



LANDSCAPE ARCHITECTURE

Project No 4672500

CHRISTCHURCH CITY COUNCIL
URBAN FOREST TREE
PLANTING PLANS

FOR CONSULTATION
PARKHAM
RESERVE

Prepared for

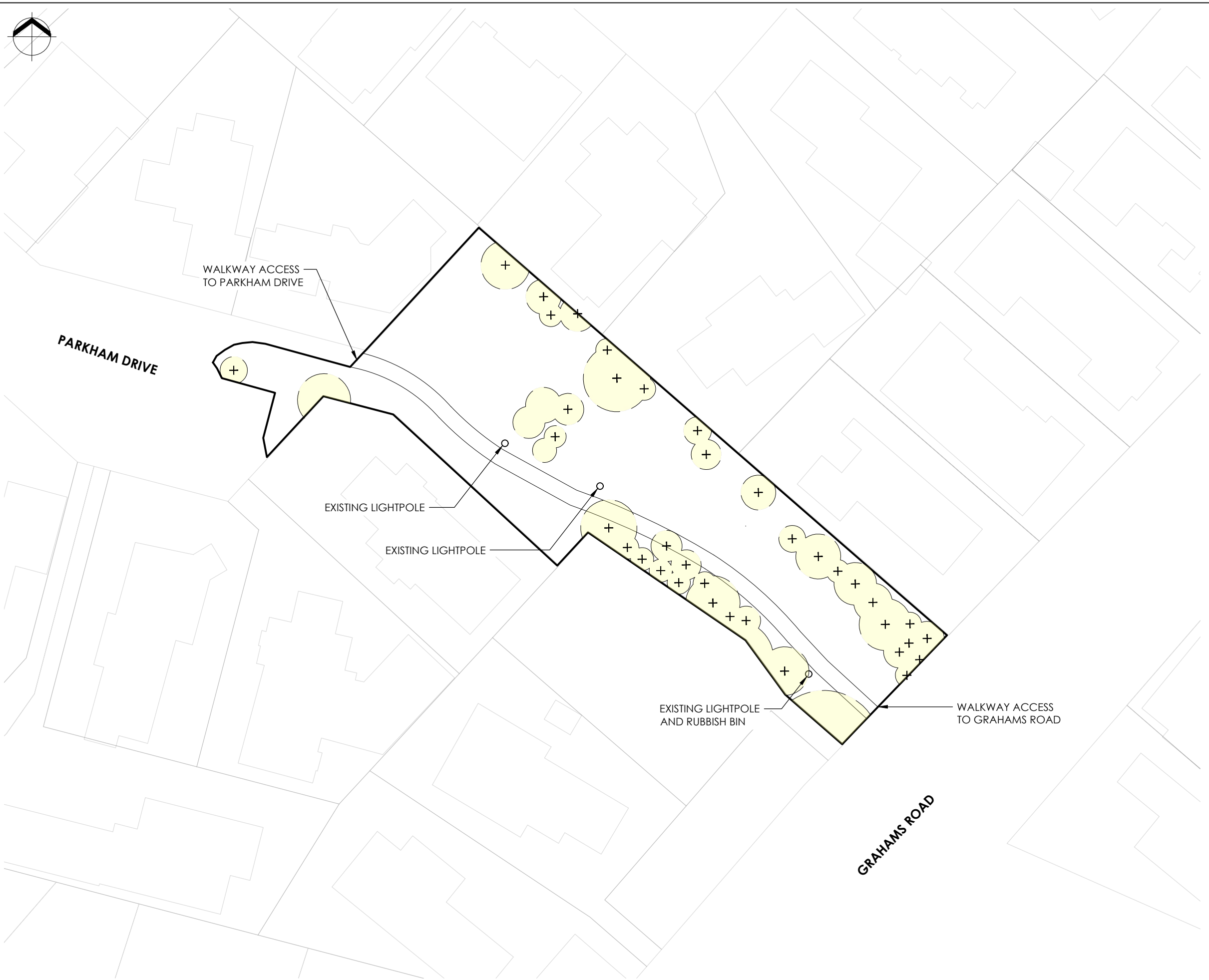


Beca

29 AUGUST 2025

PARKHAM RESERVE DRAWING LIST		
DRAWING NO.	DRAWING TITLE	REVISION
4672500-AL-P-000	TITLE PAGE AND DRAWING INDEX	A
4672500-AL-P-001	EXISTING PLANTING	A
4672500-AL-P-002	TREE PLANTING ZONES	A
4672500-AL-P-003	LOT BOUNDARY CROSS SECTIONS	A
4672500-AL-P-004	CONCEPT PLAN	A
4672500-AL-P-005	INDICATIVE TREE PLANTING PLAN	A
4672500-AL-P-006	SITE WIDE CROSS SECTION	A
4672500-AL-P-007	TREE PLANTING GUIDELINES	A





- LEGEND:**
- + EXISTING TREE LOCATION
 - EXISTING TREES/VEGETATION EXTENTS
 - EXISTING FOOTPATH
 - EXISTING RESERVE AREA 1,995m²

FOR CONSULTATION

A	CONSULTATION	RK	JB	GW	29.08.25
No.	Revision	By	Chk	Appd	Date

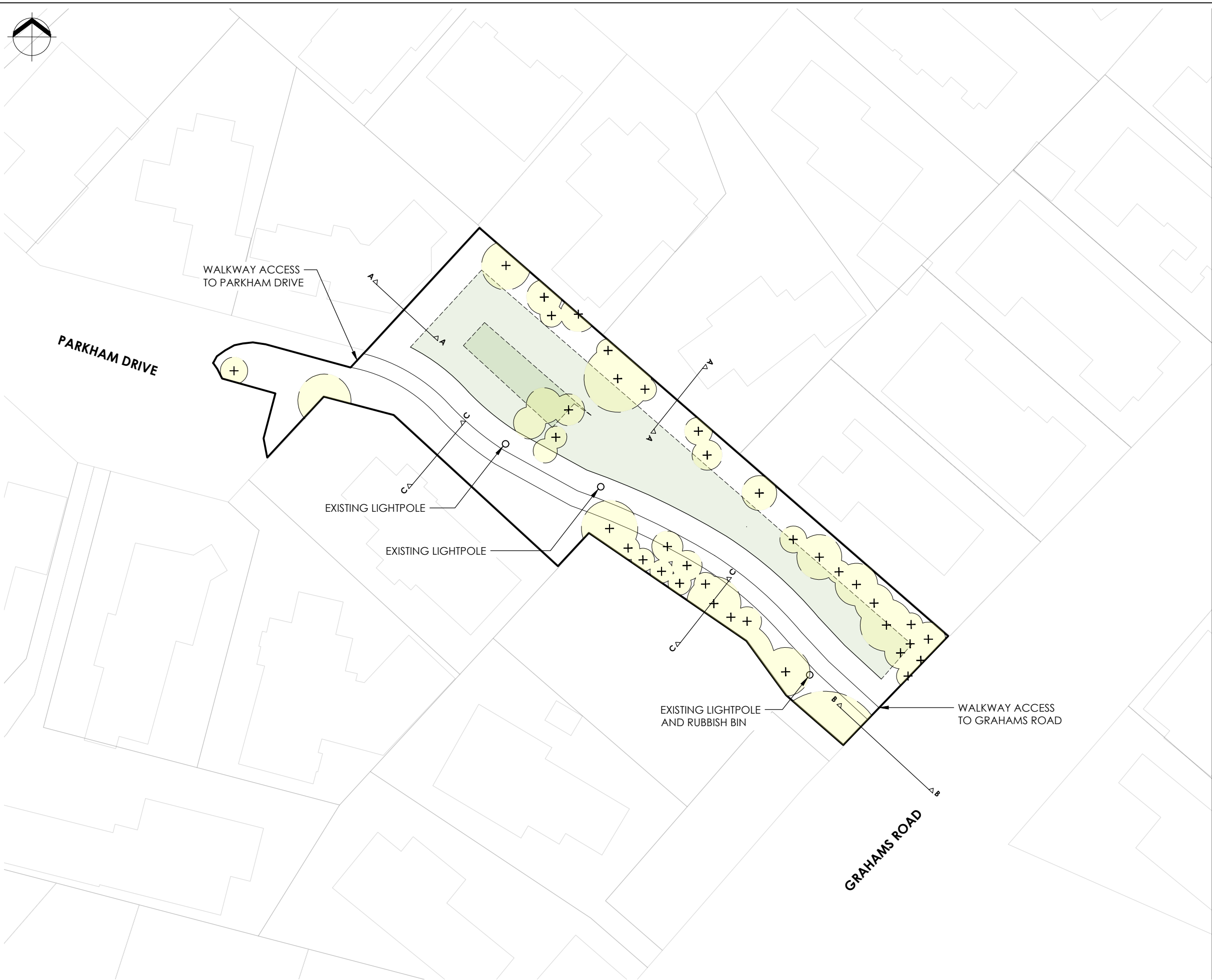
Original Scale (A3)	Design	R KIRKWOOD	29.08.25	Approved For Construction*
1:500m	Drawn	R KIRKWOOD	29.08.25	
	Dsg Verifier	G WOOLFORD	29.08.25	
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Project: URBAN FOREST TREE PLANTING PLAN

Title: PARKHAM RESERVE EXISTING PLANTING

Discipline	LANDSCAPE
Drawing No.	Beca Project Number:
4672500-AL-P-001	Rev. A



- LEGEND:**
- + EXISTING TREE LOCATION
 - EXISTING TREES/ VEGETATION EXTENTS
 - EXISTING FOOTPATH
 - EXISTING RESERVE AREA 1,995m²

- POTENTIAL TREE PLANTING AREAS:**
- 5m-10m TREE HEIGHT ZONES
 - 10m-15m TREE HEIGHT ZONES
 - 15-20m TREE HEIGHT ZONES
 - 20m+ TREE HEIGHT ZONES

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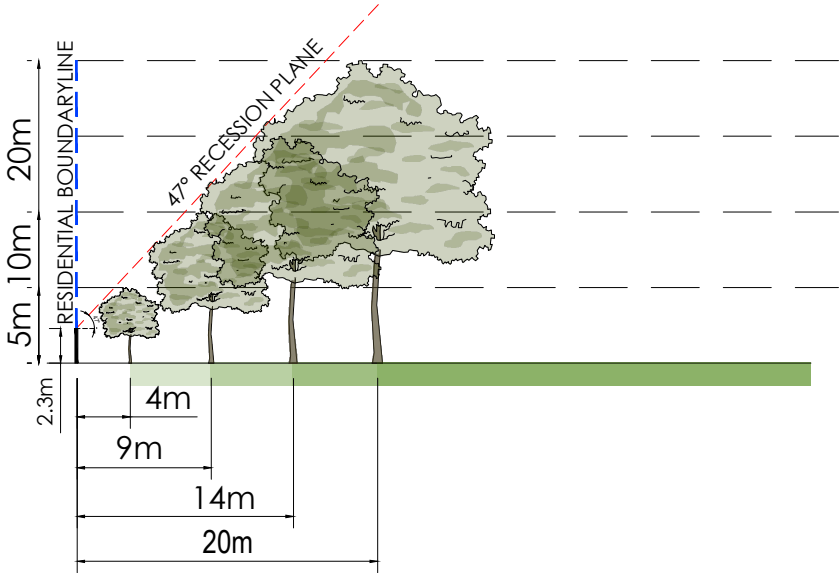


Project:
URBAN FOREST TREE PLANTING PLAN

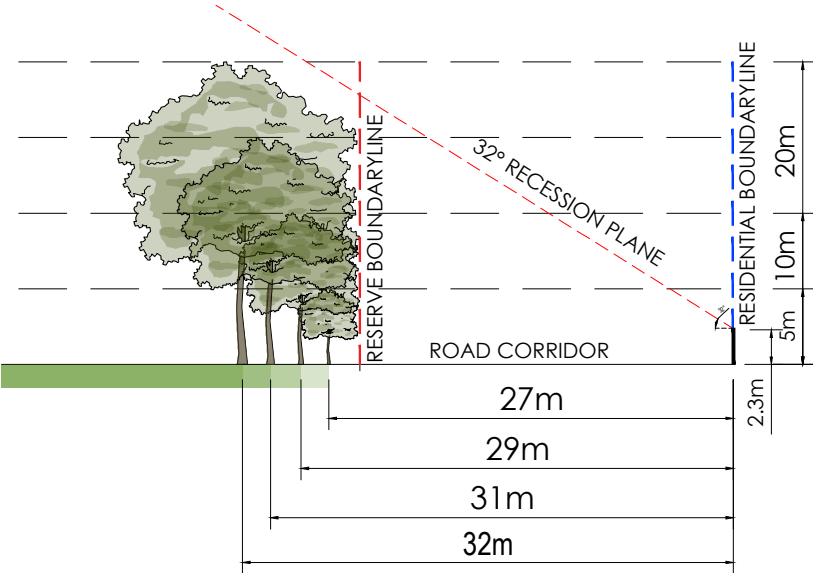
Title:
PARK RESERVE TREE PLANTING ZONES

Discipline LANDSCAPE	
Drawing No. 4672500-AL-P-002	Rev. A

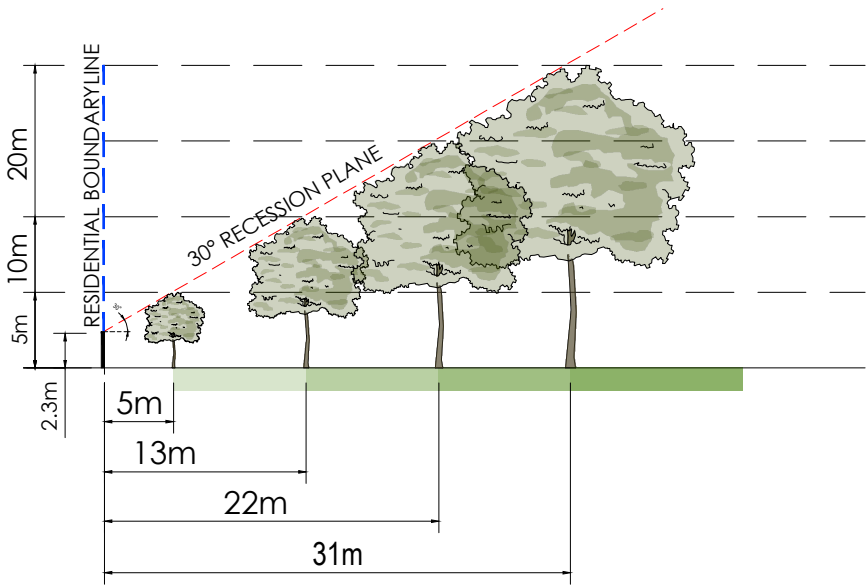
INDICATIVE BOUNDARY CROSS SECTIONS - POTENTIAL TREE PLANTING ZONES



CROSS SECTION AA



CROSS SECTION BB



CROSS SECTION CC

LEGEND

- PROPOSED TREE
- EXISTING TREE
- RECESSION PLANE ANGLE
- BOUNDARY LINE
- 2.3m HEIGHT OF MEASURE POINT OF RECESSION PLANE

POTENTIAL TREE PLANTING AREAS:

- 5m-10m TREE HEIGHT ZONES
- 10m-15m TREE HEIGHT ZONES
- 15-20m TREE HEIGHT ZONES
- 20m+ TREE HEIGHT ZONES

FOR CONSULTATION

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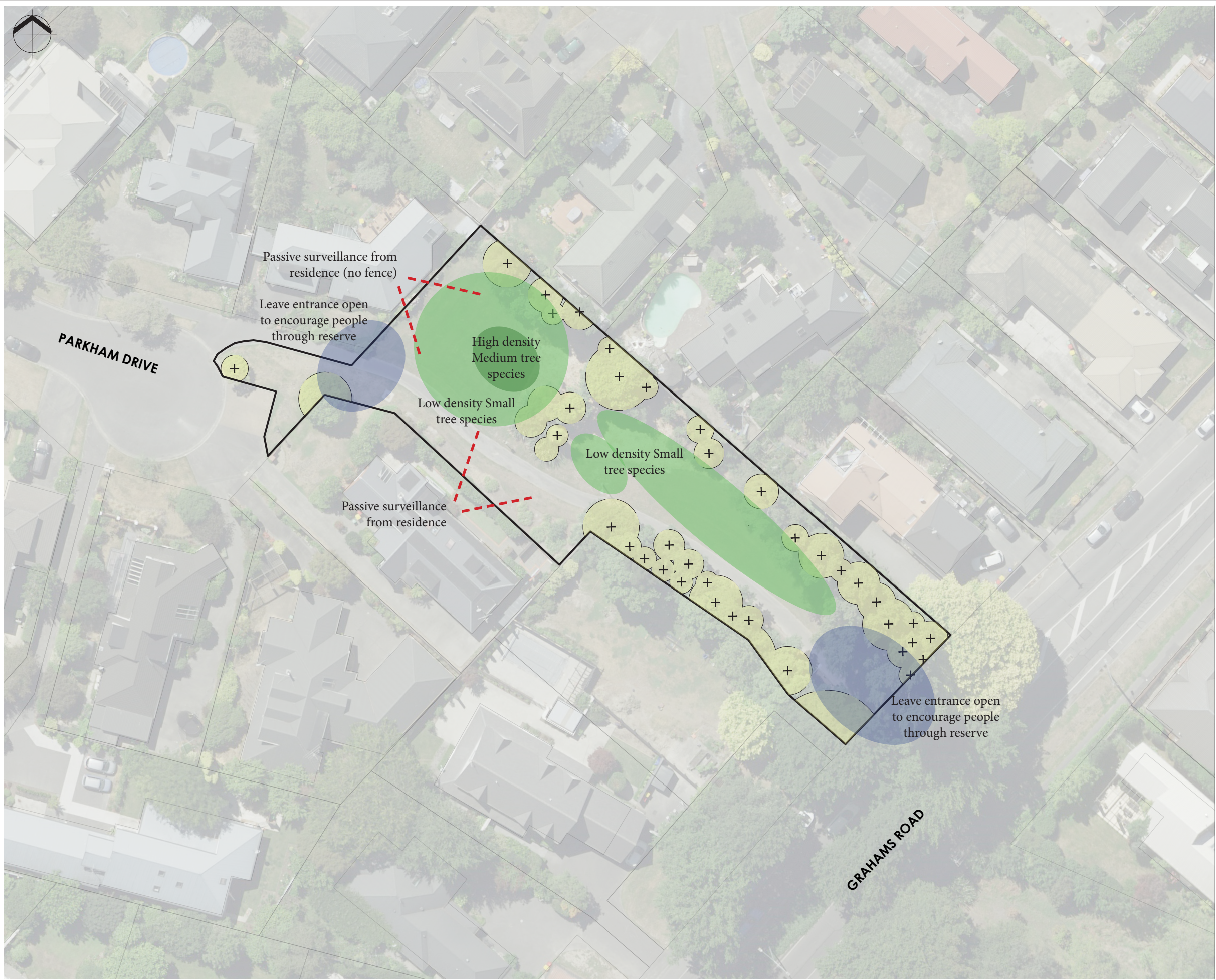
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Project: URBAN FOREST TREE PLANTING PLAN

Title: PARK RESERVE LOT BOUNDARY CROSS SECTION

Discipline	LANDSCAPE
Drawing No.	4672500-AL-P-003
Beca Project Number:	
Rev.	A



- LEGEND:**
- + EXISTING TREE LOCATION
 - EXISTING TREES/VEGETATION EXTENTS
 - EXISTING FOOTPATH
 - EXISTING RESERVE AREA 1,995m²

FOR CONSULTATION

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Project: URBAN FOREST TREE PLANTING PLAN

Title: PARK RESERVE CONCEPT PLAN

Discipline	LANDSCAPE
Drawing No.	Beca Project Number:
4672500-AL-P-004	Rev. A



PLANT SCHEDULE			
ID	QTY	TREE CATEGORY	TREE HEIGHT
SMALL	17	SMALL TREE	5-10m
MEDIUM	2	MEDIUM TREE	11-15m
LARGE	0	LARGE TREE	16-20m
VERY LARGE	0	VERY LARGE TREE	20m+

PARK CANOPY COVER SUMMARY		
EXISTING NUMBER OF TREES	APPROXIMATELY	37
EXISTING CANOPY COVER	APPROXIMATELY	29.5 %
PROPOSED NUMBER OF NEW TREES		19
PROPOSED NET CANOPY COVER (EXISTING VEGETATION AND PROPOSED)	APPROXIMATELY	45.2 %

- LEGEND:**
- + EXISTING TREE LOCATION
 - EXISTING TREES/VEGETATION EXTENTS
 - EXISTING FOOTPATH
 - EXISTING RESERVE AREA 1,995m²

- POTENTIAL TREE PLANTING AREAS:**
- 5m-10m TREE HEIGHT ZONES
 - 10m-15m TREE HEIGHT ZONES
 - 15-20m TREE HEIGHT ZONES
 - 20m+ TREE HEIGHT ZONES

- PROPOSED TREES:**
- SMALL TREE 5-10m
 - MEDIUM TREE 10-15m

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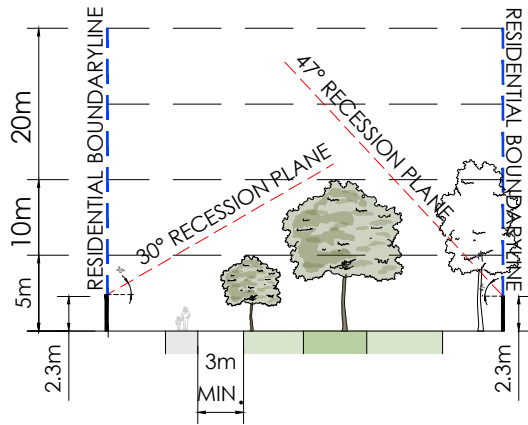
Client: Christchurch City Council

Project: URBAN FOREST TREE PLANTING PLAN

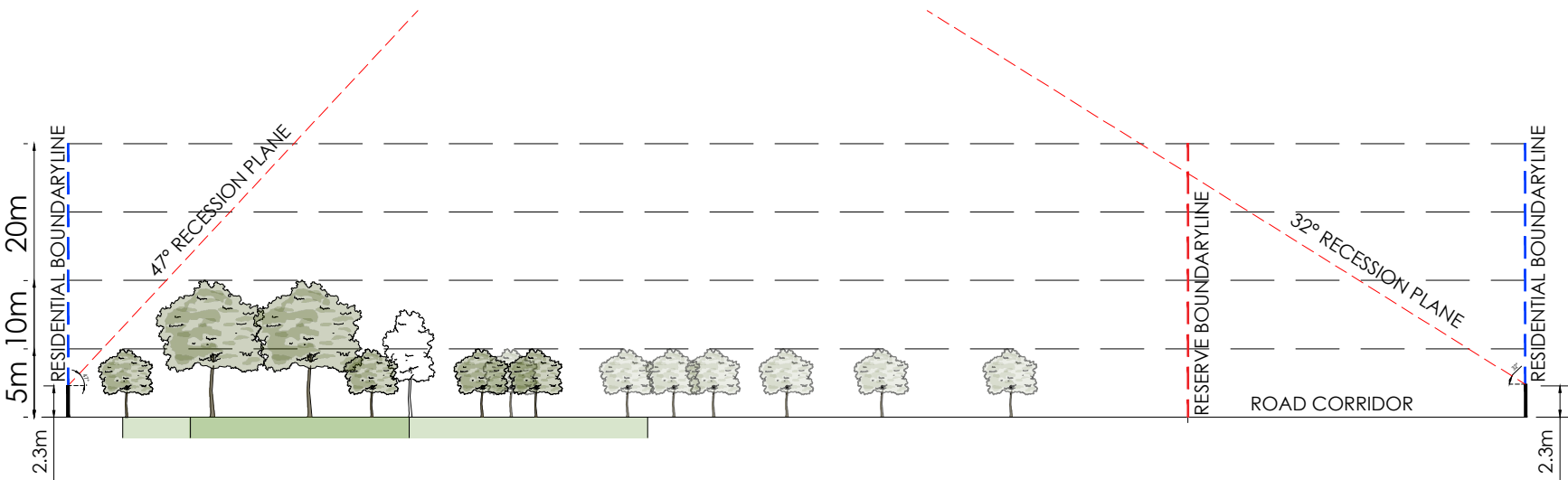
Title: PARK RESERVE INDICATIVE TREE PLANTING PLAN

Discipline	LANDSCAPE
Drawing No.	Beca Project Number:
4672500-AL-P-005	Rev. A

INDICATIVE BOUNDARY CROSS SECTIONS - POTENTIAL TREE PLANTING ZONES



CROSS SECTION 01



CROSS SECTION 02

LEGEND

PROPOSED TREE

EXISTING TREE

RECESSION PLANE ANGLE

BOUNDARY LINE

2.3m HEIGHT OF MEASURE POINT OF RECESSION PLANE

POTENTIAL TREE PLANTING AREAS:

5m-10m
TREE HEIGHT ZONES

10m-15m
TREE HEIGHT ZONES

15-20m
TREE HEIGHT ZONES

20m+
TREE HEIGHT ZONES

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Project:
URBAN FOREST
TREE PLANTING
PLAN

Title:
PARK RESERVE
LOT BOUNDARY
CROSS SECTION

Discipline	LANDSCAPE
Drawing No.	Beca Project Number:
4672500-AL-P-006	Rev. A

FOR CONSULTATION

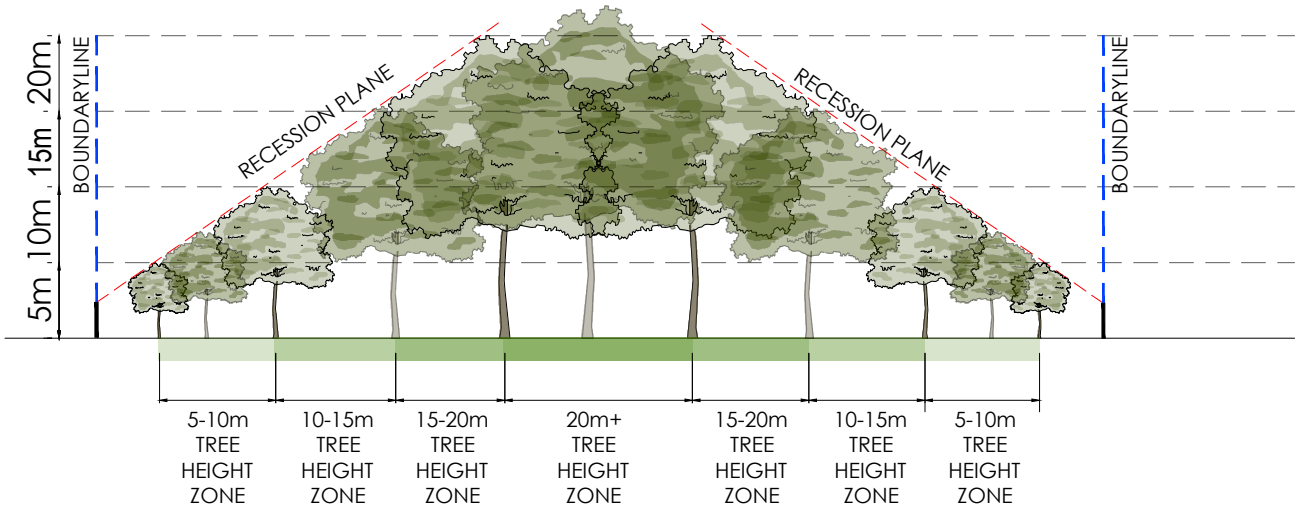
GUIDELINE SUMMARY:

- TREE PLANTING TO SPECIAL CHARACTER PARKS WILL CONTINUE THE ESTABLISHED THEME.
- TREES WILL BE POSITIONED APPROPRIATELY TO ALLOW FOR MANAGEMENT OF DEBRIS/LEAF LITTER.
- PLANTING ALONG WATERWAYS WILL BE PREDOMINANTLY NATIVE SPECIES.
- CHRISTCHURCH CITY COUNCIL WILL AIM FOR 40-60% OF NEW TREE PLANTINGS AS NATIVES.

TREE SETBACKS AND 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



LEGEND

- PROPOSED TREE
- EXISTING TREE
- RECESSION PLANE ANGLE
- BOUNDARY LINE
- 2.3m HEIGHT OF MEASURE POINT OF RECESSION PLANE

POTENTIAL TREE PLANTING AREAS:

- 5m-10m TREE HEIGHT ZONES
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Project: URBAN FOREST TREE PLANTING PLAN

Title: PARK RESERVE TREE PLANTING GUIDELINES

Discipline	LANDSCAPE
Drawing No.	4672500-AL-P-007
Beca Project Number:	
Rev.	A