

PROJECT NAME

LASSITER RESERVE

ADDRESS

6 Lassiter Green, Northwood, Christchurch 8051

CLIENT

Christchurch City Council

COMMUNITY PARK TREE PLANTING STUDY

Issued date

29/08/2025

SHEET NO.	SHEET TITLE
P 00	Community Park Tree Planting Study
P 01	Existing Planting
P 02	Tree Planting Zones
P 03	Tree Planting Zones - Lot Boundary Cross Sections
P 04	Tree Planting Plan
P 05	Tree Planting Plan - comments
P 06	Tree Planting Guidelines



PREPARED BY



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REFERENCE NO.

5586



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Community Park Tree Planting

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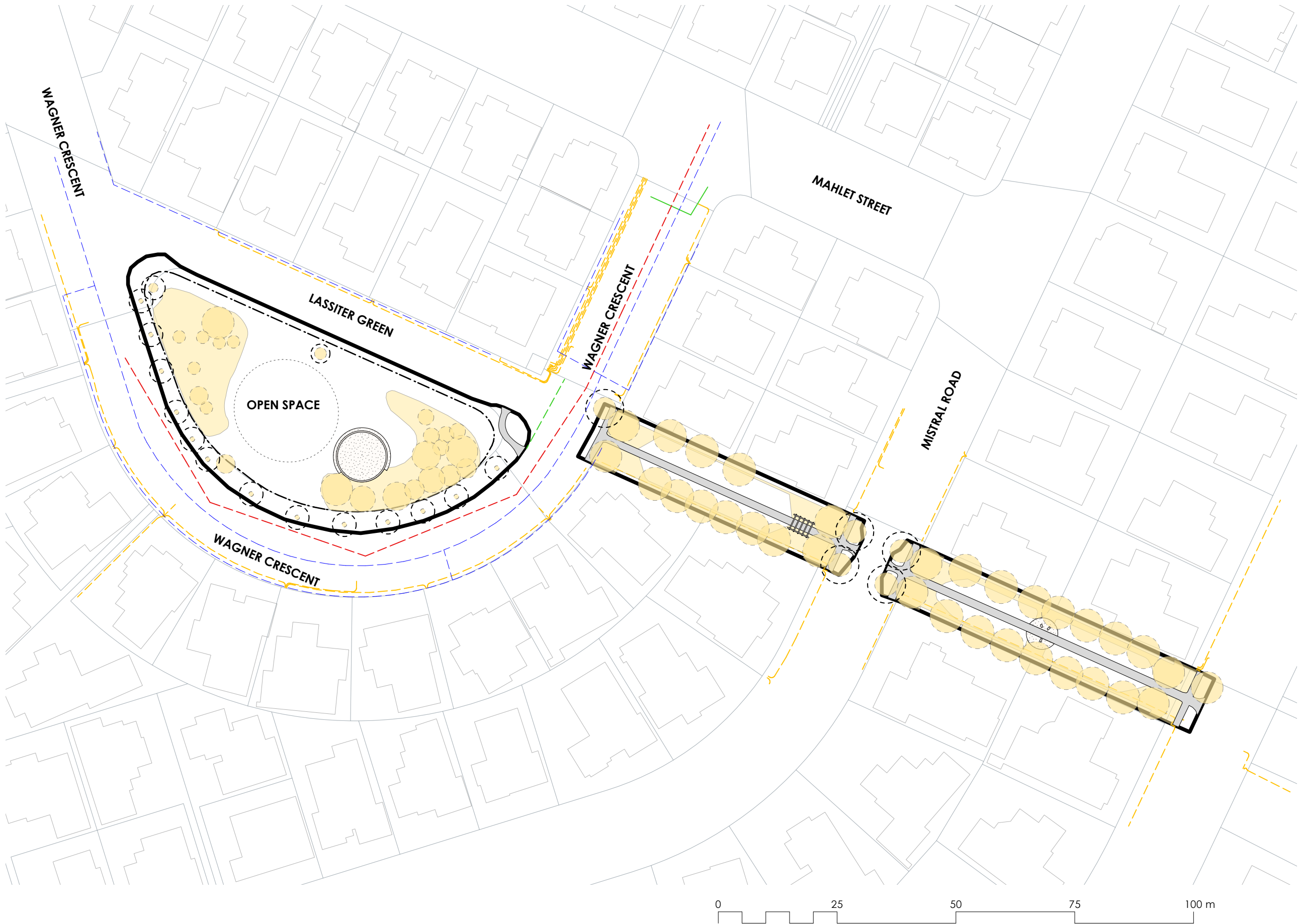
Existing Planting

LEGEND

-  Existing Tree/
Vegetation
-  Existing post and
cable fence
-  Existing Tree -
predicted mature
canopy

Existing Services

-  Stormwater
-  Water supply
-  Wastewater
-  Power (LV)



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PAGE
REVISION
A

P 01



LASSITER RESERVE

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Tree Planting Zones

- LEGEND
- Existing Tree/
Vegetation
 - Existing post and
cable fence
 - Existing Tree -
predicted mature
canopy

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

- 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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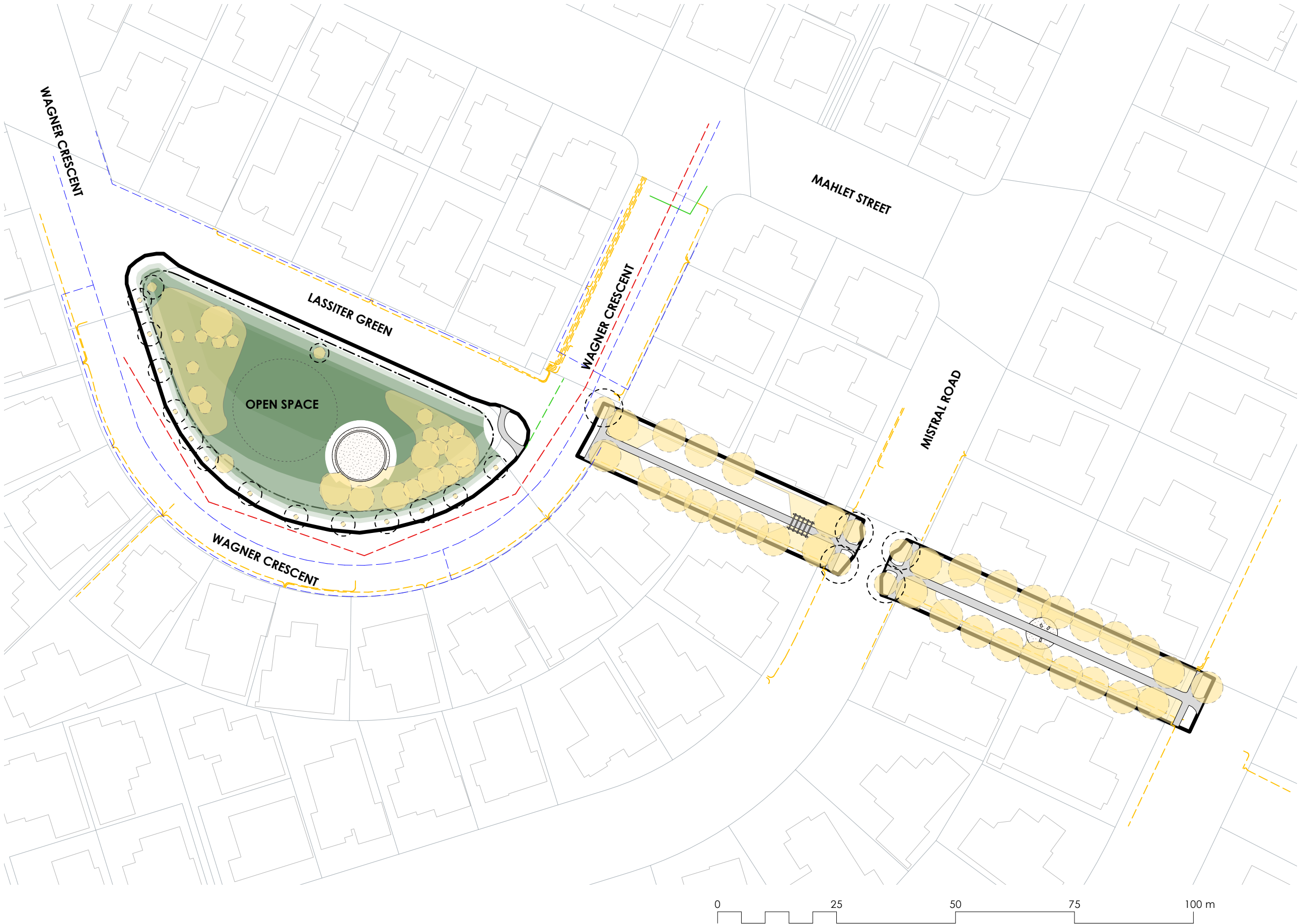
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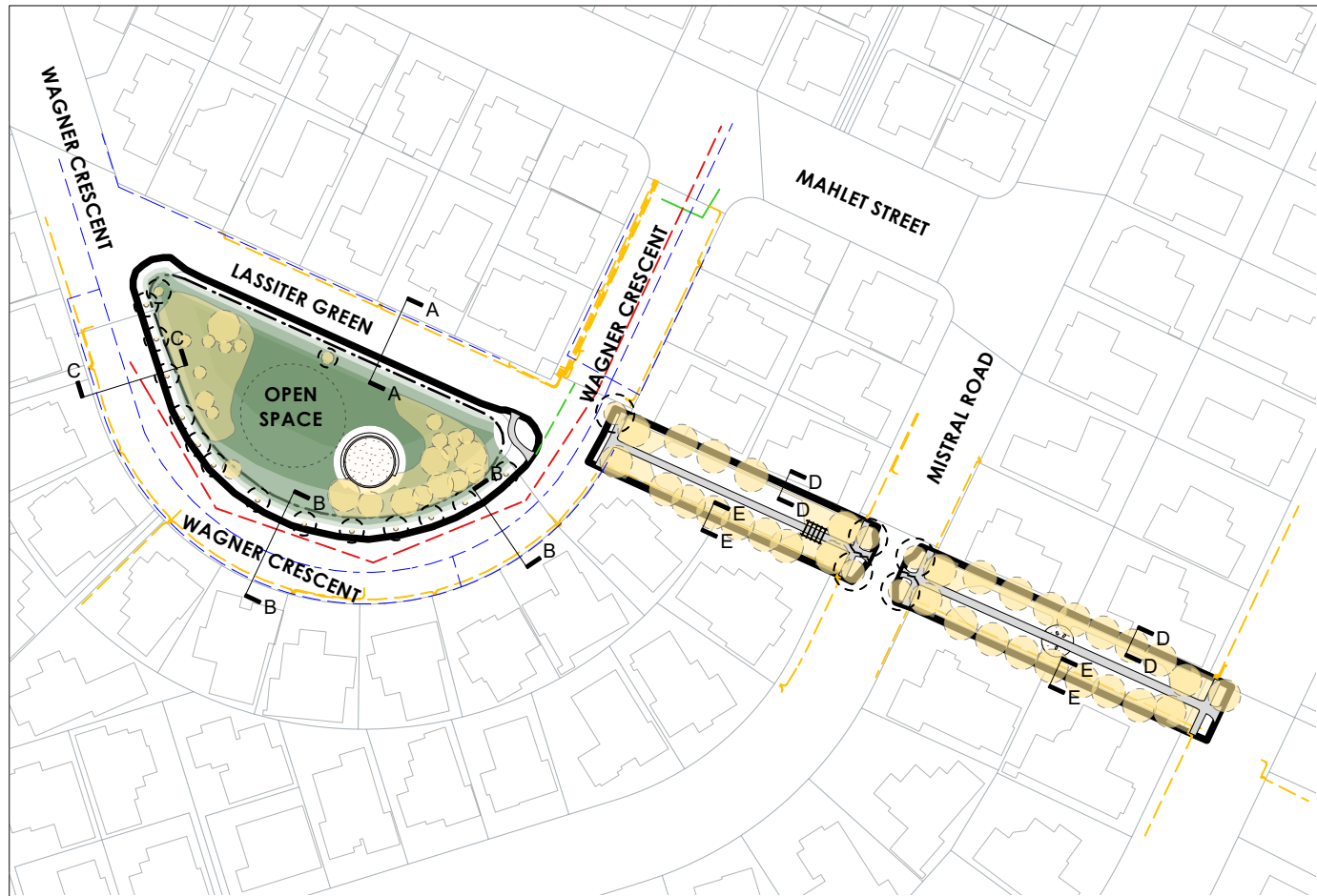
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PAGE
REVISION A

P 02





Location Plan @ 1:3000



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Tree Planting Zones - Lot Boundary Cross Sections

LEGEND

- Existing Tree/
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- Existing post and
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- Existing Tree -
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canopy

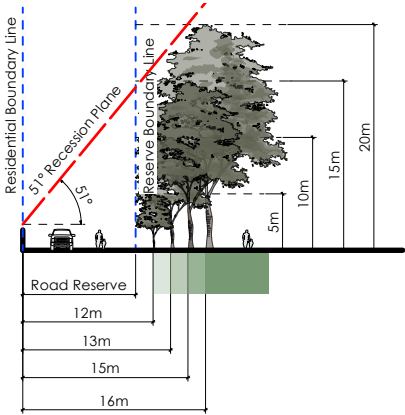
Existing Services

- Stormwater
- Water supply
- Wastewater
- Power (LV)

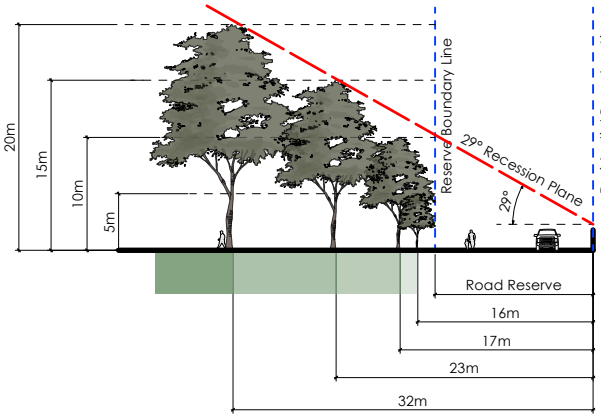
Potential Tree Planting Areas

- 5m - 10m
Trees Height Zone
- 10m - 15m
Trees Height Zone
- 15m - 20m
Trees Height Zone
- 20m+
Trees Height Zone

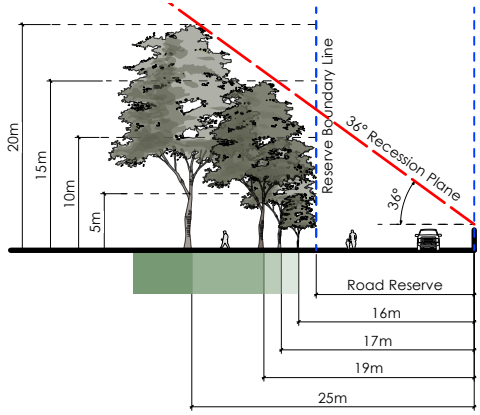
INDICATIVE CROSS SECTION THROUGH THE BOUNDARIES



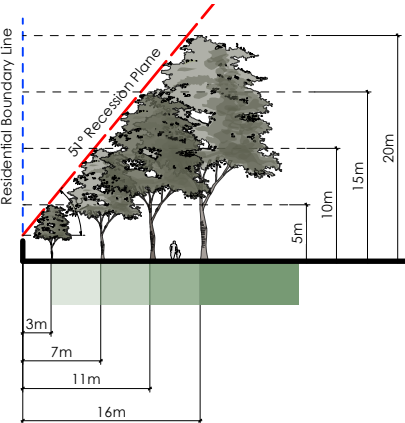
Cross Section A-A



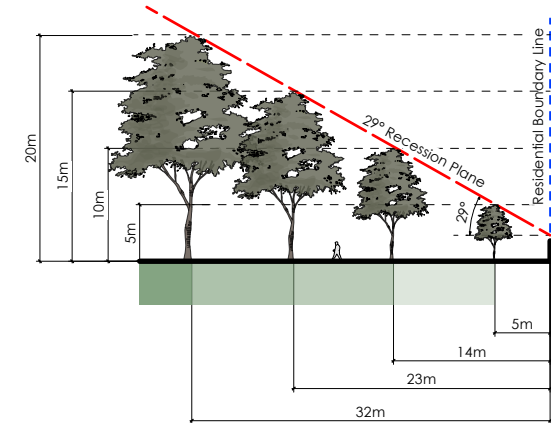
Cross Section B-B



Cross Section C-C



Cross Section D-D



Cross Section E-E

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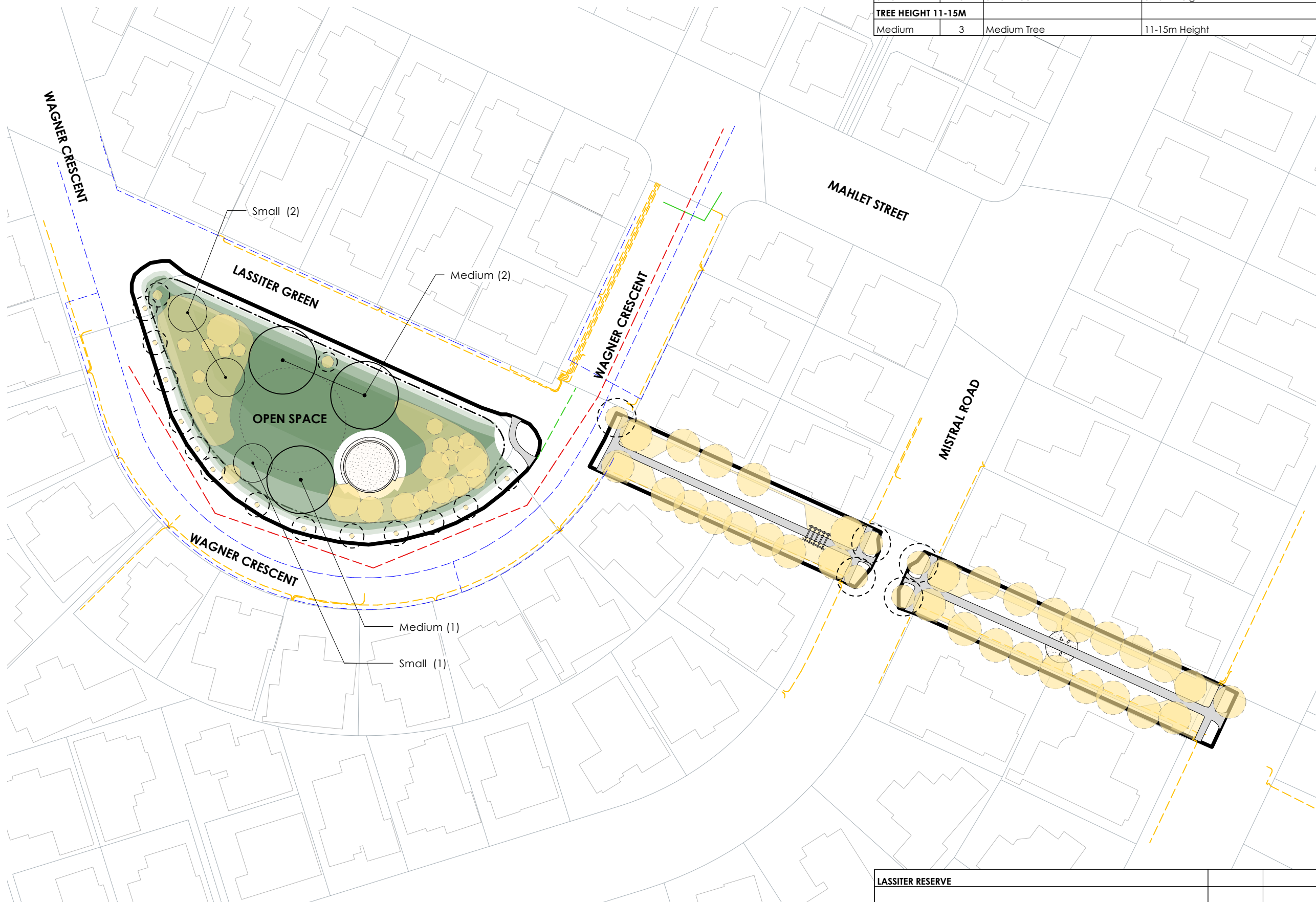
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PAGE REVISION P 03 A



PLANT SCHEDULE - LASSITER RESERVE			
ID	Qty	Tree Category	Tree Height
TREE HEIGHT 5-10M			
Small	3	Small Tree	5-10m Height
TREE HEIGHT 11-15M			
Medium	3	Medium Tree	11-15m Height

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Tree Planting Plan

LEGEND

- Existing Tree/ Vegetation
- Existing post and cable fence
- Existing Tree - predicted mature canopy

Existing Services

- Stormwater
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- Power (LV)

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- 5m - 10m
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- 15m - 20m
Trees Height Zone
- 20m+
Trees Height Zone

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

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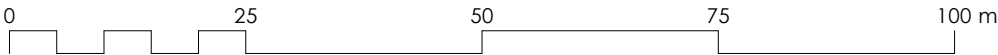
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PAGE
REVISION A

P 04

LASSITER RESERVE		
Park Canopy Cover Summary		
Existing number of trees		75
Existing canopy cover	approx.	38%
Proposed number of new trees		6
Proposed net canopy cover(existing vegetation and proposed)	approx.	52%





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Tree Planting Plan - comments

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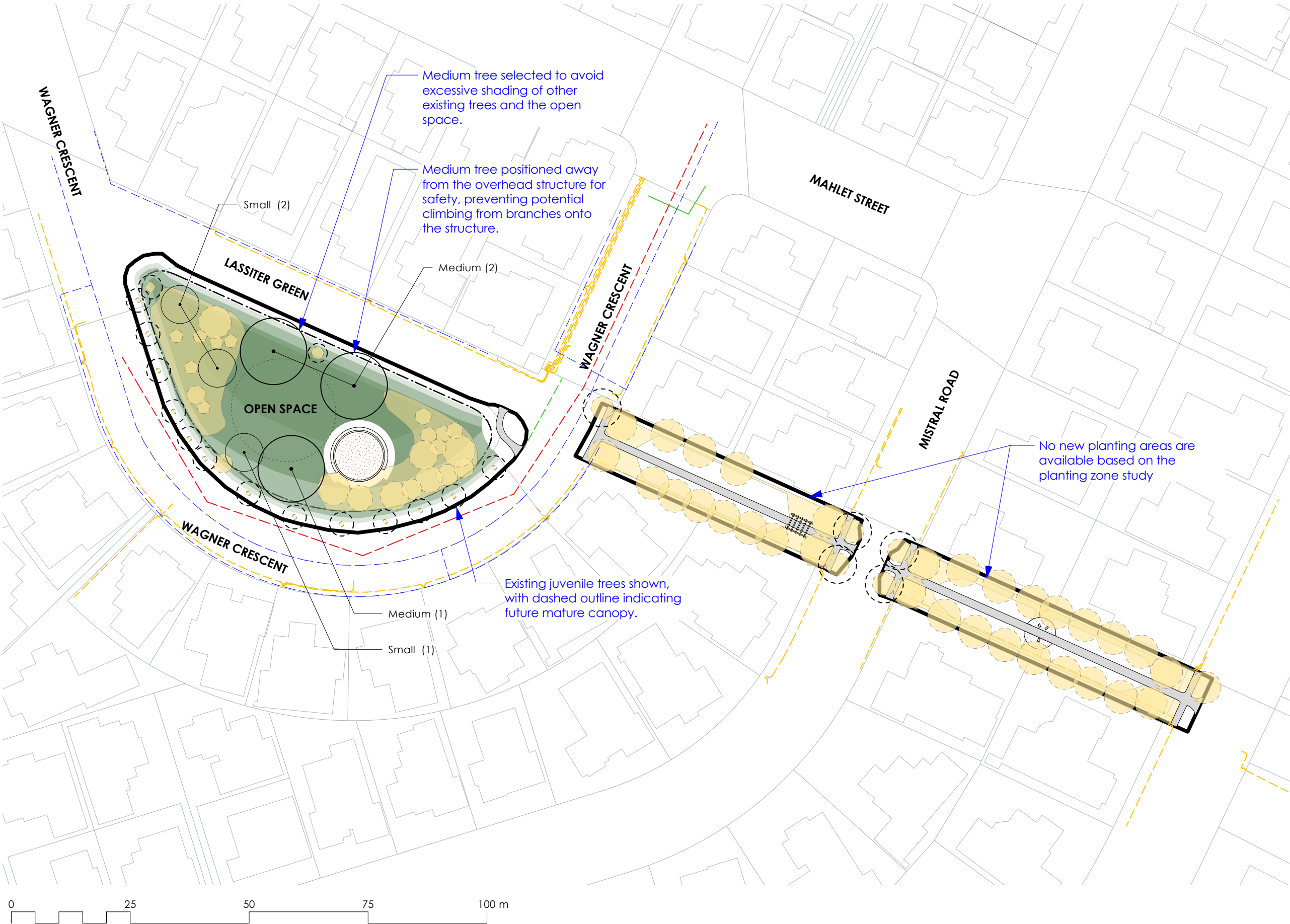
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PAGE
REVISION A

P 05



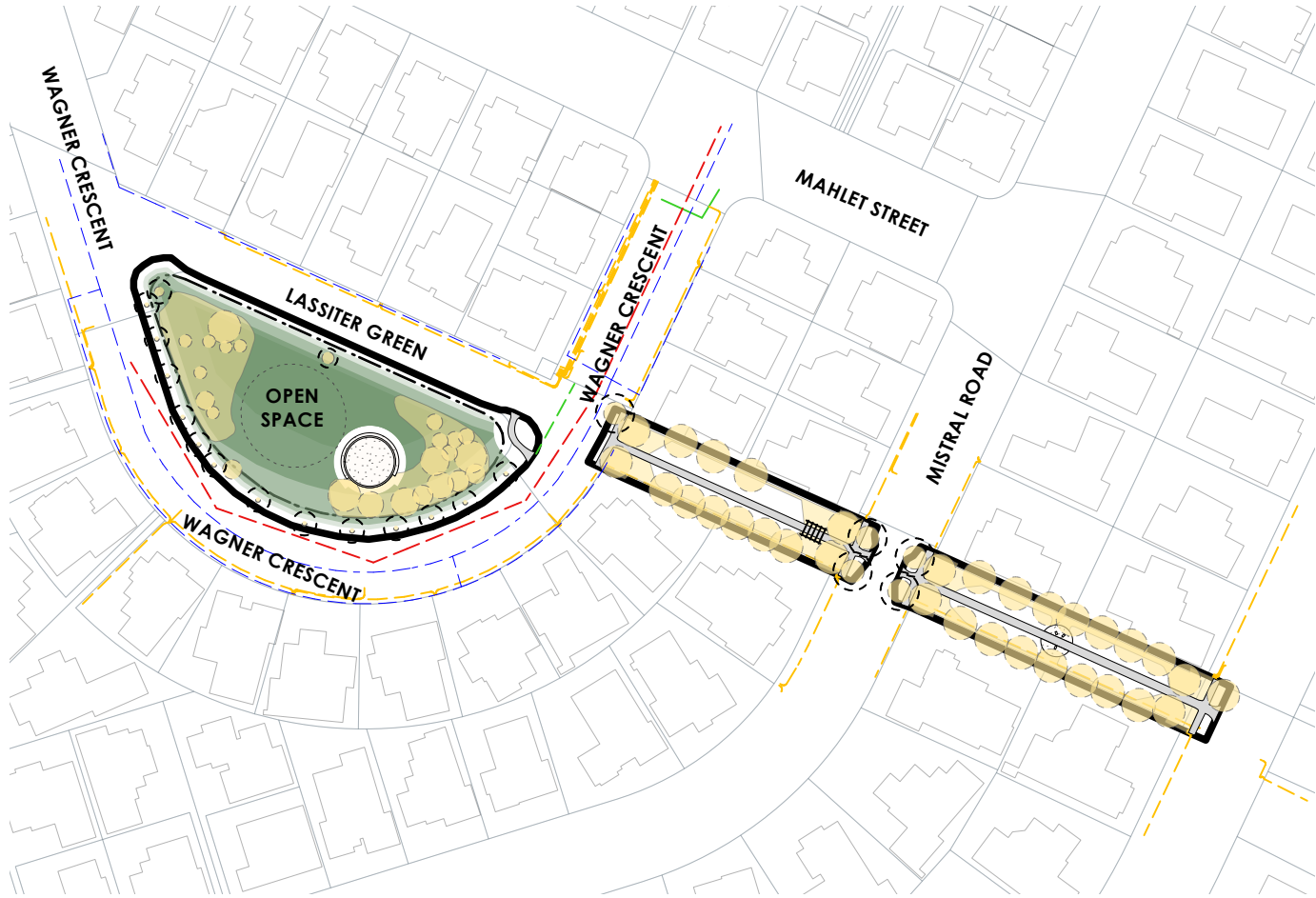
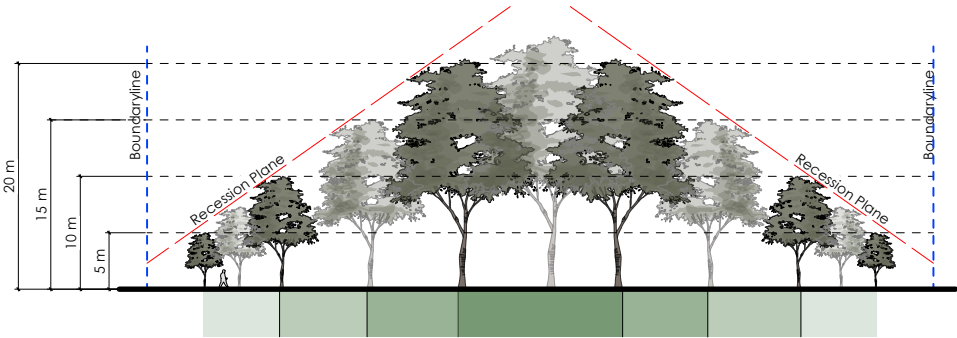
Guideline Summary

- 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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