



LEGEND

- Scoping Study Area
- Site - Solar PV and other associated infrastructure, mitigation and enhancement



PROJECT TITLE
PROSIECT MAEN HIR

DRAWING TITLE
Figure 1.1 Project Location

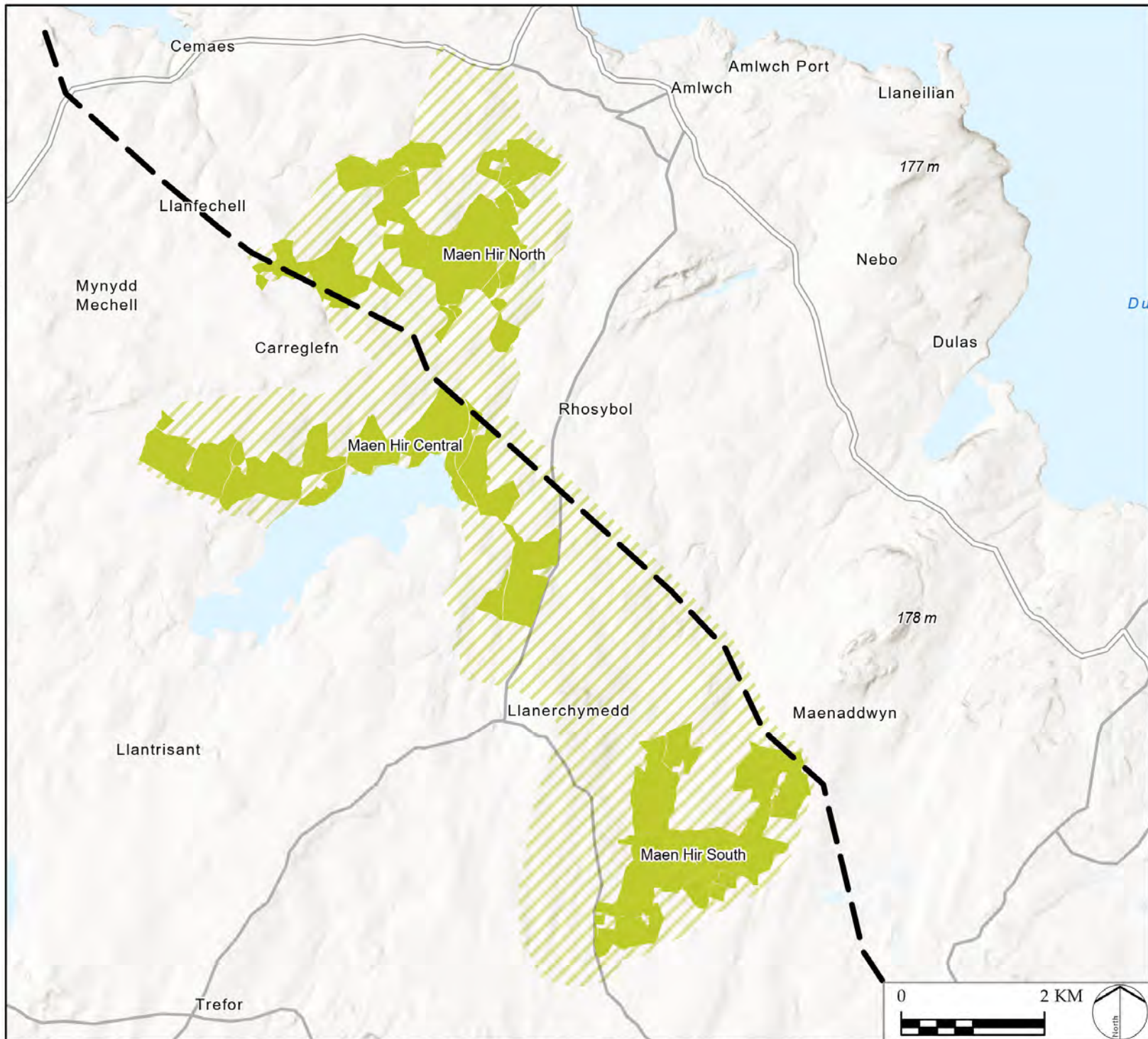
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STATUS	Final	APPROVED	PD

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LEGEND

-  400KV Line
-  Scoping Study Area
-  Site - Solar PV and other associated infrastructure, mitigation and enhancement



PROJECT TITLE
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Figure 2.1 Scoping Study Area

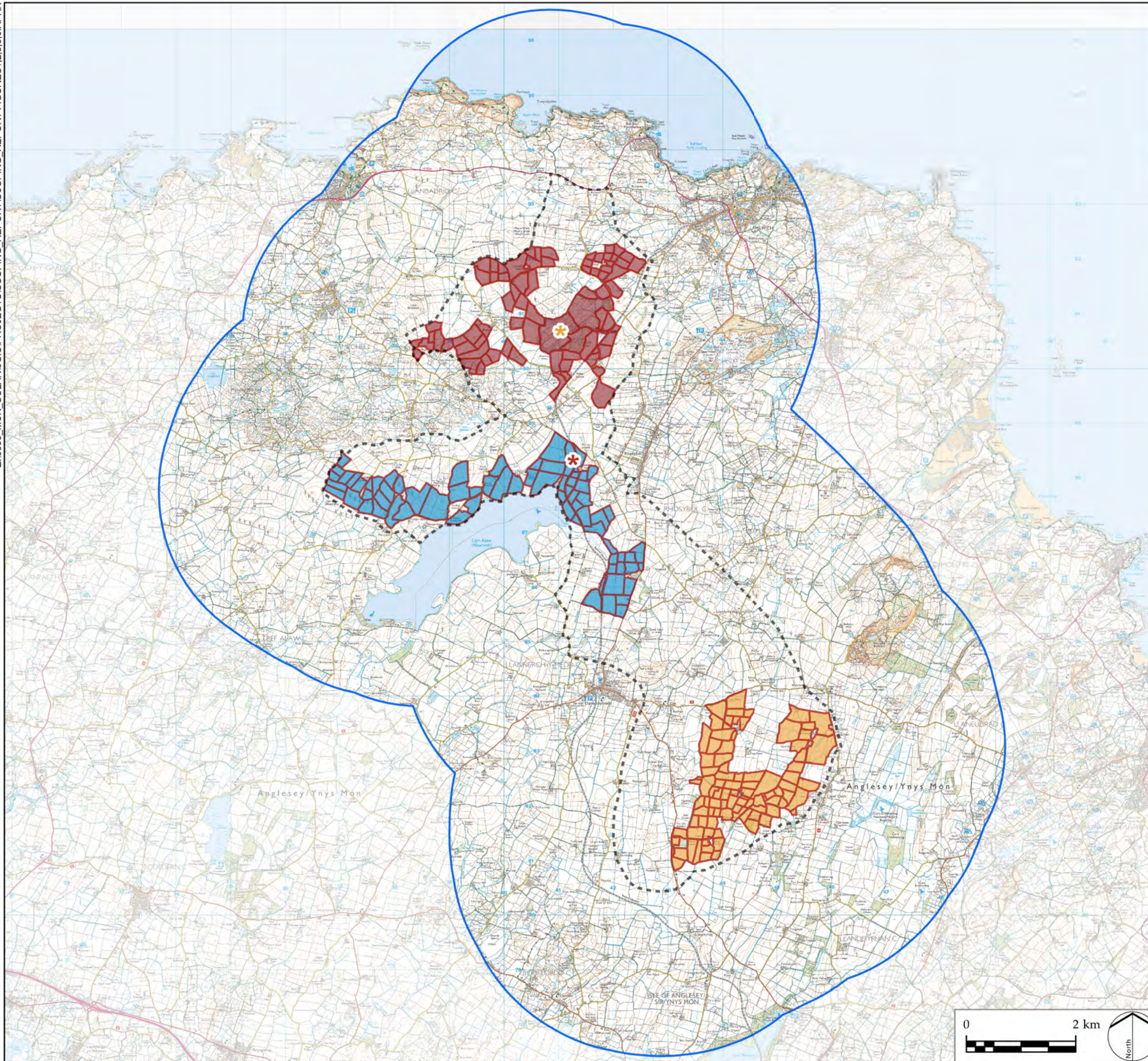
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LEGEND

- Site - Solar PV and Other Associated Infrastructure, Mitigation and Enhancement
 - Scoping Study Area
 - 3km LVIA Study Area (from Scoping Study Area)
- Solar Development**
- Maen Hir Central
 - Maen Hir North
 - Maen Hir South
- * Approximate Location of Potential Construction and Logistics Hub and Proposed BESS
 - * Approximate Location of Potential Substation

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Figure 7-1: Proposed 3km Study Area for LVIA

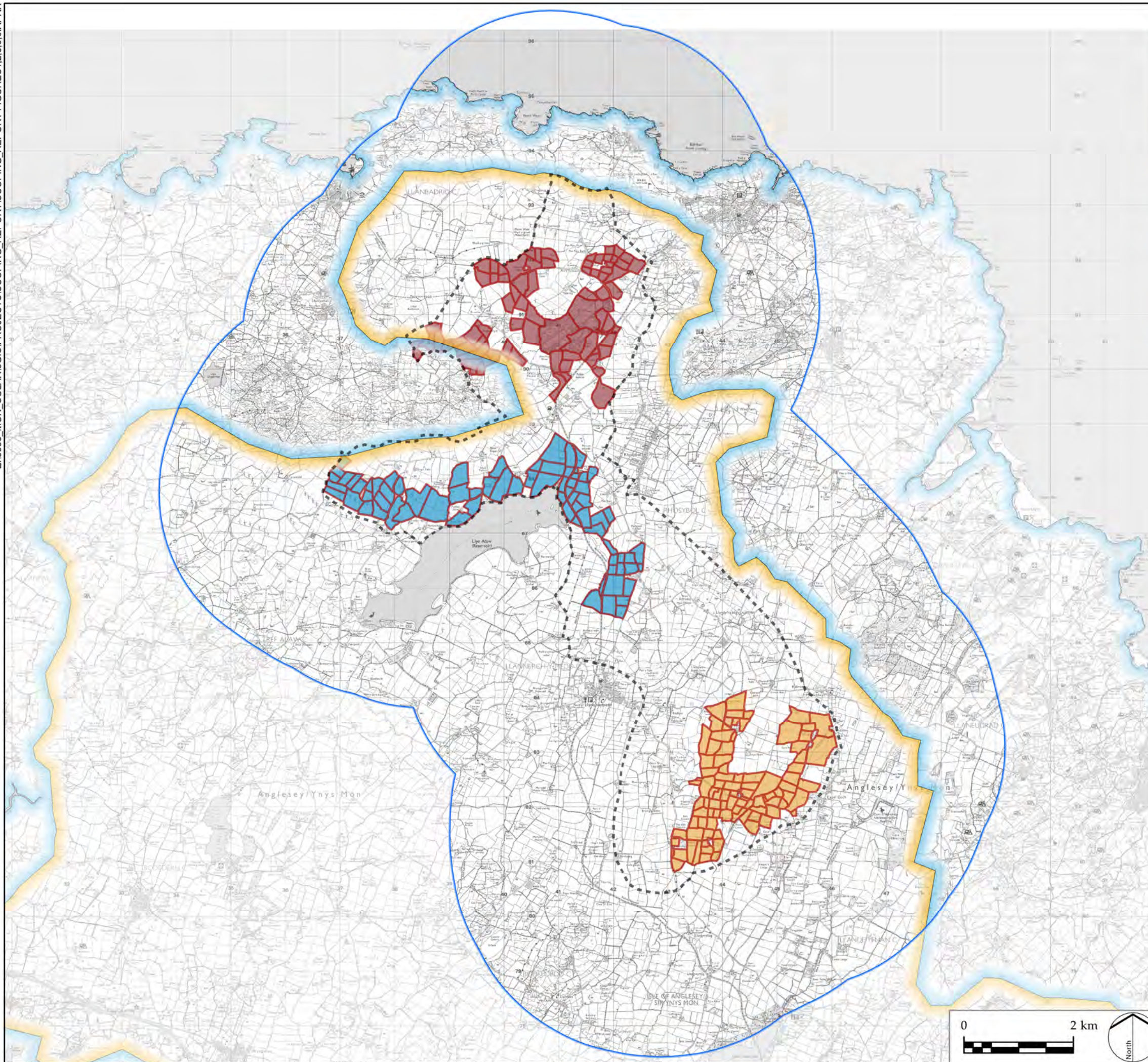
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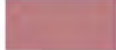



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LEGEND

-  Site - Solar PV and Other Associated Infrastructure, Mitigation and Enhancement
-  Scoping Study Area
-  3km LVIA Study Area (from Scoping Study Area)
- Solar Development**
-  Maen Hir Central
-  Maen Hir North
-  Maen Hir South
- National Landscape Character Area (NLCA)**
-  Arfordir Môn/Anglesey Coast
-  Canolbarth Môn/Central Anglesey



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Figure 7-2: National Landscape Character Areas

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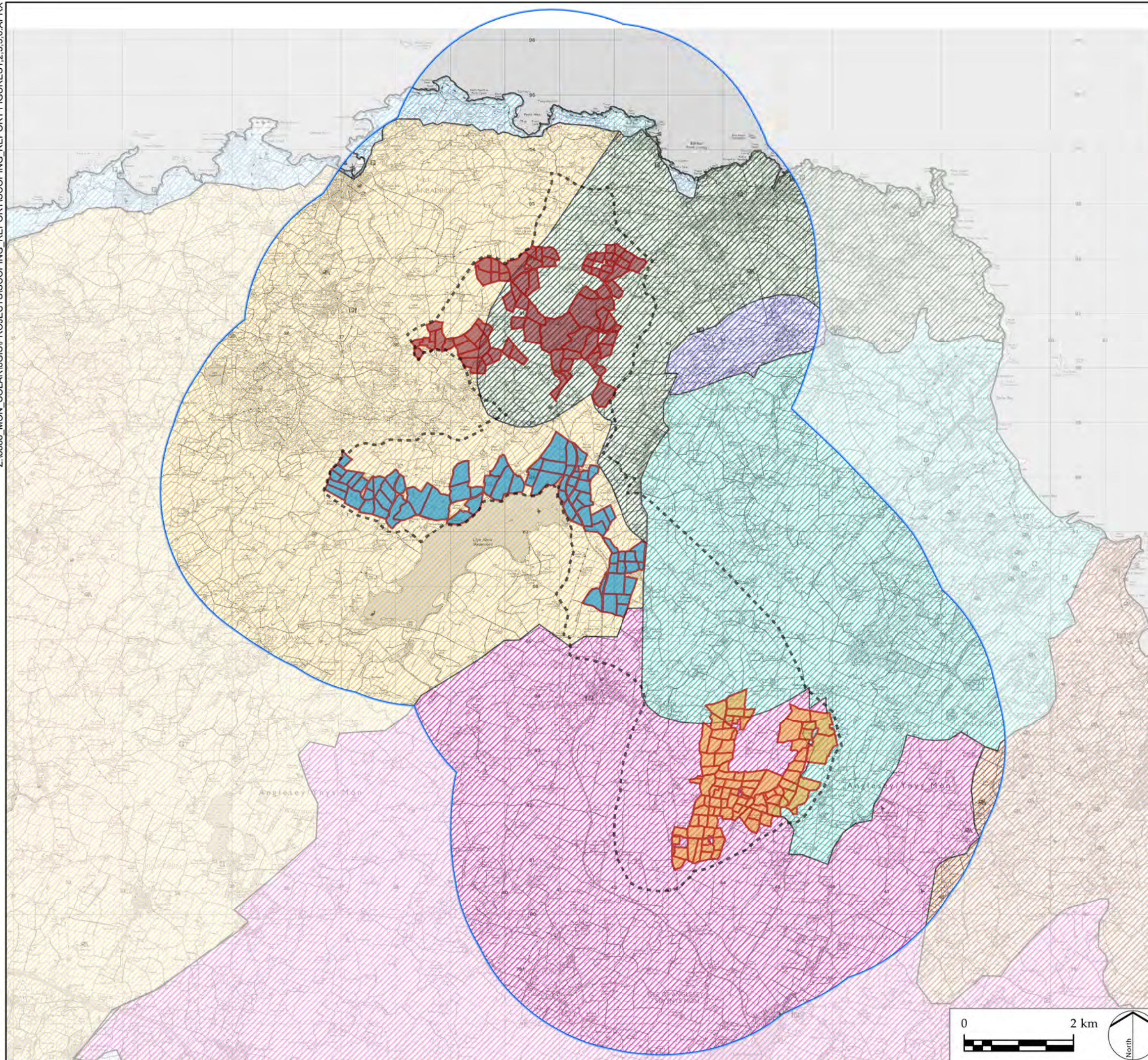
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LEGEND

-  Site - Solar PV and Other Associated Infrastructure, Mitigation and Enhancement
-  Scoping Study Area
-  3km LVIA Study Area (from Scoping Study Area)
- Solar Development**
-  Maen Hir Central
-  Maen Hir North
-  Maen Hir South
- Landscape Character Areas (LCA)**
-  4 - North West Coast (Arfordir y Gogledd Orllewin)
-  5 - North West Anglesey (Gogledd Orllewin Yny Mon)
-  6 - Amlwch and Environs (Almwh a'r Cyffiniau)
-  7 - Parys Mountain (Mynydd Parys)
-  8 - Dulas Bay Hinterland (Cefnwlad Bae Dulas)
-  9 - Red Wharf Bay (Y Traeth Coch)
-  17 - West Central Anglesey (Gorllewin Canol Ynys Mon)



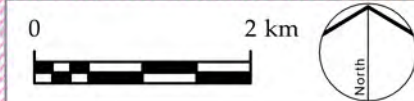
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PROSIECT MAEN HIR

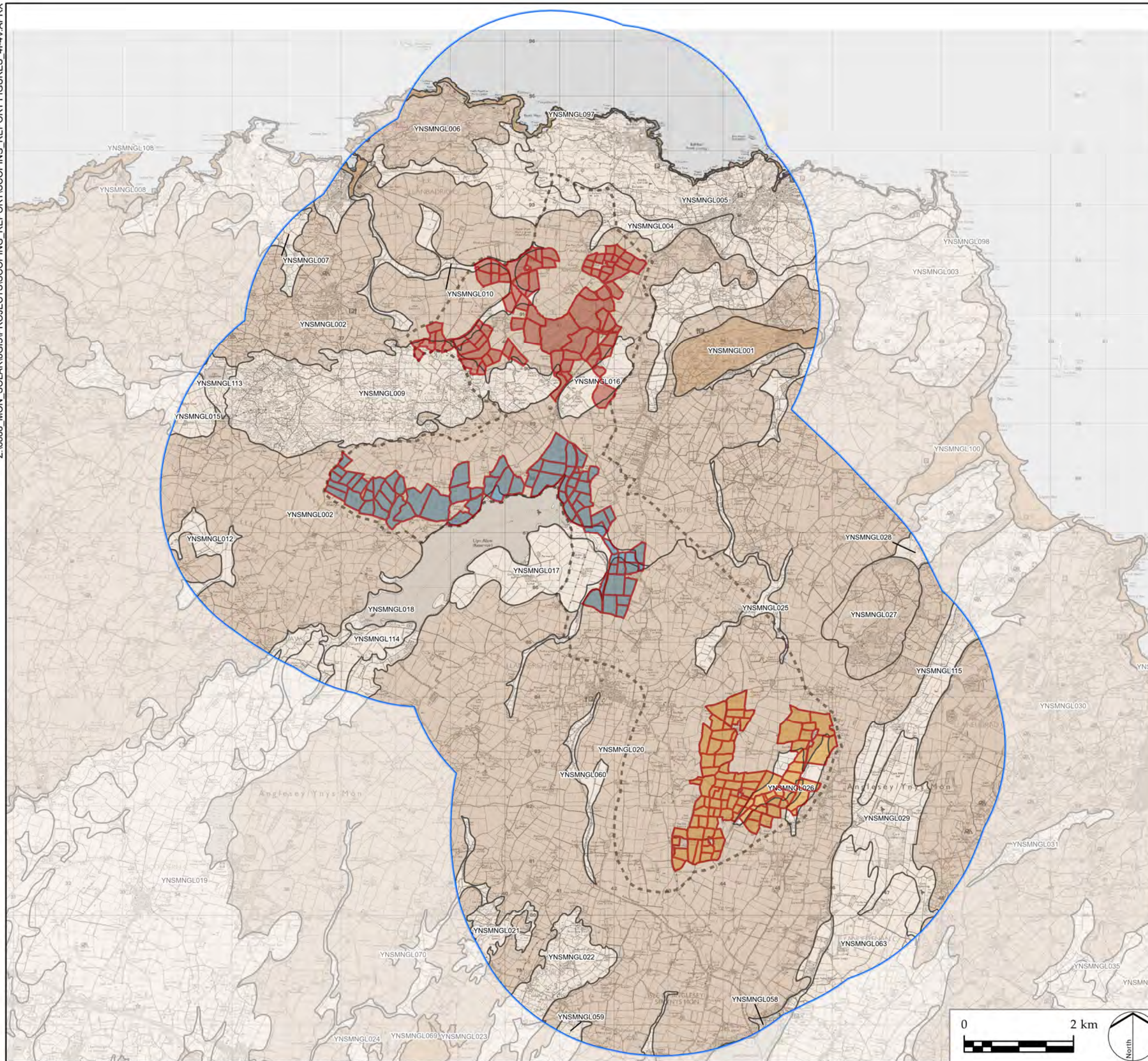
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Figure 7-3: Local Landscape Character

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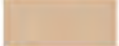

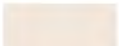
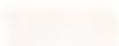

LEGEND

-  Site - Solar PV and Other Associated Infrastructure, Mitigation and Enhancement
-  Scoping Study Area
-  3km LVIA Study Area (from Scoping Study Area)

Solar Development

-  Maen Hir North
-  Maen Hir Central
-  Maen Hir South

LANDMAP Aspect: Geological Landscape

-  Outstanding
-  High
-  Moderate
-  Low
-  LANDMAP Aspect Area Boundary



PROJECT TITLE
PROSIECT MAEN HIR

DRAWING TITLE
Figure 7-4(i): LANDMAP Geological Landscape

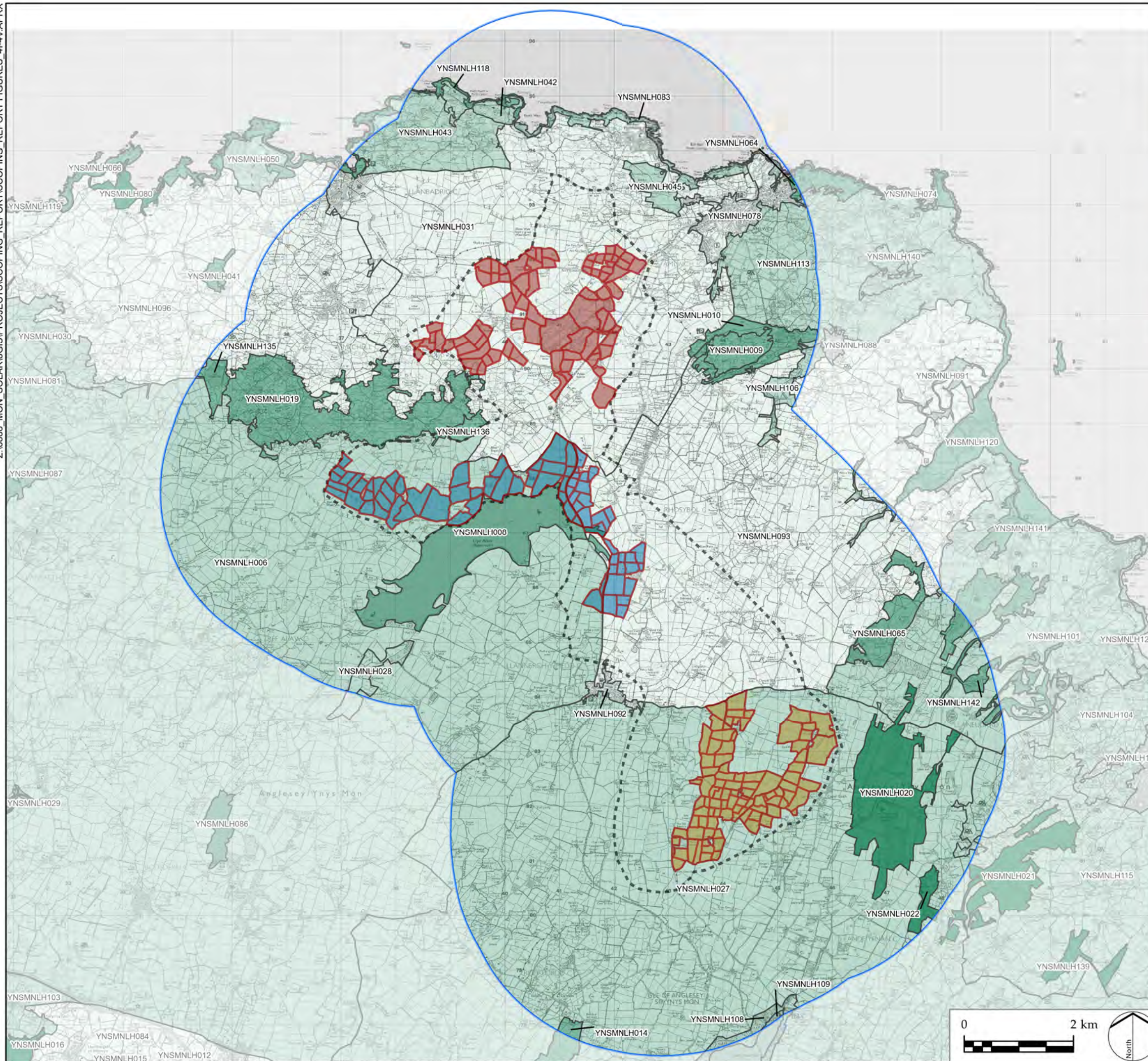
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LEGEND

- Site - Solar PV and Other Associated Infrastructure, Mitigation and Enhancement
- Scoping Study Area
- 3km LVIA Study Area (from Scoping Study Area)

Solar Development

- Maen Hir South
- Maen Hir Central
- Maen Hir North

LANDMAP Aspect: Landscape Habitats

- Outstanding
- High
- Moderate
- Low
- LANDMAP Aspect Area Boundary



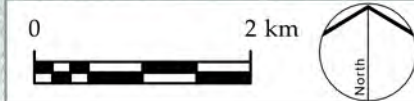
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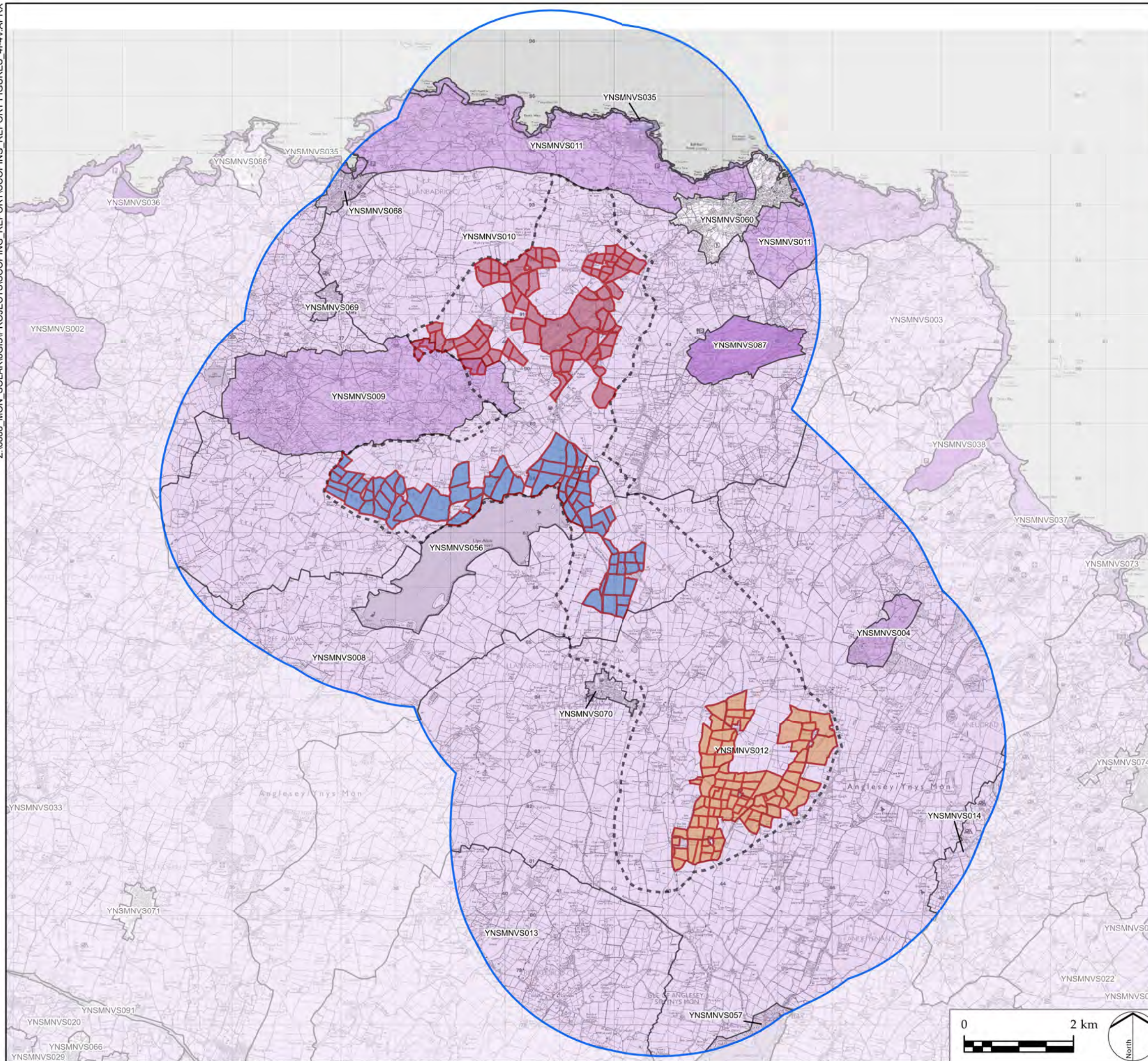
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Figure 7-4(ii): LANDMAP Landscape Habitats

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LEGEND

- Site - Solar PV and Other Associated Infrastructure, Mitigation and Enhancement
 - Scoping Study Area
 - 3km LVIA Study Area (from Scoping Study Area)
- Solar Development**
- Maen Hir South
 - Maen Hir Central
 - Maen Hir North
- LANDMAP Aspect: Visual and Sensory**
- Outstanding
 - High
 - Moderate
 - Low
 - LANDMAP Aspect Area Boundary



PROJECT TITLE
PROSIECT MAEN HIR

DRAWING TITLE
Figure 7-4(iii): LANDMAP Visual and Sensory

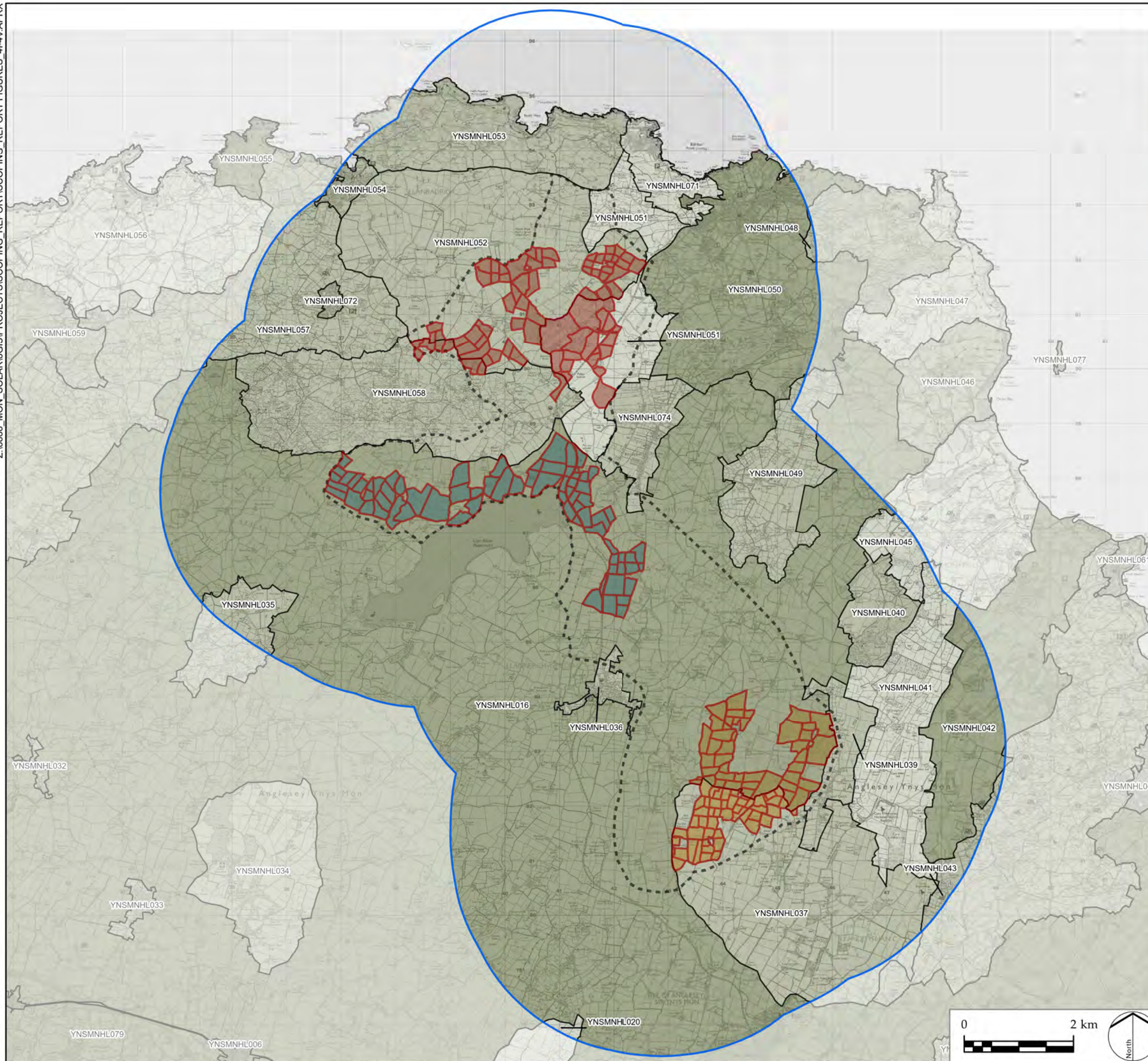
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LEGEND

- Site - Solar PV and Other Associated Infrastructure, Mitigation and Enhancement
- Scoping Study Area
- 3km LVIA Study Area (from Scoping Study Area)

Solar Development

- Maen Hir North
- Maen Hir Central
- Maen Hir South

LANDMAP Aspect: Historic Landscape

- Outstanding
- High
- Moderate
- Low
- LANDMAP Aspect Area Boundary



PROJECT TITLE
PROSIECT MAEN HIR

DRAWING TITLE
Figure 7-4(iv): LANDMAP Historic Landscape

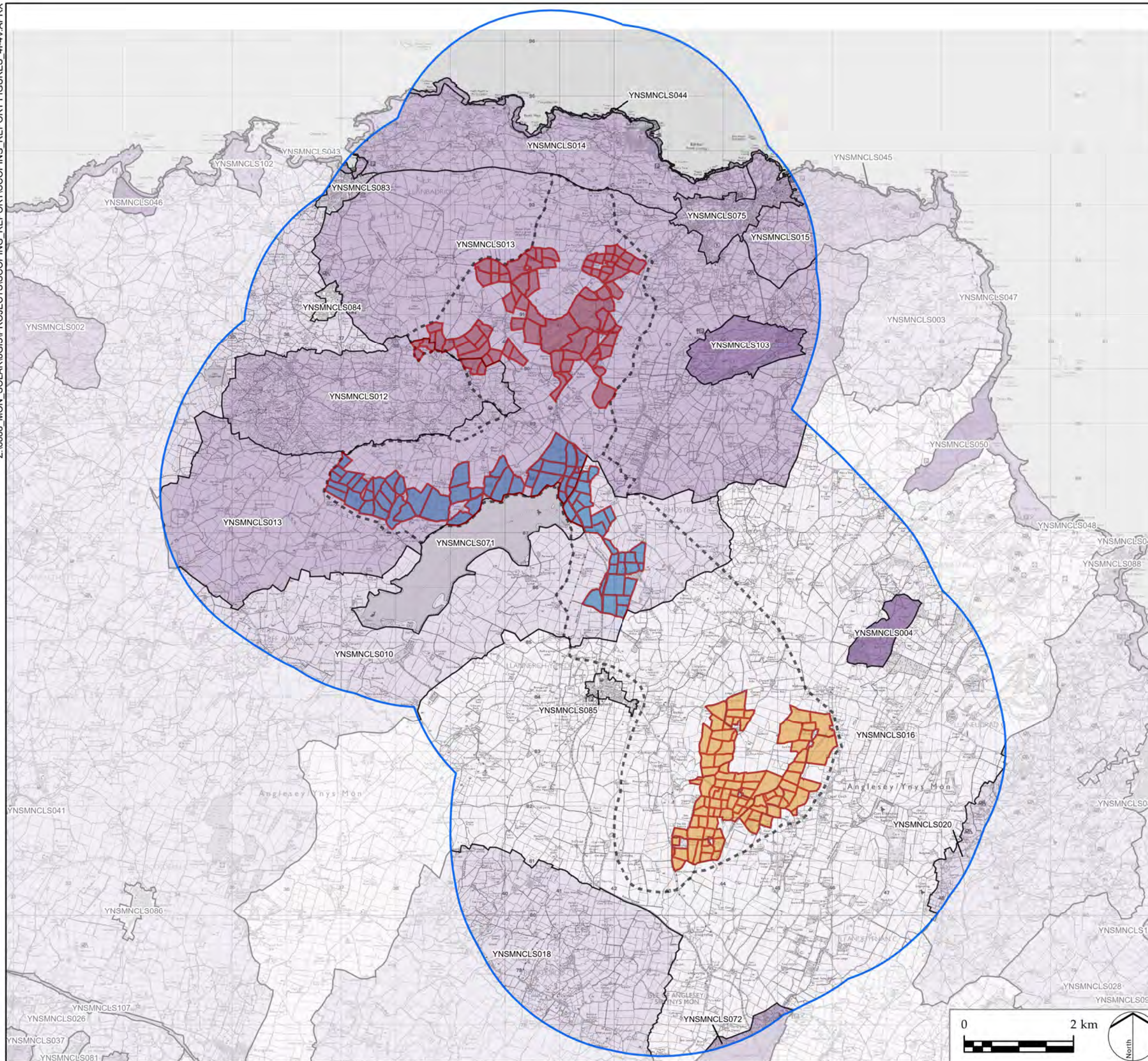
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LEGEND

- Site - Solar PV and Other Associated Infrastructure, Mitigation and Enhancement
- Scoping Study Area
- 3km LVIA Study Area (from Scoping Study Area)

Solar Development

- Maen Hir North
- Maen Hir Central
- Maen Hir South

LANDMAP Aspect: Cultural Landscape

- Outstanding
- High
- Moderate
- Low
- LANDMAP Aspect Area Boundary



PROJECT TITLE
PROSIECT MAEN HIR

DRAWING TITLE
Figure 7-4(v): LANDMAP Cultural Landscape

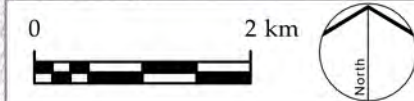
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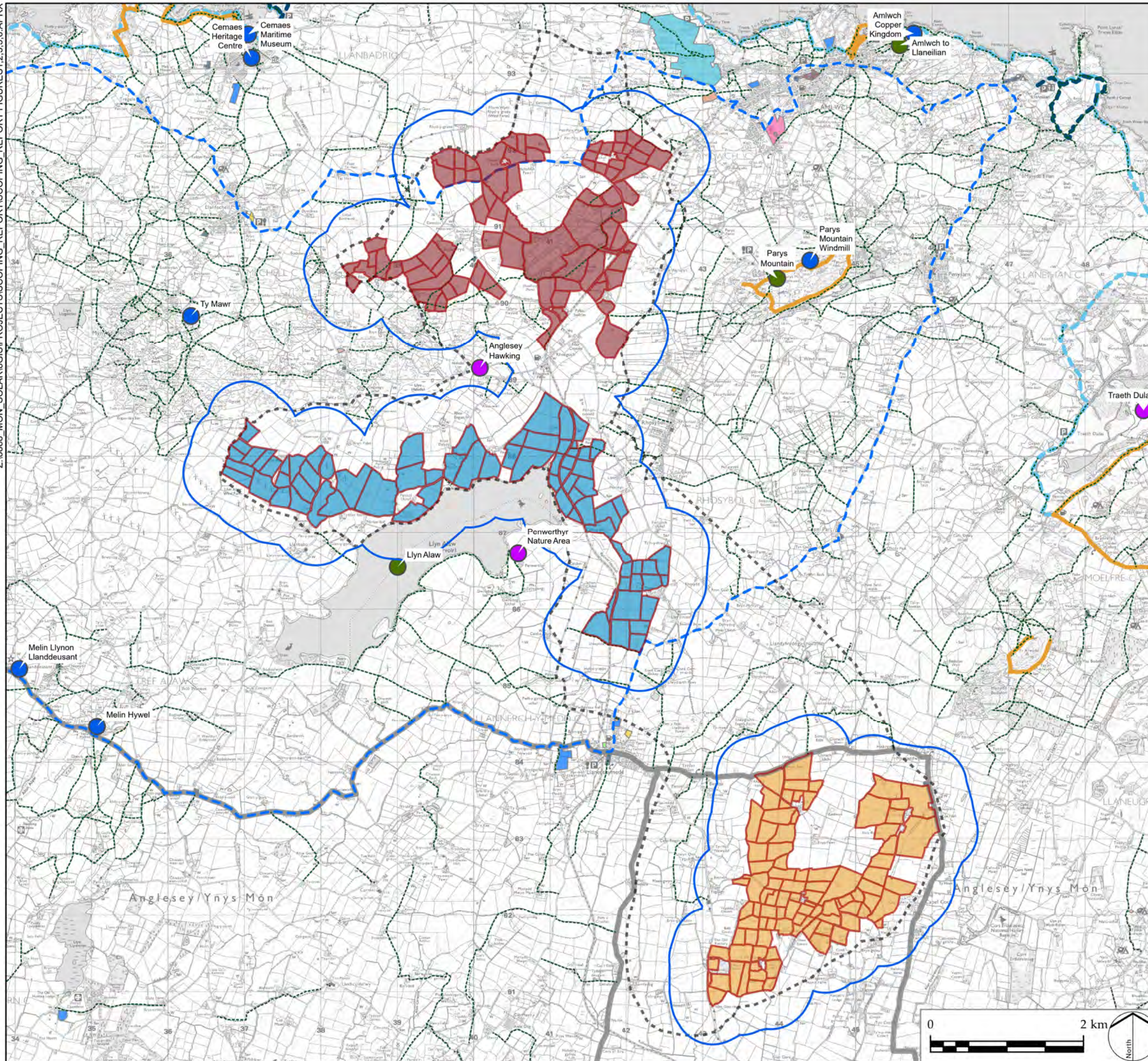
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LEGEND

- Site - Solar PV and Other Associate Infrastructure, Mitigation and Enhancement
- Scoping Study Area
- 500m from Solar Development Parcels
- Maen Hir Central
- Maen Hir North
- Maen Hir South
- Solar Development**
- Public Right of Way
- Footpath
- Bridleway
- Byway Open to all Traffic
- Restricted Byway
- National Cycle Network
- Circular Walk
- Geotrail
- Anglesey / Wales Coastal Path
- Copper Trail Long Distance Path
- Destinations**
- Wildlife Destination
- Heritage Destination
- Landscape Destination
- OS Greenspace Area**
- Allotments Or Community Growing Spaces
- Bowling Green
- Cemetery
- Golf Course
- Other Sports Facility
- Play Space
- Playing Field
- Public Park Or Garden
- Religious Grounds
- Tennis Court



PROJECT TITLE
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Figure 7-5: Amenity and Recreation

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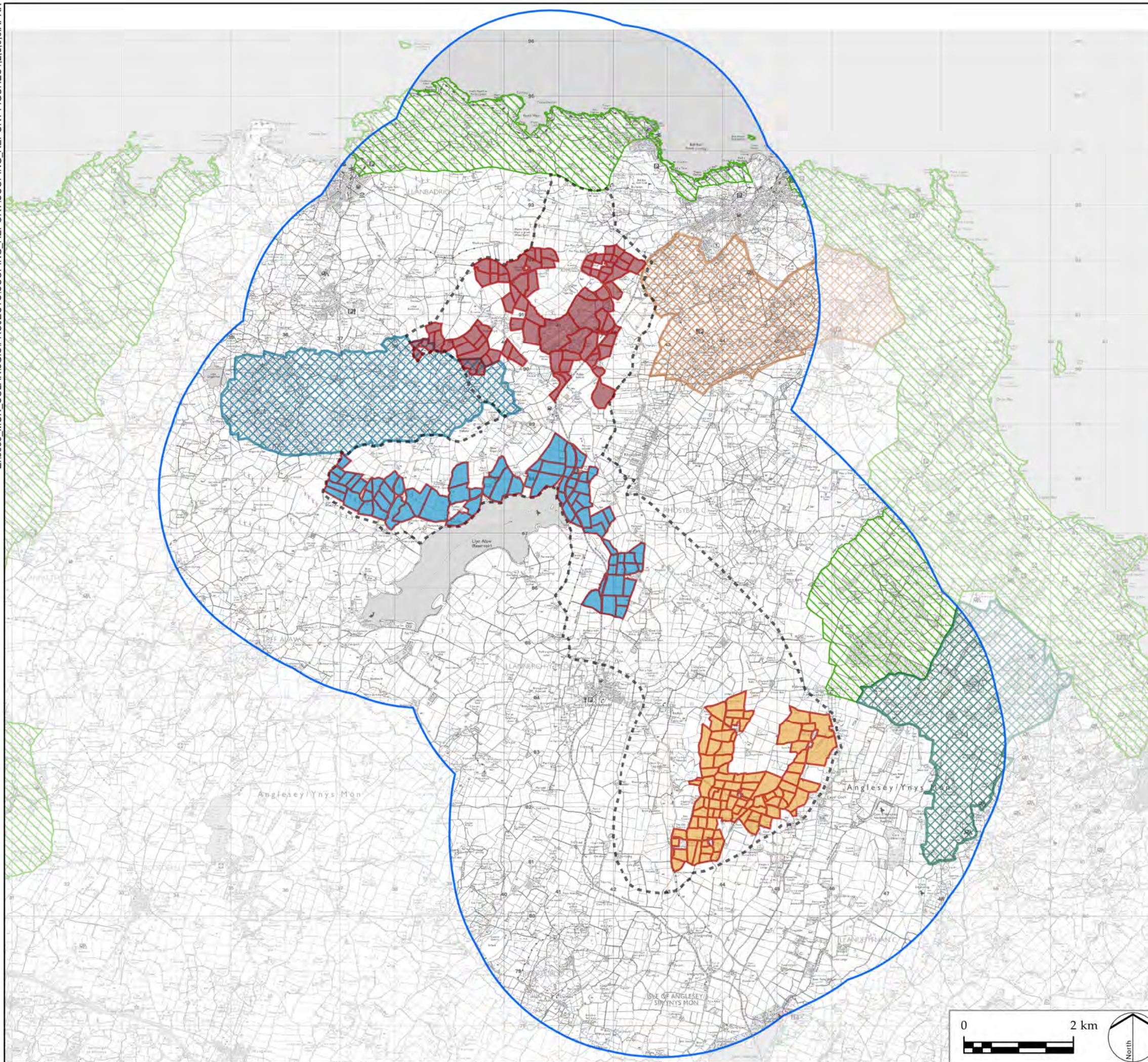
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LEGEND

-  Site - Solar PV and Other Associated Infrastructure, Mitigation and Enhancement
-  Scoping Study Area
-  3km LVIA Study Area (from Scoping Study Area)

Solar Development

-  Maen Hir Central
-  Maen Hir North
-  Maen Hir South

-  Anglesey Coast Area of Outstanding Natural Beauty (AONB)

Special Landscape Area (SLA)

-  Parciau Estatelands
-  Mynydd Mechell and Surrounds
-  Parys Mountain and Slopes



PROJECT TITLE
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Figure 7-6: Landscape Designations

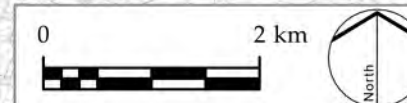
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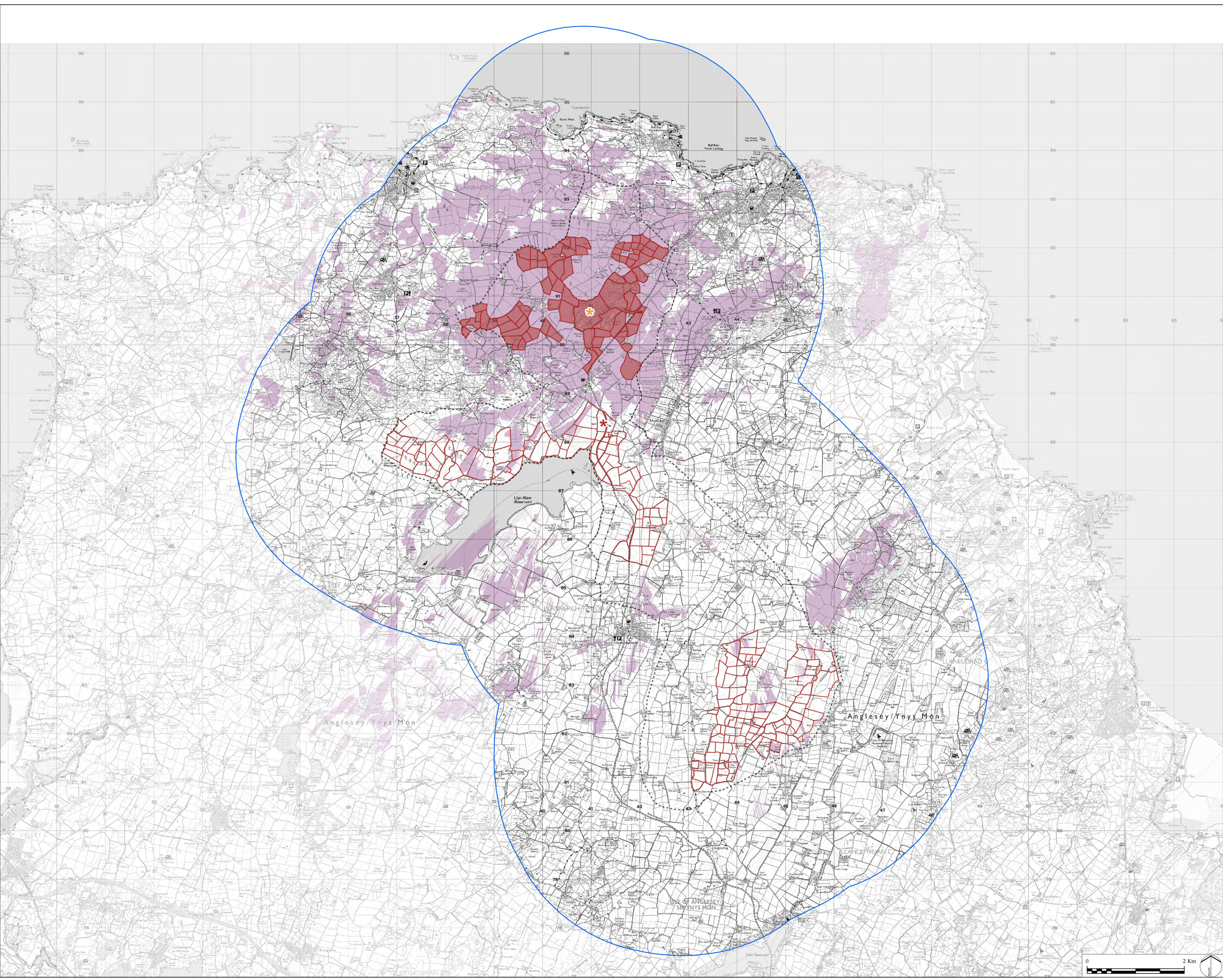
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- LEGEND**
- Site - Solar PV and Other Associated Infrastructure, Mitigation and Enhancement
 - Scoping Study Area
 - 3km LVIA Study Area (from Scoping Study Area)
 - Maen Hir North Solar Development
 - ★ Approximate Potential Location of Construction and Logistics Hub and Proposed BESS
 - ★ Approximate Potential Location of Substation
 - Preliminary Zone of Theoretical Visibility (ZTV) for Solar PV Sites within Maen Hir North
Based on a panel height of 3.3m above ground level (agl)

This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the viewshed routine in the ESRI ArcGIS Suite. The areas shown are the maximum theoretical visibility, taking into account topography, vegetation and buildings which have been included in the model with the heights obtained from a LiDAR digital surface model.

Due to its resolution, the surface model does not take into account every localised feature such as walls, small hedgerows or small trees and therefore only gives an impression of the extent of visibility.

The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on LiDAR terrain data with a 1m² resolution.

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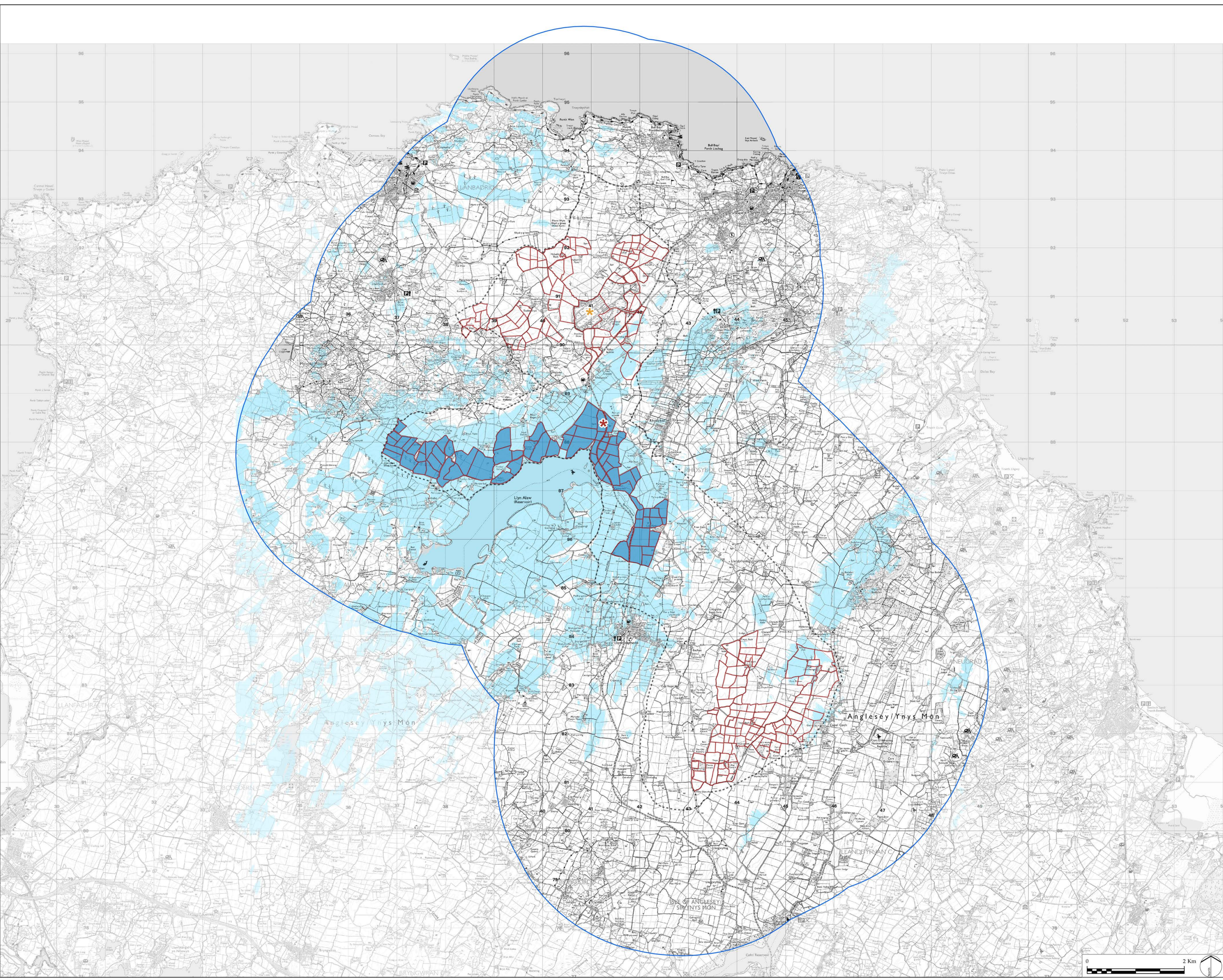
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Figure 7-07: Preliminary Zone of Theoretical Visibility (ZTV) for Maen Hir North

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- LEGEND**
- Site - Solar PV and Other Associated Infrastructure, Mitigation and Enhancement
 - Scoping Study Area
 - 3km LVIA Study Area (from Scoping Study Area)
 - Maen Hir Central Solar Development
 - ★ Approximate Potential Location of Construction and Logistics Hub and Proposed BESS
 - ★ Approximate Potential Location of Substation
 - Preliminary Zone of Theoretical Visibility (ZTV) for Solar PV Sites within Maen Hir Central
Based on a panel height of 3.3m above ground level (agl)

This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the viewshed routine in the ESRI ArcGIS Suite. The areas shown are the maximum theoretical visibility, taking into account topography, vegetation and buildings which have been included in the model with the heights obtained from a LiDAR digital surface model.

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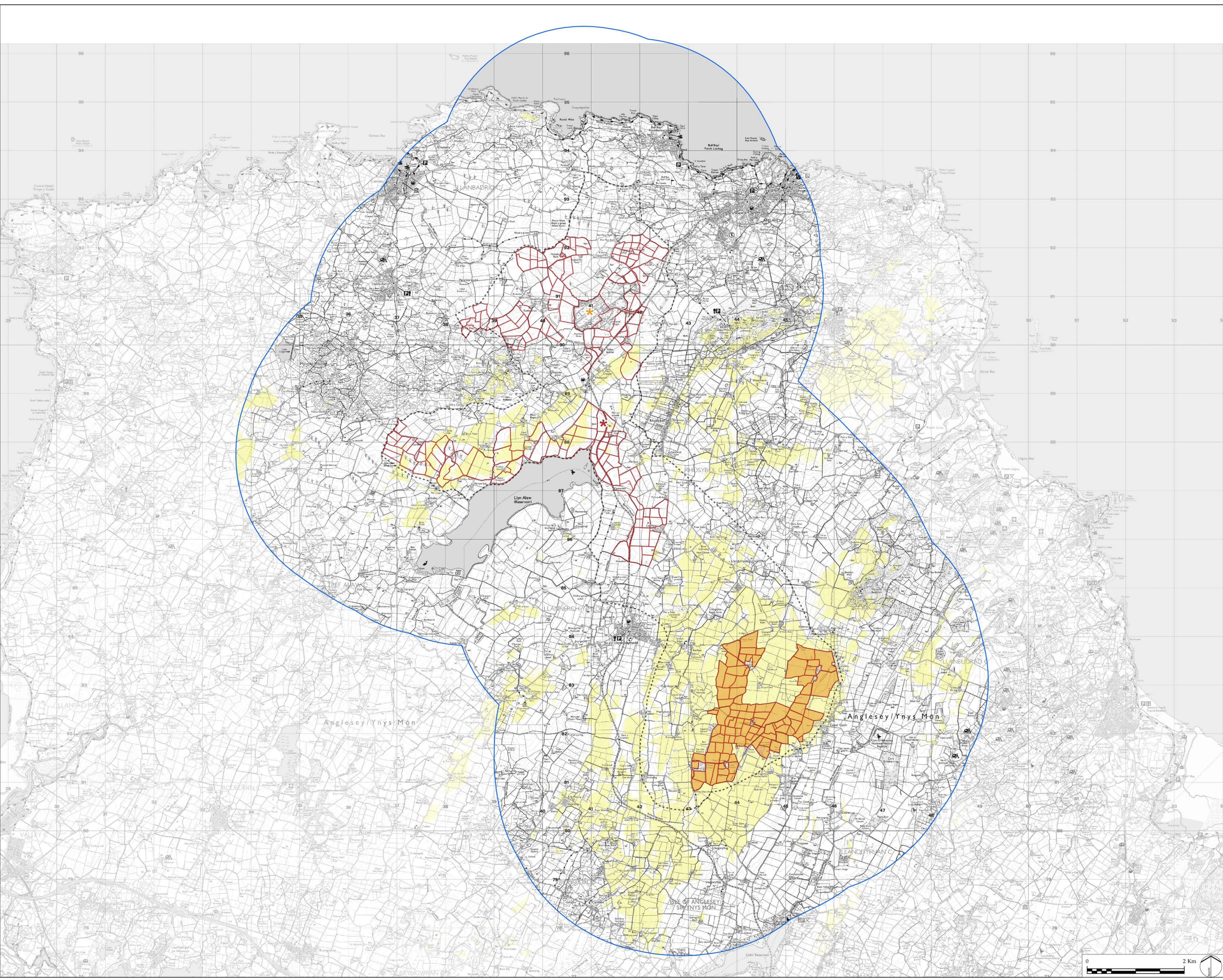
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Figure 7-08: Preliminary Zone of Theoretical Visibility (ZTV) for Maen Hir Central

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LEGEND

- Site - Solar PV and Other Associated Infrastructure, Mitigation and Enhancement
- Scoping Study Area
- 3km LVIA Study Area (from Scoping Study Area)
- Maen Hir South Solar Development
- ★ Approximate Potential Location of Construction and Logistics Hub and Proposed BESS
- ★ Approximate Potential Location of Substation
- Preliminary Zone of Theoretical Visibility (ZTV) for Solar PV Sites within Maen Hir South
Based on a panel height of 3.3m above ground level (agl)

This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the viewshed routine in the ESRI ArcGIS Suite. The areas shown are the maximum theoretical visibility, taking into account topography, vegetation and buildings which have been included in the model with the heights obtained from a LiDAR digital surface model.

Due to its resolution, the surface model does not take into account every localised feature such as walls, small hedgerows or small trees and therefore only gives an impression of the extent of visibility.

The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on LiDAR terrain data with a 1m² resolution.

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PROSIECT MAEN HIR

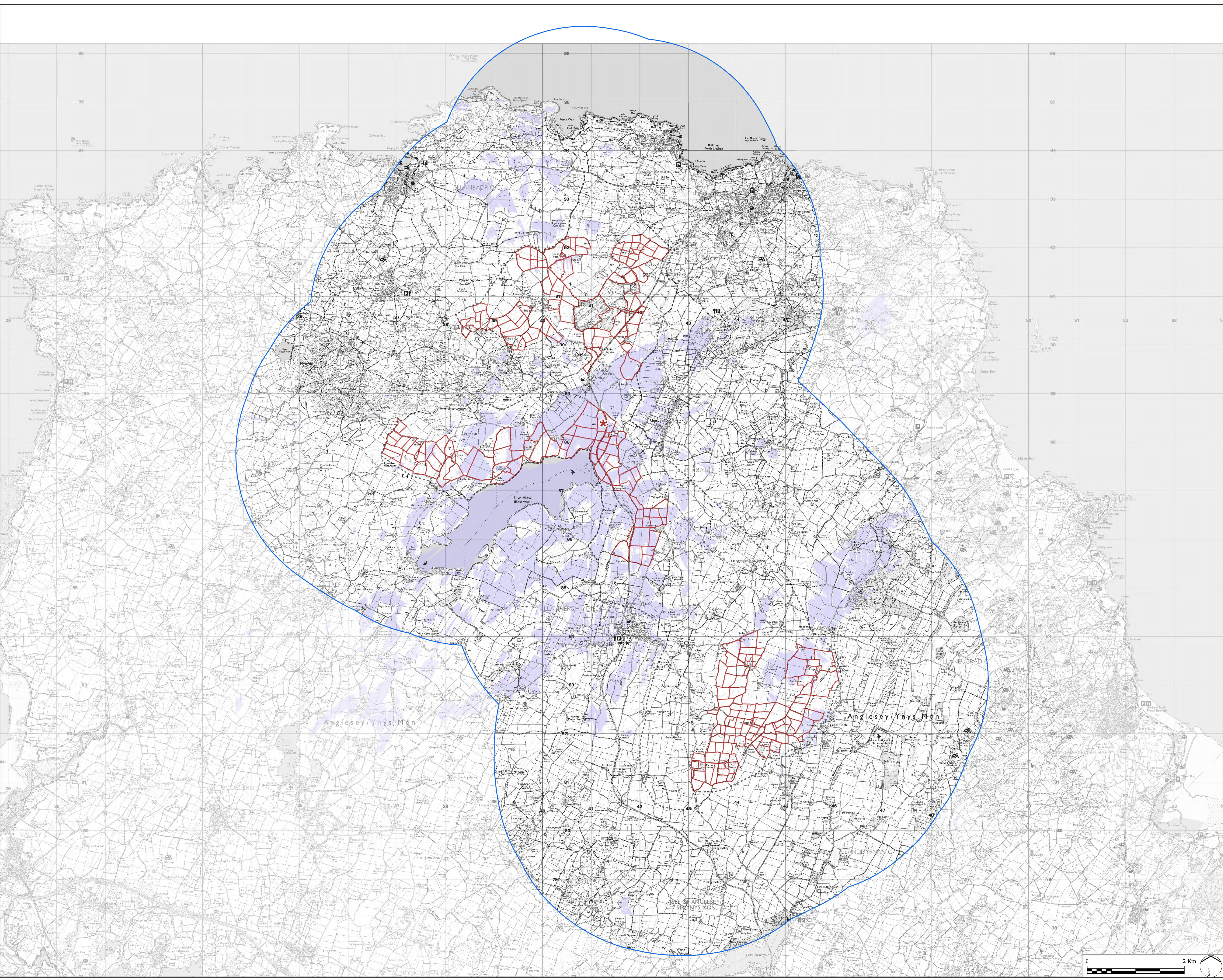
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Figure 7-09: Preliminary Zone of Theoretical Visibility (ZTV) for Maen Hir South

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- Site - Solar PV and Other Associated Infrastructure, Mitigation and Enhancement
- Scoping Study Area
- 3km LVIA Study Area (from Scoping Study Area)
- * Approximate Potential Location of Substation
- Preliminary Zone of Theoretical Visibility (ZTV) for Potential Location of Substation
Based on a building height of 13m above ground level (agl)

This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the viewshed routine in the ESRI ArcGIS Suite. The areas shown are the maximum theoretical visibility, taking into account topography, vegetation and buildings which have been included in the model with the heights obtained from a LiDAR digital surface model.

Due to its resolution, the surface model does not take into account every localised feature such as walls, small hedgerows or small trees and therefore only gives an impression of the extent of visibility.

The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on LiDAR terrain data with a 1m² resolution.

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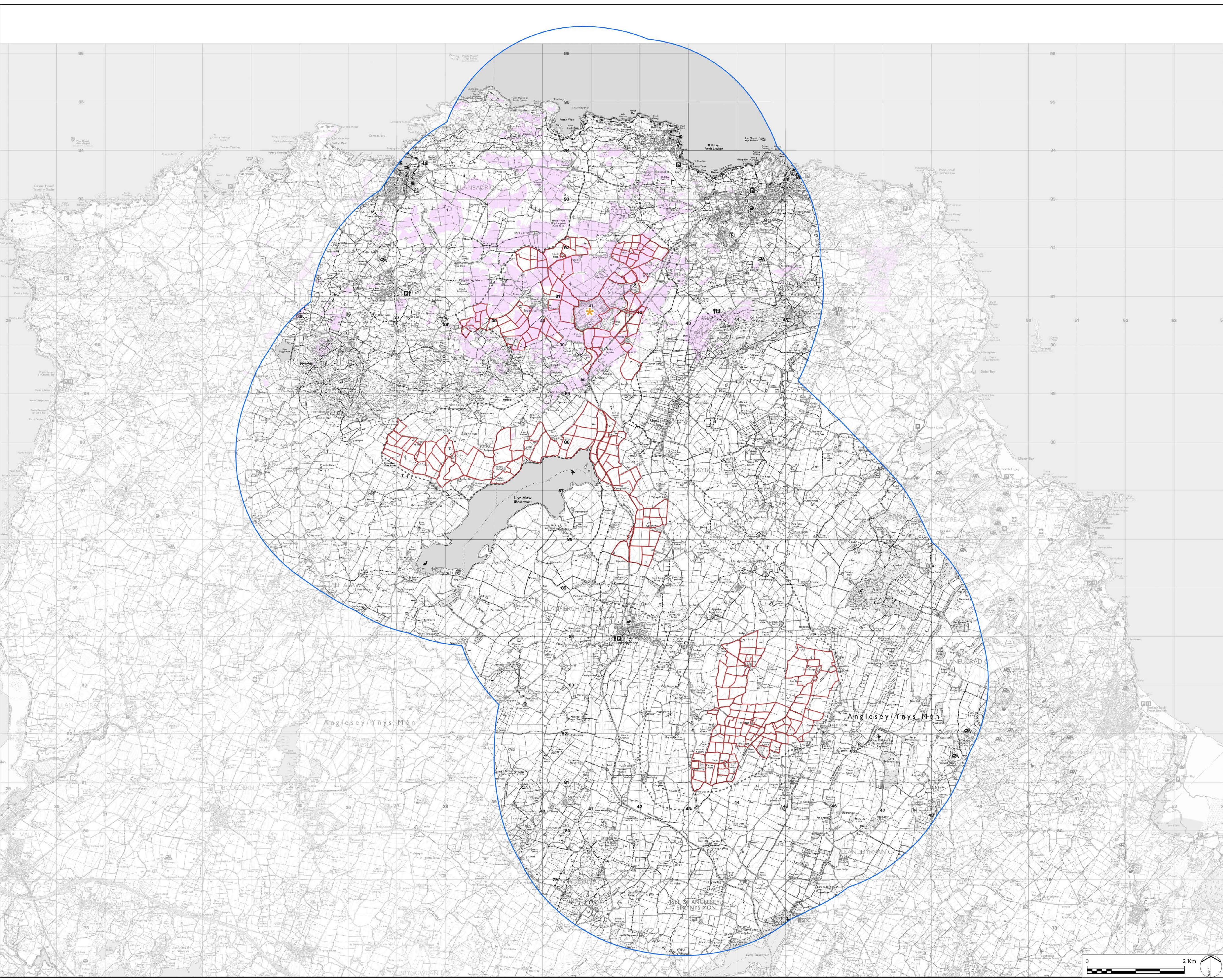
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Figure 7-10: Preliminary Zone of Theoretical Visibility (ZTV) for Potential Location of Substation

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- LEGEND**
- Site - Solar PV and Other Associated Infrastructure, Mitigation and Enhancement
 - Scoping Study Area
 - 3km LVIA Study Area (from Scoping Study Area)
 - ★ Approximate Potential Location of Construction and Logistics Hub and BESS
 - Preliminary Zone of Theoretical Visibility (ZTV) for Potential Location of Construction and Logistics Hub and BESS
Based on a building height of 13m above ground level (agl)

This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the viewshed routine in the ESRI ArcGIS Suite. The areas shown are the maximum theoretical visibility, taking into account topography, vegetation and buildings which have been included in the model with the heights obtained from a LIDAR digital surface model.

Due to its resolution, the surface model does not take into account every localised feature such as walls, small hedgerows or small trees and therefore only gives an impression of the extent of visibility.

The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on LIDAR terrain data with a 1m² resolution.

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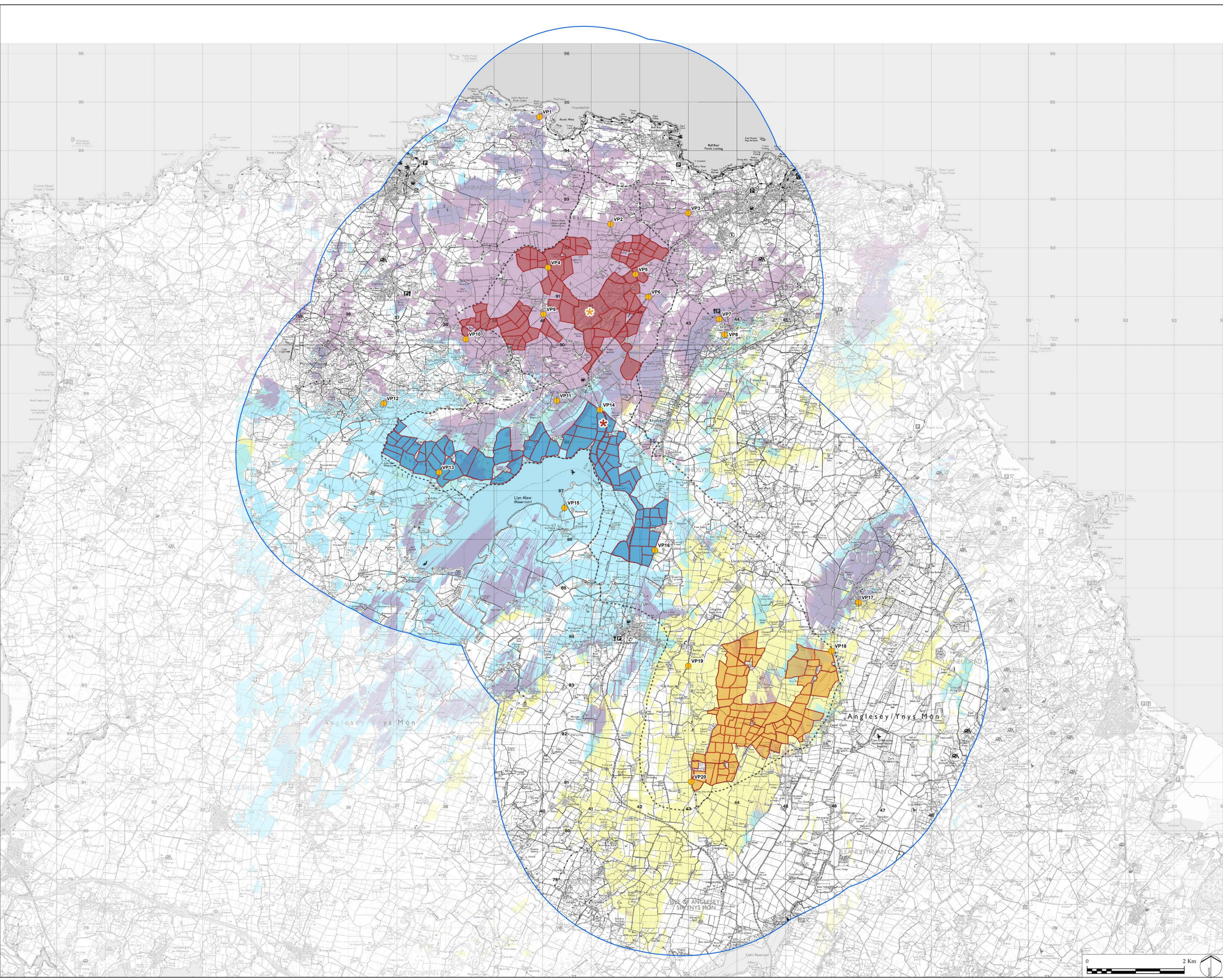
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PROSIECT MAEN HIR

DRAWING TITLE
Figure 7-11: Preliminary Zone of Theoretical Visibility (ZTV) for Potential Location of Construction and Logistics Hub and BESS

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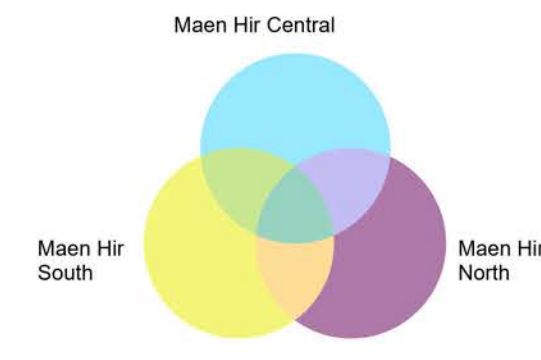
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No dimensions are to be scaled from this drawing.
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Area measurements for indicative purposes only.
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Sources: Ordnance Survey



- LEGEND**
- Site - Solar PV and Other Associated Infrastructure, Mitigation and Enhancement
 - Scoping Study Area
 - 3km LVIA Study Area (from Scoping Study Area)
 - Preliminary LVIA Viewpoints
- Solar Development**
- Maen Hir South
 - Maen Hir Central
 - Maen Hir North
- ★ Approximate Potential Location of Construction and Logistics Hub and Proposed BESS
 - ★ Approximate Potential Location of Substation

Preliminary Zone of Theoretical Visibility (ZTV) for Solar PV Sites within Solar Development Areas
Based on a panel height of 3.3m above ground level (agl)



This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the viewshed routine in the ESRI ArcGIS Suite. The areas shown are the maximum theoretical visibility, taking into account topography, vegetation and buildings which have been included in the model with the heights obtained from a LIDAR digital surface model.

Due to its resolution, the surface model does not take into account every localised feature such as walls, small hedgerows or small trees and therefore only gives an impression of the extent of visibility.

The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on LIDAR terrain data with a 1m² resolution.

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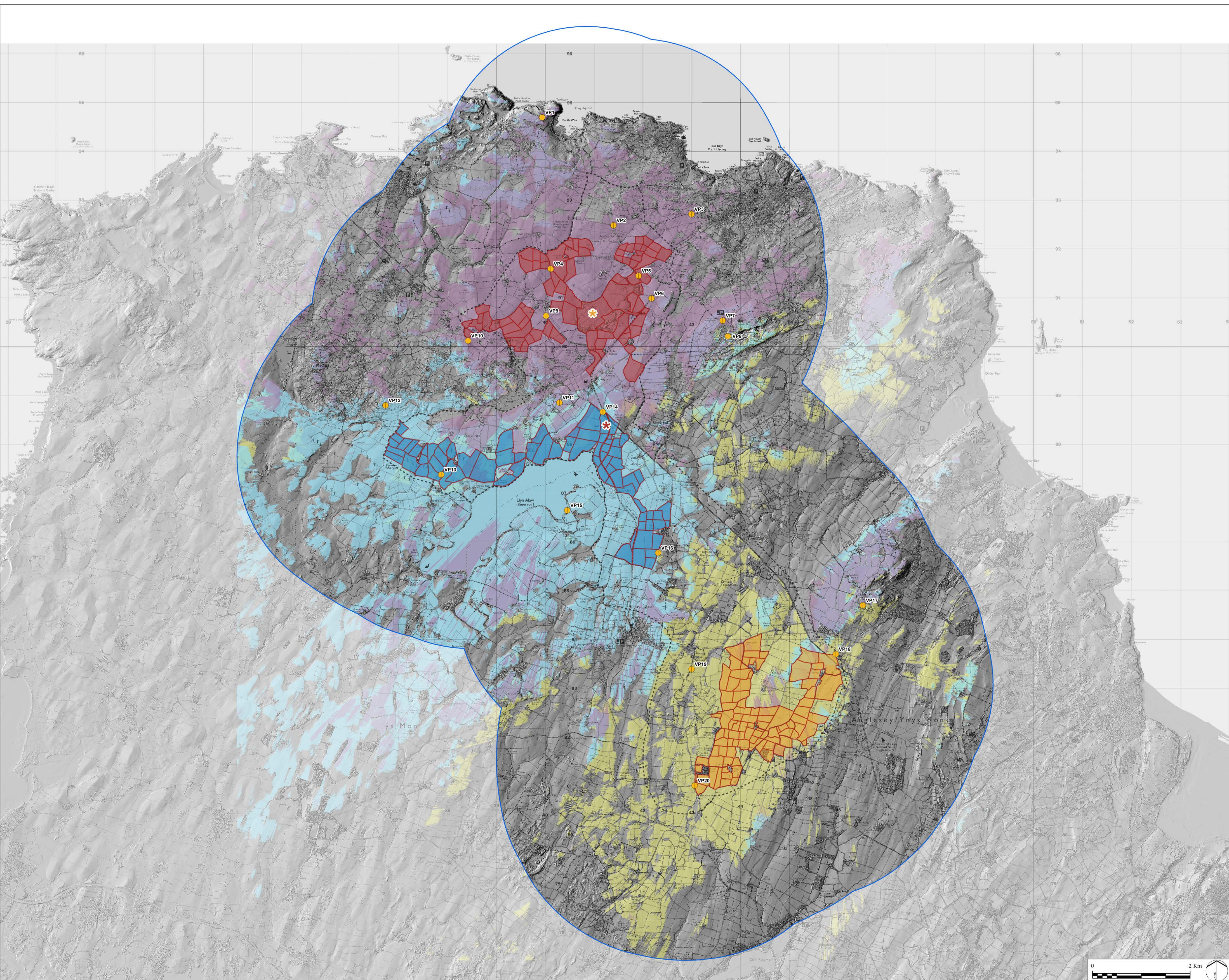
DRAWING TITLE
Figure 7-12: Cumulative Zone of Theoretical Visibility (ZTV) and LVIA Viewpoints

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DATE	Oct 2023	DRAWN BF
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STATUS	Draft	APPROVED RF

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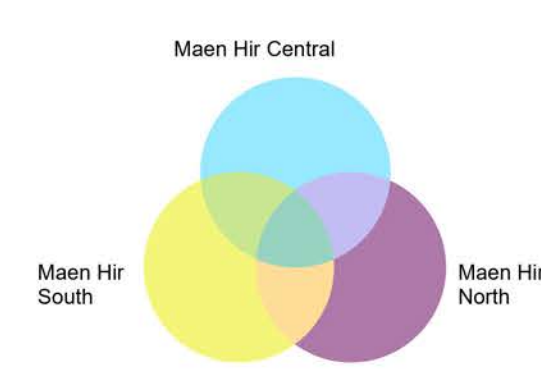
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Preliminary Zone of Theoretical Visibility (ZTV) for Solar PV Sites within Solar Development Areas
Based on a panel height of 3.3m above ground level (agl)



This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the viewshed routine in the ESRI ArcGIS Suite. The areas shown are the maximum theoretical visibility, taking into account topography, vegetation and buildings which have been included in the model with the heights obtained from a LIDAR digital surface model.

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PROJECT TITLE
PROSIECT MAEN HIR

DRAWING TITLE
Figure 7-13: Cumulative Zone of Theoretical Visibility (ZTV) and LVIA Viewpoints

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