



LANDSCAPE ARCHITECTURE

Project No 4672500

CHRISTCHURCH CITY COUNCIL
URBAN FOREST TREE
PLANTING PLANS

FOR CONSULTATION
DISRAELI
RESERVE

Prepared for

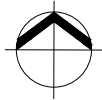


Beca

03 OCTOBER 2025

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





LEGEND:

- + EXISTING TREE LOCATION
- EXISTING TREES/VEGETATION
- EXISTING SWALE DEPRESSION
- EXISTING FOOTPATH
- EXISTING RESERVE AREA 2,404m²

SELWYN STREET

DISRAELI STREET

RESERVE ACCESS TO SELWYN STREET

EXISTING BENCH SEAT

RESERVE ACCESS TO DISRAELI STREET

EXISTING BENCH SEAT

FOR CONSULTATION

A	CONSULTATION	RK	JB	GW	03.10.25
No.	Revision	By	Chk	Appd	Date

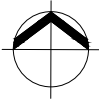
Original Scale (A3)	Design	R KIRKWOOD	03.10.25	Approved For Construction*
1:450	Drawn	R KIRKWOOD	03.10.25	
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	* Refer to Revision 1 for Original Signature			



Project: URBAN FOREST TREE PLANTING PLAN

Title: DISRAELI RESERVE EXISTING PLANTING

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



LEGEND:

- + EXISTING TREE LOCATION
- EXISTING TREES/VEGETATION
- EXISTING SWALE DEPRESSION
- EXISTING FOOTPATH
- EXISTING RESERVE AREA 2,404m²

POTENTIAL TREE PLANTING AREAS:

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

SELWYN STREET

DISRAELI STREET

EXISTING BENCH SEAT

RESERVE ACCESS TO SELWYN STREET

RESERVE ACCESS TO DISRAELI STREET

EXISTING BENCH SEAT

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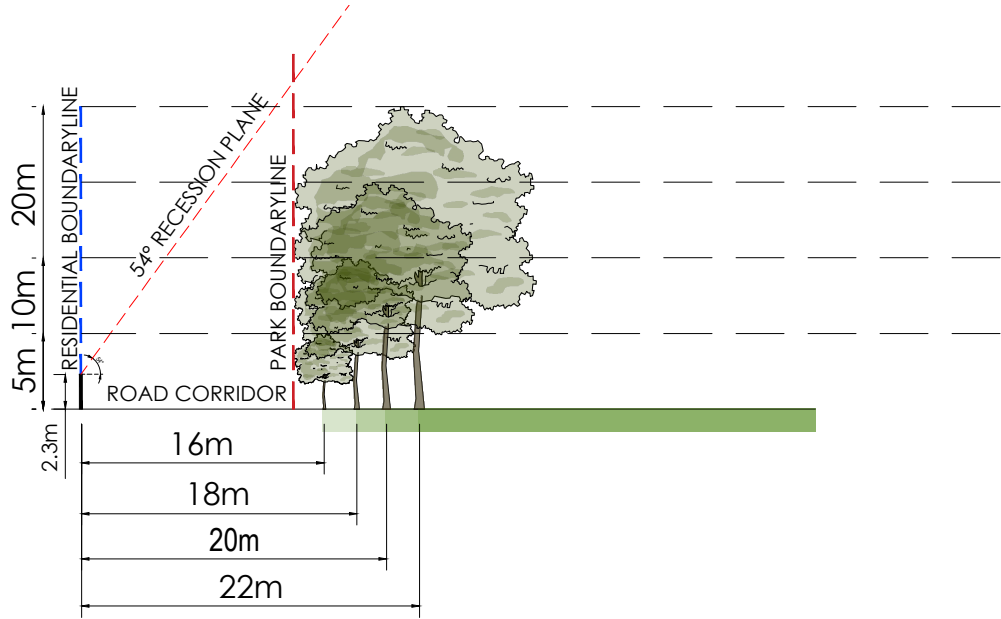


Project: URBAN FOREST TREE PLANTING PLAN

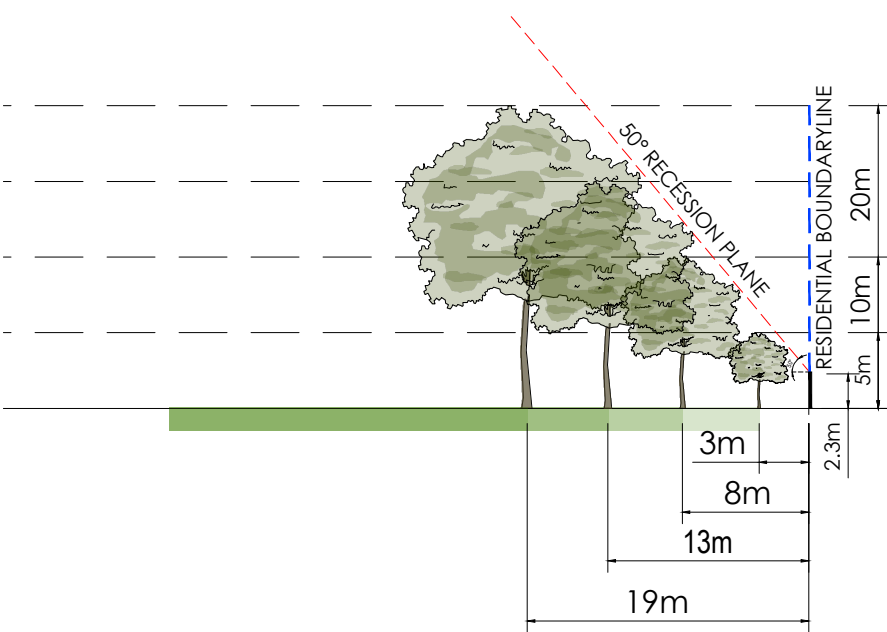
Title: DISRAELI RESERVE TREE PLANTING ZONES

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

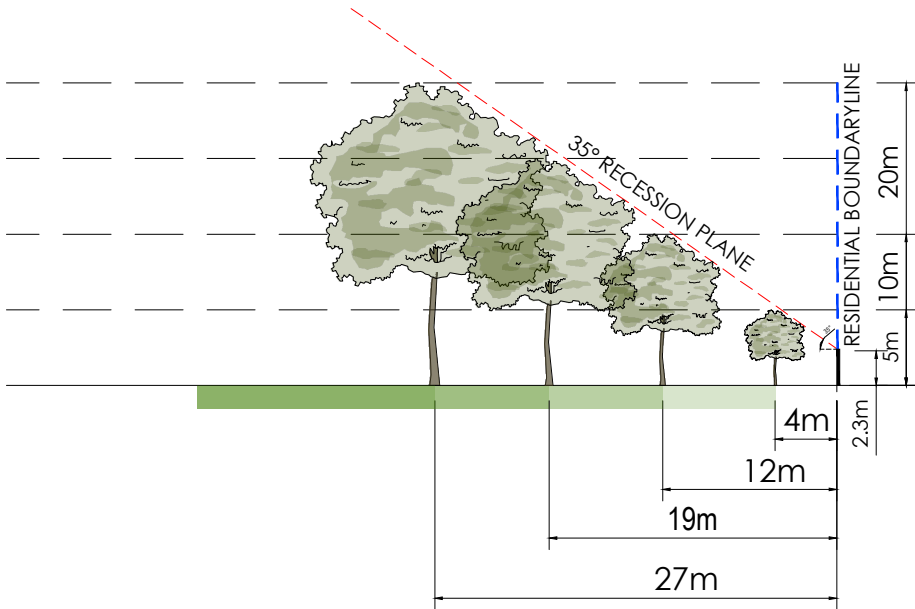
INDICATIVE BOUNDARY CROSS SECTIONS - POTENTIAL TREE PLANTING ZONES



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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A	CONSULTATION	RK	JB	GW	03.10.25

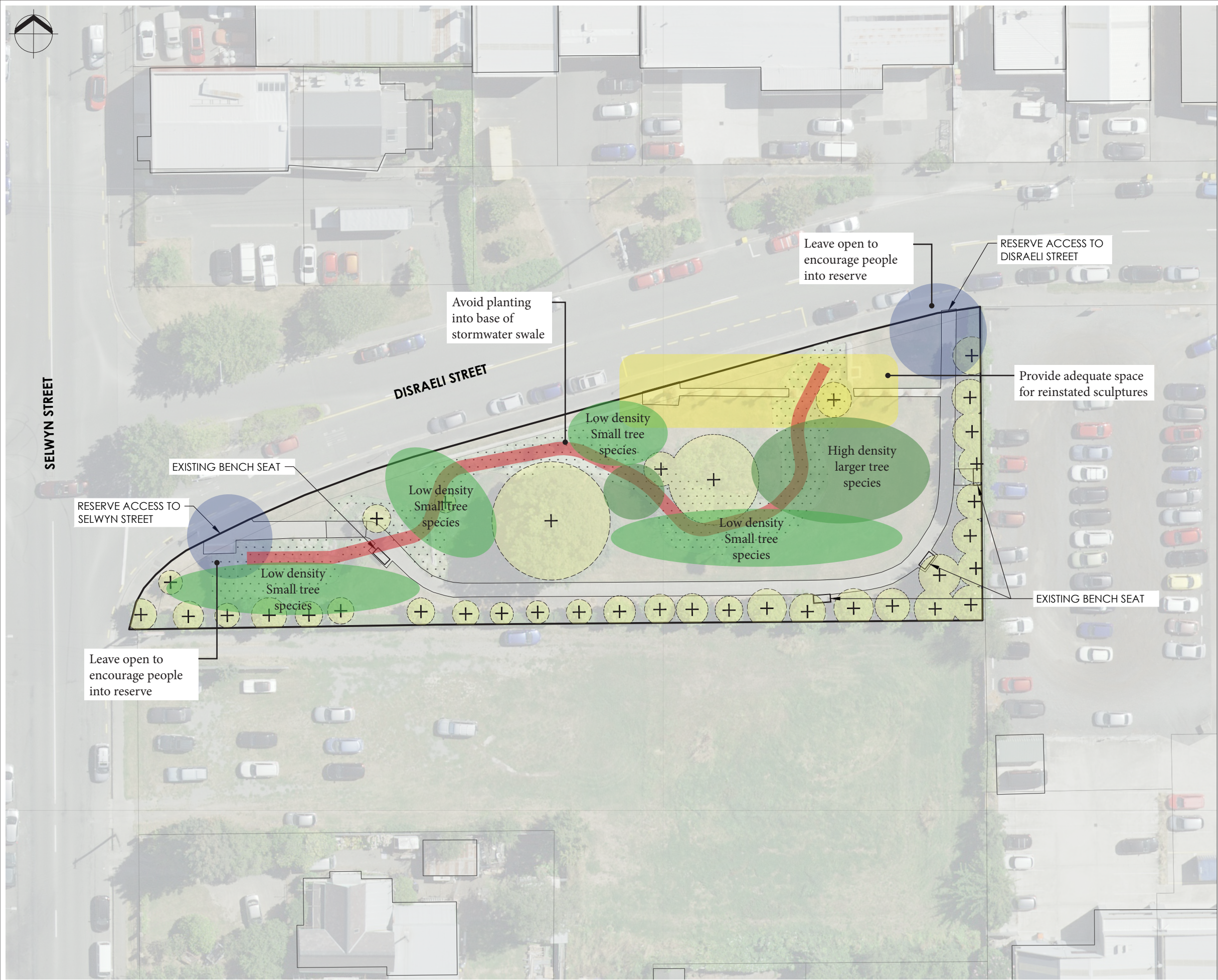
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Project: URBAN FOREST TREE PLANTING PLAN

Title: DISRAELI RESERVE LOT BOUNDARY CROSS SECTIONS

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



LEGEND:

- + EXISTING TREE LOCATION
- EXISTING TREES/VEGETATION
- EXISTING SWALE DEPRESSION
- EXISTING FOOTPATH
- EXISTING RESERVE AREA 2,404m²

FOR CONSULTATION

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Project: URBAN FOREST TREE PLANTING PLAN

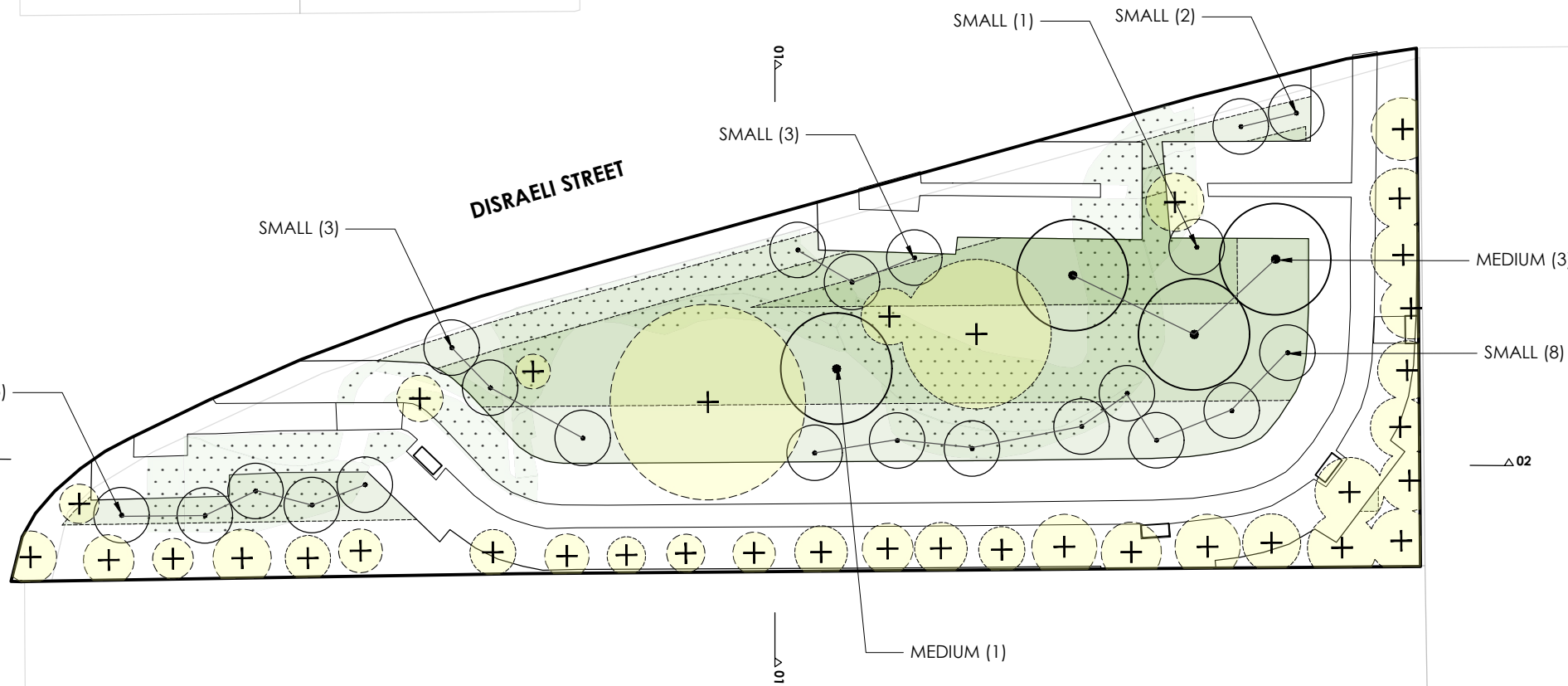
Title: DISRAELI RESERVE SITE CONCEPT PLAN

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



SELWYN STREET

DISRAELI STREET



LEGEND:

- + EXISTING TREE LOCATION
- EXISTING TREES/VEGETATION
- EXISTING SWALE DEPRESSION
- EXISTING FOOTPATH
- EXISTING RESERVE AREA 2,404m²

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

PLANT SCHEDULE

ID	QTY	TREE CATEGORY	TREE HEIGHT
SMALL	22	SMALL TREE	5-10m
MEDIUM	4	MEDIUM TREE	11-15m
LARGE	-	LARGE TREE	16-20m
VERY LARGE	-	VERY LARGE TREE	20m+

RESERVE CANOPY COVER SUMMARY

EXISTING NUMBER OF TREES	APPROXIMATELY	36
EXISTING CANOPY COVER	APPROXIMATELY	24.9 %
PROPOSED NUMBER OF NEW TREES		26
PROPOSED NET CANOPY COVER (EXISTING VEGETATION AND PROPOSED)	APPROXIMATELY	47.2 %

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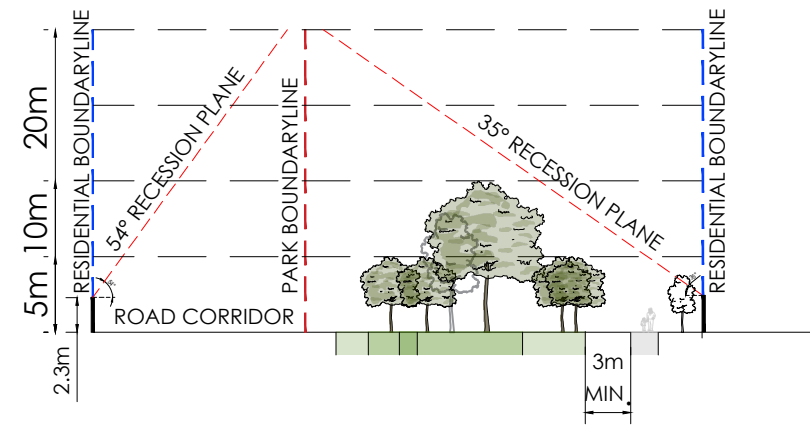


URBAN FOREST
TREE PLANTING
PLAN

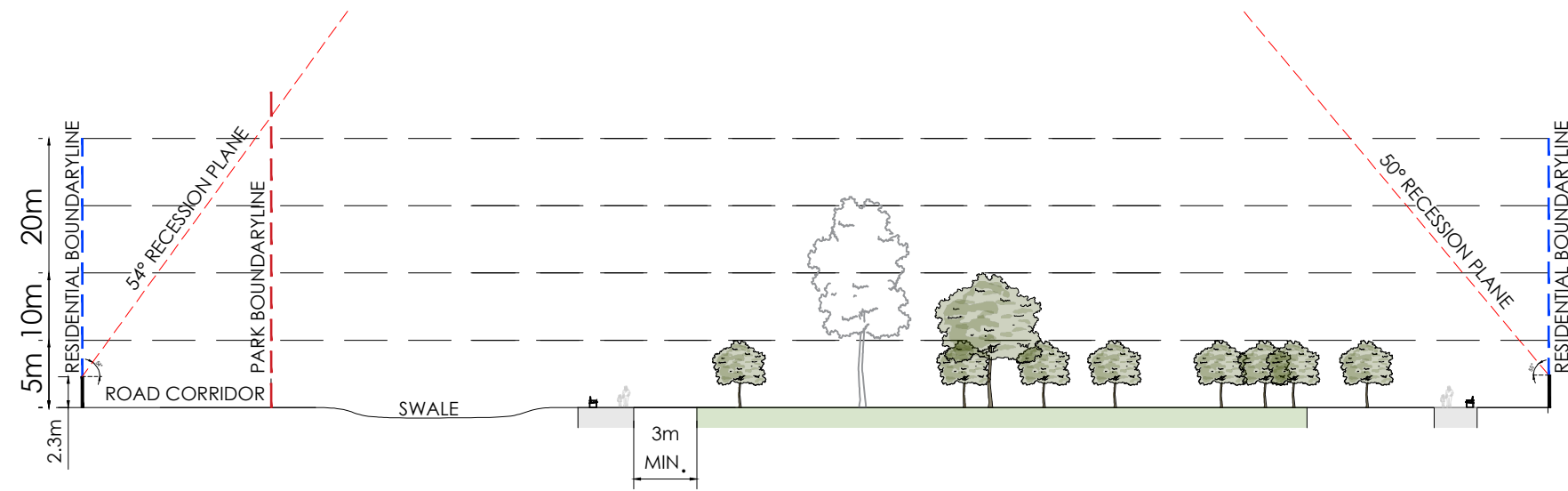
DISRAELI RESERVE
INDICATIVE TREE
PLANTING PLAN

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

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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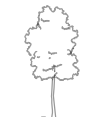


Project: URBAN FOREST TREE PLANTING PLAN

Title: DISRAELI RESERVE SITE WIDE CROSS SECTIONS

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

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
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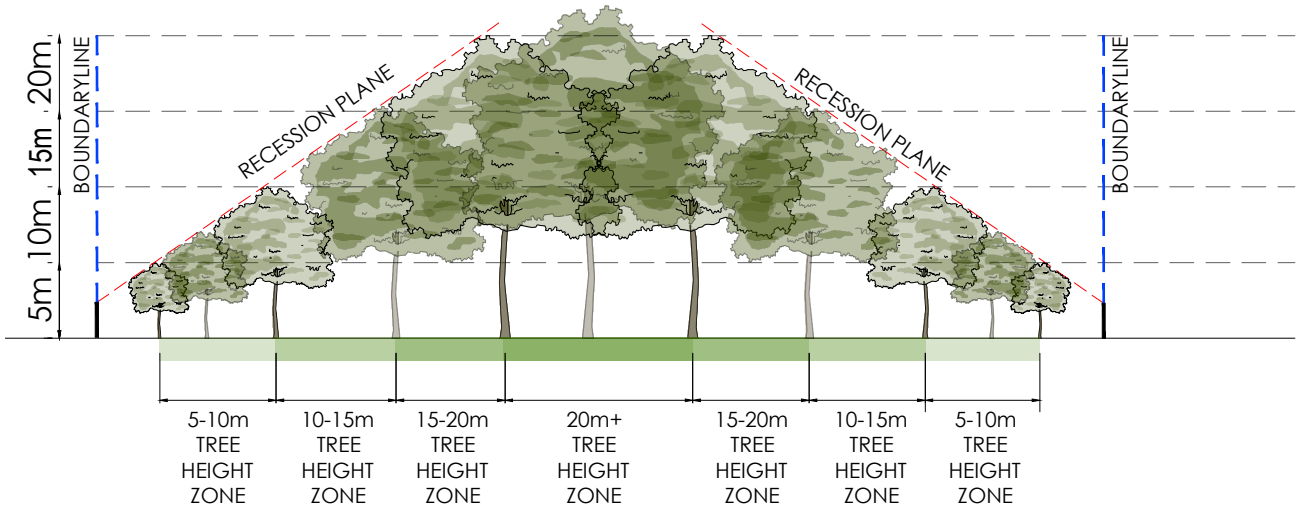
GUIDELINE SUMMARY:

- TREE PLANTING TO SPECIAL CHARACTER RESERVES 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



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Project: URBAN FOREST TREE PLANTING PLAN

Title: DISRAELI RESERVE TREE PLANTING GUIDELINES

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

FOR CONSULTATION