UNSW Materials Science and Engineering Building Kensington Campus



MELBOURNE SYDNEY SHANGHAI LANDSCAPE ARCHITECTURE URBAN DESIGN DIGITAL MEDIA

Landscape Statement

This statement should be read in conjunction with ASPECT Studios' Landscape Plan.

Refer Arboriculture Report, prepared by The Ents Tree Consultancy, for arborist's assessment and advice (dated 20th August 2012).

Project Summary

ASPECT Studios was engaged in September 2012 by Grimshaw Architects to prepare a landscape package for the Materials Science and Engineering Building (MS & E Building) redevelopment within the University of New South Wales (UNSW).

The landscape scheme intends to:

- Provide a clear public entry plaza to the proposed MS & E Building
- Provide a 'green outlook' and amenity for the proposed development, to assist in integrating the MS & E Building with the surrounding UNSW fabric

- Consider the wider campus context, the Kensington Campus Development Control Plan (DCP) and the Lower and Western Campus Urban Design Framework within the arrangement of movement corridors and landscape spaces

- Use robust materials and planting species to avoid intense maintenance regimes
- Adhere to Water Sensitive Urban Design (WSUD) and Ecologically Sustainable Design (ESD) principles

Site Context



The proposed MS & E Building is located within the Kensington Campus of UNSW. The site, which currently contains a UNSW parking lot, buildings and tree plantins, is accessible by vehicle via Gate 2 / High Street. The parking lot is shaded by avenues of semi-mature and mature tree plantings, primarily *Eucalyptus microcorys* and *Araucaria heterophylla*.

The site is bound by the IO Myers Studio (D9) to the north, the Australian School of Business (E12) to the east, the Law Building (F8) and Chemical Sciences Building (F10) to the south, and the existing Material Science Engineering building (E8) to the west.

Landscape Plan

The landscape plan comprises two main parts; the first, a paved plaza surrounding the proposed MS & E Building, and the second, a large open turf area to the north of the MS & E Building.

The plaza provides a flexible, accessible paved space which frames the MS & E Building. It allows for a strong relationship between interior activities and the landscape, enabling retail spillout from the proposed ground floor cafe which overlooks the open turf area to the north. The paved plaza will ensure a robust ground plane which has an identifiable aesthetic relationship to the broader campus, allowing for clear circulation to and from the MS & E Building.

To the south of the MS & E Building, Union Road has become a shared zone, defining a strong interface between the building and the broader campus, and allowing the large pedestrian flows to freely circulate the building.

The large open lawn area to the north of the MS & E Building provides broader campus connections for staff and students, servicing the future Alumni Park / College Green and providing much needed amenity for the surrounding new developments within the campus.

Existing trees have been retained where possible new tree plantings of *Eucalyptus microcorys*. Garden beds planted with native plants collect run off from both the turf and the plaza space.

Planting

The landscape scheme proposes to retain existing trees where possible and provide new mature *Eucalyptus microcorys* stock to strengthen and enhance the character of the site as well as provide amenity for staff and students.

A rich palette of understorey planting has been selected, with the species varying throughout each of the key planting types ensuring a strong presentation of the building through the landscape along both the north and south facades. Where possible, drought tolerant and native or indigenous plants have been chosen, avoiding intense maintenance regimes.

UNSW MATERIALS SCIENCES AND ENGINEERING BUILDING - INDICATIVE PLANT SCHEDULE				
BOTANIC NAME	COMMON NAME	SPACING	POT SIZE	
TREE SPECIES				
Eucalyptus microcorys	Eucalypt	AS SHOWN	800L	
BIOSWALE SPECIES				
Baloskian pallens 'Didgery Sticks'	Native Rush	400mm	150mm	
Carex appressa	Tall Sedge	400mm	150mm	
Dianella 'Breeze'	Breeze Flax Lily	400mm	150mm	
Dianella caerulea	Flax Lily	400mm	150mm	
Dianella 'King Alfred'	King Alfred Flax Lily	400mm	150mm	
Hardenbergia violacea 'Meema'	False Sarsaparilla	400mm	150mm	
Isolepis nodosa	Knobby Club Rush	400mm	150mm	
Lomandra tanika	Lomandra	400mm	150mm	
Lomandra 'Katies Bells'	Katies Bells Lomandra	400mm	150mm	
Myoporum parvifolium 'Yareena'	Creeping Boobialla	400mm	150mm	
Poa labillardieri	Tussock Grass	400mm	150mm	



Materials Science and Engineering Building UNSW ASPECT Studios[™]

CW

Scale: 1:500 @ A3 Date: **15.11.2012**

Tree Species

North Facing Bioswale



Eucalyptus microcorys

Baloskian pallens



Dianella caerulea

Dianella 'King Alfred'

Hardenbergia viola 'Meema'

Isolepis nodosa

Carex appressa



Lomandra 'Katie Belles'



Lomandra tanika



Myoporum parvifolium 'Yareena'





Dianella 'Breeze'



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