BROWNLEE RESERVE

Urban Forest Planting Study

69 PANORAMA RD, CLIFTON, CHRISTCHURCH, 8081

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

ISSUE
PRELIMINARY

PREPARED BY

Kamo Marsh
LANDSCAPE ARCHITECTS

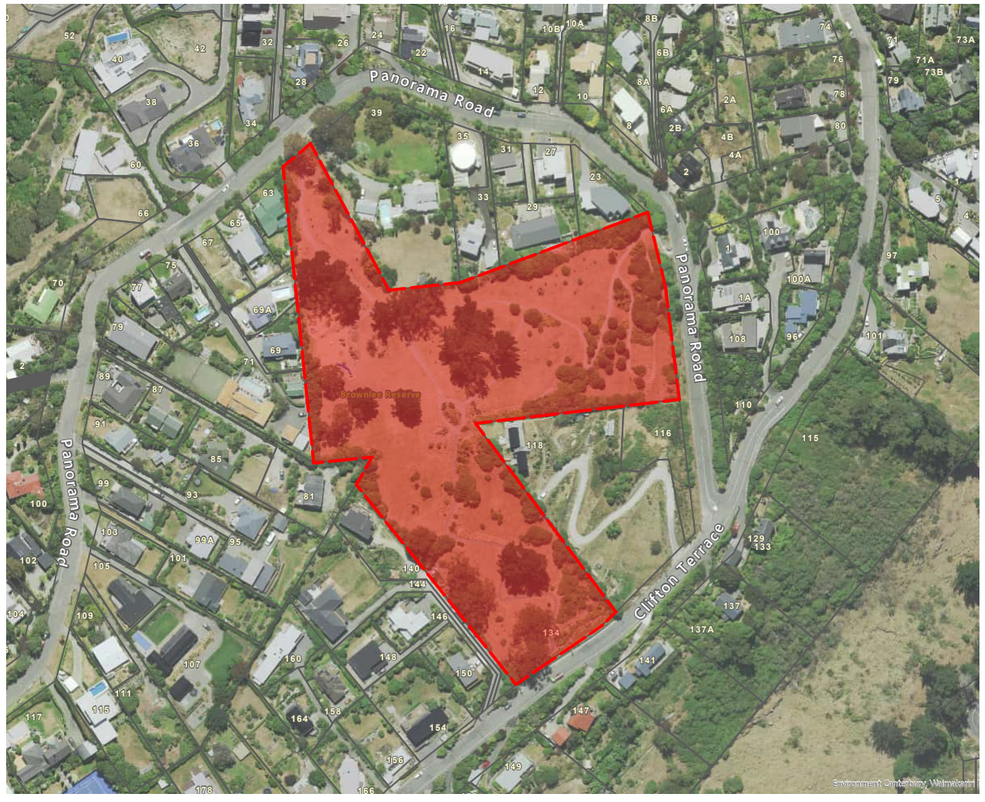
Te Uruti Building, 48 Hereford St, Chch, 8140
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FOR
Christchurch City Council

SHEET NO.	SHEET TITLE
P 00	Community Park Tree Planting Study
P 01	Existing Planting
P 02	Tree Planting Zones
P 03	Tree Planting Zones - Lot Boundary Cross Sections
P 04	Tree Planting Zones - Lot Boundary Cross Sections
P 05	Tree Planting Plan
P 06	Tree Planting Plan - Design Intent
P 07	Tree Planting Guidelines

SITE LOCATION PLAN SCALE: 1:3000 @ A1



PLAYGROUND

OPEN SPACE

OPEN SPACE

VIEWS TO SCARBOROUGH

VIEWS TO SCARBOROUGH

0 20 40 60 80 m

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SHEET TITLE

Existing Planting

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DESIGN	DRAWN	REVIEW
OH	OH	TS

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SCALE 1:1200 A3

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SHEET NO. P 01

REVISION B

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SHEET TITLE

Tree Planting Zones

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PRELIMINARY

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OH	OH	TS

DATE 16/10/2026

SCALE 1:1200 A3

REF NO. 5586

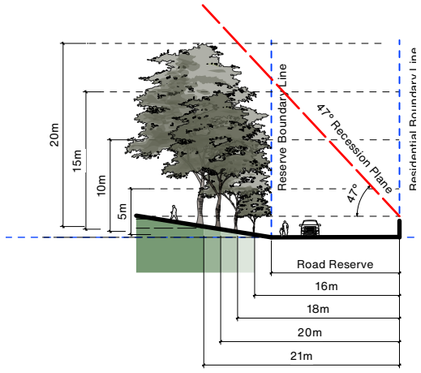
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REVISION B

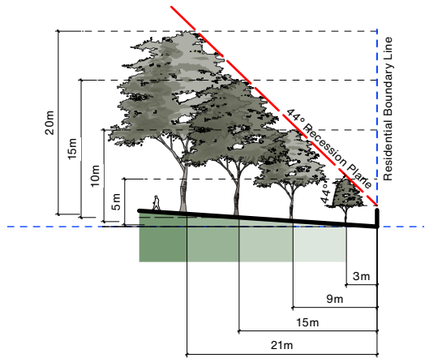


Location Plan @ 1:2500

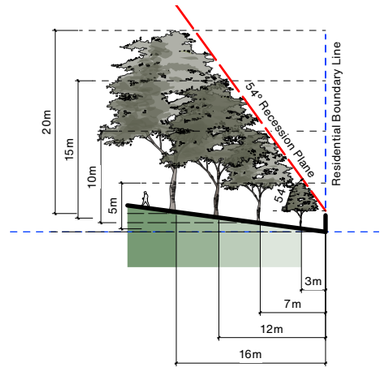
INDICATIVE CROSS SECTION THROUGH THE BOUNDARIES



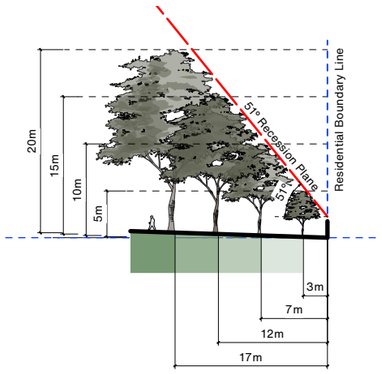
Cross Section A - A



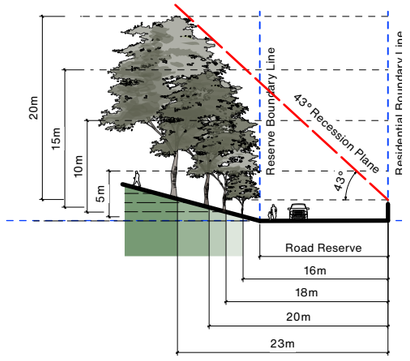
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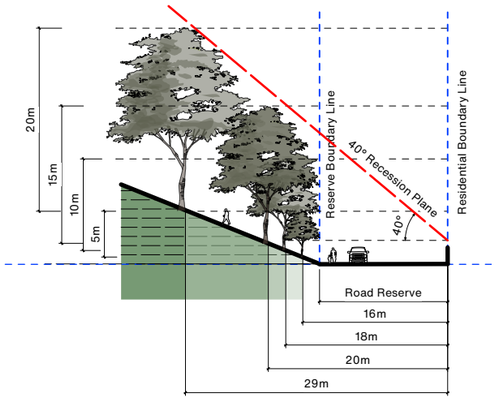
Cross Section C - C



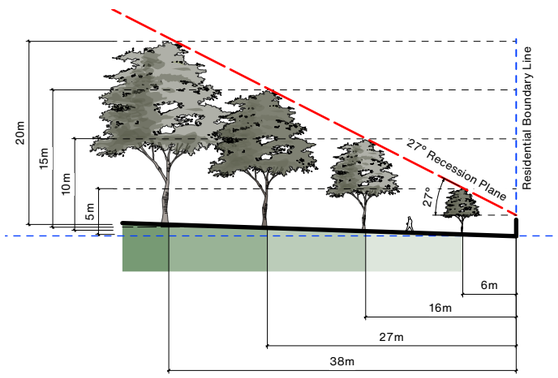
Cross Section D - D



Cross Section E - E



Cross Section F - F



Cross Section G - G

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SHEET TITLE

Tree Planting Zones - Lot Boundary Cross Sections

ISSUE

PRELIMINARY

DESIGN	DRAWN	REVIEW
OH	OH	TS

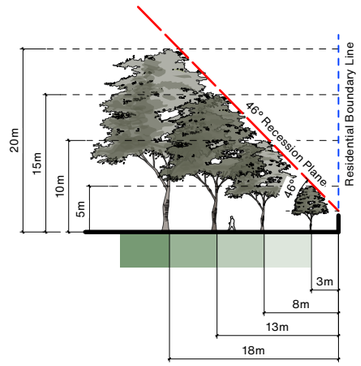
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REF NO.	5586	

SHEET NO. **P 03** REVISION **B**

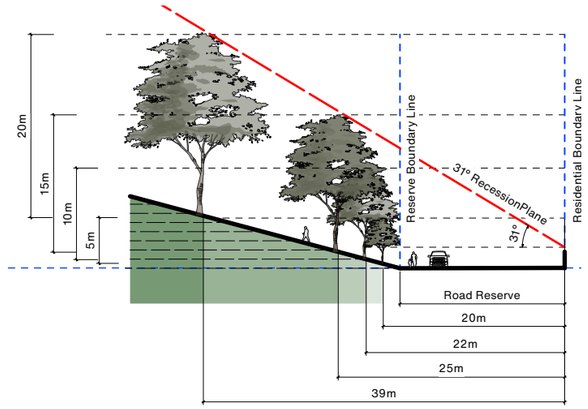


Location Plan @ 1:2500

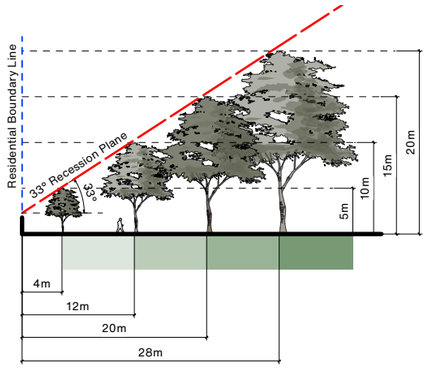
INDICATIVE CROSS SECTION THROUGH THE BOUNDARIES



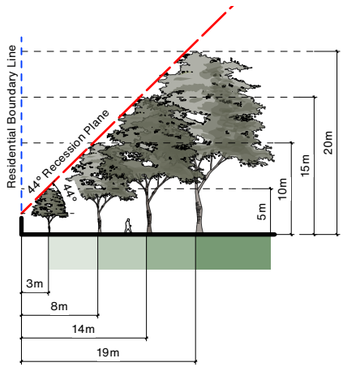
Cross Section H - H



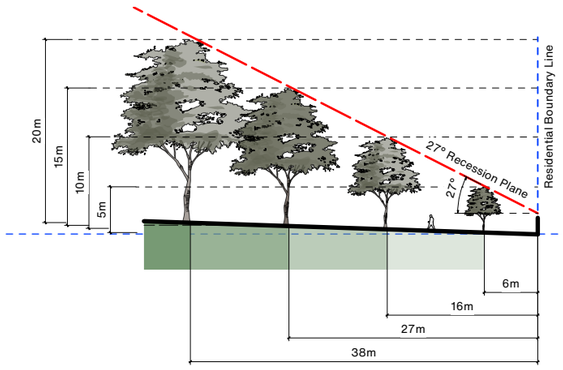
Cross Section I - I



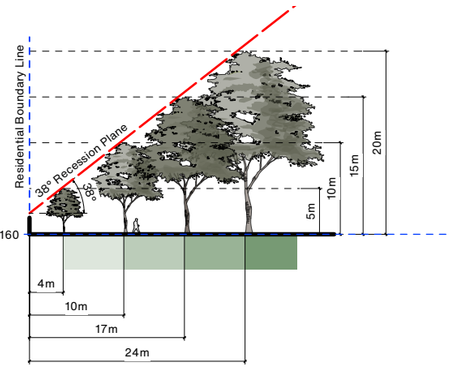
Cross Section J - J



Cross Section K - K



Cross Section L - L



Cross Section M - M

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SHEET TITLE

Tree Planting Zones - Lot Boundary Cross Sections

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SHEET NO. **P 04** REVISION **B**



PLANT SCHEDULE - BROWNLEE RESERVE			
ID	Qty	Tree Category	Tree Height
TREE HEIGHT 5-10M			
Small	59	Small Tree	5-10m Height
TREE HEIGHT 11-15M			
Medium	14	Medium Tree	11-15m Height
TREE HEIGHT 16-20M			
Large	2	Large Tree	16-20m 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.

BROWNLEE RESERVE		
Park Canopy Cover Summary		
Existing number of trees	approx.	286
Existing canopy cover	approx.	55%
Proposed number of new trees		76
Proposed net canopy cover(existing vegetation and proposed)	approx.	75%

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SHEET TITLE
Tree Planting Plan

ISSUE
PRELIMINARY

DESIGN	DRAWN	REVIEW
OH	OH	TS

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SCALE 1:1200 A3
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SHEET NO. **P 05** REVISION **B**



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SHEET TITLE

Tree Planting Plan - Design Intent

ISSUE

PRELIMINARY

DESIGN	DRAWN	REVIEW
OH	OH	TS

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SHEET NO. **P 06** REVISION **B**

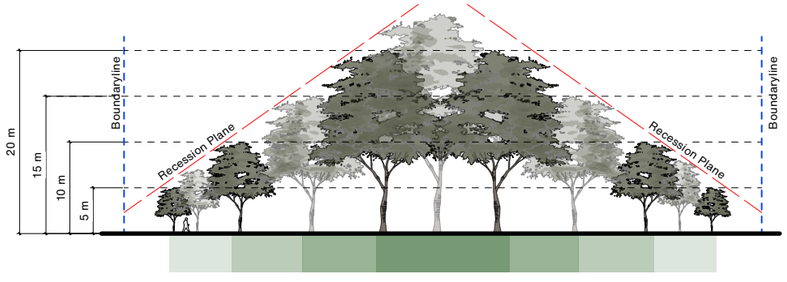
Guideline Summary

- 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





LOCATION PLAN @ 1:1500

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Tree Planting Guidelines

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SHEET NO. P 07

REVISION B