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# Landscape Document

University of Newcastle  
HCCD Stage 1A  
Honeysuckle Drive, Newcastle



## Introduction

The site falls within the 'Honeysuckle precinct' of Newcastle City Council's City Centre Public Domain Technical Manual 2014. The project site is described as Honeysuckle West. The project site is at the corner of Honeysuckle Drive and the Worth Place.

This design statement has been prepared in accordance with City of Newcastle (CoN) DCP 2012, the OCULUS – Honeysuckle City Campus Public Domain Plan Report, September 2019 and the Honeysuckle Public Domain - draft Technical Manual.

The project Site for Newcastle Honeysuckle Campus Stage 1A is ideally located at the nexus of new waterfront development and the shaking of the old industrial port label and past industrial uses combined with the urban grit of the CBD.

## Site characteristics

The site is registered as Lot 1, DP 11633446.

The site is 48 m long x 57 m wide at its widest and around 2400 square metres in area as building adjacent landscape and about 865 sqm of south eastern landscape square. The site is generally flat.

The existing Honeysuckle drive and Worth Place roadway links the site from Hunter Street to the south and Newcastle Station to the West. Also, a visual and potential pedestrian access links the site to the light railway station at the south western corner.

There is no existing endemic vegetation or tree planting on site. Good views are possible from the site towards the harbour from north west and towards light rail corridor at south west. Solar access will be maintained over the site as the adjoining developments are not very high.

Land use in the immediate area is primarily split between residential and commercial spaces.

## Design constraints

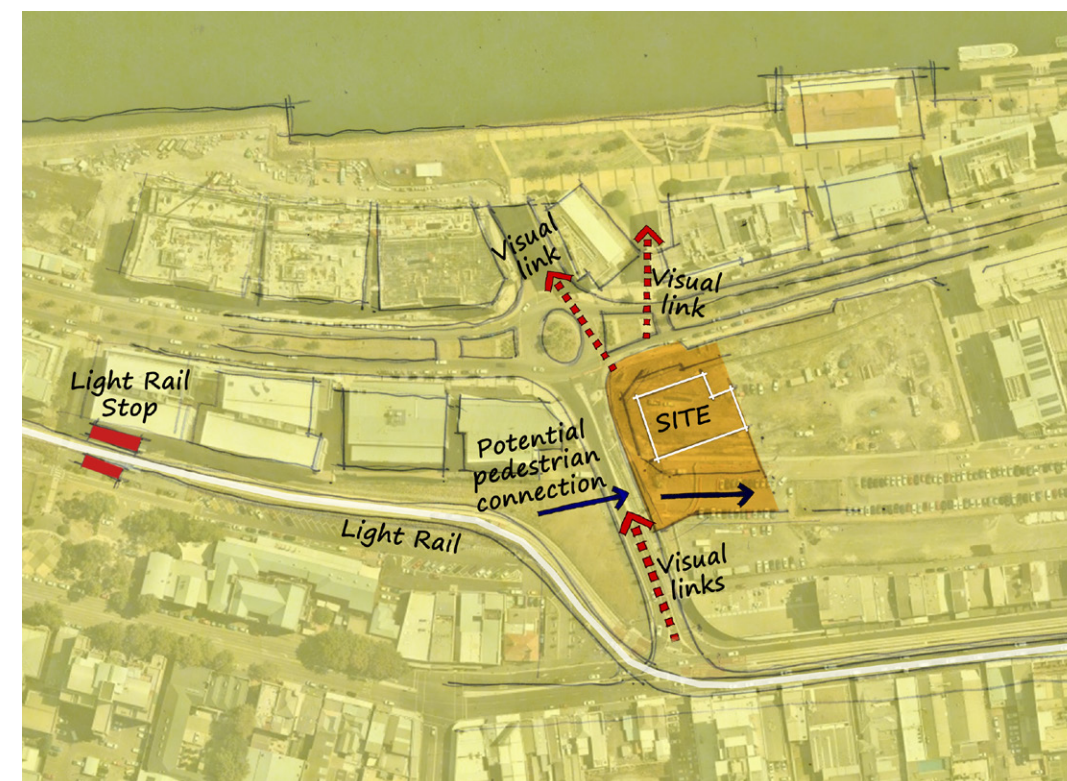
A number of design constraints exist on the site and have been addressed in the proposed site design.

### Stormwater floodway – overland flow:

The Worth Place road adjoining the site at the western boundary provides a stormwater overland flow path that must be retained through the site to the harbour edge. This floodway level of RL1.3 has been retained. The Flood Planning Level in this area is the 1% AEP flood level plus 370mm free-board which equates 2.80m AHD. Filling of the site will therefore be required to achieve the required minimum floor levels.

## Visual access

The site is visually linked with harbour to the north, the cultural heritage to the east, and the urban grid to the south. The development will contribute to, and integrate with the evolving built form of the Honeysuckle area. Tree planting on footpath and southern landscape court will soften and enhance the facade from some view points.



REV	DATE	COMMENTS
2	28/02/2020	

PROJECT:  
**HCCD Stage 1A**

DRAWING:

SITE:  
**Honeysuckle Drive  
Newcastle West**

CLIENT:  
**University of Newcastle**

DRAWN: MA	DATE: 28/02/2020	SCALE:
JOB NUMBER: <b>12749.5</b>	PHASE: <b>TD</b>	DWG No: <b>L</b>
		REV: <b>2</b>



## Design principles

The design has been based on the general principles of Public Domain Plan concepts, visual & physical linkages and historical reference of this area.

### Historic Overlay - Indigenous Landscape

Newcastle is known to local Aboriginal people as Muloobinba, while the Hunter River is known as Coquon. Shellfish were harvested for thousands of years, their discarded shells formed enormous middens in this area which became Very common histroical reference of this area of Meekarlba (Honeysuckle).

Those shape of the shell middens inspired the basic shapes for the site which translated into circulation and softscape lines for the landscape layout.

### Soft landscape and planting

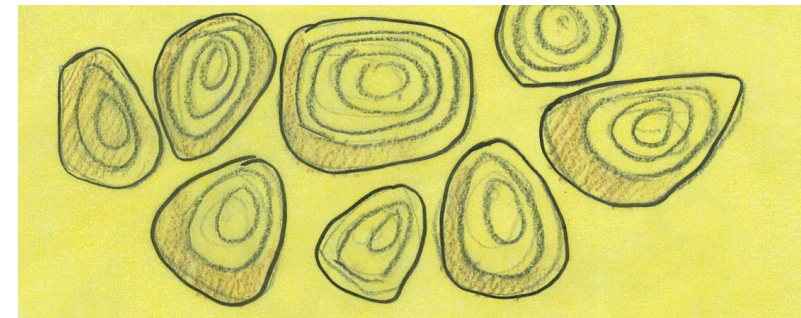
The design incorporates areas of soft landscape within the active circulation areas to enhance the visual appearance and provide a soft barrier from the roads around the site. Small mass planting island areas with some feature seating has been included to permit small outdoor talk .Trees incorporated in footpath to provide shade and accent trees used to strengthen visual link.

Planting using predominantly native species has been incorporated throughout the softscape area to create notion of connectedness with the bushland or landscape of the Callaghan Campus Design. Consideration has been made to permit some visual permeability through the site and view corridors have been established to enhance visual linkage.

All new planting shall be planted in new imported soil. All areas of planting shall be provided with an irrigation system to enhance the quality of the landscape.

### Steps around the building

The building footprints needed to be elevated above the flood level which enabled to design wide seating steps around the building in order to create a more accessible public space and to connect the building to the city. The subtle, but meticulous, detail design provides functionality to a space designed for durability. The materiality of the project consists of concrete, recycled plastic, granite paving, expressive metal paving inlay and vegetation. The inherent colours of these materials and the context provide the basis for the colour palette.



REV	DATE	COMMENTS
2	28/02/2020	

PROJECT:  
**HCCD Stage 1A**

DRAWING:

SITE:  
**Honeysuckle Drive  
Newcastle West**

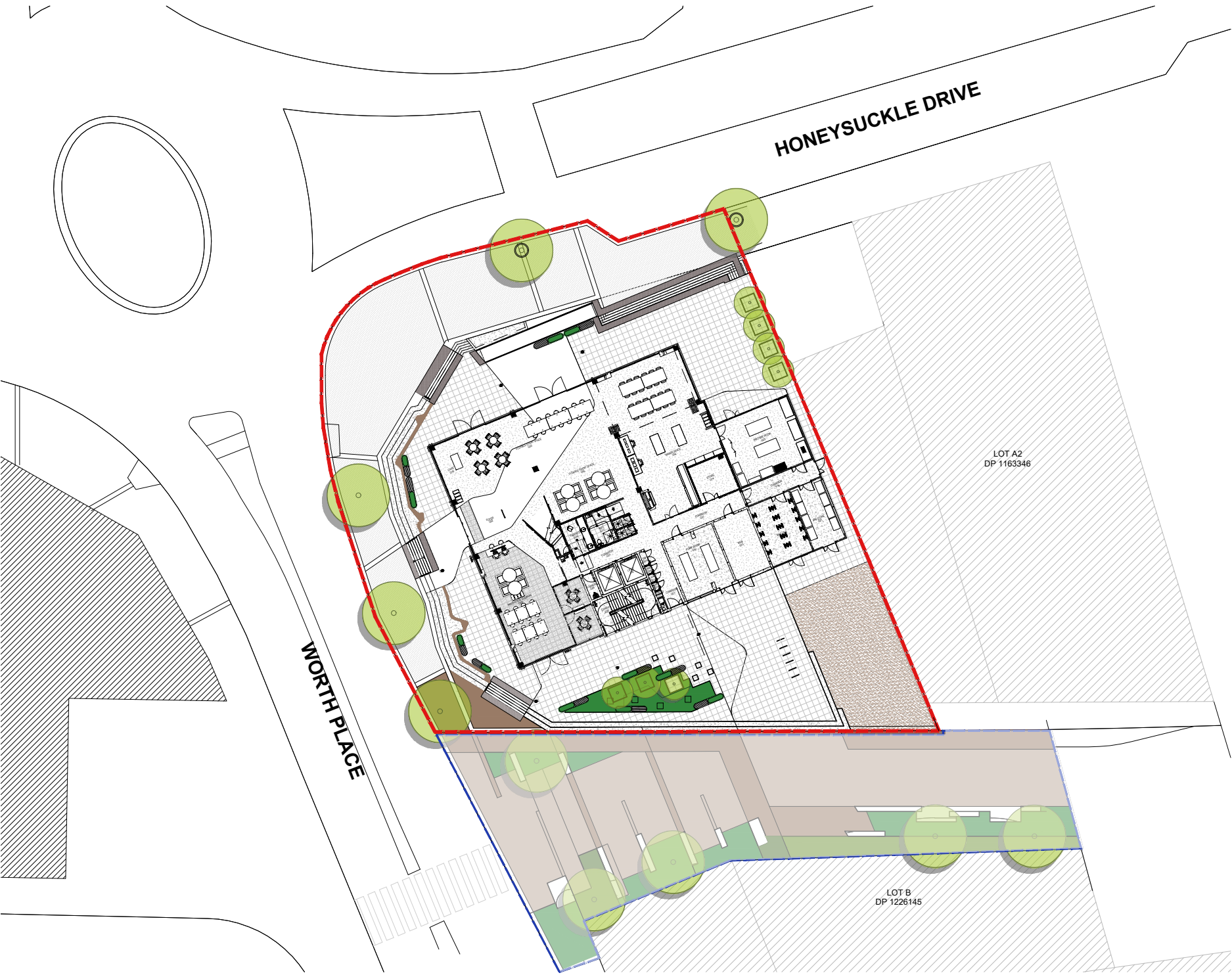
CLIENT:  
**University of Newcastle**

DRAWN:	DATE:	SCALE:
MA	28/02/2020	
JOB NUMBER:	PHASE:	DWG No:
<b>12749.5</b>	<b>TD</b>	<b>L</b>
		<b>2</b>

# Landscape Document

HCCD STAGE 1A

# L03



## LEGEND

Site extent

Public domain  
for future:  
outside scope

Note: Public domain is  
out of scope  
It is concept for  
future development

2 28/02/20 revisions

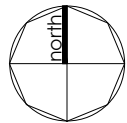
PROJECT:  
HCCD STAGE 1A

SITE:  
Honeysuckle drive  
Newcastle west

CLIENT:  
University of Newcastle

DRAWN: MA DATE: 28/02/20 SCALE: 1:500

JOB NUMBER: 11749.5 TD L03 2







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REV	DATE	COMMENTS
2	28/02/20	revisions

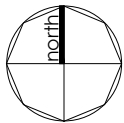
PROJECT:  
**HCCD STAGE 1A**

SITE:  
**Honeysuckle drive  
Newcastle west**

CLIENT:  
**University of Newcastle**

DRAWN: MA DATE: 28/02/20 SCALE: 1:300

JOB NUMBER: 11749.5 TD L04 2 PHASE: DWG No: REV:



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# Landscape Document

HCCD STAGE 1A

# L05

## LEGEND

- PLINTH AREA PAVING:  
CONCRETE PAVING  
REFER ARCHITECTURE
- PAVEMENT TYPE 2  
COLOURED CONCRETE MIDDEN  
REFER ARCHITECTURE
- PAVEMENT TYPE 3  
COLOURED CONCRETE BAND  
REFER ARCHITECTURE
- PUBLIC DOMAIN PAVING:  
GRANITE
- BRUSHED CONCRETE  
PAVING
- MASS PLANTING  
REFER PLANTING PALETTE
- SEATING 1: 2200 MM LONG  
RECYCLED PLASTIC/WOOD  
ON GRC CONCRETE.  
PLANTER COMBINATION:  
NOM. SUPPLIER QUATRO
- SEATING 2: 3000 MM LONG  
RECYCLED PLASTIC/WOOD ON  
GRC CONCRETE. PLANTER  
COMBINATION:  
NOM. SUPPLIER QUATRO DECO
- SEATING 3: 500 MM CUBE  
STONE BLOCK/CONCRETE  
BLOCK SEAT AS PUBLIC  
DOMAIN: QUATRO POD OR  
SIMILAR
- PUBLIC DOMAIN  
PAVING: CONCRETE  
WITH STONE BAND  
SAME AS OPPOSITE SIDE  
FOOTPATH
- HANDRAIL:  
STAINLESS STEEL
- TI- WARNING DISCRETE  
Tactile ground surface  
indicator, polyurethane  
25mm single stem, black
- STAIR NOSING  
Aluminium/PVC insert  
colour black
- METAL INLAY IN PAVING
- CONCRETE TIER SEATING  
REFER ARCHITECTURE
- BIKE RACK:  
COSA Bike Rack - CBR 4/F  
316 Stainless steel - electro-polished  
finish
- TREES  
REFER PLANTING PALETTE
- SCOPE EXTENT

2 28/02/20 revisions  
REV DATE COMMENTS

PROJECT:  
**HCCD STAGE 1A**

SITE:  
**Honeysuckle drive  
Newcastle west**

CLIENT:  
**University of Newcastle**

DRAWN: MA DATE: 28/02/20 SCALE: 1:200  
JOB NUMBER: 11749.5 TD L05 2  
PHASE: DWG No: REV:

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03

LANDSCAPE LAYOUT: PART 1  
landscape plan

N



# Landscape Document

HCCD STAGE 1A

# L06



## LEGEND

- PLINTH AREA PAVING: CONCRETE PAVING REFER ARCHITECTURE
- PAVEMENT TYPE 2 COLOURED CONCRETE MIDDEN REFER ARCHITECTURE
- PAVEMENT TYPE 3 COLOURED CONCRETE BAND REFER ARCHITECTURE
- PUBLIC DOMAIN PAVING: GRANITE
- BRUSHED CONCRETE PAVING
- MASS PLANTING REFER PLANTING PALETTE
- SEATING 1: 2200 MM LONG RECYCLED PLASTIC/WOOD ON GRC CONCRETE, PLANTER COMBINATION: NOM. SUPPLIER QUATRO
- SEATING 2: 3200 MM LONG RECYCLED PLASTIC/WOOD ON GRC CONCRETE, PLANTER COMBINATION: NOM. SUPPLIER QUATRO DECO
- SEATING 3: 500 MM CUBE STONE BLOCK/CONCRETE BLOCK SEAT AS PUBLIC DOMAIN: QUATRO POD OR SIMILAR
- PUBLIC DOMAIN PAVING: CONCRETE WITH STONE BAND SAME AS OPPOSITE SIDE FOOTPATH
- HANDRAIL: STAINLESS STEEL
- TI-WARNING DISCRETE: Tactile ground surface indicator, polyurethane 25mm single stem, black
- STAIR NOSING: Aluminium/PVC insert colour black
- METAL INLAY IN PAVING
- CONCRETE TIER SEATING REFER ARCHITECTURE
- BIKE RACK: CORA Bike Rack - CBR 4 ft 316 stainless steel - electro-polished finish
- TREES REFER PLANTING PALETTE
- SCOPE EXTENT

REV	DATE	COMMENTS
2	28/02/20	revisions

PROJECT:  
HCCD STAGE 1A

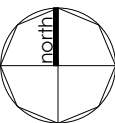
SITE:  
Honeysuckle drive  
Newcastle west

CLIENT:  
University of Newcastle

DRAWN: MA DATE: 28/02/20 SCALE: 1:200  
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PHASE: DWG No: REV:

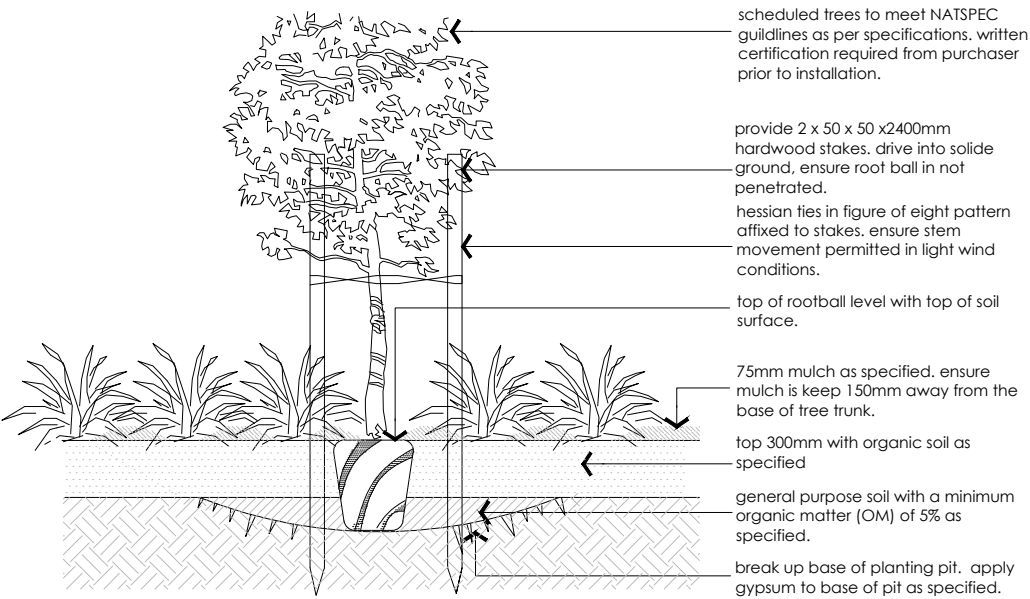
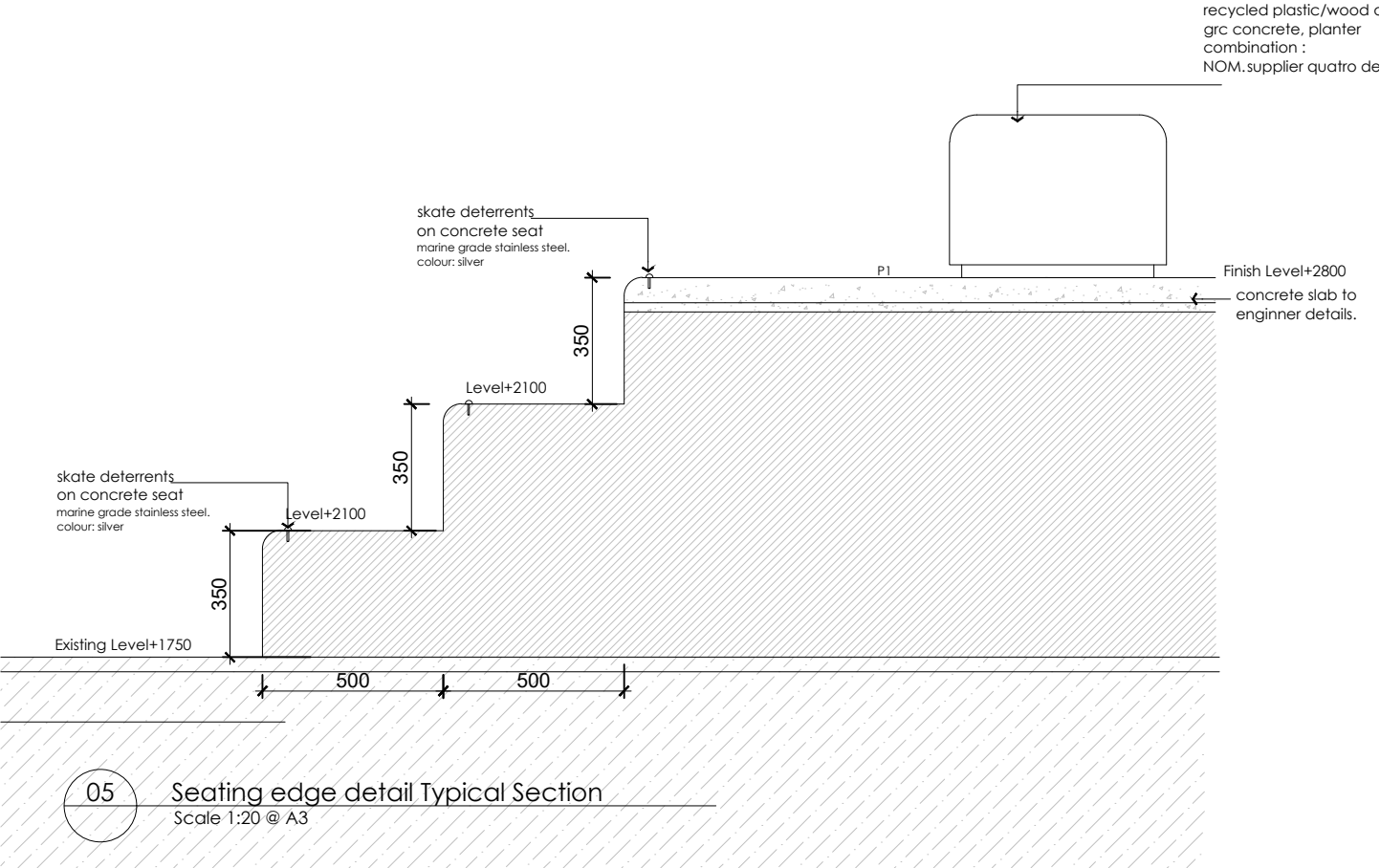
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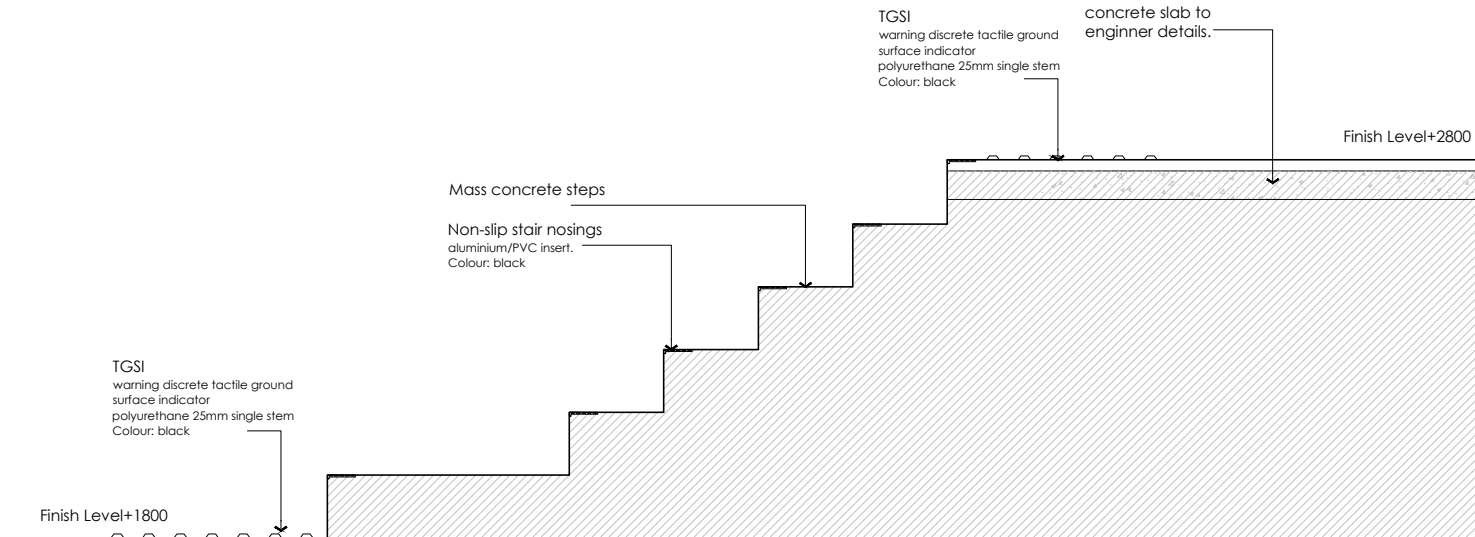


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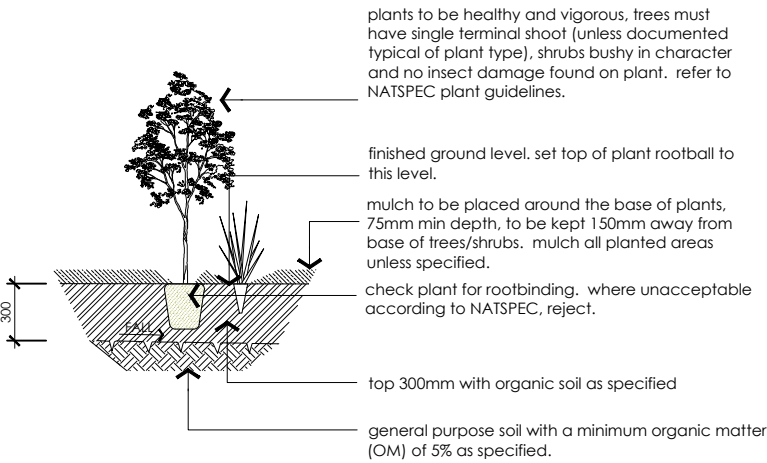
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07 Tree in Mass Planting Typical Section  
Scale 1:40 @ A3



06 Step detail:Typical Section  
Scale 1:20 @ A3



08 Mass Planting Typical Section  
Scale 1:40 @ A3

2	28/02/20	revisions
REV	DATE	COMMENTS

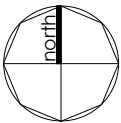
PROJECT:  
**HCCD STAGE 1A**

SITE:  
**Honeysuckle drive  
Newcastle west**

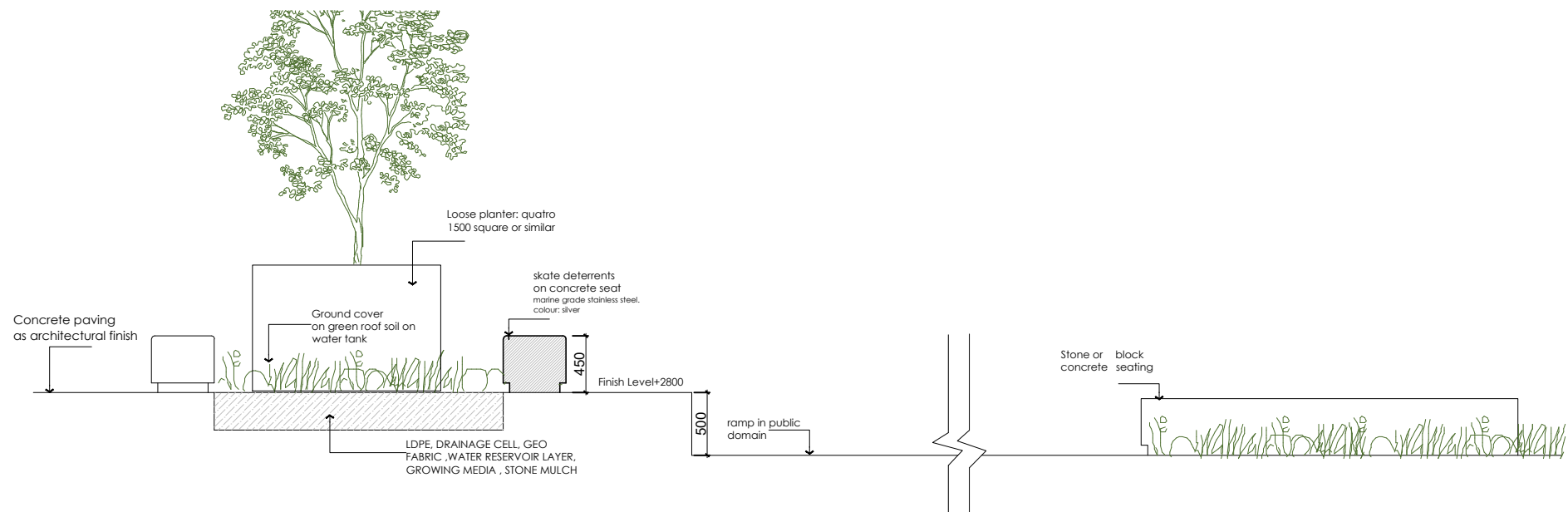
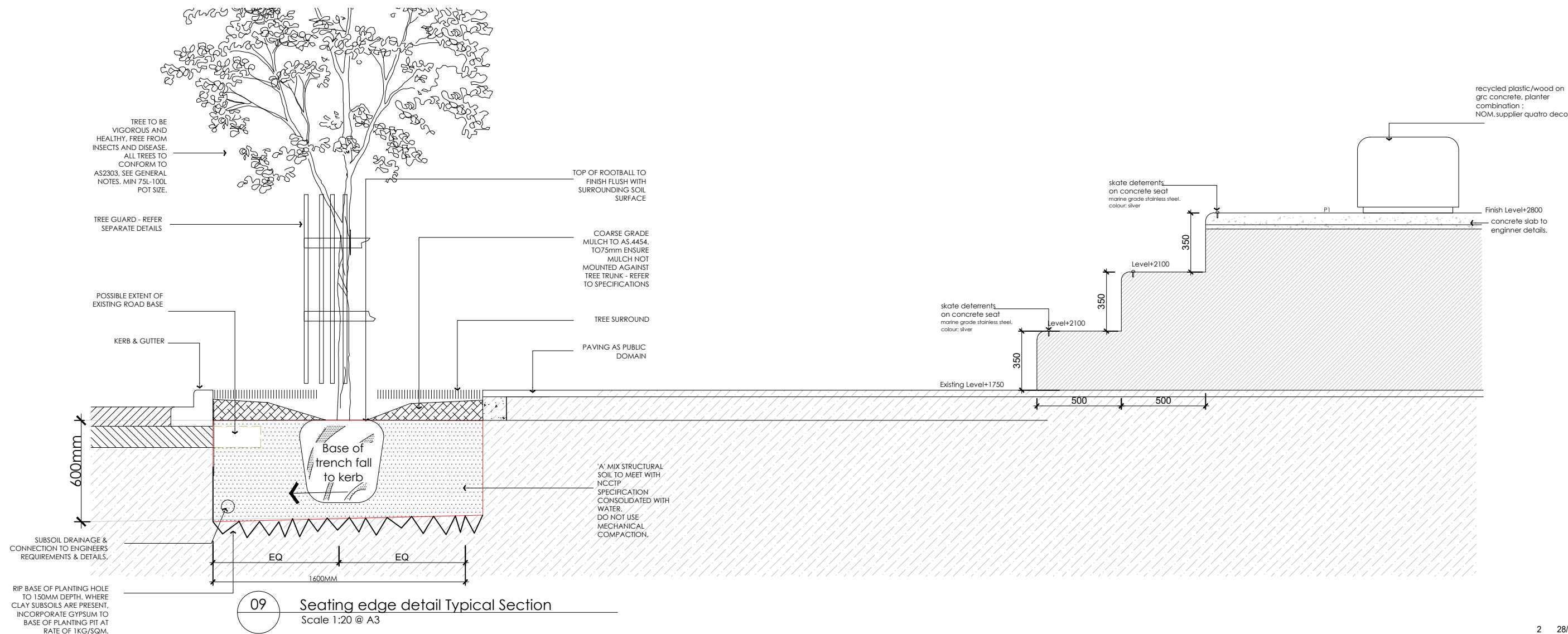
CLIENT:  
**University of Newcastle**

DRAWN: MA DATE: 28/02/20 SCALE: AS SHOWN

JOB NUMBER: 11749.5 TD PHASE: L07 DWG No: 2 REV: 2







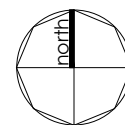
2	28/02/20	revisions
REV	DATE	COMMENTS

PROJECT:  
**HCCD STAGE 1A**

SITE:  
**Honeysuckle drive  
Newcastle west**

CLIENT:  
**University of Newcastle**

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JOB NUMBER: 11749.5 TD L08 2  
PHASE: DWG No: REV:



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2	28/02/20	revisions
REV	DATE	COMMENTS

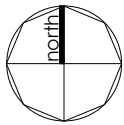
PROJECT:  
HCCD STAGE 1A

SITE:  
Honeysuckle drive  
Newcastle west

CLIENT:  
University of Newcastle

DRAWN: MA DATE: 28/02/20 SCALE: 1:300

JOB NUMBER: 11749.5 TD L09 2  
PHASE: DWG No: REV:





planting palette



Ulmus parvifolia



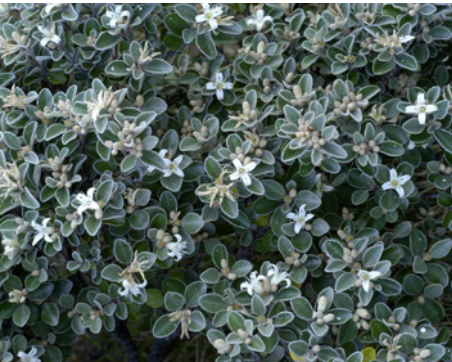
Tristaniopsis laurina



Banksia integrifolia



Magnolia grandiflora  
Little Gem



Correa alba



Drosanthemum Hispidum



Ipomea pes-caprae



Lomandra longifolia



Carex appressa



Banksia collina

Plant schedule

Trees				
No.	Botanical Name	Height	Width	Nos.
01	Tristaniopsis laurina	08 m	07 m	03
02	Ulmus parvifolia	13 m	10 m	05
03	Banksia integrifolia	10 m	05 m	02
04	Magnolia gradniflora little gem	4 m	3 m	07
Shrub and groundcover				
05	Lomandra longifolia	0.7 m		155
06	Correa alba	01 m		65
07	Ipomea pes-caprae	0.2 m		10
08	Banksia collina	01 m		55
09	Carex appressa	01 m		120
10	Drosanthemum Hispidum	0.2 m		40
11	Senecio serpens	0.3 m		70
Planter				
12	Westringia Grey box	0.4		16
13	Lomandra Verday	0.5		33

2	28/02/2020	REVISION
REV	DATE	COMMENTS

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HCCD STAGE 1A

SITE:  
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DRAWN: MA    DATE: 28/02/2020    SCALE:

JOB NUMBER: 11749.5    PHASE: TD    DWG No: L10    REV: 2



Senecio serpens – 'Blue Chalk Sticks'



Westringia Grey box



Lomandra Verday