

# DOCUMENT 5.3.1.2

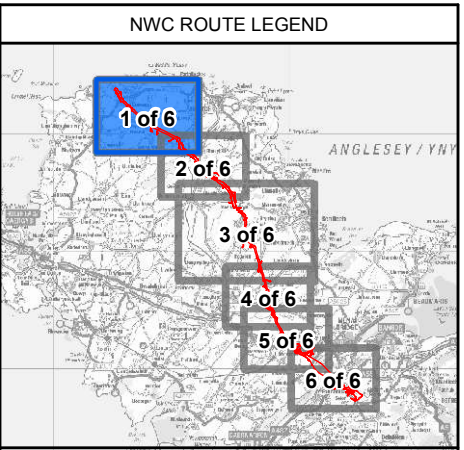
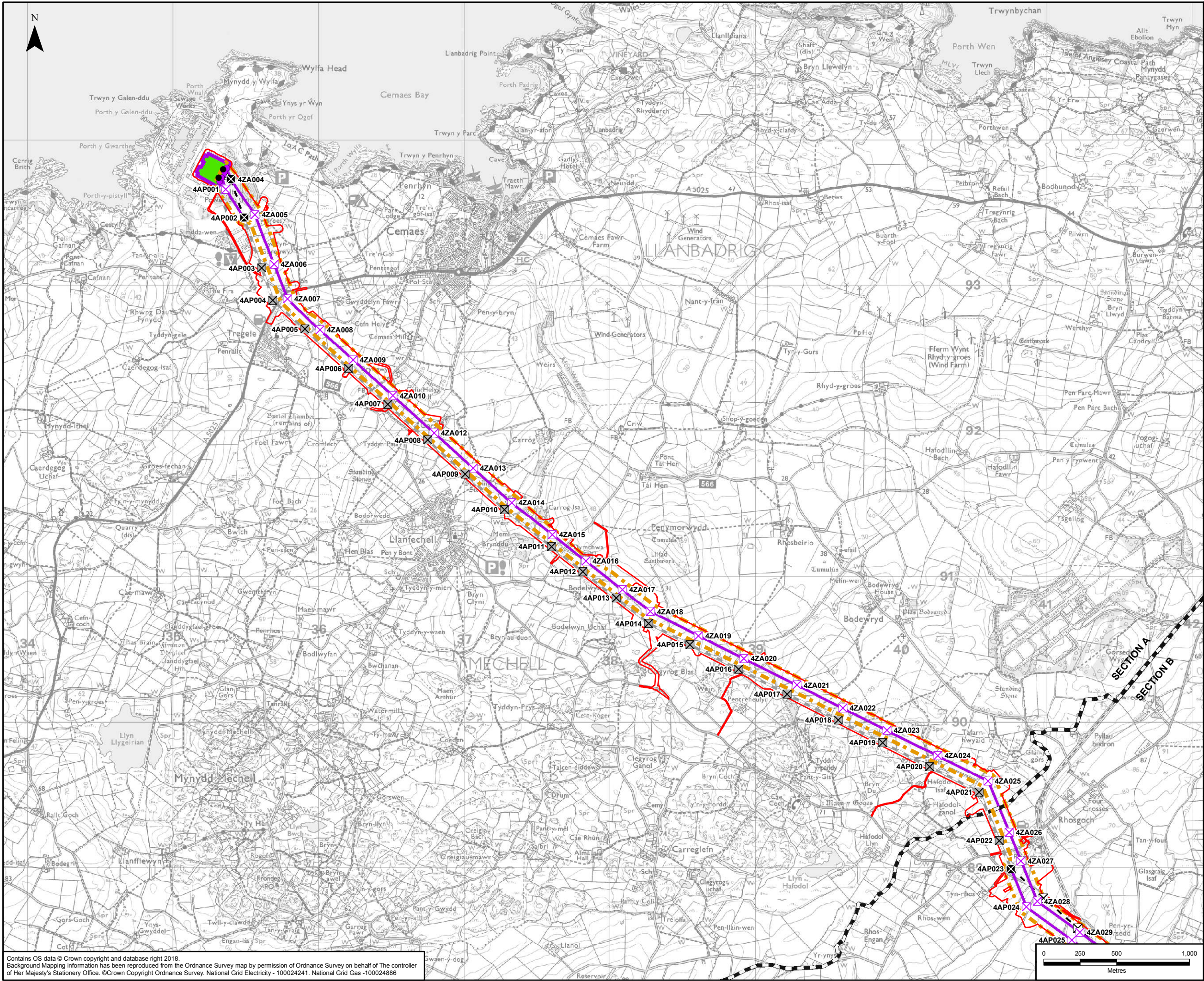
## Sections of New and Existing Overhead Line Chapter 3 – Figure 2

National Grid (North Wales Connection Project)

*Regulation 5(2)(a) including (l) and (m) of the Infrastructure Planning  
(Applications: Prescribed Forms and Procedure) Regulations 2009*







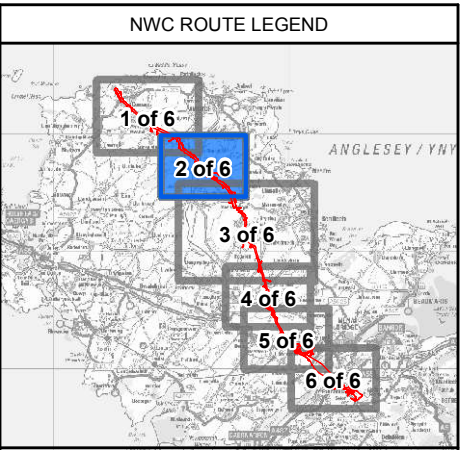
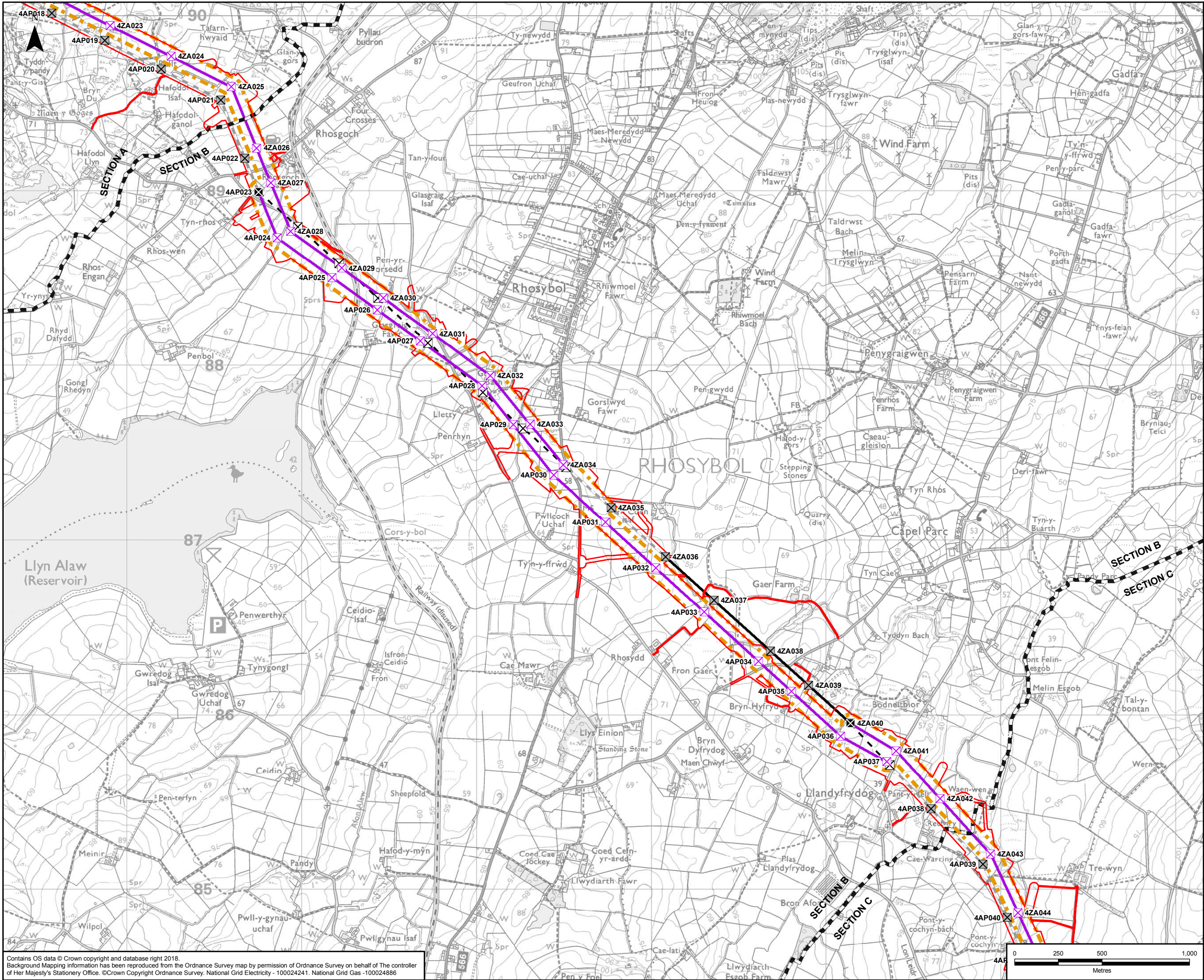
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  - ABOVE GROUND LIMITS OF DEVIATION (LOD)
  - SECTION CUTLINES
  - NEW GANTRY (FULL LINE TENSION)
  - NEW GANTRY
  - GANTRY TO BE REMOVED
  - NEW LATTICE PYLON
  - NEW LOW HEIGHT LATTICE PYLON
  - EXISTING LATTICE PYLON TO BE REMOVED
  - EXISTING LATTICE PYLON TO BE MODIFIED
  - EXISTING LATTICE PYLON NOT AFFECTED
  - NEW OVERHEAD LINE
  - EXISTING OVERHEAD LINE TO BE REMOVED
  - EXISTING OVERHEAD LINE TO BE MODIFIED
  - EXISTING OVERHEAD LINE NOT AFFECTED
  - AREA WITHIN WHICH TUNNEL HEAD HOUSE AND CABLE SEALING END COMPOUND WILL BE LOCATED
  - PROPOSED SUBSTATION EXTENSION FOOTPRINT
  - EXISTING 132KV OUTDOOR SUBSTATION
  - EXISTING NATIONAL GRID 400KV SUBSTATION FOOTPRINT

A	28/06/2018	ENVIRONMENTAL STATEMENT	JB	JF	CC
Rev	Date	Description	GIS	Chk	App
nationalgrid					
Scheme: NORTH WALES CONNECTION					
Document Number: 5.3.1.2					
Document Title: FIGURE 3.2 SECTIONS OF NEW AND EXISTING OVERHEAD LINE SECTION A					
Creator: JB	Date: 28/06/2018	Checker: JF	Date: 28/06/2018	Approver: CC	Date: 28/06/2018
Document Type: FIGURE	Scale: 1:24,000	Format: A3	Sheets: 1 of 6	Rev: A	

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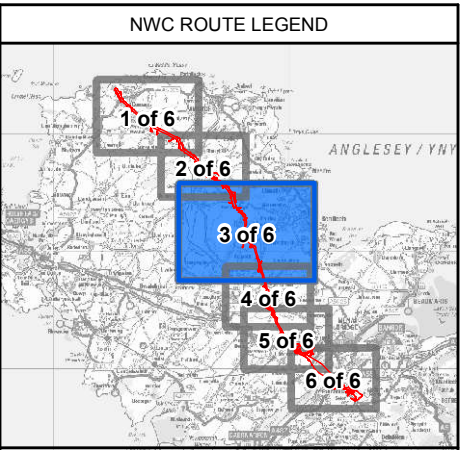
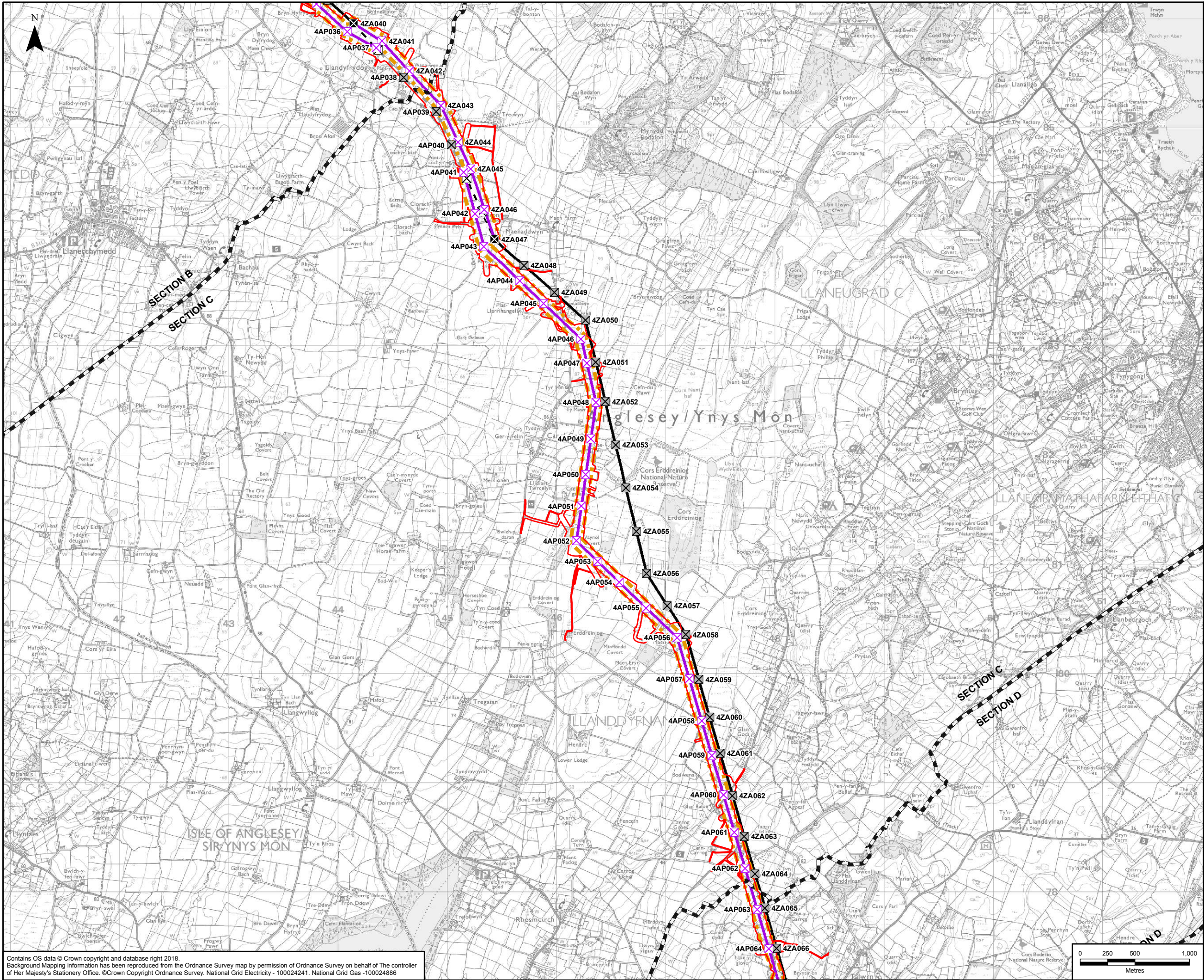
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  - NEW GANTRY (FULL LINE TENSION)
  - NEW GANTRY
  - GANTRY TO BE REMOVED
  - NEW LATTICE PYLON
  - NEW LOW HEIGHT LATTICE PYLON
  - EXISTING LATTICE PYLON TO BE REMOVED
  - EXISTING LATTICE PYLON TO BE MODIFIED
  - EXISTING LATTICE PYLON NOT AFFECTED
  - NEW OVERHEAD LINE
  - EXISTING OVERHEAD LINE TO BE REMOVED
  - EXISTING OVERHEAD LINE TO BE MODIFIED
  - EXISTING OVERHEAD LINE NOT AFFECTED
  - AREA WITHIN WHICH TUNNEL HEAD HOUSE AND CABLE SEALING END COMPOUND WILL BE LOCATED
  - PROPOSED SUBSTATION EXTENSION FOOTPRINT
  - EXISTING 132KV OUTDOOR SUBSTATION
  - EXISTING NATIONAL GRID 400KV SUBSTATION FOOTPRINT

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Rev	Date	Description	GIS	Chk	App
nationalgrid					
Scheme: NORTH WALES CONNECTION					
Document Number: 5.3.1.2					
Document Title: FIGURE 3.2 SECTIONS OF NEW AND EXISTING OVERHEAD LINE SECTION B					
Creator:	Date:	Checker:	Date:	Approver:	Date:
JB	28/06/2018	JF	28/06/2018	CC	28/06/2018
Document Type:	Scale:	Format:	Sheets:	Rev:	
FIGURE	1:20,000	A3	2 of 6	A	





- LEGEND**
- ORDER LIMITS - OPTION A
  - ABOVE GROUND LIMITS OF DEVIATION (LOD) - OPTION A
  - SECTION CUTLINES
  - NEW GANTRY (FULL LINE TENSION)
  - NEW GANTRY
  - GANTRY TO BE REMOVED
  - NEW LATTICE PYLON
  - NEW LOW HEIGHT LATTICE PYLON
  - EXISTING LATTICE PYLON TO BE REMOVED
  - EXISTING LATTICE PYLON TO BE MODIFIED
  - EXISTING LATTICE PYLON NOT AFFECTED
  - NEW OVERHEAD LINE
  - EXISTING OVERHEAD LINE TO BE REMOVED
  - EXISTING OVERHEAD LINE TO BE MODIFIED
  - EXISTING OVERHEAD LINE NOT AFFECTED
  - AREA WITHIN WHICH TUNNEL HEAD HOUSE AND CABLE SEALING END COMPOUND WILL BE LOCATED
  - PROPOSED SUBSTATION EXTENSION FOOTPRINT
  - EXISTING 132KV OUTDOOR SUBSTATION
  - EXISTING NATIONAL GRID 400KV SUBSTATION FOOTPRINT

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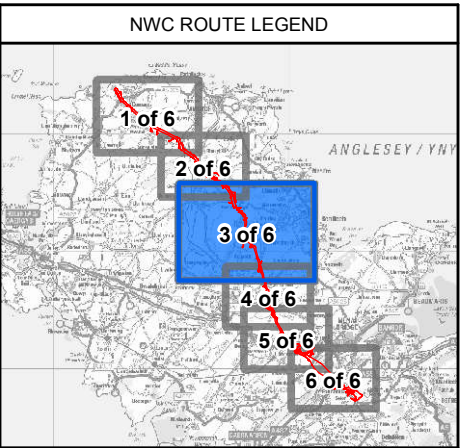
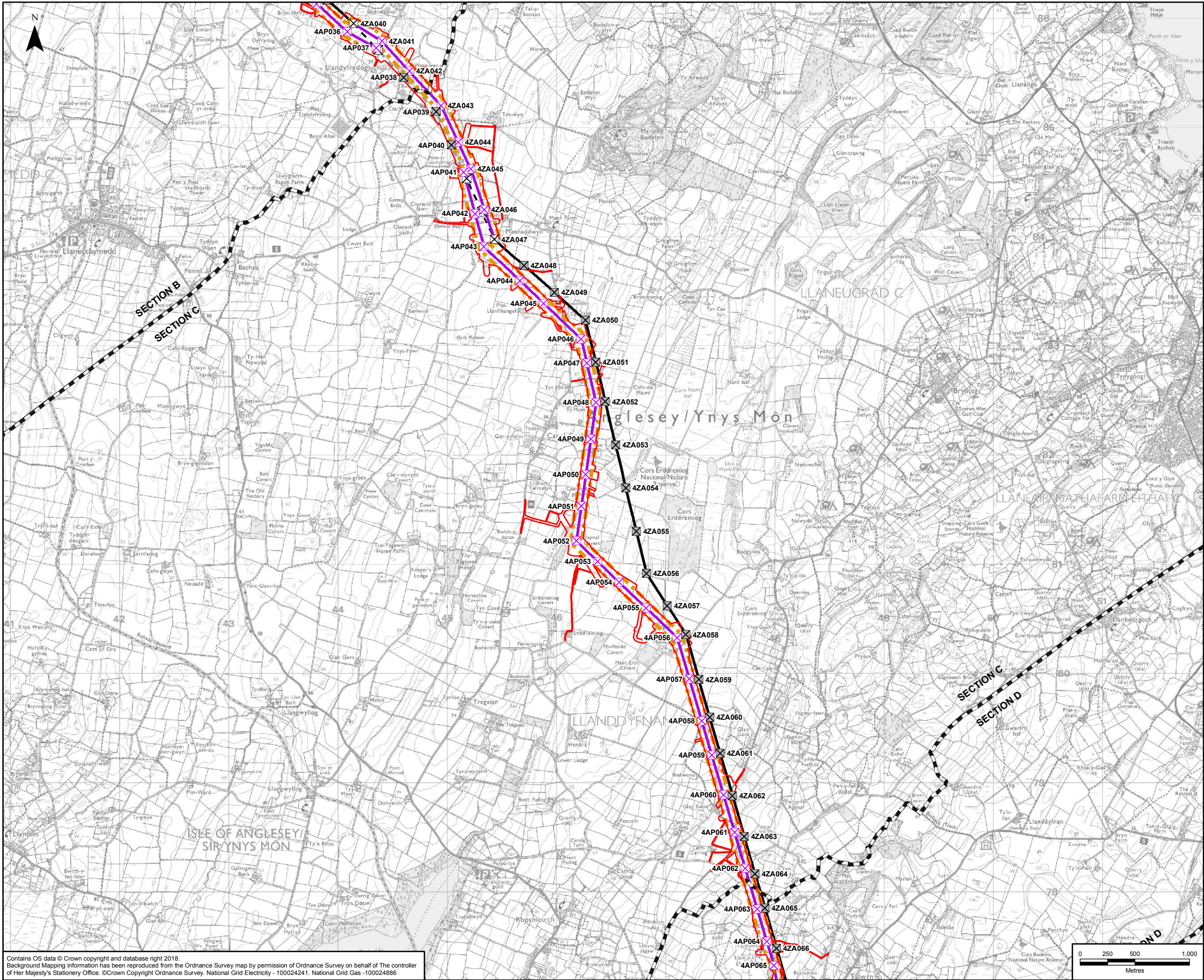
Document Title: FIGURE 3.2  
SECTIONS OF NEW AND EXISTING OVERHEAD LINE  
SECTION C OPTION A

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JB	28/06/2018	JF	28/06/2018	CC	28/06/2018
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FIGURE	1:32,000	A3	3 of 6 Option A	A	

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- LEGEND**
- ORDER LIMITS - OPTION B
  - ABOVE GROUND LIMITS OF DEVIATION (LOD) - OPTION B
  - SECTION CUTLINES
  - NEW GANTRY (FULL LINE TENSION)
  - NEW GANTRY
  - GANTRY TO BE REMOVED
  - NEW LATTICE Pylon
  - NEW LOW HEIGHT LATTICE Pylon
  - EXISTING LATTICE Pylon TO BE REMOVED
  - EXISTING LATTICE Pylon TO BE MODIFIED
  - EXISTING LATTICE Pylon NOT AFFECTED
  - NEW OVERHEAD LINE
  - EXISTING OVERHEAD LINE TO BE REMOVED
  - EXISTING OVERHEAD LINE TO BE MODIFIED
  - EXISTING OVERHEAD LINE NOT AFFECTED
  - AREA WITHIN WHICH TUNNEL HEAD HOUSE AND CABLE SEALING END COMPOUND WILL BE LOCATED
  - PROPOSED SUBSTATION EXTENSION FOOTPRINT
  - EXISTING 132KV OUTDOOR SUBSTATION
  - EXISTING NATIONAL GRID 400KV SUBSTATION FOOTPRINT

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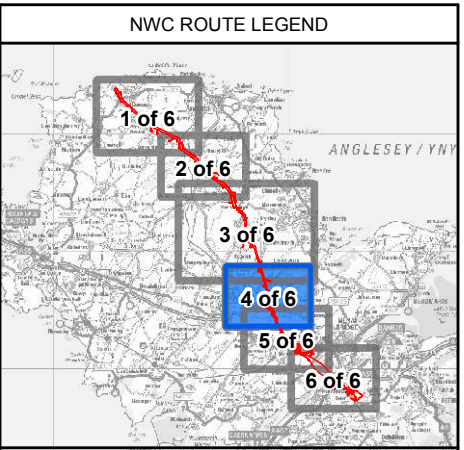
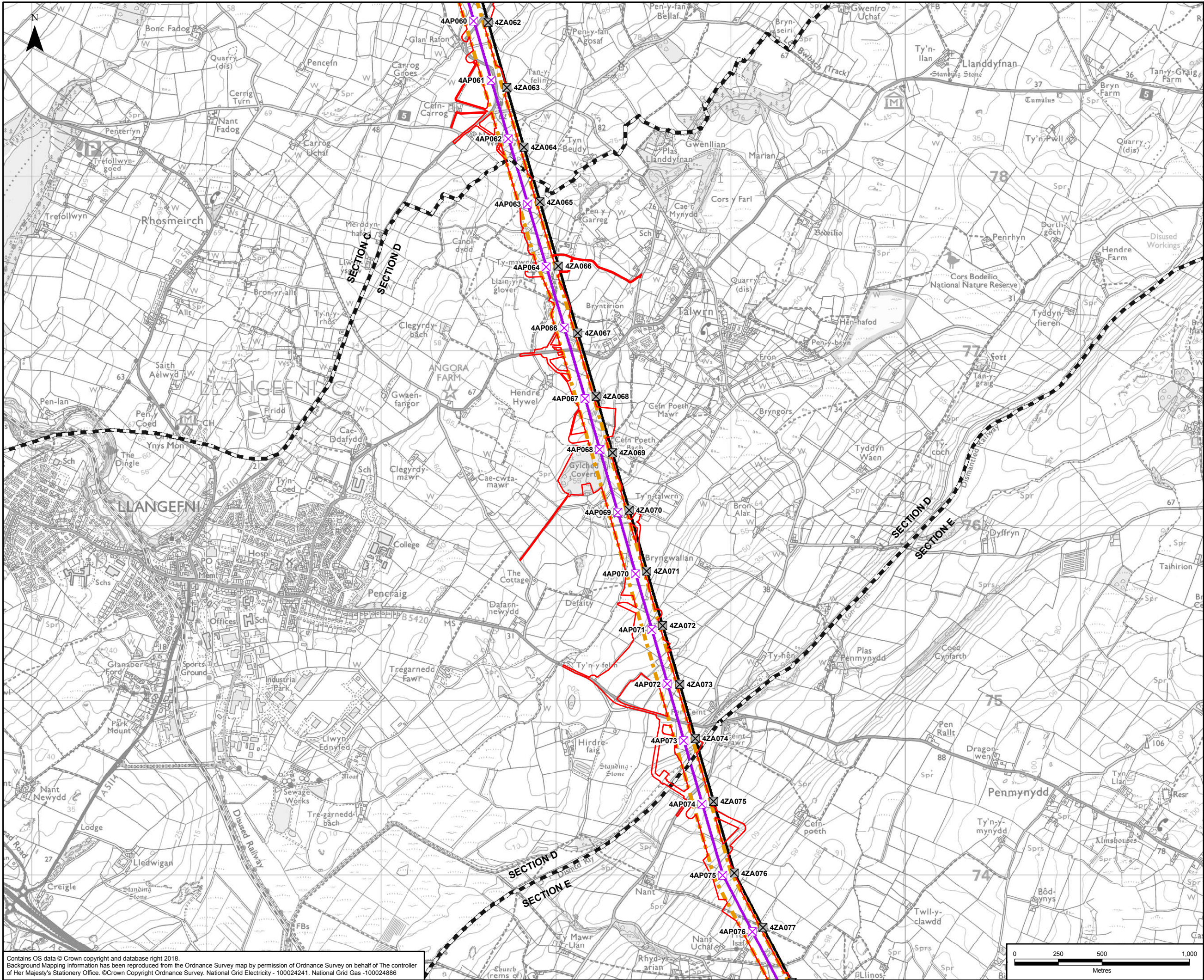
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SECTIONS OF NEW AND EXISTING OVERHEAD LINE  
SECTION C OPTION B

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JB	28/06/2018	JF	28/06/2018	CC	28/06/2018
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FIGURE	1:32,000	A3	3 of 6 Option B	A	

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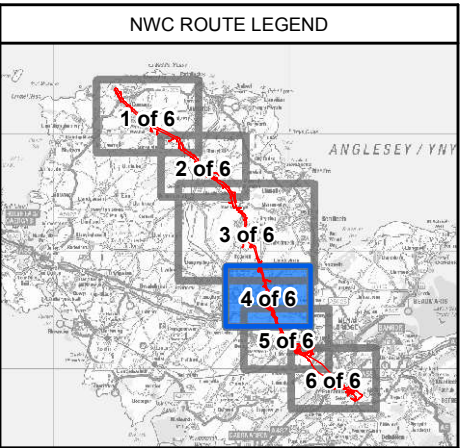
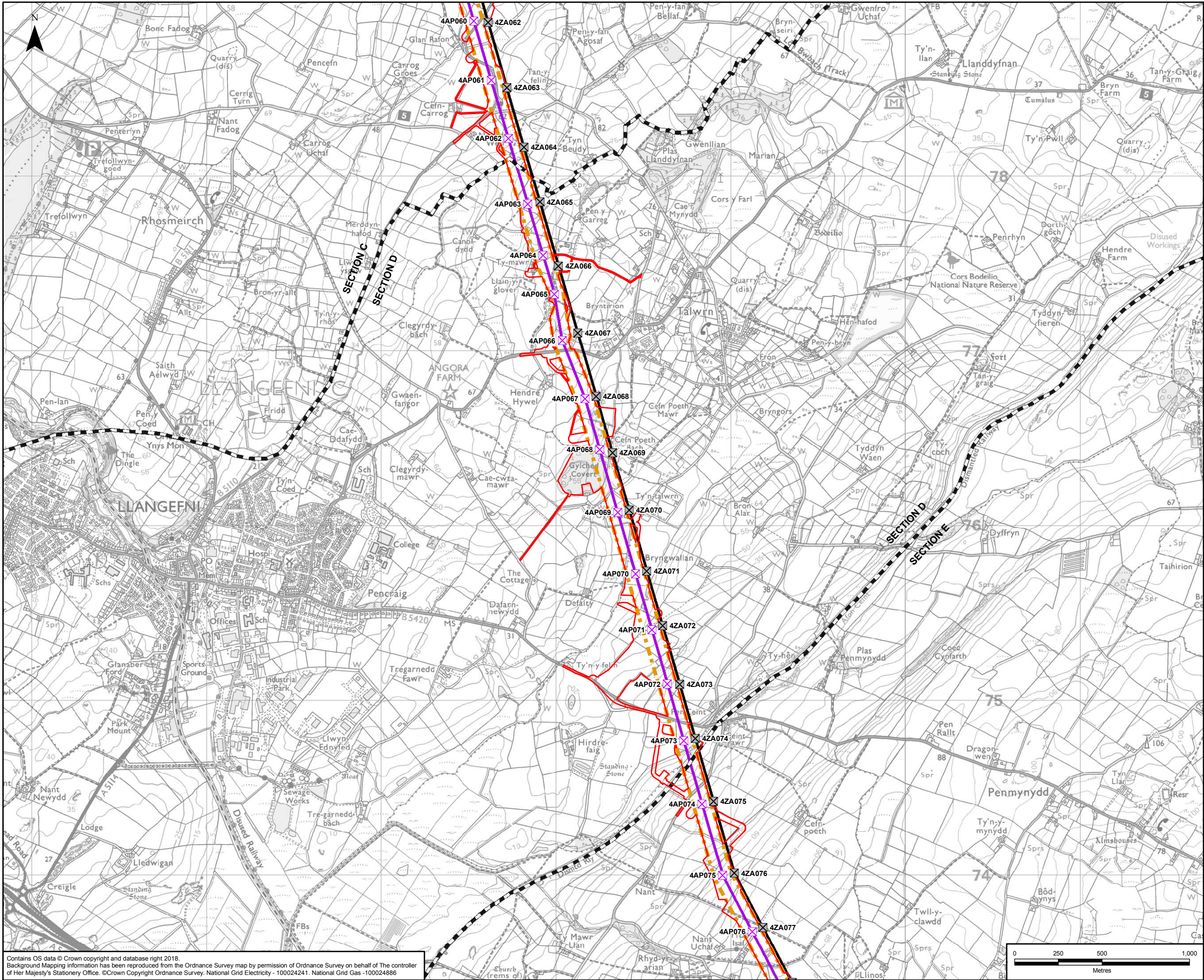


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  - NEW GANTRY (FULL LINE TENSION)
  - NEW GANTRY
  - GANTRY TO BE REMOVED
  - NEW LATTICE PYLON
  - NEW LOW HEIGHT LATTICE PYLON
  - EXISTING LATTICE PYLON TO BE REMOVED
  - EXISTING LATTICE PYLON TO BE MODIFIED
  - EXISTING LATTICE PYLON NOT AFFECTED
  - NEW OVERHEAD LINE
  - EXISTING OVERHEAD LINE TO BE REMOVED
  - EXISTING OVERHEAD LINE TO BE MODIFIED
  - EXISTING OVERHEAD LINE NOT AFFECTED
  - AREA WITHIN WHICH TUNNEL HEAD HOUSE AND CABLE SEALING END COMPOUND WILL BE LOCATED
  - PROPOSED SUBSTATION EXTENSION FOOTPRINT
  - EXISTING 132KV OUTDOOR SUBSTATION
  - EXISTING NATIONAL GRID 400KV SUBSTATION FOOTPRINT

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Scheme: NORTH WALES CONNECTION					
Document Number: 5.3.1.2					
Document Title: FIGURE 3.2 SECTIONS OF NEW AND EXISTING OVERHEAD LINE SECTION D OPTION A					
Creator: JB	Date: 28/06/2018	Checker: JF	Date: 28/06/2018	Approver: CC	Date: 28/06/2018
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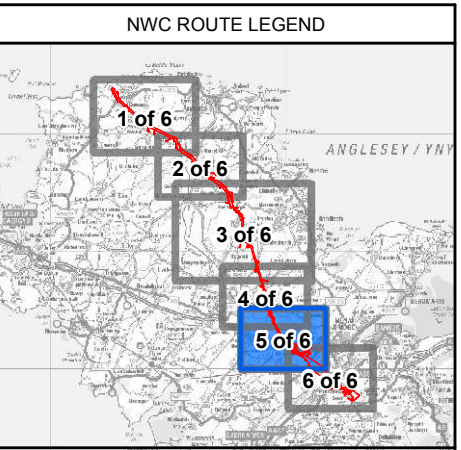
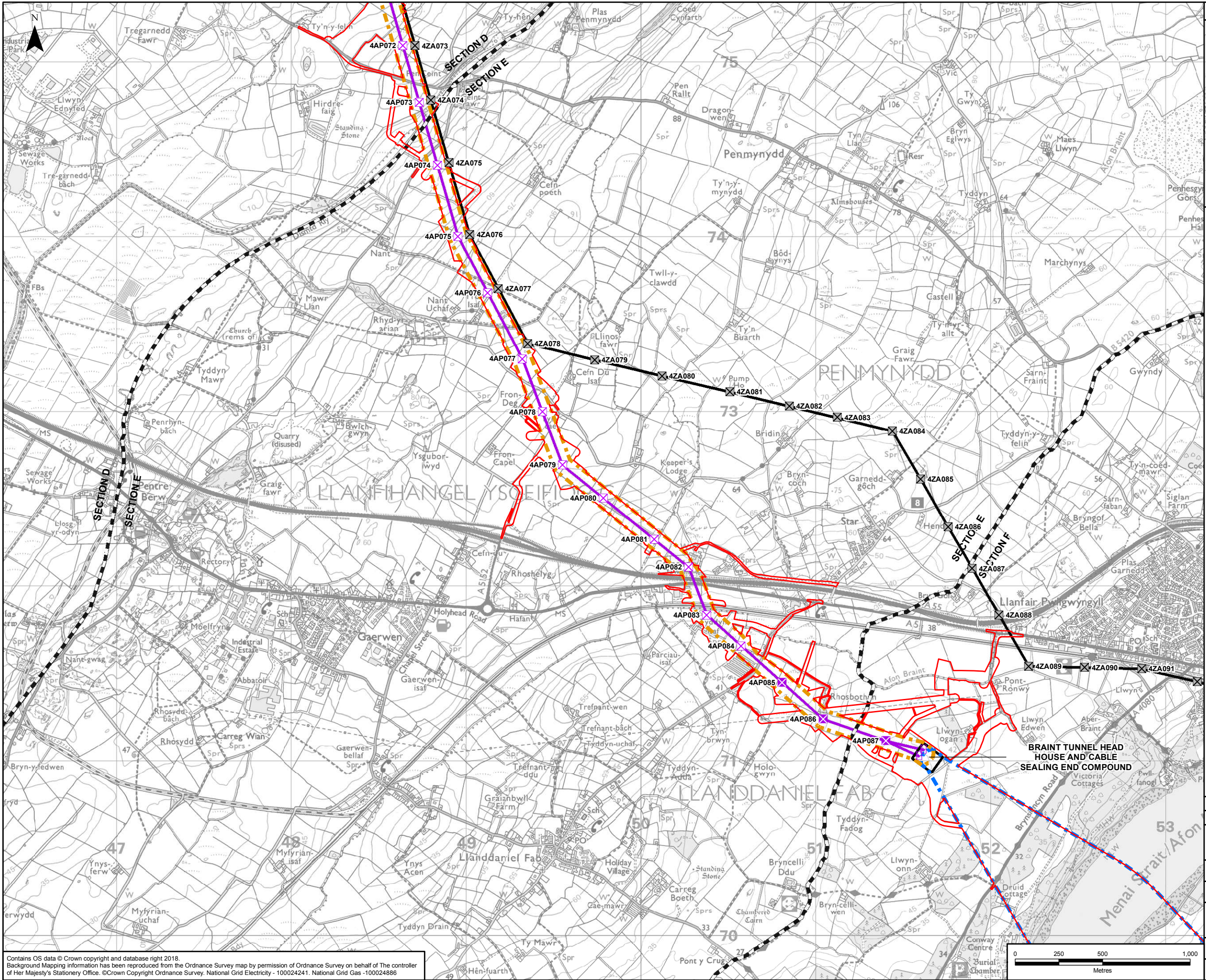


- LEGEND**
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  - ABOVE GROUND LIMITS OF DEVIATION (LOD) - OPTION B
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  - GANTRY TO BE REMOVED
  - NEW LATTICE PYLON
  - NEW LOW HEIGHT LATTICE PYLON
  - EXISTING LATTICE PYLON TO BE REMOVED
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  - EXISTING LATTICE PYLON NOT AFFECTED
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Document Type: FIGURE	Scale: 1:20,000	Format: A3	Sheets: 4 of 6 Option B	Rev: A	

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**LEGEND**

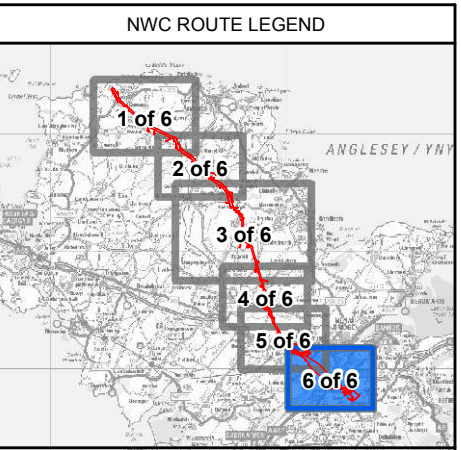
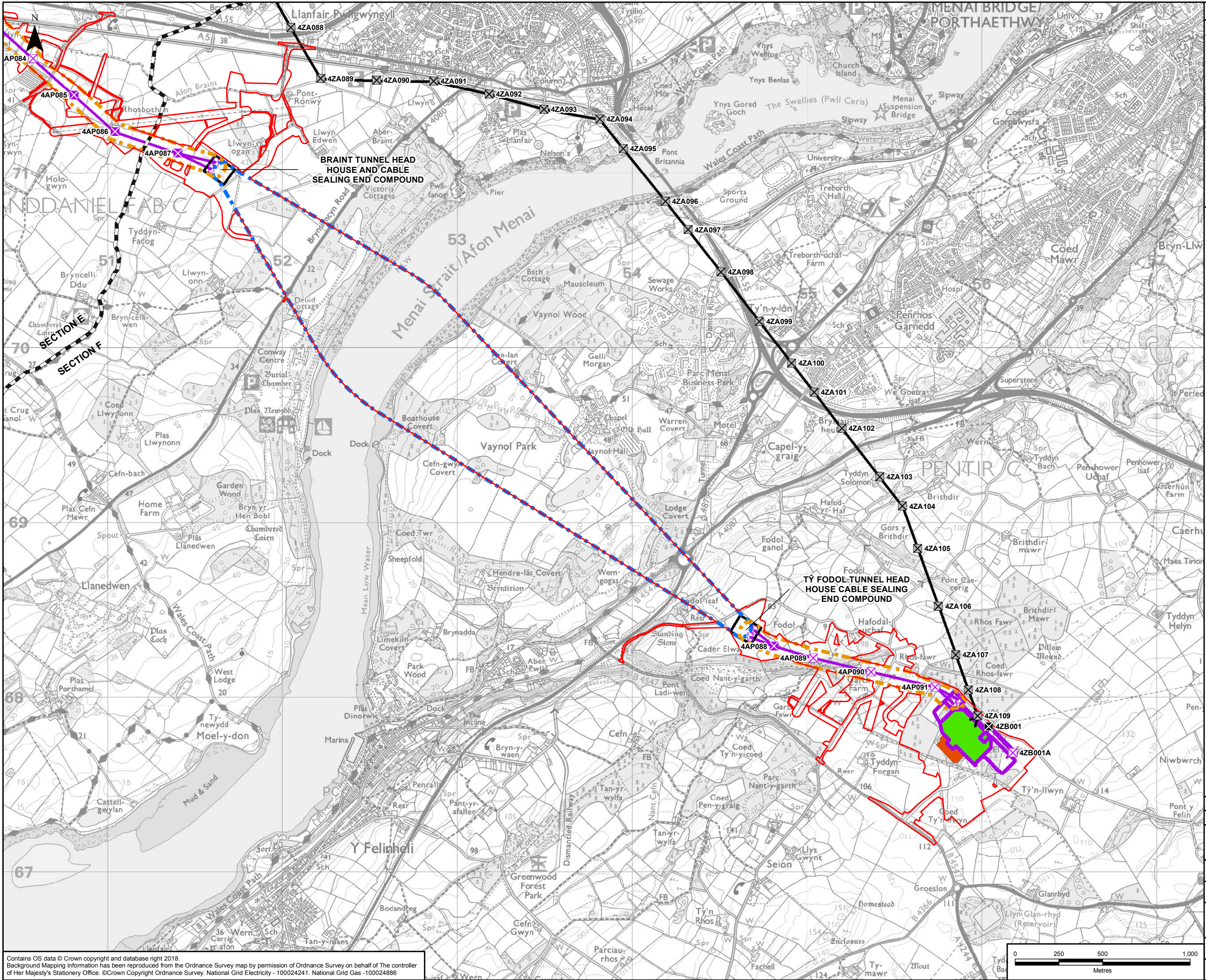
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- BELOW GROUND LOD
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- NEW GENTRY (FULL LINE TENSION)
- NEW GENTRY
- GENTRY TO BE REMOVED
- NEW LATTICE PYLON
- NEW LOW HEIGHT LATTICE PYLON
- EXISTING LATTICE PYLON TO BE REMOVED
- EXISTING LATTICE PYLON TO BE MODIFIED
- EXISTING LATTICE PYLON NOT AFFECTED
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nationalgrid					
Scheme: NORTH WALES CONNECTION					
Document Number: 5.3.1.2					
Document Title: FIGURE 3.2 SECTIONS OF NEW AND EXISTING OVERHEAD LINE SECTION E					
Creator: JB	Date: 28/06/2018	Checker: JF	Date: 28/06/2018	Approver: CC	Date: 28/06/2018
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- LEGEND**
- ORDER LIMITS
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  - BELOW GROUND LOD
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  - NEW GANTRY (FULL LINE TENSION)
  - NEW GANTRY
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Scheme: NORTH WALES CONNECTION					
Document Number: 5.3.1.2					
Document Title: FIGURE 3.2 SECTIONS OF NEW AND EXISTING OVERHEAD LINE SECTION F					
Creator: JB	Date: 28/06/2018	Checker: JF	Date: 28/06/2018	Approver: CC	Date: 28/06/2018
Document Type: FIGURE	Scale: 1:20,000	Format: A3	Sheets: 6 of 6	Rev: A	

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