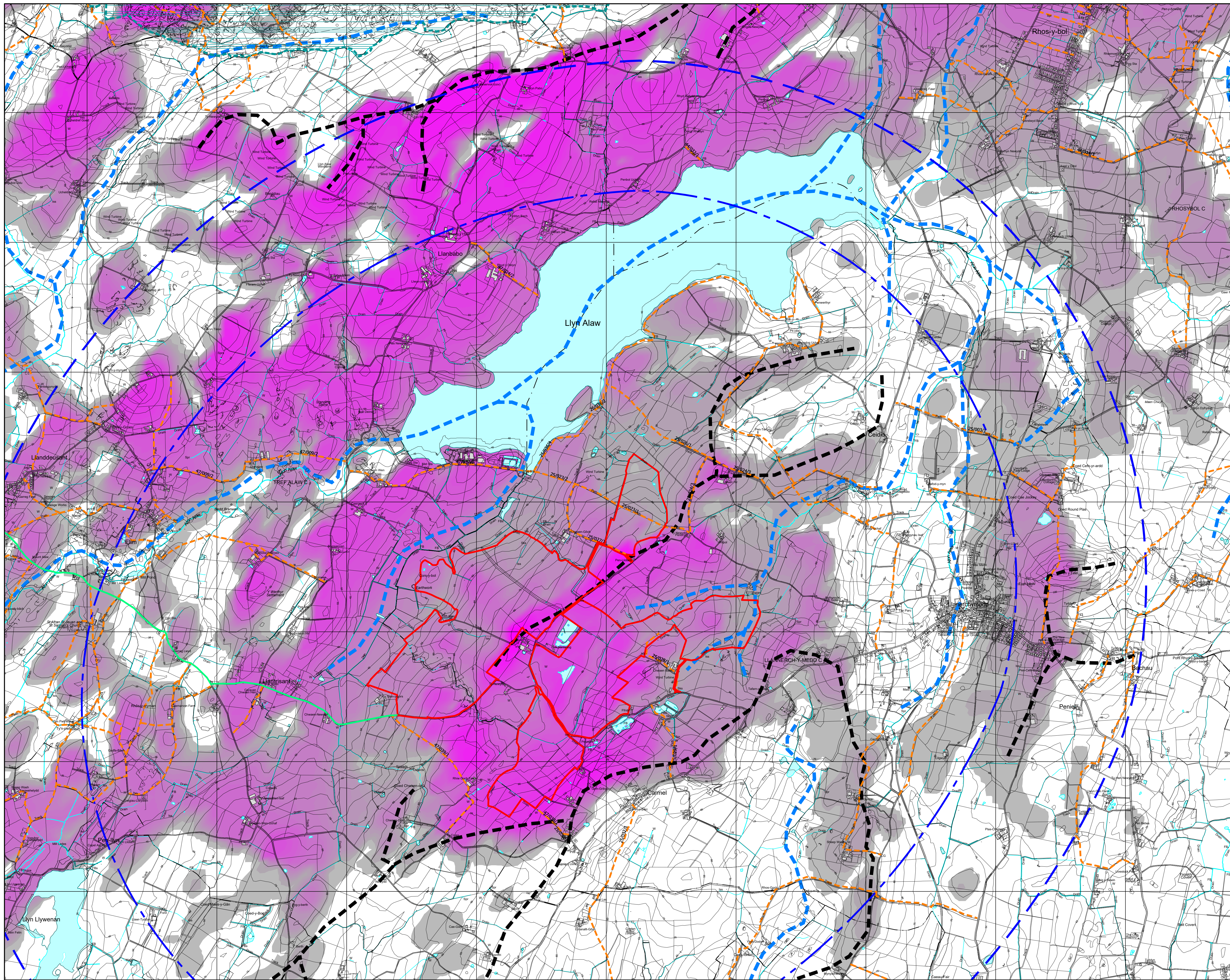

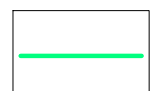

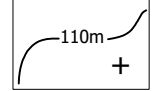




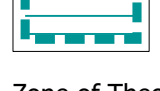
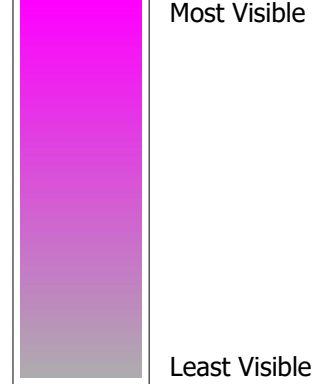


FIGURE 7.1
ZONE OF THEORETICAL VISIBILITY

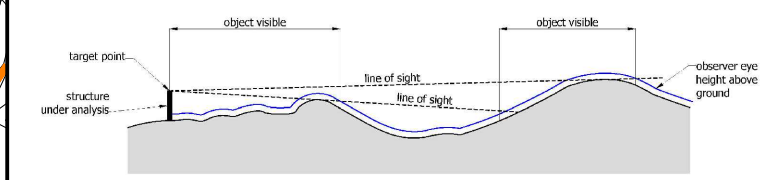


LEGEND

-  Site Boundary
-  Cable Route
-  Existing Water Courses and Water Features
-  Contours/Spot Heights (Metres AOD)
-  Ridgelines
-  Valleys
-  Study Area - 2km
-  Search Area - 3km
-  Public Rights of Way
-  Special Landscape Area Mynydd Mehell
- Zone of Theoretical Visibility (ZTV)**
-  Most Visible
Least Visible

Notes:
 The Zone of Theoretical Visibility (ZTV) provides an approximate portrayal of the greatest possible extent of visibility of the Proposed Development, on the basis of a digital ground model (DTM). The extent and nature of specific views towards the Proposed Development is to be verified through fieldwork to take account of other visual barriers, such as existing buildings, woodland, trees and infrastructure.

- The ZTV is produced using the specialised software package Key-Terra Firms which is an AutoCAD based application.
- The ZTV is produced by calculating the 'line of sight' from target points to analysis end.



- Parameters:**
- The study area for the ZTV is 17.6 x 13.9 km;
 - The ZTV accounts for ground topography on the basis of a model made from Ordnance Survey Terrain 50 data in the form of 3D points data on a 50m grid;
 - The ZTV does not account for any other features, including infrastructure, woodlands, trees and hedgerows, and existing built forms;
 - The ZTV is based on 387 targets across the areas of proposed solar panels, at a height of 3m above existing ground level;
 - The ZTV portrays the extent of visibility of the Proposed Development on the basis of if a target point is visible within a given 50m grid square.

FIGURE 7.1

Project
Alaw Môn Solar Farm,
 Anglesey

Drawing Title
Initial Zone of Theoretical Visibility (ZTV) - Bare Earth

Date	Scale	Drawn by	Check by
19.10.2023	1:15,000 @A1 1:30,000 @A3	ML	FS
Project No	Drawing No	Revision	
333100282	LN-LP-03	-	



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