

GREEN GEN TOWY TEIFI

Consultation January 2024

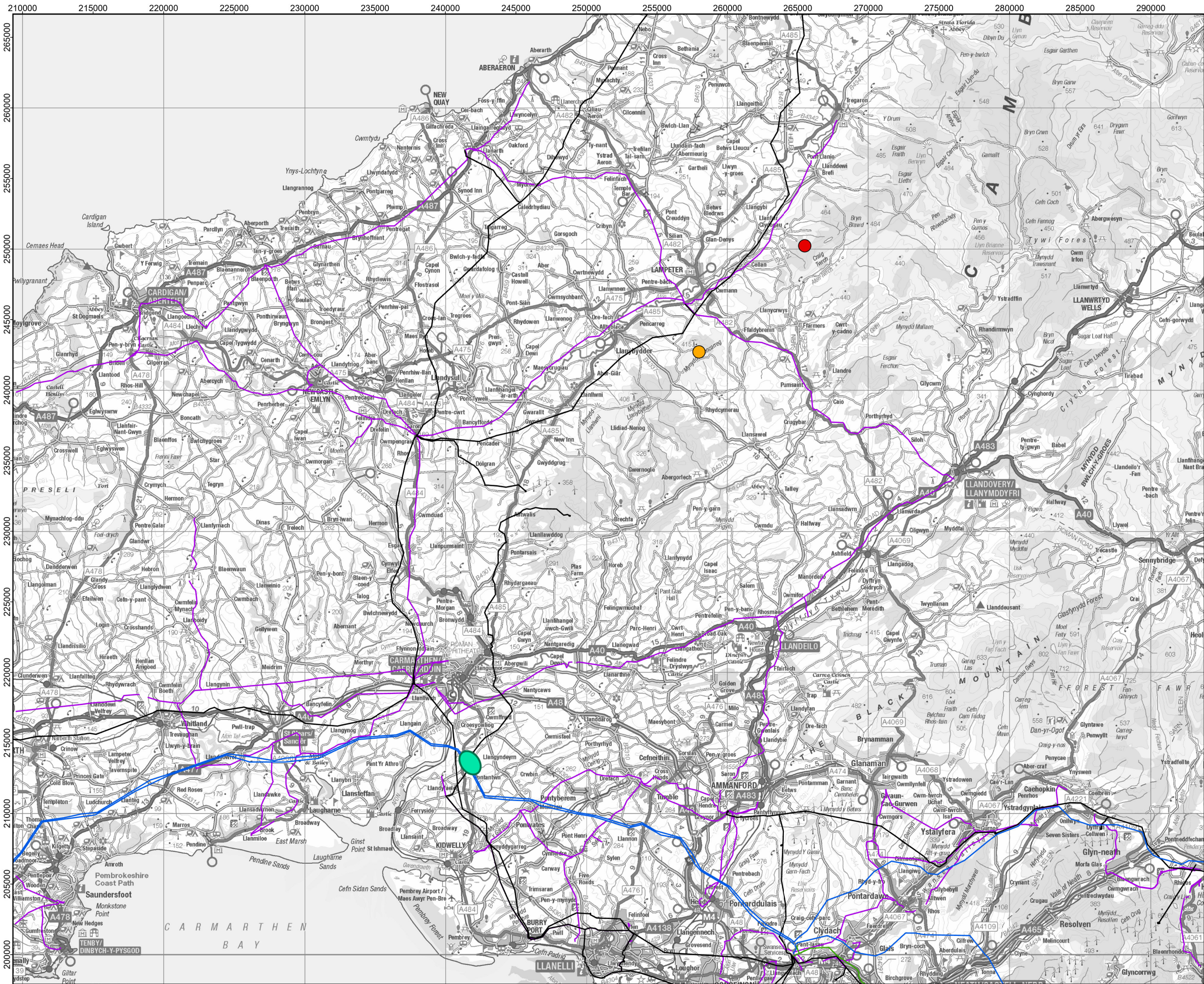
Routeing and Consultation Document

Figures 1

Routing and Consultation Document

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Legend:

- Indicative location of grid connection to Lan Fawr Energy Park within the energy park site boundary
- Nant Ceiment Energy Park
- Substation Siting Area
- Overhead Line (OHL)
 - 400kV
 - 275kV
 - 132kV
 - 33kV

Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter



Rev	Date	Description	Drn	Chk	App
01	09/01/2024	Second Draft	PS	JR	JR
00	26/10/2023	First Draft	PS	KB	KB

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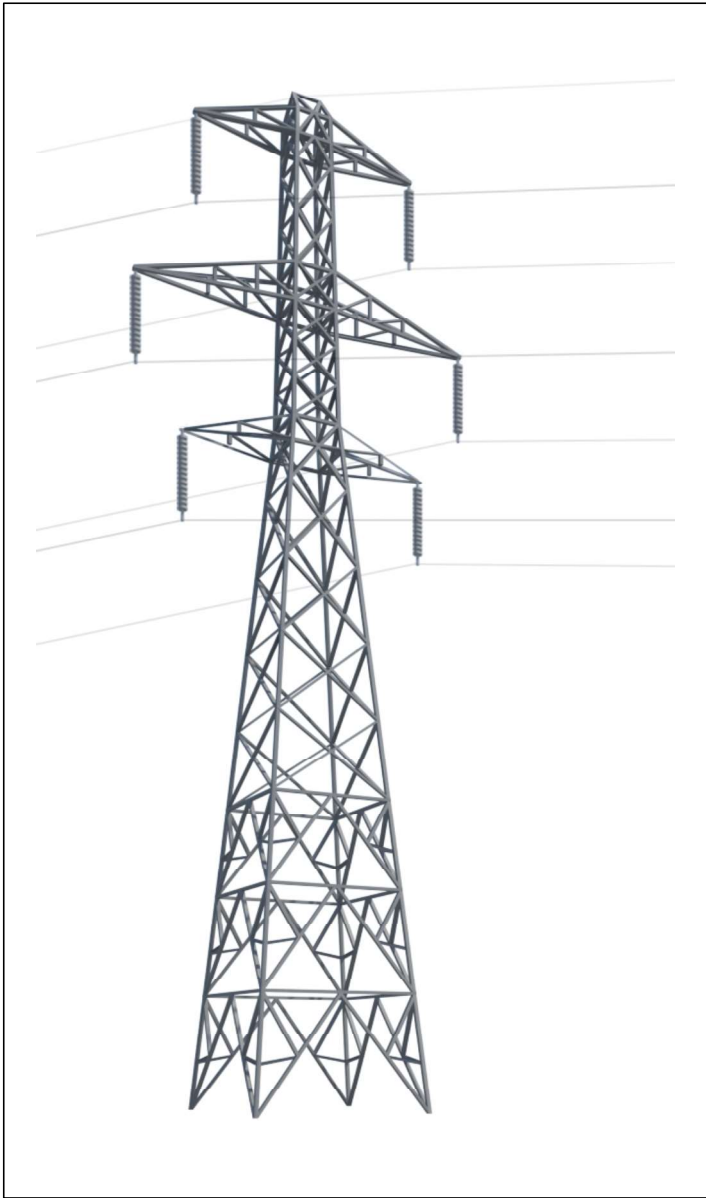
TITLE: Figure 1.1:
Existing Network and
Points of Connection

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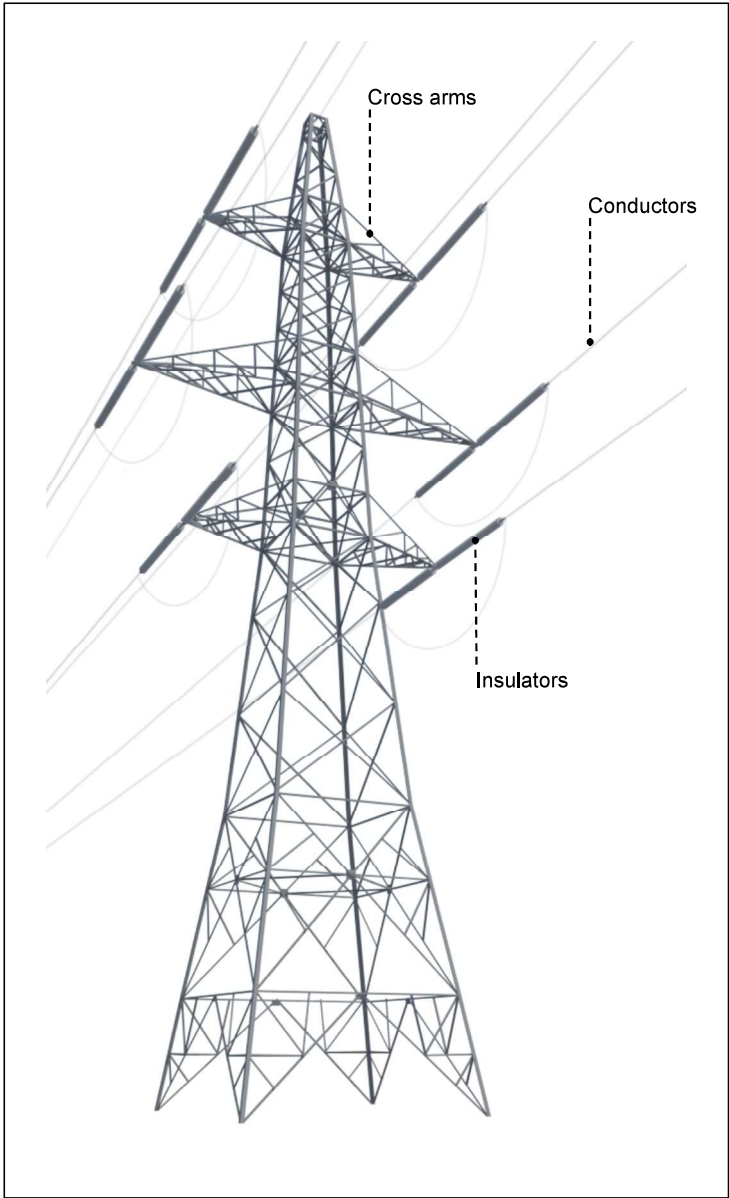
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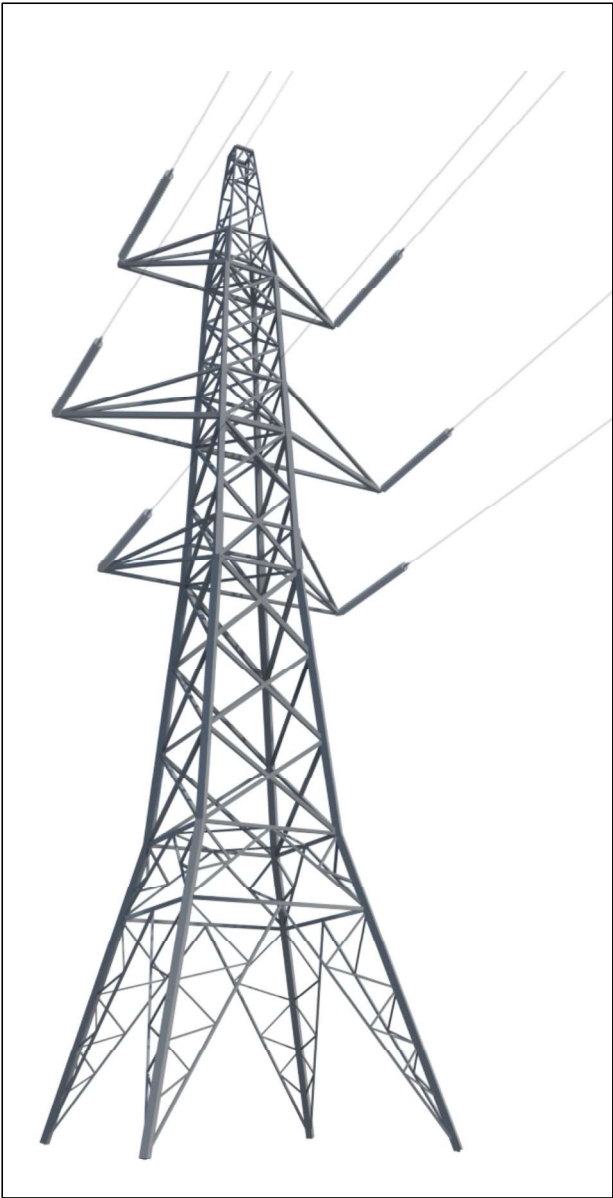
Figure 2.1: Proposed Tower Type



Component parts of 132kV steel lattice tower L7: Suspension tower

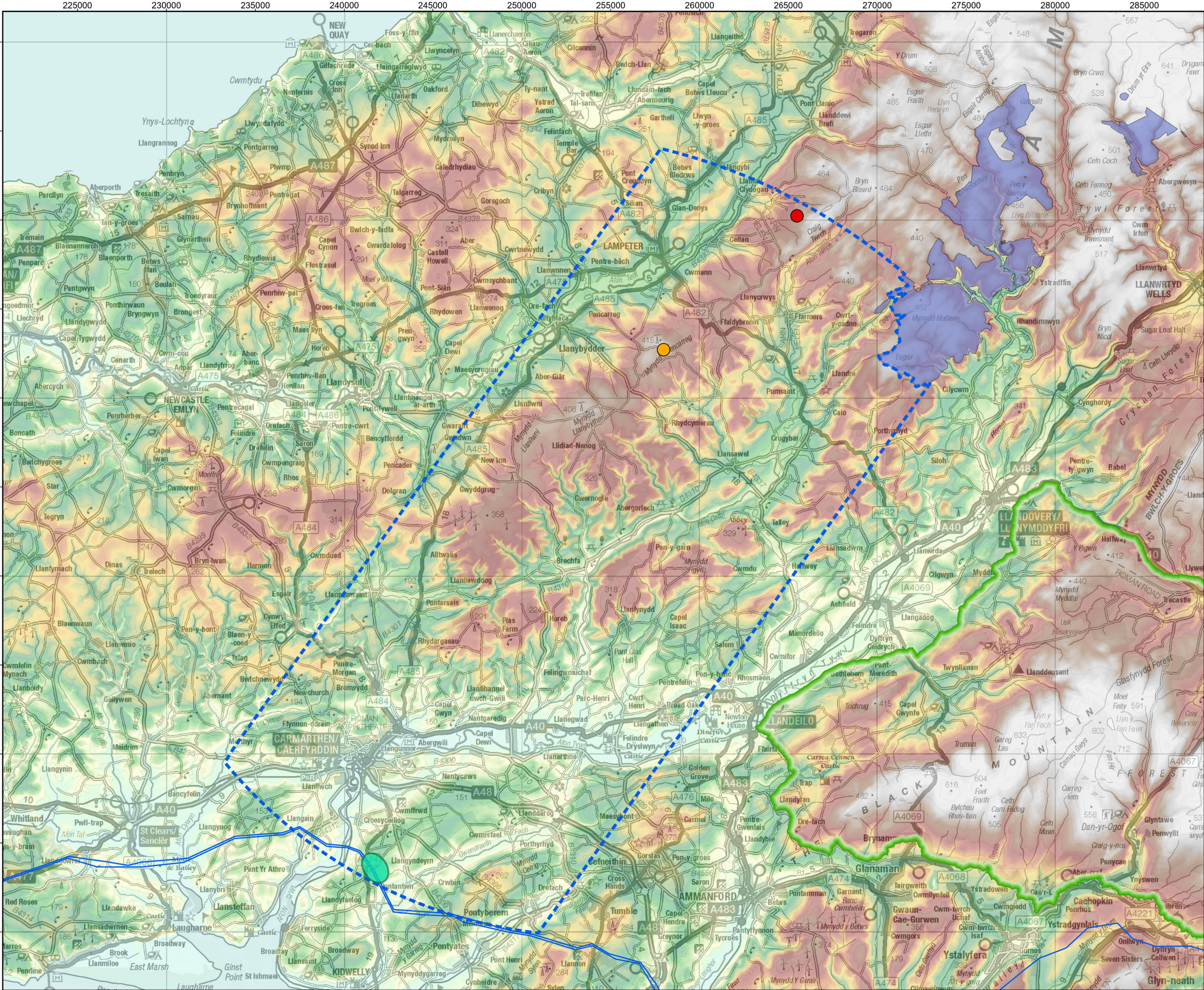


Component parts of 132kV steel lattice tower L7: Angle tower



Component parts of 132kV steel lattice tower L7: Terminal tower

NOT TO SCALE



Legend:

- Indicative location of grid connection to Lan Fawr Energy Park within the energy park site boundary
- Nant Ceiment Energy Park
- Substation Siting Area
- Study Area
- 400kV Overhead Line (OHL)

Terrain (AOD)

- High
- Low

National Park Boundary

- Special Protection Area (SPA)

Coordinate System: British National Grid
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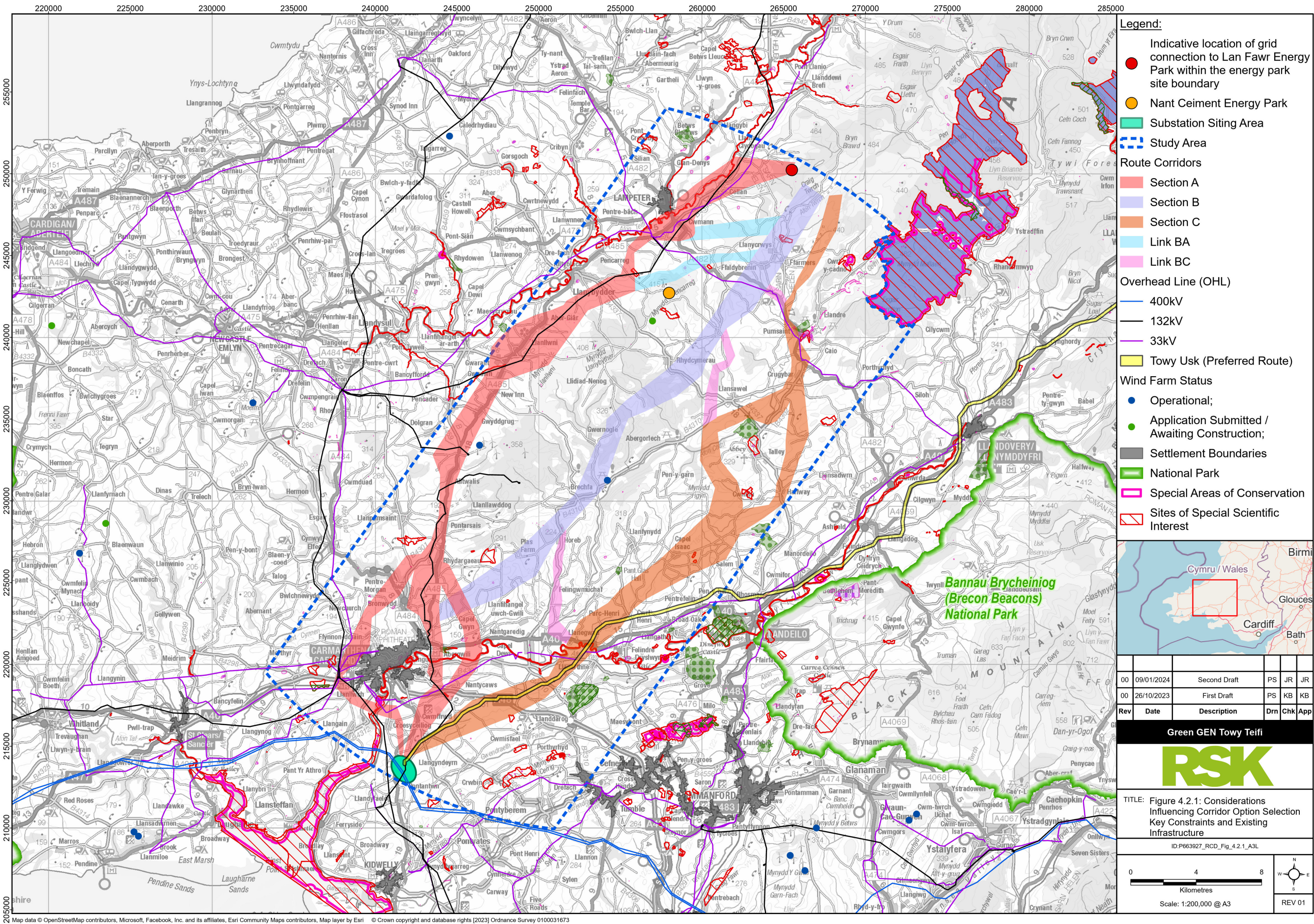
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TITLE: Figure 4.1: Study Area

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- Legend:**
- Indicative location of grid connection to Lan Fawr Energy Park within the energy park site boundary
 - Nant Ceiment Energy Park
 - Substation Siting Area
 - Study Area
 - Route Corridors
 - Section A
 - Section B
 - Section C
 - Link BA
 - Link BC
 - Overhead Line (OHL)
 - 400kV
 - 132kV
 - 33kV
 - Towy Usk (Preferred Route)
 - Wind Farm Status
 - Operational;
 - Application Submitted / Awaiting Construction;
 - Settlement Boundaries
 - National Park
 - Special Areas of Conservation
 - Sites of Special Scientific Interest



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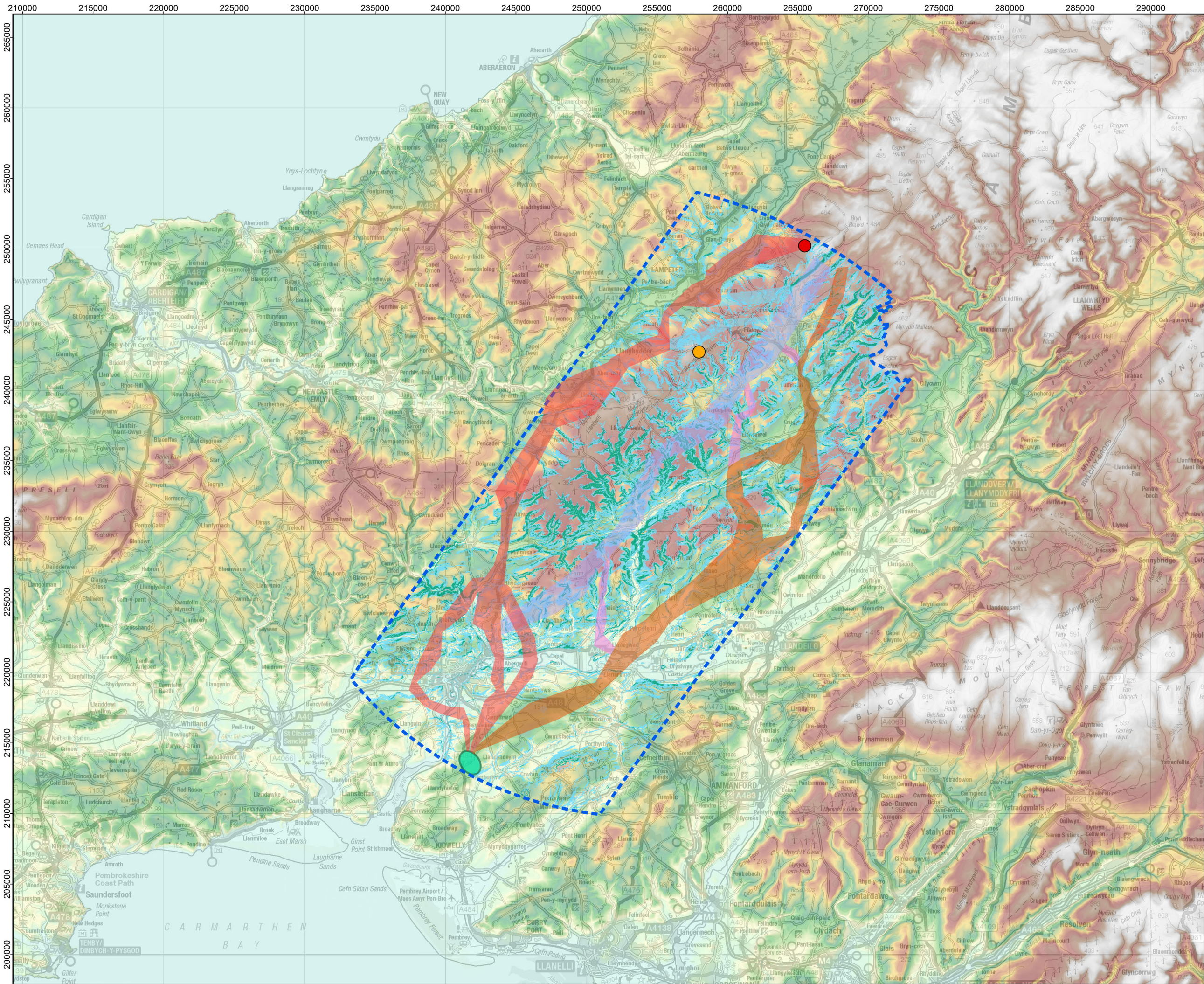
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TITLE: Figure 4.2.1: Considerations Influencing Corridor Option Selection Key Constraints and Existing Infrastructure

ID:P663927_RCD_Fig_4.2.1_A3L

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Legend:

Indicative location of grid connection to Lan Fawr Energy Park within the energy park site boundary

Nant Ceiment Energy Park

Substation Siting Area

Study Area

Route Corridors

Section A

Section B

Section C

Link BA

Link BC

Slope

10 - 22 degrees

> 22 degrees

Other unique values

Terrain (AOD)

High

Low

Coordinate System: British National Grid
Projection: Transverse Mercator
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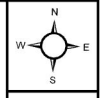
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TITLE: Figure 4.2.2: Considerations
Influencing Corridor Option
Selection - Elevation and Slope

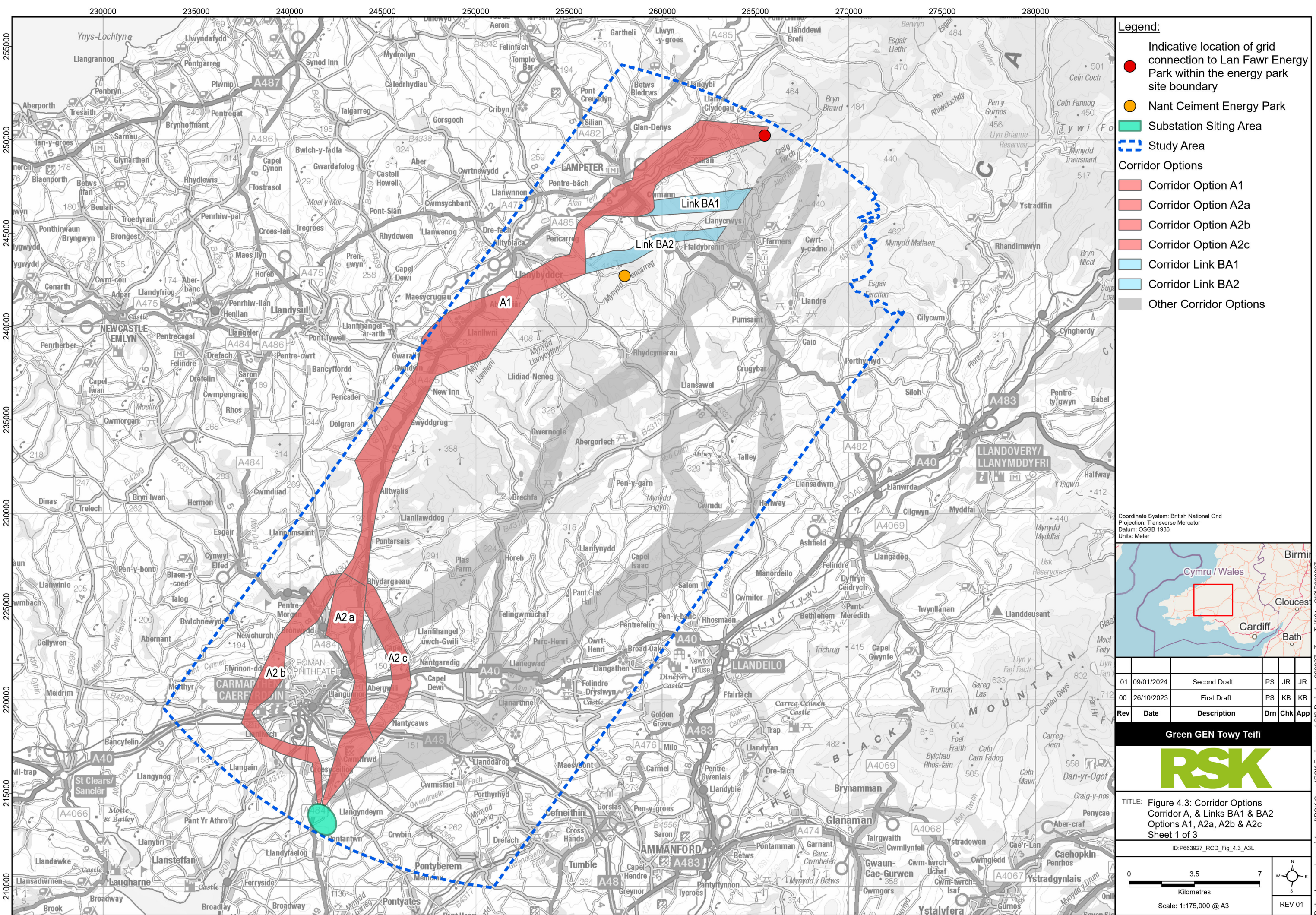
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Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter



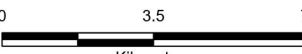
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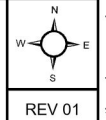


TITLE: Figure 4.3: Corridor Options
Corridor A, & Links BA1 & BA2
Options A1, A2a, A2b & A2c
Sheet 1 of 3

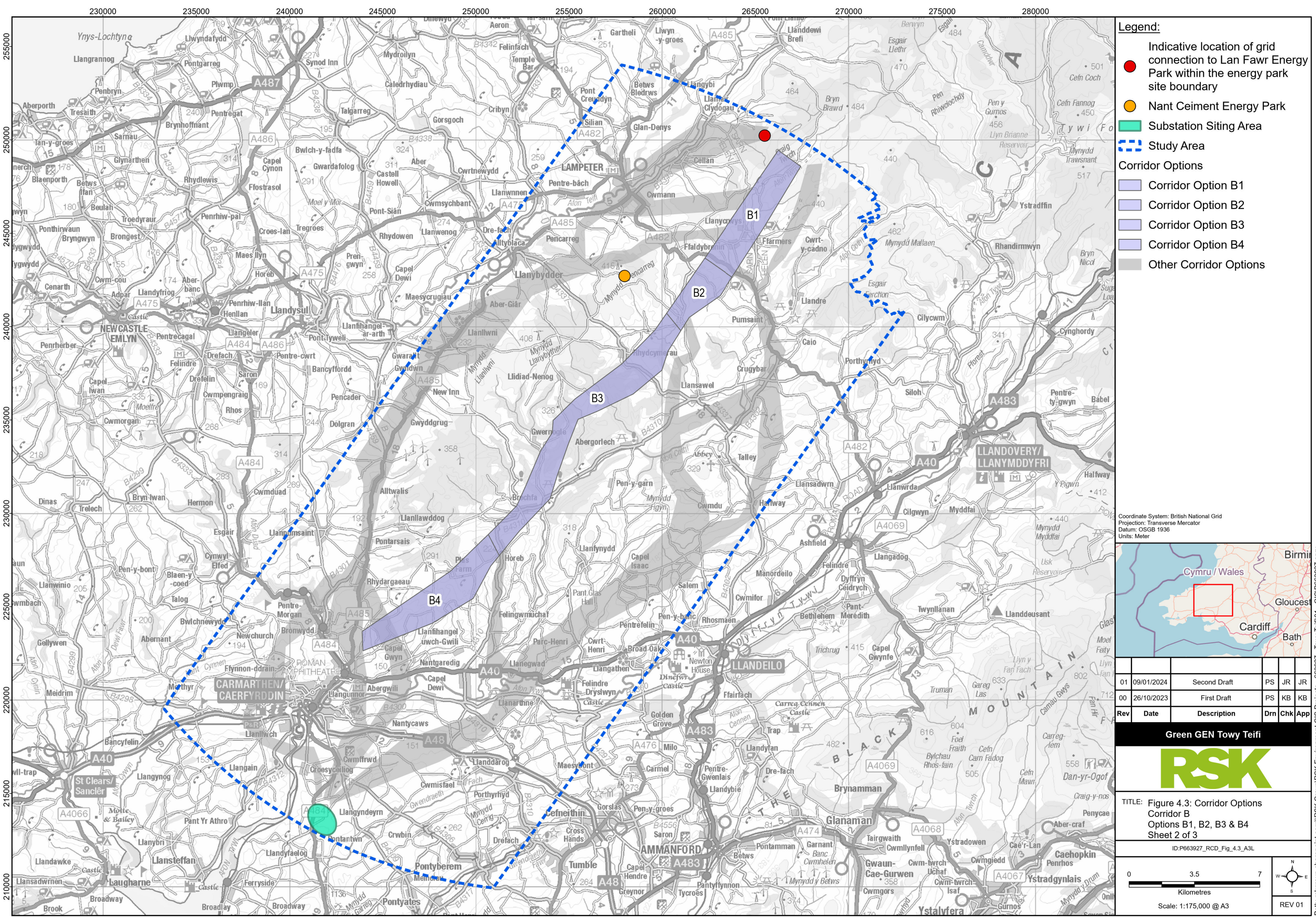
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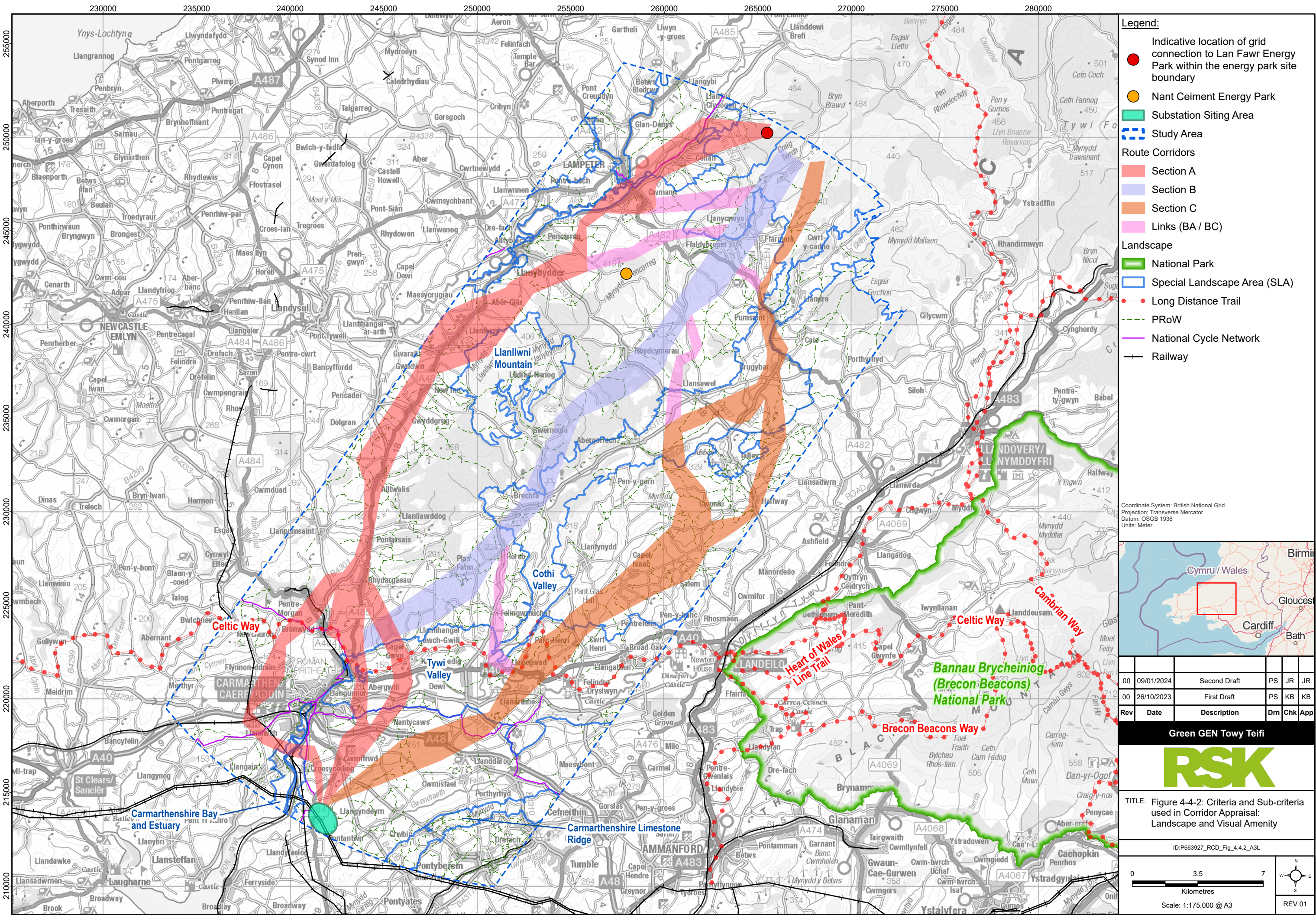


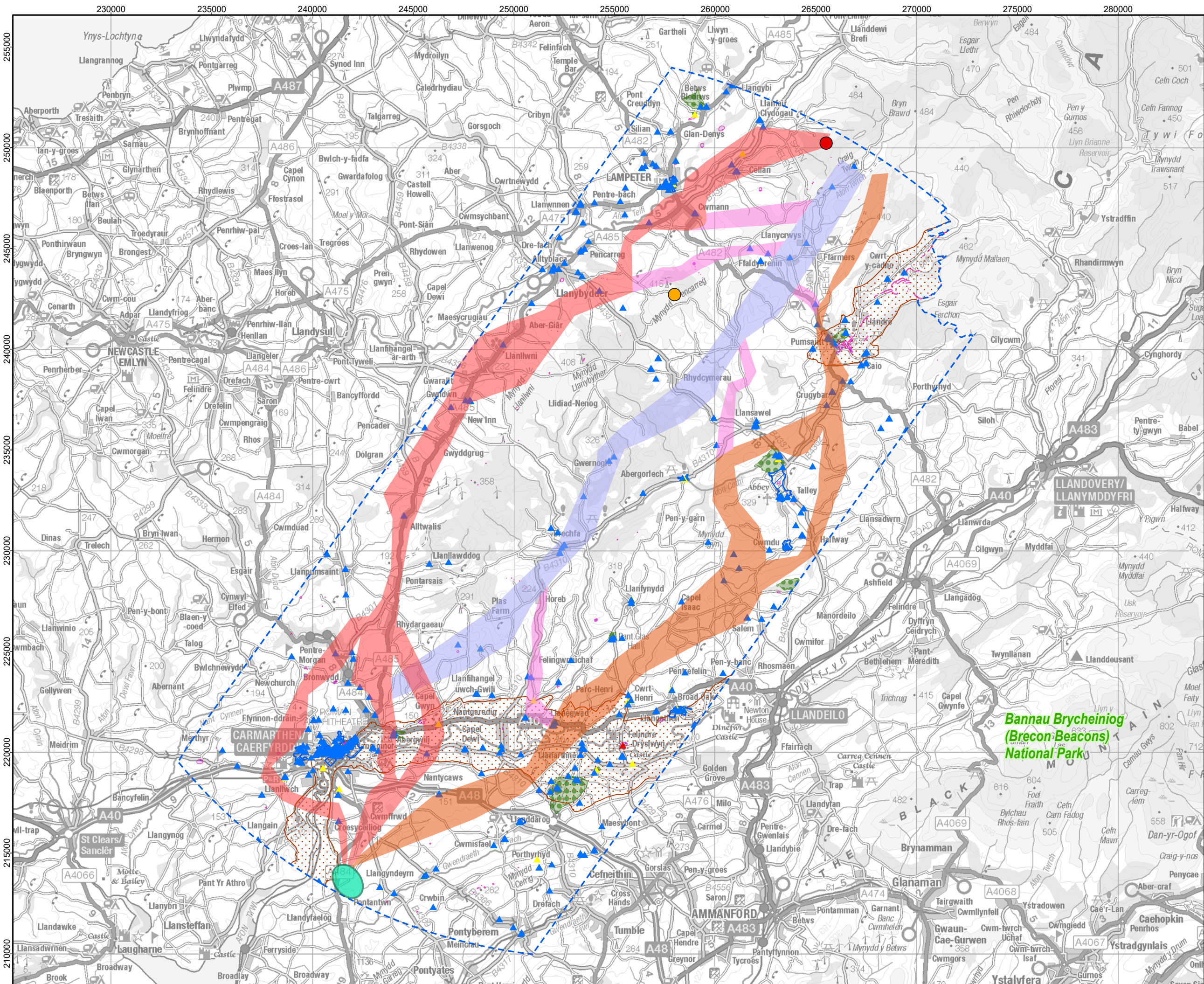
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Legend:

- Indicative location of grid connection to Lan Fawr Energy Park within the energy park site boundary
- Nant Ceiment Energy Park
- Substation Siting Area
- Study Area
- Route Corridors
 - Section A
 - Section B
 - Section C
 - Links (BA / BC)
- Cultural Heritage
 - Scheduled Monuments
 - Historic Parks and Gardens
 - Registered Historic Landscapes (RHL)
 - Listed Building Grade I
 - Listed Building Grade II
 - Listed Building Grade II*
 - Conservation Area

Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter



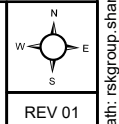
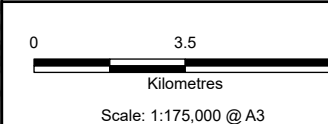
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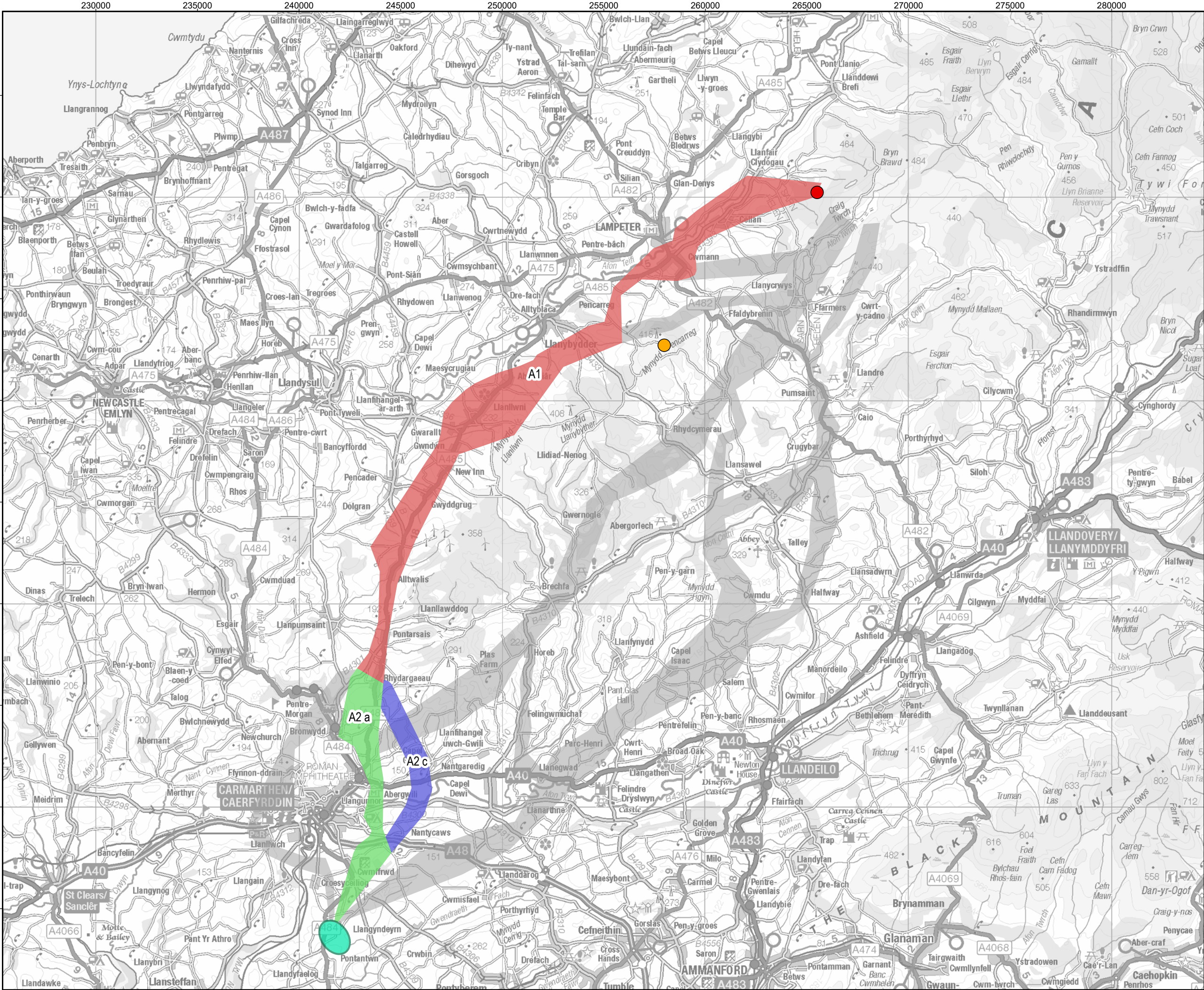
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TITLE: Figure 4-4-3: Criteria and Sub-criteria used in Corridor Appraisal: Cultural Heritage

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Legend:

- Indicative location of grid connection to Lan Fawr Energy Park within the energy park site boundary
- Nant Ceiment Energy Park
- Substation Siting Area

Corridor Options

- Corridor Option A1
- Corridor Option A2a
- Corridor Option A2c

Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936
Units: Meter



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TITLE: Figure 4.5: Preferred Corridor

ID:P663927_RCD_Fig_4.5_A3L

0 3.5 7
Kilometres
Scale: 1:175,000 @ A3

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Consultation January 2024



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