# McGRATH WAY AND LEVEE WALL LANDSCAPE ARCHITECTURAL WORKS

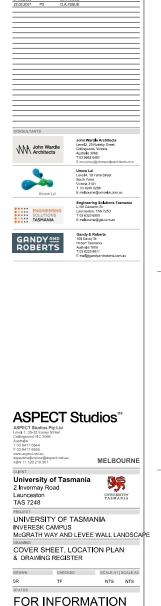
Council Meeting - Agenda Item 9.1 - Attachment 3 Plans to be Endorsed - 2 Invermay Road Invermay - 8 April 2021

# **DEVELOPMENT APPLICATION**



# DRAWING REGISTER

1 LOCATION PLAN (Source Nearmap.com)
NTS



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18041-LA-B-001 P2

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# **DESIGN STATEMENT**

This drawing package has been prepared by ASPECT Studios on behalf of the University of Tasmania as a part of the development for the Inveresk Campus in Launceston led by John Wardle Architects. The development is part of a larger northern regeneration program of the University's Inveresk campus. This document covers the landscape design proposals and the proposed modifications to the McGrath Way and the North East interface of the levee wall. The primary purpose of the DA is to highlight the required removal of 10 trees and to illustrate the landscape proposal updates as a result of tree removal. Modification to current easements and proposed updates to maintenance access along the levee wall are also highlighted.

### Tree Removal and Replacement Statement

Based on the information provided within the Arborist report we support the removal of 10 no. trees 7 x Poplus niagra italica (Polar) and 3 x Alnus jorullensis (Alder) for the following reasons:

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The existing trees are positioned close to the proposed building and landscape construction works. A significant incursion, greater than 10%, into TPZ (Tree Protection Zone) and the proximity of construction will make it difficult to fully protect the TPZ. This will result in possible impact and deterioration of the health and structural integrity of the trees, long-term.

Poplar (Populus) tree roots have very vigorous and invasive root systems. If impacted, some poplar species roots may also send out suckers, resulting in additional, poorly structured trees that will result in additional maintenance requirements to ensure the suckers are continually removed so as to not pose a safety risk.

Poplar (Populus) trees have a relatively short life span compared to other tree species. Typically, Poplar trees have a lifespan of up to 50 years. As these are already mature trees, they may be nearing their lifespan and may need to be removed in the near future. The arborist report is not specific on age or lifespan of these trees but does note that major works will contribute to their decay if retention is considered.

Poplar and Alder trees are native to the Northern Hemisphere from mostly temperate climates. We propose to consider the installation of a semi mature native tree species to replace the removed trees that will provide greater biodiversity and will increase the genus biodiversity of the campus. The proposed native tree species would be selected to be resilient to climate change to ensure long term viability of the trees. The proposed trees will be co-ordinated with council officers.

The existing trees provide very little canopy and shade cover. Newly proposed trees would be selected to provide greater canopy cover which will be a greater amenity for the campus users and provide relief from the urban heat island effect.

### Cultural significance

The existing exotic Poplar and Alder trees are currently located alongside the proposed Riuwunna garden. The proposed garden is intended to culturally and physically support the relocation of Riawunna from the Newnham Campus to the Inveresk Campus. To demonstrate the University and Council's considered approach and actions to support the Reconciliation process, the proposed, with the addition of selected native trees, is a positive step and action addressing the University's Strategic Plan for Aboriginal Engagement 2017-2020.





MEL BOURNE

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UNIVERSITY OF TASMANIA INVERESK CAMPUS

McGRATH WAY AND LEVEE WALL LANDSCAPE

DESIGN STATEMENT

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### LEGEND

### GENERAL EXTENTS

--- LEASE BOUNDARY - - EXTENT OF WORKS \_\_\_ \_ PROPOSED EASEMENT

- - EXISTING EASEMENT

### PAVEMENTS & SURFACES

PV01



EXPOSED AGGREGATE INSITU CONCRETE PAVING | VEHICLE GRADE

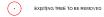








## SOFTSCAPE & PLANTING





EXISTING TREE TO BE PROTECTED AND RETAINED



SEMI-ADVANCED TREE



RIAWUNNA GARDEN PLANTING MIX



BIOREGION PLANTING MIX



LAWN



LEVEE WALL PLANTING MIX

# GRADING CODE



NOTES

Check all dimensions and site conditions prior to commencement of any work, the purchasing or ordering of any materials, fitting, glant services or equipment and the fabrication of any components.





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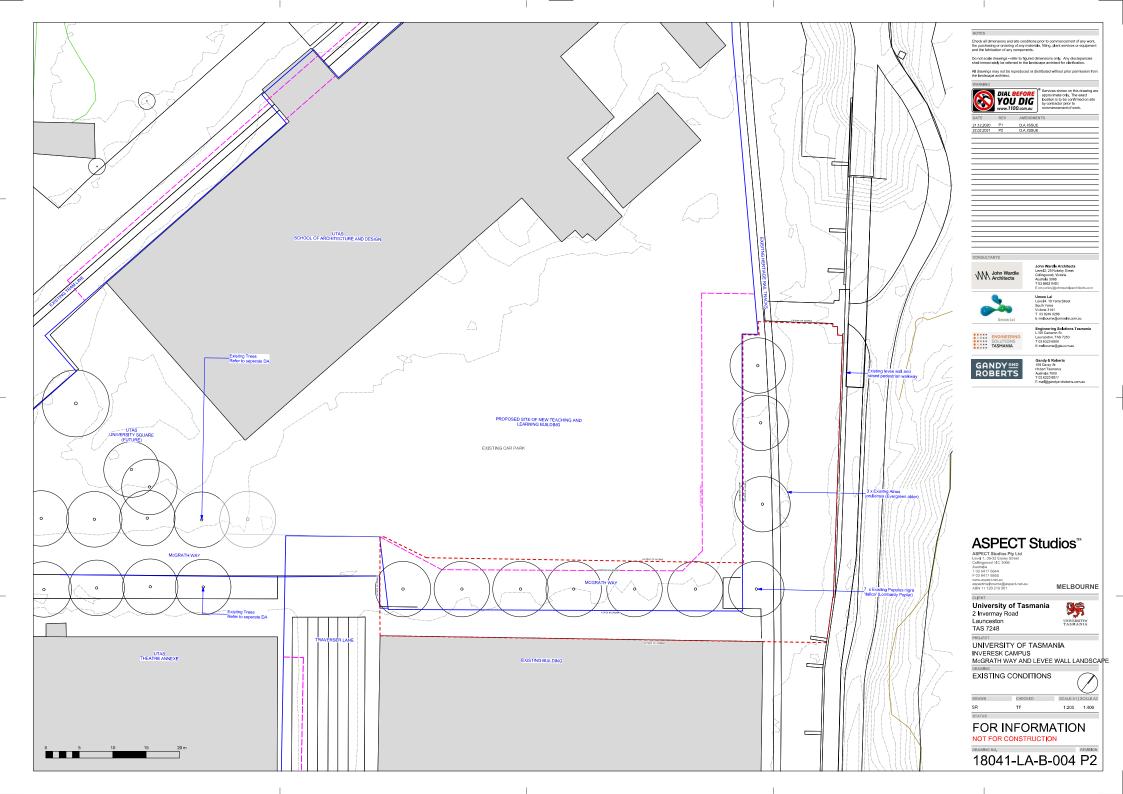
INVERESK CAMPUS McGRATH WAY AND LEVEE WALL LANDSCAPE

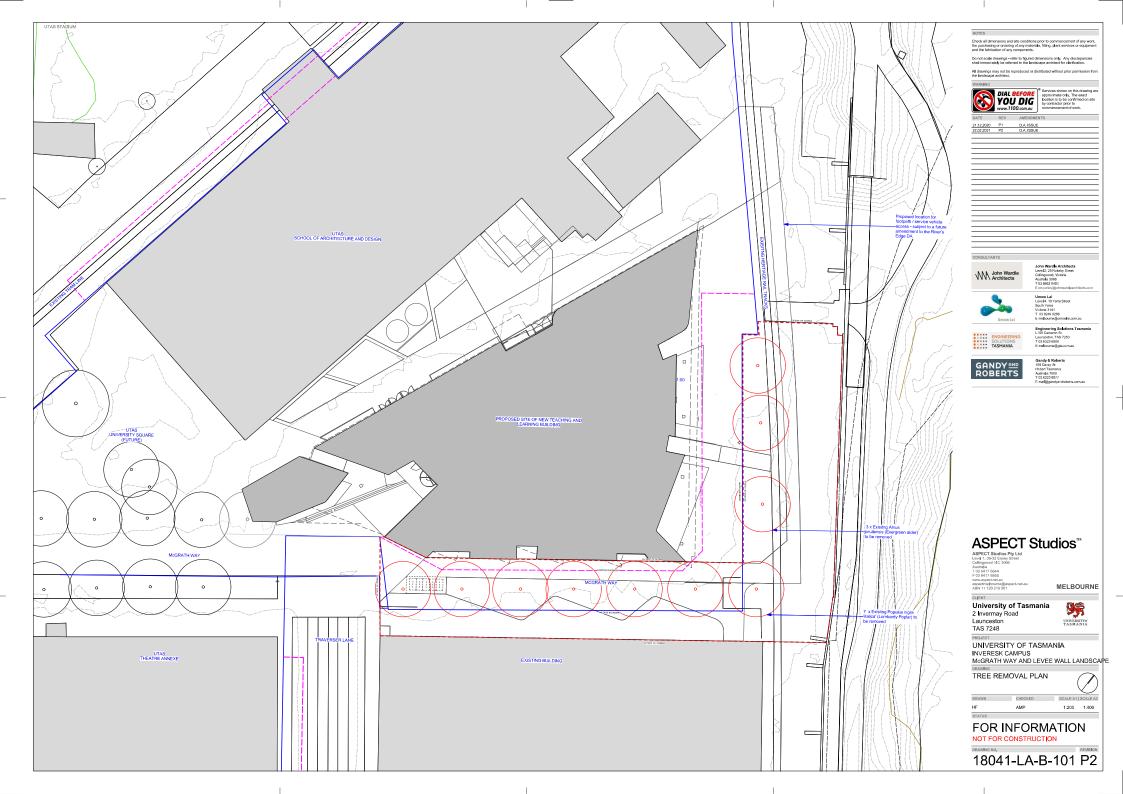
OVERALL LEGEND

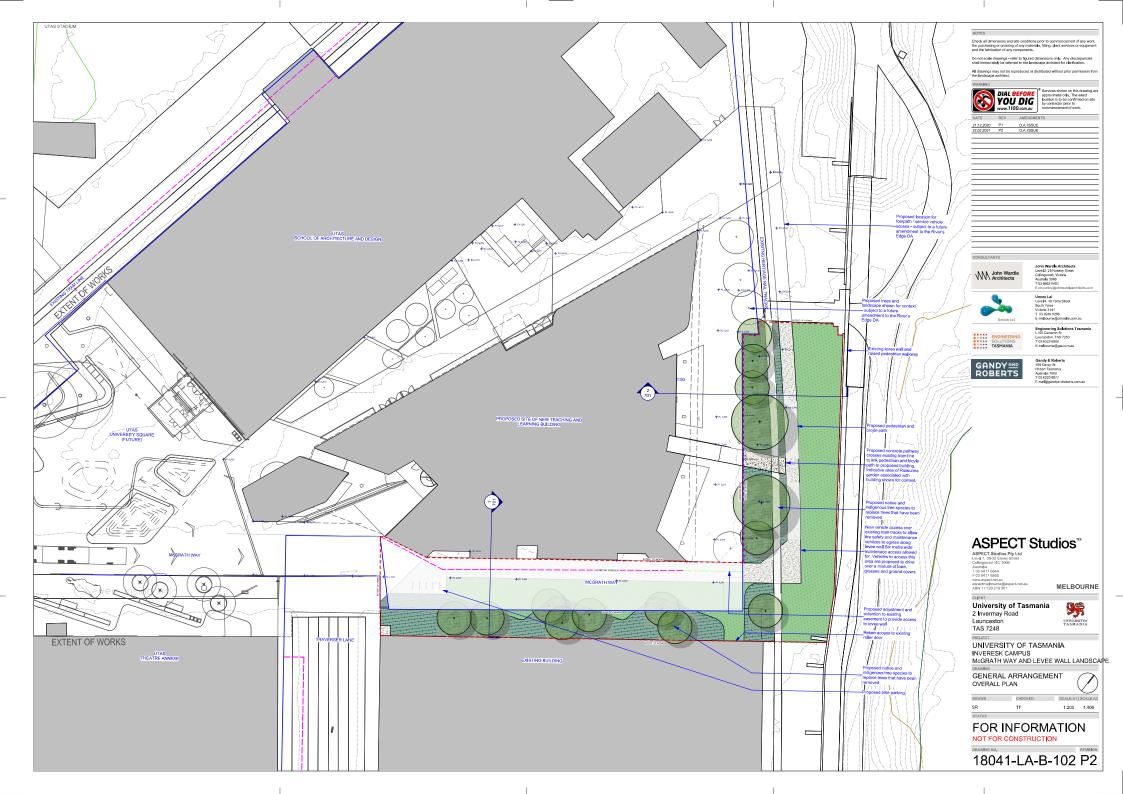
CHECKED SCALE A1 | SCALE A3

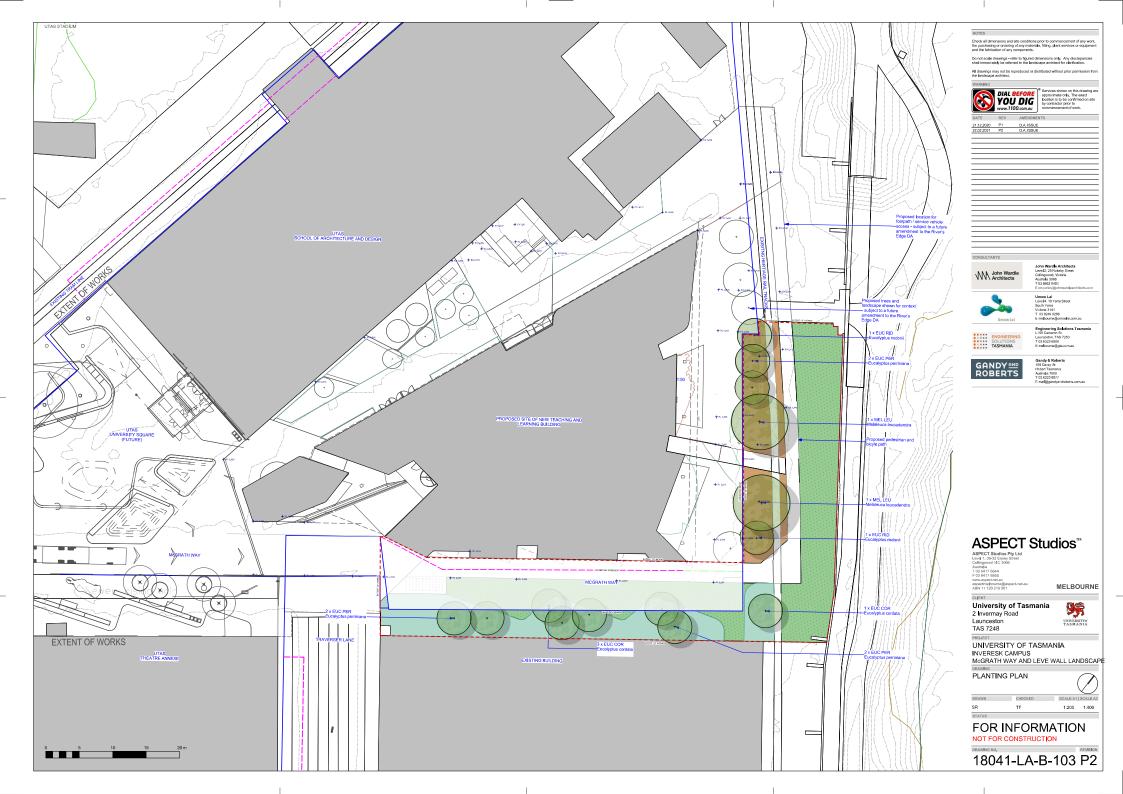
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Code	Botanical Name	Common Name	Mature Size (H x W)	Density (per m2)
Trees				
EUC COR	Eucalyptus cordata	Heart Leaved Silver Gum	15 x 7m	as shown
EUC.OVA	Eucalyptus ovata	Swamp Gum	20 - 25m	as shown
EUC PER	Eucalyptus perriniana	Spinning Gum	5.0-10.0 x 6.1m	as shown
EUC RID	Eucalyptus risdonii	Ridson Peppermint	5.0-15.0 x 6.0m	as shown
MEL LEU	Melaleuca leucadendra	Weeping Paperbark	20 x 10m	as shown
Riwunna Cultura	I Garden Planting Mix			
Dre	Dichondra repens	Kidney Weed	0.2 x 0.6	5/m2
Cal	Correa alba	White Correa	0.9 x 0.9	5/m2
Cro	Carpobrotus rossii	Pigface	0.2 x 0.9	5/m2
Llo	Lomandra longifolia	Sagg	0.6 x 0.6	5/m2
Мра	Myoporum parvifolium	Carpet Spreading Myoporum	0.2 x 0.75	5/m2
Dta	Dianella tasmanica	Flax Lily	0.75 x 0.6	5/m2
Plb	Poa labillardieri var. labillardieri	Tussock Grass	0.75 x 0.75	5/m2
Ppo	Poa poiformis	Coastal Poa	0.75 x 0.75	5/m2
Bioregion Plantir	ng Mix			
Dre	Dichondra repens	Kidney Weed	0.2 x 0.6	5/m2
Plb	Poa labillardieri var. labillardieri	Silver Tussock Grass	0.75 x 0.75	5/m2
Hpr	Hibbertia procumbens	Spreading Guineaflower	0.15 x 0.30	5/m2
Dta	Dianella tasmanica	Flax Lily	0.75 x 0.6	5/m2
Dbr	Dianella brevicaulis	Shortstem Flax Lilt	0.75 x 0.6	5/m2
Psu	Pratia surrepens	Mud Pratia	0.2 x 0.6	5/m2
Eim	Epacris impressa	Common Heath	1.5 x 1.5	5/m2
Ofe	Ozothamnus ferrugineus	Tree Everlasting	1.0 x 3.0	5/m2
Bnu	Blechnum nudum	Fish-bone Water Fern	1.0 x 0.6	5/m2

NOTES

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DIAL BEFORE VOU DIC www.1100.com.au



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INVERESK CAMPUS McGRATH WAY AND LEVEE WALL LANDSCAPE

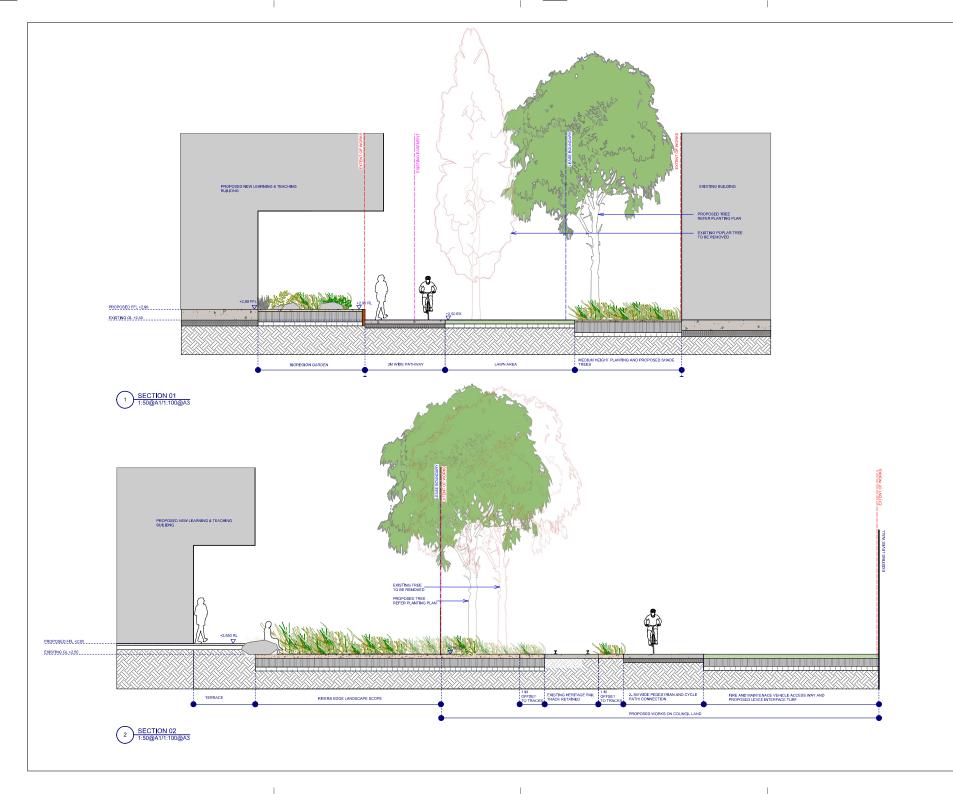
PLANTING SCHEDULE

CHECKED SCALE A1 | SCALE A3

FOR INFORMATION

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INVERESK CAMPUS McGRATH WAY AND LEVEE WALL LANDSCAPE

SECTIONS & ELEVATIONS SHEET 1

1:50 1:100

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