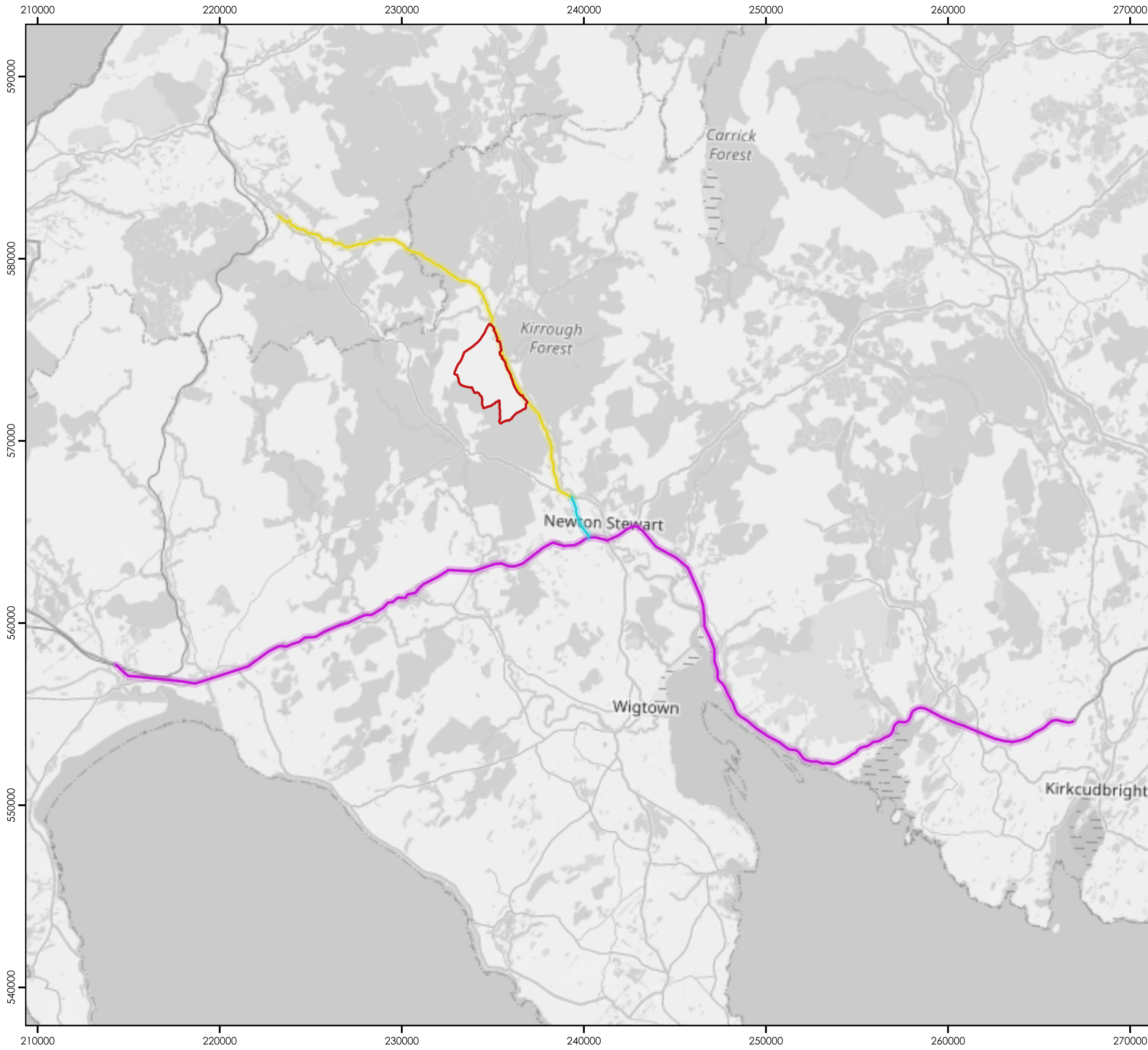




Glenvernoch Wind Farm

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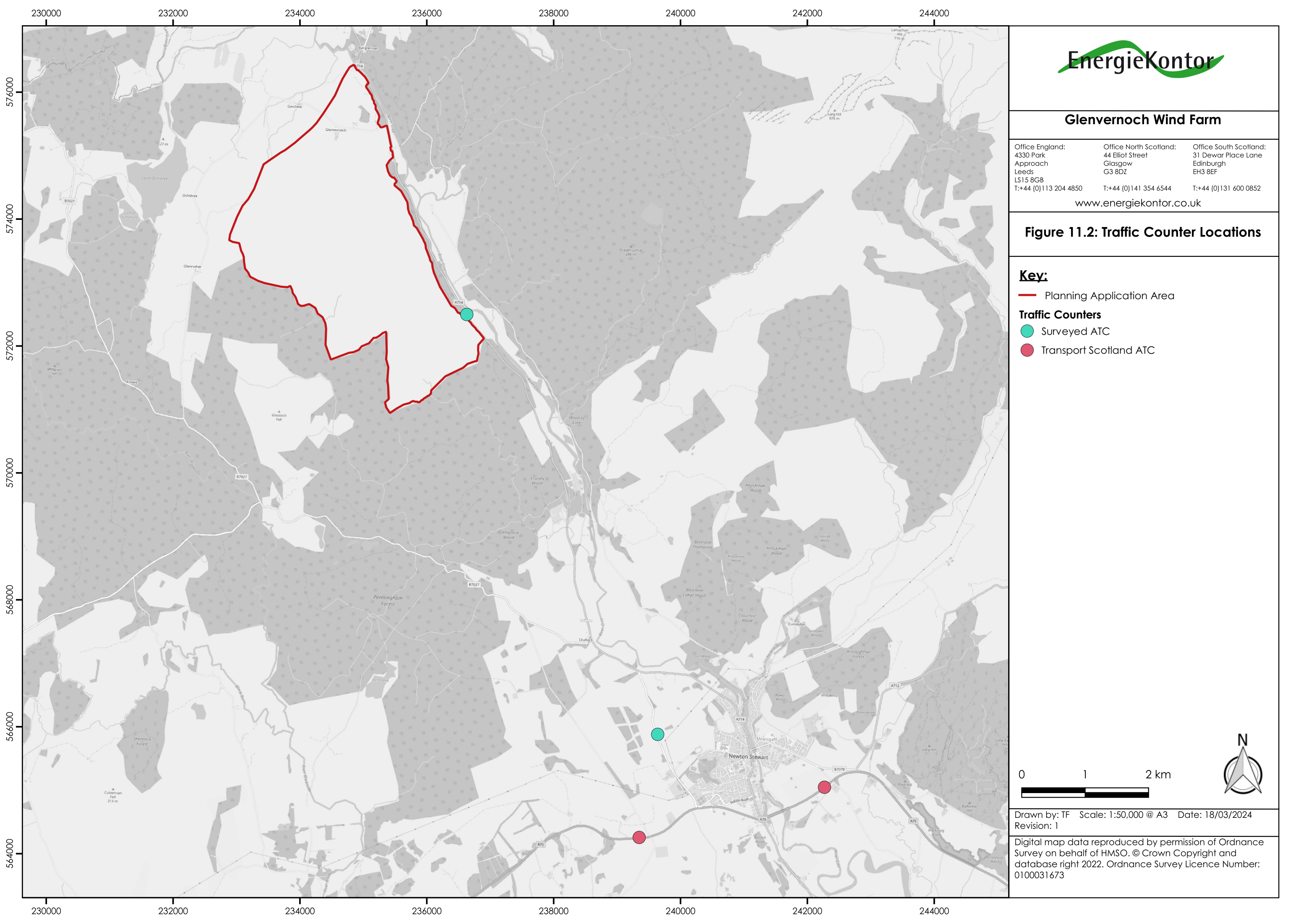
Figure 11.1: Study Area

- Key:**
- Planning Application Area
- Study Area**
- A714
 - A75
 - U52W Barnkirk Road



Drawn by: TF Scale: 1:200,000 @ A3 Date: 18/03/2024
Revision: 1

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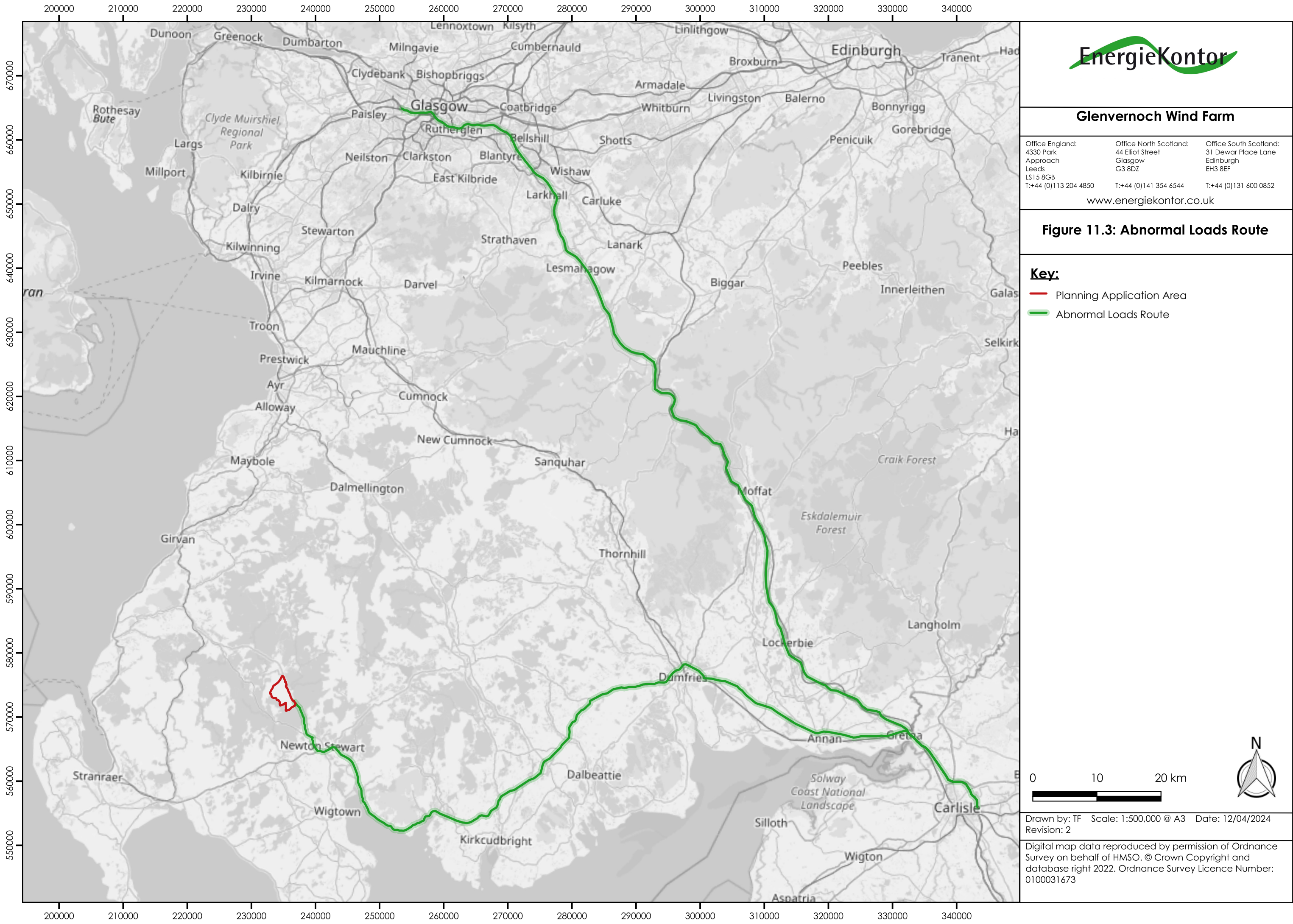
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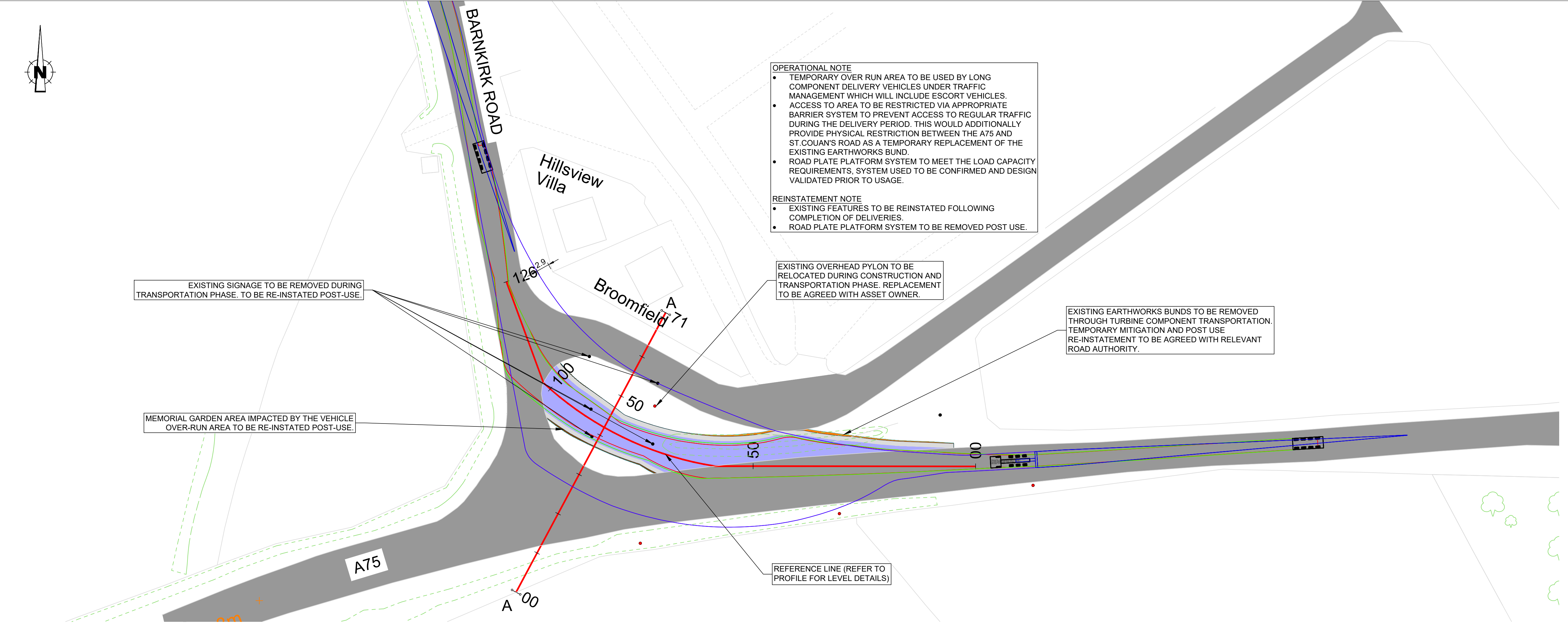
Figure 11.2: Traffic Counter Locations

- Key:**
- Planning Application Area
- Traffic Counters**
- Surveyed ATC
 - Transport Scotland ATC

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- OPERATIONAL NOTE**
- TEMPORARY OVER RUN AREA TO BE USED BY LONG COMPONENT DELIVERY VEHICLES UNDER TRAFFIC MANAGEMENT WHICH WILL INCLUDE ESCORT VEHICLES.
 - ACCESS TO AREA TO BE RESTRICTED VIA APPROPRIATE BARRIER SYSTEM TO PREVENT ACCESS TO REGULAR TRAFFIC DURING THE DELIVERY PERIOD. THIS WOULD ADDITIONALLY PROVIDE PHYSICAL RESTRICTION BETWEEN THE A75 AND ST.COUAN'S ROAD AS A TEMPORARY REPLACEMENT OF THE EXISTING EARTHWORKS BUND.
 - ROAD PLATE PLATFORM SYSTEM TO MEET THE LOAD CAPACITY REQUIREMENTS, SYSTEM USED TO BE CONFIRMED AND DESIGN VALIDATED PRIOR TO USAGE.
- REINSTATEMENT NOTE**
- EXISTING FEATURES TO BE REINSTATED FOLLOWING COMPLETION OF DELIVERIES.
 - ROAD PLATE PLATFORM SYSTEM TO BE REMOVED POST USE.

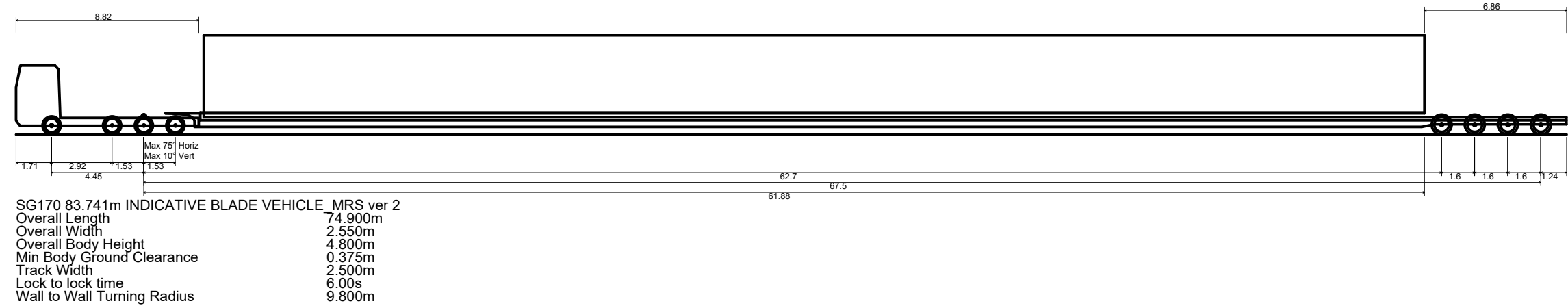
EXISTING SIGNAGE TO BE REMOVED DURING TRANSPORTATION PHASE. TO BE RE-INSTATED POST-USE.

MEMORIAL GARDEN AREA IMPACTED BY THE VEHICLE OVER-RUN AREA TO BE RE-INSTATED POST-USE.

EXISTING OVERHEAD PYLON TO BE RELOCATED DURING CONSTRUCTION AND TRANSPORTATION PHASE. REPLACEMENT TO BE AGREED WITH ASSET OWNER.

EXISTING EARTHWORKS BUNDS TO BE REMOVED THROUGH TURBINE COMPONENT TRANSPORTATION. TEMPORARY MITIGATION AND POST USE RE-INSTATEMENT TO BE AGREED WITH RELEVANT ROAD AUTHORITY.

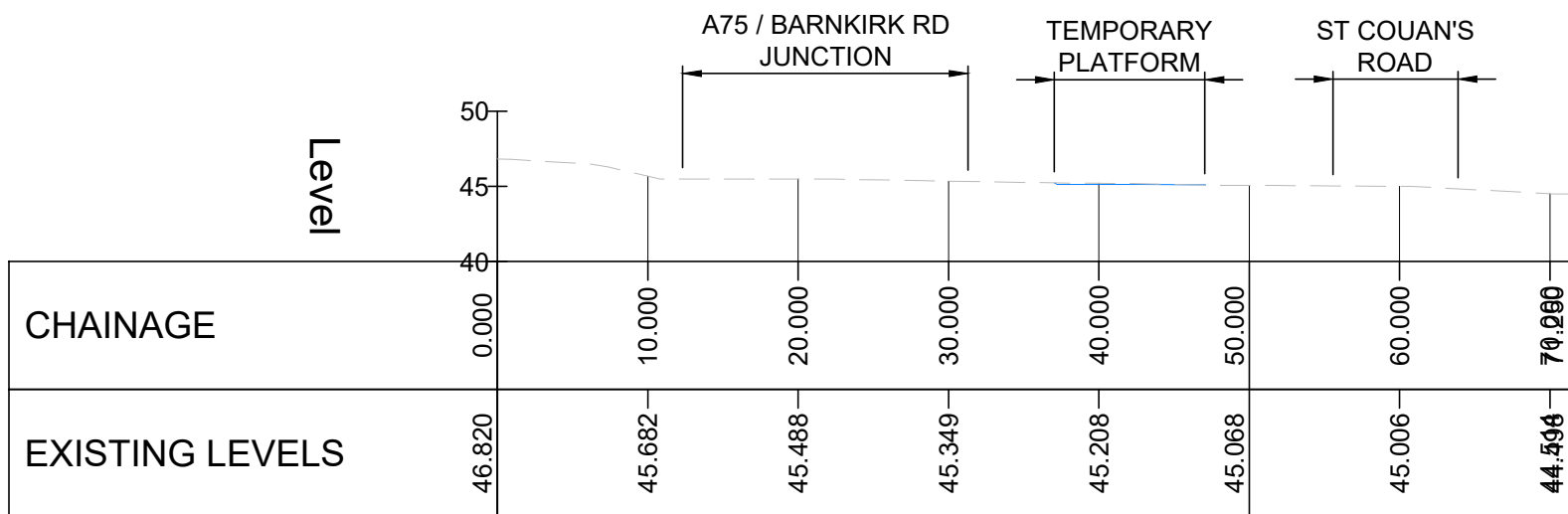
REFERENCE LINE (REFER TO PROFILE FOR LEVEL DETAILS)



SG170 83.741m INDICATIVE BLADE VEHICLE MRS ver 2
Overall Length 74.900m
Overall Width 2.550m
Overall Body Height 4.800m
Min Body Ground Clearance 0.375m
Track Width 2.500m
Lock to lock time 6.00s
Wall to Wall Turning Radius 9.800m

Level	50	45	40	35	30	25	20	15	10	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45	-50
CHAINAGE	0.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	120.000	125.242							
EXISTING LEVELS	43.828	43.956	43.988	44.016	44.219	44.490	44.784	45.081	45.142	45.158	45.069	45.028	45.009	45.002							
PROPOSED LEVELS	43.994	44.130	44.274	44.428	44.579	44.731	44.883	45.022	45.116	45.114	45.079	45.050	45.021	45.002							
LEVEL DIFFERENCE	-0.166	-0.174	-0.286	-0.410	-0.360	-0.241	-0.100	0.069	0.025	0.044	-0.010	-0.022	-0.012	0.000							
HORIZONTAL GEOMETRY	L = 58.620						R: 73.438 L: 43.393						L = 24.229								
VERTICAL GEOMETRY	G = 1.362% R = 600.000 K = 5.998 L = 14.504 L = 0.967						G = 1.523% R = 600.000 K = 5.999 L = 3.402 L = 50.490						G = -0.294% R = 600.000 K = 5.999 L = 3.402 L = 31.836								

A75-BARNKIRK RD WIDENING - PROFILE
SCALE: H 1:500,V 1:500. DATUM: 40.000



SECTION A-A
SCALE: H 1:500,V 1:500

DO NOT SCALE FROM DRAWING

NOTES

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- THIS DRAWING PRESENTS AN OUTLINE DESIGN PROPOSAL THAT HAS BEEN DEVELOPED TO ILLUSTRATE THE WORKS LIKELY TO BE REQUIRED IN ORDER TO ACCOMMODATE THE AIL VEHICLES FOR TURBINE COMPONENT DELIVERY. ALL PROPOSALS ARE SUBJECT TO CONFIRMATION THROUGH GROUND INVESTIGATION AND DETAILED DESIGN INCLUDING CONFIRMATION OF DRAINAGE DETAILS.
- ALL WORKS DETAILED ON THIS DRAWING ARE SUBJECT TO APPROVAL OF THE PLANNING AUTHORITY, THE ROAD AUTHORITY AND AFFECTED LANDOWNERS.
- FINAL DESIGN OF IMPROVEMENT CIVIL WORKS TO COMPLY WITH TURBINE MANUFACTURERS AND HAULAGE CONTRACTOR'S REQUIREMENTS.

DRAWING SOURCES

- EXISTING GROUND SURVEY BASED ON DRAWING FILES:
 - OS_Terrain_S_971593_1231558
 - OS_MasterMap_Topography_Layer_971593_1231559

EXISTING UTILITIES NOTES

- A SERVICE SEARCH IS TO BE UNDERTAKEN.

LEGEND

- EXISTING ROAD (BASED ON TOPO SURVEY DATA)
- TEMPORARY ROAD PLATE PLATFORM
- VEHICLE WHEEL PATH
- VEHICLE BODY OVERSAIL
- VEHICLE LOAD OVERSAIL
- EXISTING SIGN (INDICATIVE LOCATION)
- EXISTING OVERHEAD PYLON (INDICATIVE LOCATION)

Rev	Amendment Details	Dr'n	Chk'	App'	Date
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Client	EnergieKontor
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Project	ENERGIEKONTOR D&G WINDFARMS
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Title	FIGURE 11.4 OFFSITE ACCESS ROUTE A75 - BARNKIRK ROAD
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Project Number	SC0025	Sheet Size	A1	Drawing Scale	1:500
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Drawing Number	SC0025-RPS-IN-ZZ-DR-C-1801
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Drawn By	DM	Status	DRAFT	Revision	P01
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Checked By	CM	Approved By	CM	Date	09/10/24
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