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   VERTICAL DATUM.
4. THE PROPOSED ROAD ALIGNMENT, TURBINE PLATFORMS,
   AND OVERALL EARTHWORKS ARE BASED ON AN INDICATIVE
   ROAD ALIGNMENT AND REMAIN SUBJECT TO DETAILED
   DESIGN.

LEGEND

EXISTING PROPERTY BOUNDARY
IOCCPOT CLITORIAL BOUNDARY
EXISTING MAJOR CONTOUR
EXISTING MINOR CONTOUR
PROPOSED MAJOR CONTOUR
PROPOSED MINOR CONTOUR
EXTENT OF EARTHWORK
PROPOSED TURBINE LOCATION
EXISTING TRANSPOWER NATIONAL
GRIDLINES
PROPOSED STAGE 1 ROAD CENTRE AND
EDGE OF CARRIAGEWAY
EXISTING FENCE
POTENTIAL QUARRY SITE
POTENTIAL CLEANFILL SITE
EXISTING CULVERT
PROPOSED UPGRADED CULVERT

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Surface Analysis: Elevation Ranges

- Platform for Turbine
- Foundation, Crane Pad, and Storage Area = ALL IN CUT (NO FILL)
- Turbine Octagonal Foundation (Maximum Cross Fall of 3%)
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**Surface Analysis: Elevation Ranges**

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**Legend**
- **EXISTING PROPERTY BOUNDARY**
- **EXISTING TRANSPOWER NATIONAL GRID LINES**
- **EXISTING FENCE**
- **POTENTIAL QUARRY SITE**
- **POTENTIAL CLEANFILL SITE**
- **EXISTING CULVERT**
- **PROPOSED UPGRADED CULVERT**
- **EXISTING MAJOR CONTOUR**
- **EXISTING MINOR CONTOUR**
- **PROPOSED MAJOR CONTOUR**
- **PROPOSED MINOR CONTOUR**
- **EXTENT OF EARTHWORKS**
- **EXISTING TRANSFORMER NATIONAL GRID LINES**
- **PROPOSED STAGE 1 ROAD CENTRE AND EDGE OF CARREYWAY**
- **EXISTING TURBINE LOCATION**
- **PROPOSED TURBINE LOCATION**
- **PROPOSED TURBINE PLATFORM**
- **PLATFORM FOR TURBINE FOUNDATION, CRANE PAD AND STORAGE AREA - ALL CUT (NO FILL)**
- **18x18 CRANE PAD (MAXIMUM CROSS FALL OF 3%)**
- **26x26 OCTAGONAL TURBINE FOUNDATION (MAXIMUM CROSS FALL OF 3%)**
- **Surface Analysis: Elevation Ranges**

**Notes:**
- The surface analysis table shows elevation ranges for different numbered areas. The minimum and maximum elevations are given in meters.
- The map includes various symbols for different features such as boundaries, contours, and earthworks.
- The map is intended for informational purposes only and is based on an indicative survey.
- Elevations are relative to the Auckland 1946 vertical datum.
- The proposed road alignment, turbine platforms, and earthworks are subject to detailed design.
1. For information purposes only.

2. Boundaries, contours and other base information shown is indicative only and primarily informed by aerial Lidar survey by Synergy Positioning Systems Ltd in April 2016.

3. Coordinates shown are in terms of M EDWIN 2000 circuit and levels are relative to the Auckland 1946 vertical datum.

4. The proposed road alignment, turbine platforms and overall earthworks are based on an indicative road alignment and remain subject to detailed design.

LEGEND
- Existing property boundary
- Local area territorial boundary
- Existing major contour
- Existing minor contour
- Proposed major contour
- Proposed minor contour
- Extent of earthworks
- Proposed turbine location
- Existing Transpower National Gridlines
- Proposed Stage 1 road centre and edge of carriageway
- Existing fence
- Potential quarry site
- Potential cleanfill site
- Existing culvert
- Proposed upgraded culvert

Surface Analysis: Elevation Ranges

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TEKTUS Consultants Ltd
PO Box 80212 Green Bay
Auckland 0643 NZ
p. 09 827 1191
m. 021 1434 874
www.tektus.nz

VENTUS ENERGY (NZ) LTD
10/215 ROSEDALE ROAD, ALBANY
AUCKLAND 0632

SYNERGY POSITIONING SYSTEMS LTD
3/52 ARRENWAY DRIVE, ALBANY,
AUCKLAND 0632

KAIMAI WIND FARM
ROTOKOHU ROAD, PAEROA

PRELIMINARY CIVIL ENGINEERING
DRAWINGS

PROPOSED TURBINE PLATFORM
FOR TURBINE NO. 15

210-15
12/19
15.06.18
A

T15022
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