

CORNELIUS O'CONNOR RESERVE

Urban Forest Planting Study

66-70 Harman Street, Addington, Christchurch 8024

DATE 6/10/2025
REF NO. 5586
REVISION A

ISSUE
PRELIMINARY

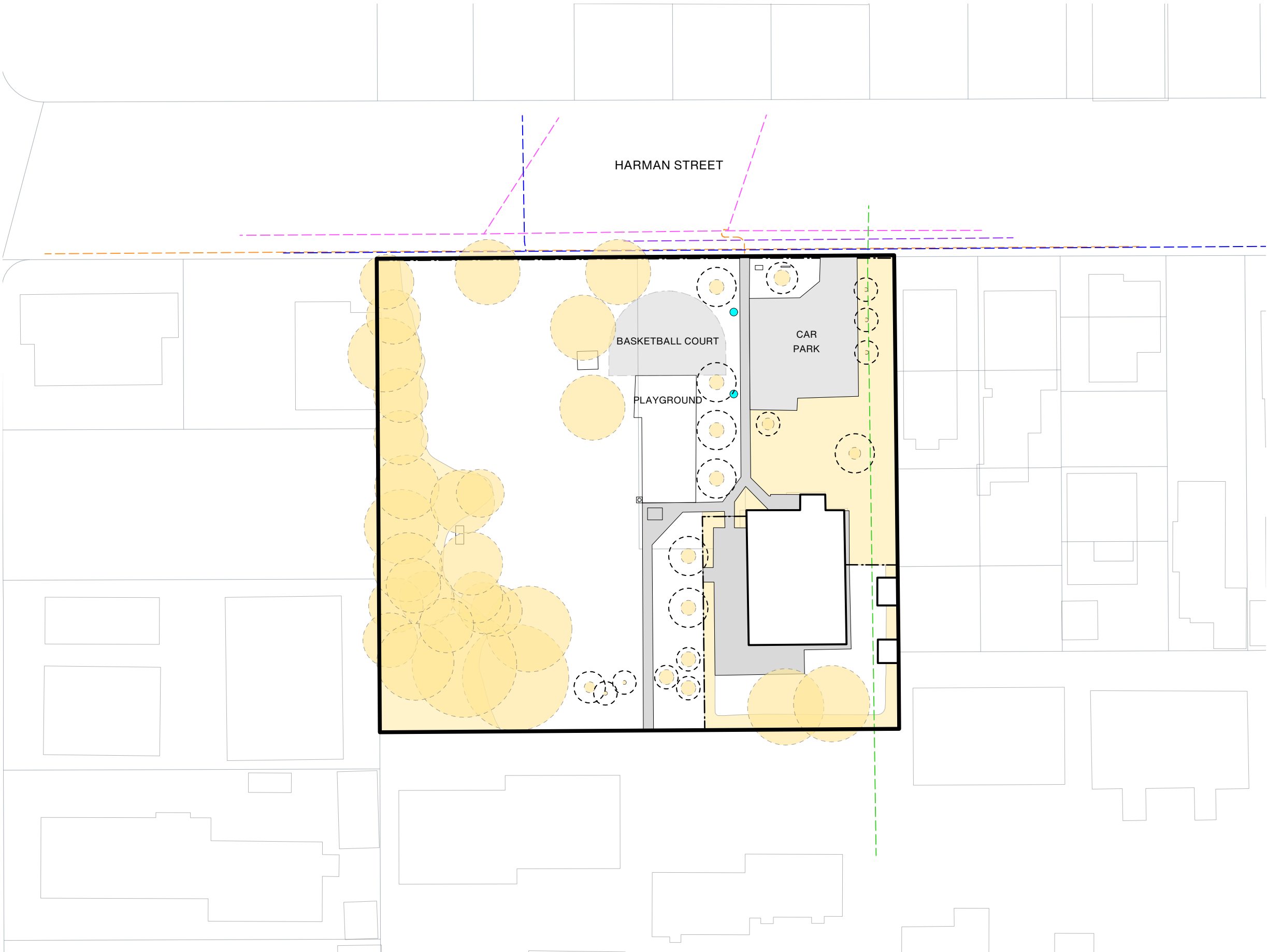
PREPARED BY

LANDSCAPE ARCHITECTS

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

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

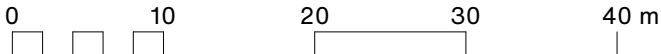
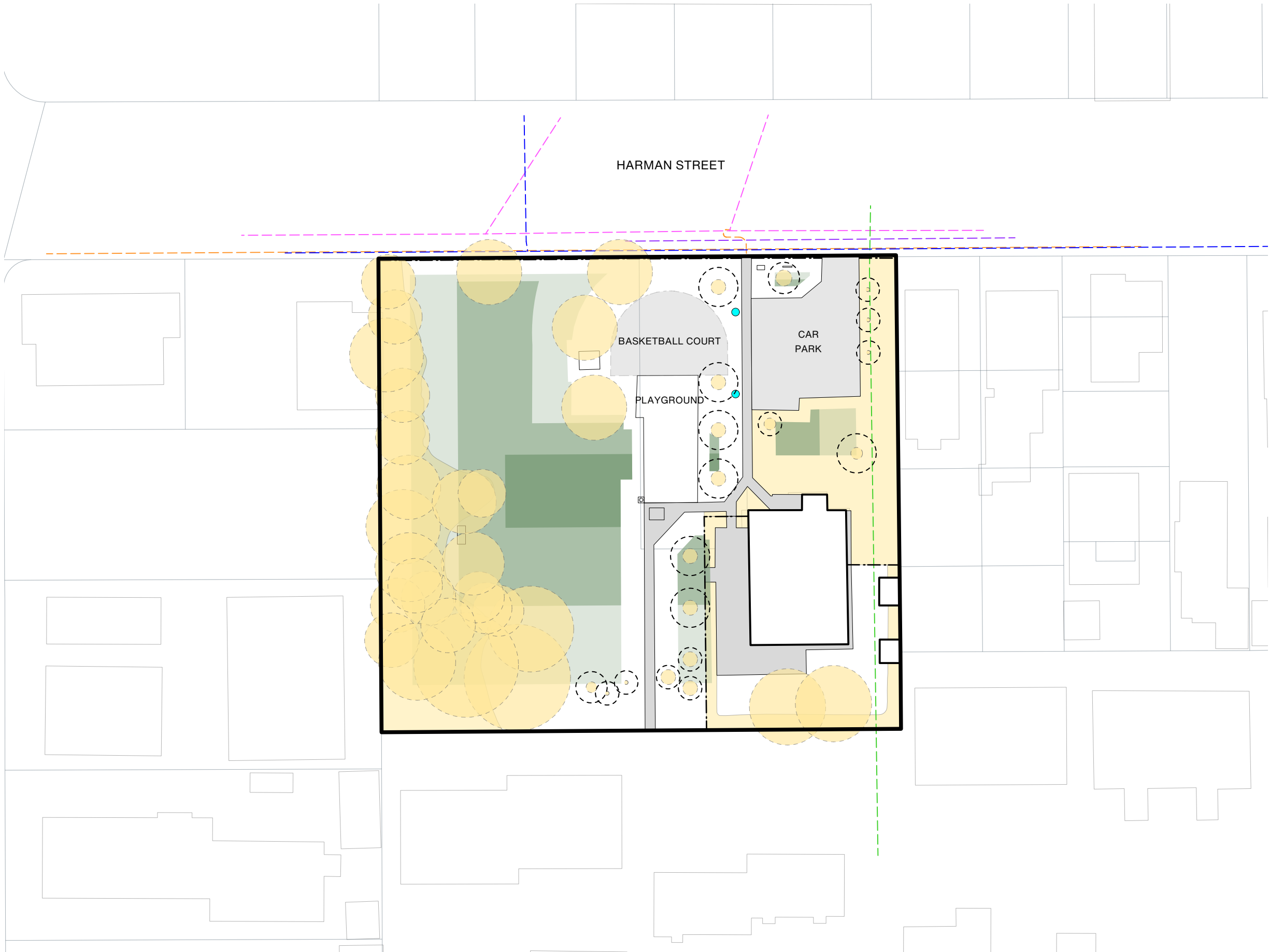
- Existing Services
- Stormwater
 - Water supply
 - Power (11KV)
 - Power (Overhead line)
 - Enable Fibre
 - Light

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SHEET TITLE
Existing Planting

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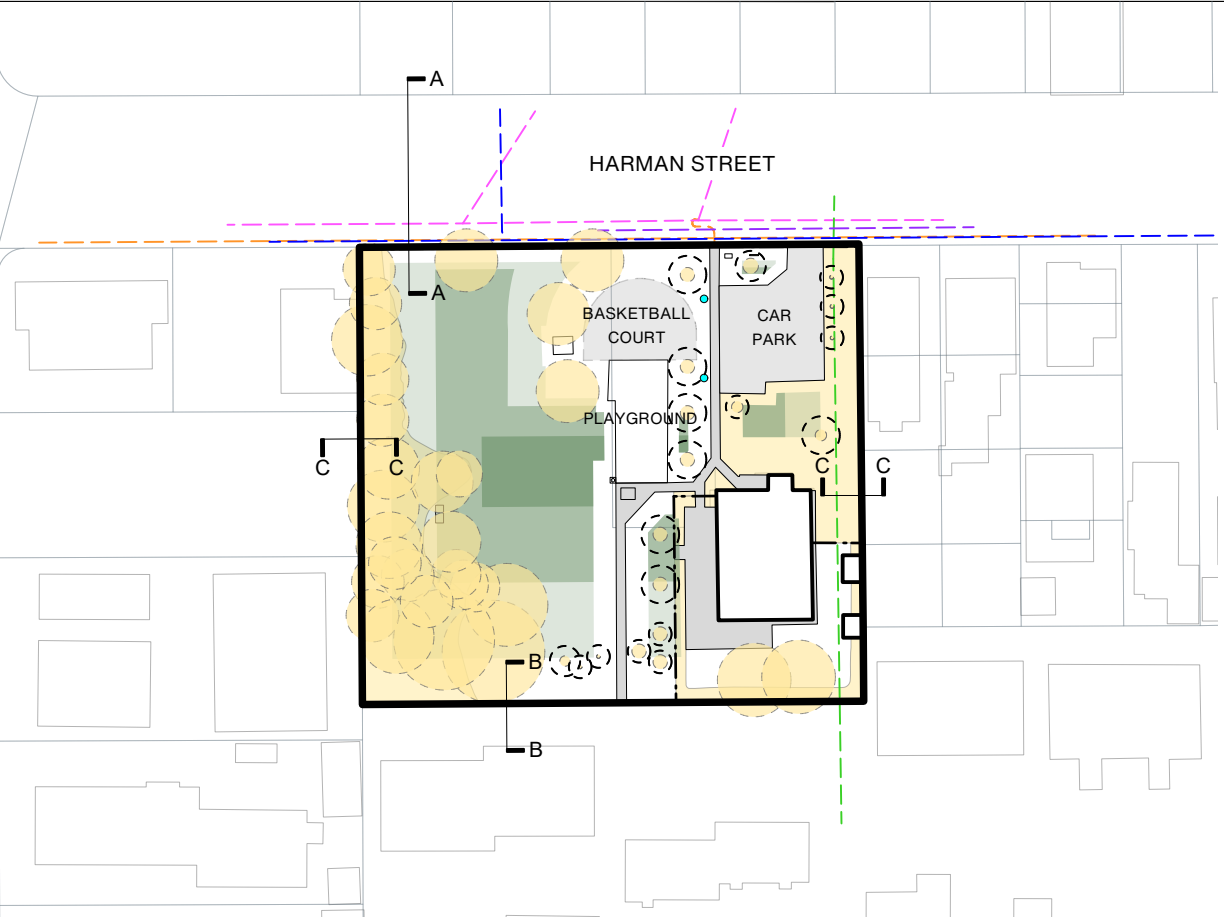
- Potential Tree Planting Areas
- 5m - 10m
Trees Height Zone
 - 10m - 15m
Trees Height Zone
 - 15m - 20m
Trees Height Zone

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SHEET TITLE
Tree Planting Zones

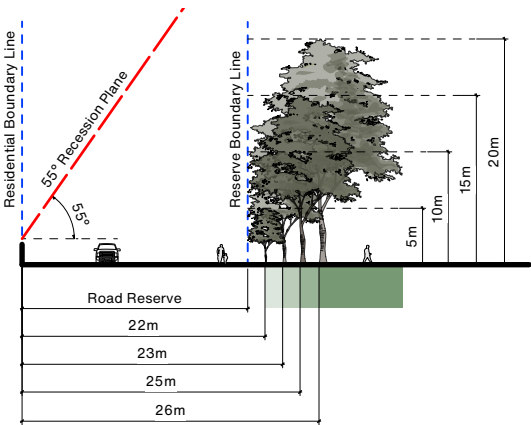
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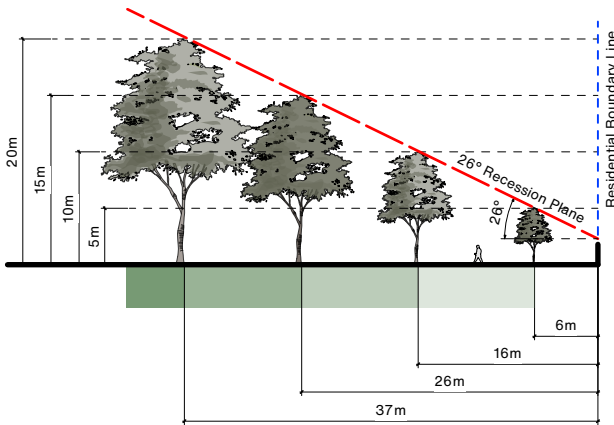


Location Plan @ 1:1000

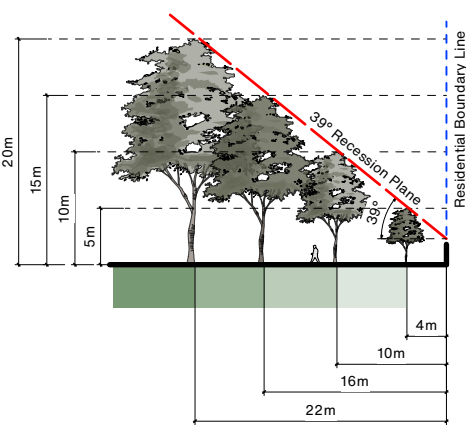
INDICATIVE CROSS SECTION THROUGH THE BOUNDARIES



Cross Section A-A



Cross Section B-B



Cross Section C-C

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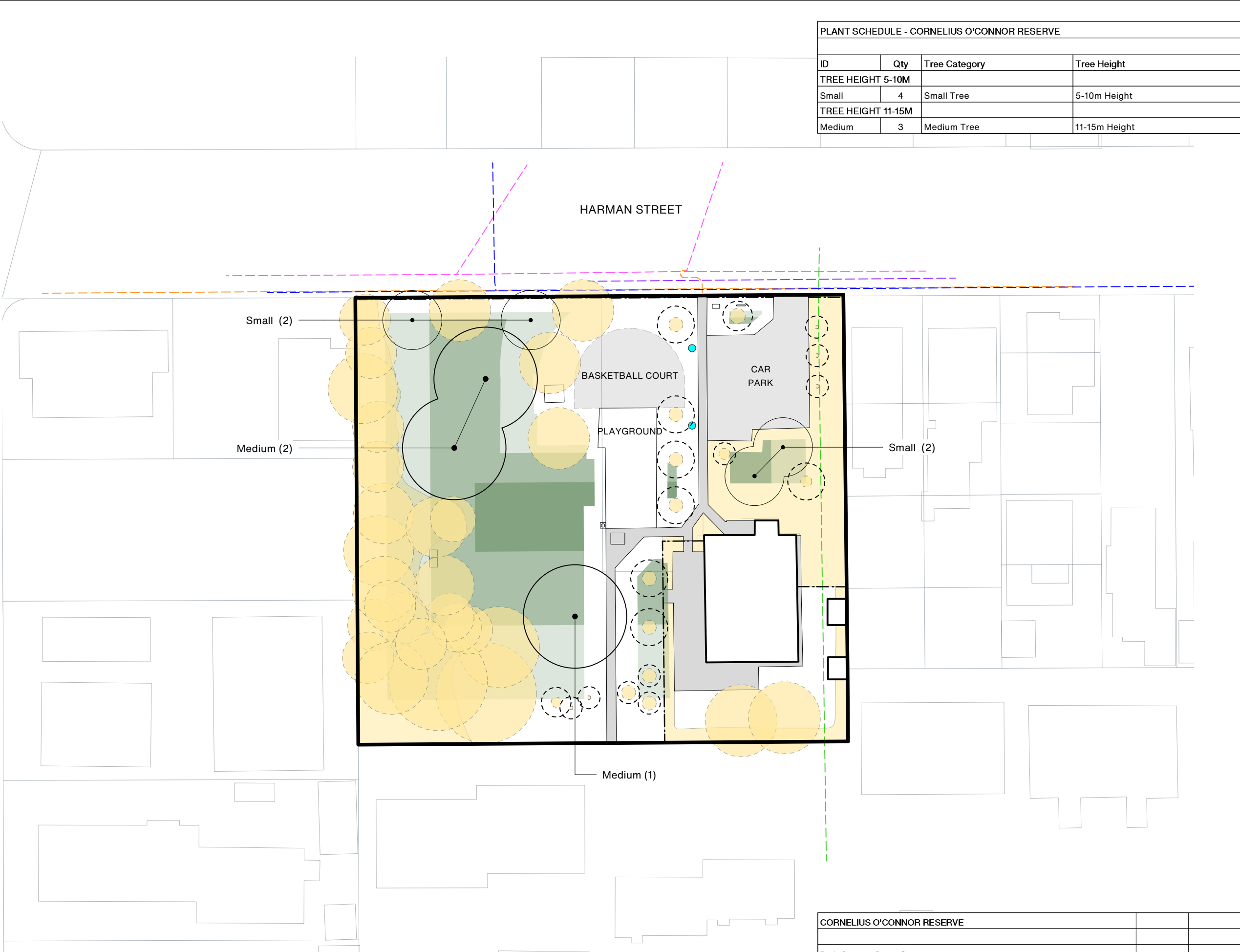
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Tree Planting Zones - Lot Boundary Cross Sections		
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PLANT SCHEDULE - CORNELIUS O'CONNOR RESERVE			
ID	Qty	Tree Category	Tree Height
TREE HEIGHT 5-10M			
Small	4	Small Tree	5-10m Height
TREE HEIGHT 11-15M			
Medium	3	Medium Tree	11-15m Height

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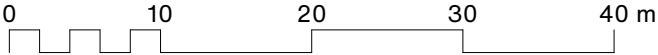
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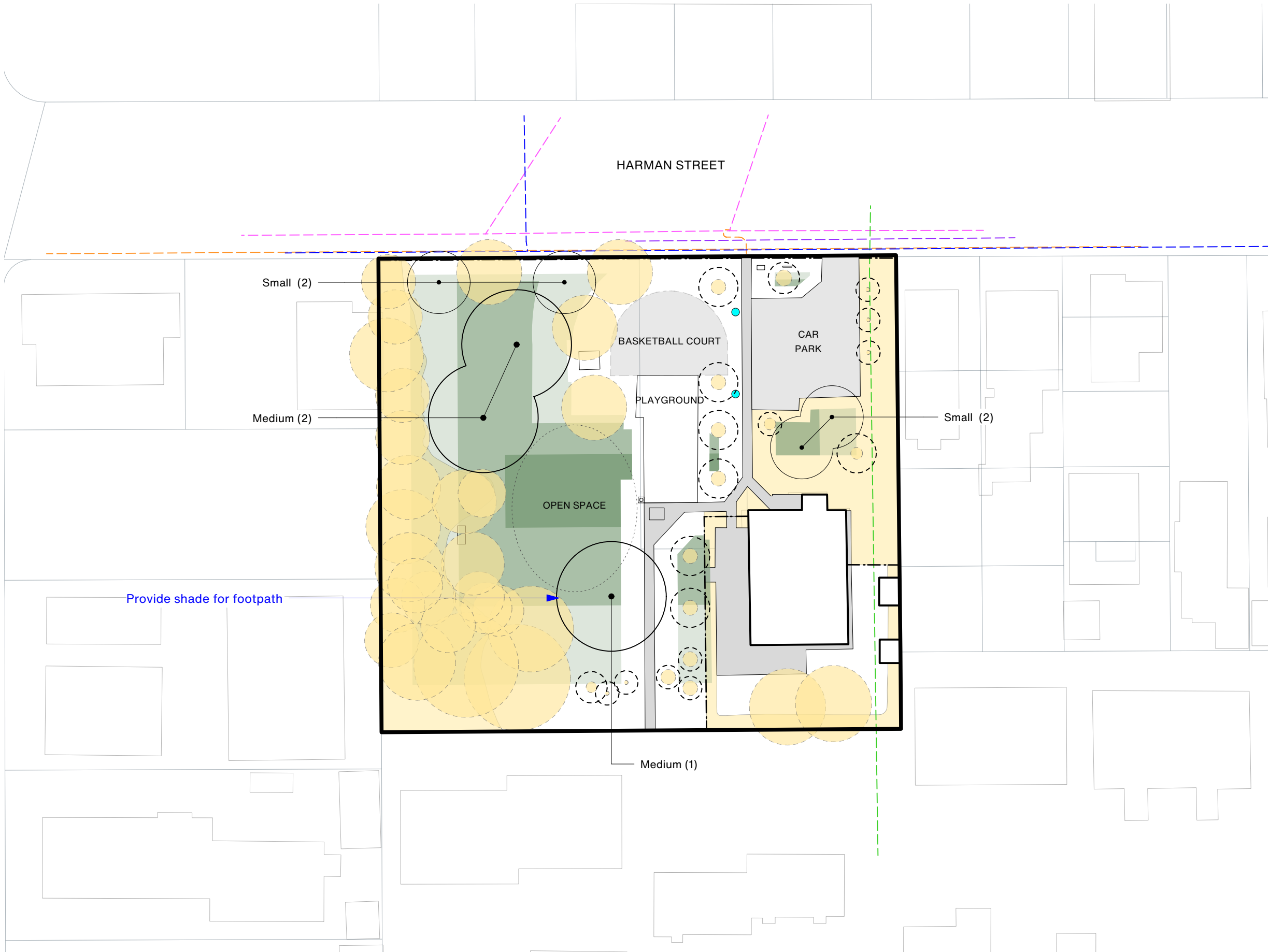
Tree Planting Plan

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

CORNELIUS O'CONNOR RESERVE		
Park Canopy Cover Summary		
Existing number of trees		48
Existing canopy cover	approx.	32%
Proposed number of new trees		7
Proposed net canopy cover(existing vegetation and proposed)	approx.	46%



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SHEET TITLE		
Tree Planting Plan - Design Intent		
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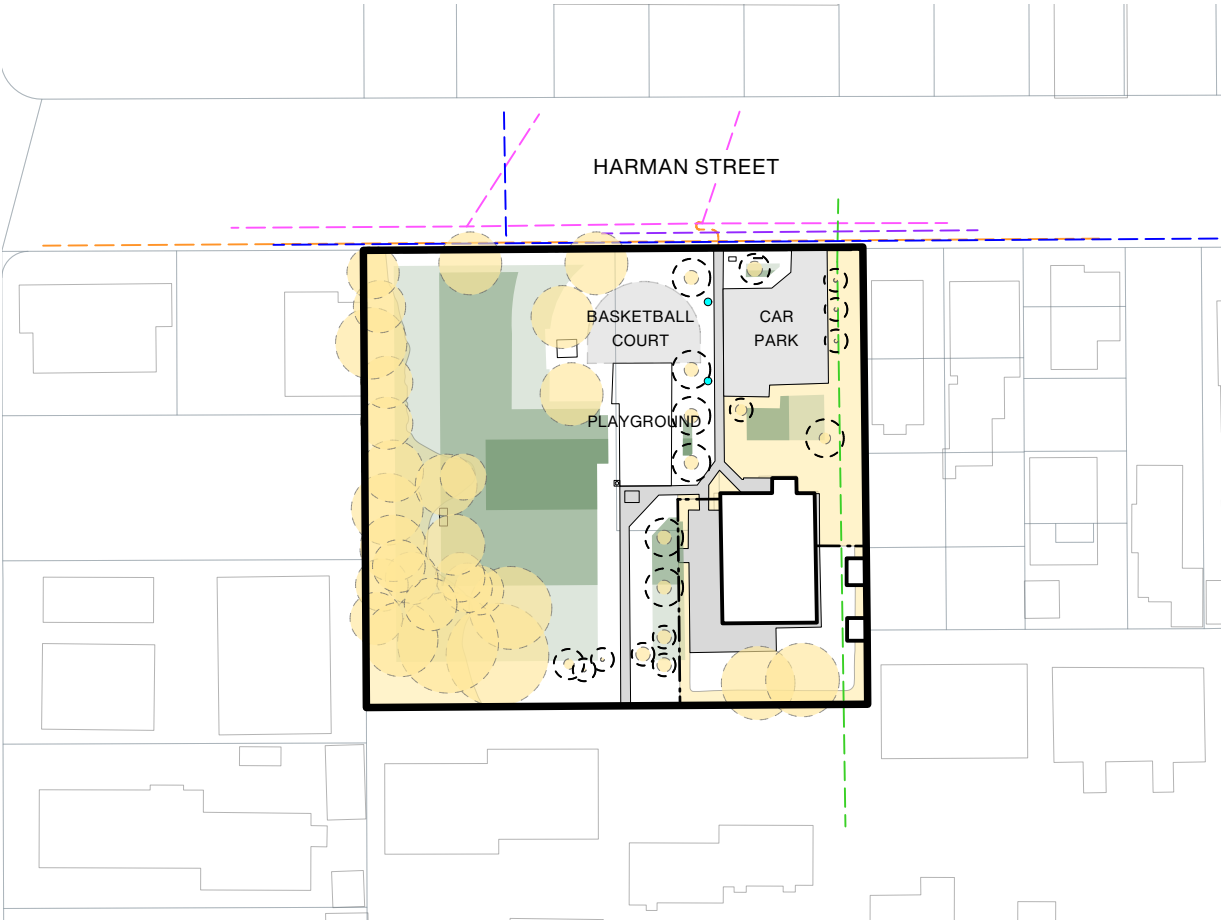
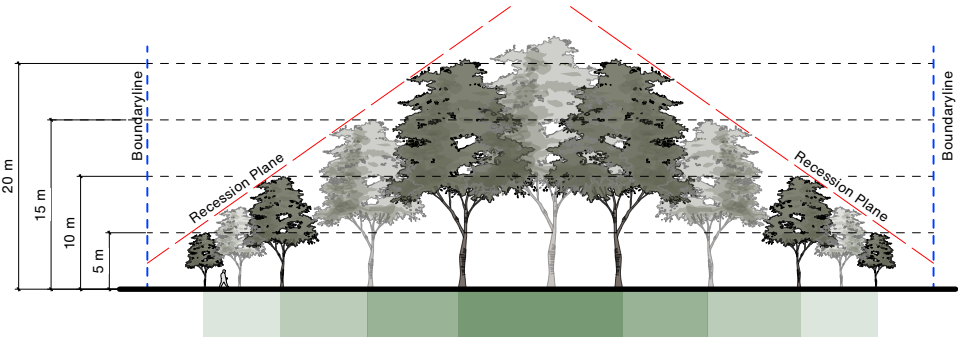
Guideline Summary

- 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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