

	•			
No.#	Species	Size (Ht x Sp)	Condition	Actio
1	Eucalyptus sp.	18x9	Good	Reta
2	Angophora costata	15-18	Good	Reta
3	Eucalyptus sp.	17x16	Fair	Reta
А	Eucalyptus sp.	22	Good	Reta
В	Eucalypt and shrubs	6	Good	Reta
С	Callistemon salignus	2	Good	Reta

GENERAL NOTE:		ARCHITECT:	LANDSCAPE ARCHITECT:
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4. LANDSCAPE CONTRACTOR SHALL LOCATE AND AVOID SITE STORM WATER & DRAINAGE SERVICES. LOCATE TREES A MINIMUM 1.25M FROM PITS

5. ALL PLANTING AROUND EXISTING TREES SHALL BE ADJUSTED TO AVOID DAMAGE AND CLASHING WITH SURFACE ROOTS

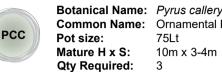
6.THE NATURE STRIP (STREET FRONTAGE) FOR THE SITE IS PUBLIC LAND, AND ONLY AUTHORIZED WORKS MAY OCCUR HERE. EXISTING CONDITIONS SUCH AS STREET TREES, COUNCIL PLANTING ETC SHALL BE RETAINED AND PROTECTED DURING CONSTRUCTION, UNLESS SPECIFIC APPROVAL HAS BEEN GRANTED FOR NEW WORK IN THIS AREA.

# TREES



Pot size:

Botanical Name: Elaeocarpus reticulatus **Common Name:** Blueberry Ash (Native) 75I t Mature H x S: 5-8m x 6-7m Qty Required: 4



Botanical Name: Pyrus calleryana 'Capital' **Common Name:** Ornamental Pear (Exotic)

75I t

Qty Required: 3 Pot size:

Botanical Name: Pyrus calleryana Common Name: Callery Pear (Exotic) 75Lt Mature H x S: 10-15m x 6-8m Qty Required:

# SHRUBS AND HEDGES

SC	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Syzygium 'Cascade'</i> Cascade Lilly Pilly (Native) 200mm 2.5m x 1.8m 10
GBF	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	Callistemon 'Great Balls of Fire' GBOF Bottlebrush (Native) 200mm 1.8m x 1.5m 37
WN	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Westringia 'Naringa'</i> Naringa Costal Rosemary (Native) 200mm 2.4m x 1.5m 25
WAB	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	Westringia 'Aussie Box' Westringia Aussie Box (Native) 200mm 0.9m x 0.9m 33
СВЈ	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	Callistemon 'Better John' Better John Bottlebrush (Native) 200mm 1m x 0.9m 37
ENS	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Eremophila nivea 'spring mist'</i> Emu Bush (Native) 200mm 1-1.5m x 1.5m 6

# ACCENT PLANTS

	<i>Doryanthes excelsa</i> Gymea Lily (Native) 300mm 1.1m x 1m 1
Botanical Name:	Anigozanthos 'Ruby

⋘

n Name: Gymea Lily (Native) 300mm H x S: 1.1m x 1m quired: 1 al Name: Anigozanthos 'Ruby Velvet' Common Name: Kangaroo Paw cvs (Native)

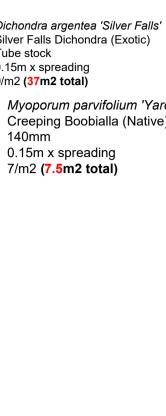
Pot size: 150mm Mature H x S: 0.4m x 0.3m Qty Required: 62

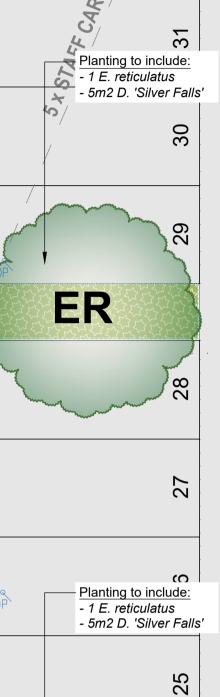
# GROUNDCOVER



Botanical Name: Dichondra argentea 'Silver Falls' **Common Name:** Silver Falls Dichondra (Exotic) Tube stock Mature H x S: 0.15m x spreading Qty Required: 9/m2 (37m2 total) **Botanical Name:** *Myoporum parvifolium 'Yareena'* **Common Name:** Creeping Boobialla (Native)

Mature H x S: 0.15m x spreading Qty Required: 7/m2 (7.5m2 total)





GBF CGBF CGBF CGBF

ER

33

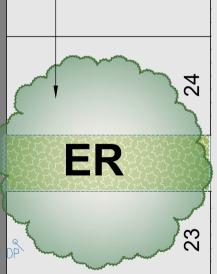
32

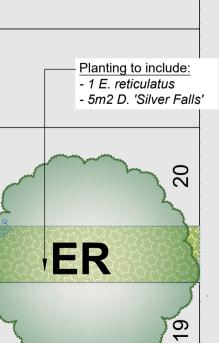
Planting to include:

1 E. reticulatus

SIO

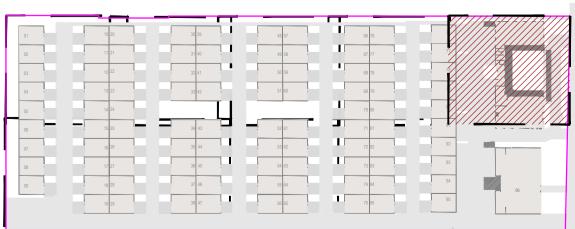
- 10m2 D. 'Silver Falls'





22

KEY PLAN



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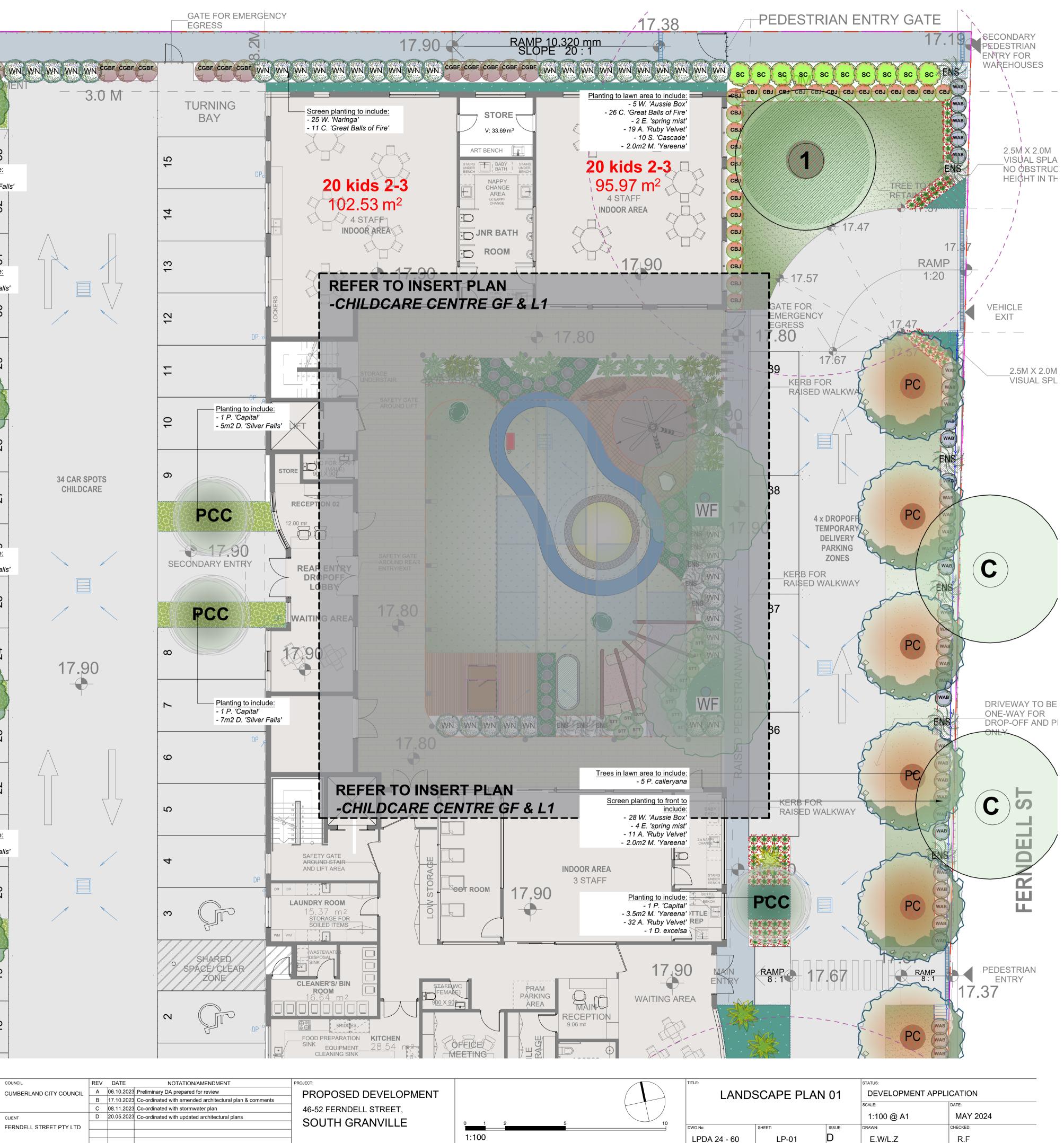
COUNCIL

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Document Set ID: 10904209 Version: 1, Version Date: 27/06/2024

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# TREES



Botanical Name: Waterhousia floribunda Common Name: Weeping Lilly Pilly (Native) Pot size: 75Lt Mature H x S: 10m x 6m

2

# SHRUBS AND HEDGES



🔵 STT

Botanical Name: Westringia 'Naringa' Common Name: Naringa Costal Rosemary (Native) 200mm Mature H x S: 2.4m x 1.5m Qty Required: 14 Botanical Name: Eremophila nivea 'spring mist' **Common Name:** Emu Bush (Native) 200mm Mature H x S: 1-1.5m x 1.5m Qty Required: 8 Botanical Name: Syzygium 'Tiny Trev' Common Name: Dwarf Lilly Pilly (Native) 200mm Mature H x S: 1m x 1m Qty Required: 14

# **ACCENT & FERNS**

Pot size:

Pot size:

Pot size:



Botanical Name:	<i>Rhaphis excelsa</i>
Common Name:	Rhaphis Palm (Exotic)
Pot size:	200mm
Mature H x S:	3m x 1.5m
Qty Required:	7
Botanical Name:	<i>Cyathea australis</i>
Common Name:	Rough Tree Fern (Native)
Pot size:	45L (Min 1m trunk)
Mature H x S:	2.5-5m x 3m
Qty Required:	1
Botanical Name:	Asplenium australasicum Birds Nest Fern (Native)

Common Name: Birds Nest Fern (Native) 200mm Mature H x S: 1m x 1.4m Qty Required: 8

Botanical Name: Calathea zebrina **Common Name:** Zebra plant (Exotic) 200mm Mature H x S: 1m x 0.6m Qty Required: 13

# GROUNDCOVER

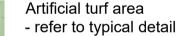


Botanical Name: Myoporum parvifolium 'Yareena' **Common Name:** Creeping Boobialla (Native) Pot size: 140mm Mature H x S: 0.15m x spreading Qty Required: 7/m2 (9m2 total)



**Botanical Name:** Dichondra repens **Common Name:** Kidney Weed (Native) 140 Mature H x S: 0.15m x spreading Qty Required: 9/m2 (17m2 total)

# **OTHER ITEMS**





Sandstone log seating area with pergola over for outdoor learning/crafting

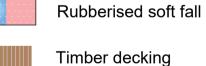


Tee pee crafting circle

Cubby house



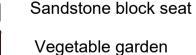
Recharge station



Steel garden edging

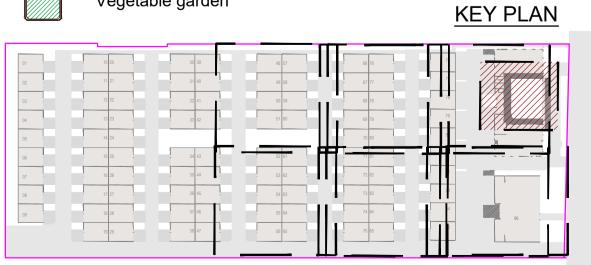






Sandpit

Vegetable garden



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Race track



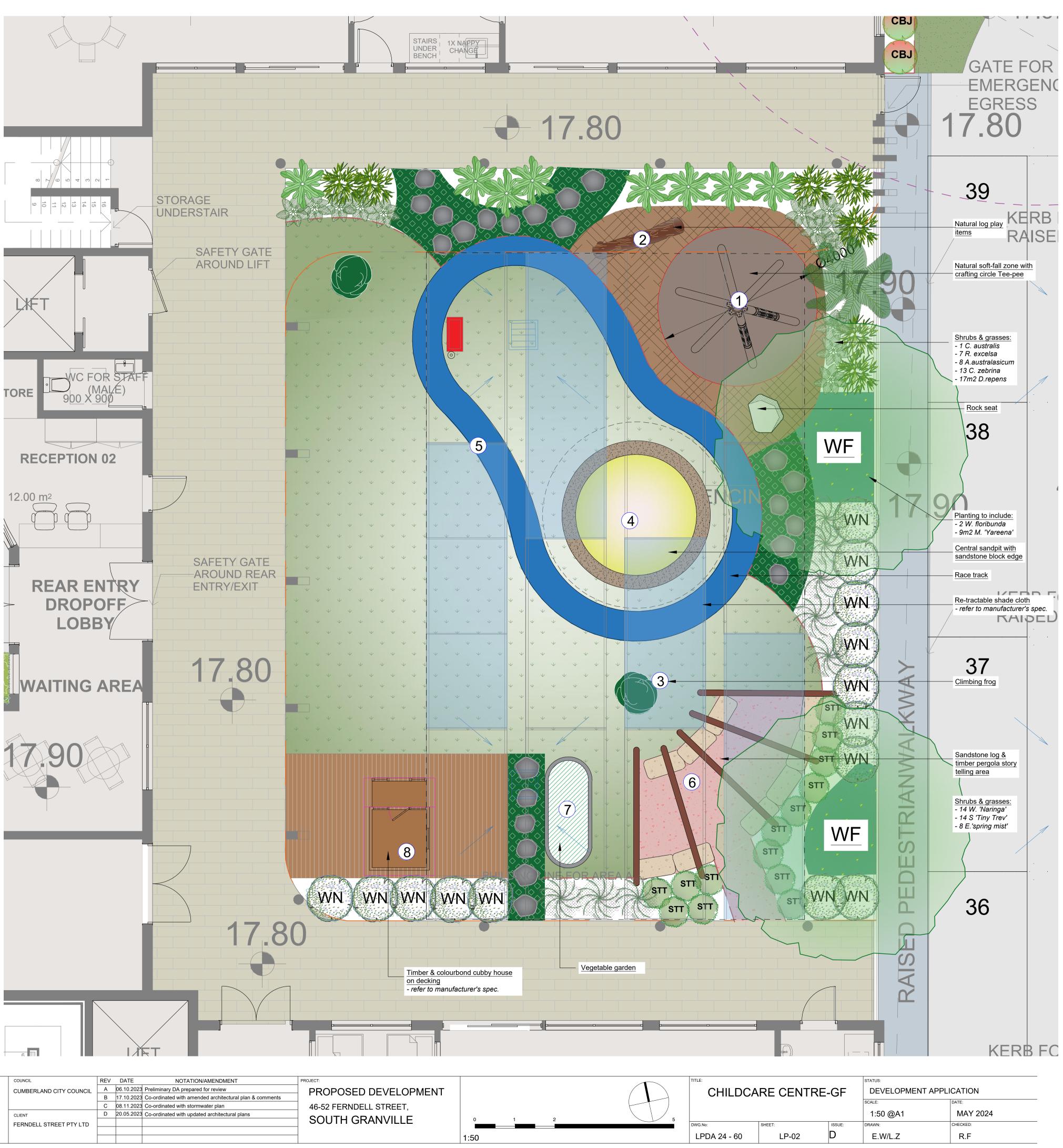
Sandstone Log & Timber Pergola



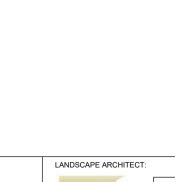
Vegetable garden



Cubby house by Aaron



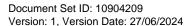




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Landscape Ar





GENERAL NOTE:



Sandpit

Climbing frog Qns at



Story telling space

Balance log play items

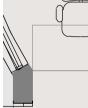
SAMPLE IMAGES (1)

Tee-Pee Crafting circle











CHILDCARE CENTRE-GF DEVELOPMENT APPLICATION			
	DEVELOPMENT APPLICATION		
SCALE: DATE:			
1:50 @A1 MAY 2024			
NG.No: SHEET: ISSUE: DRAWN: CHECKED:			
LPDA 24 - 60 LP-02 D E.W/L.Z R.F			

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# TREES



Botanical Name: Banksia serrata **Common Name:** Oldman Banksia (Native) 45Lt Pot size: Mature H x S: 3-5m x 3m

# **GROUNDCOVERS & GRASSES**

Pot size:

Qty Required: 4

DASF

#### Botanical Name: Dichondra argentea 'Silver Falls' **Common Name:** Silver Falls Dichondra (Exotic) 140mm Mature H x S: 0.15m x spreading Qty Required: 9/m2 (6m2 total)

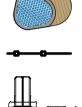
# **OTHER ITEMS**



Rubber softfall - refer detail



Artificial turf - refer detail



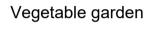
Pre-fabricated planter with seating - to be nom.

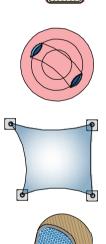
by client 1.8m ht acoustic wall to upper levels to be by others

Play equipment by Play Workshop - refer to manufacturer's spec.



Natural log play items





Mound & tunnel to manufacturer's spec.

Shade cloth to manufacturer's spec.

Pre-fabricated planter with seating - to be nom. by client





Planter with seating



Play item by Play Workshop



Natural log play items



Timber tower by Play Workshop

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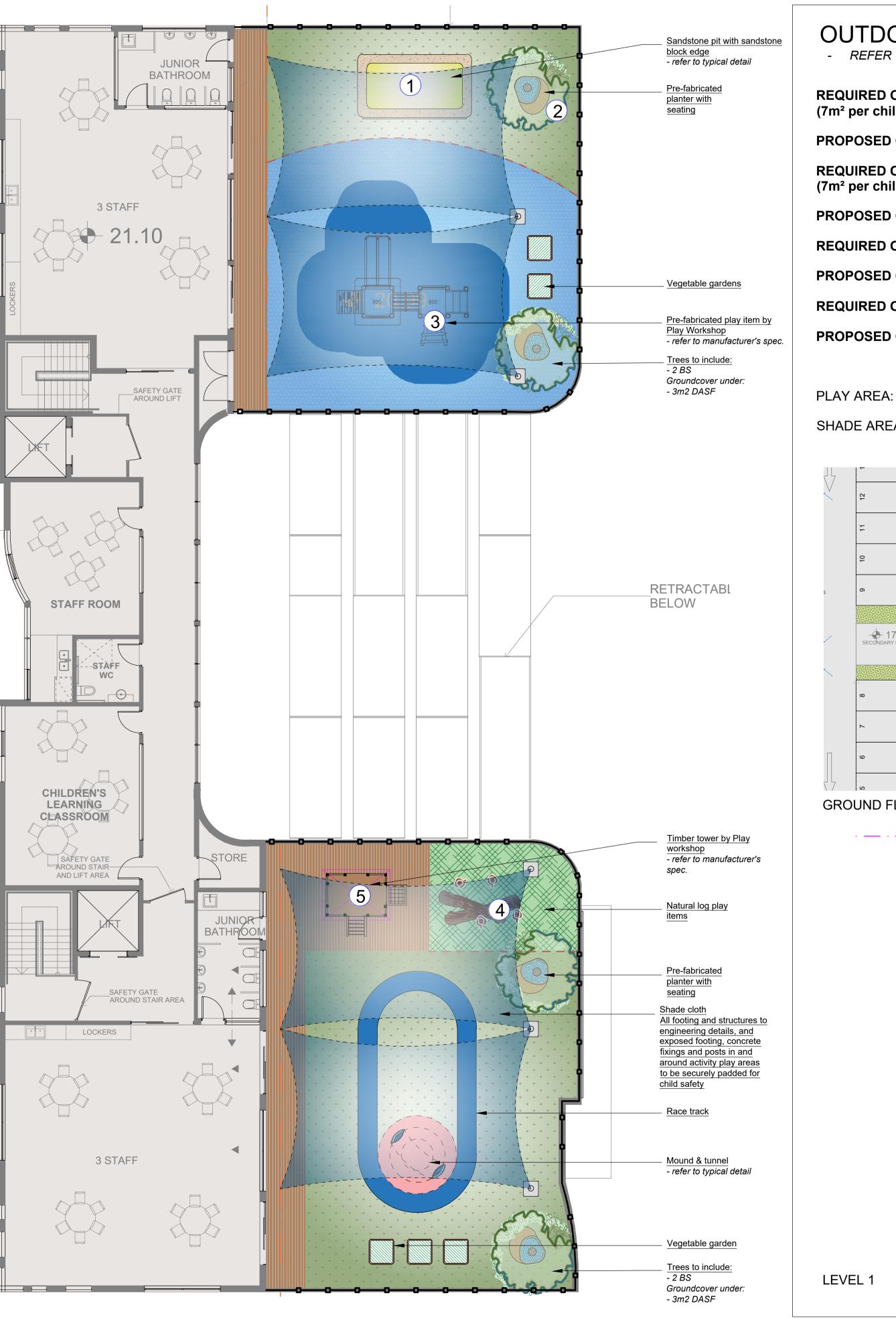
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ARCHITECT:



CUMBERLAND CITY Suit 101, 506 Miller Street, CAMMERAY NSW 2062 Phone: 9922 5312 Mob: 0413 861 351 CLIENT FERNDELL STREET www.conzept.net.au enquiries@conzept.net.au

COUNCIL



	REV	DATE	NOTATION/AMENDMENT	PROJECT:				T
COUNCIL	Α	06.10.2023	Preliminary DA prepared for review	PROPOSED DEVELOPMENT				
	В	17.10.2023	Co-ordinated with amended architectural plan & comments					
	С	08.11.2023	Co-ordinated with stormwater plan	46-52 FERNDELL STREET,				
	D	20.05.2023	Co-ordinated with updated architectural plans	,				'
PTY LTD				SOUTH GRANVILLE	0	1	2	
					1:50			

# SHADE AREA: TT 17090

**GROUND FLOOR** 

# OUTDOOR PLAY AREA CALCULATIONS

- REFER TO ARCHITECTURAL DRAWINGS FOR CALCULATION

- **REQUIRED OUTDOOR PLAY AREA FOR AREA GF:** (7m<sup>2</sup> per child, 51 children in total)
- PROPOSED OUTDOOR PLAY AREA FOR AREA GF:
- **REQUIRED OUTDOOR PLAY AREA FOR AREA L1:** (7m<sup>2</sup> per child, 59 children in total)
- PROPOSED OUTDOOR PLAY AREA FOR AREA L1:
- **REQUIRED OUTDOOR SHADE AREA FOR AREA GF:**
- **PROPOSED OUTDOOR SHADE AREA FOR AREA GF:**
- **REQUIRED OUTDOOR SHADE AREA FOR AREA L1:**
- **PROPOSED OUTDOOR SHADE AREA FOR AREA L1:**

357m<sup>2</sup>

432.73m<sup>2</sup> 413m<sup>2</sup>

414.75m<sup>2</sup> 130-260m<sup>2</sup> (30-60%) 342² (79%) 124-248m² (30-60%) 226m² (55%)





TITLE:			STATUS:	
CHILDCARE CENTRE L1			DEVELOPMENT APPLICATION	
			SCALE:	DATE:
			1:50 @A1	MAY 2024
DWG.No:	SHEET:	ISSUE:	DRAWN:	CHECKED:
LPDA 24 - 60	LP-03	D	E.W/L.Z	R.F

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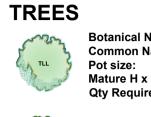
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# CANOPY TREES



Botanical Name: Corymbia maculata **Common Name:** Spotted Gum (Native) Pot size:

100Lt Mature H x S: 15-20m x 10m Qty Required: 2



ER

Botanical Name: Tristaniopsis laurina **Common Name:** Watergum (Native) 75I t Mature H x S: 5-8m x 3-5m Qty Required: 2

Botanical Name: Elaeocarpus reticulatus **Common Name:** Blueberry Ash (Native) 75Lt Mature H x S: 5-8m x 6-7m Qty Required: 10

# SHRUBS AND HEDGES

Pot size:

DV	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	Dodonaea viscosa * Sticky Hop Bush (Exotic) 300mm 3m x 2m 11
WBG	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Westringia 'Blue Gem'</i> B. Gem Coastal Rosemary (Native) 200mm 1.5m x 1.3m 34
STT	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Syzygium 'Tiny Trev'</i> Dwarf Lilly Pilly (Native) 200mm 1m x 1m 36
WAB	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	Westringia 'Aussie Box' Westringia Aussie Box (Native) 200mm 0.9m x 0.9m 34
СВЈ	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Callistemon 'Better John'</i> Better John Bottlebrush (Native) 200mm 1m x 0.9m 8
LNR	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Loropetalum chinense 'Purple Pixie'</i> Purple Pixie (Exotic) 200mm 0.5m x 1.5m 16
ASM	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Acmena smithii 'Minor'</i> Minor Lilly Pilly (Native) 200mm 2-3m x 2m 31
SC	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Syzygium 'Cascade'</i> Cascade Lilly Pilly (Native) 200mm 2.5m x 1.8m 128

ACCENT PLANTS					
		Doryanthes excelsa Gymea Lily (Native) 300mm 1.1m x 1m 3			

Pot size:

GROUNDCOVER

Groundcover Mix (Sun): Dianella caerulea 'Little jess' Lomandra hystrix 'katie belles' Hardenbergia 'Meema' Hibertia scandens Westringia 'Mundi' Grevillea 'Bronze Rambler' Myoporum parvifolium 'Yareena' Tube stock Pot size:

*Mature H x S:* < .5m Qty Required: 5/m2 (20.0m2 total) ER

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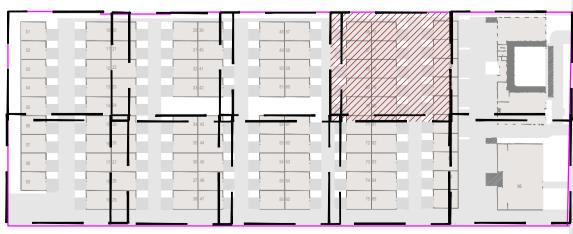
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Groundcover Mix Juncus usitatus * Dianella revoluta Ficina nodosa * Lomandra longifol Pennisetum alope Carex appressa *	ia*
Pot size:	Tubestock
Mature H x S:	< 0.6m
Qty Required:	6/m2 <b>(55.0m2 total)</b>
Botanical Name:	<i>Ficinia nodosa</i>
Common Name:	Knobby Club Rush (Native)
Pot size:	150mm
Mature H x S:	1.0m x 1.0m
Qty Required:	32
Botanical Name:	<i>Dichondra argentea 'Silver Fa</i>
Common Name:	Silver Falls Dichondra (Exotio

r Falls' xotic) Tube stock Mature H x S: 0.15m x spreading Qty Required: 9/m2 **(9m2 total)** 

# KEY PLAN



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1. ALL FINAL PLANT QUANTITIES INDICATED ON PLANS SHALL BE CHECKED AND VERIFIED BY SUCCESSFUL LANDSCAPE CONTRACTOR.

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3. WORKS CERTIFIED FOR FINAL OCCUPANCY CERTIFICATE ARE TO MATCH APPROVED LANDSCAPE PLANS. 4. LANDSCAPE CONTRACTOR SHALL LOCATE AND AVOID SITE STORM WATER & DRAINAGE SERVICES. LOCATE TREES A MINIMUM 1.25M FROM PITS

5. ALL PLANTING AROUND EXISTING TREES SHALL BE ADJUSTED TO AVOID DAMAGE AND CLASHING WITH SURFACE ROOTS

6.THE NATURE STRIP (STREET FRONTAGE) FOR THE SITE IS PUBLIC LAND, AND ONLY AUTHORIZED WORKS MAY OCCUR HERE. EXISTING CONDITIONS SUCH AS STREET TREES, COUNCIL PLANTING ETC SHALL BE RETAINED AND PROTECTED DURING CONSTRUCTION, UNLESS SPECIFIC APPROVAL HAS BEEN GRANTED FOR NEW WORK IN THIS AREA.

			.,
CANOP	Y TREES		GI
TREES	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Corymbia maculata</i> Spotted Gum (Native) 100Lt 15-20m x 10m 1	
	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Tristaniopsis laurina</i> Watergum (Native) 45Lt 5-8m x 3-5m 4	
•	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	Waterhousia floribunda Weeping Lilly Pilly (Native) 75Lt 10m x 6m 3	
ER	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Elaeocarpus reticulatus</i> Blueberry Ash (Native) 75Lt 5-8m x 6-7m 6	
SHRUBS	AND HED	GES	
SC	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Syzygium 'Cascade'</i> Cascade Lilly Pilly (Native) 200mm 2.5m x 1.8m 18	
WBG	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Westringia 'Blue Gem'</i> B. Gem Coastal Rosemary (Native) 200mm 1.5m x 1.3m 25	
СВЈ	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Callistemon 'Better John'</i> Better John Bottlebrush (Native) 200mm 1m x 0.9m 38	
LNR	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Loropetalum chinense 'Purple Pixie'</i> Purple Pixie (Exotic) 200mm 0.5m x 1.5m 5	
ASM	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Acmena smithii 'Minor'</i> Minor Lilly Pilly (Native) 200mm 2-3m x 2m 31	
SAP	Botanical Name Common Name Pot size: Mature H x S: Qty Required:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
STT	Botanical Name Common Name Pot size: Mature H x S: Qty Required:		
ACCEN	TPLANTS	6	
	Botanical Name: Common Name: Pot size: Mature H x S:	Doryanthes excelsa Gymea Lily (Native) 300mm 1 1m x 1m	

# GROUNDCOVER MIX

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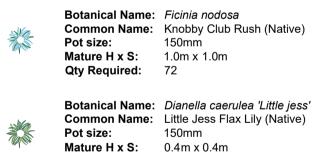
Groundcover Mix (Sun): Dianella caerulea 'Little jess' Lomandra hystrix 'katie belles' Hardenbergia 'Meema' Hibertia scandens Westringia 'Mundi' Grevillea 'Bronze Rambler' Myoporum parvifolium 'Yareena' Tube stock Pot size: *Mature H x S:* < .5m Qty Required: 5/m2 (40.0m2 total)

Groundcover Mix (Native grass): Juncus usitatus \* Dianella revoluta Ficina nodosa \* Lomandra longifolia\* Pennisetum alopecuroides Carex appressa \* Tubestock Pot size: Mature H x S: < 0.6m Qty Required: 6/m2 (20.0m2 total)

# Qty Required: 5

# **GROUNDCOVERS AND GRASS**

Mature H x S: 1.1m x 1m



Pot size:

Qty Required: 96 Botanical Name: Dichondra argentea 'Silver Falls' **Common Name:** Silver Falls Dichondra (Exotic) Tube stock Mature H x S: 0.15m x spreading Qty Required: 9/m2 (3m2 total)

# **OTHER LANDSCAPE ITEMS**

90mm ht hob around hub to engineer's detail

> Free standing timber bench around tree pit- refer typical detail

Permeable paver in deep soil-refer typical detail

KEY PLAN

Permeable paver in deep soil-refer typical

Planting in deep soil to include:

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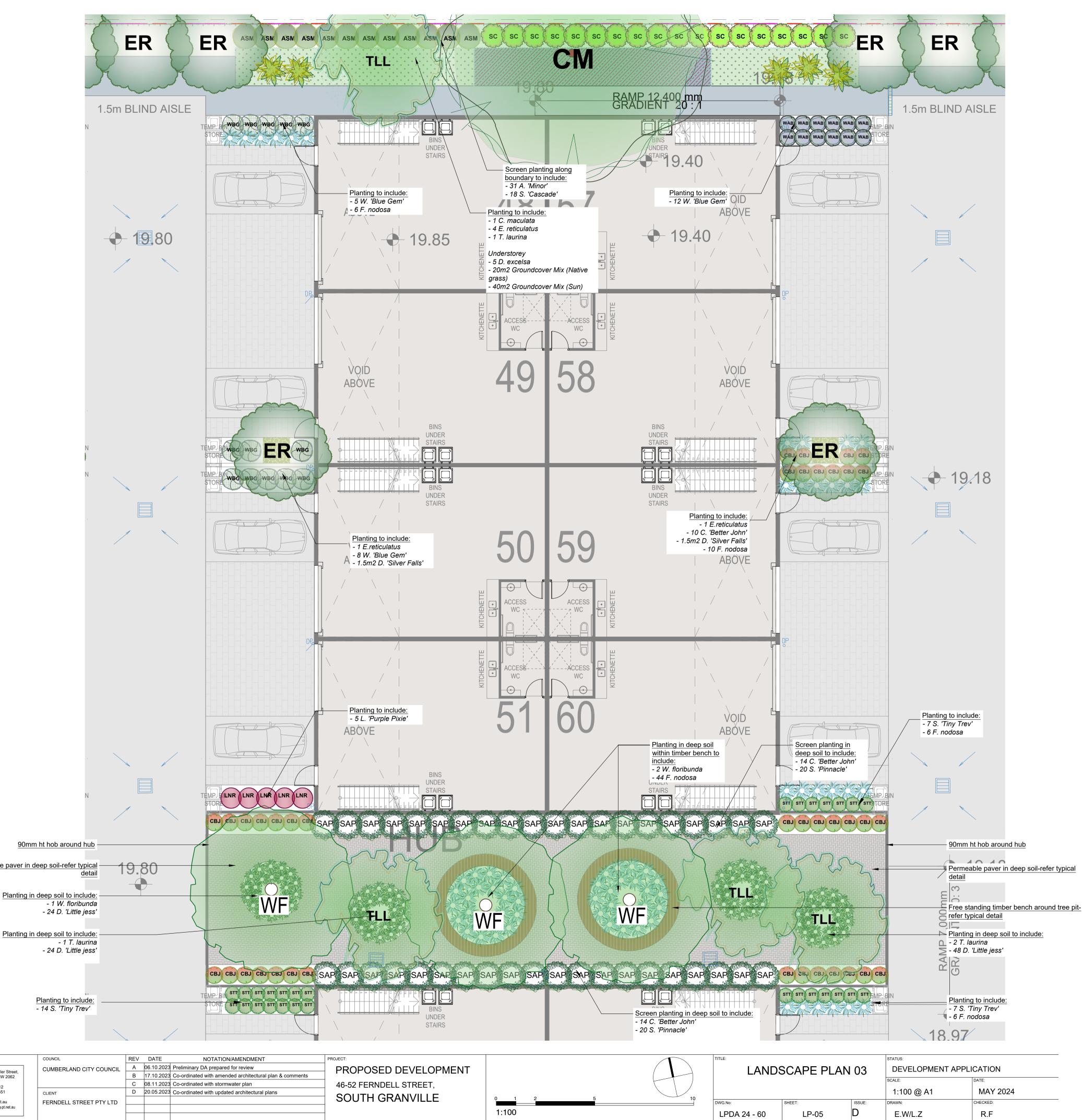
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## CANOPY TREES Botanical Name: Corymbia maculata



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ER

#### **Common Name:** Spotted Gum (Native) 100I t Pot size: Mature H x S: 15-20m x 10m Qty Required: 1

Botanical Name: Tristaniopsis laurina **Common Name:** Watergum (Native) TLL Pot size: 75Lt Mature H x S: 5-8m x 3-5m Qty Required: 5 Botanical Name: Waterhousia floribunda

**Common Name:** Weeping Lilly Pilly (Native) 75Lt Mature H x S: 10m x 6m Qty Required: 3

Botanical Name: Elaeocarpus reticulatus **Common Name:** Blueberry Ash (Native) Pot size: 75Lt Mature H x S: 5-8m x 6-7m Qty Required: 7

# SHRUBS AND HEDGES

Pot size:

DV	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Dodonaea viscosa *</i> Sticky Hop Bush (Exotic) 300mm 3m x 2m 20
STT	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	Syzygium 'Tiny Trev' Dwarf Lilly Pilly (Native) 200mm 1m x 1m 60
CBJ	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Callistemon 'Better John'</i> Better John Bottlebrush (Native) 200mm 1m x 0.9m 34
LNR	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Loropetalum chinense 'Purple Pixie'</i> Purple Pixie (Exotic) 200mm 0.5m x 1.5m 5
SAP	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Syzygium australe 'Pinnacle'</i> Pinnacle Lilly Pilly (Native) 200mm 6-8m x 1-1.5m 40
WBG	Botanical Name: Common Name: Pot size:	<i>Westringia 'Blue Gem'</i> B. Gem Coastal Rosemary (Native) 200mm

# ACCENT PLANTS

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Doryanthes excelsa Gymea Lily (Native) 300mm 1.1m x 1m 3

Qty Required: 23

Mature H x S: 1.5m x 1.3m

# **GROUNDCOVERS AND GRASS**

Botanical Name: Ficinia nodosa Common Name: Knobby Club Rush (Native) Pot size: 150mm Mature H x S: 1.0m x 1.0m Qty Required: 107 Ż Pot size: 150mm Mature H x S: 0.4m x 0.4m Qty Required: 96

Pot size:

Botanical Name: Dianella caerulea 'Little jess' Common Name: Little Jess Flax Lily (Native) Botanical Name: Dichondra argentea 'Silver Falls' **Common Name:** Silver Falls Dichondra (Exotic)

Tube stock Mature H x S: 0.15m x spreading Qty Required: 9/m2 (6m2 total)



**GROUNDCOVER MIX** Groundcover Mix (Sun): Dianella caerulea 'Little jess' Lomandra hystrix 'katie belles' Hardenbergia 'Meema' Hibertia scandens Westringia 'Mundi' Grevillea 'Bronze Rambler' Myoporum parvifolium 'Yareena' Pot size: Tube stock *Mature H x S:* < .5m Qty Required: 5/m2 (20.0m2 total) ER

Groundcover Mix (Native grass): Juncus usitatus \* Dianella revoluta Ficina nodosa \* Lomandra longifolia \* Pennisetum alopecuroides Carex appressa \* Pot size: Tubestock Mature H x S: < 0.6m Qty Required: 6/m2 (30.0m2 total)

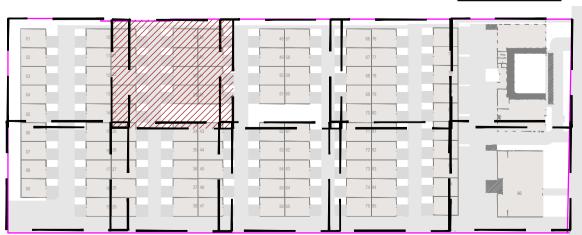
# **OTHER LANDSCAPE ITEMS**

90mm ht hob around hub to engineer's detail Free standing timber bench around

tree pit- refer typical detail

Permeable paver in deep soil-refer typical detail

# **KEY PLAN**



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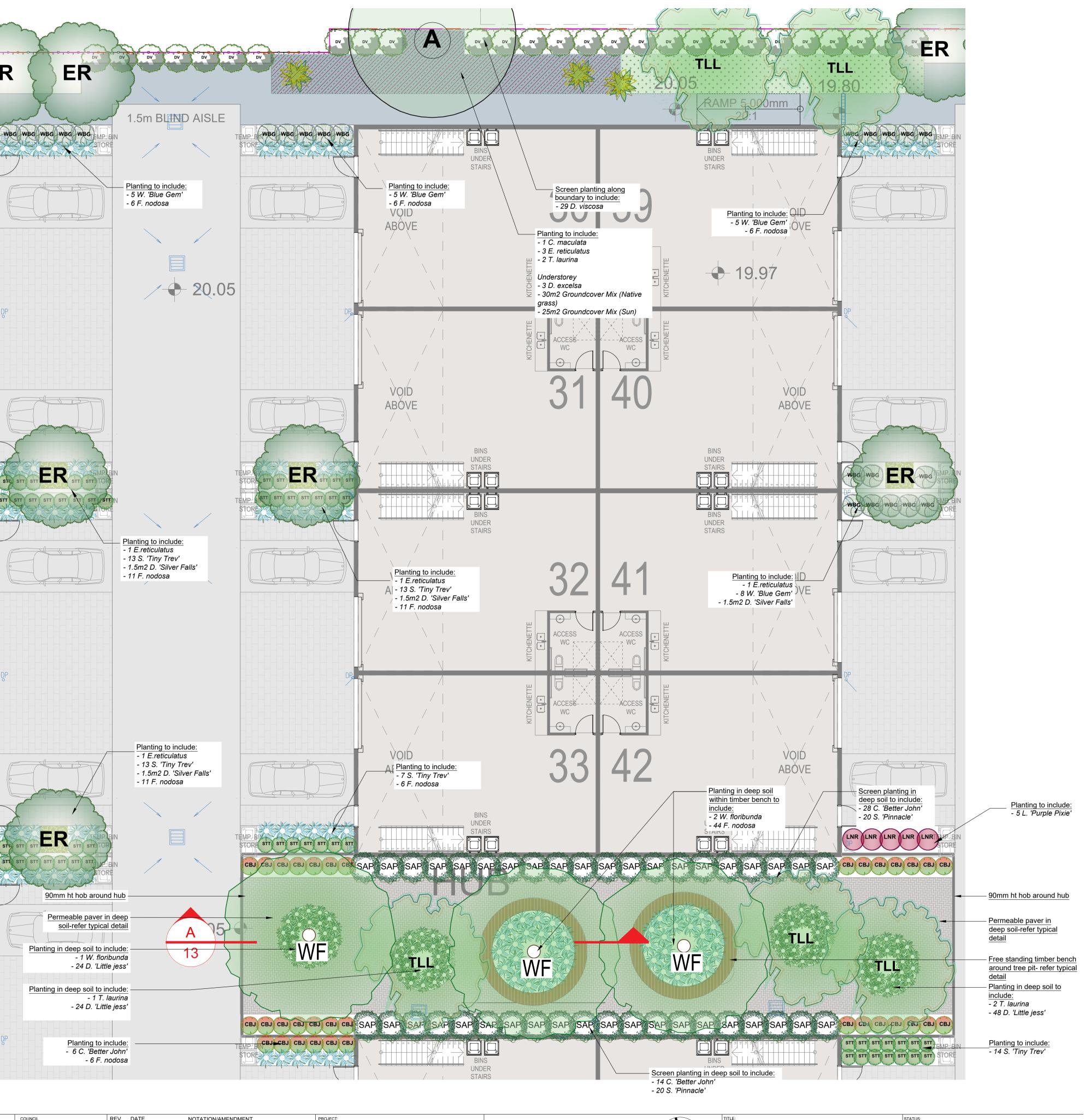
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	REV	DATE	NOTATION/AMENDMENT	PROJECT:					$\overline{\Lambda}$	
O CITY COUNCIL	Α	06.10.2023	Preliminary DA prepared for review	PROPOSED DEVELOPMENT						1
	В	17.10.2023	Co-ordinated with amended architectural plan & comments							-
	С	08.11.2023	Co-ordinated with stormwater plan	46-52 FERNDELL STREET,					T	
	D	20.05.2023	Co-ordinated with updated architectural plans							
REET PTY LTD				SOUTH GRANVILLE	0 1	1	2	5	 	
					1:100	<u> </u>			 	
				1	1.100	,				

TITLE:			STATUS:		
LAND	SCAPE PLA	N 04	DEVELOPMENT APPLICATION		
5			SCALE:	DATE:	
			1:100 @ A1	MAY 2024	
DWG.No:	SHEET:	ISSUE:	DRAWN:	CHECKED:	
LPDA 24 - 60	LP-06	D	E.W/L.Z	R.F	
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# **CANOPY TREES**



TREES

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Botanical Name: Corymbia maculata Pot size:



Botanical Name: Tristaniopsis laurina **Common Name:** Watergum (Native) Pot size: 75Lt Mature H x S: 5-8m x 3-5m Qty Required: 1

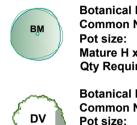
Botanical Name: Elaeocarpus reticulatus **Common Name:** Blueberry Ash (Native) Pot size: 75Lt Mature H x S: 5-8m x 6-7m Qty Required: 10

Botanical Name: Waterhousia 'Sweeper' **Common Name:** Weeping Myrtle (Native) Pot size: 75Lt Mature H x S: 6-8m x 3-4m Qty Required: 3

# SHRUBS AND HEDGES

Pot size:

Pot size:



STT

CBJ

Botanical Name: Backhousia myrtifolia **Common Name:** Grey Myrtle (Native) 200mm Mature H x S: 4-6m x 2-4m Qty Required: 3

Botanical Name: Dodonaea viscosa \* **Common Name:** Sticky Hop Bush (Exotic) Pot size: 200mm Mature H x S: 3m x 2m Qty Required: 19

**Botanical Name:** Syzygium 'Tiny Trev' Common Name: Dwarf Lilly Pilly (Native) 200mm Mature H x S: 1m x 1m Qty Required: 31

Botanical Name: Callistemon 'Better John' Common Name: Better John Bottlebrush (Native) Pot size: 200mm Mature H x S: 1m x 0.9m Qty Required: 26

Botanical Name: Cyathea australis **Common Name:** Rough Tree Fern (Native) Pot size: 45Lt Mature H x S: 2.5-5m x 3m Qty Required: 8

Botanical Name: Acmena smithii 'Minor' **Common Name:** Minor Lilly Pilly (Native) 200mm Mature H x S: 2-3m x 2m Qty Required: 46

# ACCENT PLANTS



Botanical Name: Rhaphis excelsa **Common Name:** Rhaphis Palm (Exotic) 200mm Pot size: Mature H x S: 3m x 1.5m Qty Required: 17

# GROUNDCOVER



Groundcover Mix (Sun): Dianella caerulea 'Little jess' Lomandra hystrix 'katie belles' Hardenbergia 'Meema' Hibertia scandens Westringia 'Mundi' Grevillea 'Bronze Rambler' Myoporum parvifolium 'Yareena' **Pot size:** Tube stock *Mature H x S:* < .5m

*Qty Required:* 5/m2 (80m<sup>2</sup> total)

#### Groundcover Mix (Shade): Adiantum species

Doodia aspera Viola hederacea Dichondra repens

Tube stock Pot size: Mature H x S: 0.25m x 0.75m Qty Required: 5/m2 (95m<sup>2</sup> total)



Juncus usitatus \* Dianella revoluta Ficina nodosa \* Lomandra longifolia Pennisetum alopecuroides \* Carex appressa \* Tubestock Pot size: Mature H x S: < 0.6m Qty Required: 6/m2 (130m<sup>2</sup> total) Botanical Name: Ficinia nodosa Common Name: Knobby Club Rush (Native) Pot size: 150mm Mature H x S: 1.0m x 1.0m Qty Required: 54

Botanical Name: Dichondra argentea 'Silver Falls' **Common Name:** Silver Falls Dichondra (Exotic) Pot size: Tube stock Mature H x S: 0.15m x spreading Qty Required: 9/m2 (6m2 total)





Landscape Arch

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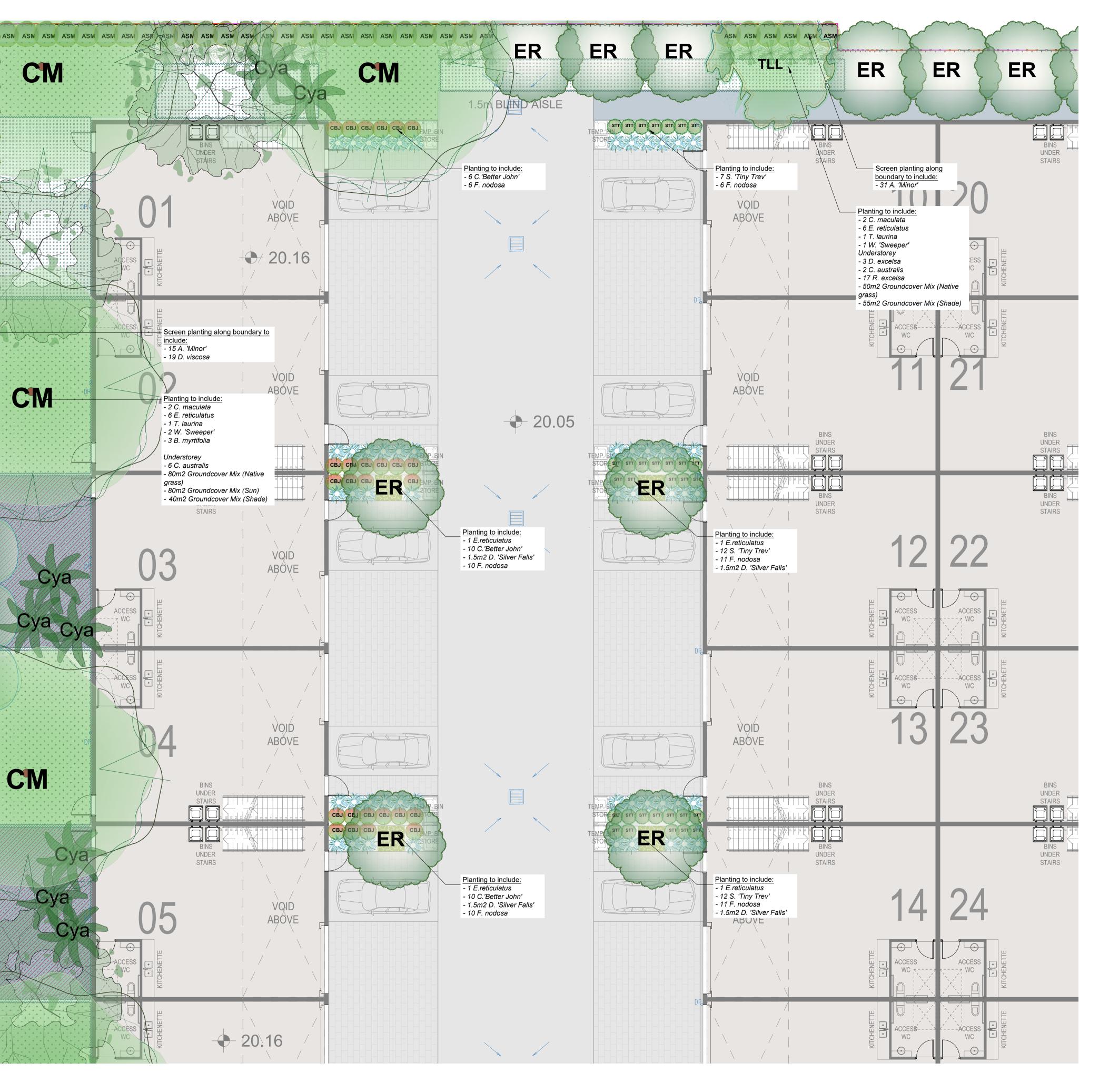
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	D	20.05.2023	Co-ordinated with updated architectural plans	,				$\mathbf{X}$
REET PTY LTD				SOUTH GRANVILLE	0 1	2	5	
					1:100			
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TITLE:			STATUS:		
LAND	SCAPE PLAN	05	DEVELOPMENT APPLICATION		
			SCALE:	DATE:	
			1:100 @ A1	MAY 2024	
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CANOP	Y TREES		ACCENT	PLANTS		C	)P`
AC	Botanical Name:	<i>Angophora costata</i> Sydney Red Gum (Native) 100Lt 15-20m x 7-13m 1	*		<i>Anigozanthos 'Ruby Velvet'</i> Kangaroo Paw cvs (Native) 150mm 0.4m x 0.3m 34		ζ.
TREES					Doryanthes excelsa		
ER	Common Name: Pot size:	<i>Elaeocarpus reticulatus</i> Blueberry Ash (Native) 75Lt		Common Name: Pot size: Mature H x S: Qty Required:	Gymea Lily (Native) 300mm 1.1m x 1m 9		Ye
hand	Mature H x S: Qty Required:	5-8m x 6-7m 1	GROUND	COVER		Ċ	GBF CGBF CGBF CGBF CGBF CG
PC	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Pyrus calleryana</i> Callery Pear (Exotic) 75Lt 10-15m x 6-8m 1		Botanical Name:	Dichondra argentea 'Silver Falls' Silver Falls Dichondra (Exotic) Tube stock 0.15m x spreading 9/m2 (6.0m2 total)	2	SC SC SC SC SC
S BC	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Buckinghamia celsissima</i> Ivory Curl Flower (Native) 75Lt 7m x 3m 3		Botanical Name:			÷ p
CFS	Common Name: Pot size: Mature H x S:	Corymbia ficifolia 'Summer Red' Dwarf Flowering Gum (Native) 75Lt 5m x 3m	GROUND	COVER M Groundcover Mix	IX		7
	Qty Required:	5	+ + + + + + + + + + + + + + + + + + +	Dianella caerulea Lomandra hystrix	'katie belles'		c
SHRUBS				Hardenbergia 'Mee Hibertia scandens Westringia 'Mundi'		×	Ċ
SC	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Syzygium 'Cascade'</i> Cascade Lilly Pilly (Native) 200mm 2.5m x 1.8m 23		Grevillea 'Bronze I Myoporum parvifo Pot size: Mature H x S: Qty Required:	Rambler'		
CGBF	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Callistemon 'Great Balls of Fire'</i> GBOF Bottlebrush (Native) 200mm 1.8m x 1.5m 36		<b>Groundcover Mix</b> Juncus usitatus * Dianella revoluta Ficina nodosa *	(Native grass):	3	
WAB	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Westringia 'Aussie Box'</i> Westringia Aussie Box (Native) 200mm 0.9m x 0.9m 6		Lomandra longifol. Pennisetum alope Carex appressa * Pot size: Mature H x S: Qty Required:			ER
ASM		<i>Acmena smithii 'Minor'</i> Minor Lilly Pilly (Native) 200mm 2-3m x 2m 24				_	Contraction of the second seco

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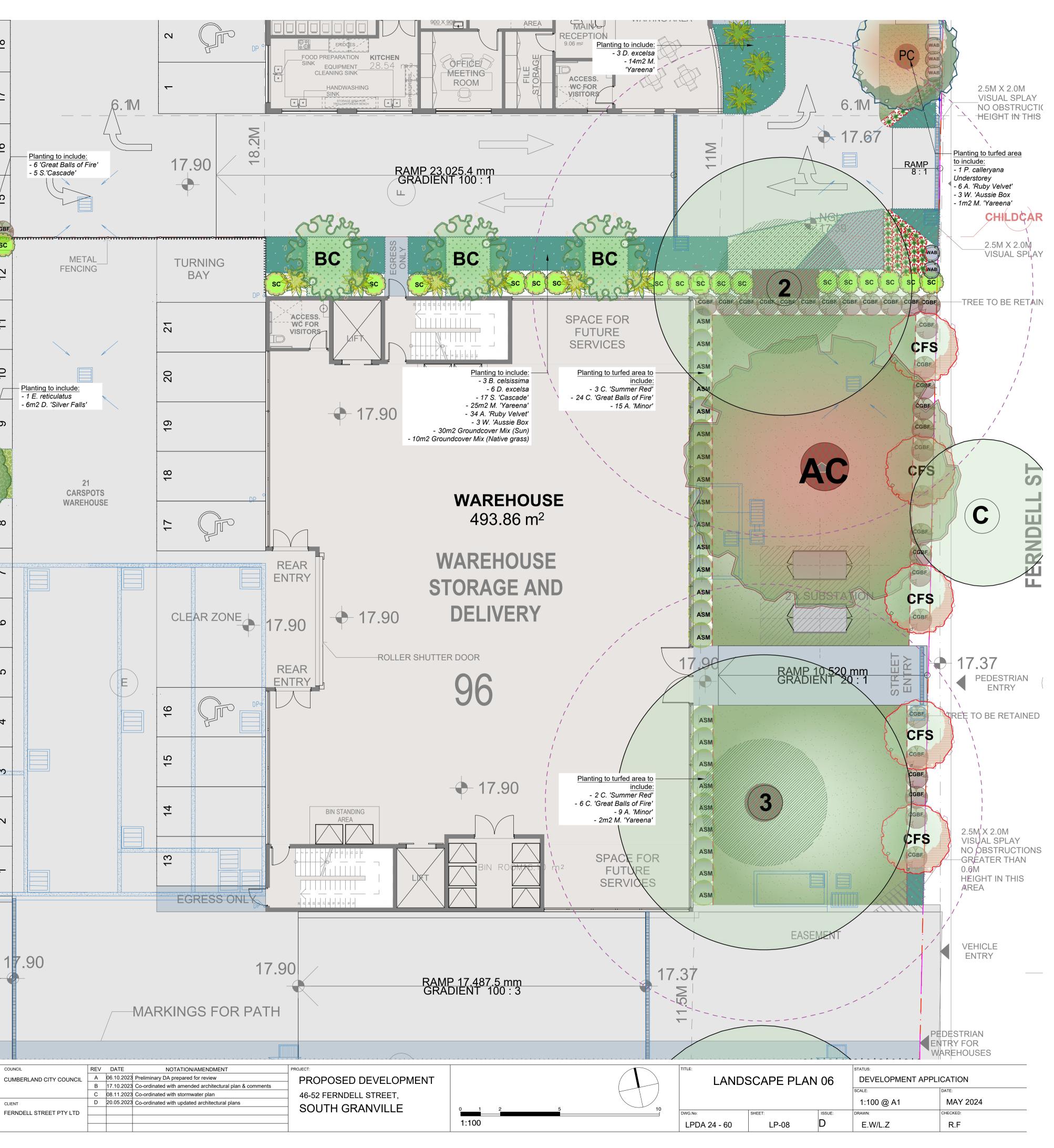
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TREES	
ER	E C F N

Botanical Name: Elaeocarpus reticulatus **Common Name:** Blueberry Ash (Native) Pot size: 75Lt Mature H x S: 5-8m x 6-7m Qty Required: 6

# SHRUBS AND HEDGES

IRUBS AND HEDGES							
СВЈ	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Callistemon 'Better John'</i> Better John Bottlebrush (Native) 200mm 1m x 0.9m 10					
WAB	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	Westringia 'Aussie Box' Westringia Aussie Box (Native) 200mm 0.9m x 0.9m 16					
LNR	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	Loropetalum chinense 'Purple Pixie' Purple Pixie (Exotic) 200mm 0.5m x 1.5m 16					
WBG	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Westringia 'Blue Gem'</i> B. Gem Coastal Rosemary (Native) 200mm 1.5m x 1.3m 25					
sc	Botanical Name: Common Name: Pot size:	<i>Syzygium 'Cascade'</i> Cascade Lilly Pilly (Native) 200mm					

Qty Required:

Pot size:

68

cade' Pilly (Native) 200mm Mature H x S: 2.5m x 1.8m

# GROUNDCOVER

Botanical Name: Dichondra argentea 'Silver Falls' Common Name: Silver Falls Dichondra (Exotic) Tube stock Mature H x S: 0.15m x spreading Qty Required: 9/m2 (9.0m2 total)

Pot size:

Botanical Name: Ficinia nodosa Common Name: Knobby Club Rush (Native) 150mm Mature H x S: 1.0m x 1.0m Qty Required: 36

DRAINAGE PITS AND DRAINAGE LINES SHOULD BE LOCATED WITHIN GARDEN AREAS TO ALLOW FOR SITE DRAINAGE WHILE MINIMISING IMPACT ON THE PROPOSED PLANTING SCHEME. WHERE POSSIBLE, PITS AND LINEWORK SHOULD BE LOCATED AT THE EDGE OF LANDSCAPE STRIPS TO AVOID PRECLUDING PLANTING CENTRALLY IN GARDEN AREAS. WHERE PITS AND LINEWORK OCCUR WITHIN GARDEN BEDS, THE LANDSCAPE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO AVOID DAMAGING STORM WATER WHEN PLANTING SHRUBS AND TREES. LANDSCAPE CONTRACTORS SHALL NOT ALTER THE FORM OF SWALES DESIGNED TO DIRECT OVERLAND FLOW.

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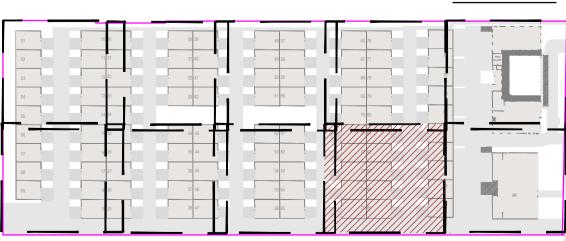
Elements such as drainage swales may be incorporated in garden bed areas (using non-floatable mulch) without compromising the capacity or form.

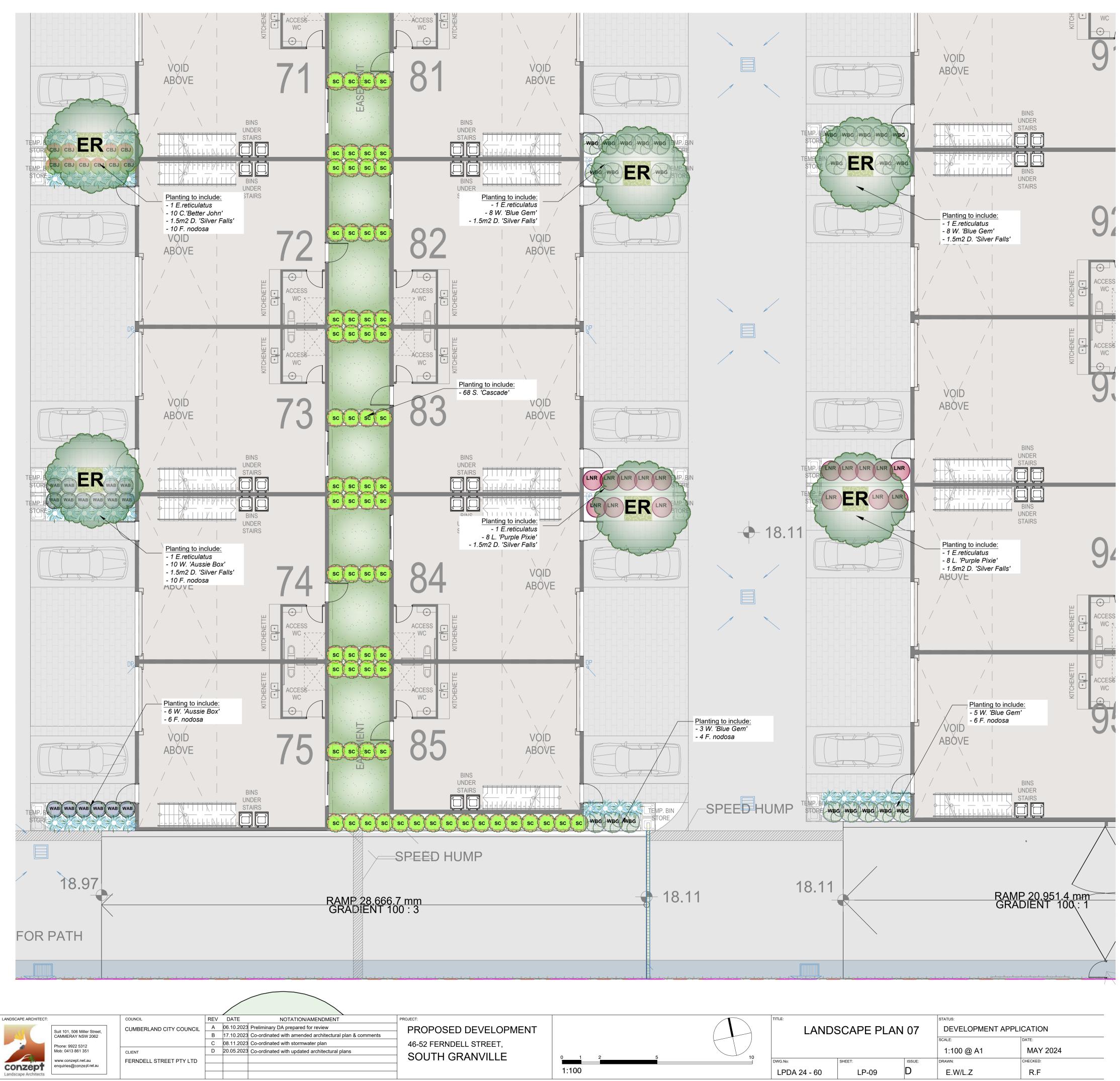
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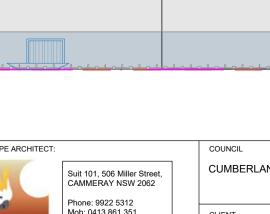
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# KEY PLAN



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TITLE:			STATUS:	
LANDS	SCAPE PLAN	DEVELOPMENT APPLICATION		
			SCALE:	DATE:
		1:100 @ A1	MAY 2024	
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LPDA 24 - 60	LP-09	D	E.W/L.Z	R.F

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TREES		
ER	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	
SHRUBS	AND HED	GES
СВЈ	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Callistemon 'Better John'</i> Better John Bottlebrush (Native) 200mm 1m x 0.9m 10
WAB	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	5
WBG	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	5
STT	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	
GROUND	COVER	
	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	Dichondra argentea 'Silver Falls' Silver Falls Dichondra (Exotic) Tube stock 0.15m x spreading 9/m2 <b>(9.0m2 total)</b>
No.	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Ficinia nodosa</i> Knobby Club Rush (Native) 150mm 1.0m x 1.0m 53

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# KEY PLAN

# -MARKINGS FOR PATH

-SPEED HUMP

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LANDSCAPE ARCH	ITECT:		COUNCIL
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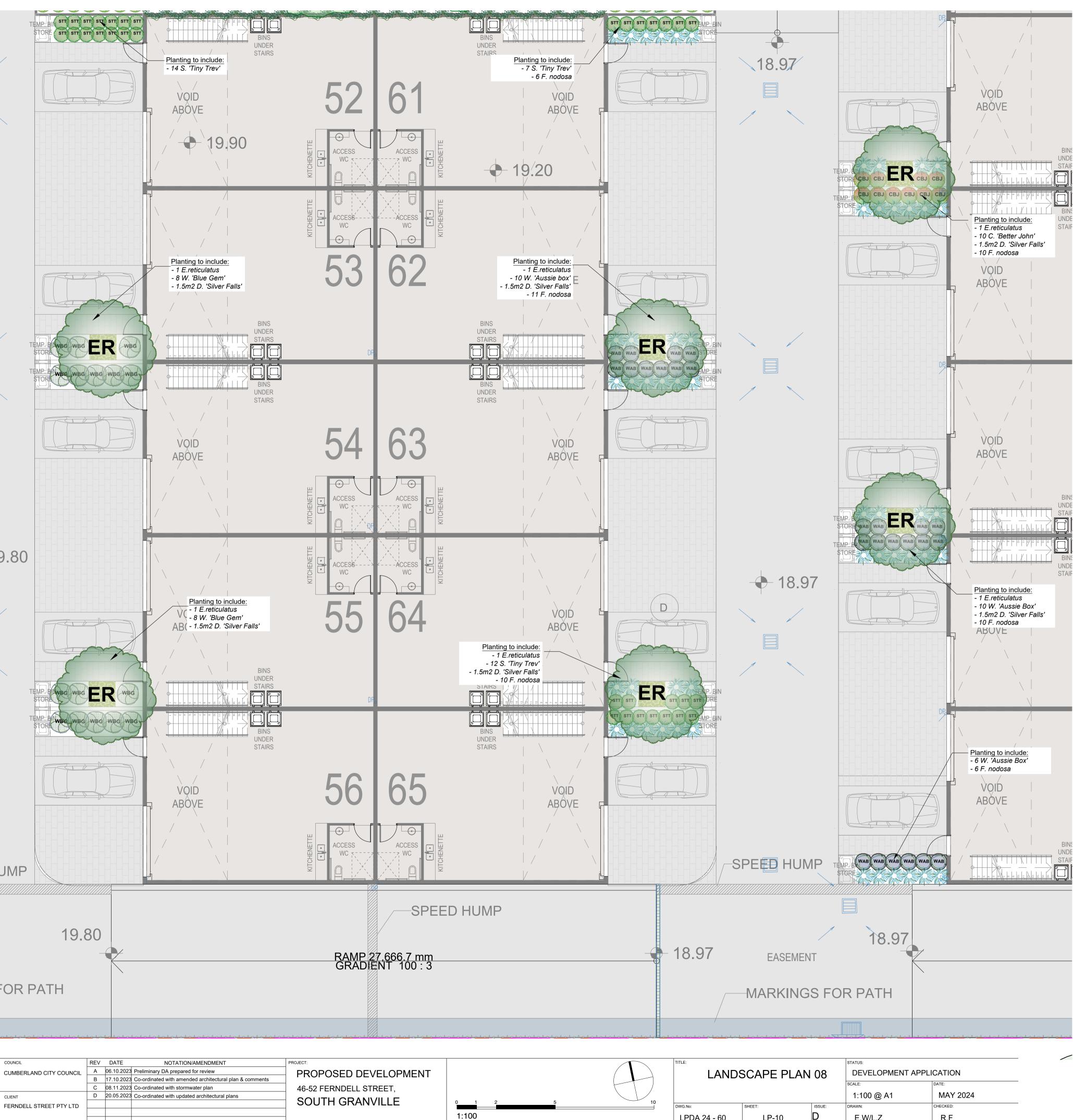


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ARCHITECT:







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LANDSCAPE PLAN 08			DEVELOPMENT APPLICATION		
			SCALE:	DATE:	
			1:100 @ A1	MAY 2024	
DWG.No:	SHEET:	ISSUE:	DRAWN:	CHECKED:	
LPDA 24 - 60	LP-10	D	E.W/L.Z	R.F	

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**Botanical Name:** Elaeocarpus reticulatus **Common Name:** Blueberry Ash (Native) Pot size: 75Lt

Mature H x S: 5-8m x 6-7m

# SHRUBS AND HEDGES

Qty Required:

Qty Required:

	Botanical I
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STT	Pot size:
Contra Contra	Mature H x
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**Botanical Name:** Syzygium 'Tiny Trev' Common Name: Dwarf Lilly Pilly (Native) 200mm Mature H x S: 1m x 1m Qty Required: 24

Botanical Name: Westringia 'Blue Gem' **Common Name:** B. Gem Coastal Rosemary (Native) Pot size: 200mm Mature H x S: 1.5m x 1.3m

37

22

# GROUNDCOVER

	Botanical Name Common Name Pot size: Mature H x S: Qty Required:
No.	Botanical Name Common Name Pot size: Mature H x S: Qty Required:

ame: Dichondra argentea 'Silver Falls' ame: Silver Falls Dichondra (Exotic) Tube stock 0.15m x spreading ed: 9/m2 (9.0m2 total) ame: Ficinia nodosa ame: Knobby Club Rush (Native) 150mm 1.0m x 1.0m

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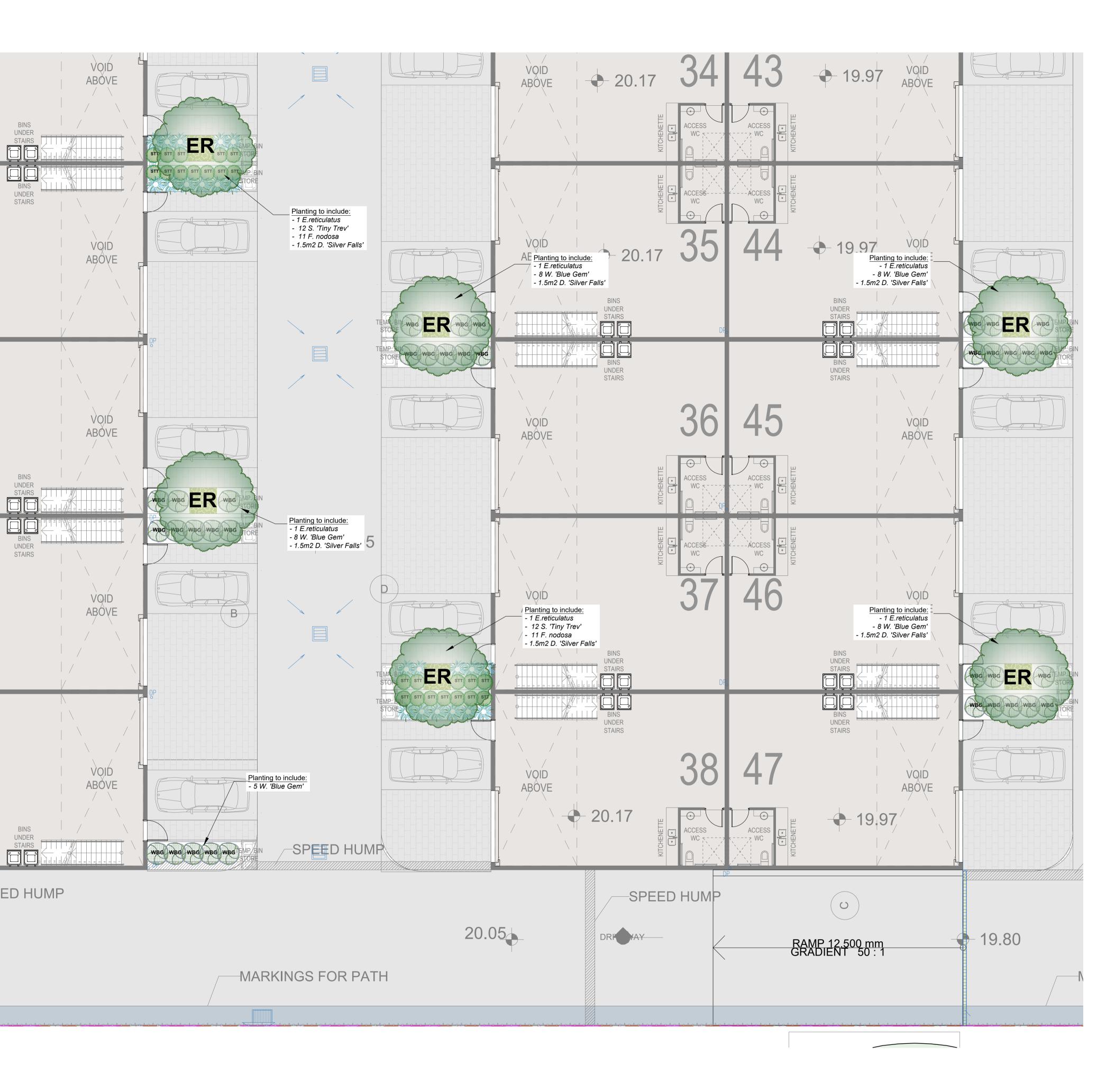
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COUNCIL	REV DATE	NOTATION/AMENDMENT	PROJECT:		TITLE:			STATUS:	
CUMBERLAND CITY COUNCIL	A 06.10.2023	Preliminary DA prepared for review	PROPOSED DEVELOPMENT		ΙΔΝΓ	LANDSCAPE PLAN 09		DEVELOPMENT APPLICATION	
	B 17.10.2023	Co-ordinated with amended architectural plan & comments							
	C 08.11.2023	Co-ordinated with stormwater plan	46-52 FERNDELL STREET,					SCALE:	DATE:
CLIENT	D 20.05.202	Co-ordinated with updated architectural plans						1:100 @ A1	MAY 2024
FERNDELL STREET PTY LTD			SOUTH GRANVILLE		DWG.No:	SHEET:	ISSUE:	DRAWN:	CHECKED:
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CANOP	Y TREES		GROUND	COVER			đ
TREES		<i>Corymbia maculata</i> Spotted Gum (Native) 100Lt 15-20m x 10m 3	+ + + + + + + + + + + + + + + + + + +	Groundcover Mix Dianella caerulea Lomandra hystrix Hardenbergia 'Mea Hibertia scandens Westringia 'Mundi' Grevillea 'Bronze I	'Little jess' 'katie belles' ema'		
Gr		<i>Glochidion ferdinandi</i> Cheese Tree (Native) 75Lt 8-10m x 5-9m 3		<i>Myoporum parvifo</i> <i>Pot size:</i> <i>Mature H x S:</i> <i>Qty Required:</i>	Tube stock < .5m 5/m2 <b>(110m<sup>2</sup> total)</b>		
ER		<i>Elaeocarpus reticulatus</i> Blueberry Ash (Native) 75Lt 5-8m x 6-7m 9		Groundcover Mix Juncus usitatus * Dianella revoluta Ficina nodosa * Lomandra longifol Pennisetum alope Carex appressa *	ia * curoides *		
SHRUBS		GES		Pot size: Mature H x S:	Tubestock < 0.6m		
BM		Backhousia myrtifolia Grey Myrtle (Native) 300mm 4-6m x 2-4m 1			6/m2 <b>(135m<sup>2</sup> total)</b> <i>Dichondra argentea 'Silver Falls'</i> Silver Falls Dichondra (Exotic) Tube stock 0.15m x spreading		
DV		Dodonaea viscosa * Sticky Hop Bush (Exotic) 300mm 3m x 2m 27	No.	Qty Required: Botanical Name: Common Name: Pot size: Mature H x S:	9/m2 <b>(12m2 total)</b> <i>Ficinia nodosa</i> Knobby Club Rush (Native) 150mm 1.0m x 1.0m	Screen planting along —— boundary to include:	
STT		Syzygium 'Tiny Trev' Dwarf Lilly Pilly (Native) 200mm 1m x 1m 48		Qty Required:	70	- 1 B. myrtifolia - 27 D. viscosa - 12 A. 'Minor'	
СВЈ		<i>Callistemon 'Better John'</i> Better John Bottlebrush (Native) 200mm 1m x 0.9m 26				Planting to include: - 3 C. maculata - 1 E. reticulatus - 3 G. ferdinandi	
-		<i>Cyathea australis</i> Rough Tree Fern (Native) 45Lt 2.5-5m x 3m 9				Understorey - 9 C. australis - 135m2 Groundcover Mix (Native grass) - 110m2 Groundcover Mix	
ASM	Common Name: Pot size: Mature H x S:	<i>Acmena smithii 'Minor'</i> Minor Lilly Pilly (Native) 200mm 2-3m x 2m 12				(Sun)	
WBC		<i>Westringia 'Blue Gem'</i> B. Gem Coastal Rosemary (Native) 200mm 1.5m x 1.3m 21					
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KEY	PL	AN

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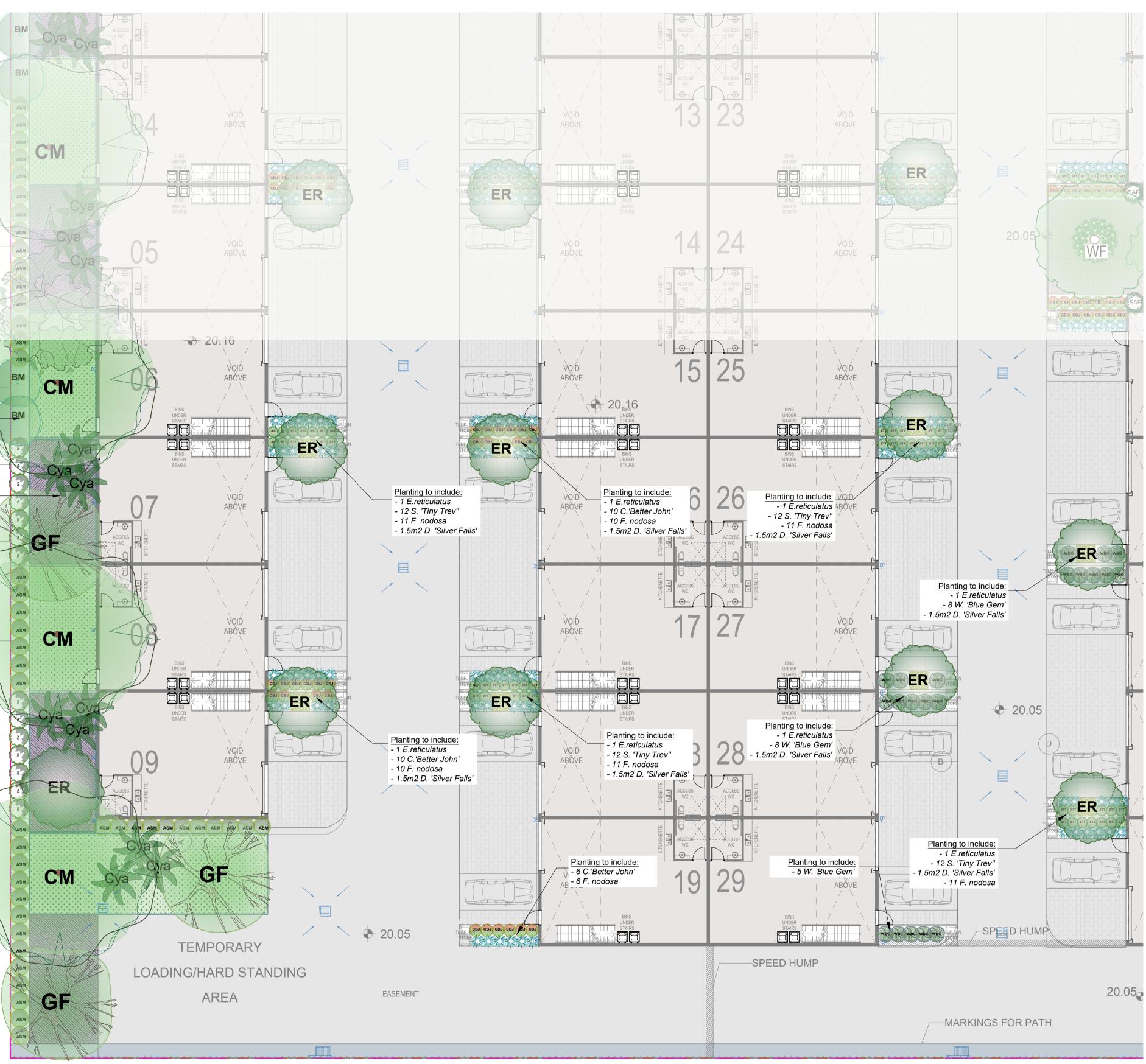


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COUNCIL

Document Set ID: 10904209 Version: 1, Version Date: 27/06/2024



COUNCIL	REV         DATE         NOTATION/AMENDMENT           A         06.10.2023         Preliminary DA prepared for review           B         17.10.2023         Co-ordinated with amended architectural plan & comments	PROPOSED DEVELOPMENT		LANDSCAPE PLAN 10		N 10	DEVELOPMENT AP	PLICATION
CLIENT	C       08.11.2023       Co-ordinated with stormwater plan         D       20.05.2023       Co-ordinated with updated architectural plans	46-52 FERNDELL STREET, SOUTH GRANVILLE					scale: 1:100 @ A1	DATE: MAY 2024
FERNDELL STREET PTY LTD				DWG.No:	SHEET:	ISSUE:	DRAWN:	CHECKED:
		_	1:100	LPDA 24 - 60	LP-12	D	E.W/L.Z	R.F

#### LANDSCAPE WORK SPECIFICATION

#### PRELIMINARIES

#### 1.01 GENERAL

- The following general conditions should be considered prior to the commencement of landscape works The landscape plans should be read in conjunction with the architectural plans, project arborist's assessment hydraulic plans, service plans and survey prepared for the proposed development. All services including existing drainage should be accurately located prior to the commencement of landscape
- installation. Any proposed tree planting which falls close to services will be relocated on site under the instruction of the landscape architect.
- Installation of conduit for required irrigation, electrical and other services shall be completed prior to the commencement of hardscape works and hardstand pours.
- All outdoor lighting specified by architect or client to be installed by gualified electrician Anomalies that occur in these plans should be brought to our immediate attention.
- Where an Australian Standard applies for any landscape material testing or installation technique, that standard shall be followed.

1.02 PROTECTION OF ADJACENT FINISHES

The Contractor shall take all precautions to prevent damage to all or any adjacent finishes by providing adequate protection to these areas / surfaces prior to the commencement of the Works

#### **1.03 PROTECTION OF EXISTING TREES**

Existing trees identified to be retained shall be done in accordance with (AS)4970-Protection of trees on development sites as well as in accordance with the tree protection measures prepared by project arborist.

#### Where general works are occurring around such trees, or pruning is required, a qualified Arborist shall be engaged to

oversee such works and manage tree health. Existing trees designated on the drawing for retention shall be protected at all times during the construction period. Any soil within the drip-line of existing trees shall be excavated and removed by hand only. No stockpiling shall occur within the root zone of existing trees to be retained.

Any roots larger in diameter than 50mm shall only be severed under instruction by a qualified arborist. Roots smaller than 50mm diameter shall be cut cleanly with a saw.

Temporary fencing shall be installed around the base of all trees to be retained prior to the commencement of landscape works. Where possible this fencing will be located around the drip line of these trees, or a minimum of 3m from the trunk. The fencing shall be maintained for the full construction period

#### 1.04 EROSION & POLLUTION CONTROL

The Contractor shall take all proper precautions to prevent the erosion of soil from the subject site. The contractor shall install erosion & sediment control barriers and as required by council, and maintain these barriers throughout the construction period. Note that the sediment control measures adopted should reflect the soil type and erosion characteristics of the site.

Erosion & pollution control measures shall incorporate the following:

#### - Construction of a sediment trap at the vehicle access point to the subject site. - Sediment fencing using a geotextile filter fabric in the location indicated on the erosion control plan or as instructed on

site by the landscape architect. Earth banks to prevent scour of stockpil

- Sandbag kerb sediment traps

- Straw bale & geotextile sediment filter

- Exposed banks shall be pegged with an approved Jute matting in preparation for mass planting

Refer to "Sitewise Reference Kit" as prepared by DLWC & WSROC (1997) for construction techniques SOIL WORKS

#### 2.01 MATERIALS

Specified Soil Conditioner (Generally to improve site soil)

The specified soil conditioner for site top-soil improvement shall be an organic mix, equal to "Botany Humus", as supplied by ANL. Note that for sites where soil testing indicates toxins or extremes in pH, or soils that are extremely poor, allow to excavate and supply 300mm of imported soil mix.

#### New gardens & proposed Planting

New garden and planting areas shall consist of a 50/50 mix of clean site soil (refer d) below) and imported "Organic Garden Mix" as supplied by ANL or approved equal. All mixes are to comply with AS 4419 Soils for landscaping & garden use, & AS 4454 Composts, Soil conditioners & mulches.

#### Specified Soil Mix - Turf

The specified soil mix for all turf areas shall be a min 75mm layer of imported soil mix consisting of 80% washed river sand (reasonably coarse), and 20% composted organic matter equivalent to mushroom compost or soil conditioner, or other approved lawn top dress.

#### Site Topsoil

Site topsoil is to be clean and free of unwanted matter such as gravel, clay lumps, grass, weeds, tree roots, sticks, rubbish and plastics, and any deleterious materials and materials toxic to plants. The topsoil must have a pH of between 5.5 and 7. Use 100% imported soil mix when site when site topsoil runs out.

#### 2.02 INSTALLATION (TO GARDEN OUTSIDE OF TREE PROTECTION ZONES OF TREES RECOMMENDED TO BY RETAINED)

Note: No level changes (Cut or Fill), soil ripping within the Tree Protection Zones of trees to be retained

All testing is to be conducted in accordance with AS 1289 Methods for testing soils for engineering purposes. Site soil shall be given a pH test prior to modifying to ensure conditions are appropriate for planting as stated above. Tests shall be taken in several areas where planting is proposed, and the pH shall be adjusted accordingly with sulphur or lime to

Note that a soil test conducted by the "Sydney Soil Lab" or approved equal shall be prepared for all commercial, industrial and multi-unit residential sites. The successful landscape contractor shall implement the recommendations of this test.

#### b) Set Out of Individual Trees & Mass Planting Areas

All individual tree planting positions and areas designated for mass planting shall be set out with stakes or another form of marking, ready for inspection and approval. Locate all services

c) Establishing Subgrade Levels outside of tree protection zones of trees to be retained Subgrade levels are defined as the finished base levels prior to the placement of the specified material (i.e. soil

conditioner). The following subgrade levels shall apply:

Mass Planting Beds - 300mm below existing levels with specified imported soil mix. Turf areas - 100mm below finished surface level.

Note that all subgrades shall consist of a relatively free draining natural material, consisting of site topsoil placed previously by the Civil Contractor. No builders waste material shall be acceptable.

#### d) Subgrade Cultivation

Cultivate all subgrades to a minimum depth of 100mm in all planting beds and all turf areas, ensuring a thorough breakup of the subgrade into a reasonably coarse tilth. Grade subgrades to provide falls to surface and subsurface drains, prior to the placement of the final specified soil mix.

#### e) Drainage Works

Install surface and subsurface drainage where required and as detailed on the drawing. Drain subsurface drains to outlets provided, with a minimum fall of 1:100 to outlets and / or service pits.

#### f) Placement and Preparation of Specified Soil Conditioner & Mixes

Trees in turf & beds - Holes shall be twice as wide as root ball and minimum 100mm deeper - backfill hole with 50/50 mix of clean site soil and imported "Organic Garden Mix" as supplied by ANL or approved equal. Mass Planting Beds - Install specified soil conditioner to a compacted depth of 100mm

Place the specified soil conditioner to the required compacted depth and use a rotary hoe to thoroughly mix the conditioner into the top 300mm of garden bed soil. Ensure thorough mixing and the preparation of a reasonably fine tilth and good growing medium in preparation for planting.

#### • Turf Areas - Install specified soil mix to a minimum compacted depth of 75mm. Place the specified soil mix to the required compacted depth and grade to required finished soil levels, in preparation for planting and turfing.

PLANTING

#### 3.01 MATERIALS

a) Quality and Size of Plant Materia All trees supplied above a 25L container size must be grown and planted in accordance with AS 2303:2018 'TREE STOCK FOR LANDSCAPE USE' Certification that trees have been grown to AS 2303:2018 is to be provided upon

#### request of Council's Tree Management Officer

Above - Ground Assessment: The following plant quality assessment criteria should be followed:

Plant true to type, Good vigour and health, free from pest & disease, free from injury, self-supporting, good stem taper, has been pruned correctly, is apically dominant, has even crown symmetry, free from included bark & stem junctions,

#### even trunk position in pot, good stem structure

Below - Ground Assessment: Good root division & direction, rootball occupancy, rootball depth, height of crown, non-suckering For further explanation and description of these assessment criteria, refer to Ross Clark's book.

All Plant material shall be to the type and size specified. No substitutions of plant material shall be permitted without written prior approval by the Landscape Architect. No plant shall be accepted which does not conform to the standards listed above.

#### b) Stakes and Ties

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Provide min. 3 No. Stakes and ties to all plants identified as trees in the plant schedule. Stakes shall be sound, unpainted straight hardwood, free of knots and pointed at one end. They shall be 1800mm x 50mm x 50mm Hardwood timber, or as per council specification where is available. Ties shall be 50mm wide hessian webbing material.

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c) Fertiliser

#### Fertilisers shall be approved slow release fertilisers suitable for the proposed planting types. Note that for native plants, specifically Proteaceae family plants including Grevillea species, low phosphorus fertilizers shall be used. d) Mulch

Mulch for general planter bed shall be an approved equal to "Re-Cover" as supplied by ANL. Mulch shall be completely free from any soil, weeds, rubbish or other debris. Mulch for bio-retention/rain garden area where is required shall be non-floatable materials that could include crushed rock, gravel, coarse river sand, scoria or river pebbles. 4-7mm screenings or similar.

Turf for project site shall be soft leaf Buffalo or Zoysia macrantha 'Nana' or equivalent unless stated otherwise), free from any weeds and other grasses, and be in a healthy growing condition. Re-turfing to nature strip where is required shall use species that match existing on street.

# 3.02 INSTALLATION

a) Setting Out All planting set out shall be in strict accordance with the drawings, or as directed. Note that proposed tree planting located near services should be adjusted at this stage. Notify Landscape Architect for inspection for approval prior to

#### planting b) Planting

All plant material shall be planted as soon after delivery as possible. Planting holes for trees shall be excavated as detailed and specified. Plant containers shall be removed and discarded, and the outer roots gently teased from the soil mass. Immediately set plant in hole and backfill with specified soil mix, incorporating the approved quantity of fertiliser for each plant type. Ensure that plants are set plumb vertically and root balls set to the consolidated finished grades detailed on the drawings. Compact the backfilled soil and saturate by hand watering to expel any remaining air pockets immediately after planting.

c) Staking and Tying

Staking and tying shall be in strict accordance with the drawings and shall occur immediately following plant placement and soil backfilling. All plants identified as "Trees" on the planting schedule shall be staked with a min. 3 stakes. d) Mulching

Mulch for general planter bed shall be an approved equal to "Re-Cover" as supplied by ANL. Mulch shall be completely free from any soil, weeds, rubbish or other debris. Mulch for bio-retention/rain garden area where is required shall be non-floatable materials that could include crushed rock, gravel, scoria or river pebbles. 4-7mm screenings or similar.

#### e) Turfing

Moisten soil prior to the turf being laid. Turf shall be neatly butt jointed and true to grade to finish flush with adjacent surfaces. Incorporate a lawn fertilizer and thoroughly water in. Keep turf moist until roots have taken and sods/rolls cannot be lifted. Keep all traffic off turf until this has occurred. Allow for top dressing of all turf areas. All turf shall be rolled immediately following installation.

# f) STEEL EDGING

Where is required, the Contractor shall install steel edging as detailed on the drawings, to all mass planting beds adjoining turf or gravel mulched areas, and where required. The resultant edge shall be true to line and flush with adjacent surfaces. However, no edging shall be used within the Structural Root Zone (SRZ) of trees to be retained.

#### g) Earth retaining structure All walls which form part of drainage works must be built as detailed by the hydraulic engineer. All walls exceeding

800mm shall be of not timber construction materials, construction details to be provided by a qualified engineer. Install wall to suit site levels and to manufacture's specification

#### HARDSCAPE WORKS

4.01 GENERAI

The Contractor shall undertake the installation of all hardscape works as detailed on the drawing, or where not detailed. by manufacturers specification. Paving - refer to typical details provided, and applicable Australian Standards. Permeable paving may be used as a suitable means of satisfying Council permeable surface requirements, while providing a useable,

hardwearing, practical surface. In most instances, the client shall nominate the appropriate paving material to

be used. Australian Standards shall be adhered to in relation to all concrete, masonry & metal work. Some details are typical and may vary on site. All hardscape works shall be setout as per the drawings, and inspected and approved by the Landscape Architect prior to installation. All workmanship shall be of the highest standard. Any queries or problems that arise from hardscape variations should be bought to the attention of the Landscape Architect. Your attention is directed to any obligations or responsibilities under the Dividing Fences Act, 1991 in respect of adjoining property owner/s which may arise from this application. Any enquiries in this regard may be made to the Crown Lands Division on (02) 8836 5332.

#### **IRRIGATION WORKS**

5.01 GENERAL (PERFORMANCE SPECIFICATION)

New irrigation systems to planting areas shall be a Commercial Grade Irrigation System conforming to all relevant Australian standards, including AS 3500 & the Electrical Safety Act 2002, Workplace Health & Safety Act 1995, & the latest Sydney Water Code

An automated drip-irrigation system is to be installed to all gardens, planters and lawn areas in accordance with the approved Irrigation Design.

This system shall be designed and installed by a qualified and licensed irrigation specialist, to the highest industry standards and to maximise the efficient usage of water. The Installer is required to obtain all approvals necessary for the completion of works in accordance with the Laws of Australia, Laws of the State of NSW, CUMBERLAND CITY Council By-Laws and Ordinances.

The Landscape Contractor nominated Licensed Irrigation Specialist shall provide irrigation drawings for approval upon engagement

#### Design Requirements

Services Co-ordination:

Testing & Defects:

exceed 300Kpa.

Warranty

6.01 GENERAI

immediately rectified

**Further Documentation** 

CONSOLIDATION AND MAINTENANCE

power provision and water supply.

over a determined length of time.

- The irrigation system shall be installed prior to all planting works. It shall incorporate a commercially available irrigation system, with sub-surface dripper lines to irrigate all gardens, planters and lawn areas. - It shall incorporate a suitable back flow prevention device for the scale of works, an in-line filter, check valves, and suitable high and low density poly hose fittings and PVC piping to achieve flow rates suitable for specified planting. - The irrigation application rate shall not exceed the infiltration rate of the soil or creates run-off.

- The landscape contractor shall check the existing pressure available from the ring mains and size irrigation piping to suit. Supply shall be from local hose cock where available. - All piping and fittings shall be buried 50mm below the finished soil levels in garden and lawn areas, and secured in position at 500mm centres with galv wire pins.

- Size of pipes shall be selected to ensure the working pressure at the end of the line does not decrease by more than

- The Landscape Contractor shall be engaged with the Irrigation Specialist to co-ordinate with the Project Manager to

- Project Manager and Landscape Contractor to establish area suitable for irrigation control system with required area,

- Main Line Pressure Test: The main line is pressurised to test for leaks. All valves are shut and the pressure is taken

the manufacturer recommendations. The inlet pressure is then tested under the same conditions to check it does not

capacity or efficiency of the system decline during the agreed maintenance system, then these faults shall be

- Dripper Pressure Test: Measurement at flushing valves are taken and the pressure gauged to make sure it conforms to

- All components are to be satisfactorily functional and operational prior to approval. Should any defect develop, or the

The consolidation and maintenance period shall be 12 months beginning from the approved completion of the specified construction work (Practical Completion). A qualified landscape maintenance contractor shall undertake the required

works by accepted landscaping or horticultural practices, ensuring that all plants are in optimum growing conditions and

landscape maintenance works. Consolidation and maintenance shall mean the care and maintenance of Contracted

On the completion of the maintenance period, the landscape works shall be inspected and at the satisfaction of the

LANDSCAPE ARCHITECT

conzept

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nquiries@conzept.net.au

AMMERAY NSW 2062

appearance at all times, as well as rectifying any defects that become apparent in the contracted works.

- Co-ordination required by Landscape Contractor or Project Manager to provide required conduit, pipe work and

penetration through slabs and planter walls for water and power provisions

Upon completion of installation, the system shall be tested, including:

- A full 12 month warranty shall be included to cover labour and all parts.

- On request, a detailed irrigation performance specification report can be issued.

This shall include, but not be limited to, the following items where and as required:

• Mowing lawns & trimming edges each 14 days in summer or 18 days in winter

superintendent or landscape architect, the responsibility will be signed over to the client.

• Watering all planting and lawn areas / irrigation maintenance.

• Maintenance of all paving, retaining and hardscape elements.

Removing weeds, pruning and general plant maintenance

Clearing litter and other debris from landscaped areas.

• Replacement of damaged, stolen or unhealthy plants.

Make good areas of soil subsidence or erosion

Spray / treatment for Insect and disease control.

GHAZI AL ALI ARCHITECT

Fertilizing with approved fertilizers at correct rates.

• Topping up of mulched areas.

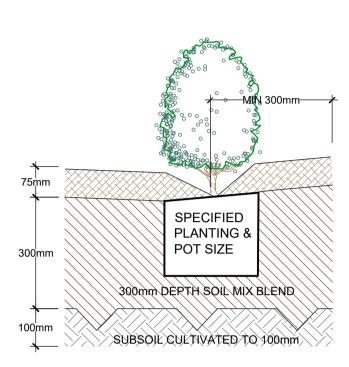
· Adjusting ties to Stakes

ARCHITECT:

identify the preferred service and conduit locations

-STAGGERED PLANTING TO SPECIFIED DENSITIES AS SHOWN PLANTS AS PER SCHEDULE

# MASS PLANTING SETOUT N.T.S



TYPICAL SETBACK FROM LAWN/GARDEN EDGE

75mm DEPTH "Re-Cover" MULCH OR EQUIVALENT

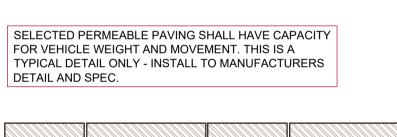
# SOIL MIX:

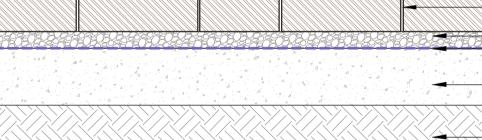
50% OF STOCKPILED SITE TOPSOIL FREE FROM ALL BUILDER'S RUBBISH AND DELETERIOUS MATERIALS. TOPSOIL TO BE AMELIORATED, MIXED WITH MINIMUM 50% IMPORTED GARDEN MIX OR SOIL CONDITIONER/ COMPOSTED ORGANIC MATTER - SEE SPEC. USE 100% IMPORTED SOIL MIX WHEN SITE TOPSOIL RUNS OUT.

# **TYPICAL GARDEN PREPARATION DETAIL**

SCALE 1:10

(ONLY APPLICABLE FOR PLANTING AREA OUTSIDE TREE PROTECTION ZONE OF TREES TO BE RETAINED. NO CHANGES ARE TO OCCUR TO EXISTING LEVELS, INCLUDING RIPPING/CULTIVATING OF THE SOIL WITHIN THE TPZ OF TREES TO BE RETAINED ON SITE)

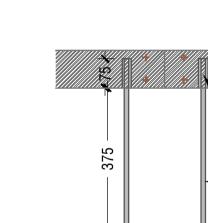




HydroSTON 80 PAVERS 4MM JOINTS FILLED WITH 1-3MM BASAI T -BEDDING COURSE 2-5MM UNWOVEN GEO-FABRIC -BASE COURSE 5-20MM

CRUSHED AGGREGATE (NO FINES) - COMPACTED SUB-GRADE



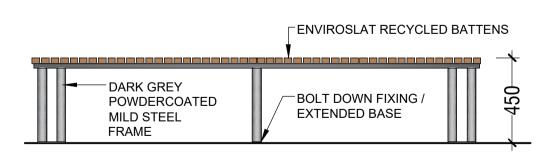


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PLAN SCALE: 1:10

# PERMEABLE PAVING DETAIL

SCALE 1:15



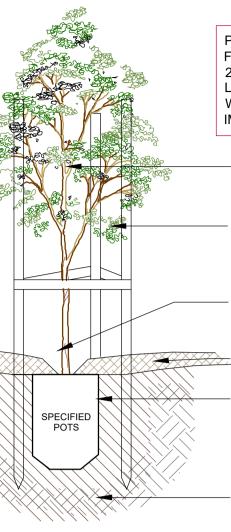
NOTE: DRAWING IS INDICATIVE ONLY. PRODUCT BY COMMERCIAL SYSTEMS AUSTRALIA. REFER MANUFACTURER'S SPECIFICATIONS & INSTRUCTIONS FOR INSTALLATION

# CURVED BENCH TYPICAL DETAIL

SCALE 1:20



	COUNCIL	REV	DATE	NOTATION/AMENDMENT	PROJECT:
	CUMBERLAND CITY COUNCIL	Α	06.10.2023	Preliminary DA prepared for review	PROPOSED DEVELOPMENT
		В	17.10.2023	Co-ordinated with amended architectural plan & comments	
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	CLIENT	D	20.05.2023	Co-ordinated with updated architectural plans	
	FERNDELL STREET PTY LTD				SOUTH GRANVILLE
1		<u> </u>	-		1



PLANT STOCK SHALL BE SOURCED FROM GROWERS CONFORMING TO AS 2303:2018 'TREE STOCK FOR LANDSCAPE USE' THOROUGHLY WATER IN ALL NEWLY PLANTED STOCK IMMEDIATELY AFTER PLANTING.

QUALITY OF PLANT TO BE APPROVED BY PROJECT MANAGER OR LANDSCAPE ARCHITECT

PROVIDE 3 HARDWOOD STAKES 1.8m X 50mm X 50mm FOR ALL TREES. USE 50mm HESSIAN TIES TO SECURE LOWER TRUNK TO STAKES

PROVIDE SLIGHT DEPRESSION TO ALLOW FOR EFFECTIVE WATERING

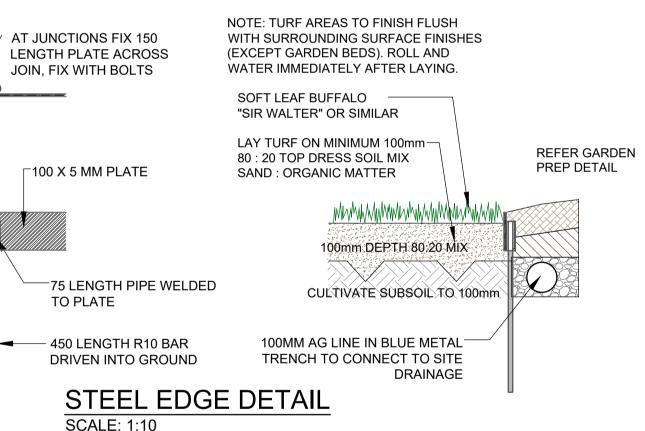
75mm 'Re-Cover' MULCH OR EQUAL

BACKFILL HOLE WITH CLEAN. **TESTED SITE TOP-SOIL BLEND OR** IMPORTED SOIL MIX APPROVED BY LANDSCAPE ARCHITECT

CULTIVATE/ RIP SUBGRADE

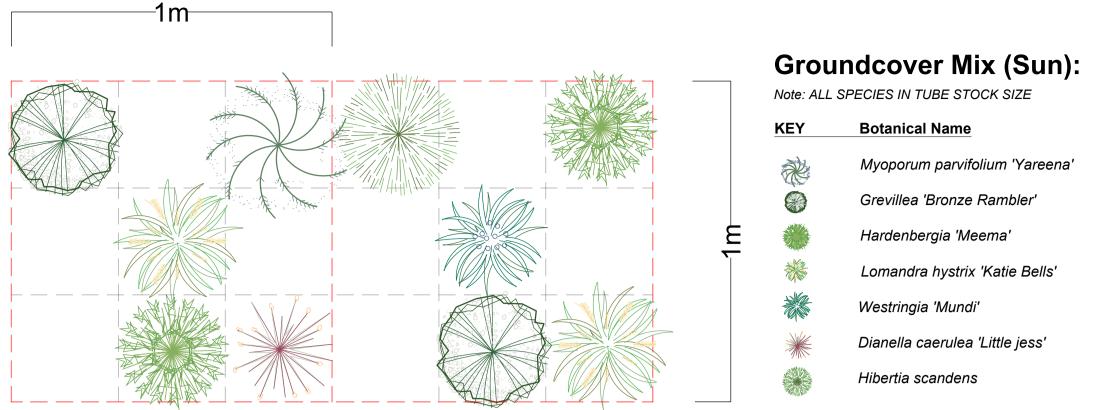
# TREE PLANTING DETAIL SCALE: 1:20

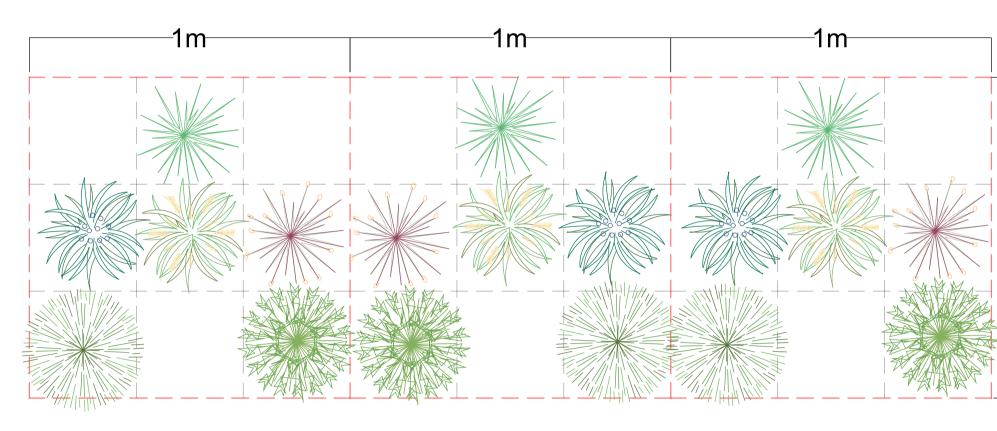
(ONLY APPLICABLE FOR PLANTING AREA OUTSIDE TREE PROTECTION ZONE OF TREES TO BE RETAINED. NO CHANGES ARE TO OCCUR TO EXISTING LEVELS, INCLUDING RIPPING/CULTIVATING OF THE SOIL WITHIN THE TPZ OF TREES TO BE RETAINED ON SITE)





	ATION & DI	ETAILS	DEVELOPMENT APPLICATION		
			SCALE: AS SHOWN @ A1	DATE: MAY 2024	
DWG.No:	SHEET:	ISSUE:	DRAWN:	CHECKED:	
LPDA 24 - 60	LP-13	D	E.W/L.Z	R.F	



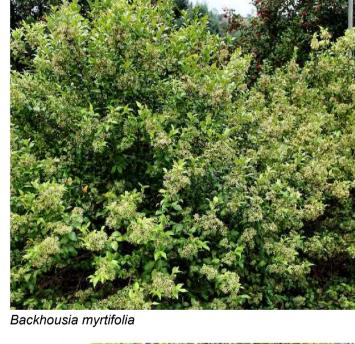


GROUNDCOVER MIX PLANTING MATRIX SCALE N.T.S













Tristaniopsis laurina 'Luscious'

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Elaeocarpus reticulatus

GHAZI AL ALI ARCHITECT

ARCHITECT:



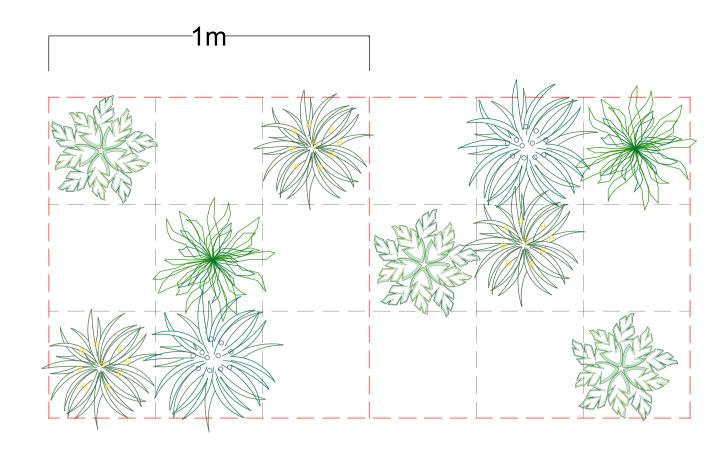
Suit 101, 506 Miller Street, CAMMERAY NSW 2062 Phone: 9922 5312 Mob: 0413 861 351 www.conzept.net.au enquiries@conzept.net.au

COUNCIL

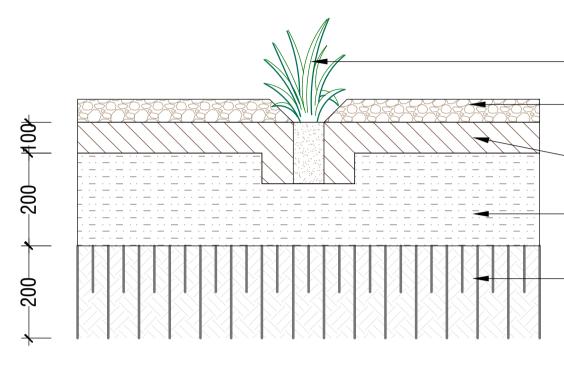
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GENERAL NOTE:

Myoporum parvifolium 'Yareena'







# TUBE STOCK PLANTING DETAIL SCALE 1:10



Syzygium 'Tiny Trev'



Syzygium 'Cascade'



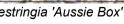


Cyathea australis



Doryanthes excelsa







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REET PTY LTD				SC

ROPOSED DEVELOPMENT 6-52 FERNDELL STREET, SOUTH GRANVILLE

Westringia 'Aussie Box'

# Groundcover Mix (Shade):

Note: ALL SPECIES IN TUBE STOCK SIZE

KEY	Botanical Name
	Adiantum species
	Viola hederacea
*	Doodia aspera
	Dichondra repens

- TUBE STOCK - SPOT PLANTED

– 75MM DEPTH ORGANIC MULCH WITH 100MM DIA DEPRESSION AROUND PLANT - 100MM TOPSOIL FROM STOCKPILED TOPSOIL -BACKFILL HOLE WITH TOPSOIL - 200MM SUBSOIL FROM STOCKPILED SUBSOIL

— DEEP RIP SURFACE TO 200MM DEPTH



Dichondra argentea 'Silver Falls'

Rhaphis excelsa

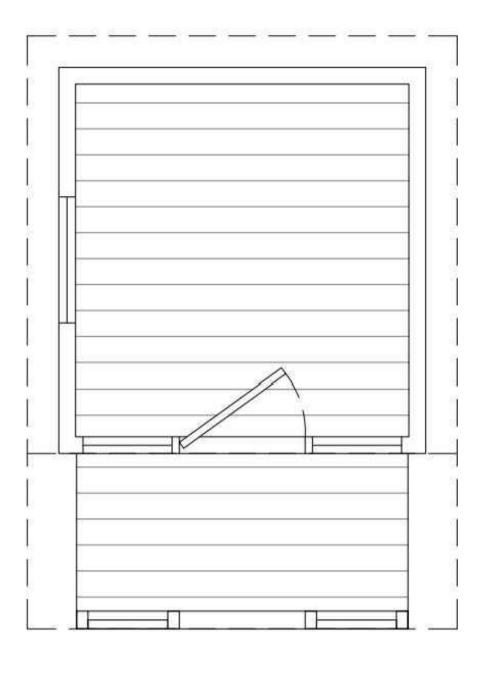


Dianella 'Little Jess'



Lomandra hystrix 'Katie Bells'

TITLE:			STATUS:		
DETAI	LS		DEVELOPMENT APPLICATION		
			SCALE:	DATE:	
			AS SHOWN @ A1	MAY 2024	
DWG.No:	SHEET:	ISSUE:	DRAWN:	CHECKED:	
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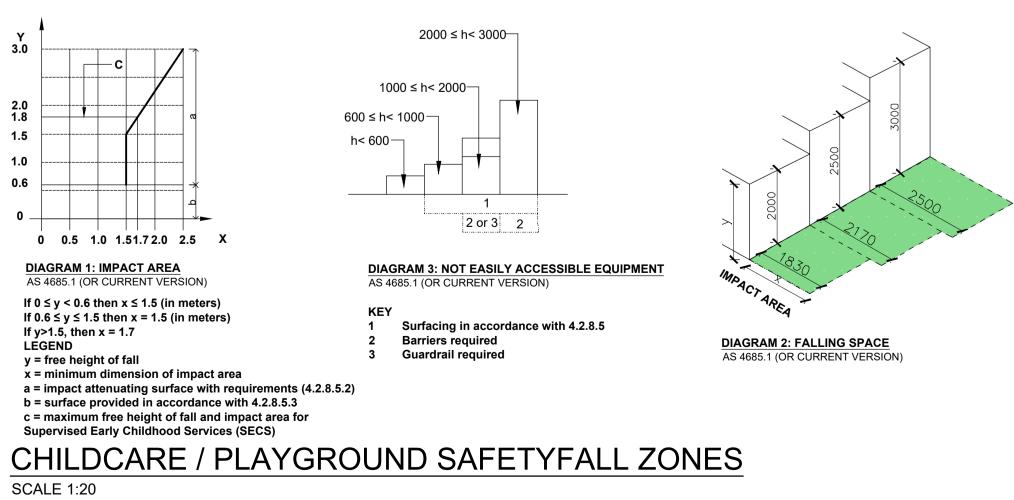




# CLASSIC CUBBY **ELEVATION OPTIONS 450mm, 900mm** &1200mm

TYPICAL CUBBY HOUSE (AARON CLASSIC) **REFER TO MANUFACTURER'S SPEC.** 





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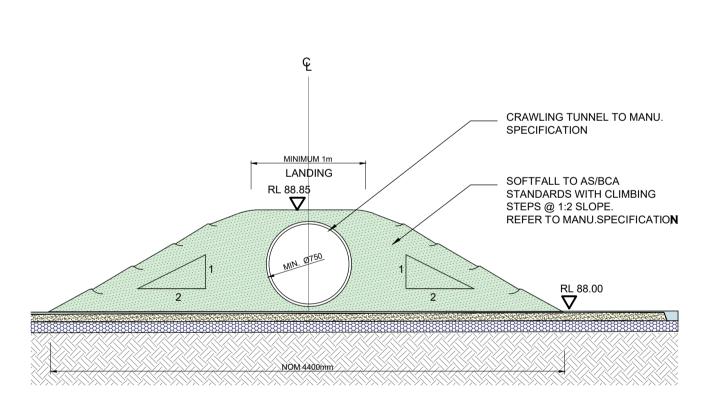
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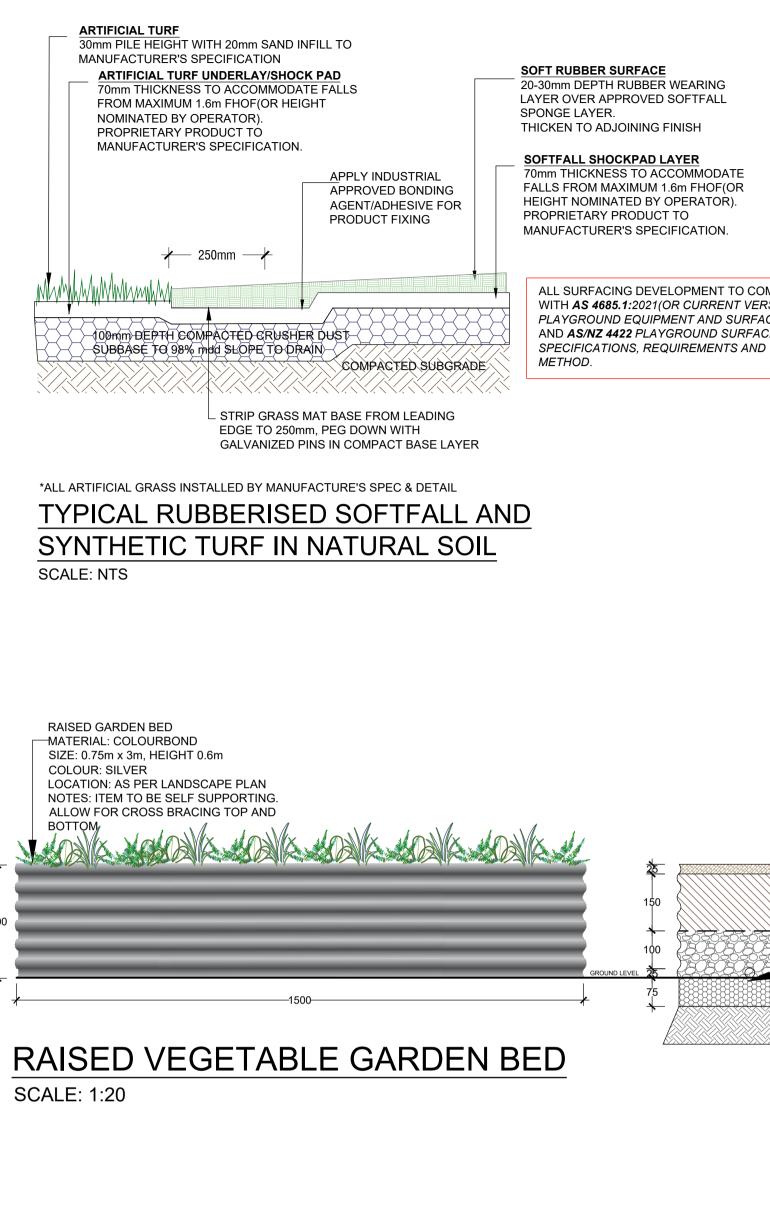


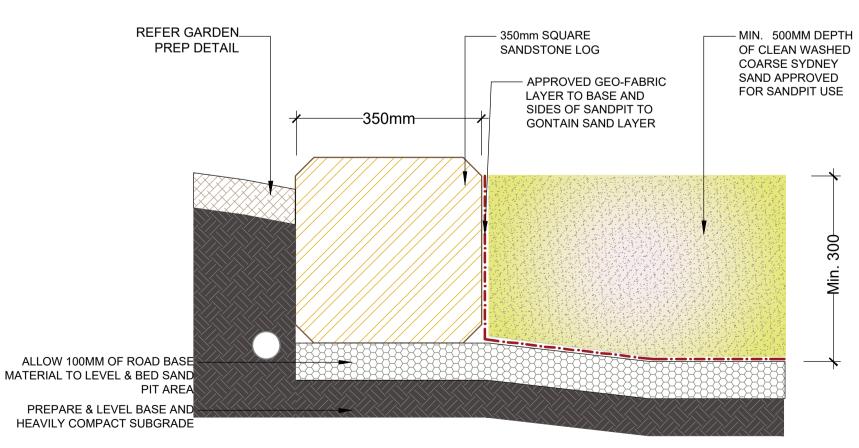
# **TYPICAL MOUND & TUNNEL ELEVATION**

SCALE: 1:20

# CHILDCARE / PLAYGROUND SAFETYFALL ZONES (As Published by KIDSAFE NSW)

- 1. Playground equipment that measures 600mm or more above ground level requires a falling
- space and impact area. 2. Surfaces must have proof of testing in accordance with AS/NZS 4422
- 3. The maximum height of platforms in Education and Care Services is 1800mm
- 4. For static equipment items with platforms 600-1500mm above the ground, the falling space and impact area is 1500mm
- 5. A falling space/impact area of 1.7m is required for the maximum 1.8m platform height in SECS
- 6. Slides Falling space and impact areas are required to be provided surrounding slides elevated more than 600mm above the playing surface
- 7. Equipment less than 600mm above ground level must be provided with an impact area of less than 1500mm. Kidsafe NSW recommends a circulation zone of 1000mm is provided surrounding low equipment items that are designed for climbing rocking or jumping. 8. The maximum fall height for moveable equipment is 1.5m (at the highest foot support and/or platform)
- 9. A minimum falling space and impact area of 1.5m is required for equipment items that measure 600mm or more above the ground.







	REV	DATE	NOTATION/AMENDMENT	PROJECT:
CITY COUNCIL	Α	06.10.2023	Preliminary DA prepared for review	PR
	В	17.10.2023	Co-ordinated with amended architectural plan & comments	1 1 1
	С	08.11.2023	Co-ordinated with stormwater plan	46-
	D	20.05.2023	Co-ordinated with updated architectural plans	
REET PTY LTD				SC

PROPOSED DEVELOPMENT 46-52 FERNDELL STREET, SOUTH GRANVILLE

HEIGHT NOMINATED BY OPERATOR). MANUFACTURER'S SPECIFICATION.

ALL SURFACING DEVELOPMENT TO COMPLY WITH AS 4685.1:2021(OR CURRENT VERSION) PLAYGROUND EQUIPMENT AND SURFACING AND AS/NZ 4422 PLAYGROUND SURFACING -SPECIFICATIONS, REQUIREMENTS AND TEST

-MULCH STRAW 50mm TOPSOIL MIX BLEND 300mm \_GEOTEXTILE MATTING LAYER -FREE DRAINING AGGREGATE 200mm SIZE: 10-20mm

-COMPACTED SUB BASE MATERIAL: CRUSHER DUST -COMPACTED SUB GRADE

**TYPICAL SANDPIT WITH SANDSTONE EDGE DETAIL** 

TITLE:			STATUS:		
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			SCALE:	DATE:	
			AS SHOWN @ A1	MAY 2024	
DWG.No:	SHEET:	ISSUE:	DRAWN:	CHECKED:	
LPDA 24 - 60	LP-15	D	E.W/L.Z	R.F	



Ironbark log posts Cypress decks & roof Spotted gum & Cypress activities Roto-moulded plastic slide Stainless steel fixings

# **Equipment Specifications**

Max FHOF 800mm Fall zone area 47m2 Highest point 3619mm

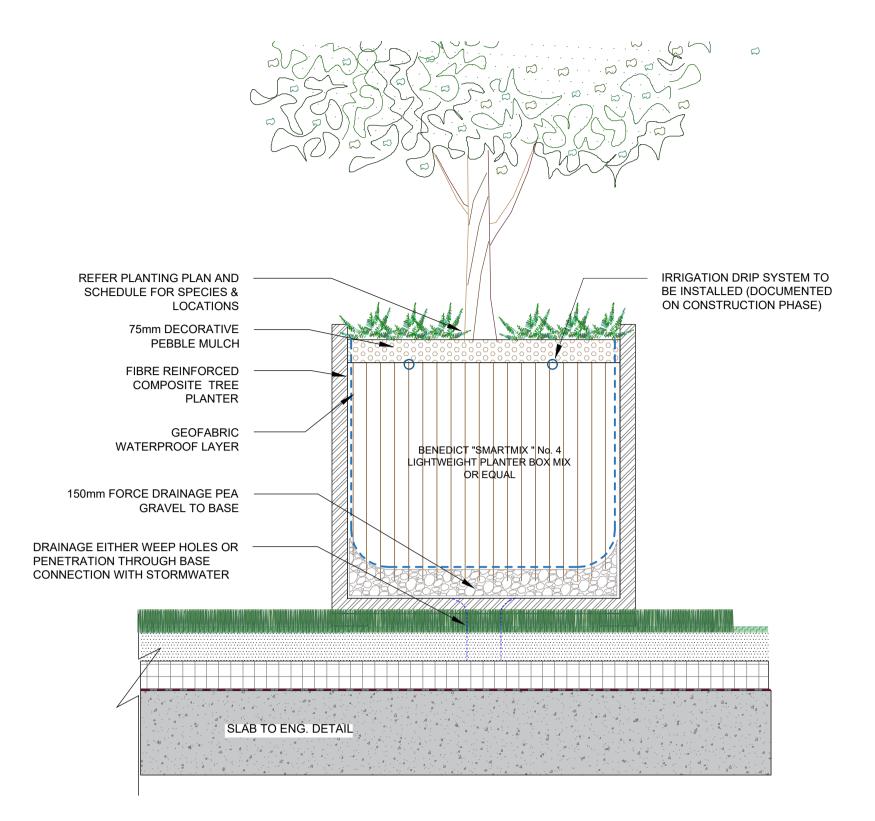
# Standards

AS4685 series

# **General Product Information**

Age Group 3+ Colour options available Spare parts available Heaviest part Ironbark posts - machinery required





# PRE-FABRICATED TREE PLANTER ON SLAB SCALE 1:25



# TIMBER LOOKOUT TOWER BY PLAY WORKSHOP REFER TO MANUFACTURER'S SPEC.

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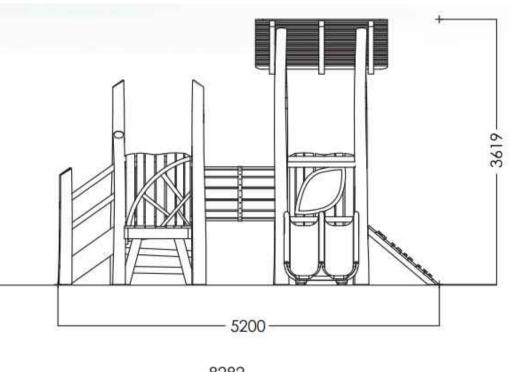
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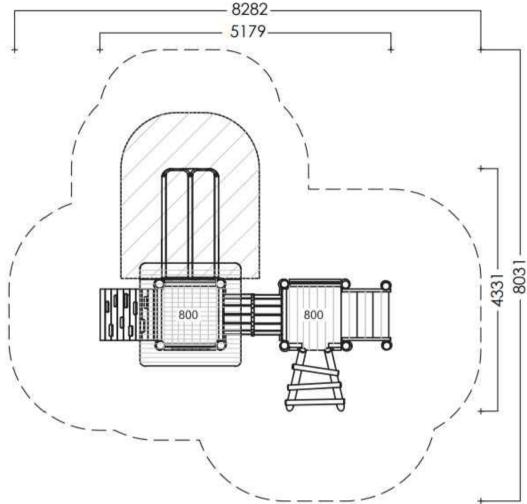
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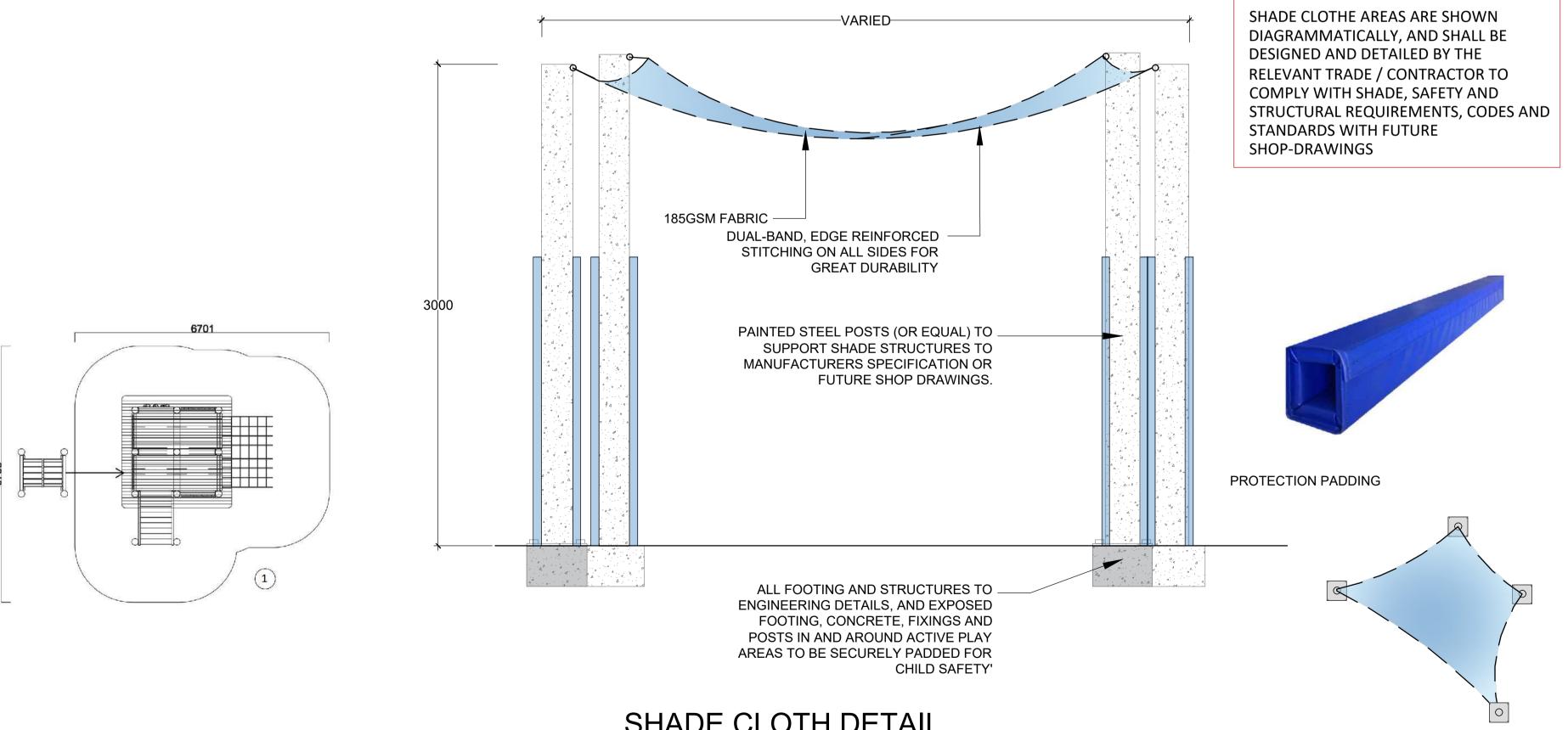
# **Material Specifications**







# FOREST STRUCTURE BY PLAY WORKSHOP REFER TO MANUFACTURER'S SPEC.



# SHADE CLOTH DETAIL

SCALE 1:20

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	D	20.05.2023	Co-ordinated with updated architectural plans	
TREET PTY LTD				SOUTH

OSED DEVELOPMENT RNDELL STREET, H GRANVILLE

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SECTION A-A SCALE 1:30

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