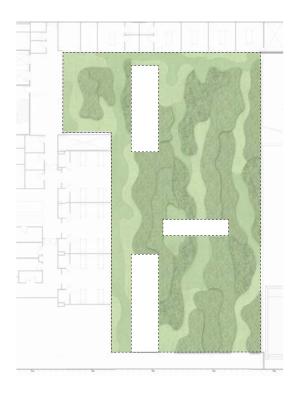
Lomandra longifolia | Spiny Head Mat-Rush





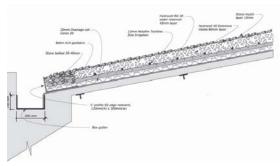


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TOTAL ROOF AREA (excluding voids) 1154m<sup>2</sup>

COST OF FYTOGREEN SEMI-EXTENSIVE ROOF GARDEN SYSTEM INCLUSIVE OF Sika® Sarnafil® MEMBRANE + PLANTS: \$340/m²



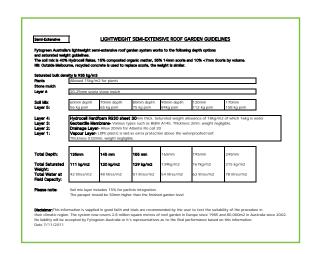
TYPICAL DETAIL - EXPOSED BOX GUTTER

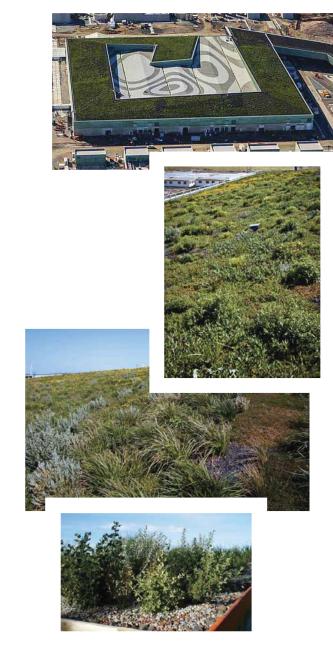


SARNAFIL GREEN ROOF OVER CONCRETE

### SIKA SARNAFIL

- Sika® Sarnafil® has been waterproofing green roof projects in Australia for over 30
- Sika® Sarnafil® G476 membrane is compounded to remain watertight in extreme conditions including constant dampness / ponding water / high & low alkaline conditions.
- Membrane is root and algae resistant.
- Membrane is thermoplastic when seams and flashings are welded together the sheets become one monolithic layer of material, impenetrable to moisture infiltration.





SEMI EXTENSIVE ROOFTOP PROJECTS Images: Fytogreen | Victorian Desalination Plant



WAGGA WAGGA BASE HOSPITAL Schematic Design

Prepared by: Arcadia Landscape Architects Architect: Billard Leece Partners November 2012

Issue: A Scale: NTS Copyright remains the property of Arcadia Landscape Architecture Pty Ltd. Use only figured dimensions. Any other required dimensions are to be referred to and supplied by the landscape architect. All discrepancies to be referred to the project manager and Arcadia Landscape Architecture Pty Ltd prior to construction. Ensure compliance with the Building Code of Australia and all relevant Australian Standards and Authority Requirements.