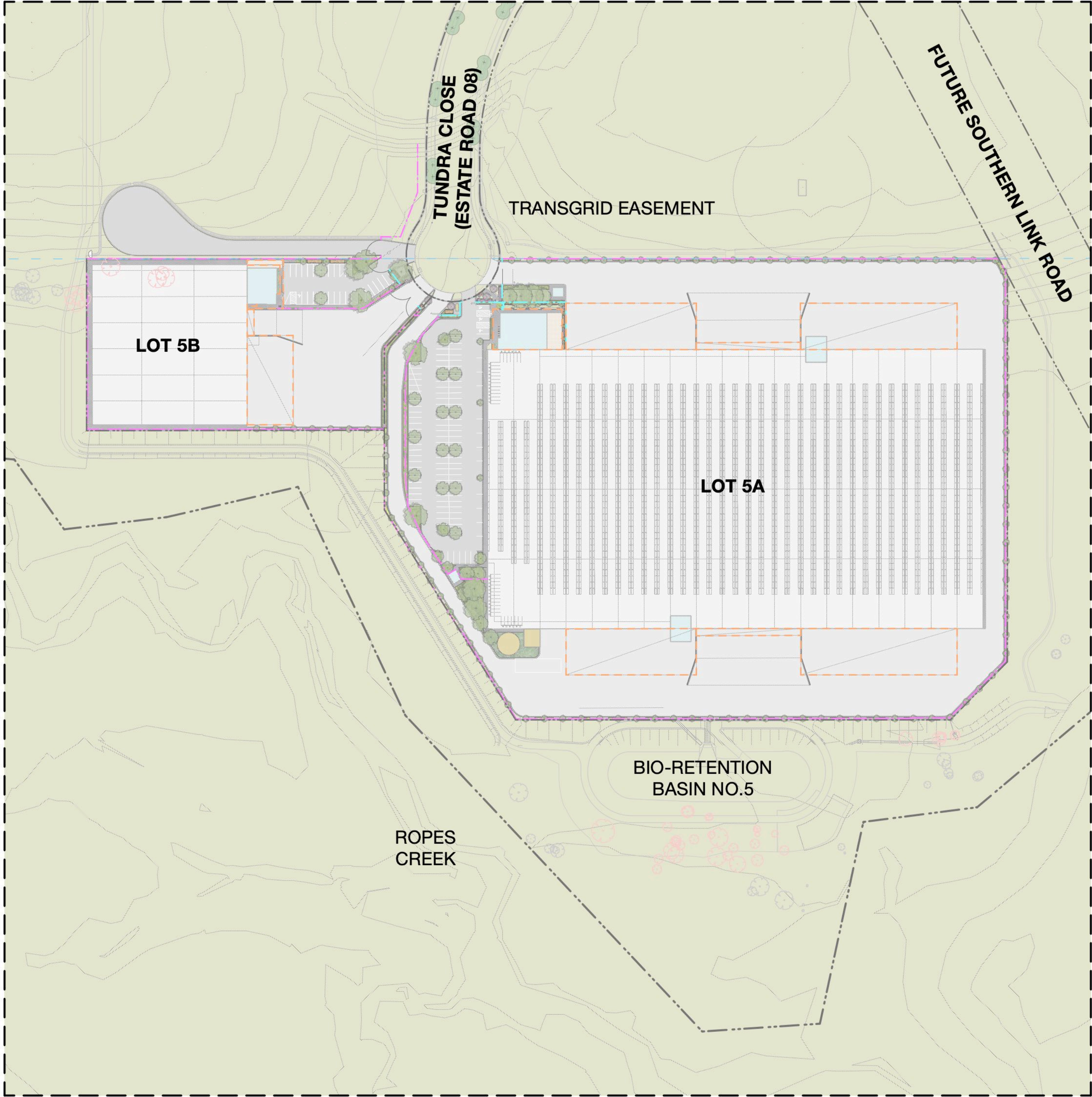


KEY MAP 



LANDSCAPE ARCHITECTURE  
Address Suite 5, 15 The Corso  
Manly NSW 2095  
Phone 02 9976 0756  
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Web www.scapedesign.com.au

PROJECT

Oakdale West Estate  
Lots 5A and 5B

Kemps Creek, NSW

CLIENT

Goodman Property Services (AUST) PTY LTD

Cover Sheet

PHASE

Development Application  
Landscape Drawing Set

TRANSMITTAL

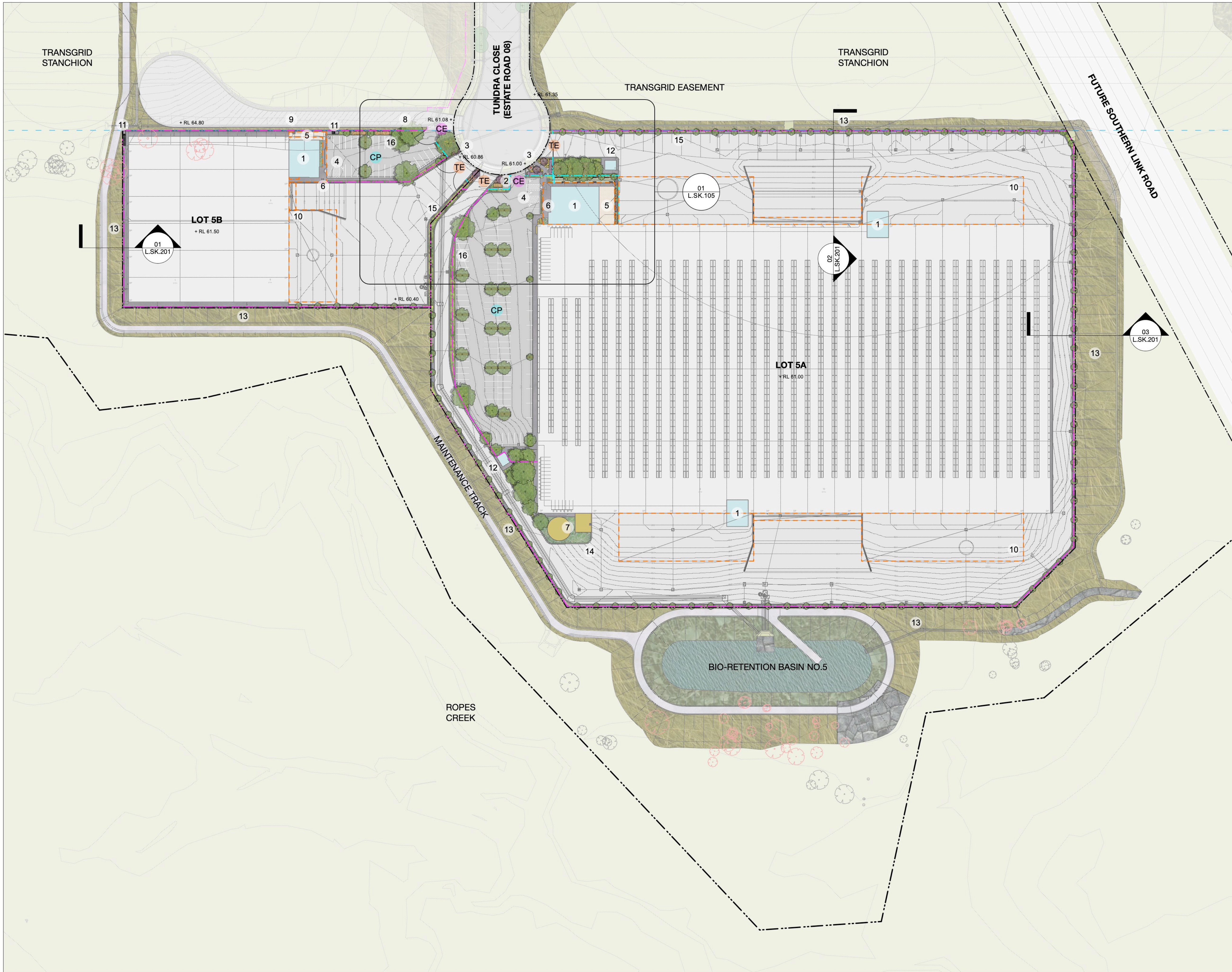
Dwg. Number	Dwg. Name	Revision	Date
L.SK.00	Cover Sheet	C	8/11/22
L.SK.01	Landscape Sketch Plan - Lot 5A & 5B	C	8/11/22
L.SK.02	Planting Plan - Lot 5A & 5B	C	8/11/22
L.SK.03	Planting Schedule - Lot 5A & 5B	C	8/11/22
L.SK.04	Character & Materials	C	8/11/22
L.SK.105	Landscape - Detailed Plan & Notes	C	8/11/22
L.SK.200	Carpark Details	C	8/11/22
L.SK.201	Landscape Sections Sheet 1	C	8/11/22

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Stage 8 DA - Lot 5A & 5B

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LEGEND

PROGRAMME		PAVEMENTS	
1	Office	Coarse Aggregate	
2	Substation	Asphaltic Concrete	
3	Entry Feature Trees	Decomposed Granite	
4	Accessible Parking	Insitu Concrete	
5	Staff Rest Area	Precast Concrete	
6	Bike Parking	Stone Tiles	
7	Fire Services	Feature paving	
8	Fire Brigade Access Gate	Rock Swale	
9	Fire Brigade Access Road	Rock Pitching	
10	Waste Storage Area	Rock mulch - bluestone	
11	Stair & Gate	Rock mulch - sandstone	
12	Gate House	Pram Ramp	
13	Revegetation area (hydroseeding)		
14	Fire truck parking		
15	Trailer uncoupling area		
16	EV bays		
CE	Car Entry/exit		
CP	Carparking		
TE	Truck Entry/exit		
GENERAL		FURNITURE & FITTINGS	
Site Boundary		Proposed Bicycle Rack	
Lot Boundary		Proposed Street Lighting	
Transgrid Easement		Proposed Sandstone Block	
Finished Floor Level		Gate	
Reduced Level		Signage	
Architecture Above		Light Type 1	
Fence Type 1 Refer Arch. dwgs.			
Fence Type 2 Refer Arch. dwgs.			
Demolition			
Proposed Ramp			
Proposed Stairs			
Building			
Amenities Lot			
Services			
WALLS & EDGES		PLANTING	
Existing Retaining Wall		TF1-General Turf	
Steel Edge		TF2-Feature Turf	
Flush Concrete Kerb		PM1A-Car park edge mix-sun	
Raised Concrete Kerb		PM1B-Car park edge mix-shade	
Retaining Gabion Wall		PM2A-Car park island mix-sun	
Retaining Insitu Wall		PM2B-Car park island mix-shade	
Steel Wall		PM3A-Site edge mix - sun	
Noise Wall		PM3B-Site edge mix - shade	
		PM4-Site markers mix	
		PM5A-Feature planting mix-sun	
		PM6A-Site hedge mix-sun	
		PM7A-Groundcover mix A	
		PM7B-groundcover mix B	
		PM9A-Climbers mix	
		Stage 1 Landscape Works	
		RM1A-Native grasses on fill embankment	
		RM3-Pasture grass revegetation mix	
PREPARATION & GROUNDWORKS		TREES	
Existing Tree to be Retained		Existing Tree to be Retained	
Existing Tree to be Removed Refer ARBORISTS REPORT		Existing Tree to be Removed Refer ARBORISTS REPORT	
Stage 1 Works - Proposed Tree		Stage 1 Works - Proposed Tree	
Proposed Tree - General		Proposed Tree - General	
Proposed Tree - Entry Marker		Proposed Tree - Entry Marker	
Proposed Tree - Site Marker		Proposed Tree - Site Marker	

**scape** DESIGN

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PROJECT  
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**Goodman Property Services**

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B	FOR REVIEW	ZZ	10/5/22
A	FOR REVIEW	ZZ	2/5/22
revision	revision description	by	date

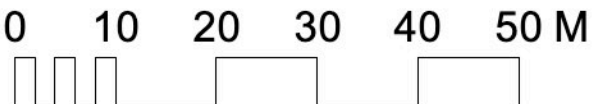
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**Landscape Sketch Plan - Lot 5A & 5B**

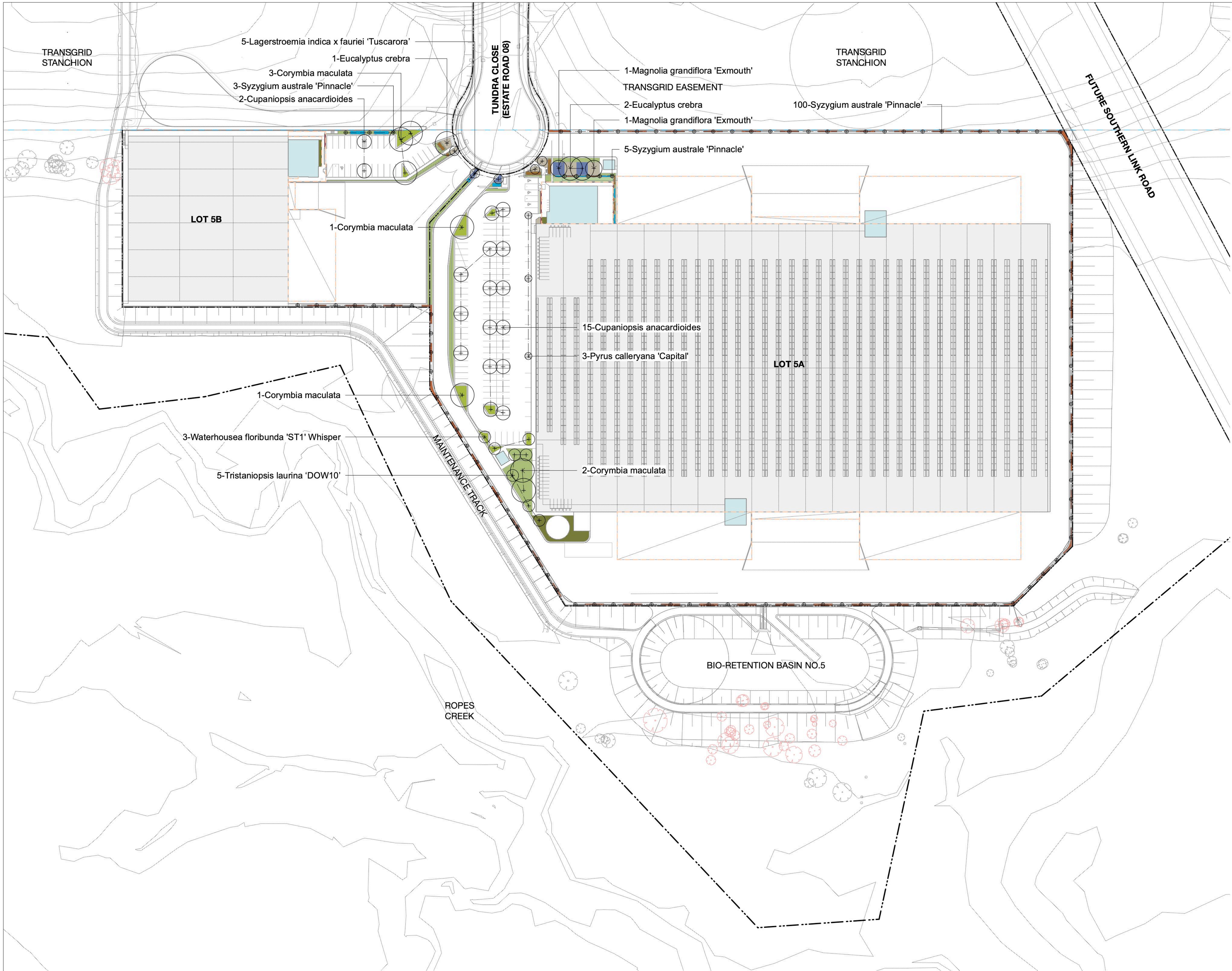
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drawn ZZ  
checked CH  
project no. 163-18  
project phase Development Application

**L.SK.01**

Note: All finished levels subject to change +/- 1000mm.







LEGEND

PLANTING

TF1-General Turf

TF2-Feature Turf

PM1A-Car park edge mix-sun

PM1B-Car park edge mix-shade

PM2A-Car park island mix-sun

PM3A-Site edge mix low - sun

PM5A-Feature planting mix

PM6A-Site hedge mix - sun

PM7A-Groundcover mix A

PM7B-Groundcover mix B

PM9A-Climbers mix

Proposed tree/specimen plant

scape DESIGN

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PROJECT

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B FOR REVIEW 10/5/22

A FOR REVIEW 2/5/22

revision revision description by date

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Planting Plan - Lot 5A & 5B

scale 1:500@A1

drawn ZZ

checked CH

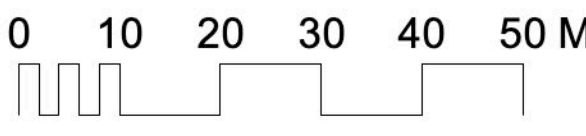
project no. 163-18

project phase Development Application

L.SK.02

C

Note: All finished levels subject to change +/- 1000mm.





## PLANTING SCHEDULE - LOT 3B

	Botanical Name	Common Name	Height (m)	Spread (m)	Pot Size	Rate (m2)	
Trees	<i>Corymbia maculata</i>	Spotted Gum	30.0	10.0	75L	As Shown	
	<i>Cupaniopsis anacardioides</i>	Tuckeroo	12.0	6.0	100L	As Shown	
	<i>Eucalyptus crebra</i>	Narrow leaved Ironbark	30.0	10.0	75L	As Shown	
	<i>Lagerstroemia indica x fauriei</i> 'Tuscarora'	Crepe Myrtle (Hot Pink)	8.0	4.0	200L	As Shown	
	<i>Magnolia grandiflora</i> 'Exmouth'	Bull Bay Magnolia	12.0	7.0	75L	As Shown	
	<i>Pyrus calleryana</i> 'Capital'	Capital Flowering Pear	10.0	3.0	100L	As Shown	
	<i>Syzygium australe</i> 'Pinnacle'	Pinnacle Lilly Pilly	6.0	1.5	75L	As Shown	
	<i>Tristanopsis laurina</i> 'DOW10'	Water Gum	10.0	5.0	75L	As Shown	
	<i>Waterhousea floribunda</i> 'ST1' 'Whisper'	Weeping Lilly Pilly	8.0	5.0	75L	As Shown	
	PM1A - Car Park Edge Mix - Sun						Area =
<i>Callistemon viminalis</i> 'Little John'		Little John Bottlebrush	0.6	0.8	200mm	2	
<i>Pennisetum alopecuroides</i> 'Nafray'		Pennisetum Nafray	0.5	0.5	140mm	1	
<i>Trachelospermum jasminoides</i>		Star Jasmine	0.9	0.3	140mm	2	
PM1B - Car Park Edge Mix - Shade						Area =	128 sq.m
	<i>Pennisetum alopecuroides</i> 'Nafray'	Pennisetum Nafray	0.5	0.5	140mm	1	
	<i>Trachelospermum jasminoides</i>	Star Jasmine	0.9	0.3	140mm	2	
	<i>Viola hederacea</i>	Native Violet	0.1	0.2	140mm	2	
PM2A - Car Park Island Mix - Sun						Area =	163 sq.m
	<i>Gazania tomentosa</i>	Silver Gazania	0.3	1.5	140mm	2	
	<i>Nandina domestica</i> 'Gulf Stream'	Dwarf Sacred Bamboo	0.8	0.8	300mm	2	
	<i>Pennisetum alopecuroides</i> 'Nafray'	Pennisetum Nafray	0.5	0.5	140mm	1	
PM3A - Site Edge Mix Low - Sun						Area =	372 sq.m
	<i>Callistemon</i> 'Great Balls of Fire'	Bottlebrush	2.0	2.0	300mm	1	
	<i>Callistemon</i> 'White Anzac'	Bottlebrush	1.0	2.0	300mm	1	
	<i>Gazania tomentosa</i>	Silver Gazania	0.3	1.5	140mm	2	
	<i>Pennisetum alopecuroides</i> 'Nafray'	Pennisetum Nafray	0.5	0.5	140mm	1	
PM5A - Feature Planting Mix						Area =	37 sq.m
	<i>Doryanthes excelsa</i>	Gynea Lily	2.0	1.5	300mm	2	
	<i>Lorapetalum chinense rubrum</i> 'China Pink'	Chinese Fringe Flower	1.5	1.5	300mm	2	
	<i>Photinia x fraseri</i> 'Red Robin'	Red Robin	3.0	2.0	300mm	1	
PM6A - Site Hedge Mix - Sun						Area =	41 sq.m
	<i>Acmena smithii</i> 'Fire Screen'	Creek Lilly Pilly	2.0	1.2	300mm	1	
	<i>Metrosideros collina</i> 'Springfire'	NZ Christmas Bush	2.0	2.0	300mm	1	
	<i>Metrosideros thomasi</i>	New Zealand Christmas Bush	4.0	4.0	300mm	1	
	<i>Rhaphiolepis indica</i> 'Oriental Pearl'	Oriental Pearl Indian Hawthorn	1.0	1.0	300mm	2	
	<i>Rhaphiolepis indica</i> 'Snow Maiden'	Snow Maiden Indian Hawthorn	0.5	1.0	300mm	2	
PM7A - Groundcovers Mix A						Area =	104 sq.m
	<i>Gazania tomentosa</i>	Silver Gazania	0.3	1.5	140mm	2	
PM7B - Groundcovers Mix B						Area =	69 sq.m
	<i>Trachelospermum jasminoides</i> 'tricolor'	Tricolor Star Jasmine	0.5	1.0	140mm	2	
PM9A - Climbers Mix						Area =	14 sq.m
	<i>Trachelospermum jasminoides</i>	Star Jasmine	0.9	0.3	140mm	2	
TF1 - General Turf						Area =	52 sq.m
	<i>Stenotaphrum secundatum</i> 'Sir Walter'	Sir Walter Buffalo			Turf Roll		

**NOTE:**

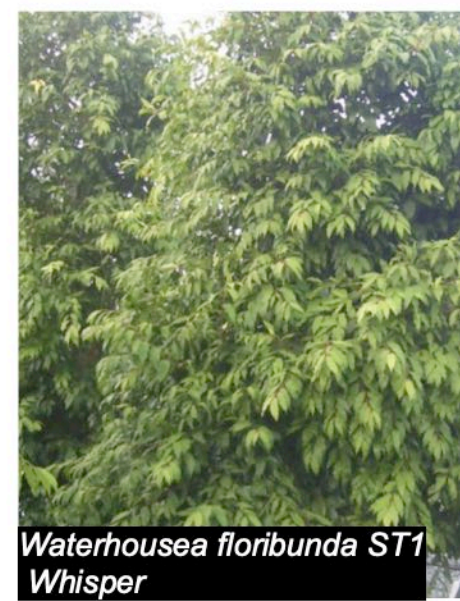
1. Mass planting to be undertaken in large groupings of the same species to approval of landscape architect.
2. Hedging species are to be set out in linear arrangements of same species to approval of landscape architect.
3. All planting and turf areas to be irrigated with subsurface drip line. Refer to the Oakdale West Estate Landscape Management Plan and Goodman Landscape Guidelines for further information

## PLANTING PALETTE

## Buffer Trees



## Car Park Trees



## Feature Trees



## PM1A - Car Park Edge Mix - Sun



## PM1B - Car Park Edge Mix - Shade



## PM2A - Car Park Island Mix - Sun



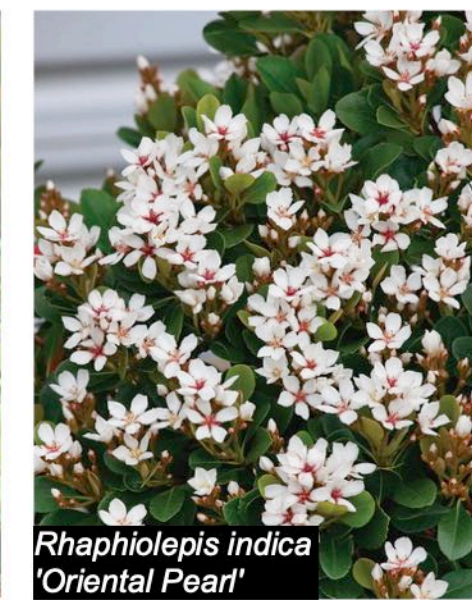
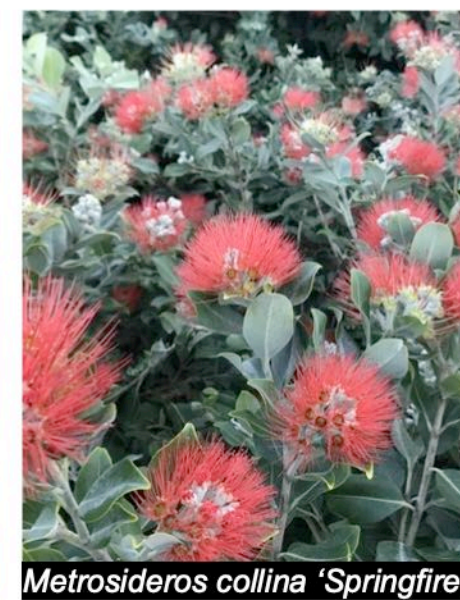
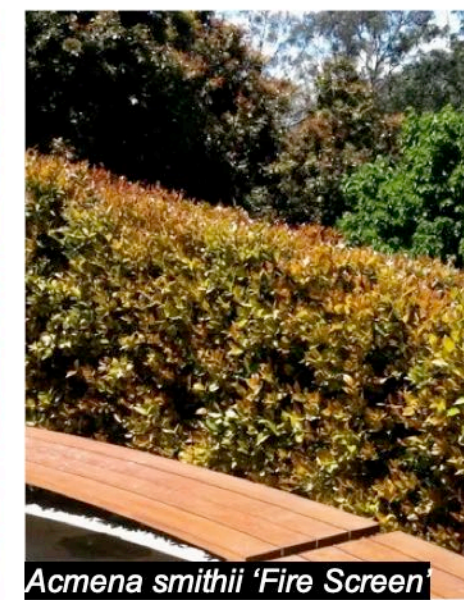
## PM3A - Site Edge Mix Low - Sun



### PM5A - Feature Planting Mix



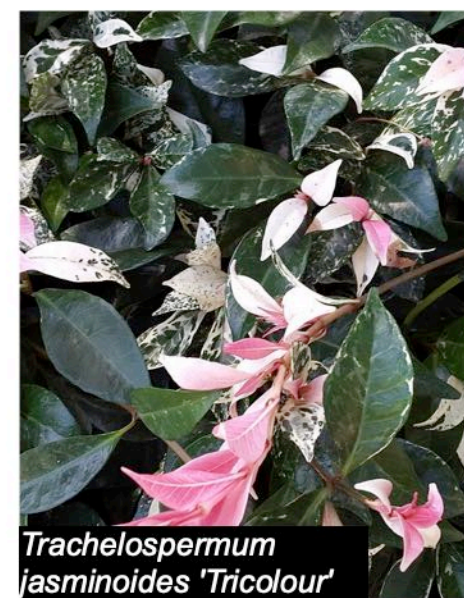
## PM6A - Site Hedge Mix - Sun



## PM7A - Groundcovers



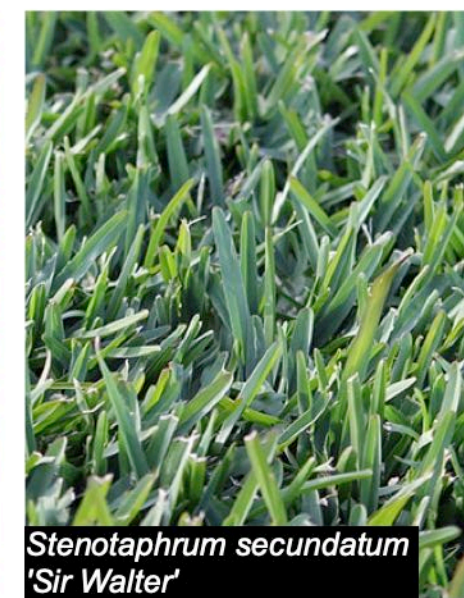
## PM7B - Groundcovers



### PM9A - Climbers Mix




TF1 - General Turf



**Note:** All finished levels subject to change +/- 1000mm.



## A large, rusted metal cattle pen or corral structure in a grassy field under a blue sky with clouds. The structure is made of heavy metal bars and has a curved entrance. It is surrounded by tall grass and some trees in the background.





A photograph of a modern building with large windows, surrounded by a landscaped area featuring a paved walkway, green grass, and various plants and trees.

***Lagerstroemia indica***  
**'Tuscarora'**



**Zoysia Tenuifolia**



	
LANDSCAPE ARCHITECTURE	
Stage 2 DA Lot 5A & 5B	Address Suite 5, 15 The Corso Manly NSW 2095 Phone 02 9976 0756 email office@sapedesign.com.au Web www.sapedesign.com.au
PROJECT	
Oakdale West Estate	
Kemps Creek, NSW	
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revision revision description	by date
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Character & Materials	
scale drawn checked project no. project phase	NTS ZZ CH 163-18 Development Application
L.SK.04	
C	





#### Landscape Design Statement - Lot 5A & 5B Development Application

The landscape design prepared for Oakdale West Estate – Lot 5A & 5B, aims to expand on previous individual lot design within Oakdale West, reinforcing a consistent and robust landscape character and adhering to the high standard this development aims to achieve. The design aims to address the key objectives of the NSW Planning *Greener Places* and *Urban Tree Canopy* Guidelines, as well as relevant Penrith City Council guidelines, in terms of maximising tree planting to mitigate heat island effects caused by large expanses of pavement and to screen built form. Lot 5A & 5B will incorporate over 100 native and exotic trees in order to address these requirements.

Permeable surfaces comprising vegetation, low maintenance turf and gravel, will be maximised in order to reduce run-off. Plant typologies implemented are to be low maintenance and drought resistant, ensuring all new landscaped areas are water sensitive and tolerant of the harsh Western Sydney climate. Lot 5A & 5B falls under Stage 8 of construction, which will already see the completion of the vegetated bund along the edges and a bio-retention basin at eastern edge of this lot.

When combined with the proposed estate streetscape design and perimeter revegetation, large canopy trees with mass planting of shrubs and groundcovers will form a dense vegetative screen for the development. Once within the site, tall feature trees help define the building edge and reinforce the main pedestrian entry points. Landscape topography and interest will also be provided through feature entry mounds, which are used at precinct nodes to establish a network of wayfinding features across the estate.

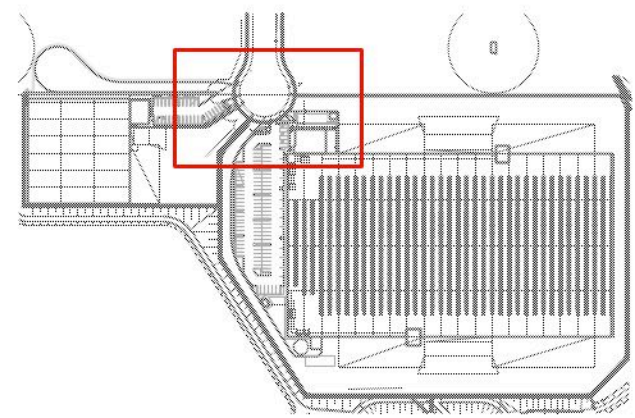
Overall, the planting palette aspires to balance council environmental and planning requirements, while also staying consistent to the high-quality Goodman landscape identity that is reflected throughout their estates both in Oakdale and more broadly in Western Sydney. With Goodman taking ownership of the landscape maintenance and on-going care of all landscape areas within Oakdale West Estate, the health and function both during the establishment period and beyond, will be carefully monitored and driven towards a successful and robust outcome.

**Note:** All finished levels subject to change +/- 1000mm.

#### LEGEND

PROGRAMME	PAVEMENTS
1 Office	Coarse Aggregate
2 Substation	Asphaltic Concrete
3 Entry Feature Trees	Decomposed Granite
4 Accessible Parking	Insitu Concrete
5 Staff Rest Area	Precast Concrete
6 Bike Parking	Stone Tiles
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Fence Type 1 Refer Arch. dwgs.	PM3A-Site edge mix - sun
Fence Type 2 Refer Arch. dwgs.	PM3B-Site edge mix - shade
Demolition	PM4-Site markers mix
Proposed Ramp	PM5A-Feature planting mix-sun
Proposed Stairs	PM5B-Site hedge mix-sun
Building	PM7A-Groundcover mix A
Amenities Lot	PM7B-groundcover mix B
Services	PM8A-Climbers mix
Stage 1 Landscaping Works	PM9A-Climbers mix
RM1A-Native grasses on fill embankment	
RM3-Pasture grass revegetation mix	
WALLS & EDGES	TREES
Existing Retaining Wall	Existing Tree to be Retained
Steel Edge	Existing Tree to be Removed Refer ARBORISTS REPORT
Flush Concrete Kerb	Stage 1 Works - Proposed Tree
Raised Concrete Kerb	Proposed Tree - General
Retaining Gabion Wall	Proposed Tree - Entry Marker
Retaining Insitu Wall	Proposed Tree - Site Marker
Steel Wall	
Noise Wall	

#### KEY PLAN



**scape** DESIGN

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PROJECT  
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revision	revision description	by	date

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#### Landscape Detailed Plan & Notes

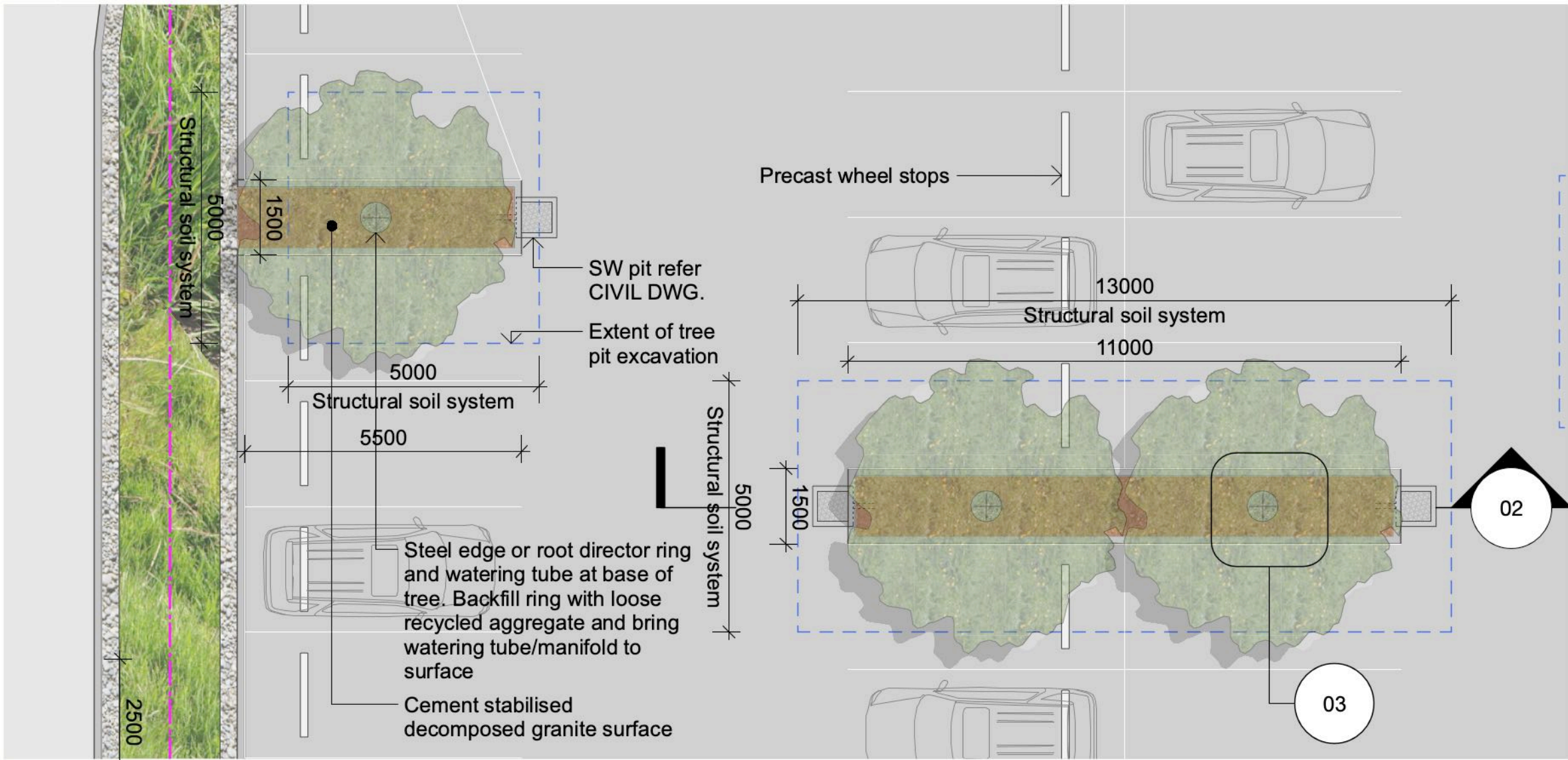
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project phase	Development Application

L.SK.105

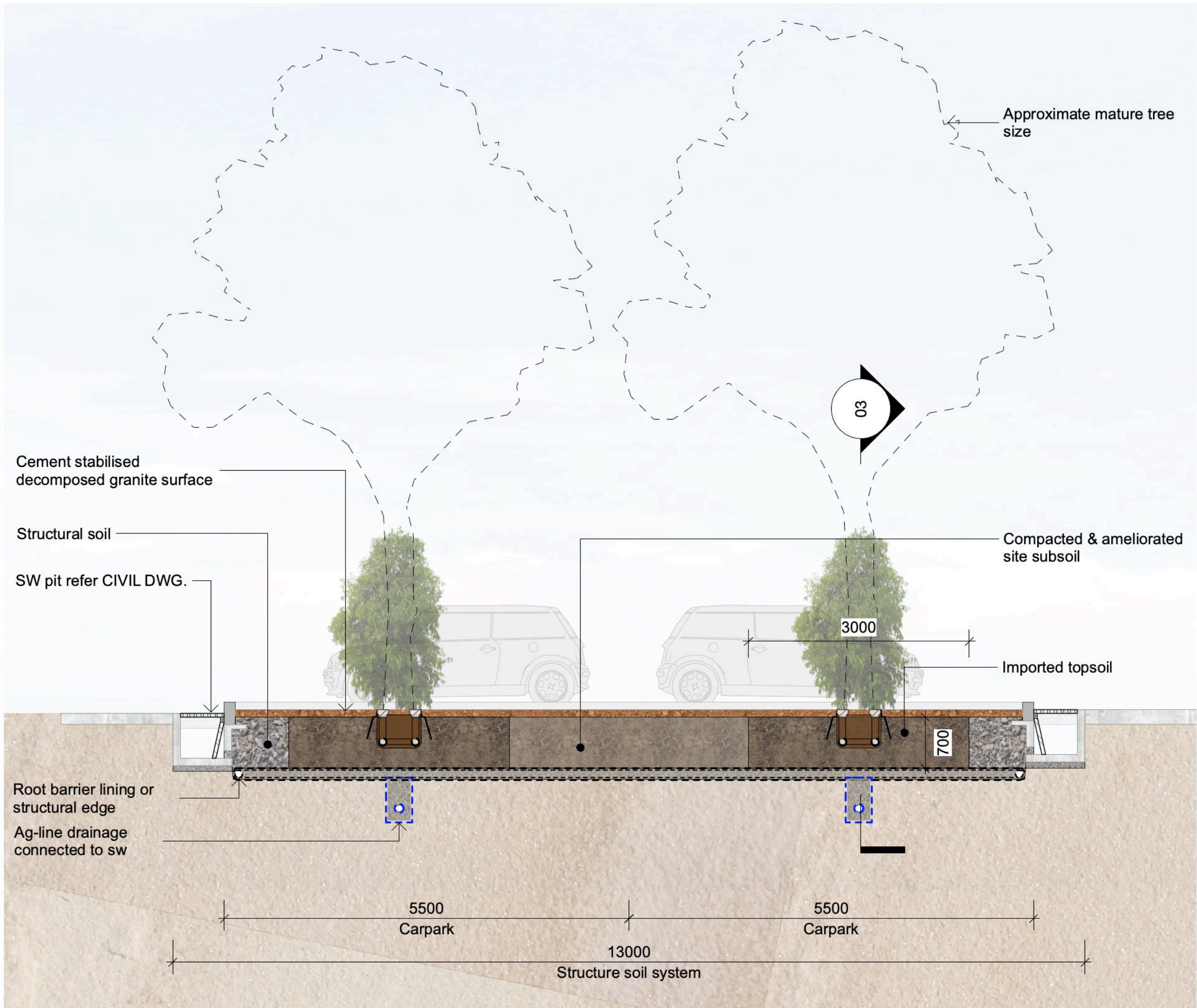
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0 2 4 6 8 10 M





01 Carpark Tree Pit System  
Detailed Plan - Scale 1:100 @ A1



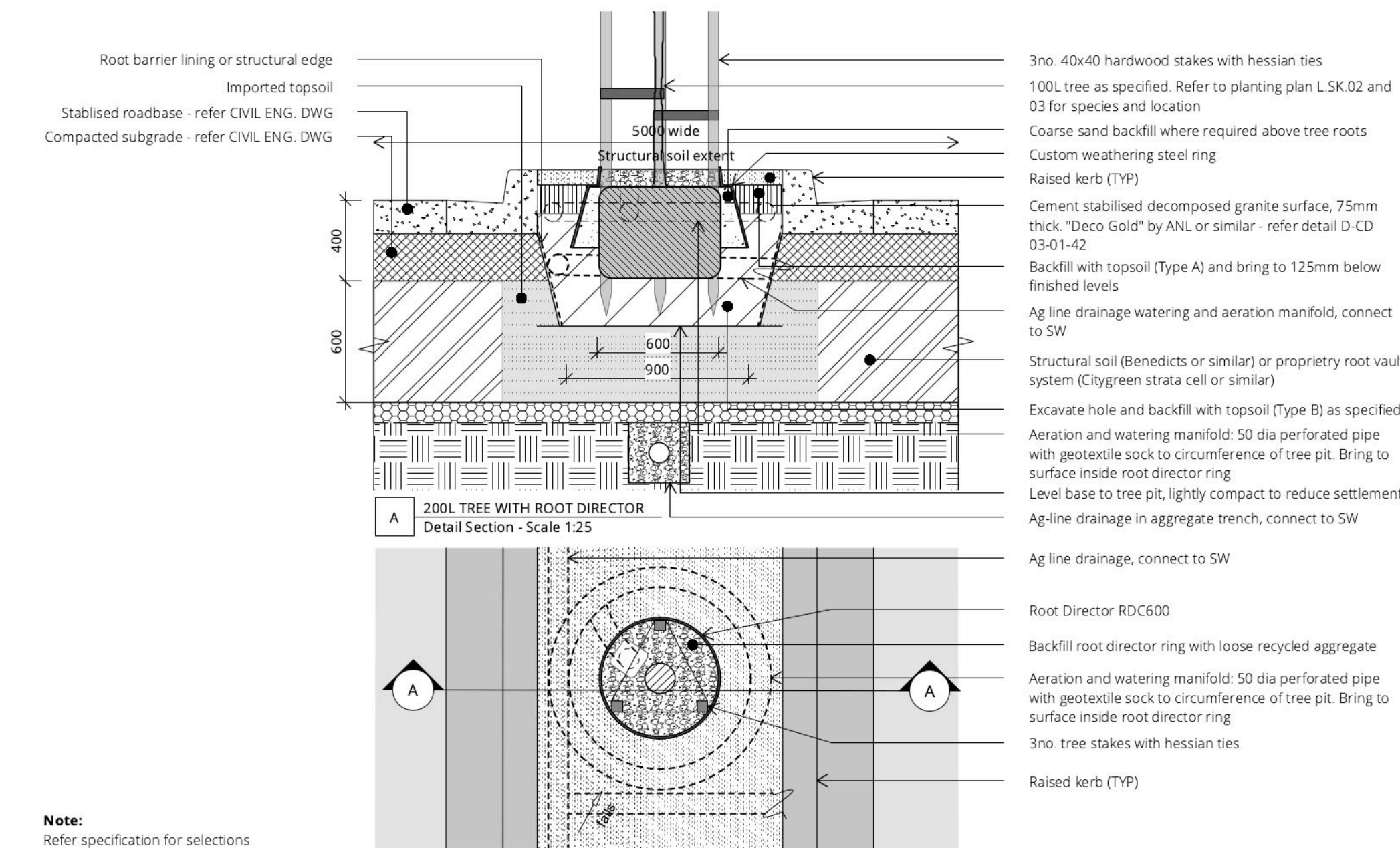
02 Carpark Tree Pit System  
Detailed Section - Scale 1:50 @ A1

Note: All finished levels subject to change +/- 1000mm.

#### MATERIALS SCHEDULE

Description	Volume
SOIL STRUCTURE SYSTEM	
Type 1 - Soil Structure System 5000x5000mm Paving-Soil Structure System Type 1	175.0 m3
Type 3 - Soil Structure System 5000x13000mm Paving-Soil Structure System Type 3	65.0 m3
Type 4 - Soil Structure System Triangle Islands Paving-Soil Structure System Type 4	391.8 m3
Total Volume	631.8 m3

**NOTES:**  
Full width of excavated tree pit (5000 W x 5000-13000 W x 700 D) to be back filled with imported topsoil, ameliorated site soil and structural soil. Provide a minimum of 15m3 of topsoil per tree in car park island beds.



Note:  
Refer specification for selections

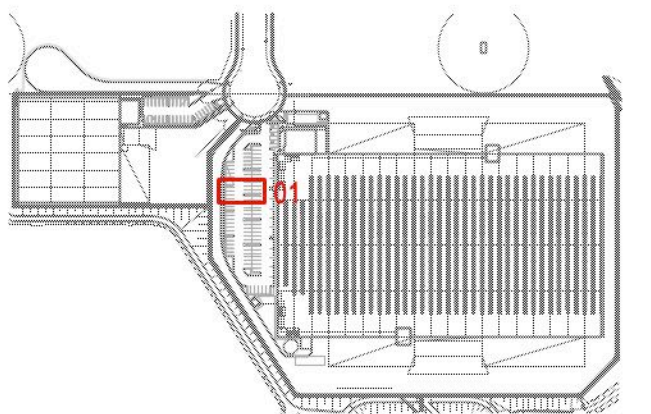
D-CD	TREE PLANTING - 100L TREE WITH ROOT DIRECTOR
08-02-21	Section   Plan - Scale 1:25 @ A1

03 Carpark Island Tree  
Detail - Scale 1:25 @ A1

#### LEGEND

- GENERAL
- Structure Below
- PAVEMENTS
- Concrete Insitu Vehicular
  - Coarse Aggregate
  - Structural Soil
  - Decomposed granite
- WALLS & EDGES
- Raised Concrete Kerb
- FURNITURE & FITTINGS
- Precast Wheel Stop
- TREES
- Proposed Tree - General

#### KEY PLAN



**SCAPE** DESIGN

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PROJECT  
**Oakdale West Estate**

Kemps Creek, NSW

CLIENT  
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C FOR REVIEW ZZ 8/11/22  
B FOR REVIEW ZZ 10/5/22  
A FOR REVIEW ZZ 2/5/22  
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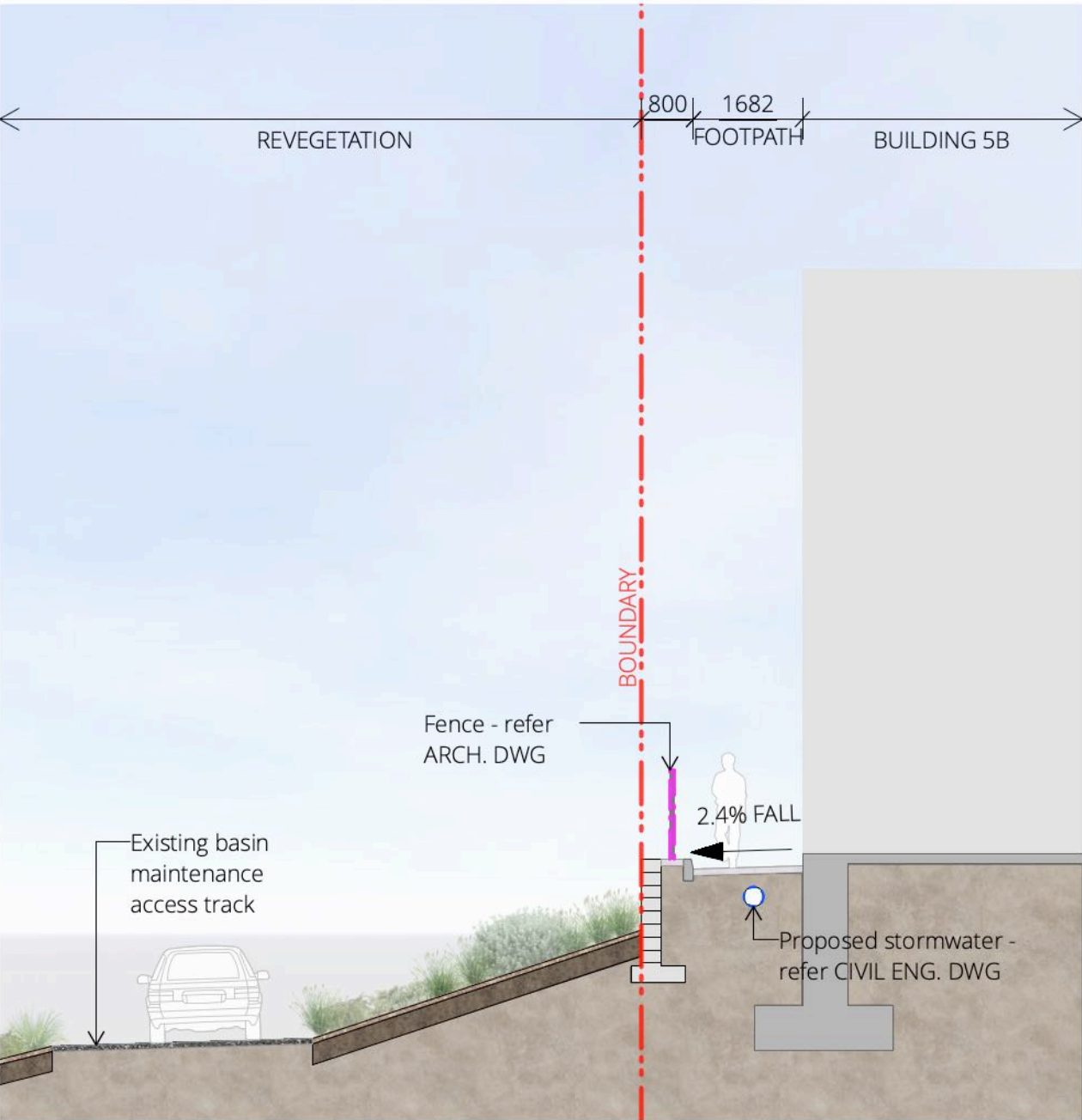
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checked CH  
project no. 163-18  
project phase Development Application

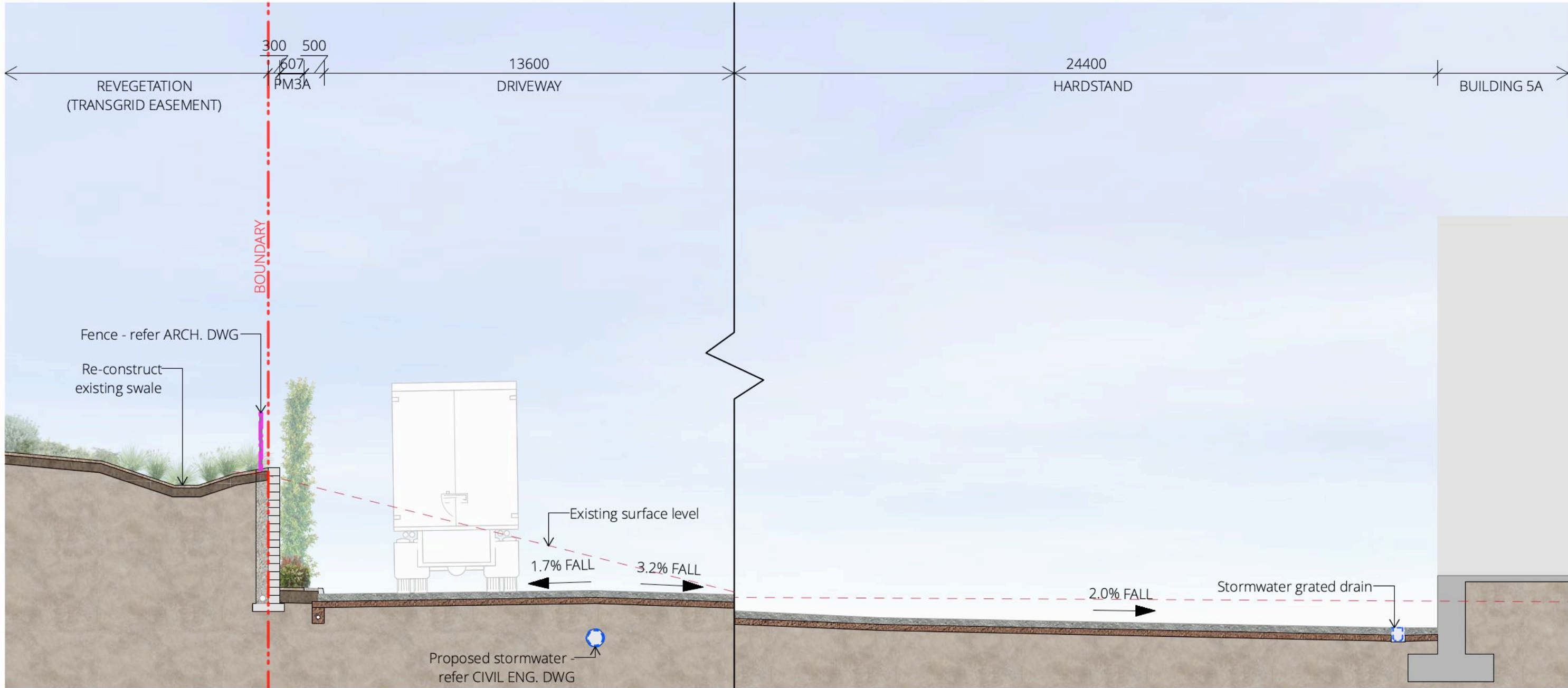
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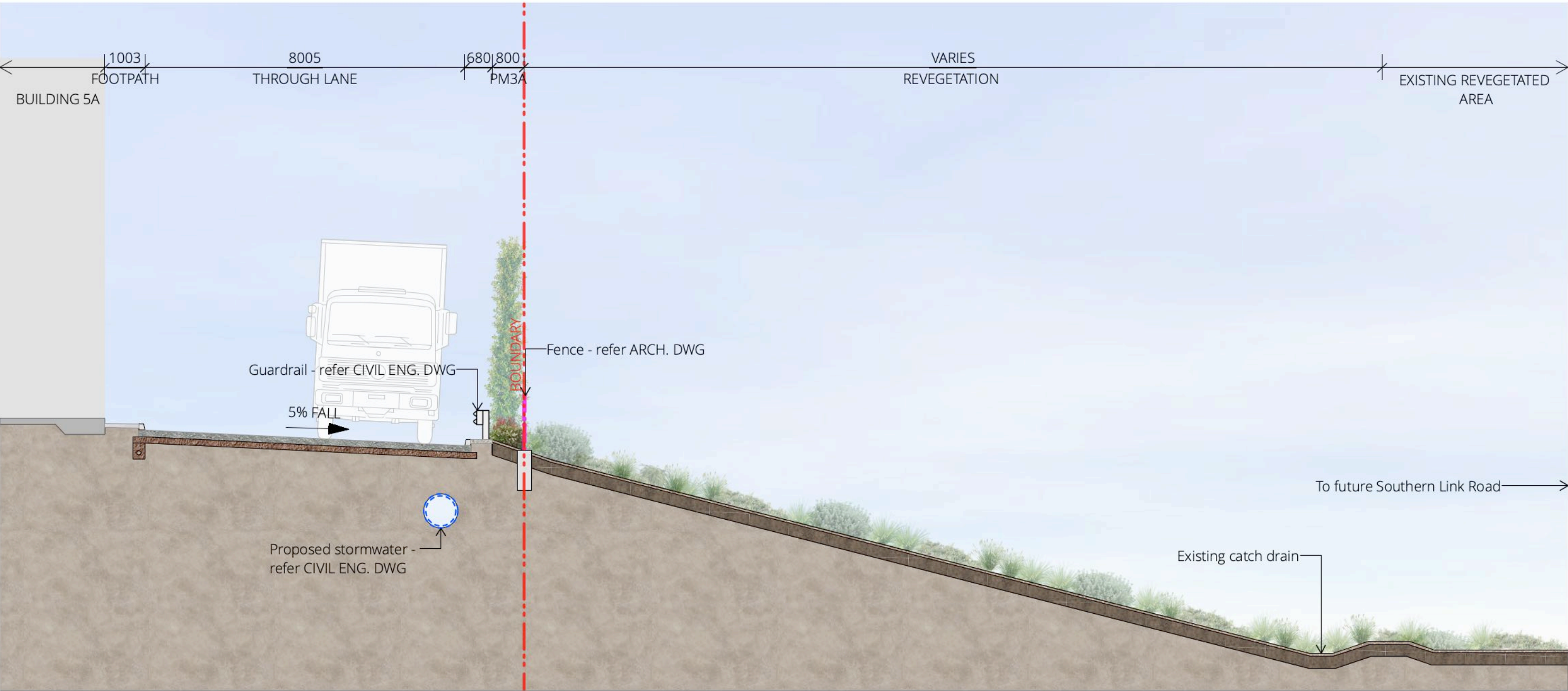




01 Lot 5B - Southern Perimeter  
Cross Section - Scale 1:100 @ A1

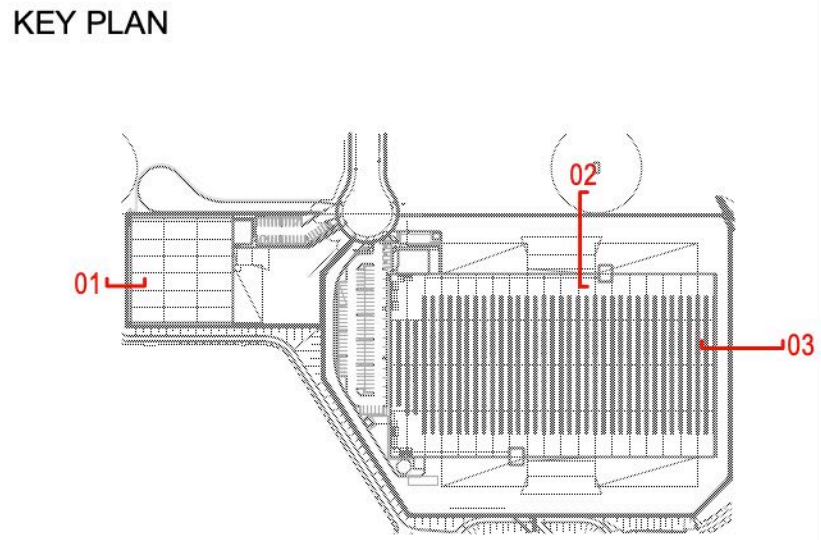


02 Lot 5A - Western Perimeter  
Cross Section - Scale 1:100 @ A1



03 Lot 5A - Northern Perimeter  
Cross Section - Scale 1:100 @ A1

Note: All finished levels subject to change +/- 1000mm.



**scape** DESIGN

LANDSCAPE ARCHITECTURE

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PROJECT  
**Oakdale West Estate**

CLIENT  
**Goodman Property Services**

**Not For Construction**

C	FOR REVIEW	ZZ	8/11/22
B	FOR REVIEW	ZZ	10/5/22
A	FOR REVIEW	ZZ	2/5/22

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Do not scale from this drawing.  
Refer to 'Dial Before You Dig' documents, design drawings and survey for locations of all services.  
Verify service locations prior to commencement.  
Verify all dimensions on site prior to construction.

## Landscape Sections Sheet 1

scale	1:50 & 1:100@A1
drawn	ZZ
checked	CH
project no.	163-18
project phase	Development Application