

GLEN KERRAN DRAINAGE RESERVE

Urban Forest Planting Study

69R Rannoch Drive, Yaldhurst, Christchurch 8042

DATE 15/12/25
REF NO. 5586
REVISION A

ISSUE
PRELIMINARY



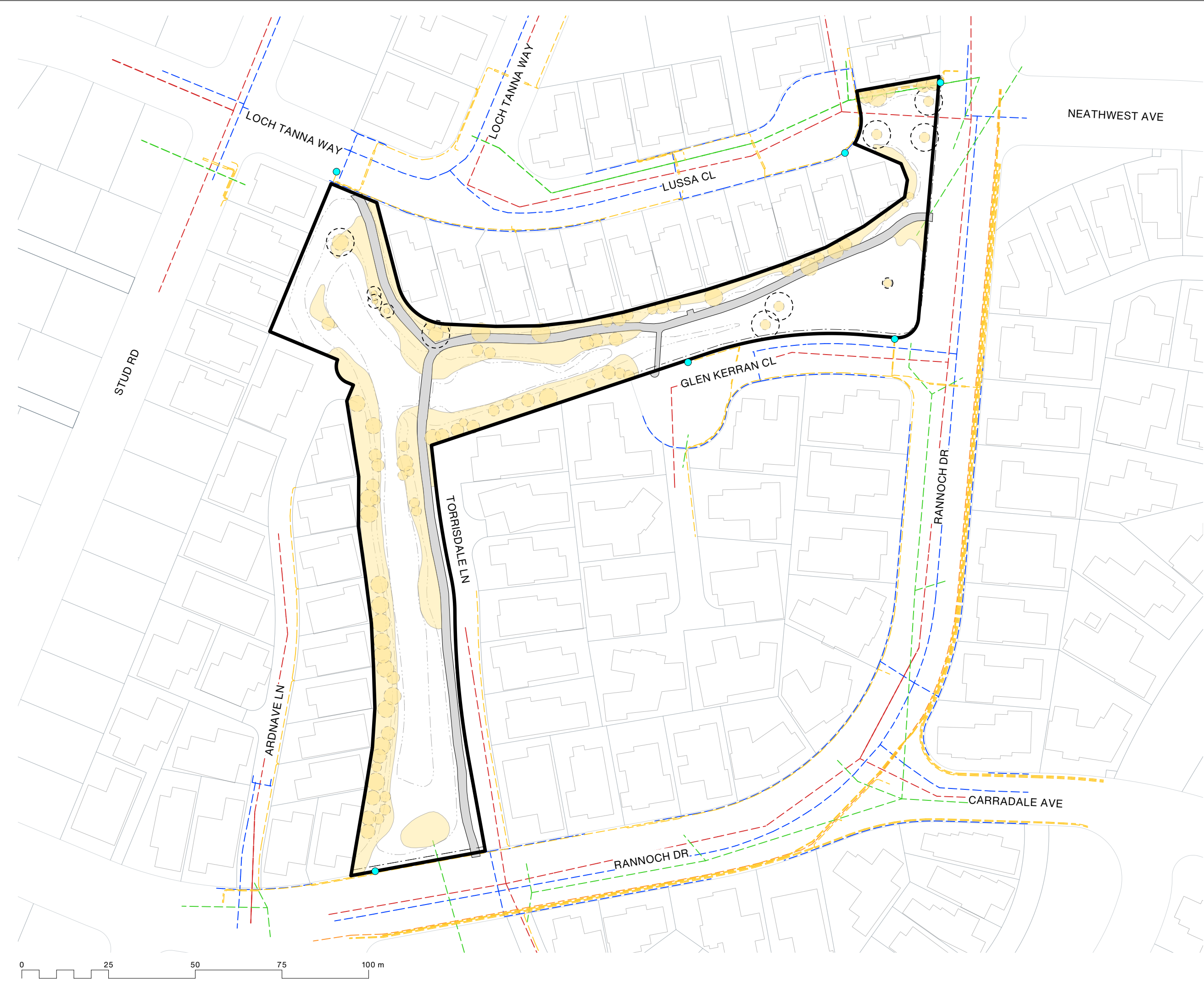
LANDSCAPE ARCHITECTS

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



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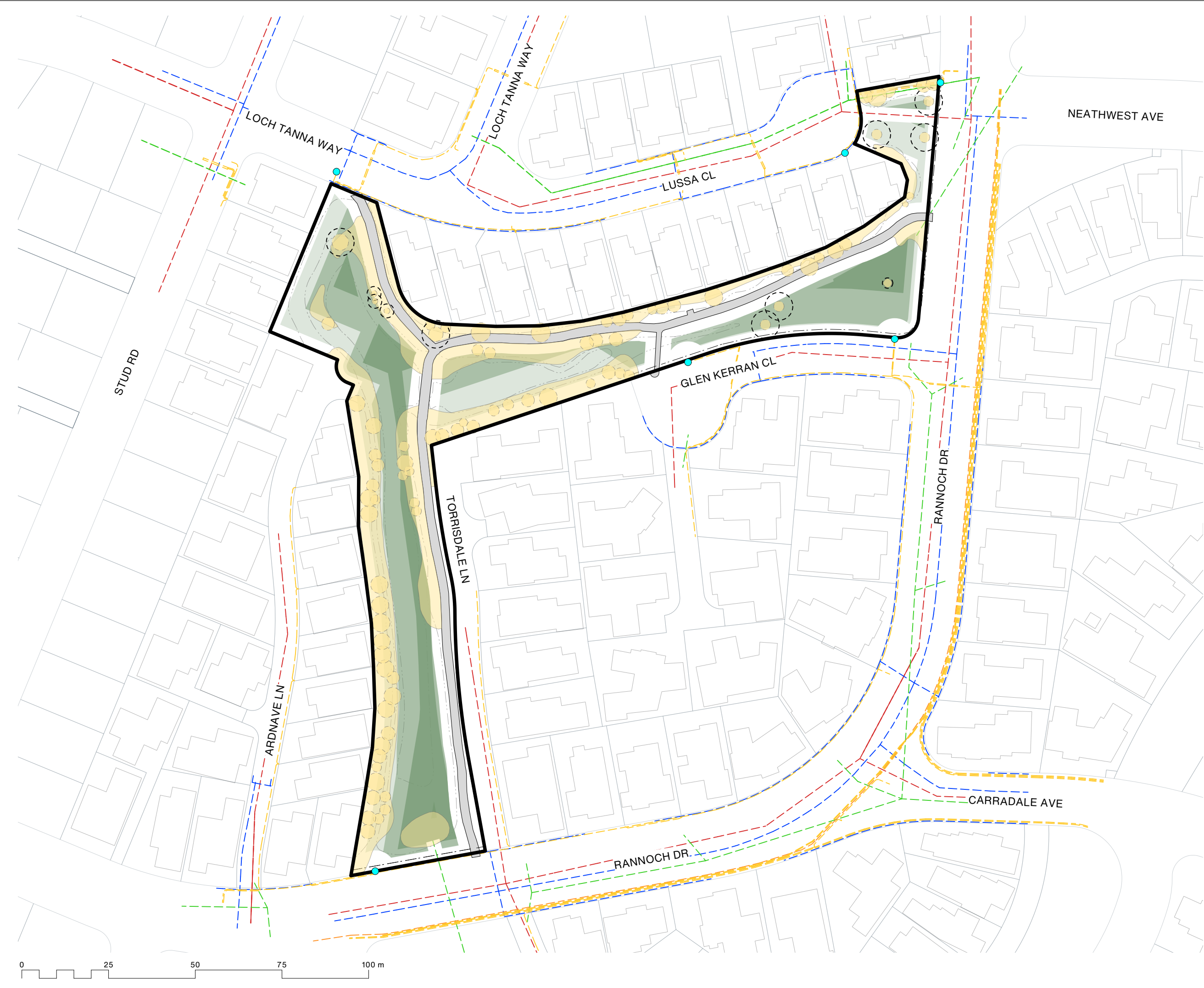
- LEGEND**
- Site Boundary
 - Existing Tree/ Vegetation
 - Existing post and cable fence
 - Existing Tree - predicted mature canopy
 - Existing Mound/Contour
 - Light

- Existing Services
- Stormwater
 - Wastewater
 - Water supply
 - Power (LV)
 - Power (11KV)
 - Enable Fibre

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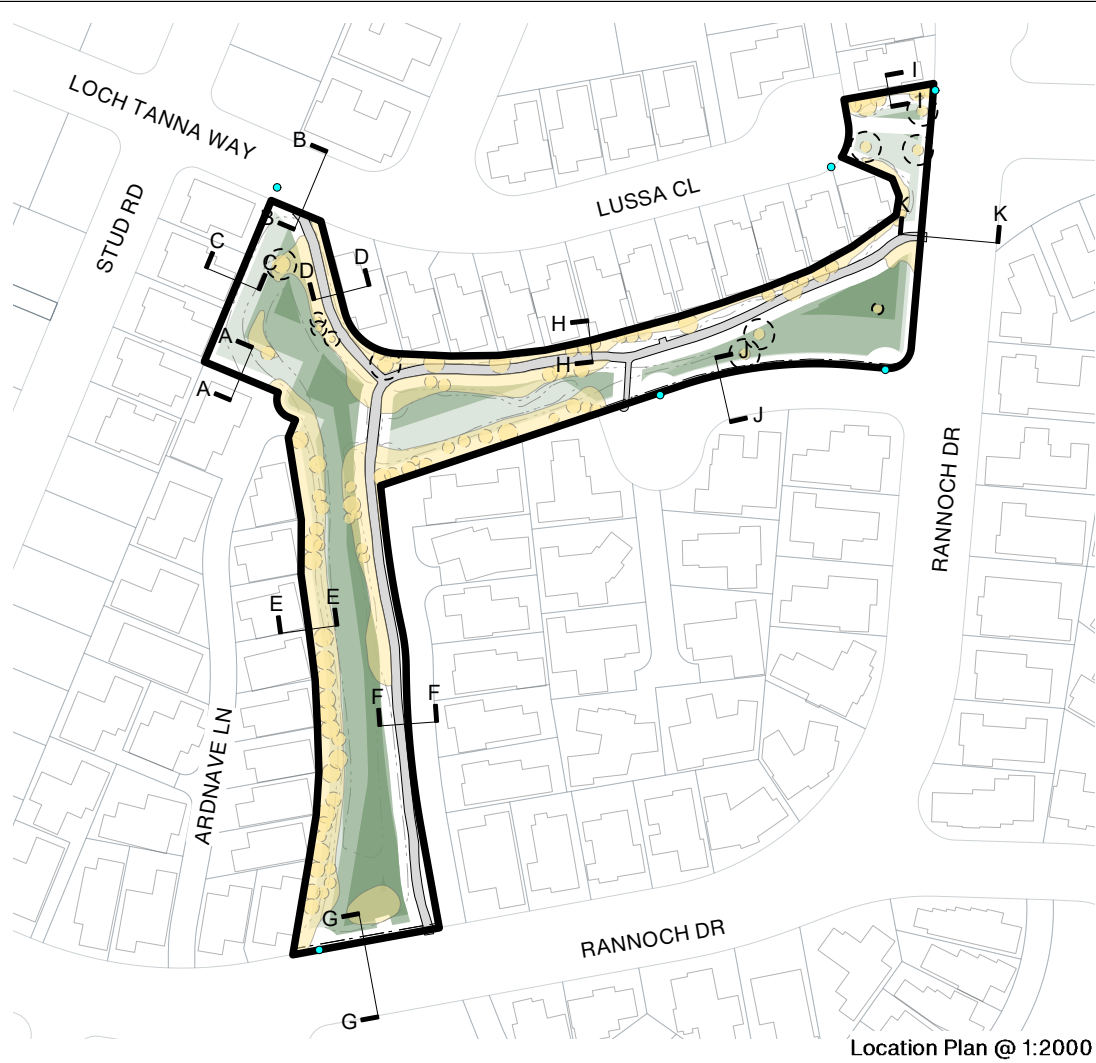
- Potential Tree Planting Areas
- 5m - 10m
Trees Height Zone
 - 10m - 15m
Trees Height Zone
 - 15m - 20m
Trees Height Zone

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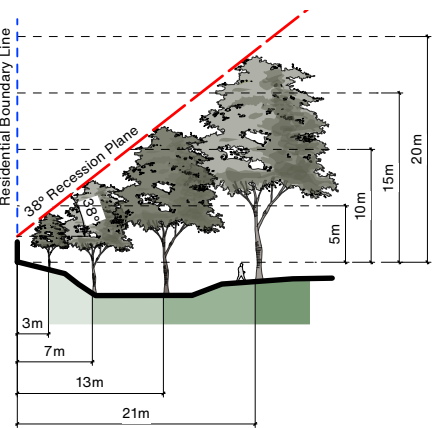
SHEET TITLE
Tree Planting Zones

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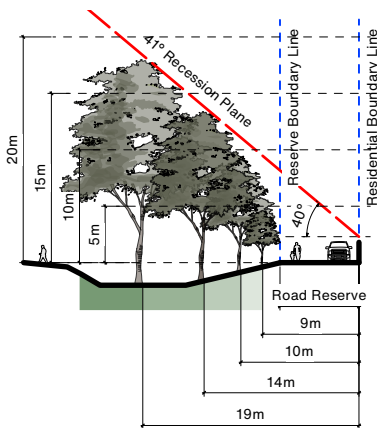
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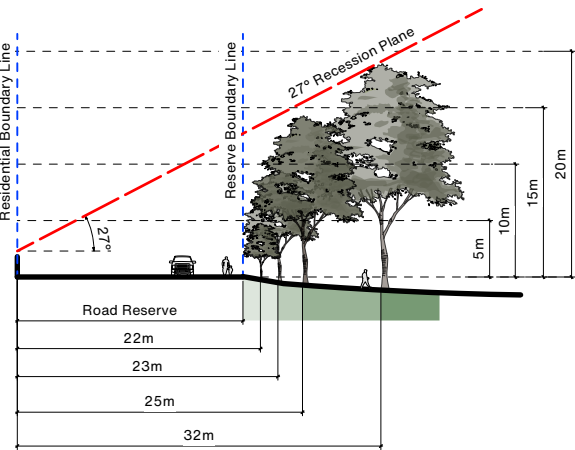
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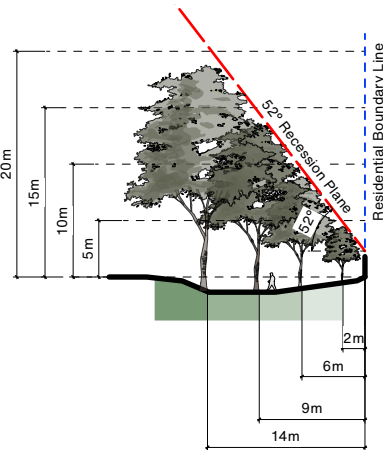
Cross Section E-E



Cross Section F-F

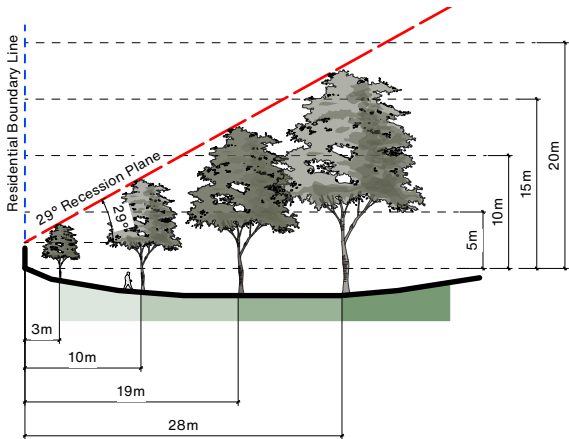


Cross Section G-G

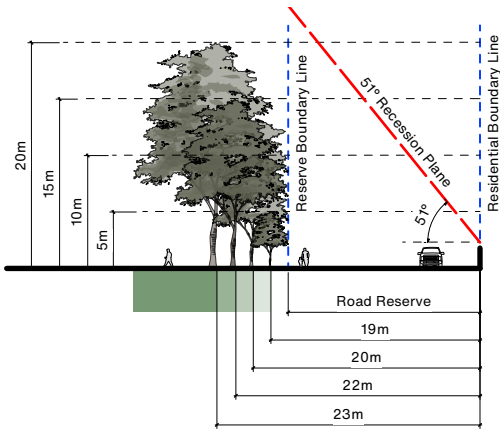


Cross Section H-H

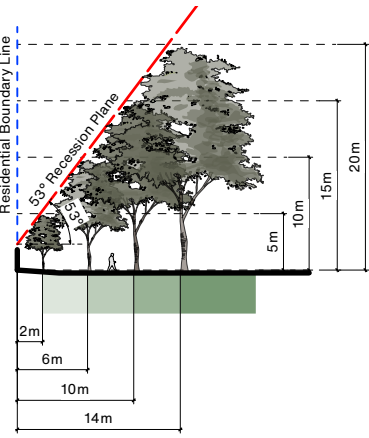
INDICATIVE CROSS SECTION THROUGH THE BOUNDARIES



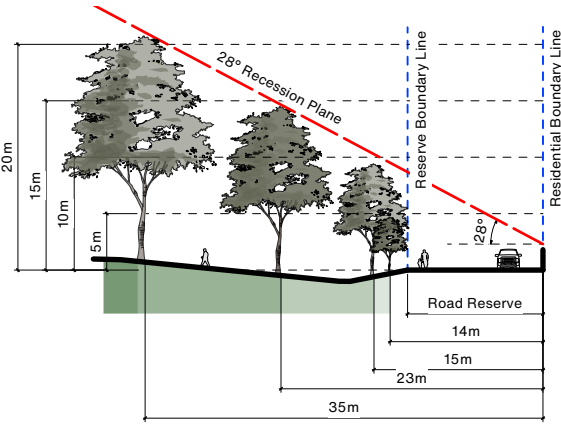
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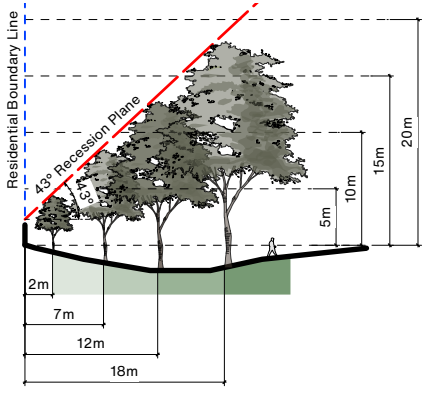
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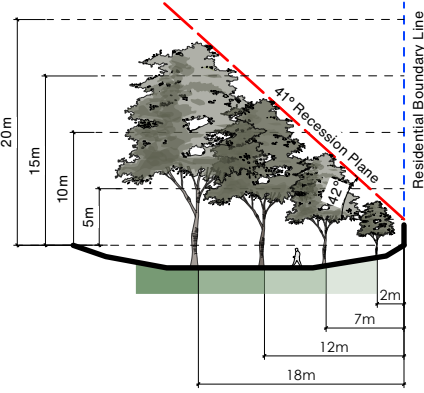
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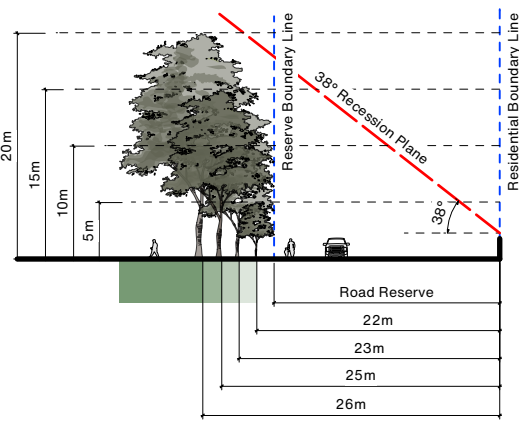
Cross Section J-J



Cross Section C-C



Cross Section D-D



Cross Section K-K

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SHEET TITLE		
Tree Planting Zones - Lot Boundary Cross Sections		
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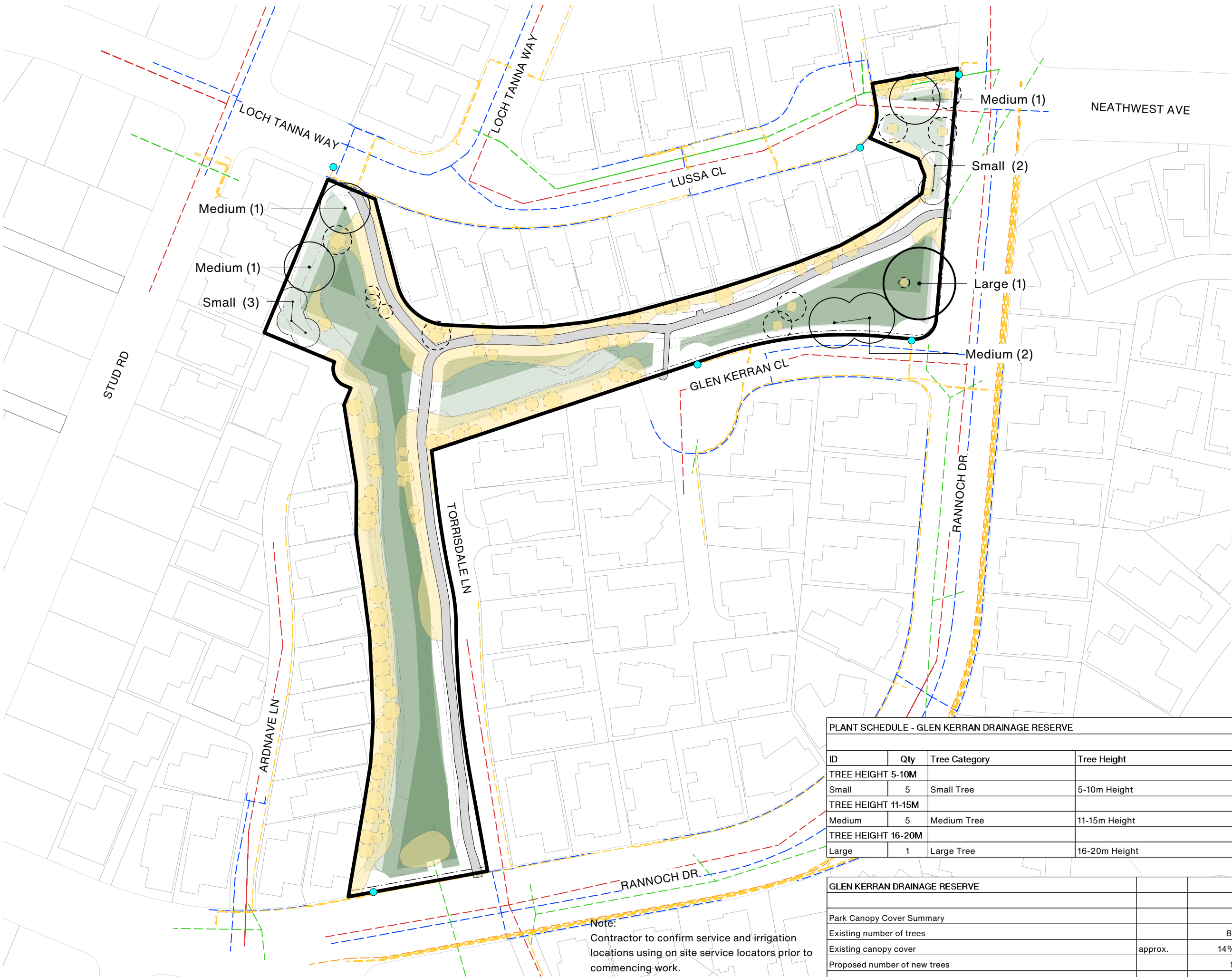
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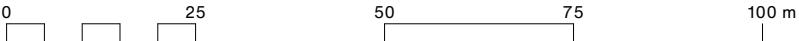
SHEET TITLE
Tree Planting Plan

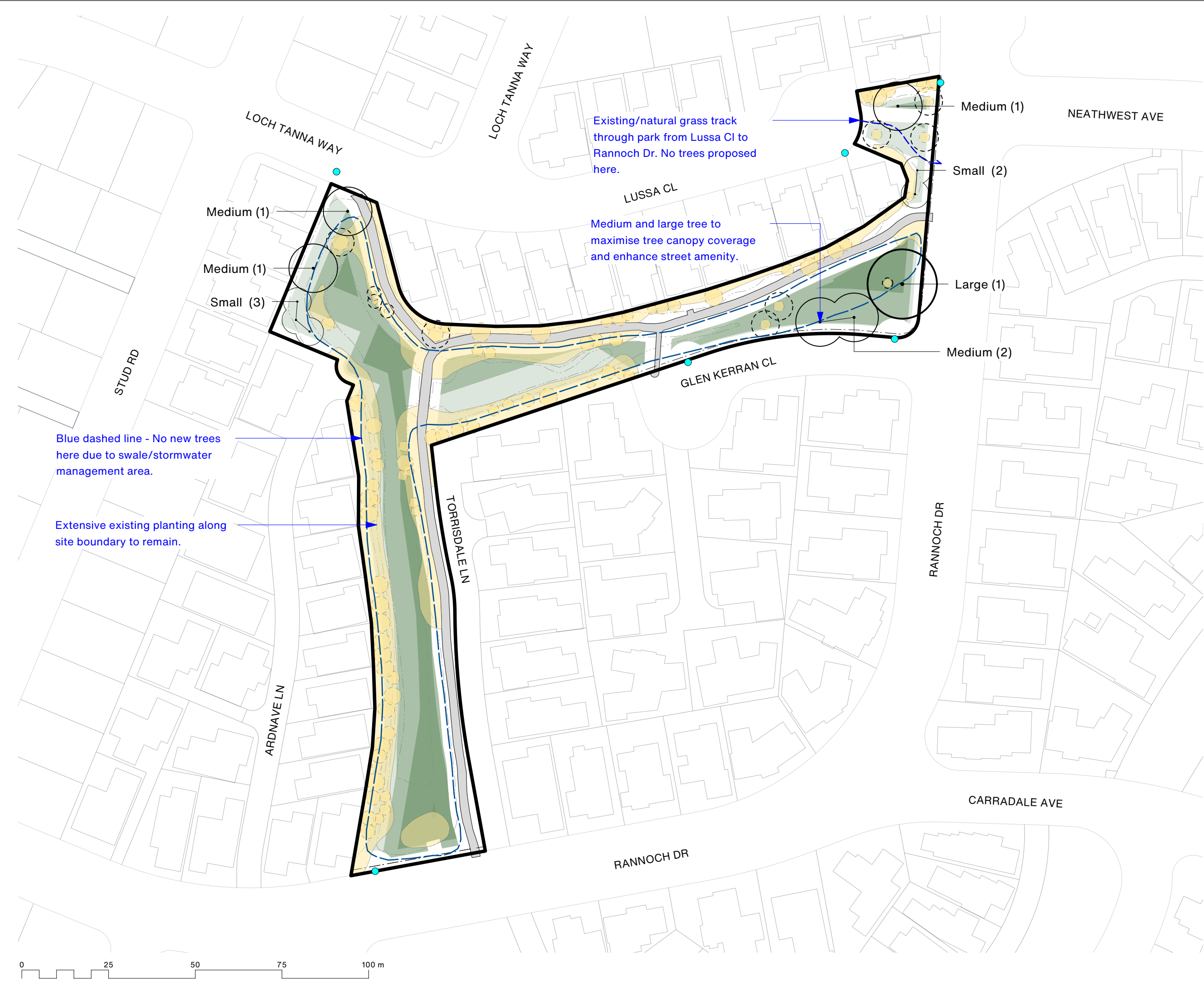
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PLANT SCHEDULE - GLEN KERRAN DRAINAGE RESERVE			
ID	Qty	Tree Category	Tree Height
TREE HEIGHT 5-10M			
Small	5	Small Tree	5-10m Height
TREE HEIGHT 11-15M			
Medium	5	Medium Tree	11-15m Height
TREE HEIGHT 16-20M			
Large	1	Large Tree	16-20m Height

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Park Canopy Cover Summary		
Existing number of trees		87
Existing canopy cover	approx.	14%
Proposed number of new trees		11
Proposed net canopy cover(existing vegetation and proposed)	approx.	26%





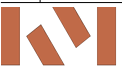
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SHEET TITLE		
Tree Planting Plan - Design Intent		
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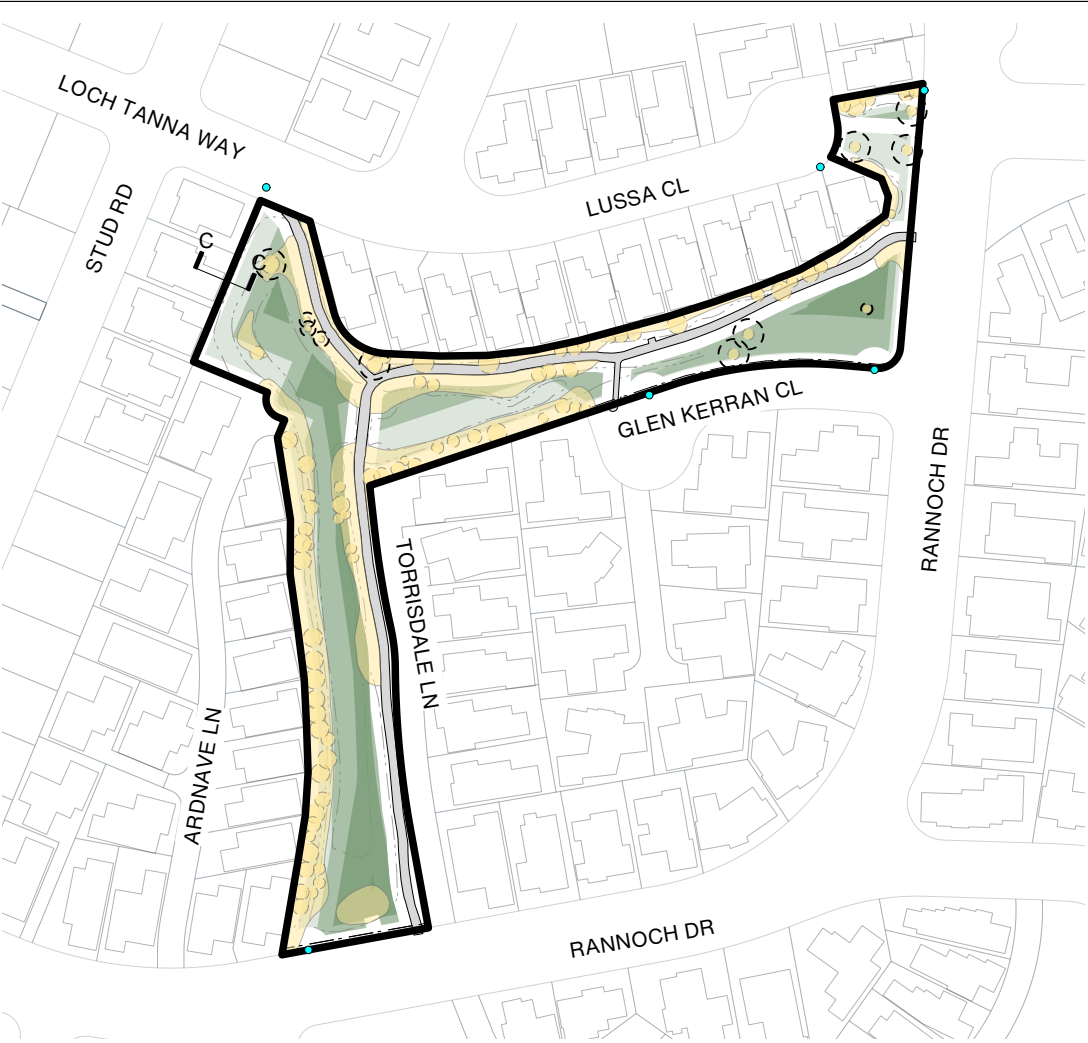
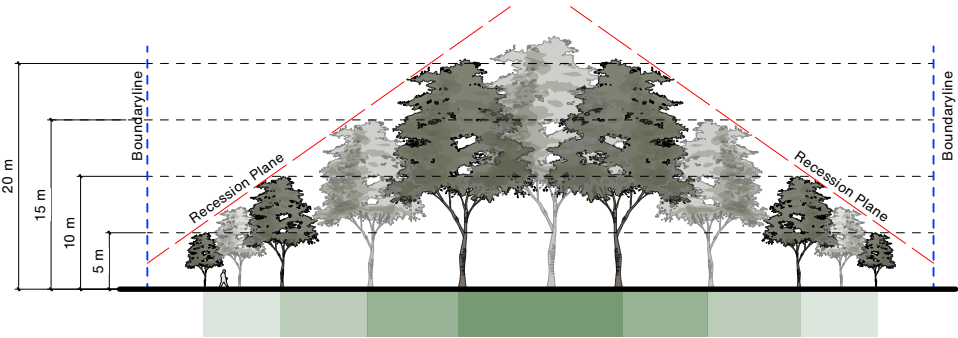
Guideline Summary

- 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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