



LANDSCAPE ARCHITECTURE

Project No 4672500

CHRISTCHURCH CITY COUNCIL
URBAN FOREST TREE
PLANTING PLANS

FOR CONSULTATION
NASH
RESERVE

Prepared for

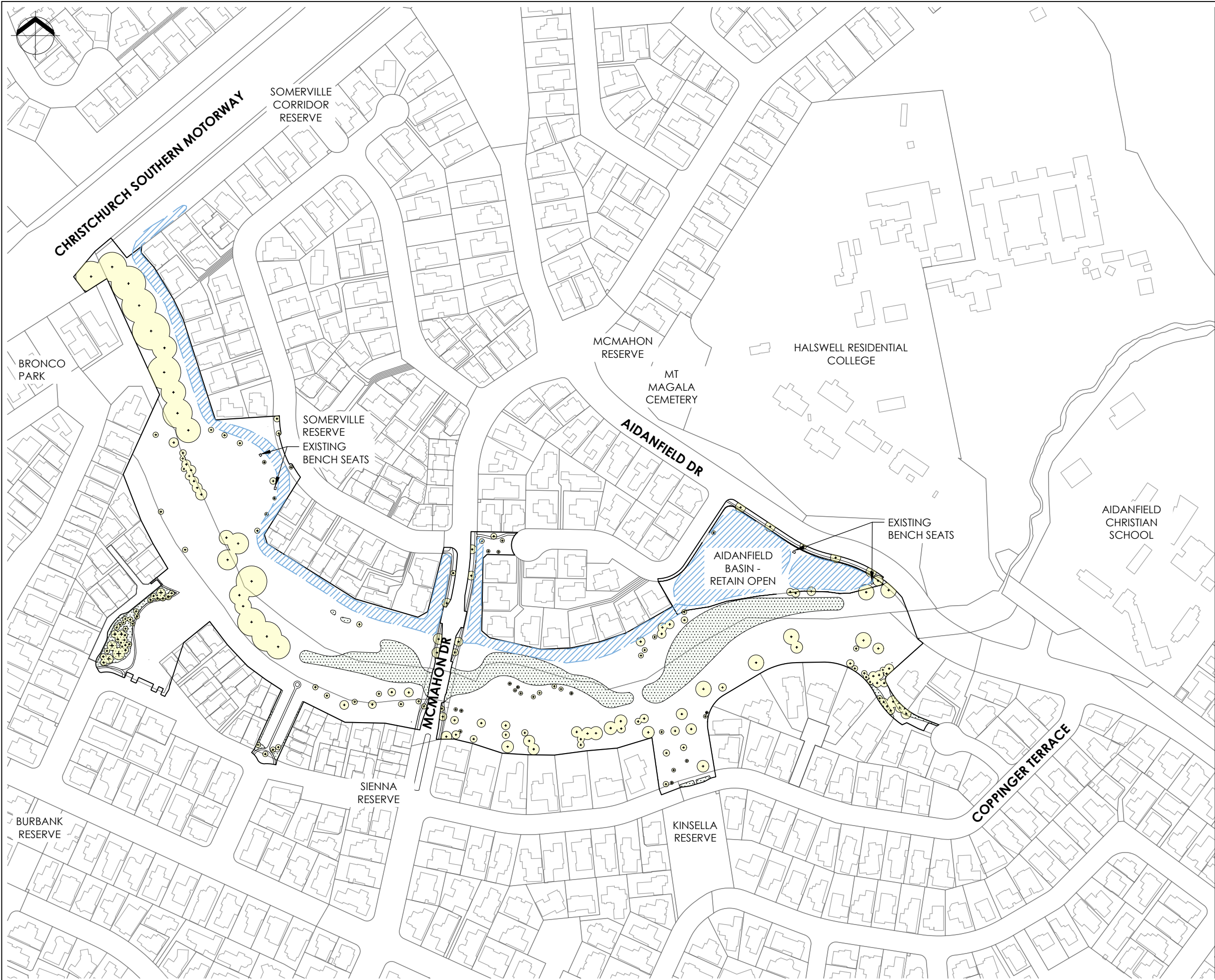


Beca

20 JANUARY 2026

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





LEGEND:

- + EXISTING TREE LOCATION
- EXISTING TREES/VEGETATION
- EXISTING FOOTPATH
- EXISTING RESERVE AREA 29,274m²
- LOW RIPARIAN VEGETATION
- STORMWATER BASIN EXTENTS

FOR CONSULTATION

A		CONSULTATION	RK	JB	GW	27.01.25
No.	Revision	By	Chk	Appd	Date	

Original Scale (A3)
1:3000

Design	R KIRKWOOD	27.01.25	Approved For Construction*
Drawn	C HAVILL	27.01.25	
Dsg Verifier	G WOOLFORD	27.01.25	
Drg Check	R KIRKWOOD	27.01.25	
* Refer to Revision 1 for Original Signature			Date



Project: URBAN FOREST TREE PLANTING PLAN

Title: NASH RESERVE EXISTING PLANTING

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



NOTES:

1. NO TREE PLANTING IN STORMWATER BASINS

LEGEND:

- + EXISTING TREE LOCATION
- EXISTING TREES/VEGETATION
- EXISTING FOOTPATH
- EXISTING RESERVE AREA 29,274m²
- LOW RIPARIAN VEGETATION
- STORMWATER BASIN EXTENTS

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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Approved For Construction*	Date
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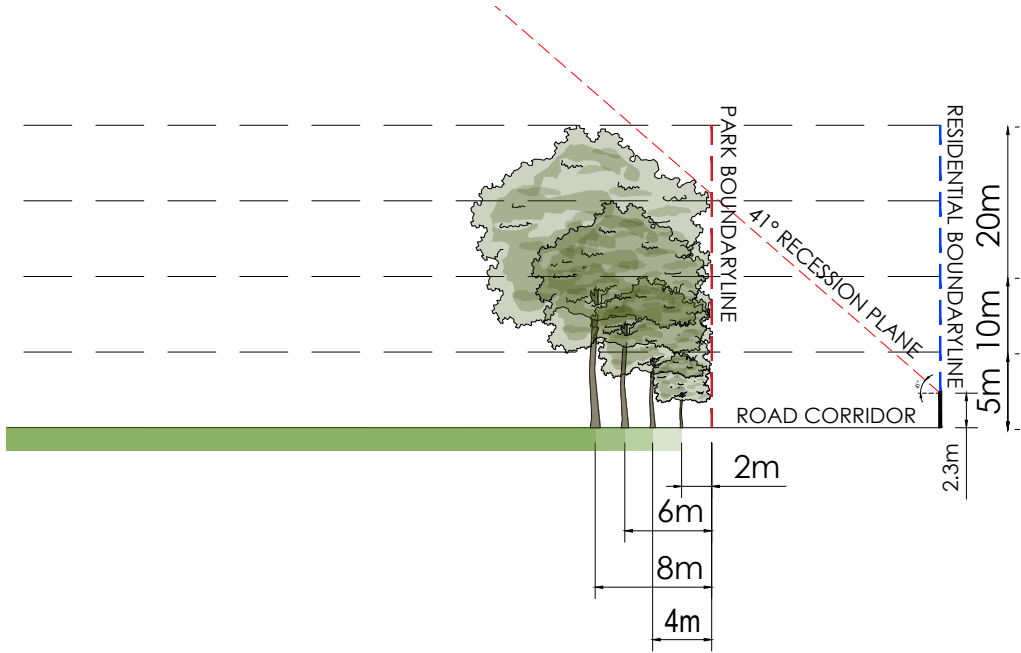


URBAN FOREST
TREE PLANTING
PLAN

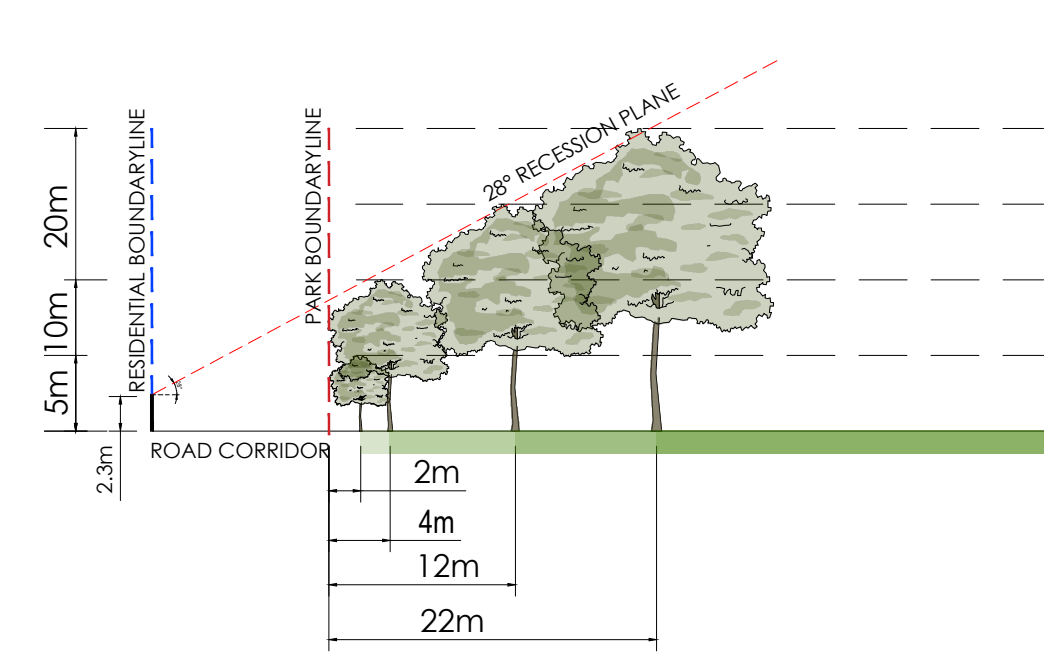
NASH
RESERVE
TREE PLANTING ZONES

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

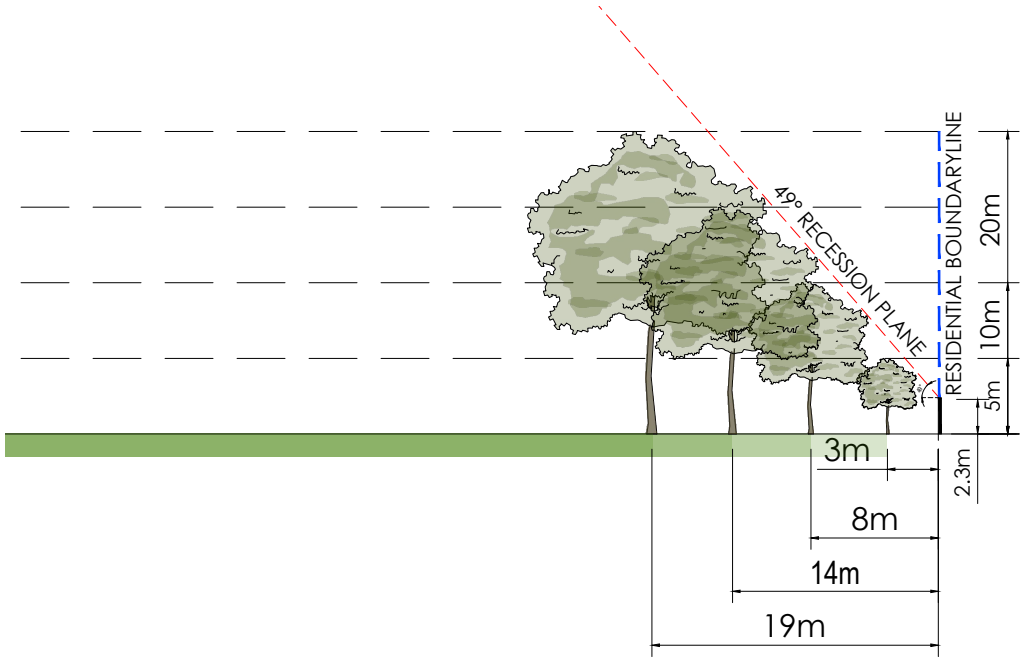
INDICATIVE BOUNDARY CROSS SECTIONS - POTENTIAL TREE PLANTING ZONES



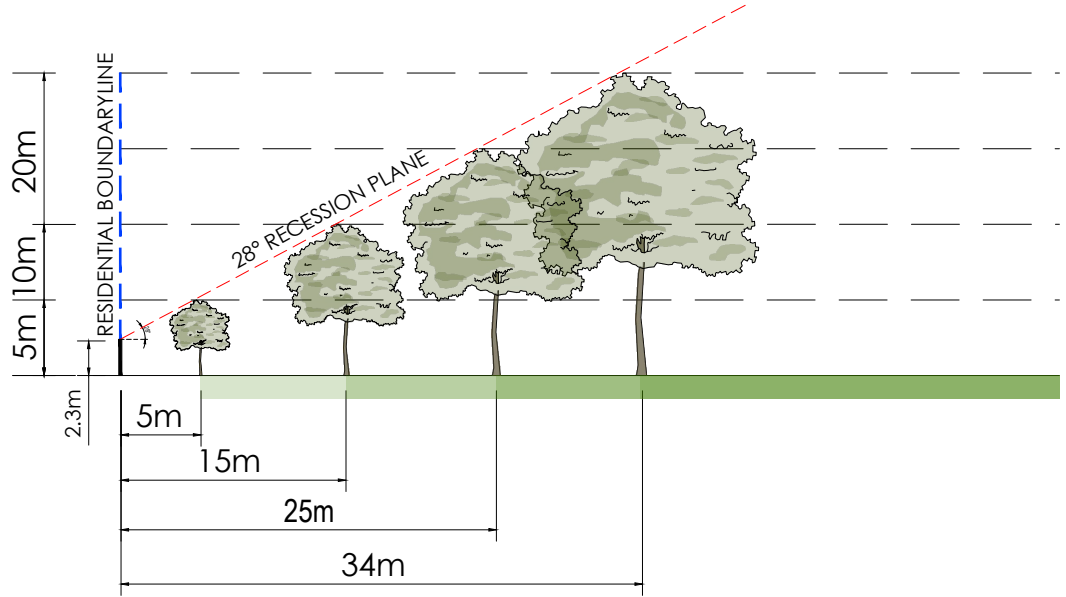
CROSS SECTION AA



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	27.01.25

Original Scale (A3)	Design	R KIRKWOOD	27.01.25	Approved For Construction*
1:500	Drawn	C HAVILL	27.01.25	
	Design Verifier	G WOOLFORD	27.01.25	
	Design Check	R KIRKWOOD	27.01.25	
	* Refer to Revision 1 for Original Signature			

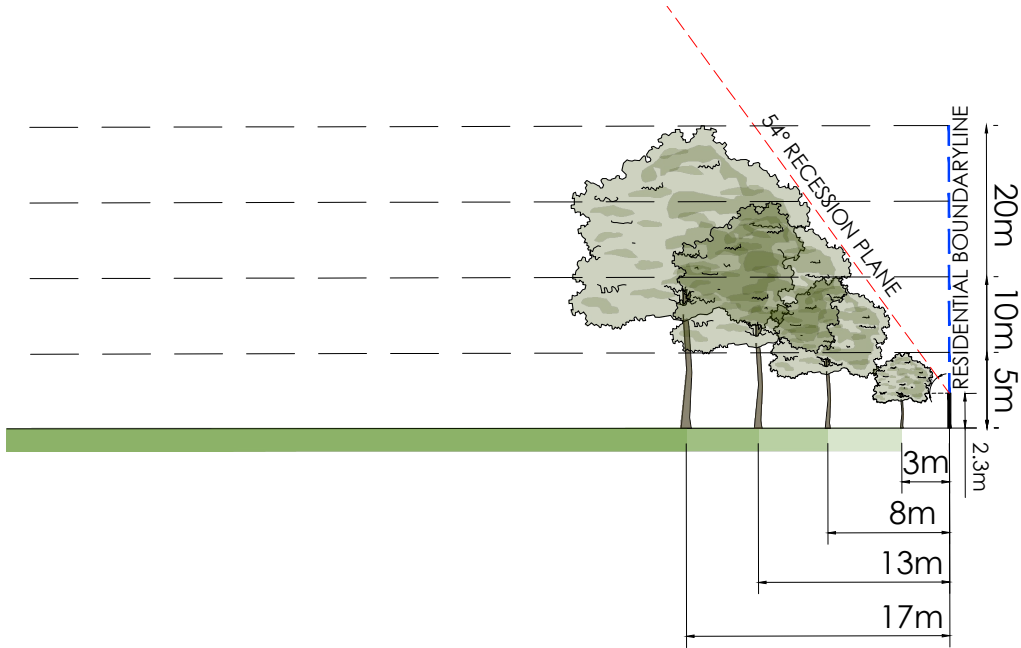


Project: URBAN FOREST TREE PLANTING PLAN

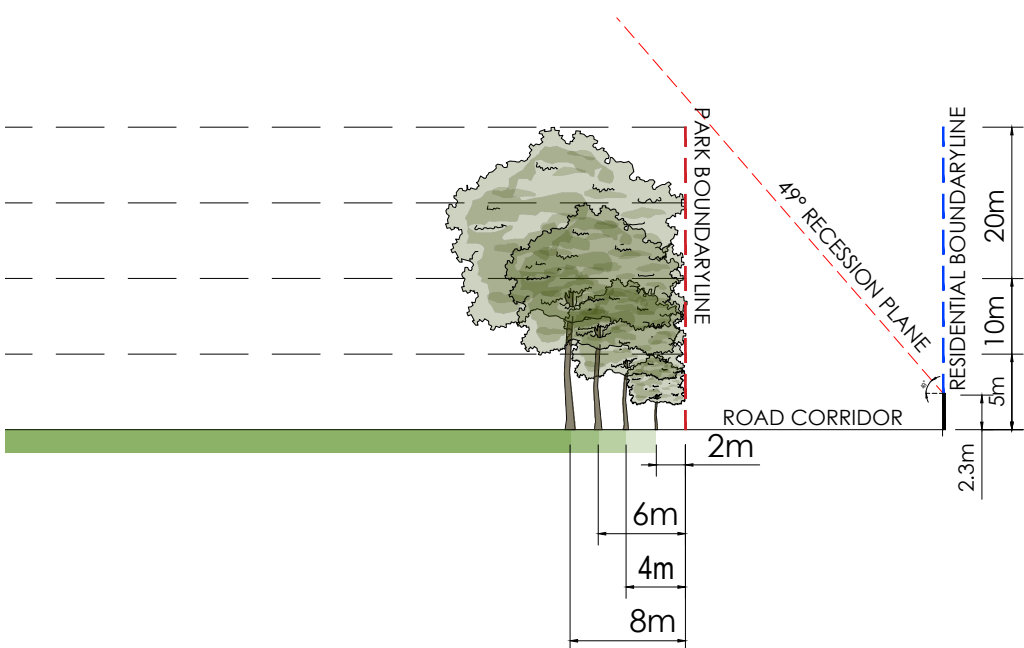
Title: NASH RESERVE LOT BOUNDARY CROSS SECTIONS

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

INDICATIVE BOUNDARY CROSS SECTIONS - POTENTIAL TREE PLANTING ZONES



CROSS SECTION EE



CROSS SECTION FF

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

A	CONSULTATION	RK	JB	GW	27.01.25
No.	Revision	By	Chk	Appd	Date

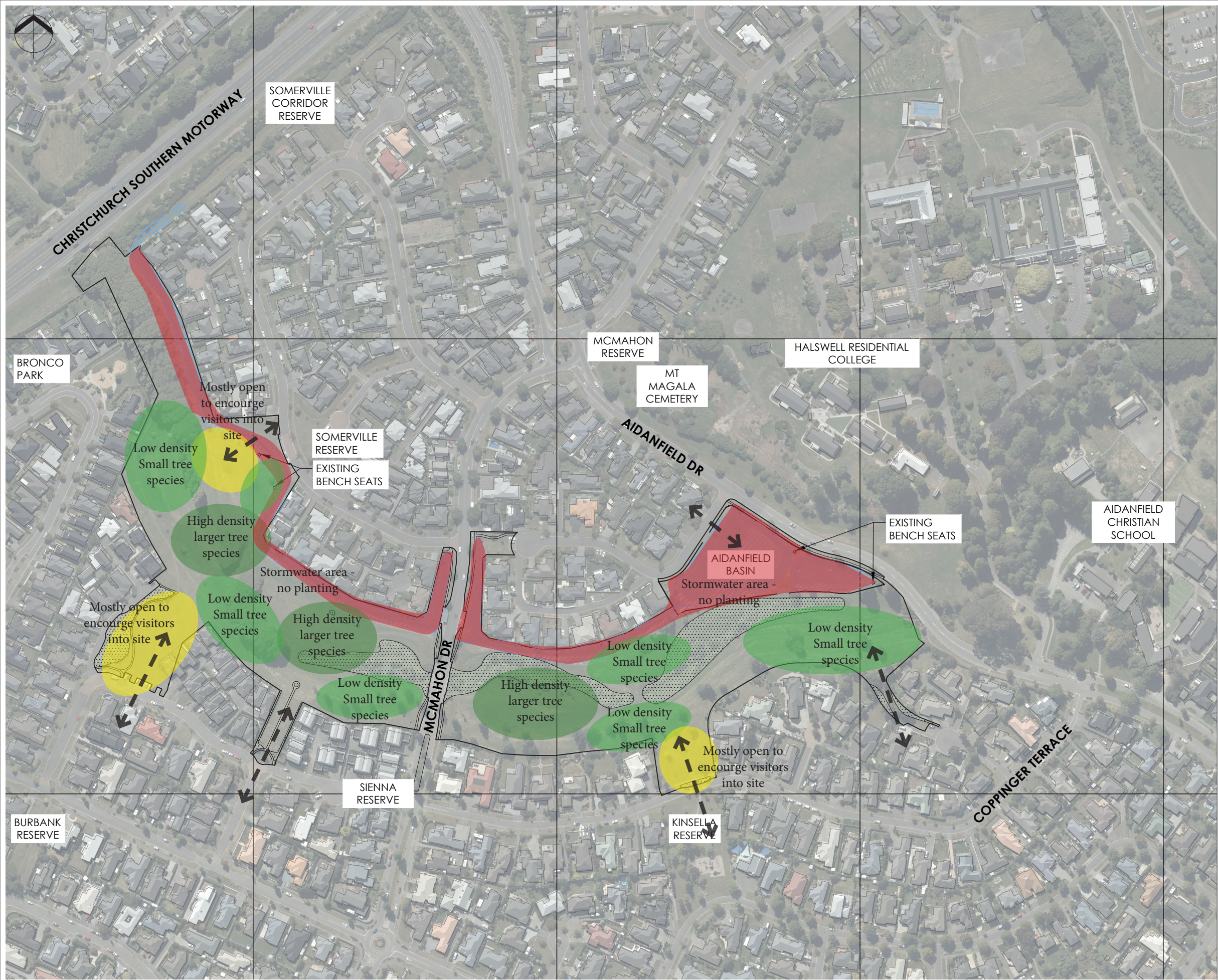
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	Dsg Verifier	G WOOLFORD	27.01.25	
	Drg Check	R KIRKWOOD	27.01.25	
* Refer to Revision 1 for Original Signature				



Project:
URBAN FOREST
TREE PLANTING
PLAN

Title:
NASH RESERVE
LOT BOUNDARY
CROSS SECTIONS

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



NOTES:

1. NO TREE PLANTING IN STORMWATER BASINS

LEGEND:

- + EXISTING TREE LOCATION
- EXISTING TREES/VEGETATION
- EXISTING FOOTPATH
- EXISTING RESERVE AREA 29,274m²
- LOW RIPARIAN VEGETATION
- STORMWATER BASIN EXTENTS

FOR CONSULTATION

A	CONSULTATION	RK	JB	GW	27.01.25
No.	Revision	By	Chk	Appd	Date

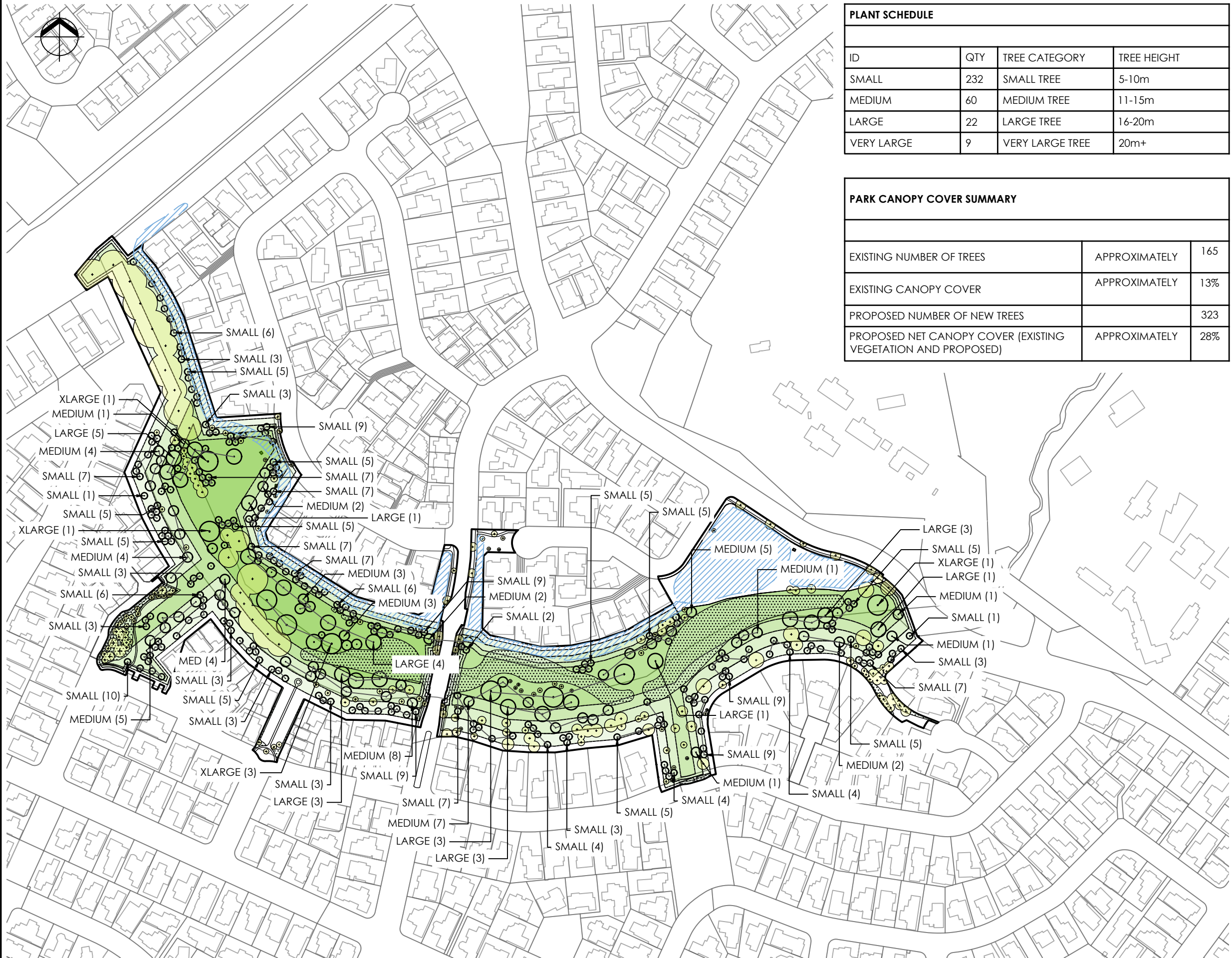
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	Dsg Verifier	G WOOLFORD	27.01.25	
	Drg Check	R KIRKWOOD	27.01.25	Date
	* Refer to Revision 1 for Original Signature			



Project: URBAN FOREST TREE PLANTING PLAN

Title: NASH RESERVE CONCEPT PLAN

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



PLANT SCHEDULE			
ID	QTY	TREE CATEGORY	TREE HEIGHT
SMALL	232	SMALL TREE	5-10m
MEDIUM	60	MEDIUM TREE	11-15m
LARGE	22	LARGE TREE	16-20m
VERY LARGE	9	VERY LARGE TREE	20m+

PARK CANOPY COVER SUMMARY		
EXISTING NUMBER OF TREES	APPROXIMATELY	165
EXISTING CANOPY COVER	APPROXIMATELY	13%
PROPOSED NUMBER OF NEW TREES		323
PROPOSED NET CANOPY COVER (EXISTING VEGETATION AND PROPOSED)	APPROXIMATELY	28%

NOTES:

1. NO TREE PLANTING IN STORMWATER BASINS

- LEGEND:**
- + EXISTING TREE LOCATION
 - EXISTING TREES/VEGETATION
 - EXISTING FOOTPATH
 - EXISTING RESERVE AREA 29,274m²
 - LOW RIPARIAN VEGETATION
 - STORMWATER BASIN 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

A CONSULTATION		RK	JB	GW	27.01.25
No.	Revision	By	Chk	Appd	Date

Original Scale (A3)	Design	R KIRKWOOD	27.01.25	Approved For Construction*
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	Dwg Check	R KIRKWOOD	27.01.25	Date
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Client: Christchurch City Council

Project: URBAN FOREST TREE PLANTING PLAN

Title: NASH RESERVE INDICATIVE TREE PLANTING PLAN

Discipline: LANDSCAPE

Drawing No. 4672500-AL-NR-006

Beca Project Number: A

Rev. A

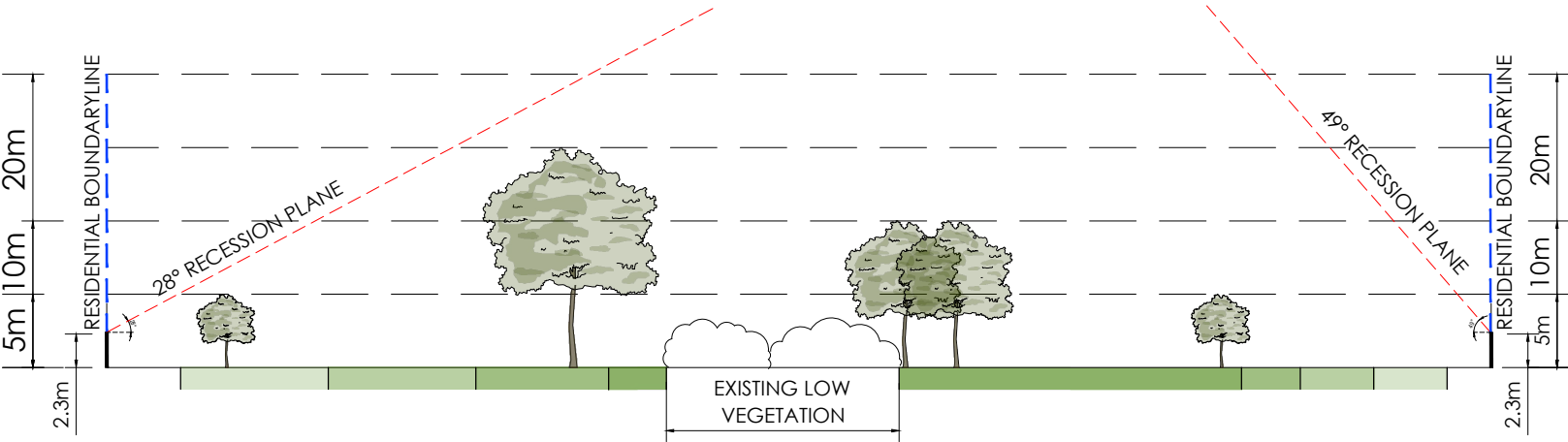
Document No. 4672500-AL-NASH RESERVE-000.DWG

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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
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Project: URBAN FOREST TREE PLANTING PLAN

Title: NASH RESERVE SITE WIDE CROSS SECTIONS

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

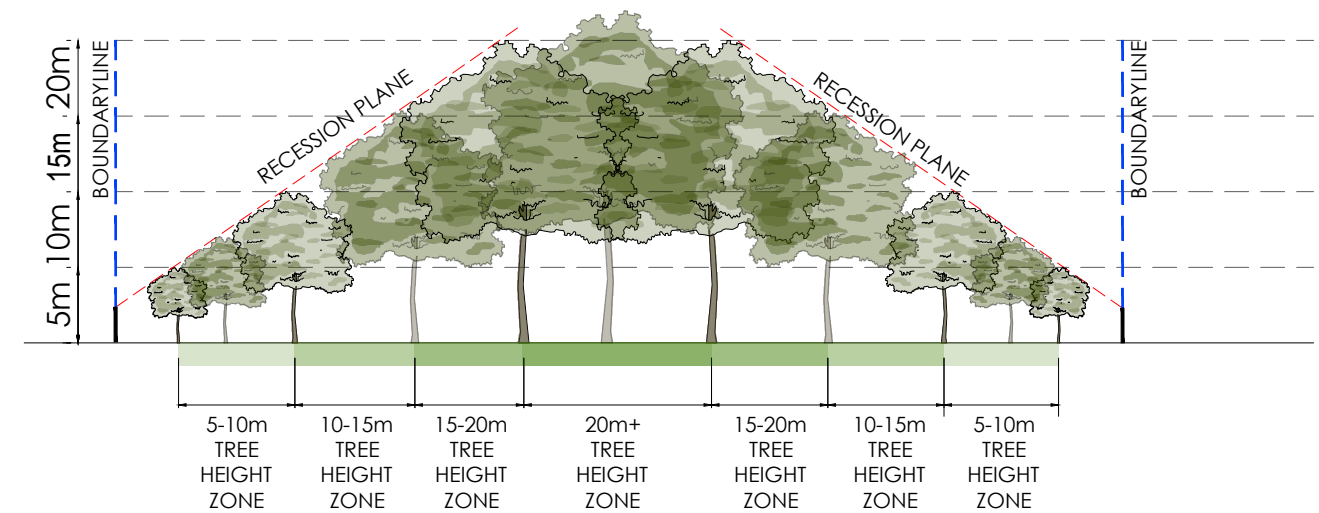
GUIDELINE SUMMARY:

- 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 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:
NASH RESERVE TREE PLANTING GUIDELINES

Discipline LANDSCAPE	
Drawing No. 4672500-AL-NR-008	Rev. A