



Urban Forest Tree Planting Addington Park

PROJECT NUMBER: **BM240711**

Concept Design

PROJECT ADDRESS: Barrington Street,
Addington, Christchurch
8024

CLIENT: Christchurch City Council

CLIENT ADDRESS: 53 Hereford Street
Christchurch Central
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Boffa Miskell



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REV	DATE	DESCRIPTION
A	03.10.2025	Concept Design Draft
B	01.12.2025	Concept Design

SHEET INDEX

100 Preliminary & General

100 Cover Sheet

200 Plans

200 Existing Site

210 Tree Height Capacities

300 Sections

300 Cross Section Studies of Potential Tree Heights

301 Cross Section Studies of Potential Tree Heights

302 Cross Section Studies of Potential Tree Heights

500 Planting

500 Planting Plan

510 Planting Plan



ORIGINAL IN COLOUR

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LEGEND

Existing Canopy Cover

Existing Lower Vegetation

Existing Pathways and Features

Existing Water Body

Existing Attenuation Zone

Existing Playground

Lightpole Clearance

Existing Creek Location

Vegetation cover mapped based on CCC aerial photography dated August 2024, with site visit to verify existing conditions.

Existing Specimen Trees - 212

Existing Canopy Cover - 7808.50 m²

30.4% Canopy coverage to existing site

REV DATE

A 03.10.2025

B 01.12.2025

DESCRIPTION

Concept Design Draft

Concept Design

APr

HCo

HCo

Urban Forest Tree Planting

Addington Park

Existing Site

Design ARO

Drawn ARO

Check HCo

Scale 1:500 @ A1

1:1000 @ 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

0m5m10m20m

REV DATEDESCRIPTION

A03.10.2025Concept Design Draft

B01.12.2025Concept Design

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Urban Forest Tree Planting

Addington Park

Tree Height Capacities

DesignARoScaleDate

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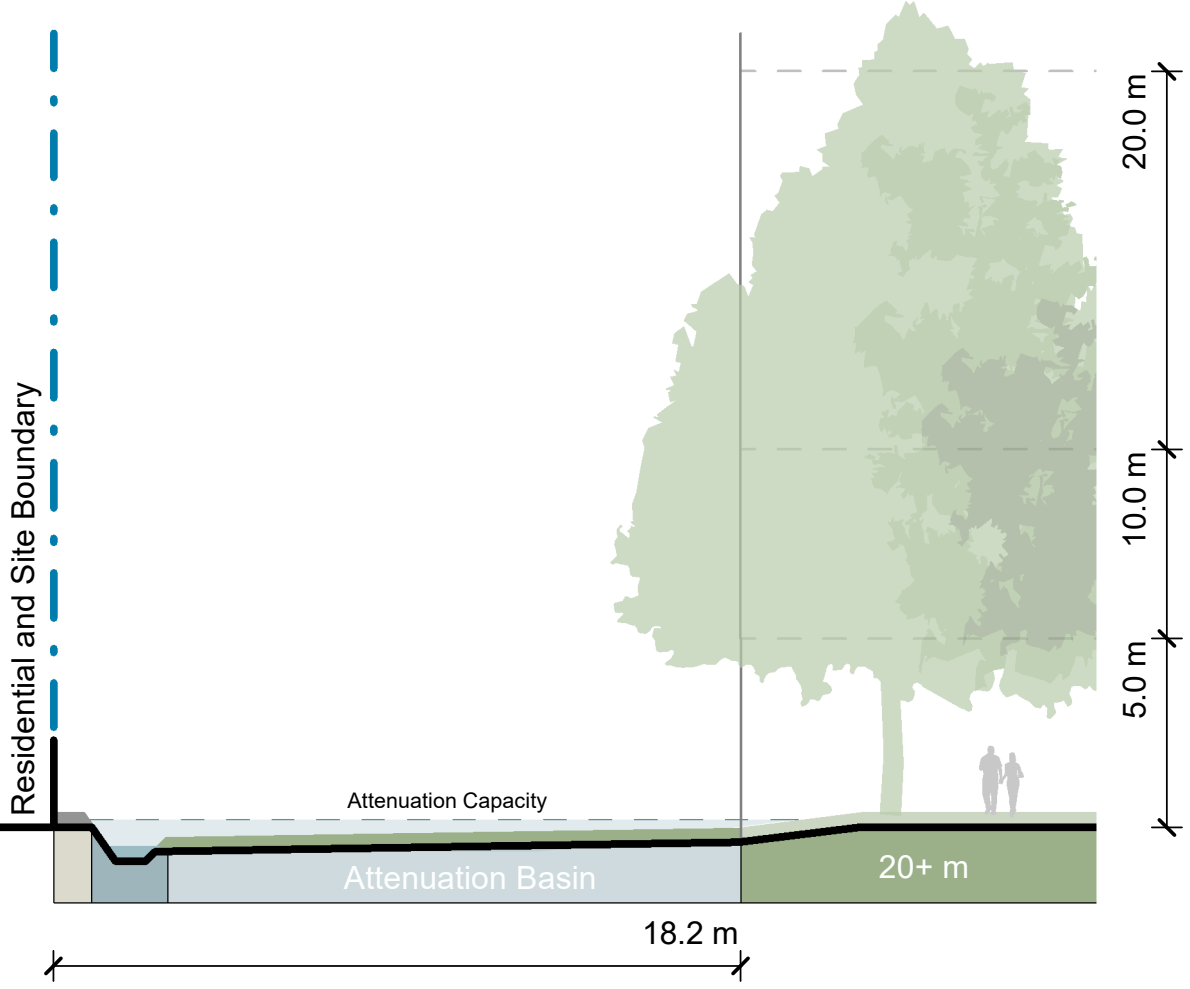
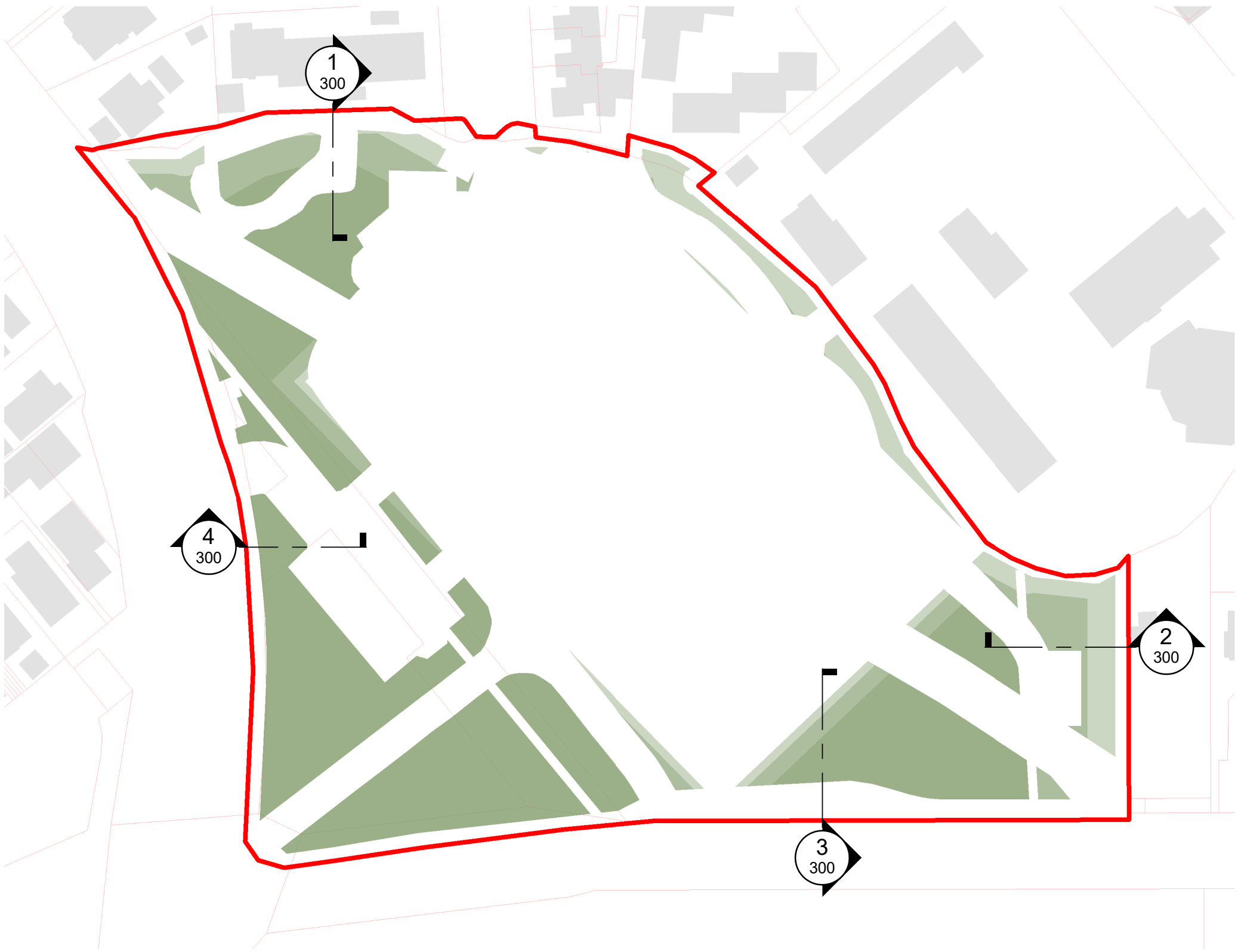
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Concept Design

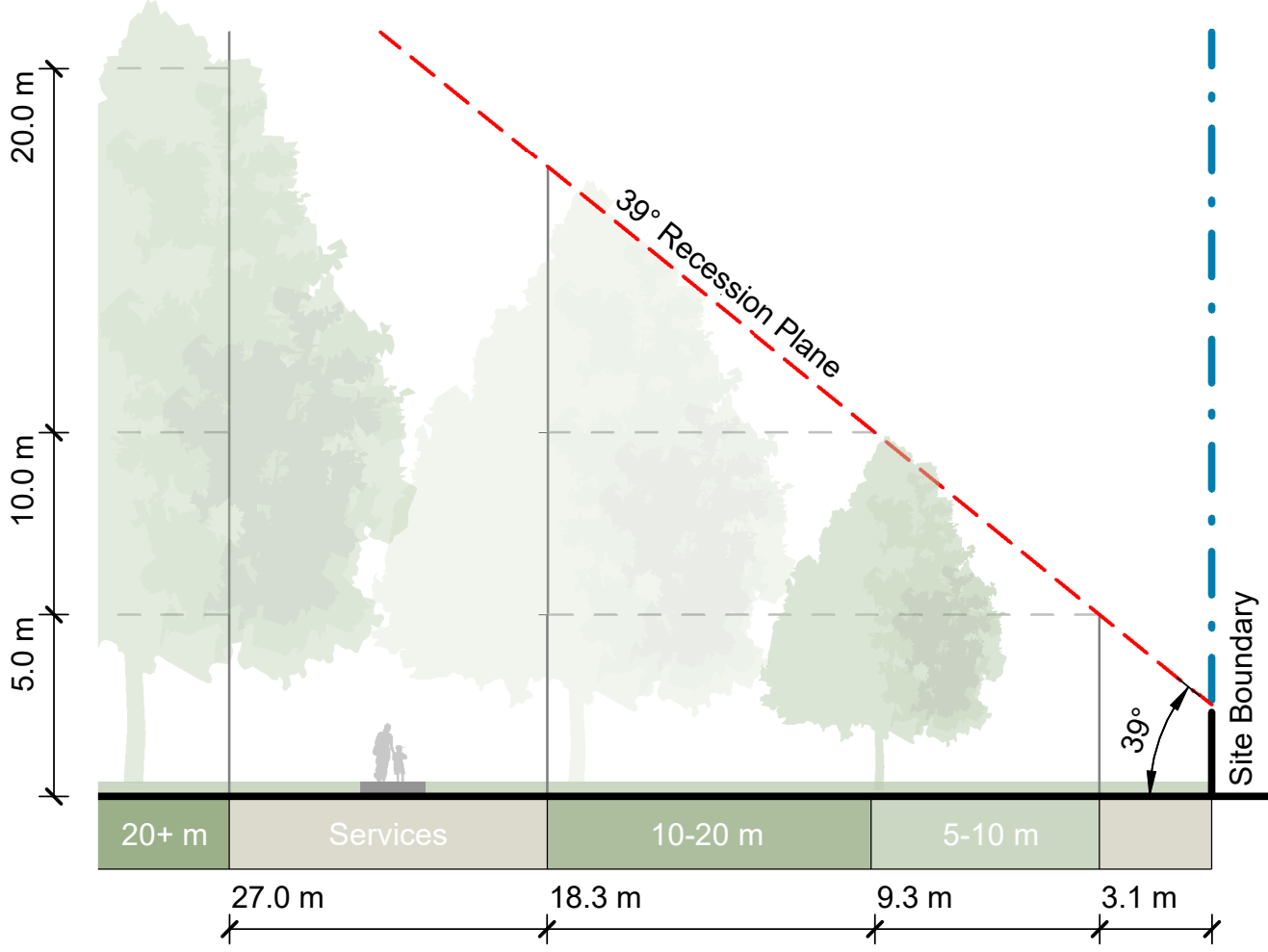
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REVISION (B)

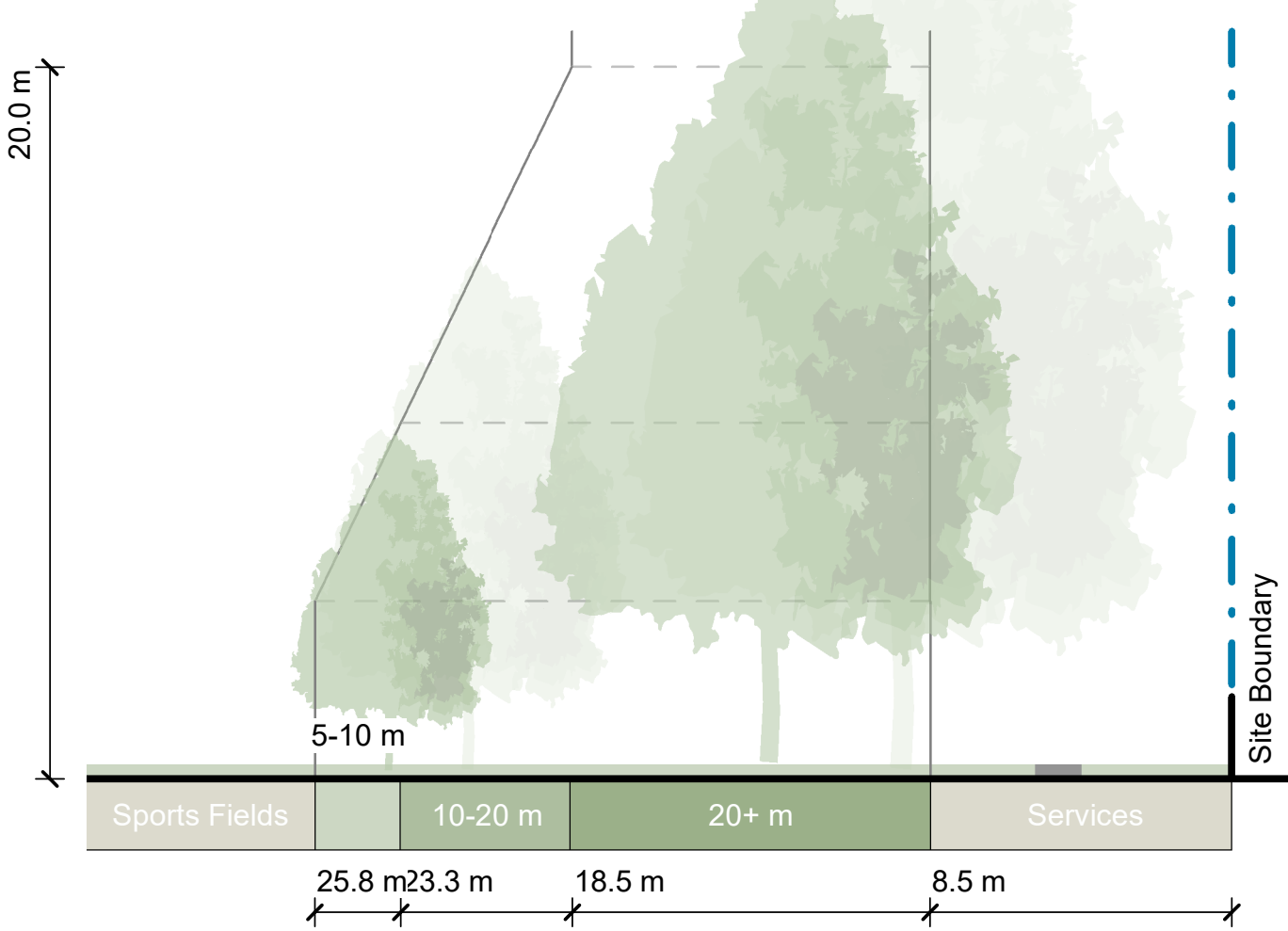
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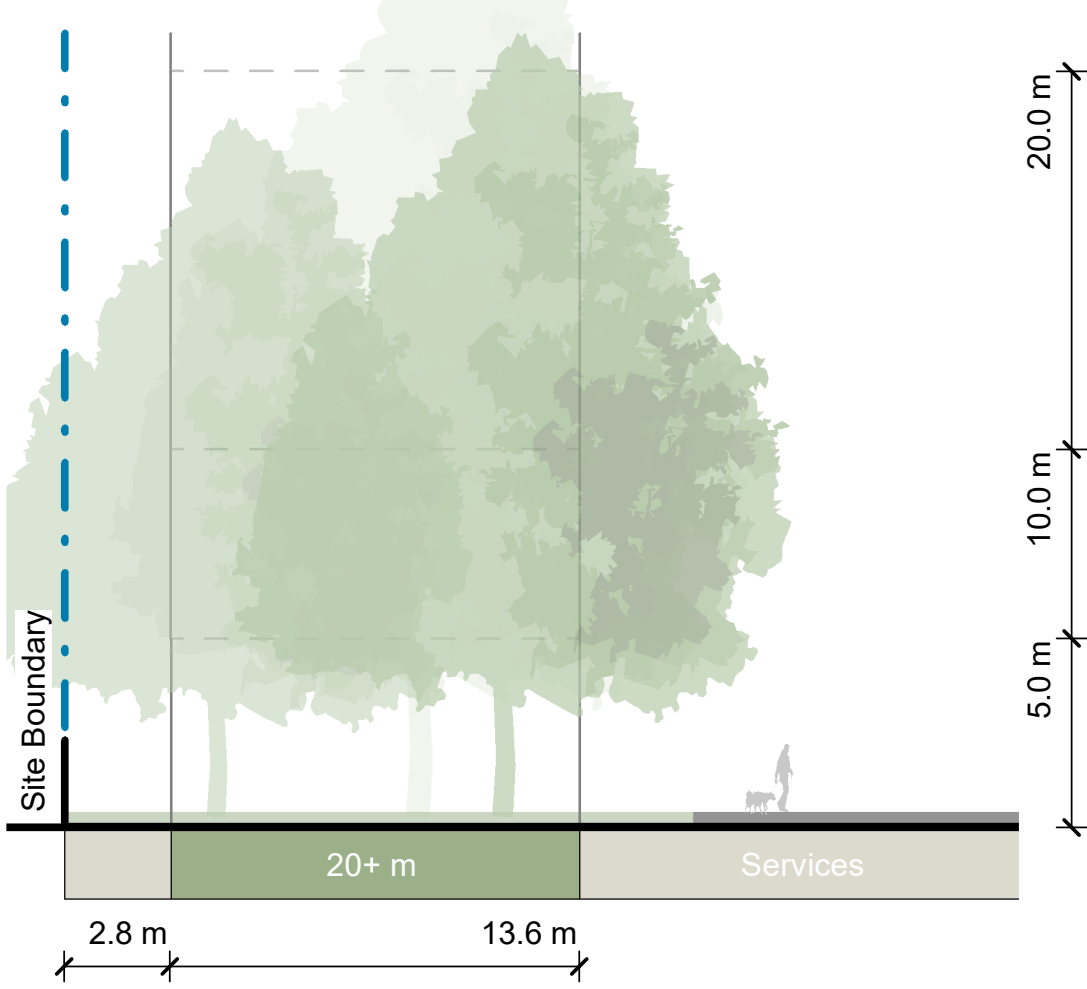
1 North Boundary Section
Scale: 1 : 200



2 East Boundary Section
Scale: 1 : 200



3 South Boundary Section
Scale: 1 : 200

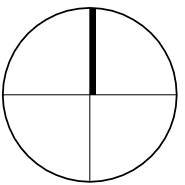


4 West Boundary Section
Scale: 1 : 200

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
Addington Park

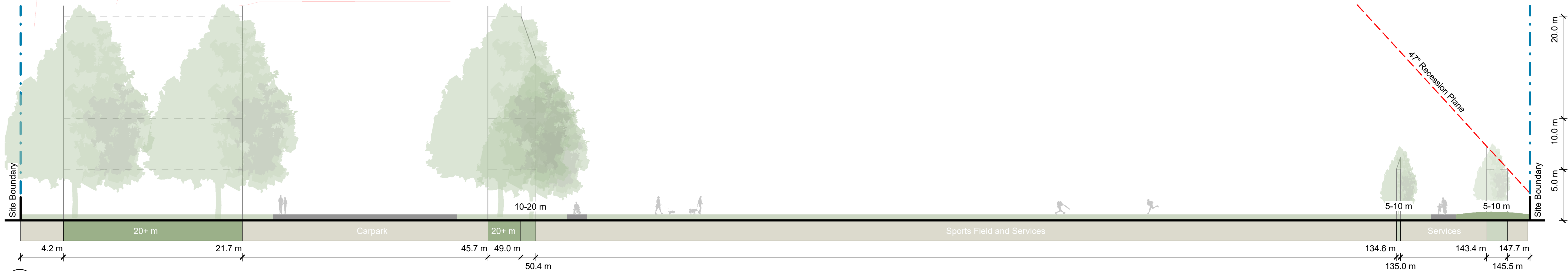
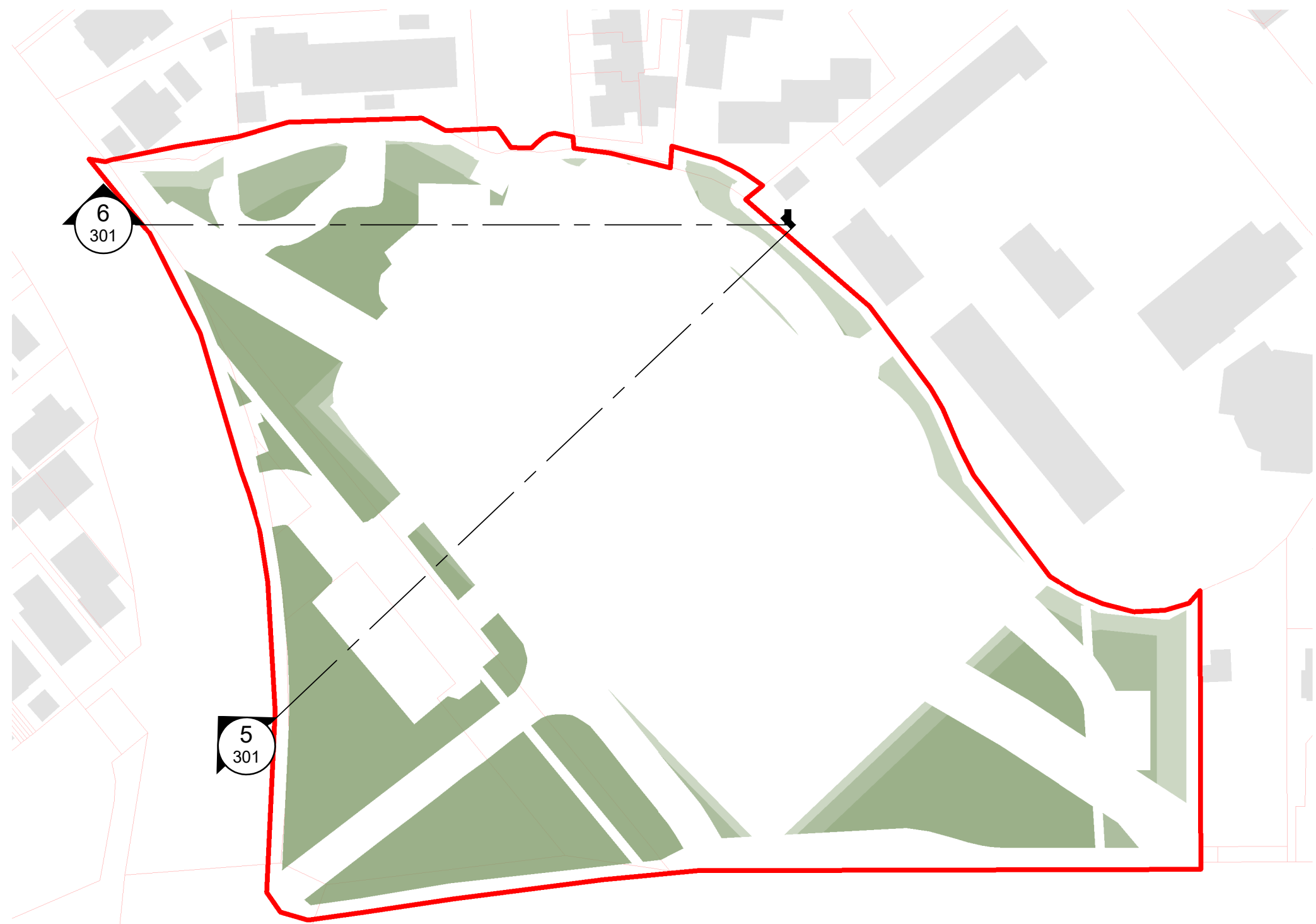
Cross Section Studies of Potential Tree
Heights

Design	ARo	Scale	Date
Drawn	ARo	As Shown	03.10.2025
Check	HCo		

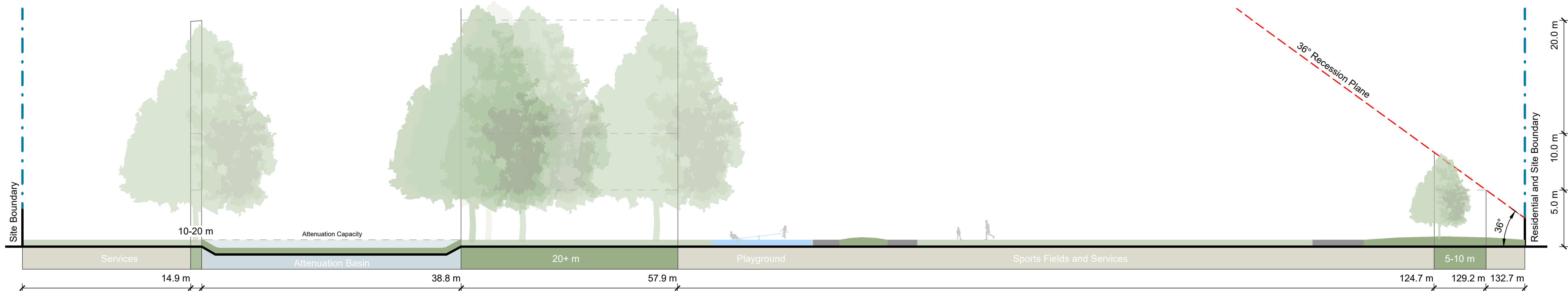
Concept Design

DRAWING NO.
BM240711_300

REVISION
B



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

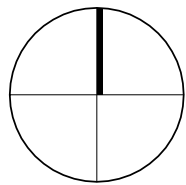


6 North-South Cross Section 2
Scale: 1 : 200

ORIGINAL IN COLOUR



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Existing vegetation not shown.
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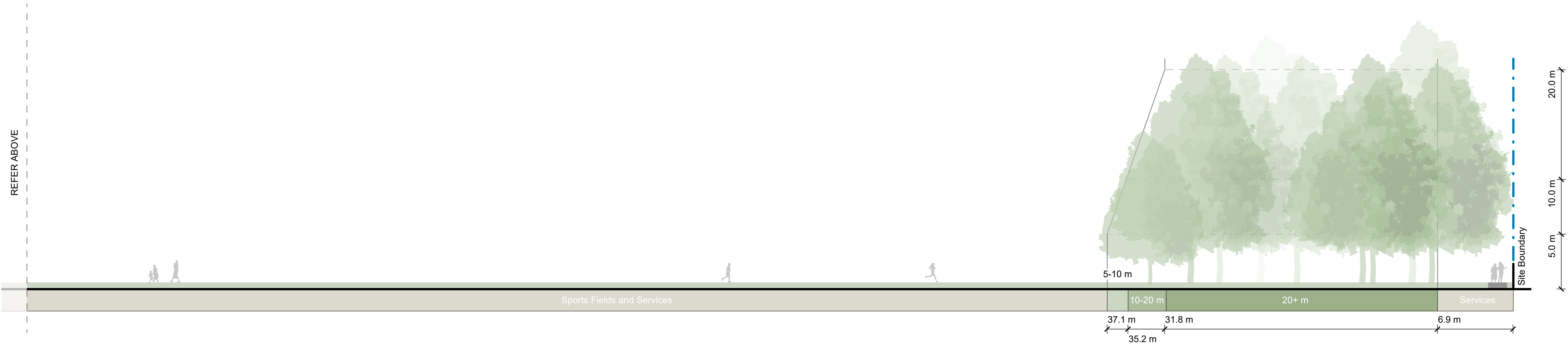
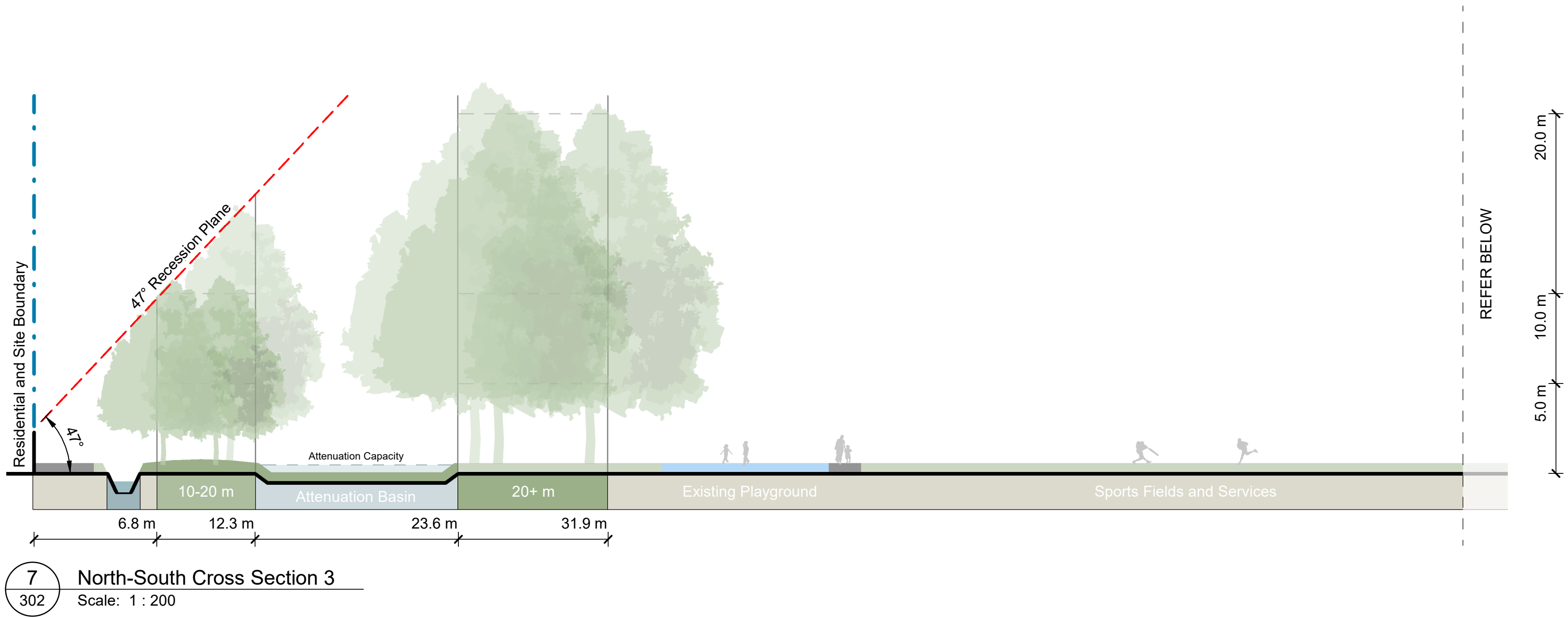
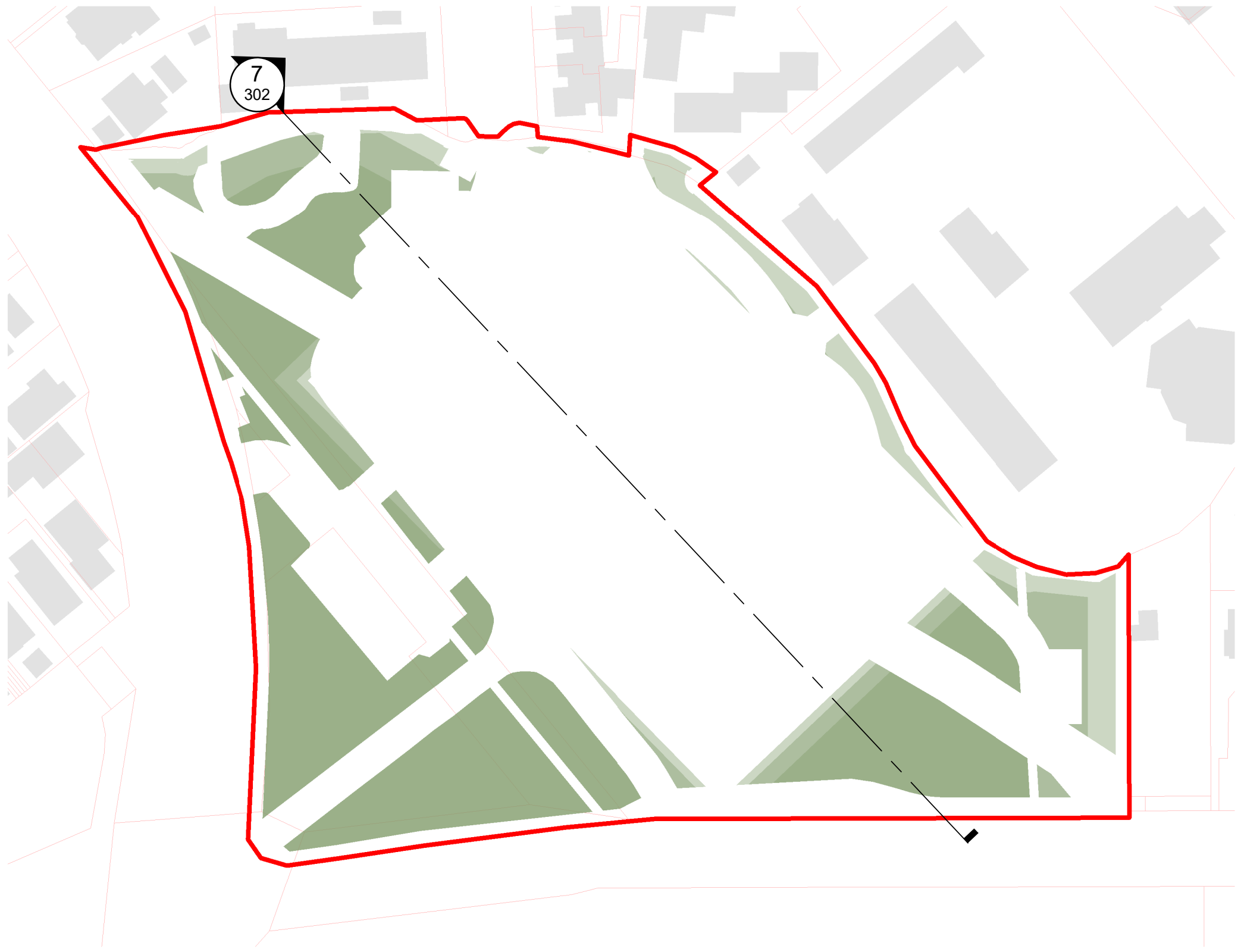
Urban Forest Tree Planting
Addington Park

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_301	B





ORIGINAL IN COLOUR

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Existing Canopy Cover	-	7808.50 m ²	30.4%	Canopy coverage to existing site
Proposed Canopy Coverage	-	2089.16 m ²	8.1%	Proposed canopy coverage
Total Canopy Coverage	-	9897.66m²	38.5%	Total canopy coverage

Qty	Type	Tree Height
1	Large Tree	Tree Height 15-20m
5	Medium Tree	Tree Height 10-15m
20	Small Tree	Tree Height 5-10m
212	Existing Trees	

REV

DATE

A

03.10.2025

DESCRIPTION

Concept Design Draft

Check

01.12.2025

Concept Design

APr

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Urban Forest Tree Planting

Addington Park

Planting Plan

Design	ARo	Scale	Date
Drawn	ARo	1:500 @ A1	03.10.2025
Check	HCo	1:1000 @ A3	

Concept Design

DRAWING NO.	REVISION
BM240711_500	B

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ORIGINAL IN COLOUR

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Existing Canopy Cover - 7808.50 m² 30.4% Canopy coverage to existing site

Proposed Canopy Coverage - 2089.16 m² 8.1% Proposed canopy coverage

Total Canopy Coverage - 9897.66m² 38.5%

Total canopy coverage

PLANTING SCHEDULE

Qty	Type	Tree Height
1	Large Tree	Tree Height 15-20m
5	Medium Tree	Tree Height 10-15m
202	Small Trees	Tree Height 5-10m

0 m 5 m 10 m 20 m

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APr HCo HCo

Urban Forest Tree Planting Addington Park

Planting Plan

Design ARO Scale Date

Drawn ARO 1:500 @ A1 03.10.2025

Check HCo 1:1000 @ A3

REVISION

CONCEPT DESIGN

DRAWING NO. BM240711_510

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