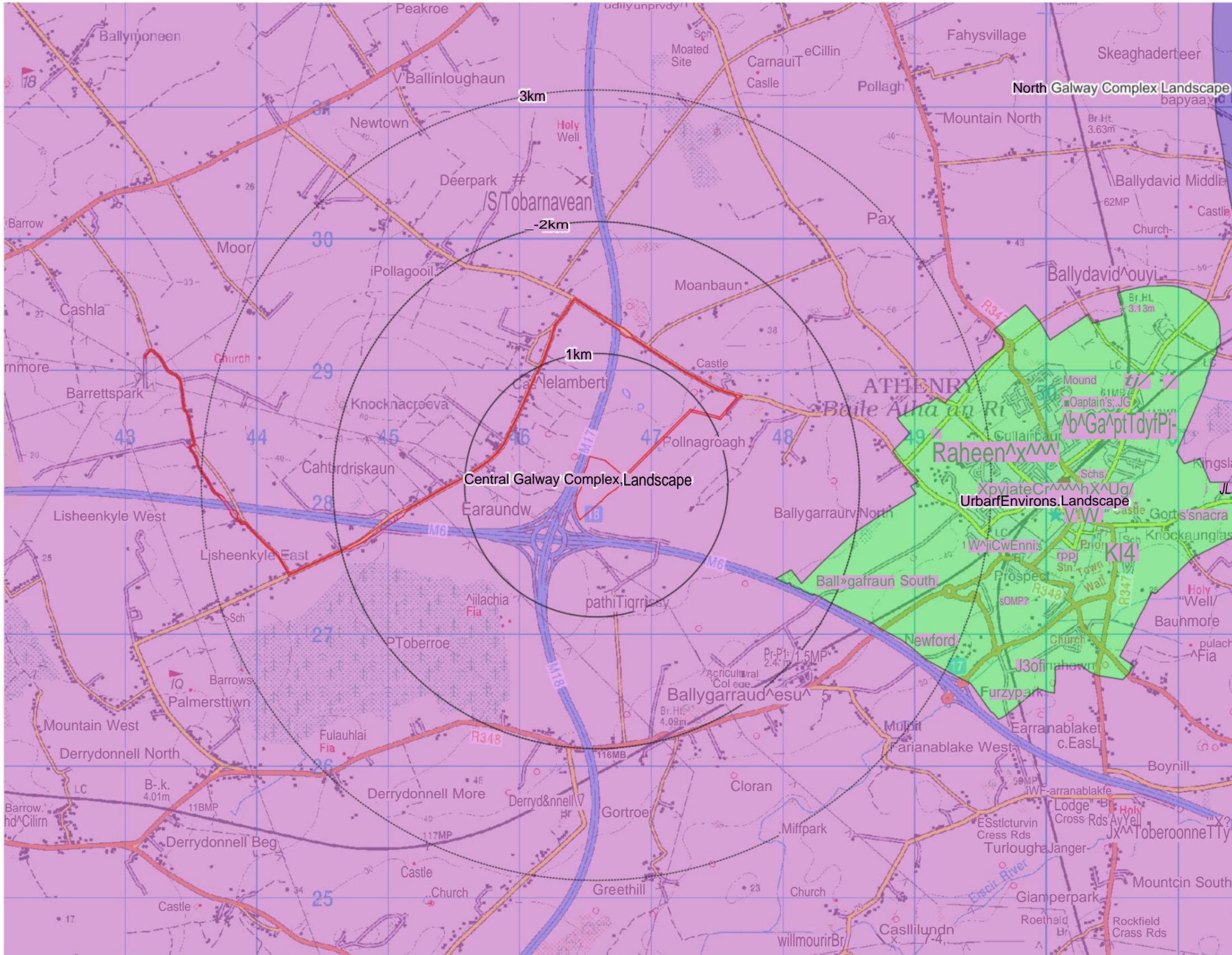


## **Appendix 6. Landscape & Visual**

### **6.1 LVIA Drawings, Verified Photomontages & Aerial Drone Views (Digital Dimensions, 2025)**



**LEGEND:**

- SITE LOCATION
- Central Galway Complex Landscape
- North Galway Complex Landscape
- Urban Environs Landscape

**NOTES:**

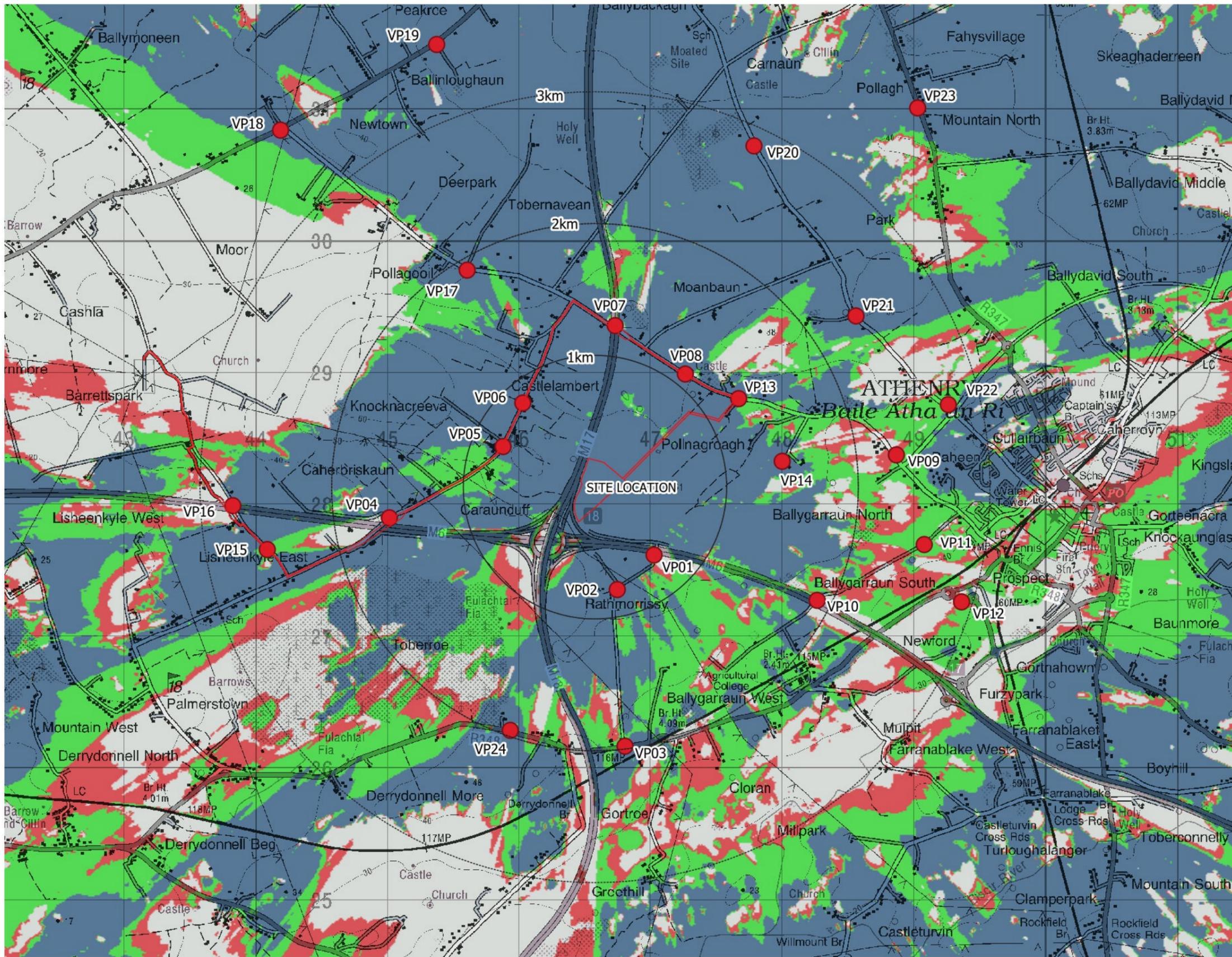
LANDSCAPE CHARACTER TYPES SHOWN HAVE BEEN TAKEN FROM COUNTY GALWAY LANDSCAPE CHARACTER ASSESSMENT, COUNTY DEVELOPMENT PLAN 2022-2028.



No dimensions are to be scaled from this drawing. All dimensions are to be checked on site. Area measurements for indicative purposes only.

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**LEGEND:**

- SITE LOCATION
- VIEWPOINT LOCATION

**THEORETICAL VISIBILITY ELEMENTS:**

- LOWER, MIDDLE AND UPPER
- MIDDLE AND UPPER
- UPPER

**NOTES:**

THE TERRAIN DATA USED IS TAILTE ÉIREANN LIDAR DTM.

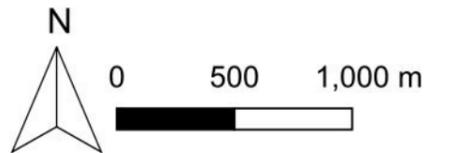
VIEWER HEIGHT USED IN THE CALCULATION IS 1.60M.

TARGET HEIGHTS WERE CALCULATED FROM THE ELEVATION DRAWING IN M AOD. A TOTAL OF 32 TARGET POINTS WERE USED:

- LOWER- SITE ELEMENTS BETWEEN 0 - 11.4M AGL
- MIDDLE- SITE ELEMENTS BETWEEN 11.4 - 20M AGL
- UPPER- SITE ELEMENTS BETWEEN 20 - 36M AGL

THE ZTV DOES NOT INCLUDE THE SCREENING EFFECTS OF BUILDINGS OR VEGETATION IN THE STUDY AREA.

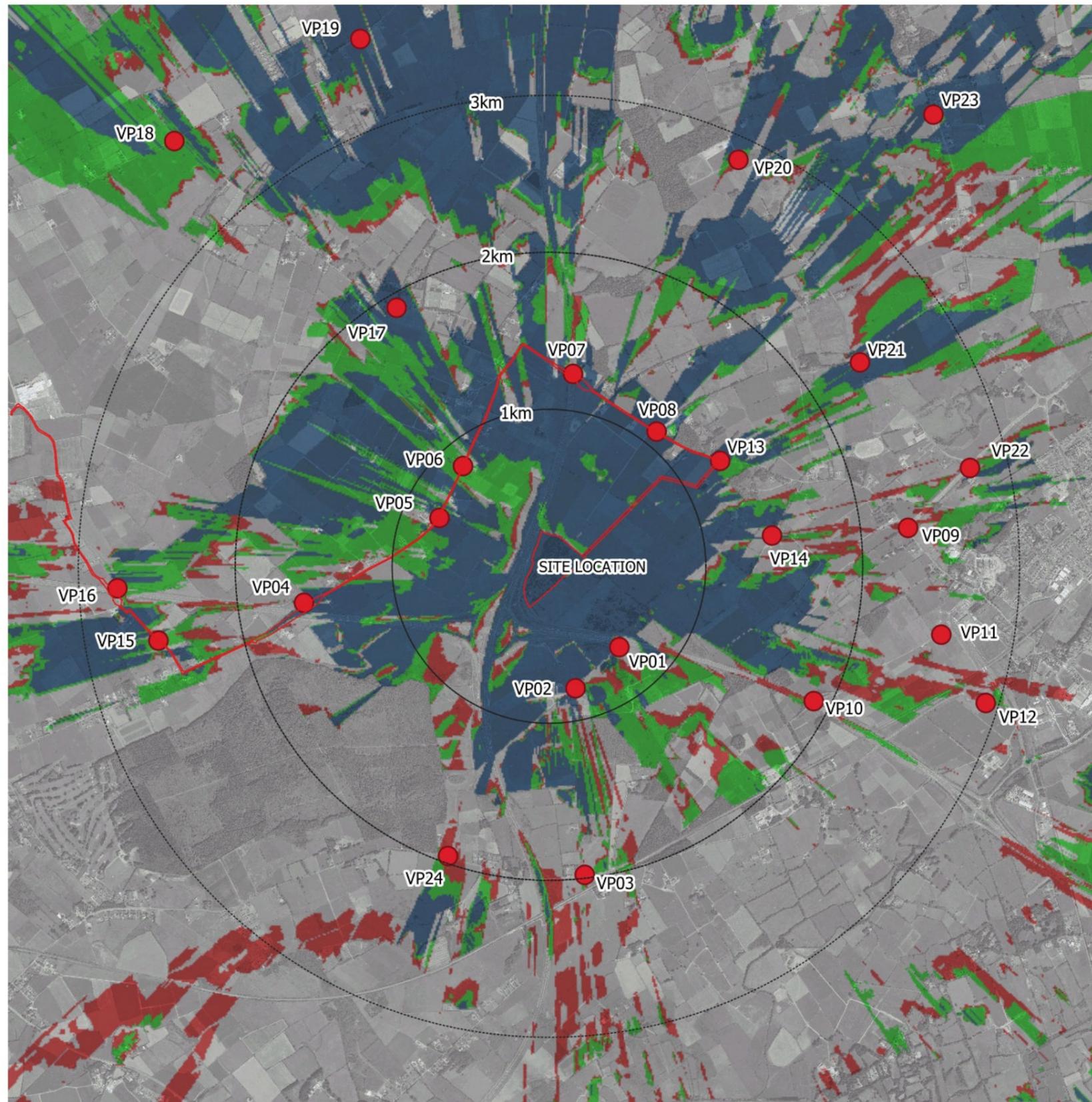
THE CALCULATION TAKES INTO ACCOUNT THE EFFECTS OF THE CURVATURE OF THE EARTH AND LIGHT REFRACTION. THE CALCULATION DOES NOT USE MATHEMATICALLY APPROXIMATE METHODS.



No dimensions are to be scaled from this drawing. All dimensions are to be checked on site. Area measurements for indicative purposes only.

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**LEGEND:**

- SITE LOCATION
- VIEWPOINT LOCATION

**THEORETICAL VISIBILITY ELEMENTS:**

- LOWER, MIDDLE AND UPPER
- MIDDLE AND UPPER
- UPPER

**NOTES:**

THE TERRAIN DATA USED IS TAILTE ÉIREANN LIDAR DTM.

VIEWER HEIGHT USED IN THE CALCULATION IS 1.60M.

TARGET HEIGHTS WERE CALCULATED FROM THE ELEVATION DRAWING IN M AOD. A TOTAL OF 32 TARGET POINTS WERE USED:

LOWER- SITE ELEMENTS BETWEEN 0 - 11.4M AGL

MIDDLE- SITE ELEMENTS BETWEEN 11.4 - 20M AGL

UPPER- SITE ELEMENTS BETWEEN 20 - 36M AGL

THE ZTV INCLUDES THE SCREENING EFFECTS OF BUILDINGS AND VEGETATION IN THE STUDY AREA.

BUILDINGS: 9M  
 WOODLAND: 12M  
 UNMANAGED HEDGEROWS: 5M  
 MANAGED HEDGEROWS: 2M

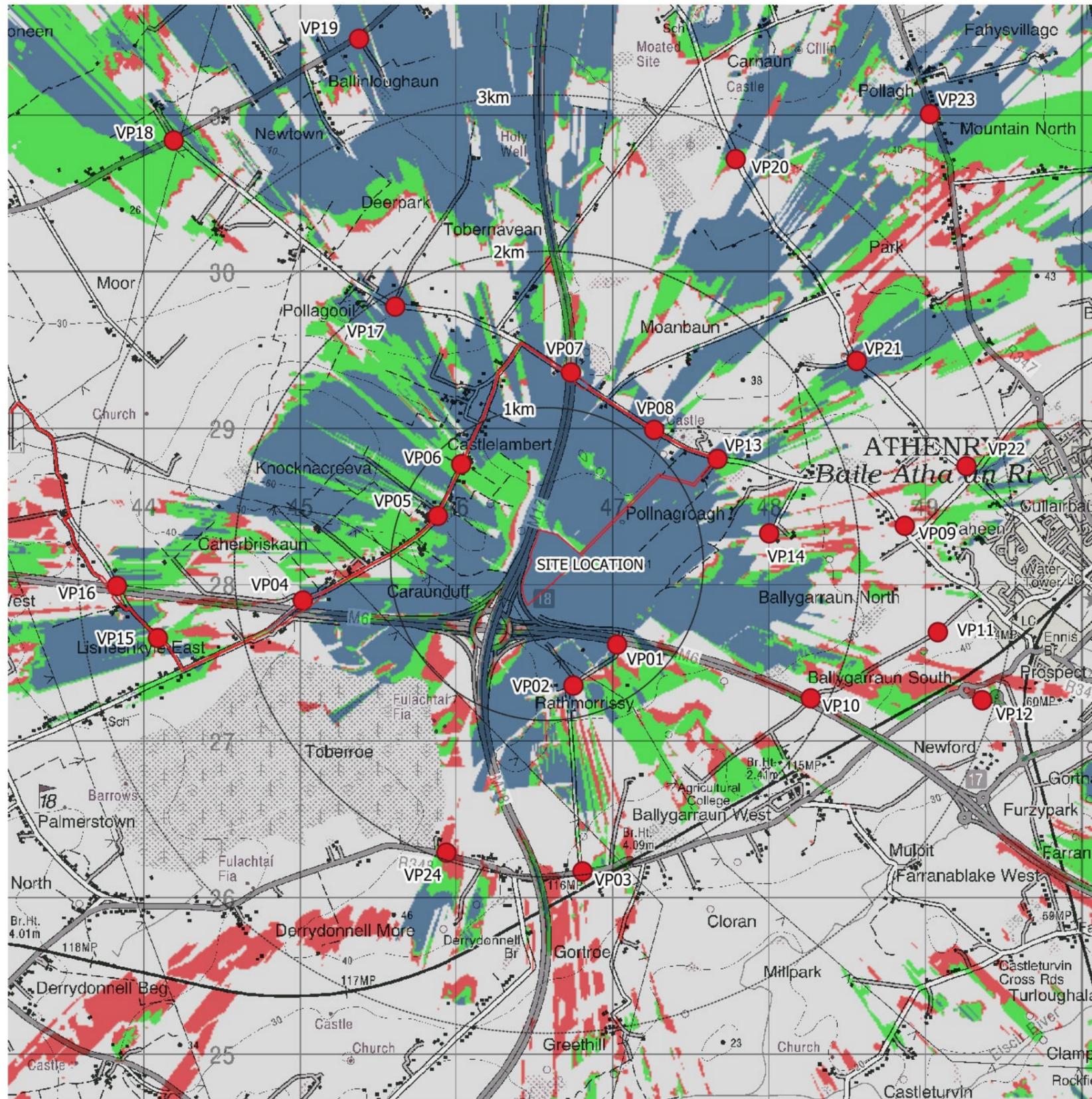
THE CALCULATION TAKES INTO ACCOUNT THE EFFECTS OF THE CURVATURE OF THE EARTH AND LIGHT REFRACTION. THE CALCULATION DOES NOT USE MATHEMATICALLY APPROXIMATE METHODS.



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**LEGEND:**

- SITE LOCATION
- VIEWPOINT LOCATION

**THEORETICAL VISIBILITY ELEMENTS:**

- LOWER, MIDDLE AND UPPER
- MIDDLE AND UPPER
- UPPER

**NOTES:**

THE TERRAIN DATA USED IS TAILTE ÉIREANN LIDAR DTM.

VIEWER HEIGHT USED IN THE CALCULATION IS 1.60M.

TARGET HEIGHTS WERE CALCULATED FROM THE ELEVATION DRAWING IN M AOD. A TOTAL OF 32 TARGET POINTS WERE USED:

- LOWER- SITE ELEMENTS BETWEEN 0 - 11.4M AGL
- MIDDLE- SITE ELEMENTS BETWEEN 11.4 - 20M AGL
- UPPER- SITE ELEMENTS BETWEEN 20 - 36M AGL

THE ZTV INCLUDES THE SCREENING EFFECTS OF BUILDINGS AND VEGETATION IN THE STUDY AREA.  
 BUILDINGS: 9M  
 WOODLAND: 12M  
 UNMANAGED HEDGEROWS: 5M  
 MANAGED HEDGEROWS: 2M

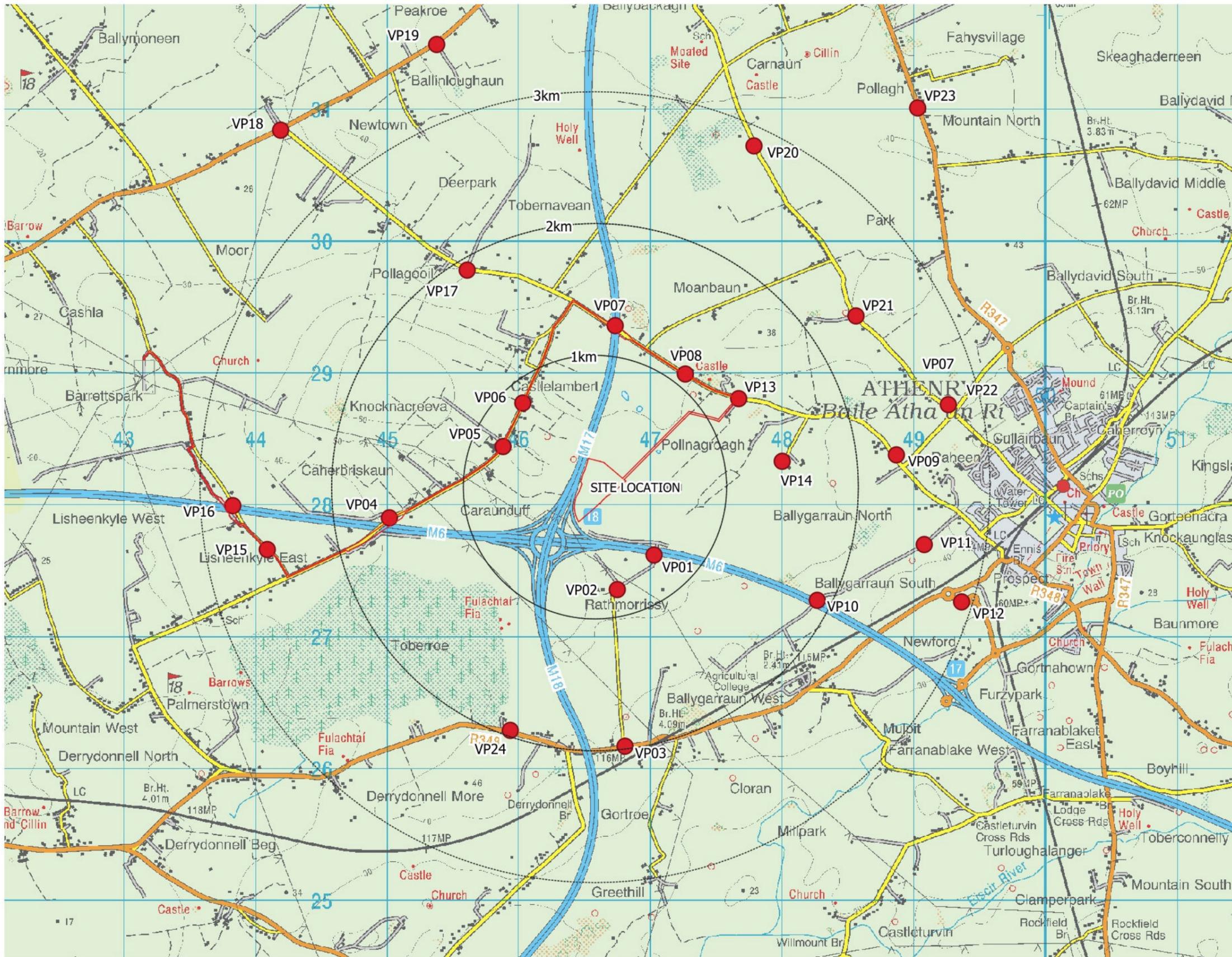
THE CALCULATION TAKES INTO ACCOUNT THE EFFECTS OF THE CURVATURE OF THE EARTH AND LIGHT REFRACTION. THE CALCULATION DOES NOT USE MATHEMATICALLY APPROXIMATE METHODS.



No dimensions are to be scaled from this drawing. All dimensions are to be checked on site. Area measurements for indicative purposes only.

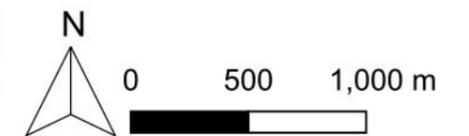
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**LEGEND:**

- SITE LOCATION
- VIEWPOINT LOCATIONS



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Approximate main site location

**Viewing Information**

With one eye closed, hold this sheet from your open eye at a viewing distance of 50cm between your eye and the page.

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**Printing Note**

To give the correct viewing distance the sheet should be printed at a scale of 1:1 at A3 size.



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landscape architects**

5-6 King's Court, Shambles, York YO1 7LD, UK  
T +44 (0)1904 623 144 E mail@eb-la.com

**Viewport Information**

Photography date: 27.02.2025  
Camera height: 1.6m  
Direction: Northwest  
Range: 568m  
WGS Coordinates: 53.296440, -8.795162

BORD GÁIS ENERGY LTD

**CASHLA PEAKER POWER PLANT**

CO. GALWAY

Viewpoint 01

REV 4

08.10.2025



Approximate main site location

**Viewing Information**

With one eye closed, hold this sheet from your open eye at a viewing distance of 50cm between your eye and the page.

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**Printing Note**

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**Viewport Information**

Photography date: 27.02.2025  
Camera height: 1.6m  
Direction: Northwest  
Range: 590m  
WGS Coordinates: 53.294056, -8.799309

BORD GÁIS ENERGY LTD

**CASHLA PEAKER POWER PLANT**

CO. GALWAY

Viewpoint 02

REV 4

08.10.2025



**Viewing Information**

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**Viewport Information**

Photography date: 27.02.2025  
Camera height: 1.6m  
Direction: Northwest  
Range: 1730m  
WGS Coordinates: 53.283383, -8.798228

BORD GÁIS ENERGY LTD

**CASHLA PEAKER POWER PLANT**

CO. GALWAY

Viewpoint 03

REV 4

08.10.2025



**Viewing Information**

With one eye closed, hold this sheet from your open eye at a viewing distance of 50cm between your eye and the page.

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**Viewport Information**

Photography date: 27.02.2025  
Camera height: 1.6m  
Direction: Northeast  
Range: 1383m  
WGS Coordinates: 53.298769, -8.825363

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CO. GALWAY

Viewpoint 04

REV 4

08.10.2025



**Viewing Information**

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**Viewport Information**

Photography date: 27.02.2025  
Camera height: 1.6m  
Direction: Southeast  
Range: 640m  
WGS Coordinates: 53.303719, -8.812498

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CO. GALWAY

Viewpoint 05

REV 4

08.10.2025



**Viewing Information**

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**Printing Note**

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**Viewport Information**

Photography date: 27.02.2025  
Camera height: 1.6m  
Direction: Southeast  
Range: 657m  
WGS Coordinates: 53.306701, -8.810308

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**CASHLA PEAKER POWER PLANT**

CO. GALWAY

Viewpoint 06

REV 4

08.10.2025



Approximate main site location

**Viewing Information**

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**Viewport Information**

Photography date: 27.02.2025  
Camera height: 1.6m  
Direction: South  
Range: 1039m  
WGS Coordinates: 53.312046, -8.799879

BORD GÁIS ENERGY LTD

**CASHLA PEAKER POWER PLANT**

CO. GALWAY

Viewpoint 07

REV 4

08.10.2025



**Viewing Information**

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**Printing Note**

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**Viewport Information**

Photography date: 27.02.2025  
Camera height: 1.6m  
Direction: Southwest  
Range: 909m  
WGS Coordinates: 53.308801, -8.791828

BORD GÁIS ENERGY LTD

**CASHLA PEAKER POWER PLANT**

CO. GALWAY

Viewpoint 08

REV 4

08.10.2025



Approximate main site location

**Viewing Information**

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**Viewport Information**

Photography date: 27.02.2025  
Camera height: 1.6m  
Direction: Southwest  
Range: 2067m  
WGS Coordinates: 53.303445, -8.767680

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**CASHLA PEAKER POWER PLANT**

CO. GALWAY

Viewpoint 09

REV 4

08.10.2025



Approximate main site location

**Viewing Information**

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**Printing Note**

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**Viewport Information**

Photography date: 27.02.2025  
Camera height: 1.6m  
Direction: Northwest  
Range: 1716m  
WGS Coordinates: 53.293472, -8.776517

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**CASHLA PEAKER POWER PLANT**

CO. GALWAY

Viewpoint 10

REV 4

08.10.2025



**Viewing Information**

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**Viewport Information**

Photography date: 27.02.2025  
Camera height: 1.6m  
Direction: Northwest  
Range: 2308m  
WGS Coordinates: 53.297354, -8.764392

BORD GÁIS ENERGY LTD

**CASHLA PEAKER POWER PLANT**

CO. GALWAY

Viewpoint 11

REV 4

08.10.2025



Approximate main site location

**Viewing Information**

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**Viewport Information**

Photography date: 27.02.2025  
Camera height: 1.6m  
Direction: Northwest  
Range: 2713m  
WGS Coordinates: 53.293471, -8.764392

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**CASHLA PEAKER POWER PLANT**

CO. GALWAY

Viewpoint 12

REV 4

08.10.2025



**Viewing Information**

With one eye closed, hold this sheet from your open eye at a viewing distance of 50cm between your eye and the page.

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**Viewport Information**

Photography date: 27.02.2025  
Camera height: 1.6m  
Direction: Southwest  
Range: 1060m  
WGS Coordinates: 53.307164, -8.785718

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**CASHLA PEAKER POWER PLANT**

CO. GALWAY

Viewpoint 13

REV 4

08.10.2025



Approximate main site location

**Viewing Information**

With one eye closed, hold this sheet from your open eye at a viewing distance of 50cm between your eye and the page.

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**Viewport Information**

Photography date: 27.02.2025  
Camera height: 1.6m  
Direction: Southwest  
Range: 1192m  
WGS Coordinates: 53.302924, -8.780682

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**CASHLA PEAKER POWER PLANT**

CO. GALWAY

Viewpoint 14

REV 4

08.10.2025



Approximate main site location

**Viewing Information**

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**Viewport Information**

Photography date: 27.02.2025  
Camera height: 1.6m  
Direction: Northeast  
Range: 2360m  
WGS Coordinates: 53.296510, -8.839233

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**CASHLA PEAKER POWER PLANT**

CO. GALWAY

Viewpoint 15

REV 4

08.10.2025



**Viewing Information**

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**Printing Note**

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**Viewport Information**

Photography date: 27.02.2025  
Camera height: 1.6m  
Direction: Northeast  
Range: 2596m  
WGS Coordinates: 53.299475, -8.843218

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CO. GALWAY

Viewpoint 16

REV 4

08.10.2025



**Viewing Information**

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**Viewport Information**

Photography date: 15.06.2025  
Camera height: 1.6m  
Direction: Southeast  
Range: 1700m  
WGS Coordinates: 53.3157153, -8.8168225

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**CASHLA PEAKER POWER PLANT**

CO. GALWAY

Viewpoint 17

REV 4

08.10.2025



Approximate main site location

**Viewing Information**

With one eye closed, hold this sheet from your open eye at a viewing distance of 50cm between your eye and the page.

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**Printing Note**

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**Viewport Information**  
Photography date: 15.06.2025  
Camera height: 1.6m  
Direction: Southeast  
Range: 3420m  
WGS Coordinates: 53.325113, -8.8382728

BORD GÁIS ENERGY LTD  
**CASHLA PEAKER POWER PLANT**  
CO. GALWAY

Viewpoint 18

REV 4

08.10.2025



Approximate main site location

**Viewing Information**

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**Printing Note**

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**Viewport Information**

Photography date: 15.06.2025  
Camera height: 1.6m  
Direction: Southeast  
Range: 3350m  
WGS Coordinates: 53.3310756, -8.8205948

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**CASHLA PEAKER POWER PLANT**

CO. GALWAY

Viewpoint 19

REV 4

08.10.2025



**Viewing Information**

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**Printing Note**

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**Viewport Information**

Photography date: 15.06.2025  
Camera height: 1.6m  
Direction: Southwest  
Range: 2655m  
WGS Coordinates: 53.324406, -8.7842894

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**CASHLA PEAKER POWER PLANT**

CO. GALWAY

Viewpoint 20

REV 4

08.10.2025



**Viewing Information**

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**Printing Note**

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**Viewport Information**

Photography date: 15.06.2025  
Camera height: 1.6m  
Direction: Southwest  
Range: 2152m  
WGS Coordinates: 53.3128873, -8.77245

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**CASHLA PEAKER POWER PLANT**

CO. GALWAY

Viewpoint 21

REV 4

08.10.2025



Approximate main site location

**Viewing Information**

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This image is best used for comparison in the field from the viewpoint location shown. It is not a substitute for visiting the viewpoint location.

**Printing Note**

To give the correct viewing distance the sheet should be printed at a scale of 1:1 at A3 size.



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**landscape architects**  
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**Viewport Information**  
 Photography date: 15.06.2025  
 Camera height: 1.6m  
 Direction: Southwest  
 Range: 2528m  
 WGS Coordinates: 53.3069113, -8.7618217

BORD GÁIS ENERGY LTD  
**CASHLA PEAKER POWER PLANT**  
 CO. GALWAY

Viewpoint 22

REV 4

08.10.2025



Approximate main site location

**Viewing Information**

With one eye closed, hold this sheet from your open eye at a viewing distance of 50cm between your eye and the page.

This image is best used for comparison in the field from the viewpoint location shown. It is not a substitute for visiting the viewpoint location.

**Printing Note**

To give the correct viewing distance the sheet should be printed at a scale of 1:1 at A3 size.



**eamonn byrne  
landscape architects**

5-6 King's Court, Shambles, York YO1 7LD, UK  
T +44 (0)1904 623 144 E mail@eb-la.com

**Viewport Information**

Photography date: 15.06.2025  
Camera height: 1.6m  
Direction: Southwest  
Range: 3595m  
WGS Coordinates: 53.3271138, -8.7656778

BORD GÁIS ENERGY LTD

**CASHLA PEAKER POWER PLANT**

CO. GALWAY

Viewpoint 23

REV 4

08.10.2025



Approximate main site location

**Viewing Information**

With one eye closed, hold this sheet from your open eye at a viewing distance of 50cm between your eye and the page.

This image is best used for comparison in the field from the viewpoint location shown. It is not a substitute for visiting the viewpoint location.

**Printing Note**

To give the correct viewing distance the sheet should be printed at a scale of 1:1 at A3 size.



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**landscape architects**

5-6 King's Court, Shambles, York YO1 7LD, UK  
T +44 (0)1904 623 144 E mail@eb-la.com

**Viewport Information**

Photography date: 15.06.2025  
Camera height: 1.6m  
Direction: Northeast  
Range: 1667m  
WGS Coordinates: 53.284373, -8.811315

BORD GÁIS ENERGY LTD

**CASHLA PEAKER POWER PLANT**

CO. GALWAY

Viewpoint 24

REV 4

08.10.2025

## PEAKER PLANT ATHENRY Verified Photomontages & Aerial Drone Views



# NOTES AND METHODOLOGY

PEAKER PLANT ATHENRY

Method Statement - Photomontage production using guidance in The Landscape Institute TGN-06-19 Visual Representation of Development Proposals.

1. Photographs are taken from locations as advised by the planning consultant with a full frame SLR digital camera and prime lens. Photographs are taken using the most appropriate combination of lens focal lengths to ensure that the field of view covers the proposed scheme environment or landscape context. The photographs are taken horizontally with a survey level attached to the camera. The photographic positions are marked (for later surveying), the height of the camera and the focal length of the image recorded.
2. In each photograph, a minimum of 3no. visible fixed points are marked for surveying. These are control points for model alignment within the photograph. All surveying is carried out by a qualified topographical surveyor using Total Station / GPS devices.
3. The photographic positions and the control points are geographically surveyed and this survey is tied in to the site topographical survey supplied by the Architect / client.
4. The buildings are accurately modelled in 3D cad software from cad drawings or BIM model supplied by the Architect. Material finishes are applied to the 3D model and scene element are place like trees and planting to represent the proposed landscaping.
5. Virtual 3D cameras are positioned according to the survey co-ordinates and the focal length is set to match the photograph. Pitch and rotation are adjusted using the survey control points to align the virtual camera to the photograph. Lighting is set to match the time of day the photograph is taken.
6. The proposed development is output from the 3D software using this camera and the image is then blended with the original photograph to give an accurate image of what the proposed development will look like in its proposed setting.
7. In the event of the permitted development not being visible, the massing of the proposed will be outlined in red. Where there are other developments in the proximity of the proposed development with permission and the cumulative effect needs to be considered, then an additional view will be included with the massing of the adjacent permitted developments shown. Where the adjacent developments are within the field of view but not visible, they will be outlined with a different colour and a legend provided with a reference for each development..
8. The document contains:
  - a. Site location map with view locations plotted.
  - b. Photomontage sheets with existing or proposed conditions.
  - c. Reference information including field of view/focal length, range to site / development, date of photograph.
  - d. The existing view with the date the photograph was taken.
  - e. The proposed photomontage (or scheme outline as appropriate)

**Note: A red line is shown to indicate the location and extent of the proposed development where it is present but screened by intervening landform, vegetation or built features. The red line is included for reference only and does not indicate visible development within the view.**

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Prepared by Digital Dimensions

Issue Date	11/06/25	08/10/25				
Revision		A				

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## PROFILE

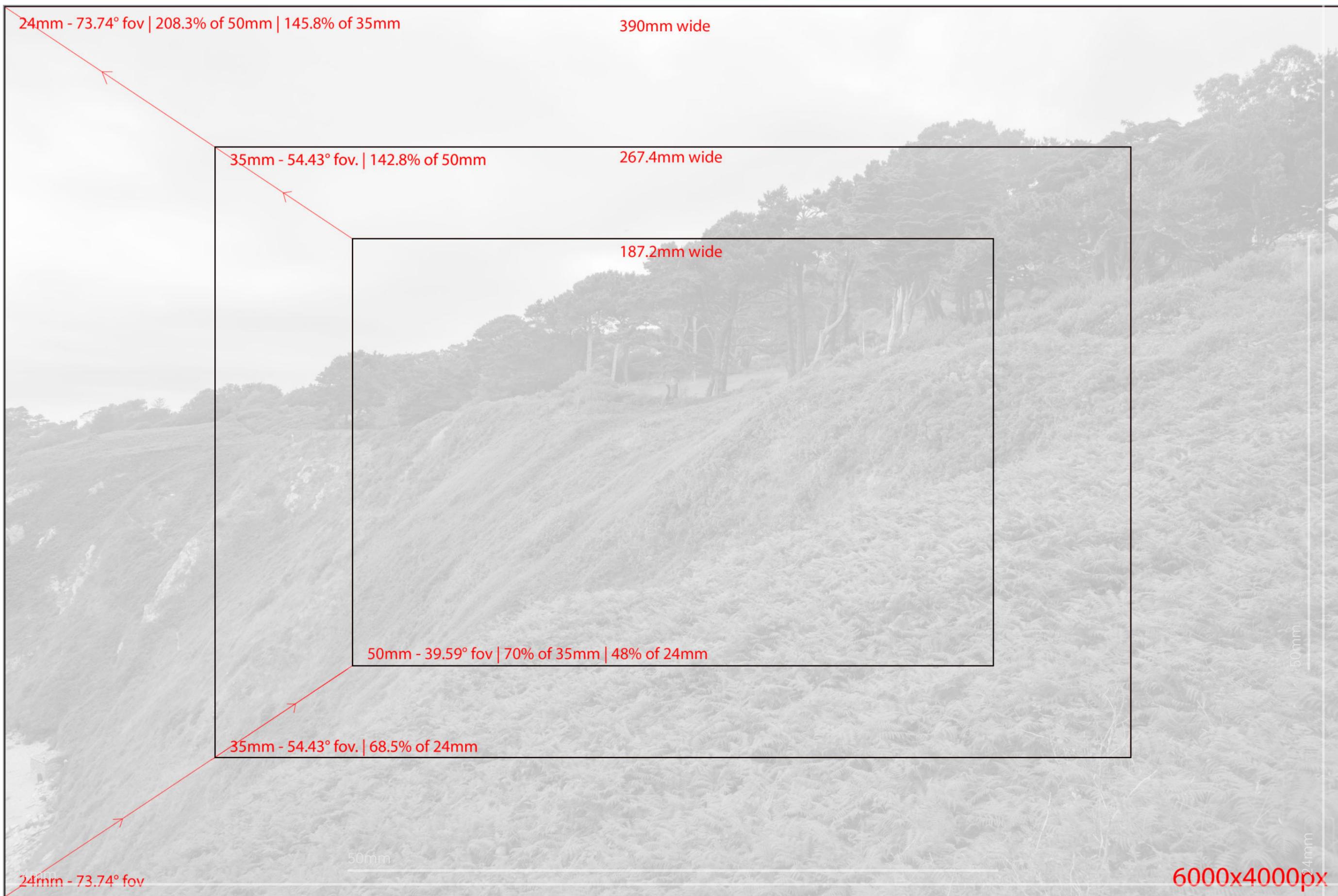
Digital Dimensions are specialists in computer generated visualisations for all forms of planning applications. The company was established in 2000 by John Healy and Jim Manning in Dublin, Ireland. Digital Dimensions is one of Ireland's leading architectural visualisation companies with 20+ years of experience covering a wide range of solutions in the areas of architectural visualisation, environmental design and digital media.



View Location Map

This map is for view location purposes only. Please refer to Architects drawings for site layout and redline boundary.

- Photomontages
- CGI views



< 24mm / 73.7° | < 35mm / 54.4° | < 50mm / 39.6° | Lens Information: Focal Length / Field of View | 50mm / 39.6° > | 35mm / 54.4° > | 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model	Reference
						Canon EOS 5DS	



< 50mm / 39.6° >

Lens Information: Focal Length / Field of View

50mm / 39.6° >

Location	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model	Reference
View 1 Existing	29/04/25	39.6°	50mm	568m	Canon EOS 5DS	4505



< 50mm / 39.6°

Lens Information: Focal Length / Field of View

50mm / 39.6° >

Location	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model	Reference
View 1 Proposed - showing year 1 growth	29/04/25	39.6°	50mm	568m	Canon EOS 5DS	4505



< 50mm / 39.6°

Lens Information: Focal Length / Field of View

50mm / 39.6° >

Location	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model	Reference
View 1 Proposed - showing year 15 growth	29/04/25	39.6°	50mm	568m	Canon EOS 5DS	4505



< 50mm / 39.6°

Lens Information: Focal Length / Field of View

50mm / 39.6° >

Location	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model	Reference
View 2 Existing	14/03/25	39.6°	50mm	590m	Canon EOS 5DS	2730



< 50mm / 39.6°

Lens Information: Focal Length / Field of View

50mm / 39.6° >

Location	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model	Reference
View 2 Proposed - showing year 1 growth	14/03/25	39.6°	50mm	590m	Canon EOS 5DS	2730

Note: A red line is shown to indicate the location and extent of the proposed development



< 50mm / 39.6°

Lens Information: Focal Length / Field of View

50mm / 39.6° >

Location	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model	Reference
View 2 Proposed - showing year 15 growth	14/03/25	39.6°	50mm	590m	Canon EOS 5DS	2730

Note: A red line is shown to indicate the location and extent of the proposed development



< 50mm / 39.6°

Lens Information: Focal Length / Field of View

50mm / 39.6° >

Location	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model	Reference
View 3 Existing	29/04/25	39.6°	50mm	1744m	Canon EOS 5DS	4496



< 50mm / 39.6°

Lens Information: Focal Length / Field of View

50mm / 39.6° >

Location	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model	Reference
View 3 Proposed - showing year 1 growth	29/04/25	39.6°	50mm	1744m	Canon EOS 5DS	4496

Note: A red line is shown to indicate the location and extent of the proposed development



< 50mm / 39.6°

Lens Information: Focal Length / Field of View

50mm / 39.6° >

Location	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model	Reference
View 3 Proposed - showing year 15 growth	29/04/25	39.6°	50mm	1744m	Canon EOS 5DS	4496

Note: A red line is shown to indicate the location and extent of the proposed development



< 50mm / 39.6°

Lens Information: Focal Length / Field of View

50mm / 39.6° >

Location	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model	Reference
View 4 Existing	29/04/25	39.6°	50mm	1413m	Canon EOS 5DS	4478



< 50mm / 39.6°

Lens Information: Focal Length / Field of View

50mm / 39.6° >

Location	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model	Reference
View 4 Proposed - showing year 1 growth	29/04/25	39.6°	50mm	1413m	Canon EOS 5DS	4478

Note: A red line is shown to indicate the location and extent of the proposed development



< 50mm / 39.6°

Lens Information: Focal Length / Field of View

50mm / 39.6° >

Location	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model	Reference
View 4 Proposed - showing year 15 growth	29/04/25	39.6°	50mm	1413m	Canon EOS 5DS	4478

Note: A red line is shown to indicate the location and extent of the proposed development



< 50mm / 39.6°

Lens Information: Focal Length / Field of View

50mm / 39.6° >

Location	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model	Reference
View 5 Existing	29/04/25	39.6°	50mm	647m	Canon EOS 5DS	4469



< 50mm / 39.6°

Lens Information: Focal Length / Field of View

50mm / 39.6° >

Location	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model	Reference
View 5 Proposed - showing year 1 growth	29/04/25	39.6°	50mm	647m	Canon EOS 5DS	4469



Note: A red line is shown to indicate the location and extent of the proposed development



< 50mm / 39.6°

Lens Information: Focal Length / Field of View

50mm / 39.6° >

Location	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model	Reference
View 5 Proposed - showing year 15 growth	29/04/25	39.6°	50mm	647m	Canon EOS 5DS	4469

Note: A red line is shown to indicate the location and extent of the proposed development