

Align

Shortland Playground Community Park Tree Planting Study

[For Information]

13/12/2023

DWG NO.

CCC001B-DRG-LA-100
CCC001B-DRG-LA-101
CCC001B-DRG-LA-102
CCC001B-DRG-LA-103
CCC001B-DRG-LA-104
CCC001B-DRG-LA-105
CCC001B-DRG-LA-106
CCC001B-DRG-LA-107
CCC001B-DRG-LA-108
CCC001B-DRG-LA-109
CCC001B-DRG-LA-110
CCC001B-DRG-LA-111
CCC001B-DRG-LA-112
CCC001B-DRG-LA-113
CCC001B-DRG-LA-114
CCC001B-DRG-LA-115
CCC001B-DRG-LA-116
CCC001B-DRG-LA-117
CCC001B-DRG-LA-118

DESCRIPTION

EXISTING PLANTING
TREE PLANTING ZONES
LOT BOUNDARY CROSS SECTIONS
SHADE STUDY - SUMMER SOLSTICE - 8 AM
SHADE STUDY - SUMMER SOLSTICE - 10 AM
SHADE STUDY - SUMMER SOLSTICE - 12 NOON
SHADE STUDY - SUMMER SOLSTICE - 2 PM
SHADE STUDY - SUMMER SOLSTICE - 4 PM
SHADE STUDY - SUMMER SOLSTICE - 6 PM
SHADE STUDY - WINTER SOLSTICE - 8 AM
SHADE STUDY - WINTER SOLSTICE - 10 AM
SHADE STUDY - WINTER SOLSTICE - 12 NOON
SHADE STUDY - WINTER SOLSTICE - 2 PM
SHADE STUDY - WINTER SOLSTICE - 4 PM
SHADE STUDY - WINTER SOLSTICE - 6 PM
INDICATIVE TREE PLANTING PLAN
EXISTING PLAN
PROPOSED CONCEPT PLAN
TREE PLANTING GUIDELINES



1:3000 @ A3





GENERAL NOTES:

- 1. REFER TO TREE PLANTING GUIDELINES ON SHEET CCC001B-DRG-LA-117
- 2. TREES PROPOSED TO BE REMOVED ARE DEAD OR DYING.

--- SHORTLAND PLAYGROUND BOUNDARY

KEY:

- EXISTING CANOPY COVERAGE
- EXISTING TREE TO BE REMOVED / REPLACED
- EXISTING GARDEN BED
- FOOTPATH
- PLAYGROUND
- LOT BOUNDARIES
- NOTE - TREES PROPOSED TO BE REMOVED ARE DEAD OR DYING.

REVISIONS

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A	6/12/2023	ISSUE FOR INFORMATION
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PROJECT

Shortland Playground
176 Shortland Street, Aranui, Christchurch

DRAWING

EXISTING PLANTING

SCALE	1:500 @ A3
DATE	13/12/2023

DRAWN	MT
CHECKED	AB

STAGE	ISSUE FOR INFORMATION
JOB NO.	CCC001B

DRAWING NO.
CCC001B-DRG-LA-100

REVISION NO. C



GENERAL NOTES:

1. REFER TO TREE PLANTING GUIDELINES ON SHEET CCC001B-DRG-LA-117
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--- SHORTLAND PLAYGROUND BOUNDARY

KEY:

- EXISTING CANOPY COVERAGE
- EXISTING TREE TO BE REMOVED / REPLACED
- EXISTING GARDEN BED
- FOOTPATH
- PLAYGROUND
- LOT BOUNDARIES

POTENTIAL TREE PLANTING AREAS:

- SMALL: 5 - 10M TREE HEIGHT ZONE
- MEDIUM: 11 - 15M TREE HEIGHT ZONE
- LARGE: 16 - 20M TREE HEIGHT ZONE
- VERY LARGE: 20M+ TREE HEIGHT ZONE
- OFFSET FROM FOOTPATH

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PROJECT

Shortland Playground
176 Shortland Street, Aranui, Christchurch

DRAWING

TREE PLANTING ZONES

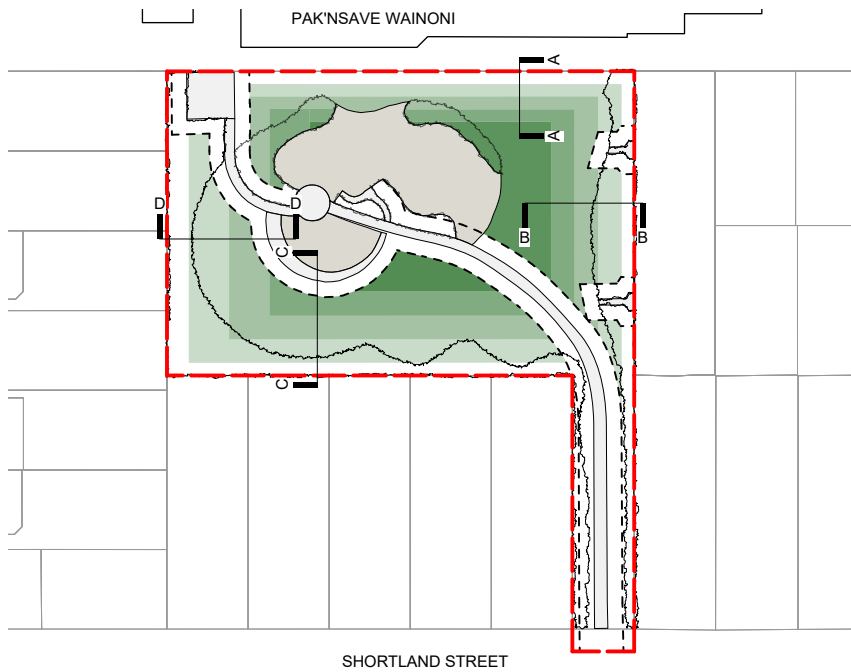
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DATE	13/12/2023

DRAWN	MT
CHECKED	AB

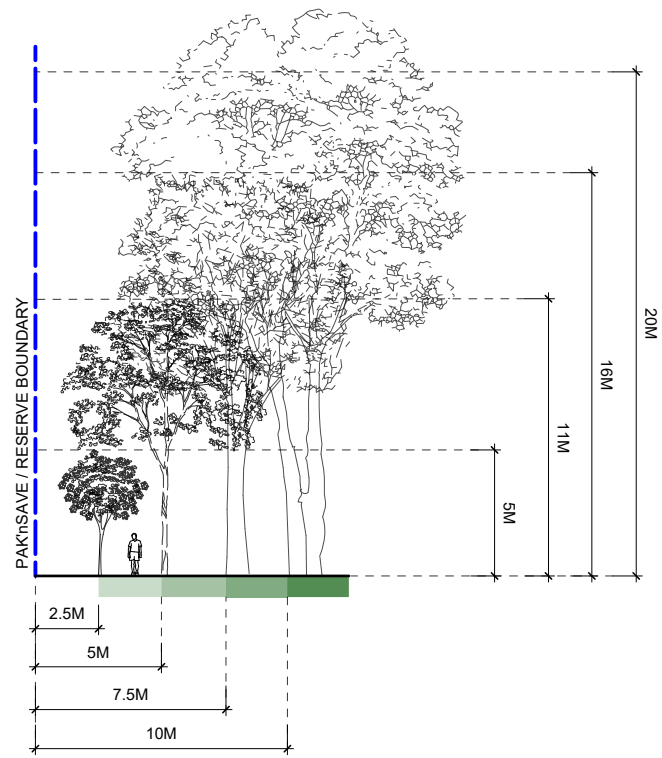
STAGE	ISSUE FOR INFORMATION
JOB NO.	CCC001B

DRAWING NO.
CCC001B-DRG-LA-101

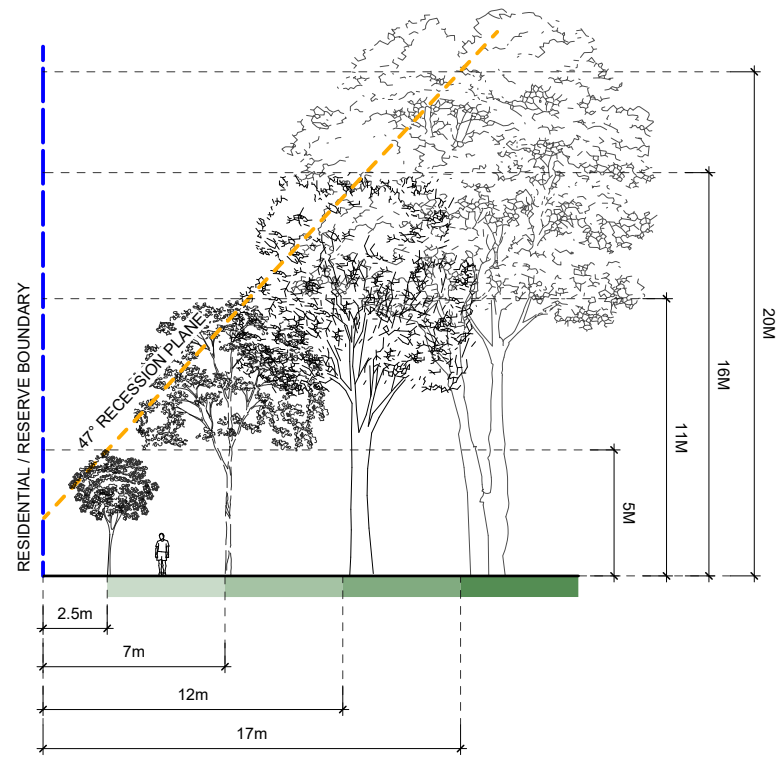
REVISION NO. C



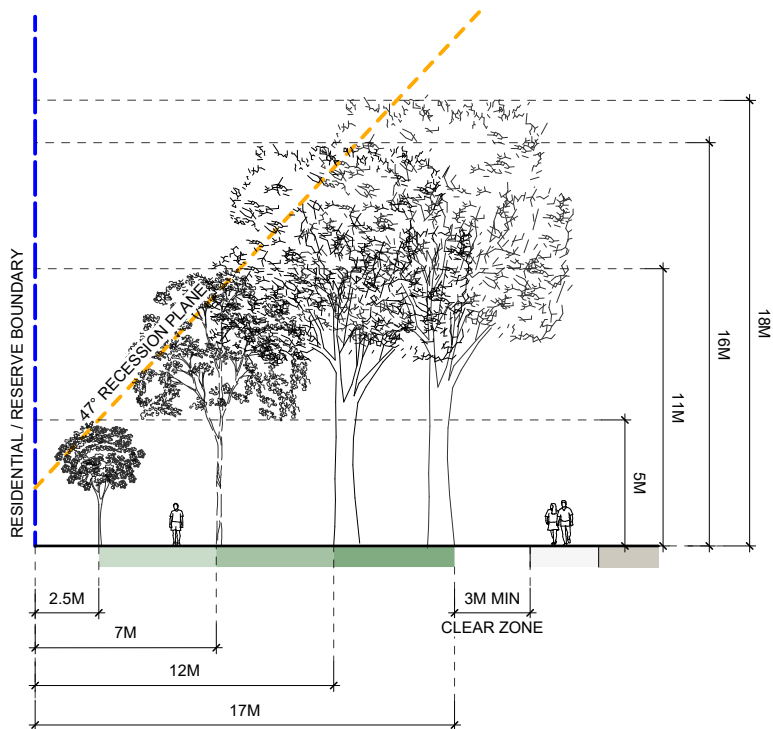
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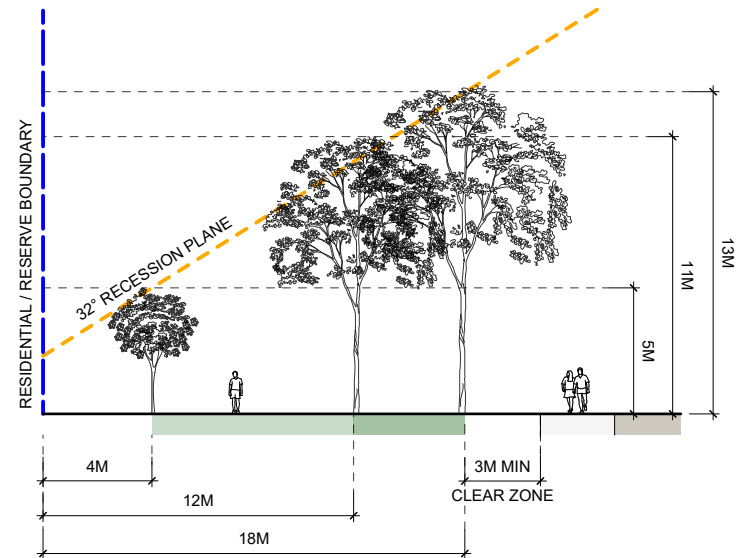
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Scale: 1:300 @ A3



3 SECTION B-B
Scale: 1:300 @ A3



4 SECTION C-C
Scale: 1:300 @ A3



5 SECTION D-D
Scale: 1:300 @ A3

GENERAL NOTES:

1. REFER TO TREE PLANTING GUIDELINES ON SHEET CCC001B-DRG-LA-117

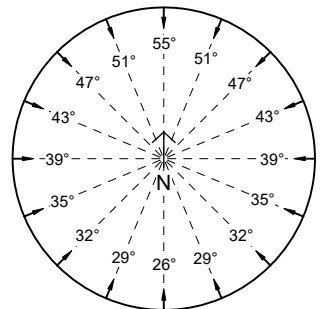
--- SHORTLAND PLAYGROUND BOUNDARY

POTENTIAL TREE PLANTING ZONES:

- SMALL: 5 - 10M TREE HEIGHT ZONE
- MEDIUM: 11 - 15M TREE HEIGHT ZONE
- LARGE: 16 - 20M TREE HEIGHT ZONE
- VERY LARGE: 20M+ TREE HEIGHT ZONE

RECESSION PLANE:

- RESIDENTIAL SUBURBAN ZONE



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PROJECT

Shortland Playground
176 Shortland Street, Aranui, Christchurch

DRAWING

LOT BOUNDARY CROSS SECTIONS

SCALE AS SHOWN

DATE 13/12/2023

DRAWN MT

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STAGE ISSUE FOR INFORMATION

JOB NO. CCC001B

DRAWING NO.
CCC001B-DRG-LA-102

REVISION NO. C

SUMMER SOLSTICE
DATE 22nd DECEMBER
8 AM



GENERAL NOTES:

1. REFER TO TREE PLANTING GUIDELINES ON SHEET CCC001B-DRG-LA-117
- SHORTLAND PLAYGROUND BOUNDARY

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Shortland Playground
176 Shortland Street, Aranui, Christchurch

DRAWING

SHADE STUDY - SUMMER SOLSTICE
- 8 AM

SCALE	1:500 @ A3
DATE	13/12/2023

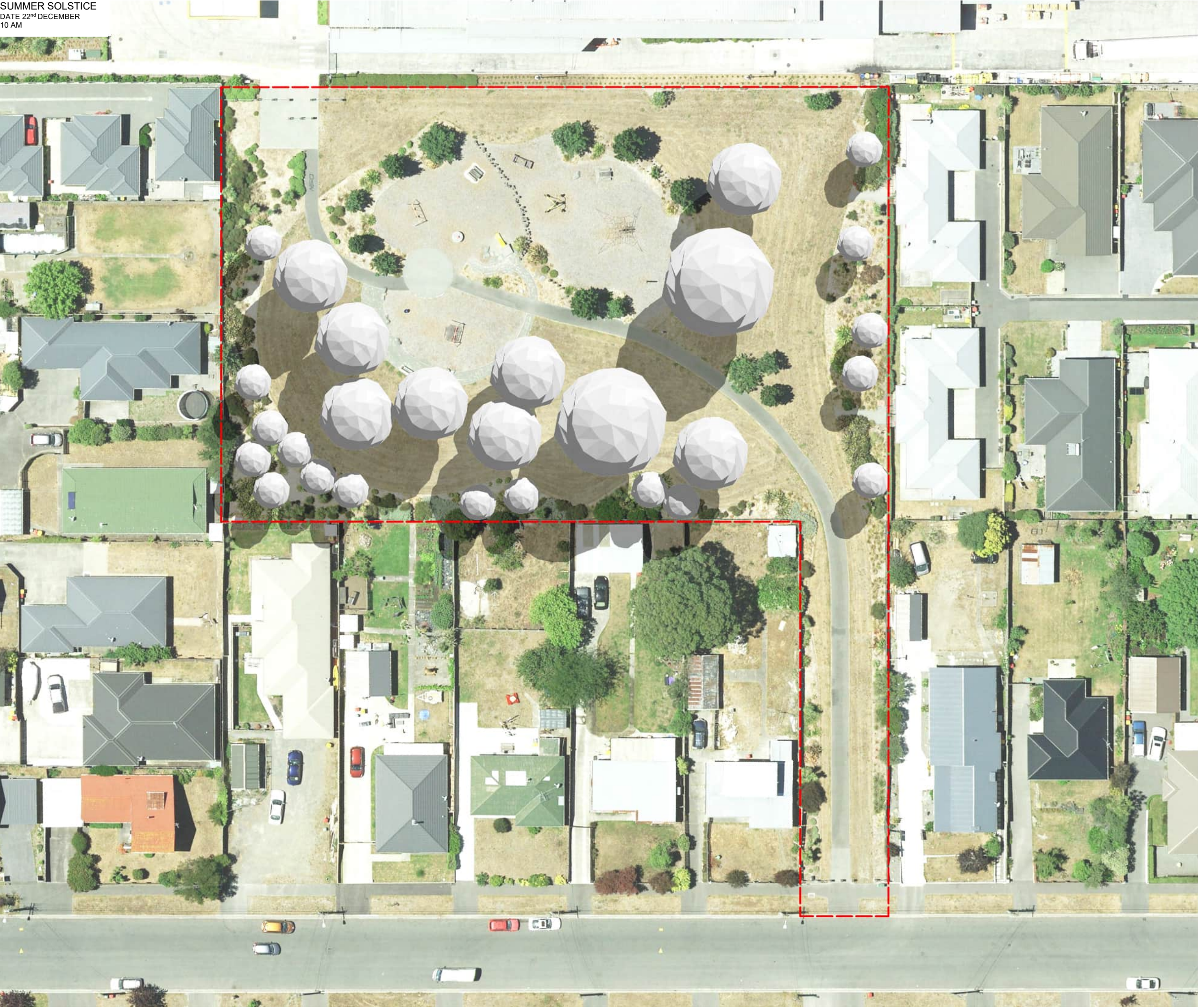
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STAGE	ISSUE FOR INFORMATION
JOB NO.	CCC001B

DRAWING NO.
CCC001B-DRG-LA-103

REVISION NO. B

SUMMER SOLSTICE
DATE 22nd DECEMBER
10 AM



GENERAL NOTES:

1. REFER TO TREE PLANTING GUIDELINES ON SHEET CCC001B-DRG-LA-117
- SHORTLAND PLAYGROUND BOUNDARY

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Shortland Playground
176 Shortland Street, Aranui, Christchurch

DRAWING

SHADE STUDY - SUMMER SOLSTICE
- 10 AM

SCALE	1:500 @ A3
DATE	13/12/2023

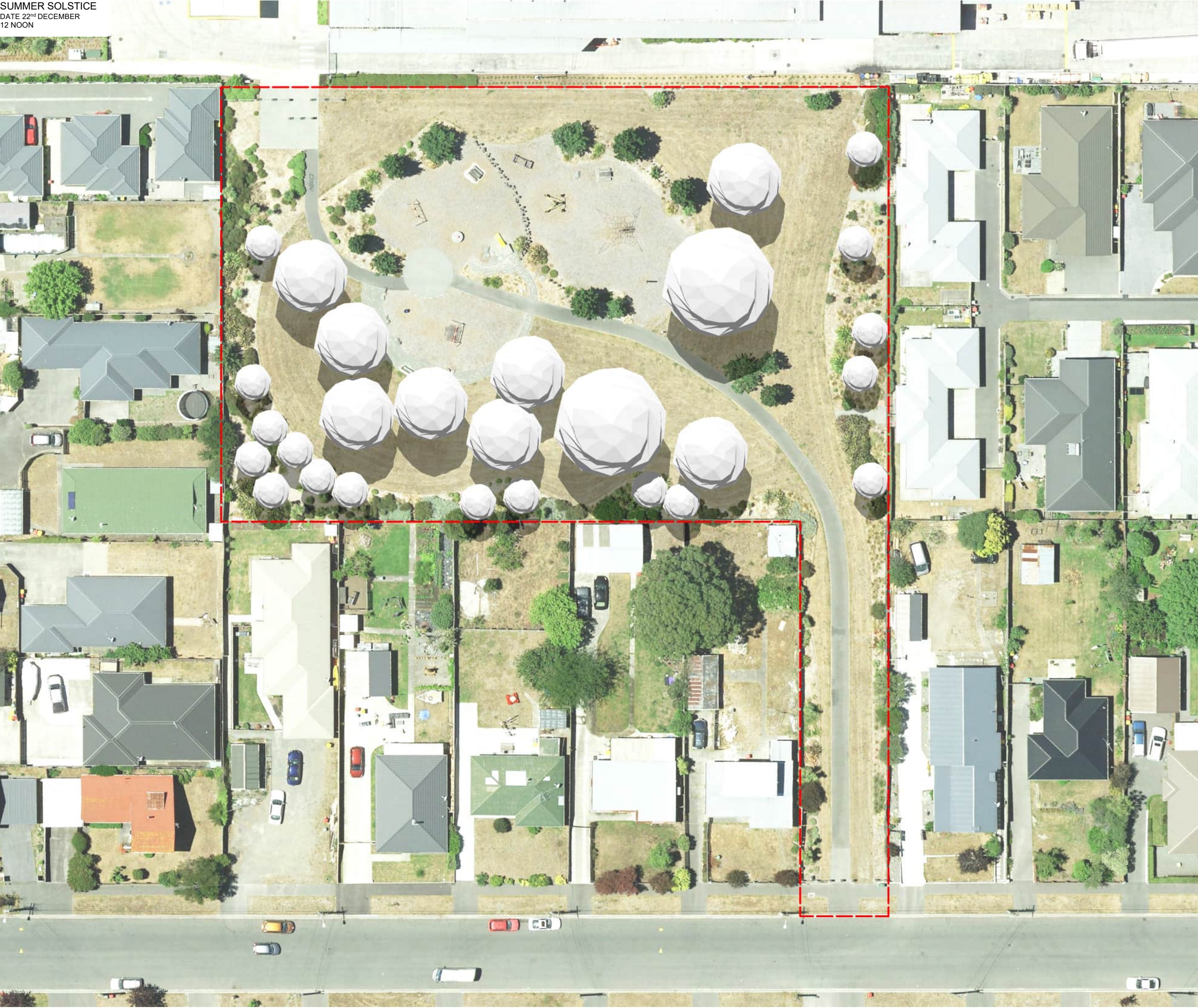
DRAWN	MT
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STAGE	ISSUE FOR INFORMATION
JOB NO.	CCC001B

DRAWING NO.
CCC001B-DRG-LA-104

REVISION NO. B

SUMMER SOLSTICE
DATE 22nd DECEMBER
12 NOON



GENERAL NOTES:

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- SHORTLAND PLAYGROUND BOUNDARY

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Shortland Playground
176 Shortland Street, Aranui, Christchurch

DRAWING

SHADE STUDY - SUMMER SOLSTICE
- 12 NOON

SCALE 1:500 @ A3
DATE 13/12/2023

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STAGE ISSUE FOR INFORMATION
JOB NO. CCC001B

DRAWING NO.
CCC001B-DRG-LA-105

REVISION NO. B

SUMMER SOLSTICE
DATE 22nd DECEMBER
2 PM



GENERAL NOTES:

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- SHORTLAND PLAYGROUND BOUNDARY

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Shortland Playground
176 Shortland Street, Aranui, Christchurch

DRAWING

SHADE STUDY - SUMMER SOLSTICE
- 2 PM

SCALE	1:500 @ A3
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JOB NO.	CCC001B

DRAWING NO.
CCC001B-DRG-LA-106

REVISION NO. B

SUMMER SOLSTICE
DATE 22nd DECEMBER
4 PM



GENERAL NOTES:

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Shortland Playground
176 Shortland Street, Aranui, Christchurch

DRAWING

SHADE STUDY - SUMMER SOLSTICE
- 4 PM

SCALE	1:500 @ A3
DATE	13/12/2023

DRAWN	MT
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STAGE	ISSUE FOR INFORMATION
JOB NO.	CCC001B

DRAWING NO.
CCC001B-DRG-LA-107

REVISION NO. B

SUMMER SOLSTICE
DATE 22nd DECEMBER
6 PM



GENERAL NOTES:

1. REFER TO TREE PLANTING GUIDELINES ON SHEET CCC001B-DRG-LA-117
- SHORTLAND PLAYGROUND BOUNDARY

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Shortland Playground
176 Shortland Street, Aranui, Christchurch

DRAWING

SHADE STUDY - SUMMER SOLSTICE
- 6 PM

SCALE	1:500 @ A3
DATE	13/12/2023

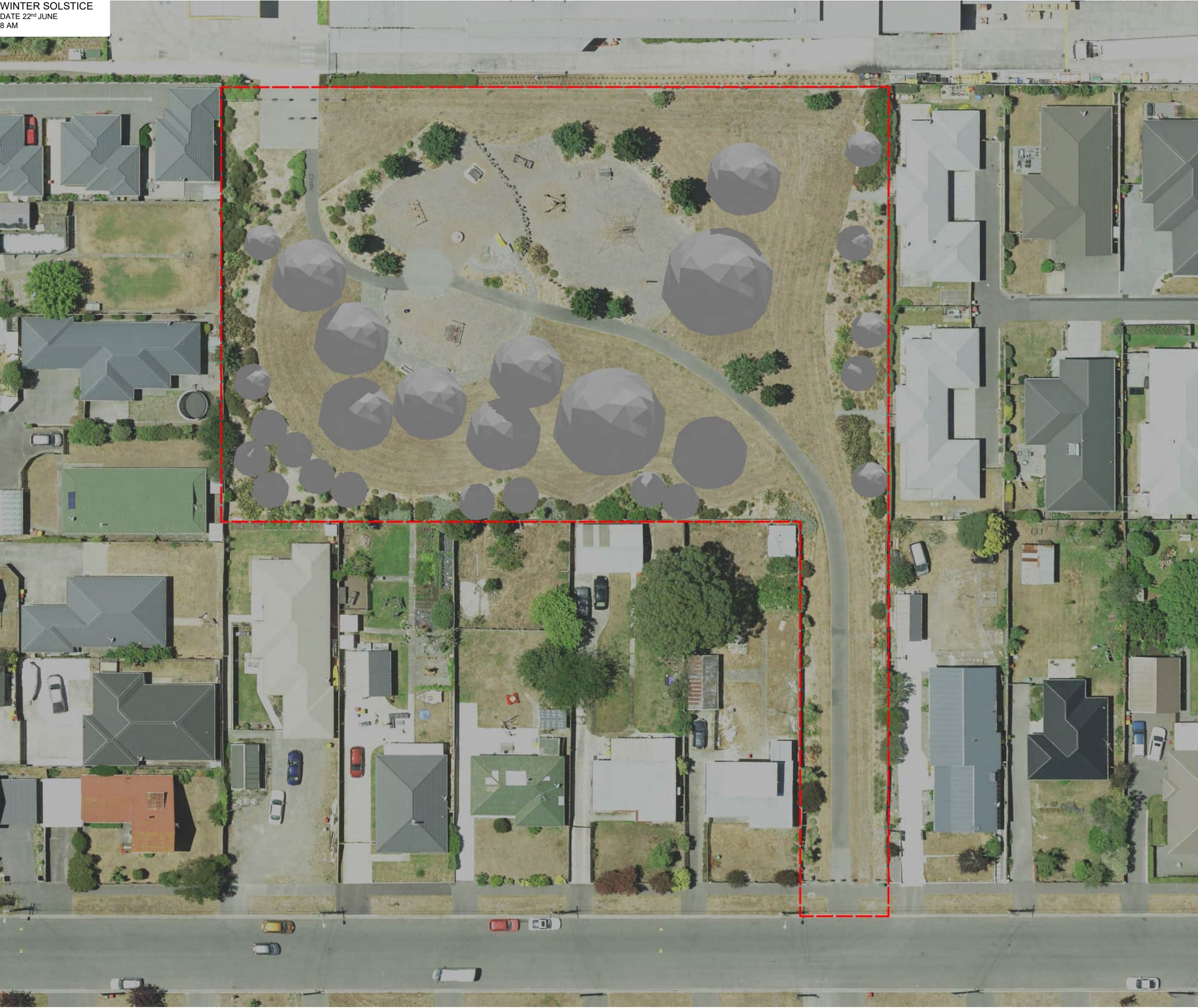
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STAGE	ISSUE FOR INFORMATION
JOB NO.	CCC001B

DRAWING NO.
CCC001B-DRG-LA-108

REVISION NO. B

WINTER SOLSTICE
DATE 22nd JUNE
8 AM



GENERAL NOTES:

1. REFER TO TREE PLANTING GUIDELINES ON SHEET CCC001B-DRG-LA-117
- SHORTLAND PLAYGROUND BOUNDARY

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176 Shortland Street, Aranui, Christchurch

DRAWING

SHADE STUDY - WINTER SOLSTICE
- 8 AM

SCALE	1:500 @ A3
DATE	13/12/2023

DRAWN	MT
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STAGE	ISSUE FOR INFORMATION
JOB NO.	CCC001B

DRAWING NO.
CCC001B-DRG-LA-109

REVISION NO. C

WINTER SOLSTICE
DATE 22nd JUNE
10 AM



GENERAL NOTES:

1. REFER TO TREE PLANTING GUIDELINES ON SHEET CCC001B-DRG-LA-117
- SHORTLAND PLAYGROUND BOUNDARY

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PROJECT

Shortland Playground
176 Shortland Street, Aranui, Christchurch

DRAWING

SHADE STUDY - WINTER SOLSTICE
- 10 AM

SCALE 1:500 @ A3
DATE 13/12/2023

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STAGE ISSUE FOR INFORMATION
JOB NO. CCC001B

DRAWING NO.
CCC001B-DRG-LA-110

REVISION NO. C

WINTER SOLSTICE
DATE 22nd JUNE
12 NOON



GENERAL NOTES:

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- SHORTLAND PLAYGROUND BOUNDARY

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PROJECT

Shortland Playground
176 Shortland Street, Aranui, Christchurch

DRAWING

SHADE STUDY - WINTER SOLSTICE
- 12 NOON

SCALE	1:500 @ A3
DATE	13/12/2023

DRAWN	MT
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STAGE	ISSUE FOR INFORMATION
JOB NO.	CCC001B

DRAWING NO.
CCC001B-DRG-LA-111

REVISION NO. C

WINTER SOLSTICE
DATE 22nd JUNE
2 PM



GENERAL NOTES:

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- SHORTLAND PLAYGROUND BOUNDARY

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PROJECT

Shortland Playground
176 Shortland Street, Aranui, Christchurch

DRAWING

SHADE STUDY - WINTER SOLSTICE
- 2 PM

SCALE	1:500 @ A3
DATE	13/12/2023

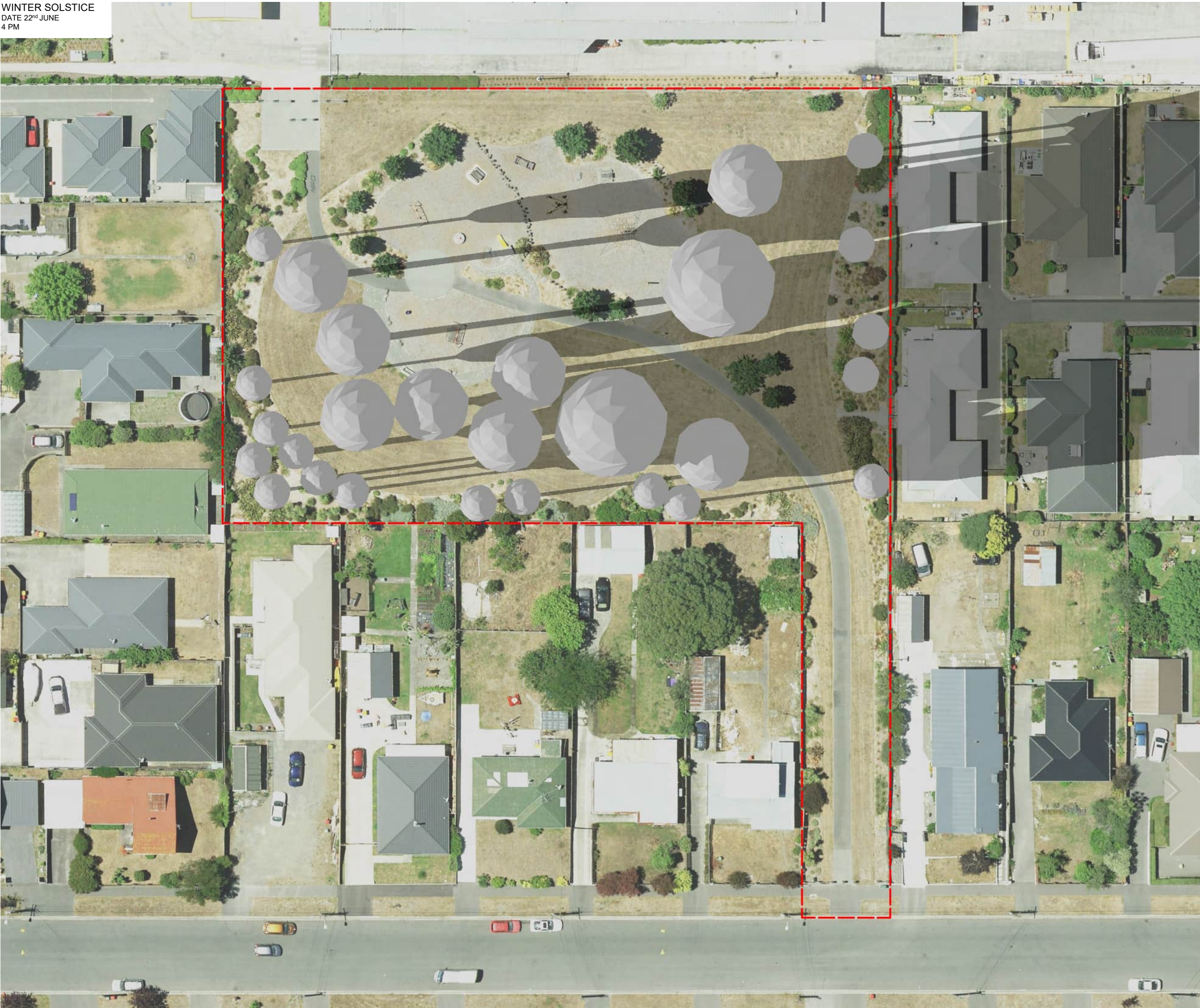
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STAGE	ISSUE FOR INFORMATION
JOB NO.	CCC001B

DRAWING NO.
CCC001B-DRG-LA-112

REVISION NO. C

WINTER SOLSTICE
DATE 22nd JUNE
4 PM



GENERAL NOTES:

1. REFER TO TREE PLANTING GUIDELINES ON SHEET CCC001B-DRG-LA-117
- SHORTLAND PLAYGROUND BOUNDARY

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Shortland Playground
176 Shortland Street, Aranui, Christchurch

DRAWING

SHADE STUDY - WINTER SOLSTICE
- 4 PM

SCALE 1:500 @ A3

DATE 13/12/2023

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STAGE ISSUE FOR INFORMATION

JOB NO. CCC001B

DRAWING NO.
CCC001B-DRG-LA-113

REVISION NO. C

WINTER SOLSTICE
DATE 22nd JUNE
6 PM



GENERAL NOTES:

1. REFER TO TREE PLANTING GUIDELINES ON SHEET CCC001B-DRG-LA-117
- SHORTLAND PLAYGROUND BOUNDARY

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Shortland Playground
176 Shortland Street, Aranui, Christchurch

DRAWING

SHADE STUDY - WINTER SOLSTICE
- 6 PM

SCALE	1:500 @ A3
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DRAWN	MT
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STAGE	ISSUE FOR INFORMATION
JOB NO.	CCC001B

DRAWING NO.
CCC001B-DRG-LA-114

REVISION NO. C



GENERAL NOTES:

1. REFER TO TREE PLANTING GUIDELINES ON SHEET CCC001B-DRG-LA-117
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PROJECT

Shortland Playground
176 Shortland Street, Aranui, Christchurch

DRAWING

EXISTING PLAN

SCALE	1:500 @ A3
DATE	13/12/2023

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STAGE	ISSUE FOR INFORMATION
JOB NO.	CCC001B

DRAWING NO.
CCC001B-DRG-LA-116

REVISION NO. A



GENERAL NOTES:

1. REFER TO TREE PLANTING GUIDELINES ON SHEET CCC001B-DRG-LA-117
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Shortland Playground
176 Shortland Street, Aranui, Christchurch

DRAWING

PROPOSED CONCEPT PLAN

SCALE	1:500 @ A3
DATE	13/12/2023

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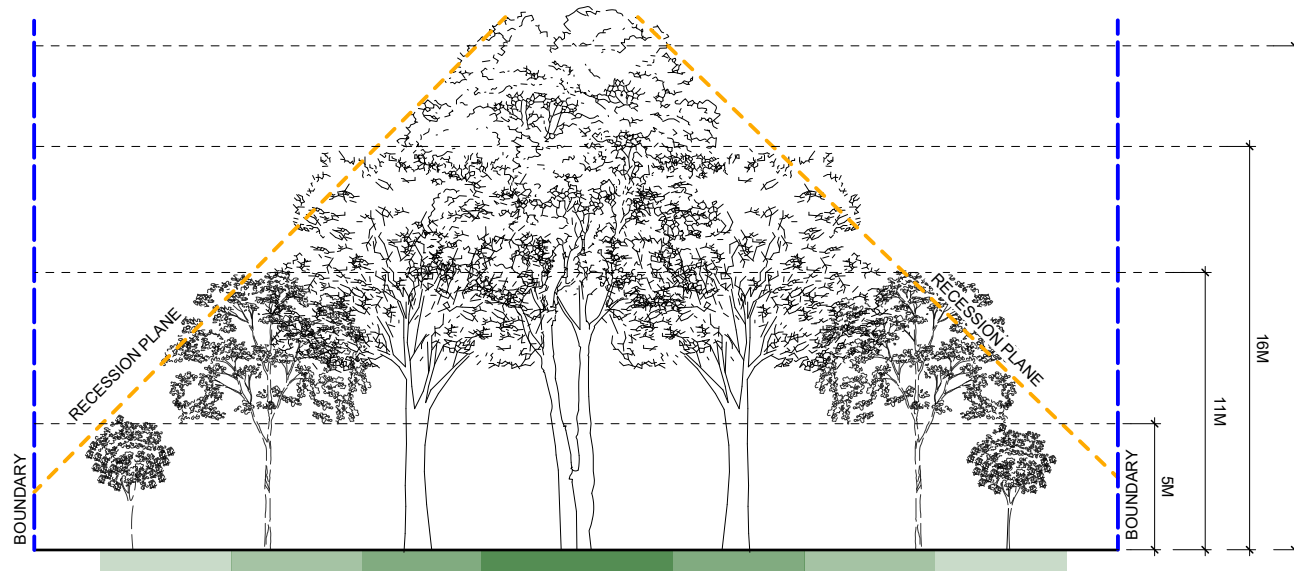
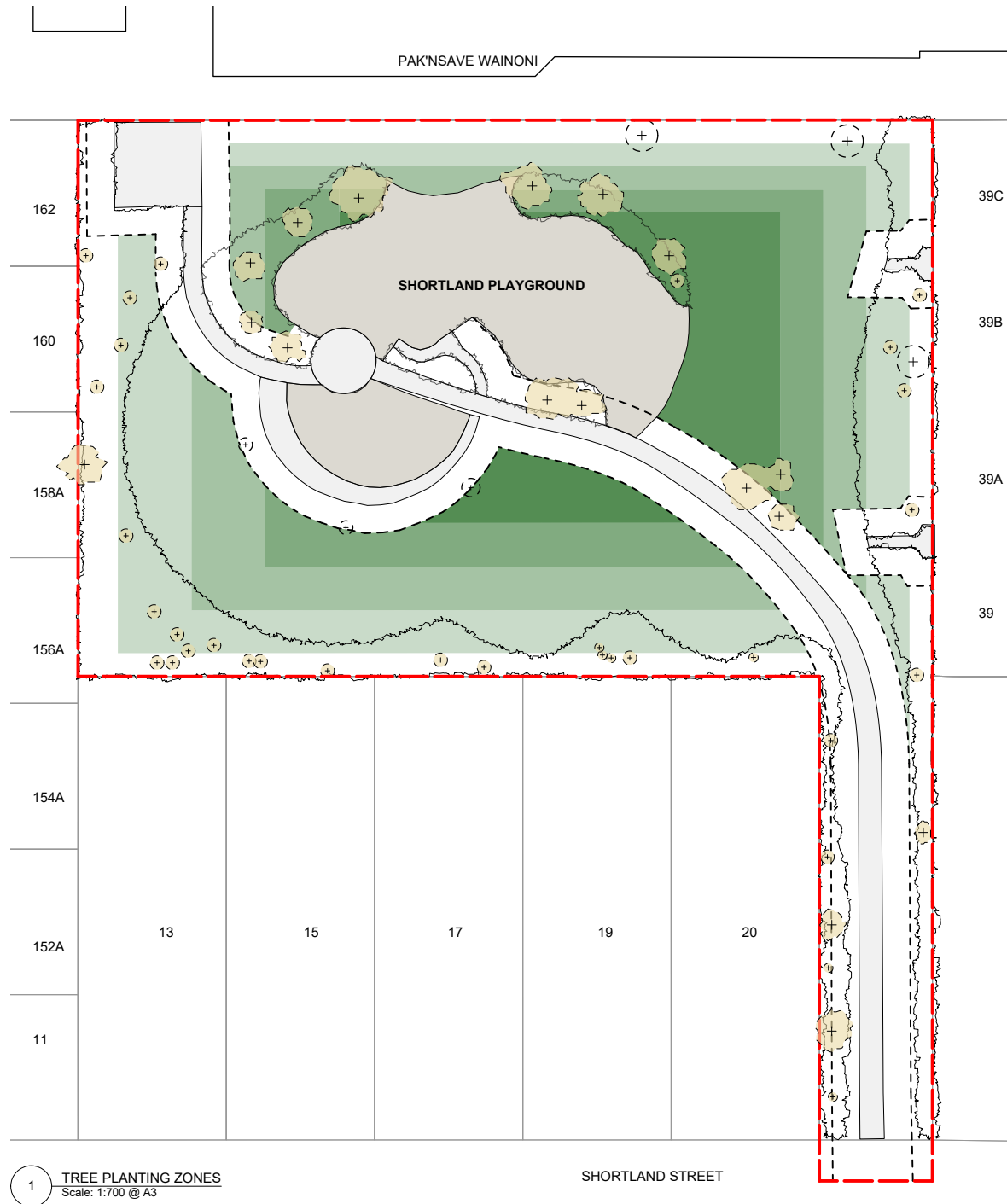
REVISION NO. B

GUIDE LINE SUMMARY

1. TREE PLANTING TO SPECIAL CHARACTER PARKS WILL CONTINUE THE ESTABLISHED THEME.
2. TREES WILL BE POSITIONED APPROPRIATELY TO ALLOW FOR DEBRIS MANAGEMENT.
3. TREE SPECIES SHALL BE WELL SUITED TO THE LOCAL CONDITIONS.
4. PLANTING ALONG WATERWAYS WILL BE PREDOMINANTLY NATIVE SPECIES.
5. CCC WILL AIM FOR 40-60% OF NEW TREE PLANTINGS AS NATIVES.

TREE SETBACK & SPACING

1. NO TREE SHALL INTRUDE THROUGH THE RECESSION PLANE.
2. NO TREE SHALL BE PLANTED CLOSER THAN 3.0M FROM A PATHWAY.
3. 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.
4. TREE SPACINGS SHALL BE A MINIMUM OF 5.0M APART TO ALLOW FOR EASY LAWN MOWING.
5. MIN. 2M OFFSET FOR LOW VOLTAGE POWER
6. MIN. 3M OFFSET FOR 11KV POWER
7. MIN. 5M OFFSET FOR 33-66KV
8. MIN. 1M OFFSET FOR ALL OTHER SERVICES AND HARD PAVING NOT MENTIONED ABOVE.



GENERAL NOTES:

1. REFER TO TREE PLANTING GUIDELINES ON SHEET CCC001B-DRG-LA-117

--- SHORTLAND PLAYGROUND BOUNDARY

KEY:

- EXISTING CANOPY COVERAGE
- EXISTING TREE TO BE REMOVED / REPLACED
- EXISTING GARDEN BED
- FOOTPATH
- PLAYGROUND
- LOT BOUNDARIES
- NOTE - TREES PROPOSED TO BE REMOVED ARE DEAD OR DYING.

POTENTIAL TREE PLANTING AREAS:

- SMALL: 5 - 10M TREE HEIGHT ZONE
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- LARGE: 16 - 20M TREE HEIGHT ZONE
- VERY LARGE: 20M+ TREE HEIGHT ZONE
- OFFSET FROM FOOTPATH

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DRAWING

TREE PLANTING GUIDELINES

SCALE AS SHOWN
DATE 13/12/2023

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