ROSSMORE RESERVE

Urban Forest Planting Study

Centaurus Road, Cashmere, Christchurch 8022

DATE 16/10/2026
REF NO. 5586
REVISION B

ISSUE
PRELIMINARY

PREPARED BY

Kamo Marsh
LANDSCAPE ARCHITECTS

Te Uruti Building, 48 Hereford St, Chch, 8140
Level 3, 36 Grant Rd, Qtn, 9300

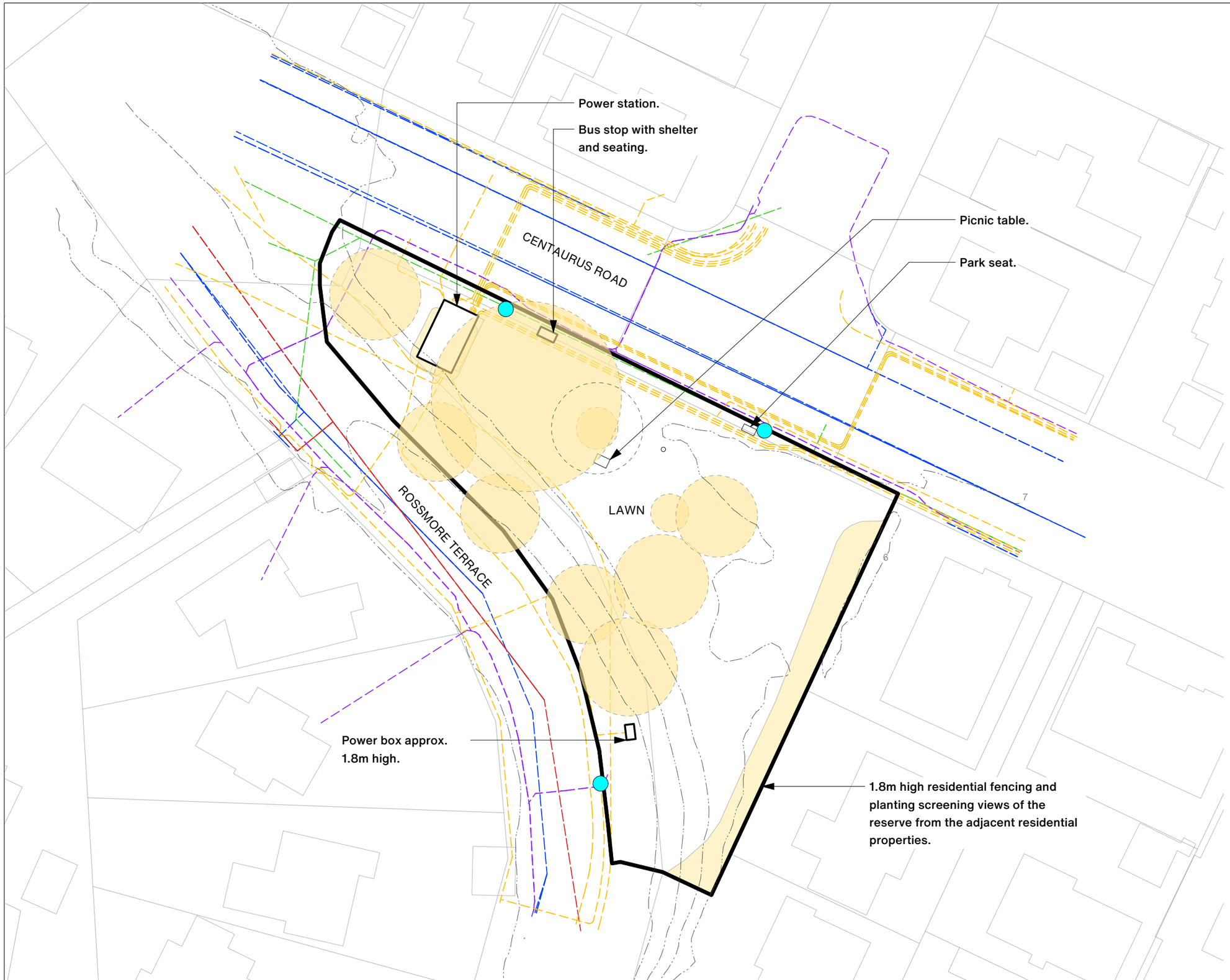
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FOR
Christchurch City Council

SHEET NO.	SHEET TITLE
0000	Community Park Tree Planting Study
0001	Existing Planting
0002	Tree Planting Zones
0003	Tree Planting Zones - Lot Boundary Cross Sections
0004	Tree Planting Plan
0005	Tree Planting Plan - Comments
0006	Tree Planting Guidelines

SITE LOCATION PLAN SCALE: 1:1500 @ A3





PROJECT NAME

ROSSMORE RESERVE

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CLIENT

Christchurch City Council

LEGEND

- Site Boundary
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- Existing post and cable fence
- Existing Tree - predicted mature canopy

Existing Services

- Stormwater
- Wastewater
- Water supply
- Power (LV)
- Power (11KV)
- Power (Overhead line)
- Enable Fibre
- Light

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Existing Planting

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DESIGN	DRAWN	REVIEW
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SHEET NO. 0001

REVISION B

CENTAURUS ROAD

ROSSMORE TERRACE

LAWN

7

6

0 25 50 m

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Tree Planting Zones

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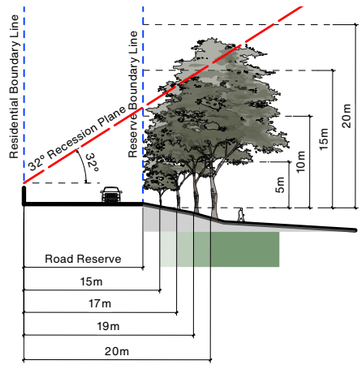
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SHEET NO. 0002 REVISION B

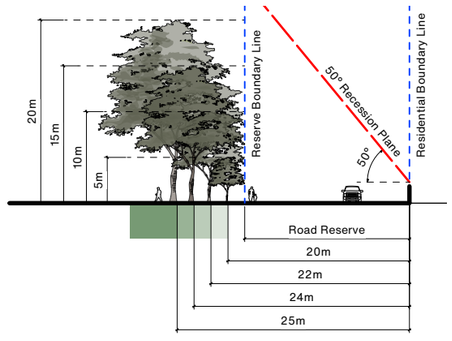


Location Plan @ 1:1000

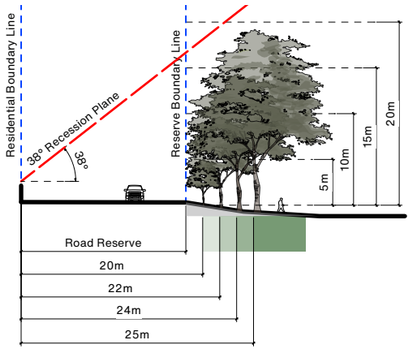
INDICATIVE CROSS SECTION THROUGH THE BOUNDARIES



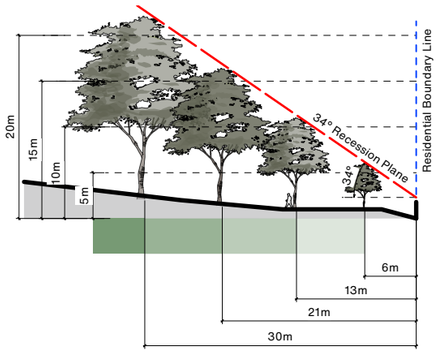
Cross Section A-A



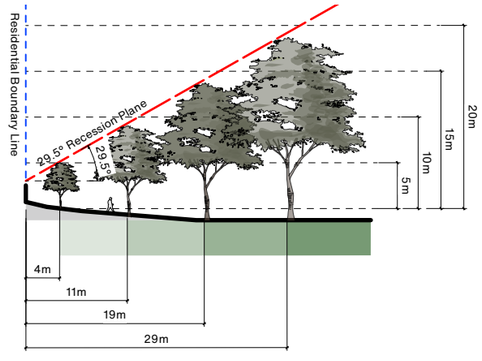
Cross Section B-B



Cross Section C-C



Cross Section D-D



Cross Section E-E

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Tree Planting Zones - Lot Boundary Cross Sections

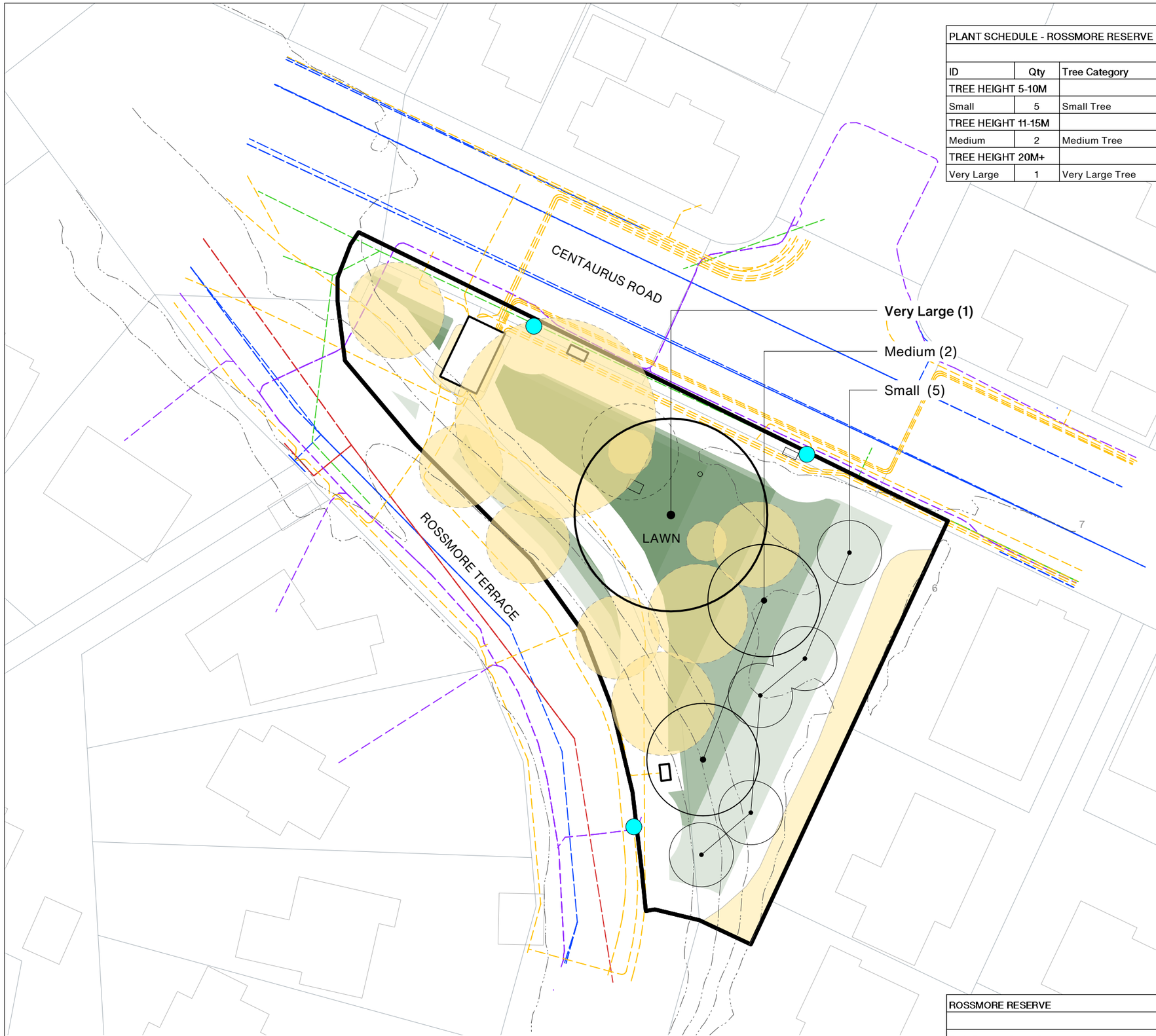
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SHEET NO. **0003** REVISION **B**



PLANT SCHEDULE - ROSSMORE RESERVE			
ID	Qty	Tree Category	Tree Height
TREE HEIGHT 5-10M			
Small	5	Small Tree	5-10m Height
TREE HEIGHT 11-15M			
Medium	2	Medium Tree	11-15m Height
TREE HEIGHT 20M+			
Very Large	1	Very Large Tree	20+m Height

Note:
Contractor to confirm service and irrigation locations using on site service locators prior to commencing work.

ROSSMORE RESERVE		
Park Canopy Cover Summary		
Existing number of trees		10
Existing canopy cover	approx.	47%
Proposed number of new trees		12
Proposed net canopy cover(existing vegetation and proposed)	approx.	77%

0 25 50 m

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SHEET TITLE
Tree Planting Plan

ISSUE
PRELIMINARY

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SHEET NO. **0004** REVISION **B**

CENTAURUS ROAD

ROSSMORE TERRACE

LAWN

Very Large (1)

Medium (2)

Small (5)

Existing site canopy coverage >50%.

Very large tree proposed to provide additional shade to the site.

Small trees in a loose arrangement to avoid excessive shading of the houses to the east.

0 25 50 m

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Tree Planting Plan - Comments

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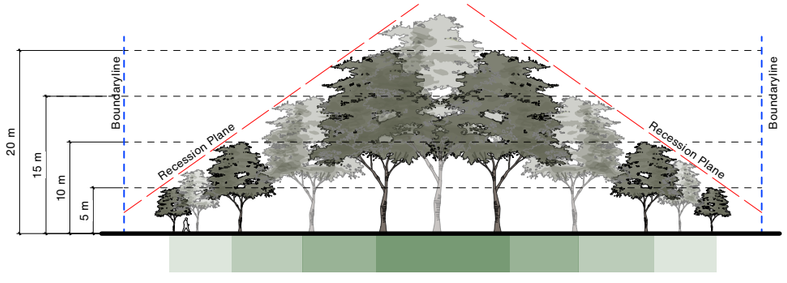
Guideline Summary

- Tree planting to Special Character Parks will continue the established theme.
- Trees will be positioned appropriately to allow for debris management.
- Tree species shall be well suited to the local conditions.
- Planting along waterways will be predominantly native species.
- CCC will aim for 40-60% of new tree plantings as natives.

Tree Setbacks & Spacings

- No tree shall intrude through the recession plane.
- No tree shall be planted closer than 3.0m from a pathway.
- No tree shall be planted closer than 5.0m from a sports field and no tree canopy drip line shall extend above a sports field.
- Tree spacings shall be a minimum of 5.0m apart to allow for easy lawn mowing.
- Min. 2.0m offset for low voltage power
- Min. 3.0m offset for 11kv power
- Min. 5.0m offset for 33-66kv
- Min. 2.0m offset for all other services not mentioned above.
- Min. 1.5m offset for all hard paving not mentioned above.

Typical tree planting pattern





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Tree Planting Guidelines

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