

PROJECT NAME

CUTLER PARK

ADDRESS

55 Clydesdale Street, Woolston, Christchurch

CLIENT

Christchurch City Council

Community Park Tree Planting Plan

Issued date

30/05/2023



SHEET NO.	SHEET TITLE	SHEET SUBTITLE
P 00	CUTLER PARK	Community Park Tree Planting Plan
P 01	CUTLER PARK	Existing Planting
P 02	CUTLER PARK	Tree Planting Zones
P 03	CUTLER PARK	Tree Planting Zones - Lot Boundary Cross Sections
P 04	CUTLER PARK	Shade Study - Winter Solstice - 8 am
P 05	CUTLER PARK	Shade Study - Winter Solstice - 10 am
P 06	CUTLER PARK	Shade Study - Winter Solstice - 12 noon
P 07	CUTLER PARK	Shade Study - Winter Solstice - 2 pm
P 08	CUTLER PARK	Shade Study - Winter Solstice - 4 pm
P 09	CUTLER PARK	Shade Study - Winter Solstice - 6 pm
P 10	CUTLER PARK	Tree Planting Plan
P 11	CUTLER PARK	Tree Planting Guidelines



PREPARED BY



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5323



CUTLER PARK




Community Park Tree Planting

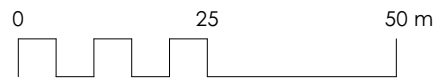
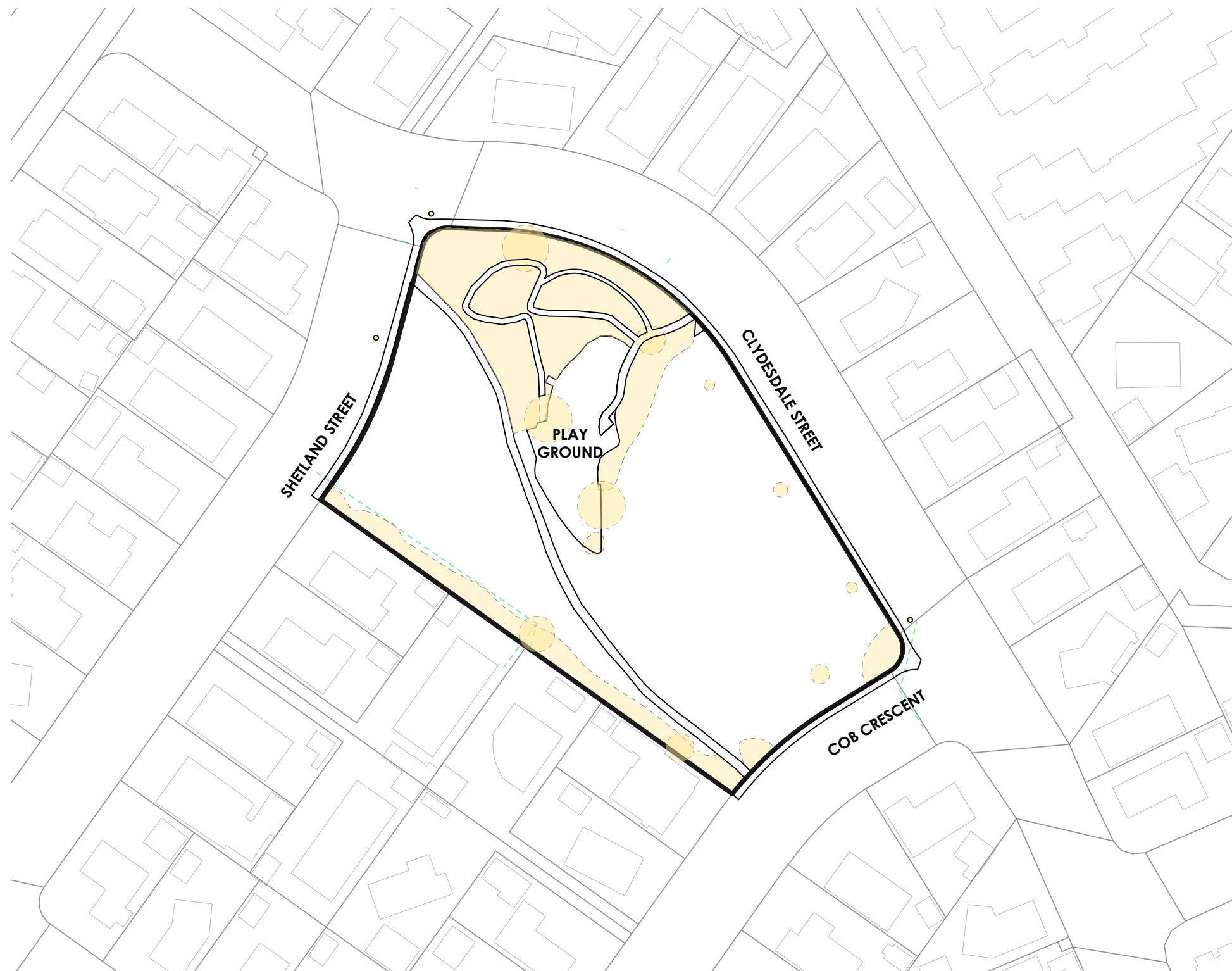
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CUTLER PARK
Existing Planting

LEGEND

-  Existing Tree/
Vegetation
- Existing Services
-  Stormwater
-  Existing Street Light



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CUTLER PARK

Community Park Tree Planting

ADDRESS
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CUTLER PARK
Tree Planting Zones

LEGEND


 Existing Tree/
Vegetation


Existing Services


 Stormwater


 Existing Street Light

Potential Tree Planting Areas

 5m - 10m
Trees Height Zone

 10m - 20m
Trees Height Zone

 20m+
Trees Height Zone

 Potential Open
Space area



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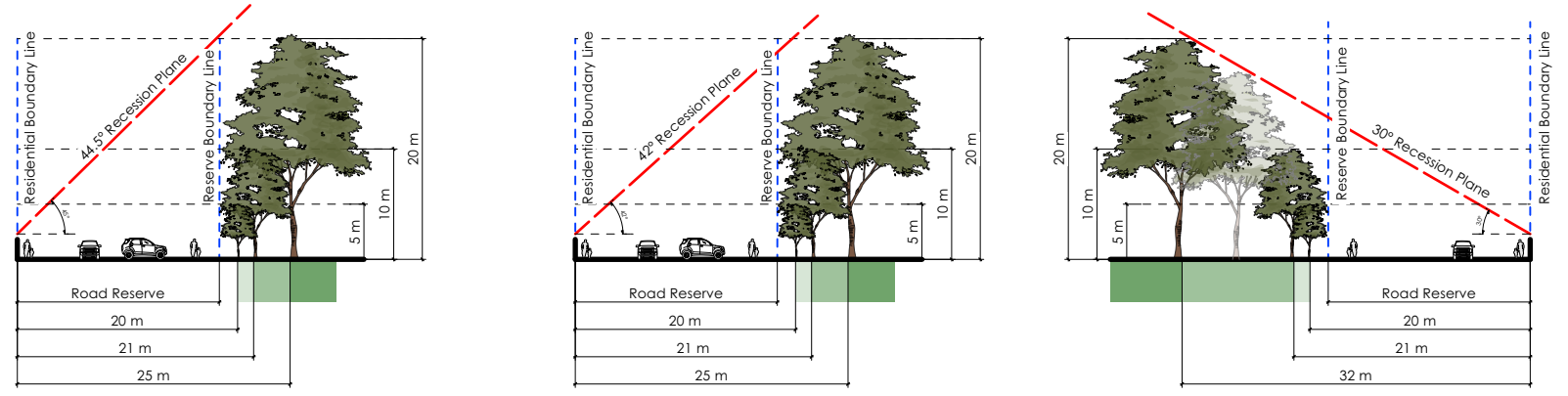


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 Community Park Tree Planting
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CUTLER PARK
 Tree Planting Zones
 Lot Boundary Cross Sections

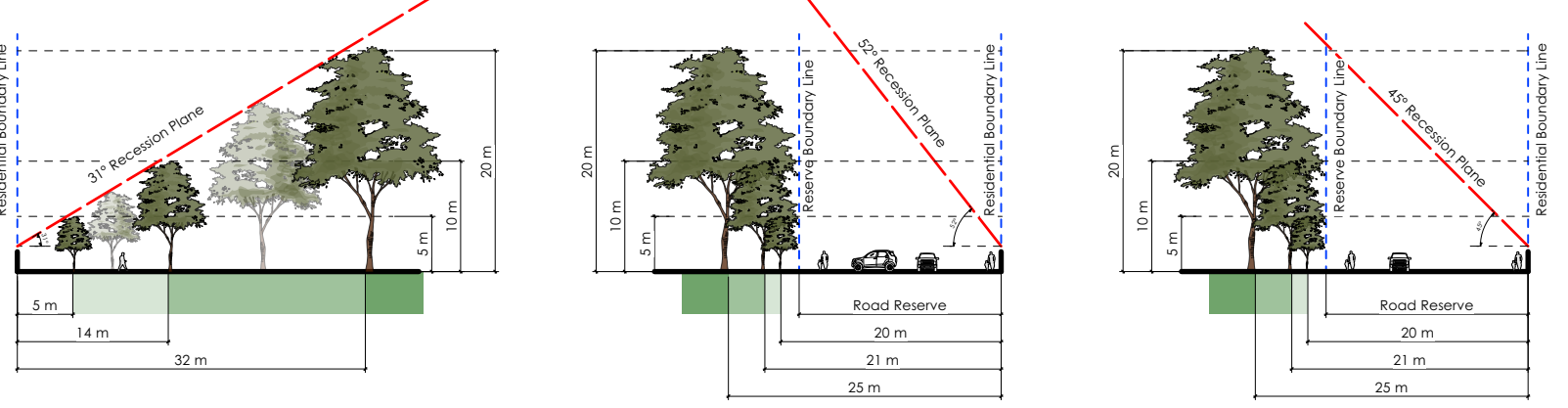


- LEGEND**
- Existing Tree/Vegetation
 - Existing Services
 - Stormwater
 - Existing Street Light
- Potential Tree Planting Areas
- 5m - 10m Trees Height Zone
 - 10m - 20m Trees Height Zone
 - 20m+ Trees Height Zone
 - Potential Open Space area

INDICATIVE CROSS SECTION THROUGH THE BOUNDARIES



Cross Section A-A **Cross Section B-B** **Cross Section C-C**



Cross Section F-F **Cross Section D-D** **Cross Section E-E**

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Winter Solstice

Date: 22nd June

8 am



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CUTLER PARK
Shade Study - Winter Solstice

8 am

Note:
Trees in the model are shown
at 5m, 10m, 20m height

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Winter Solstice

Date: 22nd June



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CUTLER PARK
Shade Study - Winter Solstice
10 am

10 am



Note:
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Winter Solstice

Date: 22nd June

12 noon



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Shade Study - Winter Solstice
12 noon



Note:
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Winter Solstice

Date: 22nd June



CUTLER PARK

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CUTLER PARK
Shade Study - Winter Solstice

2 pm

2 pm



Note:
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Winter Solstice

Date: 22nd June



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CUTLER PARK

Shade Study - Winter Solstice

4 pm

4 pm



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Winter Solstice

Date: 22nd June



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CUTLER PARK
Shade Study - Winter Solstice

6 pm

6 pm



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Community Park Tree Planting
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CUTLER PARK
Tree Planting Plan

PLANT SCHEDULE - CUTLER PARK

ID	Qty	Botanical Name	Common Name
TREE HEIGHT 5-10M			
Ac.fr.	8	Acer x freemanii	Freeman's Maple
Co.ro.	6	Coprosma robusta	Karamu
Gr.lu.	9	Griselinia lucida	Puka/Broadleaf
Ho.l.	4	Hoheria lyallii	Mountain Lacebark
Ol.p.	4	Olearia paniculata	Golden Akeake
Pr.y.	9	Prunus yedoensis	Flowering Cherry
Ps.f.	5	Pseudopanax ferox	Fierce Lancewood
TREE HEIGHT 11-15M			
Pl.r.	4	Plagianthus regius	Ribbonwood / Manatu
Qu.i.	3	Quercus ilex	Holm/Holly Oak
TREE HEIGHT 16-20M			
Al.c.	3	Alnus cordata	Italian Alder
Qu.pa.	3	Quercus palustris	Pin oak
So.m.	4	Sophora microphylla	Kowhai
TREE HEIGHT 20M+			
Gl.t.S.	1	Gleditsia triacanthos 'Shademaster'	Honey Locust
Li.st.	5	Liquidambar styraciflua	Sweet Gum
Po.t.	4	Podocarpus totara	Totara

LEGEND

- Existing Tree/ Vegetation
- Existing Services
 - Stormwater
 - Existing Street Light
- Potential Tree Planting Areas
 - 5m - 10m Trees Height Zone
 - 10m - 20m Trees Height Zone
 - 20m+ Trees Height Zone
 - Potential Open Space area



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

DRAFT

CUTLER PARK		
Park Canopy Cover Summary		
Existing number of trees		10
Existing canopy cover	approx.	27%
Proposed number of new trees		72
Proposed net canopy cover (existing vegetation and proposed)	approx.	70%

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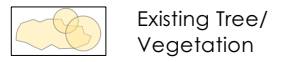
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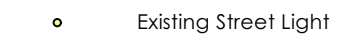
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CUTLER PARK
Tree Planting Guidelines

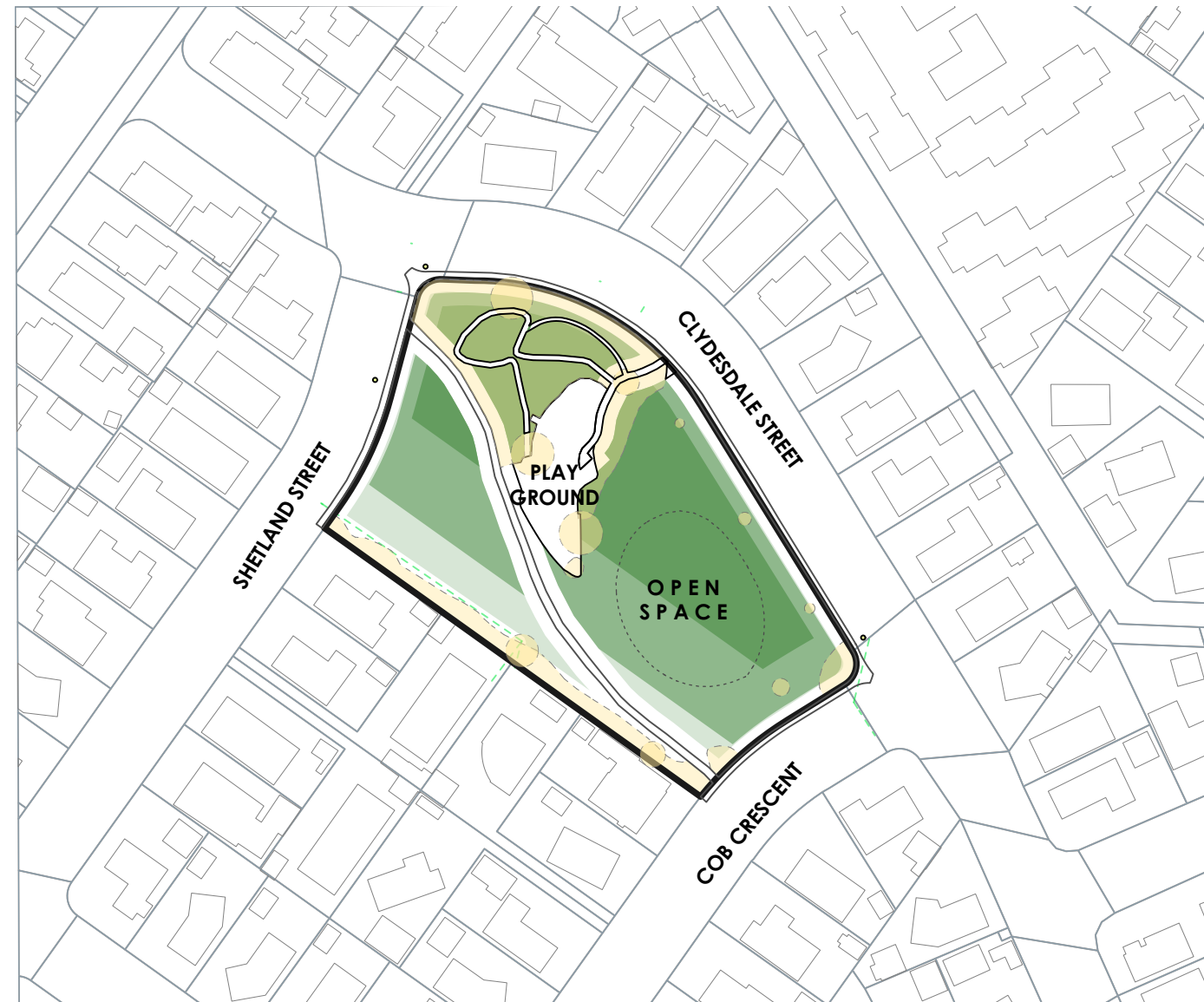
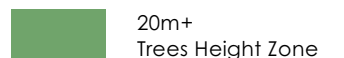
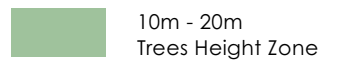
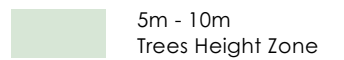
LEGEND



Existing Services



Potential Tree Planting Areas



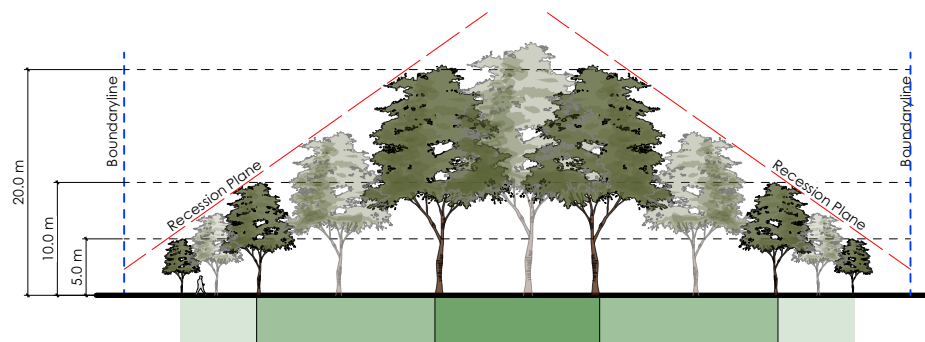
Guideline Summary

- 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. 2m offset for low voltage power
- Min. 3m offset for 11kv power
- Min. 5m offset for 33-66kv
- Min. 1m offset for all other services and hard paving not mentioned above.

Typical tree planting pattern



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