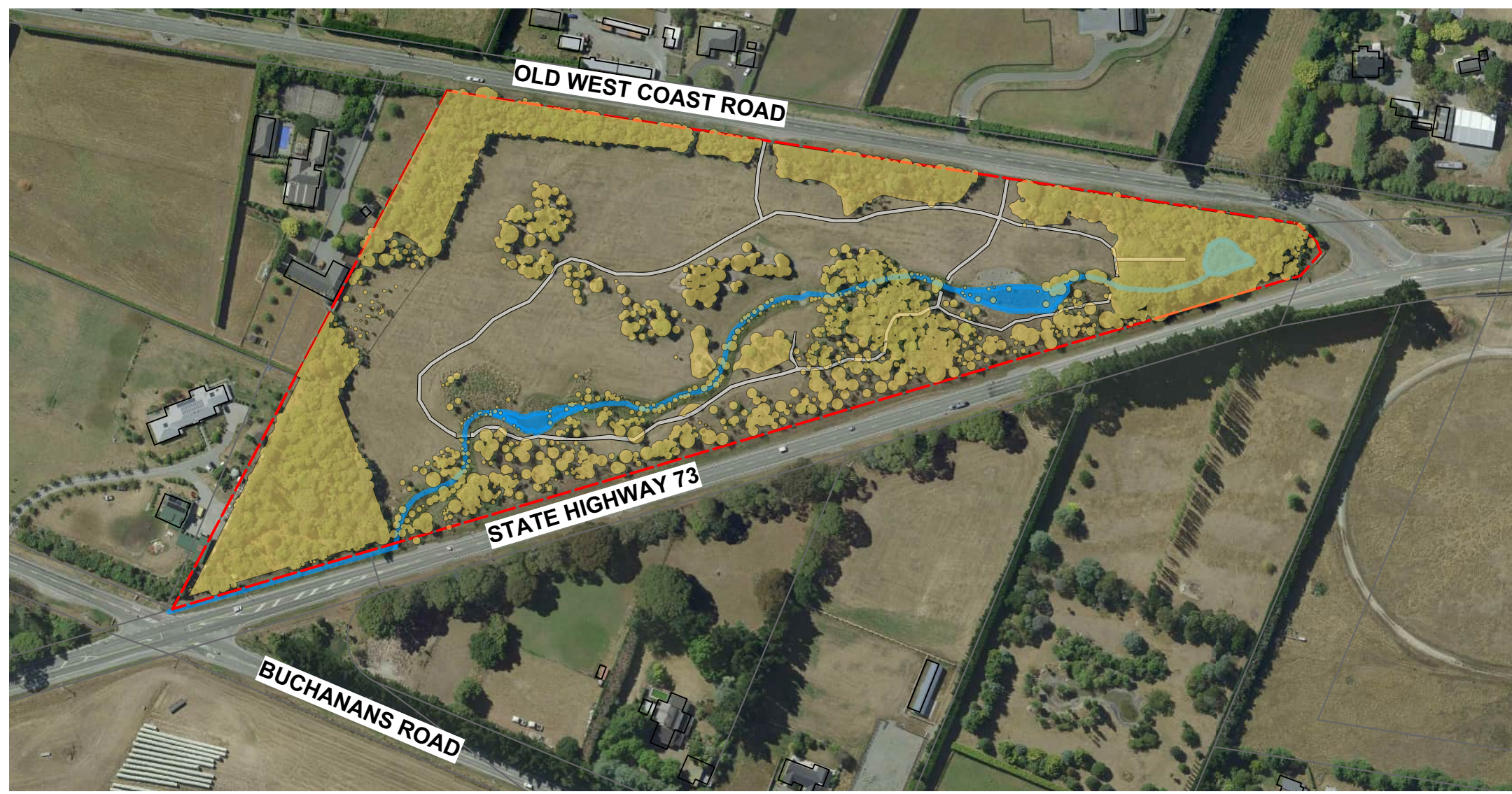




KEY

Existing Features

-  Existing Tree/ Vegetation
-  Existing Naturalised Water Race
-  Site Boundary



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KEY

Potential Tree Planting Areas

- 5m - 10m Trees Height Zone
- 10m - 15m Trees Height Zone
- 15m - 20m Trees Height Zone
- 20+m Trees Height Zone

Existing Features

- Existing Tree/ Vegetation
- Existing Naturalised Water Race
- Site Boundary

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YALDHURST BUSH

URBAN FOREST PLAN
TREE PLANTING ZONES

SCALE 1:2500

Original Plan Size: A3

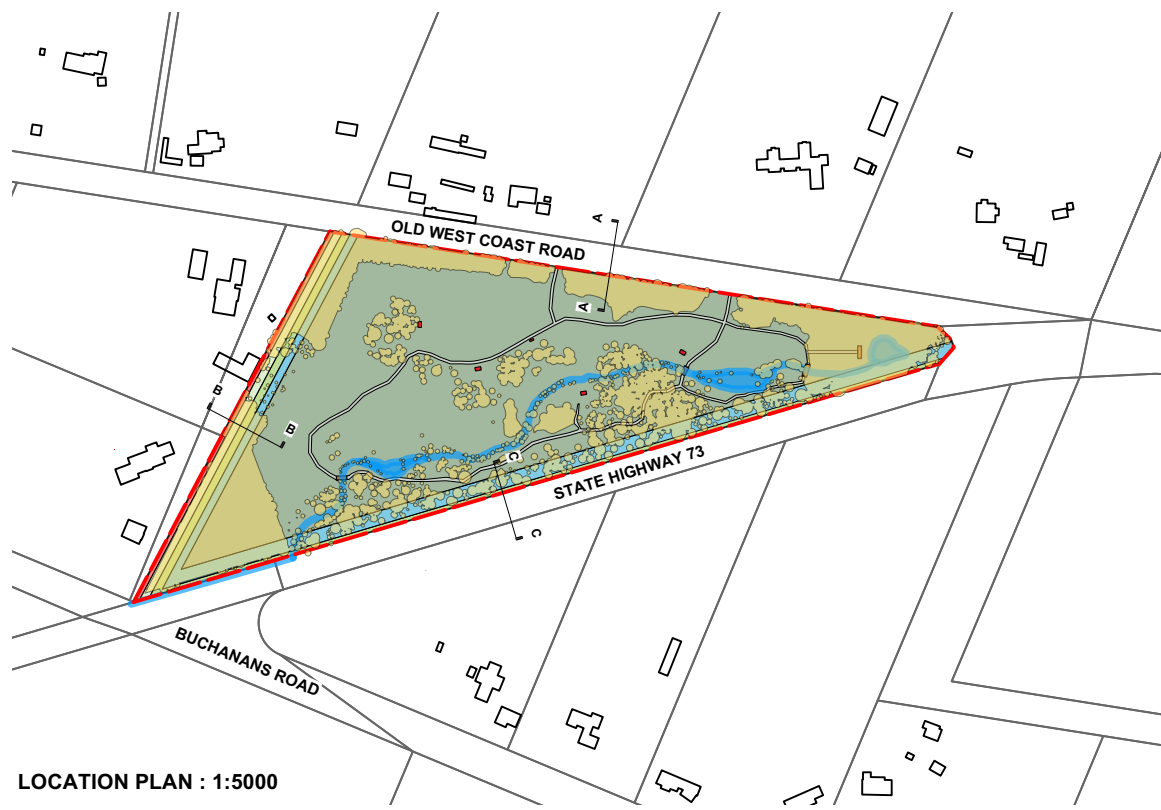
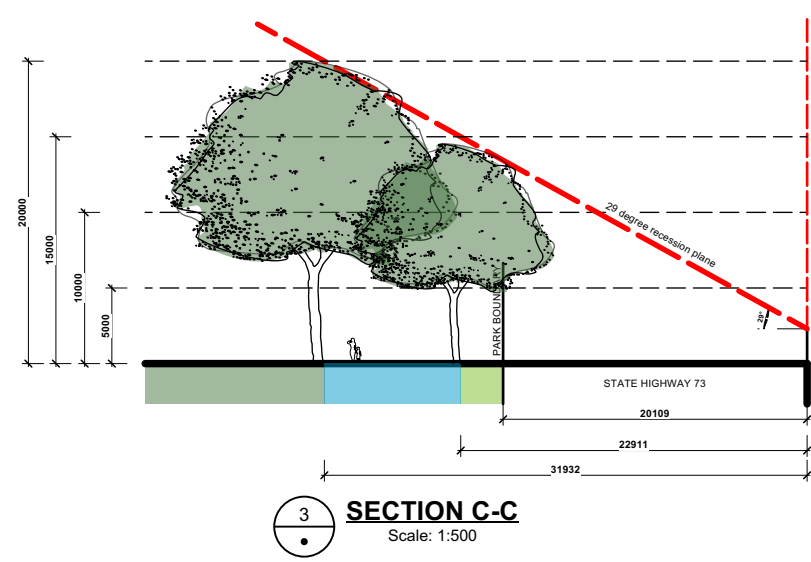
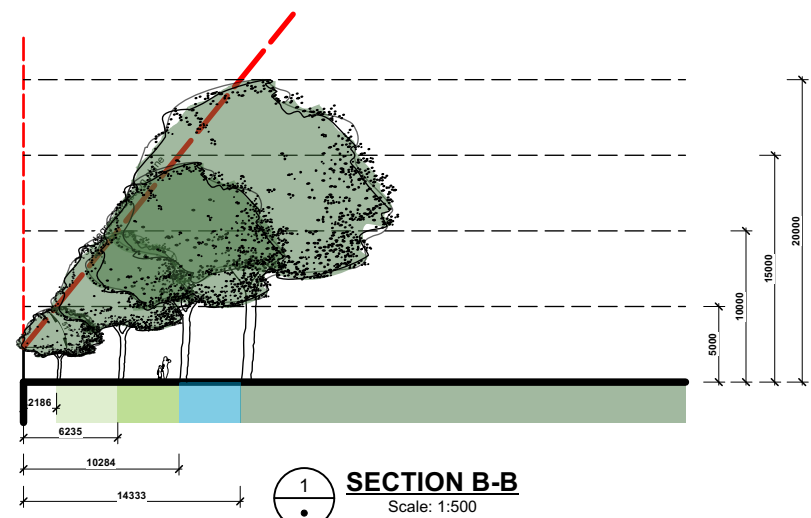
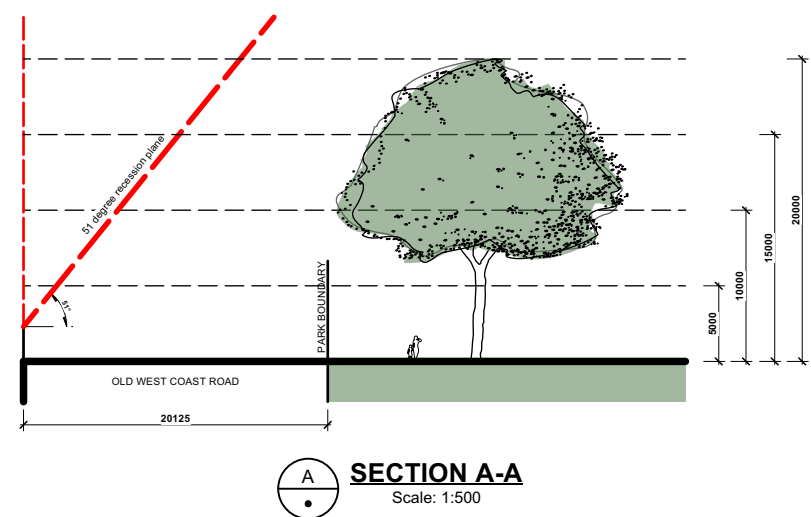
ISSUE. 14/02/25

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Project Ref.

L02
File Ref.



INDICATIVE CROSS SECTIONS THROUGH THE BOUNDARIES



- KEY**
- Potential Tree Planting Areas**
- 5m - 10m Trees Height Zone
 - 10m - 15m Trees Height Zone
 - 15m - 20m Trees Height Zone
 - 20+m Trees Height Zone
- Existing Features**
- Existing Tree/ Vegetation
 - Existing Naturalised Water Race
 - Site Boundary



KEY

--- Site Boundary

Refer to Tree Planting Guidelines on Sheet L32



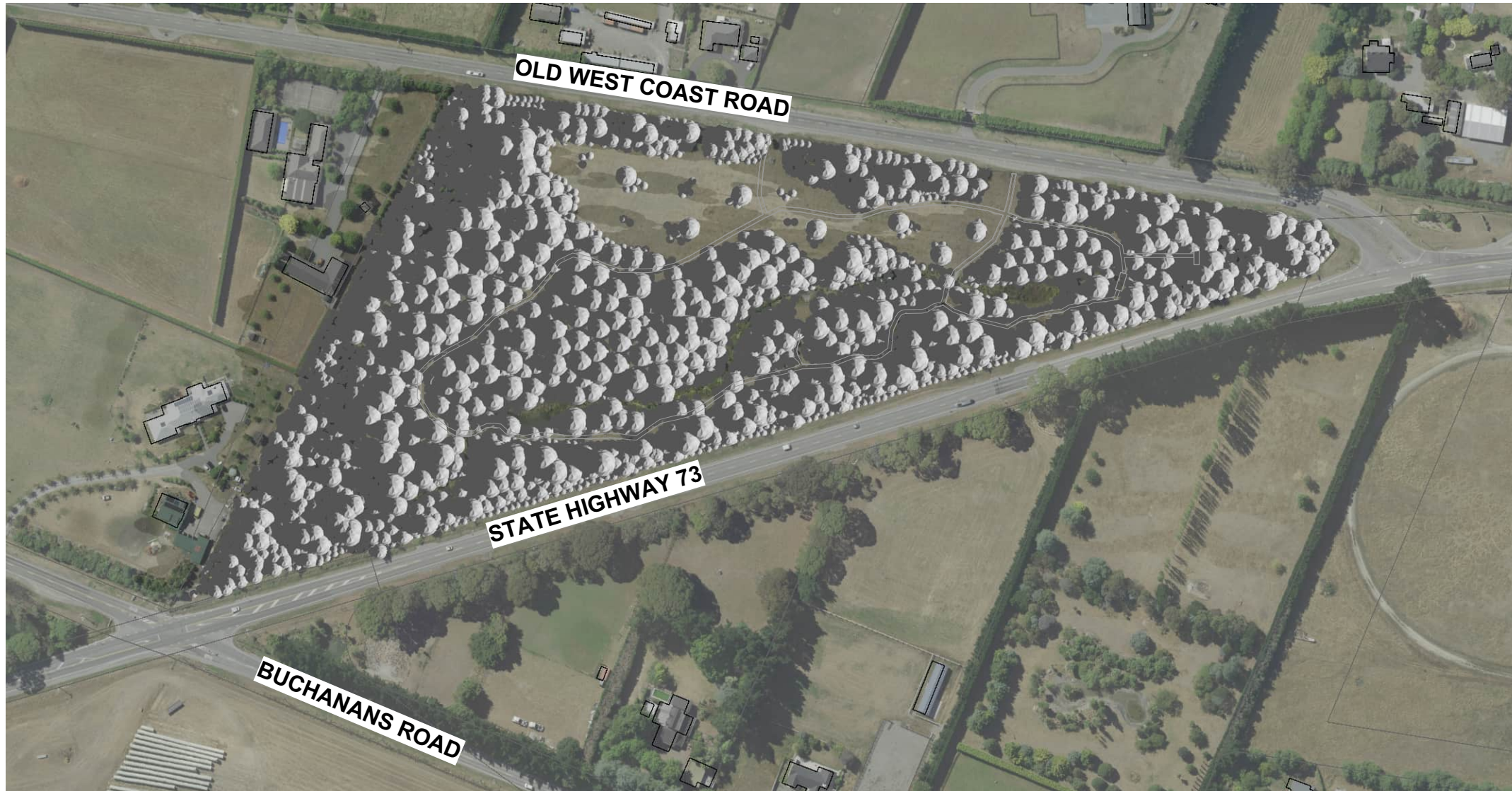
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KEY

--- Site Boundary

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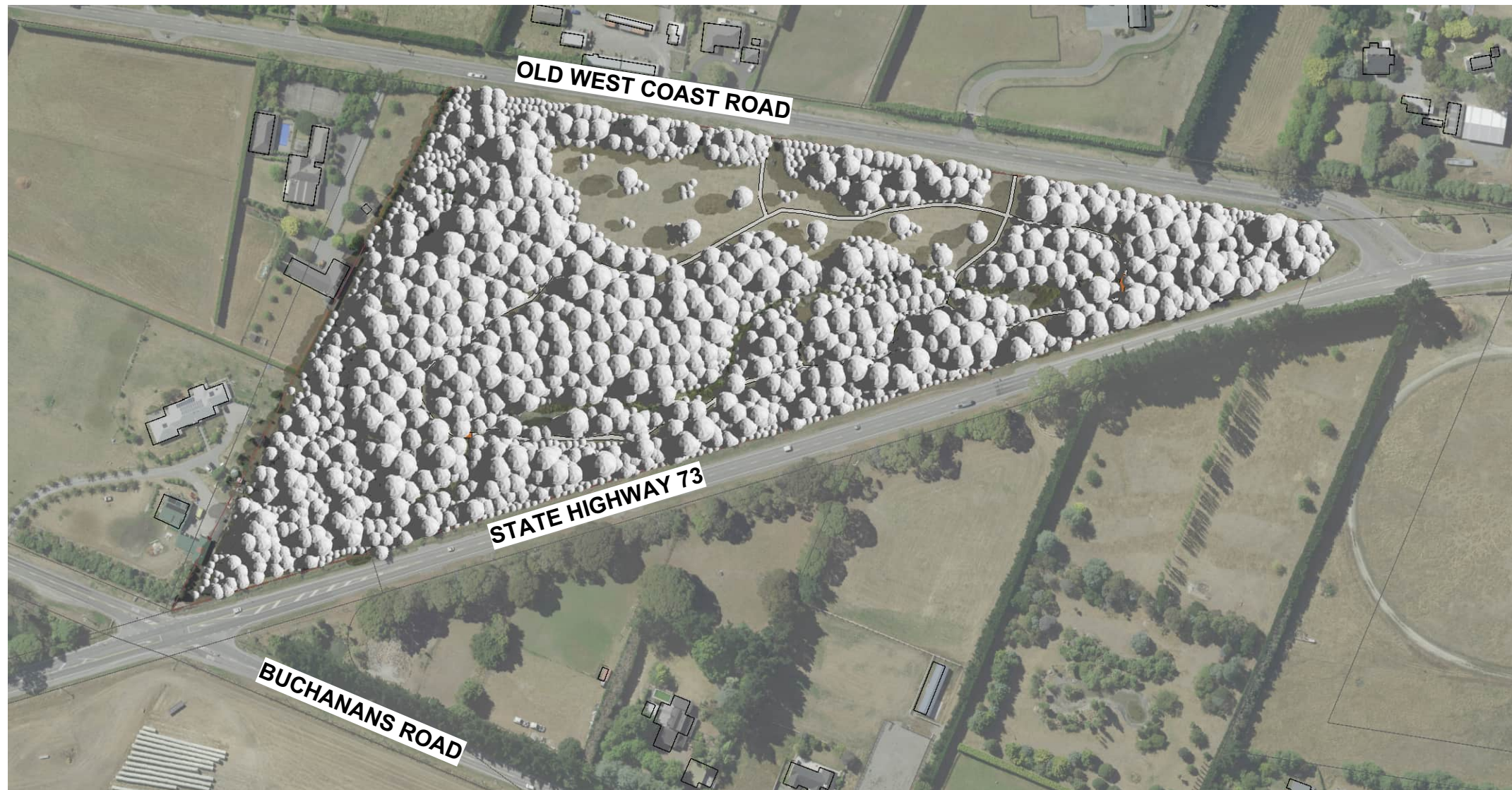
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YALDHURST BUSH

URBAN FOREST PLAN

SHADE STUDY - PROPOSED - SUMMER SOLSTICE 10am

SCALE 1:2500

Original Plan Size: A3

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UFP016
Project Ref.

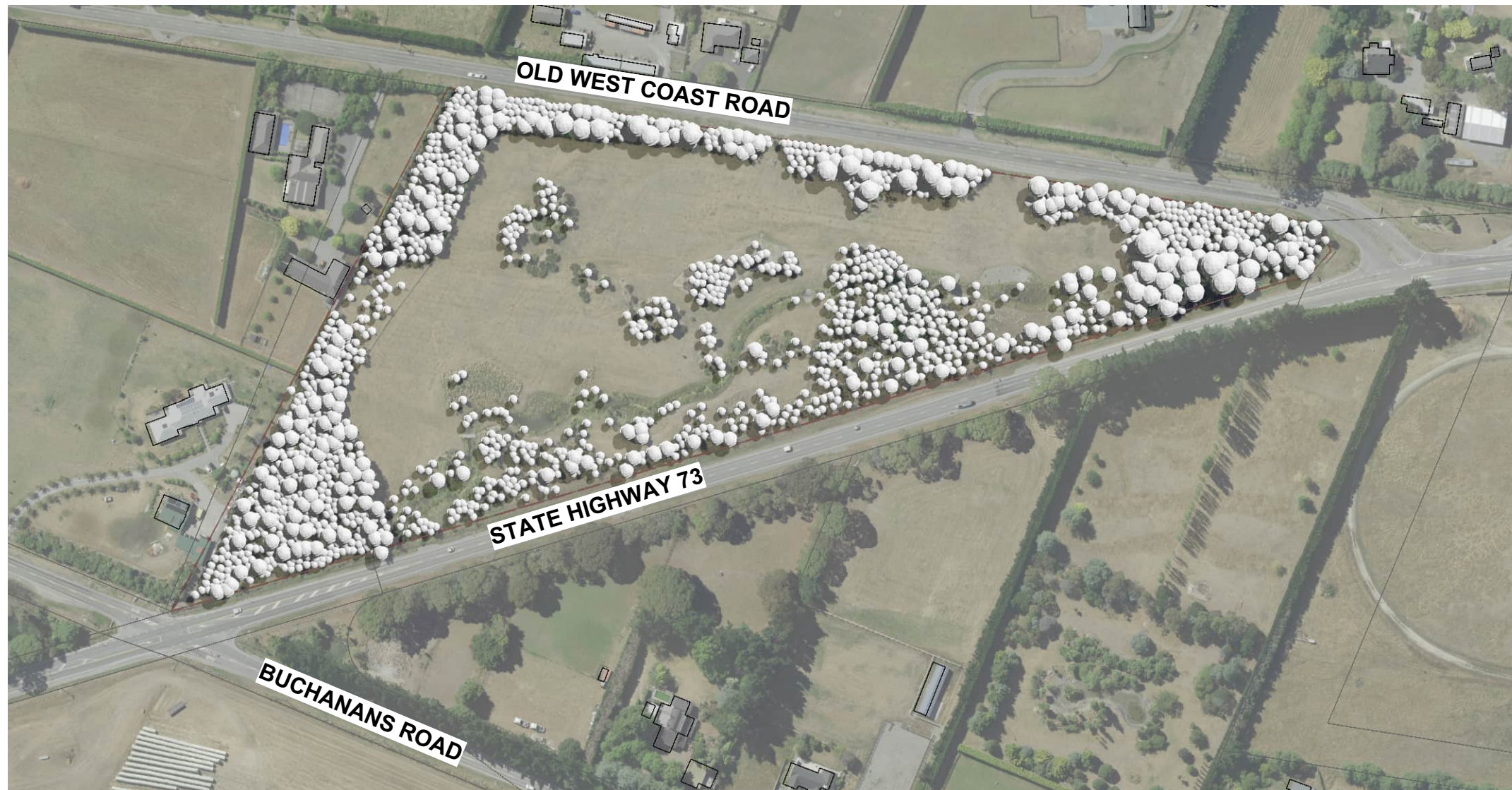
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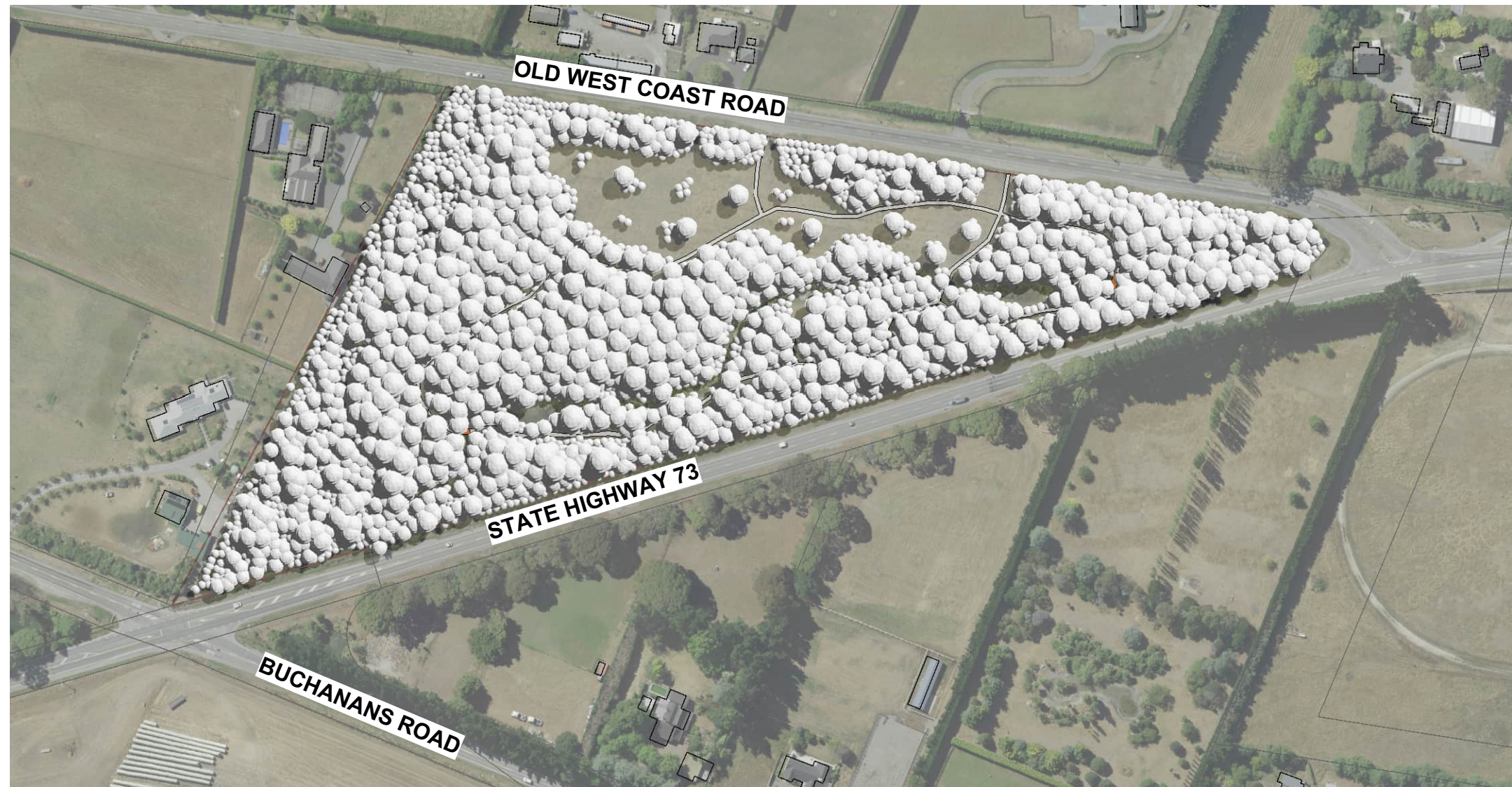




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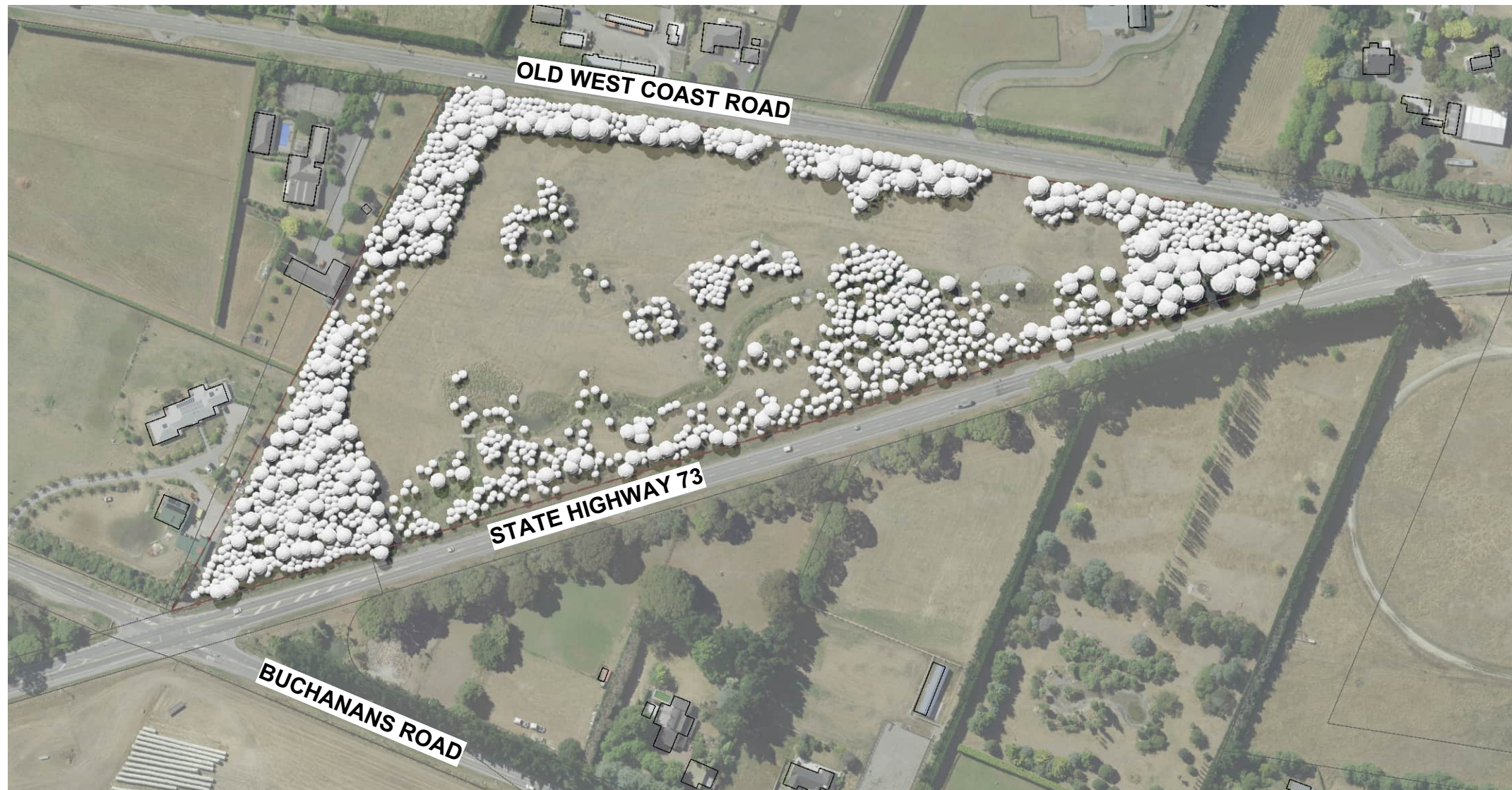
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YALDHURST BUSH

URBAN FOREST PLAN

SHADE STUDY - EXISTING - SUMMER SOLSTICE 2pm

SCALE 1:2500

Original Plan Size: A3

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UFP016

Project Ref.

L10

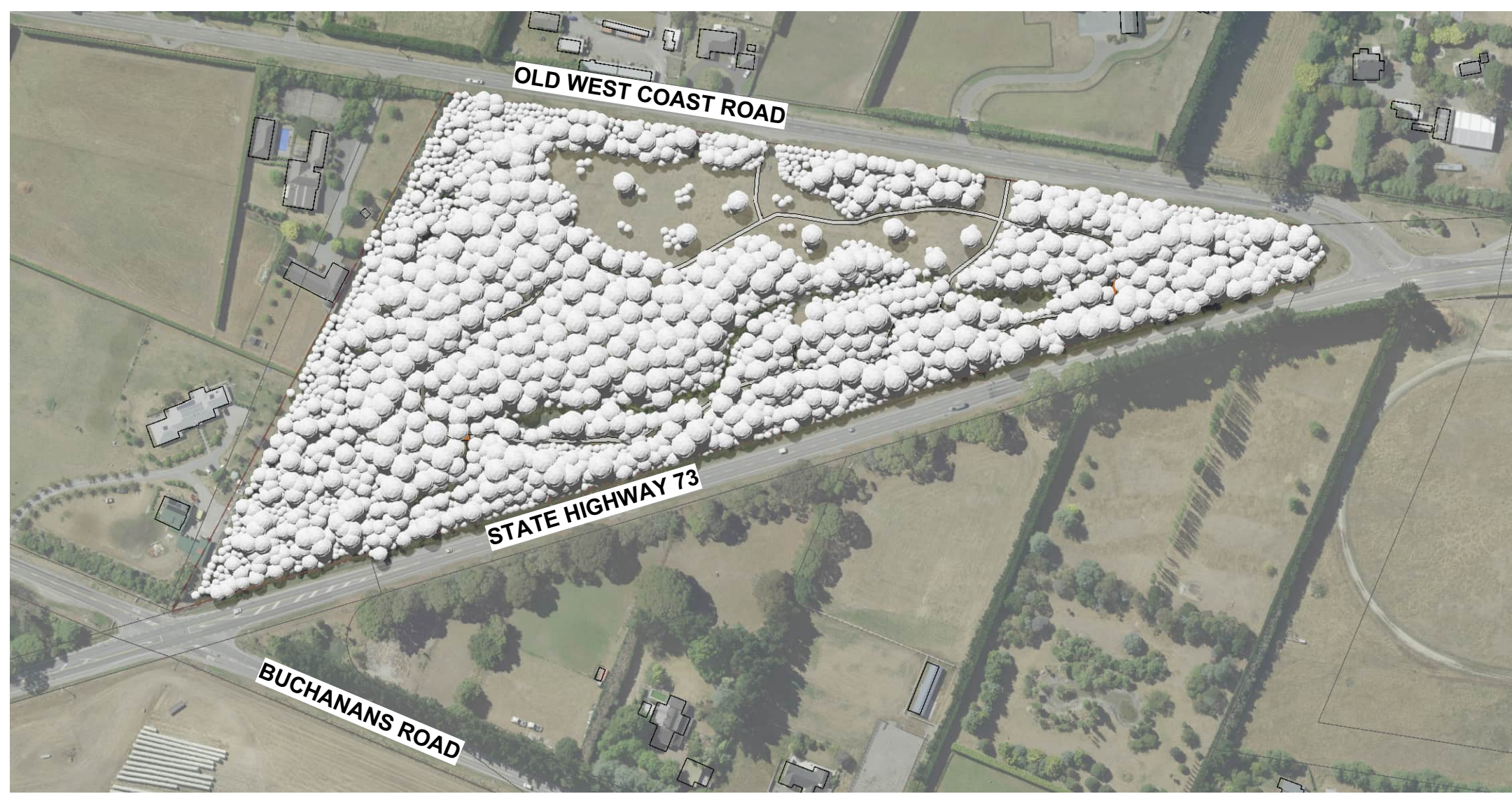
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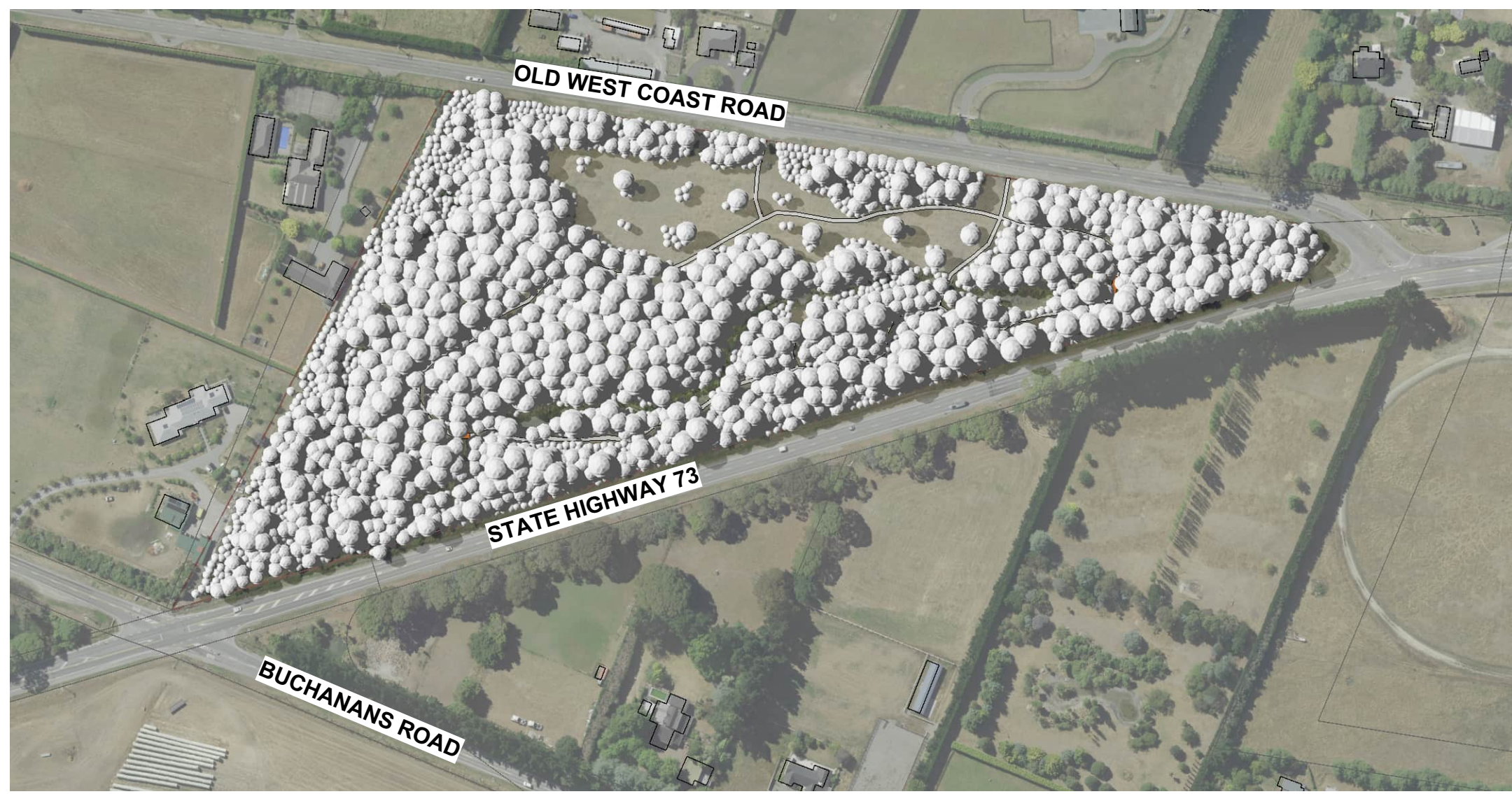
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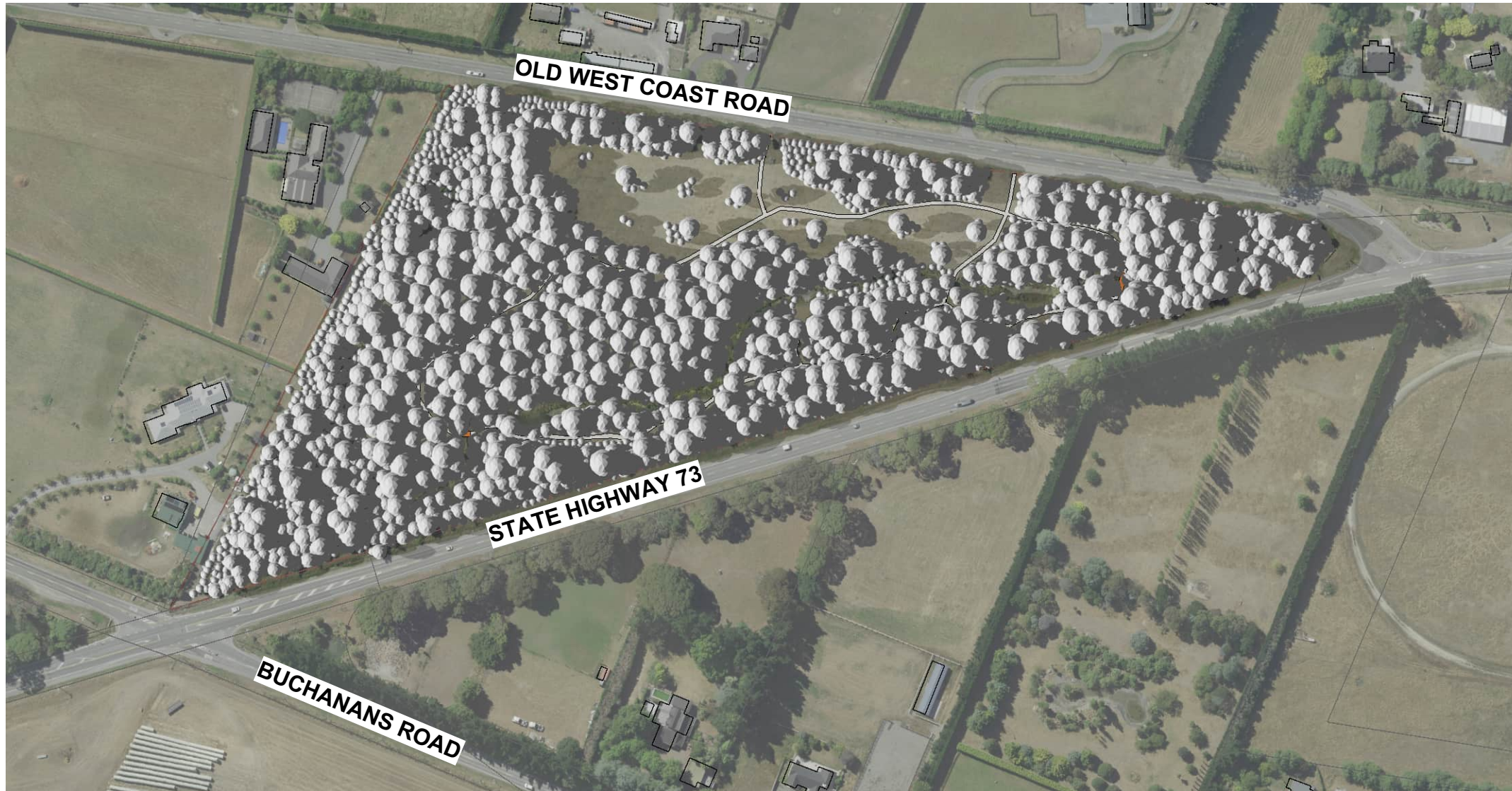
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YALDHURST BUSH

URBAN FOREST PLAN

SHADE STUDY - EXISTING - WINTER SOLSTICE 8am

SCALE 1:2500

Original Plan Size: A3

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UFP016
Project Ref.

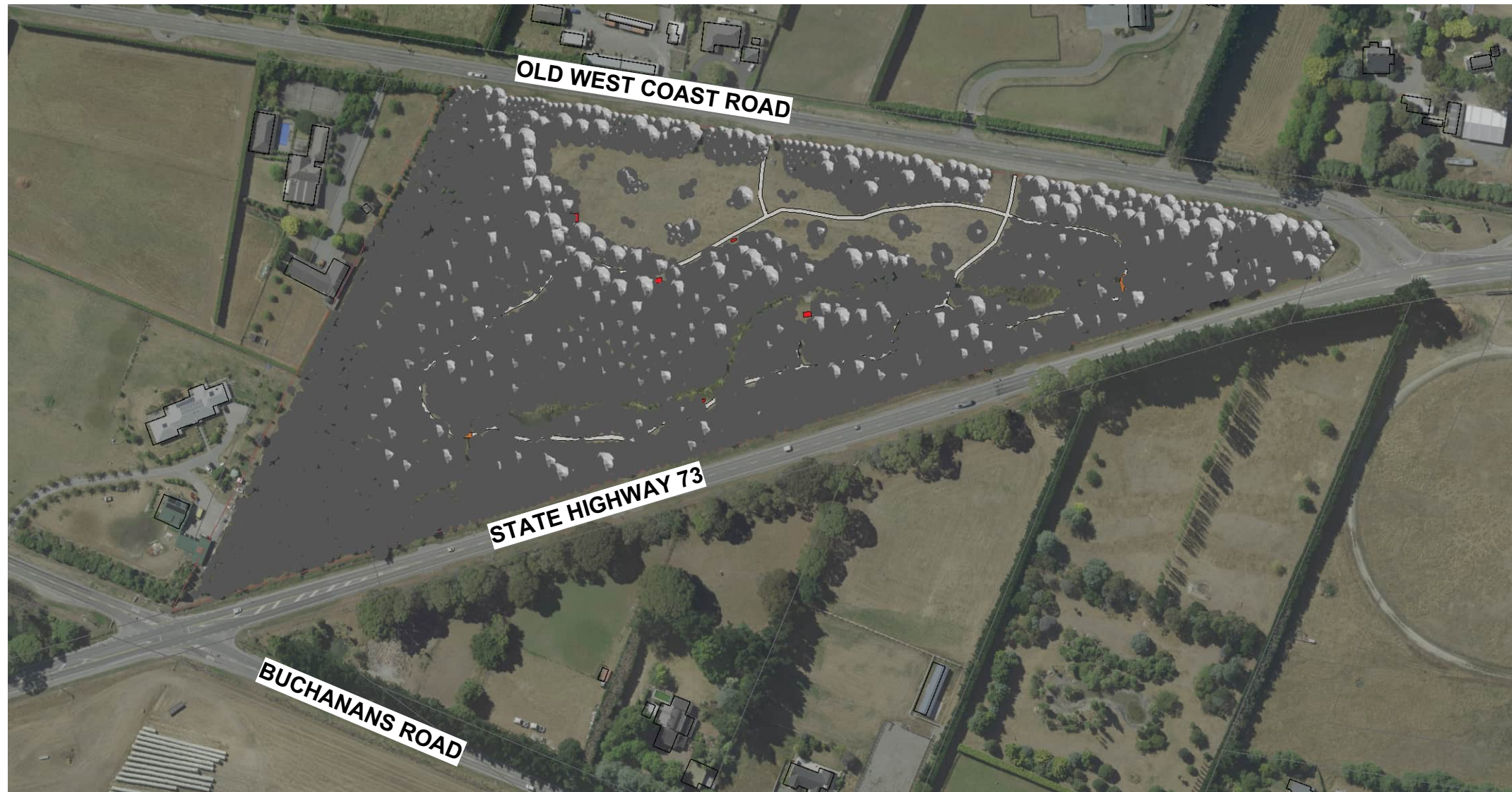
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YALDHURST BUSH

URBAN FOREST PLAN

SHADE STUDY - PROPOSED - WINTER SOLSTICE 8am

SCALE 1:2500

Original Plan Size: A3

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UFP016

Project Ref.

L17

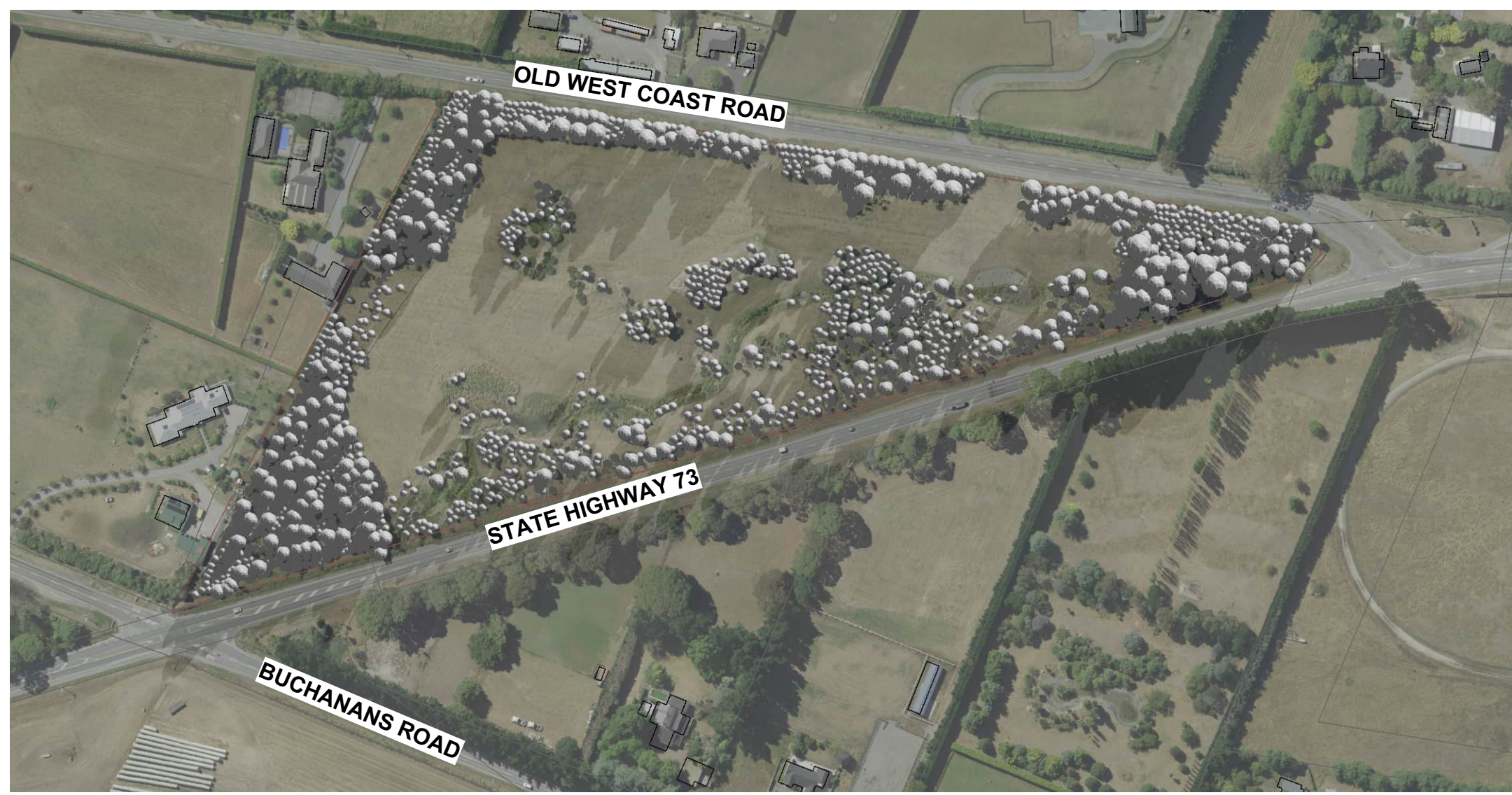
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Refer to Tree Planting Guidelines on Sheet L32



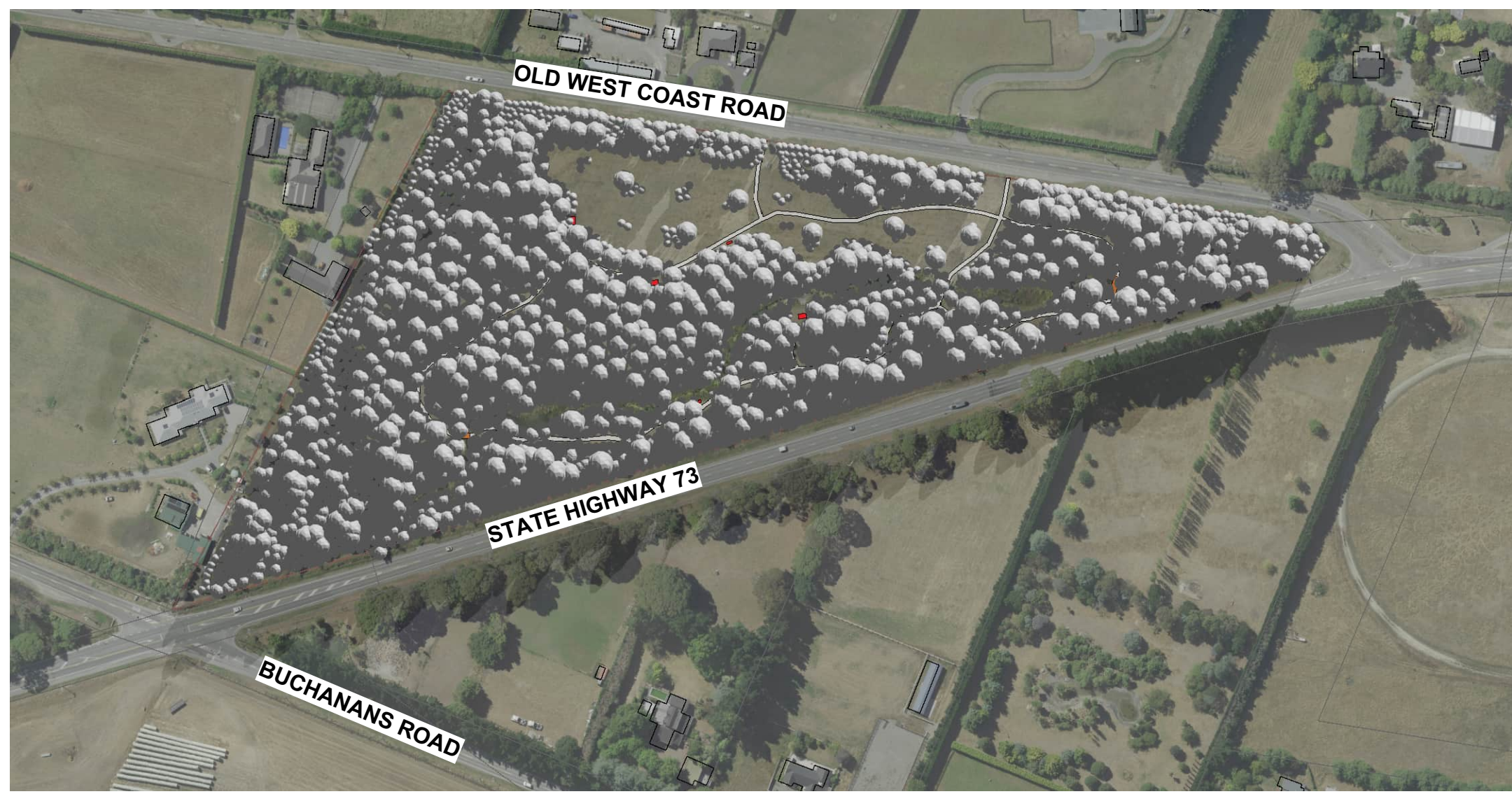
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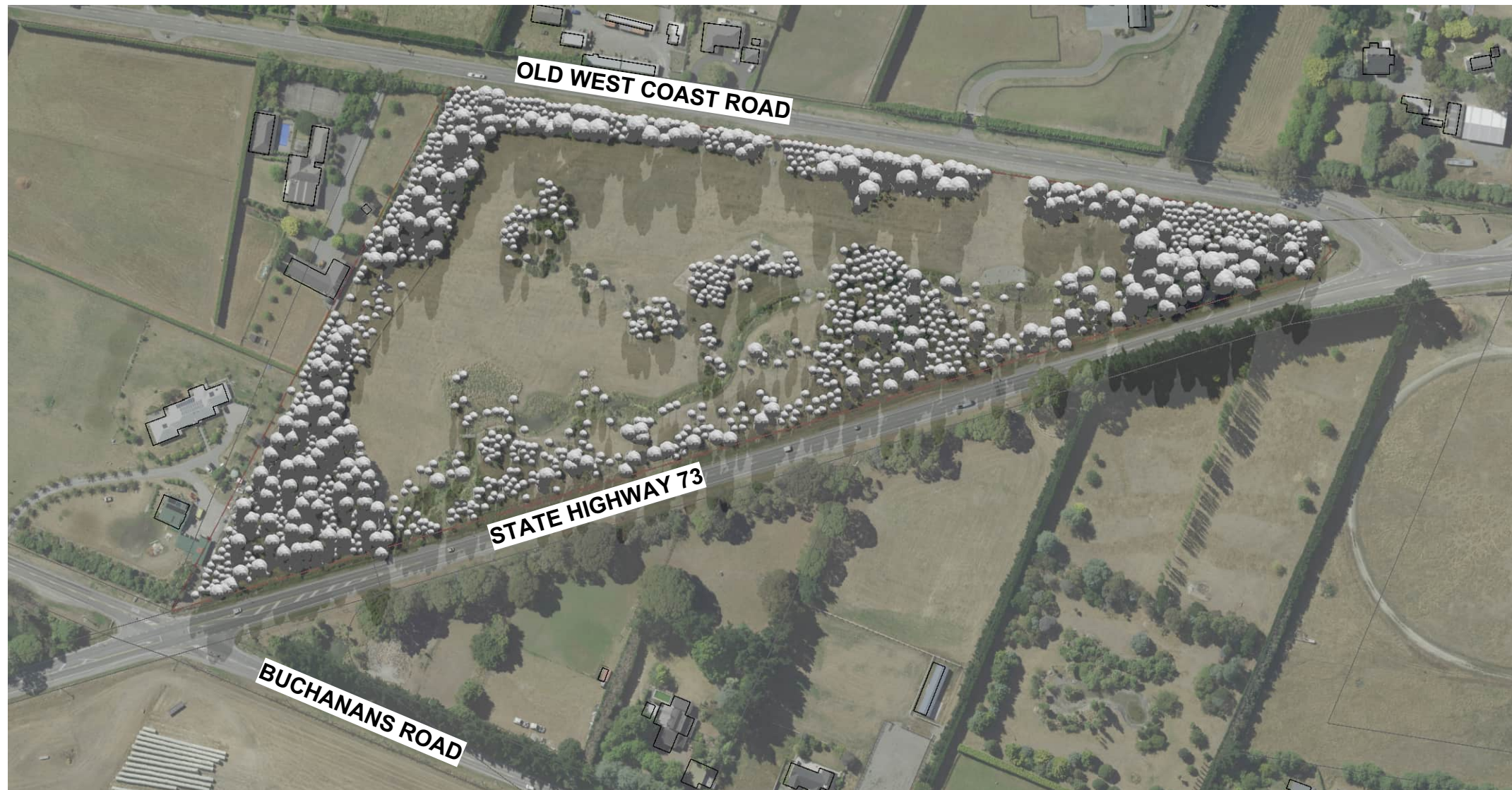
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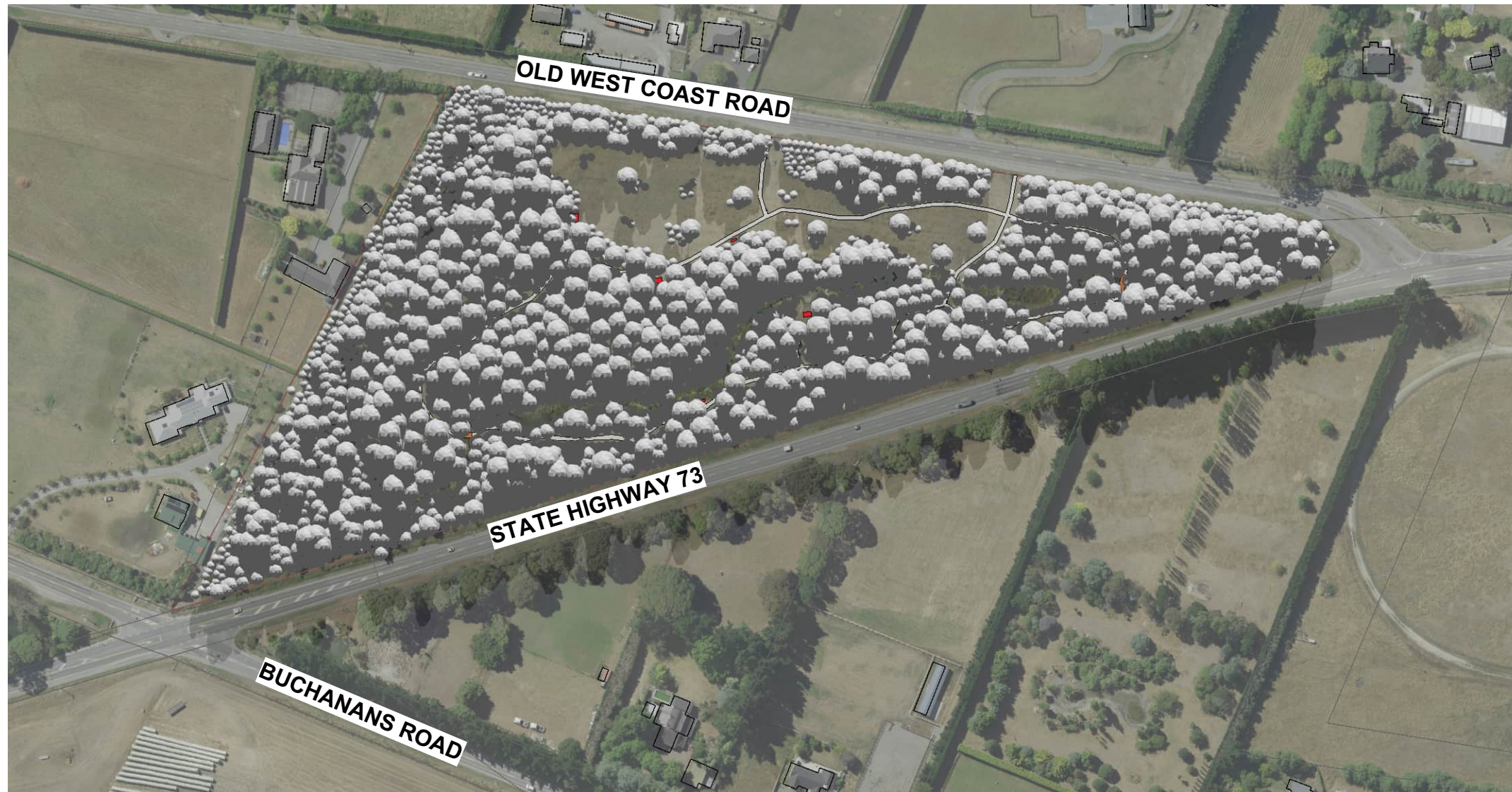




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YALDHURST BUSH

URBAN FOREST PLAN

SHADE STUDY - PROPOSED - WINTER SOLSTICE 12pm

SCALE 1:2500

Original Plan Size: A3

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UFP016
Project Ref.

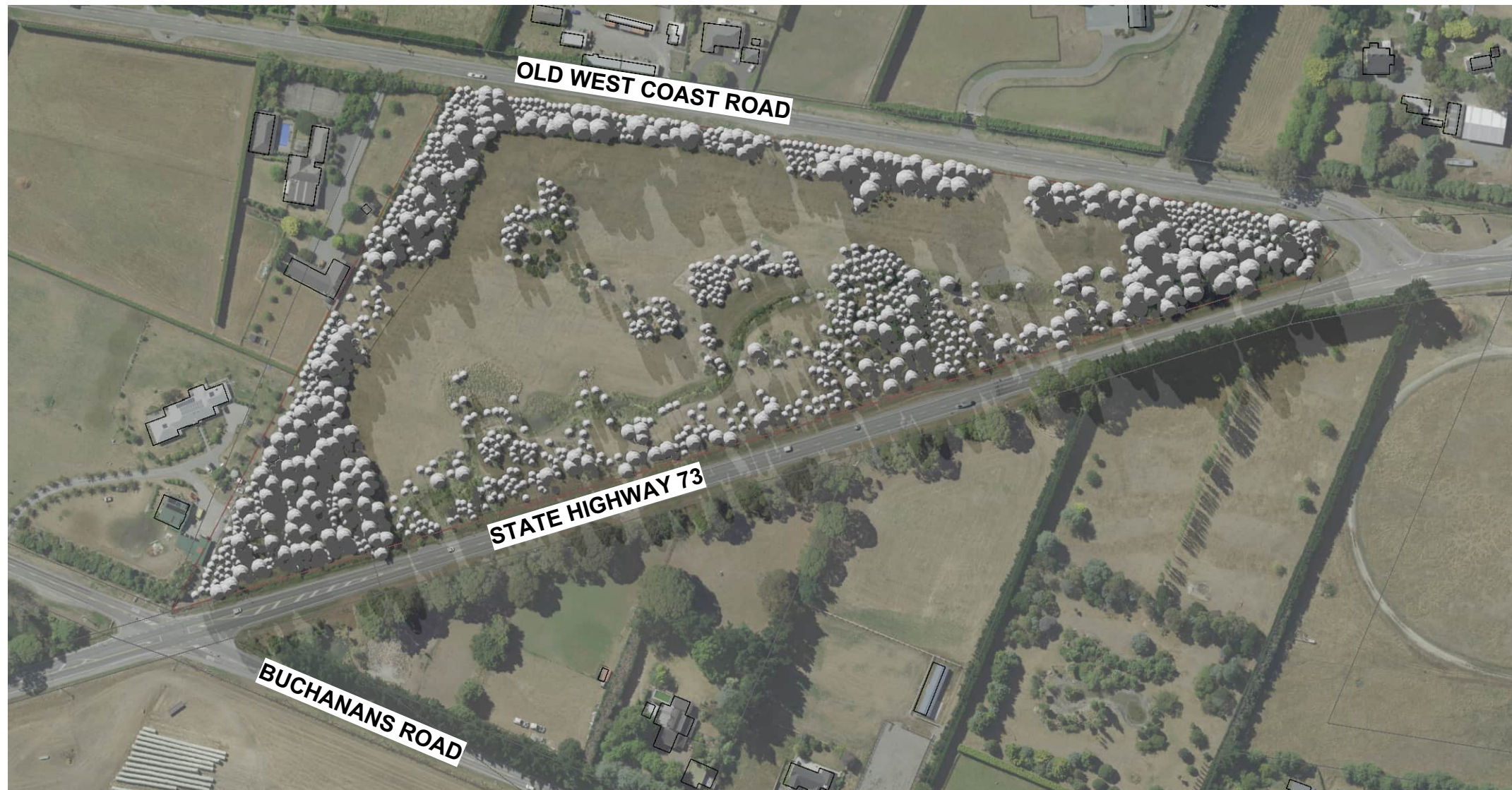
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--- Site Boundary

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YALDHURST BUSH

URBAN FOREST PLAN

SHADE STUDY - EXISTING - WINTER SOLSTICE 2pm

SCALE 1:2500

Original Plan Size: A3

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UFP016
Project Ref.

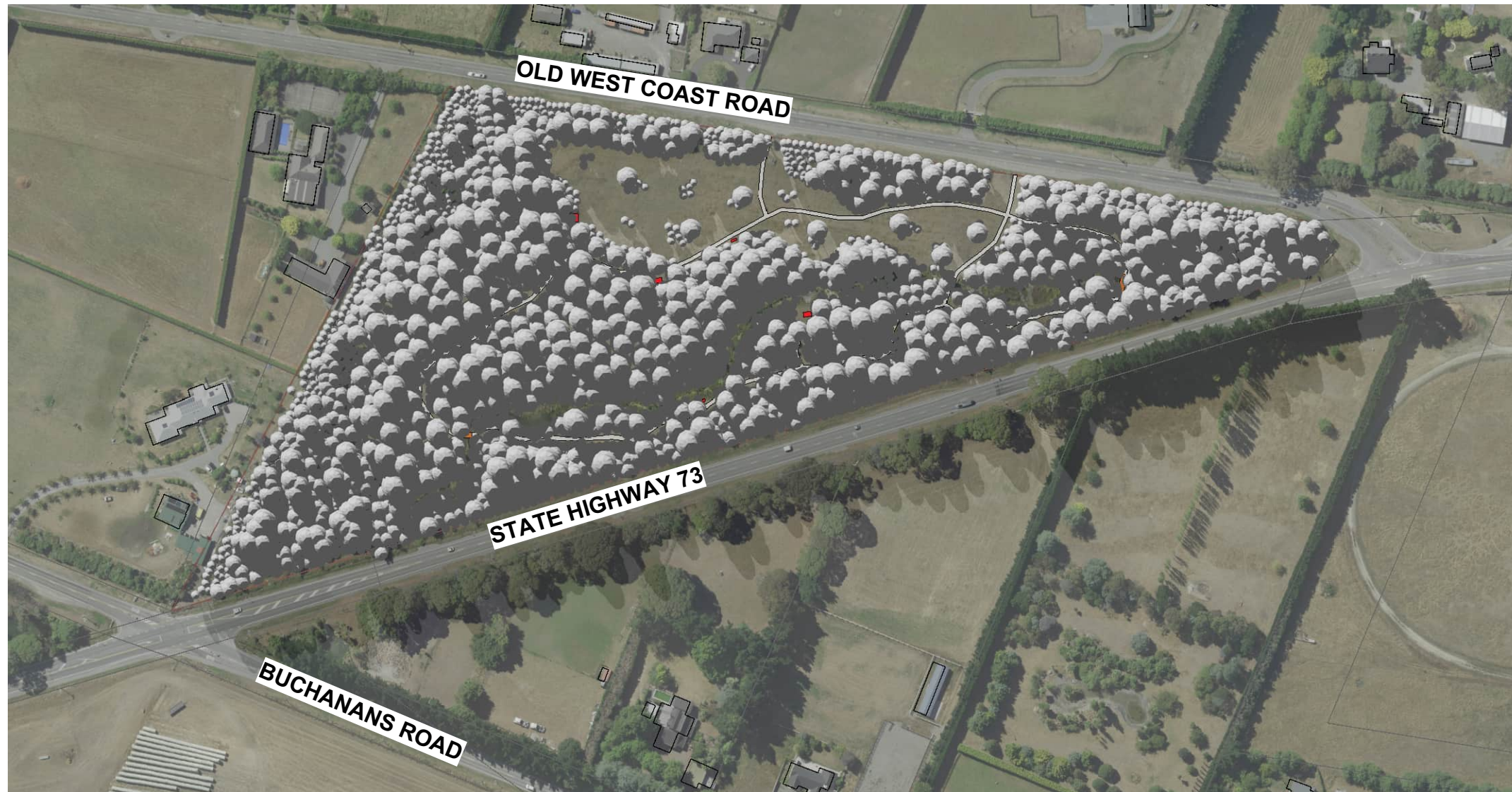
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YALDHURST BUSH

URBAN FOREST PLAN

SHADE STUDY - PROPOSED - WINTER SOLSTICE 2pm

SCALE 1:2500

Original Plan Size: A3

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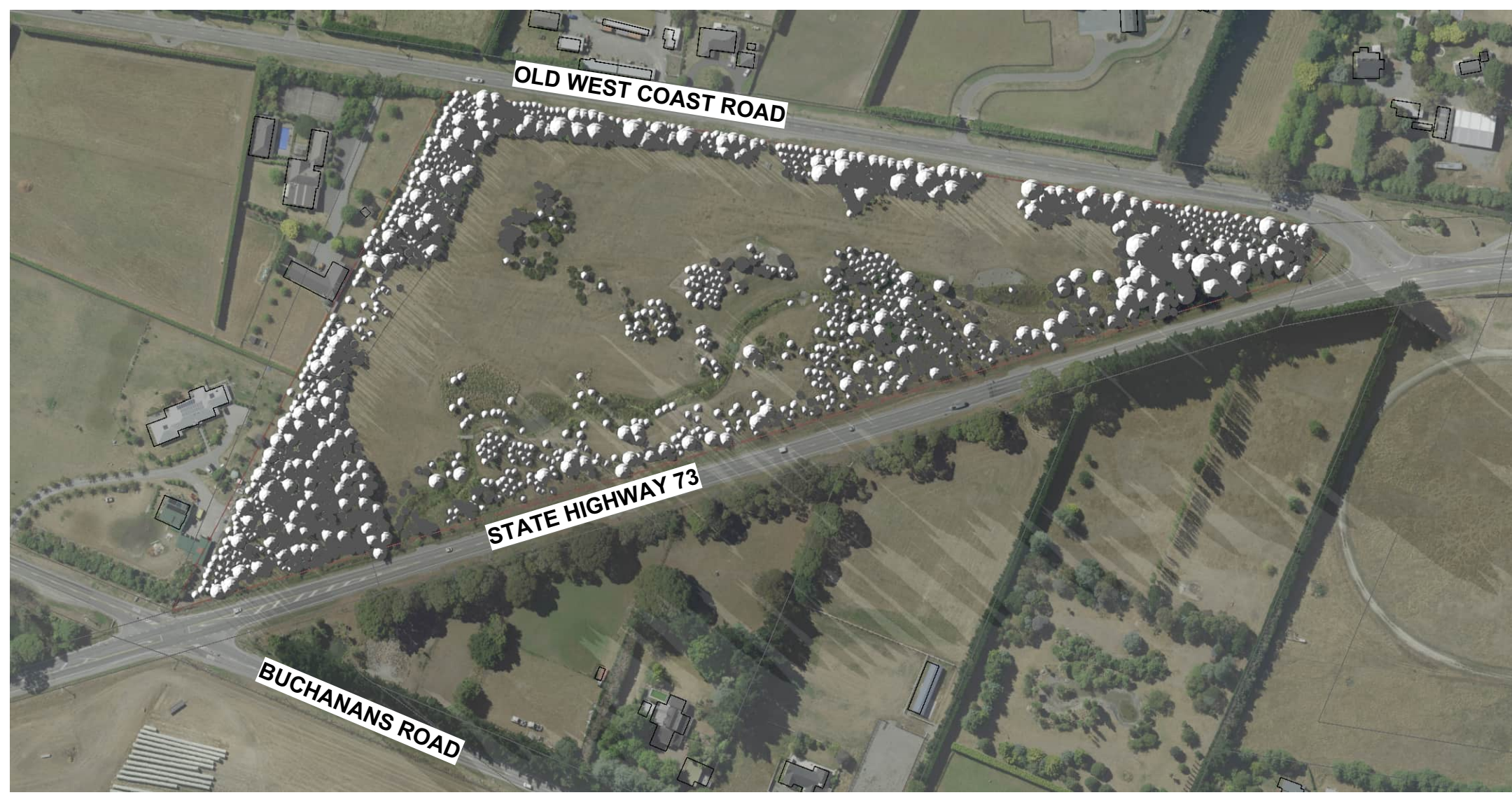
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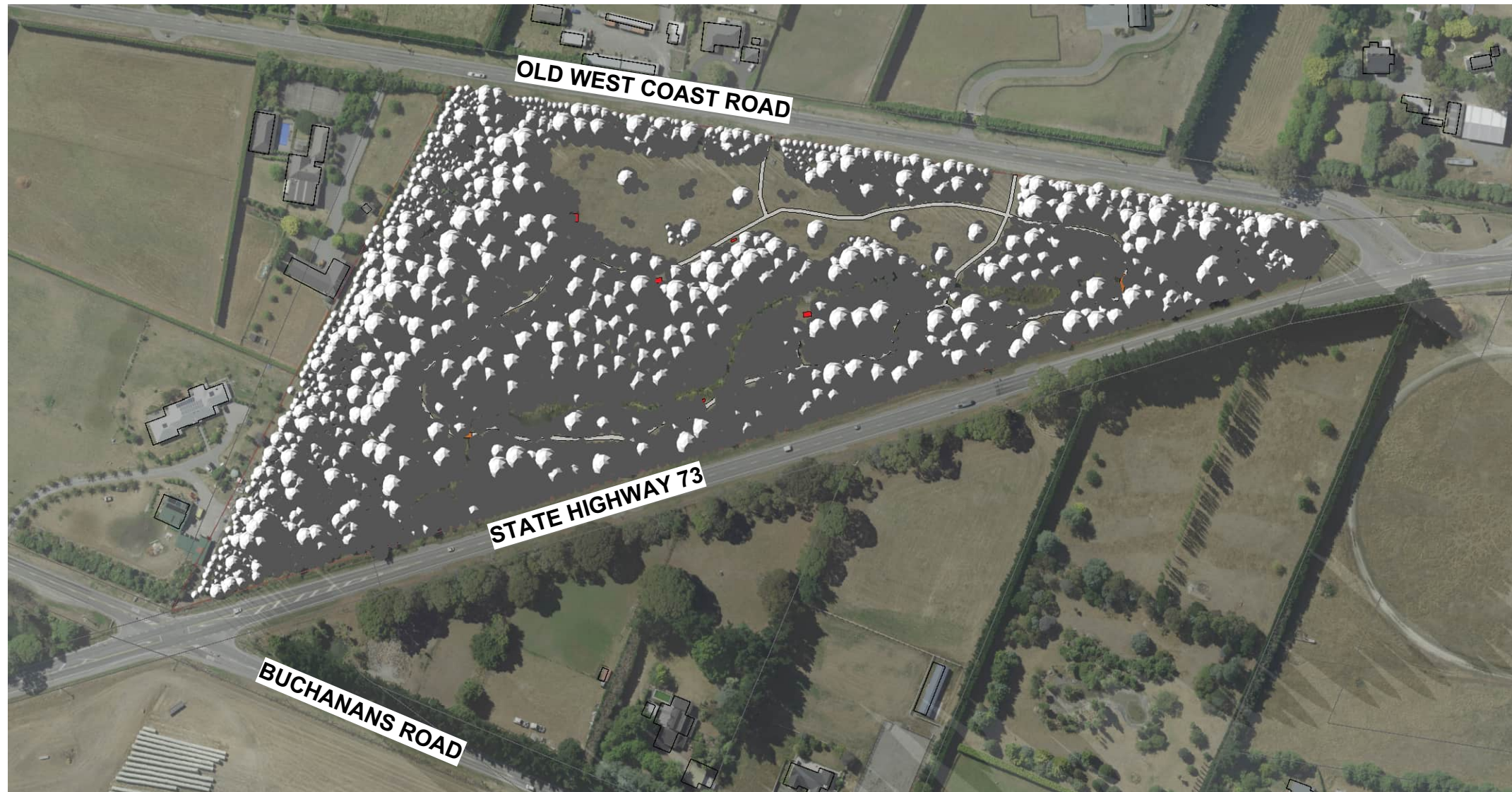
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YALDHURST BUSH

URBAN FOREST PLAN

SHADE STUDY - PROPOSED - WINTER SOLSTICE 4pm

SCALE 1:2500

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L25

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--- Site Boundary

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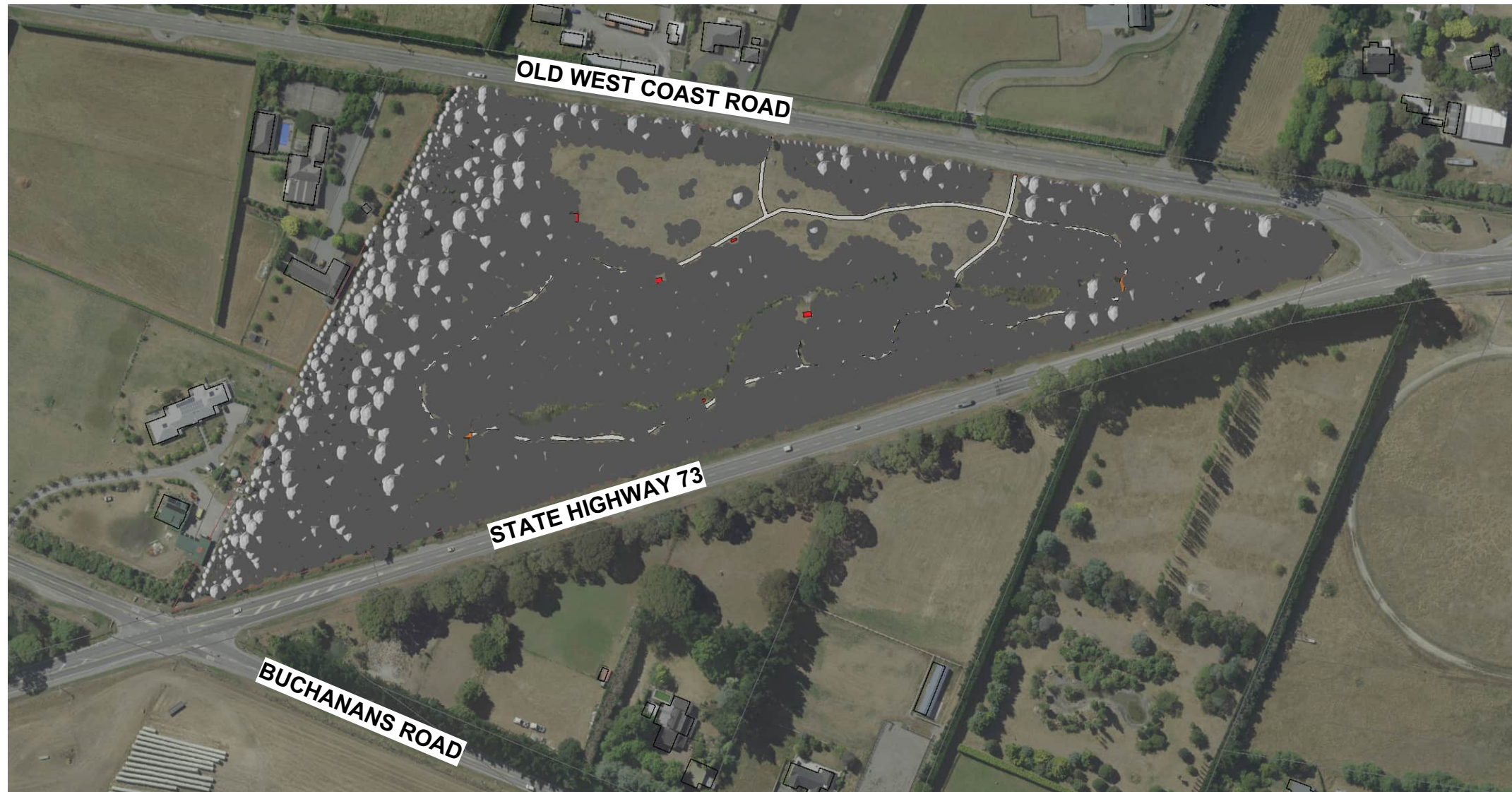
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YALDHURST BUSH

URBAN FOREST PLAN

SHADE STUDY - PROPOSED - WINTER SOLSTICE 6pm

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L27

File Ref.



KEY

- Site Boundary
- Refer to Tree Planting Guidelines on Sheet L32

Potential Tree Planting Areas

- 5m - 10m Trees Height Zone
- 10m - 15m Trees Height Zone
- 15m - 20m Trees Height Zone
- 20+m Trees Height Zone
- Native Forest/ Tussock-Dry Shrubland Revegetation Planting
- Native Forest/ Tussock-Dry Shrubland Revegetation Planting

KEY

- Existing Features**
- Existing Tree/ Vegetation
 - Existing Naturalised Water Race
 - Site Boundary

PARK CANOPY COVER SUMMARY:

Existing site land area	60,091m ²
Existing number of trees	25,600m ² Native vegetation cover
Existing site canopy cover	approx. 42%
Proposed area of new native forest	27,600m ² New native forest cover
Proposed area of new tussockland/shrubland	5,900m ²
Proposed net canopy cover (existing vegetation and proposed)	approx. 89%

PLANT SCHEDULE:

ID	QUANTITY	TREE CATEGORY	TREE HEIGHT
Native Revegetation Planting	53,200m ²	Native Forest Revegetation Planting	Mixed (including understorey planting)

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KEY

--- Site Boundary

Refer to Tree Planting Guidelines on Sheet L32

Existing Features

Existing Tree/ Vegetation

Existing Naturalised Water Race

--- Site Boundary

Proposed forest revegetation types

- Zone 1: Native Buffer Planting - to enclose existing dense boundary planting
- Zone 2: Infill Native Woodland - to existing open mixed native planting
- Zone 3: Native Woodland/Wetland - Willow eradication and native riparian planting
- Zone 4: New Native Woodland - dominated by Houhere-Kanuka-Kowhai
- Zone 5: Open Tussock Grassland - scattered shrubland and rocks for lizard habitat
- Zone 6: Native Riparian Restoration Planting - shade, woody debris

PARK CANOPY COVER SUMMARY:

Existing site land area	60,091m ²
Existing number of trees	25,600m ² Native vegetation cover
Existing site canopy cover	approx. 42%
Proposed area of new native forest	27,600m ² New native forest cover
Proposed area of new tussockland/shrubland	5,900m ²
Proposed net canopy cover (existing vegetation and proposed)	approx. 89%

PLANT SCHEDULE:

ID	QUANTITY	TREE CATEGORY	TREE HEIGHT
Total Native Revegetation Planting	53,200m ²	Native Forest Revegetation Planting	Mixed (including understorey, tussockland, shrubland and riparian planting)
Zone 1: Native Buffer Planting	13,215 m ²	Native Forest Revegetation Planting	Mixed (including understorey planting)
Zone 2: Infill Native Woodland Planting	18,250 m ²	Native Forest Revegetation Planting	Mixed (including understorey planting)
Zone 3: Native Woodland/Wetland	4130 m ²	Native Forest Revegetation Planting	Mixed (including understorey planting)
Zone 4: New Native Woodland Planting	11,640 m ²	Native Forest Revegetation Planting	Mixed (including understorey planting)
Zone 5: Open Tussock Planting	5900 m ²	Native Forest Revegetation Planting	Mixed (including groundcover planting)
Zone 6: Native Riparian Restoration Planting	5380 m ²	Native Forest Revegetation Planting	Mixed (including shade/stream planting)



KEY

--- Site Boundary

Refer to Tree Planting Guidelines on Sheet L32



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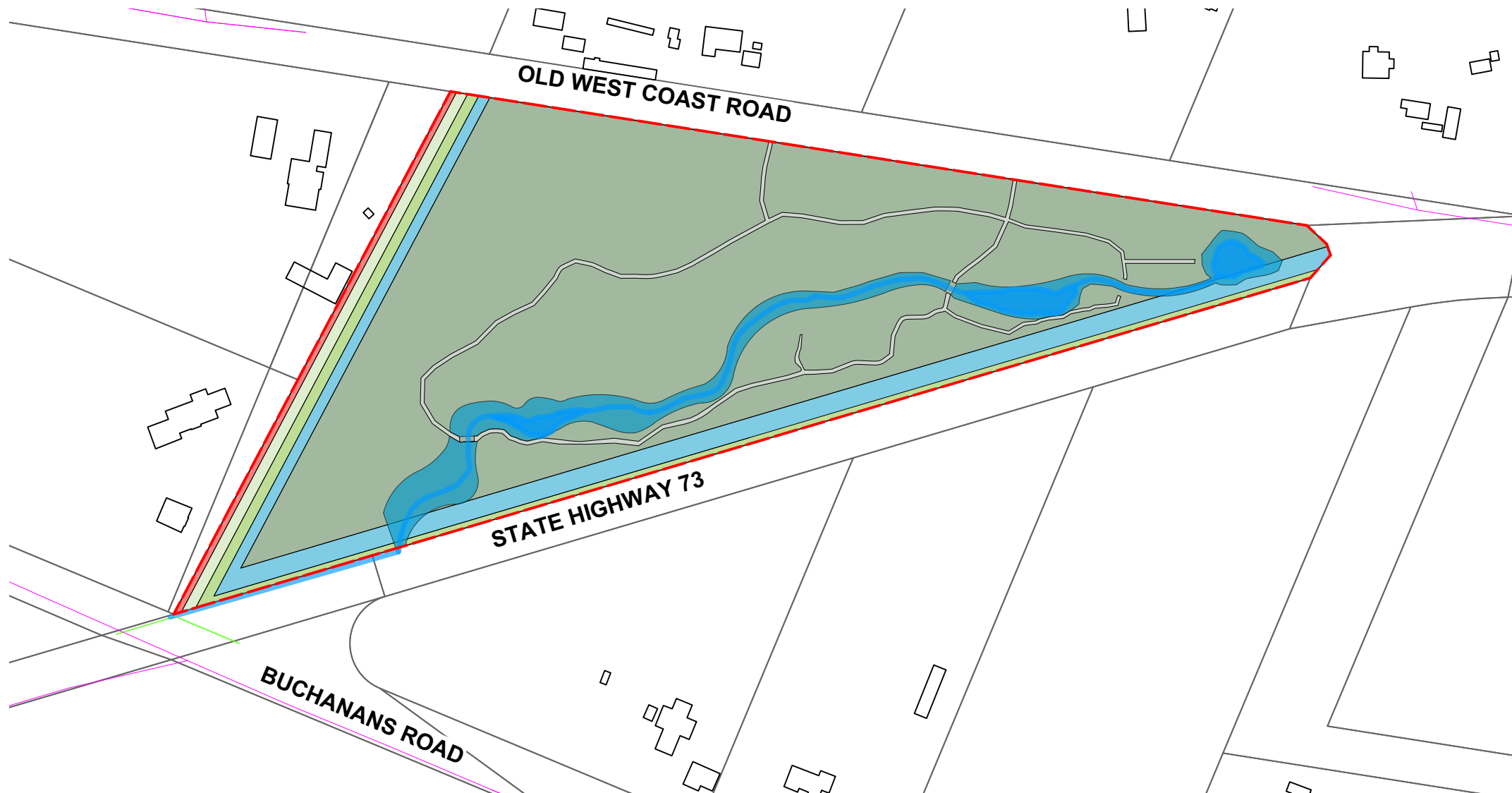
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KEY Services	
	Stormwater
	Sewer
	Water
	Enable Fibre

KEY Potential Tree Planting Areas	
	5m - 10m Trees Height Zone
	10m - 15m Trees Height Zone
	15m - 20m Trees Height Zone
	20+m Trees Height Zone

Guideline Summary

- Tree planting to Special Character Parks will continue the established theme.
- Trees will be positioned appropriately to allow for debris management.
- Tree species shall be well suited to the local conditions.
- Planting along waterways will be predominantly native species.
- CCC will aim for 40-60% of new tree plantings as natives.

Tree Setbacks & Spacings

- No tree shall intrude through the recession plane at maturity.
- No tree shall be planted closer than 3.0m from a pathway.
- No tree shall be planted closer than 4.0m from a property boundary.
- 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 power.
- Min. of 1m offset for all other services and hard paving not mentioned above.