TaylorBrammer

LANDSCAPE DESIGN STATEMENT

PROJECT	University of Wollongong Western Building
PROJECT NO	17-051W
PRINCIPAL	The University of Wollongong (UOW)
DATE	24 October 2017

INTRODUCTION

Taylor Brammer Landscape Architects were engaged as the Landscape Architect for the UOW Western Building, working in collaboration with the Client, Principal Consultant, Subconsultants and The Project Managers.

The Design process has been undertaken in several stages commencing with a thorough site analysis with particular emphasis placed on the existing trees across the site, the topography of the site and the proximity of the riparian vegetation to the south of the site. Consideration of pedestrian movement and building user needs informed the design with a strong visual connection to the landscape from within the building being paramount.

The proposed Western Building is located to the western end of the University of Wollongong (UOW) main campus. The existing site is occupied by single storey demountable buildings, which will be demolished as part of the proposed building works.

The main UOW Ring Road borders the site on the eastern side, with the recently completed UOW Early Learning Facility Building located to the east on the opposite side of this road. To the north of the site is an access road to the main western carpark on the campus, which extends along the northern and western boundaries of the site. The southern edge of the site is dominated by a vegetated riparian corridor. There are also areas of open grass on the southern portion of the site, with an existing sculpture (Bert Flugelman) located as a feature to the lawn area.

There are also a number of existing significant trees located across the site, and an Arborist Report being prepared by Ian Hills (dated: October 2017). One (1) tree in particular has been identified as a highly significant specimen (*Eucalyptus saligna,* tree number 2313).

The proposed new building has been designed with those parameters in mind, and will cater for both the School of Arts and the Molecular Life Sciences Building faculties.

The following drawings were prepared to support the architectural and design team documentation:
LC01 Landscape
LC02 Landscape Concept- Cross Sections

LANDSCAPE DESIGN

The landscape vision for this project aims to integrate this new building into the fabric of the campus while strengthening the established landscape character.

The landscape design is very much ensuring that the building respects the existing landscape character on a micro and macro level and is best explained as a series of components that all mesh together.

<u>The Entry Forecourt</u>
The entry experience to the building is celebrated with a raised courtyard that sits 750mm on the north eastern corner of the building. The space is paved in stone tile consistent with entry treatment to other areas of the main campus. A group of Eucalypt trees are informally arranged to reinforce and complement the existing Eucalypt retained to the northern side of the building. A series of curvilinear bench seats meander amongst the trees creating opportunity for people to interact and meet.

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The Eastern Facade

A paved footpath is developed to the back of the curb consistent with the eastern side of the roadway. The area between pedestrian footpath and building façade is populated with a range of both small rainforest trees intermingled with native rainforest palms. The two planting types are selected for their tall narrow form and their relationship to the existing plantings on the eastern side of the Ring Road. Underplantings will include low native shrubs and ground covers to maintain pedestrian sight line in accordance with CPTED principles.

The Northern Façade

The existing Eucalypt currently on the edge of the roadway to the north of the proposed building is considered high amenity and needs to be retained. The area between the building façade and the roadway will include a wide paved footpath creating a positive link to the western carpark. The area between footpath and building façade is planted with a range of small native rainforest trees suitable for the narrow space and consistent with the campus planting palette. Additional accessible car parking spaces are to be included to the existing northern car park facilities

The Western Ground Floor Courtyard

The north western area of the building provides access for service vehicles to provide back of house amenities. At the ground level of the north-west corner a paved and planted breakout space has been designed to admit light to the building and provide a connection with nature. A series of curved planting areas allow for larger native canopy trees to be planted on this important 'corner' of the building. Indeed most people approaching the campus from the west will have a visual connection to this particular area creating a strong first impression of the campus. A secure bicycle storage area for 13 bikes has also been integrated into this precinct to facilitate bicycle travel to the building.

Level Three Terrace

This area of the building has been designed to emphasise the views to the riparian vegetation to the south and the escarpment to the west. Raised planters along the western edge permit the planting of small trees and low underplanting to provide amelioration on the west side. A mixture of paving and artificial grass provide a sense of 'backyard' and fun to this important open space.

The Southern Garden

The shape of the building has been designed to wrap around the existing significant trees of the site. The southern and western facades are predominantly glazed to create a strong visual connection with the existing trees and riparian vegetation. Careful modulation of the typography has ensured the retention of the existing significant trees and has created a series of interesting outdoor areas for use by students, visitors and staff alike. A series of outdoor classrooms are developed adjoining the building on the eastern edge of the space while an outdoor performance area has been included at the north western corner of the space. The outdoor performance area directly relates to the creative arts function of this part of the building. The existing native Eucalypts are highly significant and have been retained and indeed are the spirit of the place. Underplantings are all native and of rainforest character and are deliberately low to ensure strong visual connection to the south to the riparian vegetation. The existing Bert Flugelman sculpture is an important artwork on the campus and is retained in its current location and is celebrated from within and from outside the building. There has been a conscious decision to have the southern garden be informal in character creating a sense of surprise and exploration rather than a predictable formalised response. The space has also been developed so that various events may be held in the garden and in some cases will be used by the public when performances are envisaged to be held inside and outside the building. This space, The Southern Garden is seen as a destination point on campus and is to be utilised by students, staff and visitors alike.

CONCLUSION

The proposed landscape design provides an exciting opportunity for visitors and users of the building to interact visually and physically with the adjoining landscape. The treatment to the entry court and the garden to the south make this area a destination for not just the users but for all age groups across the campus. While the building has a certain energy it has been finely crafted to integrate into the existing landscape and create a significant statement at the western end of the Main Campus.

EXTENT OF VEHICLE CROSSING

EXISTING CARPARK ACCESS RETAINED

CARPARKING TO ENGINEERS DETAILS

5800mm

DISH DRAIN

#02372

#02313

#02301

#02297

#02299

OSD TANK 1

OSD TANK 2

DECK 38.50

FFL 39.0

FFL 38.0

TOW 39.50

TOW 40.50

TOW 40.0

TOW 38.50

TOW 38.00

TOW 37.90

RW

EG

CON

1:10

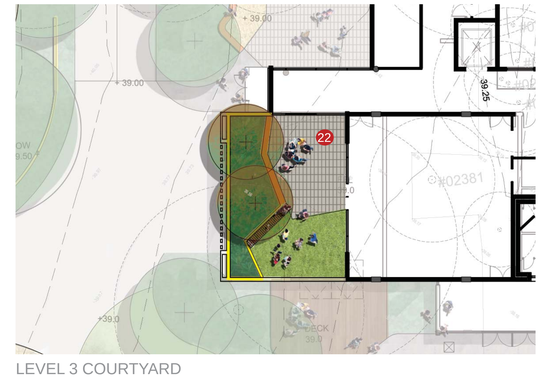
1:20

LEGEND

- EXISTING CONTOUR / PROPOSED CONTOUR (20.0 / 20.0)
- PROPOSED SPOT LEVEL (+39.0)
- EXISTING TREE RETAINED WITH TPZ (REFER TO ARBORIST REPORT)
- EXISTING TREE REMOVED (REFER TO ARBORIST REPORT)
- PROPOSED TREE
- NATIVE PALM PLANTING
- RETAINING WALL (RW)
- SEATING / SEAT WALL
- UPLIGHT
- TIMBER DECK
- STORMWATER PIT
- BIN LOCATION
- PRECAST CONCRETE ENTRY STAIRS
- BRICK PAVING
- GRANITE TILE FINISH
- CONCRETE FOOTPATH
- BITUMEN ROAD
- DECOMPOSED GRANITE PAVING
- ARTIFICIAL TURF
- TURF
- MASS PLANTING
- PLANTED SWALE
- INDICATIVE LOCATION OF MSB (E)
- ENTRY / EXIT GATE (EG)

DIALOGUE

1. Existing carpark to be retained.
2. New pedestrian link (1:20) from carpark to proposed footpath.
3. Series of 1:10 vehicle ramps allow access to a loading bay.
4. Courtyard space with seating wall and new tree planting, provide a softened edge to the building with provision for 13 secure bike parks in an enclosed structure.
5. Egress path from building to proposed footpath with informal clumps of native Blueberry Ash planting with bike parking allowance
6. Existing tree retained (*Eucalyptus saligna*) with new garden bed to base.
7. 1:20 Pedestrian footpath with adjacent stairs, provides access to the building forecourt.
8. Building forecourt- opportunities for informal seating set amongst new Eucalyptus tree plantings activate the building edge.
9. A series of staired access links through to the building from the ring road pedestrian path with palm planting through terraced garden beds to provide height to the building facade.
10. New mass planting bed provides opportunity for new tree plantings to the southern building façade.
11. New brick paving pedestrian link to the edge of the ring road.
12. 2000mm wide concrete pathway provides a pedestrian connection from the ring road to the external landscaped spaces.
13. Tiled undercroft area of the building.
14. Timber deck extends throughout a series of outdoor learning spaces.
15. Outdoor learning- artificial lawn clusters with formed concrete seat walls provide opportunity for social interaction.
16. Raised timber deck set amongst mass planting beds and existing trees retained.
17. Informal access links meander through mass planting beds.
18. Existing significant trees to be retained with new uplighting.
19. Performance deck extends from the rehearsal room with hardscape surround for performance.
20. Open turf areas reshaped to provide usable terraced spaces.
21. Existing sculpture to be retained in grass.
22. Level 3 terrace- raised garden bed provides a softened edge with small trees to screen the carpark. Tiled court with artificial lawn provide informal seating opportunities with views across to the riparian area and existing significant tree.
23. Area of low groundcover planting along edge of road to allow for vehicle overhang.
24. Paved shared crossover zone for pedestrian and vehicular movement.



LEVEL 3 COURTYARD

LANDSCAPE CONCEPT - MASTERPLAN

Project: UOW Western Building
Project No: 17-051W
Client: University of Wollongong

Drawing No: LC01
Revision: L
Date: 27.10.2017

Scale: 1:200@B1

0 4m 8 12m

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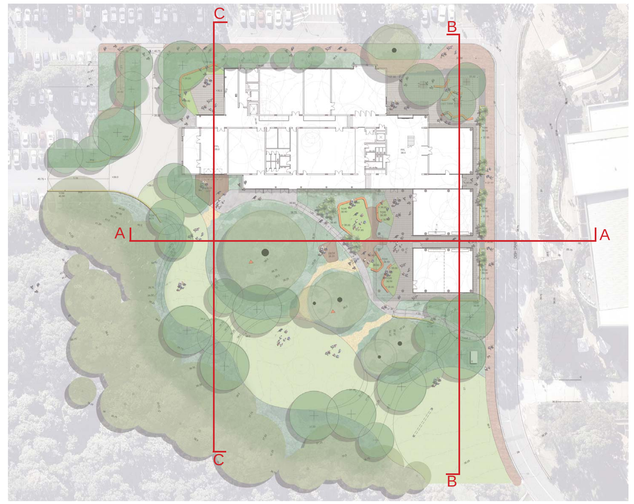
SECTION ELEVATION AA
1:200



KEY PLAN

SECTION ELEVATION BB
1:200

SECTION ELEVATION CC
1:200

INDICATIVE PLANT LIST- GROUND FLOOR

Symbol	Botanical Name	Common Name
GRASSES AND GROUNDCOVERS		
	Anigozanthus 'Bush Gem'	Kangaroo Paw
	Carex appressa	Tall Sedge
	Dianella caurulea	Flax Lilly
	Grevillea lanigera	Wolly Grevillea
	Lomandra longifolia	Spiny Head mat Rush
	Lomandra 'Tanika'	Tanika
	Viola hederacea	Ivy Leaved Violet
SHRUBS		
	Banksia ericifolia	Heath Leafed Banksia
	Banksia spinulosa 'Birthday Candles'	Banksia
	Callistemon 'White Anzac'	Bottlebrush
	Correa reflexa	Native fuchsia
	Doryanthes reflexa	Gymea Lily
	Hakea salicifolia	Willow Leaved hakea
FERNS AND PALMS		
	Archontophoenix cunninghamiana	Bangalow Palm
	Asplenium australasicum	Birds Nest Fern
	Cycas revoluta	Sago Palm
	Dicksonia antarctica	Soft Tree Fern
	Doodia aspera	Prickly Rasp Fern
	Livistona australis	Cabbage Tree Palm
TREES		
	Acmena smithii	Lilly Pilly
	Alphitonia excelsa	Red Ash
	Backhousia myrtifolia	Grey Myrtle
	Brachychiton acerifolius	Illawarra Flame Tree
	Corymbia maculata	Spotted Gum
	Elaeocarpus reticulatus	Blueberry Ash
	Eucalyptus pilularis	Blackbutt
	Eucalyptus saligna	Sydney Blue Gum
	Polyscias elegans	Celery Wood
	Polyscias murrayi	Pencil Cedar
	Syncarpia glomulifera	Turpentine
	Syzygium australae	Brush Cherry

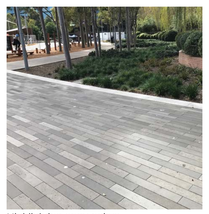
INDICATIVE PLANT LIST- LEVEL 3

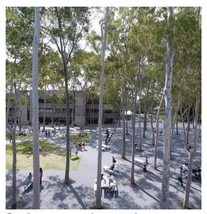
Symbol	Botanical Name	Common Name
GRASSES AND GROUNDCOVERS		
	Anigozanthus 'Bush Gem'	Kangaroo Paw
	Hibbertia scandens	Golden Guinea Flower
	Scleranthus biflorus	Cushion Bush
	Viola hederacea	Ivy Leaved Violet
SHRUBS		
	Banksia spinulosa 'Birthday Candles'	Banksia
	Correa reflexa	Native fuchsia
	Cordyline fruticosa 'Rubra'	Palm Lilly
	Kunzea ambigua	Tick Bush
	Russelia equistiformis	Coral Plant
TREES		
	Elaeocarpus reticulatus	Blueberry Ash

INSPIRATION

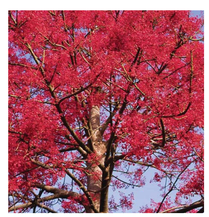

Seating opportunities


Outdoor learning spaces


Highlighting entry points


Seating amongst the canopies


Colour and texture


Feature tree planting


Native planting


Scale to building

LANDSCAPE CONCEPT - CROSS SECTIONS

Project: UOW Western Building
Project No: 17-051W
Client: University of Wollongong

Drawing No: LC02
Revision: L
Date: 27.10.2017

Scale: 1:200@B1

0 4m 8 12m

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