SOMERFIELD PARK

Urban Forest Planting Study

53 Studholme Street, Somerfield, Christchurch 8024

DATE 28/10/2026
REF NO. 5681
REVISION C

ISSUE
PRELIMINARY

PREPARED BY

Kamo Marsh
LANDSCAPE ARCHITECTS

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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





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

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

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SHEET TITLE

Existing Planting

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SHEET TITLE

Tree Planting Zones

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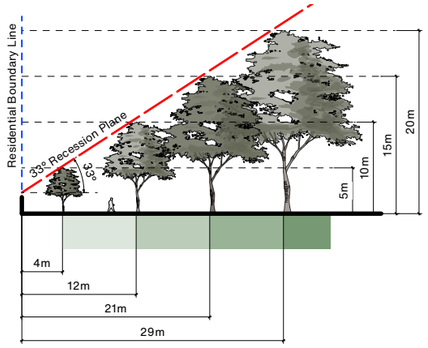
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SHEET NO. 0002 REVISION C

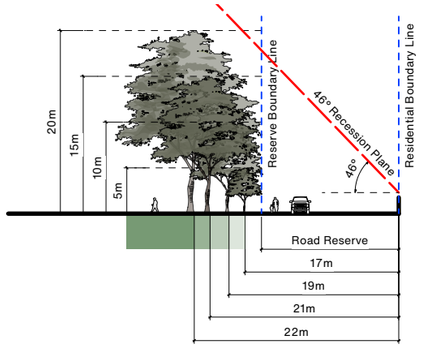


Location Plan @ 1:3000

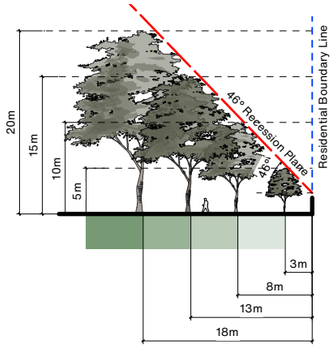
INDICATIVE CROSS SECTION THROUGH THE BOUNDARIES



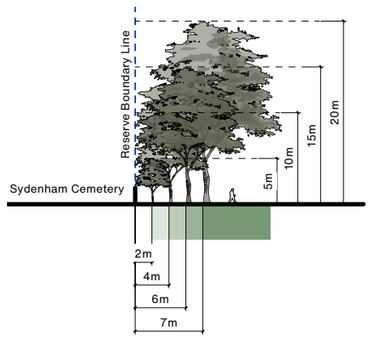
Cross Section A-A



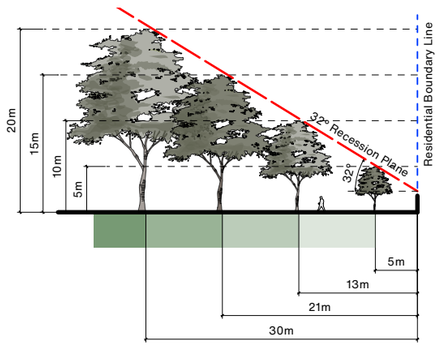
Cross Section B-B



Cross Section C-C



Cross Section D-D



Cross Section E-E

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SHEET TITLE

Tree Planting Zones - Lot Boundary Cross Sections

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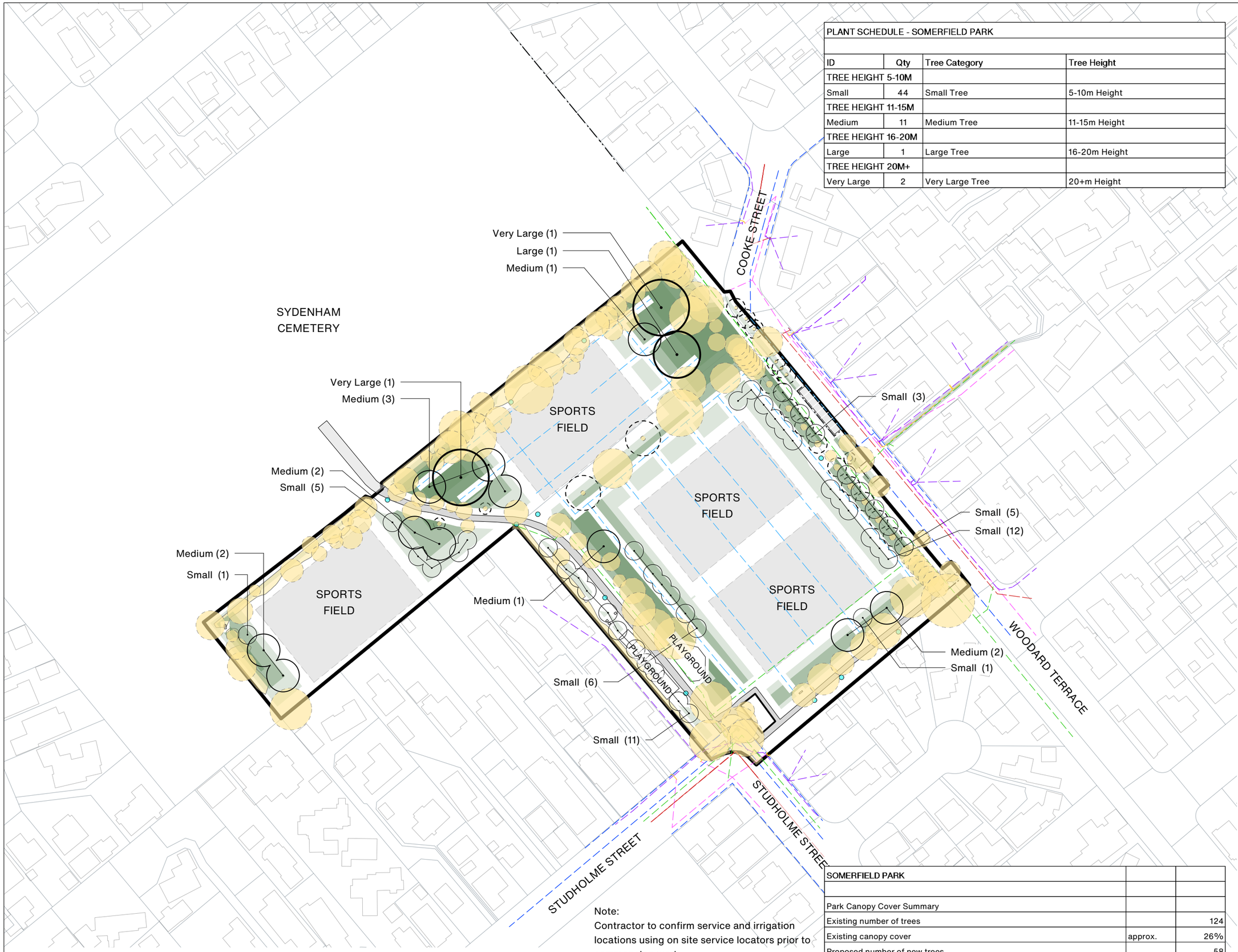
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SHEET NO. **0003** REVISION **C**

PLANT SCHEDULE - SOMERFIELD PARK			
ID	Qty	Tree Category	Tree Height
TREE HEIGHT 5-10M			
Small	44	Small Tree	5-10m Height
TREE HEIGHT 11-15M			
Medium	11	Medium Tree	11-15m Height
TREE HEIGHT 16-20M			
Large	1	Large Tree	16-20m Height
TREE HEIGHT 20M+			
Very Large	2	Very Large Tree	20+m Height



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

0 25 50 75 100 m

SOMERFIELD PARK		
Park Canopy Cover Summary		
Existing number of trees		124
Existing canopy cover	approx.	26%
Proposed number of new trees		58
Proposed net canopy cover(existing vegetation and proposed)	approx.	40%

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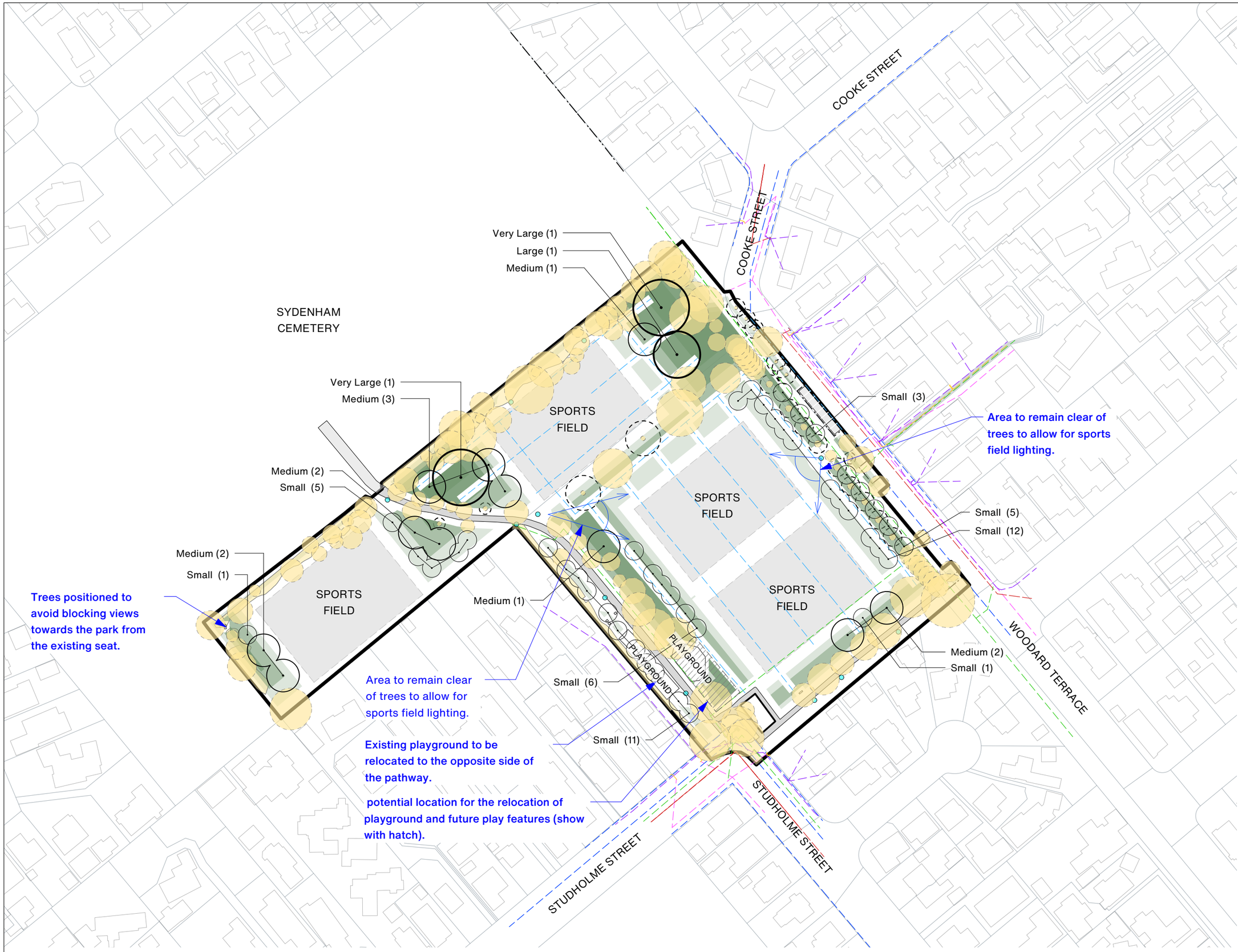
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SHEET TITLE
Tree Planting Plan

ISSUE
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Tree Planting Plan - Comments

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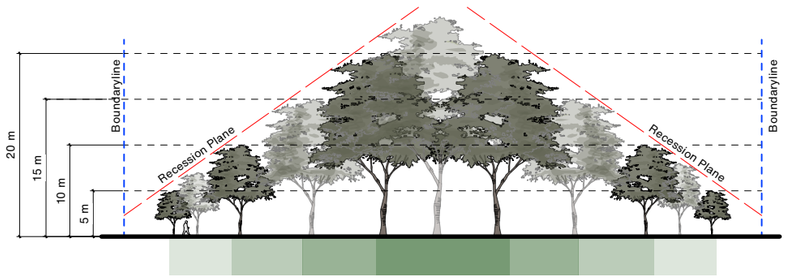
Guideline Summary

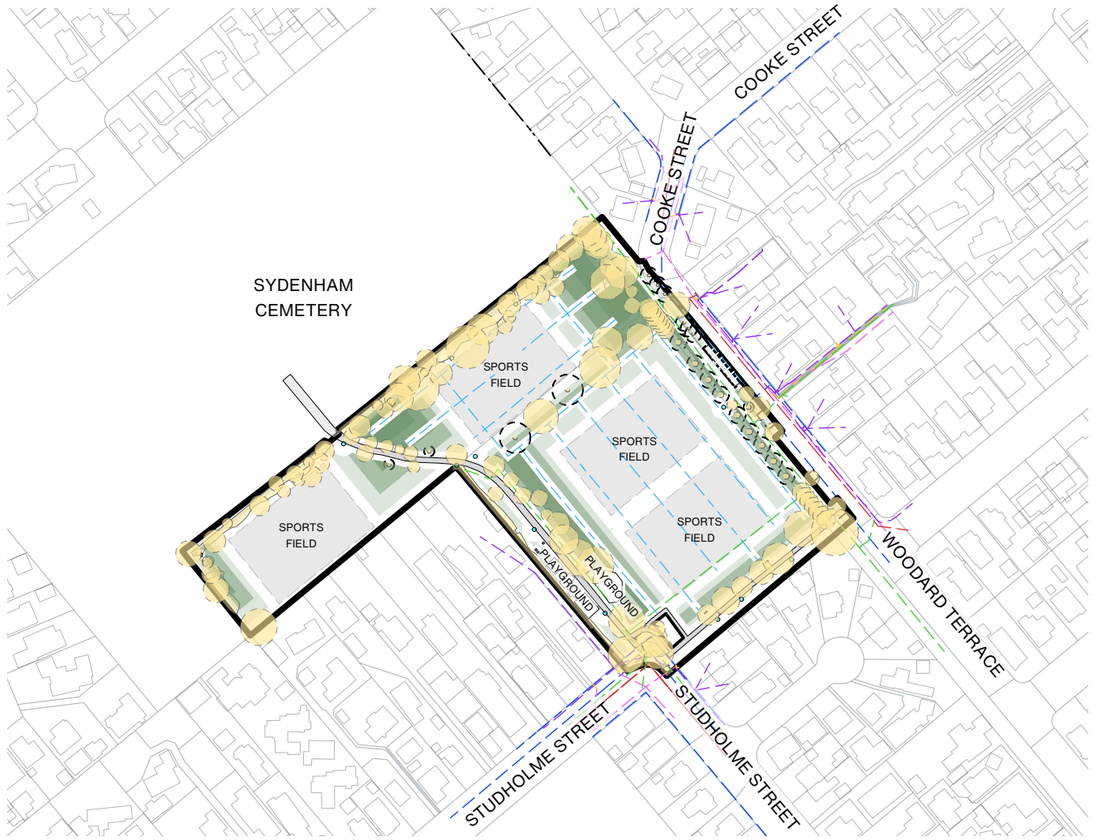
- Tree planting to Special Character Parks will continue the established theme.
- Trees will be positioned appropriately to allow for debris management.
- Tree species shall be well suited to the local conditions.
- Planting along waterways will be predominantly native species.
- CCC will aim for 40-60%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