



# Hunter Medical Research Institute

## Landscape - Town Planning Report

PROJECT NO. 09522095.01  
DOCUMENT NO. LR-TP01 REV01  
06 AUGUST 2009

EDAW | AECOM





- LEGEND**
- EXISTING VEGETATION TO BE RETAINED
  - STEEP SLOPES REQUIRING REVEGETATION
  - EXISTING DRAINAGE LINES
  - ELECTRICITY EASEMENT
  - PRIMARY ARRIVAL / SITE FOCAL POINT
  - PRIMARY VIEWS

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7	06.08.09	TOWN PLANNING	BS	JB
6	31.07.09	TOWN PLANNING	BS	JB
5	24.07.09	TOWN PLANNING	BS	JB
4	21.07.09	SCHEMATIC DESIGN	BS	JB
3	17.07.09	SCHEMATIC DESIGN	BS	JB
2	09.07.09	ISSUED FOR INFORMATION	BS	JB
1	07.07.09	ISSUED FOR INFORMATION	BS	JB
REV	DATE	DESCRIPTION	BY	APP

DRAWN	DESIGNED	CHECKED
BS	BS	JS

KEY PLAN

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RANKIN PARK CAMPUS  
NEWCASTLE NSW

DRAWING TITLE	SITE ANALYSIS DIAGRAM
PATH NAME	FILED
DRAWING NO. L-TP01	7347
SCALE 1:500	DATE 060809
REVISION	7

**PRELIMINARY ONLY**  
NOT TO BE USED FOR CONSTRUCTION PURPOSES



LEGEND

- FORECOURT / ARRIVAL SPACE
- MAIN PEDESTRIAN CIRCULATION
- CARPARK STEPS
- SHARED PATH / CYCLE PATH
- SECONDARY PEDESTRIAN PATHS  
(CONNECTING TO EXISTING BUILDINGS)
- PEDESTRIAN BRIDGE LINK

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NEWCASTLE NSW

DRAWING TITLE

CIRCULATION DIAGRAM

PATH NAME	FILED	REVISION
L-TP02	7347	7
DRAWING NO.	DATE	
1: 500	06/08/09	

PRELIMINARY ONLY



# Landscape Vision

The vision for the Hunter Medical Research Institute landscape design is to create an indigenous landscape in keeping with the site’s natural surrounds whilst also catering to the needs of users of the existing hospital facilities and proposed Research Institute.

The steeply sloping terrain for the proposed Hunter Medical Research Institute poses a challenge for the siting of buildings and carparking. The landscape design plays an essential role in integrating the proposed development into the existing vegetation and mitigating the visual impact through planting and screening.

# Design Principles

The following design principles were used to generate the schematic landscape design:

- Utilise plant species indigenous to the area in the landscape
- Integrate landscape treatments with the existing bushland and sloped site
- Create a legible and welcoming arrival experience to the institute
- Facilitate pedestrian movement through the carpark and site
- Minimise the visual impact of the carpark area through planting
- Provide for emergency access and fire protection management within the landscape
- Provide shade through planting to minimise heat island effect

# Materials

area	material
roads and carpark drive aisles	asphalt
carpark bays	macadam (with local aggregate)
pedestrian and cycle paths	concrete
arrival area	stone of precast pavers
exterior terraces	coloured concrete
pedestrian crossings	coloured concrete
carpark stairs	metal deck or corten



Example of vertical markers and coloured paving for wayfinding



Example of light columns for wayfinding



Example of corten as folded material



Example of folded metal stair



Example of bioswales in carpark



Example of macadam surface with local aggregate in parking bays

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## KEY PLAN



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DRAWING TITLE			
CHARACTER IMAGES			
PATH NAME	DRAWING No	FILED	REVISION
L-TP-03	7347	DATE	6
SCALE 1: 500	DATE 31/07/09		

PRELIMINARY