Open Cycle Gas Turbine (OCGT) Plant at Barrigone Quarry Site, Co. Limerick.

Engineering Preliminary Report for SID Determination Request | June 2026

KPMG

ROD
ROUGHAN & O'DONOVAN

Open Cycle Gas Turbine (OCGT) at Barrigone Quarry Site, Co. Limerick.

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Document No: OCGT-ROD-BAR-XX-RP-CE-0001

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Approver:..... Eoin Ó Catháin (EÓC)

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S2 - Information	P01	Issued for SID Determination Request	LF/FQ	SK	EÓC	03/06/2026

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Engineering Preliminary Report for SID Determination Request

TABLE OF CONTENTS

1. INTRODUCTION

Roughan & O'Donovan (ROD) have been instructed by KPMG, on behalf of Cultaca Ltd. to provide civil, structural and electrical engineering services in relation to a proposed development of an Open Cycle Gas Turbine (OCGT) electricity generating plant with a gross electrical output of up to 385MW along with all associated buildings, plant, site works, services and all ancillary development at the existing Barrigone Quarry Site, Co. Limerick.

2. EXISTING INFORMATION

2.1 Topographical Survey

The proposed site is an existing quarry featuring excavation depths below the vegetation within the surrounding landscape. A topographical survey was undertaken by ASM Geospatial in May 2026. At the access to the site from the north, the ground banks up from 12mOD along the N69 to a maximum elevation of 20mOD over an approximate distance of 318m in a southernly direction. The access to the site then banks from 20mOD to 11mOD in a southernly direction. The land varies from 11mOD to 15mOD centrally on site, with a series of stockpiled stone material located at various areas within the site. A depression water volume is located to the north of the site, where ground water accumulates at times of heavy rainfall. Steep banks exist to all sides of the site, varying in height from +20-30m.

Internal access roads are located within the northern end of the quarry, where the level varies from 12mOD to 25mOD along the internal road in a north and north-westerly direction. The internal access roads within the quarry tie into the N69 National Road, north of the site.

Refer to Appendix A for the Topographic Survey.

2.2 Services

Existing service record requests were undertaken in the area surrounding the site which confirmed a limited number of services due to the remote location of the site. Existing records indicate Uisce Éireann, ESB, Gas Network Ireland and Eir services in proximity of the site.

Uisce Éireann records indicate watermains along the N69, approximately 850m west of the site. No foul network is indicated in the surrounding network.

ESB records indicate Medium Voltage overhead lines are approximately 250m west of the site, and traverse in a north-east direction and then continues in a northerly direction, south of the N69, north of the site.

Gas Network Ireland records shows a high pressure 750mm diameter ST 85 bar pipe approximately 850m west of the site, adjacent to the N69. The records also show a 110kv line approximately 450m east of the site

Eir services are located north of the site along the N69 National Road, circa 420m from the site. The Eir services traverse in a easterly direction, and in a northerly direction along the L1234 Glenbane East Road approximately 850m west of the site.

Refer to Appendix B for the Existing Records.

2.3 Ground Information

Existing ground information was made available for the site which indicates that the site is within an area dominated by shallow, well-drained, mainly basic mineral soils. The soil and

subsoil within the eastern section of the quarry have been stripped as part of the previous and ongoing quarry works. Bedrock is visible on the sites surrounding perimeter shear rock face ranging from +20-30m in height. Existing borehole information indicates Limestone to a depth of between -5m and -30m below existing ground level

The GSI database shows the existing bedrock to be composed of limestone. The site is located near the Lower River Shannon; however, no watercourses are present within the site of the Proposed Development.

The groundwater vulnerability of the site location is classed as extreme (X). This indicates the ease at which groundwater may be contaminated by human activity. Care to be taken in the design to mitigate the risk through inception of surface water, and treatment prior to out falling to the ground.

3. PROPOSED SURVEYS

3.1 Ground Investigation

Further ground investigations may be required to provide additional information regarding the ground conditions within the proposed development area.

3.2 Hydrant Survey

Uisce Éireann records do not show evidence of any fire hydrants on the nearby watermain network within the vicinity of the site, hence a hydrant survey would not be required.

3.3 Well Survey

A well survey maybe required to determine the most feasible location for on-site water extraction to serve the site, should connection to existing Uisce Éireann infrastructure be unfeasible. This will also be used to determine the permeability of the ground for design of a drainage soakaway for the development.

3.4 Traffic Survey

An existing access road to the site is located off the N69. The N69 has a speed limit of 100km/h and provides connectivity to Foynes Port and Limerick City. A traffic survey may be required on the N69.

Figure 3-1 Surrounding Road Network

It is assumed that the overall traffic impact the site will be negligible on the surrounding road environment and well within the thresholds defined by TII, where 'Traffic to and from the development exceeds 10% of the traffic flow on the adjoining road', and 'Traffic to and from the development exceeds 5% of the traffic flow on the adjoining road where congestion exists or the location is sensitive. However, a traffic and transport assessment will be submitted as part of the planning documents.

Analysis of the construction traffic impact will be undertaken, as this will be the period when traffic to and from the site will be at its highest. The day to day running of the plant will have minimal impact on the surrounding road network. Confirmation of visitor and worker numbers will be confirmed as the design progresses.

At this stage, the haul route has been identified to be through the Foynes Port, approximately 6km north-west of the site. Construction traffic for the development is estimated to peak at approximately 150no. staff on site at any one time. Operational Staff will include 3 or 4no. staff on site, which is a reduced amount in comparison to the previous site use, i.e., typical quarry operation works.

3.5 Ecological and Environmental Survey

Ecological surveys are required to detect the presence or likely presence of rare or threatened, protected and invasive species and to record the habitats present in the study area. The surveys will inform the baseline information regarding the existing ecology of the study area.

An initial assessment of the site, based on desktop data and satellite imagery, recommends surveys for the following be undertaken:

- Habitats and Invasive Species, including Annex I habitats
- Non-Volent Terrestrial Mammals
- Daytime Bat Walkover
- Bat Activity
- Wintering Birds

- Breeding Birds
- Amphibians and Reptiles

Scoping for surveys may be adjusted following the completion of an initial ecological site walkover. Some surveys listed above may be scoped out, while other surveys for features of ecological interest not visible from desktop data, may be scoped in. The timing for each of these surveys is presented in Table 3-1, based on '*Guidelines on Ecological Surveying Techniques for Protected Flora and Fauna on National Road Schemes'* (TII, 2008) and '*Bat Surveys for Professional Ecologists: Good Practice Guidelines (4th Ed.)'* (Collins, 2023).

The site is located directly adjacent to Barrigone Special Area of Conservation (SAC) which surrounds the boundary to the north, east, and west. Due to the close proximity of the works to the SAC, there is potential for impacts on the Qualifying Interests (QI) for which this European site is designated.

The River Shannon and River Fergus Estuaries SPA is located at least 857m west of the site. While it does not appear that there is suitable habitat for the QI species of the River Shannon and River Fergus Estuaries SPA on the site of the proposed development, these are mobile species and have the potential to be present in suitable habitat surrounding the proposed development site. Therefore, there is potential for ex situ impacts on the QIs for which this European site is designated.

The Glenbane West Stream runs in a westerly direction north of the proposed development site, on the opposite side of the N69 National Road to the proposed development site. This watercourse discharges into the River Ahacronane, a tributary of the River Shannon. Although there are no watercourses on the proposed development site, there is potential that the proposed development site is hydrologically connected to this watercourse via surface water runoff.

In addition, the superficial deposits consist of Karstified bedrock outcrop. This subsoil type can allow water to permeate easily through, providing direct pathways to the aquifer. The bedrock geology consists of Waulsortian Limestones which is characterised as an effective aquifer. As such, there are also potential for groundwater impacts to the surrounding environment, as a result of the proposed development.

Table 3-1 Indicative Survey Timings

Survey window for surveys scoped in during the desktop study (TII, 2008)												
	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May
Habitats & Invasive species												
Non-volent Terrestrial Mammals												
Bats												
Wintering Birds												
Breeding birds												
Amphibians												
Reptiles												

4. DRAINAGE

4.1 Surface Water Drainage Methodology

The surface water from the site and access road will be dealt with through a series of gullies, filter drains, and where feasible, Sustainable Urban Drainage System (SuDS) incorporated into landscaping features as part of the proposed development.

A detention basin will likely be utilised to outfall surface water from selected areas which have risk of contamination prior to discharging from the overall site. The use of a penstock will be considered to provide a method to stop the flow of surface water from the site, should the site be subject to pollutants or fire fighting runoff. This detention basin will be designed to accommodate adequate storage for a storm period and a fire fighting scenario without allowing any discharge from the overall site.

The most feasible location for the surface water to be discharged will be assessed. At this stage, it is assumed that the proposed development will drain into a soakaway, as is seen with surrounding properties, as there is no evidence of public surface water drainage networks in the vicinity of the site due to its remote location.

4.1.1 SuDS Features

SuDS features will be utilised to reduce the runoff from the site, generated when rainwater cannot infiltrate into the ground, as would be the case with the proposed roads, roofs and footpaths in the proposed development.

To reduce the overall runoff from the site, a series of SuDS measures are being designed and incorporated into the proposed development.

These include the following:

1. Permeable Paving: Permeable paving can be provided within parking bays within the site. This can provide additional surface water storage before connecting to the surface water network via filter drains.
2. Filter Drains: Filter Drains are proposed for the new car park development, all of which run alongside the permeable paving proposed within the car parking bays. They will allow water to be clean, stored and conveyed further into the surface water network.
3. Hydrobrake: A hydrobrake is proposed in one of the final manholes development to limit discharge from the site to the existing greenfield run off rate from the site before development.
4. Soakaway: A soakaway will likely be utilised to permeate all surface water outfalling from the site into the existing ground on the perimeter of the site. The suitability of which and size will be confirmed following review of the existing soil permeability properties borne from existing information and further testing on site as required.

The SuDS System will be designed to ensure constructability (easy and safe construction), maintainability (easy and safe maintenance), cost-effectiveness and health and safety.

While the SuDS measures used will reduce the runoff rate from the site, any remaining water will be discharged appropriately, to ensure no flooding will occur either within the site or within the surrounding environment as a result of the proposed development.

4.2 Foul Drainage Network

Uisce Eireann records show no evidence of any foul drainage network pipelines within the proximity of the site. Hence, to accommodate foul drainage from the development on site treatment facilities will be utilised, design of which will form part of the planning submission. This will be designed in accordance with the latest Limerick Development Plan and EPA Standards.

A Pre-Connection Enquiry will be prepared for the proposed development and submitted to Uisce Eireann should the development consider a pumped foul network to the nearest foul public drainage system.

4.3 Watermain Network

The watermain for the development will likely aim to utilise the closest connection to the public watermain network. Uisce Eireann records indicate that an closest watermain is located within the access road that leads to the proposed development site off the N69, north of the site.

A Pre-Connection Enquiry will be prepared for the proposed development and submitted to Uisce Eireann.

5. TRAFFIC

5.1 Access Road

The OCGT site will be accessed via the N69. An existing access road to the north of the site is in suitable condition, connecting the site to the N69. No new access roads will be required.

The topographical survey shows the access road to range from approximately 13 – 22mOD. The road rises towards the quarry over a distance of roughly 150m.

As part of the civil engineering works, the entrance to the OCGT plant will be designed to allow safe ingress and egress from the site. A Road Safety Audit was carried out by Traffico Road Safety Engineering as part of a previous planning application within the site. Issues regarding traffic overshoots as well as undergrowth in verges at the entrance to the site was highlighted. The items raised will be reviewed as part of this submission.

5.2 Proposed Car Park

A car park will be designed in line with the latest Limerick County Council Development plan to serve the site.

6. ECOLOGICAL AND ENVIRONMENTAL ASSESSMENTS

The ecological and environmental assessments for the OCGT site include reviewing existing information available for the site. The existing information, as included in previous planning applications in the vicinity of the site are as follows;

- Infill and Restoration of the Existing Quarry Site (Planning Reference: 2560020).
    - Ecological walkover survey
    - Habitat in accordance with the Heritage Council *"Guide to Habitats in Ireland"*
    - Invasive species
    - Bats: PRA, NBW, Statistics
    - Badger survey
    - Otter survey

- Peregrine & Sand Martin Breeding Surveys

As part of the planning submission, the environmental and ecological assessments to be included are as follows.

- AA Screening: Appropriate Assessment Screening is required for any planning application. The AA Screening will look at the proposed development would have an impact on the species and habitats present within the site.
- NIS: Depending on the findings of the AA screening, a Natura Impact Statement may be required. The NIS would further inform the impact the proposed development would have on the habitats and mitigation measures which would be required.
- EIA Screening Report: The Environmental Impact Assessment Screening Report assesses the impact the proposed development may have on habitats and species not covered under the Appropriate Assessment process. This includes, but is not limited to badger, nesting birds, amphibians and reptiles. Other environmental factors, such as air quality, hydrogeology and human health, among others, are assessed as part of the EIA Screening process.
- EIAR: The Environmental Impact Assessment Report follows on from the EIA Screening Report and provides mitigation measures on any issued found in the EIA Screening report.
- Surveys; A series of site visits will be carried out to inform the assessment and design of the project, as outlined in Section 3.5. Due to the close proximity of the site to the Barrigone SAC, targeted Annex I surveys are required. Due to the distance to the River Shannon and River Fergus Estuaries SPA there is potential for ex situ impacts to wintering birds, which may be present outside the SPA boundary and in the vicinity of the proposed development.

7. STRUCTURE

7.1 Building Structure

As mentioned above, an initial assessment of the site shows that the site is underlain by Karstified bedrock. Due to the existing underlain ground conditions, foundations laid directly onto rock will be considered the most appropriate to reduce the need for rock excavation and to utilise the existing bedrock. This would likely involve leanmix under pad and strip foundations. This will be reviewed further as the design progresses.

Modern methods of construction will be used in the construction of the site, and where possible, construction will take place off site to minimise the disruption caused by construction activities to the surrounding residents.

8. ELECTRICAL CONNECTION

8.1 Existing Electrical Connections

The existing electrical connections are to be reviewed as part of the planning submission.

8.2 Proposed Electrical Connections

A new electrical connection will be provided as part of a separate submission for the development, including the construction of a new EirGrid 220 kV substation in accordance with EirGrid standards, in compliance with national grid requirements. The proposed electrical connections are to be confirmed and will be reviewed as part of the planning submission.

9. GAS

The primary fuel source for the Plant will be by natural gas, with secondary distillate (gas oil) back up for resilience and testing. Gas connections to the site were determined to vary from 2 to 5km from the site, depending on the route taken to the existing large capacity gas network pipeline to accommodate the OCGT Plant.

The exact route taken will be determined nearer to the time of lodgement and will be submitted as a separate complementary application. However, the connection will be reviewed as part of the AA Screening undertaken by the environmental team.

A preliminary desktop assessment of existing records shows the Gas Network Ireland network in vicinity of the site, as seen below in Figure 9-1.

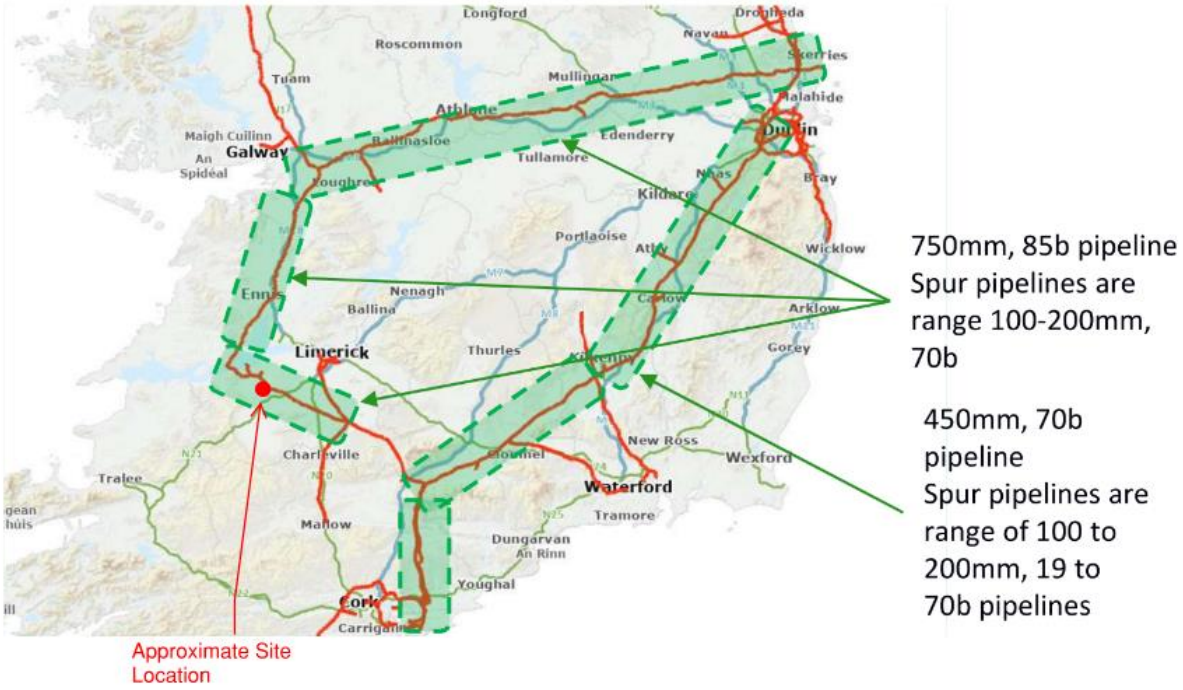


Figure 9-1 Gas Network Ireland Map

10. ENGINEERING OUTPUTS

10.1 Engineering Planning Report

An Engineering Planning Report will be prepared to form part of the planning application to set out the civil and structural engineering basis for the planning stage design of the scheme in terms of the water supply to the site, the surface water and foul water drainage as well as defining all site information in terms of site locations, site topography, site access and site geology.

10.2 Traffic and Transport Assessment

As mentioned above, though it is assumed that the proposed development will have an impact on the surrounding road environment, within the threshold TII has set. A Traffic and Transport Assessment will still be carried out as part of the planning submission. This report will consider the estimated traffic volumes and traffic impacts resultant from the proposed development both during the construction phase and during operation and maintenance.

10.3 Construction Management Plan

The Preliminary Construction & Environmental Management Plan (PCEMP) will be prepared to outline the envisaged procedures, sequencing, construction methodology and environmental control measures anticipated by the Project Team engaged in the planning, liaison, and construction of the proposed development. The plan outlines proposals on traffic and environmental management measures to be adopted during construction.

The appointed construction Contractor will prepare and be responsible for implementing the Final Construction & Environmental Management Plan for the Construction period. This document is designed to be a live document which will eventually address how any planning conditions imposed on the project will be managed or discharged by the construction team.

The CEMP will incorporate 3 main elements:

1. Description of the construction of the development.
2. Traffic management considerations.
3. Environmental management considerations, including demolition waste management.

10.4 Environmental Reporting

Environmental reporting will be undertaken by the environmental team, complete with site visits and environmental assessments, exploring the impact of the proposed development on the surrounding environment. Environmental findings would be added to the ecological reports as follows:

- AA Screening
- NIS
- EIA Screening Report
- EIAR

Refer to Section 6: Ecological and Environmental Assessments for further information.

10.5 Electrical Design

Electrical design will be undertaken by ROD.

10.6 Site Development Design

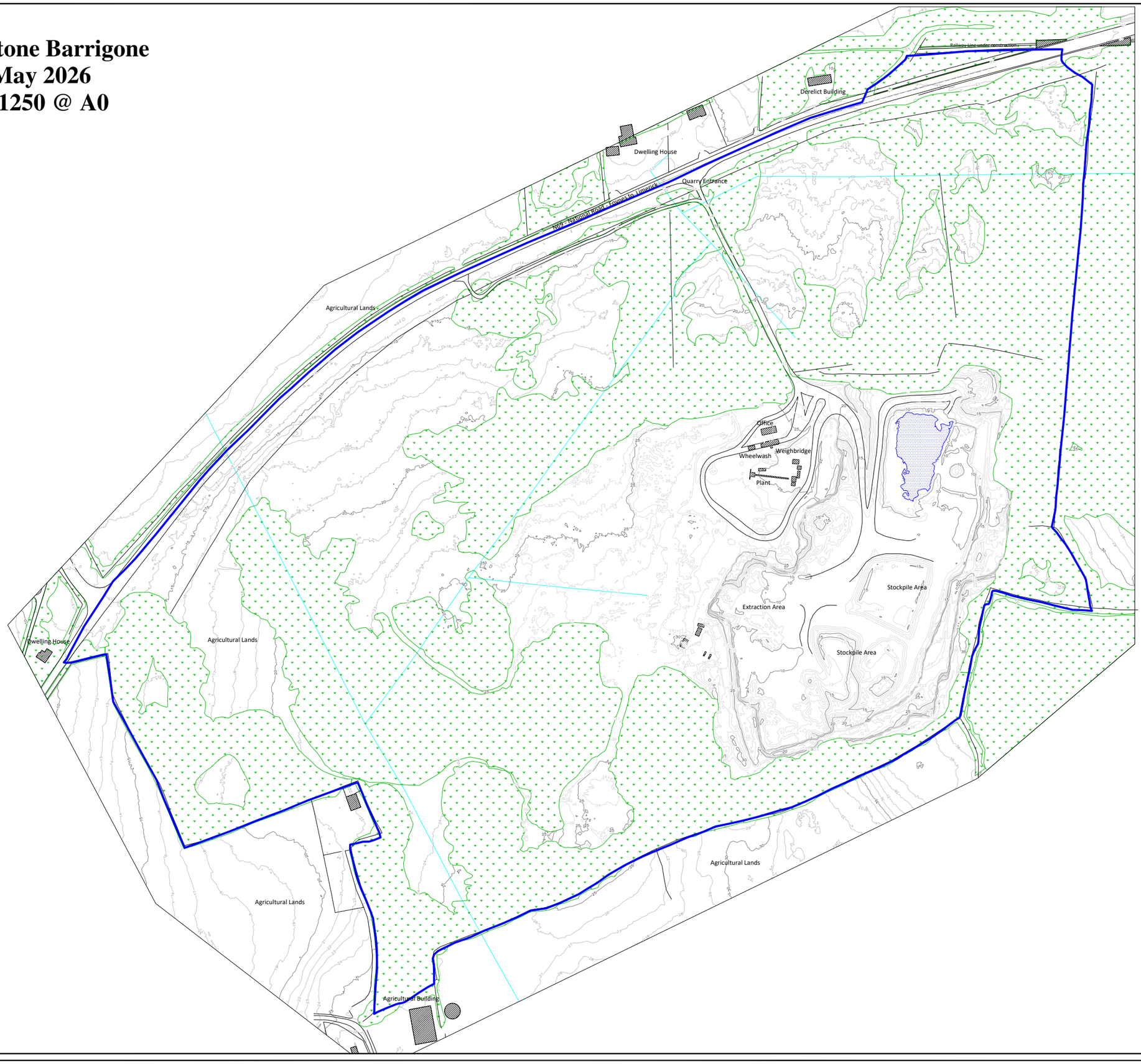
The site development design of the proposed development, as well as all ancillary works will be undertaken by ROD.

10.7 Lighting Design

The lighting design will be undertaken by ROD, with liaison with the appointed M&E Engineer.

APPENDIX A
TOPOGRAPHICAL SURVEY

Roadstone Barrigone
May 2026
1: 1250 @ A0



N

Legend

- Roadstone Barrigone Boundary
- Roads, Buildings, Fence Lines
- Dense Vegetation & Forestry
- Major Contours (Every 5m)
- Intermediate 1m Contours
- Power Lines
- Water

Survey completed on 6th May 2026
to ITM and Malin Head Datum
by ASM Ireland

Notes;

All dimensions are in metres u.n.o,
Datum: Malin Head
Grid: ITM

This drawing was prepared for the purpose of making a planning application. It does not pertain to show all information required for compliance wth building regulations and does not pertain to show construction information for the purposes of costing and/or construction.

REVISIONS	AMENDMENTS	DRAWN	DATE

Not For Construction Unless Stamped Accordingly — A0

ASM Geospatial
Aradgh, Co. Limerick
info@asmgeospatial.ie www.asmgeospatial.ie

Roadstone
A CRH COMPANY

PROJECT:-	Roadstone Barrigone, Co. Limerick 1m Contour Map
DRAWING:-	May 2026 Layout & 1m Contour Map
ISSUED PLANNING:-	**DATE:-** 13th May 2026
	DRAWN:- A.O.C
SCALE:- 1:1250 @ A0	**CHECKED:-** P.G.
DRAWING No:-	RSBARRI26 - A0 - 001

APPENDIX B
EXISTING RECORDS

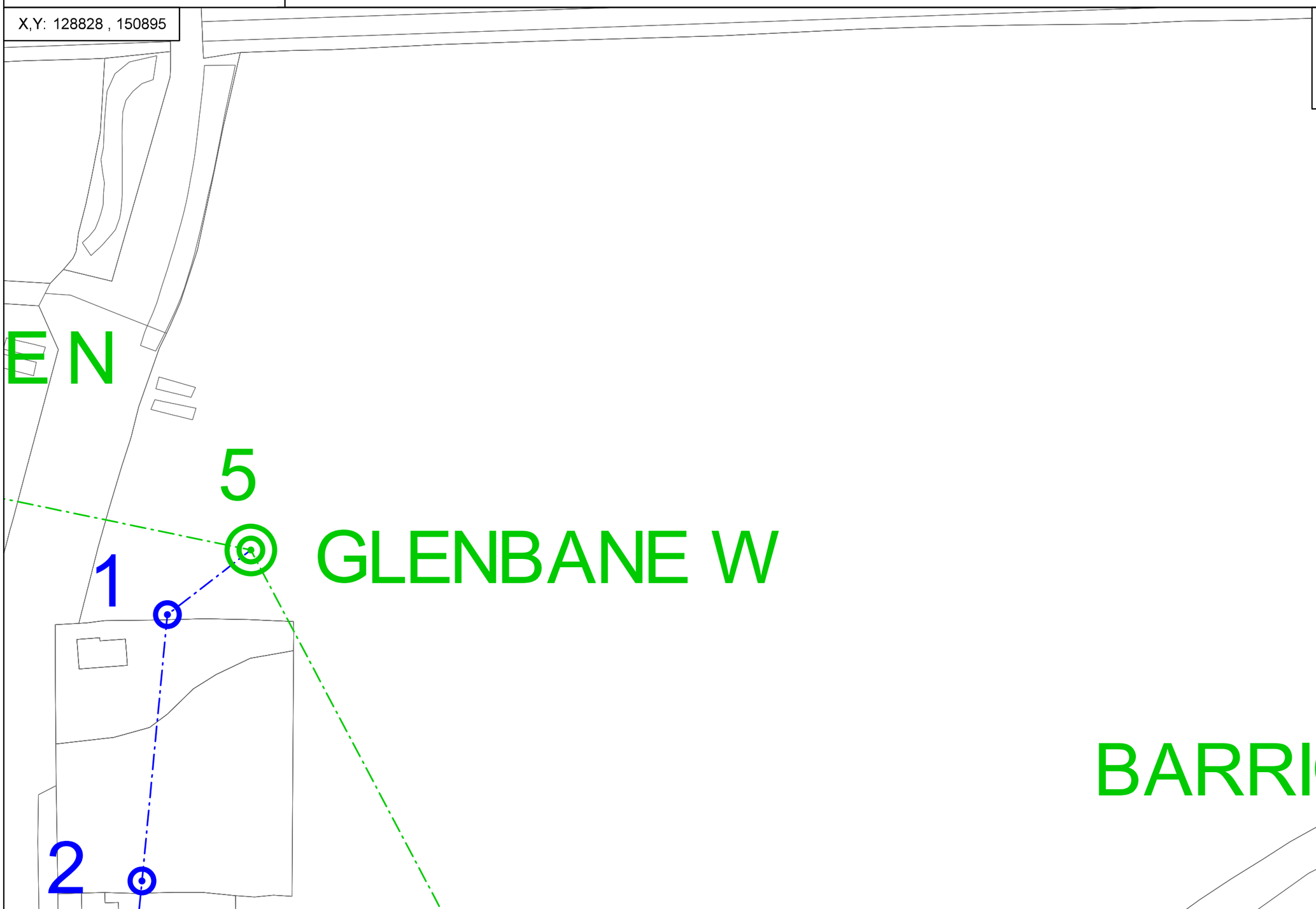
ESB Networks

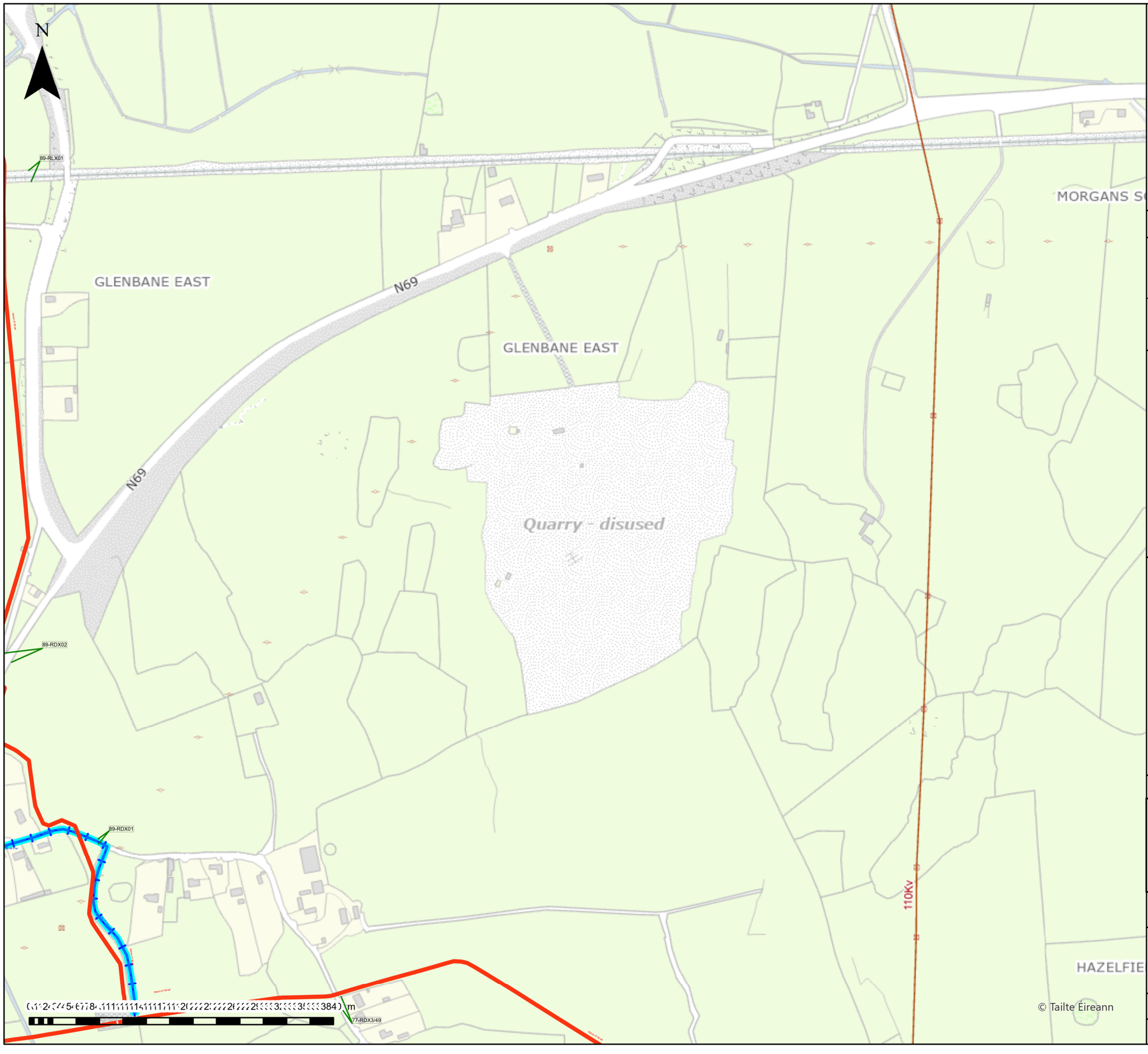
TITLE:

20260508-066_A0

X,Y: 128828 , 150895

ESB NETWORKS HAS
BEEN PRINTED IN CO
ABOVE ARE CLEAR A





Important Safety Notice: Damage to gas pipelines can result in serious injury or death. Gas network information is provided as a general guide. The exact location and depth of medium or low pressure distribution gas pipes must be verified on site by carrying out necessary investigations, including, for example, hand digging trial holes along the route of the pipe. Service pipes are not generally shown but their presence should always be anticipated.

High pressure transmission pipelines are shown in red. If a transmission pipeline is identified within 10m of any intended excavations then work must not proceed before GNI has been consulted. The true location and depth of a transmission pipeline must be verified on site by a representative of GNI. Contact can be made through 1800 427 747.

All work in the vicinity of the gas network must be completed in accordance with the current edition of the Health and Safety Authority publication, 'Code of Practice For Avoiding Danger From Underground Services' which is available from the Health and Safety Authority (0818 289 389) or can be downloaded at www.hsa.ie.

Legal Notice: Gas Networks Ireland (GNI) and its affiliates, accept no responsibility for the accuracy of any information contained in this document including data concerning location and technical designation of the gas distribution and transmission network (the"Information"). The Information should not be relied on for accurate distance or depth of cover measurements.

Any representations and warranties, express or implied, are excluded to the fullest extent permitted by law. No liability shall be accepted for any loss or damage including, without limitation,direct, indirect or consequential loss, arising out of or in connection with the use or re-use of the Information.

- Aurora Telecom Duct
- Aurora Telecom Sub Duct
- Aurora Telecom Inserted Gas Pipe

Aurora TELECOM

Aurora Telecom Queries - 01-8926166 (Office Hours)
Aurora_Network_Queries@gasnetworks.ie
Aurora Telecom Emergency Only 1800 427399 / 01 2030120

- Transmission Pipe (High Pressure)
- Transmission Pipe (Construction Issue)
- Distribution Pipe (Medium Pressure)
- Distribution Pipe (Low Pressure)
- Service Pipe (Medium Pressure)
- Service Pipe (Low Pressure)
- Strategic Pipe (Medium Pressure)
- Strategic Pipe (Low Pressure)
- Inserted
- Abandoned Pipe

C=?	Cover (depth in metres)		Pressure Monitor
CP	CP Test Point		Protection (Slabbing)
	End Cap		Protection (Sleeve)
	Hot Tap		Reducer
	Installation		Service Terminator
	Valve		Tee
	Mains Verification**		Transition

** Please contact GNI on 1800-427747 for specific information

DIAL BEFORE YOU DIG 1800 42 77 47
In Emergency call 1800 20 50 50 Gas Networks Ireland

Gas Networks Ireland

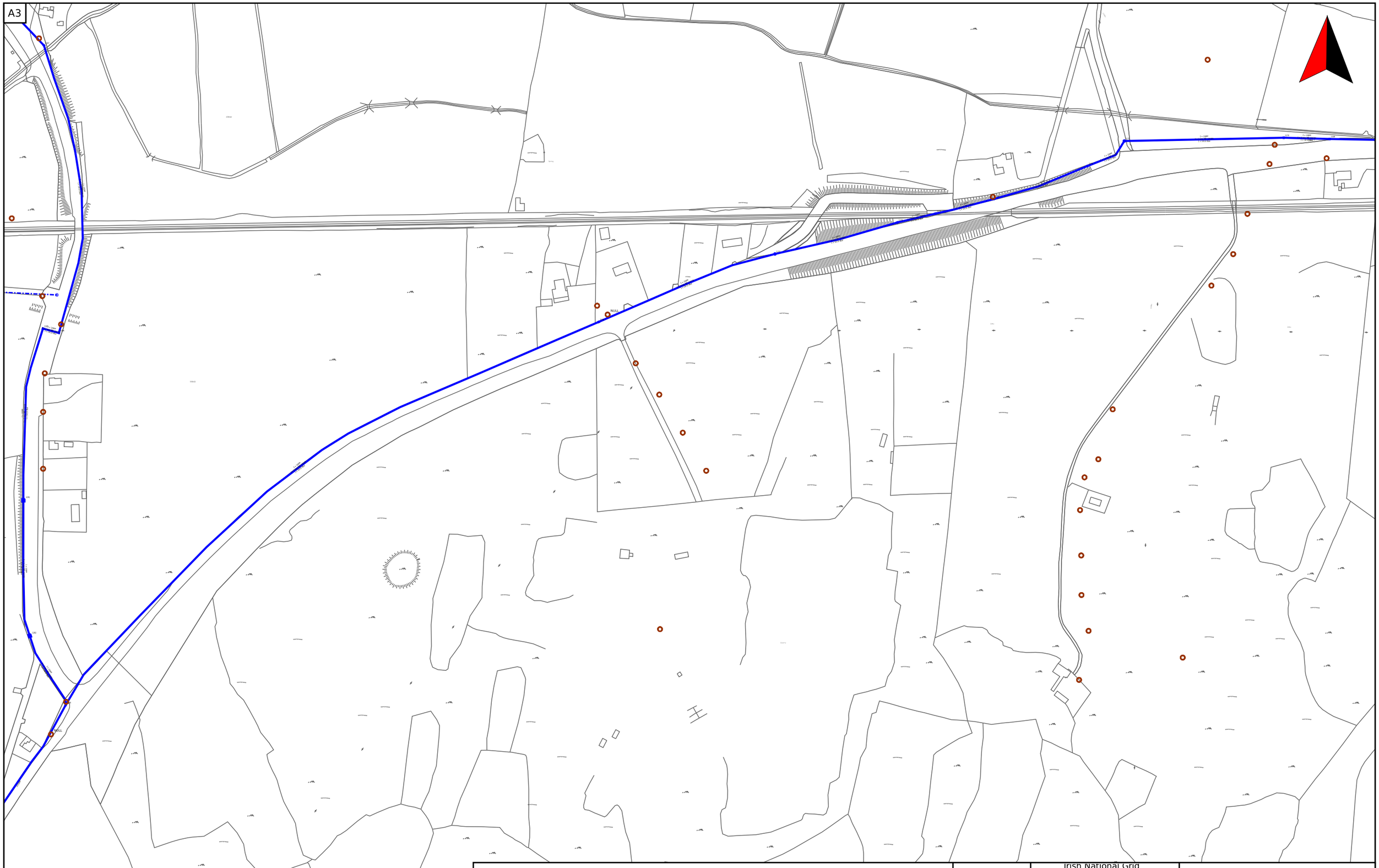
GAS NETWORK INFORMATION

Description: test

Location: 529491,650487

Plot Date: 07/05/2026 15:28	Scale: 5000 @ A3
Plotted By: 9607	Ref ID: *9607_07052026152812*

A3

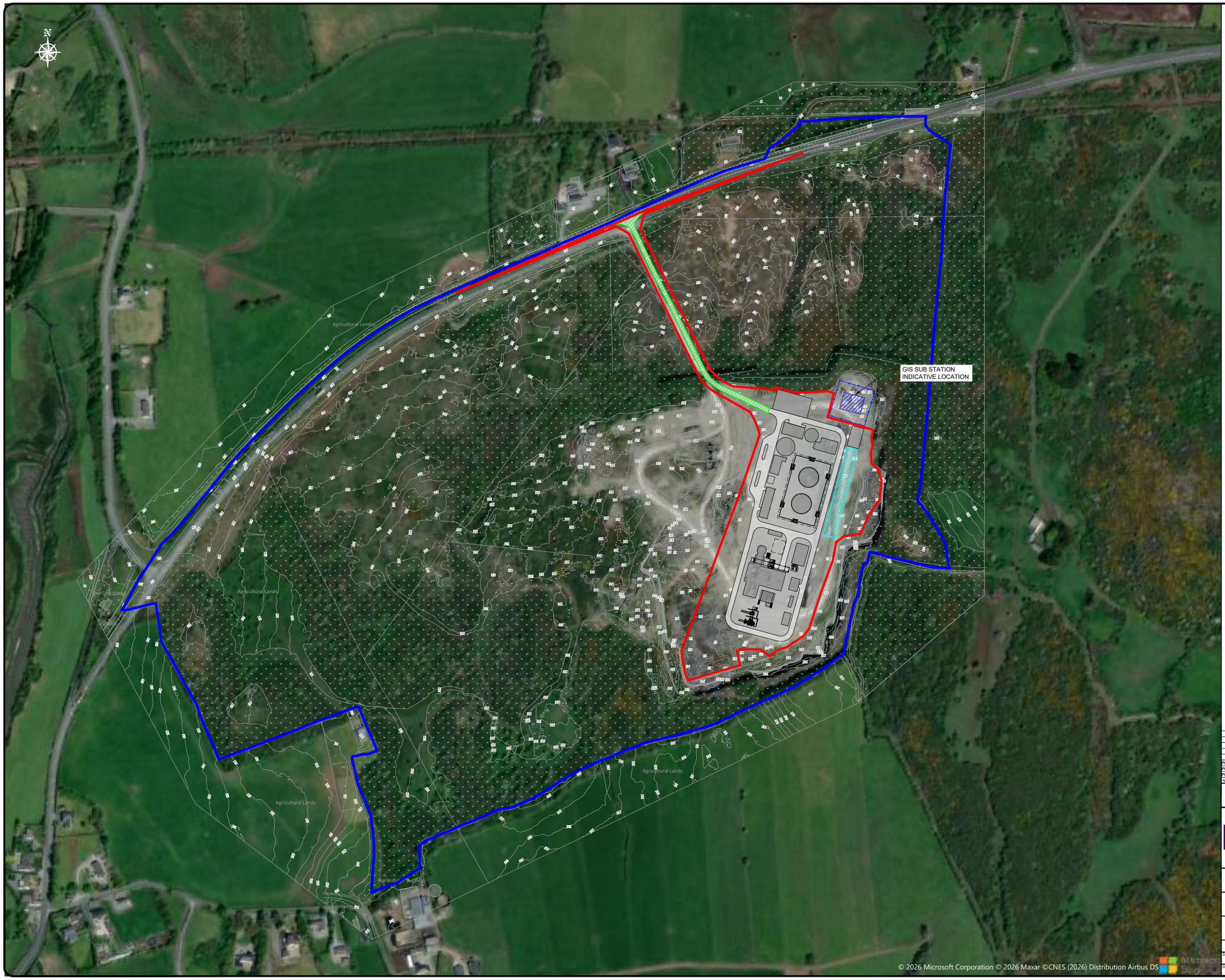


open eir Civil Engineering Infrastructure Service

Scale: 1:3500	Irish National Grid Co-Ordinates Centre X: 529478 m, 650681 m
Date 07/05/2026	Smallworld Powered by GE

THE INFORMATION GIVEN IS COMPILED FROM PASSIVE ACCESS RECORDS AND IS BELIEVED TO BE CORRECT. THERE MAY,
HOWEVER, BE DEPARTURES FROM THE COURSE[S] AND DEPTH[S] SHOWN OR INDICATED. THERE MAY ALSO BE ITEMS OF
open eir INFRASTRUCTURE OF WHICH NO RECORDS IS HELD. THE INFORMATION IS GIVEN WITHOUT PREJUDICE TO THE LEGAL RIGHTS OF open eir TO COMPENSATION SHOULD open eir INFRASTRUCTURE BE DAMAGED

APPENDIX C
SITE LOCATION - BARRIGONE



NOTES:

1. TYPICAL LAYOUT *"AE94.3A OUTDOOR LAYOUT ARRANGEMENT"* SHOWN FOR INDICATIVE PURPOSES ONLY.
2. SITE INFORMATION IS REPLICATED FROM INFORMATION RECEIVED FROM OTHERS

LEGEND:

- LAND OWNERSHIP BOUNDARY
- PROPOSED SITE BOUNDARY
- PROPOSED ACCESS ROAD
- PROPOSED SURFACE WATER DETENTION POND/SOAKAWAY

KPMG

No.	Revision	Date	By	Chk'd	Appr'd
P03	ISSUED FOR INFORMATION	02.06.26	NY	SK	SK
P02	ISSUED FOR INFORMATION	27.05.26	NY	SK	SK
P01	ISSUED FOR INFORMATION	26.05.26	NY	SK	SK

Project Stage: INFORMATION

ROD ROUGHAN & O'DONOVAN

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Client: CULTACA LTD.

Project Title: OPEN CYCLE GAS TURBINE POWER STATION BARRIGONE

Drawing Title: SITE LOCATION - BARRIGONE

Drawing Number	Rev:
OCGT-ROD-BAR-XX-SK-CE-0001	P03

Scale:	Date:	Job No:	Status Code
1:2000 @A1	MAY' 26	26.120	S2 - SUITABLE FOR INFORMATION

Drawn:	Checked:	Approved:
NY	SK	SK

APPENDIX D
SITE LAYOUT - BARRIGONE

NOTES:

1. TYPICAL LAYOUT *"AE94.3A OUTDOOR LAYOUT ARRANGEMENT"* SHOWN FOR INDICATIVE PURPOSES ONLY.
2. SITE INFORMATION IS REPLICATED FROM INFORMATION RECEIVED FROM OTHERS

LEGEND:

- LAND OWNERSHIP BOUNDARY
- PROPOSED SITE BOUNDARY
- PROPOSED BUILDING
- PROPOSED ROAD
- PROPOSED PAVEMENT
- PROPOSED ACCESS ROAD
- PROPOSED SURFACE WATER DETENTION POND/SOAKAWAY

KPMG

No.	Revision	Date	By	Chk'd	Appr'd
P03	ISSUED FOR INFORMATION	02.06.26	NY	SK	SK
P02	ISSUED FOR INFORMATION	27.05.26	NY	SK	SK
P01	ISSUED FOR INFORMATION	26.05.26	NY	SK	SK

Project Stage: INFORMATION

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Client: CULTACA LTD.

Project Title: OPEN CYCLE GAS TURBINE POWER STATION BARRIGONE

Drawing Title: SITE LAYOUT - BARRIGONE

Drawing Number	Rev:
OCGT-ROD-BAR-XX-SK-CE-0002	P03

Scale:	Date:	Job No:	Status Code
1:750 @A1	MAY' 26	26.120	S2 - SUITABLE FOR INFORMATION

Drawn:	Checked:	Approved:
NY	SK	SK

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

APPENDIX E
SITE MAP - BARRIGONE

NOTES:

1. TYPICAL LAYOUT *"AE94.3A OUTDOOR LAYOUT ARRANGEMENT"* SHOWN FOR INDICATIVE PURPOSES ONLY.
2. SITE INFORMATION IS REPLICATED FROM INFORMATION RECEIVED FROM OTHERS

LEGEND:

LAND OWNERSHIP BOUNDARY

PROPOSED SITE BOUNDARY

KPMG

No.	Revision	Date	By	Chkd	Apprd
P03	ISSUED FOR INFORMATION	02.06.26	NY	SK	SK
P02	ISSUED FOR INFORMATION	27.05.26	NY	SK	SK
P01	ISSUED FOR INFORMATION	26.05.26	NY	SK	SK

Project Stage

INFORMATION

ROD ROUGHAN & O'DONOVAN

Offices:
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Client: CULTACA LTD.

Project Title: OPEN CYCLE GAS TURBINE POWER STATION BARRIGONE

Drawing Title: SITE MAP - BARRIGONE

Drawing Number	Rev.
OCGT-ROD-BAR-XX-SK-CE-0003	P03

Scale	Date	Job No.	Status Code
1:10,000 @A1	MAY' 26	26.120	S2 - SUITABLE FOR INFORMATION

Drawn	Checked	Approved
NY	SK	SK

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

APPENDIX F
EXISTING SITE LEVELS - BARRIGONE

NOTES:

1. TYPICAL LAYOUT *"AE94.3A OUTDOOR LAYOUT ARRANGEMENT"* SHOWN FOR INDICATIVE PURPOSES ONLY.
2. SITE INFORMATION IS REPLICATED FROM INFORMATION RECEIVED FROM OTHERS

LEGEND:

- LAND OWNERSHIP BOUNDARY
- PROPOSED SITE BOUNDARY
- PROPOSED BUILDING
- PROPOSED ROAD
- PROPOSED PAVEMENT
- PROPOSED ACCESS ROAD
- PROPOSED SURFACE WATER DETENTION POND/SOAKAWAY

KPMG

No.	Revision	Date	By	Chk'd	Appr'd
P03	ISSUED FOR INFORMATION	02.06.26	NY	SK	SK
P02	ISSUED FOR INFORMATION	27.05.26	NY	SK	SK
P01	ISSUED FOR INFORMATION	26.05.26	NY	SK	SK

Project Stage: INFORMATION

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Client: CULTACA LTD.

Project Title: OPEN CYCLE GAS TURBINE POWER STATION BARRIGONE

Drawing Title: EXISTING SITE LEVELS - BARRIGONE

Drawing Number: OCGT-ROD-BAR-XX-SK-CE-0004				Rev: P03
Scale: 1:2000 @A1	Date: MAY 26	Job No: 26.120		Status Code: S2 - SUITABLE FOR INFORMATION
Drawn: NY	Checked: SK	Approved: SK		

DO NOT SCALE USE FIGURED DIMENSIONS ONLY