URBIS

100-108 TALAVERA ROAD MACQUARIE PARK

LANDSCAPE DEVELOPMENT APPLICATION

PREPARED FOR

MERITON

IN COLLABORATION WITH PTW ARCHITECTS

13TH JAN 2023

ACKNOWLEDGEMENT TO COUNTRY

Urbis acknowledges the traditional country of the Wallumettagal people. We recognise and respect their cultural heritage, beliefs and continuing relationship with the land, and that they are the proud survivors of more than two hundred years of dispossession.

We reiterate our commitment to addressing disadvantages and attaining justice for Aboriginal and Torres Strait Islander peoples of this community.

ISSUE AUTHORISATION

Document Title: 100-108 Talavera Rd, MACQUARIE PARK
Landscape Development Application

Document No.: Urbis LA_001

Project No.: P0036080

Prepared for: Meriton

Date: 13 January 2023

Prepared: Sam O'Connor/ Jojo Navarro/ Latham Brook

Reviewed: Mark Kuhne

Rev	Date	Purpose	Prepared	Reviewed
07	13.01.23	Development Application	SO/JN/LB	MK

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Title: Connecting Land
Artists: Tarisse King and Sarita King
Clan: Gurindji

Connecting Land is an expression of the beauty of the Australia Landscape. People's connection to the country and the lessons that caring for the land can teach us. Respect for the lands of Australia and creating a positive impact for people is at the centre of shaping great Australian cities and communities

CONTENTS

INTRODUCTION

THE PROPOSAL

This Landscape design report has been prepared by Urbis for the proposed development at 100-108 Talavera Road, Macquarie Park. The landscape design presented in this incorporates public domain, streetscape design and the podium communal and private open spaces for the proposed residential apartment building.

The landscape proposal has been prepared in compliance with the City of Ryde Council's DCP and Public Domain Guidelines and DA application checklist.

SITE CONTEXT

The site is located in close proximity to Macquarie University, Macquarie Centre and Macquarie Station. The site slopes from south to north along the trough site link and east to west along Talavera Road.

DEVELOPMENT PROPOSAL

This DA proposes to upgrade the streetscape along Talavera Road and create high quality communal open space spaces on level 5, Building A and C Roof top, and Level 19 and 36 in Building C. The ground level consists of a 'green frontage' street address and through site link lined by an avenue of trees.

SITE PHOTOS

Figure 1 View from Talavera Rd

Figure 2 View from M2 turnoff from Herring Rd

Figure 3 View from M2 Motorway

LEGEND:

- Site Boundary
- Points of Interest
- Existing pedestrian crossings
- Existing Bus Stop
- Open Space
- Metro Station

DESIGN PRINCIPLES

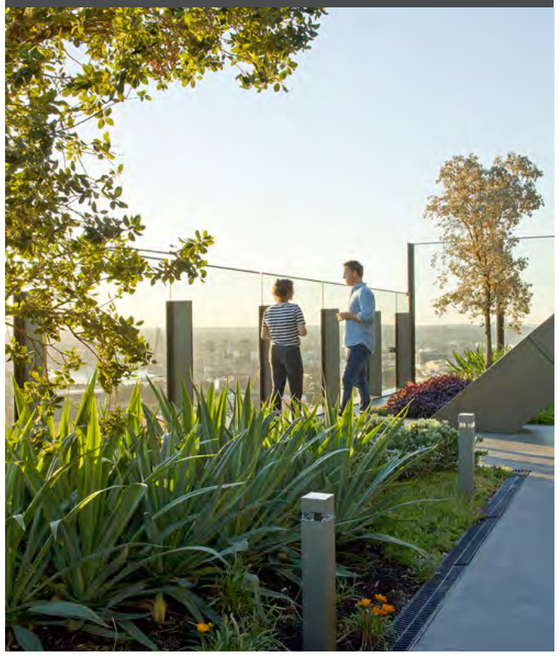
PUBLIC DOMAIN + STREET ADDRESS

- Inviting street address through an integrated architectural landscape response.
- Distinctive arrival through hierarchy of residential arrival points.
- Celebration of topography through lush landscape terraces.
- Vernacular streetscapes.
- Provision of accessible entries.
- Interact with surrounding public infrastructure

COMMUNAL COURTYARDS

- Provision of open and flexible landscape spaces.
- Landscape oasis highlighted by lush planting.
- Sense of enclosure, providing pedestrian scale of surrounding built form.
- Spaces for community relationships.
- A place to call home

ROOFTOP TERRACES



- Provision of high quality facilities.
- Diverse series of active and passive spaces.
- Spaces for small and large gatherings.
- Rich planting palette.
- Maximise local views

SOCIAL ACTIVATION

- Provision of a wide range of programmed activities.
- Flexible gathering spaces promoting interaction in a wide range of groups.
- Open and inviting centralised spaces with shared facilities.

DESIGN RESPONSE

METHODOLOGY

Public Domain + Streetscape

The landscape design strategy for the streetscape is to create revitalised street frontages with access points to ground floor residential, child care and retail spaces; design a bright and friendly feel for pedestrians, cyclists and motorists; provide a green and lush buffer planting in the building set back zones; and new street tree planting reflecting Council's recommended species list.

Communal Courtyard Gardens

The centrally located communal courtyard gardens on level 5 provide residents with a series of formal and informal gathering spaces. Large open lawns, sculptural seating pods, passive retreats, and nature active play areas have been integrated into the podium to offer residents with opportunities for both respite, social interaction and a sense of enclosure through a lush and rich planting palette.

The rooftop gardens provide a diversity of spaces and activities. The communal spaces offers generous sun baking lawns, break out shaded dining rooms, social seating spaces and passive reading nooks, and active play areas for table tennis. The design gives users the chance to relax and mingle while taking in the view opportunities complemented by a lively and colourful planting palette.

PLANT ESTABLISHMENT + MAINTENANCE

Landscape Maintenance Strategy

General

- Planting maintenance period: the planting maintenance period will be 52 weeks and will commence from the date of practical completion. Of each phase of planting works (hereby specified to be a separable part of the works). It is anticipated that planting works will be undertaken in one phase

- Planting maintenance program: 2 weeks prior to practical completion, furnish a proposed planting establishment program, and amend it as required. Such proposal should contain details of the types and frequency of maintenance activities involved with the establishment of plants and grassed areas. Comply with the approved program.

- Planting maintenance log book: keep a log book recording when and what maintenance work has been done and what materials, including approved toxic materials, have been used. Log book must be signed off by the client's representative after each maintenance visit. Maintain log book in location nominated by superintendent. All entries are to be initialled by person nominated by superintendent. Log book to contain a copy of the approved planting establishment program.

- Product warranty: submit the supplier's written statement certifying that plants are true to the required species and type, and are free from diseases, pests and weeds.

- Insurance: the contractor is to ensure suitable insurance cover and / or bank guarantee is in place for the theft and / or damage of all works executed under this contract for the plant maintenance period.

- Turf within internal courtyard to be managed through winter monthly including;

- Fertilising.

- Top dressing areas of high activity.

- Maintain irrigation strategy.

Planting Maintenance

Protection of works: provide any fencing or barriers necessary to protect the planting from damage throughout the planting establishment period.

Recurrent works: throughout the planting maintenance period, continue to carry out recurrent works of a maintenance nature all to the extent required to ensure that the plants are in the best possible condition at the end of the planting maintenance period. These activities are including but not limited to:

- Weeding,

- Rubbish removal,

- Fertilizing

- Pest and disease control,

- Adjust / replace stakes and ties

- Topping up mulch,

- Cultivating,

- Pruning,

- Keeping the site neat and tidy

Replacements: the contractor is responsible for the replacement of failed, damaged or stolen trees, shrubs and groundcovers throughout the planting establishment period.

Weeding

Generally: regularly remove, by hand, rubbish and weed growth that may occur or recur throughout turfed, planted and mulched areas. Continue eradication throughout the course of the works and during the planting establishment periods.

Weed eradication: the contractor must make allowance for a higher level of maintenance during establishment to ensure that weeds are controlled.

Herbicide use: re-application of herbicide such as Ronstar or equivalent if required.

Compliance

Requirement: plant maintenance shall be deemed complete subject to the following compliance with the criteria:

Repairs to planting media completed

Ground surfaces are covered with the specified treatment to the specified depths

Pests, disease, or nutrient deficiencies or toxicities are not evident.

Organic and rock mulched surfaces have been maintained in a weed free and tidy condition and to the specified depth

Vegetation is established and well formed

Plants have healthy root systems that have penetrated into the surrounding, undisturbed ground and not able to be lifted out of its planting hole

Vegetation is not restricting essential sight lines and signage

Collection and removal of litter

All non-conformance reports and defects notifications have been closed out.

Plant maintenance compliance schedule:*as defined by the superintendent

Pruning

Generally: tree plantings shall be left to grow in a form consistent with the growth habit of the species.

Pruning: cut back tree canopies and groundcovers to road verges, and light poles and signs as required achieving clear sight lines when viewed along roadway.

Fertilising

Generally: the fertiliser regimes have been devised to provide sufficient long-term fertility for the vegetation type and it is anticipated that all except the very high status horticultural beds such as feature plantings (entry and courtyard planting) for colour and foliage will not need regular fertiliser regimes.

Testing: additional nitrogen may be required due to drawdown effects from composts and mulches and localised waterlogging. To compensate for this, soil testing is to be carried out after 12 months to ascertain nutrient requirements.

Completion

Cleaning: remove temporary protective fences and tree stakes at the end of the planting maintenance period.

Drainage & Watering Strategy

Generally:

If the watering regime is intended to be amended the contractor must seek written approval from the superintendent immediately prior to the deferment of watering.

Watering permits: the contractor is responsible for obtaining the necessary watering permits required to carry out the watering as specified.

Water Sensitive Urban Design (WSUD) principles have been realised into the landscape design in a way that celebrates a sustainable water cycle.

All irrigation systems will comprise of subsurface drip systems and automatic timers with rainwater / soil moisture sensor controls;

Where possible storm water runoff will be directed to the lawn and garden beds; via basement rainwater storage tanks

Irrigation will be provided to all soft landscape areas and will be specified within the tender package;

Low water demand shrub planting is proposed.

LIGHTING

All external areas will be designed to meet relevant Australian Lighting Standards. Integrated landscape lighting is proposed to all the landscape elements.

SAFETY AND SECURITY

An integrated approach to safety will improve actual and perceived personal security in pedestrian public domain areas;

All paths are overlooked from adjoining buildings and adjacent streets which will provide a high level of passive surveillance;

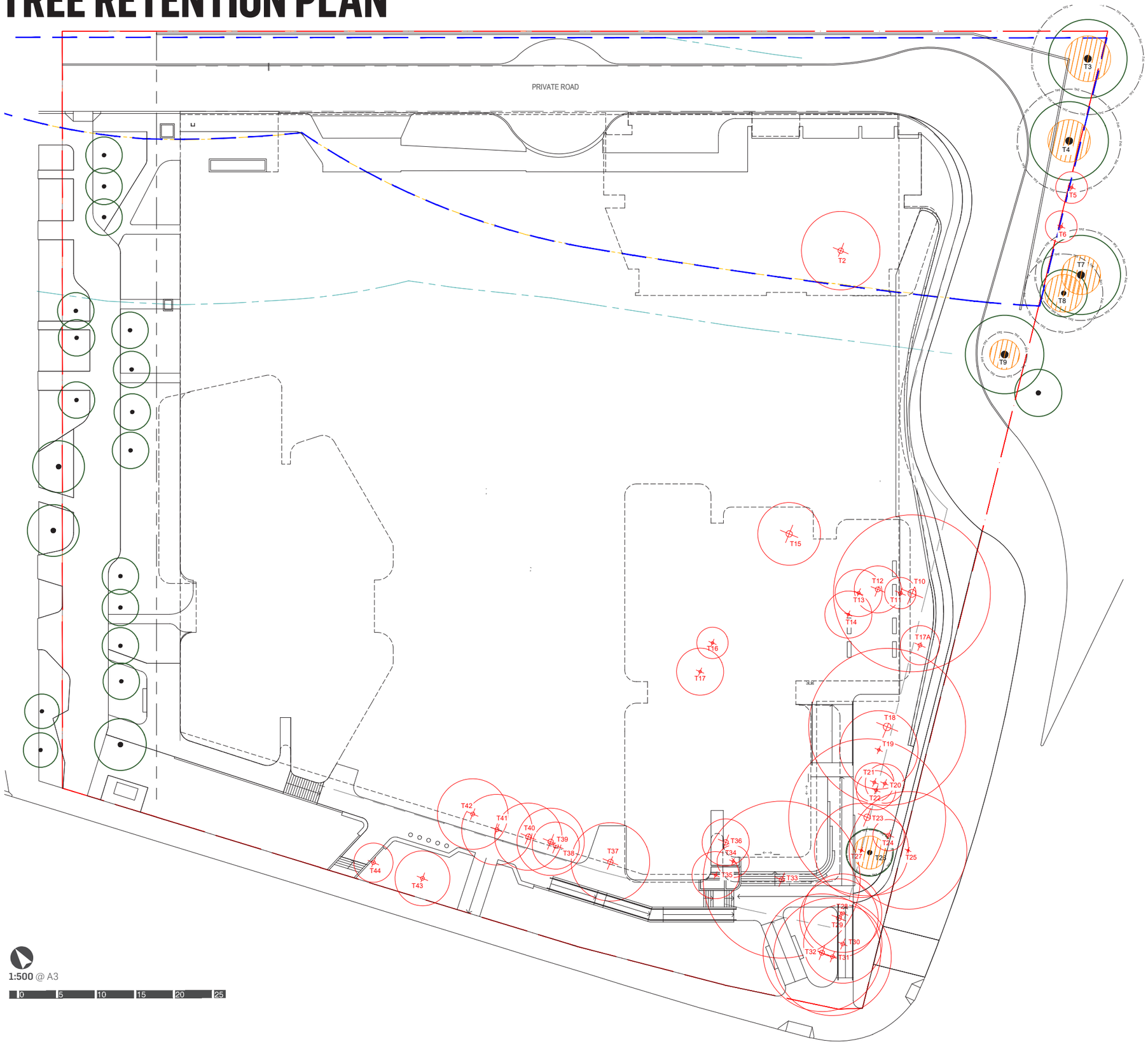
All external spaces will have multiple clear sight lines without obstacles, proposed shrub planting is low level which will prevent places to hide;

All paths will be well lit at night time and designed to meet relevant Australian Lighting Standards;

Signage will be provided across the precinct to assist with wayfinding and navigation through the site.

All planting + retaining / planter walls to be low at road intersections to ensure vehicular sight lines are not obstructed

TREE RETENTION PLAN



LEGEND:

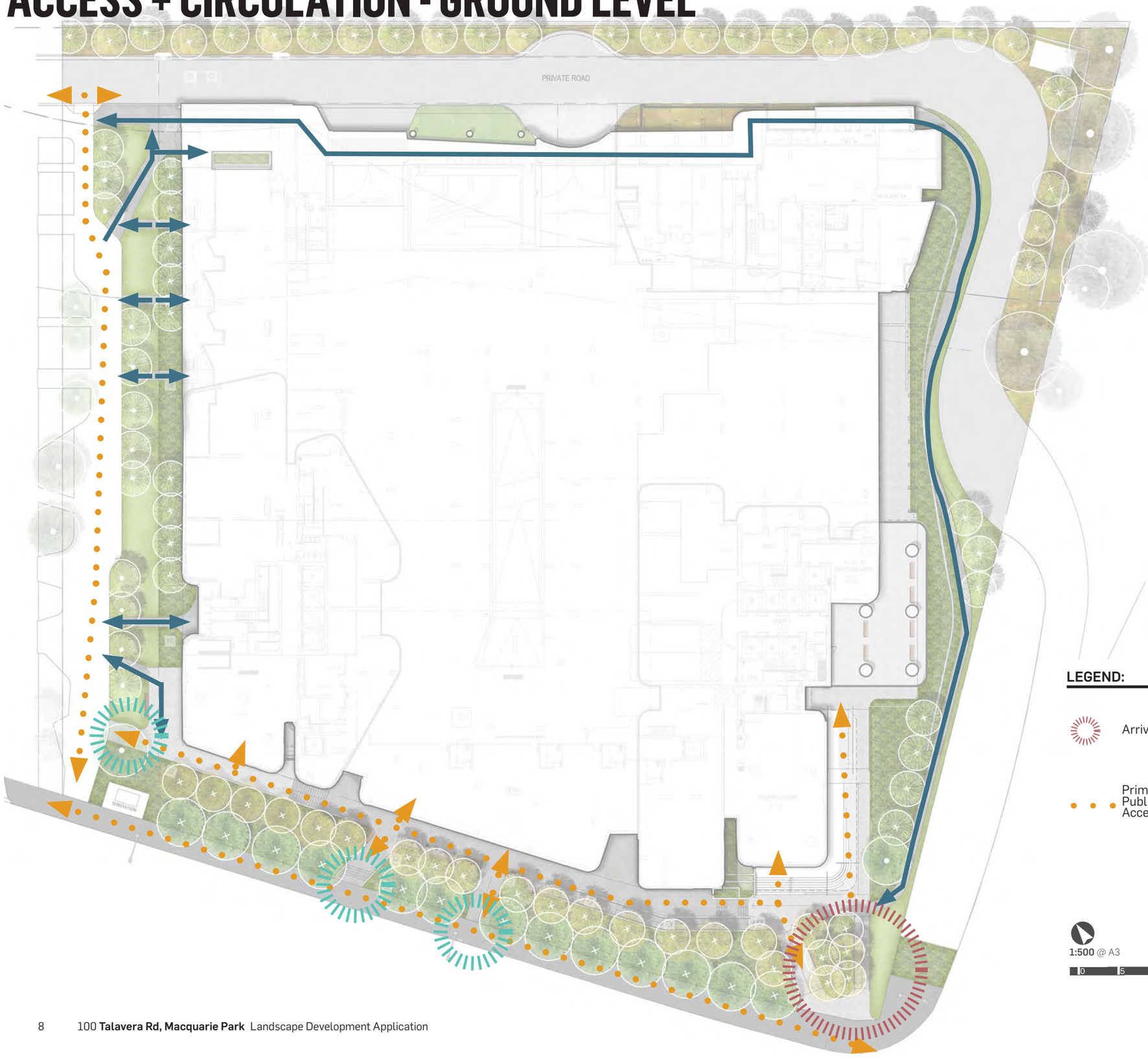
- TX — TREES TO BE RETAINED
- TPZ — TREE PROTECTION ZONE
- SRZ — STRUCTURAL ROOT ZONE
- TX — TREES TO BE REMOVED

REFER TO JACKSONS NATURE WORKS ARBORICULTURAL IMPACT ASSESSMENT REPORT FOR DETAILED ARBORICULTURAL IMPACT ASSESSMENT REPORT

1:500 @ A3

0 5 10 15 20 25

ACCESS + CIRCULATION - GROUND LEVEL



LEGEND:

- Arrival Plaza
- Secondary Entries
- Primary Public Access
- Secondary / Internal

1:500 @ A3

0 5 10 15 20 25

NOTE: REFER TO ARCHITECTURAL DA PLANS FOR DETAIL

OPEN SPACE ZONE + PROGRAM - GROUND LEVEL

LEGEND:

- Arrival Plaza
- Through Site Link
- Green Buffer
- Green Frontage

1:500 @ A3

0 5 10 15 20 25

NOTE: REFER TO ARCHITECTURAL DA PLANS FOR DETAIL

LANDSCAPE PLAN - GROUND LEVEL

NOTES:

1. PROTECT EXISTING TREES TO BE RETAINED AS PER ARBORIST REPORT AND SUPPLEMENT WITH ADDITIONAL TREE AND UNDERSTOREY BUFFER PLANTINGS TO BOUNDARY SETBACK AREAS.

2. SELECT PLANTS WITH HIGH MOISTURE CONTENT, LOW VOLATILE OIL CONTENT OF LEAVES, AND SMOOTH BARKS WITHIN THE ASSET PROTECTION ZONE AREA.

3. INSTALL A MIX OF ORNAMENTAL AND INDIGENOUS PLANT MATERIALS TO PROVIDE SEASONAL VARIATION AND INTEREST.

4. ENSURE 50% INDIGENOUS PLANTS OR LOW WATER USE PLANT SPECIES ARE USED TO REDUCE RELIANCE ON WATER.

LEGEND:

1. CONNECTION TO THROUGH SITE LINK
2. ACCESSIBILITY RAMP
3. MAIN ENTRY STAIRS
4. ARRIVAL PLAZA WITH FEATURE BROAD-CANOPY TREES
5. EXISTING NATIVE EDGE
6. INTERNAL ROAD AND SLIP LANE
7. ASSET PROTECTION ZONE
8. LARGE SMOOTH-BARKED NATIVE TREES
9. MULTI FUNCTION POLE STREET LIGHTING
10. REINFORCED TURF

PAVING TYPES:

- P1 EXPOSED AGGREGATE CONCRETE PATH
- P2 PORCELAIN TILES
- P3 GRANITE PAVING (PUBLIC DOMAIN)

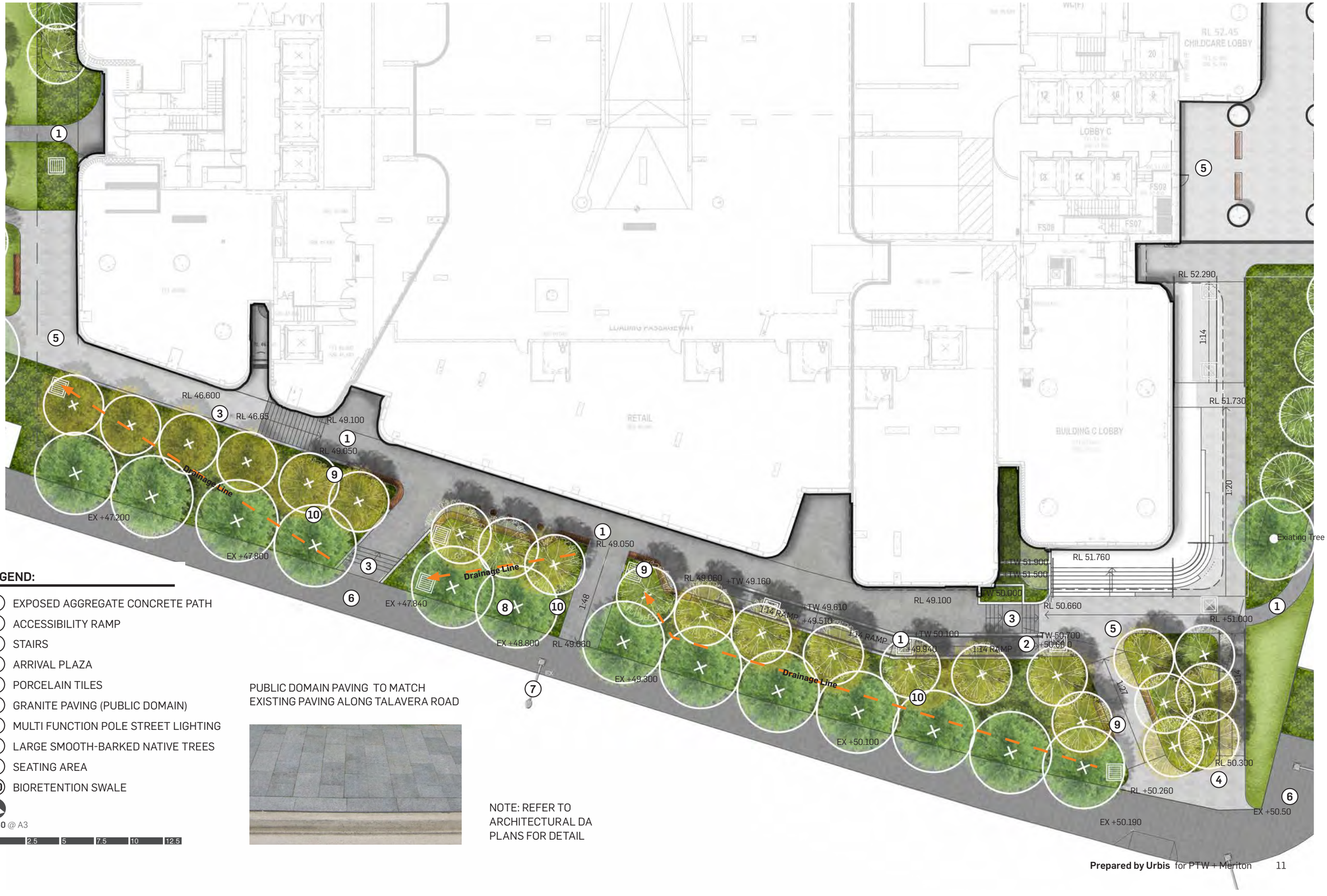
- The public domain is accessible in all directions surrounding the site with ramps and pathways integrated with the landscape
- Planting around the switchback ramps reduce visual impact of the ramp retaining walls
- Retail seating areas on permeable paving activate the building frontage and improves the amenity of the public domain
- Trees with low understorey planting provide a green buffer to the road while providing views and passive surveillance from street to retail and ground floor areas

NOTE: REFER TO ARCHITECTURAL DA PLANS FOR DETAIL

1:500 @ A3

0 5 10 15 20 25

DETAIL PLAN - GROUND LEVEL



LEGEND:

1. EXPOSED AGGREGATE CONCRETE PATH
2. ACCESSIBILITY RAMP
3. STAIRS
4. ARRIVAL PLAZA
5. PORCELAIN TILES
6. GRANITE PAVING (PUBLIC DOMAIN)
7. MULTI FUNCTION POLE STREET LIGHTING
8. LARGE SMOOTH-BARKED NATIVE TREES
9. SEATING AREA
10. BIORETENTION SWALE

1:250 @ A3

0 2.5 5 7.5 10 12.5

PUBLIC DOMAIN PAVING TO MATCH EXISTING PAVING ALONG TALAVERA ROAD

NOTE: REFER TO ARCHITECTURAL DA PLANS FOR DETAIL

GROUND FLOOR SECTIONS

SECTION A

SECTION C

SECTION B

PRECEDENT IMAGERY - GROUND LEVEL

Main Arrival Corner

Building Interface and Seating

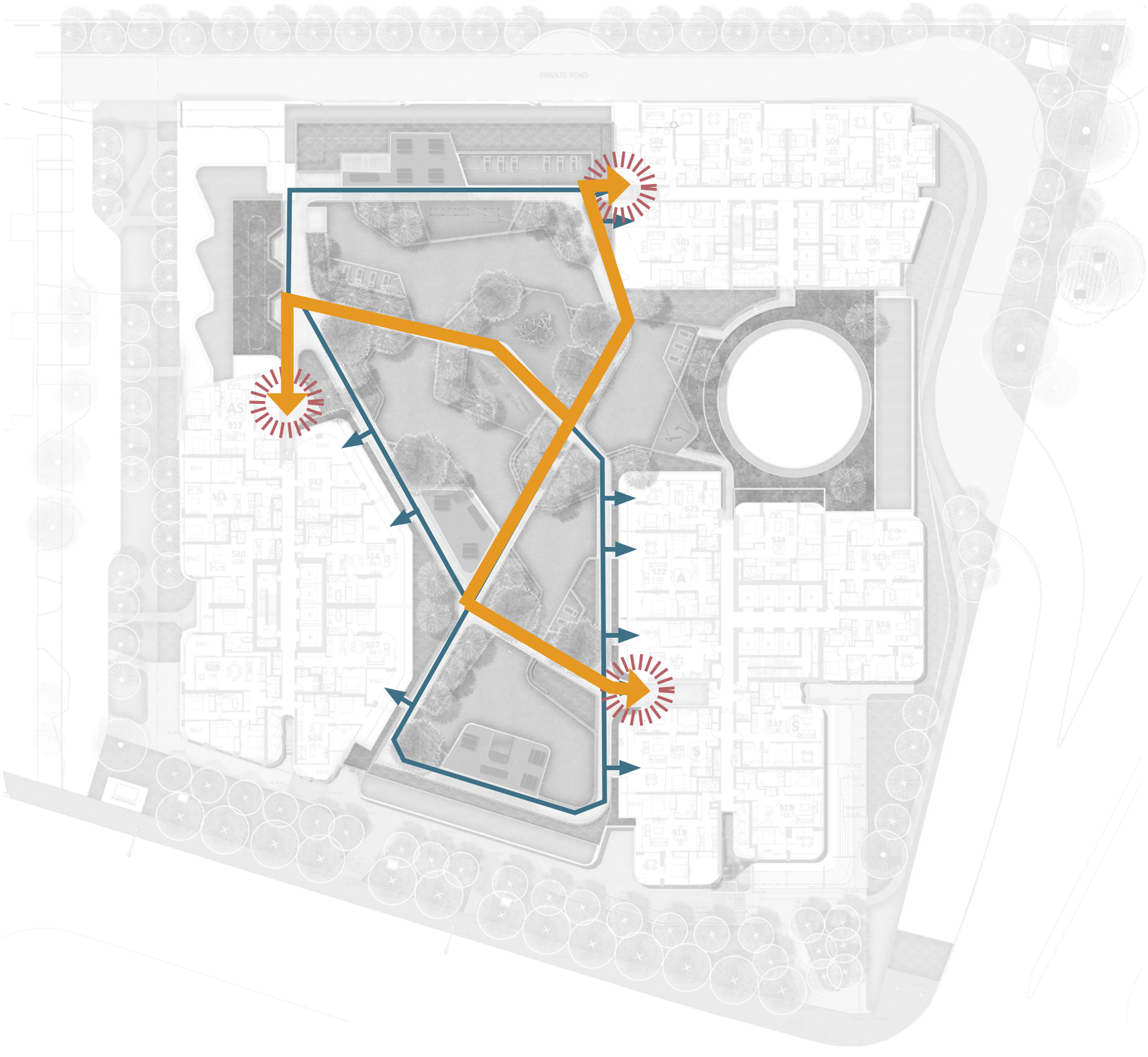
Main Arrival Plaza

Native Street Planning

Building Interface and Seating

Street Planting and Through Site Link

ACCESS + CIRCULATION - LEVEL 5



LEGEND:

Primary Paths

Secondary Paths

Main Entries

NOT TO SCALE

OPEN SPACE ZONE + PROGRAM - LEVEL 5

LEGEND:

- Play Area
- Planted Spaces
- Community Space
- Fitness Hubs
- Open Green Space

NOT TO SCALE

LANDSCAPE PLAN - LEVEL 5

LEGEND:

1. NATURE PLAY
2. YOUNG KIDS PLAY AREA
3. OUTDOOR FITNESS
4. 1.8M HIGH IMPERMEABLE WIND SCREEN
5. DINING FACILITIES
6. BIODIVERSITY GREEN ROOF
7. ACTIVE LAWN SPACE
8. PASSIVE LAWN SPACE
9. FLEXIBLE SEATING SPACE
10. SERVICE ACCESS - GRAVEL

PAVING TYPES:

- P1 EXPOSED AGGREGATE CONCRETE PATH
- P2 PORCELAIN TILES
- P3 RUBBER SOFTFALL
- P4 LOOSE STONES
- P5 PLAY MULCH

- Large communal open space, with active and passive recreational areas, allows for a range of activities for people of all ages
- Seating areas and barbecue facilities foster interaction amongst residents
- Trees and shrubs on raised planters with mounded planting beds allow for adequate soil depth to support healthy plant and tree growth
- Private terraces with vegetation screening provides visual screening and privacy and improves residential amenity

1:400 @ A3

0 5 10 15 20

DETAIL PLAN - LEVEL 5

LEGEND:

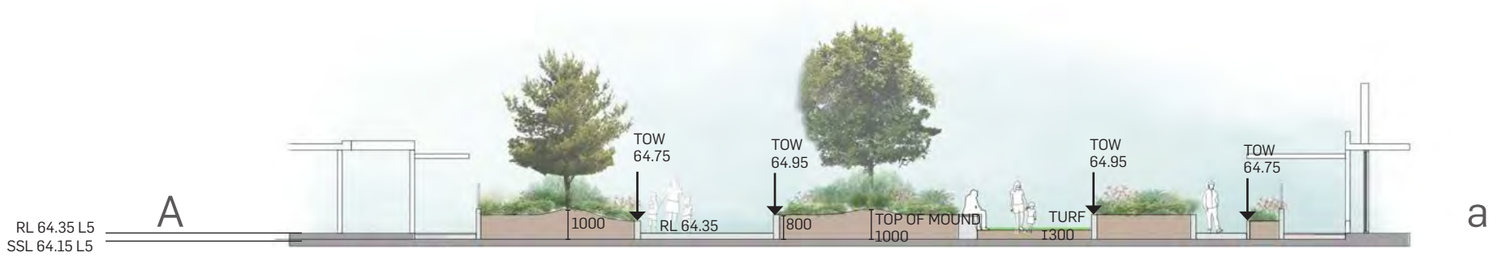
1. NATURE PLAY ON MULCH
2. YOUNG KIDS PLAY AREA
3. OUTDOOR FITNESS ON SOFTFALL PAVING
4. 1.8M HIGH IMPERMEABLE WIND SCREEN
5. DINING FACILITIES ON PORCELAIN TILES
6. BIODIVERSITY GREEN ROOF
7. ACTIVE LAWN SPACE
8. PASSIVE LAWN SPACE
9. FLEXIBLE SEATING SPACE ON TURF
10. SERVICE ACCESS - LOOSE STONES
11. CONCRETE FOOTPATH

DETAIL PLAN - LEVEL 5

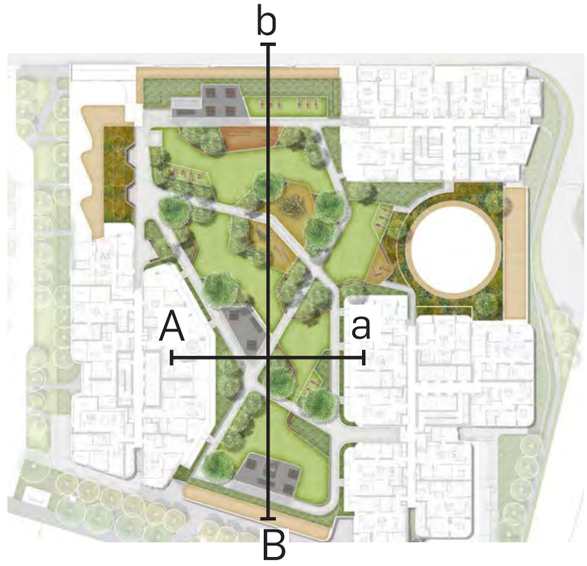
LEGEND:

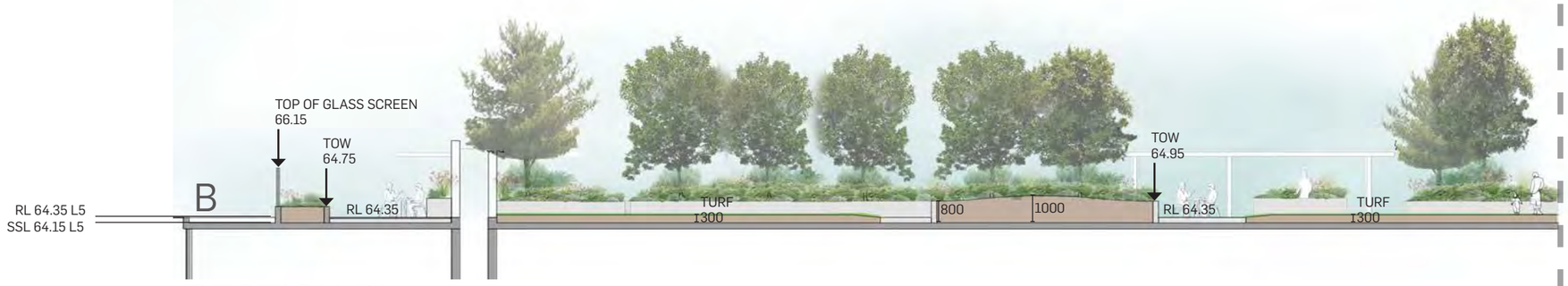
1. NATURE PLAY ON MULCH
2. PLAY AREA
3. OUTDOOR FITNESS ON SOFTFALL PAVING
4. 1.8M HIGH IMPERMEABLE WIND SCREEN
5. DINING FACILITIES ON PORCELAIN TILES
6. BIODIVERSITY GREEN ROOF
7. ACTIVE LAWN SPACE
8. PASSIVE LAWN SPACE
9. FLEXIBLE SEATING SPACE ON TURF
10. SERVICE ACCESS - LOOSE STONES
11. CONCRETE FOOTPATH

LEVEL 5 SECTIONS

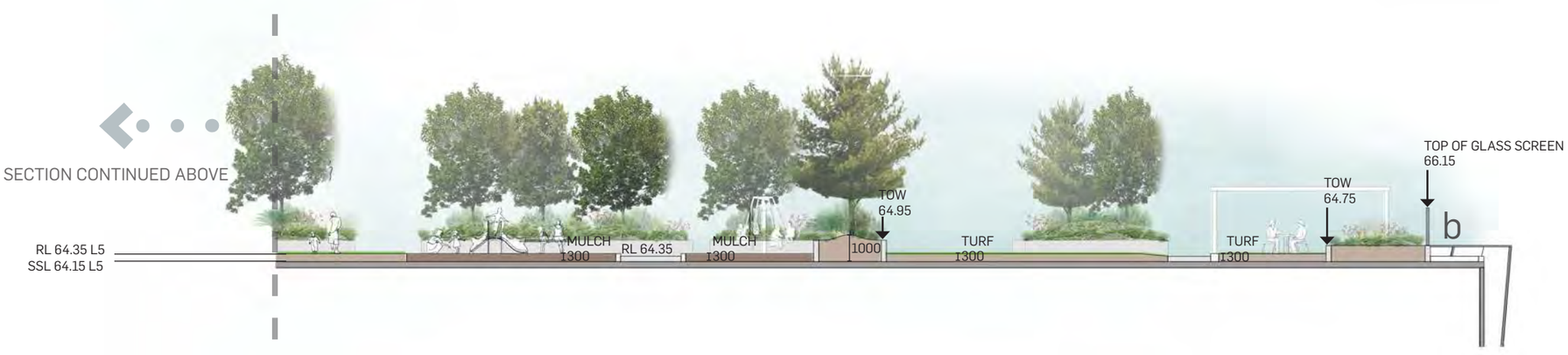


SECTION Aa





SECTION Bb



PRECEDENT IMAGERY - LEVEL 5

Nature Play

Nature Play

Fitness Stations

Passive Green Space

Active Green Space and Pathway System

Biodiversity Green Roof

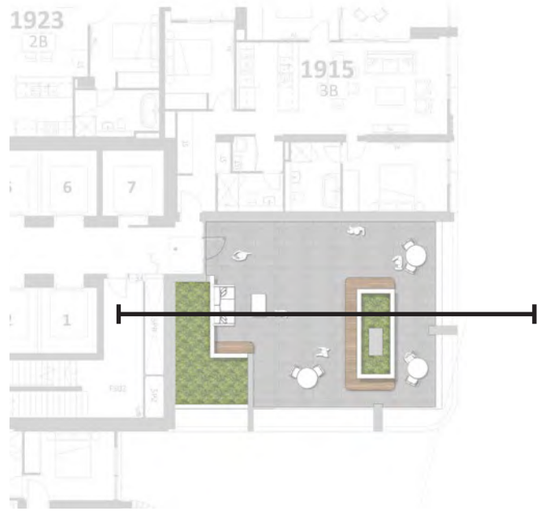
LANDSCAPE PLAN - BUILDING C - PODIUM LEVEL 19 & 36

COMMUNAL PODIUM OUTDOOR DINING AREA

LEGEND:

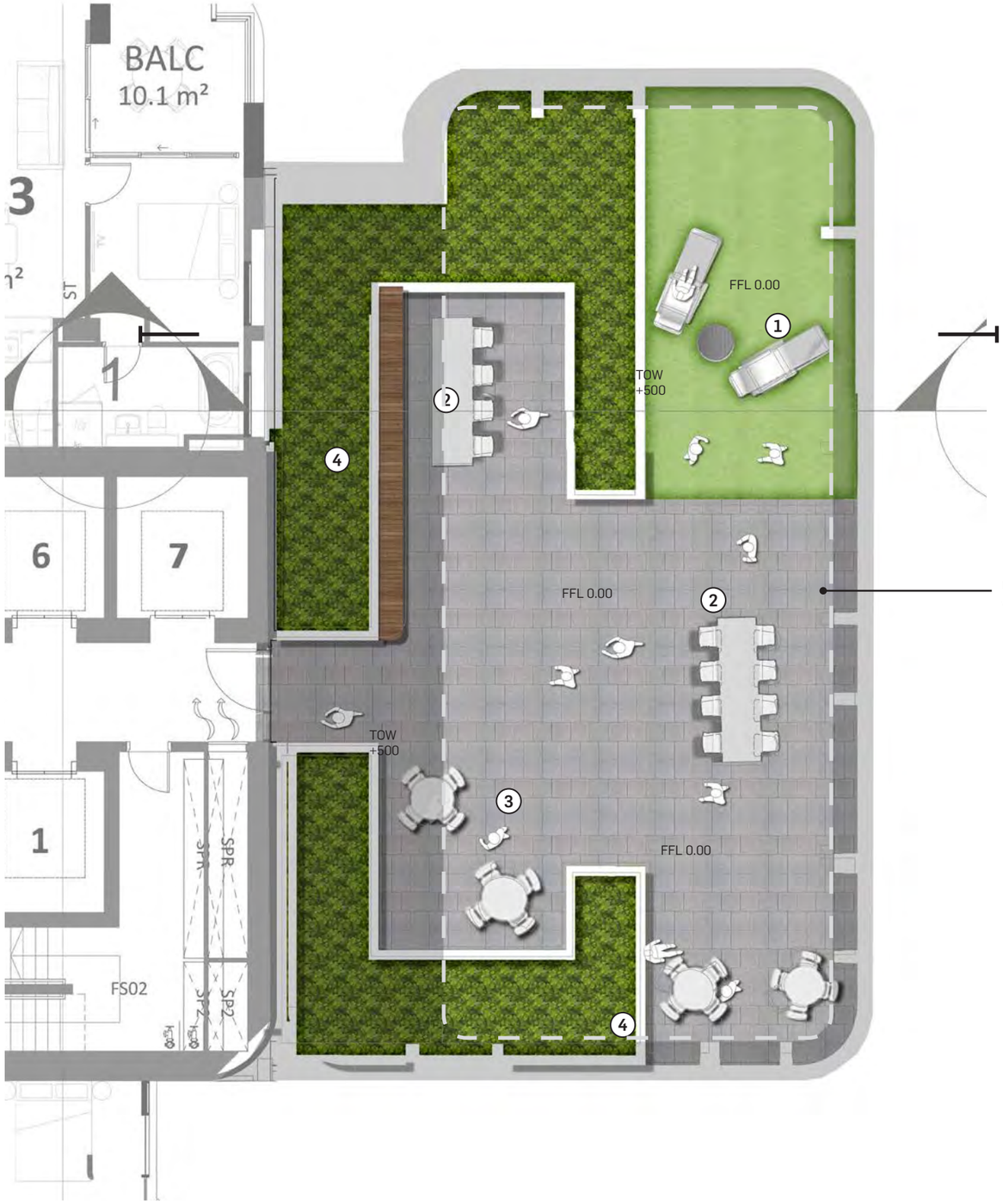
1. PODIUM RAISED PLANTERS
2. RELAXATION LOUNGING AREA
3. COMMUNAL GATHERING SPACE ON PORCELAIN TILES
4. INTIMATE GATHERING SPACE

LEVEL 19 & 36 SECTIONS



SECTION A

LANDSCAPE PLAN - BUILDING C - PODIUM LEVEL 54

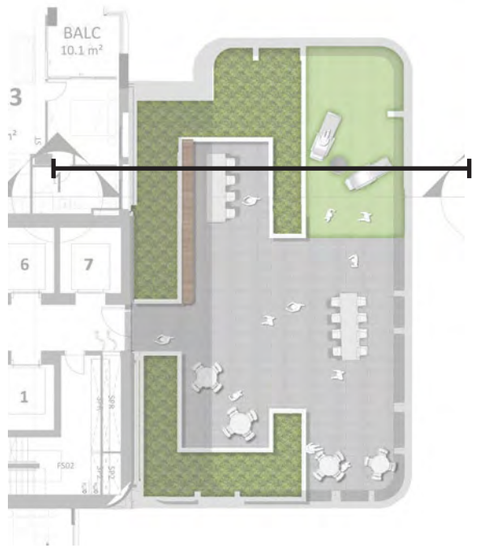


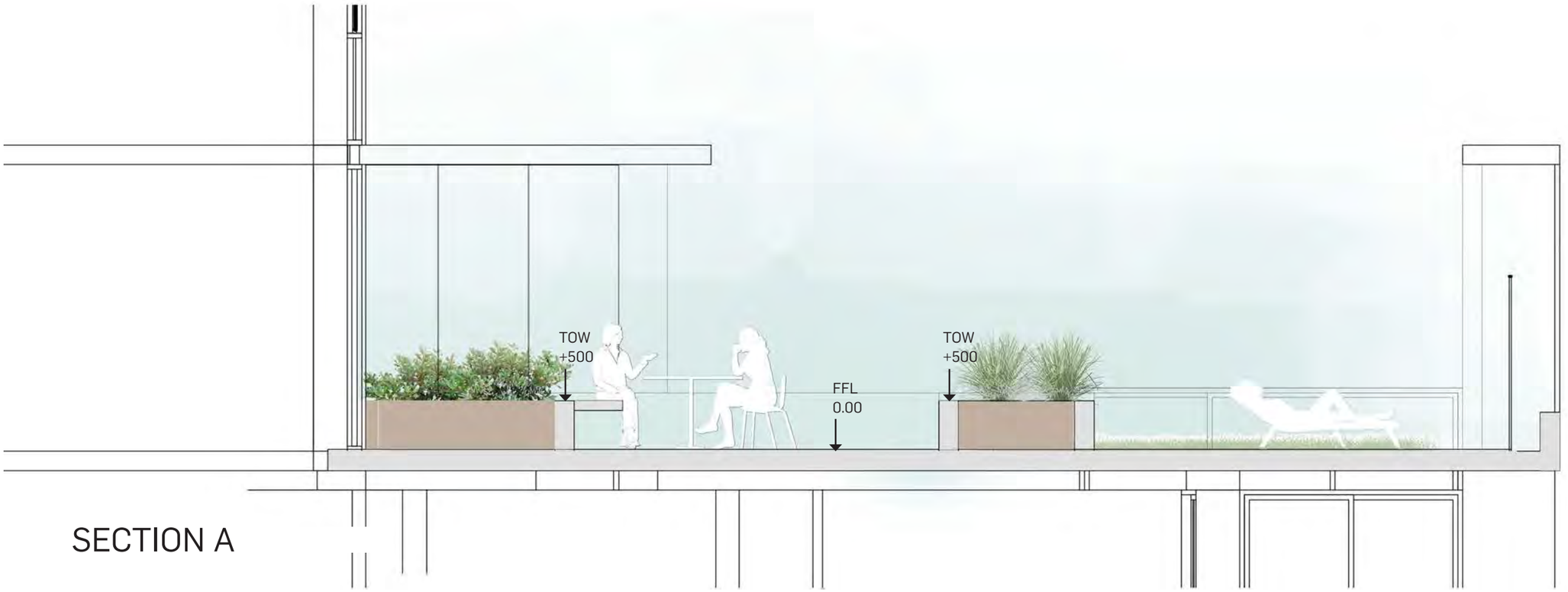
COMMUNAL PODIUM OUTDOOR DINING AREA
WITH SUNBAKING SYNTHETIC LAWN

LEGEND:

1. COMMUNAL SUNBAKING ON SYNTHETIC LAWN
2. COMMUNAL DINING AREAS ON PORCELAIN TILES
3. INFORMAL GATHERING SPACES
4. PODIUM RAISED PLANTERS

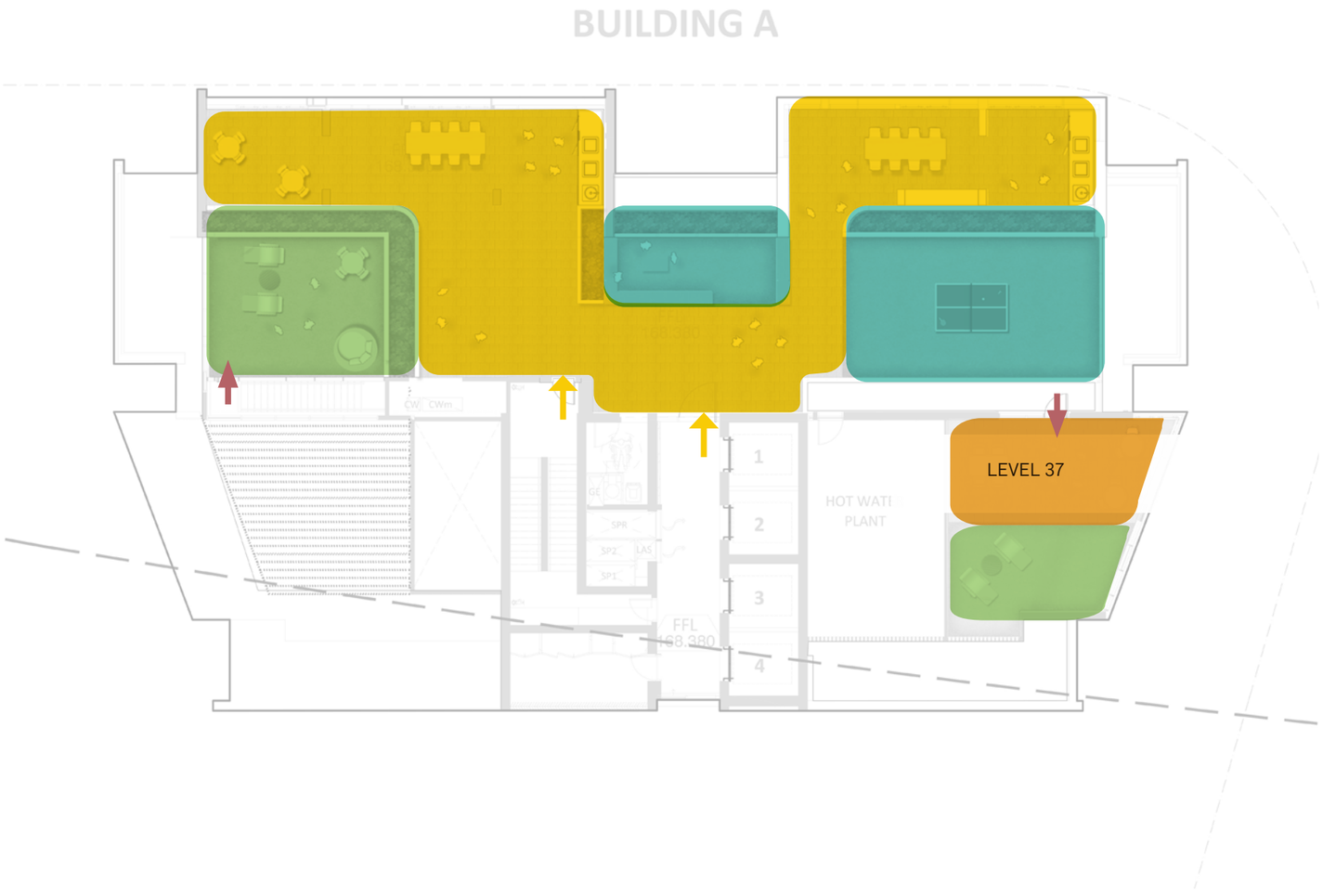
LEVEL 54 SECTION





SECTION A

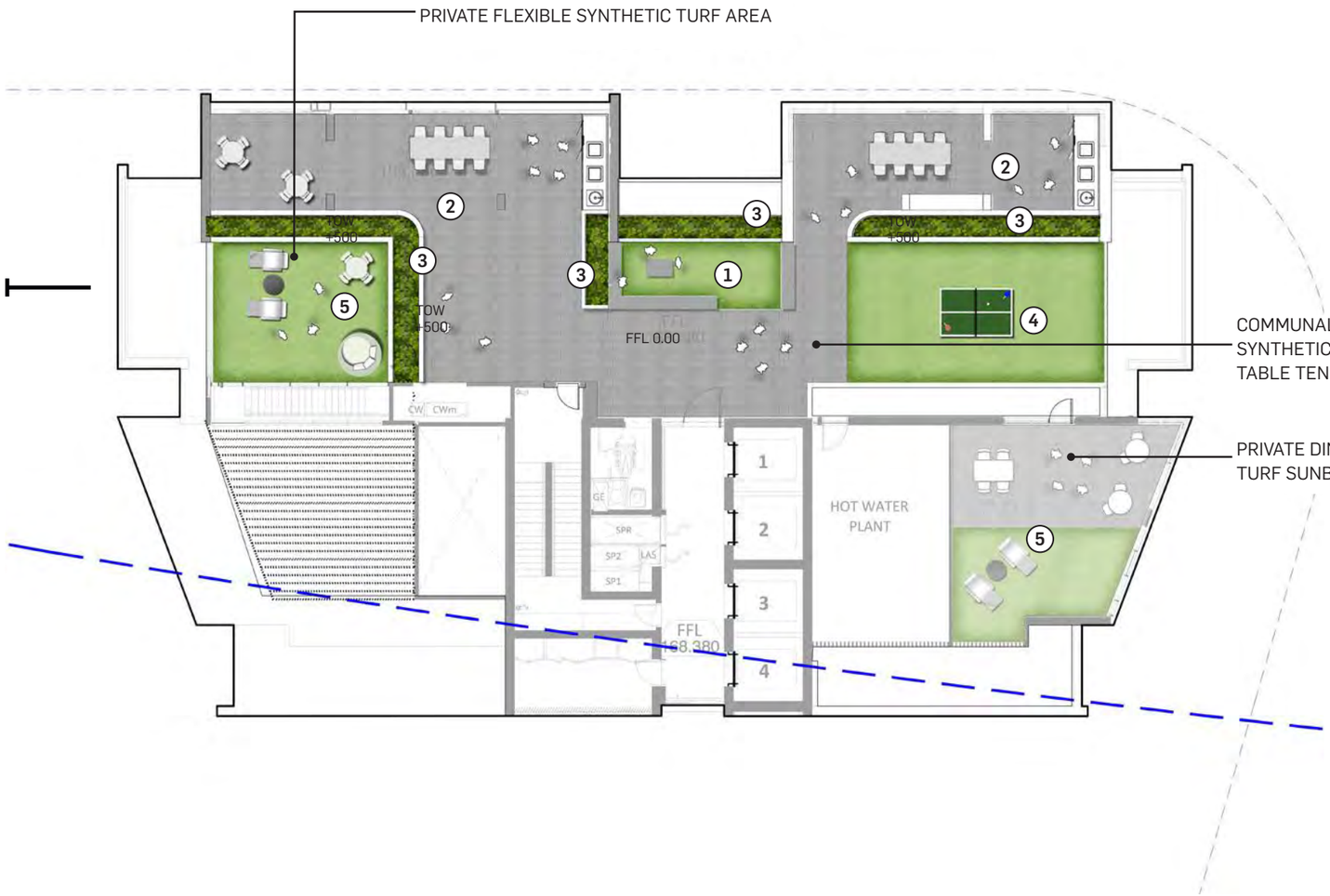
OPEN SPACE ZONE AND PROGRAM - ROOFTOP TERRACE BUILDING A (L38)



LEGEND:

- Communal Facilities (L38)
- Private - Outdoor Dining (L37)
- Communal - Flexible Synthetic Turf (L38)
- Private - Flexible SyntheticTurf (L37 & 38)
- Access Private
- Access Communal

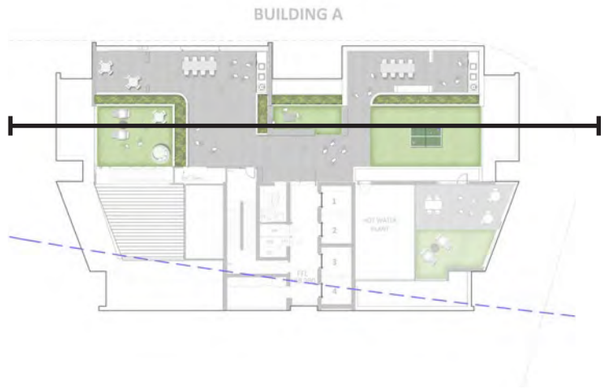
LANDSCAPE PLAN - ROOFTOP TERRACE - BUILDING A (L38)



LEGEND:

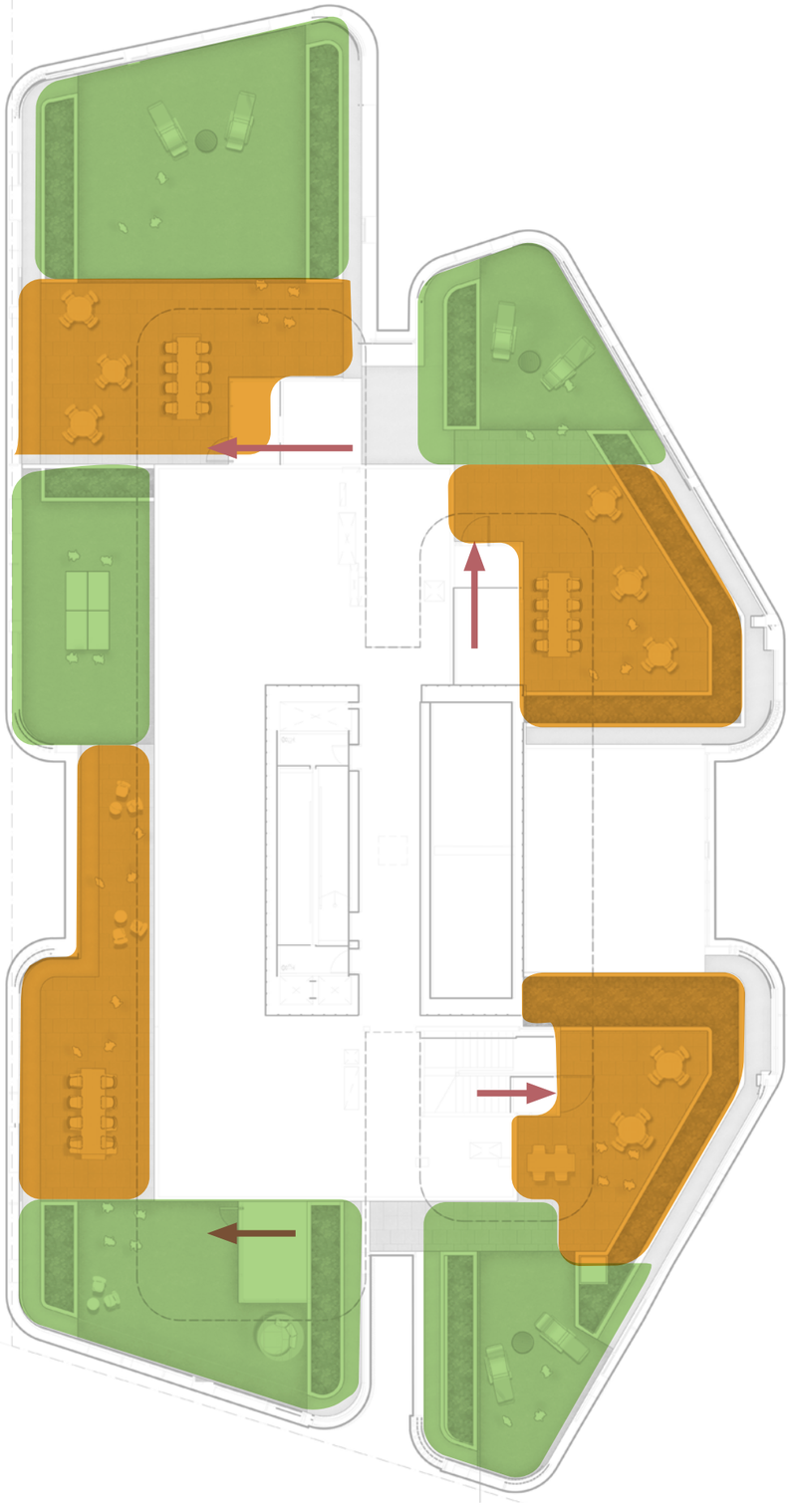
1. COMMUNAL SEATING AREA ON SYNTHETIC LAWN
2. COMMUNAL DINING AND BBQ AREAS ON PORCELAIN TILES
3. PODIUM RAISED PLANTERS
4. TABLE TENNIS ON SYNTHETIC LAWN
5. PRIVATE COURTYARDS WITH SUNBAKING ON SYNTHETIC LAWN AND DINING AREAS ON PORCELAIN TILES

LEVEL 38 SECTION



SECTION A

OPEN SPACE ZONE AND PROGRAM - ROOFTOP TERRACE BUILDING B (L45)



LEGEND:

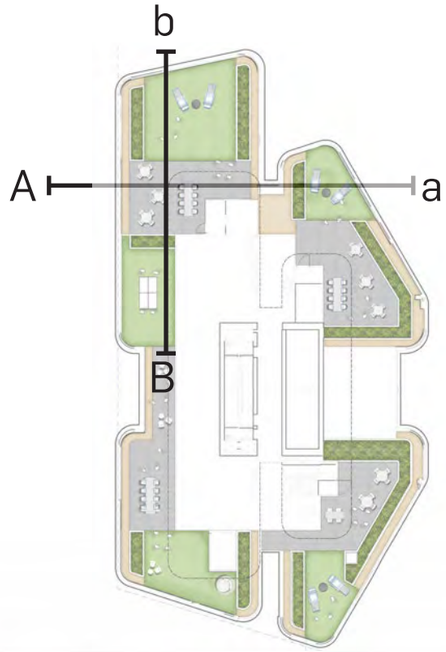
- Private Outdoor Dining
- Private Flexible Synthetic Turf Area
- Access Private

LANDSCAPE PLAN - ROOFTOP TERRACE BUILDING B (L45)

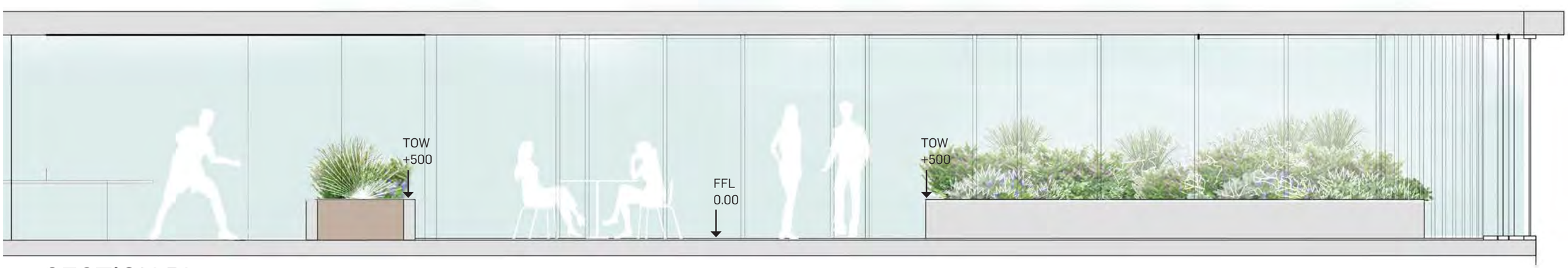
LEGEND:

1. PRIVATE SUNBAKING ON SYNTHETIC LAWN
2. PRIVATE DINING AREA ON PORCELAIN TILES
3. PODIUM RAISED PLANTERS
4. LOOSE STONES

LEVEL 45 SECTIONS

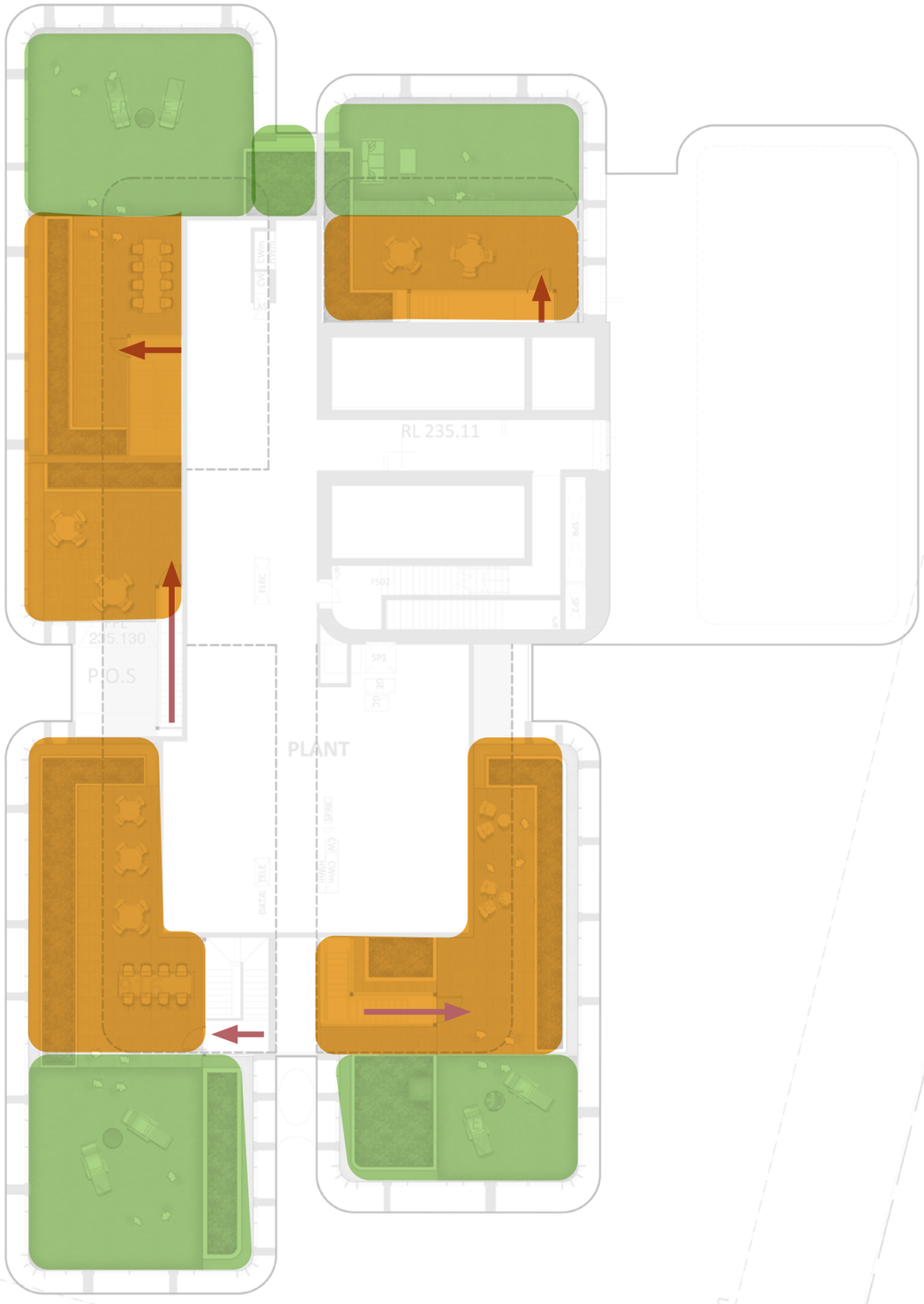


SECTION Aa



SECTION Bb

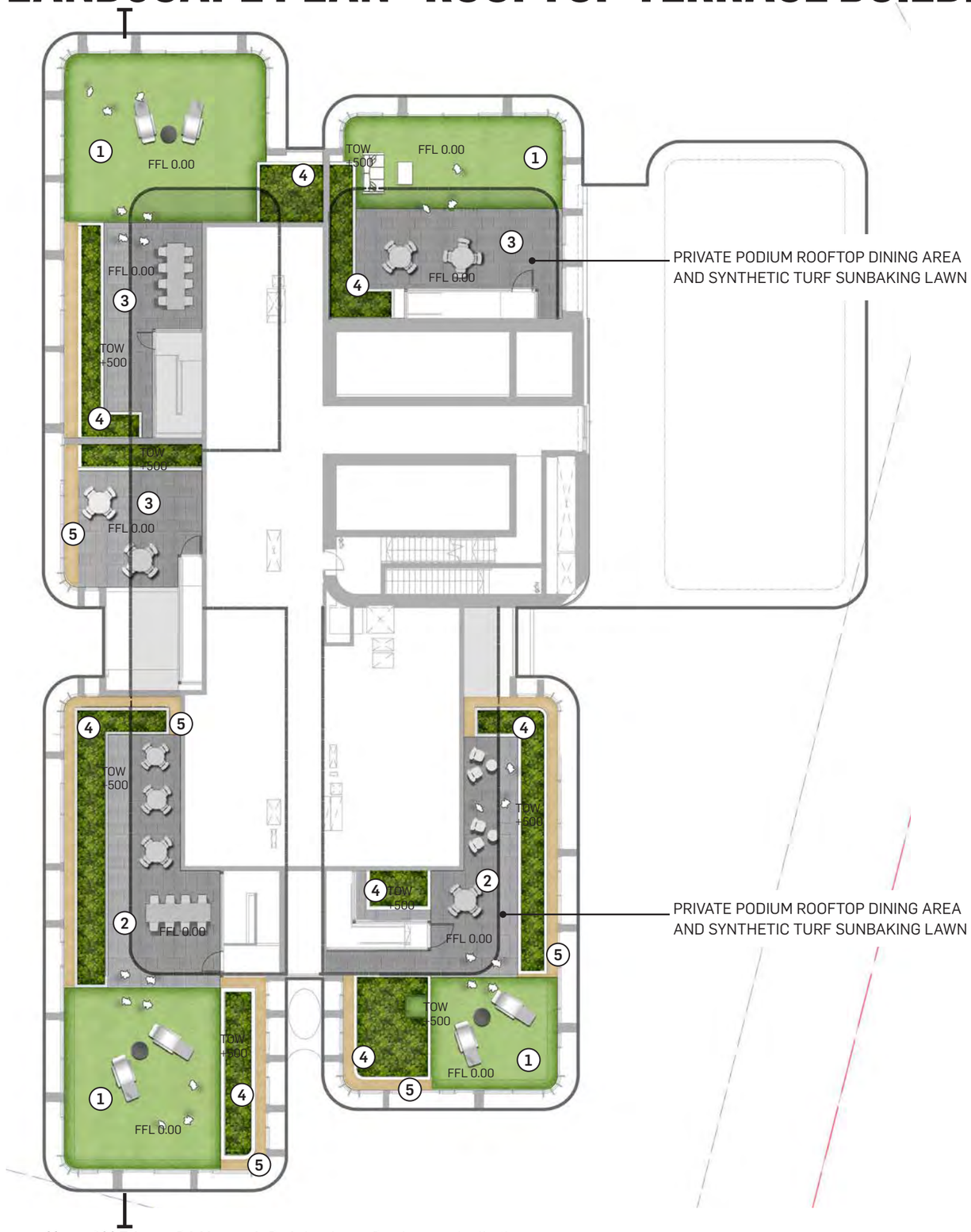
OPEN SPACE ZONE AND PROGRAM - ROOFTOP TERRACE BUILDING C (L59)



LEGEND:

- Outdoor Dining
- Flexible Synthetic Turf Area
- Access Private

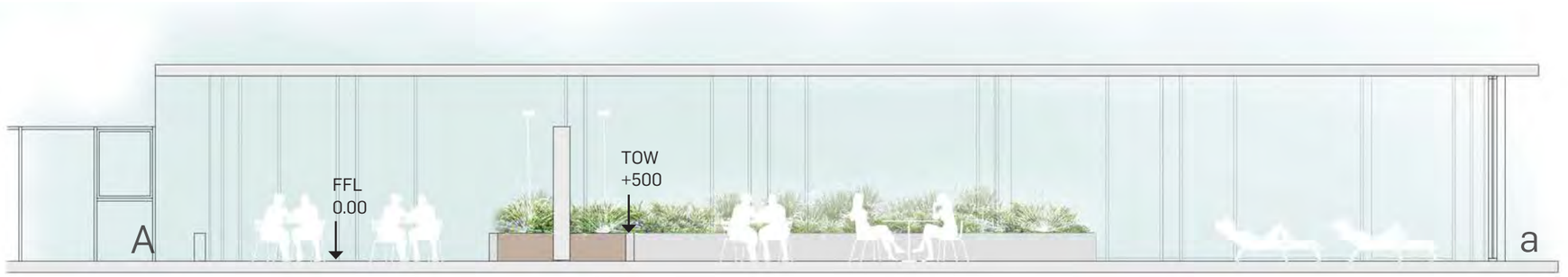
LANDSCAPE PLAN - ROOFTOP TERRACE BUILDING C (L59)



LEGEND:

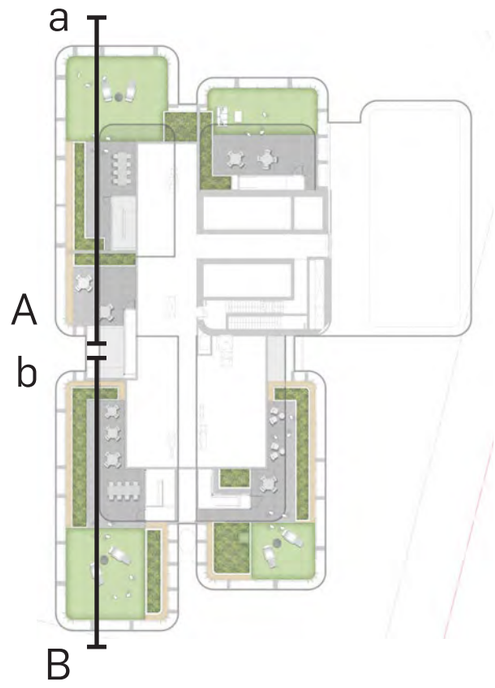
1. SUNBAKING ON SYNTHETIC LAWN
2. PRIVATE DINING AREA ON PORCELAIN TILES
3. PRIVATE INTIMATE DINING AND GATHERING AREAS
4. PODIUM RAISED PLANTERS
5. LOOSE STONES

LEVEL 59 SECTIONS



SECTION Aa

SECTION Bb



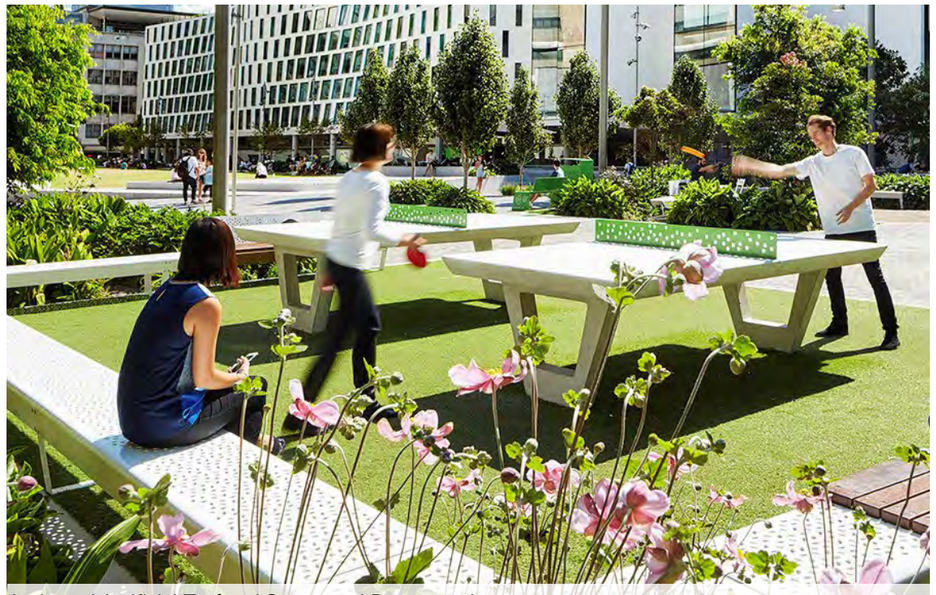
PRECEDENT IMAGERY - ROOFTOP

Communal BBQ Facilities

Communal Seating Areas

Planted Arbor Structure

Flexible Artificial Turf Area



Activated Artificial Turf and Communal Programming

Flexible Artificial Turf Area

PLANTING PALETTE

PLANT CODE	BOTANICAL NAME	COMMON NAME	MATURITY HEIGHT AND SPREAD (m)	SUPPLY HEIGHT AND SPREAD (m)	CONTAINER SIZE
TREES					
COR mac	Corymbia maculata	Spotted Gum	20m x 8m	4 x 2	200L
CUP ana	Cupaniopsis anadarioides	Tuckeroo	10m x 5m	4 x 2	200L
ELA ret	Elaeocarpus reticulatus	Blueberry Ash	9m x 3.5m	4 x 2	200L
GLE tri	Gleditsia triacanthos 'Sunburst'	oney locust	12 x 10	4 x 2	200L
TRI lau	Tristaniopsis laurina 'Luscious'	Water Gum	15m x 7m	4 x 2	200L
WAT flo	Waterhousia floribunda 'Sweeper'	Weeping Lilly Pilly	10m x 6	4 x 2	200L

SHRUBS & ACCENT PLANTS				
Metrosideros Fiju Fire	Metrosideros	1.5m x 1.5m	na	300mm
Phormium tenax 'Bronze Baby'	New Zealand Flax	0.4m x 0.6m	na	300mm
Bromeliad sp	Bromeliad	1m x 1m	na	45L
Callistemon 'White Anzac'	Callistemon	1.5m x 1.5m	na	200mm
Eremeophilia Glabra Prostrata	Tar Bush	1.5m x 1.5m	na	3100mm
Doryanthes excelsa	Gymea Lily	2.5m x 2.5m	na	45L
Grevillea 'Bronze Rambler'	Grevillea	3m x 2m	na	200mm
Phormium tenax 'Bronze Baby'	New Zealand Flax	1.2m x 1.2m	na	300L
Syzygium cascade	Lilly Pilly	3m x 2m	na	300mm
Westringia fruticosa 'Zena'	Coastal Rosemary	1.5m x 1.5m	na	200mm

GROUNDCOVERS & CLIMBERS				
Dianella longifolia 'Stripey White'	Pale Flax Lilly	0.5m x 0.5m	na	150mm
Dichondra repens	Kidney Weed	0.05 x 2m	na	100mm
Liriope muscari	Liriope	0.5m x 0.5m	na	150mm
Lomandra 'Tanika'	Spiny Matt Rush	1m x 1m	na	200mm
Myoporum pavifolium	Creeping boobialla	0.4m x 1m	na	150mm
Viola hederacea	Native Violet	0.1m x 1m	na	200mm

Planting Summary			
Total Planting Area : 3,524 **m²**	Exotic Plants	2127	12%
Total Turf Area: 1193 **m²**	Native Plants	16148	88%
	Total Plants	18275	

Note: Refer to detailed planting plans for plant quantities for each level

BOTANICAL NAME	COMMON NAME	MAT. H X S (m)	SUPP. H X S (m)	CONTAINER SIZE
ROOF GARDENS				
Westringia fruticosa 'Zena'	Coastal Rosemary	1.2m x 1.2m	na	100mm
Hardenbergia violacea	Purple Coral Pea	0.5m x 2m	na	100mm
Adenanthos cuneatus	Coral Drift	0.5m x 1.5m	na	100mm
Scaevola albida	White Fan Flower	0.5m x 1.5m	na	100mm
Brachyscome multifida	Cut Leaf Daisy	0.5m x 1.5m	na	100mm
Carpobrotus glaucescens	Pig Face	0.5m x 3m	na	100mm
Grevillea 'Royal Mantle'	Royal Mantle Grevillea	0.5m x 3m	na	100mm
Eremeophilia Glabra Prostrata	Tar Bush	1.5m x 1.5m	na	100mm

BUSHFIRE ASSET PROTECTION ZONE

PLANT CODE	BOTANICAL NAME	COMMON NAME	MATURITY HEIGHT AND SPREAD (m)	SUPPLY HEIGHT AND SPREAD (m)	CONTAINER SIZE
TREES					
COR mac	Corymbia maculata	Spotted Gum	25 x 15	4 x 2	200L
EUC sie	Eucalyptus sieberi	Silvertop Ash	25 x 15	4 x 2	200L
ELA ret	Elaeocarpus reticulatus	Blueberry Ash	9m x 3.5m	4 x 2	200L

SHRUBS & ACCENT PLANTS				
Banksia spinulosa	Hairpin Banksia	2 x 3 m	na	200mm
Doryanthes excelsa	Gymea Lily	1.5 x 1.5	na	200mm
Grevillea linearifolia	Linear-leaf Grevillea	2 x 1.5	na	200mm
Indigofera australis	Australian Indigo	2 x 2	na	200mm

GROUNDCOVERS & CLIMBERS				
Carpobrutus glaucescens	Pigface	0.5 x 3	na	100mm
Dianella longifolia	Flax Lily	0.5 x 0.5	na	100mm
Dianella prunina	Utopia Flax	0.5 x 0.5	na	100mm
Myoporum parvifolium	Boobialla	0.4 x 1	na	100mm
Scaevola aemula	Fairy Fan Flower	0.5 x 1.5	na	100mm

PLANTING SPECIES - GROUND LEVEL + PODIUM

TREES


Eucalyptus sargentii


Corymbia maculata


Tristaniopsis laurina ‘Luscious’


Cupaniopsis anadarioides


Elaeocarpus reticulatus


Magnolia grandiflora 'Exmouth'

SHRUBS AND ACCENT PLANTING


Grevillea 'Bronze Rambler'


Scaevola albida


Doryanthes excelsa


Westringia fruticosa ‘Naringa’


Rhaphis excels

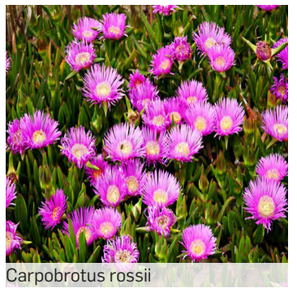

Philodendron xanadu


Dietes grandiflora


Hardenbergia violacea


Phormium tenax ‘Bronze Baby’


Bromeliad sp


Carpobrotus rossii


Syzygium cascade

GROUNDCOVERS AND GRASSES


Dianella longifolia ‘Stripey White’


Myoporum pavifolium


Viola hederacea


Dichondra repens


Liriope muscari


Lomandra 'Tanika'

100-108 TALAVERA ROAD, MACQUARIE PARK

PLANTING PLAN - GROUND LEVEL

Angel Place, Level 8, 123 Pitt Street | Sydney NSW 2000 Australia | +61 2 8233 9900 | URBIS Pty Ltd | ABN 50 105 256 228

Note: Refer Detailed Architectural DA Drawings'

REV	DESCRIPTION	DWN	CHK	DATE
B	DEVELOPMENT APPLICATION	LB	YV	13.01.2023
A	DEVELOPMENT APPLICATION	SO	JN	16.06.2022

DISCLAIMER

CLIENT
MERITON

1:200 @ A1 — 1:400 @ A3 — 2 4 6 8 10m

PROJECT NO. P0035880
DATE 13.01.2022
DRAWING NO. 001
REVISION B

100-108 TALAVERA ROAD, MACQUARIE PARK
PLANTING PLAN - GROUND LEVEL

Note: Refer Detailed Architectural DA Drawings'

REV	DESCRIPTION	DWN	CHK	DATE
B	DEVELOPMENT APPLICATION	LB	YV	13.01.2023
A	DEVELOPMENT APPLICATION	SO	JN	16.06.2022

CLIENT
MERITON

PROJECT NO. P0035880
DATE 13.01.2023
DRAWING NO. 002
REVISION B

1:200 @ A1 1:400 @ A3
2 4 6 8 10m

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Angel Place, Level 8, 123 Pitt Street | Sydney NSW 2000 Australia | +61 2 8233 9900 | URBIS Pty Ltd | ABN 50 105 256 228

Trees

PLANT CODE	BOTANIC NAME	POT SIZE	SPACING	Qty.
COR mac	Corymbia maculata	200 Litre	AS SHOWN	13
CUP ana	Cupaniopsis anadarioides	200L	AS SHOWN	2
ELA ret	Elaeocarpus reticulatus	200L	AS SHOWN	4
EUC sar	Eucalyptus sargentii	200L	AS SHOWN	17
GLE tri	Gleditsia triacanthos 'Sunburst'	200L	AS SHOWN	2
MAG gra	Magnolia grandiflora 'Exmouth'	200L	AS SHOWN	5
TRI lau	Tristaniopsis laurina 'Luscious'	200L	AS SHOWN	36

Shrubs

PLANT CODE	BOTANIC NAME	POT SIZE	SPACING	Qty.
AGA att	Agave attenuata	300mm	600 mm	21
BRO spp	Bromeliad sp	300mm	600 mm	17
DOR exc	Doryanthes excelsa	300mm	1.0 m	53
GAR aug	Gardenia augusta	300mm	600 mm	40
MUR pan	Murraya panniculata	300mm	600 mm	77
NAN dom	Nandina domestica	300mm	600 mm	55
PHI xan	Philodendron xanadu	300mm	600 mm	178
RAP exc	Rhaphis excels	300mm	600 mm	96
WES nar	Westringia fruticosa 'Naringa'	300mm	600 mm	23

Ground Covers (m²)

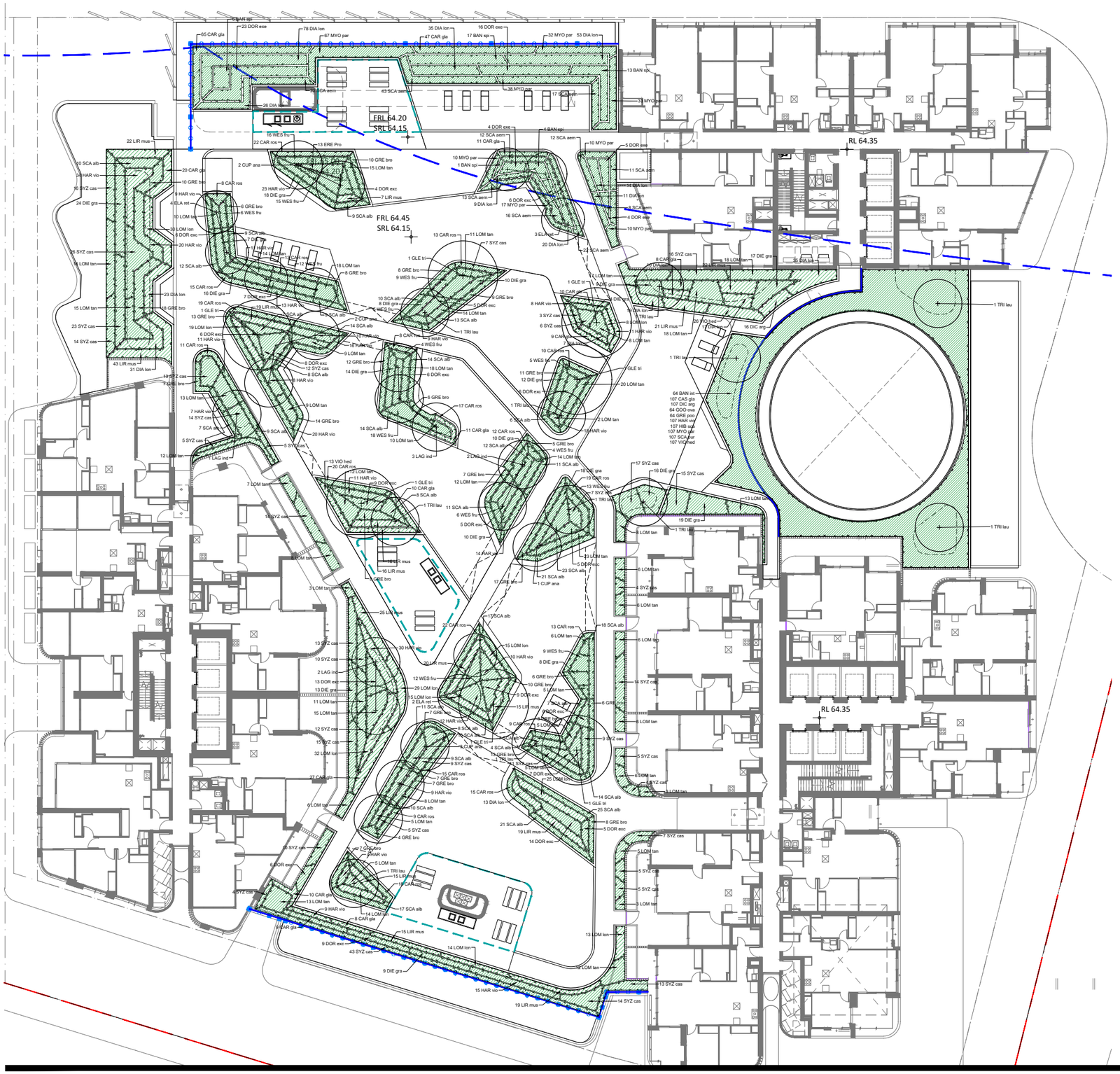
PLANT CODE	BOTANIC NAME	POT SIZE	SPACING	Qty.
CAR gla	Carpobrotus glaucescens	200mm	450 mm	52
DIA lon	Dianella longifolia 'Stripey White'	200mm	450 mm	342
DIC arg	Dichondra repens	200mm	450 mm	59
HAR vio	Hardenbergia violacea	200mm	450 mm	81
LIR mus	Liriope muscari	200mm	450 mm	97
LOM ver	Lomandra 'Verday'	200mm	450 mm	389
LOM lon	Lomandra longifolia	200mm	450 mm	770
MYO par	Myoporum parvifolium	200mm	450 mm	326
VIO hed	Viola hederacea	200mm	450 mm	23

apz mix shrub

PLANT CODE	BOTANIC NAME	(%)	SPACING	POT SIZE	Qty.
CAR gla	Carpobrotus glaucescens	15	450 mm	200mm	759
DIA cae	Dianella caerula	30	450 mm	200mm	1517
DOR exe	Doryanthes excelsa	5	1.0 m	45L	50
GRE lin	Grevillea linearifolia	5	1.0 m	45L	50
MYO par	Myoporum parvifolium	15	450 mm	200mm	759
SCA aem	Scaevola aemula	30	450 mm	200mm	1517

Mix 01 (%)

PLANT CODE	BOTANIC NAME	(%)	SPACING	POT SIZE	Qty.
BAU jun	Baumea juncea	14	450 mm	200mm	305
CAR app	Carex appressa	14	450 mm	200mm	305
GAH sie	Gahnia sieberiana	14	450 mm	200mm	305
IMP cyl	Imperata cylindrica	14	450 mm	200mm	305
ISO nod	Isolepis nodosa	14	450 mm	200mm	305
JUN usi	Juncus usitatus	15	450 mm	200mm	327
LOM lon	Lomandra longifolia	15	450 mm	200mm	327



APZ

PLANT CODE	BOTANIC NAME	COMMON NAME	POT SIZE	SPACING	Qty.
BAN spi	Banksia spinulosa	Hairpin Banksia	45L	700 mm	41
CAR gla	Carpobrotus glaucescens	Pigface	200mm	400 mm	123
DIA lon	Dianella longifolia	Smooth Flax Lily	200mm	400 mm	246
DOR exe	Doryanthes excelsa	Gymea Lily	45L	700 mm	52
MYO par	Myoporum parvilfolium	Boobialla	200mm	400 mm	217
SCA aem	Scaevola aemula	Fairy Fan Flower	200mm	400 mm	177

Ground Covers

PLANT CODE	BOTANIC NAME	COMMON NAME	POT SIZE	SPACING	Qty.
CAR gla	Carpobrotus glaucescens	Pigface	200mm	450 mm	122
DIA lon	Dianella longifolia 'Stripey White'	Smooth Flax Lily	200mm	450 mm	155
DIC arg	Dichondra repens	Kidney Weed	200mm	450 mm	16
HAR vio	Hardenbergia violacea	Native Sarsaparilla	200mm	450 mm	191
LIR mus	Liriope muscari	Lily Turf	200mm	450 mm	294
LOM lon	Lomandra longifolia	Spiny-headed Matrush	200mm	450 mm	214
VIO hed	Viola hederacea	Native Violet	200mm	450 mm	39

Shrubs

PLANT CODE	BOTANIC NAME	COMMON NAME	POT SIZE	SPACING	Qty.
CAR ros	Carpobrotus rossii	Pig Face	100mm	400 mm	288
DIE gra	Dietes grandiflora	Wild Iris	200mm	500 mm	242
DOR exc	Doryanthes excelsa	Gymea Lily	45L	700 mm	142
ERE Pro	Eremeophilia Glabra Prostrata	Tar Bush	100mm	500 mm	13
GRE bro	Grevillea 'Bronze Rambler'	Bronze Rambler	200mm	500 mm	247
HAR vio	Hardenbergia violacea	Purple Coral Pea	100mm	400 mm	151
LOM tan	Lomandra longifolia 'tanika'	Spiny-headed Matrush	200mm	400 mm	506
SCA alb	Scaevola albida	White Fan Flower	100mm	400 mm	421
WES fru	Westringia fruticosa 'Zena'	Coastal Rosemary	200mm	500 mm	134
SYZ cas	Syzygium 'Cascade'	Lilly Pilly	45L	500mm	425

Green Roof Mix

PLANT CODE	BOTANIC NAME	COMMON NAME	SPACING	POT SIZE	(%)	Qty.
BAN int	Banksia integrifolia	Coastal Banksia	600 mm	300mm	10	64
CAS gla	Casurina glauca	Swamp Oak	450 mm	200mm	10	107
DIC arg	Dichondra repens	Kidney weed	450 mm	200mm	10	107
GOO ova	Goodenia ovata	Goodenia	600 mm	200mm	10	64
GRE poo	Grevillea 'Poorinda Royal Mantle'	Grevillea	600 mm	300mm	10	64
HAR vio	Hardenbergia violacea	Native Sarsaparilla	450 mm	200mm	10	107
HIB sca	Hibbertia scandens	Guinea Flower	450 mm	200mm	10	107
MYO par	Myoporum parvifolium	Boobialla	450 mm	200mm	10	107
SCA pur	Scaevola 'Purple Fusion'	Scaevola	450 mm	200mm	10	107
VIO hed	Viola hederacea	Native Violet	450 mm	200mm	10	107

Trees

PLANT CODE	BOTANIC NAME	COMMON NAME	POT SIZE	SPACING	HEIGHT x SPREAD (m)	Qty.
CUP ana	Cupaniopsis anacardioides	Tuckeroo	200L	AS SHOWN	10m x 5m	8
ELA ret	Elaeocarpus reticulatus	Blueberry Ash	200L	AS SHOWN	10m x 6m	9
GLE tri	Glitzia triacanthos 'Sunburst'	Golden Honey Locust	200L	AS SHOWN	15m x 7m	7
LAG ind	Lagerstroemia indica	Crepe Myrtle	200L	AS SHOWN	8m x 5m	8
TRI lau	Tristaniopsis laurina 'Luscious'	Water Gum	200L	AS SHOWN	15m x 7m	11

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100-108 TALAVERA ROAD, MACQUARIE PARK

PLANTING PLAN - LEVEL 5

40 100 **Talavera Rd, Macquarie Park** Landscape Development Application

Angel Place, Level 8, 123 Pitt Street | Sydney NSW 2000 Australia | +61 2 8233 9900 | URBIS Pty Ltd | ABN 50 105 256 228

REV	DESCRIPTION	DWN	CHK	DATE
A	DEVELOPMENT APPLICATION	SO	JN	16.06.2022

CLIENT

MERITON

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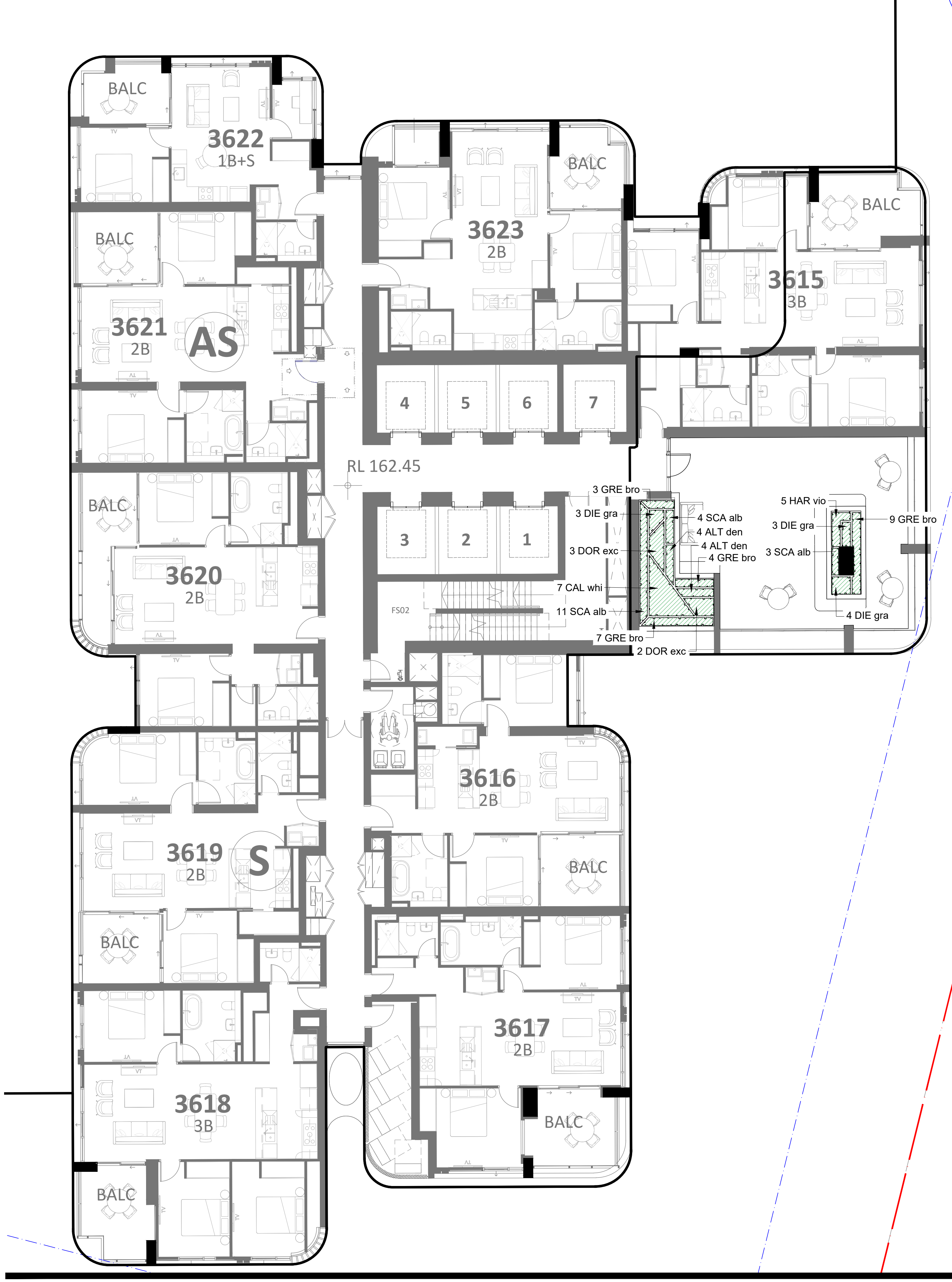
PROJECT NO. P0035880

DATE 16.06.2022

DRAWING NO. 004

REVISION A



Ground Covers (m²)

PLANT CODE	BOTANIC NAME	COMMON NAME	SPACING	POT SIZE	Qty.
ALT den	Altenanthera dentata'Red Ruby'	Little Ruby	400 mm	200mm	8
GRE bro	Grevillea 'Bronze Rambler'	Bronze Rambler	400 mm	200mm	23
HAR vio	Hardenbergia violacea	Purple Coral Pea	400 mm	100mm	5
SCA alb	Scaevola albida	White Fan Flower	400 mm	100mm	18

Shrubs

PLANT CODE	BOTANIC NAME	COMMON NAME	SPACING	POT SIZE	Qty.
CAL whi	Callistemon 'White Anzac'	Callistemon	600 mm	200mm	7
DIE gra	Dietes grandiflora	Wild Iris	400 mm	200mm	10
DOR exc	Doryanthes excelsa	Gymea Lily	600 mm	45L	5

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100-108 TALAVERA ROAD, MACQUARIE PARK

PLANTING PLAN - BUILDING C - LEVEL 19, 36

Angel Place, Level 8, 123 Pitt Street | Sydney NSW 2000 Australia | +61 2 8233 9900 | URBIS Pty Ltd | ABN 50 105 256 228

REV	DESCRIPTION	DWN	CHK	DATE
A	DEVELOPMENT APPLICATION	SO	JN	16.06.2022

CLIENT
MERITON

Prepared by Urbis for PTW + Meriton

1:100 @ A1 1:200 @ A3

1 2 3 4 5m

PROJECT NO. P0035880

DATE 16.06.2022

DRAWING NO. 005

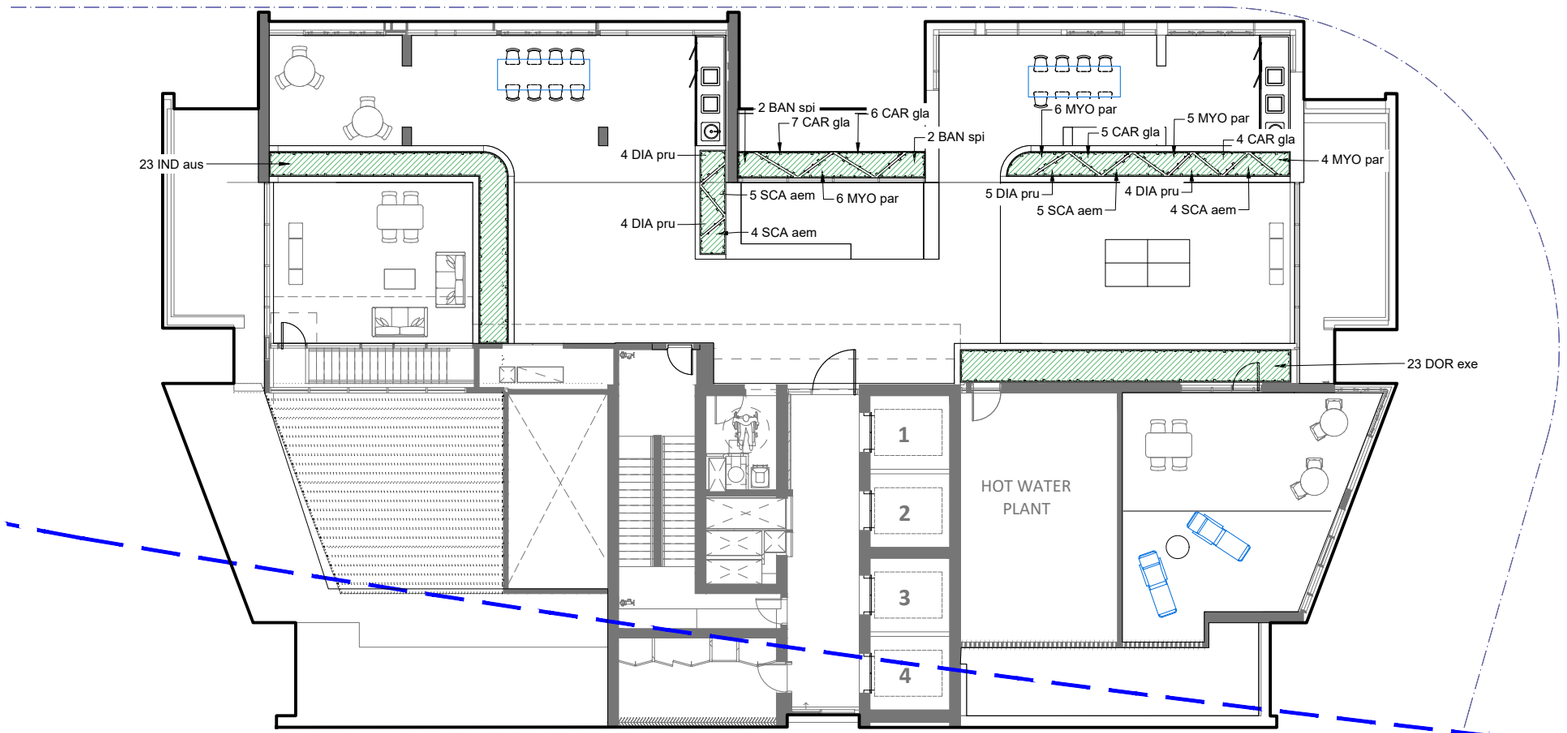
REVISION A

APZ Groundcovers

PLANT CODE	BOTANIC NAME	COMMON NAME	SPACING	POT SIZE	Qty.
CAR gla	Carpobrotus glaucescens	Pigface	400 mm	200mm	22
DIA pru	Dianella prunina	Utopia Native Flax	400 mm	200mm	17
MYO par	Myoporum parvilfolium	Boobialla	400 mm	200mm	21
SCA aem	Scaevola aemula	Fairy Fan Flower	400 mm	200mm	18

APZ Shrubs

PLANT CODE	BOTANIC NAME	COMMON NAME	SPACING	POT SIZE	Qty.
BAN spi	Banksia spinulosa	Hairpin Banksia	700 mm	45L	4
DOR exe	Doryanthes excelsa	Gymea Lily	700 mm	45L	23
IND aus	Indigofera australis	Australian Indigo	700 mm	45L	23



REV	DESCRIPTION	DWN	CHK	DATE
A	DEVELOPMENT APPLICATION	SO	JN	16.06.2022

CLIENT

MERITON

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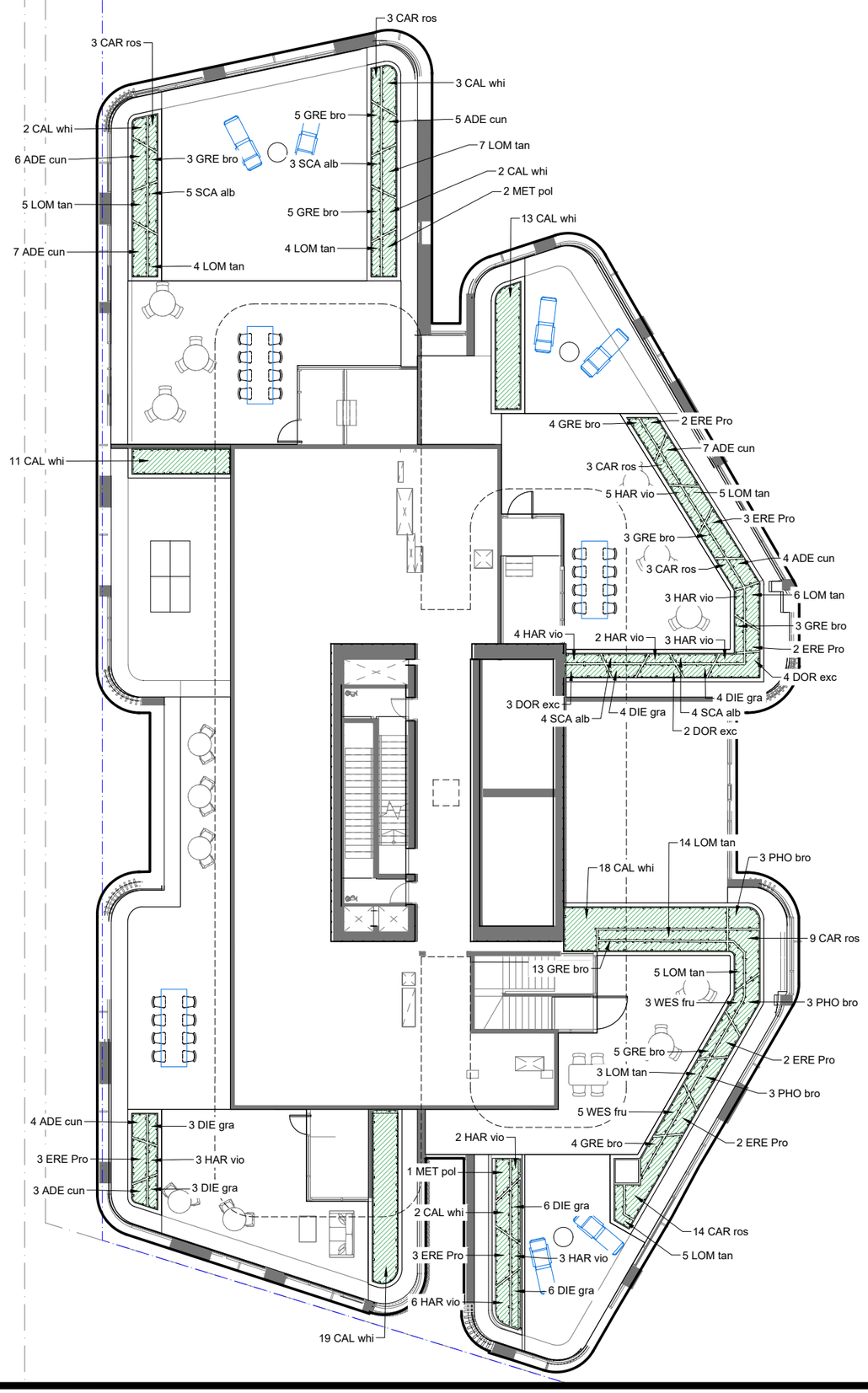
1:100 @ A1 1:200 @ A3

PROJECT NO. P0035880

DATE 16.06.2022

DRAWING NO. 006

REVISION A



Ground Covers (m²)

PLANT CODE	BOTANIC NAME	COMMON NAME	SPACING	POT SIZE	Qty.
ADE cun	Adenanthos cuneatus	Coral Drift	400 mm	100mm	36
CAR ros	Carpobrotus rossi	Pig Face	400 mm	100mm	35
GRE bro	Grevillea 'Bronze Rambler'	Bronze Rambler	400 mm	200mm	45
HAR vio	Hardenbergia violacea	Purple Coral Pea	400 mm	100mm	31
SCA alb	Scaevola albida	White Fan Flower	400 mm	100mm	16

Shrubs

PLANT CODE	BOTANIC NAME	COMMON NAME	SPACING	POT SIZE	Qty.
CAL whi	Callistemon 'White Anzac'	Callistemon	600 mm	200mm	70
DIE gra	Dietes grandiflora	Wild Iris	400 mm	200mm	26
DOR exc	Doryanthes excelsa	Gymea Lily	600 mm	45L	9
ERE Pro	Eremeophilia Glabra Prostrata	Tar Bush	600 mm	100mm	17
LOM tan	Lomandra longifolia 'Tanika'	Spiny-headed Matrush	400 mm	200mm	58
MET pol	Metrosideros Fiju Fire	Metrosideros	800 mm	300mm	3
PHO bro	Phormium tenax 'Bronze Baby'	New Zealand Flax	600 mm	300mm	9
WES fru	Westringia fruticosa 'Zena'	Coastal Rosemary	400 mm	200mm	8

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100-108 TALAVERA ROAD, MACQUARIE PARK

PLANTING PLAN - BUILDING A - LEVEL 45

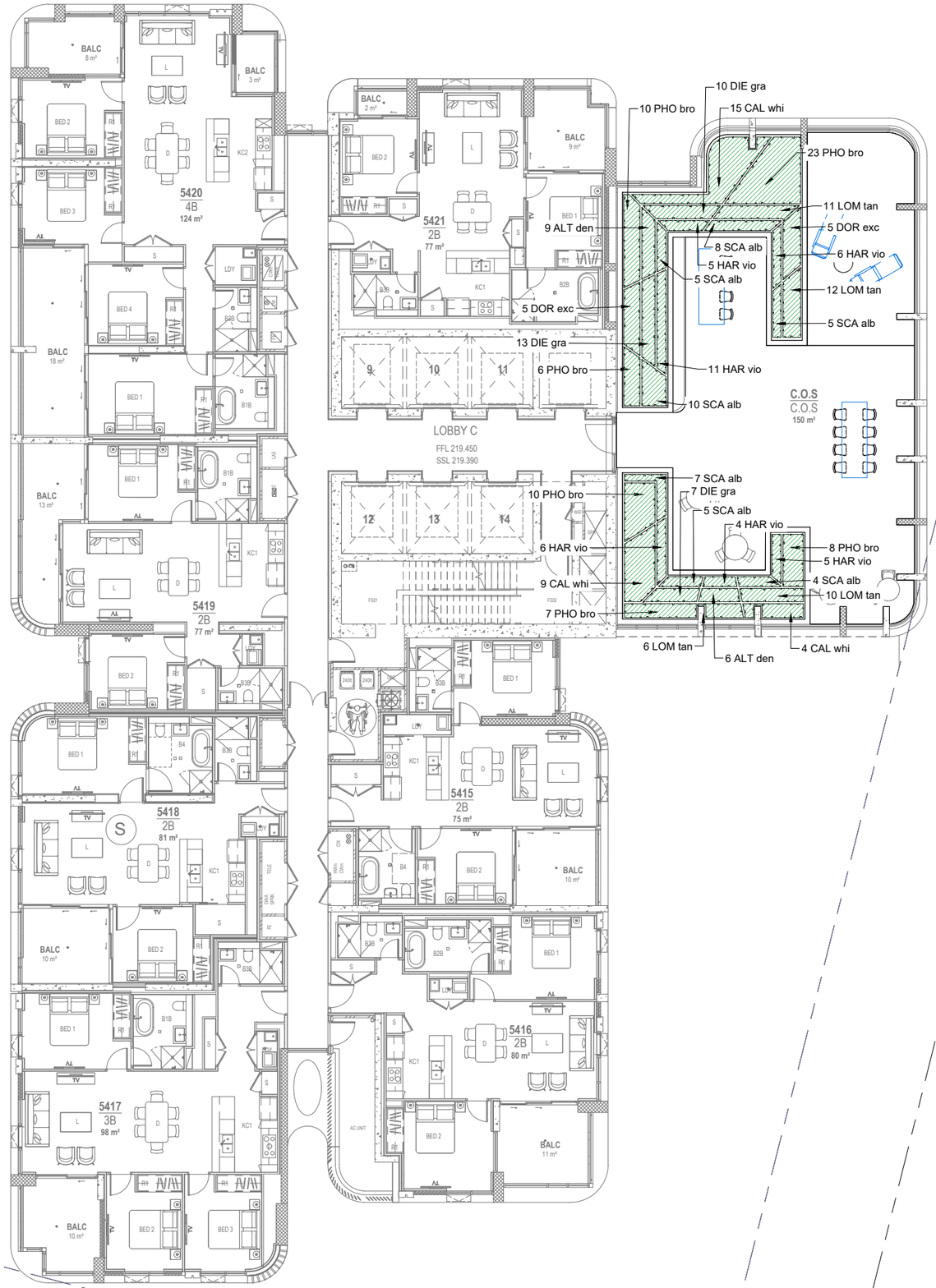
Angel Place, Level 8, 123 Pitt Street | Sydney NSW 2000 Australia | +61 2 8233 9900 | URBIS Pty Ltd | ABN 50 105 256 228

REV	DESCRIPTION	DWN	CHK	DATE
A	DEVELOPMENT APPLICATION	SO	JN	16.06.2022

CLIENT
MERITON

Prepared by Urbis for PTW + Meriton

PROJECT NO. P0035880
DATE 16.06.2022
DRAWING NO. 007
REVISION A



Ground Covers (m²)

PLANT CODE	BOTANIC NAME	COMMON NAME	SPACING	POT SIZE	Qty.
ALT den	Altenanthera dentata'Red Ruby'	Little Ruby	400 mm	200mm	15
HAR vio	Hardenbergia violacea	Purple Coral Pea	400 mm	100mm	37
SCA alb	Scaevola albida	White Fan Flower	400 mm	100mm	44

Shrubs

PLANT CODE	BOTANIC NAME	COMMON NAME	SPACING	POT SIZE	Qty.
CAL whi	Callistemon 'White Anzac'	Callistemon	600 mm	200mm	28
DIE gra	Dietes grandiflora	Wild Iris	400 mm	200mm	30
DOR exc	Doryanthes excelsa	Gymea Lily	600 mm	45L	10
LOM tan	Lomandra longifolia 'Tanika'	Spiny-headed Matrush	400 mm	200mm	39
PHO bro	Phormium tenax 'Bronze Baby'	New Zealand Flax	500 mm	300L	64

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100-108 TALAVERA ROAD, MACQUARIE PARK

PLANTING PLAN - BUILDING A - LEVEL 54

44 100 **Talavera Rd, Macquarie Park** Landscape Development Application

Angel Place, Level 8, 123 Pitt Street | Sydney NSW 2000 Australia | +61 2 8233 9900 | URBIS Pty Ltd | ABN 50 105 256 228

REV	DESCRIPTION	DWN	CHK	DATE
A	DEVELOPMENT APPLICATION	SO	JN	16.06.2022

CLIENT
MERITON

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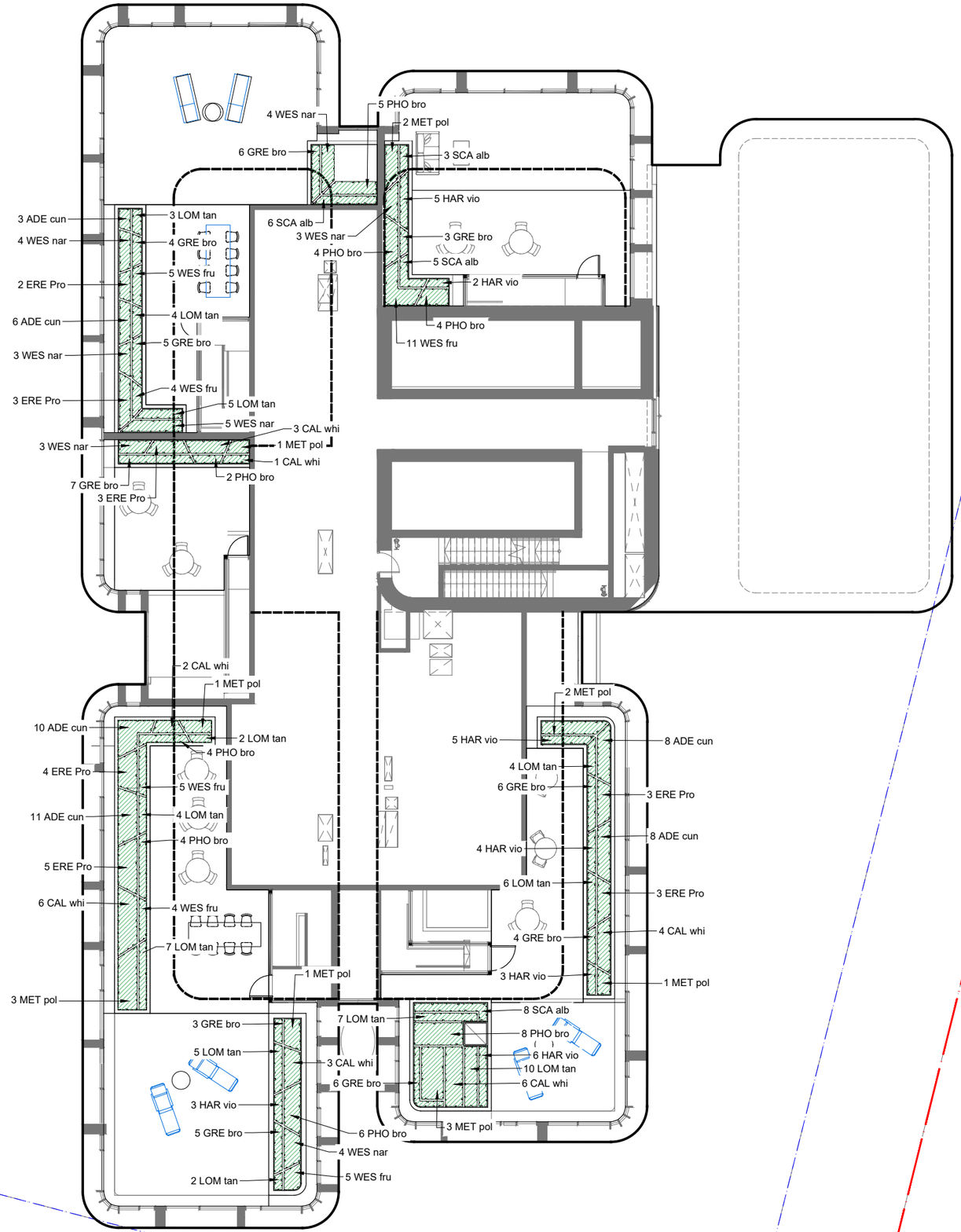
PROJECT NO. P0035880
DATE 16.06.2022
DRAWING NO. 008
REVISION A



Ground Covers (m²)

PLANT CODE	BOTANIC NAME	COMMON NAME	SPACING	POT SIZE	Qty.
ADE cun	Adenanthos cuneatus	Coral Drift	400 mm	100mm	46
GRE bro	Grevillea 'Bronze Rambler'	Bronze Rambler	400 mm	200mm	49
HAR vio	Hardenbergia violacea	Purple Coral Pea	400 mm	100mm	28
SCA alb	Scaevola albida	White Fan Flower	400 mm	100mm	22

Shrubs

PLANT CODE	BOTANIC NAME	COMMON NAME	SPACING	POT SIZE	Qty.
CAL whi	Callistemon 'White Anzac'	Callistemon	600 mm	200mm	25
ERE Pro	Eremeophilia Glabra Prostrata	Tar Bush	600 mm	100mm	23
LOM tan	Lomandra longifolia 'Tanika'	Spiny-headed Matrush	400 mm	200mm	59
MET pol	Metrosideros Fiju Fire	Metrosideros	800 mm	300mm	14
PHO bro	Phormium tenax 'Bronze Baby'	New Zealand Flax	500 mm	300L	37
WES fru	Westringia fruticosa 'Zena'	Coastal Rosemary	400 mm	200mm	34
WES nar	Westringia fruticosa 'Naringa'	Coastal Rosemary	500 mm	200mm	26

100-108 TALAVERA ROAD, MACQUARIE PARK

PLANTING PLAN - BUILDING C - LEVEL 59

Angel Place, Level 8, 123 Pitt Street | Sydney NSW 2000 Australia | +61 2 8233 9900 | URBIS Pty Ltd | ABN 50 105 256 228

REV	DESCRIPTION	DWN	CHK	DATE
A	DEVELOPMENT APPLICATION	SO	JN	16.06.2022

CLIENT
MERITON

Prepared by Urbis for PTW + Meriton

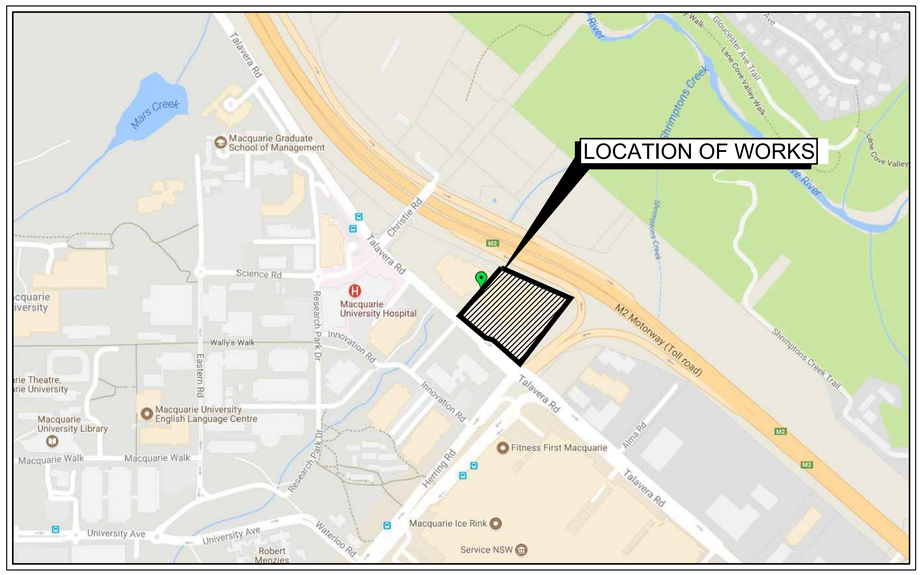
PROJECT NO. P0035880
DATE 16.06.2022
DRAWING NO. 009
REVISION A

0 1 2 3 4 5m

100 TALAVERA ROAD
MACQUARIE PARK PHASE 2 ON-LOT
DA CIVIL WORKS PACKAGE

DRAWING LIST

DWG No.	DRAWING TITLE
DAC401	COVER SHEET AND LOCALITY PLAN
DAC402	GENERAL NOTES AND LEGENDS
DAC403	PHASING PLAN
DAC404	GENERAL ARRANGEMENT PLAN
DAC405	TYPICAL SECTIONS SHEET 1
DAC406	TYPICAL SECTIONS SHEET 2
DAC410	SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 1
DAC411	SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 2
DAC415	DRIVEWAY AND TURNING HEAD PLAN
DAC416	PAVEMENT PLAN
DAC420	STORMWATER TREATMENT TANK PLAN & SECTIONS
DAC421	STIEWORKS DETAILS
DAC422	STORMWATER DETAILS
DAC441	STORMWATER DRAINAGE CATCHMENT PLAN
DAC470	EROSION AND SEDIMENTATION CONTROL PLAN
DAC471	EROSION AND SEDIMENTATION CONTROL DETAILS



Issue	Description	Date
B	ISSUED FOR APPROVAL	01-07-22
A	ISSUED FOR APPROVAL	07-12-21

100mm on Original

Bar Scales

Client
KARIMBLA
CONSTRUCTION SERVICES (NSW)
PTY LIMITED
Level 11, 528 Kent Street, Sydney NSW 2000
Tel: (02) 9287 2888 Fax: (02) 9287 2777
Email: info@design.meriton.com.au
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Scales	N.T.S.	Drawn	CK
		Designed	CK
Grid	MGA	Checked	GJ
Height Datum	AHD	Approved	AT

DIAL 1100 BEFORE YOU DIG

Project
100 TALAVERA ROAD
MACQUARIE PARK
PHASE 2 BUILDING

Title
COVER SHEET AND
LOCALITY PLAN

Civil Engineers and Project Managers
at&l
Level 7, 153 Walker Street
North Sydney NSW 2060
ABN 96 130 882 405
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Status
FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Drawing No.	Project No.	Issue
DAC401	16-428	B

F:\16-428 118 Talavera Road\Drgs\Civil\Final\DA - Building Phase 2 Package\DAC401.dwg

SITEWORKS LEGEND

EXISTING

- EXISTING BOUNDARY
- +213.00 SURFACE LEVEL
- 213.0 CONTOUR
- FENCE
- EXISTING TREE
- G EXISTING GAS (DBYD)
- P EXISTING PRIMUS (DBYD)
- AAR EXISTING AARNET (DBYD)
- NG EXISTING NEXTGEN (DBYD)
- LUM EXISTING LUMINET (DBYD)
- UE EXISTING UECOMM (DBYD)
- S EXISTING SEWER (DBYD)
- T EXISTING TELSTRA (DBYD)
- VN EXISTING VERIZON (DBYD)
- SW EXISTING STORMWATER (SURVEY)

PROPOSED

- PROPOSED BOUNDARY
- BOUNDARY TO BE REMOVED
- 213.0 PROPOSED CONTOUR
- ● F213.00 PROPOSED SURFACE LEVEL
- K&G KERB AND GUTTER (REFER TO CoR STD DWG CIV 1.1.1)
- KO KERB ONLY (REFER TO CoR STD DWG CIV 1.1.1)
- DD DISH DRAIN (REFER TO CoR STD DWG CIV 1.1.1)
- VC VEHICULAR CROSSING (REFER TO CoR STD DWG CIV 1.1.1)
- PR PRAM RAMP (REFER TO CoR STD DWG CIV 2.2.2)
- KERB INLET PIT (1.8m LINTEL) (REFER TO CoR STD DWG SWD 1.1.1)
- JUNCTION PIT (INFILL LID) (REFER TO CoR STD DWG SWD 1.8.1)
- STORMWATER PIT WITH GRATE AND LINE
- SURFACE INLET PIT
- RETAINING WALL
- EXISTING TREE TO BE REMOVED

CONTRACTOR SHALL CALL;
DIAL BEFORE YOU DIG 1100
PRIOR TO COMMENCEMENT OF WORK TO OBTAIN ALL CURRENT SERVICE AUTHORITY PLANS

DIAL 1100 BEFORE YOU DIG

CONCRETE NOTES

1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS 3600 CURRENT EDITION WITH AMENDMENTS, EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.
2. CONCRETE QUALITY
   ALL REQUIREMENTS OF THE CURRENT ACSE CONCRETE SPECIFICATION DOCUMENT 1 SHALL APPLY TO THE FORMWORK, REINFORCEMENT AND CONCRETE UNLESS NOTED OTHERWISE.

ELEMENT	AS 3600 F'c MPa AT 28 DAYS	SPECIFIED SLUMP	NOMINAL AGG. SIZE
VEHICULAR BASE	32	60	20
KERBS, PATHS, AND PITS	25	80	20

   - CEMENT TYPE SHALL BE (ACSE SPECIFICATION) TYPE SL
   - PROJECT CONTROL TESTING SHALL BE CARRIED OUT IN ACCORDANCE WITH AS 1379.
3. NO ADMIXTURES SHALL BE USED IN CONCRETE UNLESS APPROVED IN WRITING BY AT & L.
4. CLEAR CONCRETE COVER TO ALL REINFORCEMENT FOR DURABILITY SHALL BE 40mm TOP AND 70mm FOR EXTERNAL EDGES UNLESS NOTED OTHERWISE.
5. ALL REINFORCEMENT SHALL BE FIRMLY SUPPORTED ON MILD STEEL PLASTIC TIPPED CHAIRS, PLASTIC CHAIRS OR CONCRETE CHAIRS AT NOT GREATER THAN 1m CENTRES BOTH WAYS. BARS SHALL BE TIED AT ALTERNATE INTERSECTIONS.
6. THE FINISHED CONCRETE SHALL BE A DENSE HOMOGENEOUS MASS, COMPLETELY FILLING THE FORMWORK, THOROUGHLY EMBEDDING THE REINFORCEMENT AND FREE OF STONE POCKETS. ALL CONCRETE INCLUDING SLABS ON GROUND AND FOOTINGS SHALL BE COMPACTED AND CURED IN ACCORDANCE WITH R.T.A. SPECIFICATION R83.
7. REINFORCEMENT SYMBOLS:
   N DENOTES GRADE 450 N BARS TO AS 1302 GRADE N
   R DENOTES 230 R HOT ROLLED PLAIN BARS TO AS 1302
   SL DENOTES HARD-DRAWN WIRE REINFORCING FABRIC TO AS 1304

   NUMBER OF BARS IN GROUP — BAR GRADE AND TYPE
   17 N 20 250
   NOMINAL BAR SIZE IN mm — SPACING IN mm

   THE FIGURE FOLLOWING THE FABRIC SYMBOL SL IS THE REFERANCE NUMBER FOR FABRIC TO AS 1304.
8. FABRIC SHALL BE LAPPED IN ACCORDANCE WITH THE FOLLOWING DETAIL:

STORMWATER DRAINAGE NOTES

1. STORMWATER DESIGN CRITERIA:
   (A) AVERAGE RECURRENCE INTERVAL:
   1:100 YEARS ROOFED AREAS TO SURCHARGE PIT
   1:20 YEARS EXTERNAL PAVEMENTS
   (B) RAINFALL INTENSITIES:
   TIME OF CONCENTRATION 5 MINUTES
   1:100 YEARS= 247.4 mm/hr
   1:20 YEARS= 194.9 mm/hr
   (C) RUNOFF COEFFICIENTS:
   ROOF AREAS: C_{100} =1.0
   EXTERNAL PAVEMENTS: C_{20} =1.0
2. PIPES 300 DIA. AND LARGER TO BE REINFORCED CONCRETE CLASS '3' AND '4' APPROVED SPIGOT AND SOCKET WITH RUBBER RING JOINTS. U.N.O. REFER TO DRAWING C063 FOR DETAILS
3. PIPES UP TO 300 DIA SHALL BE SEWER GRADE uPVC WITH SOLVENT WELDED JOINTS.
4. EQUIVALENT STRENGTH VCP OR FRC PIPES MAY BE USED.
5. ALL STORMWATER DRAINAGE LINES UNDER PROPOSED BUILDING SLABS TO BE uPVC PRESSURE PIPE GRADE 6. ENSURE ALL VERTICALS AND DOWNPIPES ARE uPVC PRESSURE PIPE, GRADE 6 FOR A MIN OF 3.0m IN HEIGHT.
6. PIPES TO BE INSTALLED TO TYPE HS1 SUPPORT IN ACCORDANCE WITH AS 3725 (1989) IN ALL CASES BACKFILL TRENCH WITH SAND TO 300mm ABOVE PIPE. WHERE PIPE IS UNDER PAVEMENTS BACKFILL REMAINDER OF TRENCH TO UNDERSIDE OF PAVEMENT WITH SAND OR APPROVED GRANULAR MATERIAL COMPACTED IN 150mm LAYERS TO MINIMUM 98% STANDARD MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 5.2.1. (OR A DENSITY INDEX OF NOT LESS THAN 75)
7. ALL INTERNAL WORKS WITHIN PROPERTY BOUNDARIES ARE TO COMPLY WITH THE REQUIREMENTS OF AS 3500 3.1 (1998) AND AS/NZS 3500 3.2 (1998).
8. PRECAST PITS MAY BE USED EXTERNAL TO THE BUILDING SUBJECT TO APPROVAL BY AT & L.
9. ENLARGERS, CONNECTIONS AND JUNCTIONS TO BE PREFABRICATED FITTINGS WHERE PIPES ARE LESS THAN 300 DIA.
10. WHERE SUBSOIL DRAINS PASS UNDER FLOOR SLABS AND VEHICULAR PAVEMENTS, UNSLOTTED uPVC SEWER GRADE PIPE IS TO BE USED.
11. CARE IS TO BE TAKEN WITH LEVELS OF STORMWATER LINES. GRADES SHOWN ARE NOT TO BE REDUCED WITHOUT APPROVAL.
12. GRATES AND COVERS SHALL CONFORM TO AS 3996.
13. ALL INTERNAL PIT DIMENSIONS TO CONFORM TO AS3500.3 TABLE 8.2.
14. AT ALL TIMES DURING CONSTRUCTION OF STORMWATER PITS, ADEQUATE SAFETY PROCEDURES SHALL BE TAKEN TO ENSURE AGAINST THE POSSIBILITY OF PERSONNEL FALLING DOWN PITS.
15. ALL EXISTING STORMWATER DRAINAGE LINES AND PITS THAT ARE TO REMAIN ARE TO BE INSPECTED AND CLEANED. DURING THIS PROCESS ANY PART OF THE STORMWATER DRAINAGE SYSTEM THAT WARRANTS REPAIR SHALL BE REPORTED TO THE SUPERINTENDENT/ENGINEER FOR FURTHER DIRECTIONS.

SITEWORKS NOTES

1. ORIGIN OF LEVELS:– REFER SURVEY NOTES.
2. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK. ANY DISCREPANCIES TO BE REPORTED TO AT & L.
3. MAKE SMOOTH CONNECTION WITH EXISTING WORKS.
4. ALL TRENCH BACKFILL MATERIAL SHALL BE COMPACTED TO THE SAME DENSITY AS THE ADJACENT MATERIAL.
5. ALL SERVICE TRENCHES UNDER VEHICULAR PAVEMENTS SHALL BE BACKFILLED WITH SAND TO 300mm ABOVE PIPE. WHERE PIPE IS UNDER PAVEMENTS BACKFILL REMAINDER OF TRENCH TO UNDERSIDE OF PAVEMENT WITH SAND OR APPROVED GRANULAR MATERIAL COMPACTED IN 150mm LAYERS TO MINIMUM 98% MODIFIED MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 5.2.1. (OR A DENSITY INDEX OF NOT LESS THAN 75)
6. PROVIDE 10mm WIDE EXPANSION JOINTS BETWEEN BUILDINGS AND ALL CONCRETE OR UNIT PAVEMENTS.
7. ASPHALTIC CONCRETE SHALL CONFORM TO RMS. SPECIFICATION R116.
8. ALL BASECOURSE MATERIAL SHALL BE IGNEOUS ROCK QUARRIED MATERIAL TO COMPLY WITH RMS. FORM 3051 (UNBOUND), RMS. FORM 3052 (BOUND) COMPACTED TO MINIMUM 98% MODIFIED DENSITY IN ACCORDANCE WITH AS 1289 5.2.1 FREQUENCY OF COMPACTION TESTING SHALL NOT BE LESS THAN 1 TEST PER 50m² OF BASECOURSE MATERIAL PLACED.
9. ALL SUB-BASE COURSE MATERIAL SHALL BE IGNEOUS ROCK QUARRIED MATERIAL TO COMPLY WITH RMS. FORM 3051, 3051.1 AND COMPACTED TO MINIMUM 98% MODIFIED DENSITY IN ACCORDANCE WITH A.S 1289 5.2.1 FREQUENCY OF COMPACTION TESTING SHALL NOT BE LESS THAN 1 TEST PER 50m² OF SUB-BASE COURSE MATERIAL PLACED.
10. AS AN ALTERNATIVE TO THE USE OF IGNEOUS ROCK AS A SUB-BASE MATERIAL IN (9) A CERTIFIED RECYCLED CONCRETE MATERIAL COMPLYING WITH RMS. FORM 3051 AND 3051.1 WILL BE CONSIDERED. SUBJECT TO MATERIAL SAMPLES AND APPROPRIATE CERTIFICATIONS BEING PROVIDED TO THE SATISFACTION OF AT & L.
11. SHOULD THE CONTRACTOR WISH TO USE A RECYCLED PRODUCT THIS SHALL BE CLEARLY INDICATED IN THEIR TENDER AND THE PRICE DIFFERENCE BETWEEN AN IGNEOUS PRODUCT AND A RECYCLED PRODUCT SHALL BE CLEARLY INDICATED.
12. WHERE NOTED ON THE DRAWINGS THAT WORKS ARE TO BE CARRIED BY OTHERS, (eg. ADJUSTMENT OF SERVICES), THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CO-ORDINATION OF THESE WORKS.

KERBING NOTES

1. ALL CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 25MPa U.N.O IN REINFORCED CONCRETE NOTES.
2. ALL KERBS, GUTTERS, DISH DRAINS AND CROSSINGS TO BE CONSTRUCTED ON 100mm GRANULAR BASECOURSE COMPACTED TO MINIMUM 98% MODIFIED DRY DENSITY (AS 1289 5.2.1).
3. EXPANSION JOINTS (E.J) TO BE FORMED FROM 10mm COMPRESSIBLE CORK FILLER BOARD FOR THE FULL DEPTH OF THE SECTION AND CUT TO PROFILE. EXPANSION JOINTS TO BE LOCATED AT DRAINAGE PITS, ON TANGENT POINTS OF CURVES AND ELSEWHERE AT MAX 12m CENTRES EXCEPT FOR INTEGRAL KERBS WHERE THE EXPANSION JOINTS ARE TO MATCH THE JOINT LOCATIONS IN THE SLABS.
4. WEAKENED PLANE JOINTS TO BE MIN 3mm WIDE AND LOCATED AT 3m CENTRES EXCEPT FOR INTEGRAL KERBS WHERE THE WEAKENED PLANE JOINTS ARE TO MATCH THE JOINT LOCATIONS IN THE SLABS.
5. BROOMED FINISH TO ALL RAMPED AND VEHICULAR CROSSINGS. ALL OTHER KERBING OR DISH DRAINS TO BE STEEL FLOAT FINISHED.
6. IN THE REPLACEMENT OF KERB AND GUTTER :–
   EXISTING ROAD PAVEMENT IS TO BE SAWCUT 900mm U.N.O FROM THE LIP OF GUTTER. UPON COMPLETION OF THE NEW KERB AND GUTTER NEW BASECOURSE AND SURFACE TO BE LAID 600mm WIDE U.N.O.

   EXISTING ALLOTMENT DRAINAGE PIPES ARE TO BE BUILT INTO THE NEW KERB AND GUTTER WITH 100mm DIA HOLE.

   EXISTING KERB AND GUTTER IS TO BE COMPLETELY REMOVED WHERE NEW KERB AND GUTTER IS SHOWN.

SURVEY NOTES

THE EXISTING SITE CONDITIONS SHOWN ON THE FOLLOWING DRAWINGS HAVE BEEN INVESTIGATED BY B & P SURVEYS, BEING REGISTERED SURVEYORS. THE INFORMATION IS SHOWN TO PROVIDE A BASIS FOR DESIGN. AT & L DOES NOT GUARANTEE THE ACCURACY OR COMPLETENESS OF THE SURVEY BASE OR ITS SUITABILITY AS A BASIS FOR CONSTRUCTION DRAWINGS.

EXISTING SURFACE LEVELS SHOWN ON ALL SECTIONS HAVE BEEN GENERATED FROM SURVEY SPOT HEIGHT LEVELS AND ARE INDICATIVE ONLY.

SHOULD DISCREPANCIES BE ENCOUNTERED DURING CONSTRUCTION BETWEEN THE SURVEY DATA AND ACTUAL FIELD DATA, CONTACT AT & L.

THE FOLLOWING NOTES HAVE BEEN TAKEN DIRECTLY FROM THE ORIGINAL SURVEY DOCUMENTS PREPARED BY B & P CONSULTING SURVEYORS.

NOTES:

1. TITLE BOUNDARIES SHOWN HEREON HAVE BEEN DETERMINED FROM MINIMUM CONNECTIONS TO SURVEY MARKS PLACE BY OTHERS AND THEN FROM THE MEASUREMENTS BY OTHER, THE VERIFICATION OF WHICH DOES NOT FORM PART OF THIS SURVEY.
2. SERVICES SHOWN HEREON HAVE BEEN LOCATED WHERE POSSIBLE BY FIELD SURVEY. IF NOT ABLE TO BE SO LOCATED, KNOWN SERVICES HAVE BEEN PLOTTED FROM RELEVANT AUTHORITY RECORDS AND HAVE BEEN NOTED ACCORDINGLY ON THIS PLAN.
3. PRIOR TO ANY DEMOLITION, EXCAVATION OR CONSTRUCTION ON THE SITE, THE RELEVANT AUTHORITIES SHOULD BE CONTACTED FOR POSSIBLE LOCATION OF FURTHER UNDERGROUND SERVICES AND DETAILED LOCATION OF ALL SERVICES.

DATE OF SURVEY: 9–11/5/2018

LEGEND

AWN – DENOTES AWNING
CEIL – DENOTES CEILING
RID – DENOTES RIDGE
FFL – DENOTES FINISHED FLOOR LEVEL
BK – DENOTES BACK OF KERB
IK – DENOTES INVERT OF KERB
LP – DENOTES LIP OF KERB
TL – DENOTES TOP OF KERB
INP – DENOTES INVERT OF PIT

EROSION AND SEDIMENT CONTROL NOTES

GENERAL INSTRUCTIONS

1. THE SITE SUPERINTENDENT/ENGINEER WILL ENSURE THAT ALL SOIL AND WATER MANAGEMENT WORKS ARE LOCATED AS DOCUMENTED.
2. ALL WORK SHALL BE GENERALLY CARRIED OUT IN ACCORDANCE WITH
   a. LOCAL AUTHORITY REQUIREMENTS
   b. EPA REQUIREMENTS
   c. NSW DEPARTMENT OF HOUSING MANUAL "MANAGING URBAN STORMWATER, SOILS AND CONSTRUCTION", 4th EDITION, MARCH 2004.
3. MAINTAIN THE EROSION CONTROL DEVICES TO THE SATISFACTION OF THE SUPERINTENDENT AND THE LOCAL AUTHORITY.
4. WHEN STORMWATER PITS ARE CONSTRUCTED, PREVENT SITE RUNOFF ENTERING UNLESS SEDIMENT FENCES ARE ERECTED AROUND PITS.
5. CONTRACTOR IS TO ENSURE ALL EROSION & SEDIMENT CONTROL DEVICES ARE MAINTAINED IN GOOD WORKING ORDER AND OPERATE EFFECTIVELY. REPAIRS AND OR MAINTENANCE SHALL BE UNDERTAKEN AS REQUIRED, PARTICULARLY FOLLOWING STORM EVENTS.

LAND DISTURBANCE

6. WHERE PRACTICAL, THE SOIL EROSION HAZARD ON THE SITE WILL BE KEPT AS LOW AS POSSIBLE. TO THIS END, WORKS SHOULD BE UNDERTAKEN IN THE FOLLOWING SEQUENCE:
   (A) INSTALL A SEDIMENT FENCE ALONG THE BOUNDARIES AS SHOWN ON PLAN. REFER DETAIL.
   (B) CONSTRUCT STABILISED CONSTRUCTION ENTRANCE TO LOCATION AS DETERMINED BY SUPERINTENDENT/ENGINEER. REFER DETAIL.
   (C) INSTALL SEDIMENT TRAPS AS SHOWN ON PLAN.
   (D) UNDERTAKE SITE DEVELOPMENT WORKS IN ACCORDANCE WITH THE ENGINEERING PLANS. WHERE POSSIBLE, PHASE DEVELOPMENT SO THAT LAND DISTURBANCE IS CONFINED TO AREAS OF WORKABLE SIZE.

EROSION CONTROL

7. DURING WINDY WEATHER, LARGE, UNPROTECTED AREAS WILL BE KEPT MOIST (NOT WET) BY SPRINKLING WITH WATER TO KEEP DUST UNDER CONTROL.
8. FINAL SITE LANDSCAPING WILL BE UNDERTAKEN AS SOON AS POSSIBLE AND WITHIN 20 WORKING DAYS FROM COMPLETION OF CONSTRUCTION ACTIVITIES.

SEDIMENT CONTROL

9. STOCKPILES WILL NOT BE LOCATED WITHIN 2 METRES OF HAZARD AREAS, INCLUDING LIKELY AREAS OF CONCENTRATED OR HIGH VELOCITY FLOWS SUCH AS WATERWAYS. WHERE THEY ARE BETWEEN 2 AND 5 METRES FROM SUCH AREAS, SPECIAL SEDIMENT CONTROL MEASURES SHOULD BE TAKEN TO MINIMISE POSSIBLE POLLUTION TO DOWNSLOPE WATERS, E.G. THROUGH INSTALLATION OF SEDIMENT FENCING.
10. ANY SAND USED IN THE CONCRETE CURING PROCESS (SPREAD OVER THE SURFACE) WILL BE REMOVED AS SOON AS POSSIBLE AND WITHIN 10 WORKING DAYS FROM PLACEMENT.
11. WATER WILL BE PREVENTED FROM ENTERING THE PERMANENT DRAINAGE SYSTEM UNLESS IT IS RELATIVELY SEDIMENT FREE, I.E. THE CATCHMENT AREA HAS BEEN PERMANENTLY LANDSCAPED AND/OR ANY LIKELY SEDIMENT HAS BEEN FILTERED THROUGH AN APPROVED STRUCTURE.
12. TEMPORARY SOIL AND WATER MANAGEMENT STRUCTURES WILL BE REMOVED ONLY AFTER THE LANDS THEY ARE PROTECTING ARE REHABILITATED.

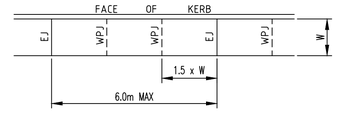
OTHER MATTERS

13. ACCEPTABLE RECEPTORS WILL BE PROVIDED FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER.
14. ANY EXISTING TREES WHICH FORM PART OF THE FINAL LANDSCAPING PLAN WILL BE PROTECTED FROM CONSTRUCTION ACTIVITIES BY:
   (A) PROTECTING THEM WITH BARRIER FENCING OR SIMILAR MATERIALS INSTALLED OUTSIDE THE DRIP LINE
   (B) ENSURING THAT NOTHING IS NAILED TO THEM
   (C) PROHIBITING PAVING, GRADING, SEDIMENT WASH OR PLACING OF STOCKPILES WITHIN THE DRIP LINE EXCEPT UNDER THE FOLLOWING CONDITIONS.
      (I) ENCROACHMENT ONLY OCCURS ON ONE SIDE AND NO CLOSER TO THE TRUNK THAN EITHER 1.5 METRES OR HALF THE DISTANCE BETWEEN THE OUTER EDGE OF THE DRIP LINE AND THE TRUNK, WHICH EVER IS THE GREATER
      (II) A DRAINAGE SYSTEM THAT ALLOWS AIR AND WATER TO CIRCULATE THROUGH THE ROOT ZONE (E.G. A GRAVEL BED) IS PLACED UNDER ALL FILL LAYERS OF MORE THAN 300 MILLIMETRES DEPTH
      (III) CARE IS TAKEN NOT TO CUT ROOTS UNNECESSARILY NOR TO COMPACT THE SOIL AROUND THEM.

JOINTING NOTES

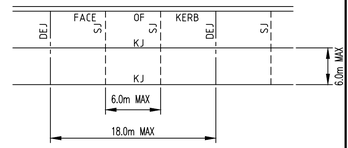
PEDESTRIAN PAVEMENT JOINTS

1. ALL PEDESTRIAN PAVEMENTS ARE TO BE JOINTED AS FOLLOWS. (U.N.O)
2. EXPANSION JOINTS ARE TO BE LOCATED WHERE POSSIBLE AT TANGENT POINTS OF CURVES AND ELSEWHERE AT MAX. 6.0m CENTRES.
3. WEAKENED PLANE JOINTS ARE TO BE LOCATED AT A MAX. SPACING OF 1.5 x WIDTH OF THE PAVEMENT.
4. WHERE POSSIBLE JOINTS SHOULD BE LOCATED TO MATCH KERBING AND OR ADJACENT PAVEMENT JOINTS.
5. PEDESTRIAN PAVEMENT JOINT DETAIL.



VEHICULAR PAVEMENT JOINTS

6. ALL VEHICULAR PAVEMENTS TO BE JOINTED AS FOLLOWS. (U.N.O)
7. KEYED CONSTRUCTION JOINTS SHOULD GENERALLY BE LOCATED AT A MAX OF 6.0m CENTRES
8. SAWN JOINTS SHOULD GENERALLY BE LOCATED AT A MAX OF 6.0m CENTRES WITH DOWELED EXPANSION JOINTS AT MAX 18.0m CENTRES
9. VEHICULAR PAVEMENT JOINT DETAIL.



EXISTING UNDERGROUND SERVICES NOTES

THE LOCATIONS OF UNDERGROUND SERVICES SHOWN IN THIS SET OF DRAWINGS HAVE BEEN PLOTTED FROM SURVEY INFORMATION AND SERVICE AUTHORITY INFORMATION. THE SERVICE INFORMATION HAS BEEN PREPARED ONLY TO SHOW THE APPROXIMATE POSITIONS OF ANY KNOWN SERVICES AND MAY NOT BE AS CONSTRUCTED OR ACCURATE.

AT & L CAN NOT GUARANTEE THAT THE SERVICES INFORMATION SHOWN ON THESE DRAWINGS ACCURATELY INDICATES THE PRESENCE OR ABSENCE OF SERVICES OR THEIR LOCATION AND WILL ACCEPT NO LIABILITY FOR INACCURACIES IN THE SERVICES INFORMATION SHOWN FROM ANY CAUSE WHATSOEVER.

CONTRACTORS SHALL TAKE DUE CARE WHEN EXCAVATING ONSITE INCLUDING HAND EXCAVATION WHERE NECESSARY.

CONTRACTORS ARE TO CONTACT THE RELEVANT SERVICE AUTHORITY PRIOR TO COMMENCEMENT OF EXCAVATION WORKS.

CONTRACTORS ARE TO UNDERTAKE A SERVICES SEARCH, PRIOR TO COMMENCEMENT OF WORKS ON SITE. SEARCH RESULTS ARE TO BE KEPT ON SITE AT ALL TIMES.

Issue	Description	Date
B	ISSUED FOR APPROVAL	01-07-22
A	ISSUED FOR APPROVAL	07-12-21

Bar Scales

100mm on Original

Client
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Scales	N.T.S.
Grid	MGA
Height Datum	AHD
Drawn	CK
Designed	CK
Checked	GJ
Approved	AT

DIAL 1100 BEFORE YOU DIG

Project
100 TALAVERA ROAD
MACQUARIE PARK
PHASE 2 BUILDING

Title
GENERAL NOTES AND LEGENDS

Civil Engineers and Project Managers
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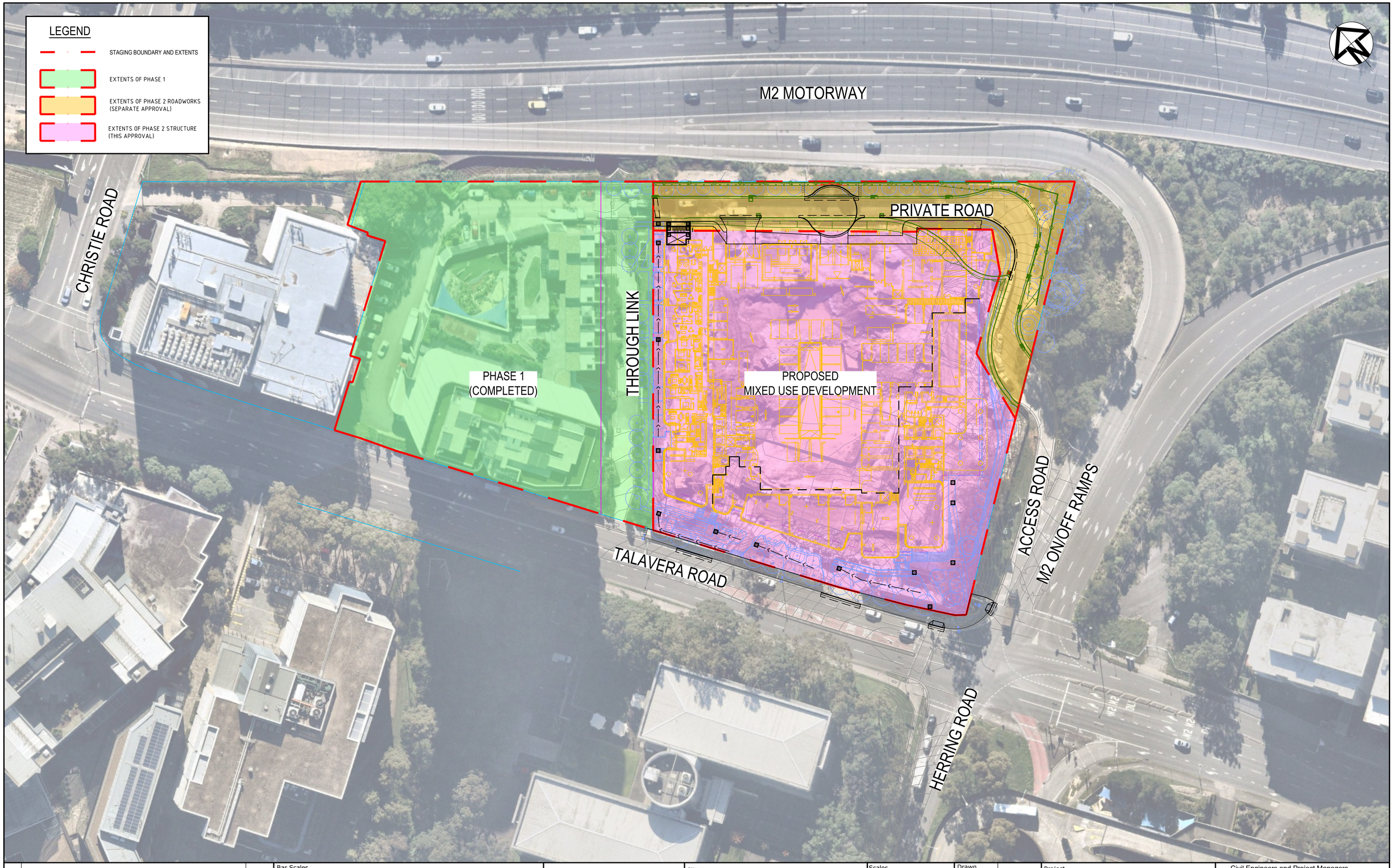
Status: FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Drawing No.	Project No.	Issue
DAC402	16-428	B

Date Plotted: 1 Jul 2022 - 12:19PM File Name: F:\16-428 118 Talavera Road\Drgs\Civil\Final\DA - Building Phase 2 Package\DAC402.dwg



Issue	Description	Date
B	ISSUED FOR APPROVAL	01-07-22
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Bar Scales

0 10 20 30 40 50m

1 : 500 @ A1 1 : 1000 @ A3

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Scales	1 : 500
Grid	MGA
Height Datum	AHD
Drawn	CK
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Checked	GJ
Approved	AT

DIAL 1100 BEFORE YOU DIG

LDA2021/0071

Project
100 TALAVERA ROAD
MACQUARIE PARK
PHASE 2 BUILDING

Title
PHASING PLAN

Civil Engineers and Project Managers
at&l
Level 7, 153 Walker Street
North Sydney NSW 2060
ABN 96 130 882 405
Tel: 02 9439 1777
Fax: 02 9460 8413
www.atl.net.au
info@atl.net.au

Status
FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Drawing No.	Project No.	Issue
DAC403	16-428	B

100mm on Original

F:\16-428 118 Talavera Road\Drgs\Civil\Final\DA - Building Phase 2 Package\DAC403.dwg

Issue	Description	Date
A	ISSUED FOR APPROVAL	01-07-22

Bar Scales

0 10 20 30 40 50m

1 : 500 @ A1 1 : 1000 @ A3

100mm on Original

Client

KARIMBLA
CONSTRUCTION SERVICES (NSW)
PTY LIMITED
Level 11, 528 Kent Street, Sydney NSW 2000
Tel: (02) 9287 2888 Fax: (02) 9287 2777
Email: info@design.meriton.com.au
Internet: http://www.meriton.com.au

Scales	1 : 500
Grid	MGA
Height Datum	AHD
Drawn	CK
Designed	CK
Checked	GJ
Approved	AT

DIAL 1100 BEFORE YOU DIG

LDA2021/0071

Project
100 TALAVERA ROAD
MACQUARIE PARK
PHASE 2 BUILDING

Title
GENERAL ARRANGEMENT PLAN

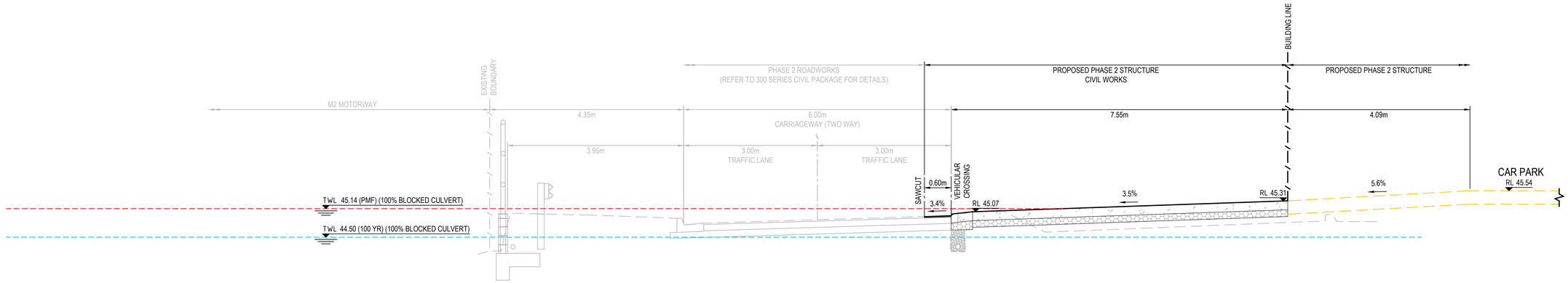
Civil Engineers and Project Managers
at&l
Level 7, 153 Walker Street
North Sydney NSW 2060
ABN 96 130 882 405
Tel: 02 9439 1777
Fax: 02 9460 8413
www.atl.net.au
info@atl.net.au

Status
FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

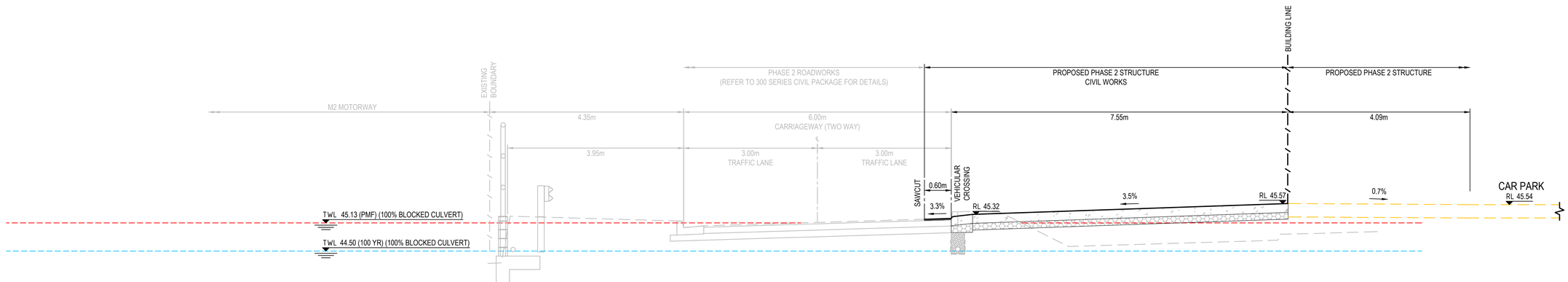
A1

Drawing No.	Project No.	Issue
DAC404	16-428	A

F:\16-428 118 Talavera Road\Drgs\Civil\Final\DA - Building Phase 2 Package\DAC404.dwg



SECTION 1
1 : 50
DAC404, DAC410, DAC415



SECTION 2
1 : 50
DAC404, DAC410, DAC415

D

Issue	Description	Date
D	ISSUED FOR APPROVAL	25-10-22
C	ISSUED FOR APPROVAL	05-09-22
B	ISSUED FOR APPROVAL	01-07-22
A	ISSUED FOR APPROVAL	28-06-22

100mm on Original

Bar Scales

0 1 2 3 4 5m

1 : 50 @ A1 1 : 100 @ A3

Client

KARIMBLA
CONSTRUCTION SERVICES (NSW)
PTY LIMITED

Level 11, 528 Kent Street, Sydney NSW 2000
Tel: (02) 9287 2888 Fax: (02) 9287 2777
Email: info@design.meriton.com.au
Internet: http://www.meriton.com.au

Scales: 1 : 50

Drawn	CK
Designed	CK
Checked	GJ
Approved	AT
Grid	MGA
Height Datum	AHD

DIAL 1100 BEFORE YOU DIG

Project
100 TALAVERA ROAD
MACQUARIE PARK
PHASE 2 BUILDING

Title
TYPICAL SECTIONS
SHEET 1

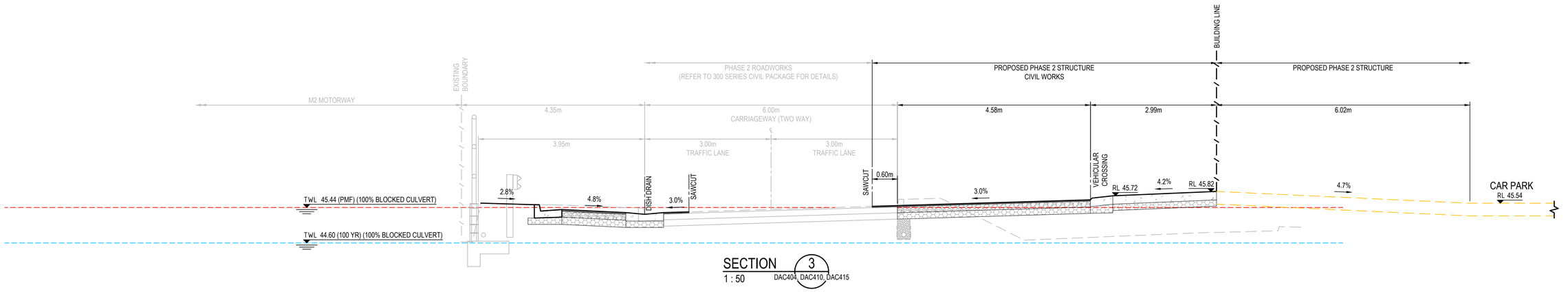
Civil Engineers and Project Managers
at&l
Level 7, 153 Walker Street
North Sydney NSW 2060
ABN 96 130 882 405
Tel: 02 9439 1777
Fax: 02 9460 8413
www.atl.net.au
info@atl.net.au

Status
FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

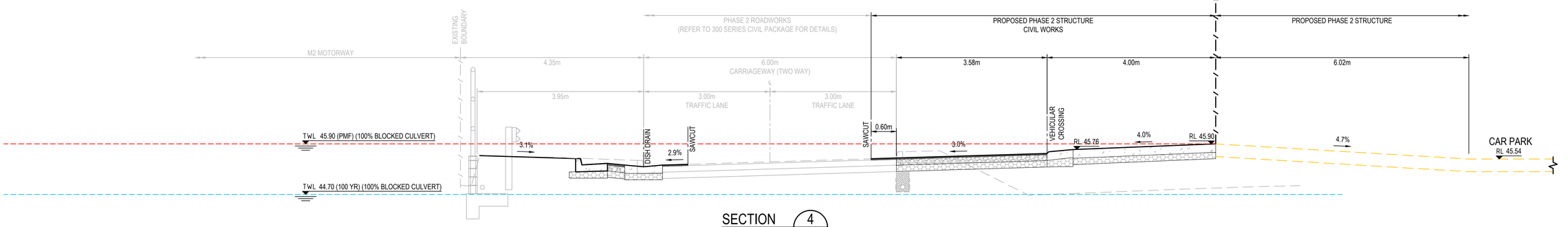
A1

Drawing No.	Project No.	Issue
DAC405	16-428	D

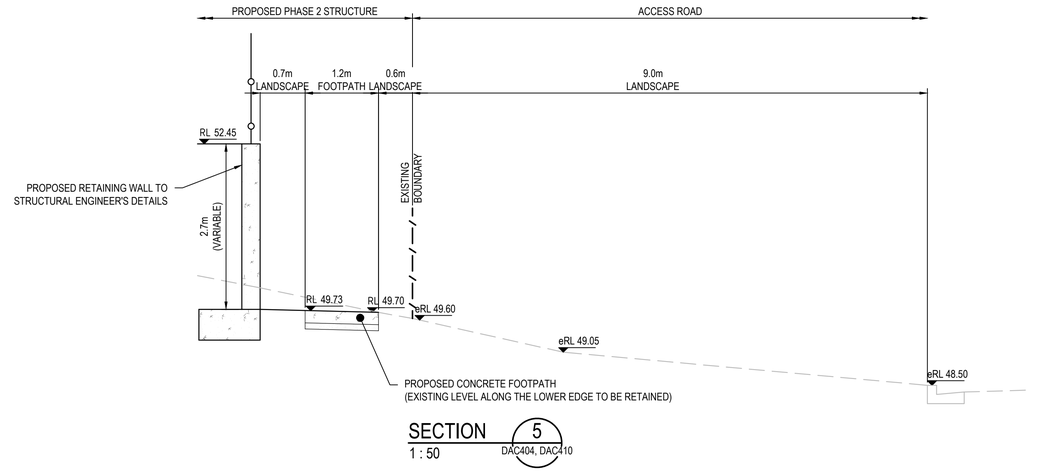
F:\16-428 118 Talavera Road\Drgs\Civil\Final\DA - Building Phase 2 Package\DAC405.dwg



SECTION 3
1 : 50 DAC404, DAC410, DAC415



SECTION 4
1 : 50 DAC404, DAC410, DAC415



SECTION 5
1 : 50 DAC404, DAC410

NOTE: FLOOD LEVELS DERIVED FROM TTW FLOOD REPORT DATED 12TH JULY 2022

Issue	Description	Date
D	ISSUED FOR APPROVAL	25-10-22
C	ISSUED FOR APPROVAL	05-09-22
B	ISSUED FOR APPROVAL	01-07-22
A	ISSUED FOR APPROVAL	28-06-22

100mm on Original

Bar Scales

0 1 2 3 4 5m

1 : 50 @ A1 1 : 100 @ A3

Client

KARIMBLA
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Tel: (02) 9287 2888 Fax: (02) 9287 2777
Email: info@design.meriton.com.au
Internet: http://www.meriton.com.au

Scales: 1 : 50

Grid	MGA
Height Datum	AHD

Drawn	CK
Designed	CK
Checked	GJ
Approved	AT

DIAL 1100 BEFORE YOU DIG

Project
100 TALAVERA ROAD
MACQUARIE PARK
PHASE 2 BUILDING

Title
TYPICAL SECTIONS
SHEET 2

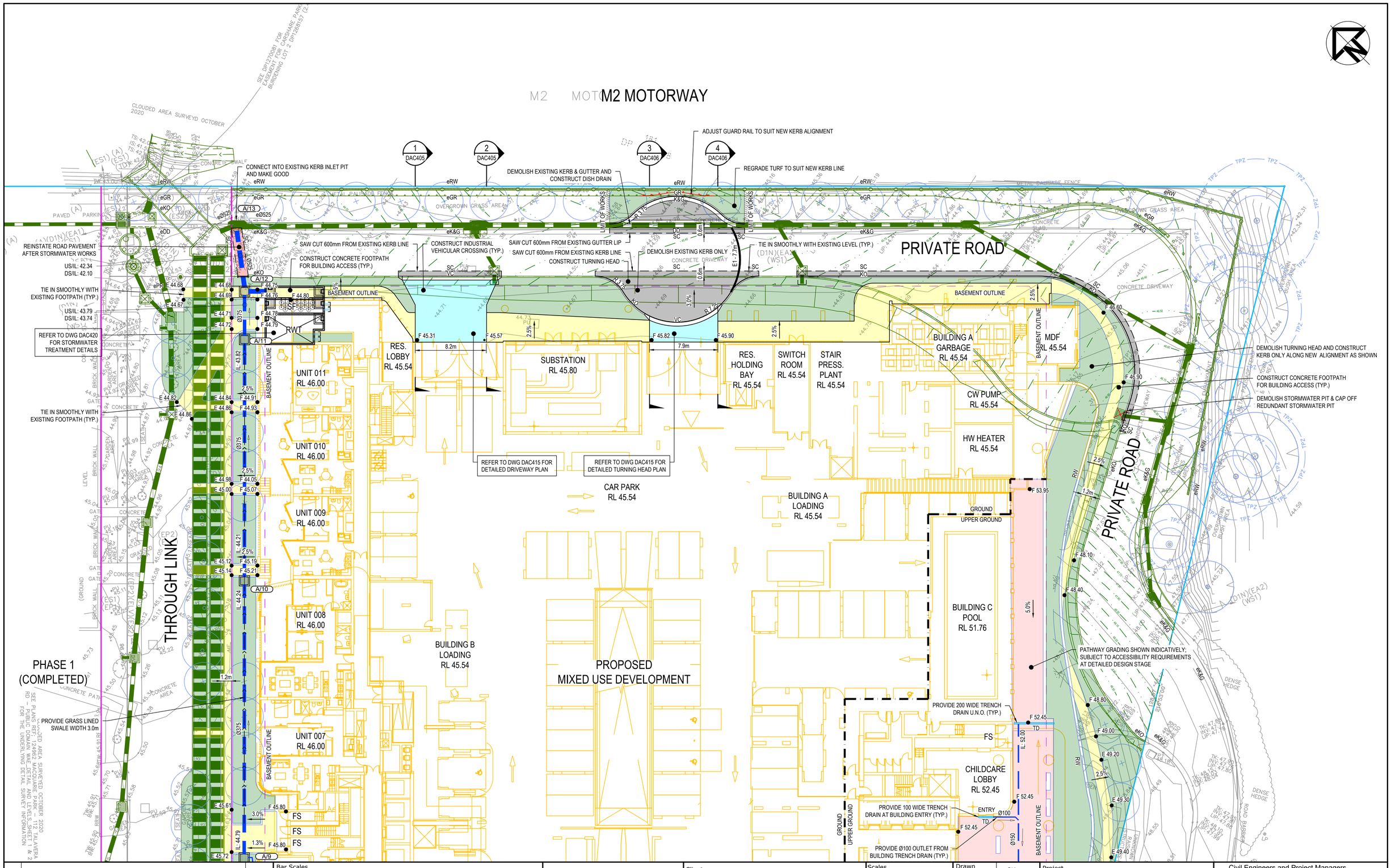
Civil Engineers and Project Managers
at&l
Level 7, 153 Walker Street
North Sydney NSW 2060
ABN 96 130 882 405
Tel: 02 9439 1777
Fax: 02 9460 8413
www.atl.net.au
info@atl.net.au

Status: FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Drawing No.	Project No.	Issue
DAC406	16-428	D

F:\16-428 118 Talavera Road\Drgs\Civil\Final\DA - Building Phase 2 Package\DAC406.dwg



Issue	Description	Date
B	ISSUED FOR APPROVAL	01-07-22
A	ISSUED FOR APPROVAL	07-12-21

Bar Scales

0 5 10 15 20m

1 : 200 @ A1 1 : 400 @ A3

100mm on Original

Client

KARIMBLA
CONSTRUCTION SERVICES (NSW)
PTY LIMITED
Level 11, 528 Kent Street, Sydney NSW 2000
Tel: (02) 9287 2888 Fax: (02) 9287 2777
Email: info@design.meriton.com.au
Internet: http://www.meriton.com.au

Scales	1 : 200
Grid	MGA
Height Datum	AHD
Drawn	CK
Designed	CK
Checked	GJ
Approved	AT

DIAL 1100 BEFORE YOU DIG

Project
100 TALAVERA ROAD
MACQUARIE PARK
PHASE 2 BUILDING

Title
SITEWORKS AND STORMWATER DRAINAGE PLAN
SHEET 1

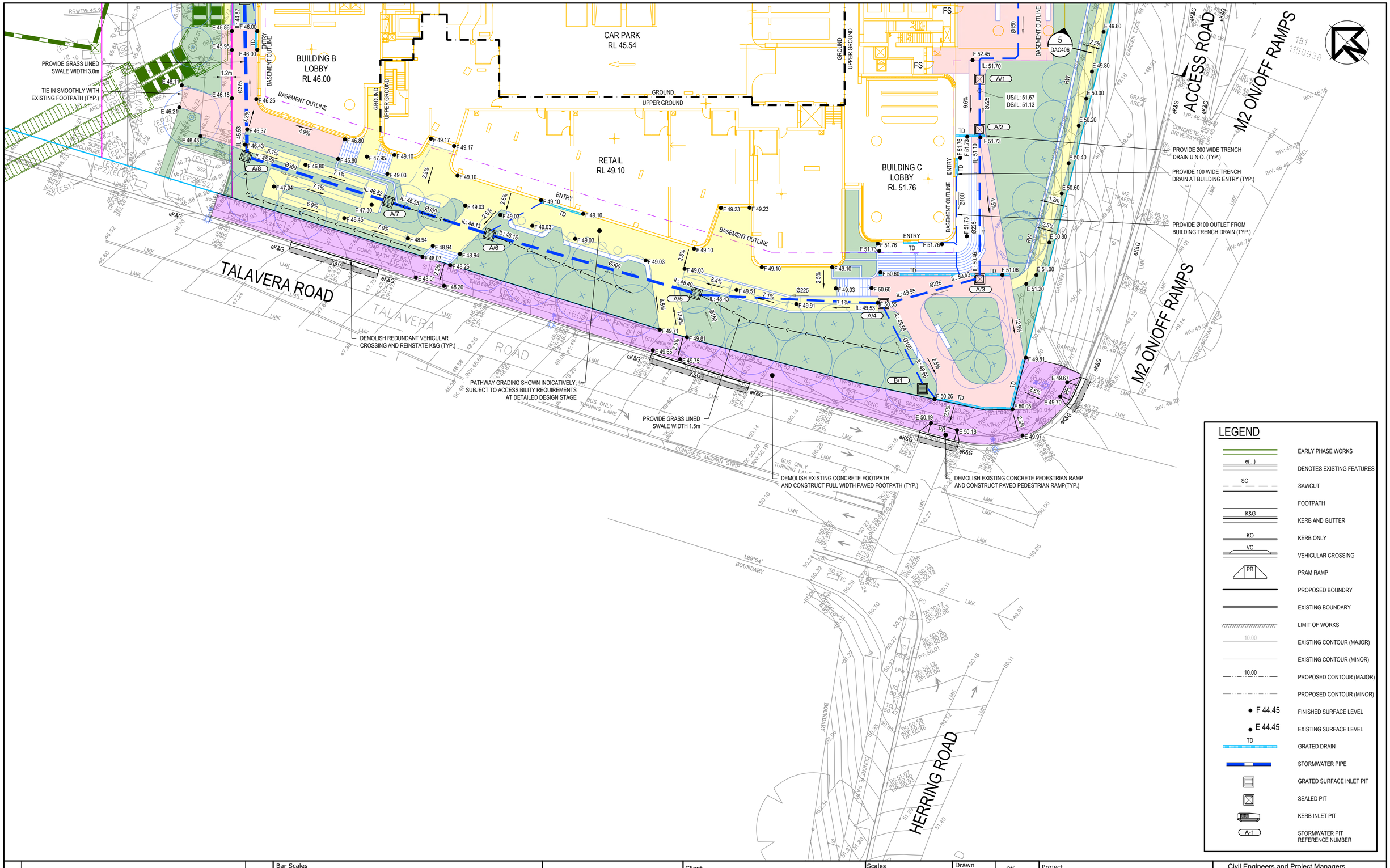
Civil Engineers and Project Managers
at&l
Level 7, 153 Walker Street
North Sydney NSW 2060
ABN 96 130 882 405
Tel: 02 9439 1777
Fax: 02 9460 8413
www.atl.net.au
info@atl.net.au

Status: FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Drawing No.	Project No.	Issue
DAC410	16-428	B

F:\16-428 118 Talavera Road\Drgs\Civil\Final\DA - Building Phase 2 Package\DAC410.dwg



Issue	Description	Date
A	ISSUED FOR APPROVAL	01-07-22

Bar Scales

0 5 10 15 20m

1 : 200 @ A1 1 : 400 @ A3

100mm on Original

Client

KARIMBLA
CONSTRUCTION SERVICES (NSW)
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Level 11, 528 Kent Street, Sydney NSW 2000
Tel: (02) 9287 2888 Fax: (02) 9287 2777
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Internet: http://www.meriton.com.au

Scales	1 : 200
Grid	MGA
Height Datum	AHD
Drawn	CK
Designed	CK
Checked	GJ
Approved	AT

DIAL 1100 BEFORE YOU DIG

Project
100 TALAVERA ROAD
MACQUARIE PARK
PHASE 2 BUILDING

Title
SITEWORKS AND STORMWATER DRAINAGE PLAN
SHEET 2

Civil Engineers and Project Managers
at&l
Level 7, 153 Walker Street
North Sydney NSW 2060
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Tel: 02 9439 1777
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info@atl.net.au

Status
FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Drawing No.	Project No.	Issue
DAC411	16-428	A

F:\16-428 118 Talavera Road\Drgs\Civil\Final\DA - Building Phase 2 Package\DAC411.dwg

M2 MOTORWAY

1 DAC405
2 DAC405
3 DAC406
4 DAC406

ADJUST GUARD RAIL TO SUIT NEW KERB ALIGNMENT
REGRADE TURF TO SUIT NEW KERB LINE

eRW
eGR
eK&G
eKO
GR
K&G
LIMIT OF WORKS
R 3.75
R 7.25
DD
0.6m
SC
VC
E1 - 7.7m

CONSTRUCT CONCRETE FOOTPATH FOR BUILDING ACCESS (TYP.)
SAW CUT 600mm FROM EXISTING KERB LINE
CONSTRUCT INDUSTRIAL VEHICULAR CROSSING (TYP.)
SAW CUT 600mm FROM EXISTING GUTTER LIP
DEMOLISH EXISTING KERB & GUTTER AND CONSTRUCT DISH DRAIN
CONSTRUCT TURNING HEAD
DEMOLISH EXISTING KERB ONLY
TIE IN SMOOTHLY WITH EXISTING LEVEL (TYP.)

PRIVATE ROAD

F 45.31
F 45.57
F 45.82
F 45.90
8.2m
7.9m

UNIT 011
RL 46.00
UNIT 010
RL 46.00
UNIT 009
RL 46.00

SUBSTATION
RL 45.80

RESTAURANT
HOLDING BAY
RL 45.54

SWITCHROOM
RL 45.54

STAIR
PRESS. PLANT
RL 45.54

CAR PARK
RL 45.54

PROPOSED
MIXED USE DEVELOPMENT

Issue	Description	Date
B	ISSUED FOR APPROVAL	01-07-22
A	ISSUED FOR APPROVAL	28-06-22

100mm on Original

Bar Scales

0 1 2 3 4 5m

1 : 50 @ A1 1 : 100 @ A3

Client

KARIMBLA
CONSTRUCTION SERVICES (NSW)
PTY LIMITED
Level 11, 528 Kent Street, Sydney NSW 2000
Tel: (02) 9287 2888 Fax: (02) 9287 2777
Email: info@design.meriton.com.au
Internet: http://www.meriton.com.au

Scales	1 : 100	Drawn	CK
		Designed	CK
Grid	MGA	Checked	GJ
Height Datum	AHD	Approved	AT

DIAL 1100 BEFORE YOU DIG

Project
100 TALAVERA ROAD
MACQUARIE PARK
PHASE 2 BUILDING

Title
DRIVEWAY AND
TURNING HEAD
PLAN

Civil Engineers and Project Managers
at&l
Level 7, 153 Walker Street
North Sydney NSW 2060
ABN 96 130 882 405
Tel: 02 9439 1777
Fax: 02 9460 8413
www.atl.net.au
info@atl.net.au

Status
FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Drawing No.	Project No.	Issue
DAC415	16-428	B

F:\16-428 118 Talavera Road\Drgs\Civil\Final\DA - Building Phase 2 Package\DAC415.dwg

Issue	Description	Date
A	ISSUED FOR APPROVAL	01-07-22

100mm on Original

Bar Scales

0 10 20 30 40 50m

1 : 500 @ A1 1 : 1000 @ A3

Client

KARIMBLA
CONSTRUCTION SERVICES (NSW)
PTY LIMITED
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Tel: (02) 9287 2888 Fax: (02) 9287 2777
Email: info@design.meriton.com.au
Internet: http://www.meriton.com.au

Scales	1 : 500
Grid	MGA
Height Datum	AHD
Drawn	CK
Designed	CK
Checked	GJ
Approved	AT

DIAL 1100 BEFORE YOU DIG

LDA2021/0071

Project
100 TALAVERA ROAD
MACQUARIE PARK
PHASE 2 BUILDING

Title
PAVEMENT
PLAN

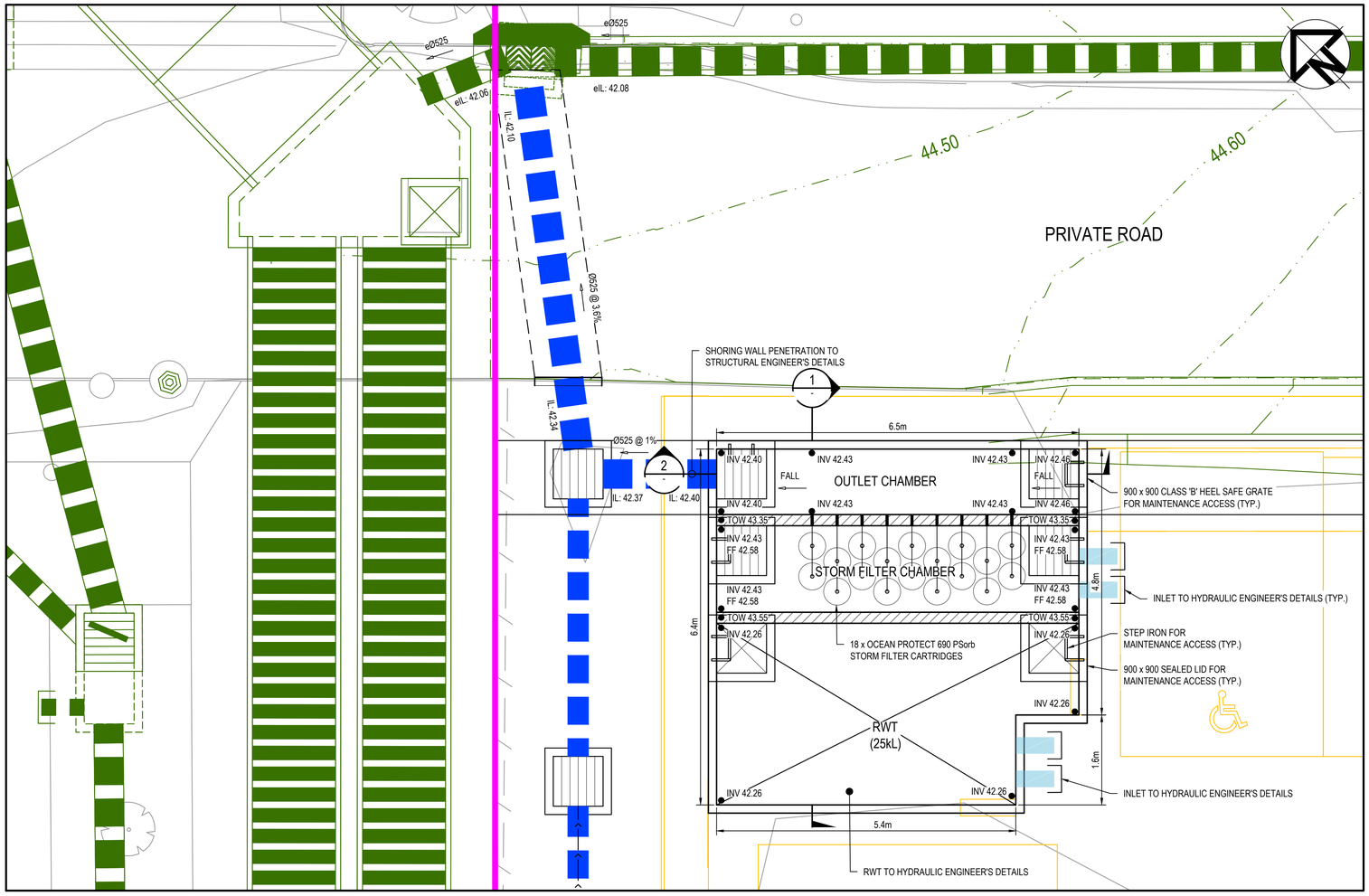
Civil Engineers and Project Managers
at&l
Level 7, 153 Walker Street
North Sydney NSW 2060
ABN 96 130 882 405
Tel: 02 9439 1777
Fax: 02 9460 8413
www.atl.net.au
info@atl.net.au

Status
FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

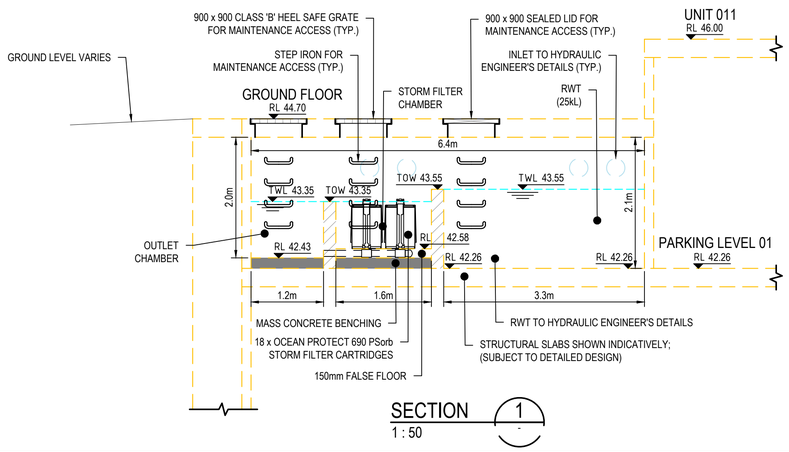
A1

Drawing No.	Project No.	Issue
DAC416	16-428	A

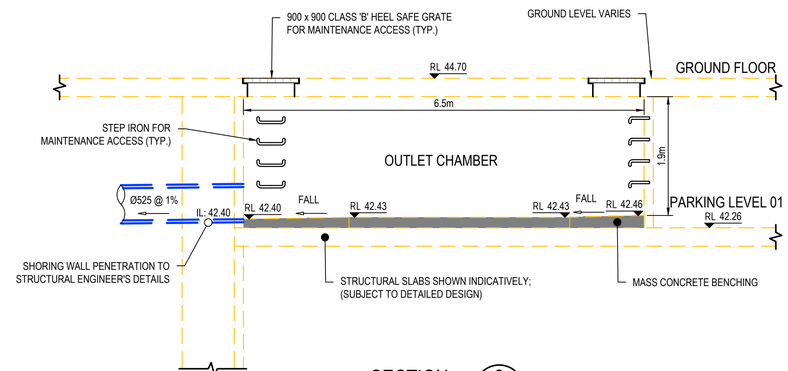
F:\16-428 118 Talavera Road\Drgs\Civil\Final\DA - Building Phase 2 Package\DAC416.dwg



PLAN
1 : 50



SECTION 1
1 : 50



SECTION 2
1 : 50

Issue	Description	Date
B	ISSUED FOR APPROVAL	01-07-22
A	ISSUED FOR APPROVAL	27-06-22

Bar Scales

0 1 2 3 4 5m

1 : 50 @ A1 1 : 100 @ A3

Client

KARIMBLA
CONSTRUCTION SERVICES (NSW)
PTY LIMITED
Level 11, 528 Kent Street, Sydney NSW 2000
Tel: (02) 9287 2888 Fax: (02) 9287 2777
Email: info@design.meriton.com.au
Internet: http://www.meriton.com.au

Scales	1 : 50
Grid	MGA
Height Datum	AHD
Drawn	CK
Designed	CK
Checked	GJ
Approved	AT

DIAL 1100 BEFORE YOU DIG

Project
100 TALAVERA ROAD
MACQUARIE PARK
PHASE 2 BUILDING

Title
STORMWATER TREATMENT TANK PLAN & SECTIONS

Civil Engineers and Project Managers
at&l
Level 7, 153 Walker Street
North Sydney NSW 2060
ABN 96 130 882 405
Tel: 02 9439 1777
Fax: 02 9460 8413
www.atl.net.au
info@atl.net.au

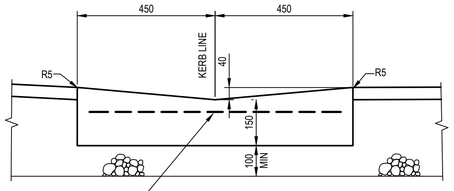
Status: FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Drawing No.	Project No.	Issue
DAC420	16-428	B

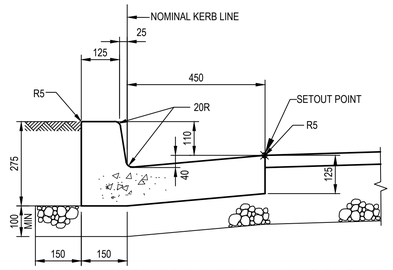
100mm on Original

F:\16-428 118 Talavera Road\Drgs\Civil\Final\DA - Building Phase 2 Package\DAC420.dwg



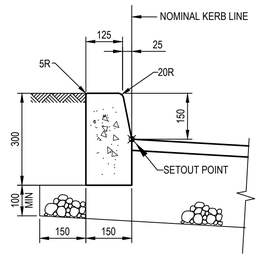
DISH DRAIN (DD)

SCALE 1:10



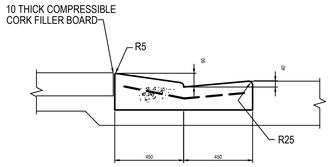
KERB AND GUTTER FOR INTERNAL WORKS (K&G)

SCALE 1:10



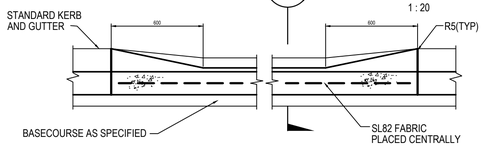
KERB ONLY (KO)

SCALE 1:10



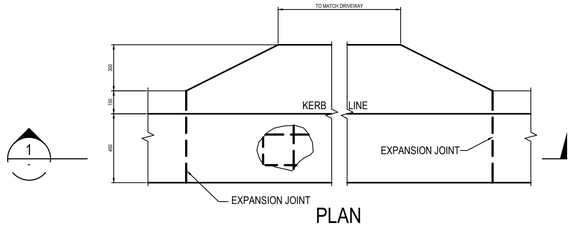
SECTION 2

1 : 20



SECTION 1

1 : 20



PLAN

VEHICULAR CROSSING

SCALE 1:20

Issue	Description	Date
A	ISSUED FOR APPROVAL	01-07-22

Bar Scales

0 100 200 400 600 800 1000mm

1 : 10 @ A1 1 : 20 @ A3

0 500 1000 1500 2000mm

1 : 20 @ A1 1 : 40 @ A3

Client

KARIMBLA

CONSTRUCTION SERVICES (NSW)

PTY LIMITED

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Tel: (02) 9287 2888 Fax: (02) 9287 2777

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Internet: http://www.meriton.com.au

Scales	AS SHOWN	Drawn	CK
		Designed	CK
Grid	MGA	Checked	GJ
Height Datum	AHD	Approved	AT

DIAL 1100 BEFORE YOU DIG

Project

100 TALAVERA ROAD
MACQUARIE PARK
PHASE 2 BUILDING

Title

SITEWORKS DETAILS

Civil Engineers and Project Managers

at&l

Level 7, 153 Walker Street
North Sydney NSW 2060
ABN 96 130 882 405
Tel: 02 9439 1777
Fax: 02 9460 8413
www.atl.net.au
info@atl.net.au

Status

FOR APPROVAL

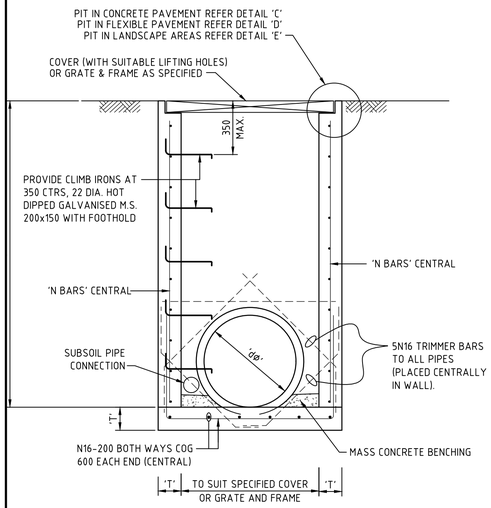
NOT TO BE USED FOR CONSTRUCTION

A1

Drawing No.	Project No.	Issue
DAC421	16-428	A

100mm on Original

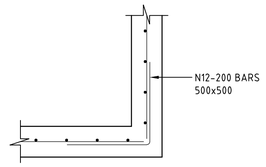
F:\16-428 118 Talavera Road\Drgs\Civil\Final\DA - Building Phase 2 Package\DAC421.dwg



PIT TYPE '2' DETAIL SURFACE INLET PIT FOR PIPES UP TO 525ø

SCALE: 1:20

PIPE DIA. 'øø'	WIDTH 'W'	DEPTH 'D'	WALL 'T'	BARS 'N'
375	AS3500.3	800	150	N12-200
	AS3500.3	1200	150	N12-200
	AS3500.3	1600	150	N12-200
	AS3500.3	2000	150	N12-200
	AS3500.3	2400	150	N12-200
	AS3500.3	3000	150	N12-200
450	AS3500.3	800	150	N12-200
	AS3500.3	1200	150	N12-200
	AS3500.3	1600	150	N12-200
	AS3500.3	2000	150	N12-200
	AS3500.3	2400	150	N12-200
	AS3500.3	3000	150	N12-200
525	AS3500.3	800	150	N12-200
	AS3500.3	1200	150	N12-200
	AS3500.3	1600	150	N12-200
	AS3500.3	2000	150	N12-200
	AS3500.3	2400	150	N12-200
	AS3500.3	3000	150	N12-200



TYPICAL CORNER DETAIL

SCALE 1:20

11. CONCRETE STRENGTH - UNLESS NOTED OTHERWISE

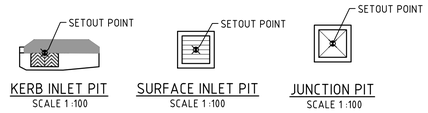
ELEMENT	f'c MPa (28 DAYS)	SLUMP	MAX AGG SIZE	CEMENT TYPE
PITS	32	80mm	20mm	GP

12. COVER - UNLESS NOTED OTHERWISE

ELEMENT	INTERIOR	EXTERIOR
PITS		45mm
SLAB TOP	45mm	45mm
SLAB BOTTOM	45mm	45mm
BEAM TOP		
BEAM BOTTOM		
BEAM SIDE		
COLUMNS		

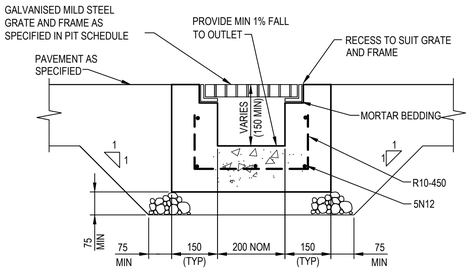
NOTE

1. FOR PIT SIZE REFER TO TABLE (900 MIN LONG).
2. REINFORCING MESH IS TO BE BENT TO LAP 300 AROUND ALL CORNERS. VERTICAL BARS ARE NOT TO BE CUT. ALTERNATLY PROVIDE N12 "L" BARS (500x500) AT 400 VERTICAL CTS.
3. COMPRESSIVE STRENGTH (F'c) FOR CAST IN SITU CONCRETE SHALL BE A MINIMUM 32 MPa AT 28 DAYS.
4. TOP OF BENCHING SHALL BE ½ OF OUTLET PIPE DIAMETER.
5. 100mm SUBSOIL DRAINAGE PIPE 3000 LONG WRAPPED IN FABRIC SOCK TO BE PROVIDE ADJACENT TO INLET PIPES.
6. ALL PITS SHALL BE PROVIDED WITH A LOCKING CLIP.
7. PIT GRATE TO BE 'WELDLOK' GULLY GRATE GG 78-50 OR APPROVED EQUIVALENT.
8. DURING INSTALLATION OF GRATE AND FRAME CONTRACTOR IS TO ENSURE CLEARANCE BETWEEN LINTEL AND OPENED GRATE (REFER TO INSTALLATION TOLERANCE).
9. PROVIDE STEP IRONS AS INDICATED FOR PITS DEEPER THAN 1200.
10. N12 AT 200 CENTRAL MAY BE USED IN LEIU OF MESH. LAP 500 AT CORNERS



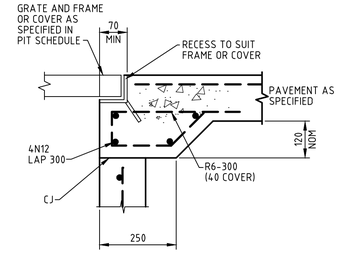
KERB INLET PIT SCALE 1:100 | SURFACE INLET PIT SCALE 1:100 | JUNCTION PIT SCALE 1:100

STORMWATER PIT SETOUT POINTS



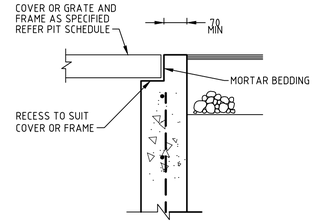
GRATED DRAIN (TD)

SCALE 1:10



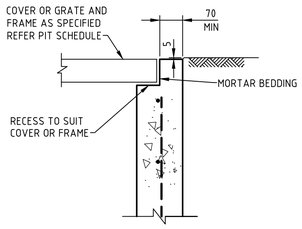
DETAIL "C"

SCALE 1:10



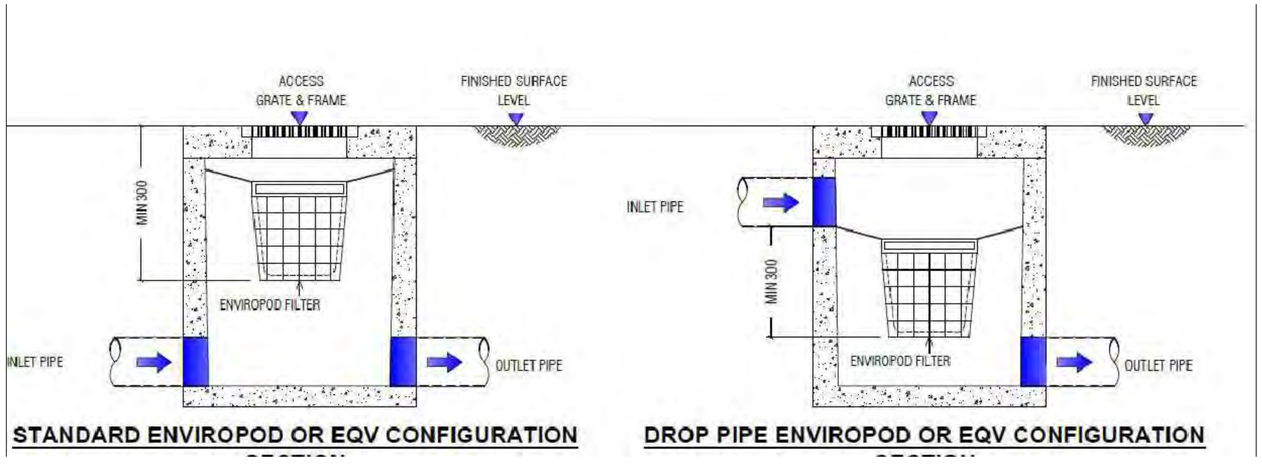
DETAIL "D"

SCALE 1:10



DETAIL "E"

SCALE 1:10



STANDARD ENVIROPOD OR EQV CONFIGURATION

DROP PIPE ENVIROPOD OR EQV CONFIGURATION

Issue	Description	Date
B	ISSUED FOR APPROVAL	01-07-22
A	ISSUED FOR APPROVAL	07-12-21

Bar Scales

0 100 200 400 600 800 1000mm

1 : 10 @ A1 1 : 20 @ A3

0 500 1000 1500 2000mm

1 : 20 @ A1 1 : 40 @ A3

Client
KARIMBLA CONSTRUCTION SERVICES (NSW) PTY LIMITED
Level 11, 528 Kent Street, Sydney NSW 2000
Tel: (02) 9287 2888 Fax: (02) 9287 2777
Email: info@design.meriton.com.au
Internet: http://www.meriton.com.au

Scales	AS SHOWN
Grid	MGA
Height Datum	AHD
Drawn	CK
Designed	CK
Checked	GJ
Approved	AT

DIAL 1100 BEFORE YOU DIG

Project
100 TALAVERA ROAD MACQUARIE PARK PHASE 2 BUILDING

Title
STORMWATER DETAILS

Civil Engineers and Project Managers
at&l
Level 7, 153 Walker Street North Sydney NSW 2060
ABN 96 130 882 405
Tel: 02 9439 1777
Fax: 02 9460 8413
www.atl.net.au
info@atl.net.au

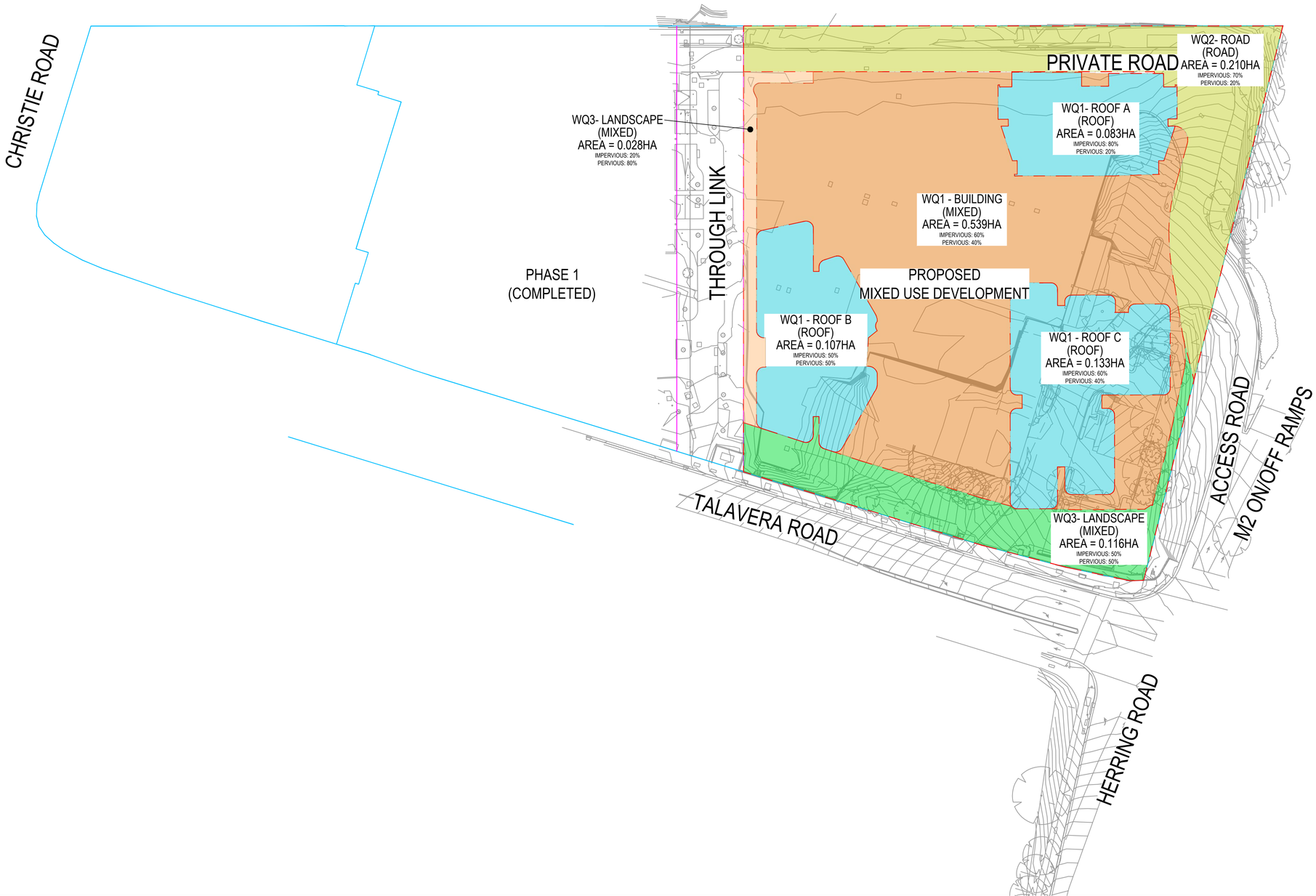
Status: FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Drawing No.	Project No.	Issue
DAC422	16-428	B

100mm on Original

F:\16-428 118 Talavera Road\Drgs\Civil\Final\DA - Building Phase 2 Package\DAC422.dwg



Issue	Description	Date
B	ISSUED FOR APPROVAL	01-07-22
A	ISSUED FOR APPROVAL	07-12-21

100mm on Original

Bar Scales

0 10 20 30 40 50m

1 : 500 @ A1 1 : 1000 @ A3

Client

KARIMBLA
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PTY LIMITED
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Scales	1 : 500
Grid	MGA
Height Datum	AHD
Drawn	CK
Designed	CK
Checked	GJ
Approved	AT

DIAL 1100 BEFORE YOU DIG

Project
100 TALAVERA ROAD
MACQUARIE PARK
PHASE 2 BUILDING

Title
STORMWATER DRAINAGE
CATCHMENT PLAN

Civil Engineers and Project Managers
at&l
Level 7, 153 Walker Street
North Sydney NSW 2060
ABN 96 130 882 405
Tel: 02 9439 1777
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Status
FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

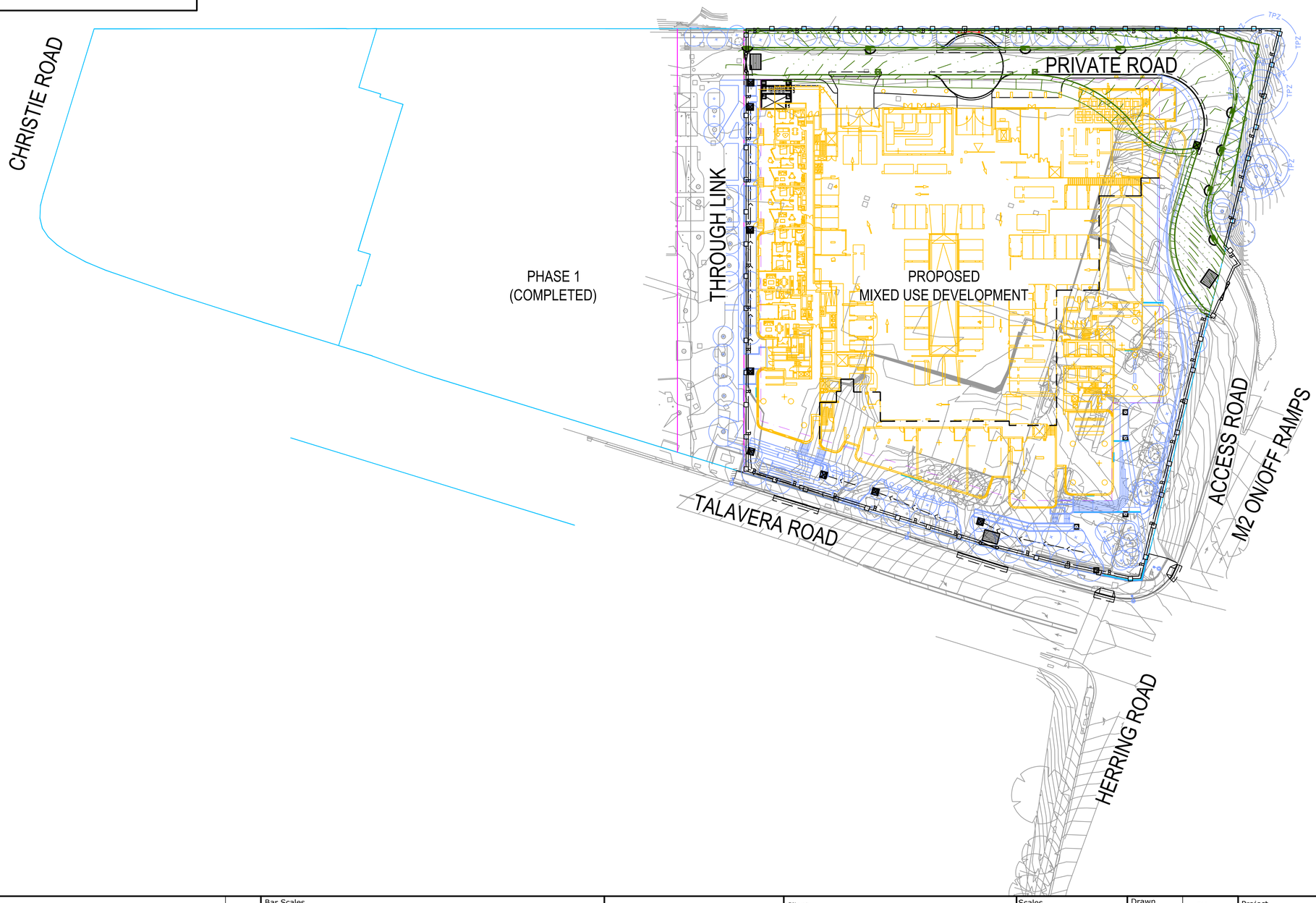
A1

Drawing No.	Project No.	Issue
DAC441	16-428	B

F:\16-428 118 Talavera Road\Drgs\Civil\Final\DA - Building Phase 2 Package\DAC441.dwg

LEGEND

- SEDIMENT FENCE (SD 6-8)
- BARRIER FENCE
- MESH AND GRAVEL INLET FILTER (SD 6-11)
- GEOTEXTILE INLET (SD 6-12)
- STABILISED SITE ACCESS AND TRUCK WASH DOWN AREA (SD 6-14)
- PROPOSED SITE ACCESS GATE



Issue	Description	Date
B	ISSUED FOR APPROVAL	01-07-22
A	ISSUED FOR APPROVAL	07-12-21

100mm on Original

Bar Scales

0 10 20 30 40 50m

1 : 500 @ A1 1 : 1000 @ A3

Client

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Scales	1 : 500
Grid	MGA
Height Datum	AHD
Drawn	CK
Designed	CK
Checked	GJ
Approved	AT

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Project

100 TALAVERA ROAD
MACQUARIE PARK
PHASE 2 BUILDING

Title

EROSION AND SEDIMENTATION CONTROL PLAN

Civil Engineers and Project Managers
at&l
Level 7, 153 Walker Street
North Sydney NSW 2060
ABN 96 130 882 405
Tel: 02 9439 1777
Fax: 02 9460 8413
www.atl.net.au
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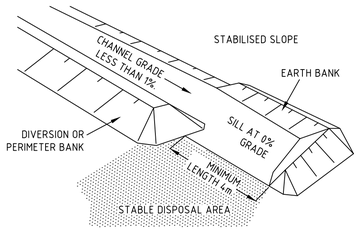
Status: FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

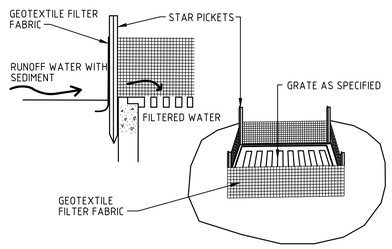
A1

Drawing No.	Project No.	Issue
DAC470	16-428	B

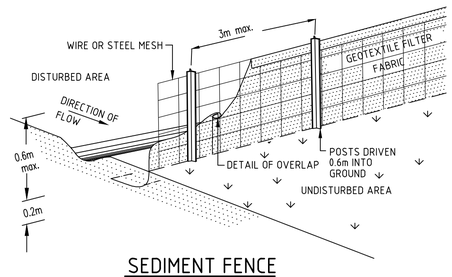
F:\16-428 118 Talavera Road\Drgs\Civil\Final\DA - Building Phase 2 Package\DAC470.dwg



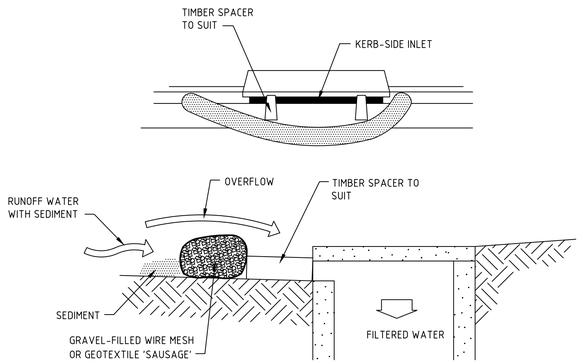
LEVEL SPREADER (OR SILL)
N.T.S



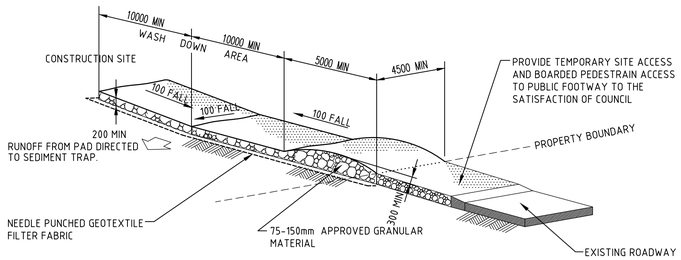
GEOTEXTILE FILTER PIT SURROUND
NTS



SEDIMENT FENCE
NTS



MESH AND GRAVEL INLET FILTER
NTS



STABILISED SITE ACCESS AND TRUCK WASH DOWN AREA
NTS

Issue	Description	Date
B	ISSUED FOR APPROVAL	01-07-22
A	ISSUED FOR APPROVAL	07-12-21

100mm on Original

Bar Scales

Client

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Scales	AS SHOWN
Grid	MGA
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Checked	GJ
Approved	AT

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Project
100 TALAVERA ROAD
MACQUARIE PARK
PHASE 2 BUILDING

Title
EROSION AND SEDIMENTATION CONTROL DETAILS

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Level 7, 153 Walker Street
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Status
FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Drawing No.	Project No.	Issue
DAC471	16-428	B

F:\16-428 118 Talavera Road\Drgs\Civil\Final\DA - Building Phase 2 Package\DAC471.dwg