

APPENDICES

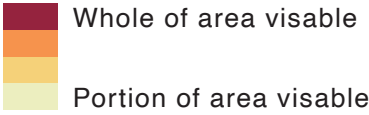
LOWER TERRACE



0M - 500M

500M - 2000M

2000M-5000M



APPENDIX 1 - ZTV MAPPING + SIMULATION LOCATIONS



UPPER TERRACE



0M - 500M



500M - 2000M



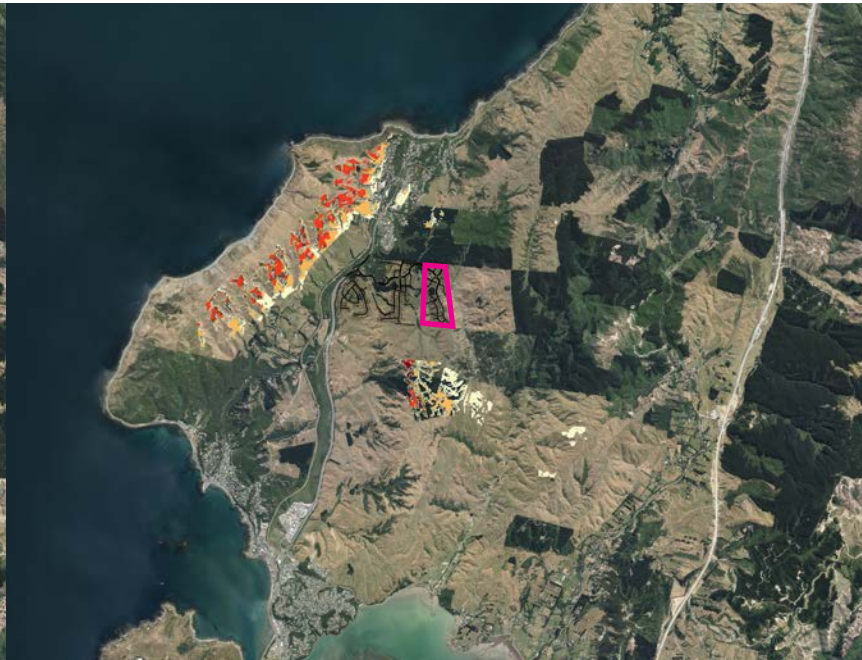
2000M-5000M



LUCUS BLOCK



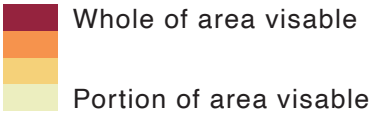
0M - 500M



500M - 2000M



2000M-5000M







NZILA VISUAL SIMULATIONS BEST PRATCICE GUIDE.

#### Methodology

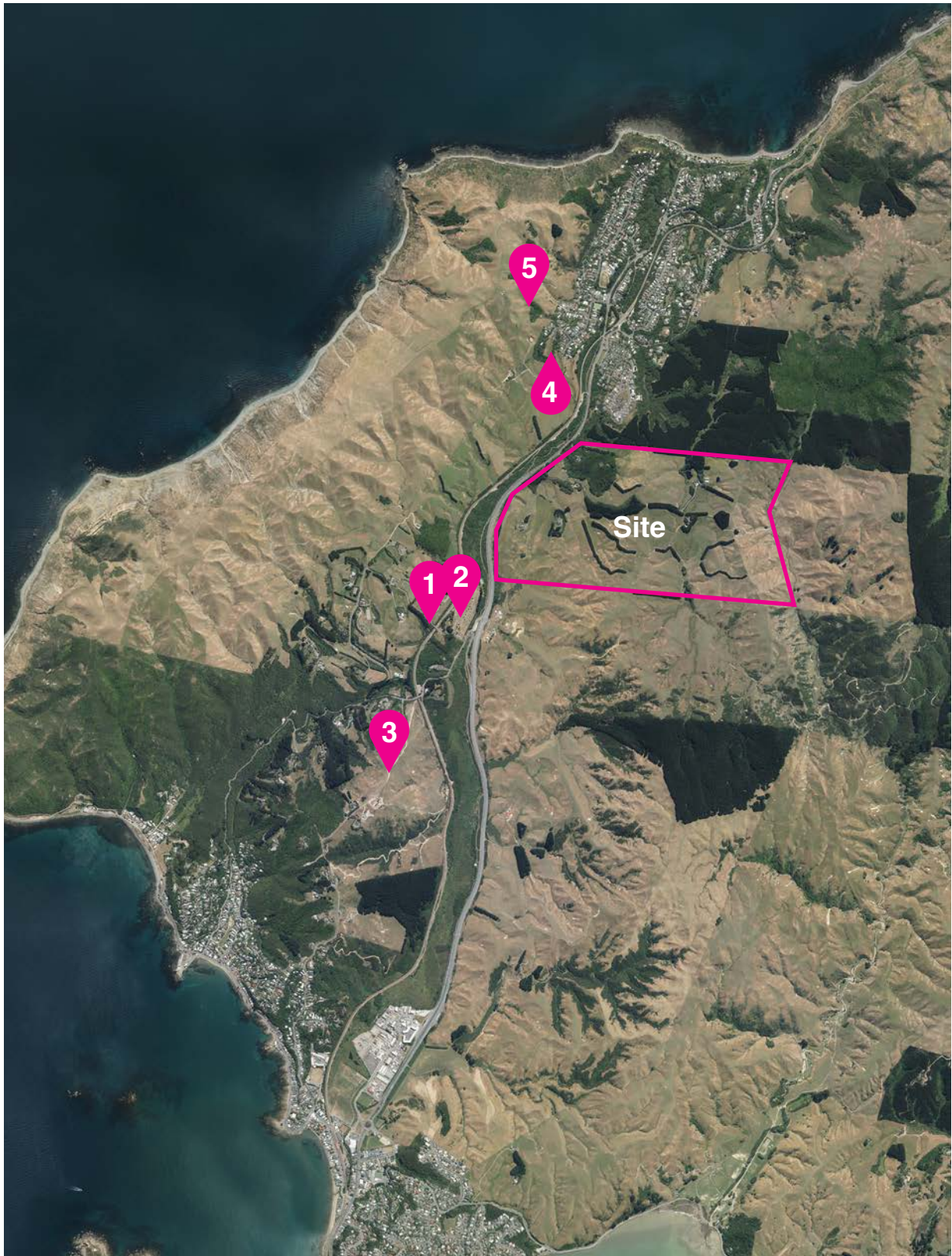
- Photos were taken with a 50mm fixed lens on DSLR camera. Locations were fixed using a handheld GPS unit with accuracy of <5m. These points were cross referenced using GIS information. Reference points in the landscape, such as trees and existing structures were also located to assist referencing of photo to digital model
- A sequence of photos was taken from each viewpoint and stitched to form panoramas. Photos were overlapped by approximately 30% and edges cropped prior to stitching to eliminate edge distortion.
- Computer images were generated within the digital scene from the same locations as the photos. The image was overlaid and aligned with the photo using key reference points and visual matching.
- The wire-frame was then switched off leaving the proposed activity in its correct location and scale relative to the photo. Lower parts of the proposed activity were erased using Photoshop software where they would be behind foreground items.
- Elements such as exposed earthworks/ re-grassing and vegetation were rendered using computer rendering software to create as realistic output. Photoshop software was also used to finalise the proposed elements.

The completed photomontage is presented over two pages:

- The photos are produced to replicate correct scale at the nominated reading distance. Each photomontage is printed across two A3 landscape facing pages to illustrate a field of view of approximately 110° at a reading distance of 400mm. This approximates the field of human binocular vision. (But not peripheral vision which extends to approximately 200°)

Notes on use of Photosimulations:

- The Photosimulations are a useful tool but they cannot not precisely reproduce real life for the following reasons:
- 2D Photography flattens an image compared to binocular vision.
- Photography is static, whereas the human vision can scan and remember information.
- Photographs are passive, whereas the eye seeks out detail.
- The human eye can see more contrast than can be reproduced through photography.
- Physical resolution of photography and printing is less than that of the human eye.



**Selected Views**

- 1. Whenua Tapu Cemetery (Upper)
- 2. Whenua Tapu Cemetery (Lower)
- 3. Taua Tapu Track
- 4. Greenmeadows Reserve, Pukerua Bay
- 5. Paddock above Kotipu Place and Kapekape Place, Pukerua Bay

**VIEWPOINT LOCATIONS**





**WHENUA TAPU CEMETERY (UPPER)**  
**VIEW 1 - EXISTING - SIMULATION EXTENT**







VIEW 1 - EXISTING

Original Photo | 50mm | DSLR Nikon D3200 | 1518hrs 27 March 2025 | 1,776,260.03 E 5,446,247.24 N (NZTM)  
Reading distance: 500mm | Elevation from ground: Approx 1.8m Field of View | Approximately 110° horizontal (across 2 x A3 pages) & 34° vertical  
Disclaimer: These are simulated views and therefore are indicative only. They have been prepared following NZILA VISUAL SIMULATIONS BPG 10.2.









VIEW 1 - SIMULATED EARTHWORKS

Original Photo | 50mm | DSLR Nikon D3200 | 1518hrs 27 March 2025 | 1,776,260.03 E 5,446,247.24 N (NZTM)  
Reading distance: 500mm | Elevation from ground: Approx 1.8m Field of View | Approximately 110° horizontal (across 2 x A3 pages) & 34° vertical  
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**VIEW 1 - SIMULATED DEVELOPMENT (PLANTING AT 5-YEARS)**

Original Photo | 50mm | DSLR Nikon D3200 | 1518hrs 27 March 2025 | 1,776,260.03 E 5,446,247.24 N (NZTM)  
Reading distance: 500mm | Elevation from ground: Approx 1.8m Field of View | Approximately 110° horizontal (across 2 x A3 pages) & 34° vertical  
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**WHENUA TAPU CEMETERY (LOWER)**  
**VIEW 2 - EXISTING - SIMULATION EXTENT**









VIEW 2 - EXISTING

Original Photo | 35mm | DSLR Nikon D3200 | 1448hrs 27 March 2025 | 1,775,488.30 E 5,446,493.02 N (NZTM)  
Reading distance: 350mm | Elevation from ground: Approx 1.8m Field of View | Approximately 110° horizontal (across 2 x A3 pages) & 34° vertical  
Disclaimer: These are simulated views and therefore are indicative only. They have been prepared following NZILA VISUAL SIMULATIONS BPG 10.2.









VIEW 2 - SIMULATED EARTHWORKS

Original Photo | 35mm | DSLR Nikon D3200 | 1448hrshrs 27 March 2025 | 1,775,488.30 E 5,446,493.02 N (NZTM)  
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**TAUA TAPU TRACK**  
**VIEW 3 - EXISTING - SIMULATION EXTENT**









VIEW 3 - EXISTING

Original Photo | 35mm | DSLR Nikon D3200 | 1505hrs 27 March 2025 | 1,775,961.21 E 5,447,397.93 N (NZTM)  
Reading distance: 350mm | Elevation from ground: Approx 1.8m Field of View | Approximately 110° horizontal (across 2 x A3 pages) & 34° vertical  
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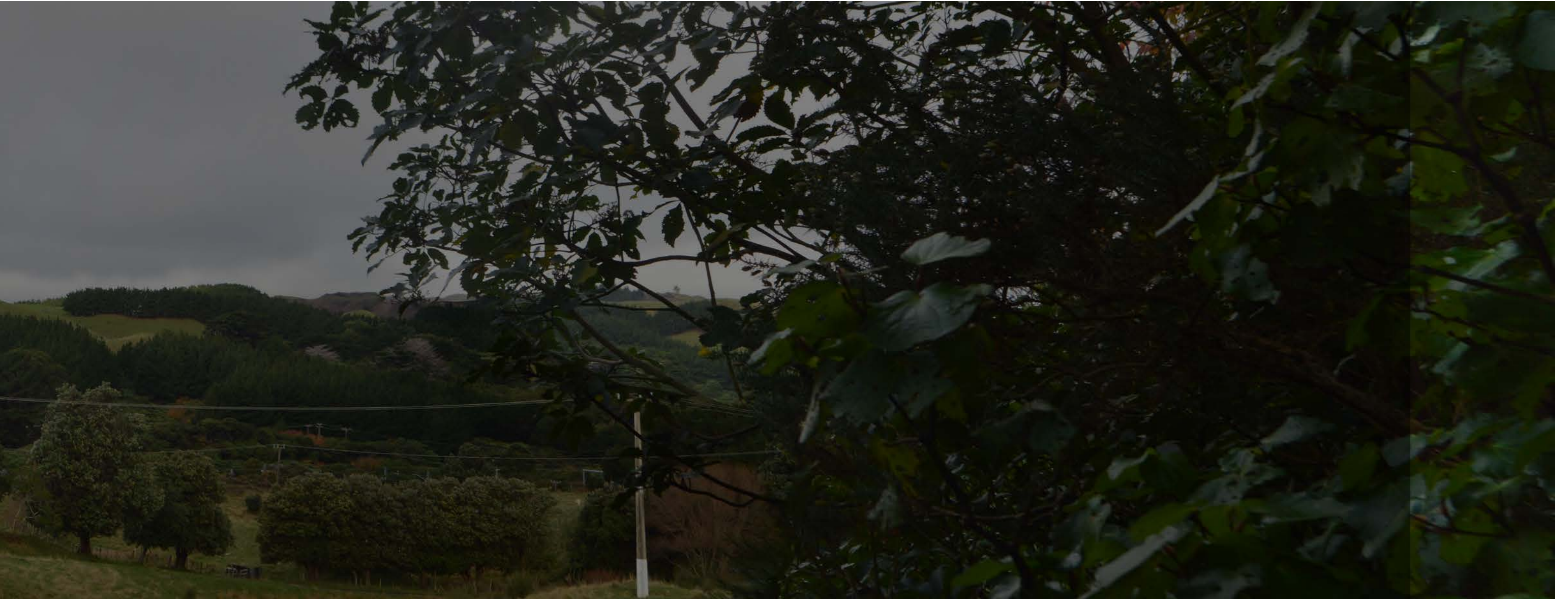






**GREENMEADOWS RESERVE, PUKERUA BAY**  
**VIEW 4 - EXISTING - SIMULATION EXTENT**









VIEW 4 - EXISTING

Original Photo | 35mm | DSLR Nikon D3200 | 1330hrs 27 March 2025 | 1,775,607.52 E 5,447,930.28 N (NZTM)  
Reading distance: 350mm | Elevation from ground: Approx 1.8m Field of View | Approximately 110° horizontal (across 2 x A3 pages) & 34° vertical  
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VIEW 4 - SIMULATED EARTHWORKS

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**VIEW 4 - SIMULATED DEVELOPMENT (PLANTING AT 5-YEARS)**

Original Photo | 35mm | DSLR Nikon D3200 | 1330hrs 27 March 2025 | 1,775,607.52 E 5,447,930.28 N (NZTM)  
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**PADDOCK ABOVE KOTIPU PLACE AND KAPEKAPE PLACE, PUKERUA BAY**  
**VIEW 5 - EXISTING - SIMULATION EXTENT**









VIEW 5 - EXISTING

Original Photo | 35mm | DSLR Nikon D3200 | 1402hrs 27 March 2025 | 1,775,210.90 E 5,447,495.32 N (NZTM)  
Reading distance: 350mm | Elevation from ground: Approx 1.8m Field of View | Approximately 110° horizontal (across 2 x A3 pages) & 34° vertical  
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VIEW 5 - SIMULATED EARTHWORKS

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**VIEW 5 - SIMULATED DEVELOPMENT (PLANTING AT 5-YEARS)**

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**BLAC.**

Brad Landscape Architecture Collective.

A landscape architecture + urban design studio collaborating with registered architects, engineers, planners, ecologists + design sources.

Ngamotu/  
Taranaki

Miramar/  
Te Whanganui-a-Tara

