1. FOR INFORMATION PURPOSES ONLY.
2. BOUNDARIES, CONTOURS AND OTHER BASE INFORMATION SHOWN IS INDICATIVE ONLY AND PRIMARILY INFORMED BY AERIAL LASER SURVEY BY SYNERGY POSITIONING SYSTEMS LTD IN APRIL 2016.
3. COORDINATES SHOWN ARE IN TERMS OF MT EDEN 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 TURBINE SUBJECT TO DETAILED DESIGN. EROSION ESTIMATES BASED ON COMPARISON OF EXISTING & PROPOSED SURFACE LEVELS & DO NOT ACCOUNT FOR SUBGRADE CUT, BULKING OR COMPACTION FACTORS. OVERALL AREA & VOLUME ESTIMATES INCLUDE 20% CONTINGENCY FOR ADDITIONAL EARTHWORKS IF NECESSARY THROUGHOUT DESIGN.
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5. VOLUME ESTIMATES ARE BASED ON COMPARISON OF EXISTING SURFACE LEVELS AND PROPOSED SURFACE LEVELS. OVERALL AREA & VOLUME ESTIMATES INCLUDE 20% CONTINGENCY FOR ADDITIONAL EARTHWORKS IF NECESSARY THROUGH DETAILED DESIGN.

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AUCKLAND 0632

KAIMAI WIND FARM
ROTOKOHU ROAD, PAEROA

PRELIMINARY CIVIL ENGINEERING DRAWINGS

EROSION AND SEDIMENT CONTROL OVERVIEW DETAIL PLAN SHEET 7
NOTES

1. STRIP TOPSOIL AND PLACE IN LOCATIONS WITH "INDEPENDENT" EROSION AND SEDIMENT CONTROL CAN BE ESTABLISHED.
2. CUT AND COVER TO BE IMPLEMENTED WHERE AS CUT AND TILL OCCURS ALONG TRACK.
3. CUT AND TILL BATTERS TO BE STABILIZED WITH NATURAL ROCK MATERIALS OR MULCH AND VEGETATION.
4. BELOW TILL BATTERS FILTER SOCKS TO BE STRATEGICALLY PLACED AS NECESSARY.
5. SEDIMENT PITS TO BE ESTABLISHED TO COLLECT ROAD SURFACE RUNOFF AND DISCHARGE INTO SECONDARY EROSION ENVIRONMENT WHERE CONTAINMENT ALLOWS.
6. ALL SEDIMENT PITS TO BE INSTALLED IN DRY PERIOD AND ANY FLOWS TEMPORARILY DAMMED AND PUMPED TO RETAIN ACCESS TRACK WORKS.
7. STOCK EXCLUSION TO OCCUR DURING EARTHWORKS ACTIVITY.
8. ALL PRINCIPLES AS PER ESCP SECTION 5.8 TO APPLY.
9. DETAILED SSESCP TO BE ESTABLISHED PRIOR TO ANY EARTHWORKS OCCURRING.
10. THREE DIMENSIONAL EROSION AND SEDIMENT CONTROL GUIDELINES TO APPLY.
11. MONITORING TO OCCUR AS PER ESCP SECTION 11 WITH AN ADAPTIVE CONTINUOUS IMPROVEMENT APPROACH.

CONTOURS

- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING PARCEL BOUNDARY
- JACKSON PROPERTY BOUNDARY
- ROTOKOHU FARMS PROPERTY BOUNDARY
- DENIZE BROTHERS PROPERTY BOUNDARY
- HDC/MPDC TERRITORIAL BOUNDARY
- EXISTING TRANSPOWER NATIONAL GRID LINES
- PROPOSED ROAD CENTER LINE AND EDGE OF CARRIAGEWAY
- PROPOSED TURBINE LOCATION
- INDICATIVE QUARRY SITE
- INDICATIVE CLEANFILL SITE
- EXISTING FENCE
- STREAM (WRC REGIONAL MAP)
- POTENTIAL TEMPORARY STOCKPILE LOCATION
- SEDIMENT PITS TO COLLECT ROAD SURFACE RUNOFF AND DISCHARGE INTO SECONDARY EROSION ENVIRONMENT WHERE CONTAINMENT ALLOWS.

FLOWS

- INDICATIVE CLEAN WATER/STREAM FLOWS
- INDICATIVE DIRTY WATER FLOWS
- PROPOSED SUPERTFB TRENCH
- PROPOSED FILTER SOCKS
- PROPOSED GROIN DEFENCE DIVERSION
- PROPOSED DECANTING EARTH BUND
- PROPOSED SEDIMENT DETENTION POND
- PROPOSED SEDIMENT PIT
- PROPOSED NON-BIOCLAY BARRIER DAM
- INDICATIVE PUMPED FLOW
- INDICATIVE FLOW FROM PUMPING
- EXISTING SLOPE TRIANGLE GREATER THAN 25°

EROSION AND SEDIMENT CONTROL

- DETAIL SHEET 1 - ACCESS TRACK ESTABLISHMENT - INDICATIVE ONLY
- ADDITIONAL PLAN FOR S92 RESPONSE
- LT 05.10.18

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