

Summerset Prebbleton

LANDSCAPE AND VISUAL AMENITY GRAPHIC SUPPLEMENT

24 September 2020



Document Quality Assurance

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Cover photograph: View of the Meadow Mushrooms Factory and the Port Hills, © BML, 2020

Contents photograph: View of House 39 overlooking the Site, © BML, 2020



Contents

Figure 1: Site Location	1
Figure 2: Site Appraisal Plan	2
Figure 3: Visual Appraisal Plan	3
Figure 4: Summerset Sections	4
Site Appraisal Photographs	5
Site Context Photographs	8
Visual Simulation Methodology	11
Figure 5: Visual Simulation Location Plan	12
Visual Simulation 1	13
Visual Simulation 2	15



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LEGEND

 Site Boundary

SUMMERSET PREBBELTON

Figure1: Site Location

Date: 24 September 2020 | Revision: 0

Plan prepared for Summerset Group Holdings Limited by Boffa Miskell Limited
Project Manager: James.Bentley@boffamiskell.co.nz | Drawn: HWi | Checked: JBe



Inventory of Buildings and Areas within the Site	
1	South-west paddocks
2	Casting Sheds/Pad
3	Peak Heat Rooms
4	Production line/filling building
5	Carpark
6	Tray Repairs building
7	Old growing rooms, office & pack shed
8	Spawn Runners (x8) building
9	Settlement Pond
10	Settlement Pond Overflow
11	North-east paddock

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Data Sources:
LINZ Data Service

Projection: NZGD 2000 New Zealand Transverse Mercator



1:2,000 @ A3

LEGEND

-  Site Boundary
-  Site Appraisal Photograph Locations
-  Entranceways into the Site

SUMMERSET PREBBELTON

Figure 2: Site Appraisal Plan

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LEGEND

- Site Boundary
- House Locations
 - Single Storey
 - Two Storey



Site Context Photograph Locations

SUMMERSET PREBBELTON
Figure 3: Visual Appraisal Plan

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Site Appraisal Photograph A: View from the western corner of the Site overlooking the existing paddocks and building associated with the Meadow Mushrooms Factory.



Site Appraisal Photograph B: View from the centre of the north-western boundary looking towards the south-western boundary of the Site.



Site Appraisal Photograph C: View from the centre of the north-western boundary overlooking casting sheds/pad associated with the rear of the Meadow Mushrooms Factory.



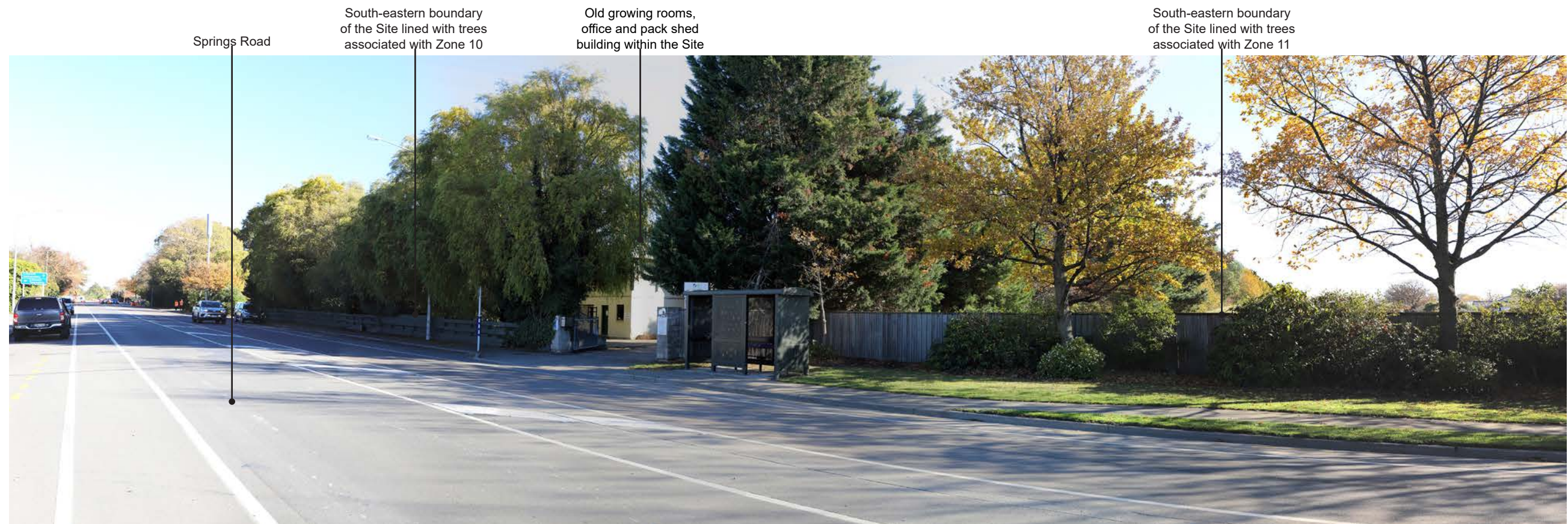
Site Appraisal Photograph D: View from the northern corner of the Site overlooking the narrow paddock running parallel to the north-eastern boundary of the Site.



Site Appraisal Photograph E: View of the existing old growing rooms, office, and pack shed building and carpark from Gate 1 on the south-eastern boundary of the Site.



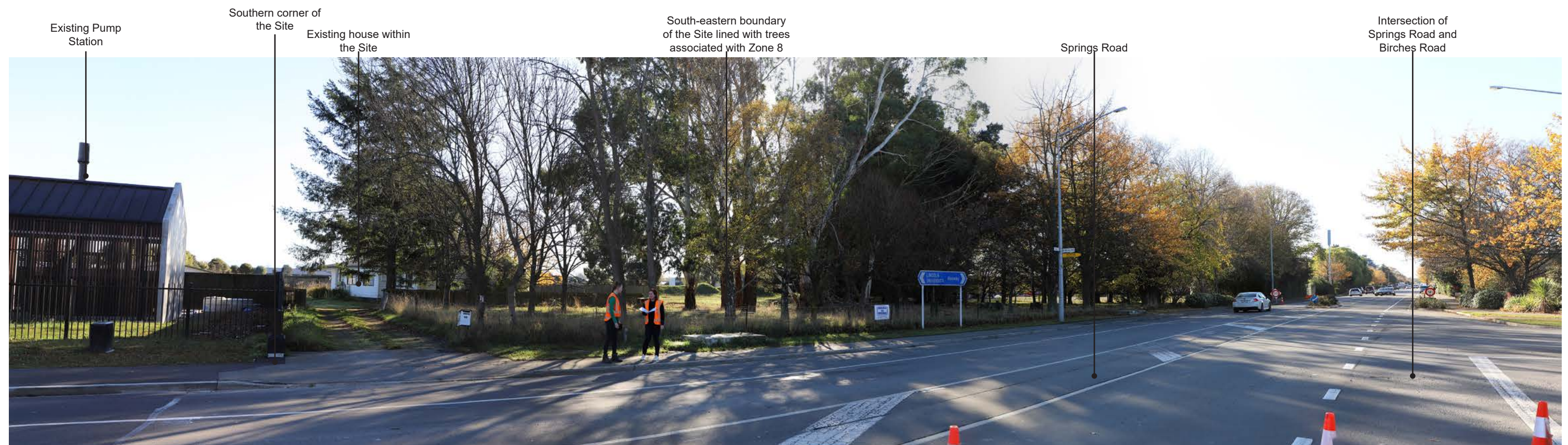
Site Appraisal Photograph F: View from the Meadow Mushrooms carpark looking towards Gate 3 and the south-eastern boundary of the Site.



Site Context Photograph 1: South-western view of Gate 1 and the eastern boundary of the Site from Springs Road, approximately 22 metres from the Site.



Site Context Photograph 2: View looking west towards Gate 3 and the south-eastern boundary from Springs Road, approximately 15 metres from the Site boundary.



Site Context Photograph 3: View of the south-eastern corner of the Site and newly constructed pump shed from the intersection of Springs Road and Birches Road, some 15 metres from the Site boundary.



Site Context Photograph 4: View looking north-east towards the south-western boundary of the Site from Chicory Way, approximately 80 metres from the Site.



Site Context Photograph 5: View of the existing compost shed within the Site and north-western boundary from the intersection of Lindsay Drive and Glenary Drive some 60 metres from the Site boundary.



Site Context Photograph 6: View looking south-east towards the northern corner of the Site from Cairnbrae Drive (outside House 1) some 70 metres from the Site boundary.

VISUAL SIMULATIONS - METHODOLOGY

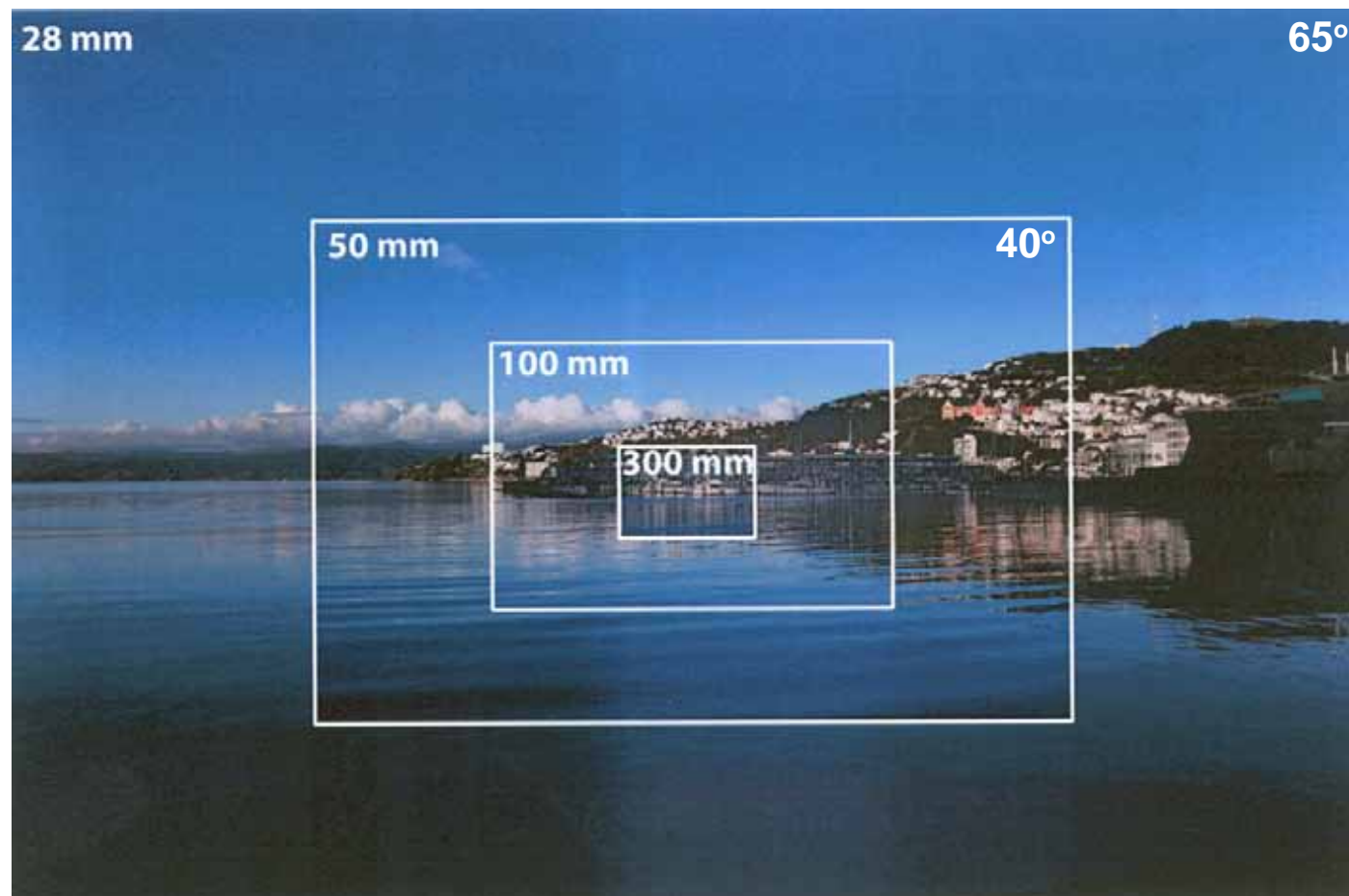
SITE VISIT & PHOTOGRAPHY

Site photographs were taken with a digital SLR camera fitted with a 50mm focal length lens, mounted on a tripod and panoramic head. A series of photos were taken at predetermined viewpoints, situated on public land. The locations of each viewpoint were fixed by field measurements and LIDAR.

NZILA GUIDELINES & PANORAMA PREPARATION

The visualisations have been produced in accordance with the NZILA Best Practice Guidelines for Visual Simulations (BPG 10.2) and also adhere to Boffa Miskell's internal Visualisation Guidelines.

Camera lenses of different focal lengths capture images with differing fields of view. To understand how illusions are created by different lens sizes, one must understand depth of field and how "depth of field" and "field of view" are related. As can be seen below (derived from Fig 9 of the NZILA BPG), a photo taken with a 28mm lens will provide a horizontal field of view of 65° - using a 50mm lens will provide a "cropped" (40°) version of the same view. The same image size can also be achieved by taking multiple 50mm photos in "portrait" mode, and using digital stitching software to merge and crop to 90°, 65° or 40°.

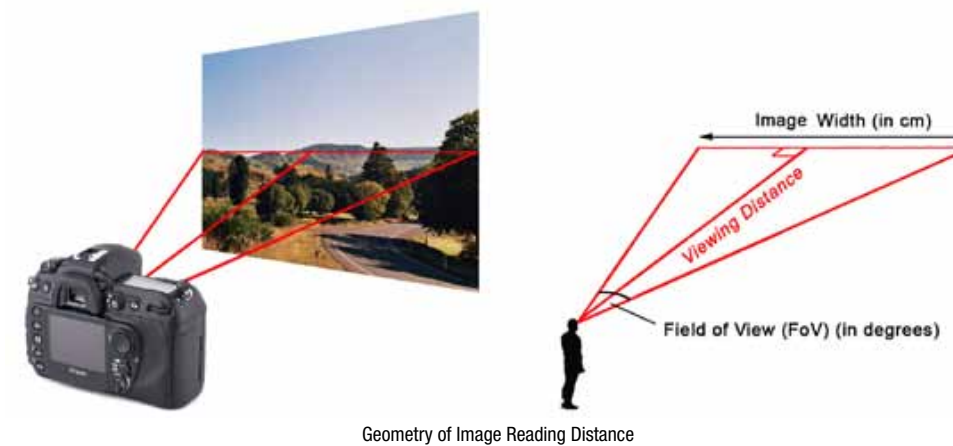


COMPOSITING

Virtual camera views were then created in 3D modelling software, and a combination of LiDAR data and 3D engineering drawings imported to each of these views. These were then matched to the corresponding photographic panorama, using identifiable features in the landscape and the characteristics of the camera to match the two together. The simulations were then assembled using graphic design software.

RECOMMENDED IMAGE READING DISTANCE

According to the NZILA Guidelines, views which have a field of view of 90° should be viewed from a distance of 20cm when printed at A3.





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Existing View (Winter)



Proposed View (Winter - after 1 year)



Existing View (Winter)



Proposed View (Winter - after 10 years)



Existing View (Winter)



Proposed View (Summer - after 10 years*)

* This visualisation has been has been computer generated to represent summer conditions to demonstrate deciduous trees in full leaf at year 10 and is for illustrative purposes only.



Existing View (Winter)



Proposed View (Winter - after 1 year)



Existing View (Winter)



Proposed View (Winter - after 10 years)

About Boffa Miskell

Boffa Miskell is a leading New Zealand professional services consultancy with offices in Auckland, Hamilton, Tauranga, Wellington, Christchurch, Dunedin and Queenstown. We work with a wide range of local and international private and public sector clients in the areas of planning, urban design, landscape architecture, landscape planning, ecology, biosecurity, cultural heritage, graphics and mapping. Over the past four decades we have built a reputation for professionalism, innovation and excellence. During this time we have been associated with a significant number of projects that have shaped New Zealand's environment.

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