

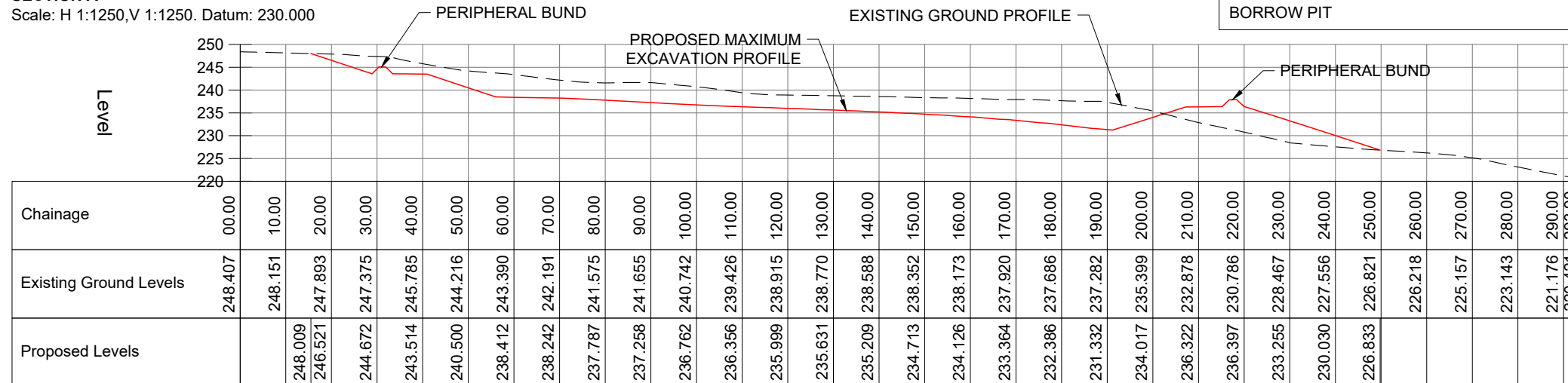
01 PLAN OF BORROW PIT

SCALE: 1:2000

Level	PROPOSED MAXIMUM EXCAVATION PROFILE																				PERIPHERAL BUND				
Chainage	EXISTING GROUND PROFILE																								
Existing Ground Levels	236.448	236.704	236.955	237.764	238.104	238.352	238.595	238.634	238.533	238.488	238.281	237.579	236.641	235.607	234.443	234.836	235.222	235.301	235.204	234.671	234.061	233.500			
Proposed Levels					235.807	235.667	235.497	235.307	235.172	235.043	234.897	234.775	234.715	234.476	234.476	234.497	235.144								

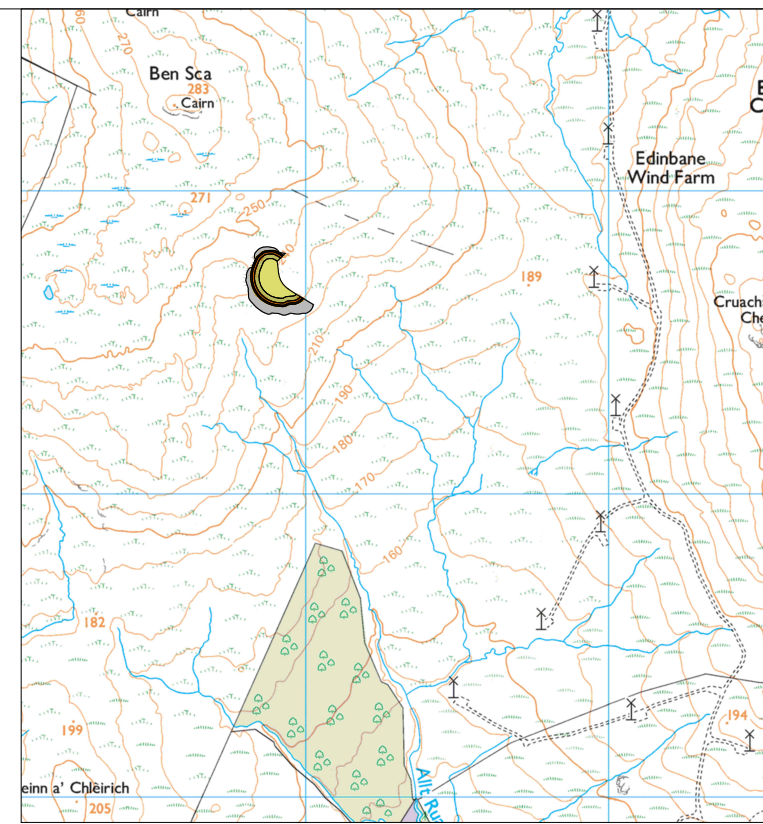
SECTION A

Scale: H 1:1250, V 1:1250. Datum: 230.000



SECTION B

Scale: H 1:1250, V 1:1250. Datum: 220.000



02 LOCATION PLAN

SCALE: 1:25000



TOTAL EXCAVATION VOLUME	31,848m³
OVERBURDEN VOLUME	8,545m³
NET STONE VOLUME	23,303m³
PERIPHERAL BUND FILL	9,126m³
NET STONE TONNAGE	46,606T
EXCAVATION AREA	8,545m²
EXCAVATION METHOD REQUIRED	DIGGING, DRILLING AND BLASTING
INFERRED DESIGN PARAMETERS	63 DEGREE FACES THROUGH COMPETENT ROCK MAXIMUM FACE HEIGHT OF 5.9m FINAL BENCH WIDTH OF 7.5m 1.5m HIGH PERIPHERAL BUND
CO-ORDINATES FOR CENTRE OF BORROW PIT	E: 133883 N: 846710

- NOTES**
- OVERBURDEN ASSUMED TO BE CIRCA 1M IN THICKNESS COMPRISING SOILS AND WEATHERED ROCK.
 - INITIAL STRIPPED OVERBURDEN TO BE PLACED IN PERIPHERAL BUND, WITH SUBSEQUENT OVERBURDEN AND WASTE MATERIALS TO BE STOCKPILED WITHIN FLAT BASAL AREA OF BORROW PIT PRIOR TO BEING USED IN RESTORATION.
 - DESIGN PARAMETERS ARE INDICATIVE AND SHOULD BE REFINED BASED UPON FINDINGS OF GROUND INVESTIGATIONS AND/OR INITIAL EXCAVATIONS, TAKING INTO ACCOUNT GROUND CONDITIONS AND HYDROLOGICAL ISSUES.
 - ASSUMES INSITU CONVERSION FACTOR OF 2 TONNES PER m³.

- LEGEND**
- BENCH/BASE OF EXCAVATION
 - EXCAVATION BATTER
 - PERIPHERAL BUND
 - BENCH
 - EARTHWORK SLOPES

BALMEANACH WIND FARM LIMITED

4/5 LOCHSIDE VIEW
EDINBURGH PARK
EDINBURGH
EH12 9DH
T: +44 (0)131 335 6830
www.slrconsulting.com

SLR

BALMEANACH WIND FARM - EIA
DESCRIPTION OF DEVELOPMENT
BORROW PIT 2
FIGURE 3.11B

Scale AS NOTED @ A3 Date MAY 2023

428.V11223.00001.FIG3.11B_Borrow_Pit_2.dwg