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



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LANDSCAPE ARCHITECTURE

Project No 4672500

CHRISTCHURCH CITY COUNCIL URBAN FOREST TREE PLANTING PLANS

FOR CONSULTATION

TOORAK RESERVE

Prepared for

Christchurch City Council

Beca

SEPTEMBER 2026

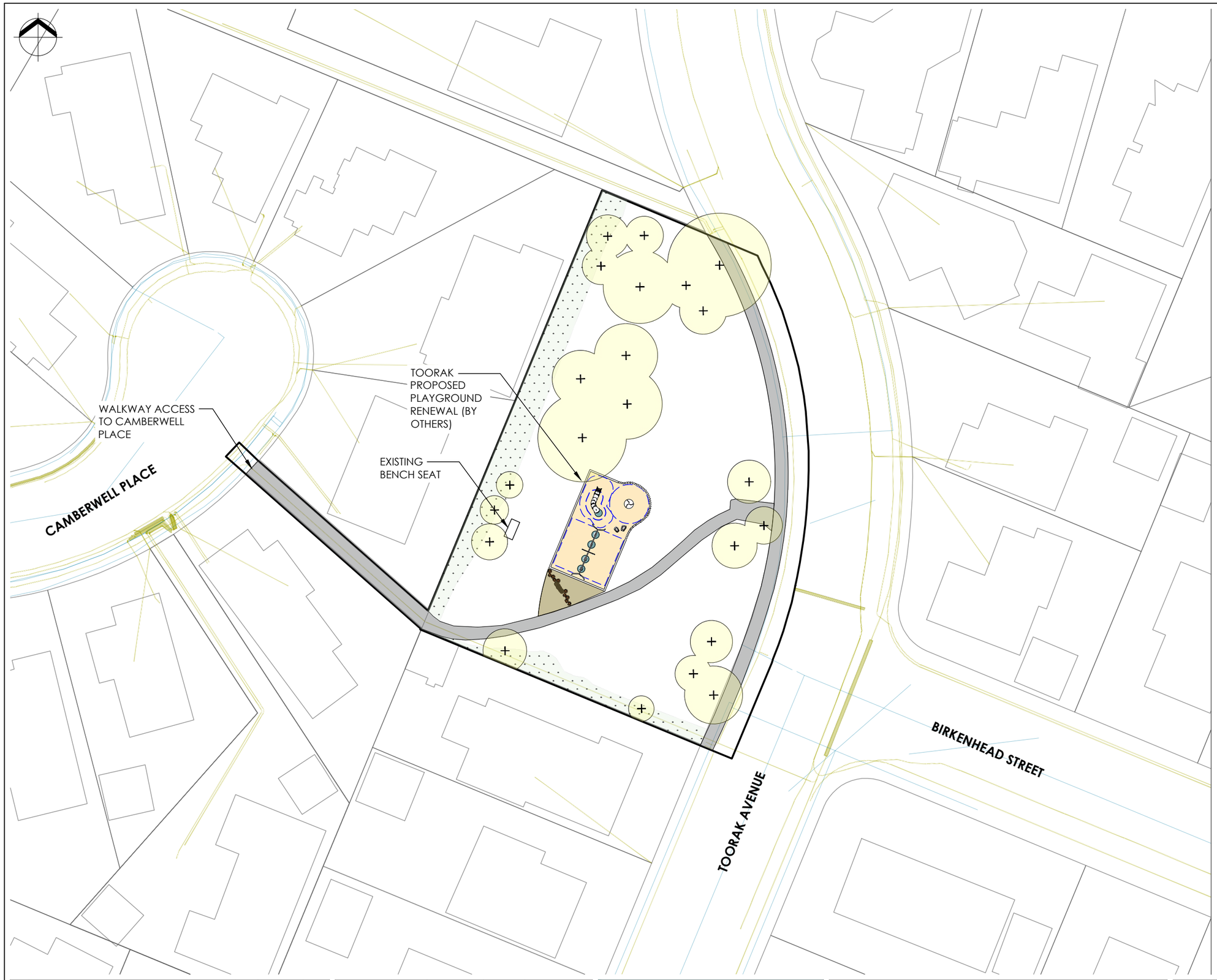
ORIGINAL DRAWING IN COLOUR

FOR CONSULTATION

Drawing No. 4672500-AL-TR-000 A

Document No. 4672500-AL-TR-LEE-000

Drawing Plotted: 18 Sept 2026 1:03 pm



LEGEND:

- BOUNDARY LINE
- WW/SW SERVICES
- ELECTRICAL SERVICES
- EXISTING FOOTPATH
- EXISTING TREE LOCATION
- EXISTING TREE CANOPY
- EXISTING JUVENILE TREE WITH PREDICTED CANOPY
- EXISTING LOW VEGETATION
- PROPOSED PLAYGROUND
- EXISTING RESERVE AREA 2,578m²

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ORIGINAL DRAWING IN COLOUR

FOR CONSULTATION

No.	Revision	By	Chk	Appd	Date
A	FOR CONSULTATION	RK	KE	JB	16.09.26

Original Scale (A3) 1:500

Design	R KIRKWOOD	24.08.26	Approved For Construction*
Drawn	R KIRKWOOD	24.08.26	
Dsg Verifier	J BYRNE	28.08.26	
Drg Check	K ELLIOTT	27.08.26	Date

* Refer to Revision 1 for Original Signature

Beca

Client: Christchurch City Council

Project: URBAN FOREST TREE PLANTING PLAN

Title: TOORAK RESERVE EXISTING PLANTING

Discipline: LANDSCAPE

Drawing No. / Beca Project Number: 4672500-AL-TR-001

Rev. A

Document No. 4672500-AL-TOORAK RESERVE-000.DWG

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Drawing Plotted: 18 Sept 2026 1:03 pm



NOTES:

1. OPEN SPACE TO BE RETAINED FOR INFORMAL RECREATION AND PICNICKERS

LEGEND:

- BOUNDARY LINE
- WW/SW SERVICES
- ELECTRICAL SERVICES
- EXISTING FOOTPATH
- EXISTING TREE LOCATION
- EXISTING TREE CANOPY
- EXISTING JUVENILE TREE WITH PREDICTED CANOPY
- EXISTING LOW VEGETATION
- PROPOSED PLAYGROUND
- EXISTING RESERVE AREA 2,578m²

POTENTIAL TREE PLANTING AREAS:

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

ORIGINAL DRAWING IN COLOUR

FOR CONSULTATION

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A	FOR CONSULTATION	RK	KE	JB	16.09.26

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Dsg Verifier	J BYRNE	28.08.26	
Drg Check	K ELLIOTT	27.08.26	Date
* Refer to Revision 1 for Original Signature			

Beca

Client: Christchurch City Council

Project: URBAN FOREST TREE PLANTING PLAN

Title: TOORAK RESERVE TREE PLANTING ZONES

Discipline: LANDSCAPE

Drawing No. / Beca Project Number: 4672500-AL-TR-002

Rev. A

Document No. 4672500-AL-TOORAK RESERVE-000.DWG

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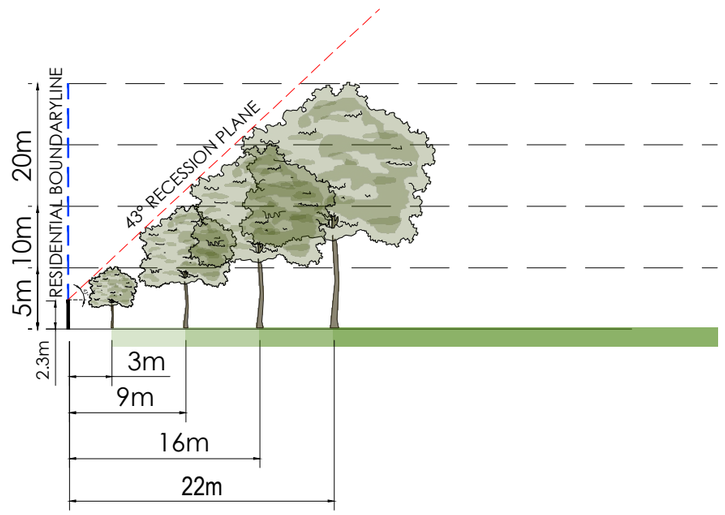
INDICATIVE BOUNDARY CROSS SECTIONS - POTENTIAL TREE PLANTING ZONES



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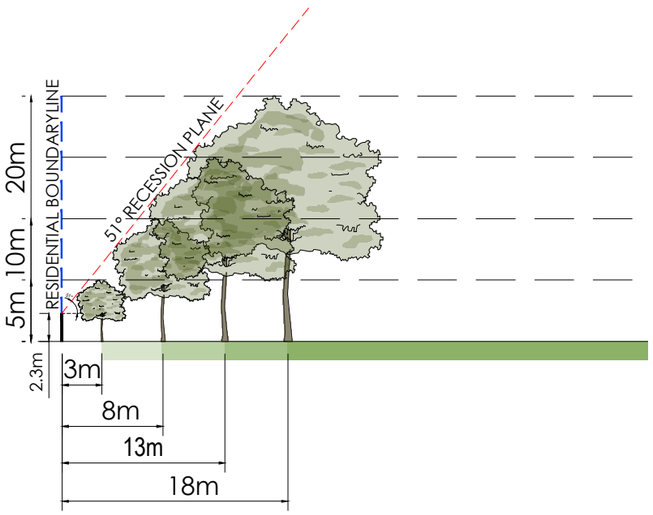

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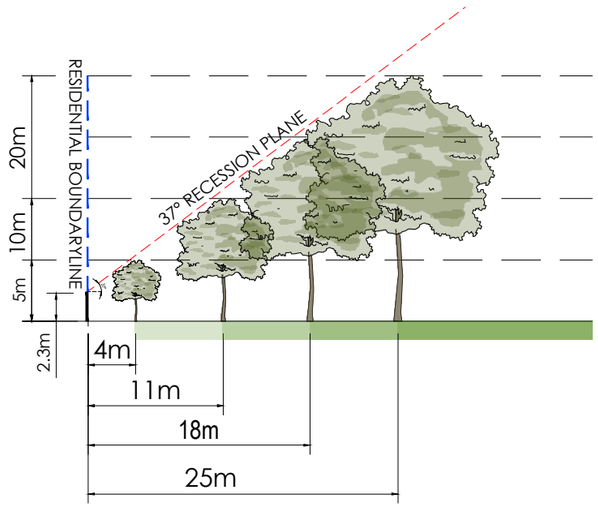

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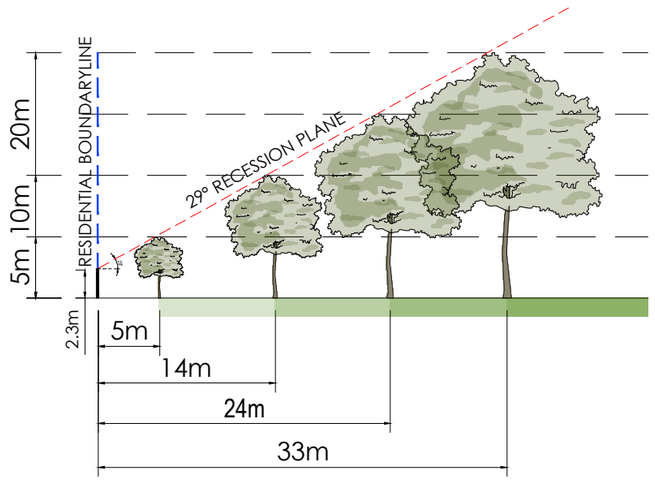

CROSS SECTION DD

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

ORIGINAL DRAWING IN COLOUR

FOR CONSULTATION

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A	FOR CONSULTATION	RK	KE	JB	16.09.26

Original Scale (A3) 1:500

Design	R KIRKWOOD	24.08.26	Approved For Construction*
Drawn	R KIRKWOOD	24.08.26	
Dsg Verifier	J BYRNE	28.08.26	
Drg Check	K ELLIOTT	27.08.26	Date

* Refer to Revision 1 for Original Signature

Client: Christchurch City Council

Project: URBAN FOREST TREE PLANTING PLAN

Title: TOORAK RESERVE LOT BOUNDARY CROSS SECTIONS

Discipline: LANDSCAPE

Drawing No. 4672500-AL-TR-003 | Beca Project Number: | Rev. A

Document No. 4672500-AL-TOORAK RESERVE-000.DWG

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NOTES:

1. OPEN SPACE TO BE RETAINED FOR INFORMAL RECREATION AND PICNICKERS

LEGEND:

- RETAINED PLAYGROUND VIEW FROM BENCH SEAT
- POTENTIAL TREE PLANTING ZONES
- RETAINED OPEN AREA
- NO TREE PLANTING ZONE

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ORIGINAL DRAWING IN COLOUR

FOR CONSULTATION

No.	Revision	By	Chk	Appd	Date
A	FOR CONSULTATION	RK	KE	JB	14.09.26

Original Scale (A3)	Design	R KIRKWOOD	24.08.26
1:500	Drawn	R KIRKWOOD	24.08.26
	Dsg Verifier	J BYRNE	28.08.26
	Drg Check	K ELLIOTT	27.08.26

Approved For Construction* Date

* Refer to Revision 1 for Original Signature

Client: Christchurch City Council

Project: URBAN FOREST TREE PLANTING PLAN

Title: TOORAK RESERVE SITE CONCEPT

Discipline: LANDSCAPE

Drawing No.: 4672500-AL-TR-004

Beca Project Number:

Rev.: A

Document No. 4672500-AL-TOORAK RESERVE-000.DWG

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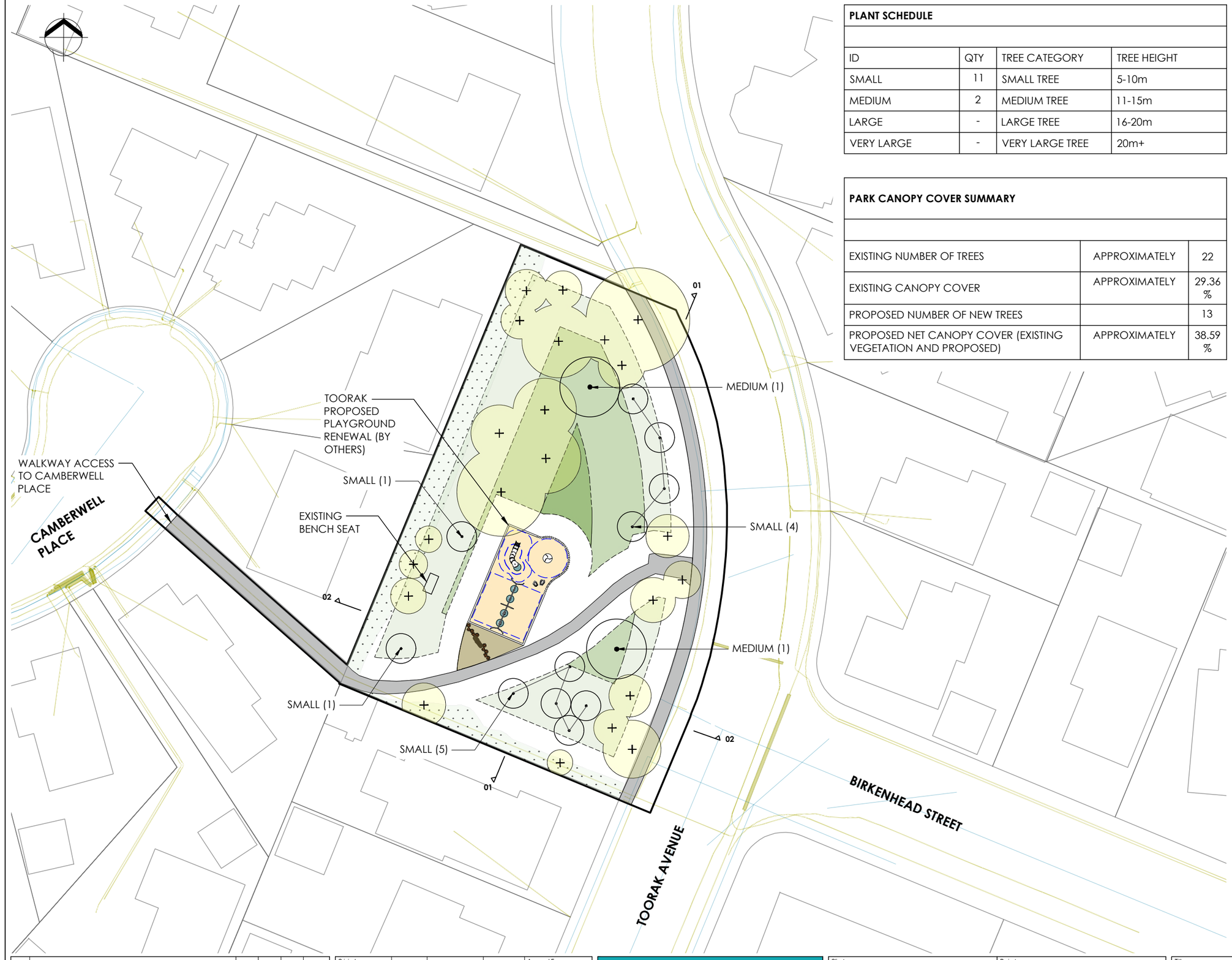

PLANT SCHEDULE

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

PARK CANOPY COVER SUMMARY

EXISTING NUMBER OF TREES	APPROXIMATELY	22
EXISTING CANOPY COVER	APPROXIMATELY	29.36 %
PROPOSED NUMBER OF NEW TREES		13
PROPOSED NET CANOPY COVER (EXISTING VEGETATION AND PROPOSED)	APPROXIMATELY	38.59 %

NOTES:

1. OPEN SPACE TO BE RETAINED FOR INFORMAL RECREATION AND PICNICKERS

LEGEND:

- BOUNDARY LINE
- WW/SW SERVICES
- ELECTRICAL SERVICES
- EXISTING FOOTPATH
- EXISTING TREE LOCATION
- EXISTING TREE CANOPY
- EXISTING JUVENILE TREE WITH PREDICTED CANOPY
- EXISTING LOW VEGETATION
- PROPOSED PLAYGROUND
- EXISTING RESERVE AREA 2,578m²

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

ORIGINAL DRAWING IN COLOUR

FOR CONSULTATION

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A	FOR CONSULTATION	RK	KE	JB	16.09.26

Original Scale (A3) 1:500

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Dsg Verifier	J BYRNE	28.08.26	
Drg Check	K ELLIOTT	27.08.26	Date

* Refer to Revision 1 for Original Signature

Client: Christchurch City Council

Project: URBAN FOREST TREE PLANTING PLAN

Title: TOORAK RESERVE INDICATIVE TREE PLANTING PLAN

Discipline: LANDSCAPE

Drawing No. 4672500-AL-TR-005 | Beca Project Number: | Rev. A

Document No. 4672500-AL-TOORAK RESERVE-000.DWG

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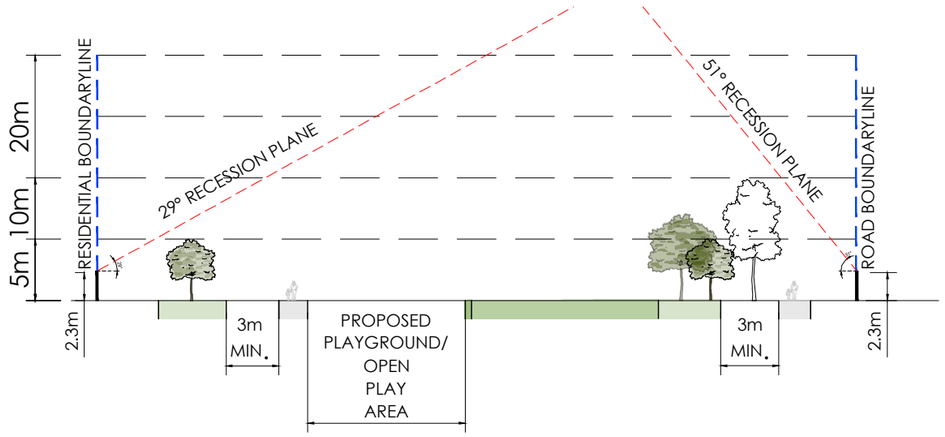
CROSS SECTIONS - PROPOSED TREE PLANTING



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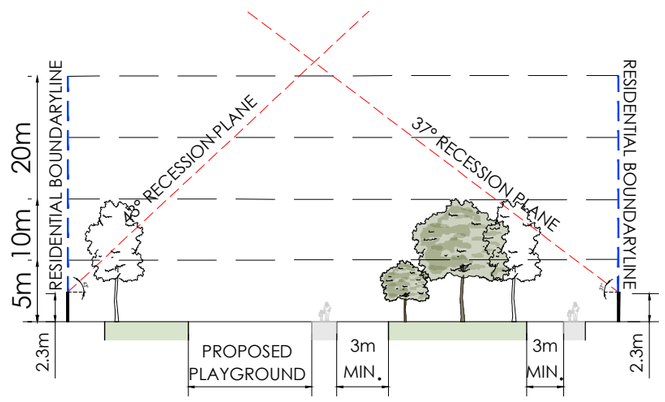

CROSS SECTION 02

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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ORIGINAL DRAWING IN COLOUR

FOR CONSULTATION

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Dsg Verifier	J BYRNE	28.08.26	
Drg Check	K ELLIOTT	27.08.26	Date
* Refer to Revision 1 for Original Signature			

Client: Christchurch City Council

Project: URBAN FOREST TREE PLANTING PLAN

Title: TOORAK RESERVE SIDE WIDE SECTIONS

Discipline: LANDSCAPE

Drawing No.: 4672500-AL-TR-006

Beca Project Number:

Rev.: A

Document No. 4672500-AL-TOORAK RESERVE-000.DWG

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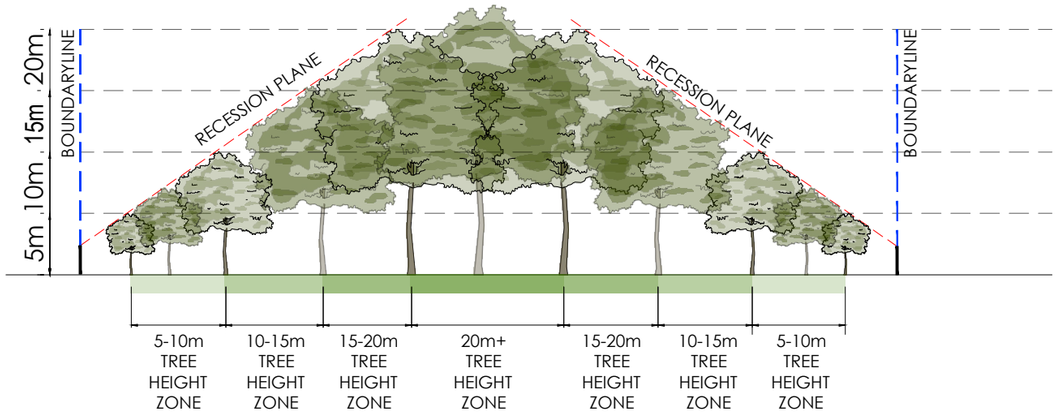
GUIDELINE SUMMARY:

- 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:

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ORIGINAL DRAWING IN COLOUR

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No.	Revision	By	Chk	Appd	Date
A	FOR CONSULTATION	RK	KE	JB	16.09.26

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Dsg Verifier	J BYRNE	28.08.26	
Drg Check	K ELLIOTT	27.08.26	Date

* Refer to Revision 1 for Original Signature

Client: Christchurch City Council

Project: URBAN FOREST TREE PLANTING PLAN

Title: TOORAK RESERVE TREE PLANTING GUIDELINES

Discipline: LANDSCAPE

Drawing No. 4672500-AL-TR-007 | Beca Project Number: | Rev. A

Document No. 4672500-AL-TOORAK RESERVE-000.DWG

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