

KUMARA RESERVE

Urban Forest Planting Study

17 Kumara Place, Hei Hei, Christchurch 8042

DATE 26/02/2026
REF NO. 5586
REVISION B

ISSUE
PRELIMINARY

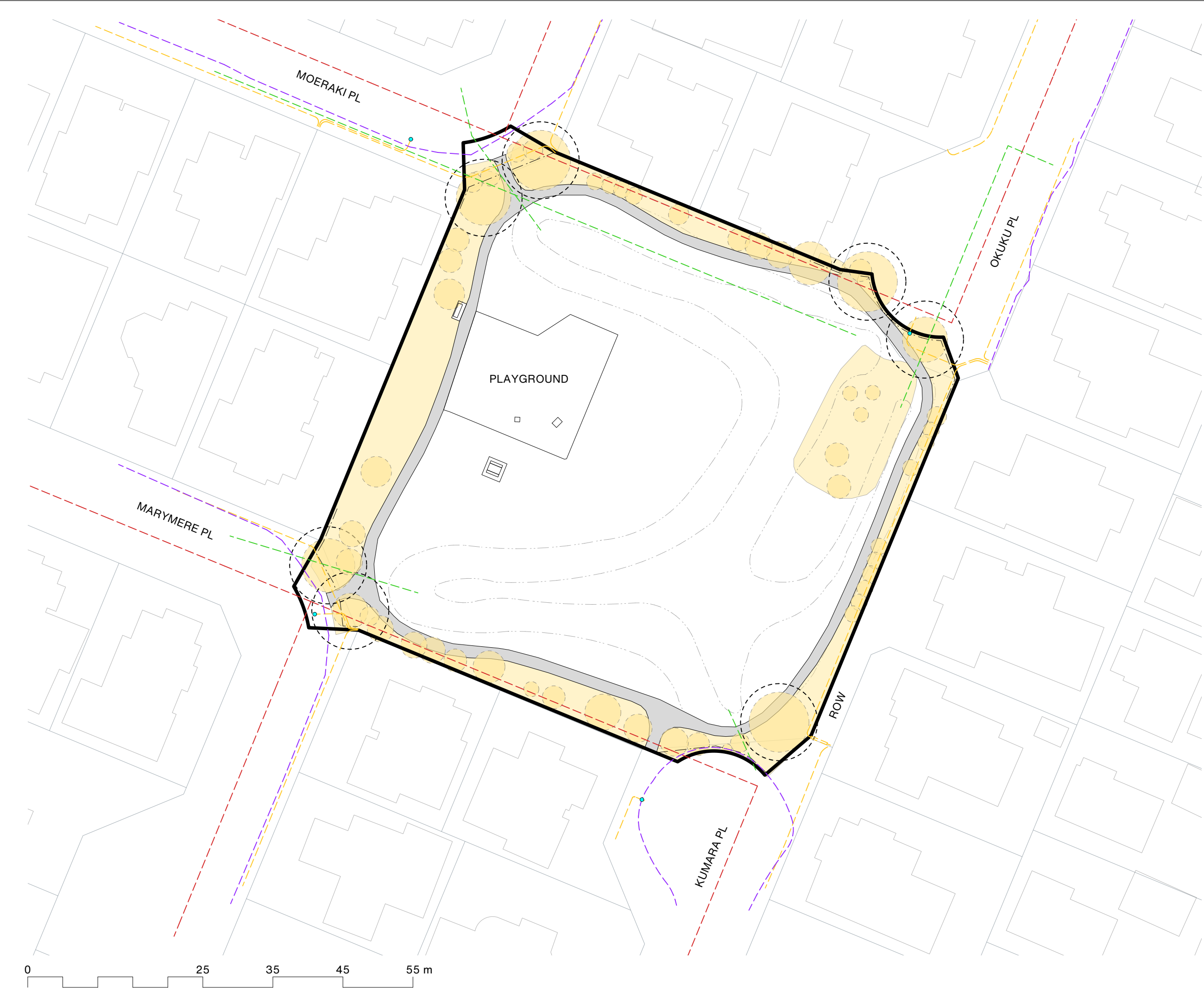


LANDSCAPE ARCHITECTS

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 - Design Intent
0006	Tree Planting Guidelines



PROJECT NAME
KUMARA RESERVE

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ADDRESS
17 Kumara Place, Hei Hei, Christchurch 8042

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Christchurch City Council

- LEGEND
- Site Boundary
 - Existing Tree/ Vegetation
 - Existing post and cable fence
 - Existing Tree - predicted mature canopy
 - Existing Mound/Contour
 - Light

- Existing Services
- Stormwater
 - Wastewater
 - Water supply
 - Power (LV)
 - Enable Fibre

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Kamo Marsh Te Uruti Building, 48 Hereford St, Chch, 8140 Level 3, 36 Grant Rd, Qtn, 9300 T. +64 3 366 8181 E. admin@kamomارش.co.nz W. kamomارش.co.nz		

SHEET TITLE
Existing Planting

ISSUE PRELIMINARY		
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Potential Tree Planting Areas

5m - 10m
Trees Height Zone

10m - 15m
Trees Height Zone

15m - 20m
Trees Height Zone

20m+
Trees Height Zone

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Tree Planting Zones

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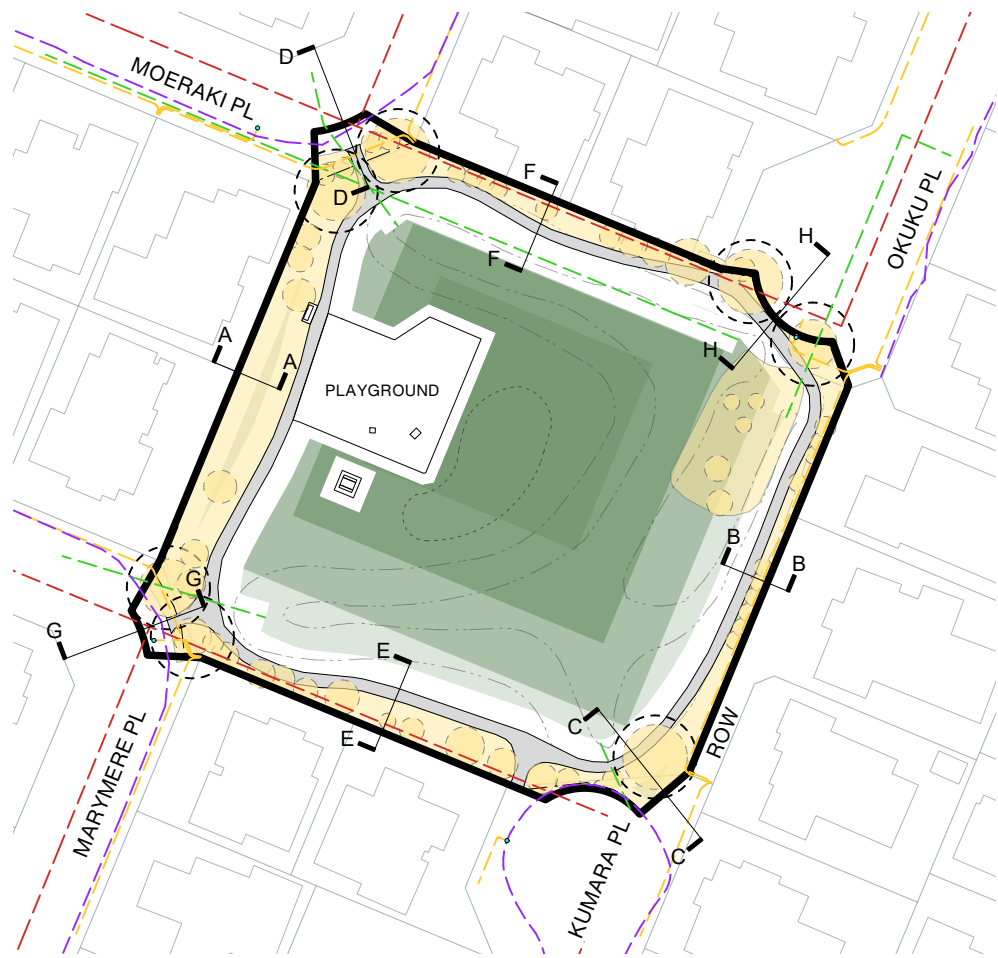
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SHEET NO.

0002

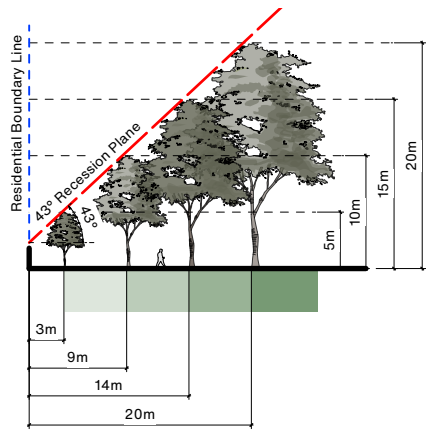
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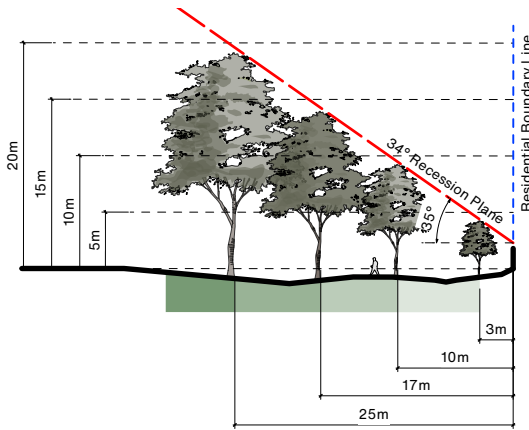


Location Plan @ 1:1500

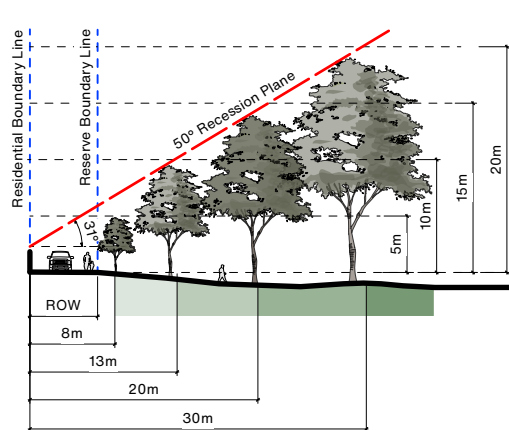
INDICATIVE CROSS SECTION THROUGH THE BOUNDARIES



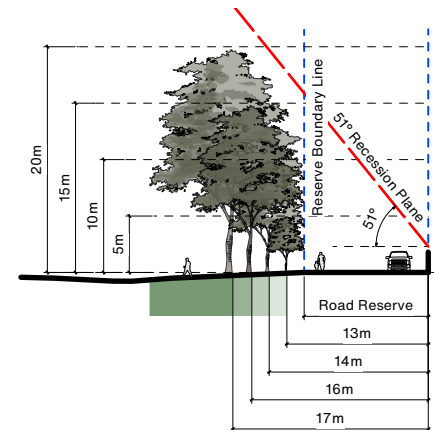
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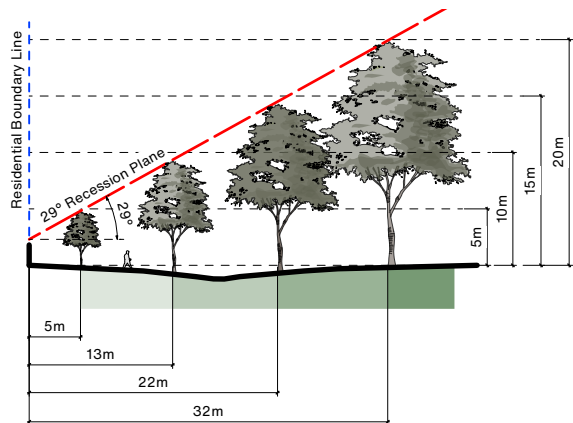
Cross Section B-B



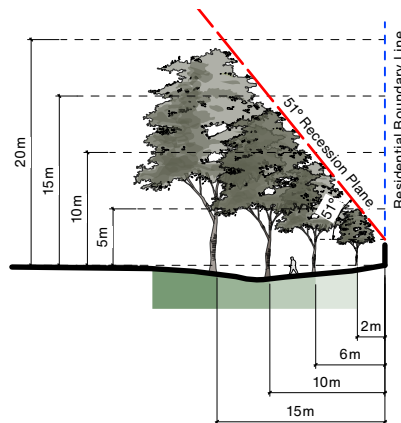
Cross Section C-C



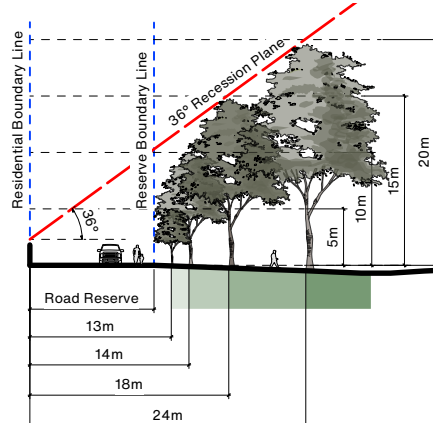
Cross Section D-D



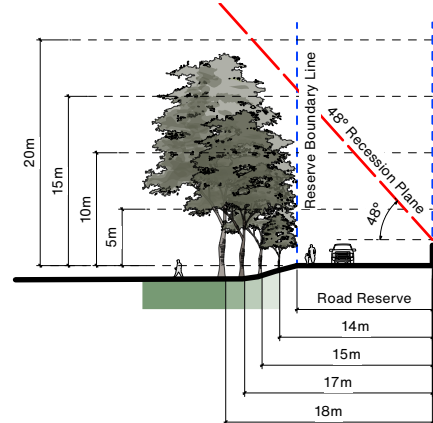
Cross Section E-E



Cross Section F-F



Cross Section G-G



Cross Section H-H

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15m - 20m Trees Height Zone

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SHEET TITLE

Tree Planting Zones -
Lot Boundary Cross Sections

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PLANT SCHEDULE - KUMARA RESERVE			
ID	Qty	Tree Category	Tree Height
TREE HEIGHT 5-10M			
Small	4	Small Tree	5-10m Height
TREE HEIGHT 11-15M			
Medium	4	Medium Tree	11-15m Height
TREE HEIGHT 16-20M			
Large	1	Large Tree	16-20m Height
TREE HEIGHT 20M+			
Very Large	1	Very Large Tree	20+m Height

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SHEET TITLE
Tree Planting Plan

ISSUE PRELIMINARY		
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KUMARA RESERVE		
Park Canopy Cover Summary		
Existing number of trees		56
Existing canopy cover	approx.	15%
Proposed number of new trees		10
Proposed net canopy cover(existing vegetation and proposed)	approx.	42%

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



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SHEET TITLE

Tree Planting Plan - Design Intent

ISSUE

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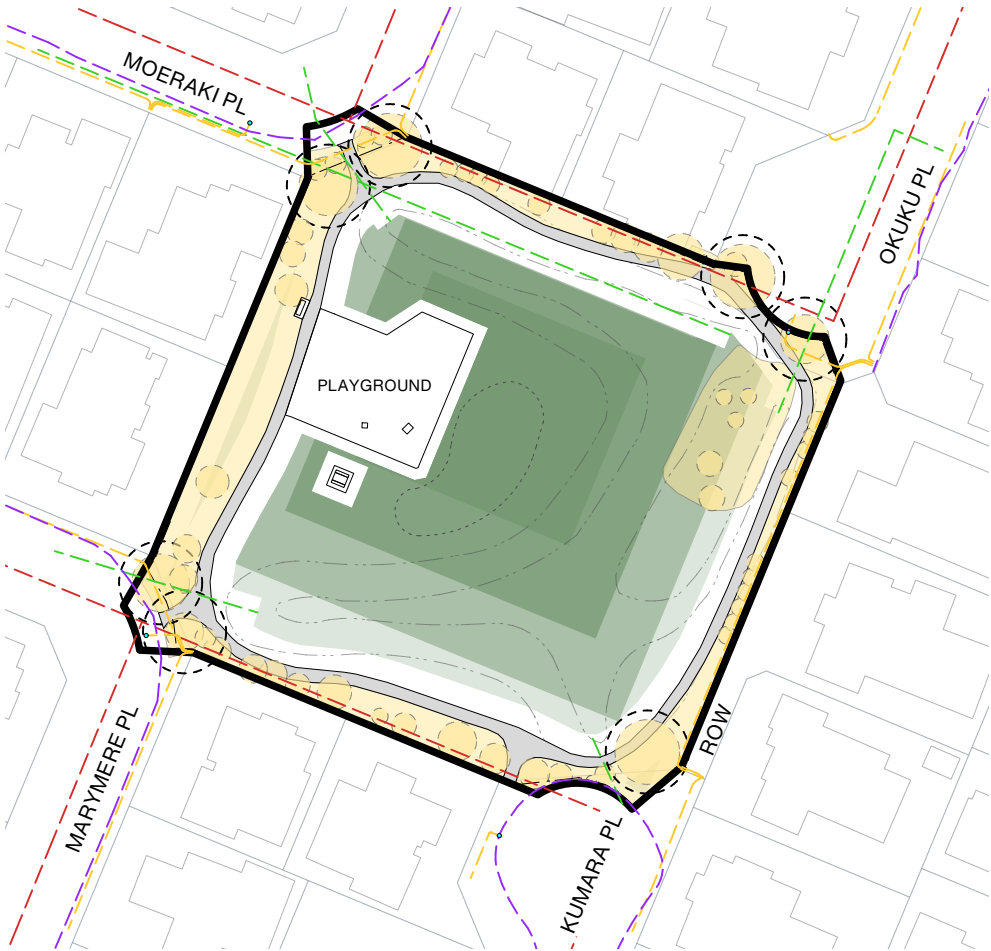
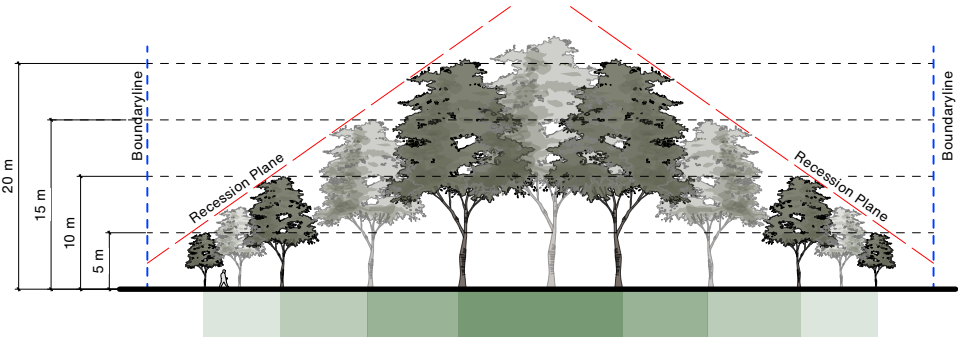
Guideline Summary

- 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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