

THE UNIVERSITY OF SYDNEY
F07 LEES 1 BUILDING

Prepared on behalf of
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LANDSCAPE DESIGN REPORT
For Development Application

Revision C
May 2016

OCULUS

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SECTION A – DESIGN DESCRIPTION

1.0 Introduction

This report has been prepared as part of the Development Application documentation for the F07 LEES 1 Building at the University of Sydney. It describes the public domain and landscape design associated with the new building and its surrounds.

The public domain and landscape design for the F07 LEES 1 Building has been developed with reference to a number of key documents and design principles contained therein, including:

- The University of Sydney Landscape Master Plan (1993);
- Sydney University Concept Landscape Plan (2014);
- Campus Grounds Conservation Plan (2013) (GCP);
- University of Sydney Campus Improvement Plan (SSD 13_6123);
- University of Sydney Wingara Mura Strategy (2012);
- University of Sydney Lighting Master Plan; and
- CIS Landscape Standards (2013).

2.0 The Site

The site of the F07 LEES 1 Building is bounded by the Carslaw Building to the north, Eastern Avenue to the west, City Road to the south and Barff Road to the east. There is a general fall of across the site from west to east with a high point at approximately RL 34.2 near the western edge of the site adjacent to the City Road footbridge and a low point of 30.7 at Barff Road near the intersection with City Road.

There a number of existing trees within or adjacent to the site as identified in the Arboricultural Impact Assessment Report prepared by TreeIQ. The most significant of these is the row of *Ficus macrocarpa* (Moreton Bay Fig) along the City Road frontage which have been given a Very High Landscape Significance which will be retained. There are also a number of other trees of various sizes within the site including a Chinese Hackberry (which has been given a high landscape significance), three Brushbox (moderate significance), two Spotted Gum (low significance) and one Magenta Brush Cherry (low significance). These trees will be removed as part of this development as they lie within the footprint of the new building.

There are also a number of items of heritage significance as noted in the GCP, namely the metal palisade fence with sandstone base running along the edge of the site to City Road, and one of the two sandstone columns with an octagonal moulded top which form the Barff Road entry.

3.0 Public Domain

The F07 LEES 1 Building occupies a key site within the University of Sydney. Eastern Avenue forms a key north-south axis and circulation route through the Camperdown Campus, and the point where it meets City Road acts as a key entry and gateway into the University. The Sydney University Concept Landscape Plan (2014) identifies opportunities to upgrade this gateway and to provide more active frontages, outdoor classrooms, waiting/seating areas and conversation pods along Eastern Avenue. The F07 LEES 1 Building, on the eastern side of Eastern Avenue fronting City Road, along with the proposed F23 Administration building on the western side, will help define

The City Road frontage forms an important address to the University. The retention of the existing Fig trees and heritage fence along City Road, along with the landscape treatment of the area between the new building and the road, will help ensure that the heritage and landscape significance of the site is maintained.

The western edge of the site interfaces with the existing footbridge over City Road. This imposes some constraints on visual and physical access to the site from the west. The entry to the new building is required to integrate with the existing footbridge ramp landing.

The eastern edge of the site adjoins Barff Road which will be maintained as a vehicular access road for the F07 building and the campus to the north. The existing heritage fence along the western side of Barff Road will be retained with slight modification to accommodate the new loading dock entry.

4.0 Access and Circulation

The main entries to the F07 LEES 1 Building will be from the west (Eastern Avenue side) via the existing pedestrian footbridge landing and from the south-west (City Road side), underneath the footbridge. The area between the new building and City Road underneath the existing Fig trees will continue to be accessible both from the east (from Barff Road) and from the west sides.

Barff Road will act as the main vehicle route to access the F07 building and the areas of the campus to the north.

5.0 Public Domain Spaces

5.1 Eastern Avenue

The new F07 LEES 1 Building will create a much more defined interface to Eastern Avenue and along with the proposed F23 Administration Building will help to reinforce it as a major gateway to the University. The simple building form with its overhang above the existing footbridge will provide a simple and elegant treatment to Eastern Avenue and the entry space off City Road. The main entry to the building into the Level 2 foyer is also located off Eastern Avenue, accessed via a landing on the existing footbridge ramp.

5.2 City Road

The existing frontage treatment to City Road will largely be maintained with the retention of the row of highly significant existing Fig trees and heritage fence. The area between the fence and new building will be landscaped with low groundcover planting underneath the existing trees. A gravel maintenance path will be provided along the south elevation of the building constructed on top of existing levels and using a permeable material. A secondary entry to the Level 2 foyer is located at the south west corner of the building, accessed via stairs under the existing footbridge.

5.3 Barff Road

Barff Road will be maintained as a vehicle access with a loading zone at the east end of the new building coming off this. The existing sandstone column, heritage fence and asphalt footpath along the west side of Barff Road will require slight modification to provide for this.

5.4 Hardscape

The proposed hardscape treatments to public domain areas will follow the CIS Landscape Standards including:

- Granite flags for reinstatement works to Eastern Avenue (paving type P2);

- Granite Pedestrian Cobble Pavements for reinstatement works to the Eastern Avenue entry/forecourt space (paving type P4);
- Decomposed granite gravel to the maintenance path along the building frontage (paving type P6); and
- Solid granite for the main entry steps to the building (S4).

5.5 Furniture

Opportunities for new furniture within the site around the building are limited. Six external bike racks are proposed to the south-west of the building under the exiting footbridge. Where furniture elements such as bollards, bins and bike racks are used, they will follow the CIS Landscape Standards and will be carefully located to integrate with the overall public domain design.

5.6 Planting

The main area of new planting will be between the building and City Road underneath the existing Fig trees. Proposed new planting in this area will consist of low groundcover existing planting of shade tolerant species. Planting will follow the requirements noted in the CIS Landscape Standards.

5.7 Lighting

Public domain lighting will be designed to comply with relevant Australian Standards and the University of Sydney Lighting Master Plan. Overall lighting will be provided to external areas for public safety along with select feature lighting to elements such as feature trees.

5.8 Response to Wingara Mura Strategy

The public domain and landscape design will incorporate Aboriginal & Torres Strait Islander Culture and Story into the design as part of The University of Sydney's Wingara Mura strategy. This reflects the University's vision for inclusion of Aboriginal values, art and culture in all developments.

At this stage what form the indigenous art and culture will take in is still under discussion - this could be in text or imagery in landscape surfaces or elements, sculpture, planting or a combination. Examples of approaches that could be used in the final landscape design include:

- Groundplane patterns, etching and interpretation;
- Custom furniture and element design;
- Planting design;
- Public art; and
- Lighting design.

Any artwork or text will need to be worked through with the University of Sydney and the local indigenous community to insure its sensitive placement, durability, cultural relevance and appropriateness to this project.

SECTION B - SCHEDULES

B1. Indicative Plant Schedule

PLANT SCHEDULE

GROUNDCOVERS

Symbol	Species	Common Name	Quantity	Pot Size	Height	Spread	Spacing
Hh	<i>Hedera helix</i>	English Ivy	198	200mm	300mm	600mm	300mm
Lm	<i>Liriope muscari 'Evergreen Giant'</i>	Lily Turf	198	150mm	300mm	300mm	300mm
Px	<i>Philodendron xanadu</i>		88	200mm	400mm	500mm	400mm

B2. Indicative Materials Schedule

Element	Material
Paving to pedestrian areas (new & reinstatements)	Granite flags (P2); granite pedestrian cobble (P4)
Paving to Barff Road footpath (reinstatements)	Asphaltic concrete (P7)
Maintenance path	Decomposed granite (P6)
Stairs	Solid Granite (S4)
Edging to maintenance path	Untreated steel edging (E3)

B3. Drawing Schedule:

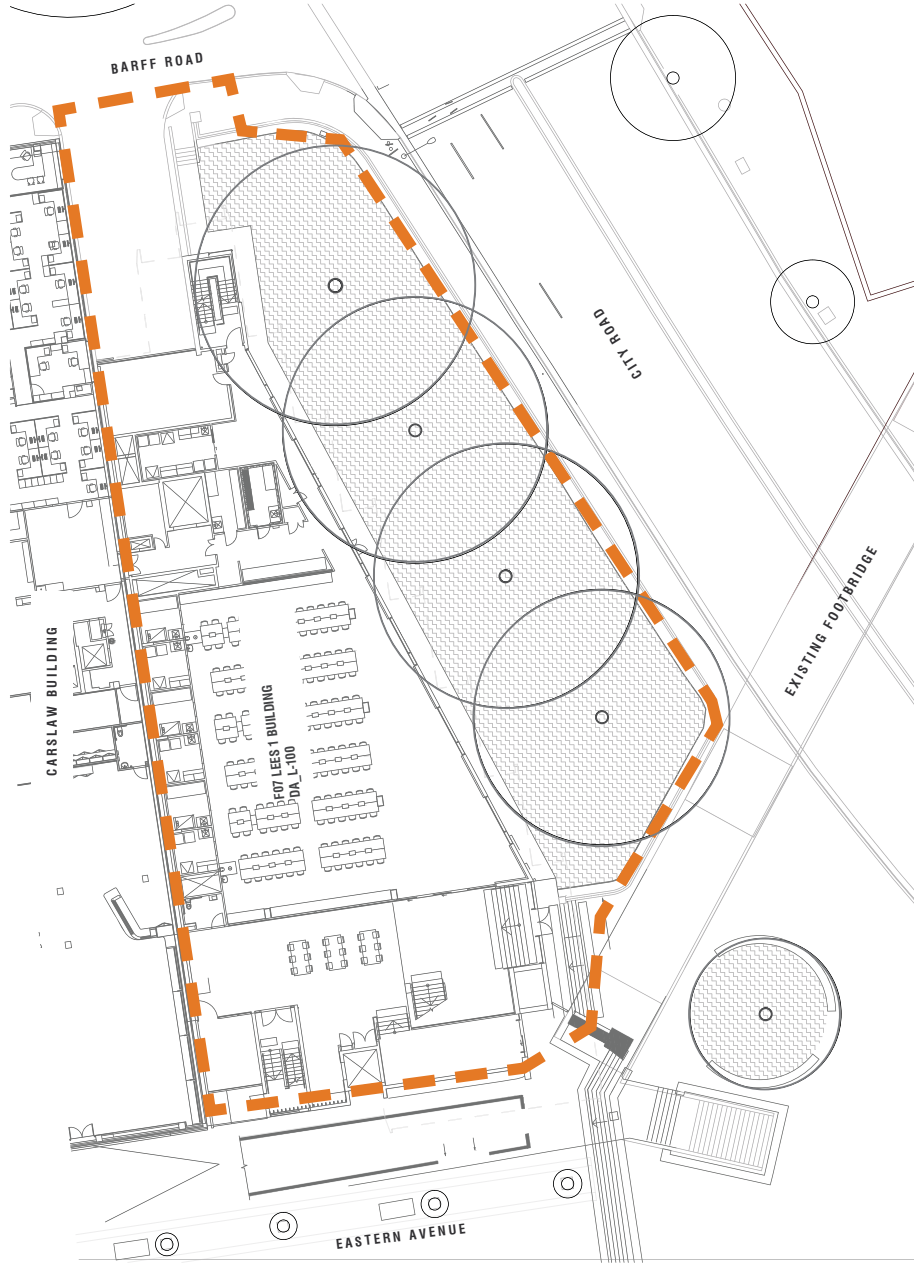
Drawing Number	Drawing Title
DA-L000	Landscape Cover Sheet
DA-L100	Landscape Plan
DA-L101	Tree Management Plan
DA-L102	Landscape Finishes Plan
DA-L200	Landscape Section
DA-L400	Precedent, Planting and Material Images Sheet

SECTION C – APPENDICES

C1. Landscape DA Drawings

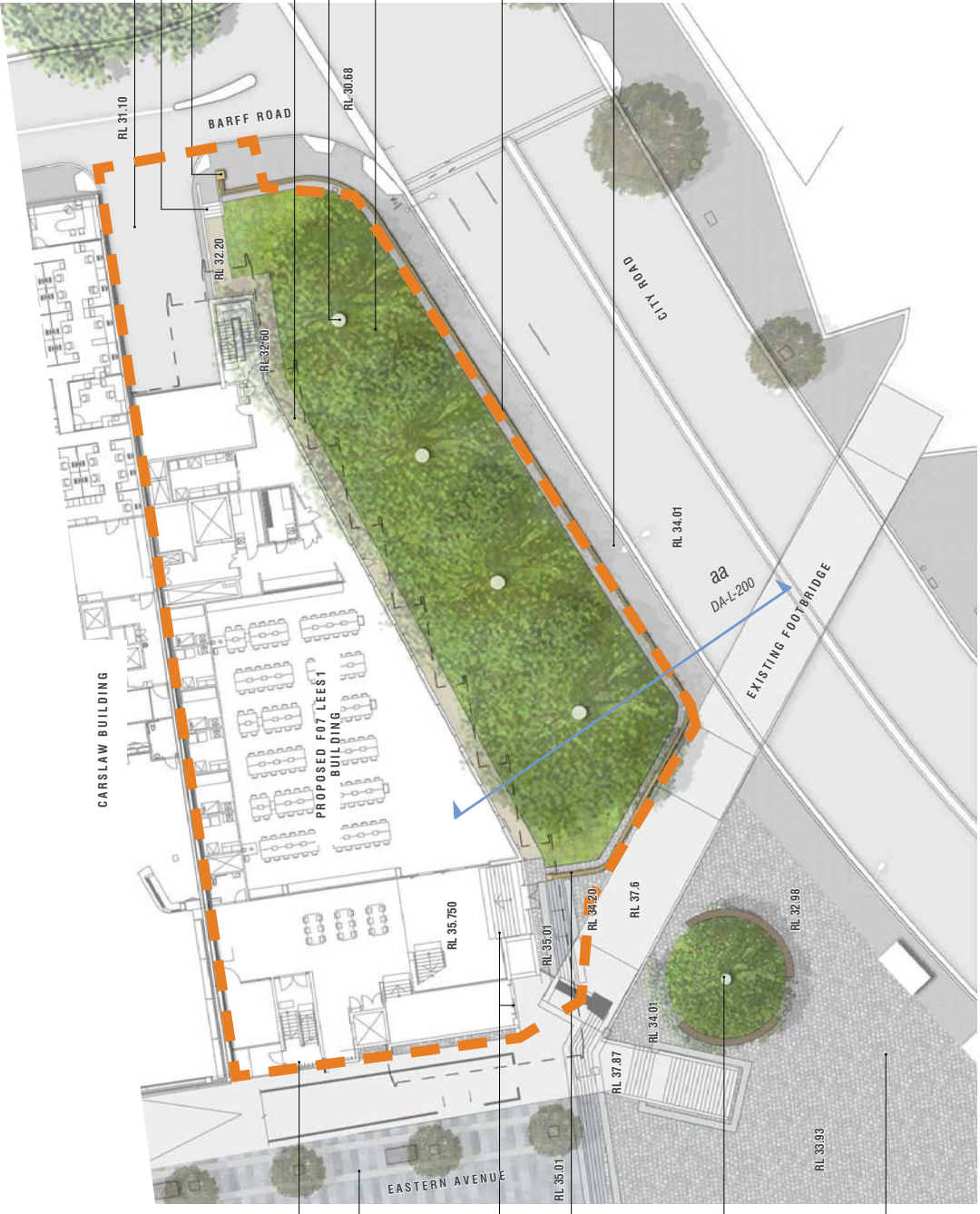
F07 LEES 1 BUILDING - UNIVERSITY OF SYDNEY

DEVELOPMENT APPLICATION LANDSCAPE DESIGN PACKAGE



DRAWING REGISTER

DWG NUMBER	TITLE
DA_L-000	COVER SHEET
DA_L-100	LANDSCAPE PLAN
DA_L-101	TREE PROTECTION / DEMOLITION PLAN
DA_L-102	LANDSCAPE FINISHES PLAN
DA_L-200	LANDSCAPE SECTIONS
DA_L-400	PLANTING AND MATERIAL IMAGES



PROPOSED BUILDING ENTRY
 EXISTING PAVING RETAINED
 PROPOSED BUILDING ENTRY
 EXISTING HERITAGE FENCE RETAINED AND REPOSITIONED
 EXISTING FIG TREE RETAINED
 EXISTING PLAZA PAVED IN GRANITE SETTS

PROPOSED LOADING DOCK
 NEW STAIRS
 EXISTING HERITAGE FENCE AND SANDSTONE COLUMN ADJUSTED
 GRAVEL PEDESTRIAN PATH
 EXISTING FIG TREES RETAINED
 EXISTING PLANTING BEDS RETAINED & SUPPLEMENTED AS REQUIRED WITH LOW GROUNDCOVER SPECIES

EXISTING HERITAGE FENCE RETAINED
 EXISTING ASPHALT FOOTPATH RETAINED

BARFF ROAD

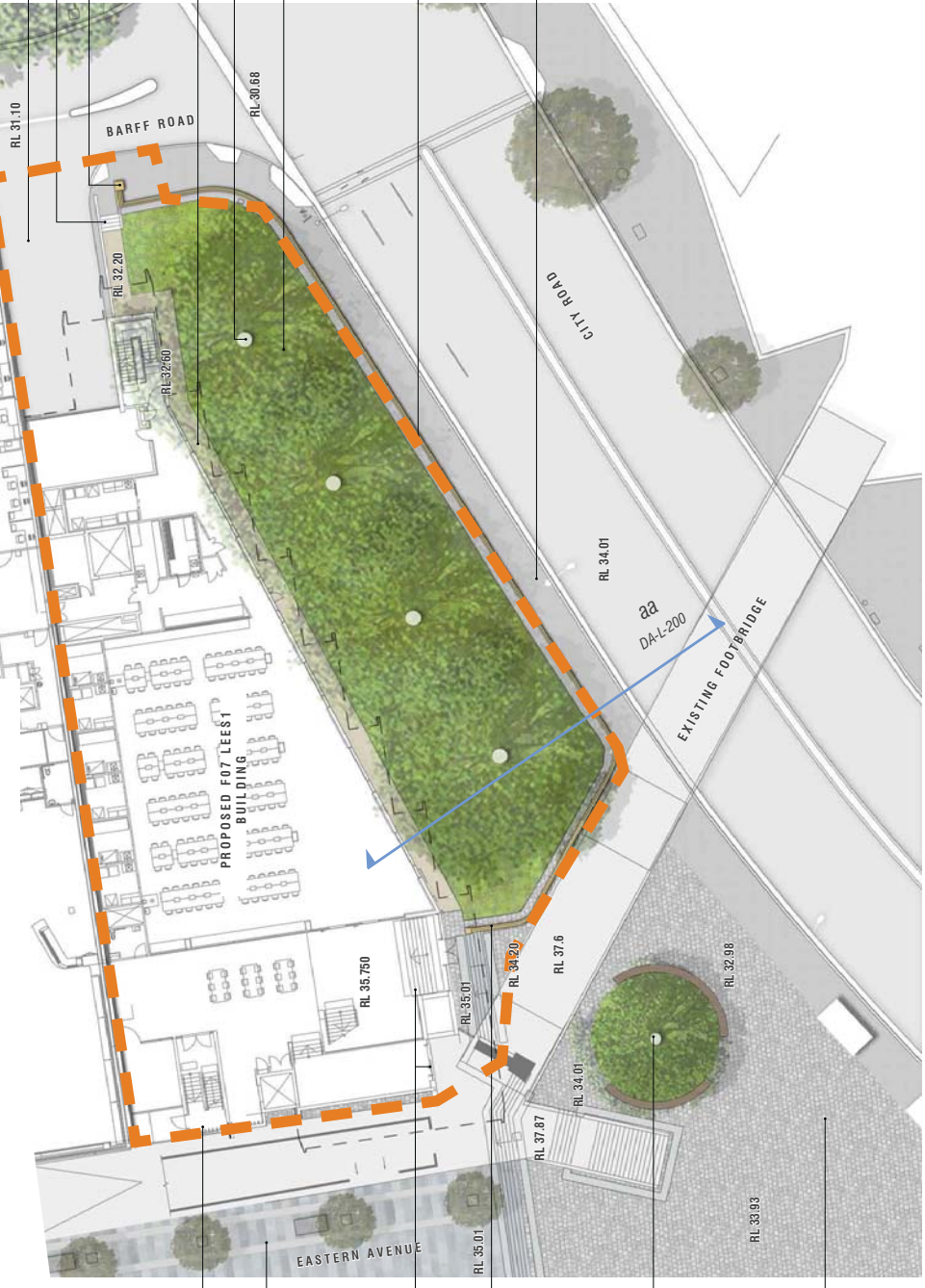
CITY ROAD

EXISTING FOOTBRIDGE

CARLAW BUILDING

PROPOSED F07 LEES 1 BUILDING

EASTERN AVENUE





LEGEND

- EXISTING TREE RETAINED
- EXISTING TREE REMOVED

NOTE: REFER TO A1A PREPARED BY TREE IQ