

Tushaline Sahseetharan

From: John Staunton <john.staunton@tobin.ie>
Sent: Tuesday, September 1, 2026 10:06 AM
To: SIDS
Cc: Lydia Gurley
Subject: RE: ACP-324133-26 - 2nd Meeting - Roaunaghtha Green Energy Project
Attachments: 11981-003-GCR-S.BO-TOB-A.pdf; 11981-002-S.LAY-S.BO-TOB-A.pdf

Follow Up Flag: Follow up
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Categories: Niamh

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Hi Niamh,

As requested in the call yesterday, please see below the latest project description (subject to change but it should be quite similar):

A summary of the proposed project is as follows:

- 13 no. wind turbines with a blade tip height of 150 m, a rotor diameter of 136 m, a hub height of 82 m, and all associated foundations and hard-standing areas in respect of each turbine;
- Creation of two new site entrances onto the R334 Regional Road;
- Construction of two temporary construction compounds with associated temporary site offices, parking areas and security fencing;
- One borrow pit. All works associated with the opening, aggregate and spoil extraction, and decommissioning of the borrow pit;
- Construction of new internal site access tracks, to include passing bays and all associated drainage;
- Construction of a temporary new access track to connect to the adjacent operating quarry;
- Construction of drainage and sediment control systems;
- Construction of new on-site control building
- Construction of one permanent loop-in 110 kV electrical substation compound including
 - o One control building containing worker welfare facilities;
 - o Electrical infrastructure and grid ancillary services equipment
 - o Parking
 - o Lighting
 - o Fencing
 - o Wastewater holding tank
 - o Rainwater harvesting equipment
 - o Communications equipment and storage
 - o Associated electrical plant
 - o All associated infrastructure, services, and site works including landscaping
- All works associated with the connection of the proposed wind farm to the proposed 110 kV loop-in substation, which will be via 33 kV underground cable connection, including 4 no. watercourse crossings, and the onward connection from the substation to the existing overhead line via 110kV cables and steel lattice interface masts;

- All associated underground electrical and communications cabling connecting the wind turbines to the proposed wind farm control building;
- All associated infrastructure and services including site works and signage;
- Construction of a lidar unit, and associated foundation and hard-standing area;
- All related site works and ancillary development including site drainage, security gates, fencing, permanent and temporary signage, berms, landscaping, soil excavation and biodiversity mitigation and enhancements, including hedgerow and tree planting;
- Works required at one location along the public road network to accommodate delivery of oversize/abnormal turbine components in addition to temporary demounting of signage and vegetation trimming at other locations.

I have also attached a figure of the proposed wind farm site layout and the proposed GCR (to the proposed 110 kV substation which will loop into the adjacent overhead line) as mentioned. If you need anything else please let me know.

Thank you for all your assistance.

Kind regards,

John

John Staunton PhD. CEnv.
Associate Director

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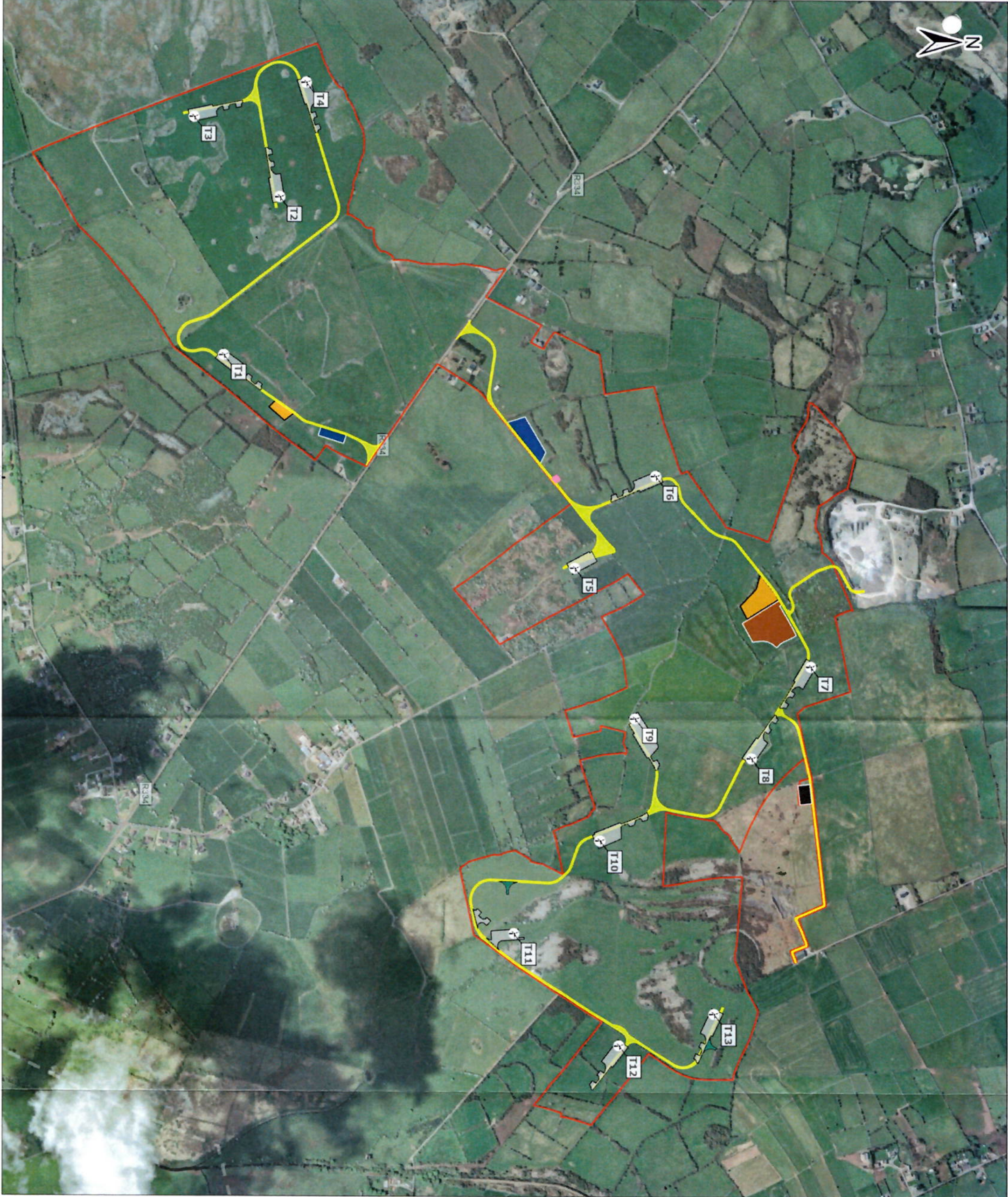
2024 Engineering Excellence Awards Winner: Environmental Engineering Project of the Year
2022 Engineers Ireland Awards Winner: CPD Employer of the Year
2022 Association of Consulting Engineers of Ireland Awards Winner: Innovation
2020 Association of Consulting Engineers of Ireland Awards Winner: Project Management
2019 Association of Consulting Engineers of Ireland Awards Winner: Design Excellence (Structures)

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Cc: Lydia Gurley <Lydia.Gurley@tobin.ie>
Subject: RE: ACP-324133-26 - 2nd Meeting - Roaunalaghta Green Energy Project

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Legend

- Proposed wind farm site
- Turbine Locations
- Site Layout
- Borrow Pit
- Temporary Construction Compounds
- Temporary Spoil Deposition Area
- Site Access Track
- Turbine Hardstands
- Proposed Lidar Unit
- Onsite Control Building
- Turning Head



Spatial Reference
Datum: IRENE195
EPSG: 2157
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A	04/06/2020	First issue	K.K.	J.S.	
Rev	Date	Description	By	Chd	



Client

Rooaunalaghta Green Energy Project

Title

Figure 2-1:
Site Layout

Scale @ A3	1:10,000	
Prepared by	Checked by	Date
K Kale	J Staunton	June 2026



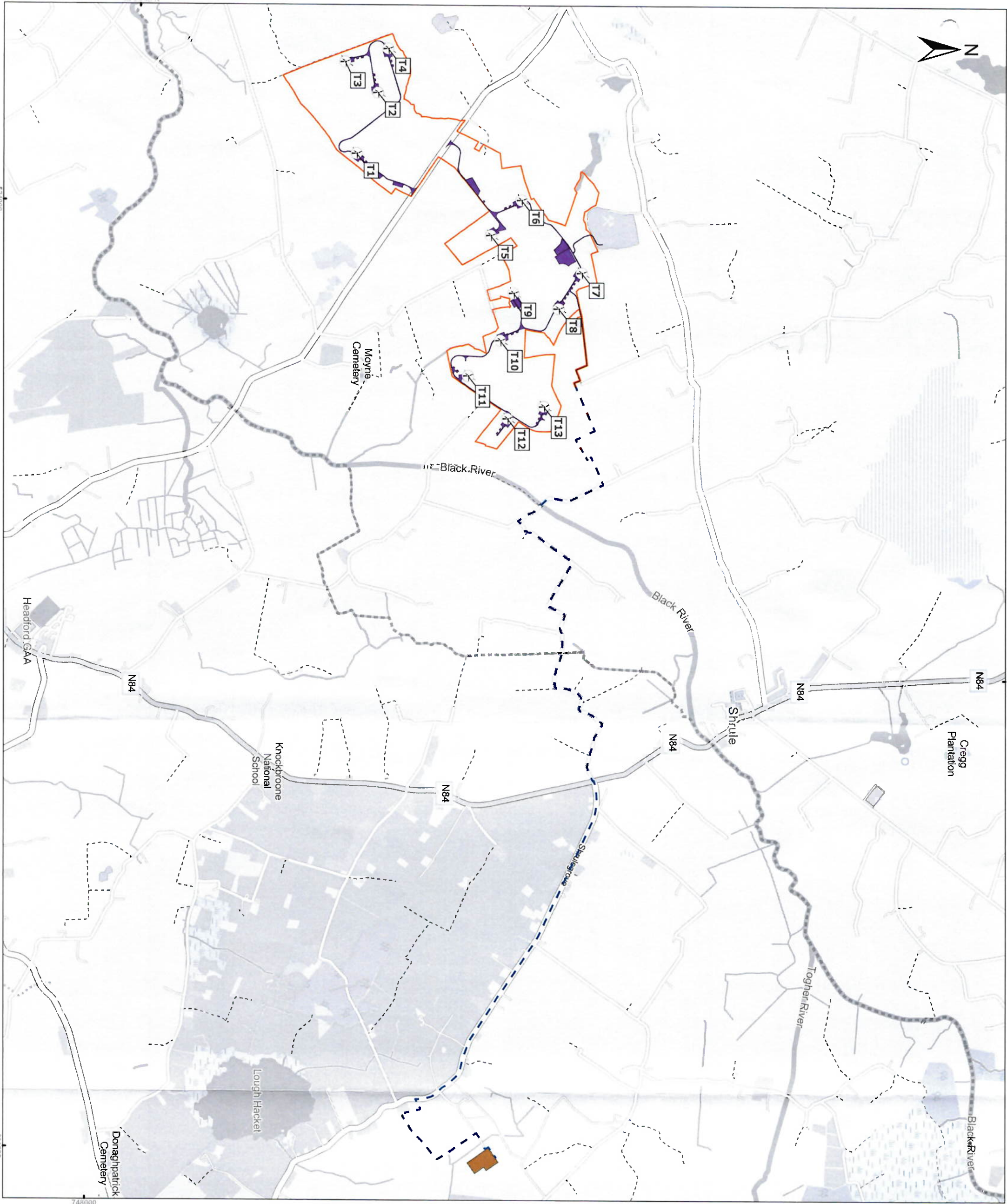
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Map Ref

11981-002-S-LAY-S-BO-TOB-A

Draft

A



- Legend**
- Proposed wind farm site
 - Turbine Locations
 - Proposed Grid Connection Route
 - Site Layout Footprint



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Datum: IRENET95		Sources: Map data © OpenStreetMap contributors, Microsoft, Esri Community Maps contributors, Map data by Esri, ©	
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A	09/07/2026	First Issue	S.P. J.S.
Rev	Date	Description	By Chd

Client:

ROOAUNALAGHTA
Green Energy

Project:

Rooaunalaghta Green Energy Project

Title:

Figure 2-2:
Grid Connection Route

Scale @ A3	1:26,000	
Prepared by:	Checked by:	Date:
S. Pezetta	J. Staunton	July 2026



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