



Urban Forest Tree Planting Curries Reserve

PROJECT NUMBER: **BM240711** Concept Design

PROJECT ADDRESS: 35 Curries Rd
Hillsborough,
Christchurch 8022

CLIENT: Christchurch City Council

CLIENT ADDRESS: 53 Hereford Street
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REV	DATE	DESCRIPTION
A	03.10.2025	Concept Design Draft
B	01.12.2025	Concept Design

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ORIGINAL IN COLOUR

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Printed 1/12/2025 11:23:12 am

LEGEND

Existing Canopy Cover

Existing Lower Vegetation

Existing Pathways and Features

Existing Sports Zone

Existing Playground

Vegetation cover mapped based on LINZ aerial photography dated November 2023, with site visit to verify existing conditions.

Existing Specimen Trees - 26

Existing Canopy Cover - 1405.57 m²

17.0%

Canopy coverage to existing site

0 m

3 m

6 m

12 m

0

90

REV DATE

A 03.10.2025

B 01.12.2025

DESCRIPTION

Concept Design Draft

Concept Design

APr

HCo

HCo

Urban Forest Tree Planting

Curries Reserve

Existing Site

Design ARO

Drawn ARO

Check HCo

Scale 1:300 @ A1

1:600 @ A3

Date 03.10.2025

Concept Design

DRAWING NO.

BM240711_200

REVISION

B

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ORIGINAL IN COLOUR

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LEGEND

20m+ Tree Height Area

10 - 20m Tree Height Area

5 - 10m Tree Height Area

The Tree Height Capacity model is derived from the following rules, supplied by CCC:

- No tree shall intrude through the recession plane at maturity
- 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. of 1m offset for all other services and hard paving not mentioned above

0m3m6m12m

REV DATEDESCRIPTION

A03.10.2025Concept Design Draft

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Urban Forest Tree Planting
Curries Reserve

Tree Height Capacities

DesignARoScaleDate

DrawnARo1:300 @ A103.10.2025

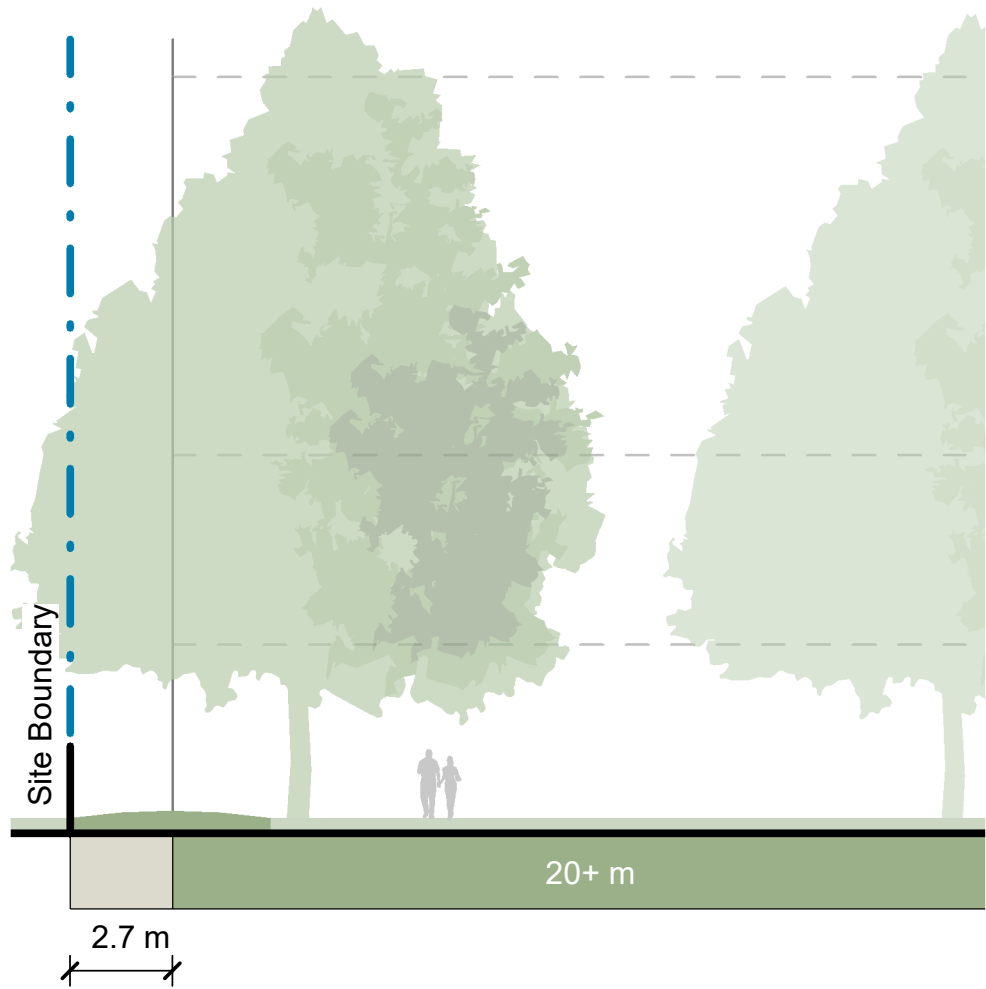
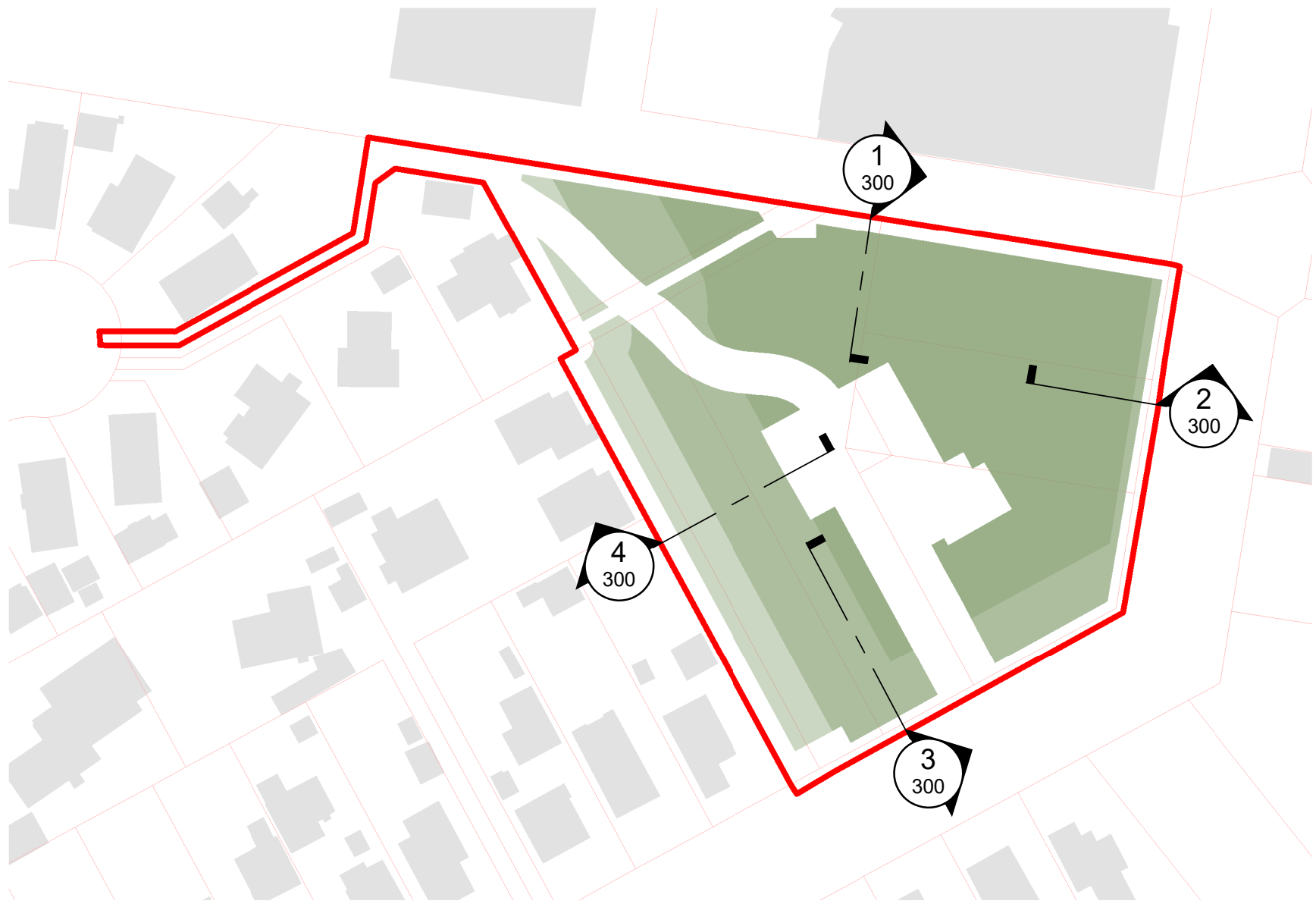
CheckHCo1:600 @ A3

Concept Design

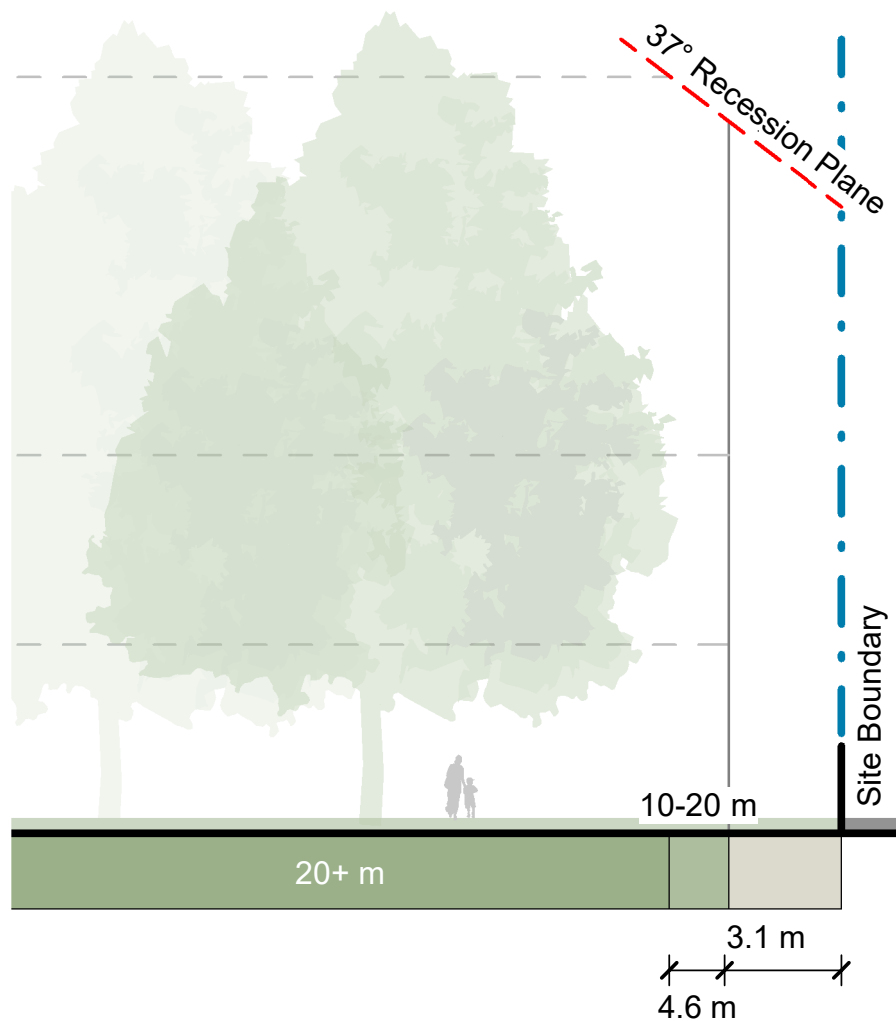
DRAWING NO. REVISION

BM240711_210B

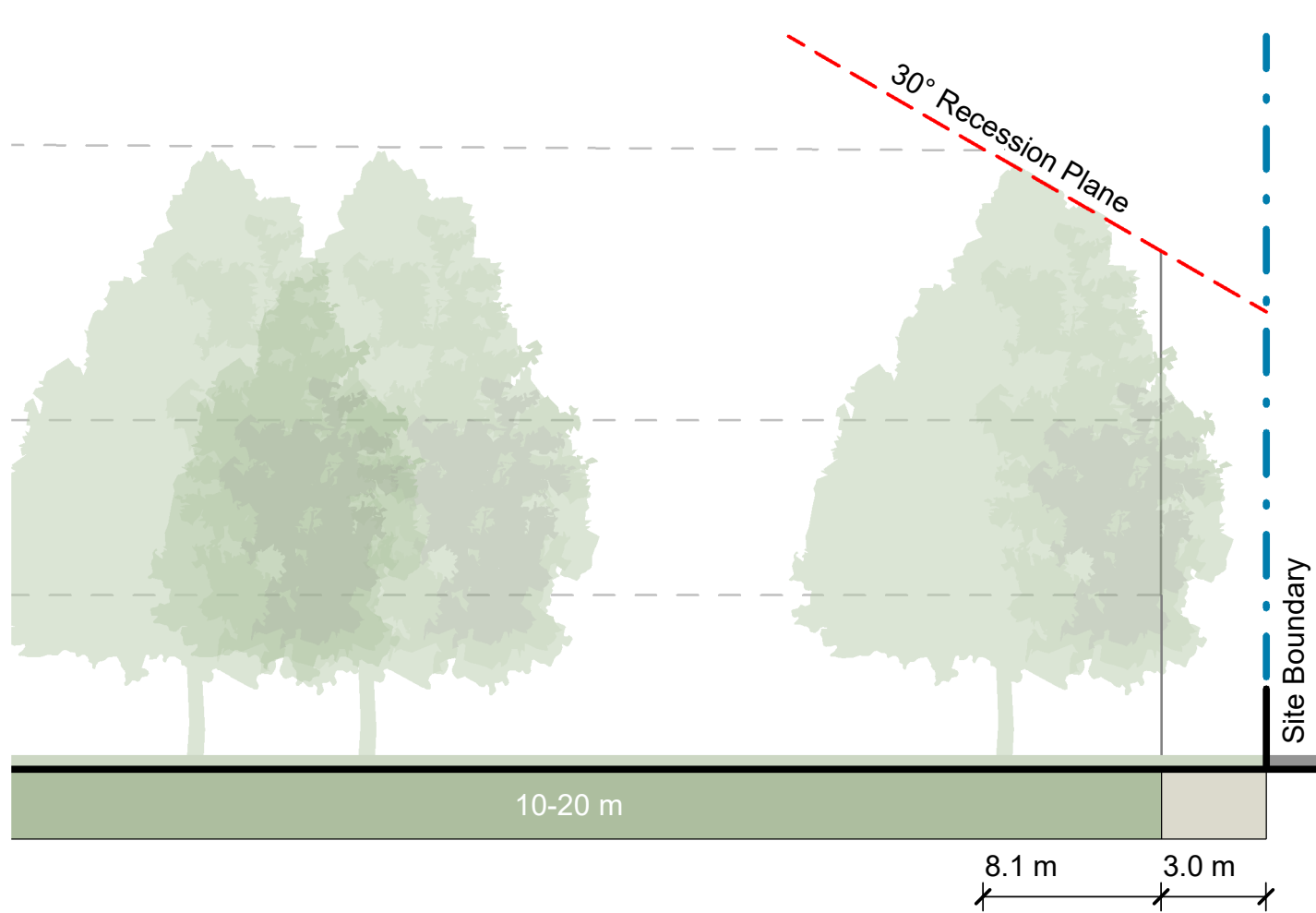
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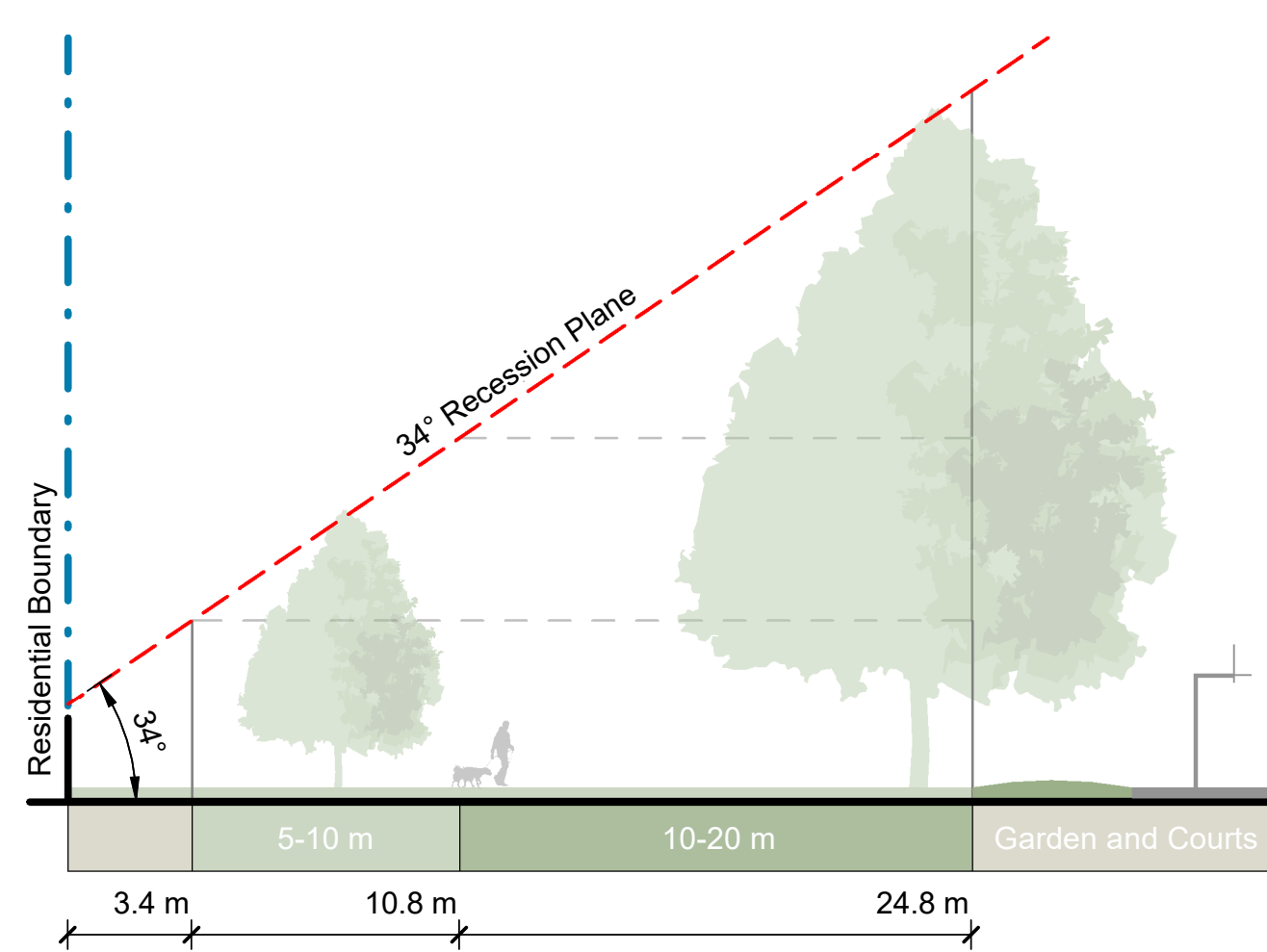
1 North Boundary Section
Scale: 1 : 200



2 East Boundary Section
Scale: 1 : 200



3 South Boundary Section
Scale: 1 : 200



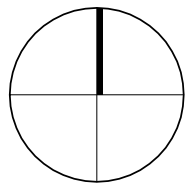
4 West Boundary Section
Scale: 1 : 200

ORIGINAL IN COLOUR



Note:

Sections identify maximum acceptable proposed tree height and density.
Existing vegetation not shown.
Refer Planting Plans for proposed tree locations.



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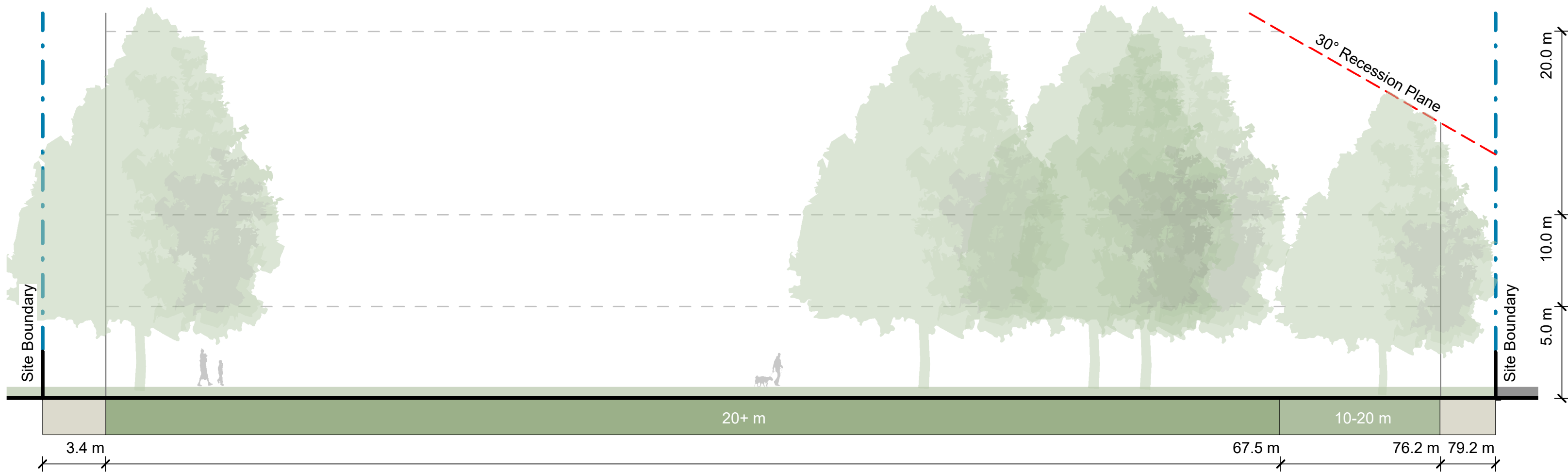
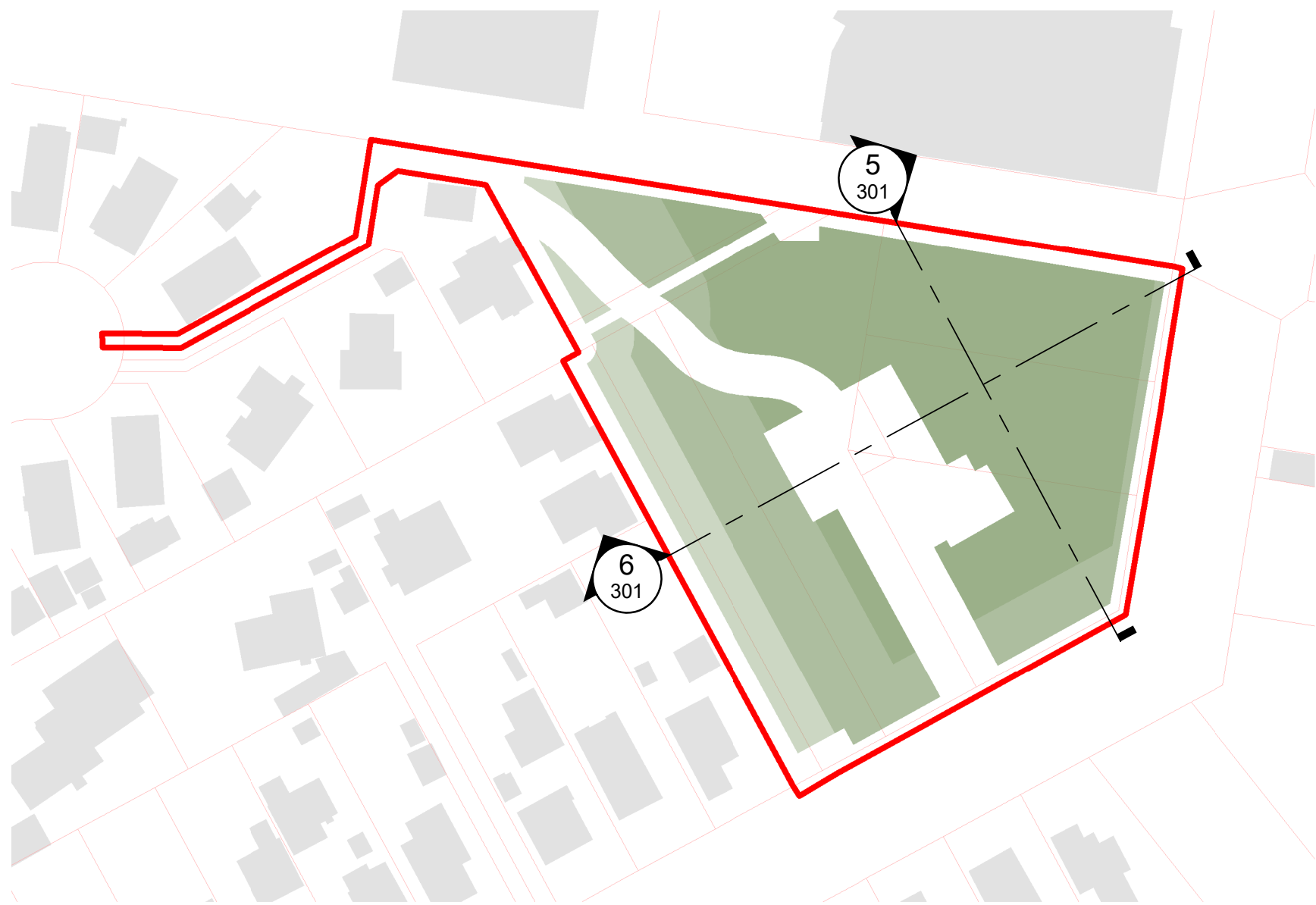
Urban Forest Tree Planting
Curries Reserve

Cross Section Studies of Potential Tree
Heights

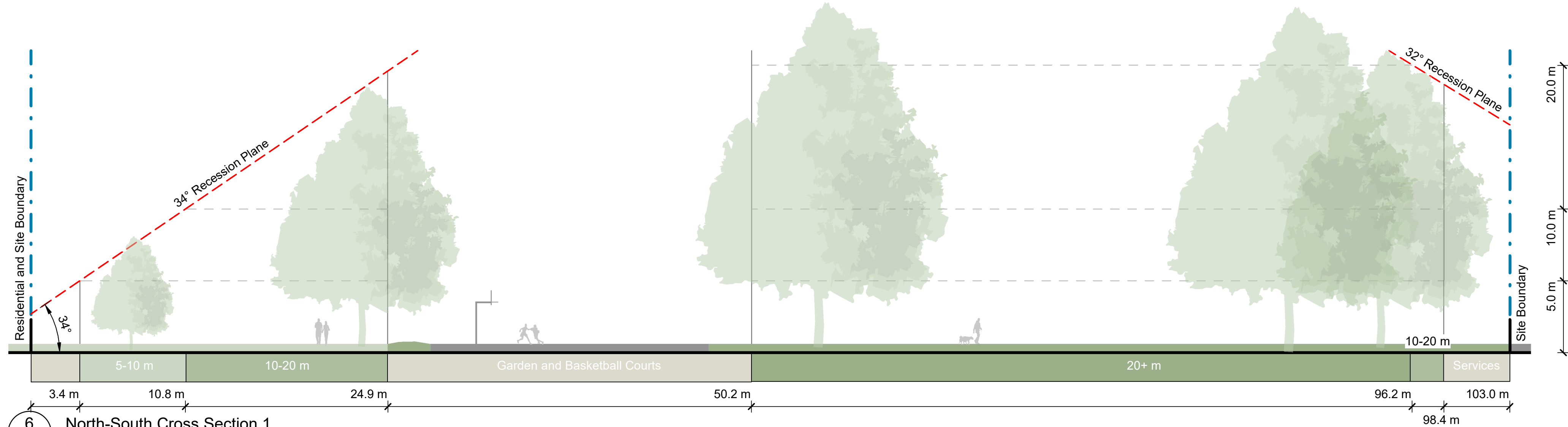
Design	ARo	Scale	Date
Drawn	ARo	As Shown	03.10.2025
Check	HCo		

Concept Design

DRAWING NO.	REVISION
BM240711_300	B



5 North-South Cross Section 2
301 Scale: 1 : 200

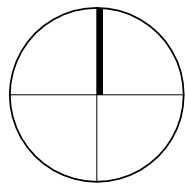


6 North-South Cross Section 1
301 Scale: 1 : 200

ORIGINAL IN COLOUR



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Cross Section Studies of Potential Tree
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Drawn	ARo	As Shown	03.10.2025
Check	HCo		

Concept Design

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BM240711_301	B



ORIGINAL IN COLOUR

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Existing Canopy Cover - 1405.57 m² 17.0% Canopy coverage to existing site

Proposed Canopy Coverage - 3386.64 m² 41.0% Proposed canopy coverage

Total Canopy Coverage - 4792.21m² 58.0% Total canopy coverage

PLANTING SCHEDULE

Qty	Type	Tree Height
4	Large Tree	Tree Height 15-20m
6	Medium Tree	Tree Height 10-15m
24	Small Tree	Tree Height 5-10m
26	Existing Trees	

0m 3m 6m 12m

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Curries Reserve

Planting Plan

Design ARO
Drawn ARO
Check HCo

Scale 1:300 @ A1
1:600 @ A3

Date 03.10.2025

Concept Design

DRAWING NO. BM240711_500

REVISION B

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ORIGINAL IN COLOUR

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Planting Plan

Design ARO Scale Date

Drawn ARO 1:300 @ A1 03.10.2025

Check HCo 1:600 @ A3

CONCEPT DESIGN

DRAWING NO. BM240711_510

REVISION B

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