

Mangawhai Hills

Landscape and Visual Effects Assessment

Appendix 2: Graphic Supplement

29.04.2024

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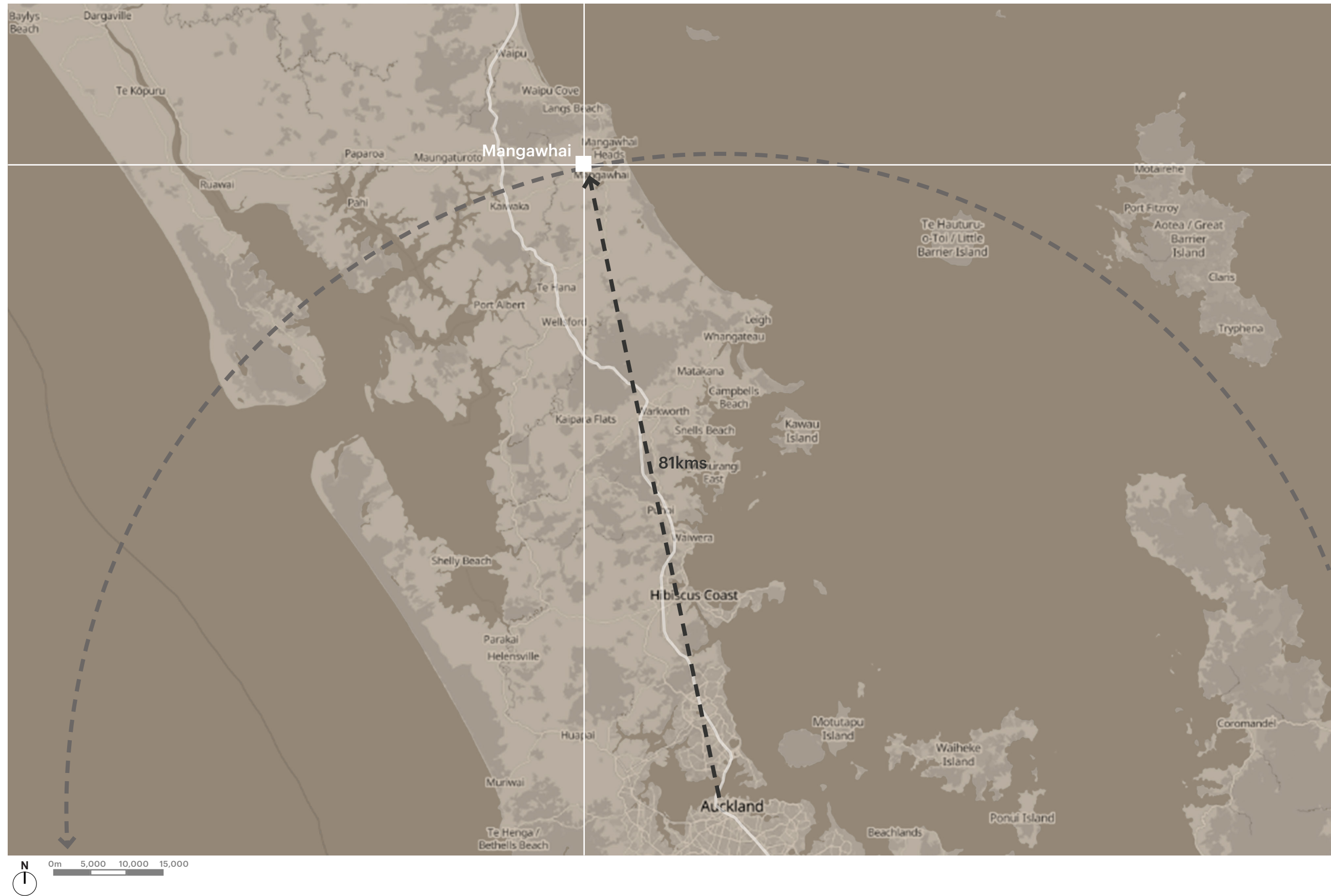
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A	Draft	21.02.2024	JP	GF	
B	Final	15.03.2024	JP	GF	
C	Final	29.04.2024	JP	GF	

1.0 Context

1.0 Context

Site Location



1.0 Context

Site Location

Map Source: Kaipara District Council GIS Viewer



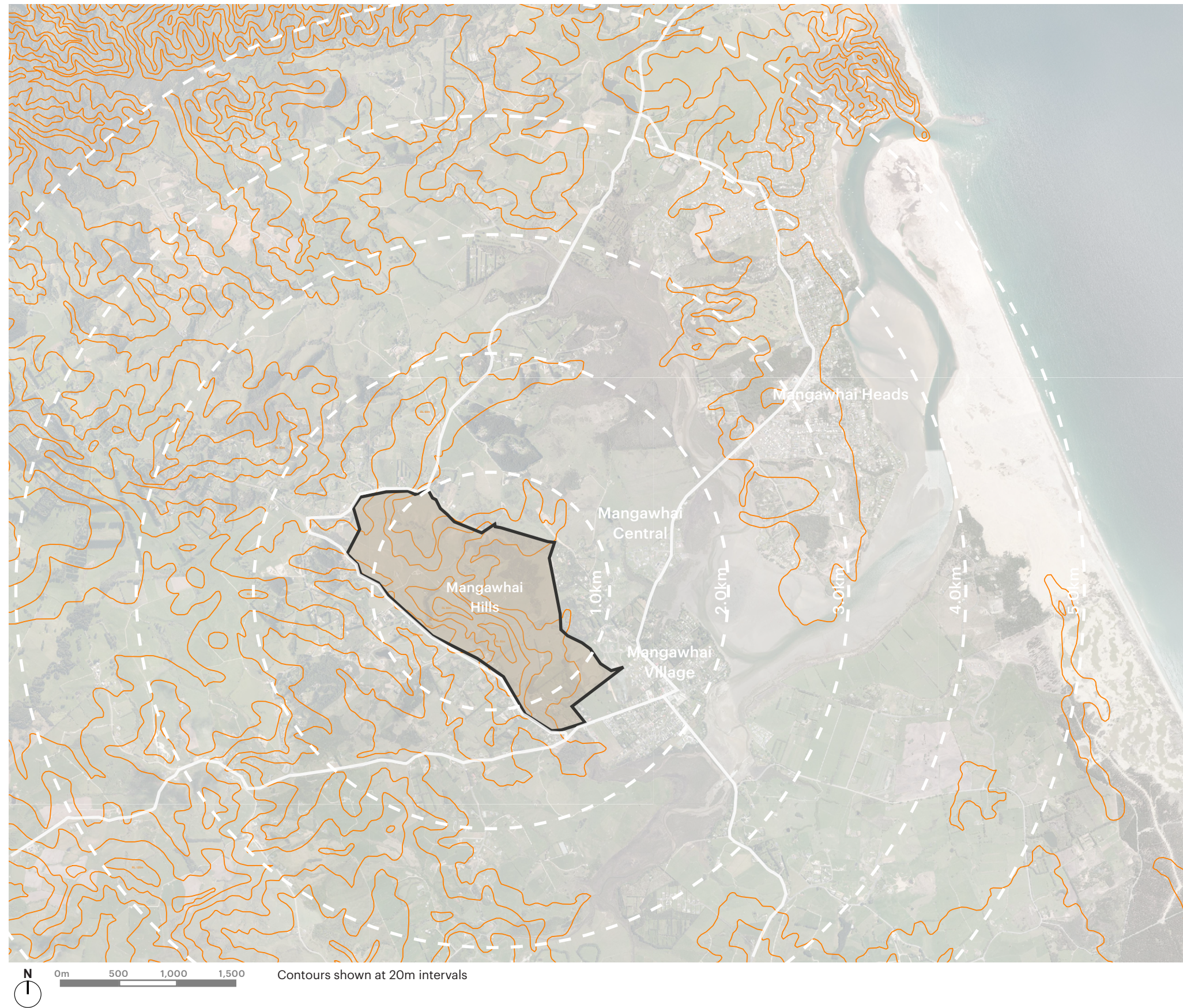
1.0 Context

Site Location



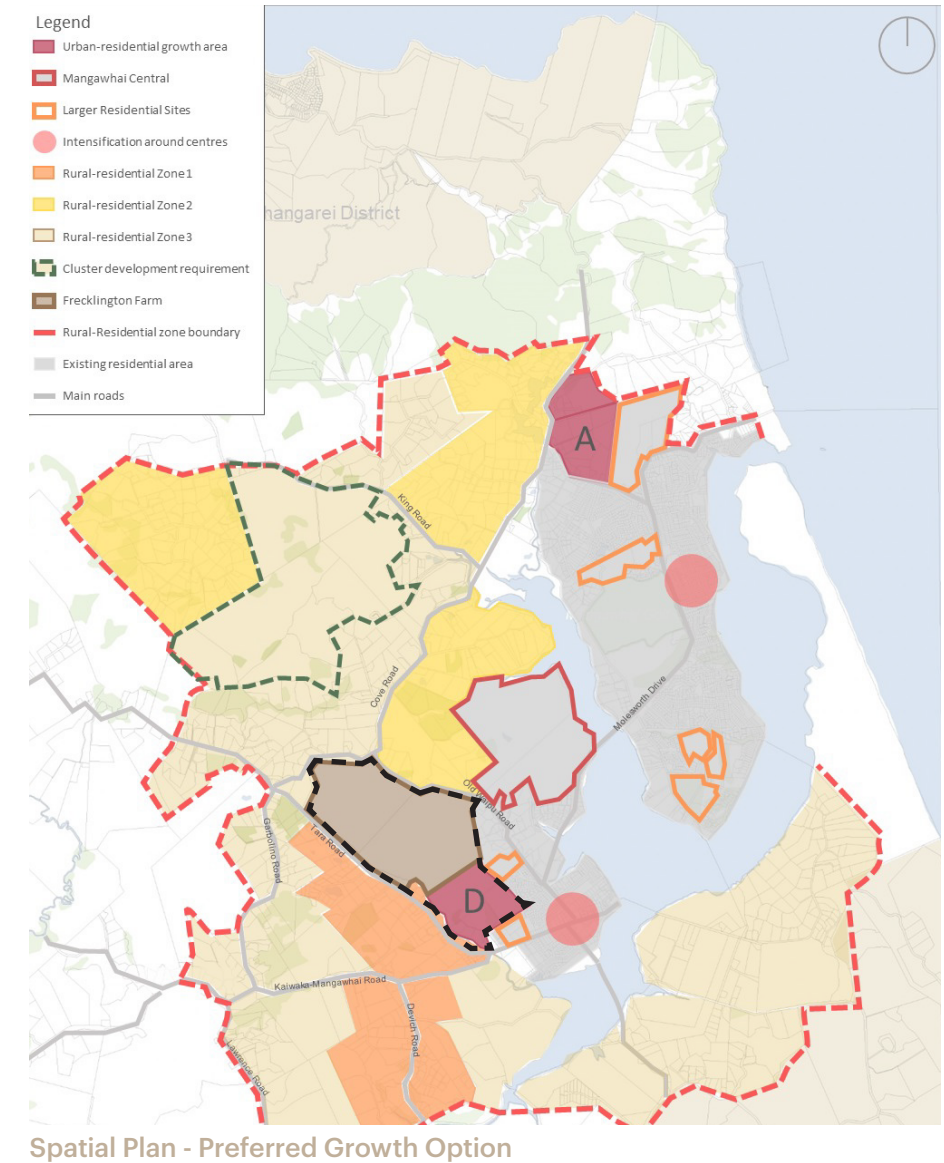
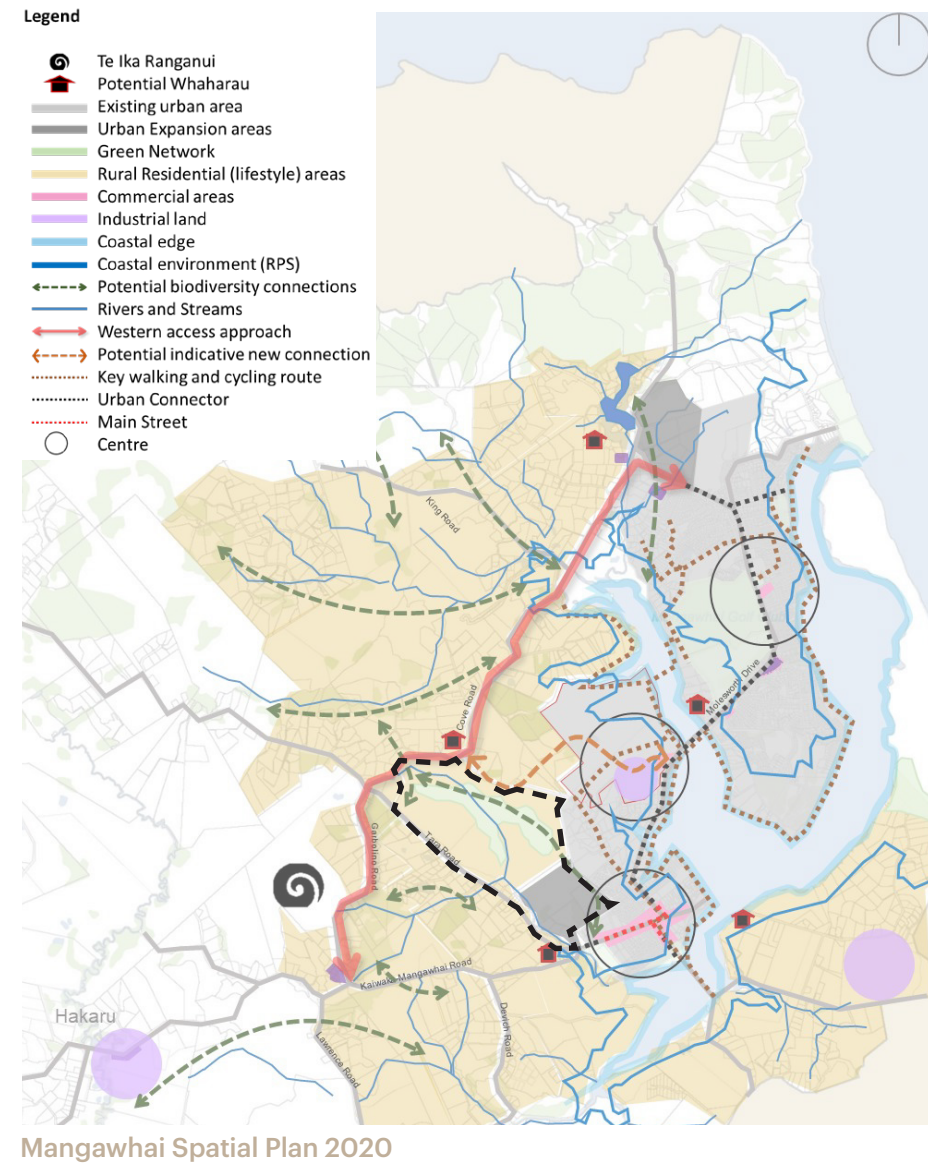
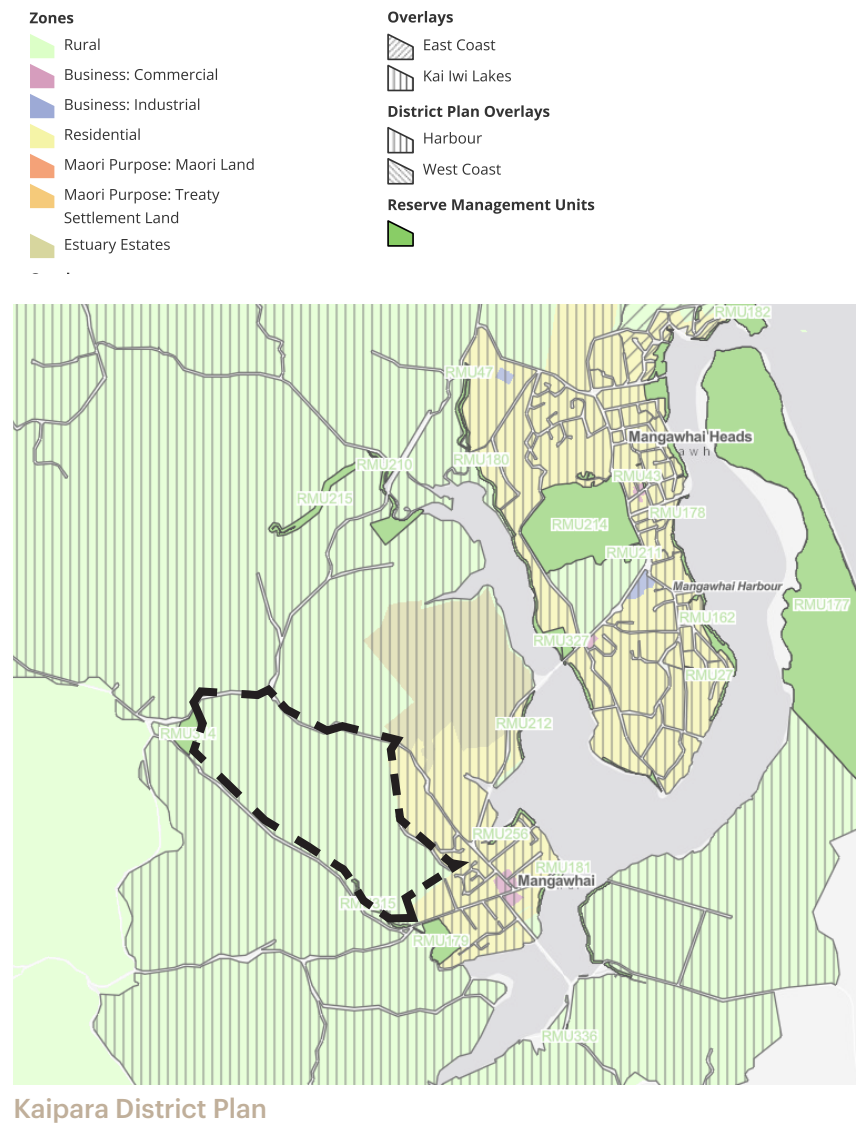
1.0 Context

Topography



1.0 Context

Zoning



1.0 Context

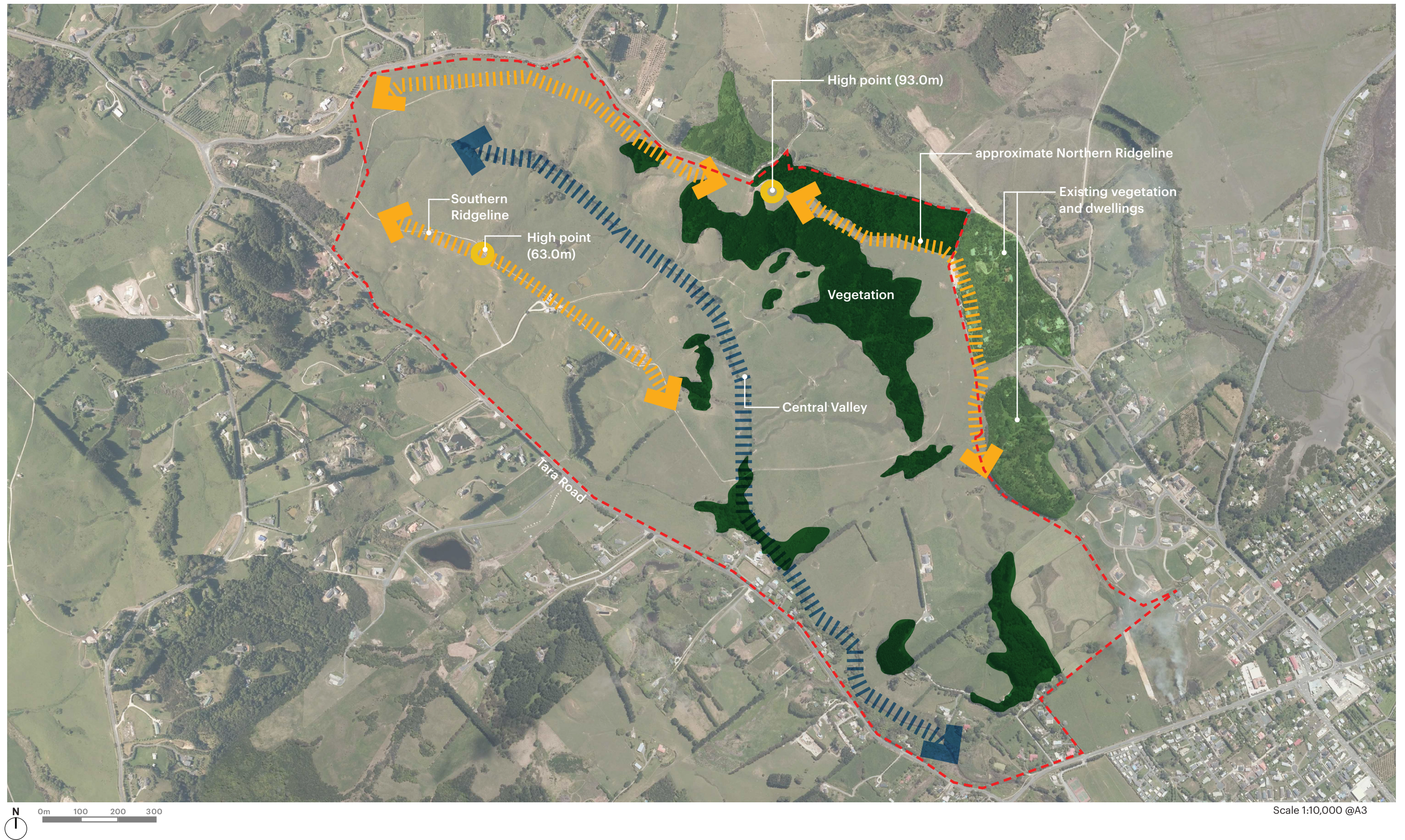
Site Aerial

Map Source: Google Earth



1.0 Context

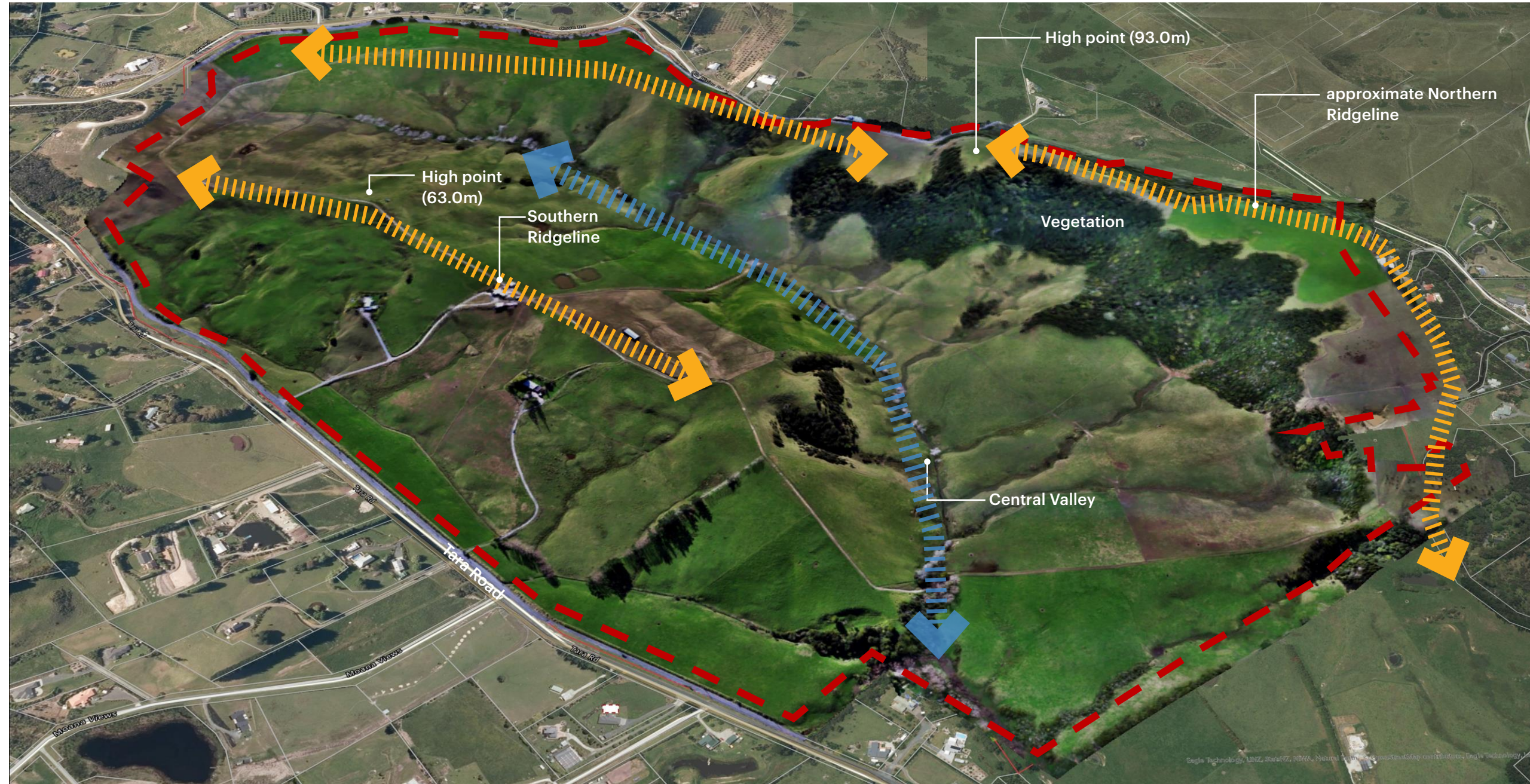
Site Features



1.0 Context

Digital Terrain Model

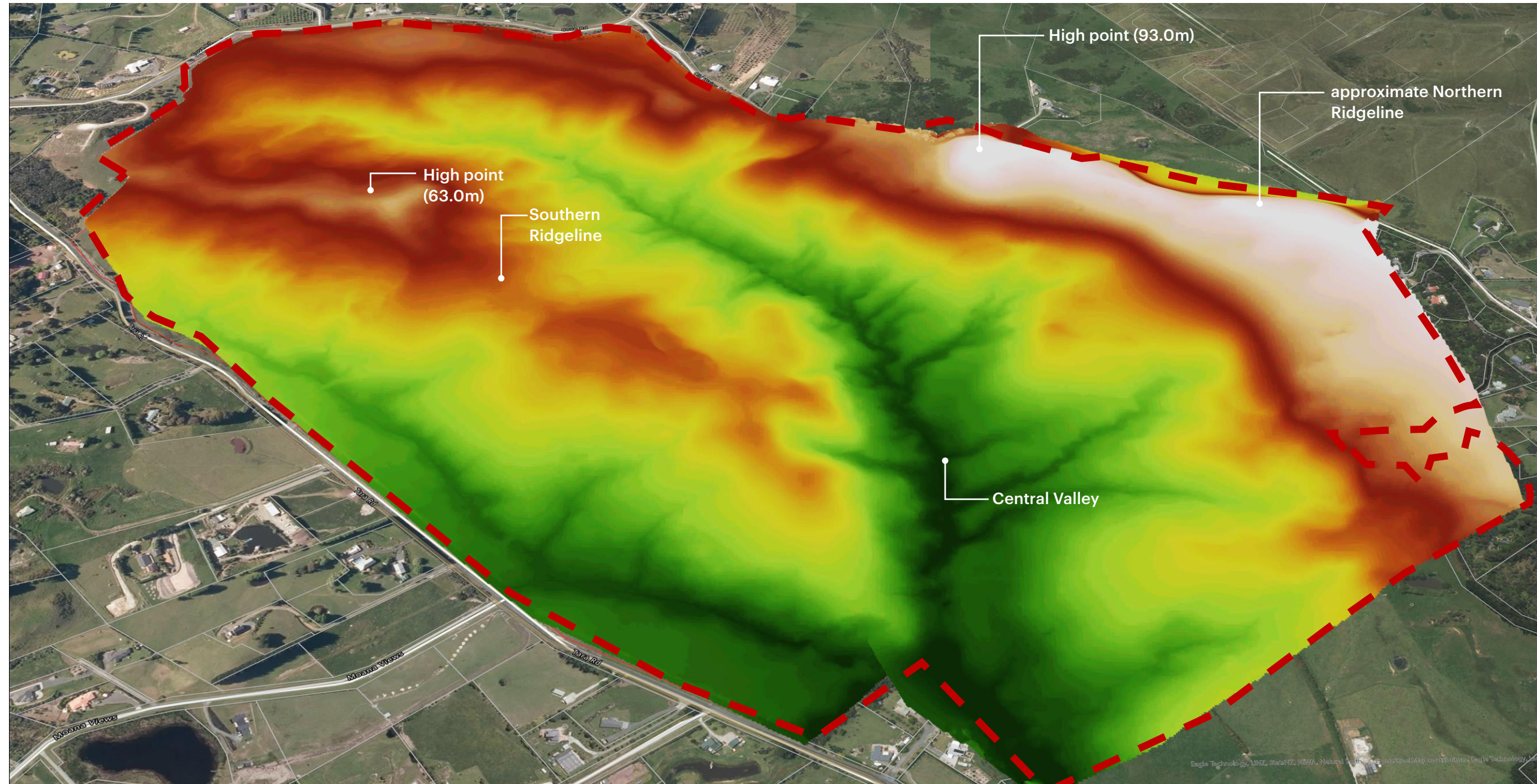
Map Source: EDG Planning & Design



1.0 Context

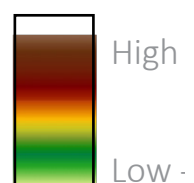
Digital Terrain Model - Elevation

Map Source: EDG Planning & Design



Legend

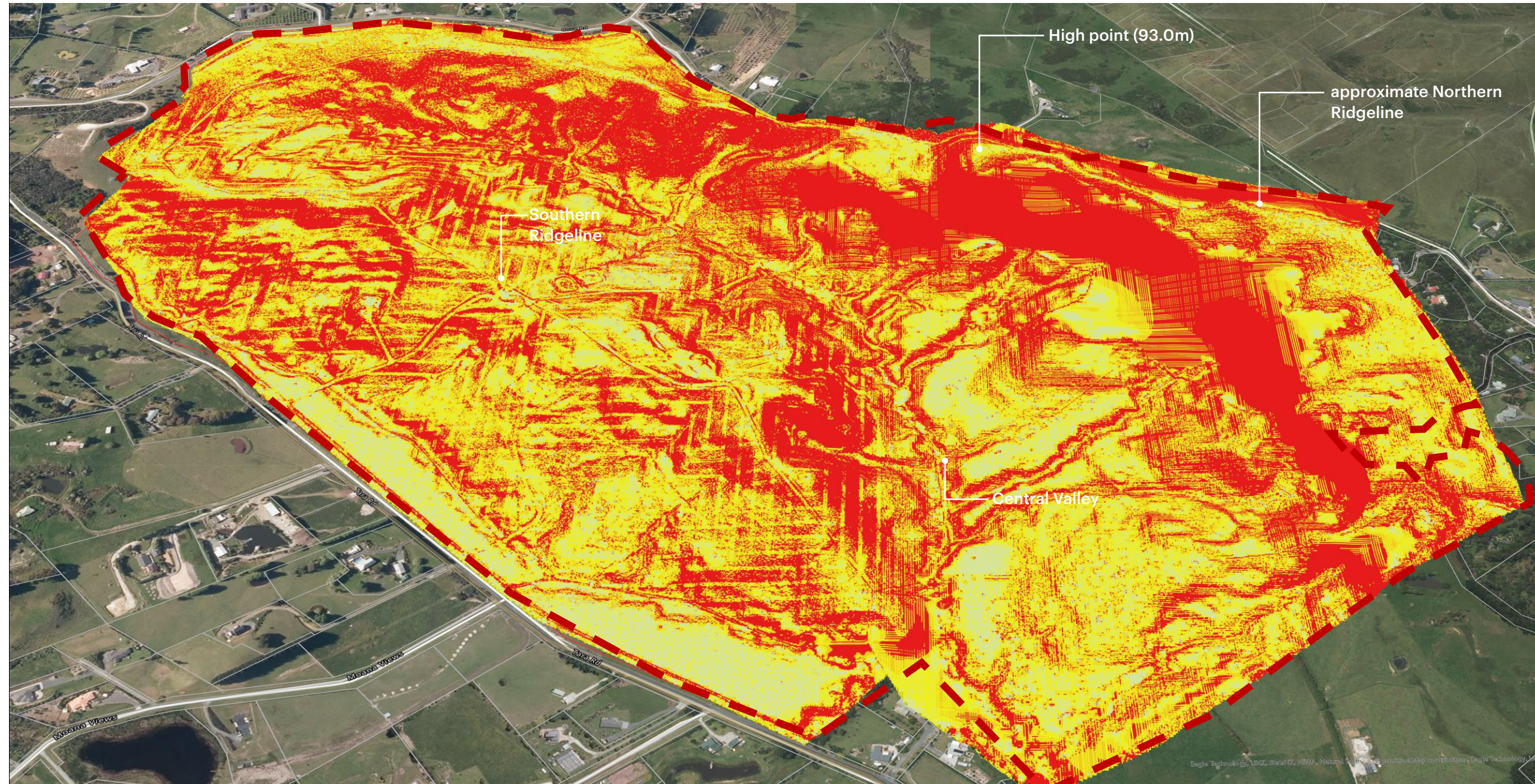
 Site Boundary



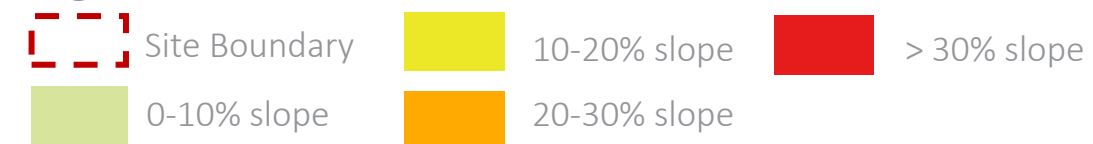
1.0 Context

Digital Terrain Model - Slope

Map Source: EDG Planning & Design



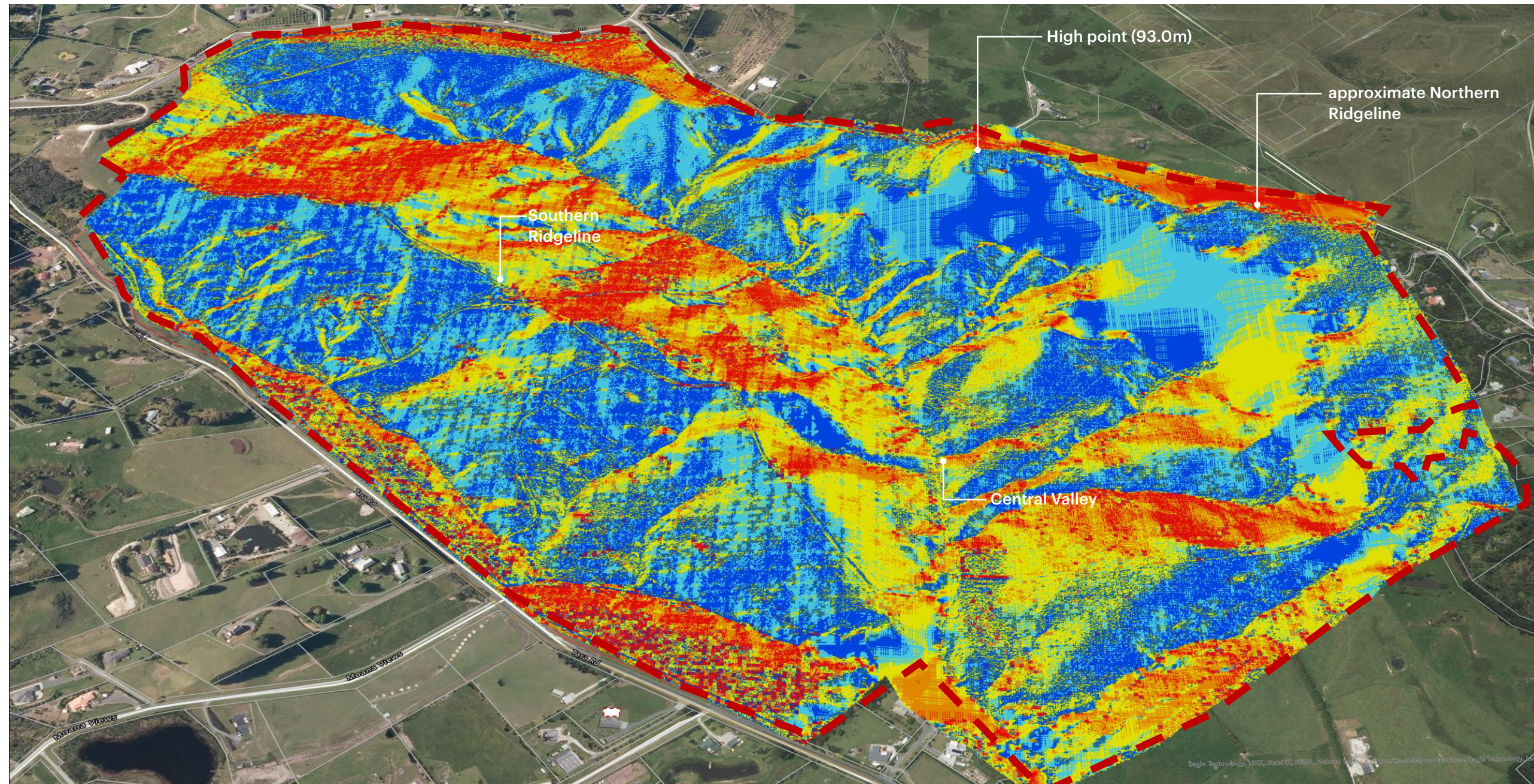
Legend



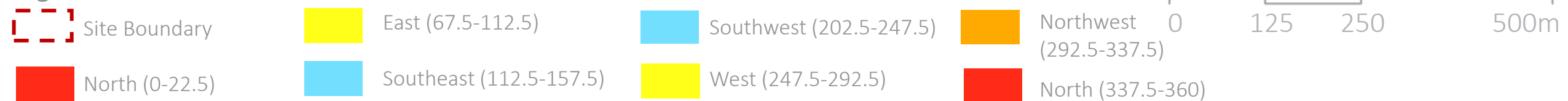
1.0 Context

Digital Terrain Model - Aspect

Map Source: EDG Planning & Design



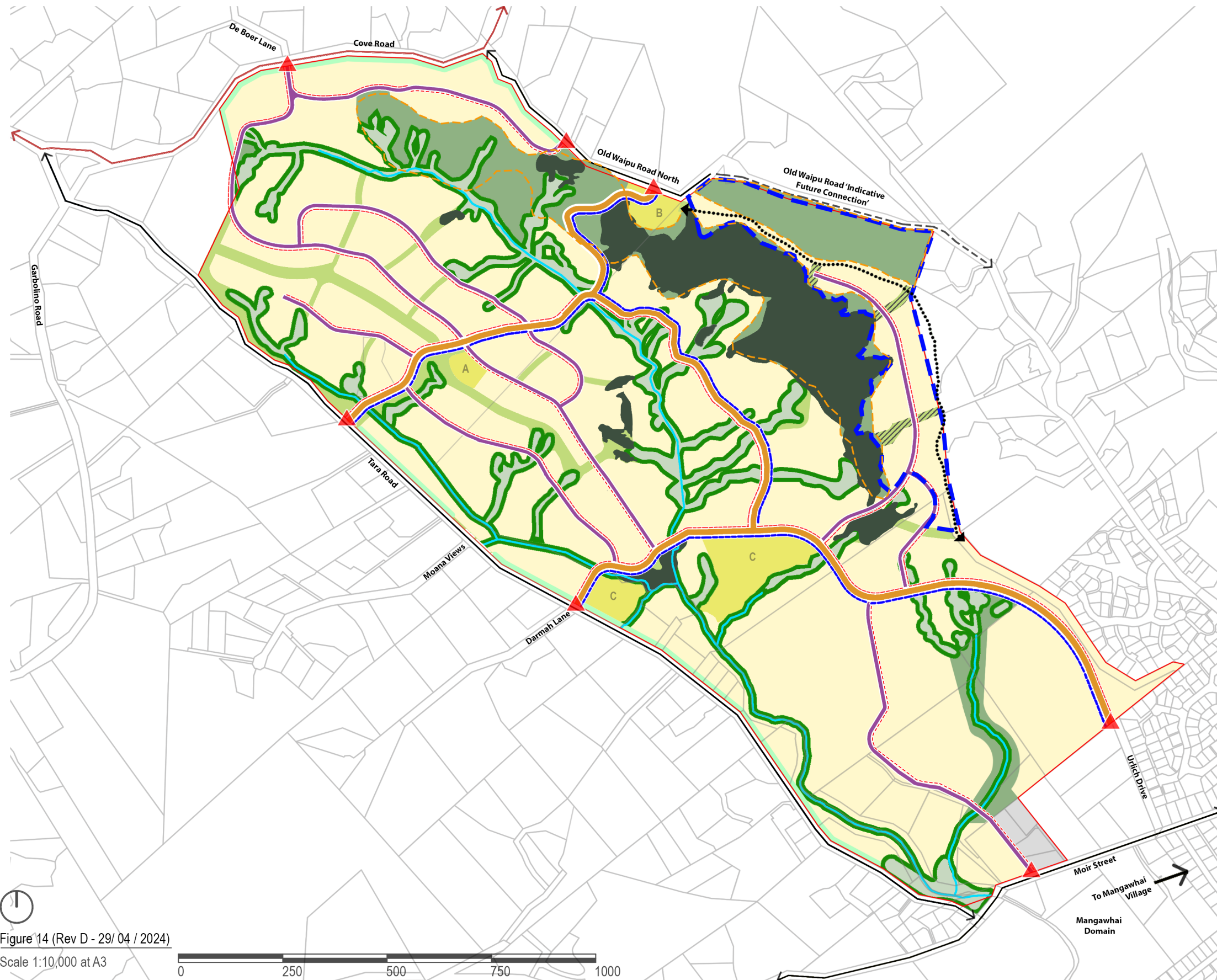
Legend



2.0 Proposal

2.0 Proposal

Recommended Structure Plan



Legend

- Plan Change Area
- Landscape Protection Area
- Northern Ridgeline
- Indicative Primary Road
- Indicative Secondary Road
- ▲ Indicative Future Road Entries
- ↔ Existing Roads / Connections
- ↔ Western by-Pass Link / Collector Road
- Indicative 3m Shared Path
- Indicative Roadside Footpath
- Indicative Streams
- Indicative Wetland
- Indicative Wetland & Stream Restoration (10m Setback)
- Additional Native Revegetation
- Moderate to High Risk Instability Area
- Existing Native Vegetation
- Indicative Linear Open Space
- Green Corridors
- Boundary Buffer Planting
- Proposed Residential Area (Subject to Plan Change)
- Indicative Community Hubs 'A - C'
- Existing Residential



Figure 14 (Rev D - 29/ 04 / 2024)

Scale 1:10,000 at A3



2.0 Proposal

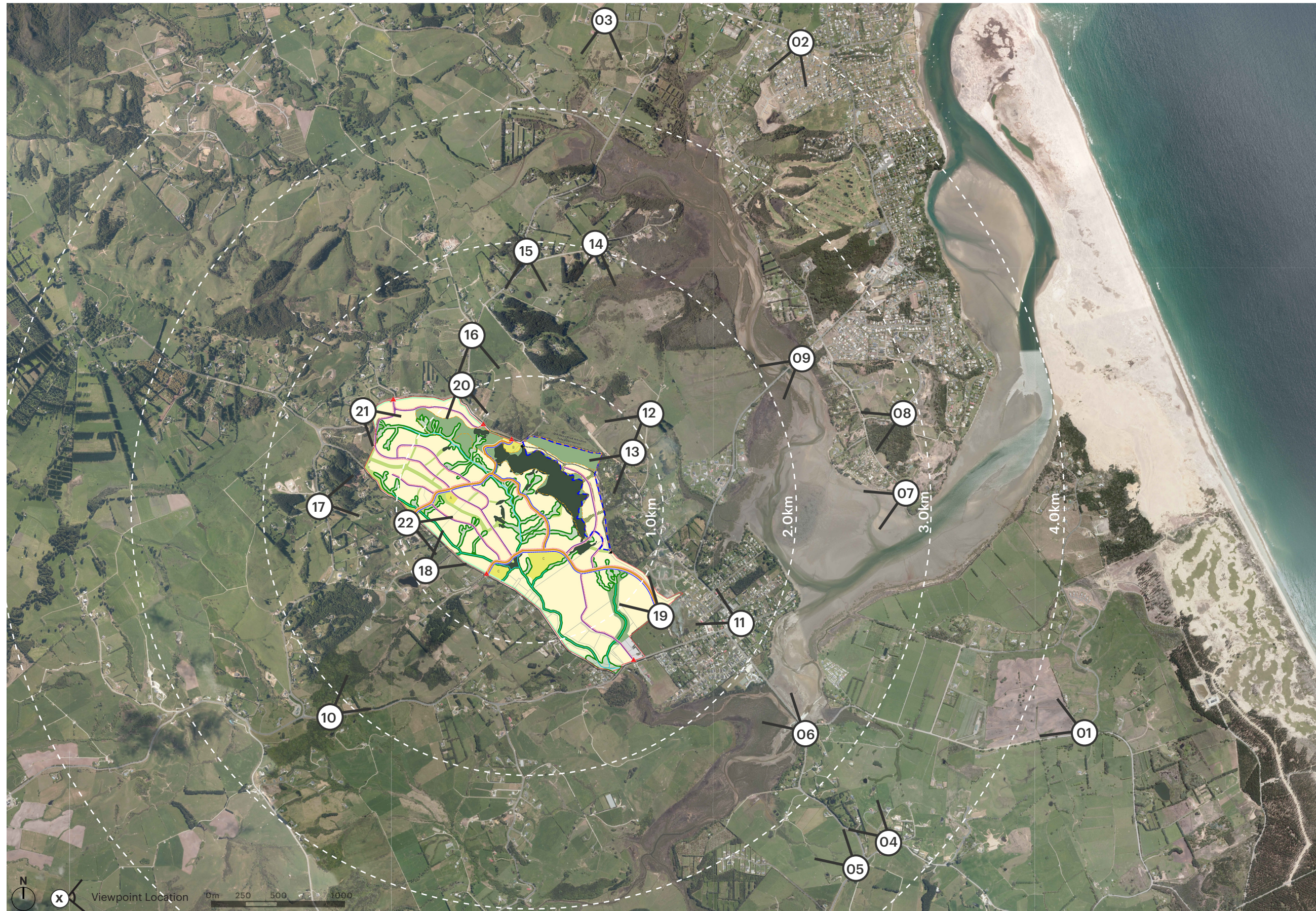
Recommended Structure Plan



3.0 Viewpoints

3.0 Viewpoints

Viewing Catchment & Viewpoint Locations



VP1 | 213 Black Swamp Road

Existing View



Original photo: Taken 25/01/2024 11:38am, Canon EOS RP RF25-105mm F9 STM lens - 50mm | **Latitude:** -36.132897179611504 **Longitude:** 174.6035342918345 | **Level:** 20m | **Orientation:** North west | **Distance:** 4,380m

VP2 | Parklands Avenue

Existing View



Original photo: Taken 25/01/2024 12:15pm, Canon EOS RP RF25-105mm F9 STM lens - 50mm | **Latitude:** -36.08659993952663 **Longitude:** 174.58004479475383 | **Level:** 20m | **Orientation:** South west | **Distance:** 4,035m

VP3 | 453 Barrier View Road

Existing View



Original photo: Taken 25/01/2024 12:35pm, Canon EOS RP RF25-105mm F9 STM lens - 50mm | **Latitude:** -36.08495091279689 **Longitude:** 174.56335468200697 | **Level:** 20m | **Orientation:** South | **Distance:** 3,710m

VP4 | Coal Hill Road

Existing View



Original photo: Taken 25/01/2024 11:20am, Canon EOS RP RF25-105mm F9 STM lens - 50mm | **Latitude:** -36.1404287235434 **Longitude:** 174.5896318318181 | **Level:** 60m | **Orientation:** North west | **Distance:** 3,711m

VP5 | Coal Hill Road / Tomarata Road

Existing View



Original photo: Taken 25/01/2024 11:25am, Canon EOS RP RF25-105mm F9 STM lens - 50mm | **Latitude:** -36.1419272179594 **Longitude:** 174.58594286214674 | **Level:** 45m | **Orientation:** North west | **Distance:** 3,616m

VP6 | Insley Street

Existing View



Original photo: Taken 25/01/2024 11:31am, Canon EOS RP RF25-105mm F9 STM lens - 50mm | **Latitude:** -36.13298171145443 | **Longitude:** 174.58139513596143 | **Level:** 15m | **Orientation:** North west | **Distance:** 2,655m

VP7 | Estuary Drive

Existing View



Original photo: Taken 27/01/2024 12:41pm, Canon EOS RP RF25-105mm F9 STM lens - 50mm | **Latitude:** -36.116932624291174 **Longitude:** 174.58980812486868 | **Level:** 15m | **Orientation:** West | **Distance:** 2,850m

VP8 | Moir Point Rd

Existing View



Original photo: Taken 25/01/2024 11:50am, Canon EOS RP RF25-105mm F9 STM lens - 50mm | **Latitude:** -36.11144110660954 **Longitude:** 174.58899971711037 | **Level:** 30m | **Orientation:** West | **Distance:** 2,886m

VP9 | Molesworth Drive

Existing View



Original photo: Taken 17/01/2024 12:45pm, Canon EOS RP RF25-105mm F9 STM lens - 50mm | Latitude: -36.108486896129875 Longitude: 174.5795749419826 | Level: 15m | Orientation: West | Distance: 2,325m

VP10 | Kaiwaka Mangawhai Road

Existing View



Original photo: Taken 17/01/2024 10:41am, Canon EOS RP RF25-105mm F9 STM lens - 50mm | **Latitude:** -36.13240571531809 **Longitude:** 174.54193268464127 | **Level:** 90m | **Orientation:** North east | **Distance:** 2,140m

VP11 | Moir Street

Existing View



Original photo: Taken 17/01/2024 12:13pm, Canon EOS RP RF25-105mm F9 STM lens - 50mm | **Latitude:** -36.125697777589515 **Longitude:** 174.57616490463522 | **Level:** 10m | **Orientation:** North west | **Distance:** 1,785m

VP12 | Centreway Road

Existing View (25mm lens)



Original photo: Taken 17/01/2024 12:48pm, Canon EOS RP RF25-105mm F9 STM lens - 25mm | **Latitude:** -36.11134520333433 **Longitude:** 174.57259496682397 | **Level:** 20m | **Orientation:** South west | **Distance:** 1,487m

VP12 | Centreway Road

Existing View



Original photo: Taken 17/01/2024 12:48pm, Canon EOS RP RF25-105mm F9 STM lens - 50mm | **Latitude:** -36.11134520333433 **Longitude:** 174.57259496682397 | **Level:** 20m | **Orientation:** South west | **Distance:** 1,487m

VP13 | Eagle Ray Road

Existing View (25mm lens)



Original photo: Taken 17/01/2024 12:52pm, Canon EOS RP RF25-105mm F9 STM lens - 25mm | **Latitude:** -36.11283120042809 **Longitude:** 174.5708780923847 | **Level:** 20m | **Orientation:** South west | **Distance:** 1,265m

VP13 | Eagle Ray Road

Existing View



Original photo: Taken 17/01/2024 12:52pm, Canon EOS RP RF25-105mm F9 STM lens - 50mm | **Latitude:** -36.11283120042809 **Longitude:** 174.5708780923847 | **Level:** 20m | **Orientation:** South west | **Distance:** 1,265m

VP14 | Atkin Road

Existing View



Original photo: Taken 17/01/2024 11:08am, Canon EOS RP RF25-105mm F9 STM lens - 50mm | **Latitude:** -36.10074783057128 **Longitude:** 174.5634878414694 | **Level:** 20m | **Orientation:** South | **Distance:** 2,020m

VP15 | Cove Road

Existing View



Original photo: Taken 17/01/2024 11:04am, Canon EOS RP RF25-105mm F9 STM lens - 50mm | **Latitude:** -36.100386014472974, **Longitude:** 174.55770947145197 | **Level:** 40m | **Orientation:** South | **Distance:** 1,940m

VP16 | Cove Road/Bagnel Road

Existing View



Original photo: Taken 17/01/2024 11:11am, Canon EOS RP RF25-105mm F9 STM lens - 50mm | **Latitude:** -36.10668918626794 **Longitude:** 174.5532255189881 | **Level:** 40m | **Orientation:** South | **Distance:** 950m

VP17 | 190 Garbolino Road

Existing View



Original photo: Taken 17/01/2024 10:50am, Canon EOS RP RF25-105mm F9 STM lens - 50mm | **Latitude:** -36.11737892174985 **Longitude:** 174.54063400114893 | **Level:** 70m | **Orientation:** East | **Distance:** 570m

VP18 | Moana Views

Existing View (panorama 25mm)



Original photo: Taken 17/01/2024 11:27am, Canon EOS RP RF25-105mm F9 STM lens - 25mm Panorama created by Adobe Photoshop | **Latitude:** -36.12243729983805 **Longitude:** 174.5499952962304 | **Level:** 40m | **Orientation:** East | **Distance:** 225m

VP19 | Ulrich Drive

Existing View



Original photo: Taken 17/01/2024 11:53am, Canon EOS RP RF25-105mm F9 STM lens - 25mm | **Latitude:** -36.12498908748147 **Longitude:** 174.56918849175744 | **Level:** 30m | **Orientation:** North | **Distance:** 200m

VP20 | Cove Road

Existing View



Original photo: Taken 17/01/2024 11:15am, Canon EOS RP RF25-105mm F9 STM lens - 50mm | **Latitude:** -36.110361860675866 **Longitude:** 174.55210964174725 | **Level:** 50m | **Orientation:** South | **Distance:** 100m

VP21 | Cove Road

Existing View (panorama 25mm)



Original photo: Taken 17/01/2024 10:54am, Canon EOS RP RF25-105mm F9 STM lens - 25mm Panorama created by Adobe Photoshop | **Latitude:** -36.11196530029218 **Longitude:** 174.54508368689994 | **Level:** 60m | **Orientation:** South west | **Distance:** 15m

VP22 | Tara Road

Existing View (25mm)



Original photo: Taken 25/01/2024 12:58pm, Canon EOS RP RF25-105mm F9 STM lens - 25mm | **Latitude:** -36.11883393418923 **Longitude:** 174.54860863351288 | **Level:** 30m | **Orientation:** South east | **Distance:** 10m

**RE
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