

LINCOLN PARK DRAWING LIST		
DRAWING NO.	DRAWING TITLE	REVISION
4672143-AL-LP-000	TITLE PAGE AND DRAWING INDEX	A
4672143-AL-LP-001	EXISTING PLANTING	A
4672143-AL-LP-002	TREE PLANTING ZONES	A
4672143-AL-LP-003	LOT BOUNDARY CROSS SECTIONS	A
4672143-AL-LP-004	SITE WIDE CROSS SECTION	A
4672143-AL-LP-005	SHADOW STUDY WINTER SOLSTICE 8am	A
4672143-AL-LP-006	SHADOW STUDY WINTER SOLSTICE 10am	A
4672143-AL-LP-007	SHADOW STUDY WINTER SOLSTICE 12pm	A
4672143-AL-LP-008	SHADOW STUDY WINTER SOLSTICE 2pm	A
4672143-AL-LP-009	SHADOW STUDY WINTER SOLSTICE 4pm	A
4672143-AL-LP-010	SHADOW STUDY WINTER SOLSTICE 6pm	A
4672143-AL-LP-011	SHADOW STUDY SUMMER SOLSTICE 8am	A
4672143-AL-LP-012	SHADOW STUDY SUMMER SOLSTICE 10am	A
4672143-AL-LP-013	SHADOW STUDY SUMMER SOLSTICE 12pm	A
4672143-AL-LP-014	SHADOW STUDY SUMMER SOLSTICE 2pm	A
4672143-AL-LP-015	SHADOW STUDY SUMMER SOLSTICE 4pm	A
4672143-AL-LP-016	SHADOW STUDY SUMMER SOLSTICE 6pm	A
4672143-AL-LP-017	INDICATIVE TREE PLANTING PLAN	A
4672143-AL-LP-018	TREE PLANTING GUIDELINES	A



LANDSCAPE ARCHITECTURE

Project No 4672143

CHRISTCHURCH CITY COUNCIL
URBAN FOREST TREE
PLANTING PLANS

FOR CONSULTATION
LINCOLN PARK

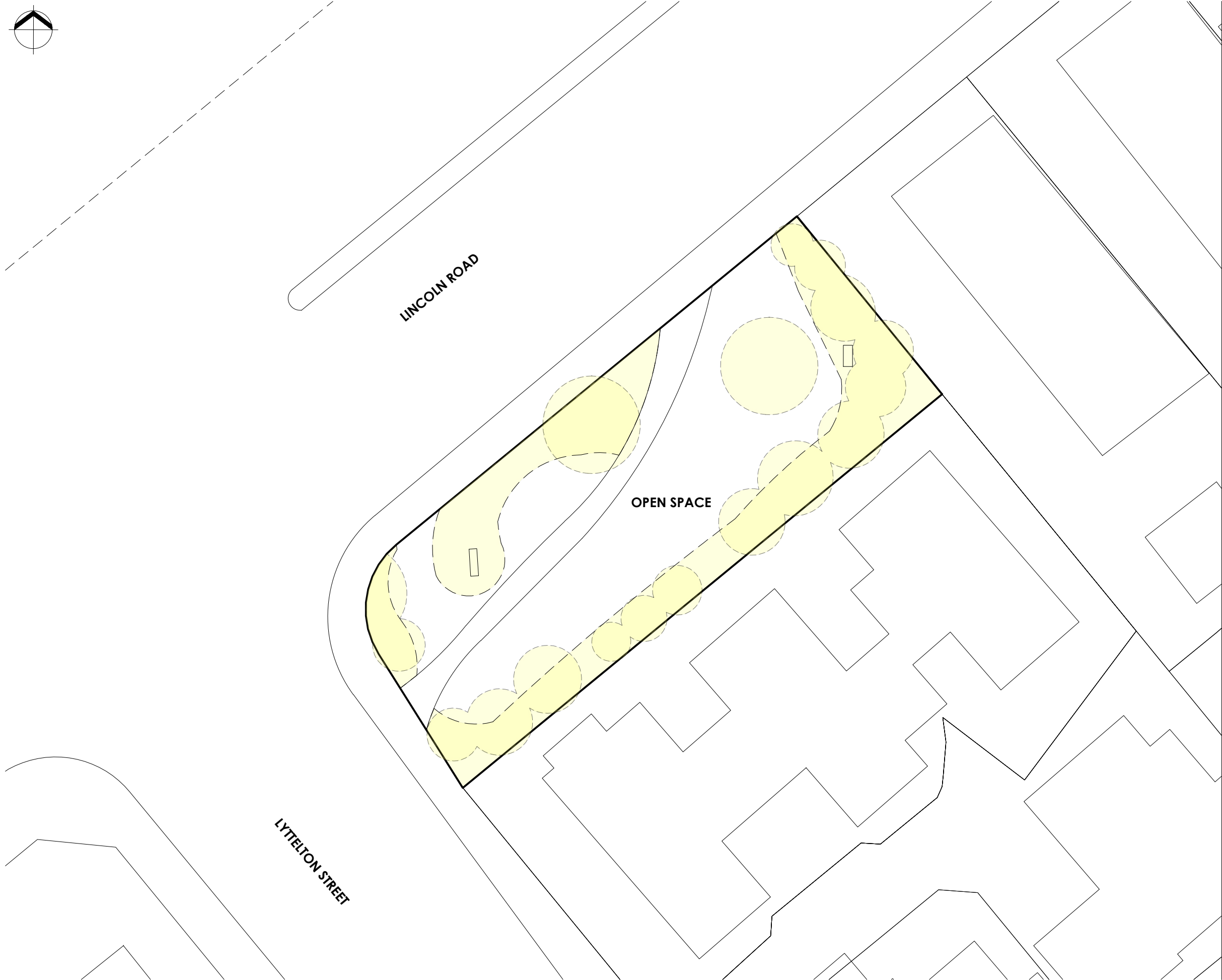
Prepared for



Beca

16TH FEBRUARY 2024





- NOTES:**
- OPEN SPACE TO BE RETAINED FOR FUTURE DEVELOPMENT
- LEGEND:**
- EXISTING TREES/VEGETATION
 - EXISTING FOOTPATH
 - PARK BOUNDARY
 - EXISTING RESERVE AREA 595.6m²
 - EXISTING SCULPTURE
 - EXISTING SEAT

FOR CONSULTATION

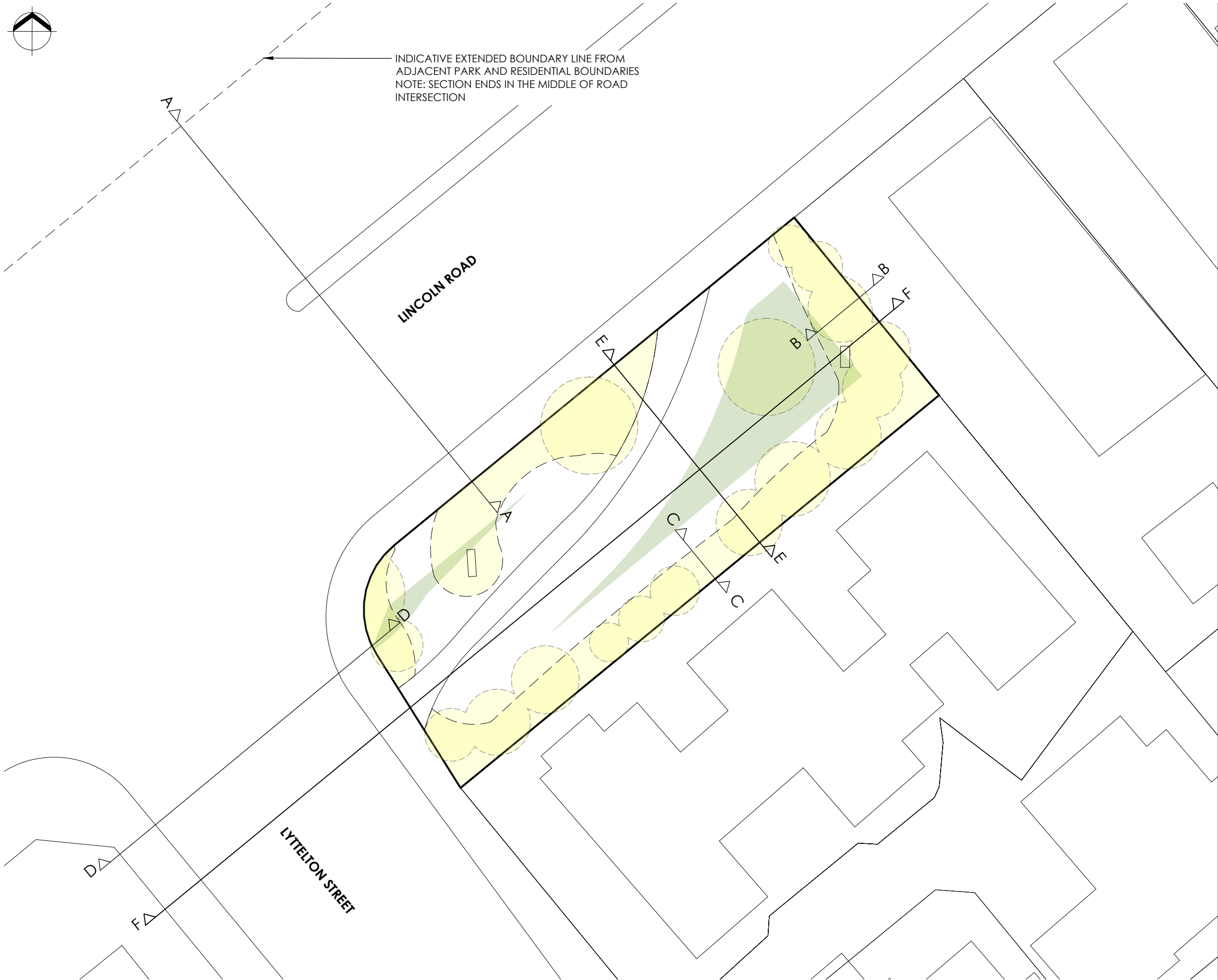
A	CONSULTATION	DD	KE	JC	16.02.24
No.	Revision	By	Chk	Appd	Date

Original Scale (A3)	Design	K ELLIOTT	16.02.24	Approved For Construction*
1:250	Drawn	D DAY	16.02.24	
	Des Verifier	J COOKE	16.02.24	
	Drg Check	K ELLIOTT	16.02.24	Date
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Project: URBAN FOREST TREE PLANTING PLAN

Title: LINCOLN PARK EXISTING PLANTING		Discipline: LANDSCAPE
Drawing No. 4672143-AL-LP-001		Rev. A



NOTES:

1. OPEN SPACE TO BE RETAINED FOR FUTURE DEVELOPMENT
2. FOR SECTIONS AA-EE, REFER TO SHEET CB-003
3. FOR SECTIONS FF-GG, REFER TO SHEET CB-004

LEGEND:

- EXISTING TREES/VEGETATION
- EXISTING FOOTPATH
- EXISTING RESERVE AREA 595.6m²
- PARK BOUNDARY
- EXISTING SCULPTURE
- EXISTING SEAT

POTENTIAL TREE PLANTING AREAS:

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

FOR CONSULTATION

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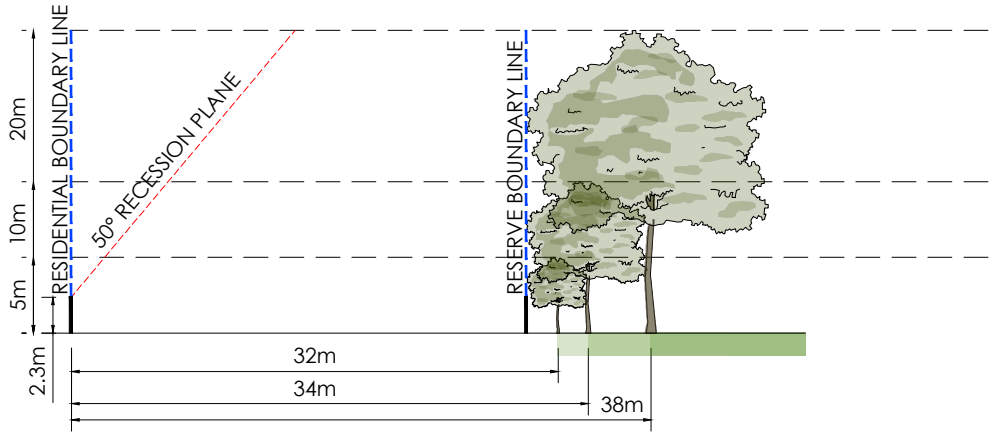


Project: URBAN FOREST TREE PLANTING PLAN

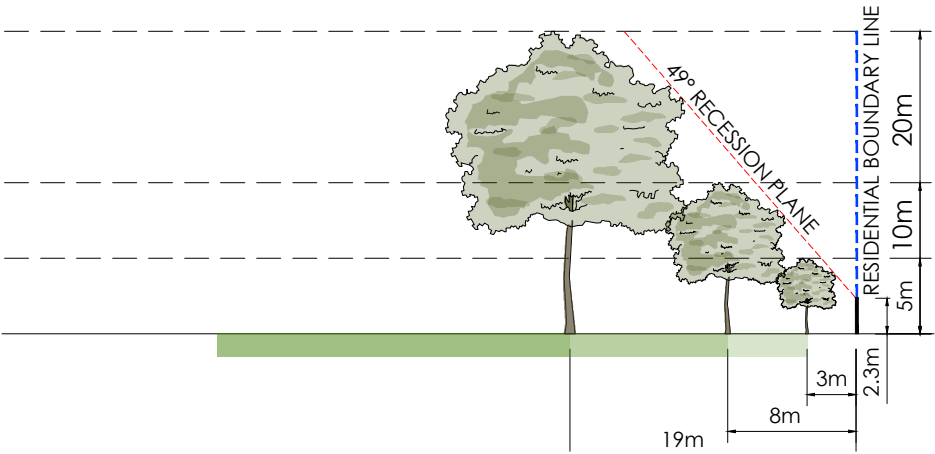
Title: LINCOLN PARK TREE PLANTING ZONES

Discipline	LANDSCAPE
Drawing No.	4672143-AL-LP-002
Rev.	A

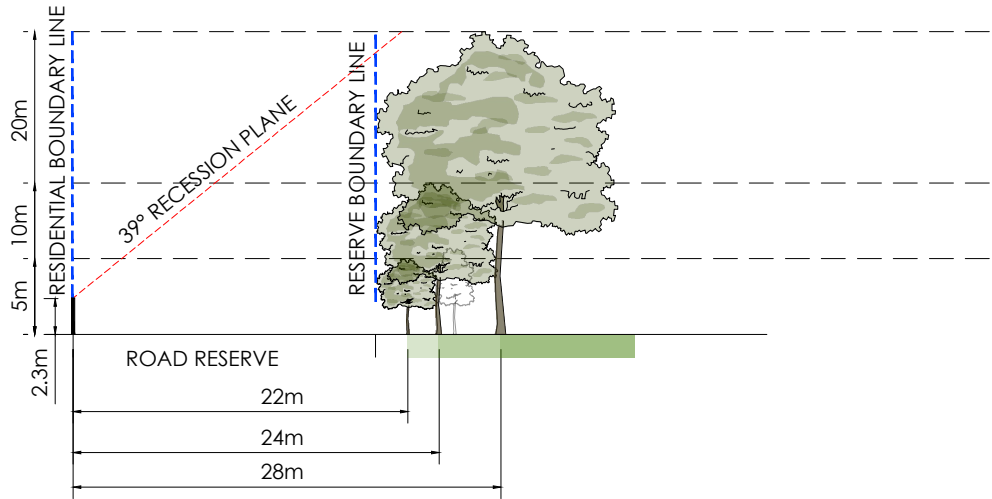
INDICATIVE BOUNDARY CROSS SECTIONS - POTENTIAL TREE PLANTING ZONES



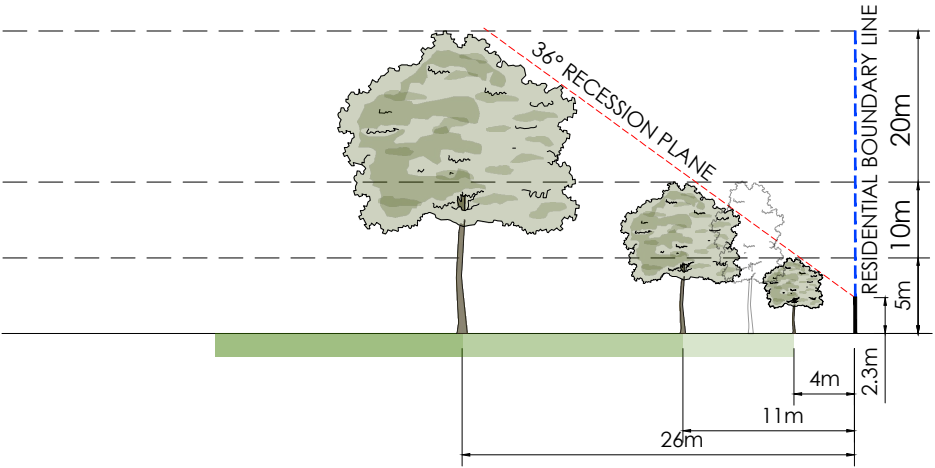
CROSS SECTION AA



CROSS SECTION BB



CROSS SECTION DD

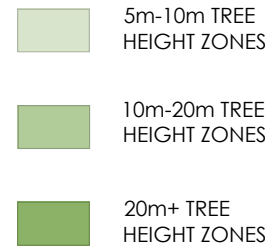


CROSS SECTION CC

LEGEND



POTENTIAL TREE PLANTING AREAS:



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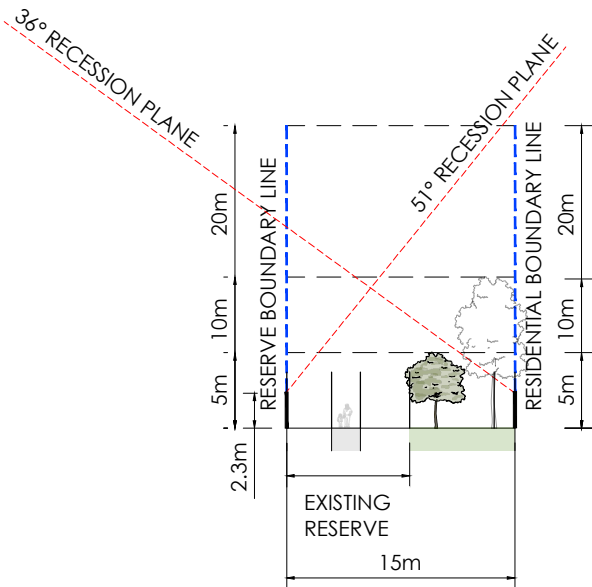
Project: URBAN FOREST TREE PLANTING PLAN

Title: LINCOLN PARK LOT BOUNDARY CROSS SECTION

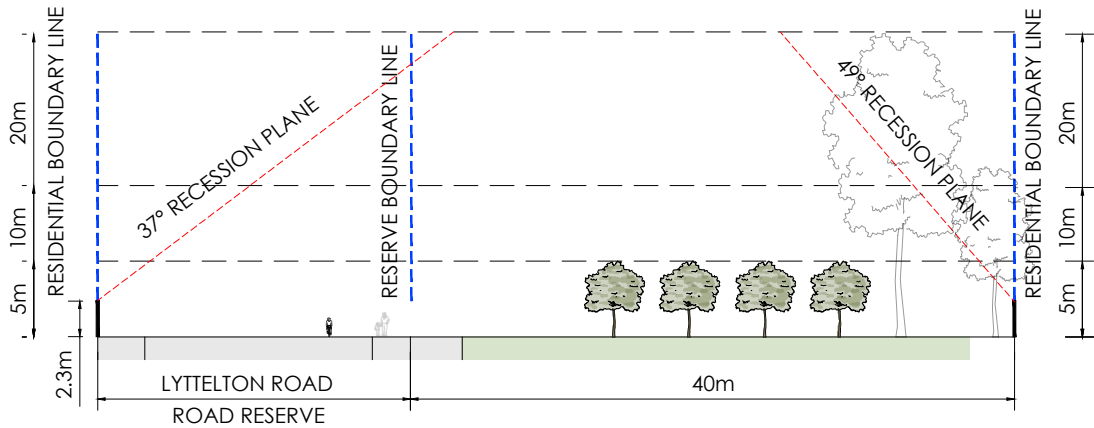
Discipline	LANDSCAPE
Drawing No.	4672143-AL-LP-003
Rev.	A

FOR CONSULTATION

CROSS SECTIONS - PROPOSED TREE PLANTING



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-20m TREE HEIGHT ZONES

20m+ TREE HEIGHT ZONES

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Project:
URBAN FOREST
TREE PLANTING
PLAN

Title:
LINCOLN PARK
SITE WIDE
CROSS SECTION

Discipline:
LANDSCAPE
Drawing No.
4672143-AL-LP-004
Rev.
A

WINTER SOLSTICE
DATE: 21ST JUNE
8AM



NOTES:

1. TREES IN THE MODEL
ARE SHOWN AT 5m.

LEGEND:



POTENTIAL TREE
WITH SHADOW



POTENTIAL TREE
PLANTING AREAS



EXISTING TREE AND
VEGETATION AREAS

FOR CONSULTATION

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Project:
URBAN FOREST
TREE PLANTING
PLAN

Title:
LINCOLN PARK
SHADOW STUDY
WINTER SOLSTICE 8AM

Discipline	LANDSCAPE
Drawing No.	4672143-AL-LP-005
Rev.	A

WINTER SOLSTICE
DATE: 21ST JUNE
10AM



NOTES:

1. TREES IN THE MODEL
ARE SHOWN AT 5m.

LEGEND:

-  POTENTIAL TREE
WITH SHADOW
-  POTENTIAL TREE
PLANTING AREAS
-  EXISTING TREE AND
VEGETATION AREAS

FOR CONSULTATION

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Project:
URBAN FOREST
TREE PLANTING
PLAN

Title:
LINCOLN PARK
SHADOW STUDY
WINTER SOLSTICE 10AM

Discipline	LANDSCAPE
Drawing No.	4672143-AL-LP-006
Rev.	A

WINTER SOLSTICE
DATE: 21ST JUNE
12 NOON



- NOTES:**
- TREES IN THE MODEL ARE SHOWN AT 5m.

- LEGEND:**
- POTENTIAL TREE WITH SHADOW
 - POTENTIAL TREE PLANTING AREAS
 - EXISTING TREE AND VEGETATION AREAS

FOR CONSULTATION

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Project: URBAN FOREST TREE PLANTING PLAN

Title: LINCOLN PARK SHADOW STUDY WINTER SOLSTICE 12PM

Discipline	LANDSCAPE
Drawing No.	4672143-AL-LP-007
Rev.	A

WINTER SOLSTICE
DATE: 21ST JUNE
2PM



NOTES:

1. TREES IN THE MODEL ARE SHOWN AT 5m.

LEGEND:

-  POTENTIAL TREE WITH SHADOW
-  POTENTIAL TREE PLANTING AREAS
-  EXISTING TREE AND VEGETATION AREAS

FOR CONSULTATION

A	CONSULTATION	DD	KE	JC	16.02.24
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Project: URBAN FOREST TREE PLANTING PLAN

Title: LINCOLN PARK SHADOW STUDY WINTER SOLSTICE 2PM

Discipline	LANDSCAPE
Drawing No.	4672143-AL-LP-008
Rev.	A

WINTER SOLSTICE
DATE: 21ST JUNE
4PM



NOTES:

1. TREES IN THE MODEL ARE SHOWN AT 5m.

LEGEND:

- POTENTIAL TREE WITH SHADOW
- POTENTIAL TREE PLANTING AREAS
- EXISTING TREE AND VEGETATION AREAS

FOR CONSULTATION

A	CONSULTATION	DD	KE	JC	16.02.24
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Project: URBAN FOREST TREE PLANTING PLAN

Title: LINCOLN PARK SHADOW STUDY WINTER SOLSTICE 4PM

Discipline	LANDSCAPE
Drawing No.	4672143-AL-LP-009
Rev.	A

WINTER SOLSTICE
DATE: 21ST JUNE
6PM

- NOTES:
1. TREES IN THE MODEL
ARE SHOWN AT 5m.

- LEGEND:
- POTENTIAL TREE
WITH SHADOW
- POTENTIAL TREE
PLANTING AREAS
- EXISTING TREE AND
VEGETATION AREAS



FOR CONSULTATION

A	CONSULTATION	DD	KE	JC	16.02.24
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Project:
URBAN FOREST
TREE PLANTING
PLAN

Title:
LINCOLN PARK
SHADOW STUDY
WINTER SOLSTICE 6PM

Discipline	LANDSCAPE
Drawing No.	4672143-AL-LP-010
Rev.	A

SUMMER SOLSTICE
DATE: 21ST DECEMBER
8AM



NOTES:

1. TREES IN THE MODEL ARE SHOWN AT 5m.

LEGEND:

-  POTENTIAL TREE WITH SHADOW
-  POTENTIAL TREE PLANTING AREAS
-  EXISTING TREE AND VEGETATION AREAS

FOR CONSULTATION

A	CONSULTATION	DD	KE	JC	16.02.24
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Project: URBAN FOREST TREE PLANTING PLAN

Title: LINCOLN PARK SHADOW STUDY SUMMER SOLSTICE 8AM

Discipline	LANDSCAPE
Drawing No.	4672143-AL-LP-011
Rev.	A

SUMMER SOLSTICE
DATE: 21ST DECEMBER
10AM



- NOTES:**
- TREES IN THE MODEL ARE SHOWN AT 5m.

- LEGEND:**
- POTENTIAL TREE WITH SHADOW
 - POTENTIAL TREE PLANTING AREAS
 - EXISTING TREE AND VEGETATION AREAS

FOR CONSULTATION

A	CONSULTATION	DD	KE	JC	16.02.24
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Project: URBAN FOREST TREE PLANTING PLAN

Title: LINCOLN PARK SHADOW STUDY SUMMER SOLSTICE 10AM

Discipline	LANDSCAPE
Drawing No.	4672143-AL-LP-012
Rev.	A

SUMMER SOLSTICE
DATE: 21ST DECEMBER
12PM



- NOTES:**
- TREES IN THE MODEL ARE SHOWN AT 5m.

- LEGEND:**
- POTENTIAL TREE WITH SHADOW
 - POTENTIAL TREE PLANTING AREAS
 - EXISTING TREE AND VEGETATION AREAS

FOR CONSULTATION

A	CONSULTATION	DD	KE	JC	16.02.24
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Project: URBAN FOREST TREE PLANTING PLAN

Title: LINCOLN PARK SHADOW STUDY SUMMER SOLSTICE 12PM

Discipline	LANDSCAPE
Drawing No.	4672143-AL-LP-013
Rev.	A

SUMMER SOLSTICE
DATE: 21ST DECEMBER
2PM



NOTES:

1. TREES IN THE MODEL ARE SHOWN AT 5m.

LEGEND:

- POTENTIAL TREE WITH SHADOW
- POTENTIAL TREE PLANTING AREAS
- EXISTING TREE AND VEGETATION AREAS

FOR CONSULTATION

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Title: LINCOLN PARK SHADOW STUDY SUMMER SOLSTICE 2PM

Discipline	LANDSCAPE
Drawing No.	4672143-AL-LP-014
Rev.	A

SUMMER SOLSTICE
DATE: 21ST DECEMBER
4PM



- NOTES:**
- TREES IN THE MODEL ARE SHOWN AT 5m.

- LEGEND:**
- POTENTIAL TREE WITH SHADOW
 - POTENTIAL TREE PLANTING AREAS
 - EXISTING TREE AND VEGETATION AREAS

FOR CONSULTATION

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Project: URBAN FOREST TREE PLANTING PLAN

Title: LINCOLN PARK SHADOW STUDY SUMMER SOLSTICE 4PM

Discipline	LANDSCAPE
Drawing No.	4672143-AL-LP-015
Rev.	A

SUMMER SOLSTICE
DATE: 21ST DECEMBER
6PM



NOTES:

1. TREES IN THE MODEL ARE SHOWN AT 5m.

LEGEND:

- POTENTIAL TREE WITH SHADOW
- POTENTIAL TREE PLANTING AREAS
- EXISTING TREE AND VEGETATION AREAS

FOR CONSULTATION

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Project: URBAN FOREST TREE PLANTING PLAN

Title: LINCOLN PARK SHADOW STUDY SUMMER SOLSTICE 6PM

Discipline	LANDSCAPE
Drawing No.	4672143-AL-LP-016
Rev.	A



PLANT SCHEDULE - LINCOLN PARK			
ID	QTY	TREE CATEGORY	TREE HEIGHT
TREE HEIGHT 5-10m			
SMALL	6	SMALL TREE	5-10m HEIGHT
TREE HEIGHT 11-20m			
MEDIUM	1	MEDIUM TREE	11-15m HEIGHT
LARGE			
LARGE TREE	0	LARGE TREE	16-20m
TREE HEIGHT 20m+			
VERY LARGE TREE	0	VERY LARGE TREE	20m+

PARK CANOPY COVER SUMMARY - LINCOLN PARK		
EXISTING NUMBER OF TREES		15
EXISTING CANOPY COVER	APPROXIMATELY	41%
PROPOSED NUMBER OF NEW TREES		7
PROPOSED NET CANOPY COVER (EXISTING VEGETATION AND PROPOSED)	APPROXIMATELY	66%

- LEGEND:**
- EXISTING TREES/VEGETATION
 - EXISTING FOOTPATH
 - PARK BOUNDARY
 - EXISTING RESERVE AREA 595.6m²
 - EXISTING SCULPTURE
 - EXISTING SEAT

- POTENTIAL TREE PLANTING AREAS:**
- 5m-10m TREE HEIGHT ZONES
 - 10m-20m TREE HEIGHT ZONES
 - 20m+ TREE HEIGHT ZONES
- PROPOSED TREES:**
- SMALL TREE 5-10m

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Project: URBAN FOREST TREE PLANTING PLAN

Title: LINCOLN PARK INDICATIVE TREE PLANTING PLAN

Discipline	LANDSCAPE
Drawing No.	4672143-AL-LP-017
Rev.	A

FOR CONSULTATION

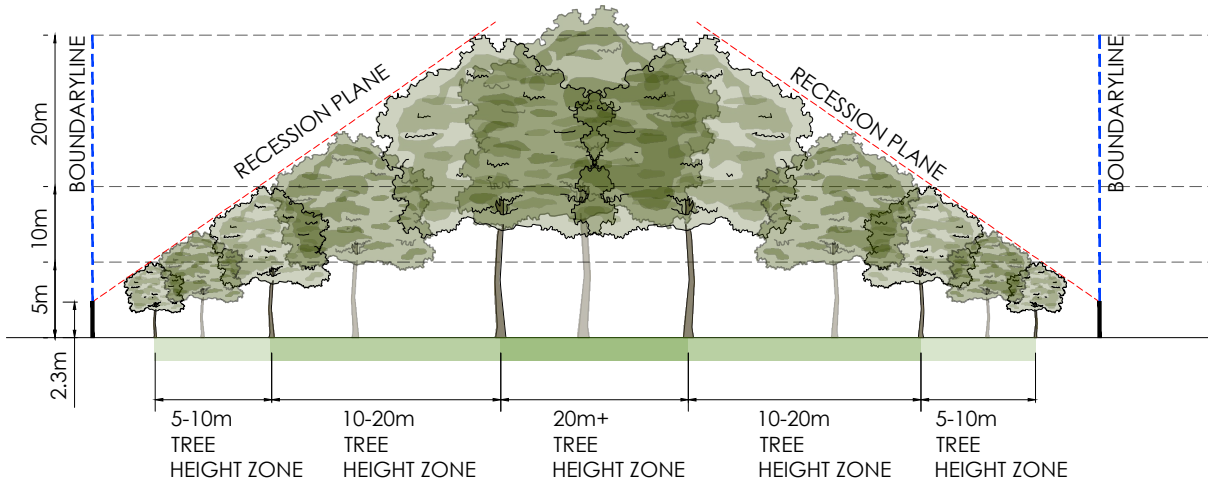
GUIDELINE SUMMARY:

- 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

RECESSION PLANE
ANGLE

BOUNDARY LINE

2.3m HEIGHT OF
MEASURE POINT OF
RECESSION PLANE

POTENTIAL TREE PLANTING
AREAS:

5m-10m TREE
HEIGHT ZONES

10m-20m TREE
HEIGHT ZONES

20m+ TREE
HEIGHT ZONES

FOR CONSULTATION

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Project:
URBAN FOREST
TREE PLANTING
PLAN

Title:
LINCOLN PARK
TREE PLANTING
GUIDELINES

Discipline	LANDSCAPE
Drawing No.	4672143-AL-LP-018
Rev.	A