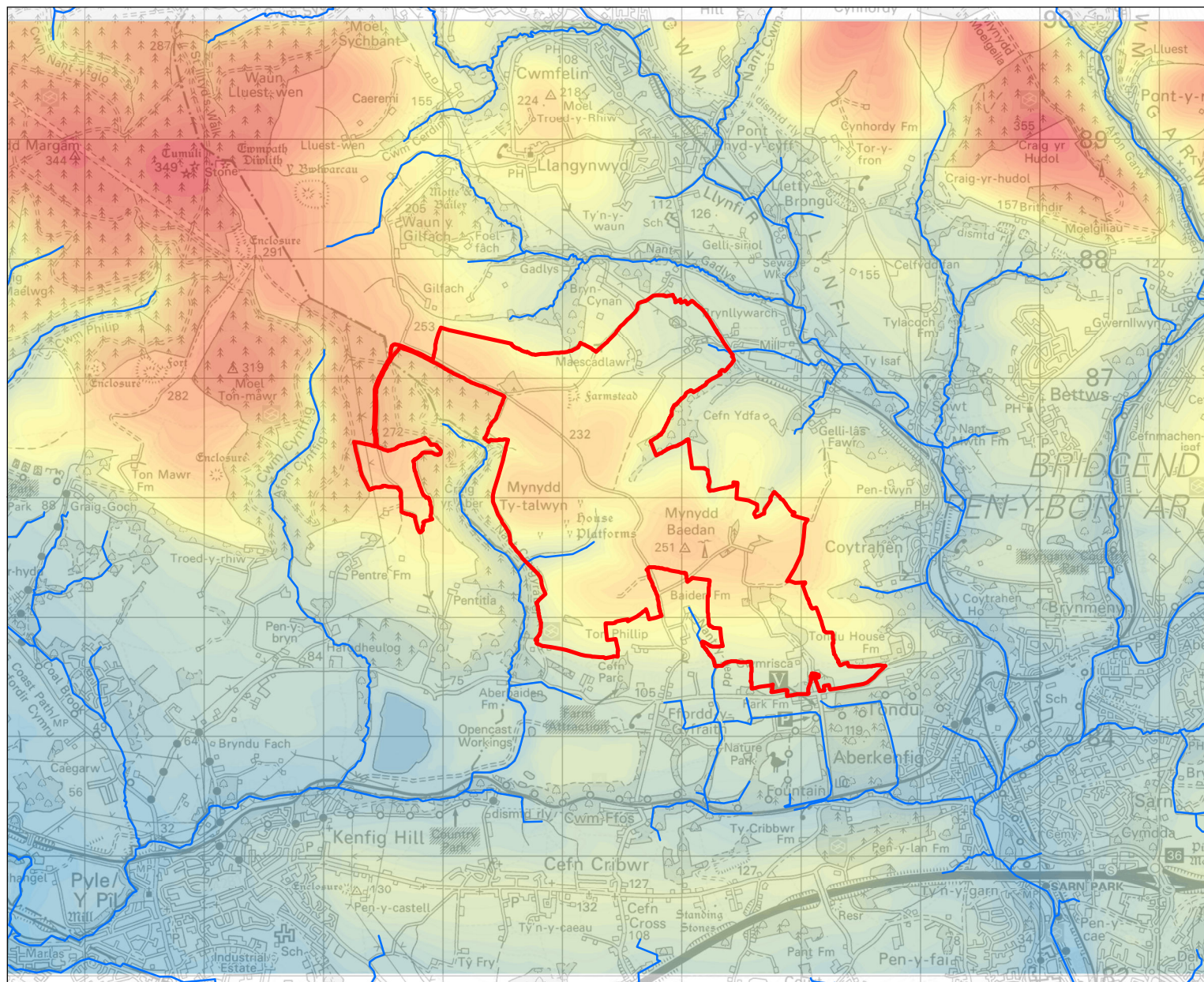




Annex 5: Figures



KEY

- Site Boundary
- Watercourses

Contains OS Open Source Terrain and Rivers data.

Elevation extremes:

Dark blue= 6m aOD
Dark red= 358m aOD

Figure 1: Digital Terrain Model

Mynydd Ty-talwyn Energy Park

Client: Galileo 03 Ltd

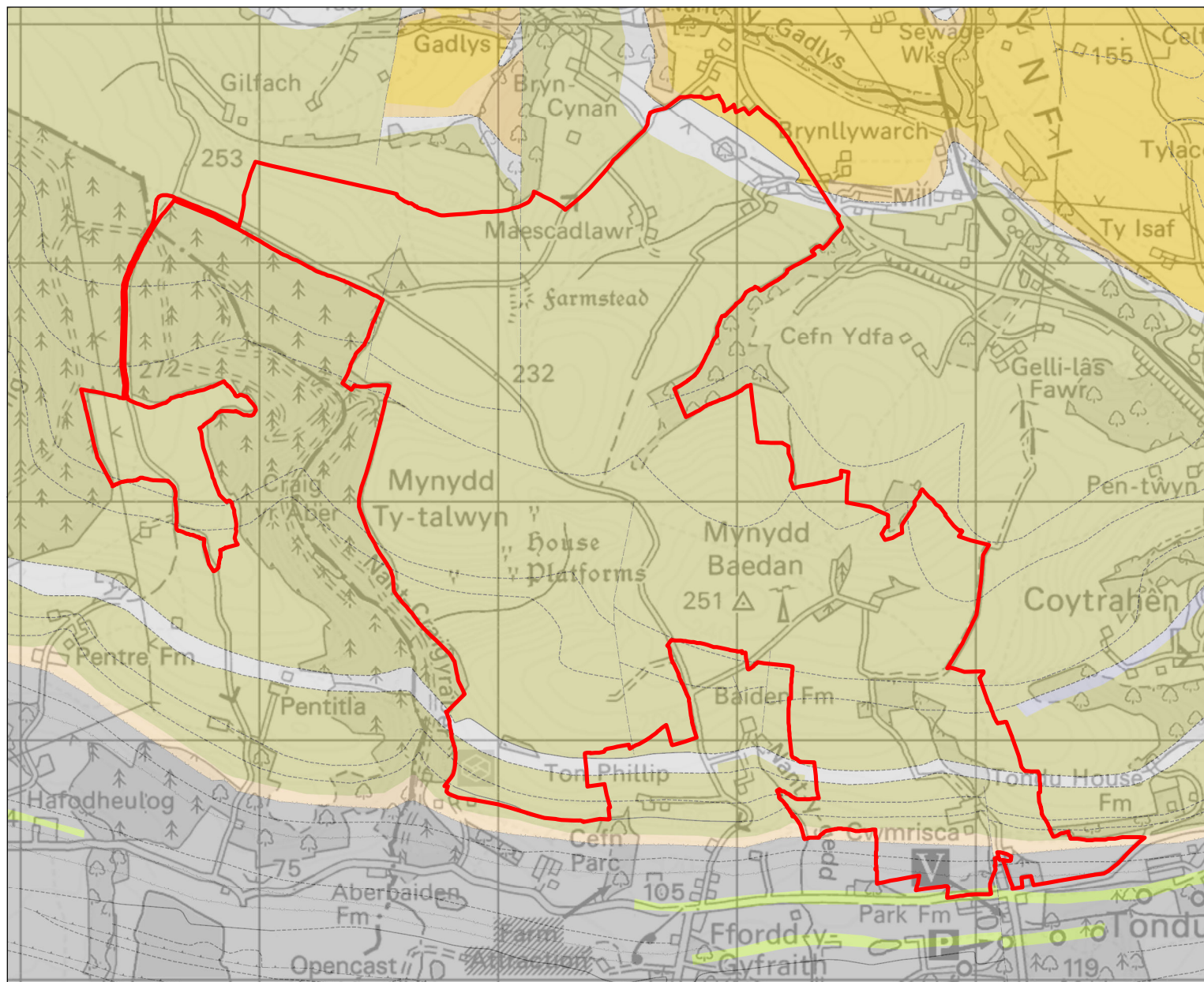
DRWG No: P23-0389_v2

Drawn by: EP

Date: 22/10/2025

Scale: 1:50,000 @ A4

Approved by: GS



KEY

Site Boundary

Bedrock within the site:

Green= Brithdir Member Sandstone
Pale grey= Llynfi Mudstone, Siltstone, Sandstone

Orange= Hughes Member Sandstone
Peach= South Wales Upper Coal Measures

Dark grey= South Wales Middle Coal Measures

Dashed lines= Coal Seams (inferred)

Contains British Geological Survey data.

Figure 2: Bedrock Geology

Mynydd Ty-talwyn Energy Park

Client: Galileo 03 Ltd

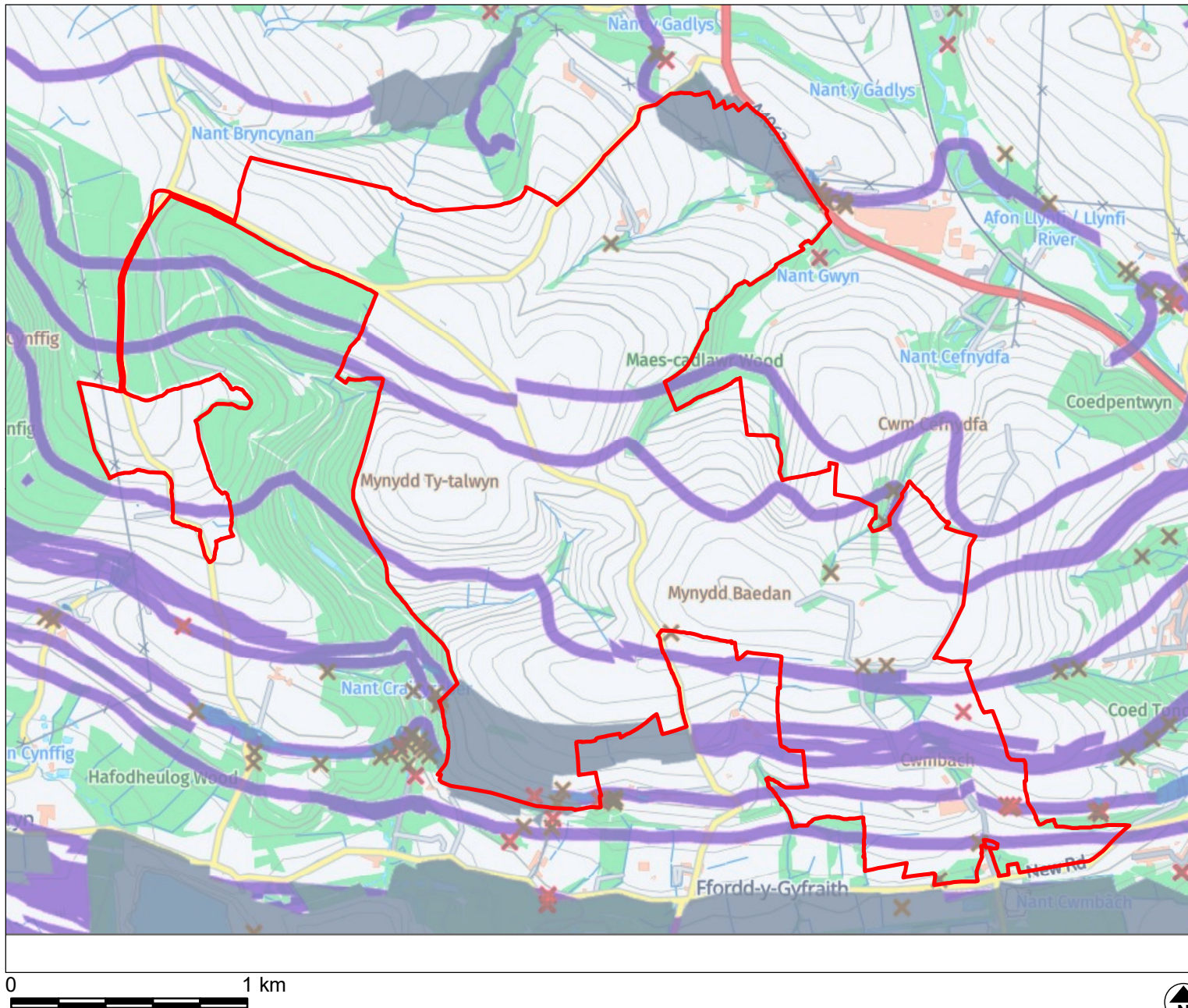
DRWG No: P23-0389_v2

Drawn by: EP

Date: 22/10/2025

Scale: 1:25,000 @ A4

Approved by: GS



KEY

Site Boundary

Map extracted from British Geological Survey's Interactive Map Viewer.

Purple bands = Coal Outcrops
 Grey shading = Surface Coal Mining
 Blue shading = Past Surface Coal Mining
 Brown crosses = Adits
 Red crosses = Shafts

Figure 3: Coal Authority Data

Mynydd Ty-talwyn Energy Park

Client: Galileo 03 Ltd

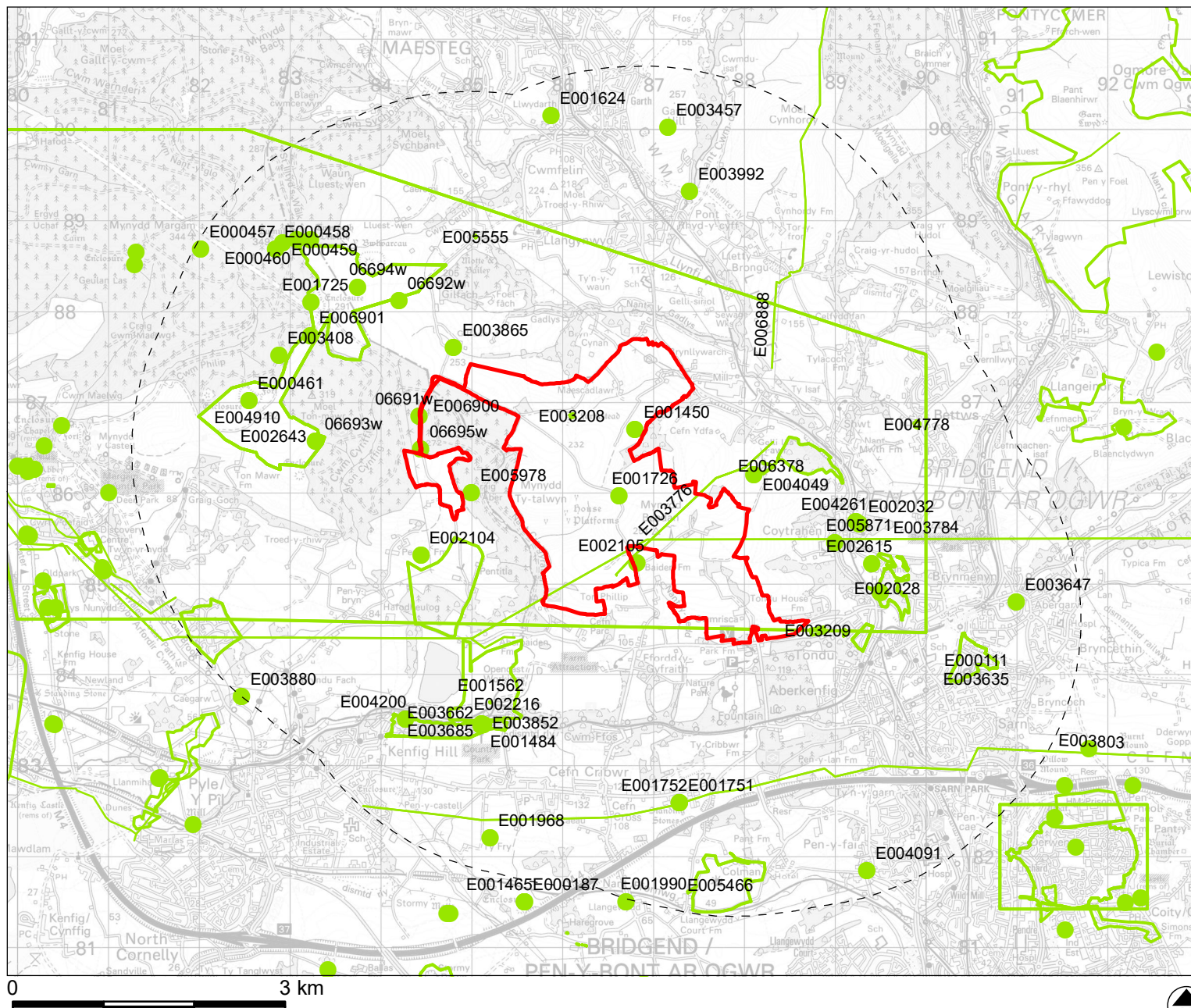
DRWG No: P23-0389_v2

Drawn by: EP

Date: 22/10/2025

Scale: 1:25,000 @ A4

Approved by: GS



KEY

- Site Boundary
- 3km
- Events
- Events
- Events

Contains Heneb (GGAT) Historic Environment Record data, sourced for a 5km radius of the Site (2024). Records within a focussed 3km study area are labelled by their PRN.

Figure 4: HER Events

Mynydd Ty-talwyn Energy Park

Client: Galileo 03 Ltd

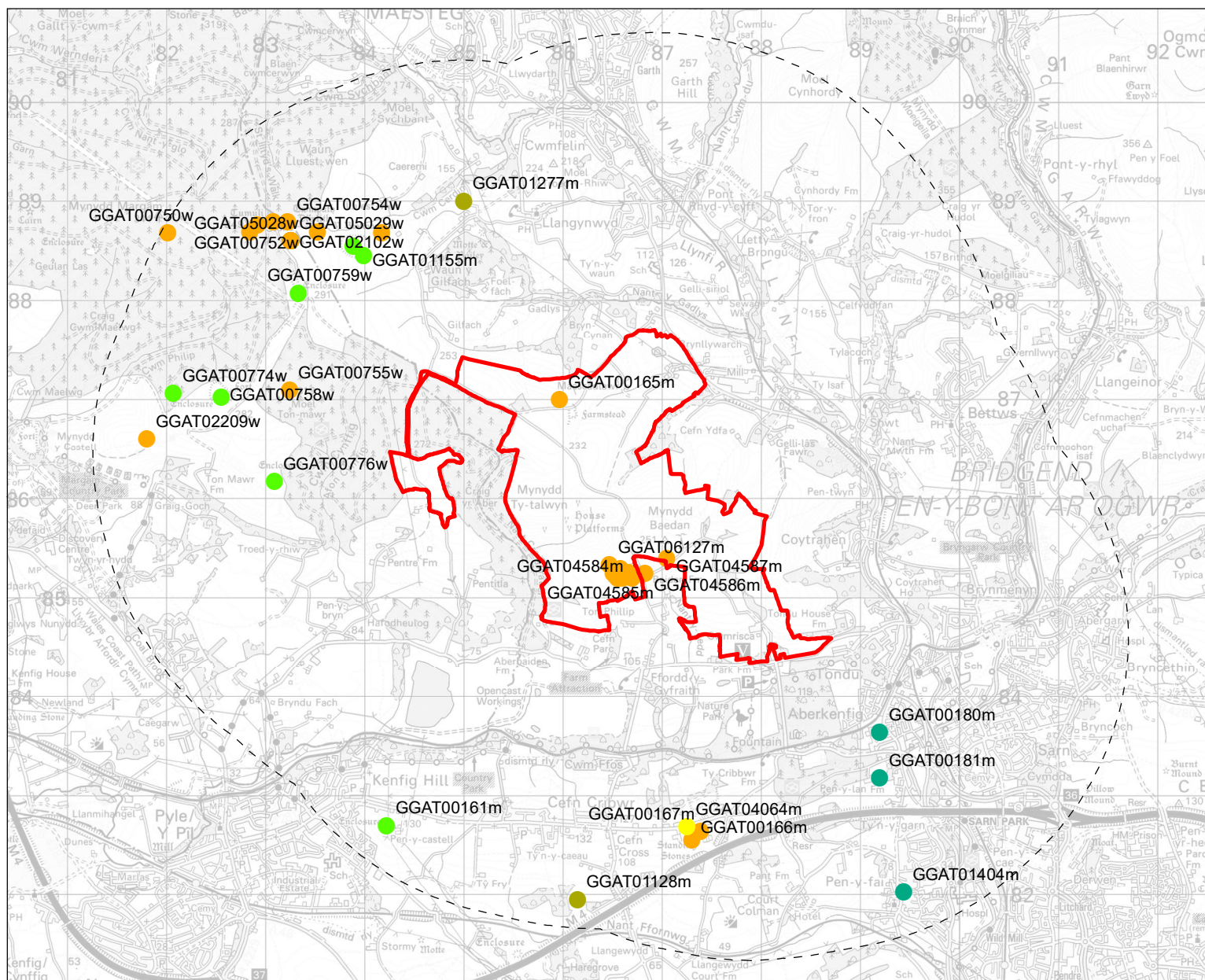
DRWG No: P23-0389_v2

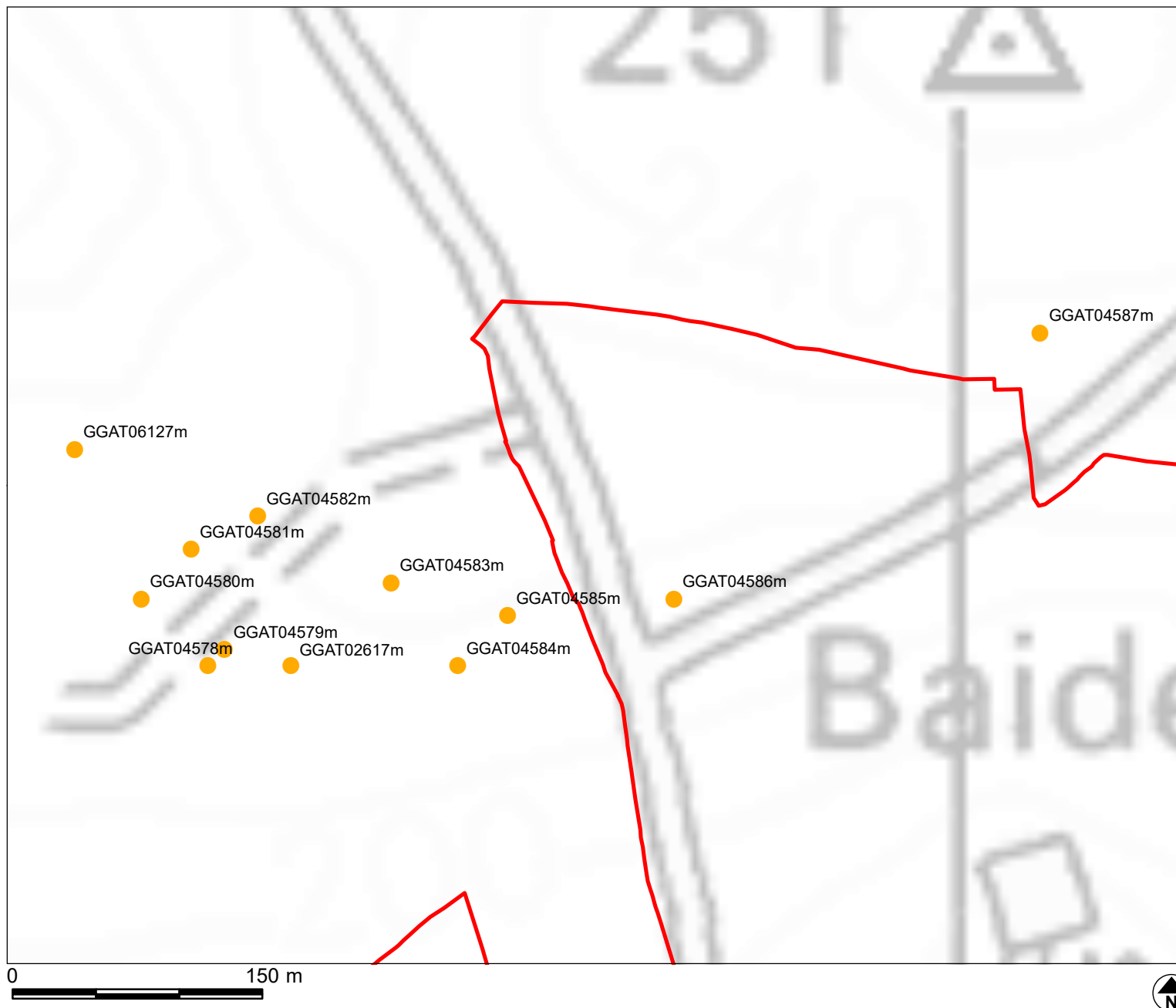
Drawn by: EP

Date: 22/10/2025

Scale: 1:65,000 @ A4

Approved by: GS





KEY

Site Boundary

Period

● BRONZE AGE

● Bronze Age

Contains Heneb (GGAT) Historic Environment Record points data (2024). Records are labelled by their PRN.

Figure 5b: HER Monuments - Prehistoric to Roman (points data only)

Mynydd Ty-talwyn Energy Park

Client: Galileo 03 Ltd

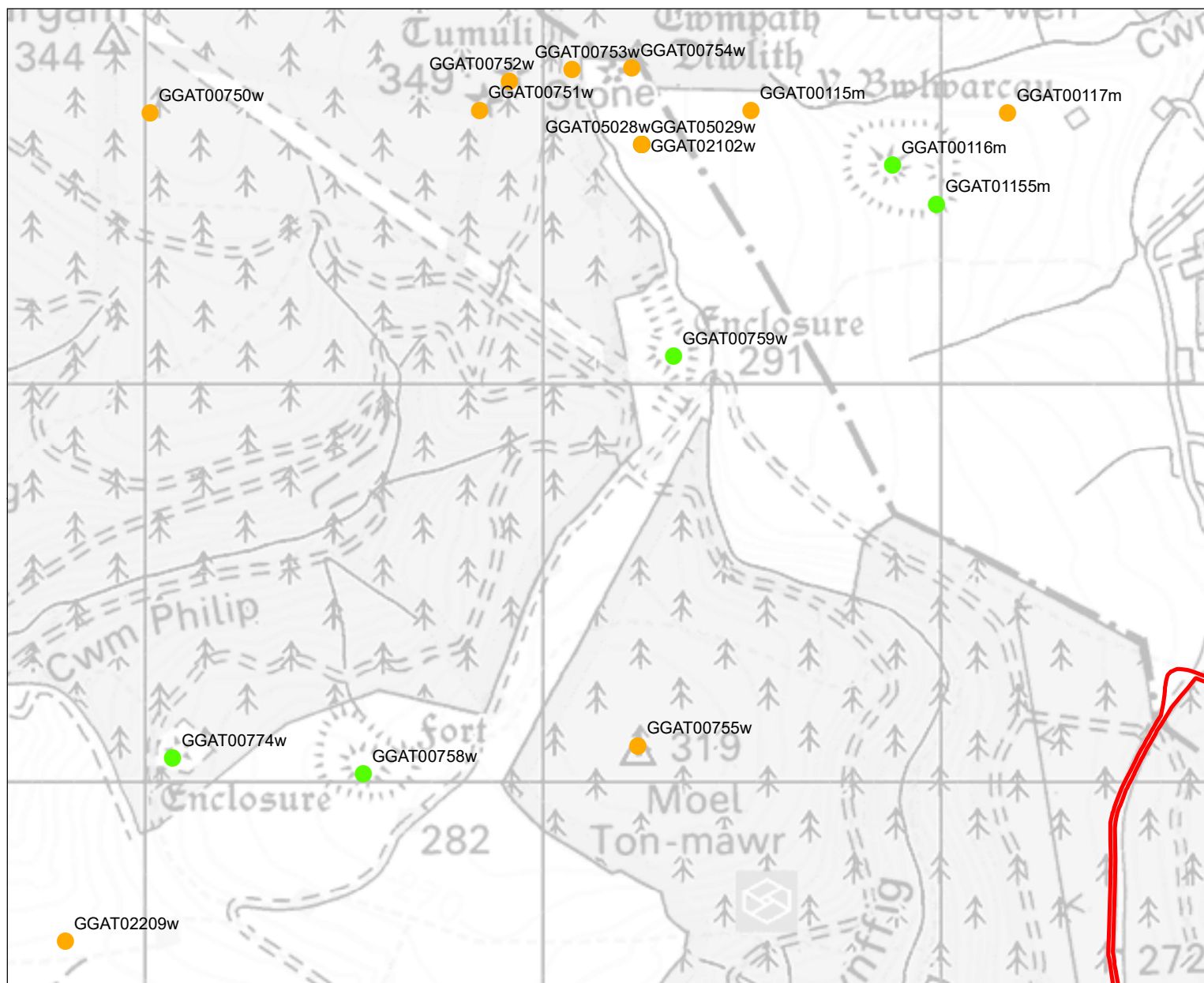
DRWG No: P23-0389_v2

Drawn by: EP

Date: 22/10/2025

Scale: 1:3,500 @ A4

Approved by: GS



KEY

Site Boundary

Period

- Mesolithic
- Neolithic
- Bronze Age
- Iron Age

Contains Heneb (GGAT) Historic Environment Record points data (2024), clipped to a 3km study area and filtered by chronological period. Records are labelled by their PRN.

Figure 5c: HER Monuments - Prehistoric to Roman (points data only)

Mynydd Ty-talwyn Energy Park

Client: Galileo 03 Ltd

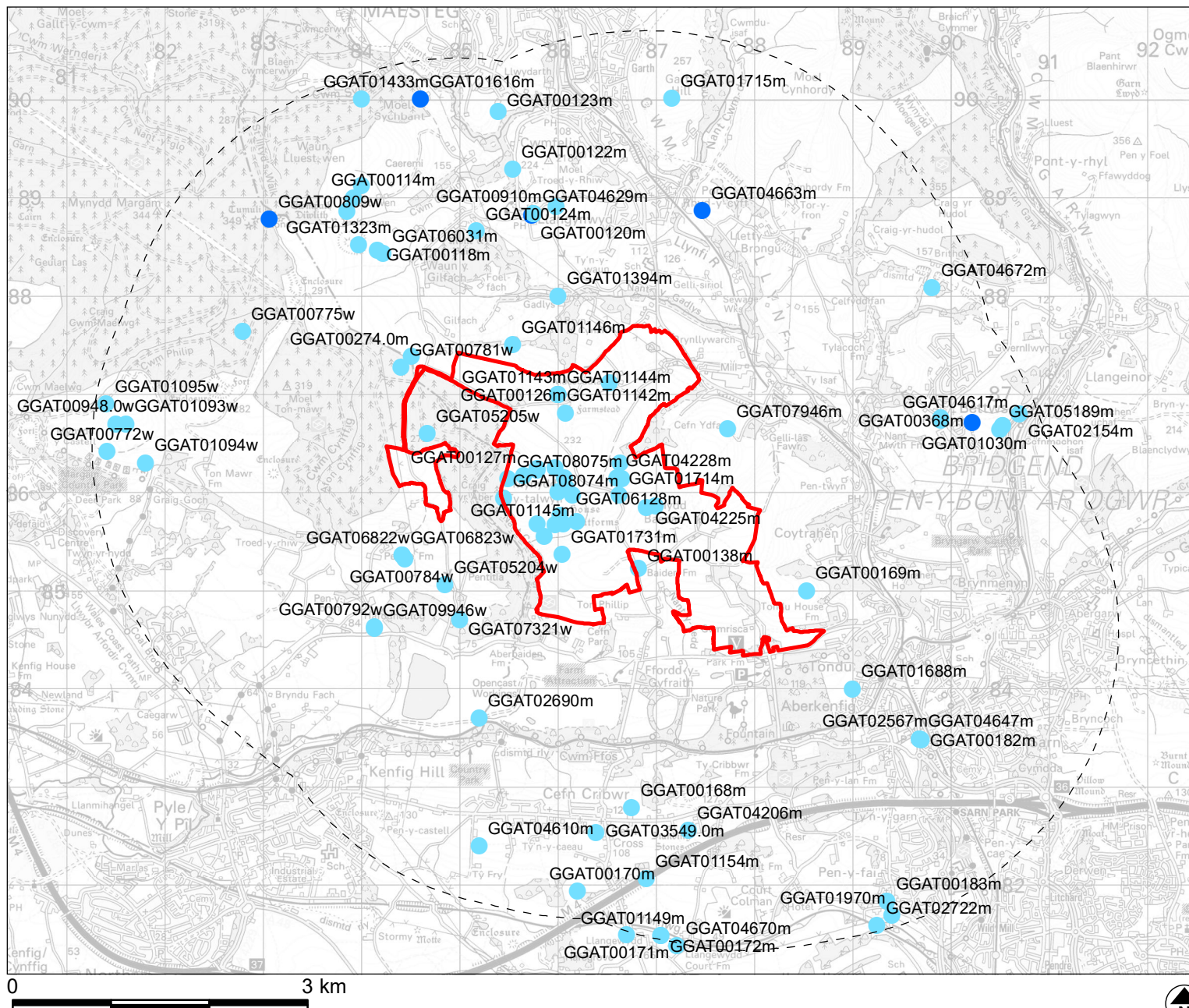
DRWG No: P23-0389_v2

Drawn by: EP

Date: 22/10/2025

Scale: 1:15,000 @ A4

Approved by: GS



KEY

Site Boundary

3km

Period

- Early Medieval
- MEDIEVAL
- Medieval

Contains Heneb (GGAT) Historic Environment Record points data (2024), clipped to a 3km study area and filtered by chronological period. Records are labelled by their PRN.

Figure 6a: HER Monuments - Early Medieval to Medieval (points data only)

Mynydd Ty-talwyn Energy Park

Client: Galileo 03 Ltd

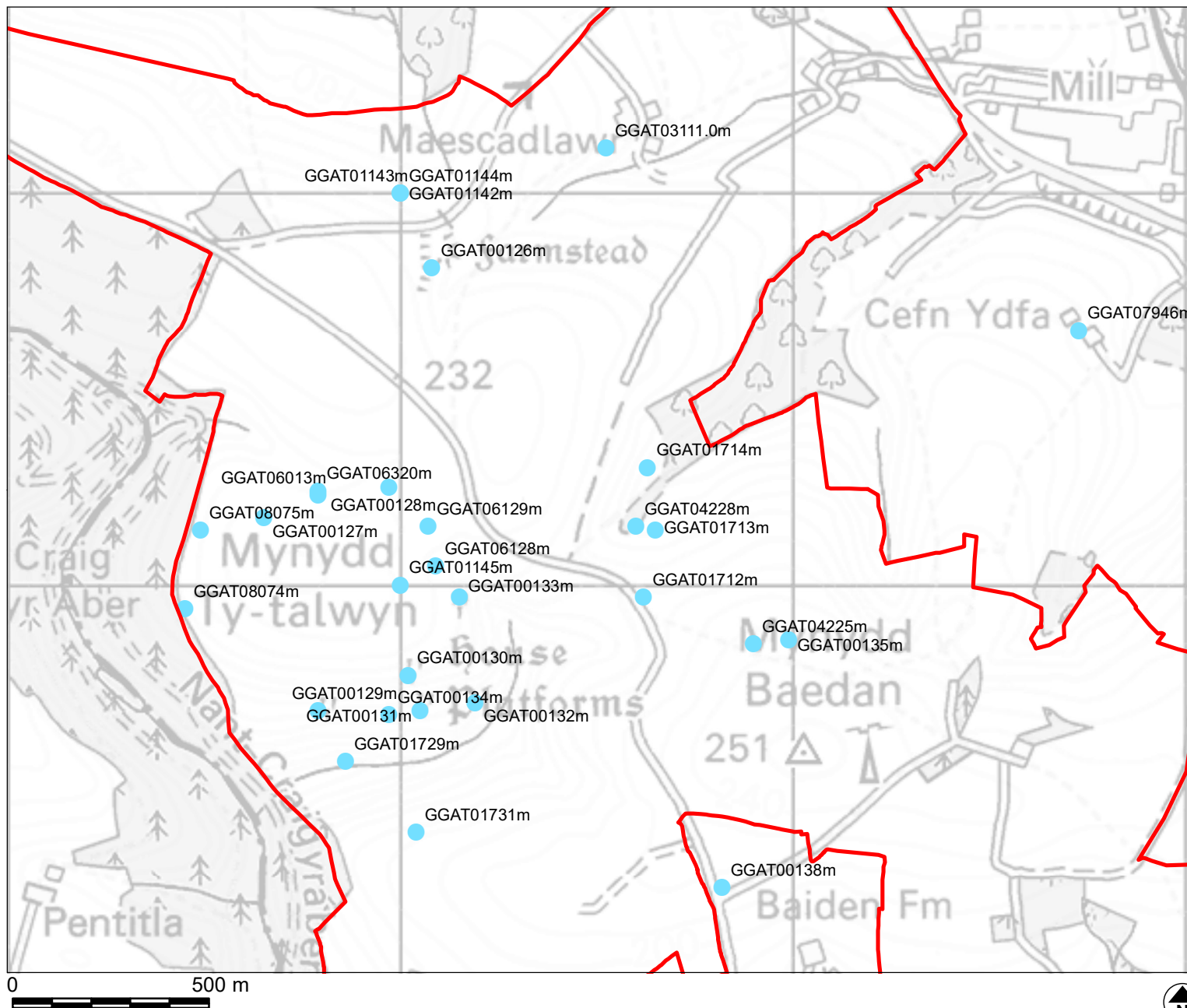
DRWG No: P23-0389_v2

Drawn by: EP

Date: 22/10/2025

Scale: 1:60,000 @ A4

Approved by: GS



KEY

Site Boundary

Period

● MEDIEVAL

● Medieval

Contains Heneb (GGAT) Historic Environment Record points data (2024), clipped to a 3km study area and filtered by chronological period. Records are labelled by their PRN.

Figure 6b: HER Monuments - Early Medieval to Medieval (points data only)

Mynydd Ty-talwyn Energy Park

Client: Galileo 03 Ltd

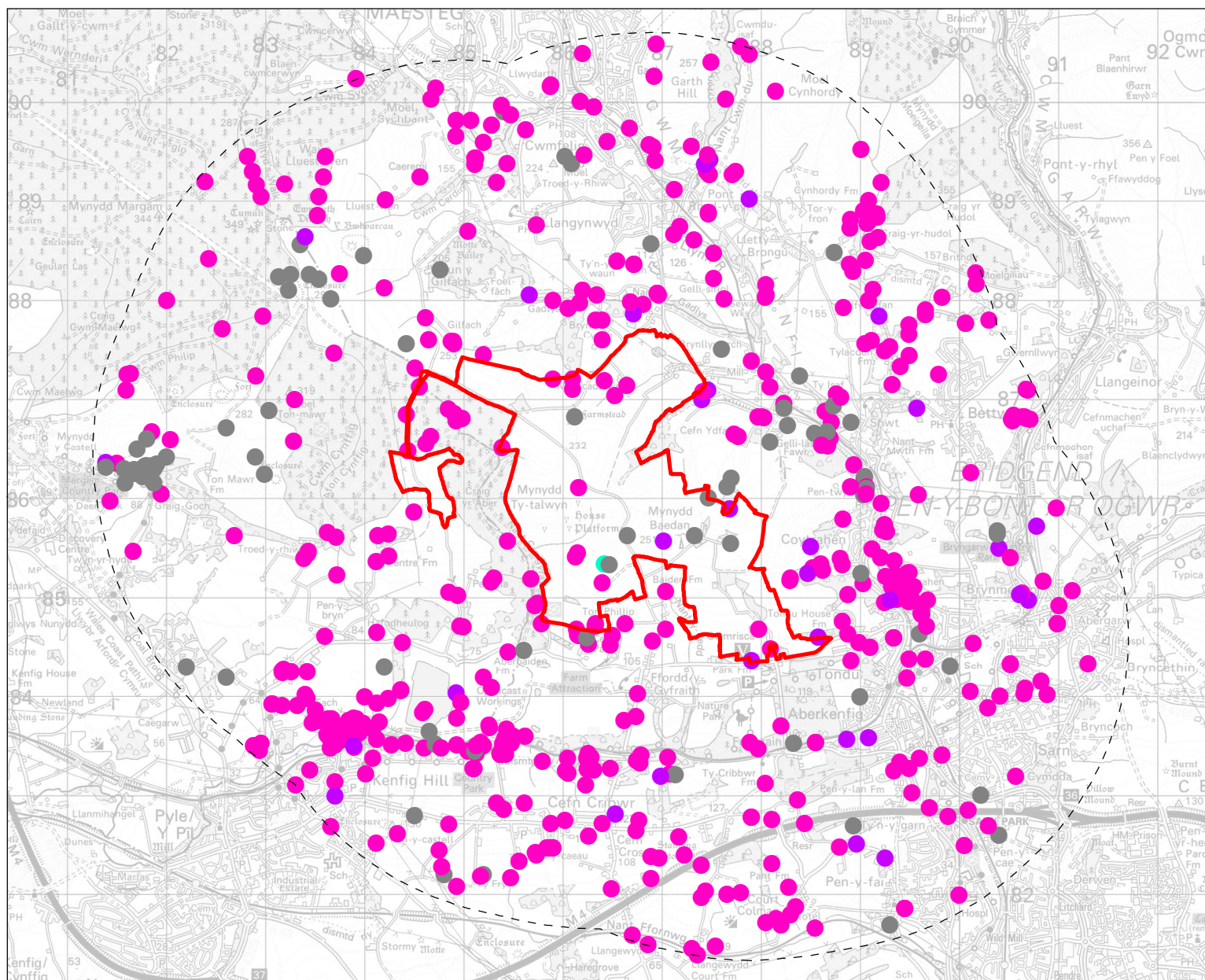
DRWG No: P23-0389_v2

Drawn by: EP

Date: 22/10/2025

Scale: 1:15,000 @ A4

Approved by: GS



KEY

Site Boundary

3km

Period

- POST MEDIEVAL
- POST MEDIEVAL,MODERN
- MODERN
- Modern
- MULTIPERIOD
- UNKNOWN
- Unknown
- -

Contains Heneb (GGAT) Historic Environment Record points data (2024), clipped to a 3km study area and filtered by chronological period. Records are not labelled due to the large volume.

Figure 7a: HER Monuments - Post Medieval to Modern (points data only)

Mynydd Ty-talwyn Energy Park

Client: Galileo 03 Ltd

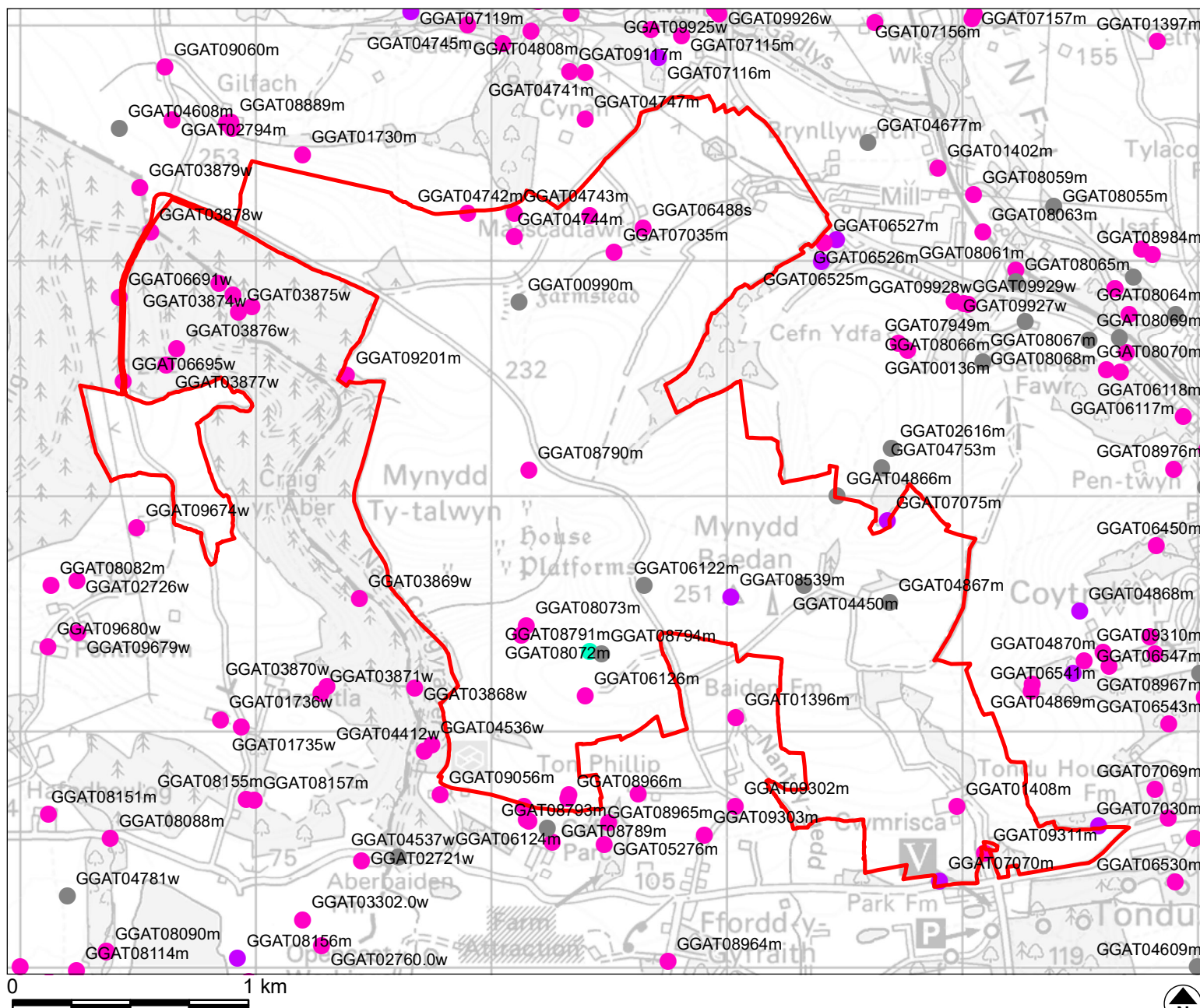
DRWG No: P23-0389_v2

Drawn by: EP

Date: 22/10/2025

Scale: 1:60,000 @ A4

Approved by: GS



KEY

Site Boundary

Period

- POST MEDIEVAL
- MODERN
- MULTIPERIOD
- UNKNOWN

Contains Heneb (GGAT) Historic Environment Record points data (2024), clipped to a 3km study area and filtered by chronological period. Records are labelled by their PRN.

Figure 7b: HER Monuments - Post Medieval to Modern (points data only)

Mynydd Ty-talwyn Energy Park

Client: Galileo 03 Ltd

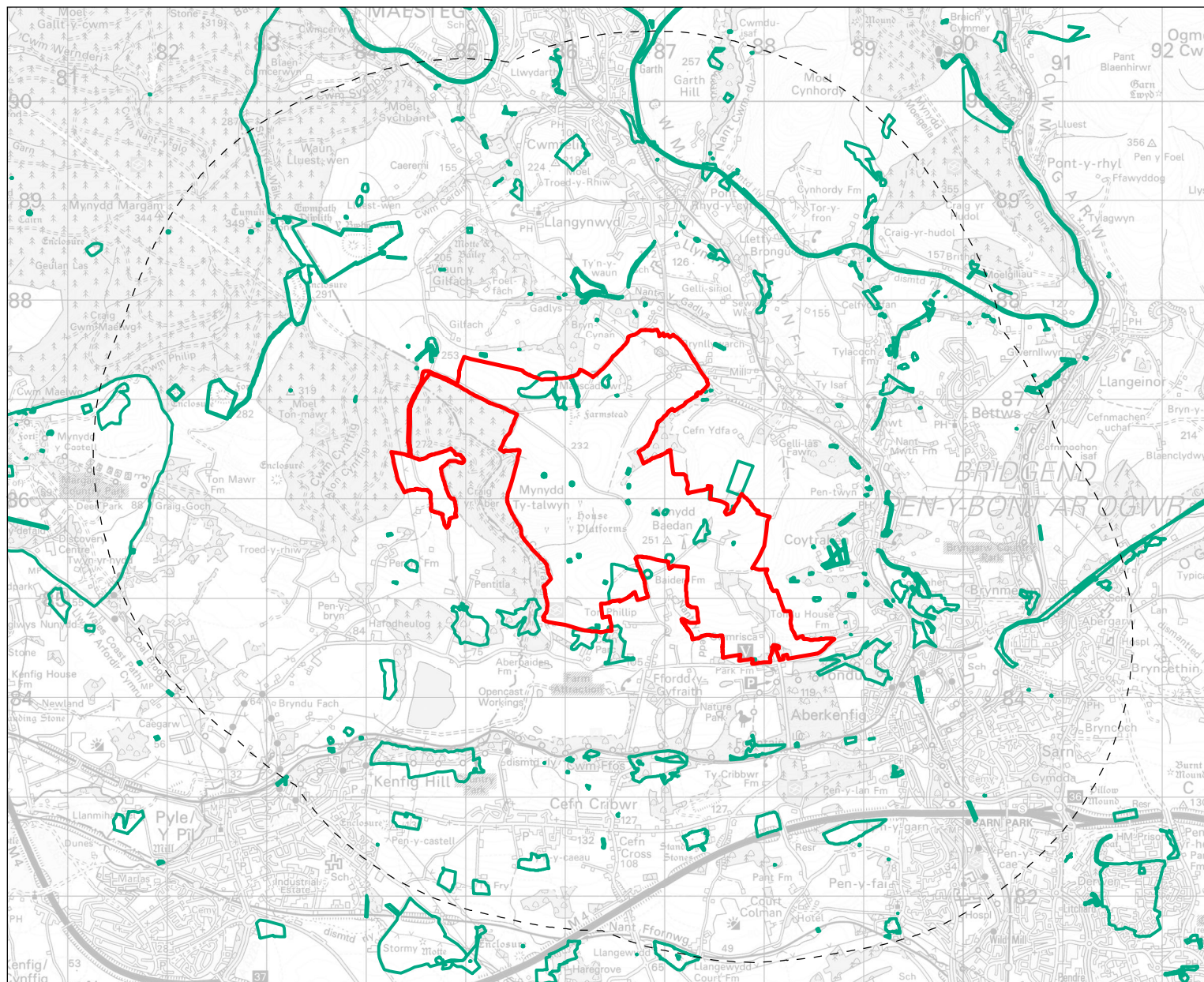
DRWG No: P23-0389_v2

Drawn by: EP

Date: 22/10/2025

Scale: 1:25,000 @ A4

Approved by: GS



KEY

- Site Boundary
- 3km
- HER polygons

Contains Heneb (GGAT) Historic Environment Record polygons data (2024). The date of the records is not provided in the attribute table and so it is not possible to filter by period.

Figure 8a: HER Monuments (polygons data only)

Mynydd Ty-talwyn Energy Park

Client: Galileo 03 Ltd

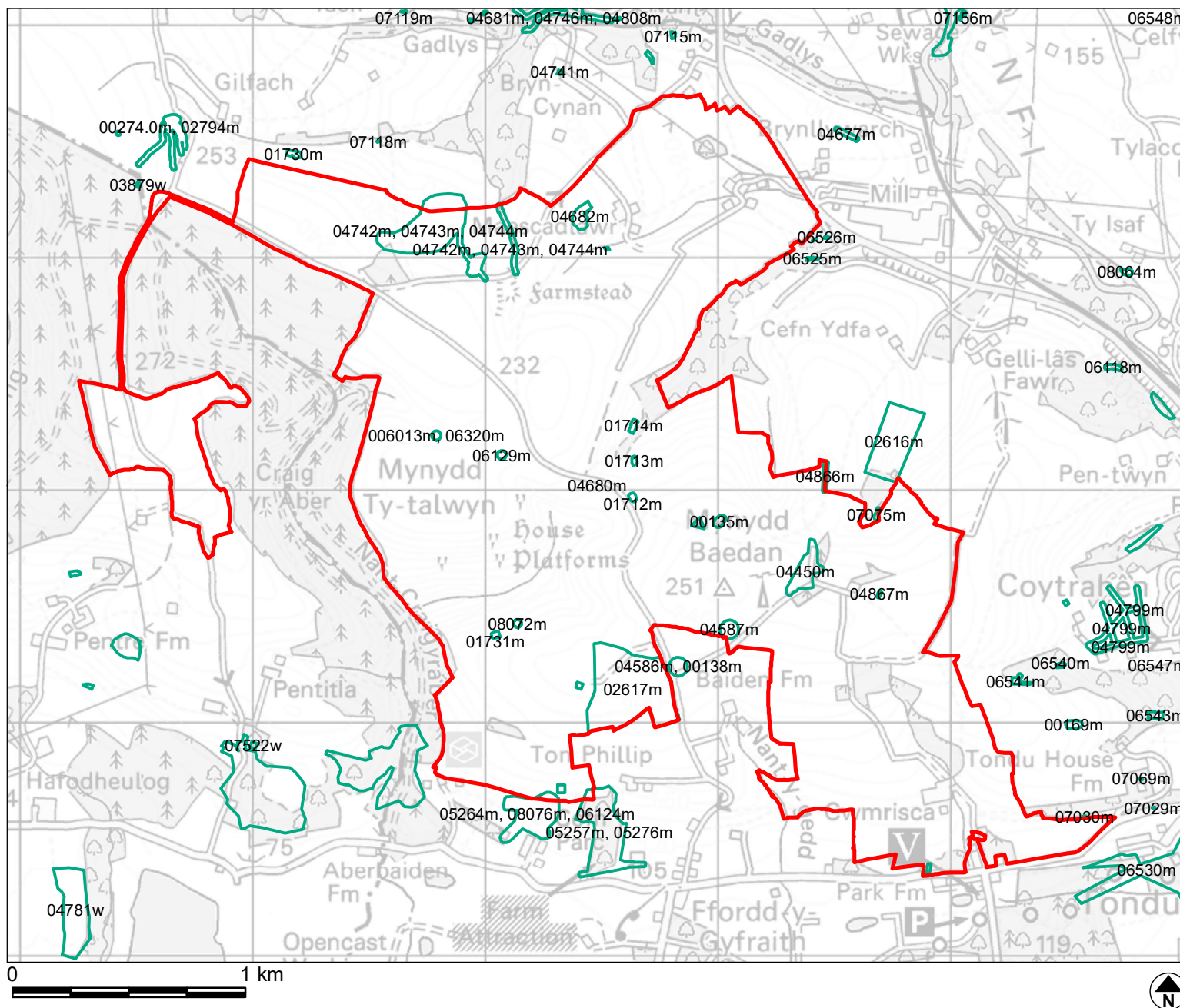
DRWG No: P23-0389_v2

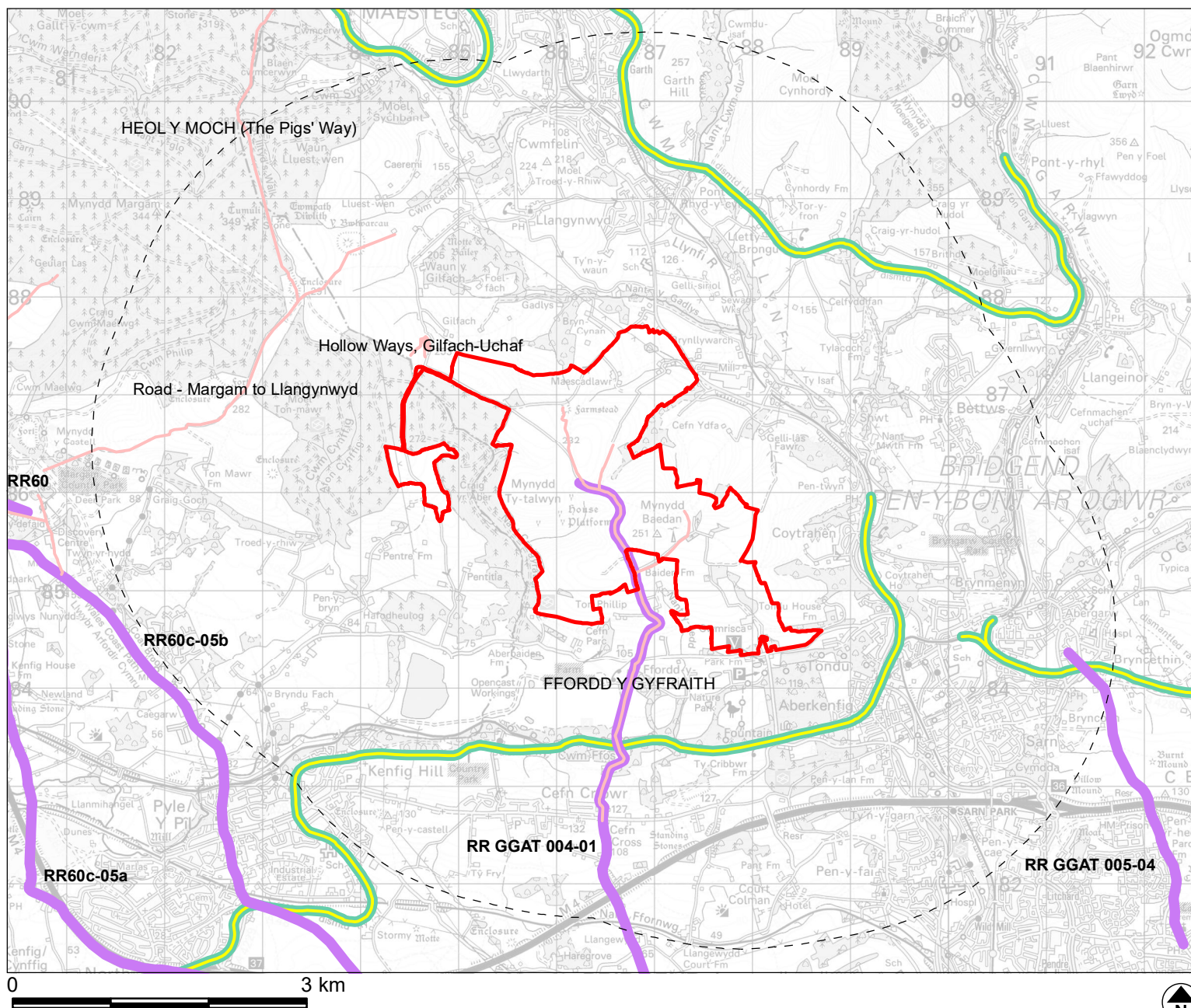
Drawn by: EP

Date: 22/10/2025

Scale: 1:60,000 @ A4

Approved by: GS





KEY

- Site Boundary
- 3km
- Roman roads
- Historic roads
- Tramway lines
- Railway lines

Contains Heneb (GGAT) Historic Environment Record points data (2024).

Roman roads labelled by name in bold.
Medieval roads labelled by name in non-bold.

Figure 9: HER Monuments (lines data only)

Mynydd Ty-talwyn Energy Park

Client: Galileo 03 Ltd

DRWG No: P23-0389_v2

Drawn by: EP

Date: 22/10/2025

Scale: 1:60,000 @ A4

Approved by: GS



KEY

Site Boundary

Image courtesy of The Genealogist.

Figure 10: 1839 Tithe Map

Mynydd Ty-talwyn Energy Park

Client: Galileo 03 Ltd

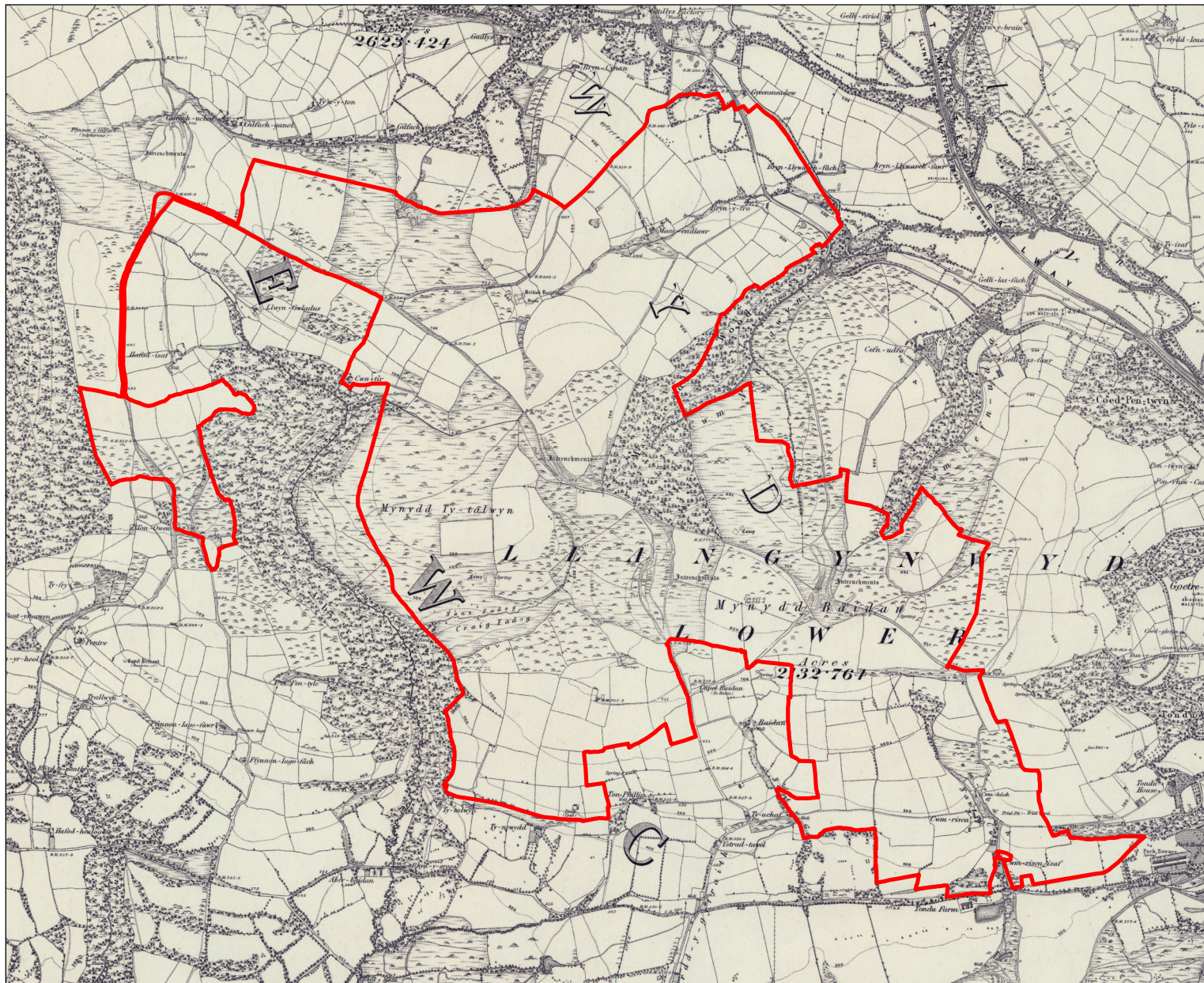
DRWG No: P23-0389_v2

Drawn by: EP

Date: 22/10/2025

Scale: 1:25,000 @ A4

Approved by: GS



KEY

Site Boundary

Image courtesy of the National Library of Scotland.

Figure 11: 1884 OS Map

Mynydd Ty-talwyn Energy Park

Client: Galileo 03 Ltd

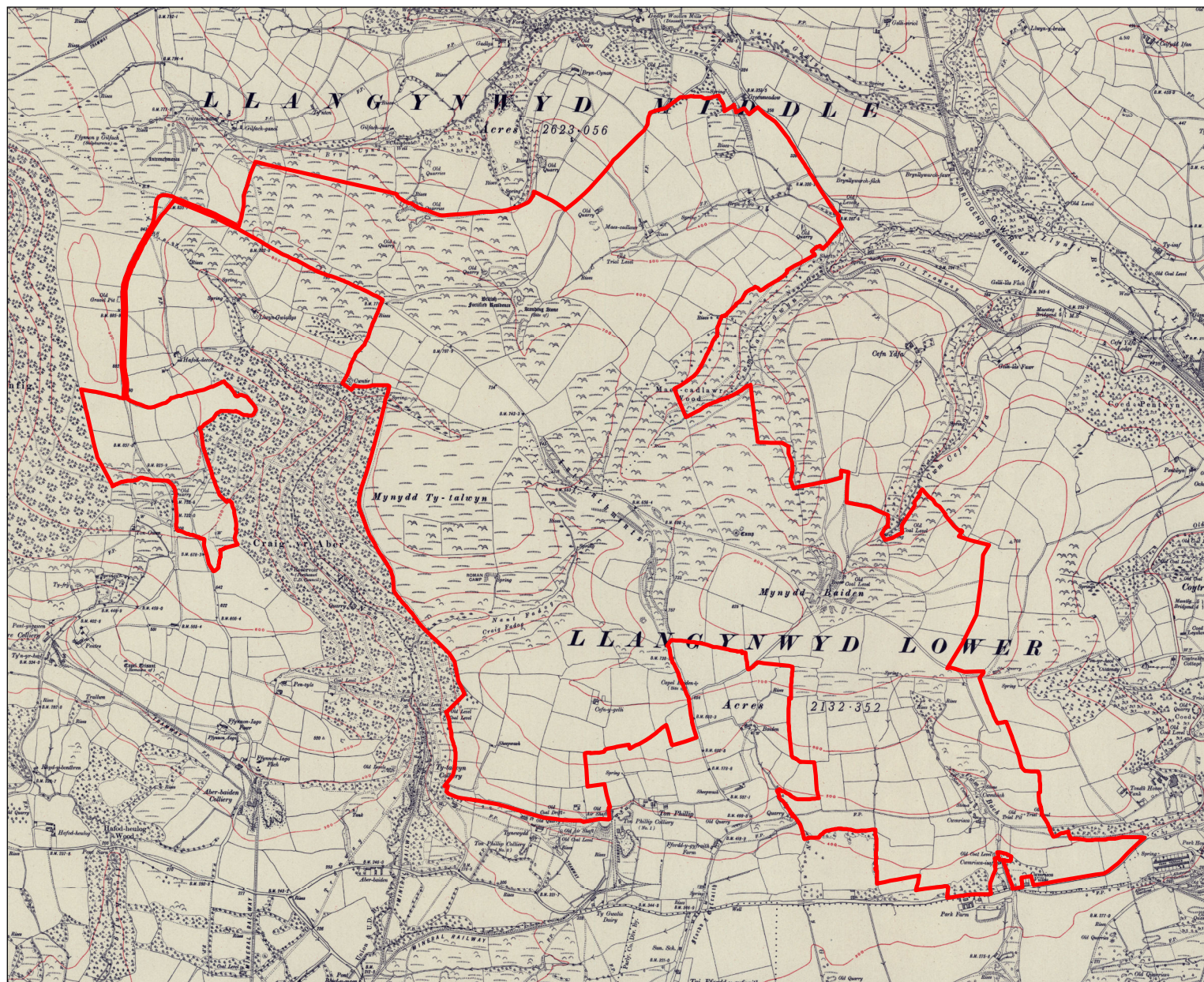
DRWG No: P23-0389_v2

Drawn by: EP

Date: 22/10/2025

Scale: 1:25,000 @ A4

Approved by: GS



KEY

Site Boundary

Image courtesy of the National Library of Scotland.

Figure 12: 1921 OS Map

Mynydd Ty-talwyn Energy Park

Client: Galileo 03 Ltd

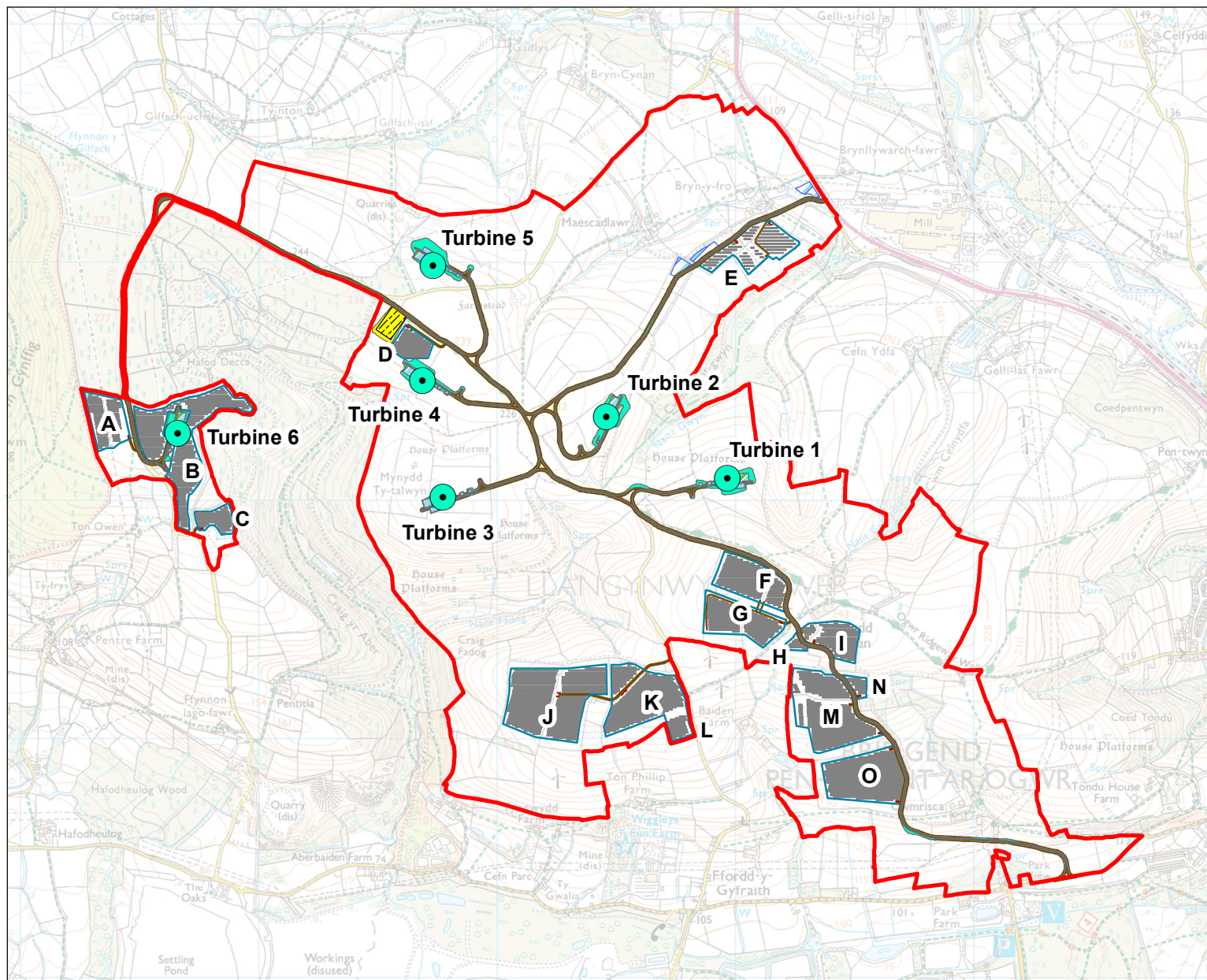
DRWG No: P23-0389_v2

Drawn by: EP

Date: 22/10/2025

Scale: 1:25,000 @ A4

Approved by: GS



KEY

- Site Boundary
- Turbine Locations
- Earthworks Cut
- Earthworks Fill
- Hardstandings
- Access Track
- Northern Access Passing Places
- Solar Panel Layout
- Solar Inverters-Transformers
- Solar Parcel Fences
- Solar Track
- Temporary Solar Track
- Substation Platform
- Substation Earthworks Fill
- Temporary Construction Compounds

Figure 13: Proposed Development Layout

Mynydd Ty-talwyn Energy Park

Client: Galileo 03 Ltd

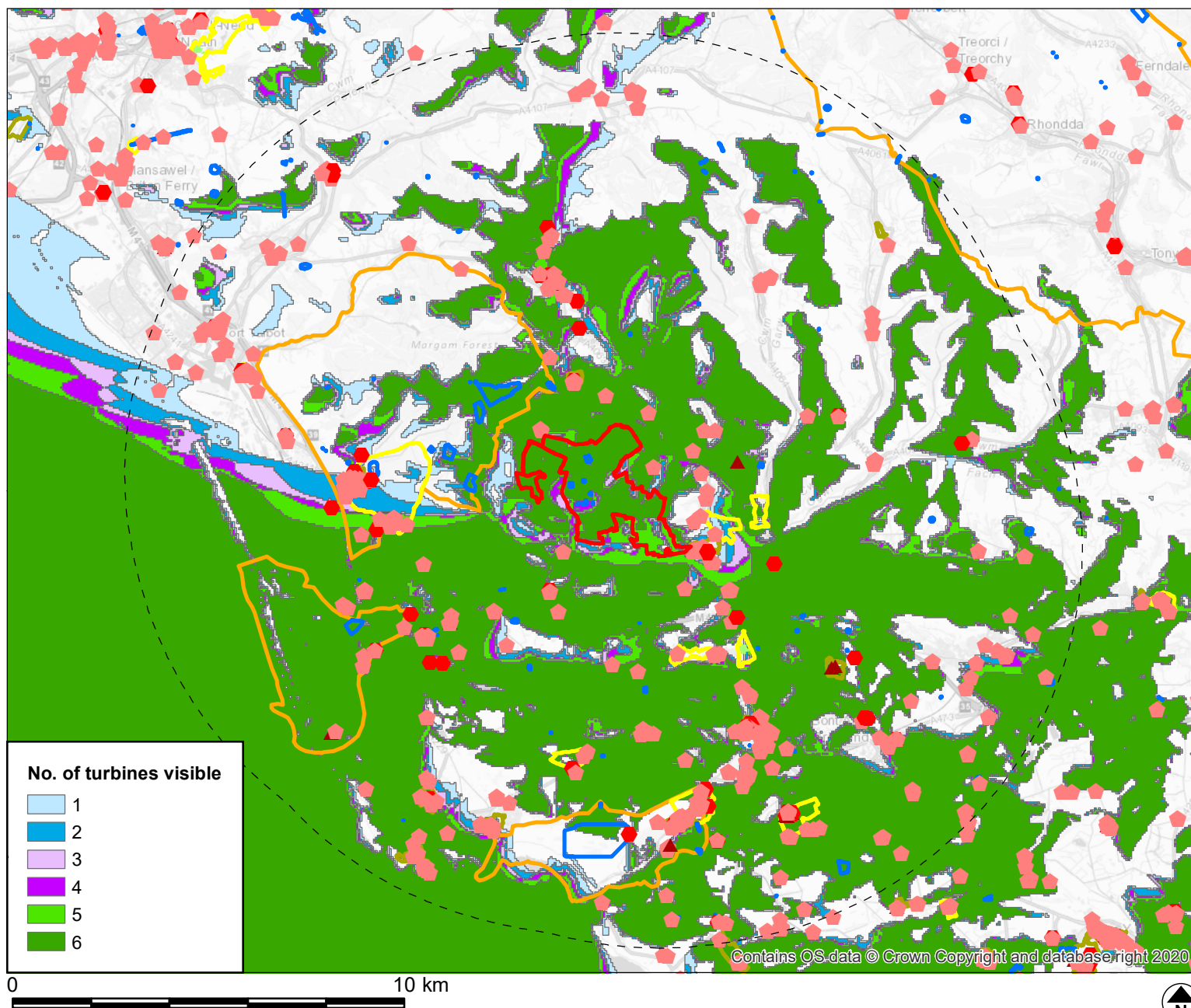
DRWG No: P23-0389_v2

Drawn by: EP

Date: 22/10/2025

Scale: 1:25,000 @ A4

Approved by: GS



Contains Cadw data.

Figure 14a: Designated Historic Assets within 10km in context of Wind BT ZTV (Year 0)

Mynydd Ty-talwyn Energy Park

Client: Galileo 03 Ltd

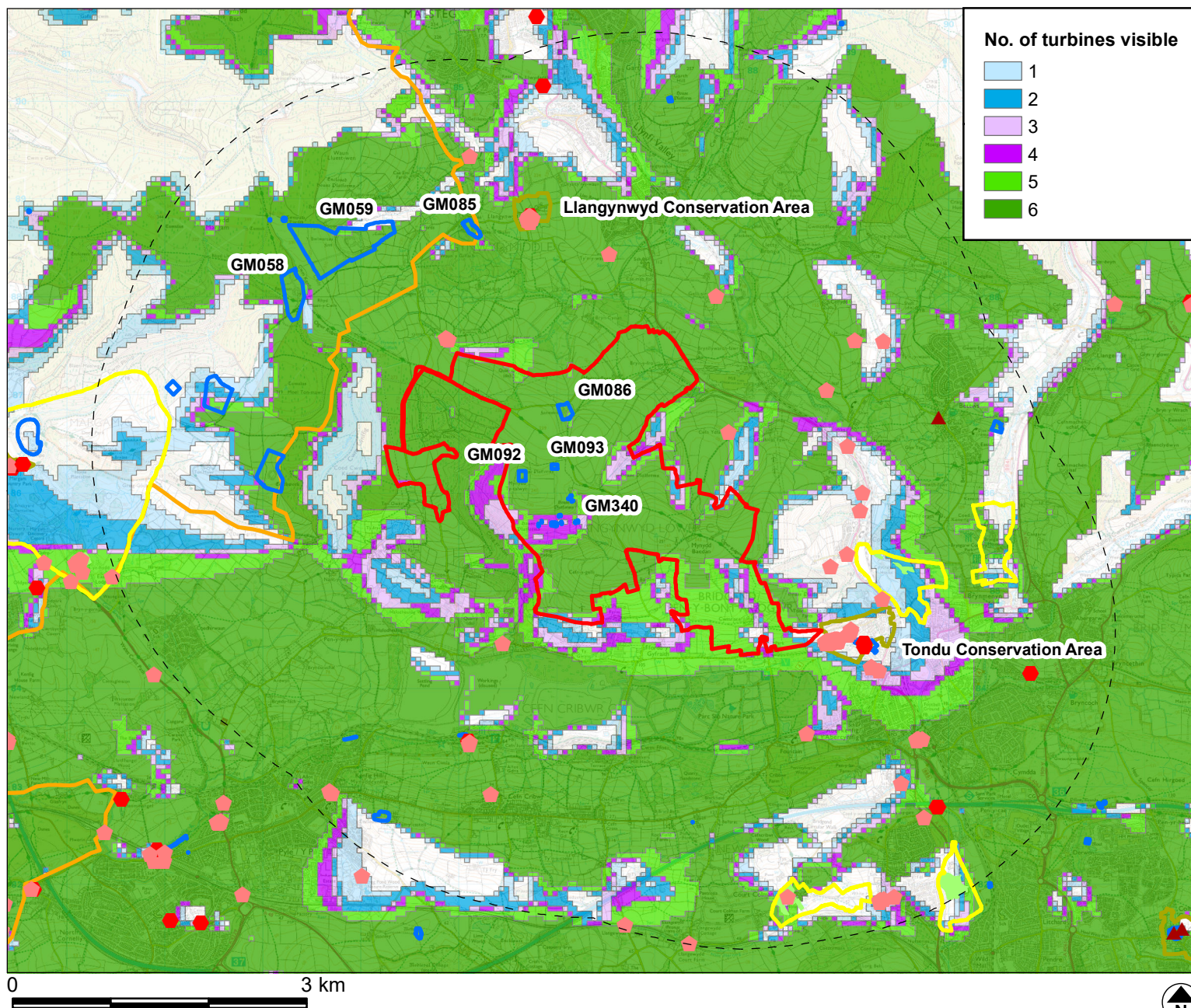
DRWG No: P23-0389_v2

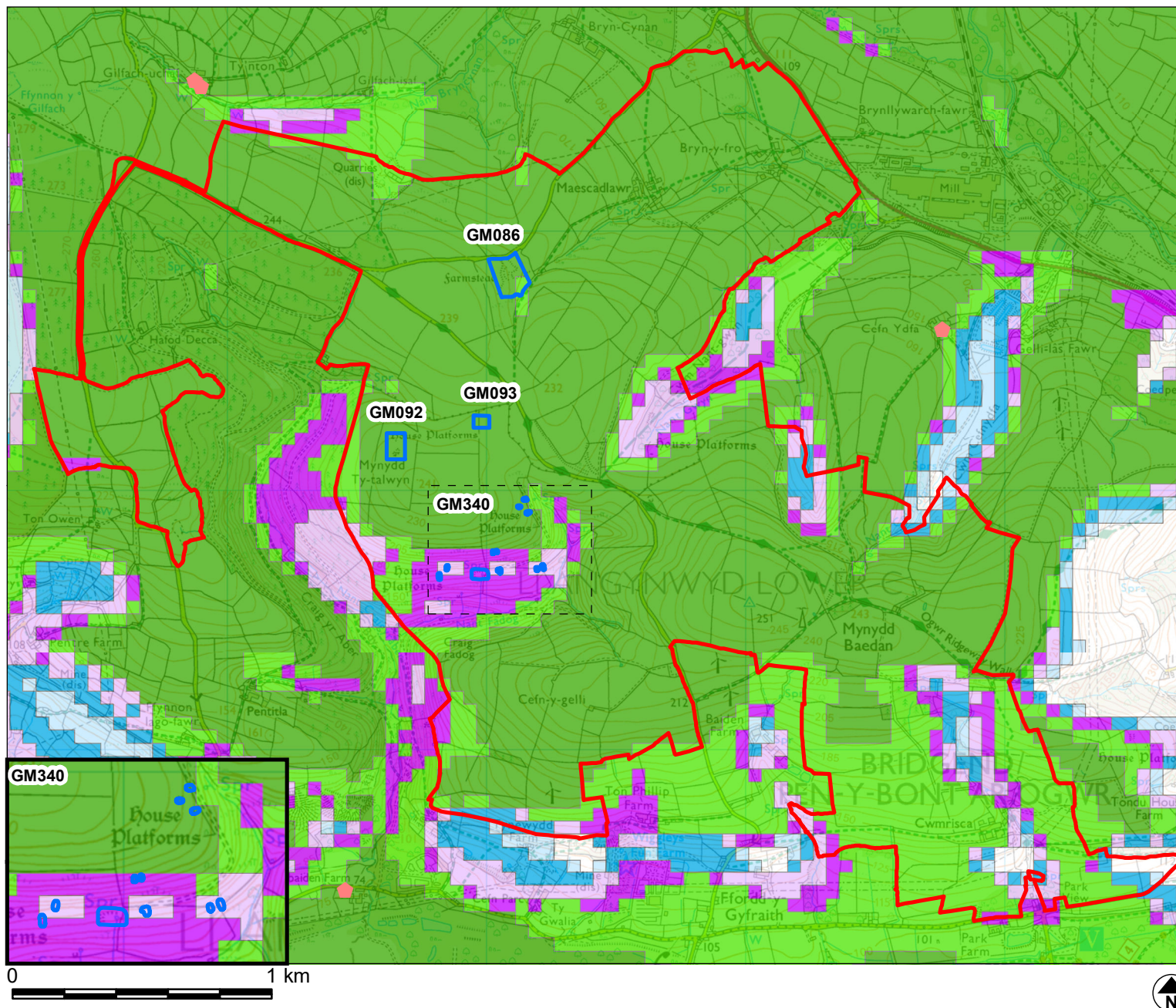
Drawn by: EP

Date: 22/10/2025

Scale: 1:150,000 @ A4

Approved by: GS





KEY

- Site Boundary
- Scheduled Monuments

Listed Buildings

Grade

- ◆ II

No. of turbines visible

- 1
- 2
- 3
- 4
- 5
- 6

Scheduled Monuments are labelled by their SAM number.

Figure 14c: Designated Historic Assets within Site in context of Wind BT ZTV (Year 0)

Mynydd Ty-talwyn Energy Park

Client: Galileo 03 Ltd

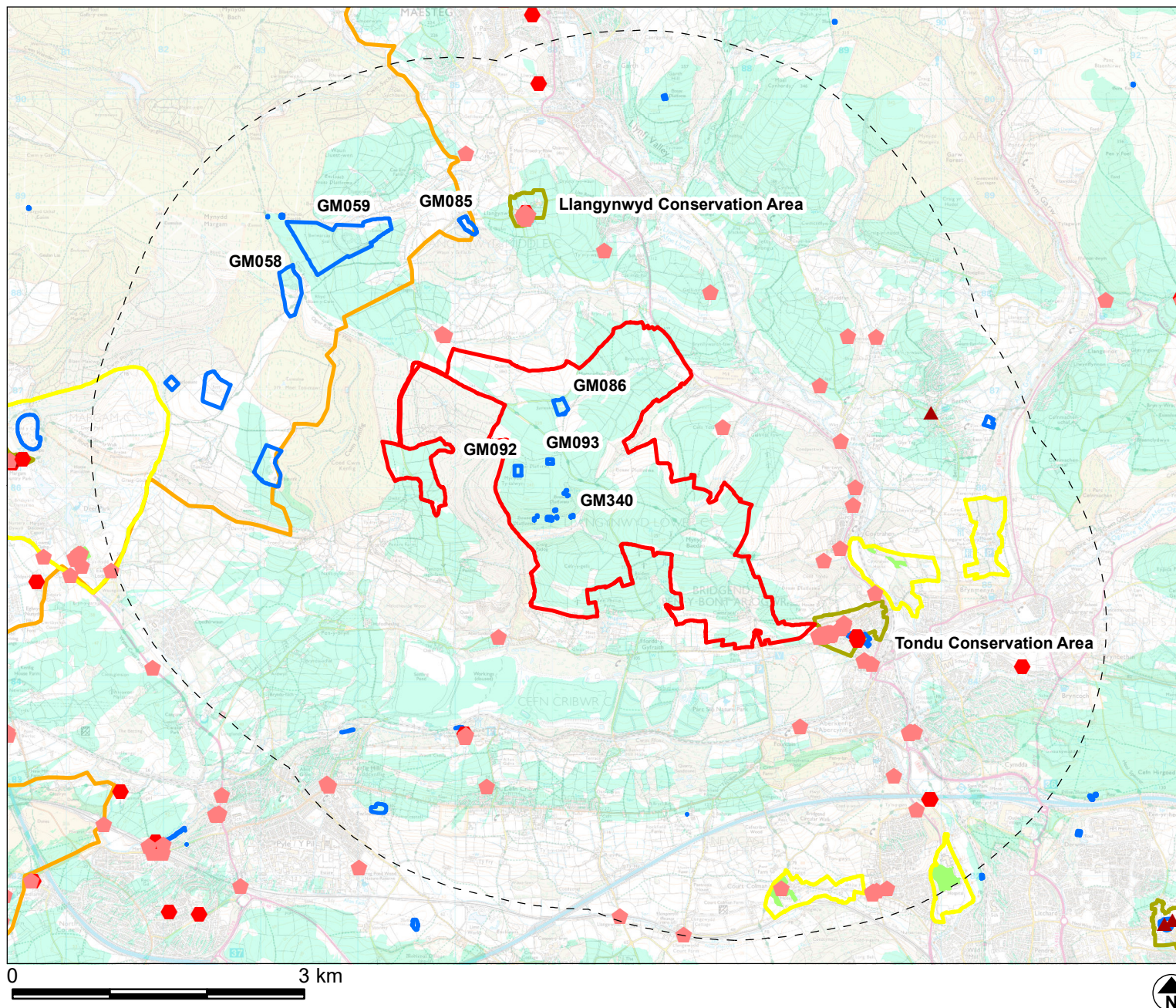
DRWG No: P23-0389_v2

Drawn by: EP

Date: 22/10/2025

Scale: 1:22,500 @ A4

Approved by: GS



KEY

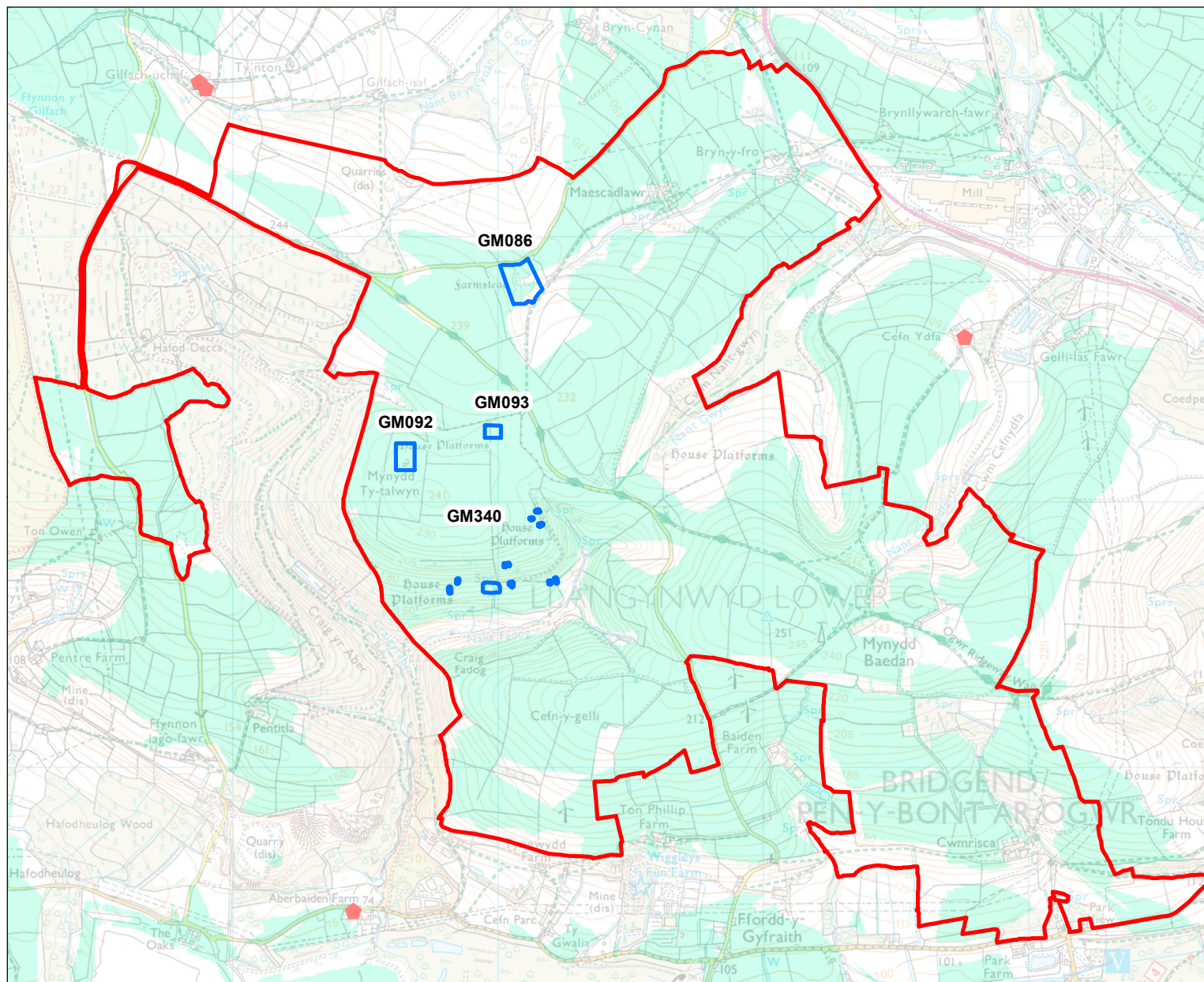
- Site Boundary
- 3km
- Scheduled Monuments
- Conservation Areas
- Listed Buildings
- Grade
 - ▲ I
 - ◆ II
 - ◆ II*
- Registered Historic Parks & Gardens
- Registered Historic Landscapes
- SZTV - Combined Solar (3m height)
- Visibility

Scheduled Monuments progressed to Stages 2 and 3 setting assessment are labelled by their SAM number.

Figure 15a: Designated Historic Assets within 3km in context of Solar SZTV (Year 15)

Mynydd Ty-talwyn Energy Park

Client: Galileo 03 Ltd
 DRWG No: P23-0389_v2
 Drawn by: EP
 Date: 22/10/2025
 Scale: 1:60,000 @ A4
 Approved by: GS



KEY

- Site Boundary
- Scheduled Monuments

Listed Buildings

Grade

- ◆ II

SZTV - Combined Solar (3m height)

Visibility

Scheduled Monuments progressed to Stages 2 and 3 setting assessment are labelled by their SAM number.

Figure 15b: Designated Historic Assets within Site in context of Solar SZTV (Year 15)

Mynydd Ty-talwyn Energy Park

Client: Galileo 03 Ltd

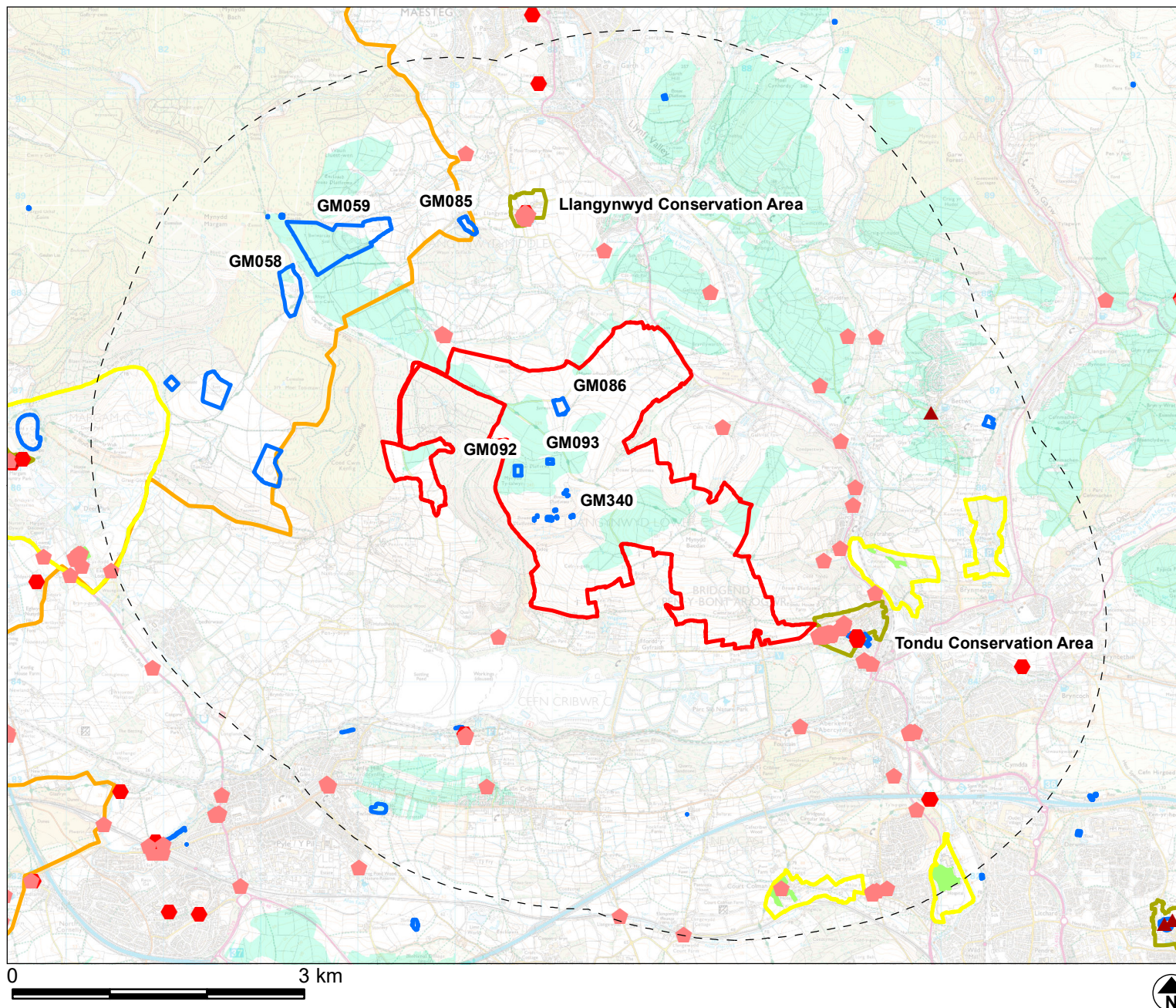
DRWG No: P23-0389_v2

Drawn by: EP

Date: 22/10/2025

Scale: 1:22,500 @ A4

Approved by: GS



KEY

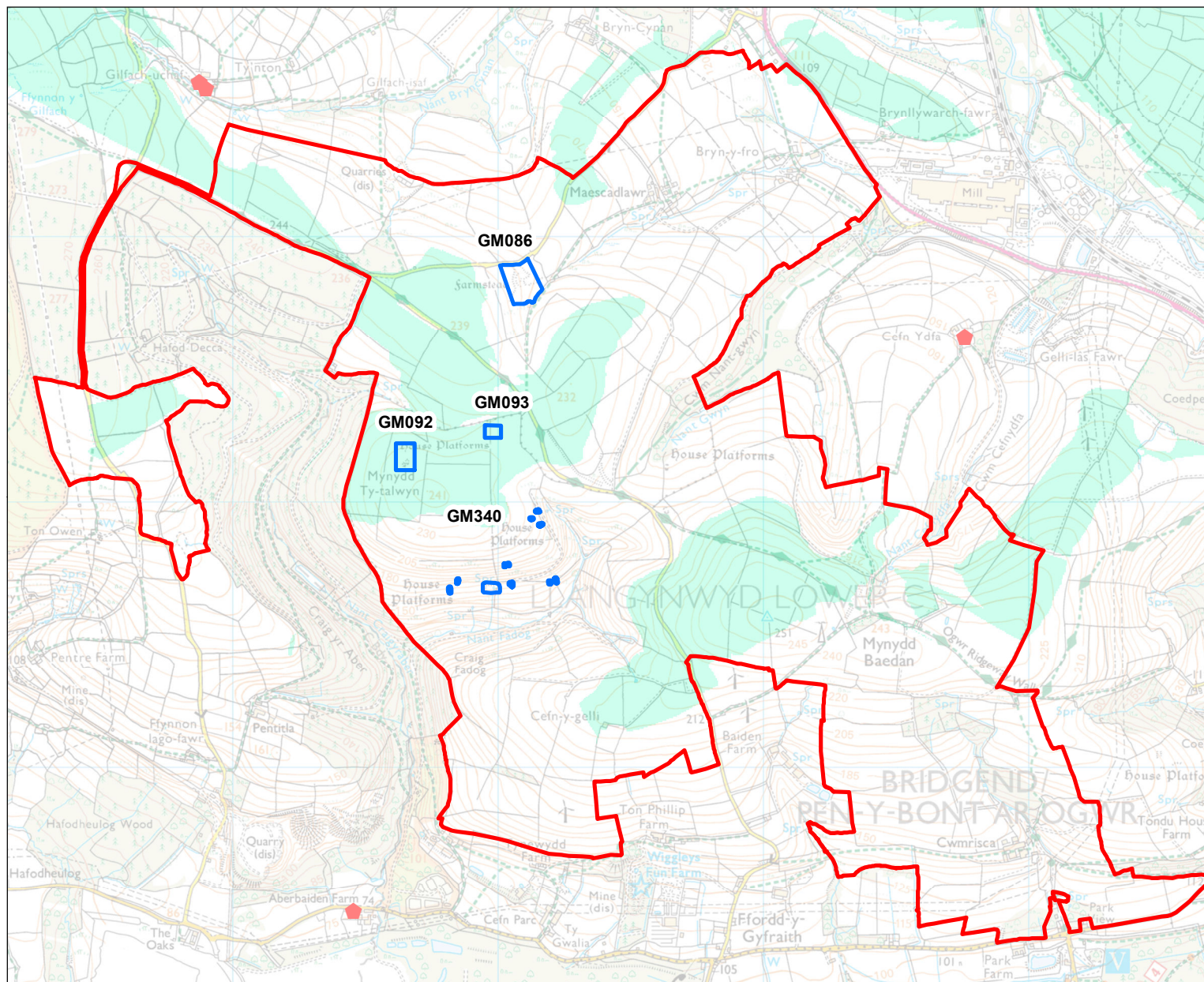
- Site Boundary
- 3km
- Scheduled Monuments
- Conservation Areas
- Listed Buildings
- Grade
 - ▲ I
 - ◆ II
 - ◆ II*
- Registered Historic Parks & Gardens
- Registered Historic Landscapes
- SZTV - Substation (12m height)
- Visibility

Scheduled Monuments progressed to Stages 2 and 3 setting assessment are labelled by their SAM number.

Figure 16a: Designated Historic Assets within 3km in context of Substation SZTV (Year 15)

Mynydd Ty-talwyn Energy Park

Client: Galileo 03 Ltd
 DRWG No: P23-0389_v2
 Drawn by: EP
 Date: 22/10/2025
 Scale: 1:60,000 @ A4
 Approved by: GS



KEY

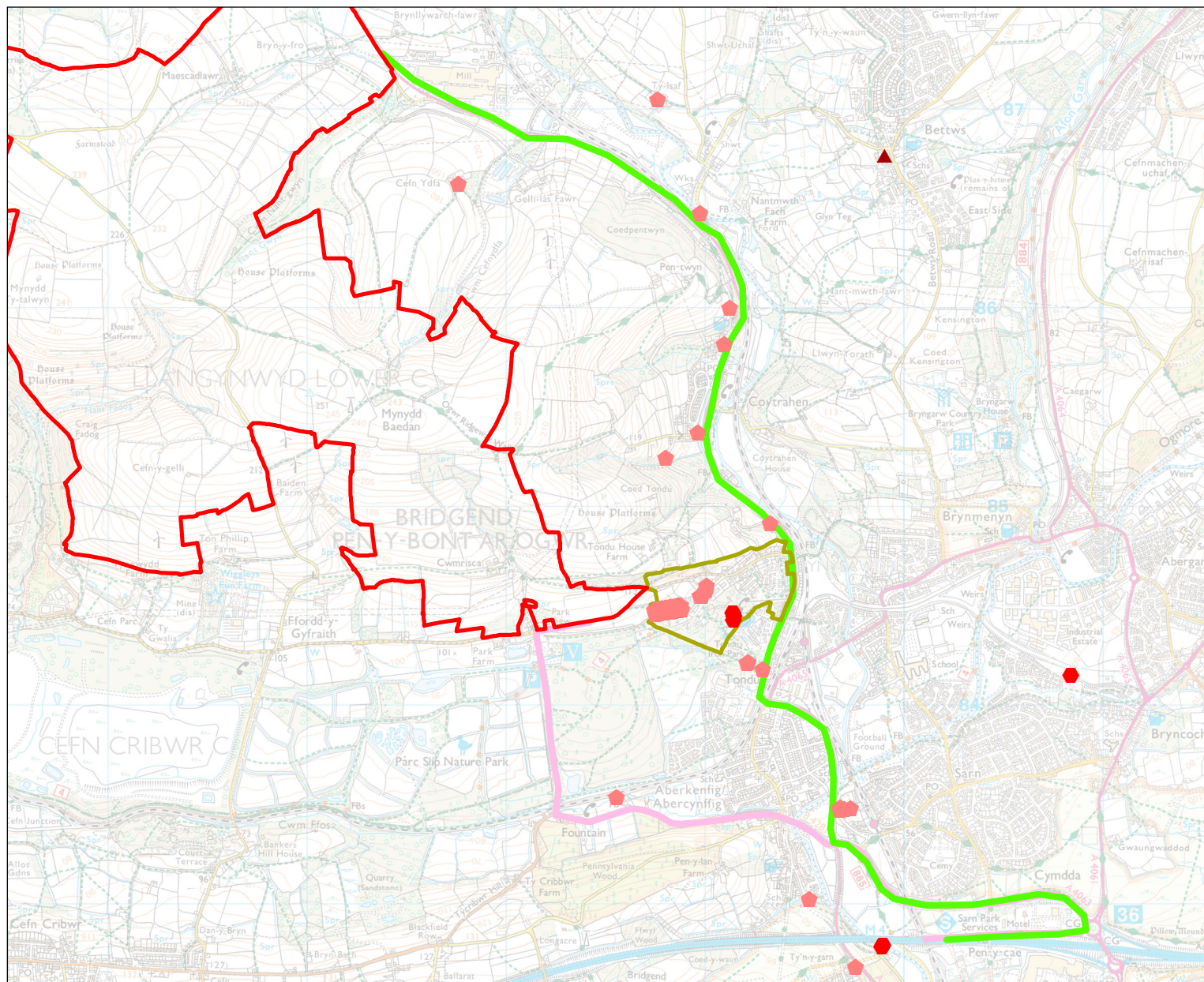
- Site Boundary
- Scheduled Monuments
- Listed Buildings
- Grade
- ◆ II
- SZTV - Substation (12m height)
- Visibility

Scheduled Monuments progressed to Stages 2 and 3 setting assessment are labelled by their SAM number.

Figure 16b: Designated Historic Assets within Site in context of Substation SZTV (Year 15)

Mynydd Ty-talwyn Energy Park

Client: Galileo 03 Ltd
 DRWG No: P23-0389_v2
 Drawn by: EP
 Date: 22/10/2025
 Scale: 1:22,500 @ A4
 Approved by: GS



KEY

- Site Boundary
- Construction Access Routes
- Main Construction Route
- Abnormal Loads Route
- Conservation Areas
- Listed Buildings
- Grade
- ▲ I
- ⬠ II
- ⬡ II*

Contains Cadw data.
Only Conservation Areas and Listed Buildings are shown as these are the only asset types deemed potentially sensitive to construction traffic.

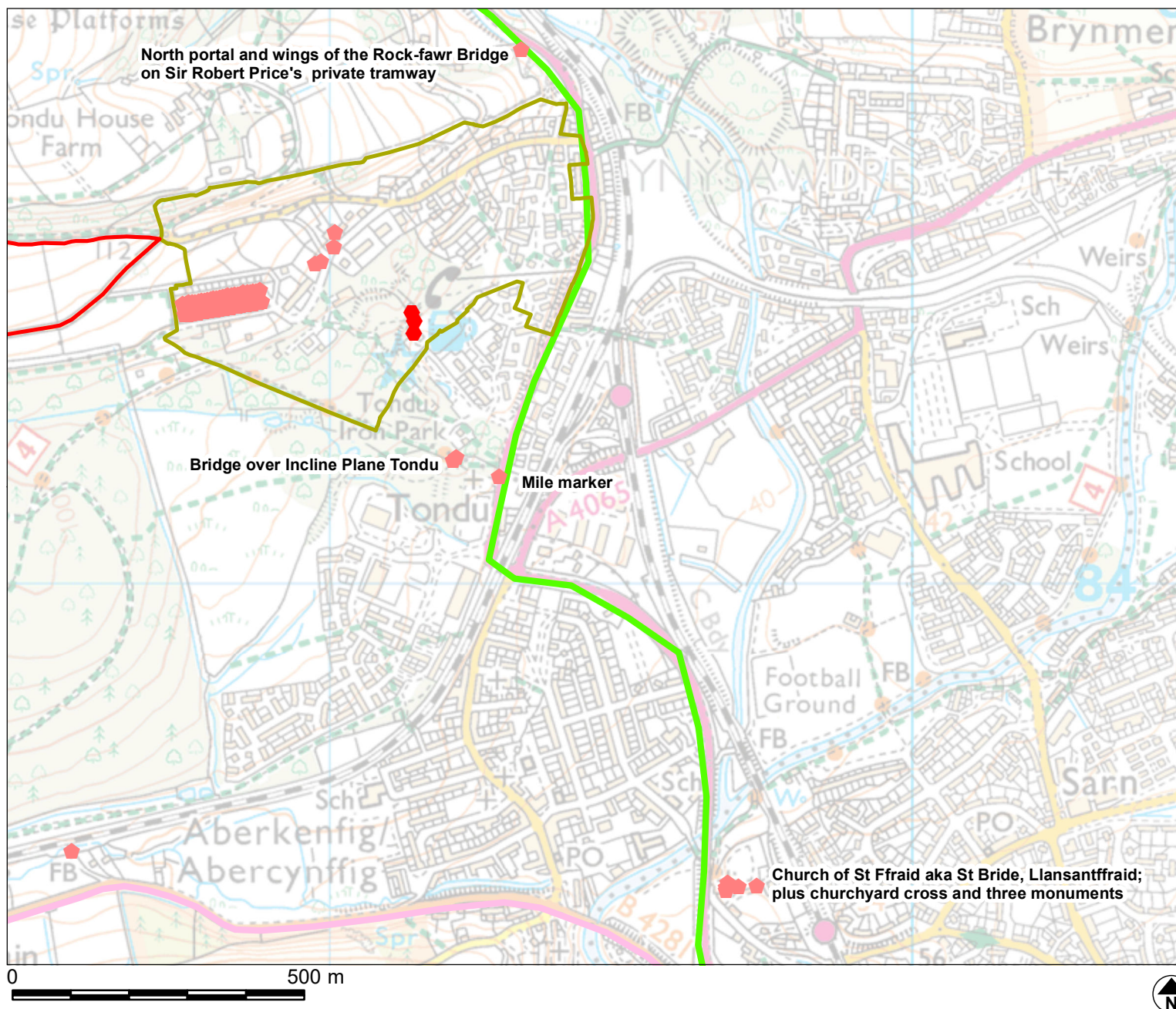
Figure 17a: Construction Access Routes

Mynydd Ty-talwyn Energy Park

Client: Galileo 03 Ltd
 DRWG No: P23-0389_v2
 Drawn by: EP
 Date: 22/10/2025
 Scale: 1:30,000 @ A4
 Approved by: GS

0 1 km





KEY

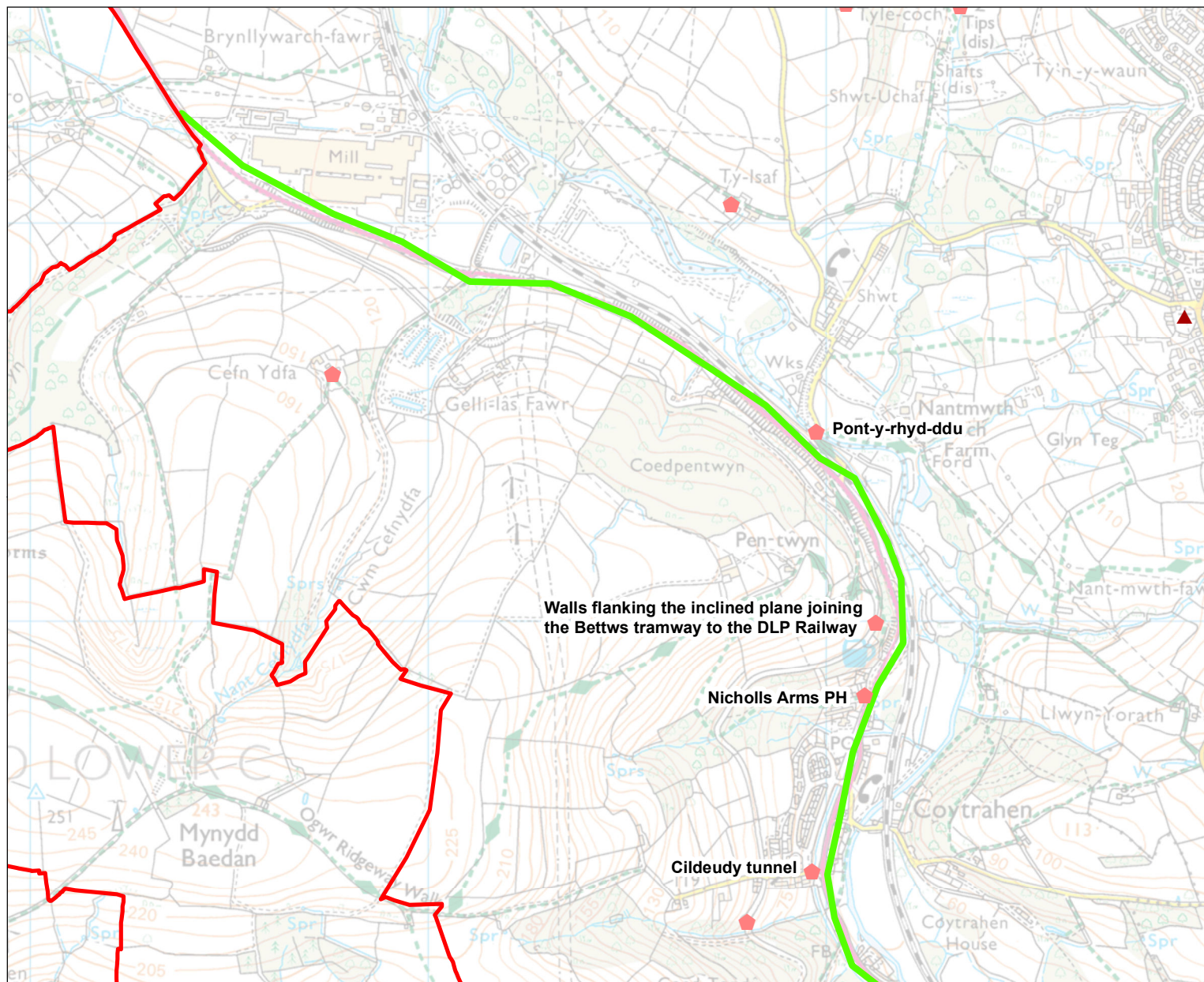
- Site Boundary
- Construction Access Routes
- Main Construction Route
- Abnormal Loads Route
- Conservation Areas
- Listed Buildings
- Grade
- ⬠ II
- ⬡ II*

Contains Cadw data.
Only Conservation Areas and Listed Buildings are shown as these are the only asset types deemed potentially sensitive to construction traffic.

Figure 17b: Construction Access Routes

Mynydd Ty-talwyn Energy Park

Client: Galileo 03 Ltd
 DRWG No: P23-0389_v2
 Drawn by: EP
 Date: 22/10/2025
 Scale: 1:10,000 @ A4
 Approved by: GS



KEY

- Site Boundary
- Listed Buildings
- Grade
 - ▲ I
 - ◆ II
- Conservation Areas
- Construction Access Routes
- Main Construction Route

Contains Cadw data.
Only Conservation Areas and Listed Buildings are shown as these are the only asset types deemed potentially sensitive to construction traffic.

Figure 17c: Construction Access Routes

Mynydd Ty-talwyn Energy Park

Client: Galileo 03 Ltd
 DRWG No: P23-0389_v2
 Drawn by: EP
 Date: 22/10/2025
 Scale: 1:15,000 @ A4
 Approved by: GS