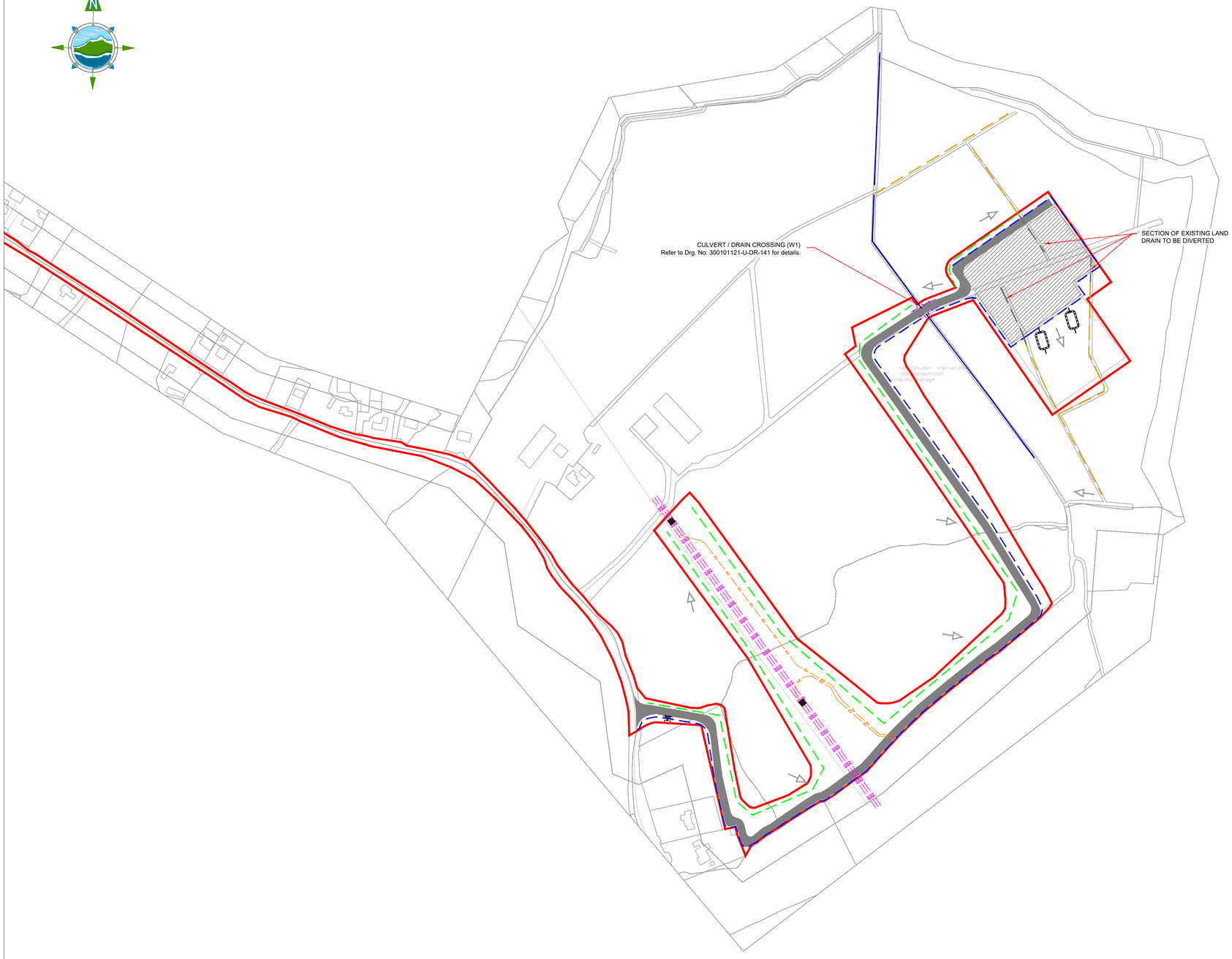


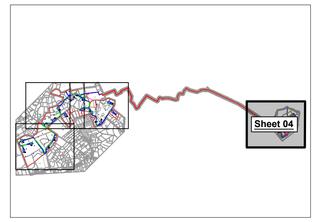
GENERAL LEGEND

APPLICATION BOUNDARY
PROPOSED PERMANENT ACCESS TRACK
PROPOSED TURBINE HARDSTAND
PROPOSED TURBINE LOCATION
PROPOSED SURFACE WATER DRAINAGE
PROPOSED FRENCH DRAIN
SURFACE WATER SETTLEMENT POND
PROPOSED SILT FENCE
EXISTING LAND DRAIN
EXISTING LAND DRAIN TO BE DIVERTED
EXISTING WATERCOURSE / STREAM
SURFACE WATER FLOW DIRECTION

NOTE :

For GCR cable drainage crossing details refer to surface water management plan and drawing 300101121-U-DR-141.

KEY PLAN



NOTES :

1. DRAWINGS FOR PLANNING PURPOSES ONLY.
2. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING.
3. GRID REFERENCES TO ITM.
4. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD

Co. Mayo
Tailte Éireann 1:5,000 Sheet No's: 4636, 4637, 4696 & 4697.

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Rev	Date	Description	By	Chkd.
A	20.10.26	PLANNING ISSUE	JR	JD

Client: ROOAUNALAGHTA Green Energy

Project:

ROOAUNALAGHTA
GREEN ENERGY PROJECT

Title:

DRAINAGE
SITE LAYOUT PLAN
- Sheet 4 of 4 -

Scale @ A1: 1:2,500

Prepared by:	Checked by:	Date:
J. Ryan	J. Dillon	October 2026

Drawing Status: Planning

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Drawing No.: 11981-2044
Revision: A

Notes:

1. Intercept drainage and SuDS measures to be constructed prior to access tracks.
2. Access tracks design and construction to Engineer's Specification.
3. Check dams will be installed within drainage ditches located within the proposed development site boundary. Check dams will be keyed 200mm into the drain. Well graded stone will be used to complete the check dam to a height of 500 to 750 mm above the invert of the swale/drain. Aggregate size for stone check dams will be between 10-40mm clean stone.
4. Frequency of check dams to increase where slope is >2%. An area of 1.2m downstream will be protected to dissipate energy from the dam using geotextile and 100mm stone.
5. Regular cross drains / discharge to field ditches will be required to transfer / discharge surface water in interceptor drains to suitable field drain outfall points. Locations of cross drains to be agreed with the Engineer on site. Surface water will not be allowed to discharge directly into existing watercourses.
6. Swales to have a side slope of between 1 : 1 to 1 : 3 depending upon depth of swale/ditch and soil type. Swales will be re-vegetated with local species.
7. Drainage swales / ditches to be excavated adjacent to the access tracks. Regular cross drains to be located along access tracks to prevent excessive volumes of water collecting in the swales.
8. Settlement ponds to be constructed for silt removal at turbine bases, substation and borrow pits. Pond sizes depends on catchment area served.
9. Interim measures such as the placement of straw bales/silt fencing/or similar approved method or additional check dams and silt fences.
10. Siltbuster to be available on-site for use as required at borrow pit, substation or turbine bases.
11. Silt fences to be used also around spoil to mitigate silt runoff. silt fences may be removed when suitable vegetation cover is established