

CAMDEN MEDICAL CAMPUS PRECINCT, GREGORY HILLS

LANDSCAPE CONCEPT DESIGN REPORT

21 January 2019 Issue A



SITE IMAGE
Landscape Architects

ALTIS

SITE AND CONTEXT

Gregory Hills is a suburb of Sydney, 58 kilometres SW of the CBD in the Municipality of Camden. The suburb name was assigned on 1 August 2008, named from the Marist Brothers St Gregory’s Chapel on the land before suburban development. This is an established suburb with extensive residential, schools, retail, recreation and community facilities. The context is that this is an area integrated with adjoining similar growth centres such as Oran Park, Gledswood Hills, Eschol Park and Harrington Park.

The site is located on the eastern edge of the Luke Creek riparian corridor, which 150m north of the site joins the larger South Creek open space corridor. Lukes Creek riparian planting and stabilisation / watercourse works have recently been completed and are establishing. The Camden Private Hospital and Biomedical Research Building is located as the centrepiece of the Camden Medical Campus Precinct in the Gregory Hills Corporate Park.

The project is located on the corner of The Hermitage Way and Digitaria Drive. The proposed hospital and allied facilities have been designed to fully incorporate and embed core ESG sustainability principles relating to Environmental, Social and Governance factors. Landscape design has been developed to be integral with the site planning, architecture and allied open space and rooftop areas. It responds to the enedmic landscape of the area; to the cultural landscape of the maturing local community open spaces; and to the specific functional, aesthetic and amenity requirements of the site.



LANDSCAPE MASTERPLAN



The landscape design reinforces the site planning, responding to the creation of strong identity corner landscapes to the principal ‘visual address’ to Digitaria Drive, and the formal public arrival address to The Hermitage Way. The Lukes Creek riparian corridor along the western boundary is reinforced with native canopy tree planting and a maintenance access road, respecting the bushfire APZ requirements for canopy separation and vertical stratification of landscape.

Feature sculpted landscapes and integrated signage are provided to the NE and NW corners, creating sinuous slices through the landscapes, with curved landscape / signage walls defining level changes in the undulating landforms. Existing street tree planting along Digitaria Drive are retained and complemented by tree planting along the boundary of the site to ‘green’ this important frontage, and frame service and basement carpark access driveways.

The Hermitage Way’s existing street trees are again retained, and adjusted with new trees as required to match the rhythm of proposed site entries. Wide landscape areas are proposed between and around parking areas as shown to provide for broad canopy shade tree planting. These trees are suitably spaced so as to allow for safe evening lighting and surveillance of the carpark areas. Contrasting paving to the parking areas will provide visual variety and reduce the apparent size, and increase the visual appeal with the quality of the pavements and detailing.

The broad landscaped forecourt area to the main building provides a significant transition environment for arriving patients, visitors and staff, engaging the senses and providing a lush landscape experience and relaxing garden spaces. The water features and seating lawn have distinctive rounded forms echoing the ‘three pebbles’ thematic of the area. The water features and lawn are tilted towards the arrival walkway and entry, providing flanking features to the left and right, with significant screening landscape creating a lush backdrop. A distinct greening of the edge of the carpark will create a strong ‘gateway’ experience when moving into the forecourt landscape, creating an uplifting environmental experience expressing the principles of sustainability and ESG objectives.

This striking landscape identity and environmental theme continues into the generous entry atrium spaces, with hanging gardens meeting lush ground floor gardens. This sense of indoor / outdoor continuity is central to the themes of the building, bring a sense of well-being to all users.

The rooftop gardens again continue the innovative landscape character and strong sustainability themes, with organic forms to rooftop PV cells flowing directly into the forms of the various outdoor garden terraces. Striking shade canopies integrate with the sinuous / biophilic forms of the gardens, providing inviting restorative amenity and rehabilitation activity spaces.

The landscape for the site has been developed to be in harmony with the local landscape setting, and provides a comprehensive green setting that expresses the ESG and innovation themes of the project.

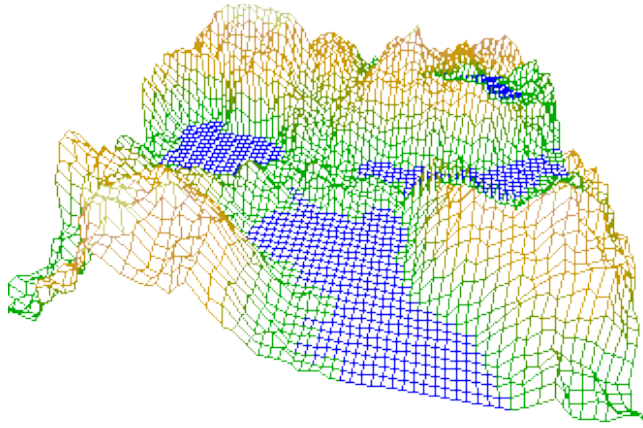
ESG / BIOPHILIC LANDSCAPE THEMES AND IDENTITY ELEMENTS

Riparian Setting & Landscape Design Expression



The flowing biophillic forms of the adjoining riparian landscape are expressed strongly in both rounded pebble forms, and the stretched organic lines that are formed between these pebbles and in the sinuous watercourse / flowing water.

Expression of Riparian Landform & Natural Systems



The gently undulating landform of the locality, and the myriad of connective waterways is represented in the three ‘pebble shaped’ landscape forms in the forecourt, being large tilted water features and a restive lawn area.

Sustainability & Innovation in Landscape Design



The flowing riparian forms of water and pebbles are again expressed in the rooftop photo-voltaic cells (PVC) and also the feature gardens and shade canopies, with their reflective underside echoing the PVC rooftop identity forms.

LANDSCAPE THEMES AND ICONIC DESIGN EXPRESSION

The landscape design development has been completed as an iterative process of exploring the ESG and sustainability themes of the Hospital, and exploring the identity of the local endemic and cultural landscapes of the area. The landscape feature spaces across the site providing immersive and engaging environments that are contemplative and restorative in their strong sensory and thematic content. The strong reference to the adjacent and prominent locality riparian landscape is key to creating a signature identity that engages with the local landscape character and community. The social aspect of strong engagement with the variety of user groups is to stimulate thought and reflection about the benefits of the natural setting, and the natural systems and forms that are expressed in the feature detailed design elements.

Riparian Setting & Creek Pebbles



Riparian Landform & Natural Systems



Sustainability & Innovation



LANDSCAPE DESIGN PRINCIPLES

- Street trees reinforced by screening trees provide a green edge to the road
- Striking curved identity landscape wall and level change as identity element
- Extensive landscaped terraces provide green outlook and amenity for users.
- Specific terrace areas serve adjoining indoor areas, such as Maternity.
- Corner landscape identity treatments provide strong precinct address
- Riparian maintenance access road with landscape extending riparian character
- Water features and lush entry landscape creates strong arrival experience space
- Rooftop PV Cells arranged in sinuous forms reinforce ESG outcomes / identity
- Carpark building has buffer planting as shown and 'green wall' (dashed line)
- Landscape podium terrace continues, with trees, gardens & shade structures
- Extensive landscape to the carpark with canopy trees & buffer / feature planting
- Street trees reinforced by screening trees provide a green edge to the road
- Site entries to have clear signage and sightlines for traffic safety
- Fraxinus trees provide seasonal colour to roadway, & evergreen trees to sides
- Dense landscape to the building frontage greens the facade and outlook
- Lukes Creek riparian landscape complete and maturing
- Building entry forecourt and lobby to have feature landscape and paving
- Carpark canopy trees and perimeter buffer planting continues
- Cafe to undercroft with green edge
- Boundary buffer planting



Corner landscape features have strong sculptural forms, with broad lawns and feature signage walls, and groundcover planting and tree planting.



The rooftop photo voltaic cells are to create distinctive rounded forms. Innovative shade structures on the podium terraces are to echo these forms.



The forecourt forms are to have a striking sinuous layout, with 'pebble-shaped' water features and lawn area flanking the entry path.



Feature elements in the landscape are to continue to express the natural forms and materiality, referencing the curvilinear forms of the adjacent riparian corridor.



Landscaped breakout spaces are to provide a series of different activity and relaxation spaces suitable for small groups or individual use.

MAIN ARRIVAL



Significant importance is attached to the building entry and forecourt area, providing breakout amenity from the lobby; an immersive landscape experience for those entering the building; and strong visual identity and symbolism relating to landscape themes that continue across the site.

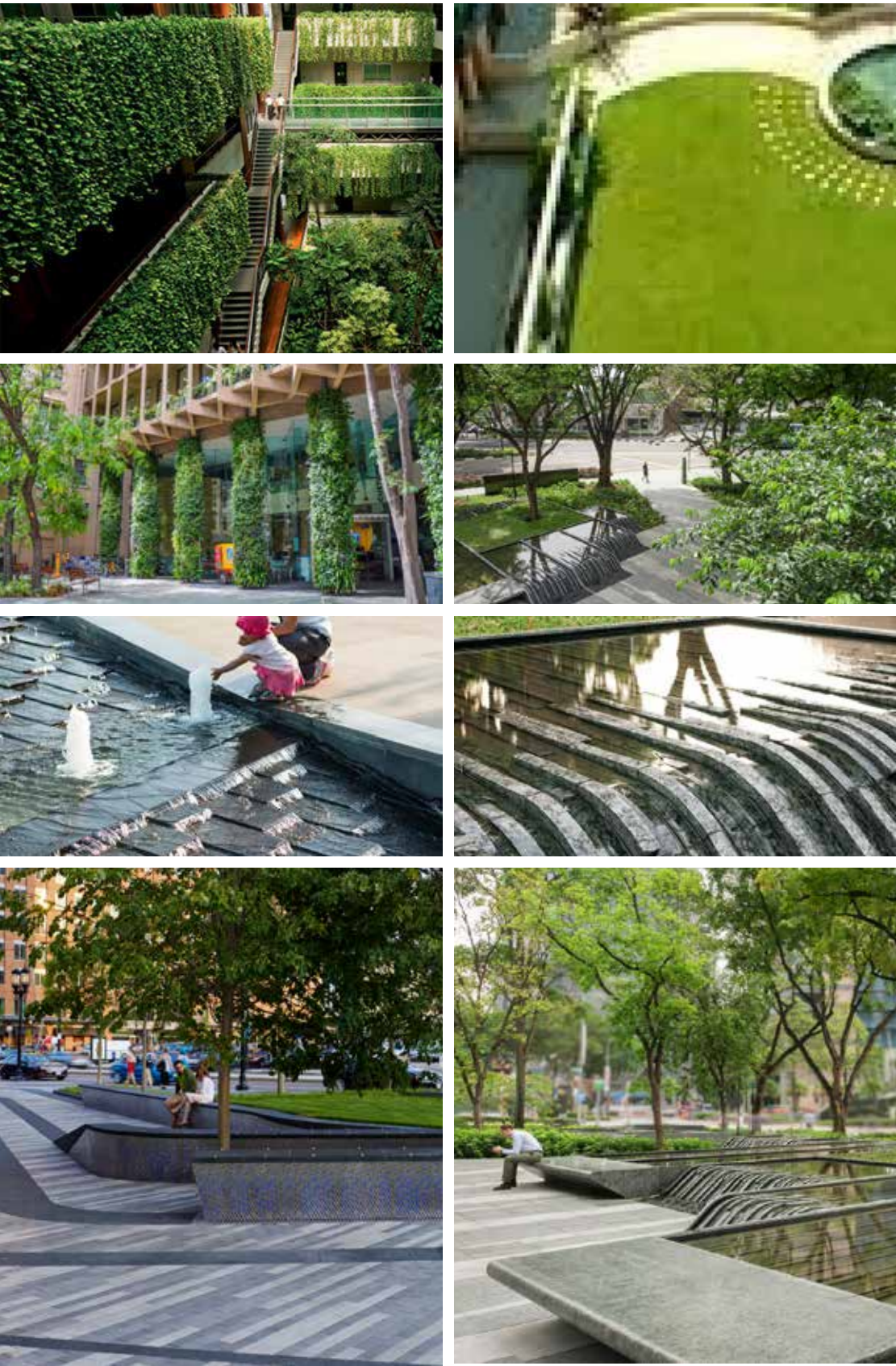
The three oval forms of water and lawn provide highly contemporary landscape forms, each tilted to face the path, and together reinforcing the strong theming of riparian pebble forms. The water features have gentle cascades of water towards the building entry to reinforce positive feng sui of positive energy moving into the building.

Deep, dense backdrop planting behind the water features and lawns is to create a lush landscape character, with further screen planting framing pedestrian arrival.



Precinct plan

- Extensive lobby landscape continues lush external / forecourt landscape
- Landscape terrace above with gardens, trees and shade structures
- Two oval shaped water features and lawn area all tilt to face entry walkway
- Principal setdown location, with link across road to access carparking
- Canopy shown dashed over provides protection to setdown through to building entry
- Extensive backdrop landscape provide lush setting for corecourt



Design Imagery

Landscape Podium Terraces



The landscape terraces are key landscape components of the development, providing a range of different amenity and relaxation / respite and recuperation areas. Signature canopy elements provide shade and reinforce the fine detailing of the area, and continue the themes of organic natural shapes and curvilinear forms. The landscape also provides green outlook from adjoining lawns, as well as privacy with planting providing separation and visual screening.



Precinct plan

Green edges to private rooms provide privacy

A diverse range of different seating / amenity areas are created by the numerous planters.

Signature / identity shade structures continue the site wide themes of organic forms / curvilinear natural shapes.

Greening of the podium edge presents green to views from below, softening the building and enticing users to the terrace areas



Design Imagery



SITE IMAGE
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ALTIS

Camden Medical Campus Precinct
Landscape Concept

Client: Gregory Hills Corporate Park Pty. Ltd. Site Image Job Number: SS19-4247
Architects: HPI Health Projects International Issue: A
With design input from: Altis Architects Date: 21.01.2020

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LANDSCAPE MASTERPLAN - List of Amendments

The landscape design proposals have changed in response to adjusted building footprints, roads and parking areas. Changes include:

- 1. Larger lawn and landscape areas resulting from driveway being removed from this area;
- 2. Open space recreation / restorative area shape changed and corner signage wall enlarged;
- 3. Changed setdown and forecourt, creating larger landscape areas, water features & forecourt;
- 4. Minor adjustment to paving patterns and garden shapes, and climbers from deep soil added to create a sustainable 'green wall', ie permanent planting with large soil volume;

- 5. Open space removed, offset by new cafe terrace to SE corner of building / podium open;
- 6. Open space relocated to create similar sized lawn area to eastern side of carpark;
- 7. Extension of riparian type landscape removed and new large island of trees and massed planting created in carpark area;
- 8. Canopy trees arrangement aligned in boundary strip planter along driveway; and
- 9. Extensive podium level landscaped terraces introduced to provide a range of amenity areas.

Approved Landscape Plan



Proposed Landscape Plan

