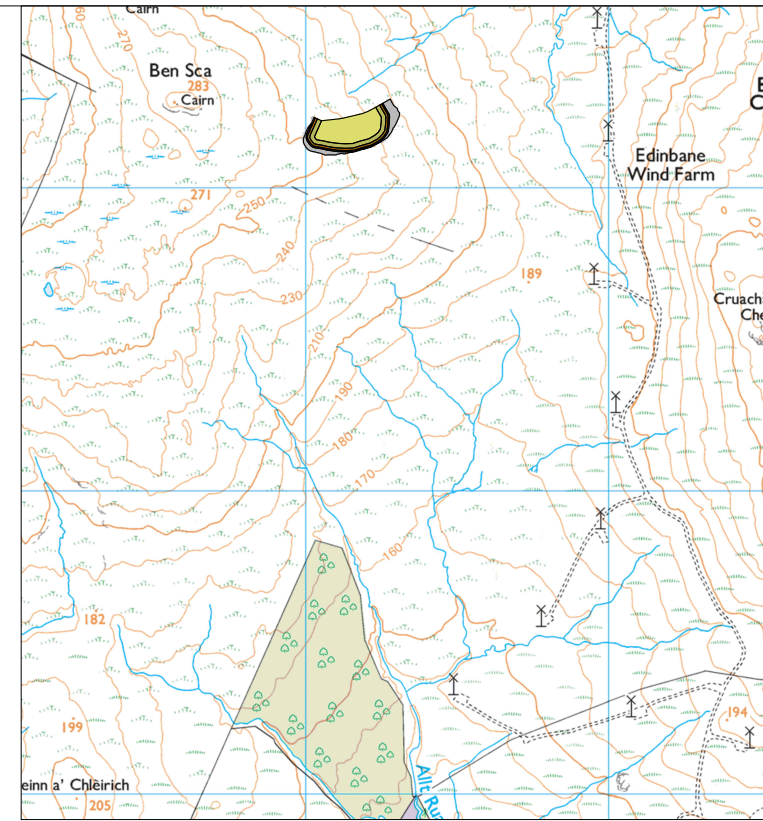


01 | PLAN OF BORROW PIT
SCALE: 1:2000



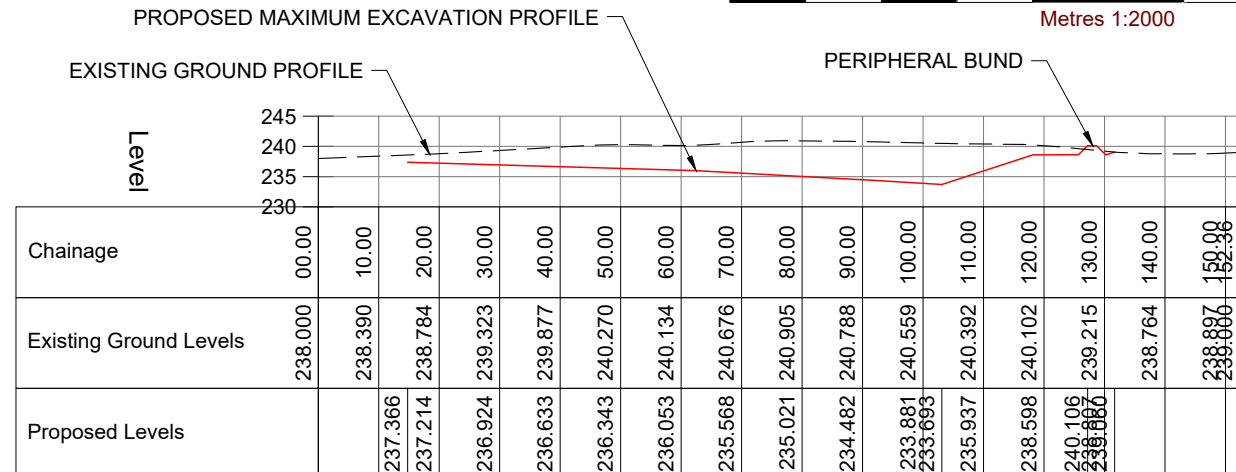
02 | LOCATION PLAN
SCALE: 1:25000



- 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.

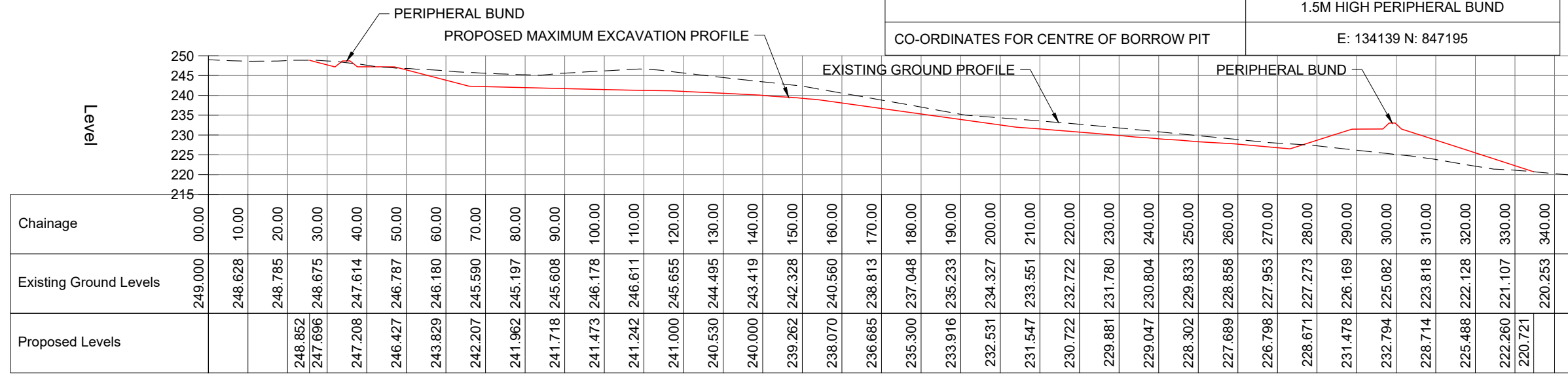
LEGEND

	BENCH/BASE OF EXCAVATION
	EXCAVATION BATTER
	PERIPHERAL BUND
	BENCH
	EARTHWORK SLOPES



TOTAL EXCAVATION VOLUME	74,121m ³
OVERBURDEN VOLUME	17,055m ³
NET STONE VOLUME	57,066m ³
PERIPHERAL BUND FILL	5,478m ³
NET STONE TONNAGE	114,132T
EXCAVATION AREA	17,055m ²
EXCAVATION METHOD REQUIRED	DIGGING, DRILLING AND BLASTING
INFERRED DESIGN PARAMETERS	63 DEGREE FACES THROUGH COMPETENT ROCK MAXIMUM FACE HEIGHT OF 6.8m FINAL BENCH WIDTH OF 7.5m 1.5M HIGH PERIPHERAL BUND
CO-ORDINATES FOR CENTRE OF BORROW PIT	E: 134139 N: 847195

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



SECTION B
Scale: H 1:1250, V 1:1250. Datum: 215.000

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BALMEANACH WIND FARM - EIA
DESCRIPTION OF DEVELOPMENT
BORROW PIT 1
FIGURE 3.11A

Scale AS NOTED @ A3 Date MAY 2023

428.V11223.00001.FIG3.11A_Borrow_Pit_1.dwg