



LANDSCAPE ARCHITECTURE

Project No 4672500

CHRISTCHURCH CITY COUNCIL
URBAN FOREST TREE
PLANTING PLANS

FOR CONSULTATION
CENTENNIAL
PARK

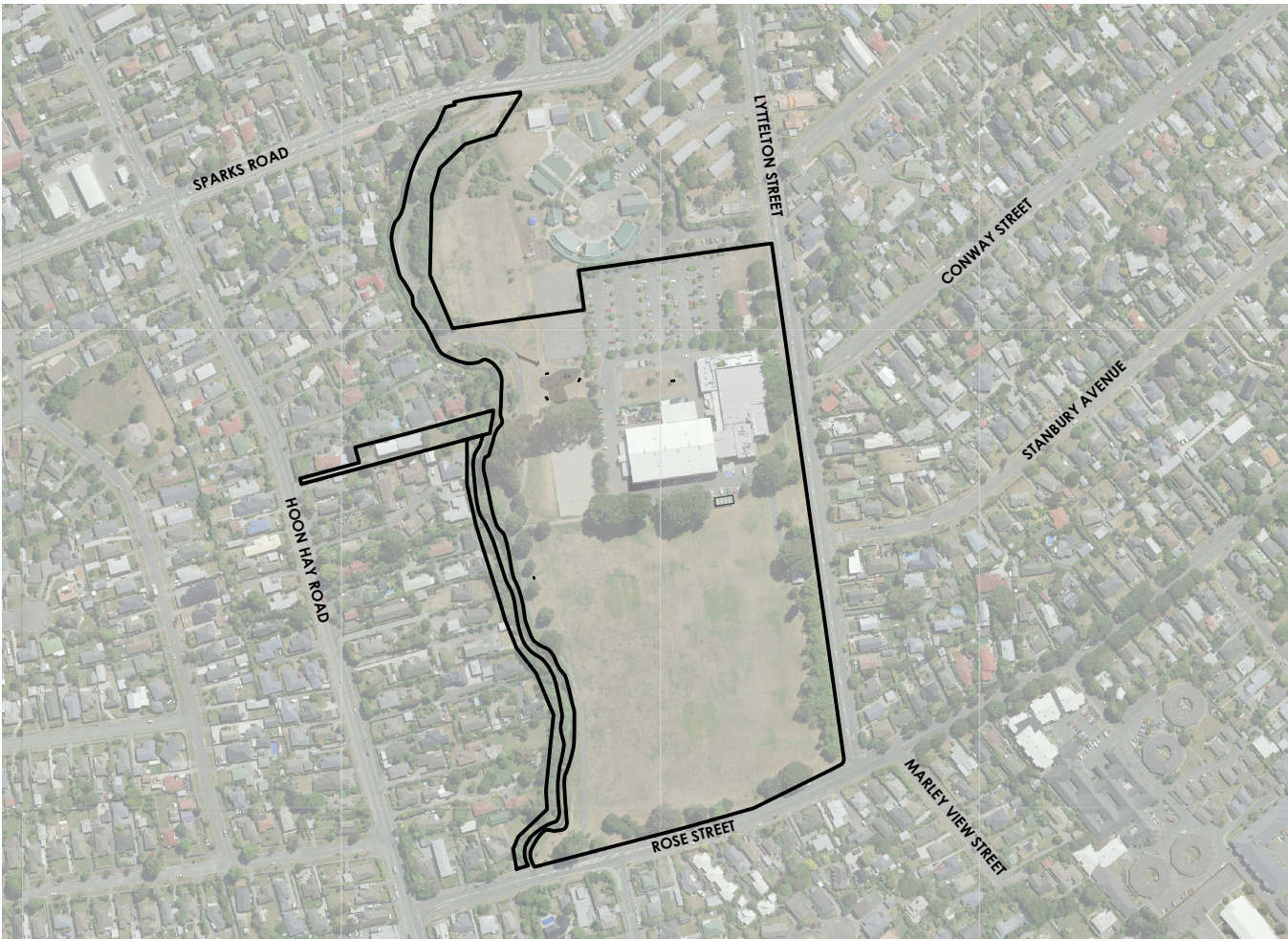
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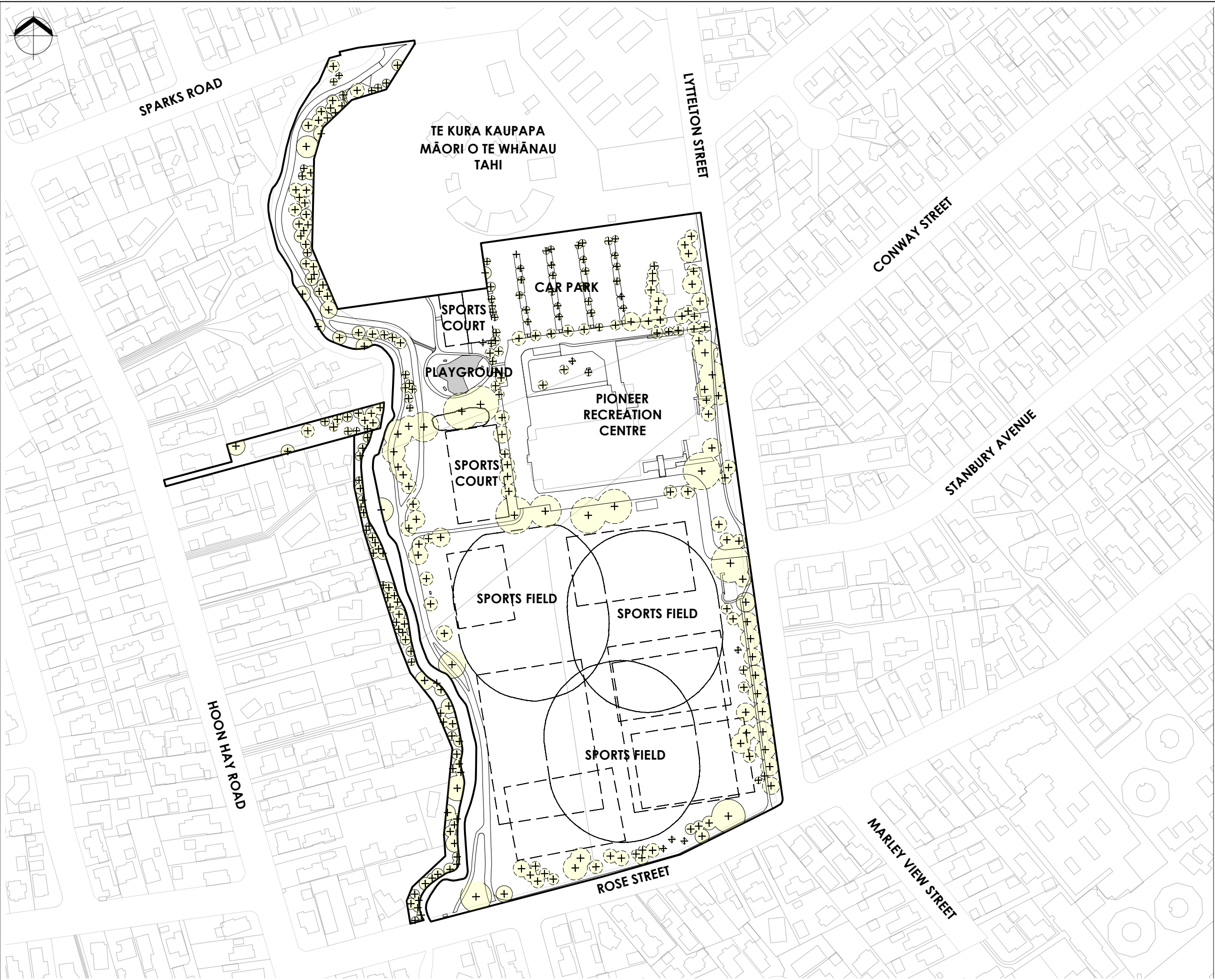


Beca

06 OCTOBER 2025

PARK DRAWING LIST		
DRAWING NO.	DRAWING TITLE	REVISION
4672500-AL-CE-000	TITLE PAGE AND DRAWING INDEX	A
4672500-AL-CE-001	EXISTING PLANTING	A
4672500-AL-CE-002	TREE PLANTING ZONES	A
4672500-AL-CE-003	LOT BOUNDARY CROSS SECTIONS	A
4672500-AL-CE-004	SITE CONCEPT PLAN	A
4672500-AL-CE-005	INDICATIVE TREE PLANTING PLAN	A
4672500-AL-CE-006	DETAILED TREE PLANTING PLANS	A
4672500-AL-CE-007	SITE WIDE CROSS SECTION	A
4672500-AL-CE-008	TREE PLANTING GUIDELINES	A





LEGEND:

- + EXISTING TREE LOCATION
- EXISTING TREES/VEGETATION
- EXISTING FOOTPATH
- PLAYGROUND
- EXISTING RESERVE AREA 100,875m²
- SPORTS FIELD EXTENTS

FOR CONSULTATION

A		CONSULTATION	RK	JB	GW	06.10.25
No.	Revision		By	Chk	Appd	Date

Original Scale (A3) 1:2500	Design	R KIRKWOOD	06.10.25	Approved For Construction*
	Drawn	R KIRKWOOD	06.10.25	
	Dsg Verifier	G WOOLFORD	06.10.25	
	Drg Check	J BYRNE	06.10.25	
	* Refer to Revision 1 for Original Signature		Date	



Project: URBAN FOREST TREE PLANTING PLAN

Title: CENTENNIAL PARK EXISTING PLANTING

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



LEGEND:

- + EXISTING TREE LOCATION
- EXISTING TREES/VEGETATION
- EXISTING FOOTPATH
- PLAYGROUND
- EXISTING RESERVE AREA 100,875m²
- SPORTS FIELD EXTENTS

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

A CONSULTATION		RK	JB	GW	06.10.25
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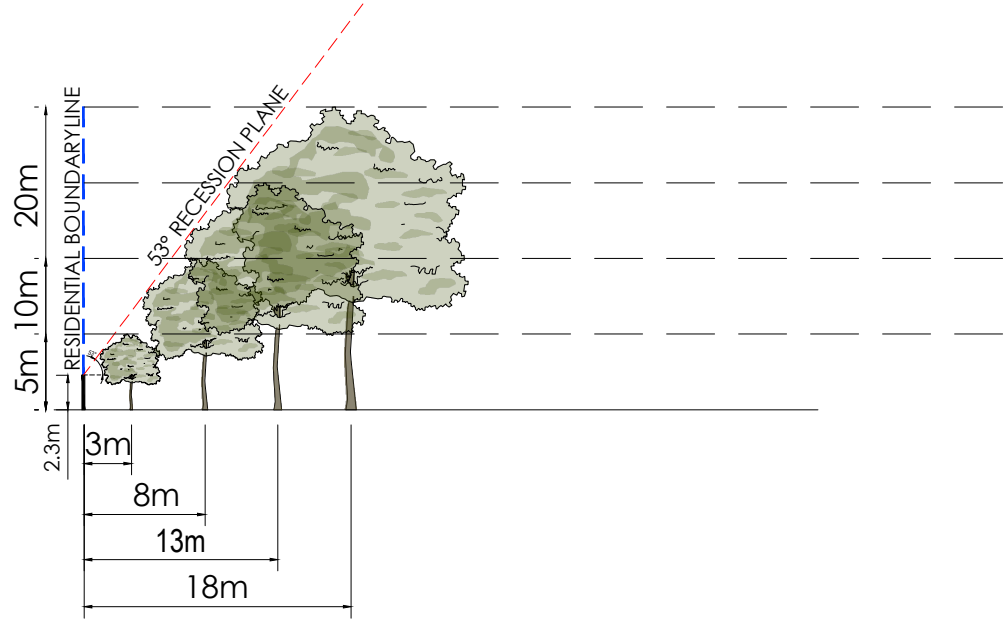


Project: URBAN FOREST TREE PLANTING PLAN

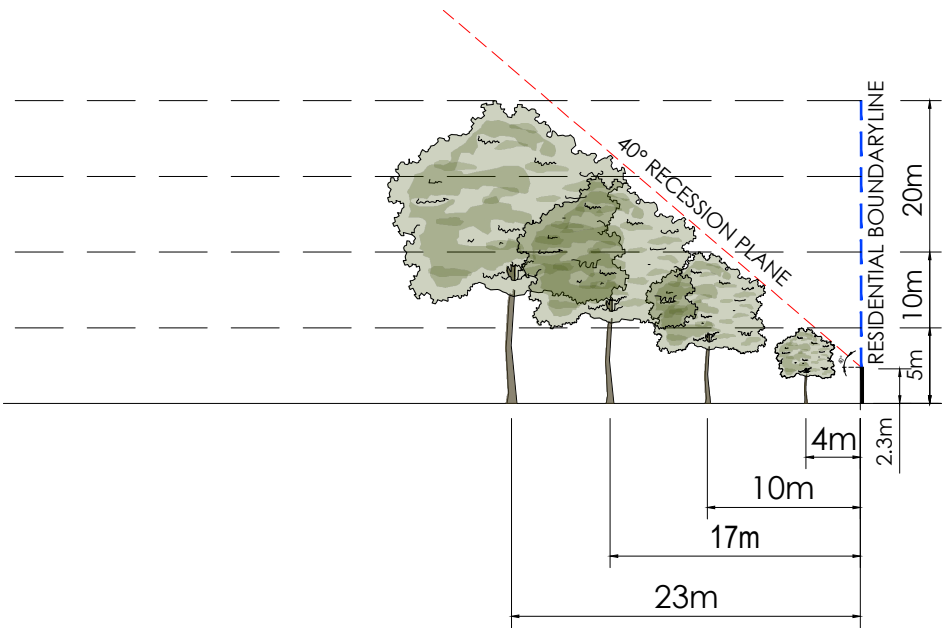
Title: CENTENNIAL PARK TREE PLANTING ZONES

Discipline	LANDSCAPE	
Drawing No.	Beca Project Number:	Rev.
4672500-AL-CE-002		A

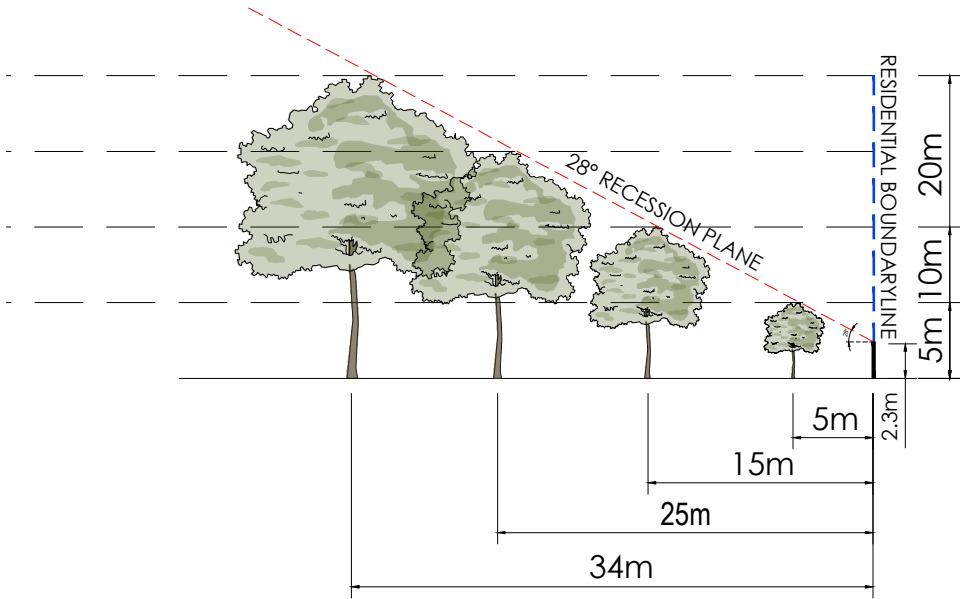
INDICATIVE BOUNDARY CROSS SECTIONS - POTENTIAL TREE PLANTING ZONES



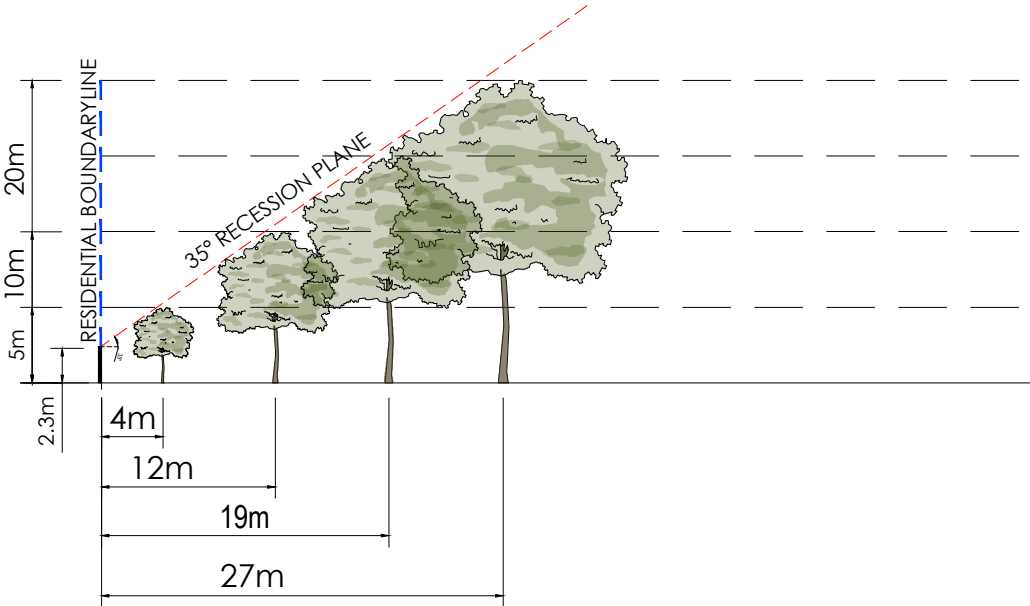
CROSS SECTION AA



CROSS SECTION BB



CROSS SECTION CC



CROSS SECTION DD

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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A	CONSULTATION	RK	JB	GW	06.10.25

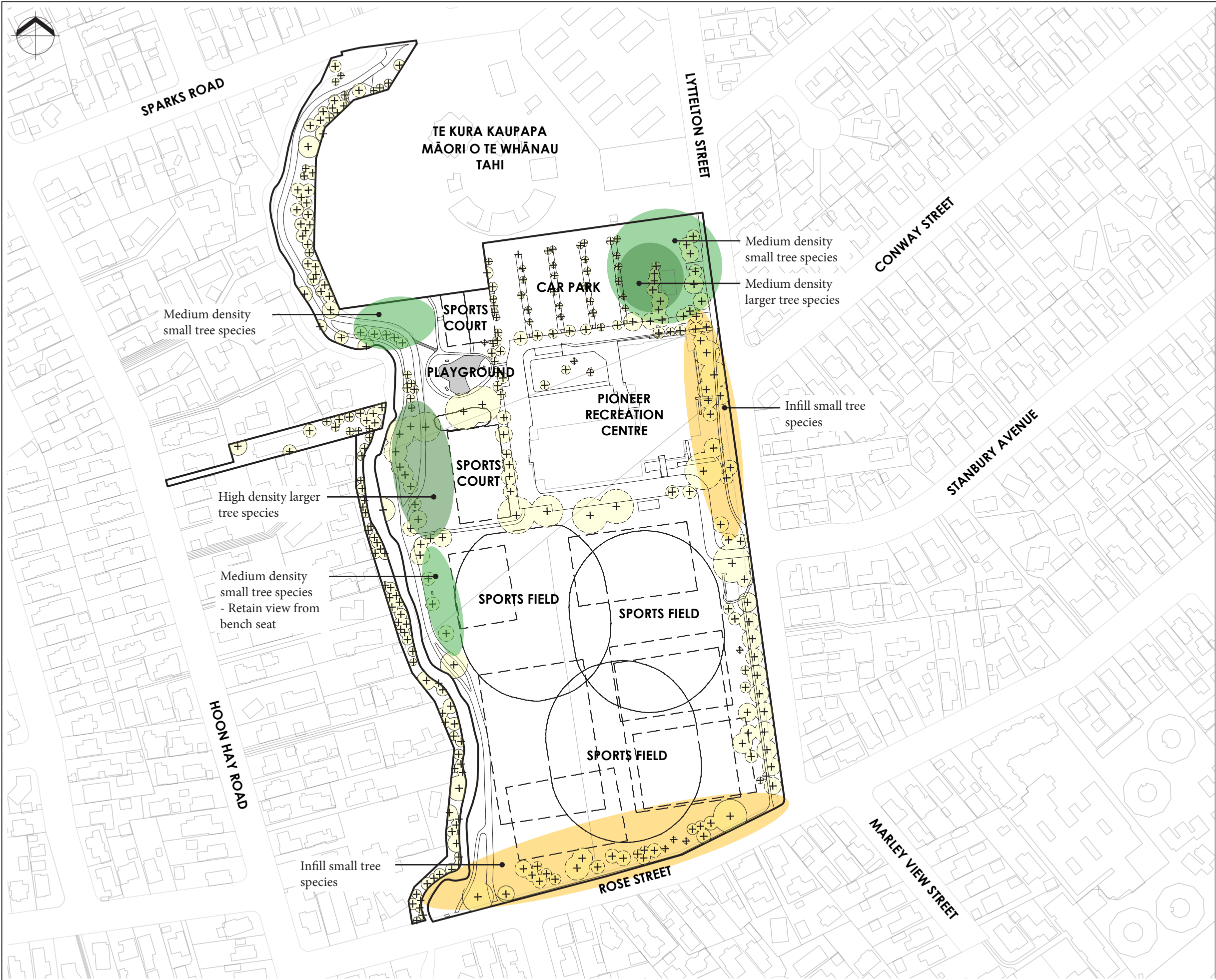
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	Dsg Verifier	G WOOLFORD	06.10.25	
	Drg Check	J BYRNE	06.10.25	Date
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Project: URBAN FOREST TREE PLANTING PLAN

Title: CENTENNIALPARK LOT BOUNDARY CROSS SECTIONS

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



LEGEND:

- + EXISTING TREE LOCATION
- EXISTING TREES/VEGETATION
- EXISTING FOOTPATH
- PLAYGROUND
- EXISTING RESERVE AREA 100,875m²
- SPORTS FIELD EXTENTS

FOR CONSULTATION

A CONSULTATION		RK	JB	GW	06.10.25
No.	Revision	By	Chk	Appd	Date

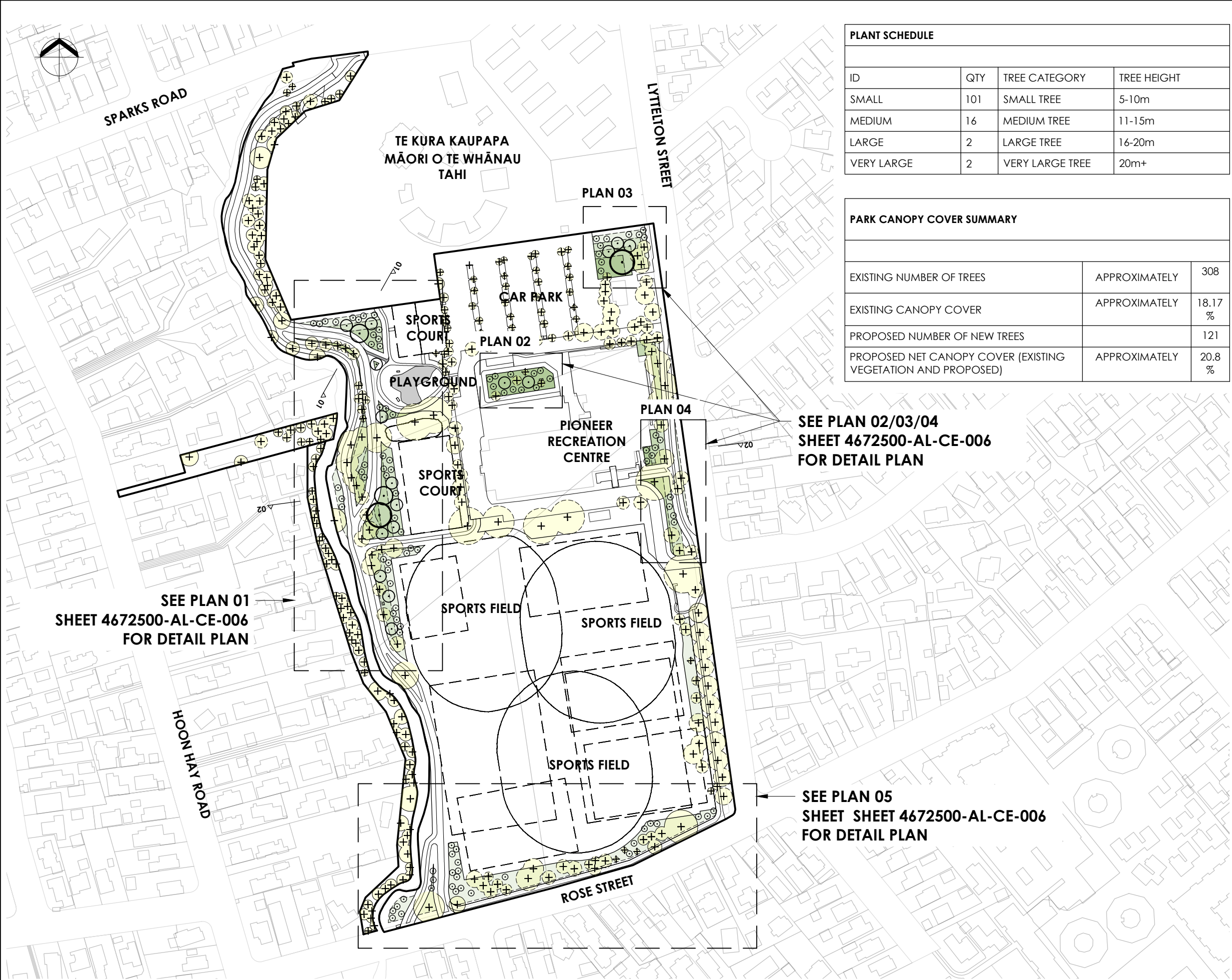
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Project: URBAN FOREST TREE PLANTING PLAN

Title: CENTENNIAL PARK SITE CONCEPT PLAN

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



PLANT SCHEDULE			
ID	QTY	TREE CATEGORY	TREE HEIGHT
SMALL	101	SMALL TREE	5-10m
MEDIUM	16	MEDIUM TREE	11-15m
LARGE	2	LARGE TREE	16-20m
VERY LARGE	2	VERY LARGE TREE	20m+

PARK CANOPY COVER SUMMARY		
EXISTING NUMBER OF TREES	APPROXIMATELY	308
EXISTING CANOPY COVER	APPROXIMATELY	18.17 %
PROPOSED NUMBER OF NEW TREES		121
PROPOSED NET CANOPY COVER (EXISTING VEGETATION AND PROPOSED)	APPROXIMATELY	20.8 %

LEGEND:

- + EXISTING TREE LOCATION
- EXISTING TREES/VEGETATION
- EXISTING FOOTPATH
- PLAYGROUND
- EXISTING RESERVE AREA 100,875m²
- SPORTS FIELD EXTENTS

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
- LARGE TREE 15-20m
- EXTRA LARGE TREE 20m+

FOR CONSULTATION

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A	CONSULTATION	RK	JB	GW	06.10.25

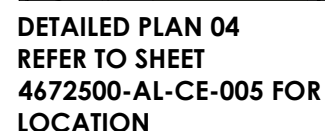
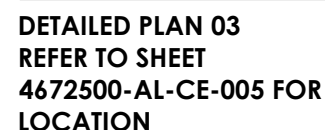
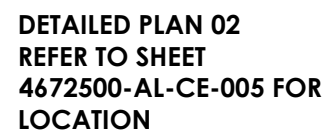
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Project: URBAN FOREST TREE PLANTING PLAN

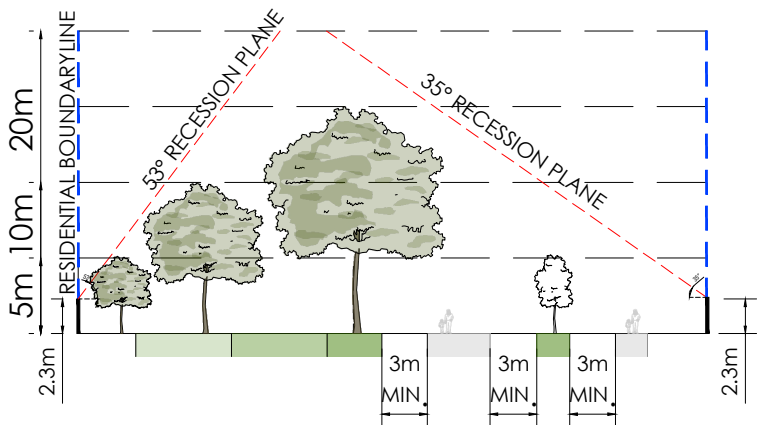
Title: CENTENNIALPARK INDICATIVE TREE PLANTING PLAN

Discipline	LANDSCAPE
Drawing No.	4672500-AL-CE-005
Rev.	A

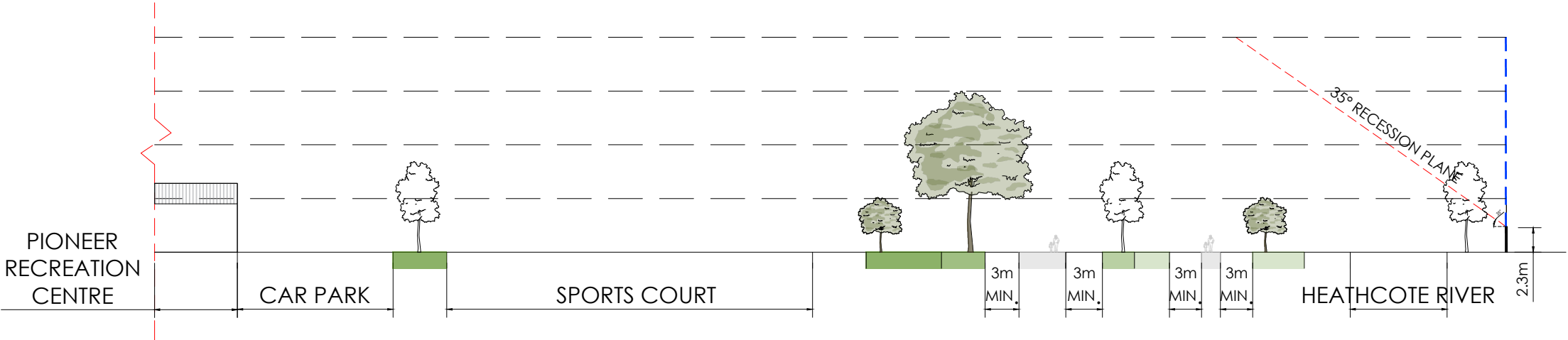
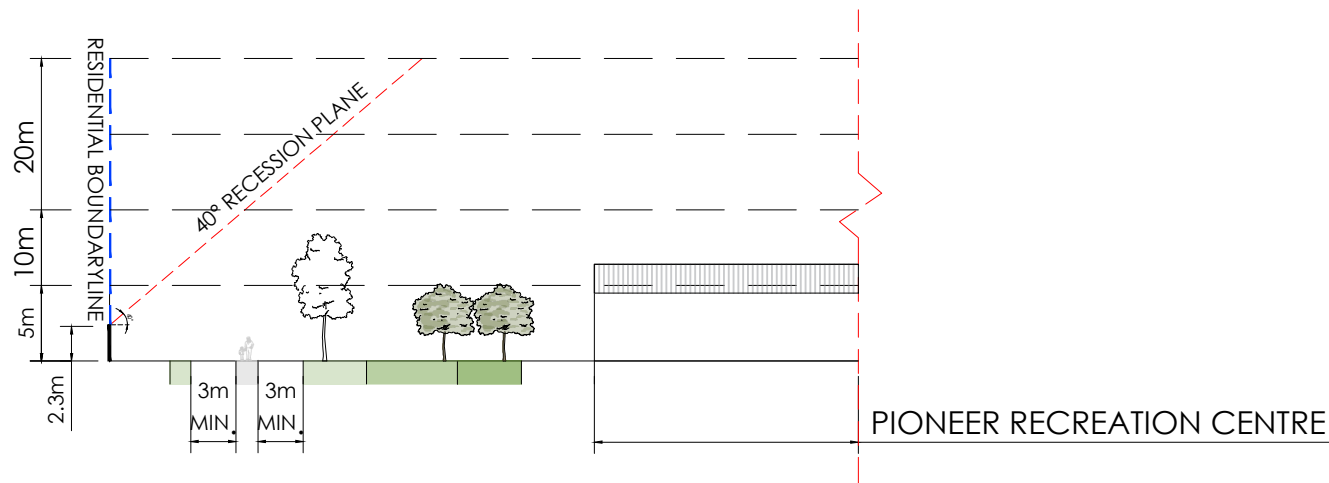


Discipline	LANDSCAPE
Drawing No.	Beca Project Number:
4672500-AI-CE-006	

CROSS SECTIONS - PROPOSED TREE PLANTING



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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Client: URBAN FOREST TREE PLANTING PLAN

Project: CENTENNIALPARK SITE WIDE CROSS SECTIONS

Discipline	LANDSCAPE
Drawing No.	4672500-AL-CE-007
Rev.	A

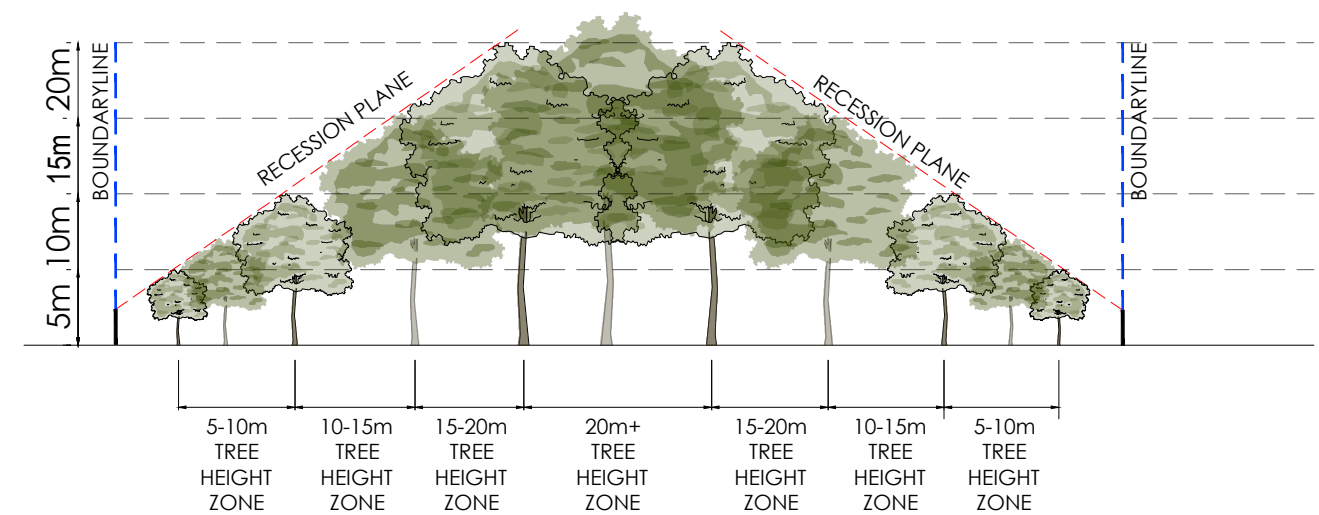
GUIDELINE SUMMARY:

- 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 RECESSON 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
-  RECESSON PLANE ANGLE
-  BOUNDARY LINE
-  2.3m HEIGHT OF MEASURE POINT OF RECESSON 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: CENTENNIALPARK TREE PLANTING GUIDELINES

Discipline	LANDSCAPE
Drawing No.	4672500-AL-CE-008
Beca Project Number:	
Rev.	A