

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



LANDSCAPE ARCHITECTURE

Project No 4672143

CHRISTCHURCH CITY COUNCIL
URBAN FOREST TREE
PLANTING PLANS

FOR CONSULTATION
FANSHAW PARK

Prepared for



Beca

5TH DECEMBER 2023





NOTES:

1. OPEN SPACE TO BE RETAINED FOR FUTURE DEVELOPMENT

LEGEND:

- EXISTING TREES/VEGETATION
- EXISTING FOOTPATH
- PARK BOUNDARY
- EXISTING RESERVE AREA 573m²

FOR CONSULTATION

B	CONSULTATION	DD	KE	JC	13.12.23
A	CONSULTATION	DD	KE	JC	05.12.23
No.	Revision	By	Chk	Appd	Date

Original Scale (A3)	Design	K ELLIOTT	05.12.23	Approved For Construction*
1:250	Drawn	D DAY	05.12.23	
	Des Verifier	J COOKE	05.12.23	
	Drg Check	K ELLIOTT	05.12.23	Date
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Project: URBAN FOREST TREE PLANTING PLAN

Title: FANSHAW RESERVE EXISTING PLANTING	Discipline: LANDSCAPE
Drawing No. 4672143-AL-F-001	Rev. B



NOTES:

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

LEGEND:

- EXISTING TREES/VEGETATION
- EXISTING FOOTPATH
- EXISTING RESERVE AREA 573m²
- PARK BOUNDARY

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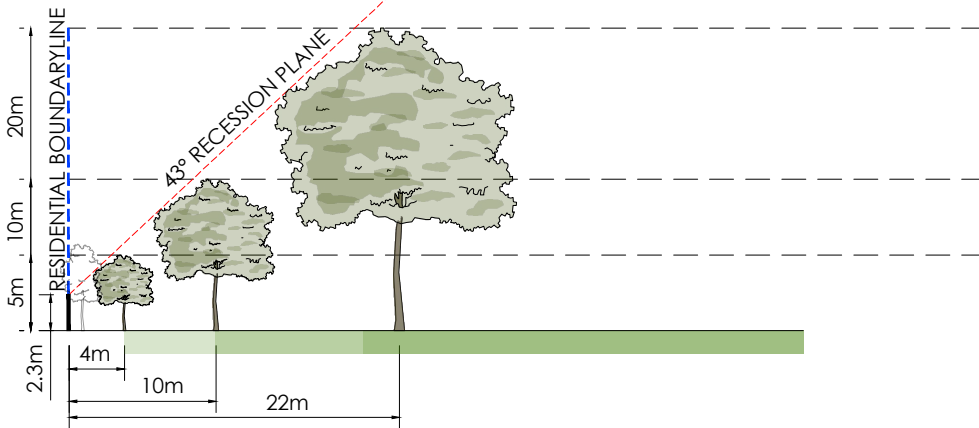


Project: URBAN FOREST TREE PLANTING PLAN

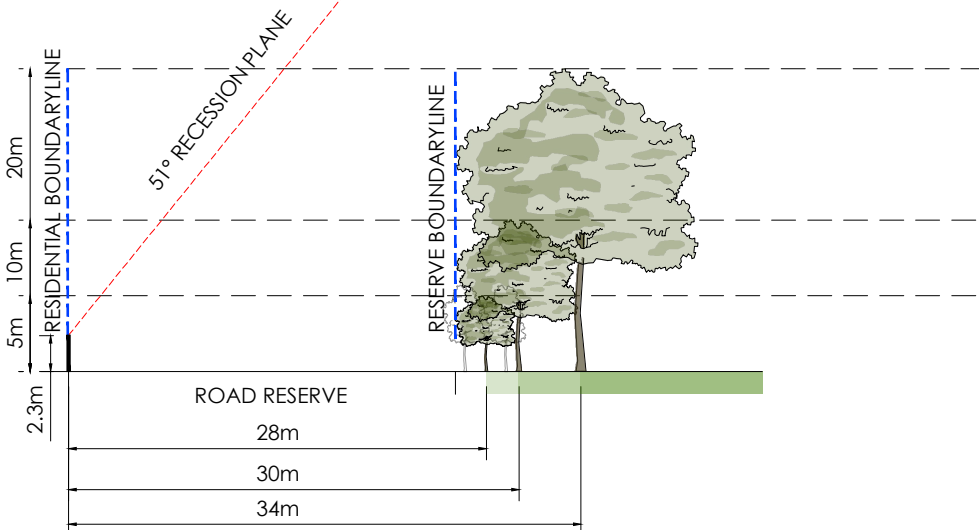
Title: FANSHAW RESERVE TREE PLANTING ZONES

Discipline	LANDSCAPE
Drawing No.	4672143-AL-F-002
Rev.	B

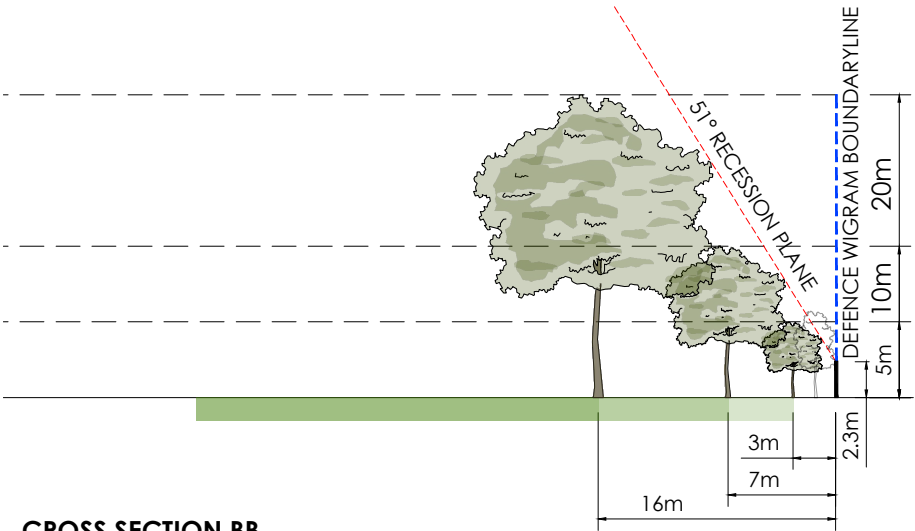
INDICATIVE BOUNDARY CROSS SECTIONS - POTENTIAL TREE PLANTING ZONES



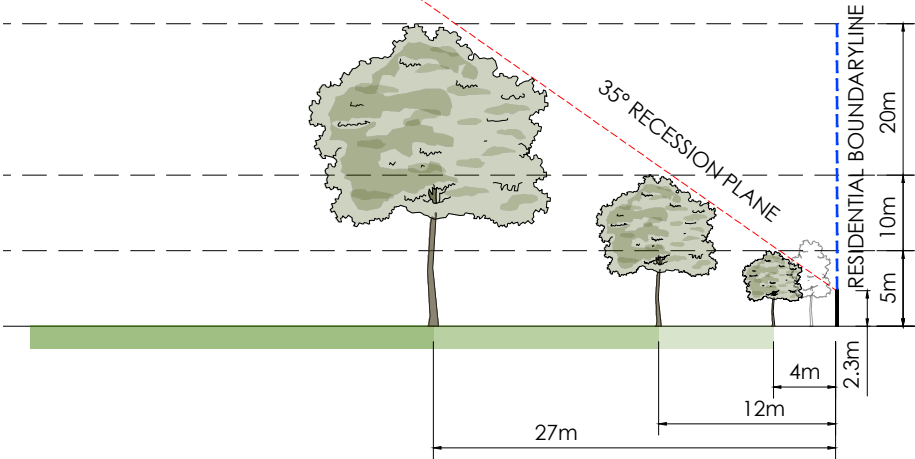
CROSS SECTION AA



CROSS SECTION DD



CROSS SECTION BB



CROSS SECTION CC

LEGEND

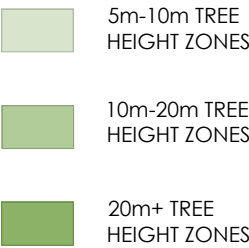


RECESSION PLANE ANGLE

BOUNDARY LINE

2.3m HEIGHT OF MEASURE POINT OF RECESSION PLANE

POTENTIAL TREE PLANTING AREAS:



FOR CONSULTATION

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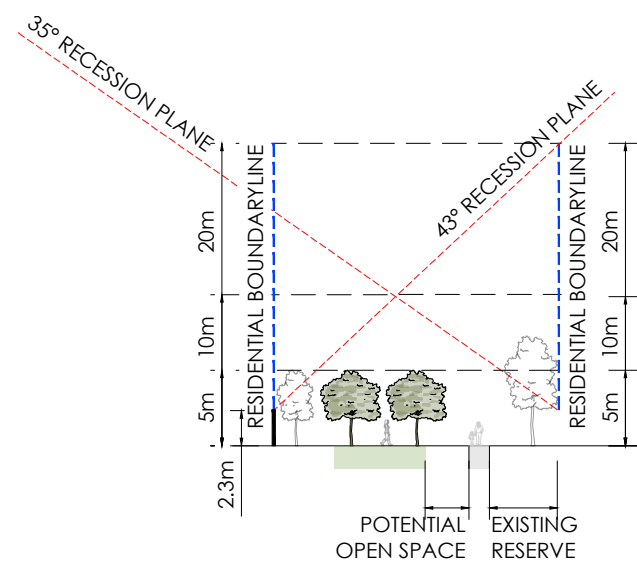


URBAN FOREST
TREE PLANTING
PLAN

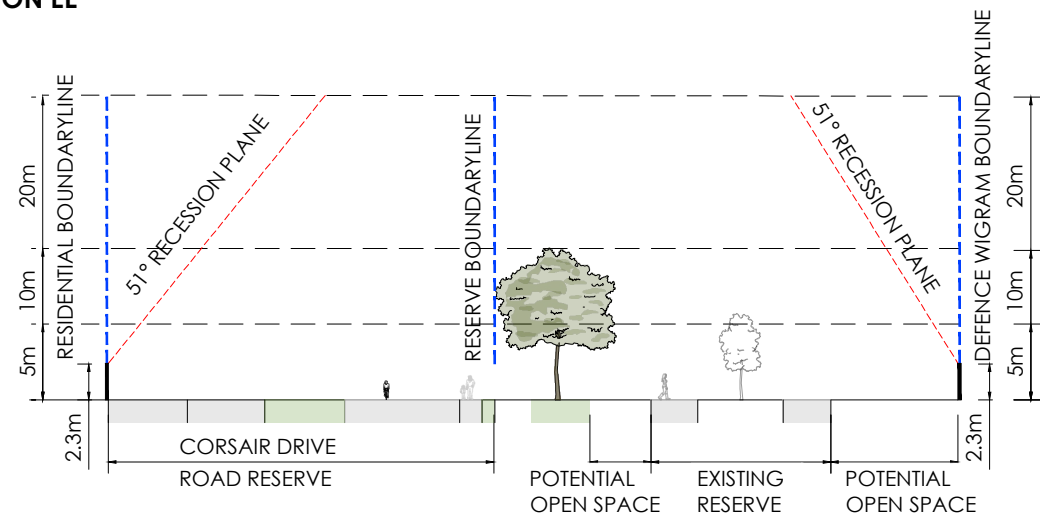
FANSHAW RESERVE
LOT BOUNDARY
CROSS SECTIONS

Discipline	LANDSCAPE
Drawing No.	4672143-AL-F-003
Rev.	B

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: FANSHAW RESERVE SITE WIDE CROSS SECTION

Discipline	LANDSCAPE
Drawing No.	4672143-AL-F-004
Rev.	B

WINTER SOLSTICE
DATE: 21ST JUNE
8AM

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



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Project:
URBAN FOREST
TREE PLANTING
PLAN

Title:
FANSHAW RESERVE
SHADOW STUDY
WINTER SOLSTICE 8AM

Discipline	LANDSCAPE
Drawing No.	4672143-AL-F-005
Rev.	B

WINTER SOLSTICE
DATE: 21ST JUNE
10AM

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



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Project: URBAN FOREST TREE PLANTING PLAN

Title: FANSHAW RESERVE SHADOW STUDY WINTER SOLSTICE 10AM

Discipline	LANDSCAPE
Drawing No.	4672143-AL-F-006
Rev.	B

WINTER SOLSTICE
DATE: 21ST JUNE
12 NOON

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



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Project:
URBAN FOREST
TREE PLANTING
PLAN

Title:
FANSHAW RESERVE
SHADOW STUDY
WINTER SOLSTICE 12PM

Discipline	LANDSCAPE
Drawing No.	4672143-AL-F-007
Rev.	B

WINTER SOLSTICE
DATE: 21ST JUNE
2PM

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



FOR CONSULTATION

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Project:
URBAN FOREST
TREE PLANTING
PLAN

Title:
FANSHAW RESERVE
SHADOW STUDY
WINTER SOLSTICE 2PM

Discipline	LANDSCAPE	
Drawing No.	4672143-AL-F-008	Rev. B

WINTER SOLSTICE
DATE: 21ST JUNE
4PM

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



FOR CONSULTATION

B	CONSULTATION	DD	KE	JC	13.12.23
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Project: URBAN FOREST TREE PLANTING PLAN

Title: FANSHAW RESERVE SHADOW STUDY WINTER SOLSTICE 4PM

Discipline	LANDSCAPE
Drawing No.	4672143-AL-F-009
Rev.	B

WINTER SOLSTICE
DATE: 21ST JUNE
6PM

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



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Project:
URBAN FOREST
TREE PLANTING
PLAN

Title:
FANSHAW RESERVE
SHADOW STUDY
WINTER SOLSTICE 6PM

Discipline	LANDSCAPE
Drawing No.	4672143-AL-F-010
Rev.	B

SUMMER SOLSTICE
DATE: 21ST DECEMBER
8AM

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



FOR CONSULTATION

A	CONSULTATION	DD	KE	JC	13.12.23
No.	Revision	By	Chk	Appd	Date

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Project: URBAN FOREST TREE PLANTING PLAN

Title: FANSHAW RESERVE SHADOW STUDY SUMMER SOLSTICE 8AM

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

SUMMER SOLSTICE
DATE: 21ST DECEMBER
10AM

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



FOR CONSULTATION

A	CONSULTATION	DD	KE	JC	13.12.23
No.	Revision	By	Chk	Appd	Date

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Project: URBAN FOREST TREE PLANTING PLAN

Title: FANSHAW RESERVE SHADOW STUDY SUMMER SOLSTICE 10AM	Discipline: LANDSCAPE
Drawing No. 4672143-AL-F-012	Rev. A

SUMMER SOLSTICE
DATE: 21ST DECEMBER
12PM

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



FOR CONSULTATION

A	CONSULTATION	DD	KE	JC	13.12.23
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Project: URBAN FOREST TREE PLANTING PLAN

Title: FANSHAW RESERVE SHADOW STUDY SUMMER SOLSTICE 12PM

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

SUMMER SOLSTICE
DATE: 21ST DECEMBER
2PM

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



FOR CONSULTATION

A	CONSULTATION	DD	KE	JC	13.12.23
No.	Revision	By	Chk	Appd	Date

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Project: URBAN FOREST TREE PLANTING PLAN

Title: FANSHAW RESERVE SHADOW STUDY SUMMER SOLSTICE 2PM

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

SUMMER SOLSTICE
DATE: 21ST DECEMBER
4PM

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



FOR CONSULTATION

A	CONSULTATION	DD	KE	JC	13.12.23
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Project:
URBAN FOREST
TREE PLANTING
PLAN

Title:
FANSHAW RESERVE
SHADOW STUDY
SUMMER SOLSTICE 4PM

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

SUMMER SOLSTICE
DATE: 21ST DECEMBER
6PM

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



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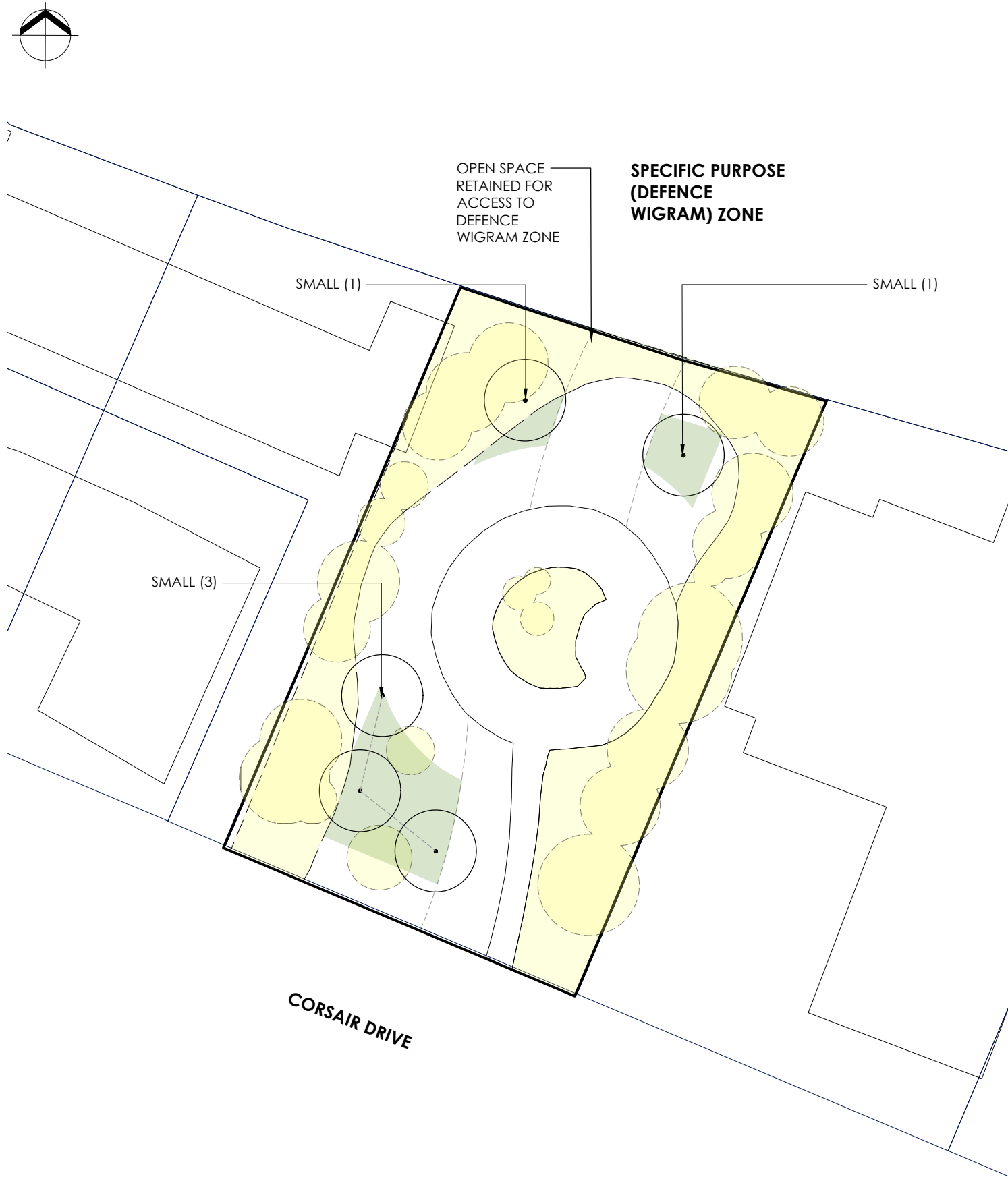
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Project: URBAN FOREST TREE PLANTING PLAN

Title: FANSHAW RESERVE SHADOW STUDY SUMMER SOLSTICE 6PM

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



SPECIFIC PURPOSE
(DEFENCE
WIGRAM) ZONE

OPEN SPACE
RETAINED FOR
ACCESS TO
DEFENCE
WIGRAM ZONE

SMALL (1)

SMALL (1)

SMALL (3)

CORSAIR DRIVE

PLANT SCHEDULE - FANSHAW PARK			
ID	QTY	TREE CATEGORY	TREE HEIGHT
TREE HEIGHT 5-10m			
SMALL	5	SMALL TREE	5-10m HEIGHT
TREE HEIGHT 11-20m			
MEDIUM	0	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 - FANSHAW PARK		
EXISTING NUMBER OF TREES		26
EXISTING CANOPY COVER	APPROXIMATELY	50%
PROPOSED NUMBER OF NEW TREES		5
PROPOSED NET CANOPY COVER (EXISTING VEGETATION AND PROPOSED)	APPROXIMATELY	60%

LEGEND:

EXISTING TREES/
VEGETATION

EXISTING FOOTPATH

PARK BOUNDARY

EXISTING RESERVE
AREA 573m²

**POTENTIAL TREE PLANTING
AREAS:**5m-10m TREE
HEIGHT ZONES10m-20m TREE
HEIGHT ZONES20m+ TREE
HEIGHT ZONES**PROPOSED TREES:**SMALL TREE 5-10m

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Project:
URBAN FOREST
TREE PLANTING
PLAN

Title:
FANSHAW PARK
INDICATIVE TREE
PLANTING PLAN

Discipline LANDSCAPE	
Drawing No. 4672143-AL-F-017	Rev. B

FOR CONSULTATION

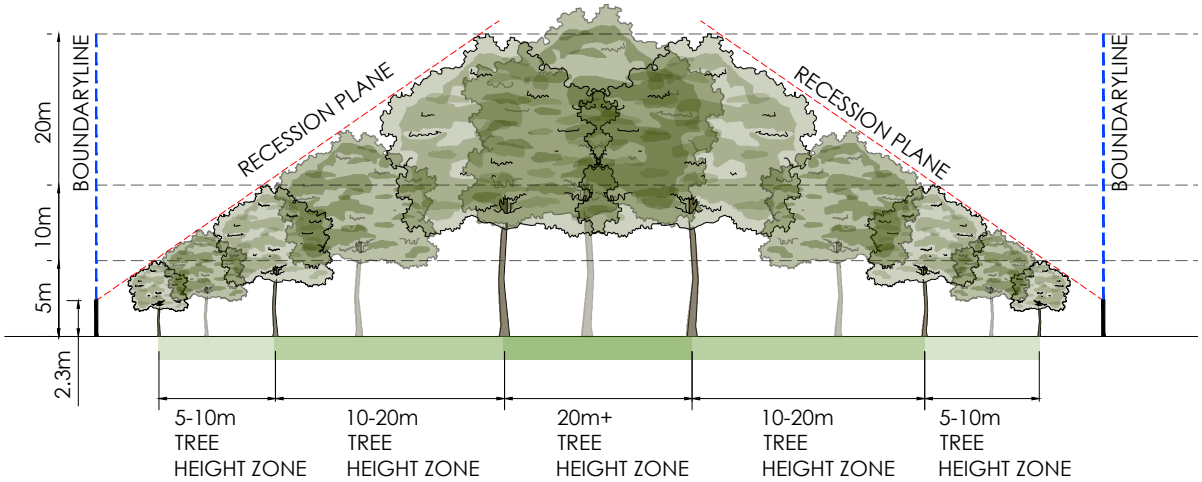
GUIDELINE SUMMARY:

- 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

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Project: URBAN FOREST
TREE PLANTING
PLAN

Title: FANSHAW RESERVE
TREE PLANTING
GUIDELINES

Discipline	LANDSCAPE
Drawing No.	4672143-AL-F-018
Rev.	B