

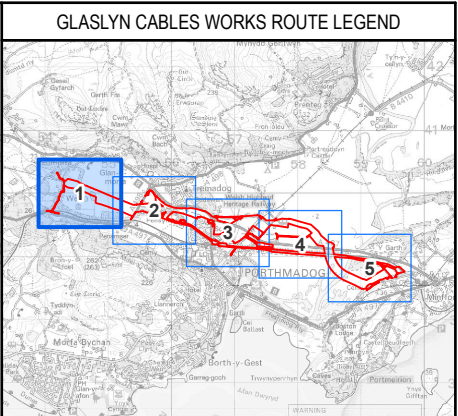
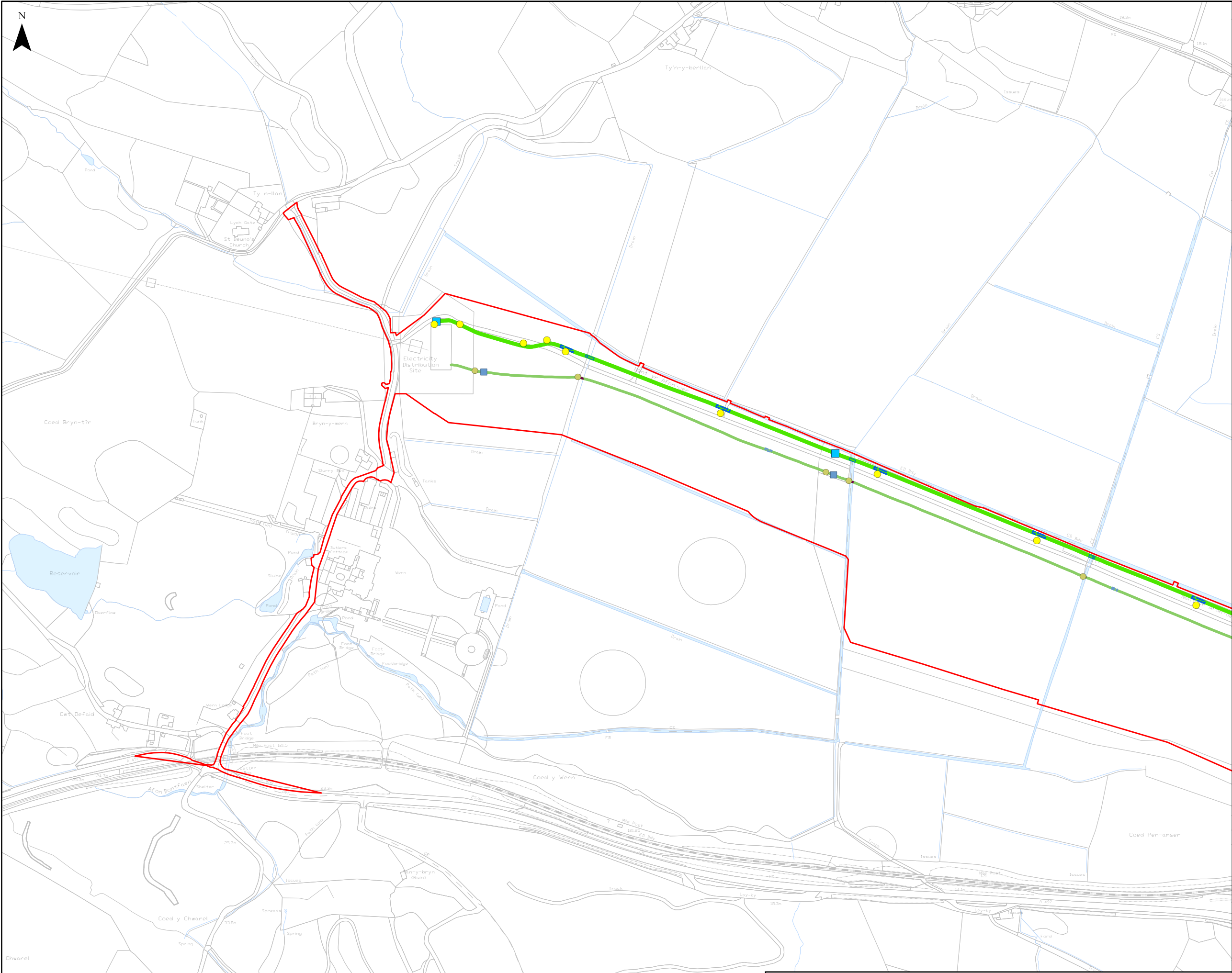
Legend

Glaslyn Works Site Boundary

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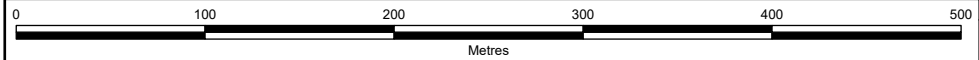
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| Rev | Date | Description | GIS | Chk | App |
| nationalgrid | | | | | |
| Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT | | | | | |
| Volume: VOLUME 4: GLASLYN CABLES WORKS | | | | | |
| Document Title: FIGURE 4.2.1 LOCATION OF THE PROPOSED WORKS | | | | | |
| Creator: AG | Date: 25/07/2025 | Checker: RD | Date: 25/07/2025 | Approver: NL | Date: 25/07/2025 |
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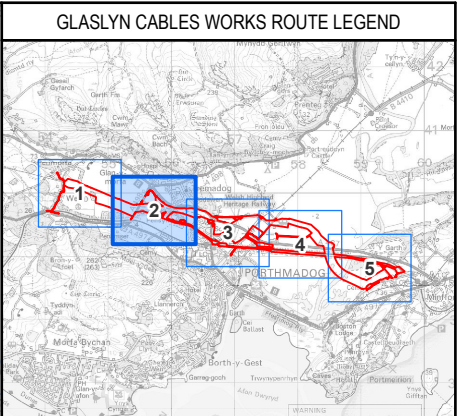
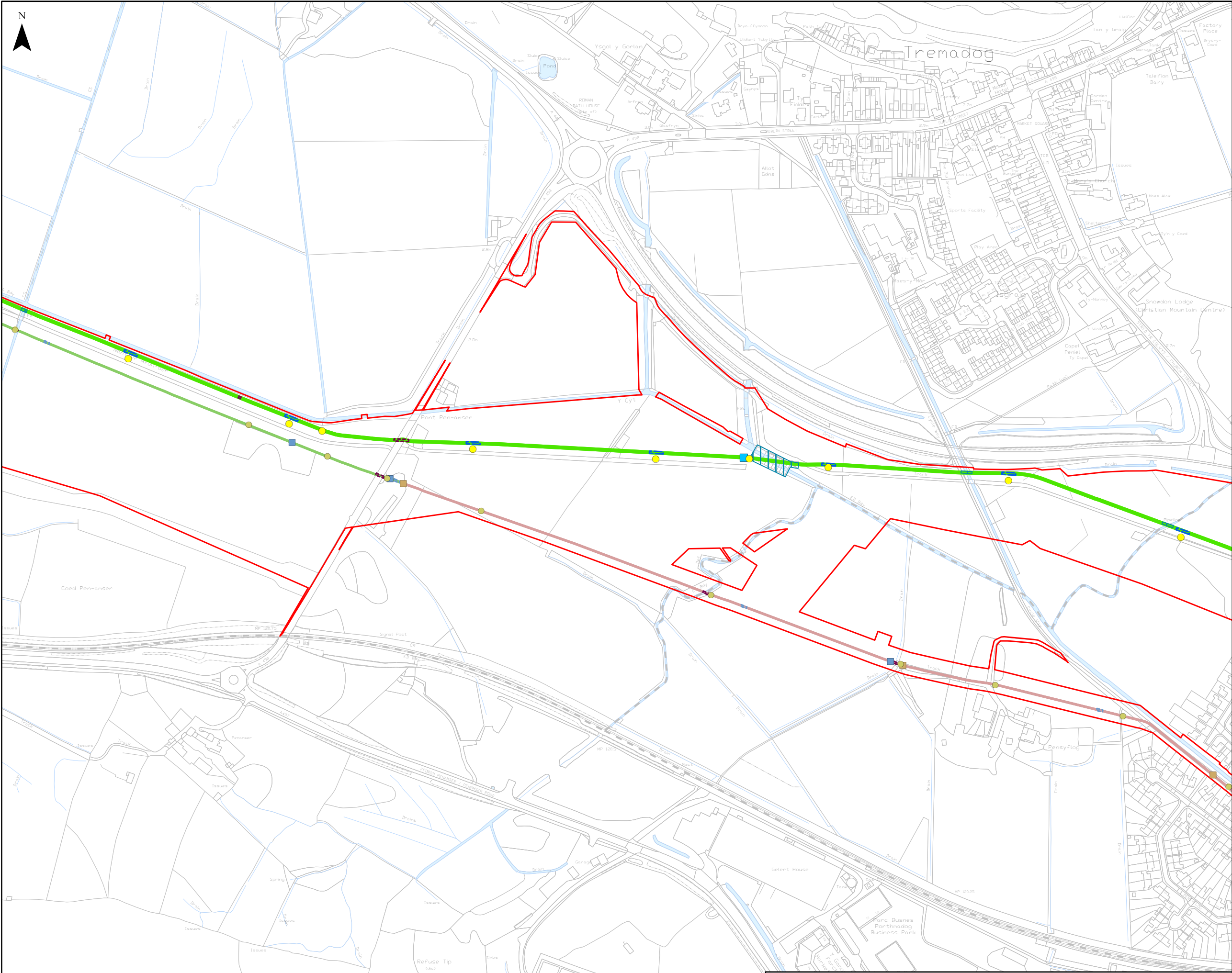


- Legend**
- Glaslyn Works Site Boundary
 - Decommissioning Works (132kV & 400kV)
 - Existing Cable to be Removed (400kV)
 - Existing Cable to be Removed (132kV)
 - Cable Marker 400kV
 - Cable Marker 132kV
 - Thermo Couplers Pit 400kV
 - Thermo Couplers Pit 132kV
 - Bridge 400kV
 - Joint Bay 400kV
 - Joint Bay 132kV
 - Others 132kV

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| Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT | | | | | |
| Volume: VOLUME 4: GLASLYN CABLES WORKS | | | | | |
| Document Title: FIGURE 4.2.2 EXISTING CABLES | | | | | |
| Creator: LP | Date: 18/08/2025 | Checker: RD | Date: 18/08/2025 | Approver: NL | Date: 18/08/2025 |
| Document Type: FIGURE | Scale: 1:4,000 | Format: A3 | Sheets: 1 OF 5 | Rev: A | |

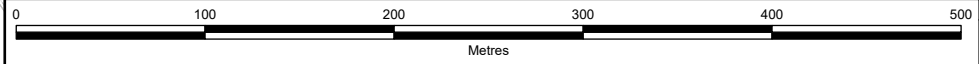
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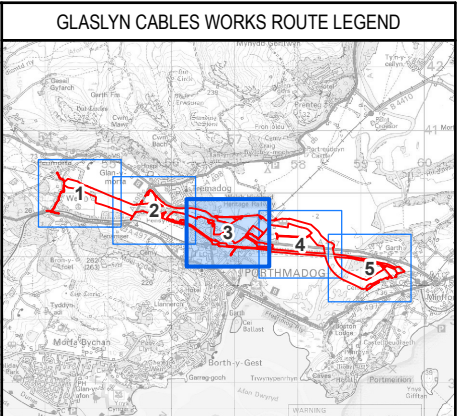
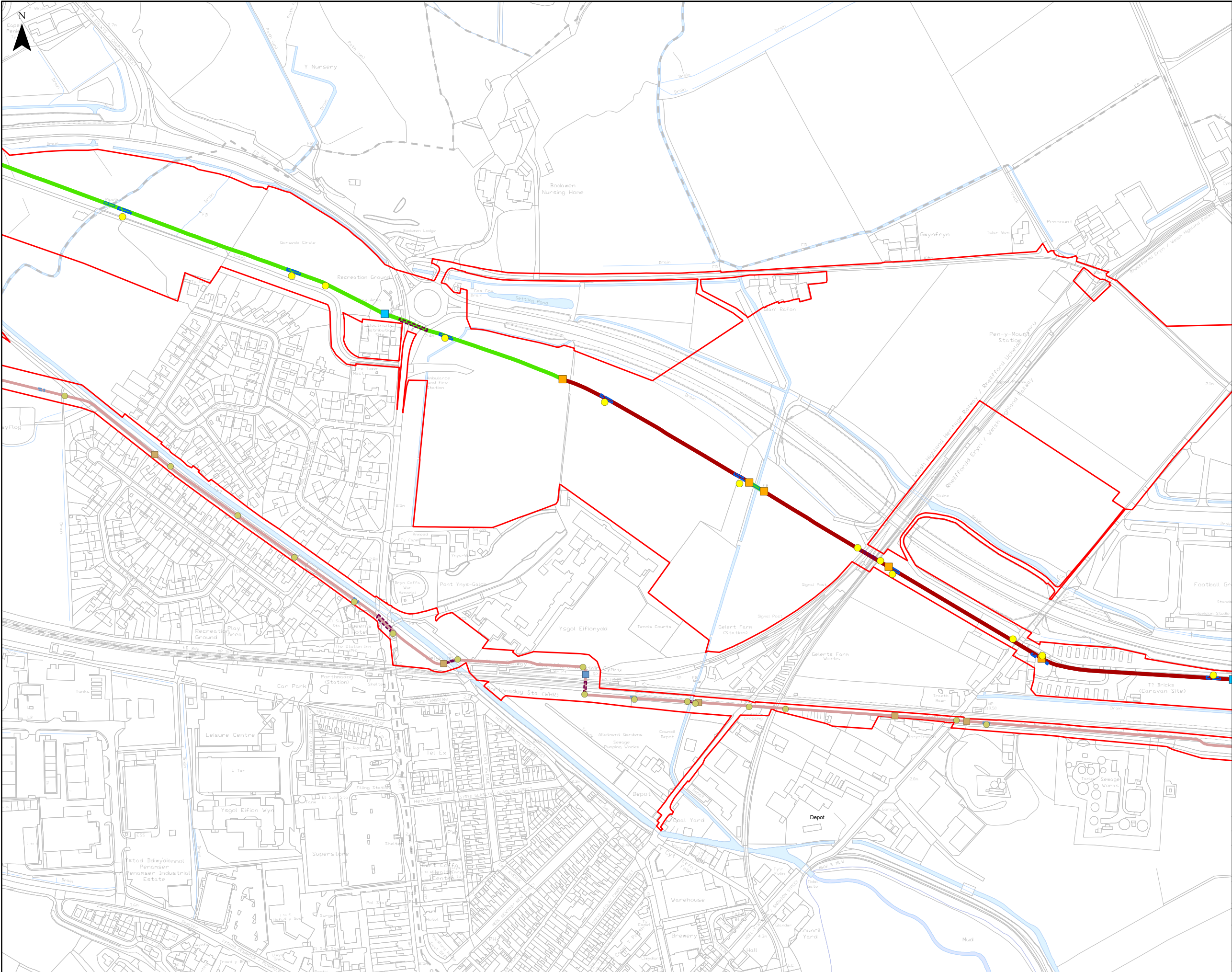


- Legend**
- Glaslyn Works Site Boundary
 - Decommissioning Works (132kV & 400kV)
 - Existing Cable to be Removed (400kV)
 - Existing Cable to be Removed (132kV)
 - Existing Cable to be Retained (132kV) - left redundant (in situ)
 - Cable Marker 400kV
 - Cable Marker 132kV
 - Monitoring Pit 132kV
 - Thermo Couplers Pit 400kV
 - Thermo Couplers Pit 132kV
 - Bridge 400kV
 - Joint Bay 400kV
 - Joint Bay 132kV
 - Others 132kV

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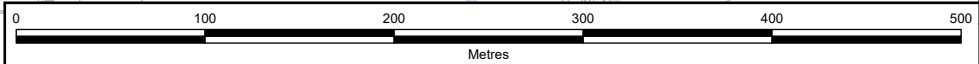


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| Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT | | | | | |
| Volume: VOLUME 4: GLASLYN CABLES WORKS | | | | | |
| Document Title: FIGURE 4.2.2 EXISTING CABLES | | | | | |
| Creator: LP | Date: 18/08/2025 | Checker: RD | Date: 18/08/2025 | Approver: NL | Date: 18/08/2025 |
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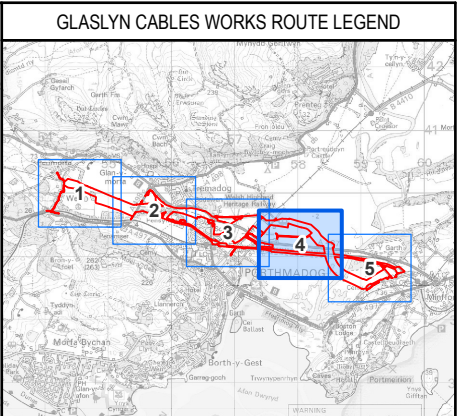
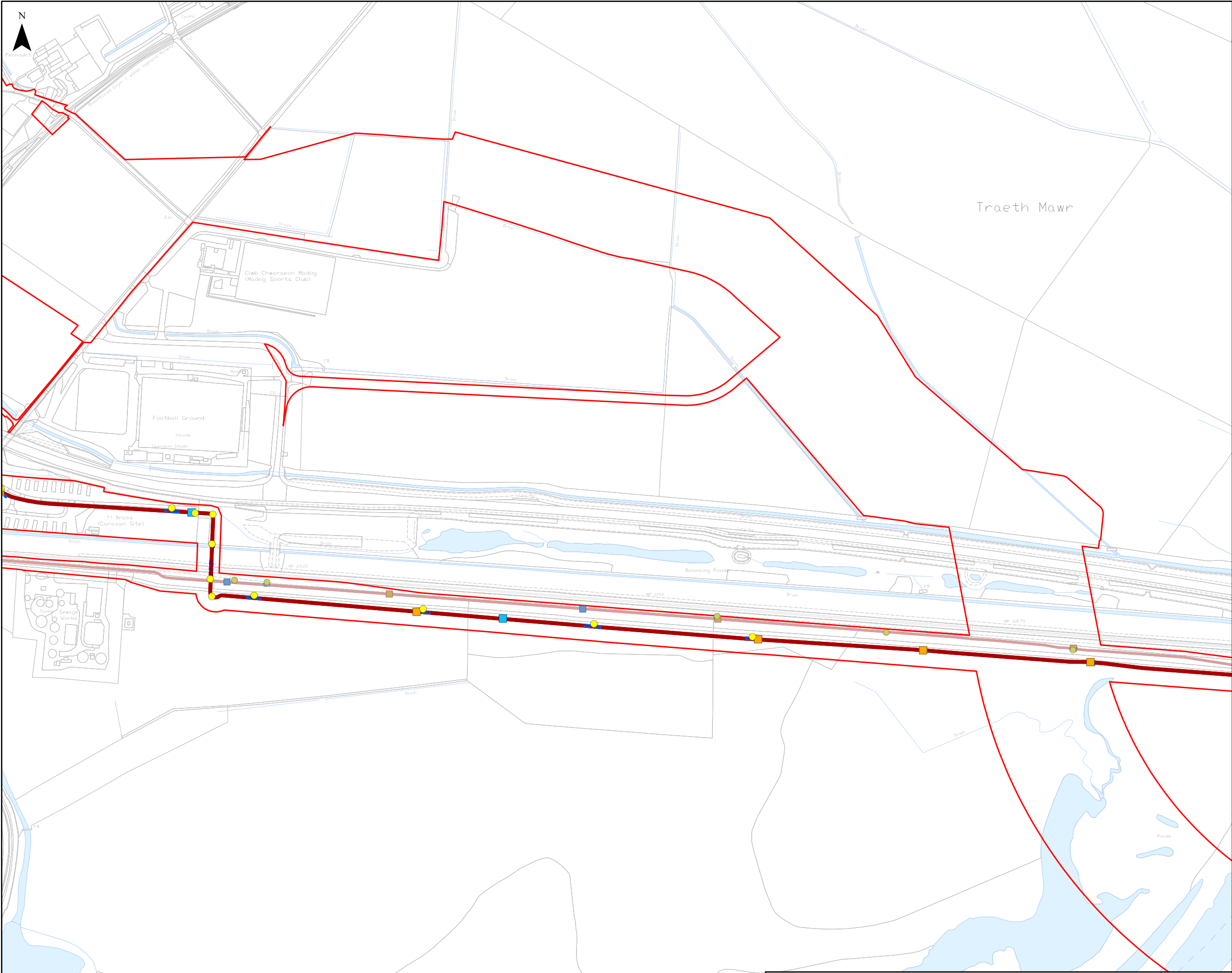


- Legend**
- Glaslyn Works Site Boundary
 - Decommissioning Works (132kV & 400kV)
 - Existing Cable to be Removed (400kV)
 - Existing Cable to be Retained (400kV) - left redundant (in situ)
 - Existing Cable to be Retained (132kV) - left redundant (in situ)
 - Cable Marker 400kV
 - Cable Marker 132kV
 - Monitoring Pit 400kV
 - Monitoring Pit 132kV
 - Thermo Couplers Pit 400kV
 - Thermo Couplers Pit 132kV
 - Bridge 400kV
 - Joint Bay 400kV
 - Joint Bay 132kV
 - Others 132kV

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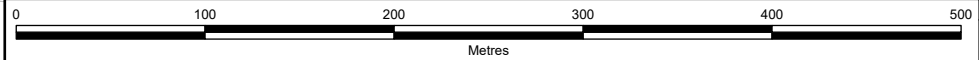


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| Volume: VOLUME 4: GLASLYN CABLES WORKS | | | | | |
| Document Title: FIGURE 4.2.2 EXISTING CABLES | | | | | |
| Creator: LP | Date: 18/08/2025 | Checker: RD | Date: 18/08/2025 | Approver: NL | Date: 18/08/2025 |
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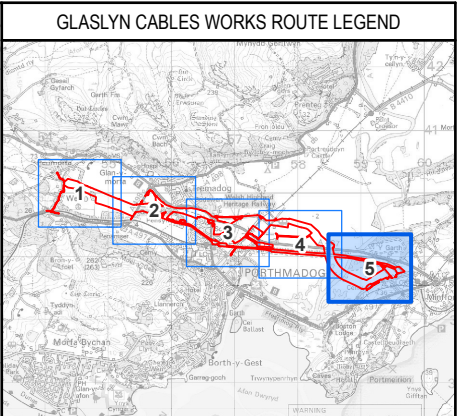
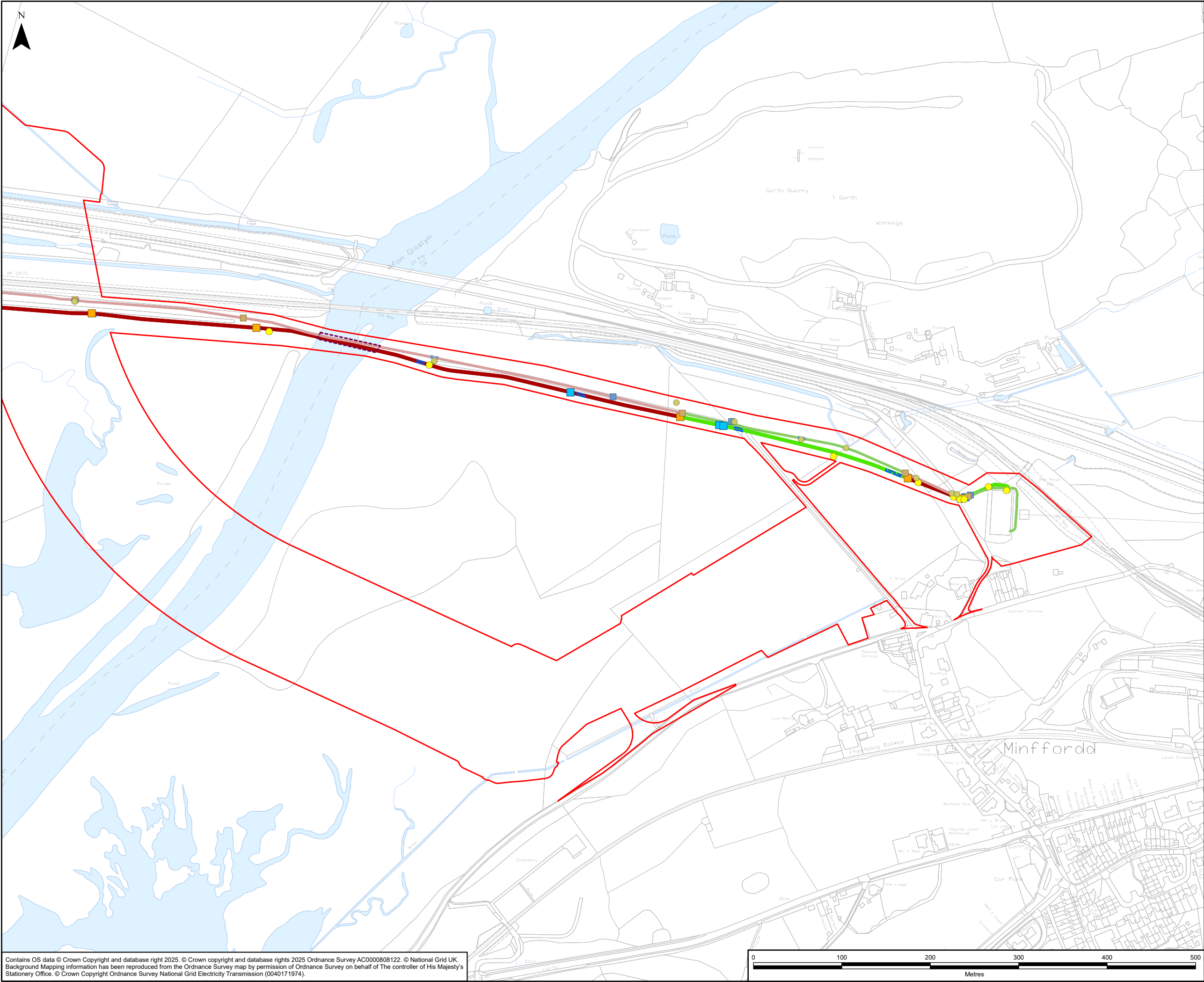


- Legend**
- Glaslyn Works Site Boundary
 - Decommissioning Works (132kV & 400kV)**
 - Existing Cable to be Retained (400kV) - left redundant (in situ)
 - Existing Cable to be Retained (132kV) - left redundant (in situ)
 - Cable Marker 400kV
 - Cable Marker 132kV
 - Monitoring Pit 400kV
 - Monitoring Pit 132kV
 - Thermo Couplers Pit 400kV
 - Thermo Couplers Pit 132kV
 - Joint Bay 400kV
 - Joint Bay 132kV
 - Others 132kV

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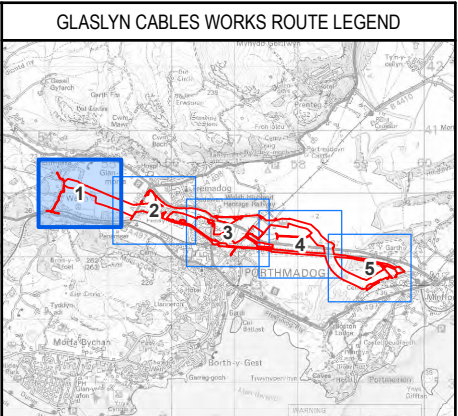
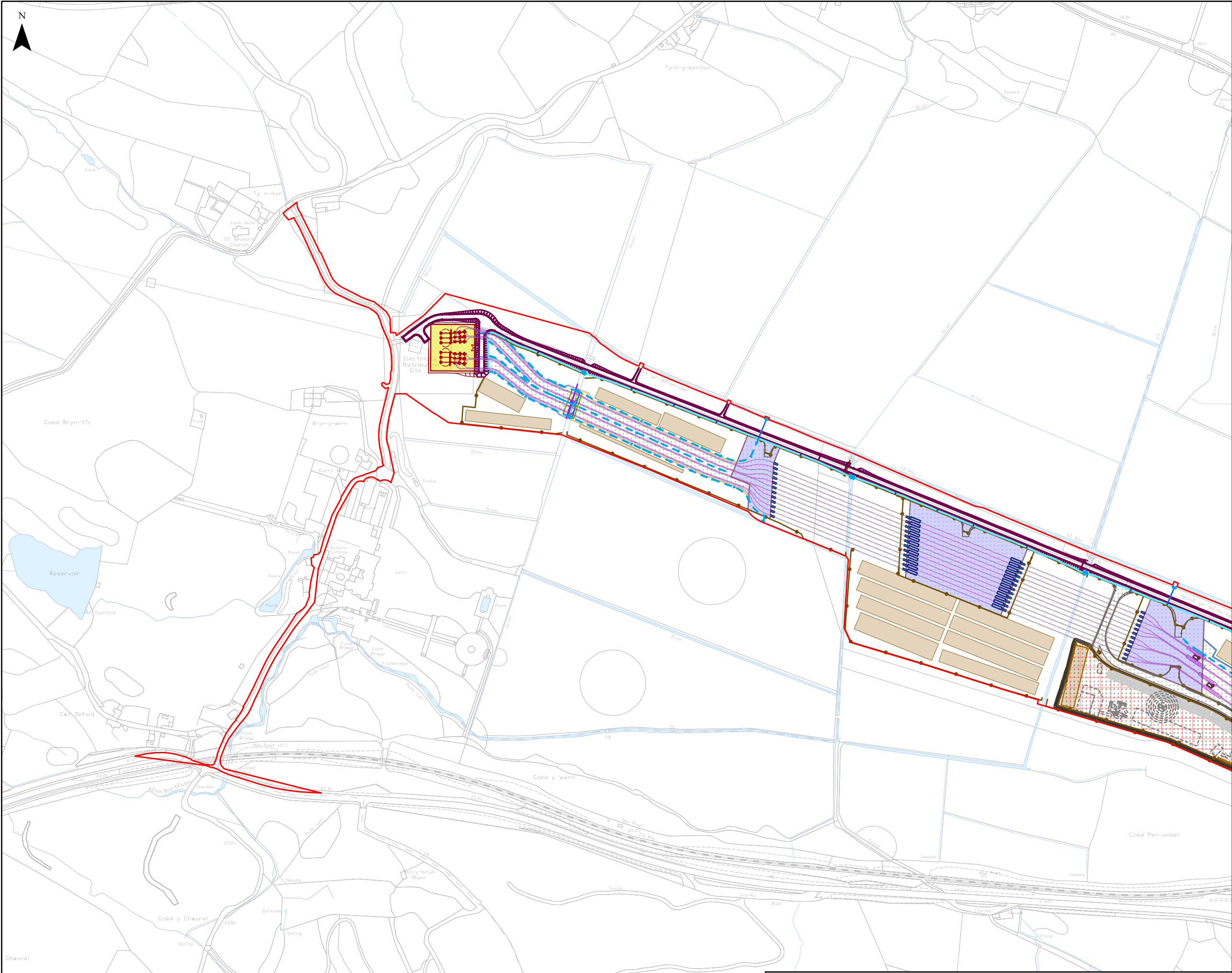
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| Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT | | | | | |
| Volume: VOLUME 4: GLASLYN CABLES WORKS | | | | | |
| Document Title: FIGURE 4.2.2 EXISTING CABLES | | | | | |
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| Document Type: FIGURE | Scale: 1:4,000 | Format: A3 | Sheets: 4 OF 5 | Rev: A | |



- Legend**
- Glaslyn Works Site Boundary
 - Decommissioning Works (132kV & 400kV)**
 - Existing Cable to be Removed (400kV)
 - Existing Cable to be Retained (400kV) - left redundant (in situ)
 - Existing Cable to be Removed (132kV)
 - Existing Cable to be Retained (132kV) - left redundant (in situ)
 - Cable Marker 400kV
 - Cable Marker 132kV
 - Monitoring Pit 400kV
 - Monitoring Pit 132kV
 - Thermo Couplers Pit 400kV
 - Thermo Couplers Pit 132kV
 - Joint Bay 400kV
 - Joint Bay 132kV
 - Others 132kV

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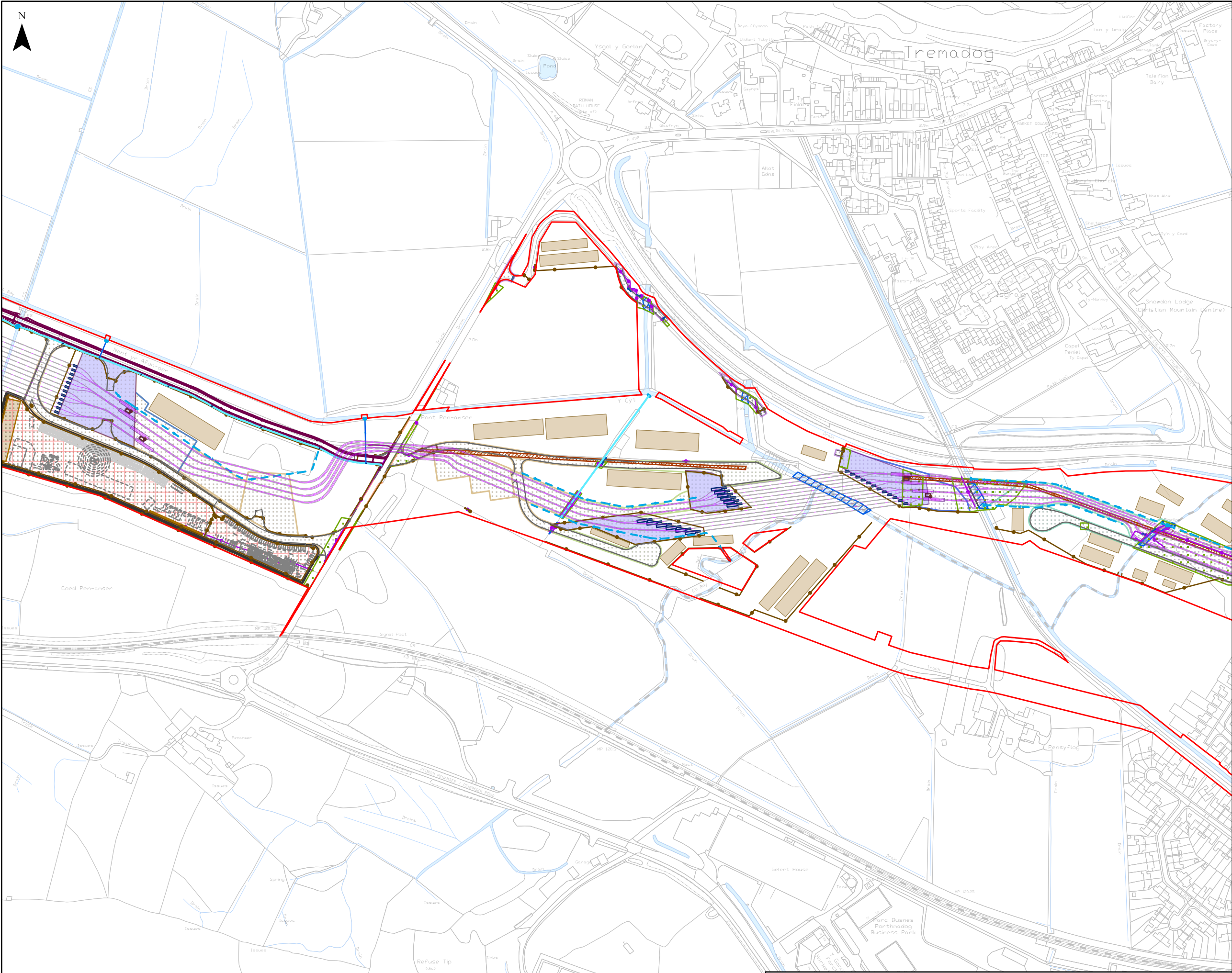
- Legend**
- Glaslyn Works Site Boundary
 - Cable Routes Plan**
 - Cable
 - Cable Trench
 - Joint Bay
 - Access, Fencing and Topsoil Storage**
 - Access Road
 - Wern Access Road Permanent Junction
 - Fenceline
 - Proposed Topsoil Stockpile
 - Cable Sealing End Compound (CSEC)**
 - Proposed Layout and Embankment for Wern CSEC
 - Proposed Wern CSEC
 - Compound & HDD Working Areas**
 - Main Construction Compound (Raised)
 - Joint Bay
 - Temporary HDD Working Area
 - Raised Compound & HDD Working Area
 - Drum Storage Area
 - HDD Equipment
 - Site Layout
 - Topsoil Stockpile
 - Wern Access Road Permanent Drainage**
 - Filter Trench Pipe
 - Filter Trench Direction
 - Filter Trench
 - Gully
 - Rodding Eye
 - Carrier Pipe
 - Outfall
 - Temporary Drainage**
 - Cable Drainage
 - Outfall
 - Flow Direction
 - Site Clearance**
 - Existing Fence to be Removed
 - Open Watercourse Crossing
 - Extent of Required Large Vegetation Clearance
 - Proposed Topsoil Clearance Area**
 - Proposed Topsoil Clearance Area - 225mm
 - Proposed Topsoil Clearance Area - 325mm
 - Proposed Topsoil Clearance Area - 375mm

| | | | | | |
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| Volume: VOLUME 4: GLASLYN CABLES WORKS | | | | | |
| Document Title: FIGURE 4.2.3 GLASLYN WORKS SITE | | | | | |
| Creator: AB | Date: 18/08/2025 | Checker: RD | Date: 18/08/2025 | Approver: NL | Date: 18/08/2025 |
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GLASLYN CABLES WORKS ROUTE LEGEND

Legend

- Glaslyn Works Site Boundary
- Cable Routes Plan**
 - Cable
 - Cable Trench
 - Joint Bay
- Access, Fencing and Topsoil Storage**
 - Access Road
 - Wern Access Road Permanent Junction
 - Fenceline
 - Proposed Topsoil Stockpile
- Compound & HDD Working Areas**
 - Main Construction Compound (Raised)
 - Joint Bay
 - Temporary HDD Working Area
 - Raised Compound & HDD Working Area
 - Drum Storage Area
 - HDD Equipment
 - Site Layout
 - Topsoil Stockpile
- Wern Access Road Permanent Drainage**
 - Filter Trench Pipe
 - Filter Trench Direction
 - Filter Trench
 - Rodding Eye
 - Carrier Pipe
 - Outfall
- Temporary Drainage**
 - Cable Drainage
 - Outfall
 - Flow Direction
 - Filter Trench Pipe
 - Filter Trench
- Site Clearance**
 - Existing Fence to be Removed
 - Existing Gate to be Removed
 - Existing Kerb to be Removed
 - Existing Bridge to be Removed
 - Open Watercourse Crossing
 - Existing Track or Road to be Cleared
 - Existing Stone Wall to be Removed
 - Existing Post to be Removed
 - Extent of Required Large Vegetation Clearance
- Proposed Topsoil Clearance Area**
 - Proposed Topsoil Clearance Area - 150mm
 - Proposed Topsoil Clearance Area - 275mm
 - Proposed Topsoil Clearance Area - 325mm
 - Proposed Topsoil Clearance Area - 375mm
 - Proposed Topsoil Clearance Area - 400mm

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| Rev | Date | Description | GIS | Chk | App |

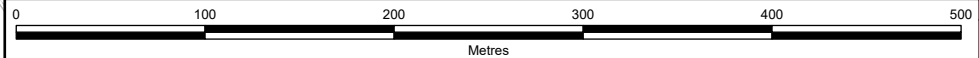
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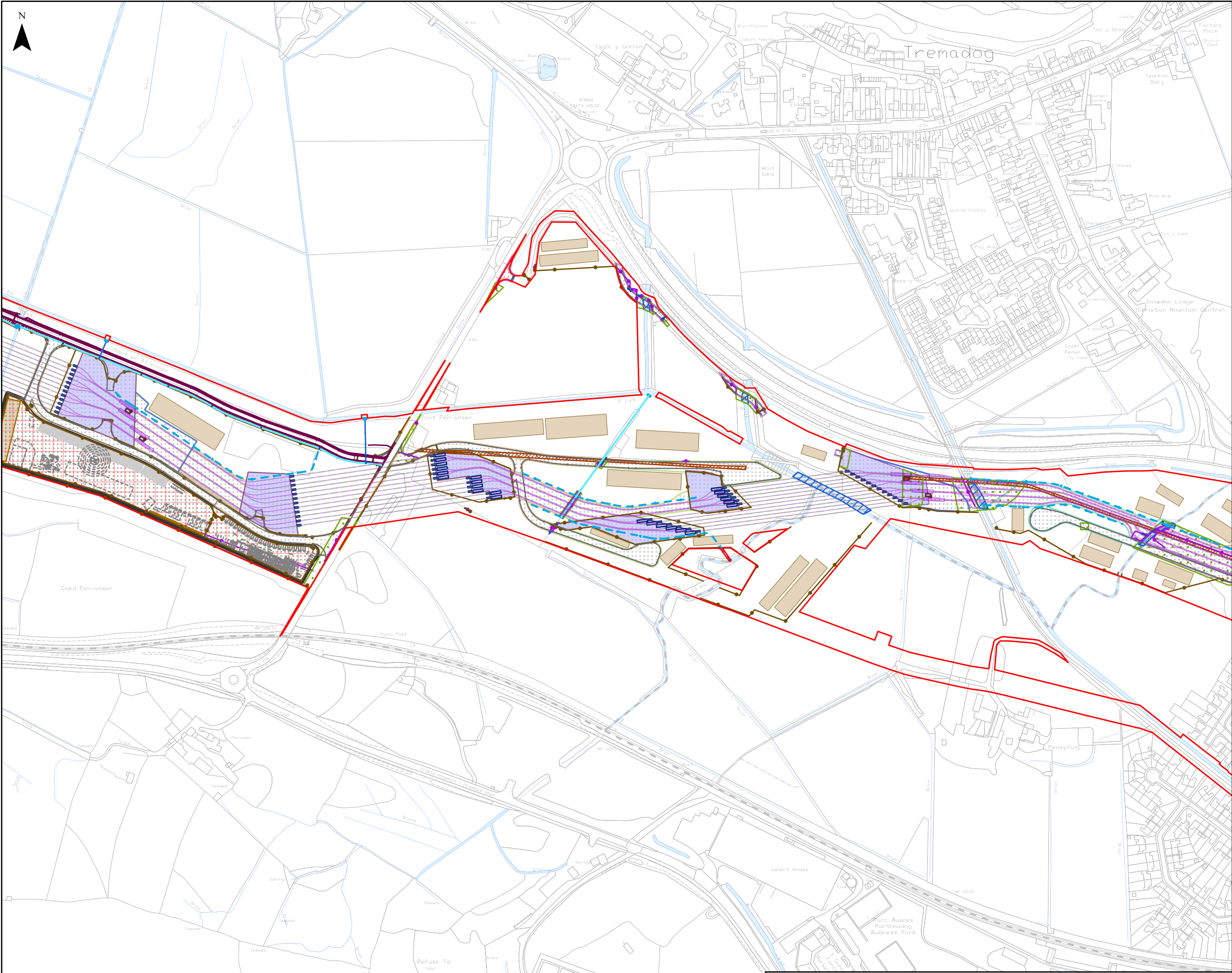
Volume: VOLUME 4: GLASLYN CABLES WORKS

Document Title: FIGURE 4.2.3
GLASLYN WORKS SITE
OPEN CUT OPTION

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GLASLYN CABLES WORKS ROUTE LEGEND

Legend

- Glaslyn Works Site Boundary
- Cable Routes Plan**
 - Cable
 - Cable Trench
 - Joint Bay
- Access, Fencing and Topsoil Storage**
 - Access Road
 - Wern Access Road Permanent Junction
 - Fenceline
 - Proposed Topsoil Stockpile
- Compound & HDD Working Areas**
 - Main Construction Compound (Raised)
 - Joint Bay
 - Temporary HDD Working Area
 - Raised Compound & HDD Working Area
 - Drum Storage Area
 - HDD Equipment
 - Site Layout
 - Topsoil Stockpile
- Wern Access Road Permanent Drainage**
 - Filter Trench Pipe
 - Filter Trench Direction
 - Filter Trench
 - Rodding Eye
 - Carrier Pipe
 - Outfall
- Temporary Drainage**
 - Cable Drainage
 - Outfall
 - Flow Direction
 - Filter Trench Pipe
 - Filter Trench
- Site Clearance**
 - Existing Fence to be Removed
 - Existing Gate to be Removed
 - Existing Kerb to be Removed
 - Existing Bridge to be Removed
 - Open Watercourse Crossing
 - Existing Track or Road to be Cleared
 - Existing Stone Wall to be Removed
 - Existing Post to be Removed
 - Extent of Required Large Vegetation Clearance
- Proposed Topsoil Clearance Area**
 - Proposed Topsoil Clearance Area - 150mm
 - Proposed Topsoil Clearance Area - 275mm
 - Proposed Topsoil Clearance Area - 325mm
 - Proposed Topsoil Clearance Area - 375mm
 - Proposed Topsoil Clearance Area - 400mm

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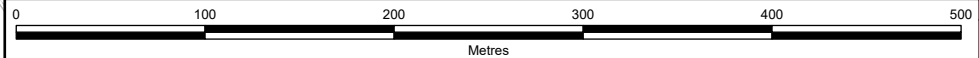
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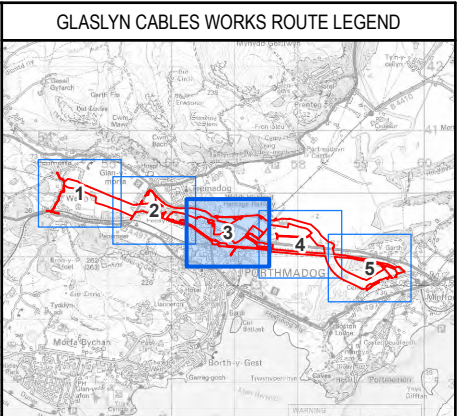
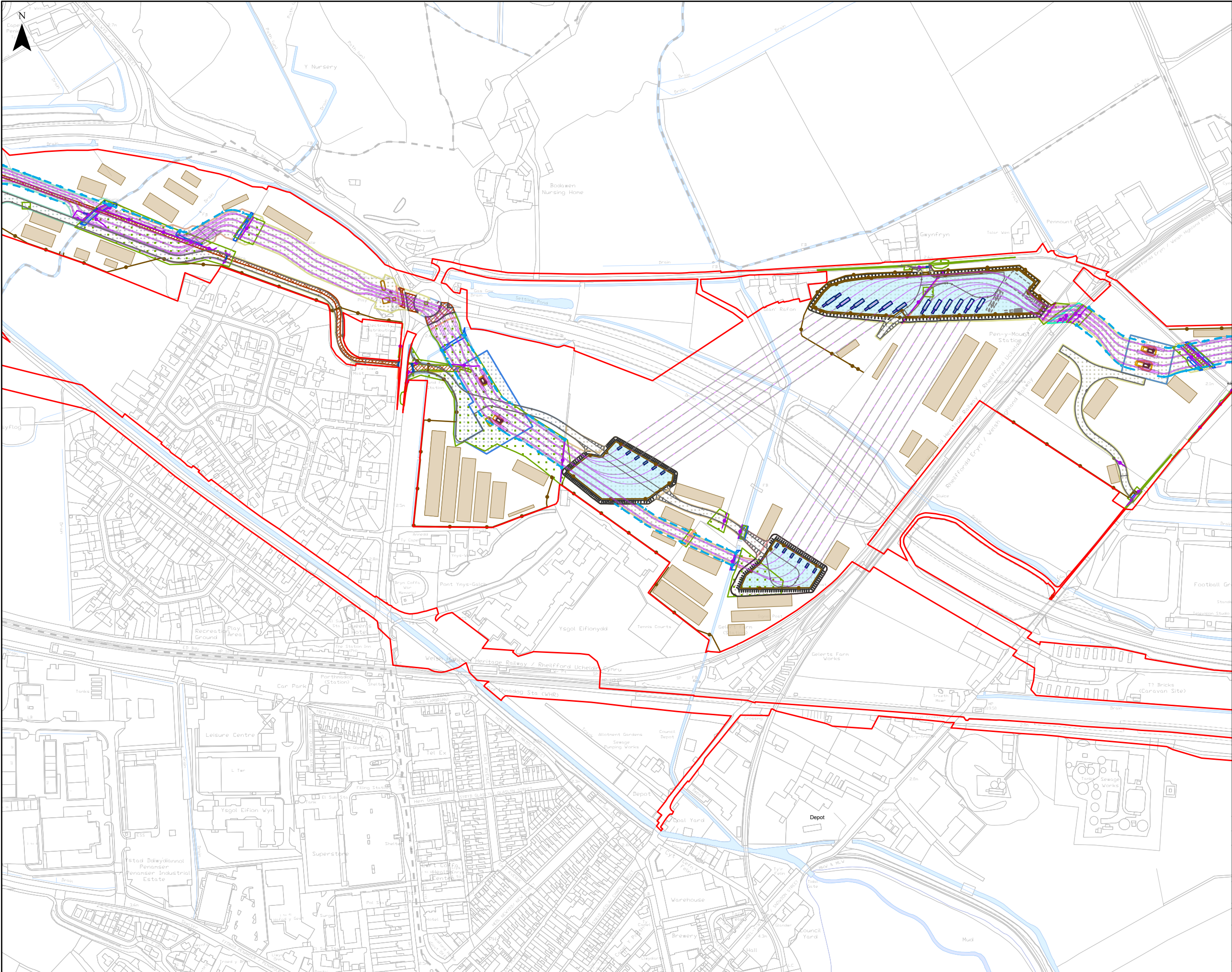
Volume: VOLUME 4: GLASLYN CABLES WORKS

Document Title: FIGURE 4.2.3 GLASLYN WORKS SITE HDD OPTION

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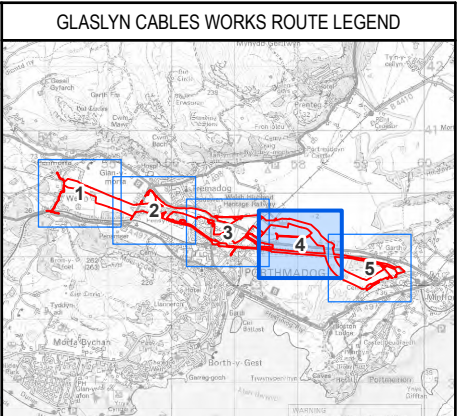
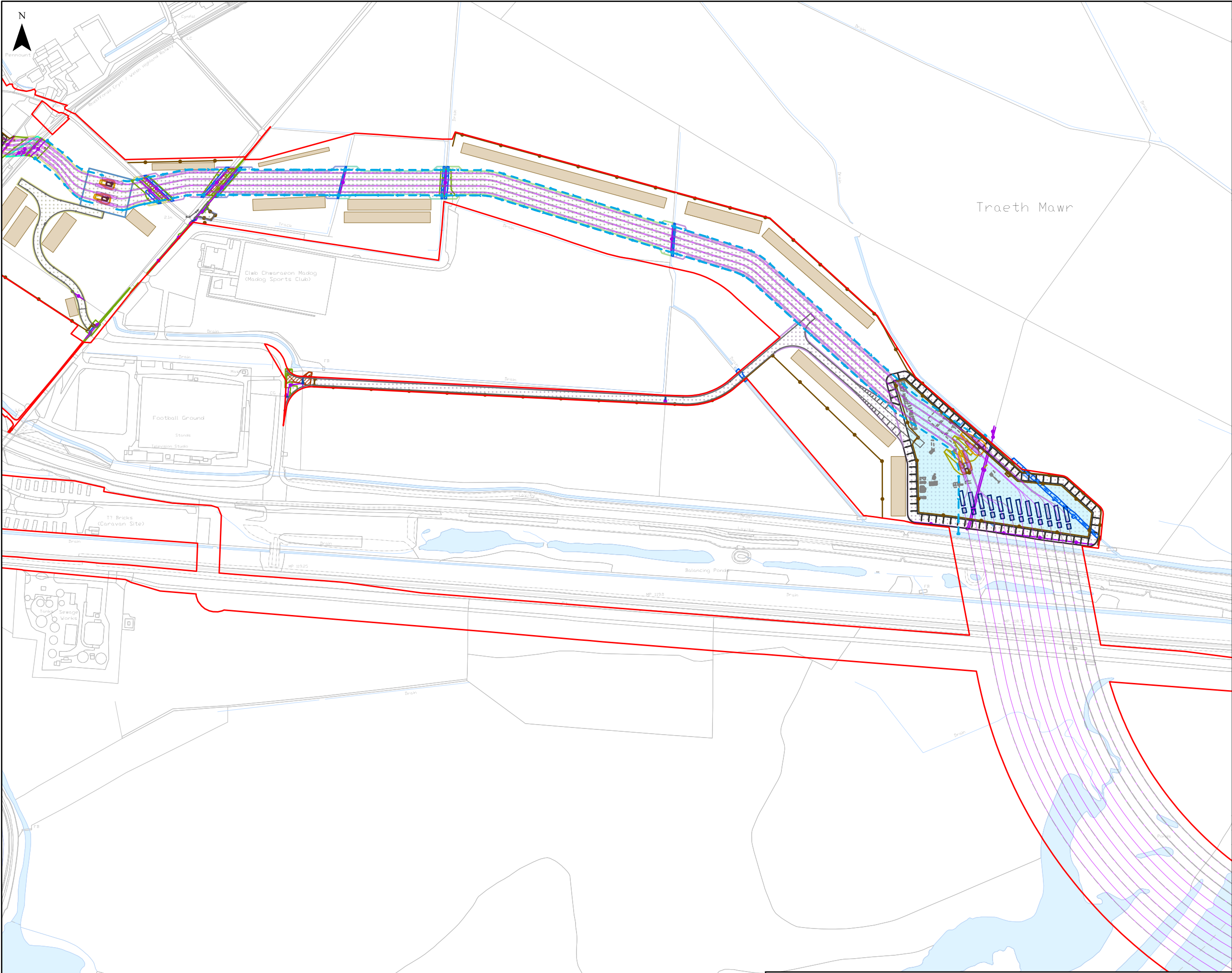


- Legend**
- Glaslyn Works Site Boundary
 - Cable Routes Plan**
 - Cable
 - Cable Trench
 - Joint Bay
 - Access, Fencing and Topsoil Storage**
 - Access Road
 - Fenceline
 - Proposed Topsoil Stockpile
 - Compound & HDD Working Areas**
 - Joint Bay
 - Temporary HDD Working Area (Raised)
 - Additional Cover
 - Raised Compound & HDD Working Area
 - HDD Equipment
 - Site Layout
 - JB Permanent
 - New PR
 - Temporary Drainage**
 - Cable Drainage
 - Outfall
 - Flow Direction
 - Site Clearance**
 - Existing Fence to be Removed
 - Existing Gate to be Removed
 - Existing Kerb to be Removed
 - Existing Street Furniture to be Removed
 - Existing Stone Wall to be Removed
 - Open Watercourse Crossing
 - Large Stones to be Removed
 - Existing Track or Road to be Cleared
 - Existing Stone Wall to be Removed
 - Existing Concrete to be Removed
 - Existing Post to be Removed
 - Existing Railway lines and associated fixing to be removed
 - Extent of Required Large Vegetation Clearance
 - Proposed Topsoil Clearance Area**
 - Proposed Topsoil Clearance Area - 150mm
 - Proposed Topsoil Clearance Area - 250mm
 - Proposed Topsoil Clearance Area - 275mm
 - Proposed Topsoil Clearance Area - 350mm
 - Proposed Topsoil Clearance Area - 375mm
 - Proposed Topsoil Clearance Area - 400mm
 - Proposed Topsoil Clearance Area - 450mm

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| Volume: VOLUME 4: GLASLYN CABLES WORKS | | | | | |
| Document Title: FIGURE 4.2.3 GLASLYN WORKS SITE | | | | | |
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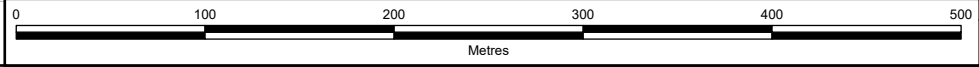
GLASLYN CABLES WORKS ROUTE LEGEND

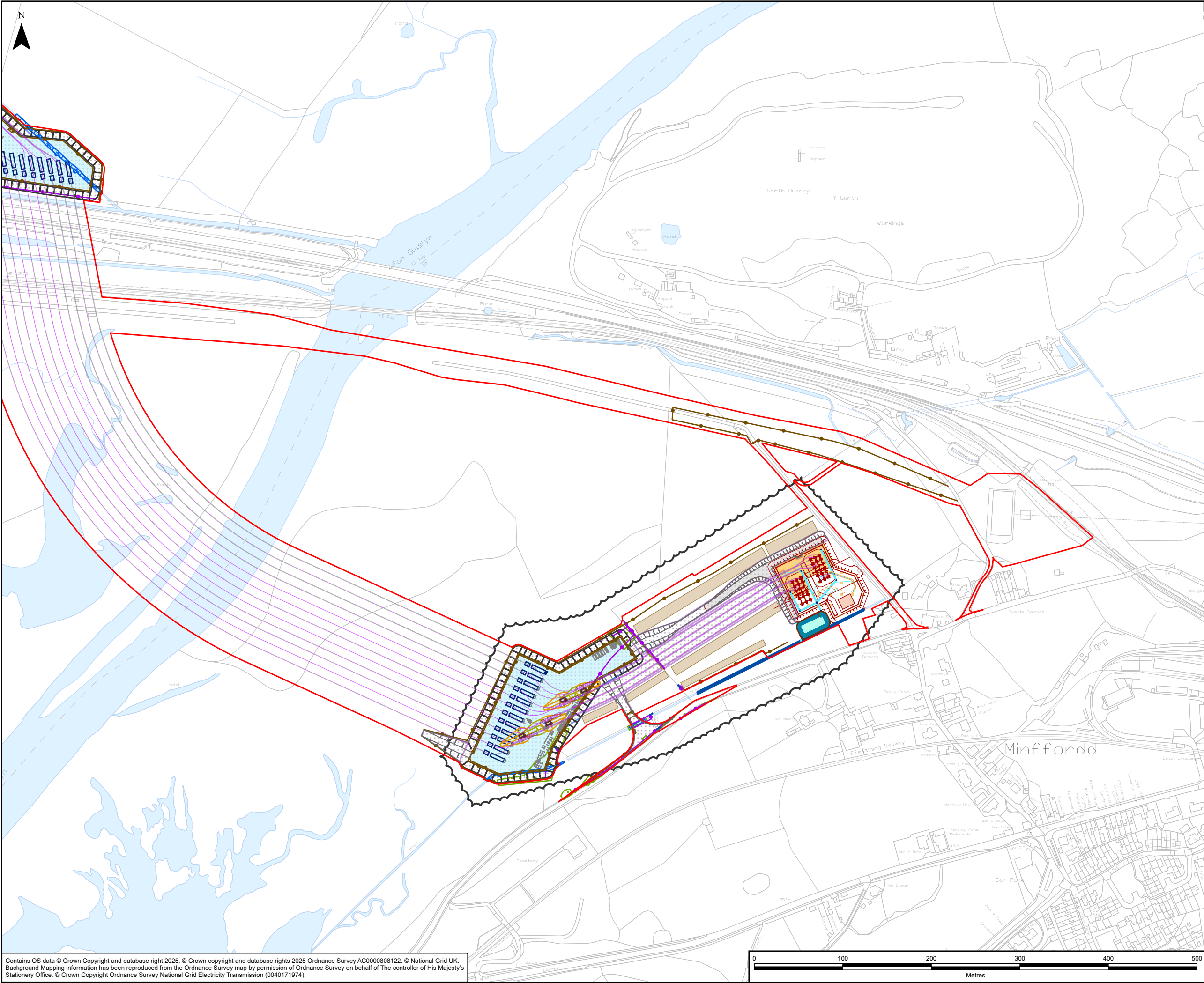
Legend

- Glasllyn Works Site Boundary
- Cable Routes Plan**
 - Cable
 - Cable Trench
 - Joint Bay
- Access, Fencing and Topsoil Storage**
 - Access Road
 - Fenceline
 - Proposed Topsoil Stockpile
- Compound & HDD Working Areas**
 - Joint Bay
 - Temporary HDD Working Area (Raised)
 - Raised Compound & HDD Working Area
 - HDD Equipment
- Site Layout**
 - JB Permanent
 - New PR
- Temporary Drainage**
 - Cable Drainage
 - Outfall
 - Flow Direction
 - Culvert
- Site Clearance**
 - Existing Fence to be Removed
 - Existing Gate to be Removed
 - Open Watercourse Crossing
 - Existing Track or Road to be Cleared
 - Existing Stone Wall to be Removed
 - Existing Post to be Removed
 - Existing Railway lines and associated fixing to be removed
 - Extent of Required Large Vegetation Clearance
- Proposed Topsoil Clearance Area**
 - Proposed Topsoil Clearance Area - 100mm
 - Proposed Topsoil Clearance Area - 150mm
 - Proposed Topsoil Clearance Area - 225mm
 - Proposed Topsoil Clearance Area - 275mm
 - Proposed Topsoil Clearance Area - 300mm
 - Proposed Topsoil Clearance Area - 350mm

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| A | 07/05/2025 | Environmental Statement | AB | RD | NL |
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| Volume: VOLUME 4: GLASLYN CABLES WORKS | | | | | |
| Document Title: FIGURE 4.2.3 GLASLYN WORKS SITE | | | | | |
| Creator: AB | Date: 18/08/2025 | Checker: RD | Date: 18/08/2025 | Approver: NL | Date: 18/08/2025 |
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GLASLYN CABLES WORKS ROUTE LEGEND

Legend

- Glaslyn Works Site Boundary
- Cable Routes Plan**
 - Cable
 - Cable Trench
 - Joint Bay
 - Circuit 1B - Blue
 - Circuit 1B - Red
 - Circuit 1B - Yellow
 - Circuit 2A - Blue
 - Circuit 2B - Red
 - Circuit 2B - Yellow
- Access, Fencing and Topsoil Storage**
 - Access Road
 - Fenceline
 - Proposed Topsoil Stockpile
- Cable Sealing End Compound (CSEC)**
 - Proposed Layout and Embankment for Minffordd CSEC
 - Minffordd CSEC Glaslyn Scope
 - Minffordd CSEC Snowdonia VIP Scope
 - Access Road (Platform)
 - Snowdonia VIP Platform
- Compound & HDD Working Areas**
 - Joint Bay
 - Temporary HDD Working Area (Raised)
 - Raised Compound & HDD Working Area
 - HDD Equipment
 - Site Layout
 - JB Permanent
 - New PR
- Minffordd Permanent Drainage**
 - Attenuation Pond
 - Existing Pipe
 - Filter Trench Pipe
 - Filter Trench
 - Herringbone Drainage
 - Rodding Eye
 - Outfall
 - Attenuation Pond Slope
 - Steps
 - Fence
- Temporary Drainage**
 - Culvert
- Site Clearance**
 - Existing Fence to be Removed
 - Existing Gate to be Removed
 - Open Watercourse Crossing
 - Existing Stone Wall to be Removed
 - Extent of Required Large Vegetation Clearance
 - Area in Abeyance
- Proposed Topsoil Clearance Area**
 - Proposed Topsoil Clearance Area - 100mm
 - Proposed Topsoil Clearance Area - 150mm

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| A | 07/05/2025 | Environmental Statement | AB | RD | NL |
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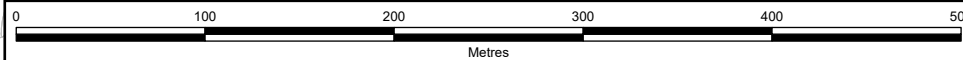
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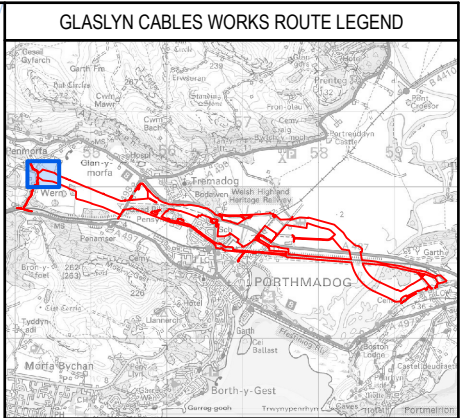
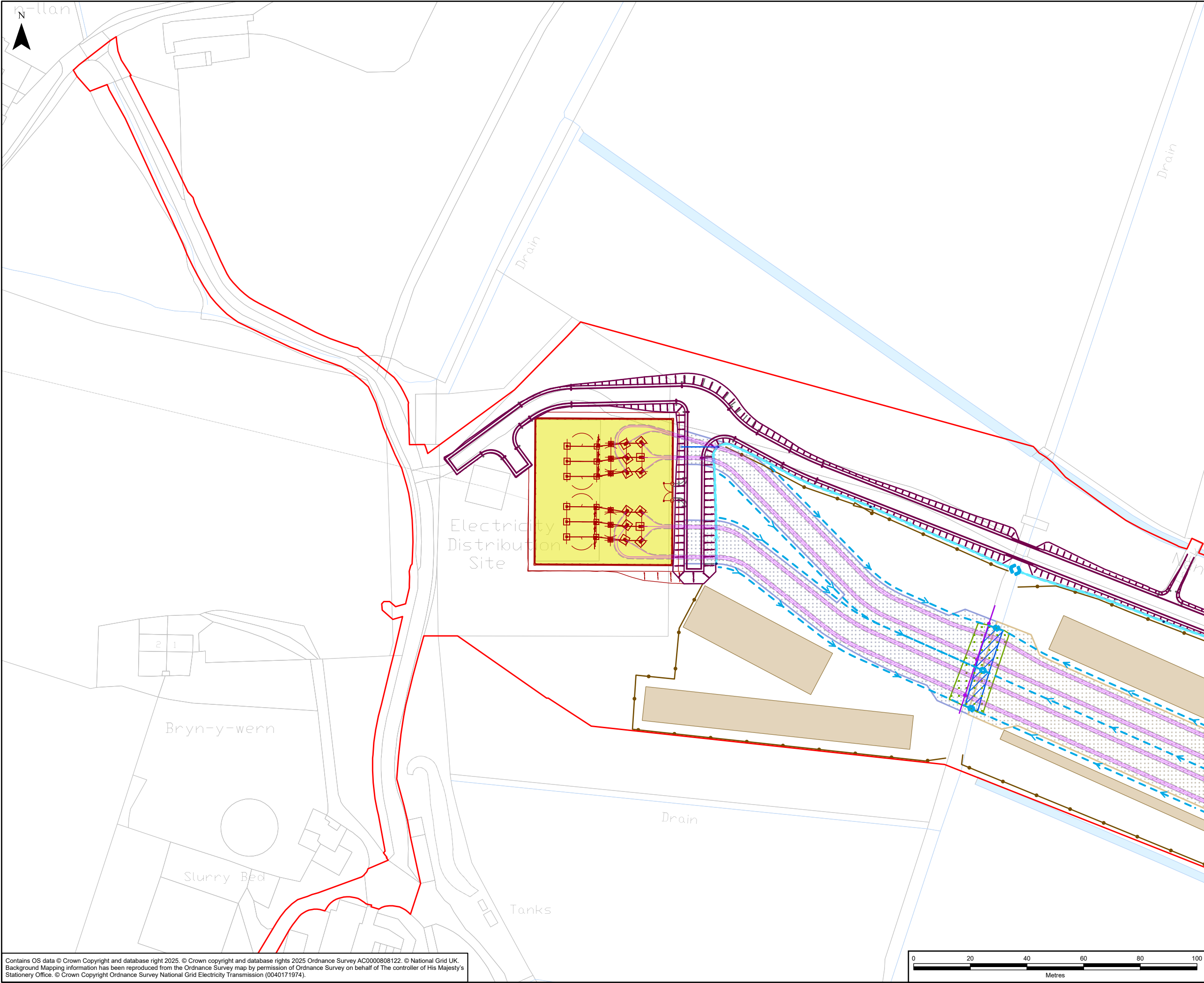
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VOLUME 4: GLASLYN CABLES WORKS

Document Title:
FIGURE 4.2.3
GLASLYN WORKS SITE

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| Creator: AB | Date: 18/08/2025 | Checker: RD | Date: 18/08/2025 | Approver: NL | Date: 18/08/2025 |
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- GLASLYN CABLES WORKS ROUTE LEGEND**
- Legend**
- Glaslyn Works Site Boundary
 - Cable Routes Plan**
 - Cable
 - Cable Trench
 - Access, Fencing and Topsoil Storage**
 - Access Road
 - Wern Access Road Permanent Junction
 - Fenceline
 - Proposed Topsoil Stockpile
 - Cable Sealing End Compound (CSEC)**
 - Proposed Layout and Embankment for Wern CSEC
 - Proposed Wern CSEC
 - Wern Access Road Permanent Drainage**
 - Filter Trench Pipe
 - Filter Trench Direction
 - Filter Trench
 - Gully
 - Rodding Eye
 - Carrier Pipe
 - Outfall
 - Temporary Drainage**
 - Cable Drainage
 - Outfall
 - Flow Direction
 - Site Clearance**
 - Existing Fence to be Removed
 - Open Watercourse Crossing
 - Extent of Required Large Vegetation Clearance
 - Proposed Topsoil Clearance Area**
 - Proposed Topsoil Clearance Area - 225mm
 - Proposed Topsoil Clearance Area - 375mm

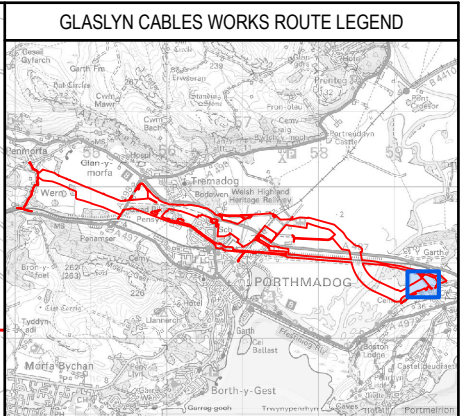
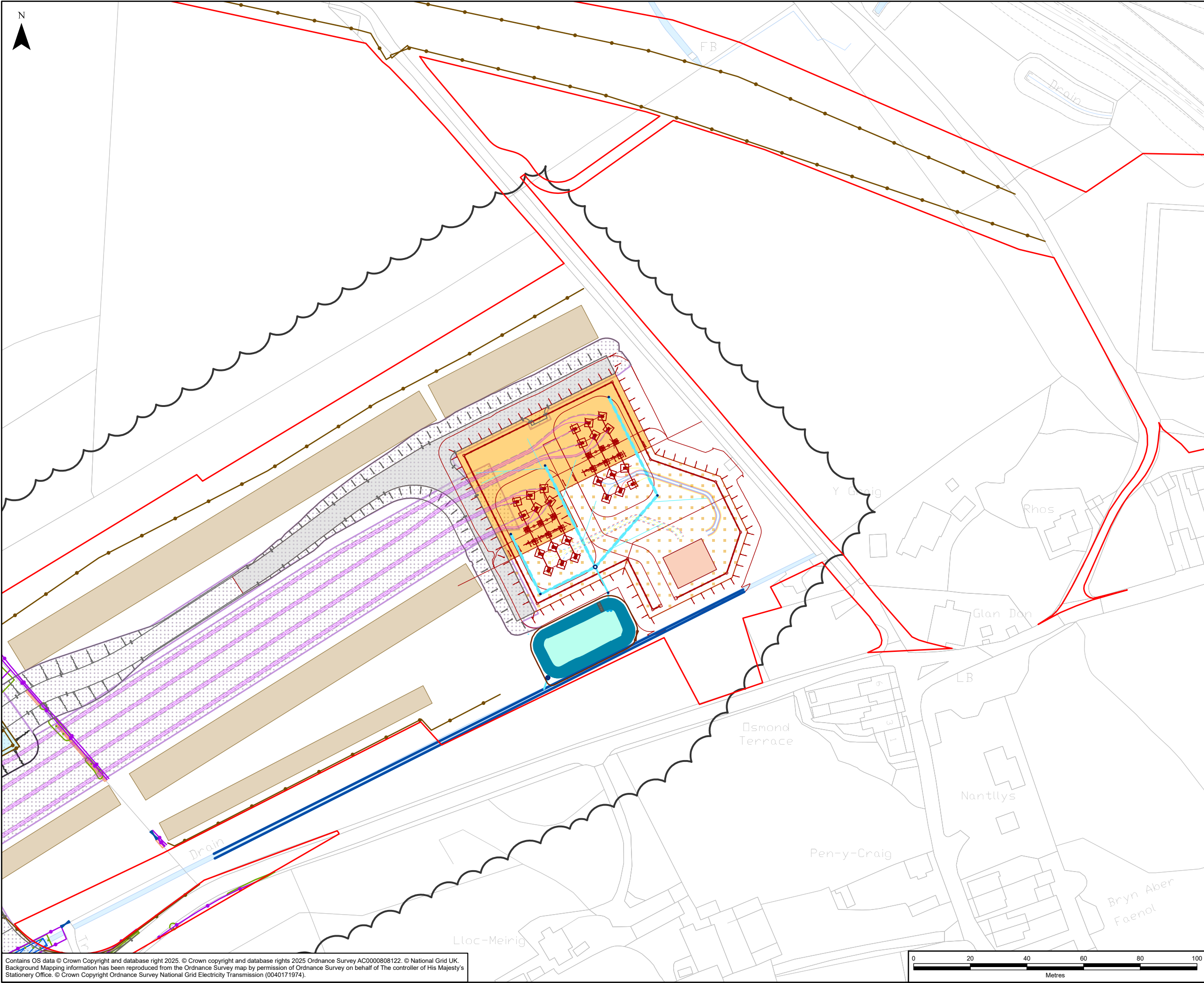
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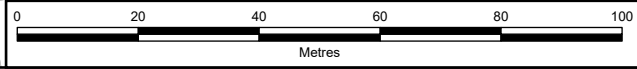
Document Title: FIGURE 4.2.4
WERN CABLE SEALING
END COMPOUND LAYOUT

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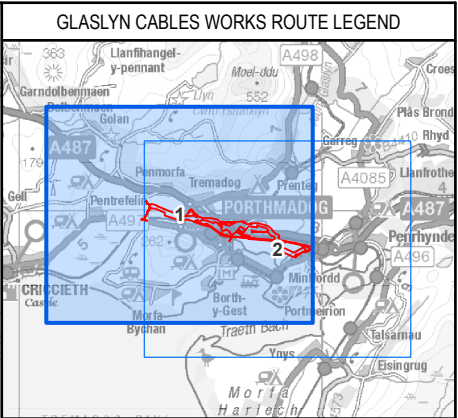
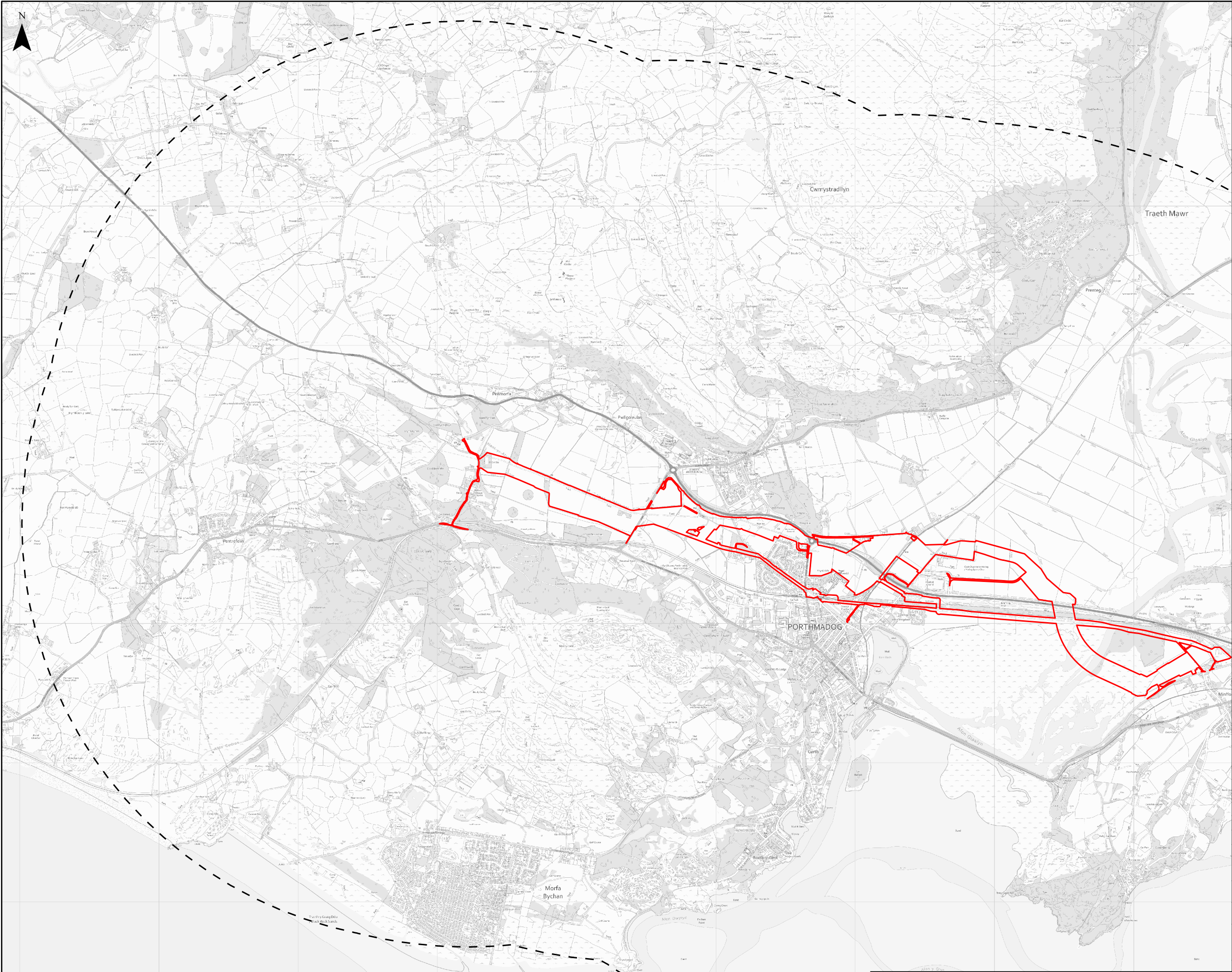


- Legend**
- Glaslyn Works Site Boundary
 - Cable Routes Plan**
 - Cable
 - Cable Trench
 - Circuit 1B - Blue
 - Circuit 1B - Red
 - Circuit 1B - Yellow
 - Circuit 2A - Blue
 - Circuit 2B - Red
 - Circuit 2B - Yellow
 - Access, Fencing and Topsoil Storage**
 - Access Road
 - Fenceline
 - Proposed Topsoil Stockpile
 - Cable Sealing End Compound (CSEC)**
 - Proposed Layout and Embankment for Minfordd CSEC
 - Minfordd CSEC Glaslyn Scope
 - Minfordd CSEC Snowdonia VIP Scope
 - Access Road (Platform)
 - Snowdonia VIP Platform
 - Compound & HDD Working Areas**
 - Joint Bay
 - Temporary HDD Working Area (Raised)
 - Raised Compound & HDD Working Area
 - Minfordd Permanent Drainage**
 - Existing Pipe
 - Filter Trench Pipe
 - Filter Trench
 - Herringbone Drainage
 - Rodding Eye
 - Outfall
 - Attenuation Pond Slope
 - Steps
 - Fence
 - Attenuation Pond
 - Site Clearance**
 - Existing Fence to be Removed
 - Existing Gate to be Removed
 - Open Watercourse Crossing
 - Existing Stone Wall to be Removed
 - Extent of Required Large Vegetation Clearance
 - Area in Abeyance
 - Proposed Topsoil Clearance Area**
 - Proposed Topsoil Clearance Area - 150mm

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| Volume: VOLUME 4: GLASLYN CABLES WORKS | | | | | |
| Document Title: FIGURE 4.2.5 MINFFORDD CABLE SEALING END COMPOUND LAYOUT | | | | | |
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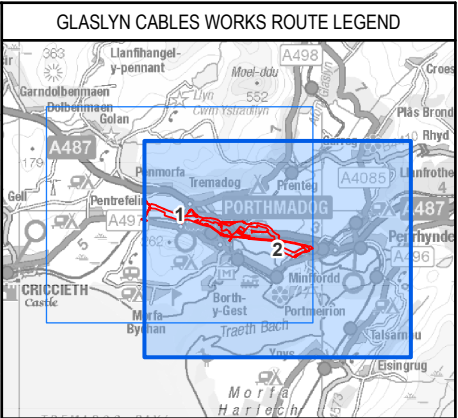
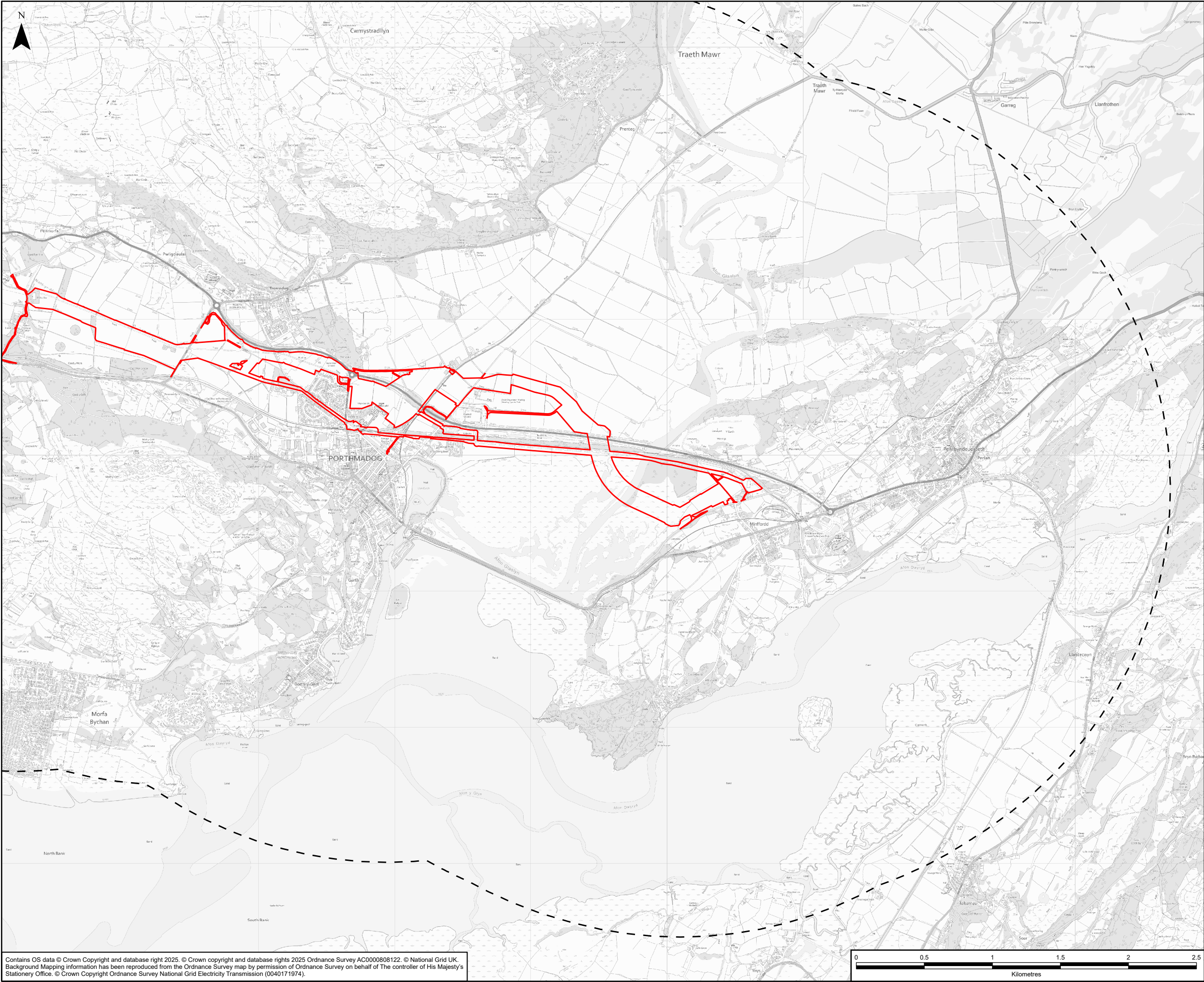


- Legend**
- Glaslyn Works Site Boundary
 - Landscape and Visual Impact Assessment (LVIA) Study Area (3km Buffer of Glaslyn Works Site Boundary)

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| Volume: VOLUME 4: GLASLYN CABLES WORKS | | | | | |
| Document Title: FIGURE 4.4.1 LANDSCAPE AND VISUAL IMPACT ASSESSMENT STUDY AREA | | | | | |
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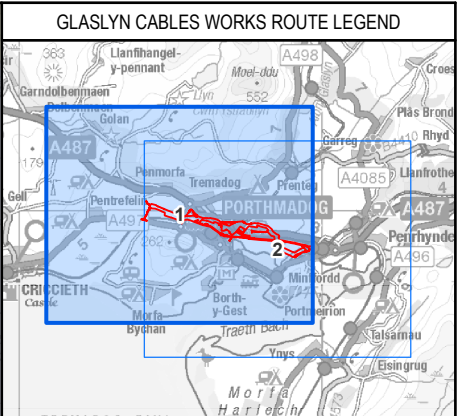
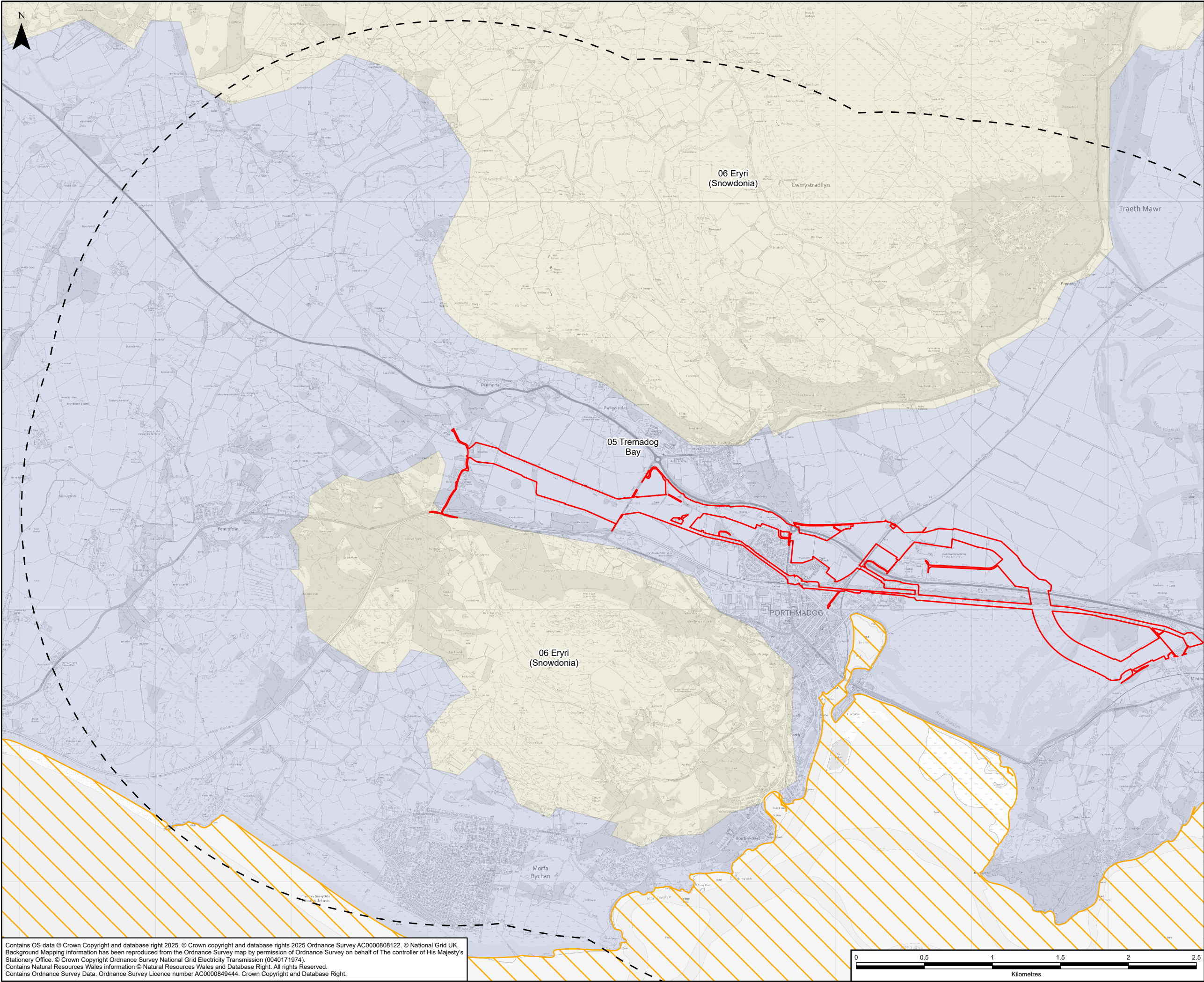


- Legend**
- Glaslyn Works Site Boundary
 - Landscape and Visual Impact Assessment (LVIA) Study Area (3km Buffer of Glaslyn Works Site Boundary)

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| Document Title: FIGURE 4.4.1 LANDSCAPE AND VISUAL IMPACT ASSESSMENT STUDY AREA | | | | | |
| Creator: ID | Date: 30/07/2025 | Checker: RC | Date: 30/07/2025 | Approver: RC | Date: 30/07/2025 |
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GLASLYN CABLES WORKS ROUTE LEGEND

Legend

- Glaslyn Works Site Boundary
- LVIA Study Area (3km Buffer of Glaslyn Works Site Boundary)

National Landscape Character Area

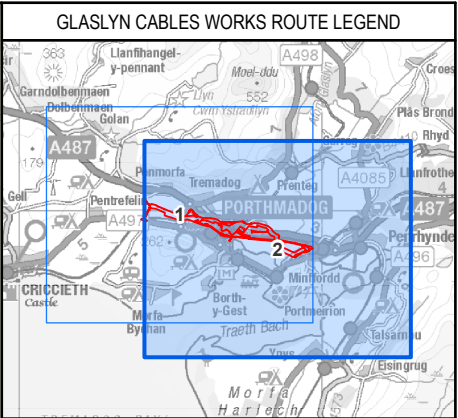
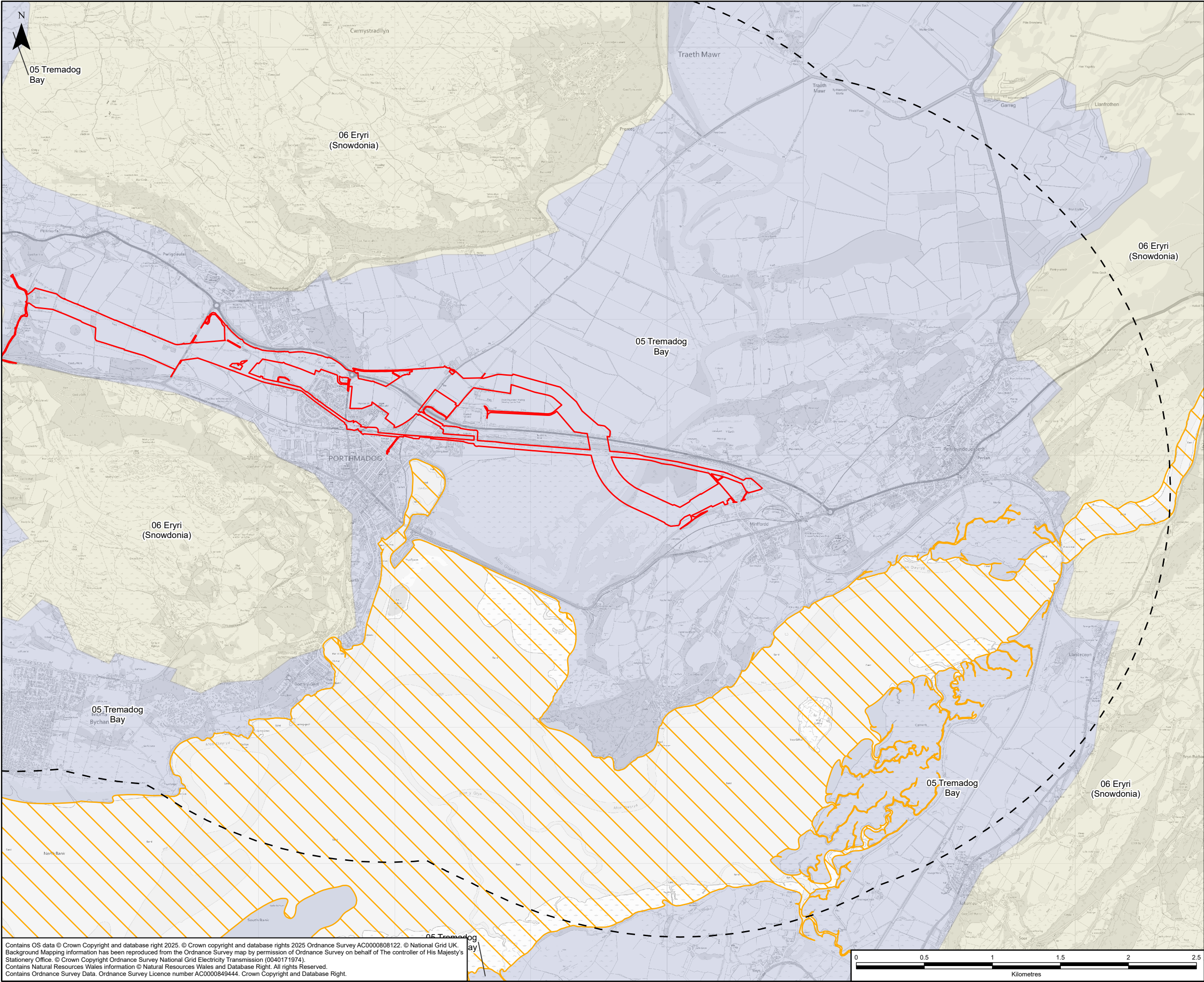
- 05 Tremadog Bay
- 06 Eryri (Snowdonia)

Marine Character Area

- 14: Tremadog Bay and Dwyryd Estuary

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| Volume: VOLUME 4: GLASLYN CABLES WORKS | | | | | |
| Document Title: FIGURE 4.4.2 NATIONAL LANDSCAPE AND NATIONAL SEASCAPE CHARACTER AREAS | | | | | |
| Creator: ID | Date: 09/09/2025 | Checker: RC | Date: 09/09/2025 | Approver: RC | Date: 09/09/2025 |
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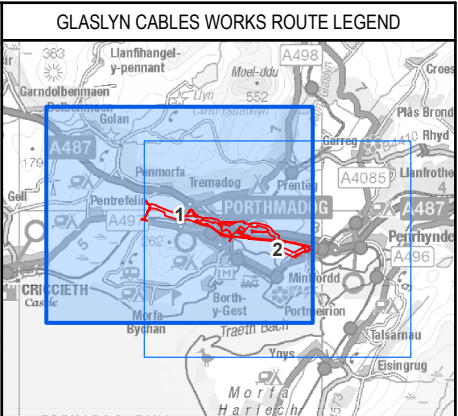
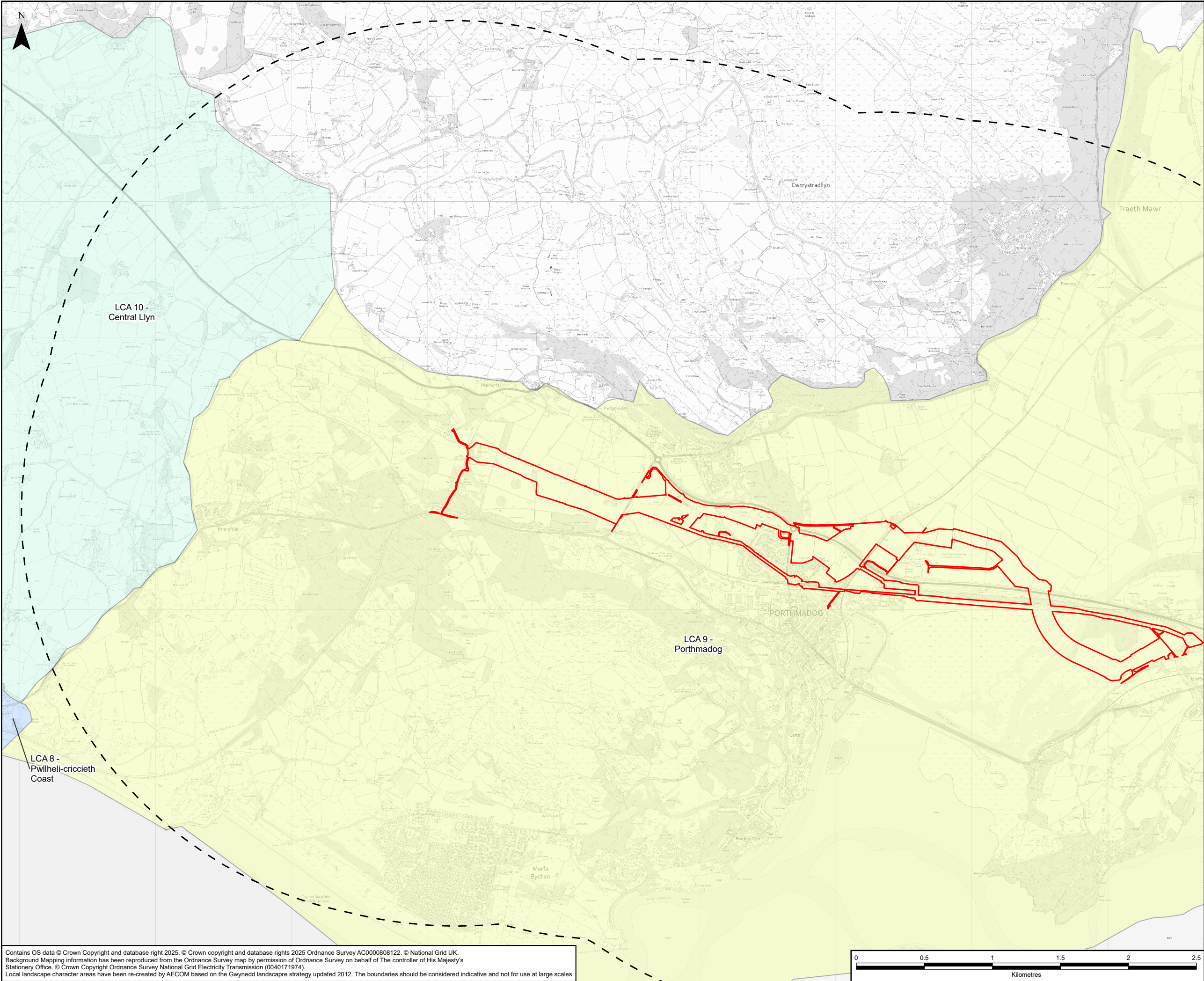


Legend

- Glaslyn Works Site Boundary
- LVIA Study Area (3km Buffer of Glaslyn Works Site Boundary)
- National Landscape Character Area**
 - 05 Tremadog Bay
 - 06 Eryri (Snowdonia)
- Marine Character Area**
 - 14: Tremadog Bay and Dwyryd Estuary

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| Volume: VOLUME 4: GLASLYN CABLES WORKS | | | | | |
| Document Title: FIGURE 4.4.2 NATIONAL LANDSCAPE AND NATIONAL SEASCAPE CHARACTER AREAS | | | | | |
| Creator: ID | Date: 09/09/2025 | Checker: RC | Date: 09/09/2025 | Approver: RC | Date: 09/09/2025 |
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Legend

- Glaslyn Works Site Boundary
- LVIA Study Area (3km Buffer of Glaslyn Works Site Boundary)

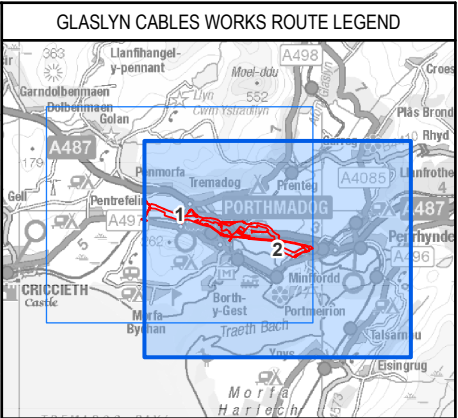
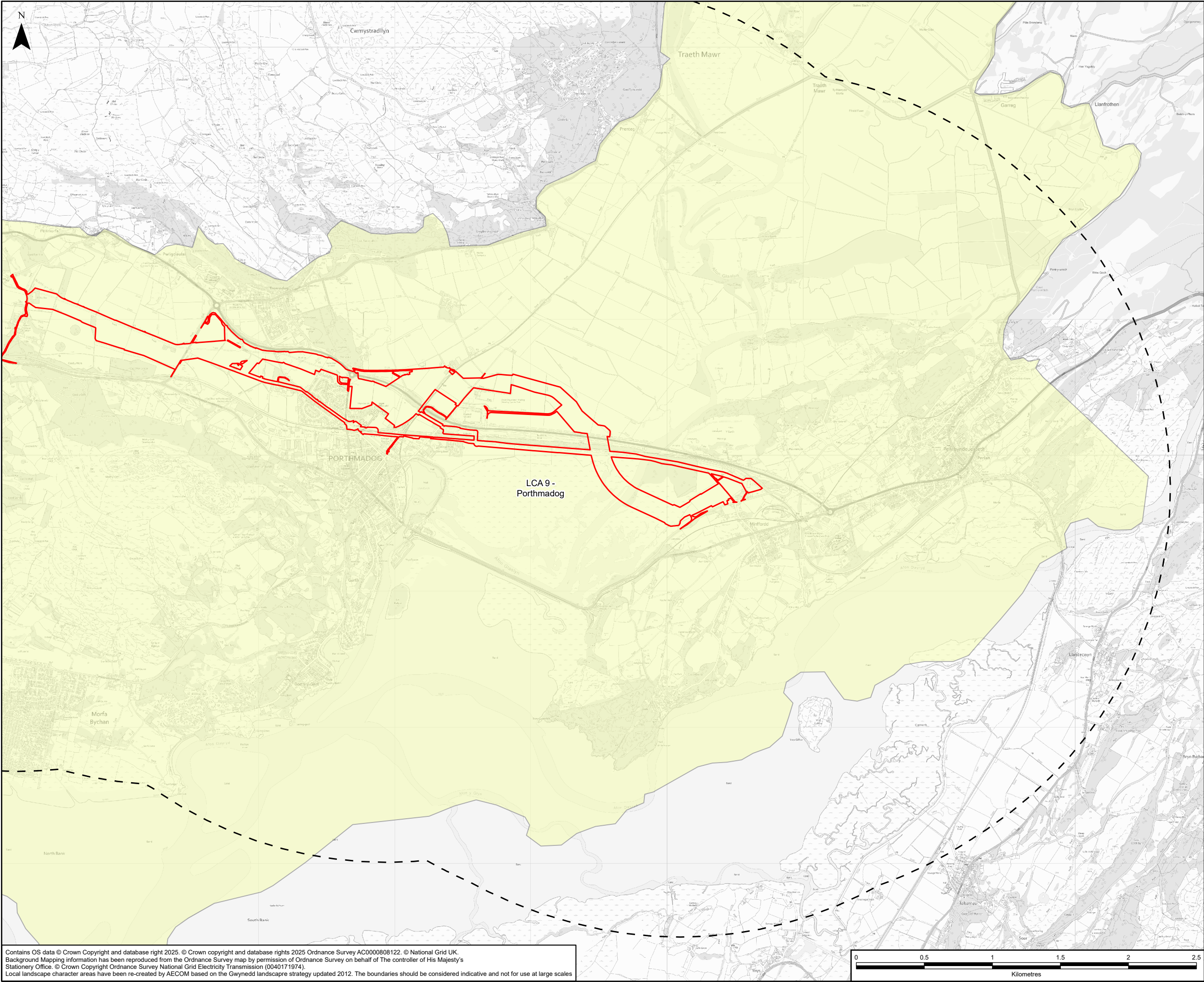
Gwynedd Local Landscape Character Area (LCA)

- LCA 8 - Pwllheli-criccieth Coast
- LCA 9 - Porthmadog
- LCA 10 - Central Llyn

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| Volume: VOLUME 4: GLASLYN CABLES WORKS | | | | | |
| Document Title: FIGURE 4.4.3 GWYNEDD LOCAL LANDSCAPE CHARACTER AREAS | | | | | |
| Creator: ID | Date: 30/07/2025 | Checker: RC | Date: 30/07/2025 | Approver: RC | Date: 30/07/2025 |
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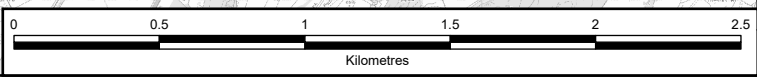




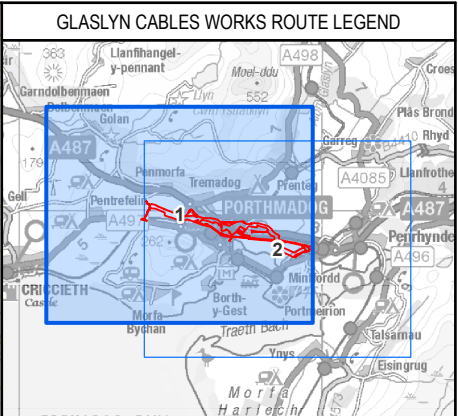
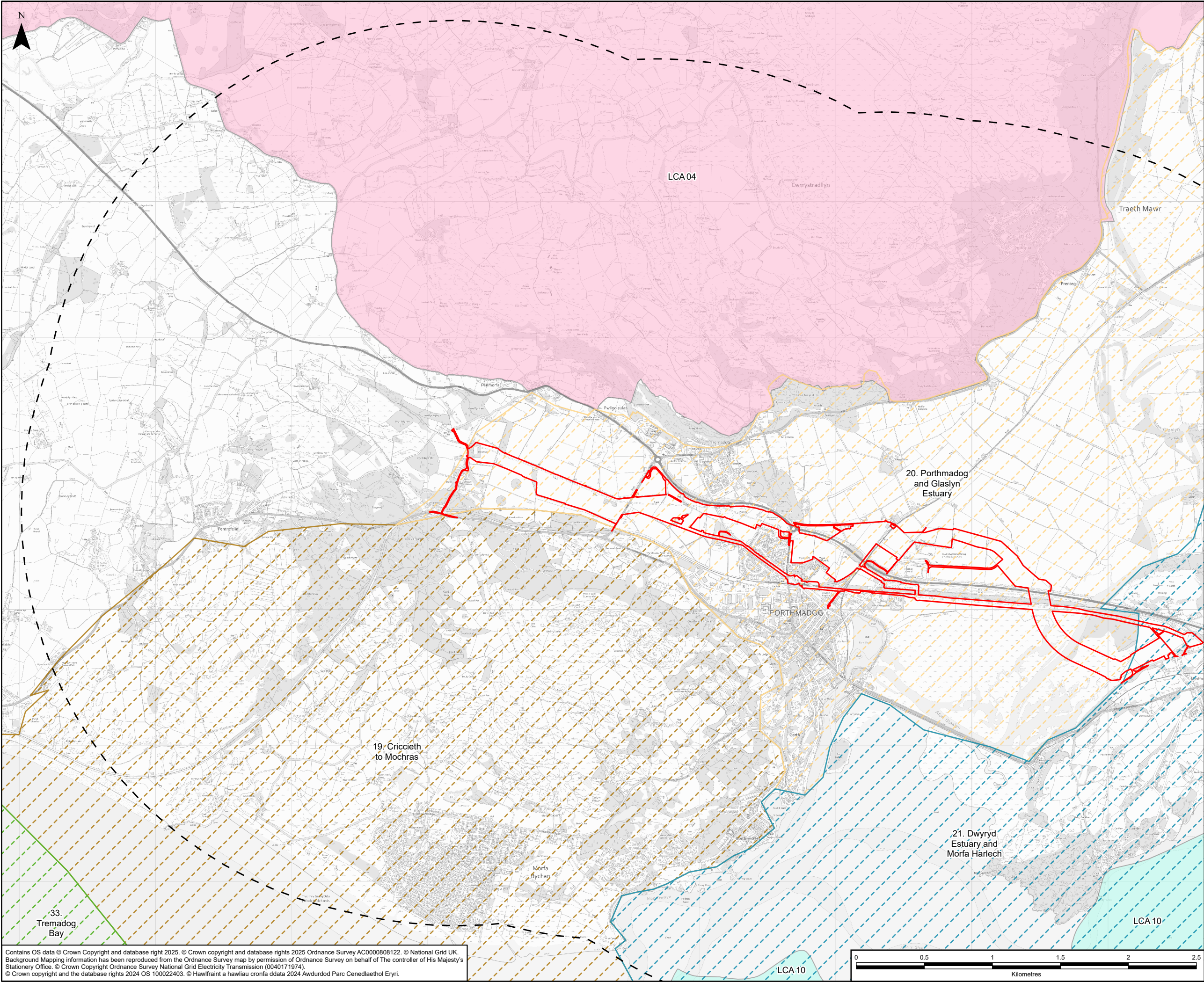
Legend

- Glaslyn Works Site Boundary
- LVIA Study Area (3km Buffer of Glaslyn Works Site Boundary)
- Gwynedd Local Landscape Character Area (LCA)
- LCA 9 - Porthmadog

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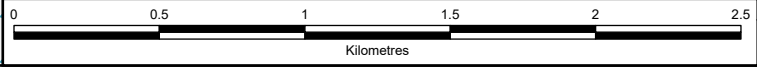


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| Volume: VOLUME 4: GLASLYN CABLES WORKS | | | | | |
| Document Title: FIGURE 4.4.3 GWYNEDD LOCAL LANDSCAPE CHARACTER AREAS | | | | | |
| Creator: ID | Date: 30/07/2025 | Checker: RC | Date: 30/07/2025 | Approver: RC | Date: 30/07/2025 |
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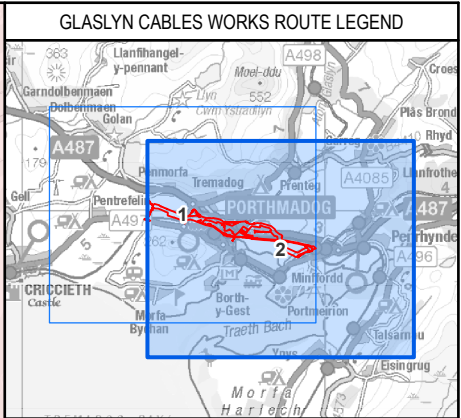
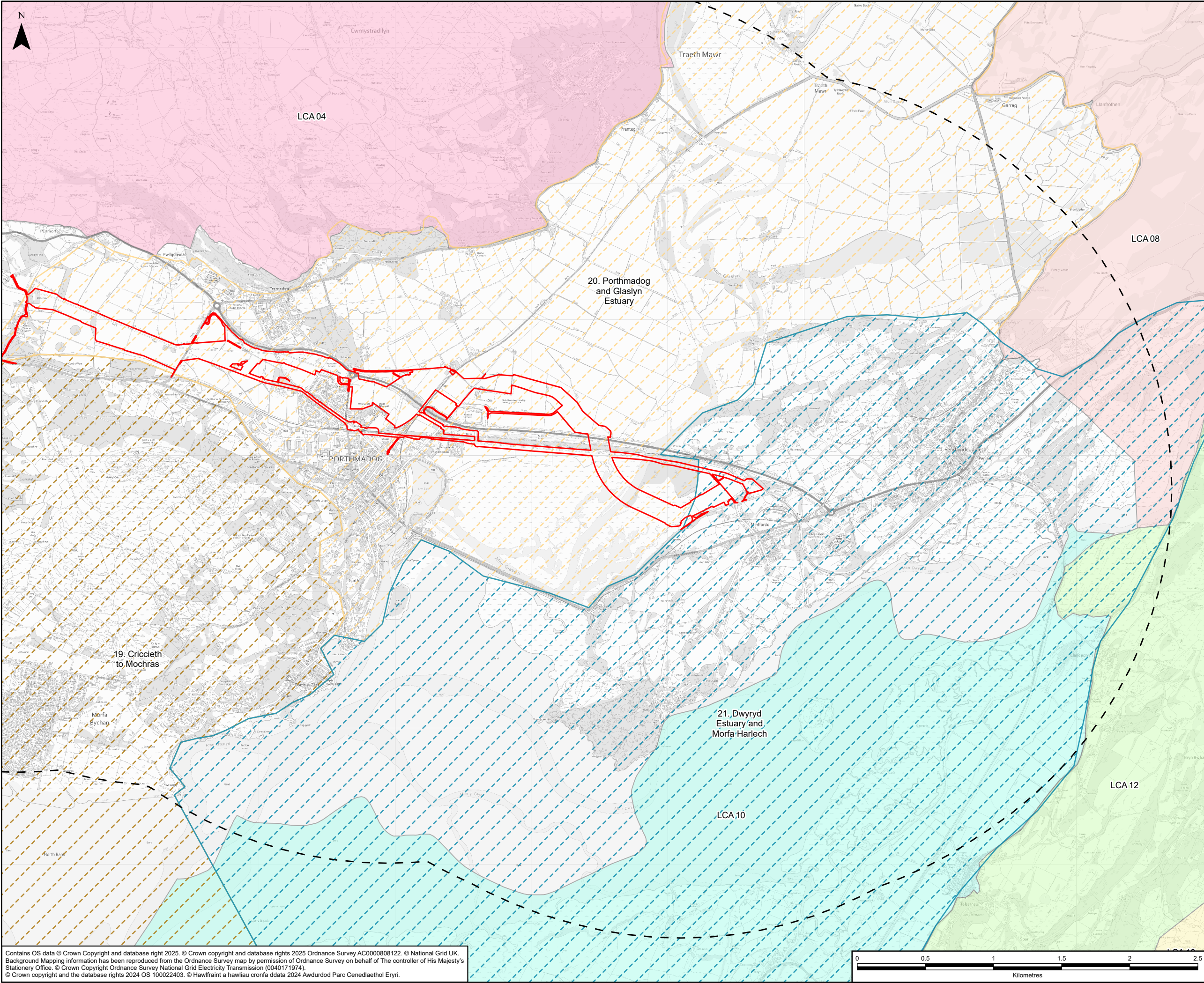


- Legend**
- Glaslyn Works Site Boundary
 - LVIA Study Area (3km Buffer of Glaslyn Works Site Boundary)
 - Eryri National Park Local Landscape Character Area (LCA)**
 - LCA 04 - Moel Hebog Uplands
 - LCA 10 - Morfa Harlech
 - Eryri National Park Seascape Character Area**
 - 19. Criccieth to Mochras
 - 20. Porthmadog and Glaslyn Estuary
 - 21. Dwyrdd Estuary and Morfa Harlech
 - 33. Tremadog Bay

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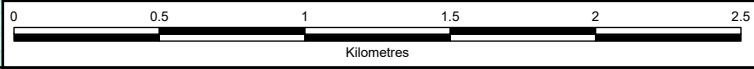


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| Volume: VOLUME 4: GLASLYN CABLES WORKS | | | | | |
| Document Title: FIGURE 4.4.4 ERYRI NATIONAL PARK LOCAL LANDSCAPE AND SEASCAPE CHARACTER AREAS | | | | | |
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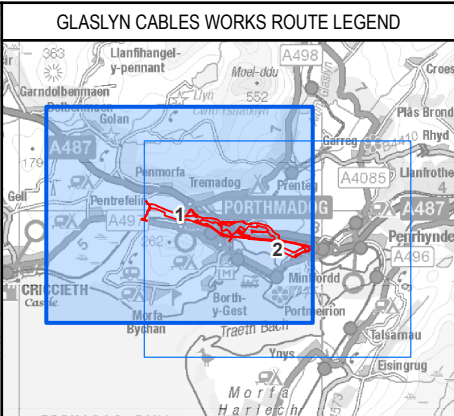
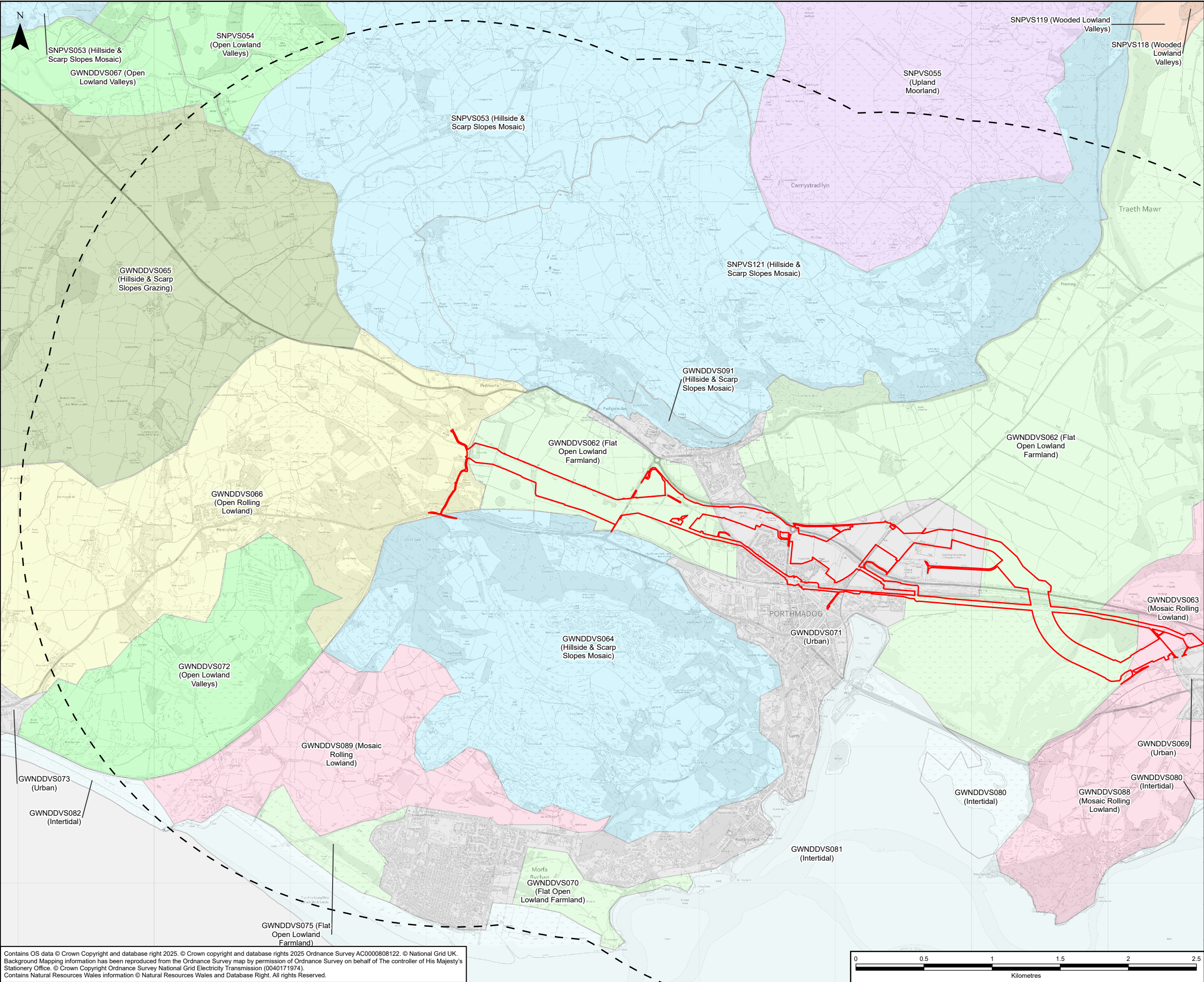


- Legend**
- Glaslyn Works Site Boundary
 - LVIA Study Area (3km Buffer of Glaslyn Works Site Boundary)
 - Eryri National Park Local Landscape Character Area (LCA)**
 - LCA 04 - Moel Hebog Uplands
 - LCA 08 - Vale of Ffestiniog
 - LCA 10 - Morfa Harlech
 - LCA 12 - Ardudwy Coastal Hinterland
 - LCA 13 - Rhinog Mountains
 - Eryri National Park Seascape Character Area**
 - 19. Criccieth to Mochras
 - 20. Porthmadog and Glaslyn Estuary
 - 21. Dwyryd Estuary and Morfa Harlech

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| Document Title: FIGURE 4.4.4 ERYRI NATIONAL PARK LOCAL LANDSCAPE AND SEASCAPE CHARACTER AREAS | | | | | |
| Creator: ID | Date: 04/09/2025 | Checker: RC | Date: 04/09/2025 | Approver: RC | Date: 04/09/2025 |
| Document Type: FIGURE | Scale: 1:26,000 | Format: A3 | Sheets: 2 OF 2 | Rev: A | |



Legend

Glaslyn Works Site Boundary

LVIA Study Area (3km Buffer of Glaslyn Works Site Boundary)

LANDMAP Visual and Sensory Landscape Character Area

Flat Open Lowland Farmland

Hillside & Scarp Slopes Grazing

Hillside & Scarp Slopes Mosaic

Intertidal

Mosaic Rolling Lowland

Open Lowland Valleys

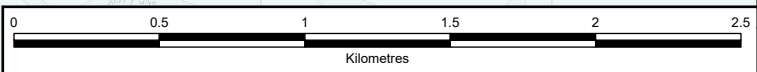
Open Rolling Lowland

Upland Moorland

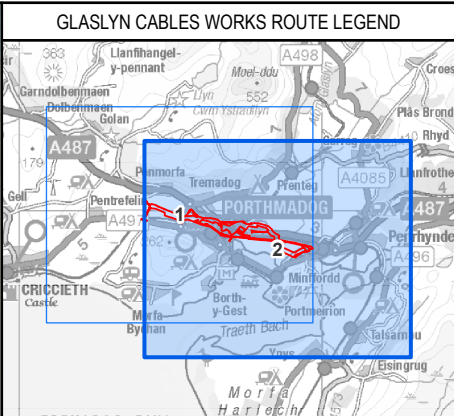
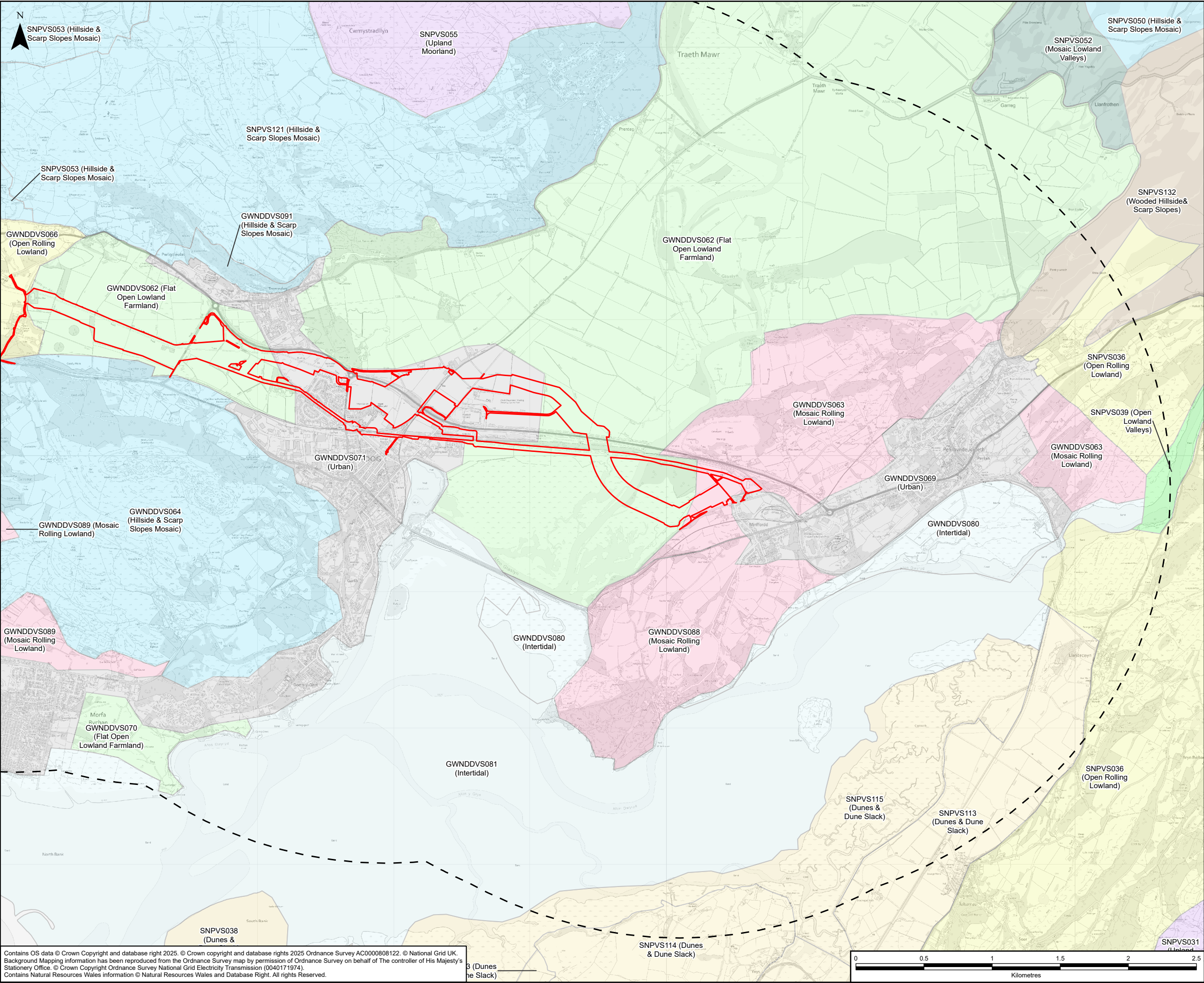
Urban

Wooded Lowland Valleys

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| A | 31/07/2025 | Environmental Statement | ID | RC | RC |
| Rev | Date | Description | GIS | Chk | App |
| nationalgrid | | | | | |
| Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT | | | | | |
| Volume: VOLUME 4: GLASLYN CABLES WORKS | | | | | |
| Document Title: FIGURE 4.4.5 LANDMAP VISUAL SENSORY LANDSCAPE CHARACTER AREAS | | | | | |
| Creator: ID | Date: 31/07/2025 | Checker: RC | Date: 31/07/2025 | Approver: RC | Date: 31/07/2025 |
| Document Type: FIGURE | Scale: 1:26,000 | Format: A3 | Sheets: 1 OF 2 | Rev: A | |



Legend

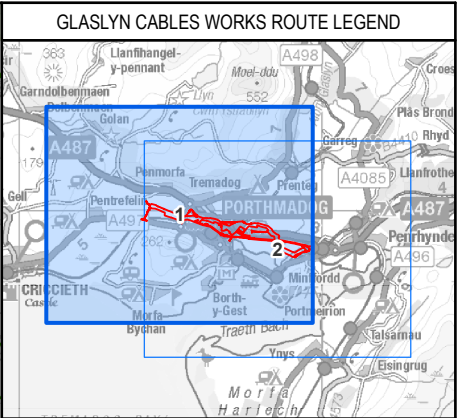
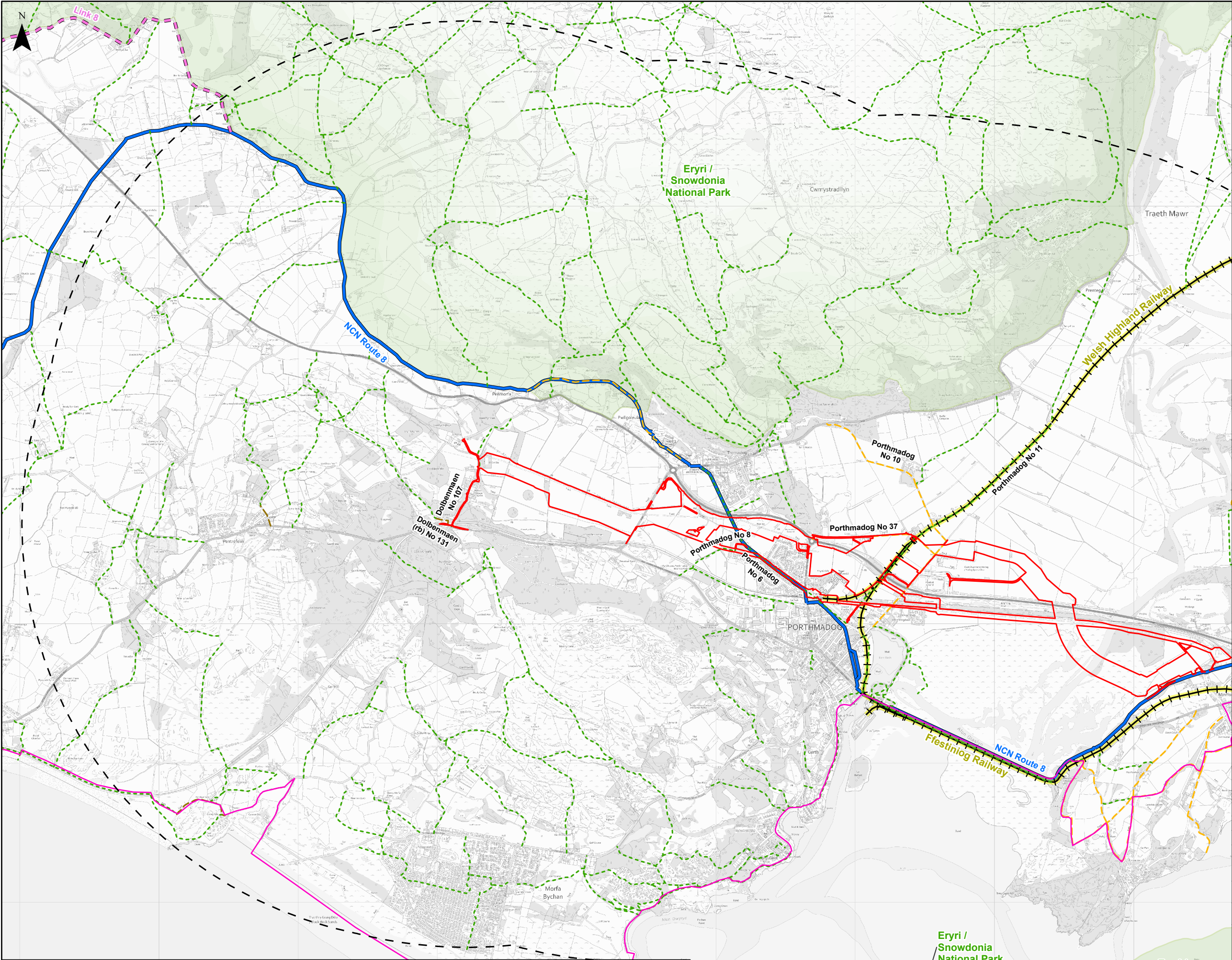
- Glaslyn Works Site Boundary
- LVIA Study Area (3km Buffer of Glaslyn Works Site Boundary)

LANDMAP Visual and Sensory Landscape Character Area

- Dunes & Dune Slack
- Flat Open Lowland Farmland
- Hillside & Scarp Slopes Mosaic
- Intertidal
- Mosaic Lowland Valleys
- Mosaic Rolling Lowland
- Open Lowland Valleys
- Open Rolling Lowland
- Upland Moorland
- Urban
- Wooded Hillside& Scarp Slopes

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| A | 31/07/2025 | Environmental Statement | ID | RC | RC |
| Rev | Date | Description | GIS | Chk | App |
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| Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT | | | | | |
| Volume: VOLUME 4: GLASLYN CABLES WORKS | | | | | |
| Document Title: FIGURE 4.4.5 LANDMAP VISUAL SENSORY LANDSCAPE CHARACTER AREAS | | | | | |
| Creator: ID | Date: 31/07/2025 | Checker: RC | Date: 31/07/2025 | Approver: RC | Date: 31/07/2025 |
| Document Type: FIGURE | Scale: 1:26,000 | Format: A3 | Sheets: 2 OF 2 | Rev: A | |

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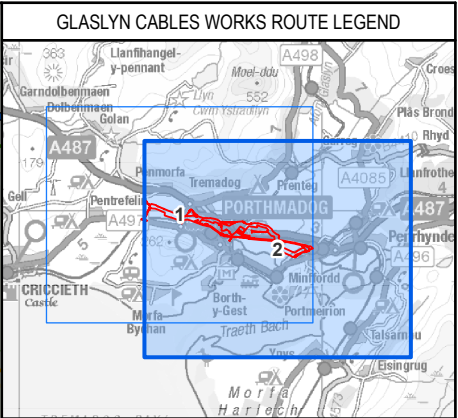
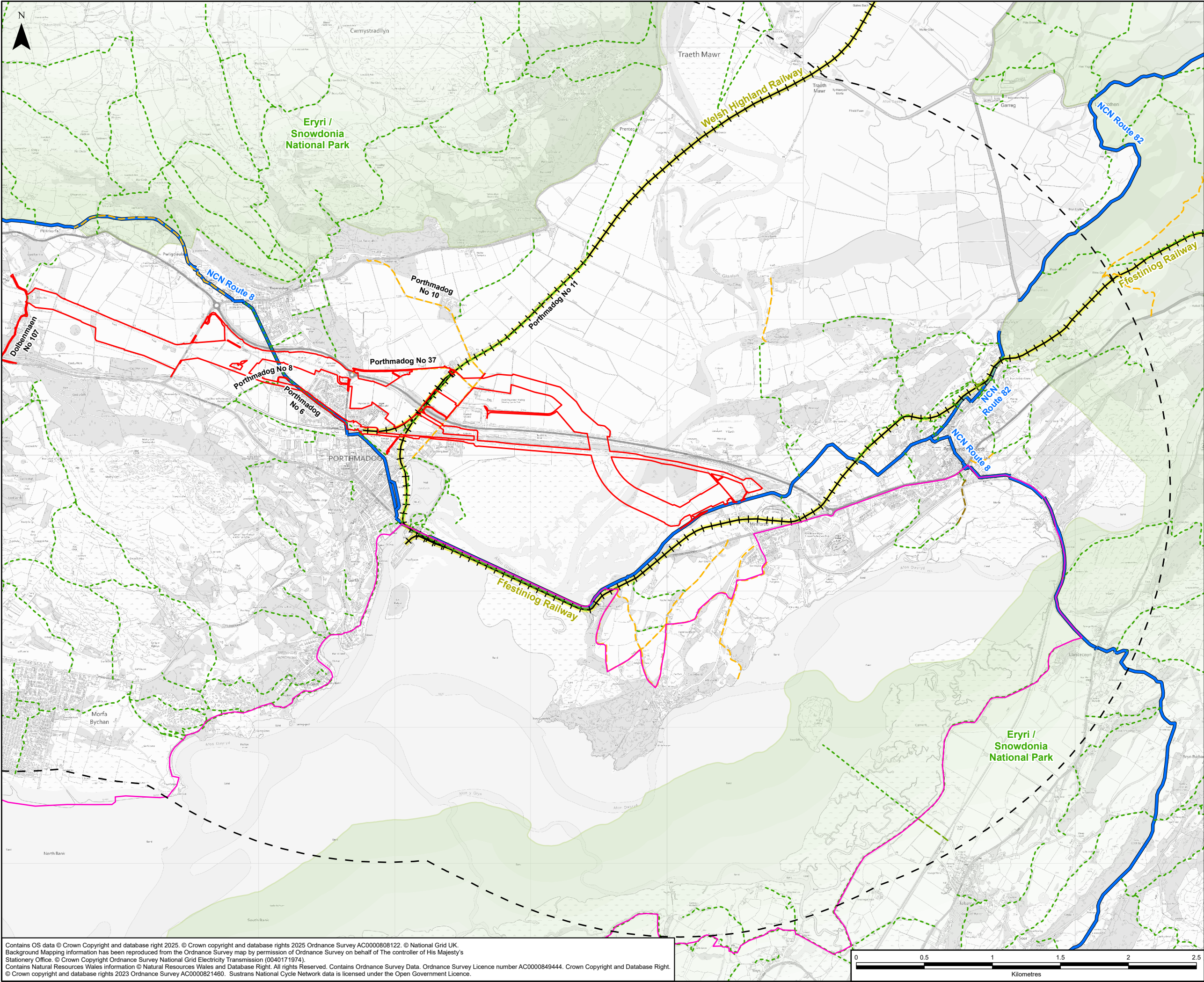
- Legend**
- Glaslyn Works Site Boundary
 - LVIA Study Area (3km Buffer of Glaslyn Works Site Boundary)
 - Eryri National Park
 - Heritage Railway
 - Wales Coast Path
 - Public Right of Way (PRoW)
 - Footpath
 - Bridleway
 - Restricted Byway
 - Cycle Network
 - National Cycle Network (NCN) Route
 - Link

| | | | | | |
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| A | 09/09/2025 | Environmental Statement | ID | RC | RC |
| Rev | Date | Description | GIS | Chk | App |

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| nationalgrid | | | | | |
| Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT | | | | | |
| Volume: VOLUME 4: GLASLYN CABLES WORKS | | | | | |
| Document Title: FIGURE 4.4.6 LANDSCAPE RELEVANT STATUTORY DESIGNATIONS AND RECREATIONAL ROUTES | | | | | |
| Creator: ID | Date: 09/09/2025 | Checker: BM | Date: 09/09/2025 | Approver: RC | Date: 09/09/2025 |
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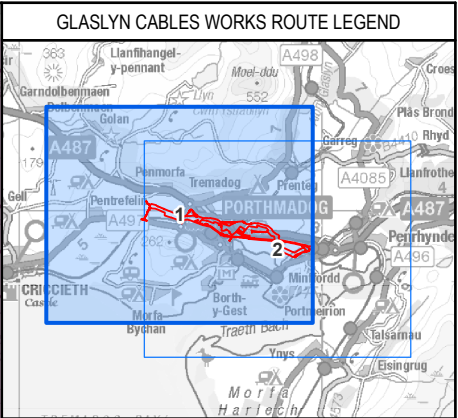
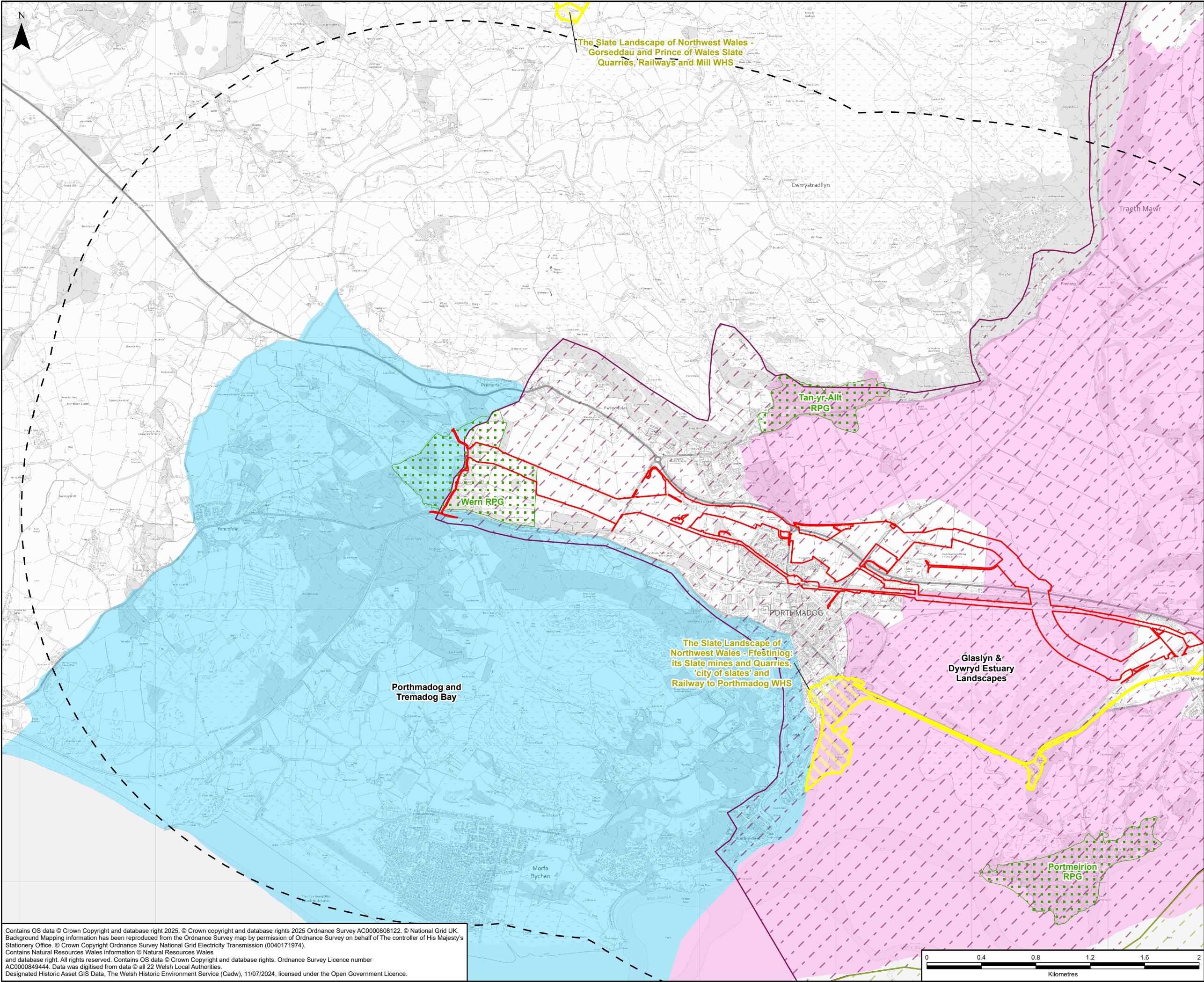


Legend

- Glaslyn Works Site Boundary
- LVIA Study Area (3km Buffer of Glaslyn Works Site Boundary)
- Eryri National Park
- Heritage Railway
- Wales Coast Path
- Public Right of Way (PRoW)
- Footpath
- Bridleway
- Byway
- Restricted Byway
- Cycle Network
- National Cycle Network (NCN) Route

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| A | 09/09/2025 | Environmental Statement | ID | RC | RC |
| Rev | Date | Description | GIS | Chk | App |
| nationalgrid | | | | | |
| Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT | | | | | |
| Volume: VOLUME 4: GLASLYN CABLES WORKS | | | | | |
| Document Title: FIGURE 4.4.6 LANDSCAPE RELEVANT STATUTORY DESIGNATIONS AND RECREATIONAL ROUTES | | | | | |
| Creator: ID | Date: 09/09/2025 | Checker: BM | Date: 09/09/2025 | Approver: RC | Date: 09/09/2025 |
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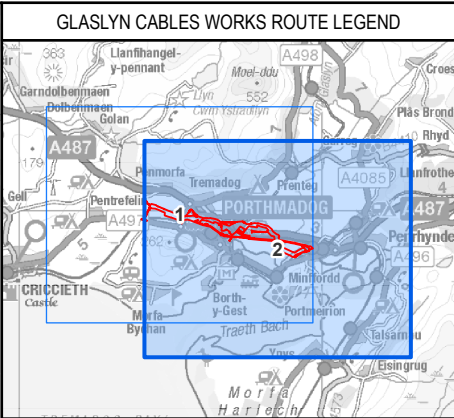
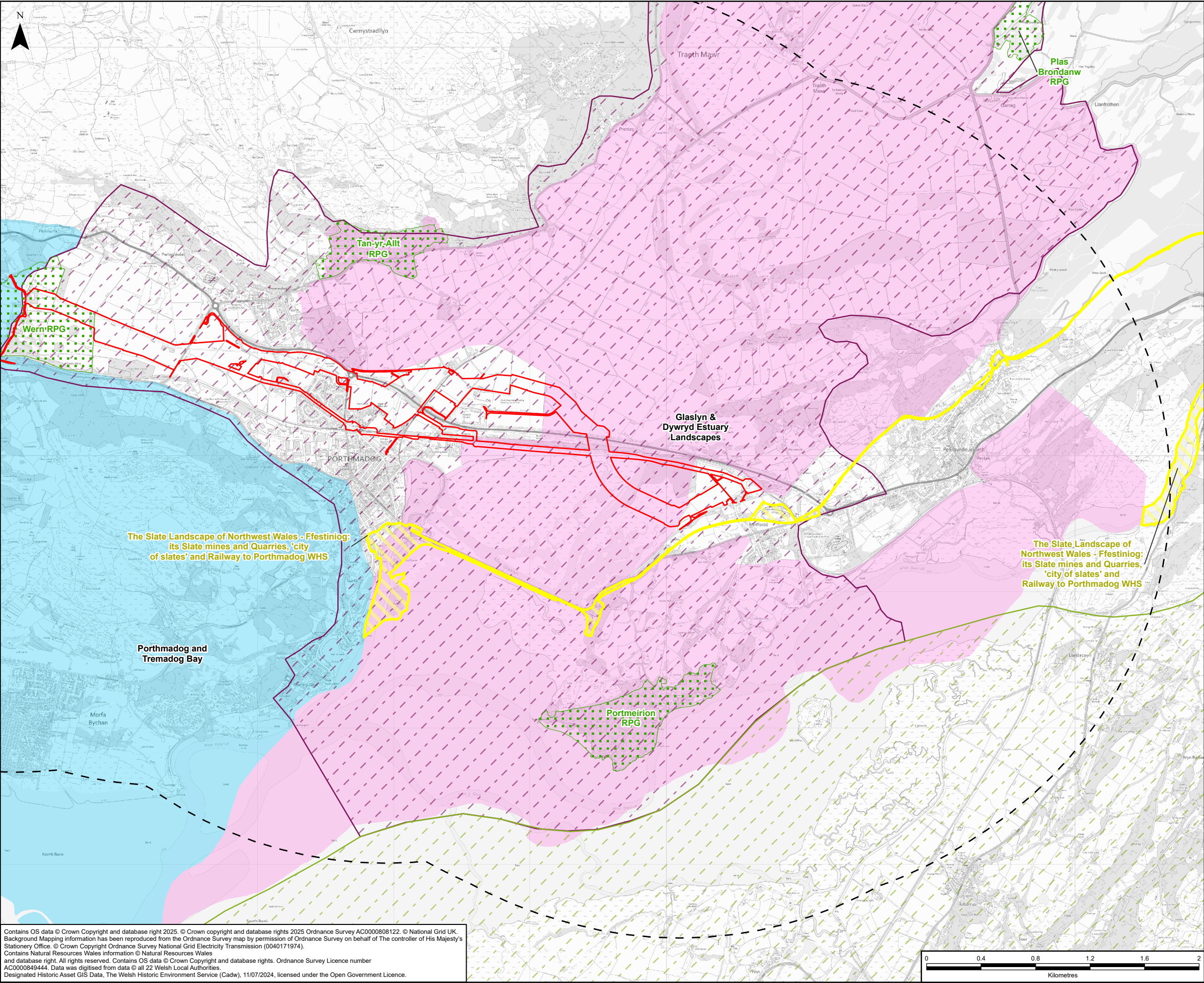
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- Legend**
- Glaslyn Works Site Boundary
 - LVIA Study Area (3km Buffer of Glaslyn Works Site Boundary)
 - World Heritage Site (WHS)
 - Registered Park and Garden (RPG)
 - Registered Historic Landscape**
 - Aberglaslyn
 - Arddwy
 - Special Landscape Area**
 - Glaslyn & Dywyrd Estuary Landscapes
 - Porthmadog and Tremadog Bay

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| Volume: VOLUME 4: GLASLYN CABLES WORKS | | | | | |
| Document Title: FIGURE 4.4.7 LANDSCAPE RELEVANT NON-STATUTORY DESIGNATIONS | | | | | |
| Creator: ID | Date: 04/09/2025 | Checker: RC | Date: 04/09/2025 | Approver: RC | Date: 04/09/2025 |
| Document Type: FIGURE | Scale: 1:26,000 | Format: A3 | Sheets: 1 OF 2 | Rev: A | |



- Legend**
- Glaslyn Works Site Boundary
 - LVIA Study Area (3km Buffer of Glaslyn Works Site Boundary)
 - World Heritage Site (WHS)
 - Registered Park and Garden (RPG)
 - Registered Historic Landscape
 - Aberglaslyn
 - Arudwy
 - Special Landscape Area
 - Glaslyn & Dywryd Estuary Landscapes
 - Porthmadog and Tremadog Bay

The Slate Landscape of Northwest Wales - Ffestiniog: its Slate mines and Quarries, 'city of slates' and Railway to Porthmadog WHS

The Slate Landscape of Northwest Wales - Ffestiniog: its Slate mines and Quarries, 'city of slates' and Railway to Porthmadog WHS

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| Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT | | | | | |
| Volume: VOLUME 4: GLASLYN CABLES WORKS | | | | | |
| Document Title: FIGURE 4.4.7 LANDSCAPE RELEVANT NON-STATUTORY DESIGNATIONS | | | | | |
| Creator: ID | Date: 04/09/2025 | Checker: RC | Date: 04/09/2025 | Approver: RC | Date: 04/09/2025 |
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GLASLYN CABLES WORKS ROUTE LEGEND

Legend

- Glaslyn Works Site Boundary
- LVIA Study Area (3km Buffer of Glaslyn Works Site Boundary)
- Wern Cable Sealing End Compound (CSEC) Boundary - 9m Height
- National Forest Inventory - 10m Height
- Existing Building using Height from OS MasterMap
- Existing Building - 7.5m Height
- Zone of Theoretical Visibility¹

NOTES

1. Zone of Theoretical Visibility (ZTV) has been generated using OS Terrain 5 digital terrain model (DTM) which does not take into account the screening effects of vegetation, buildings or other structures. Existing Buildings have been incorporated into the DTM from OS MasterMap with assigned individual heights and OS Open Map Local (where OS MasterMap data was not available) with an assumed height of 7.5m. Woodland from National Forest Inventory has been incorporated into the DTM with an assumed height of 10m. ZTV is based upon a 5m grid of points within the CSEC Boundary at a height of 9m (above a platform of 4.6m AOD) with an observer eye height of 1.6m. All heights mentioned above are above ground level (AGL) unless otherwise specified.

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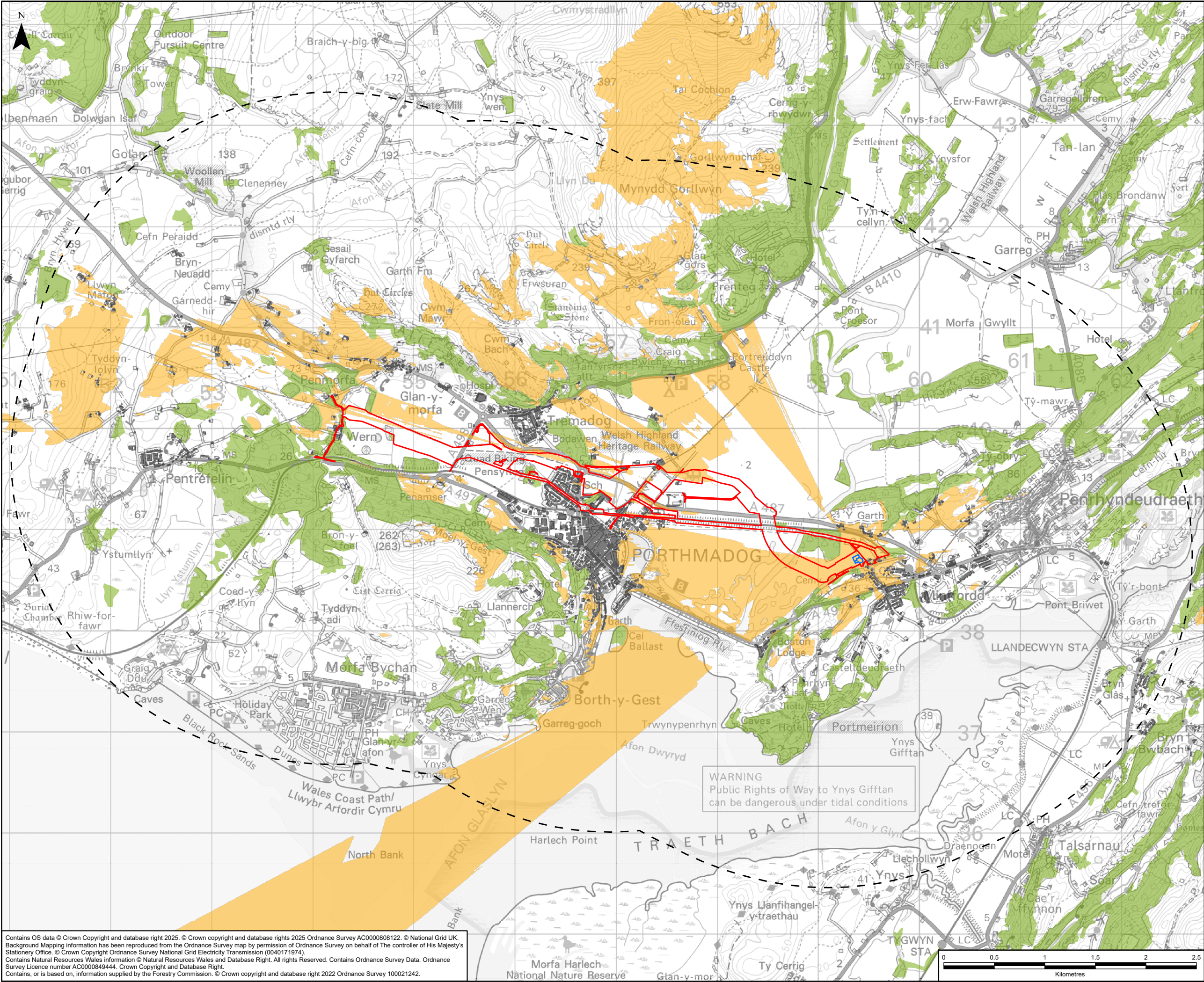
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Volume: VOLUME 4: GLASLYN CABLES WORKS

Document Title: FIGURE 4.4.8
ZONE OF THEORETICAL VISIBILITY
WERN CABLE SEALING END COMPOUND

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| Creator: AB | Date: 04/09/2025 | Checker: LC | Date: 04/09/2025 | Approver: RC | Date: 04/09/2025 |
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GLASLYN CABLES WORKS ROUTE LEGEND

Legend

- Glaslyn Works Site Boundary
- LVIA Study Area (3km Buffer of Glaslyn Works Site Boundary)
- Minffordd Cable Sealing End Compound (CSEC) Boundary - 9m Height
- National Forest Inventory - 10m Height
- Existing Building using Height from OS MasterMap
- Existing Building - 7.5m Height
- Zone of Theoretical Visibility

NOTES

1. Zone of Theoretical Visibility (ZTV) has been generated using OS Terrain 5 digital terrain model (DTM) which does not take into account the screening effects of vegetation, buildings or other structures. Existing Buildings have been incorporated into the DTM from OS MasterMap with assigned individual heights and OS Open Map Local (where OS MasterMap data was not available) with an assumed height of 7.5m. Woodland from National Forest Inventory has been incorporated into the DTM with an assumed height of 10m. ZTV is based upon a 5m grid of points within the CSEC Boundary at a height of 9m (above a platform of 4.2m AOD) with an observer eye height of 1.6m. All heights mentioned above are above ground level (AGL) unless otherwise specified.

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nationalgrid

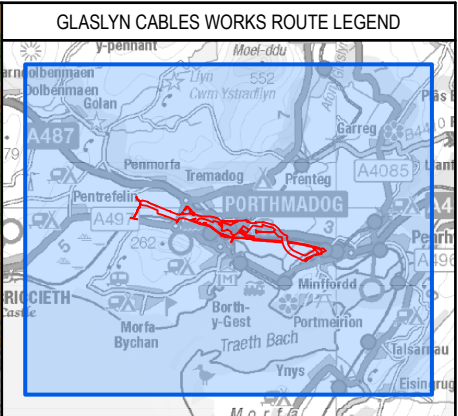
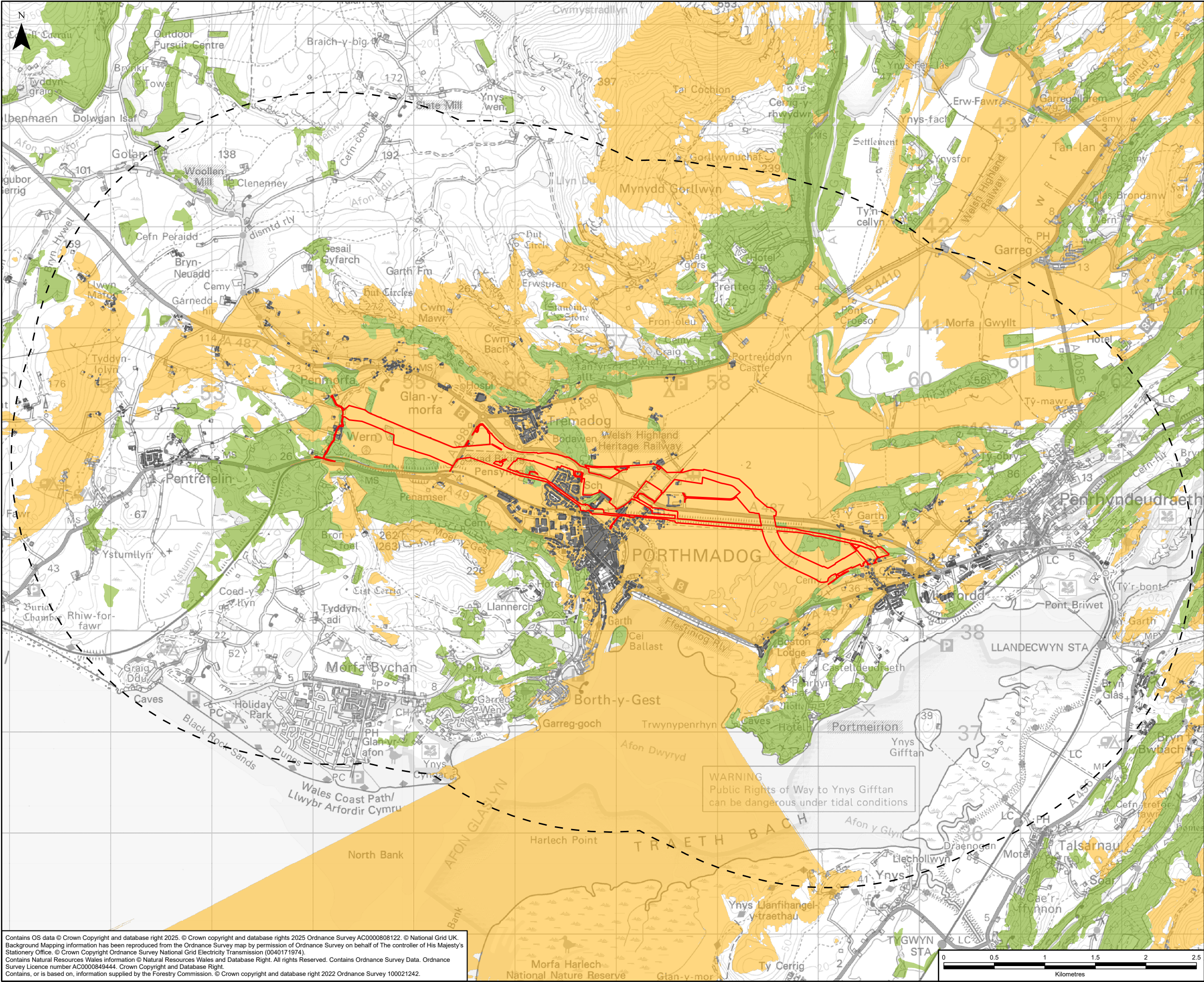
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Volume: VOLUME 4: GLASLYN CABLES WORKS

Document Title: FIGURE 4.4.9
ZONE OF THEORETICAL VISIBILITY
MINFFORDD CABLE SEALING END COMPOUND

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- Legend
- Glaslyn Works Site Boundary
 - LVIA Study Area (3km Buffer of Glaslyn Works Site Boundary)
 - National Forest Inventory - 10m Height
 - Existing Building using Height from OS MasterMap
 - Existing Building - 7.5m Height
 - Zone of Theoretical Visibility¹

NOTES

1. Zone of Theoretical Visibility (ZTV) has been generated using OS Terrain 5 digital terrain model (DTM) which does not take into account the screening effects of vegetation, buildings or other structures. Existing Buildings have been incorporated into the DTM from OS MasterMap with assigned individual heights and OS Open Map Local (where OS MasterMap data was not available) with an assumed height of 7.5m. Woodland from National Forest Inventory has been incorporated into the DTM with an assumed height of 10m. ZTV is based upon a 20m grid of points within the Glaslyn works site boundary at a height of 16m with an observer eye height of 1.6m. All heights mentioned above are above ground level (AGL) unless otherwise specified.

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| Rev | Date | Description | GIS | Chk | App |

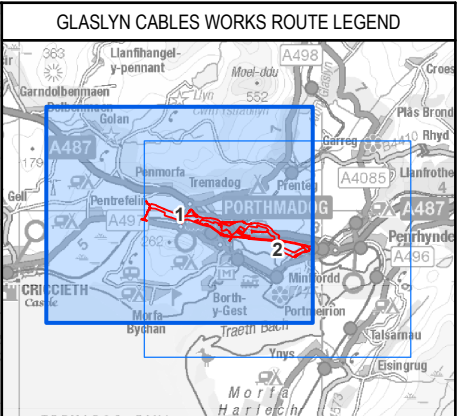
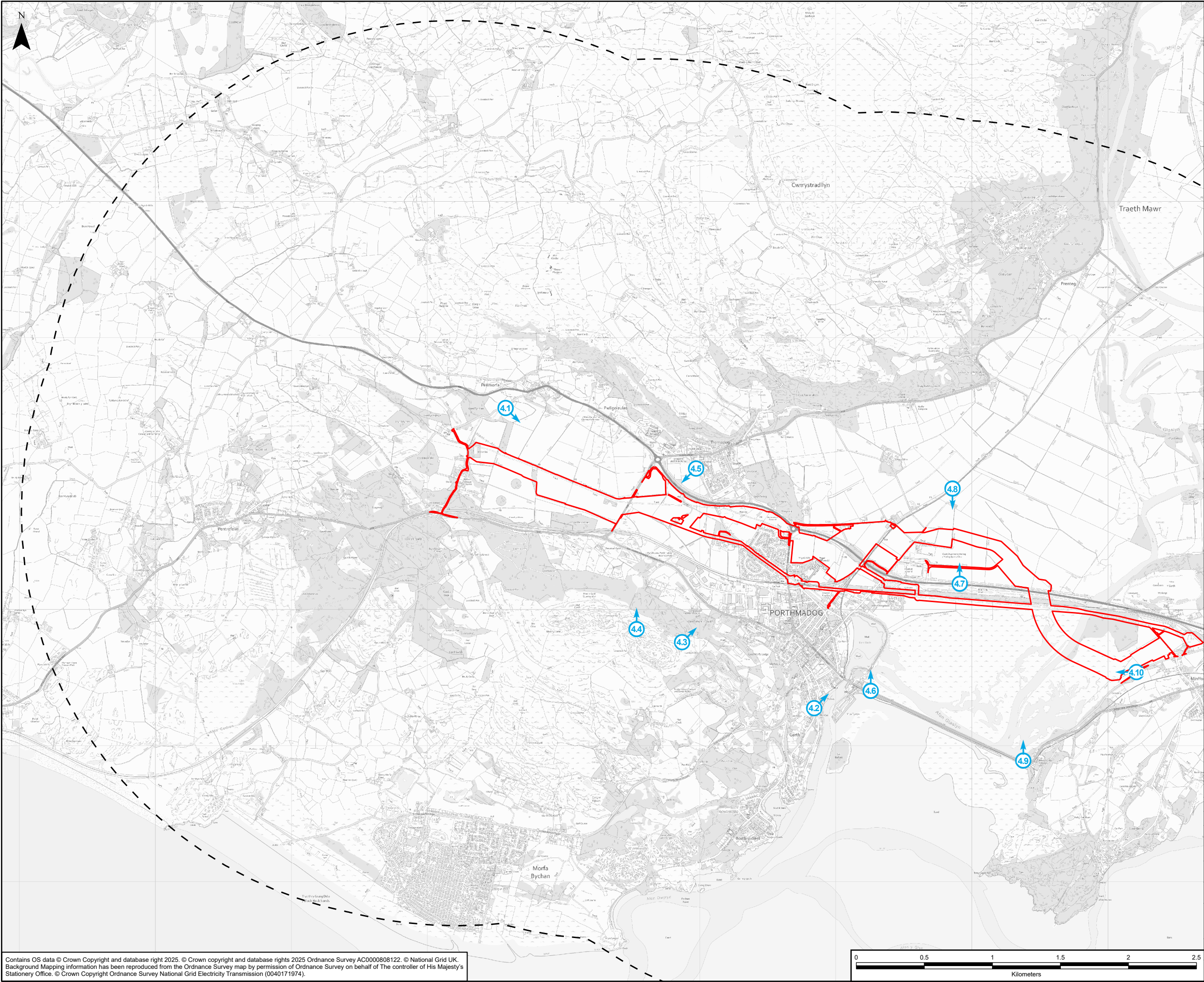
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Volume: VOLUME 4: GLASLYN CABLES WORKS

Document Title: FIGURE 4.4.10
ZONE OF THEORETICAL VISIBILITY
GLASLYN WORKS SITE

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| Creator: AB | Date: 04/09/2025 | Checker: LC | Date: 04/09/2025 | Approver: RC | Date: 04/09/2025 |
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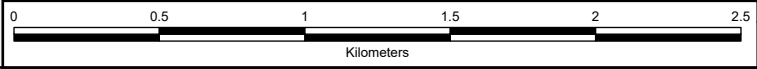
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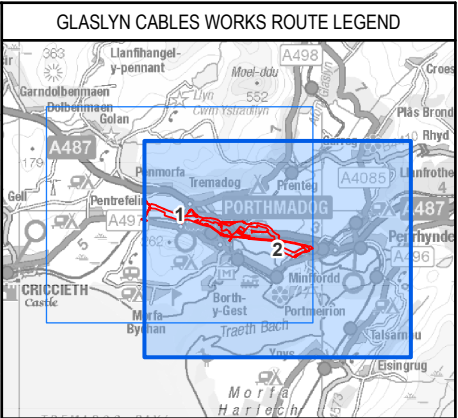
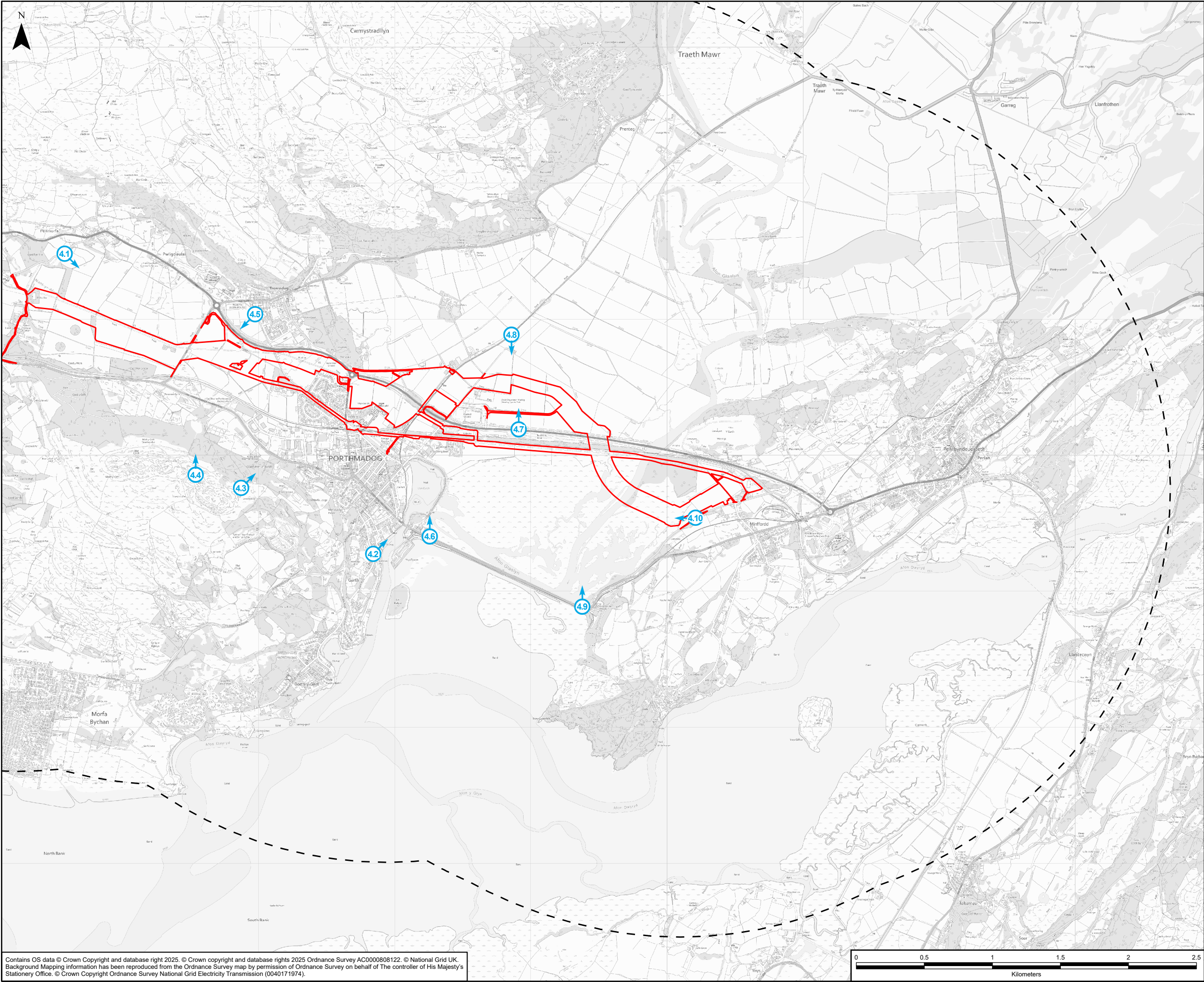


- Legend**
- Glaslyn Works Site Boundary
 - LVIA Study Area (3km Buffer of Glaslyn Works Site Boundary)
 - ⬆ Proposed Viewpoint

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| A | 04/09/2025 | Environmental Statement | LP | RC | RC |
| Rev | Date | Description | GIS | Chk | App |
| nationalgrid | | | | | |
| Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT | | | | | |
| Volume: VOLUME 4: GLASLYN CABLES WORKS | | | | | |
| Document Title: FIGURE 4.4.11 REPRESENTATIVE VIEWPOINT AND VISUAL RECEPTOR LOCATIONS | | | | | |
| Creator: LP | Date: 04/09/2025 | Checker: RC | Date: 04/09/2025 | Approver: RC | Date: 04/09/2025 |
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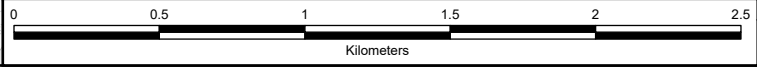


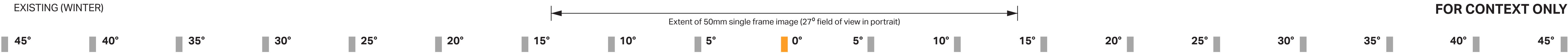
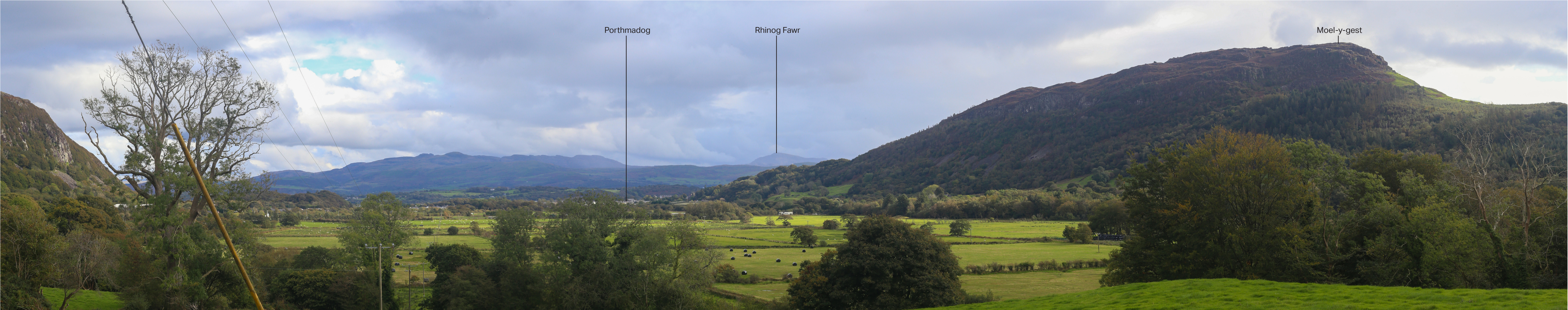
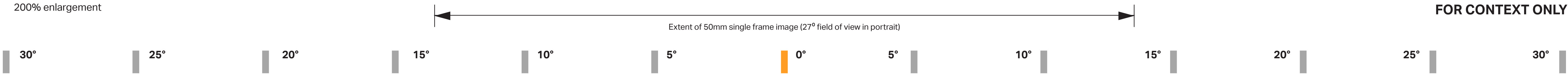
Legend

- Glaslyn Works Site Boundary
- LVIA Study Area (3km Buffer of Glaslyn Works Site Boundary)
- Proposed Viewpoint

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| A | 04/09/2025 | Environmental Statement | LP | RC | RC |
| Rev | Date | Description | GIS | Chk | App |
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| Scheme: PENTIR TO TRAWSFYNYDD REINFORCEMENT | | | | | |
| Volume: VOLUME 4: GLASLYN CABLES WORKS | | | | | |
| Document Title: FIGURE 4.4.11 REPRESENTATIVE VIEWPOINT AND VISUAL RECEPTOR LOCATIONS | | | | | |
| Creator: LP | Date: 04/09/2025 | Checker: RC | Date: 04/09/2025 | Approver: RC | Date: 04/09/2025 |
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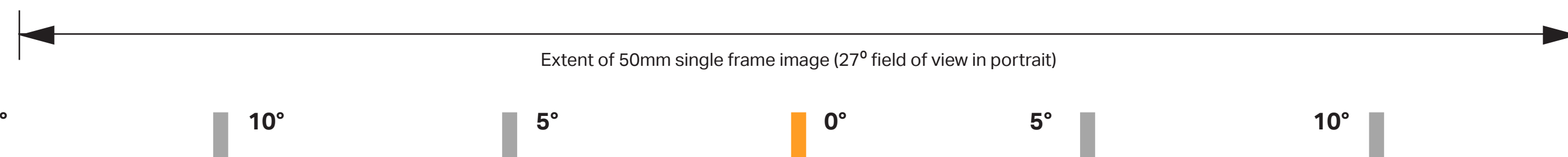
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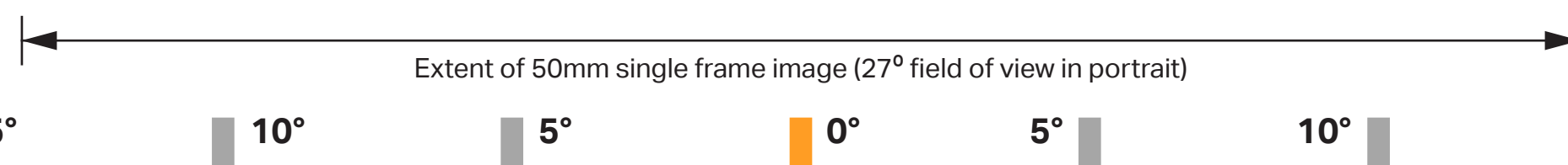
200% enlargement



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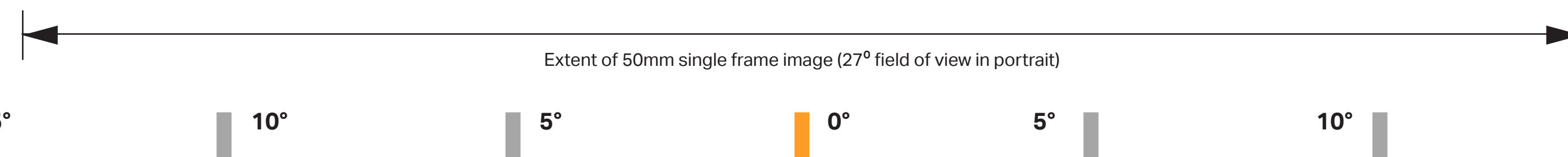
EXISTING (WINTER)



FOR CONTEXT ONLY



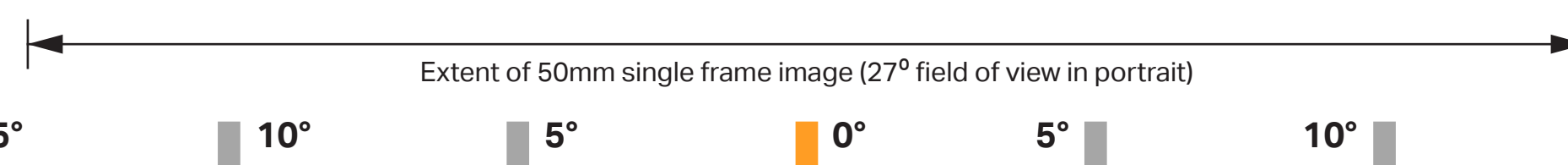
200% enlargement



FOR CONTEXT ONLY



EXISTING (WINTER)



FOR CONTEXT ONLY

