

YG-DCO-032-5.4.3

Yorkshire Green Energy Enablement (GREEN) Project

Volume 5

Document 5.4.3 ES Chapter 3 Description of the Project - Figures

Final Issue A

November 2022

Planning Inspectorate Reference: EN020024

Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 Regulation 5(2)(a)

nationalgrid

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Yorkshire GREEN

Document Control

Version history

Date	Version	Status	Description/changes
01/11/2022	A	Final	First Issue



National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.1 Section A: Osbaldwick Substation

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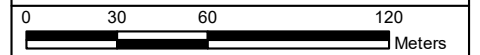
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- Existing Gantry - Not Affected
- ⊗ Existing Gantry - To be Dismantled
- ⊗ Indicative New Gantry
- Bellmouth
- Trackway
- Existing Track
- Pylon Working Areas
- Access Swathes

Notes

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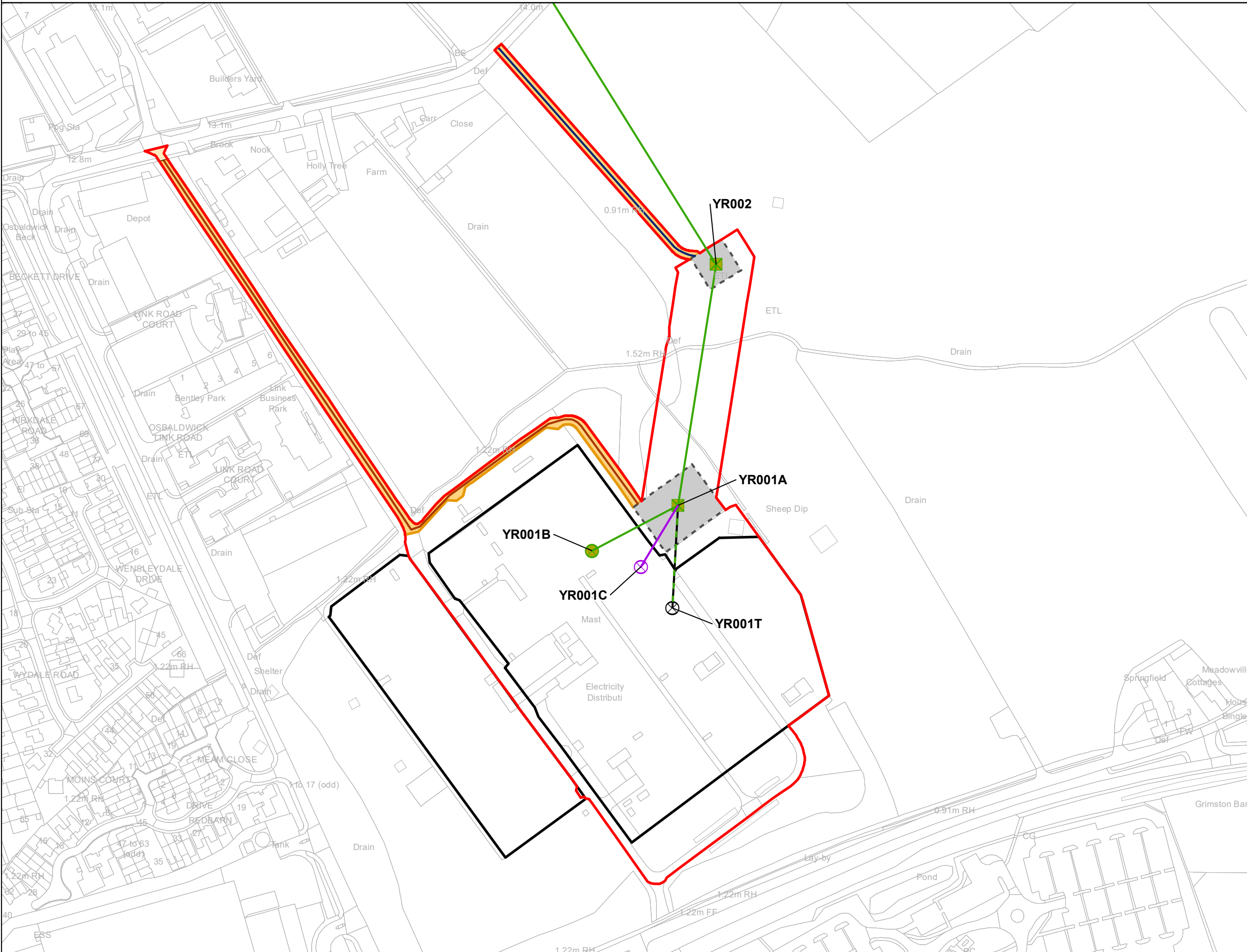
**5.4.3, ES CHAPTER 3,
 DESCRIPTION OF THE
 PROJECT FIGURES
 FIGURE 3.1 SECTION A:
 OSBALDWICK SUBSTATION**



Figure Number: FIGURE 3.1

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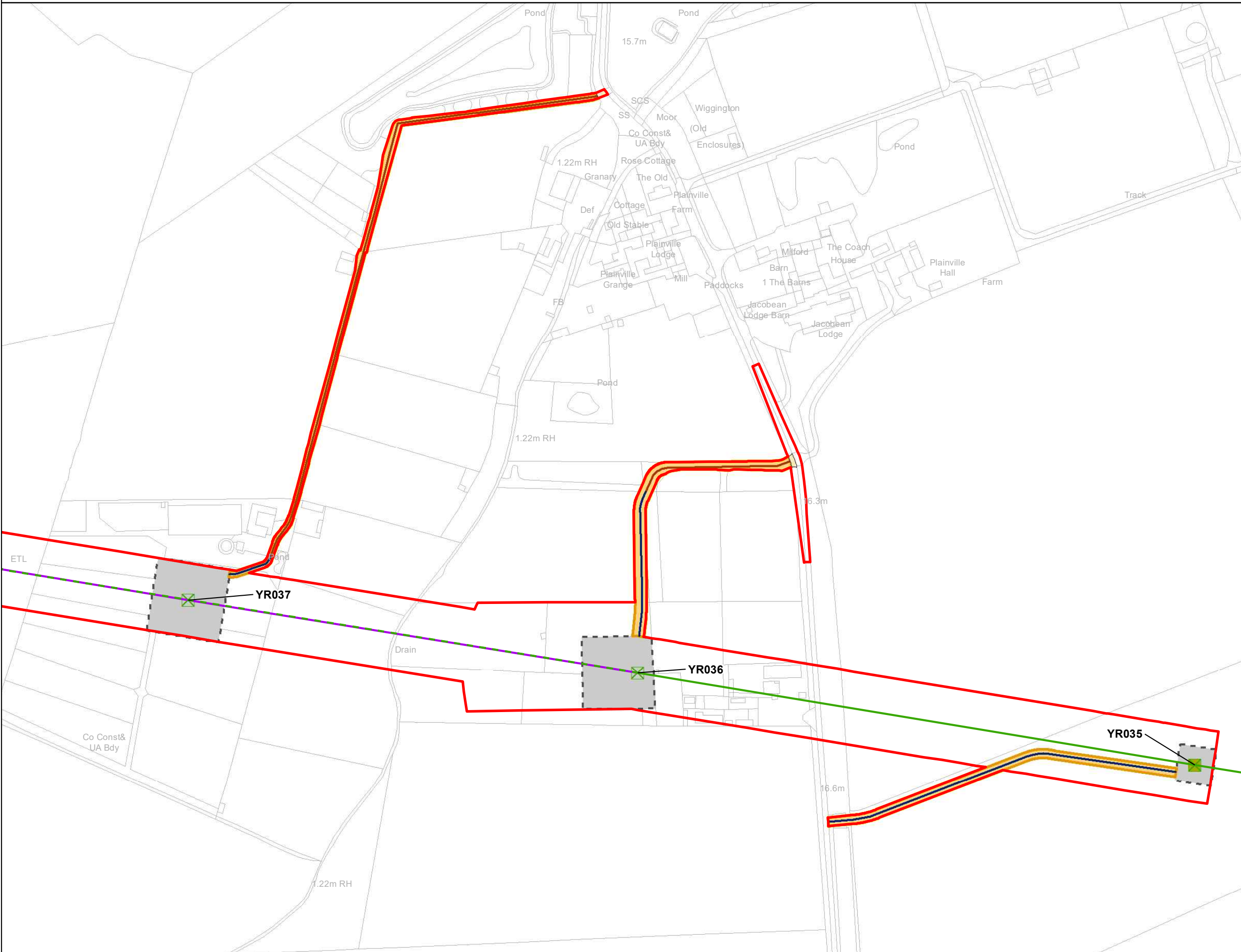




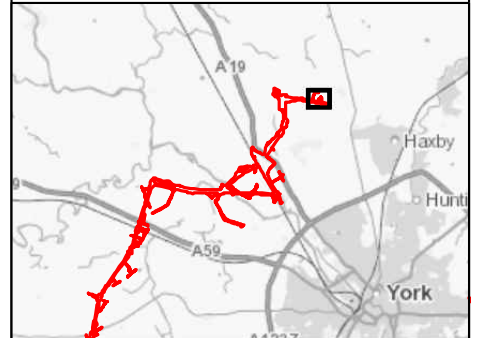
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 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.2 Section B: North west of York Area

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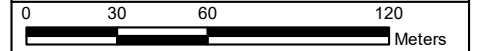
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- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas



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Title
 5.4.3, ES CHAPTER 3
 DESCRIPTION OF THE
 PROJECT FIGURES
 FIGURE 3.2
 SECTION B: NORTH WEST
 OF YORK AREA



Figure Number
 FIGURE 3.2












Drawing Reference
 806503-WOOD-0285

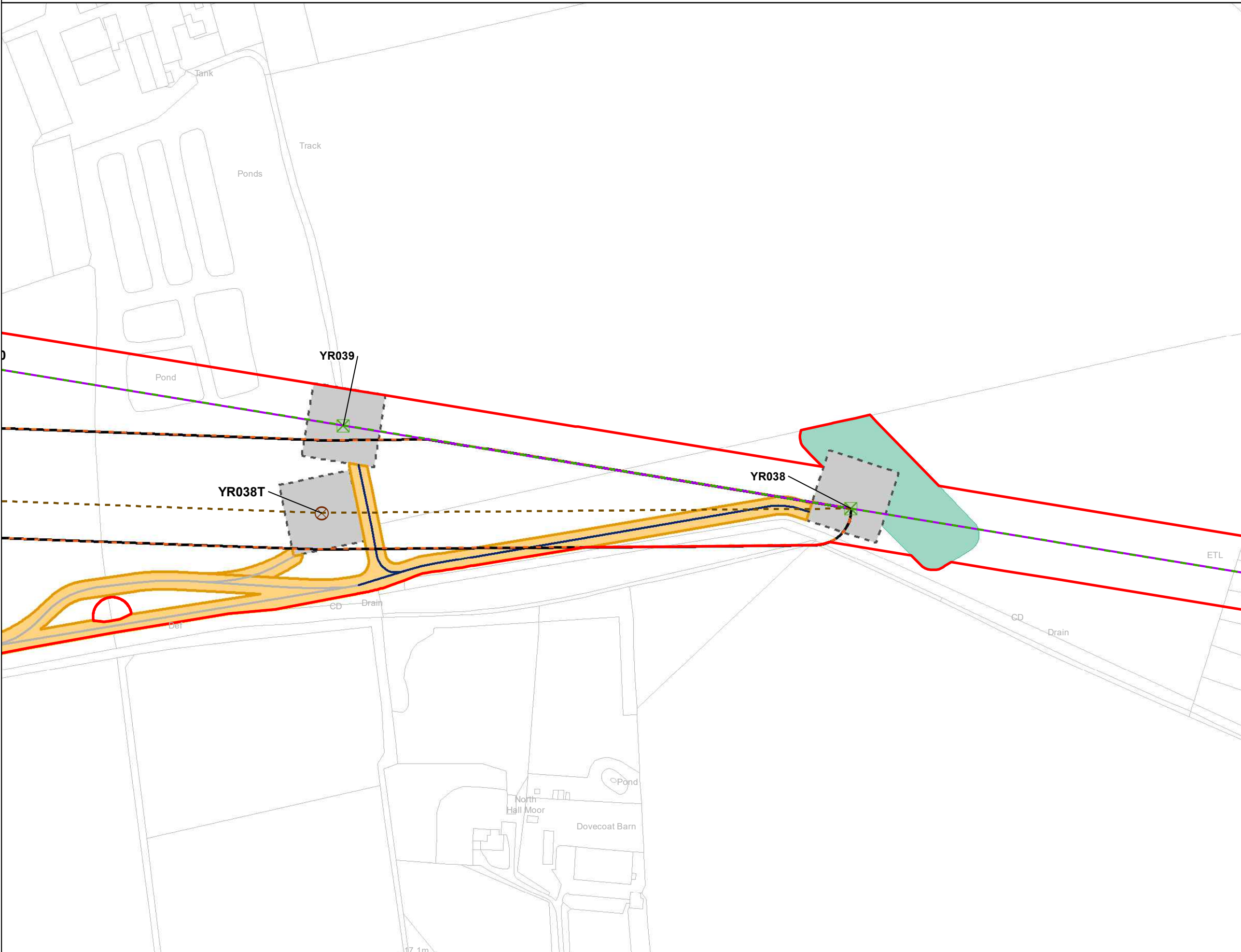
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 Figure 3.2 Section B: North west of York Area

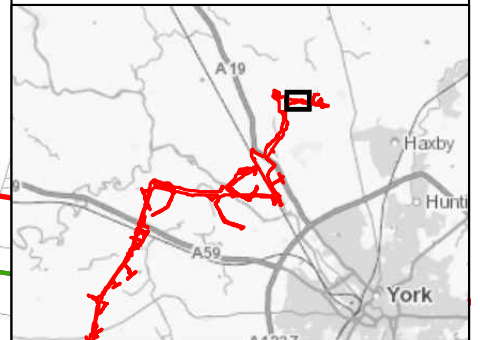
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-  Temporary Overhead Line
-  Existing Overhead Line - To be Reconductored
-  Indicative Temporary Pylon or Mast
-  Existing Lattice Pylon - To be Modified
-  Limits of Deviation
-  Stone
-  Trackway
-  Access Swathes
-  Pylon Working Areas
-  Indicative Third Party Limits of Deviation

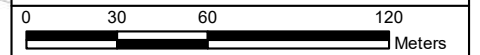


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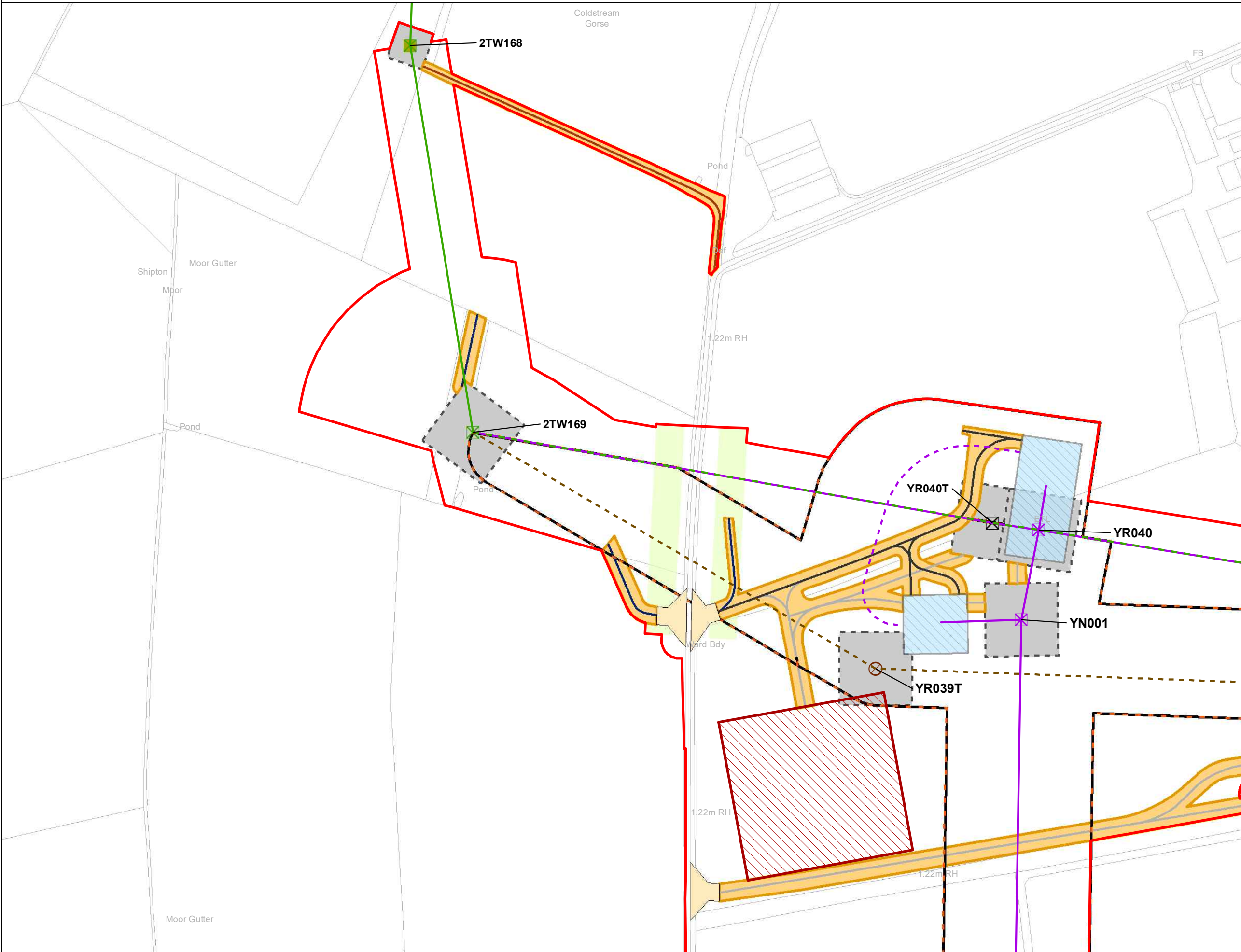
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National Grid (Yorkshire Green Energy Enablement Project) Order
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 Figure 3.2 Section B: North west of York Area

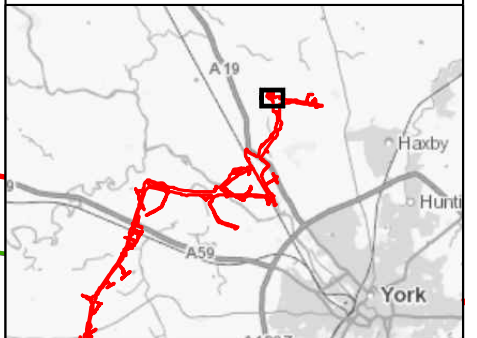


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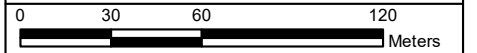
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- New Build Underground Cable
- Temporary Overhead Line
- Existing Overhead Line - Not Affected
- Existing Overhead Line - To be Reconductored
- Indicative Construction Compounds
- Indicative New Lattice Pylon
- Indicative Temporary Pylon or Mast
- Indicative CSEC area
- Bellmouth
- Existing Lattice Pylon - To be Modified
- Existing Lattice Pylon - Not Affected
- Existing Lattice Pylon - To be Dismantled
- Limits of Deviation
- Black top (Permanent)
- Stone
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas
- Indicative Crossing Protection

Notes

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 SECTION B: NORTH WEST
 OF YORK AREA



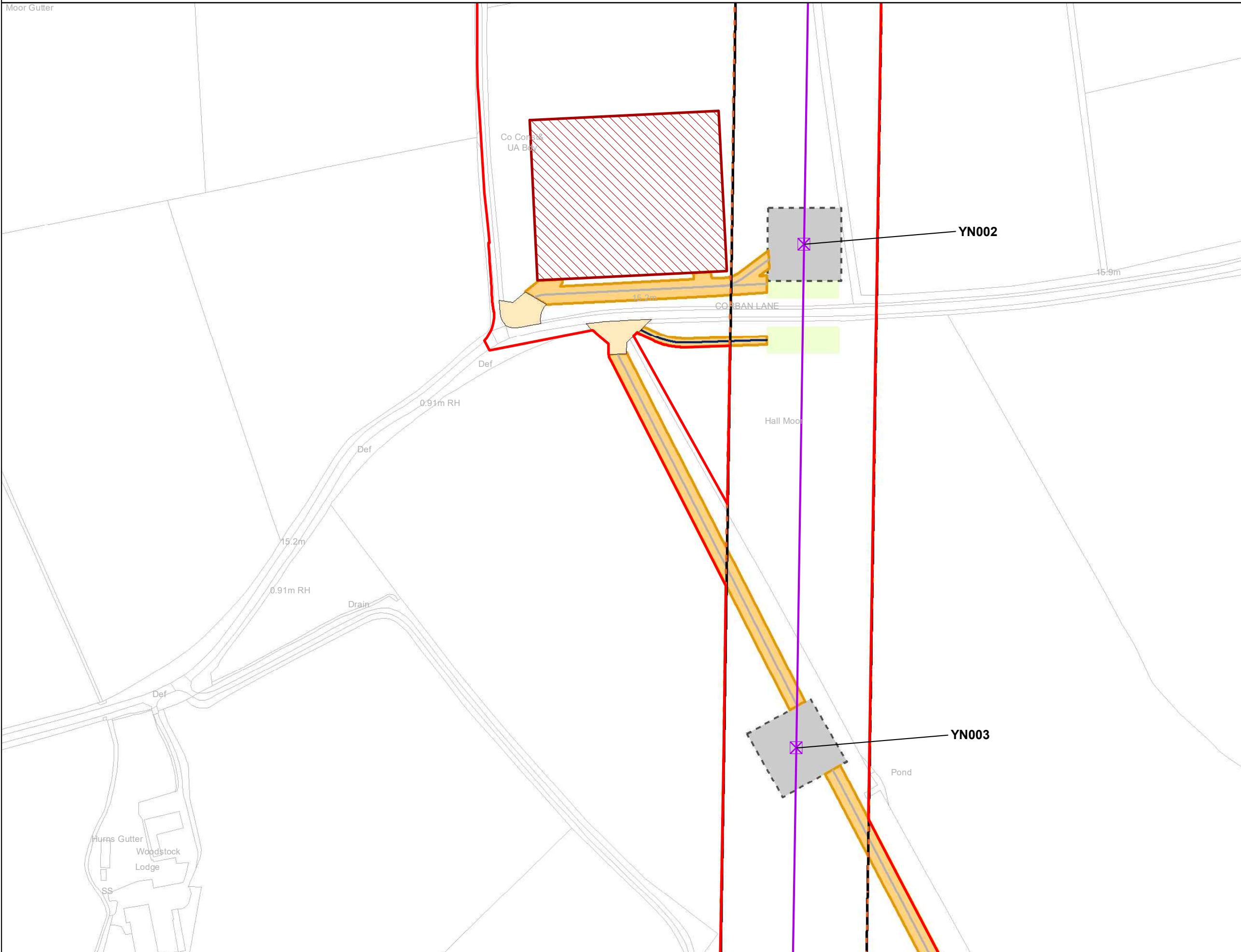
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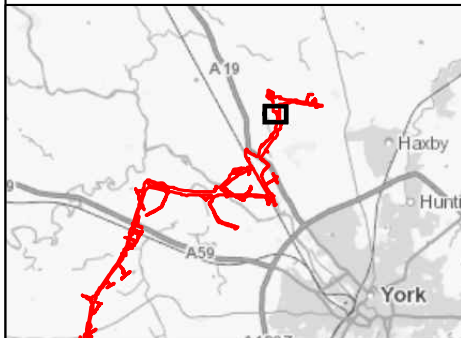


National Grid (Yorkshire Green Energy Enablement Project) Order
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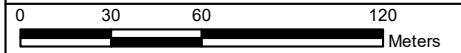


- Legend**
- Order Limits
 - Indicative New Overhead Line
 - Indicative Construction Compounds
 - Indicative New Lattice Pylon
 - Bellmouth
 - Limits of Deviation
 - Stone
 - Trackway
 - Access Swathes
 - Pylon Working Areas
 - Indicative Crossing Protection

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 OF YORK AREA












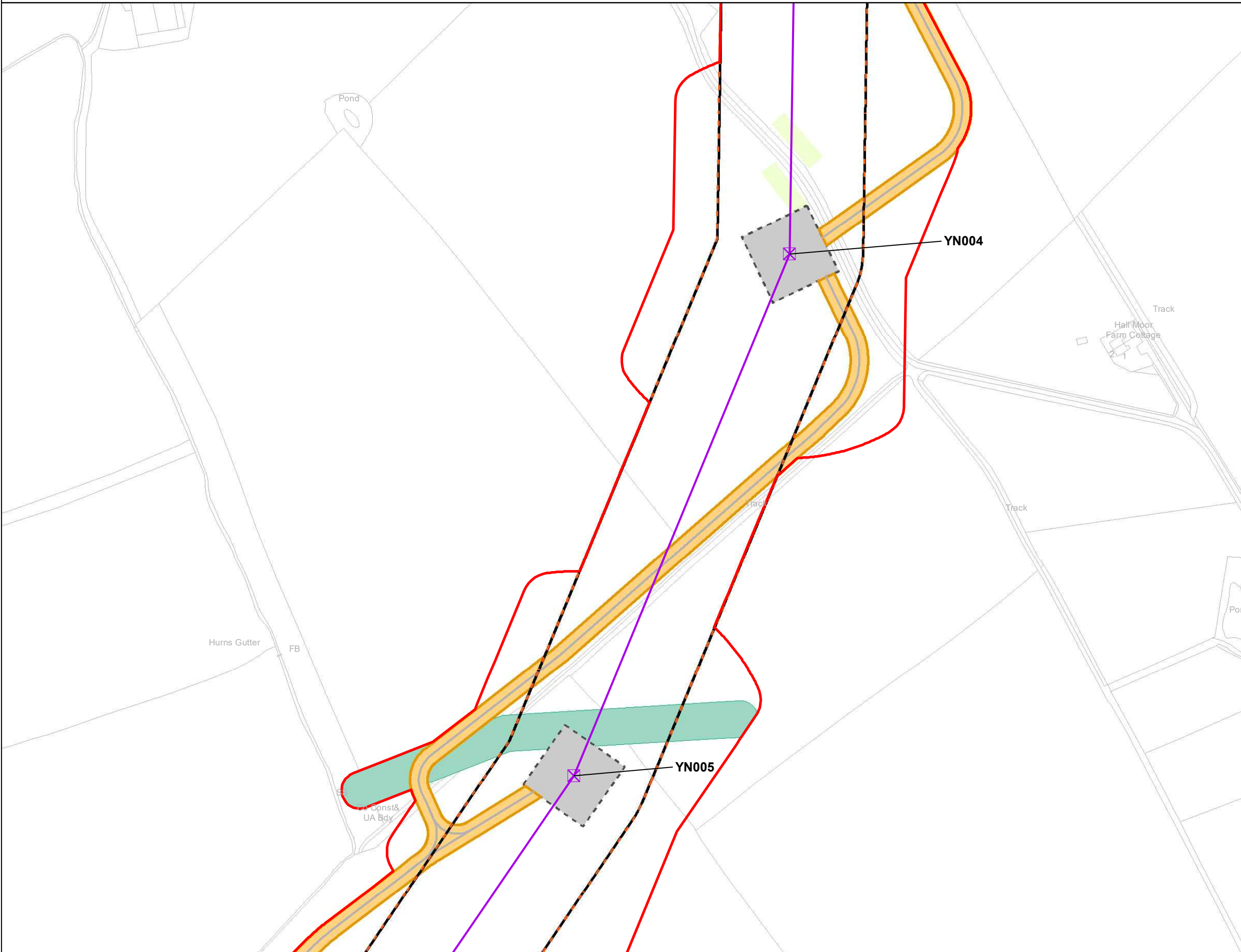
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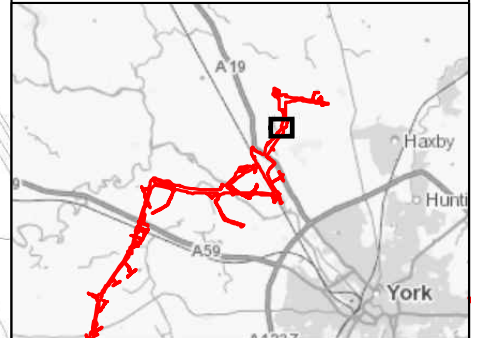
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-  Stone
-  Access Swathes
-  Pylon Working Areas
-  Indicative Third Party Limits of Deviation
-  Indicative Crossing Protection

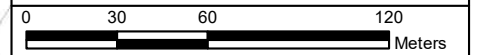


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 FIGURE 3.2
 SECTION B: NORTH WEST
 OF YORK AREA













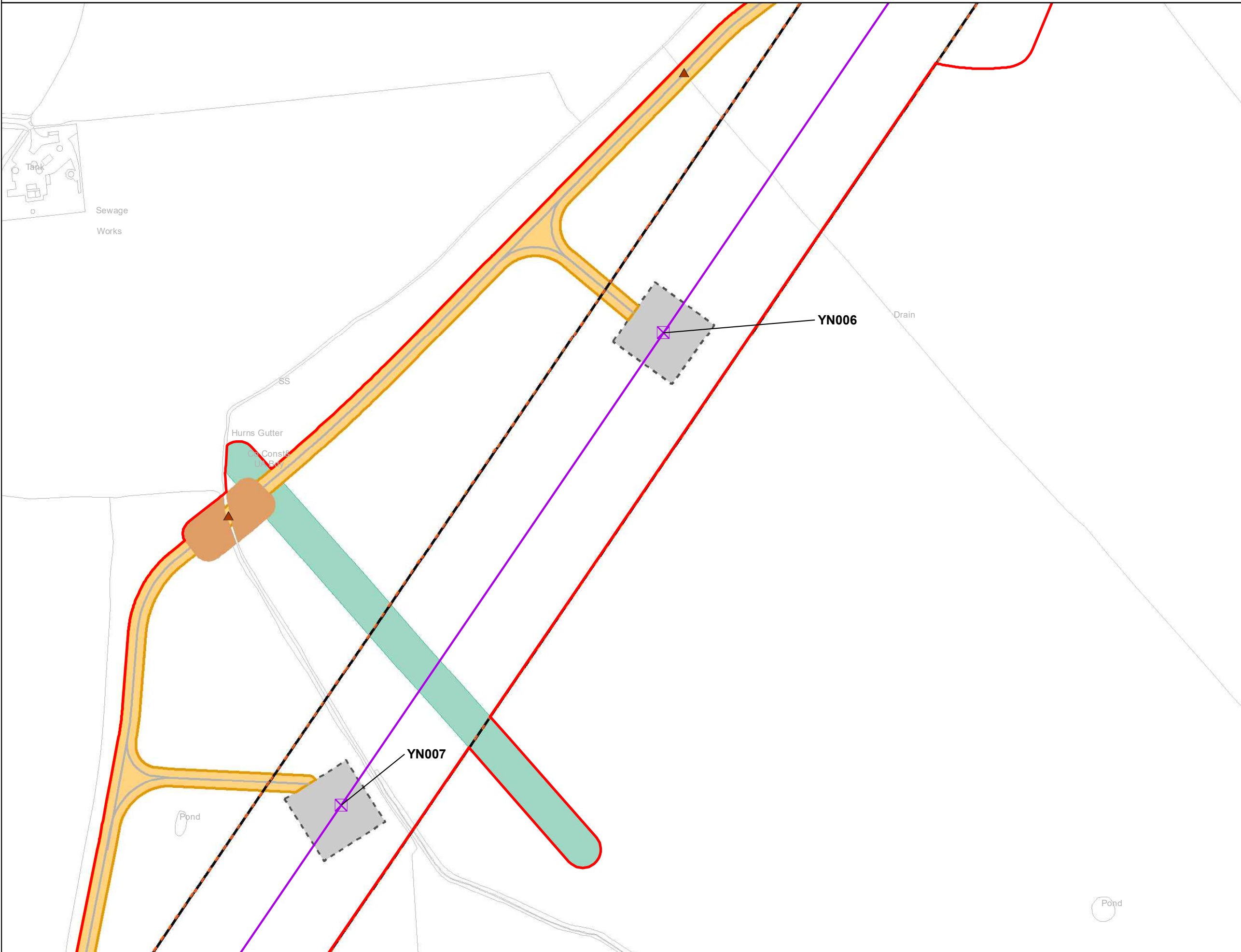
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 Figure 3.2 Section B: North west of York Area

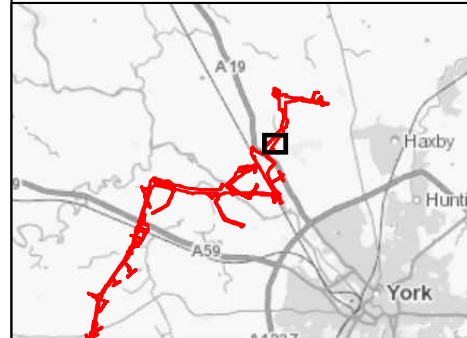
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-  Culvert / bridge
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-  Limits of Deviation
-  Stone
-  Access Swathes
-  Pylon Working Areas
-  Indicative Third Party Limits of Deviation

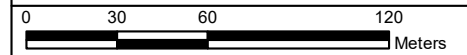


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 OF YORK AREA



Figure Number
 FIGURE 3.2

Drawing Reference
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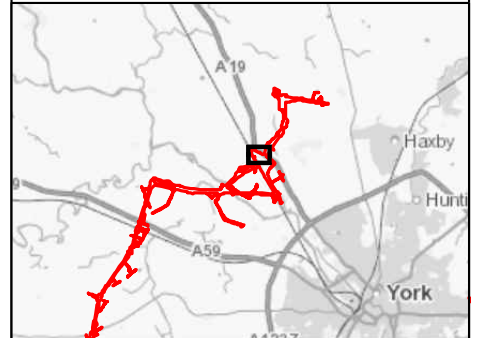
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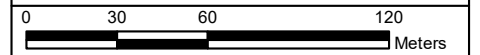
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- Indicative New Gantry
- Indicative New Full Line Tension Gantry
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- Limits of Deviation
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- Trackway
- Access Swathes
- Pylon Working Areas
- Indicative Crossing Protection

Notes

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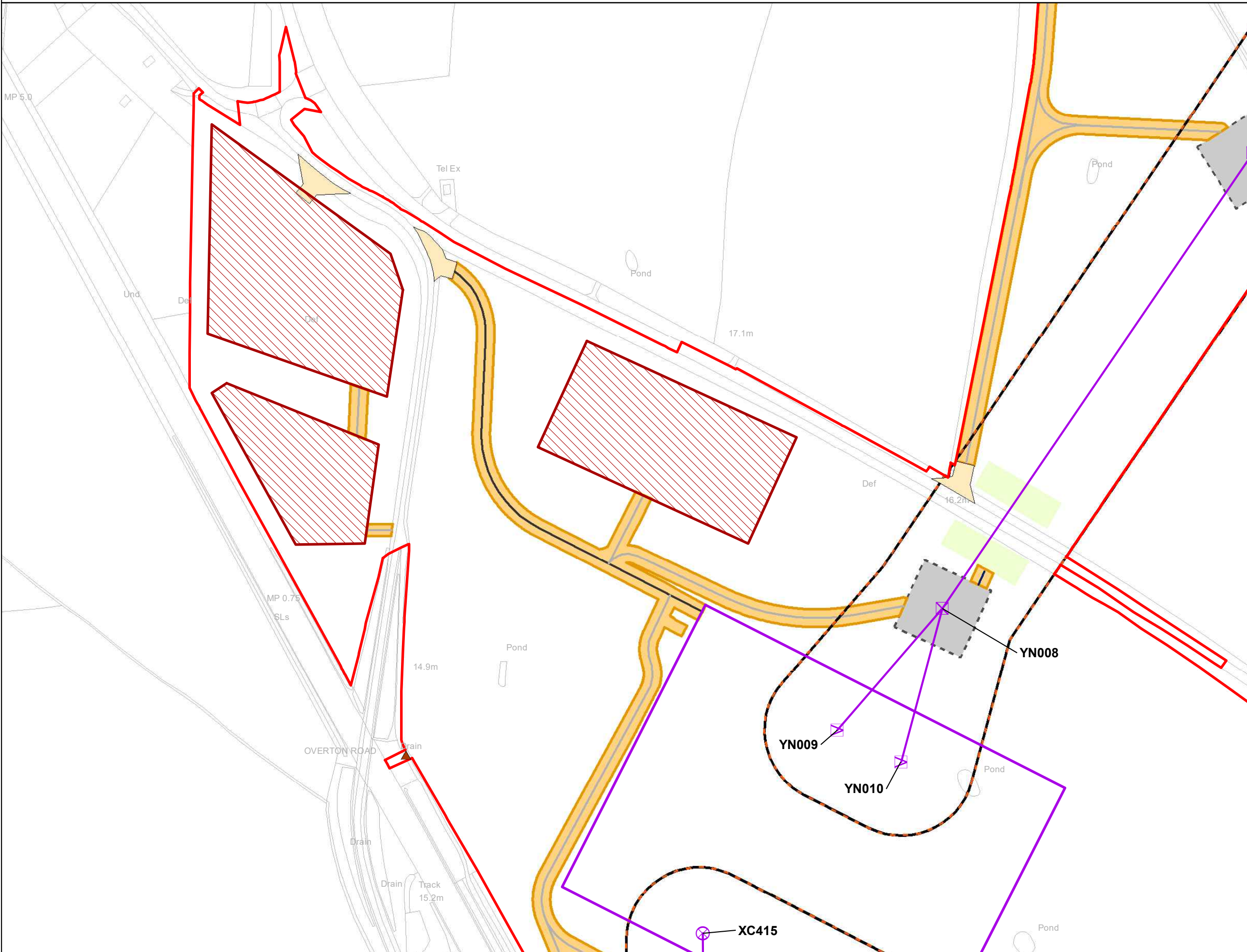
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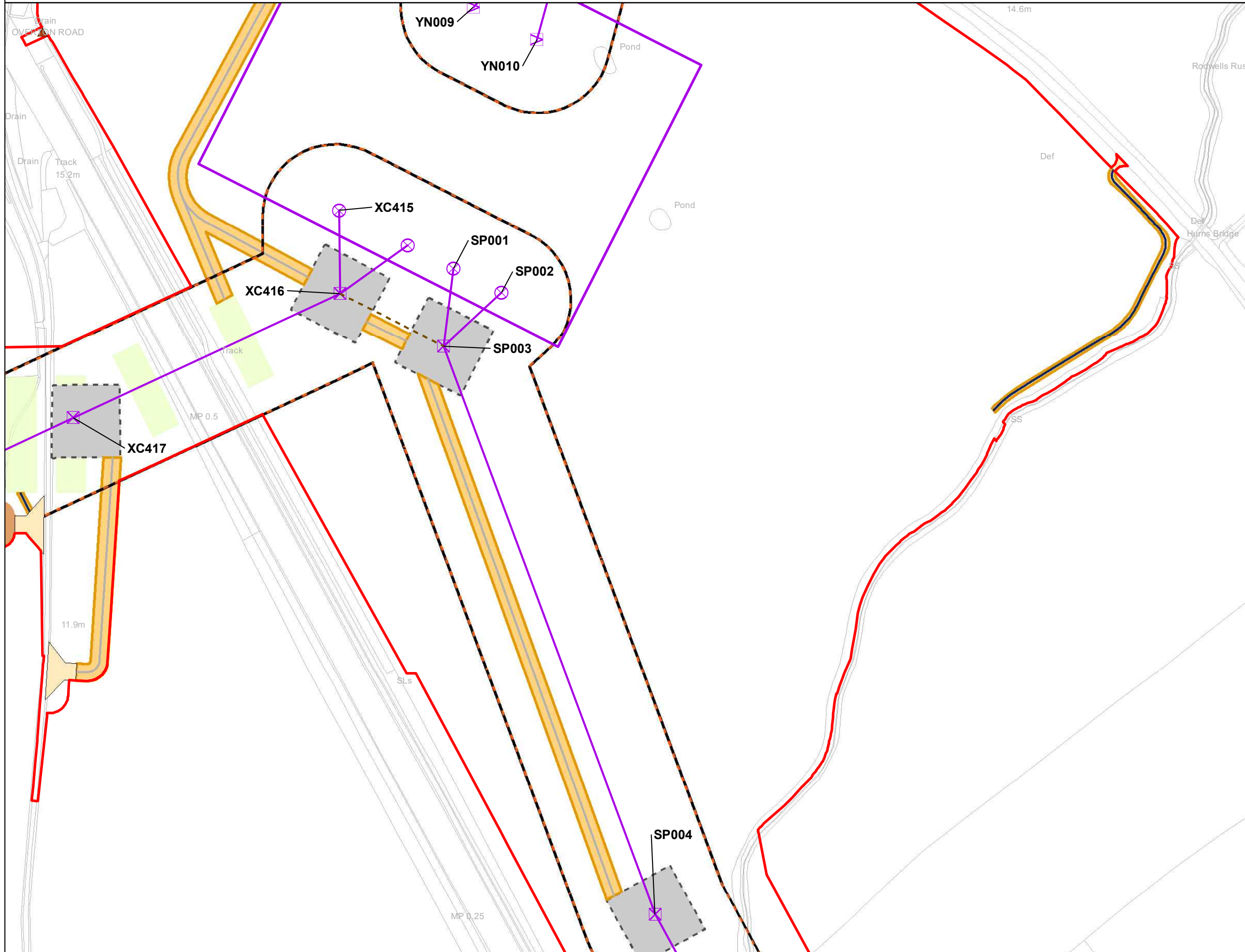
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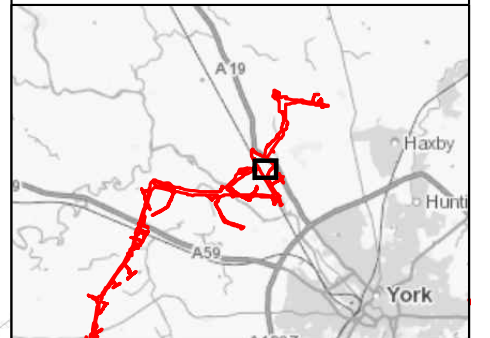


National Grid (Yorkshire Green Energy Enablement Project) Order
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 Figure 3.2 Section B: North west of York Area

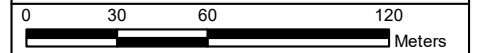


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 - Indicative New Lattice Pylon
 - Indicative New Gantry
 - Indicative New Full Line Tension Gantry
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 FIGURE 3.2
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 OF YORK AREA



Figure Number: FIGURE 3.2






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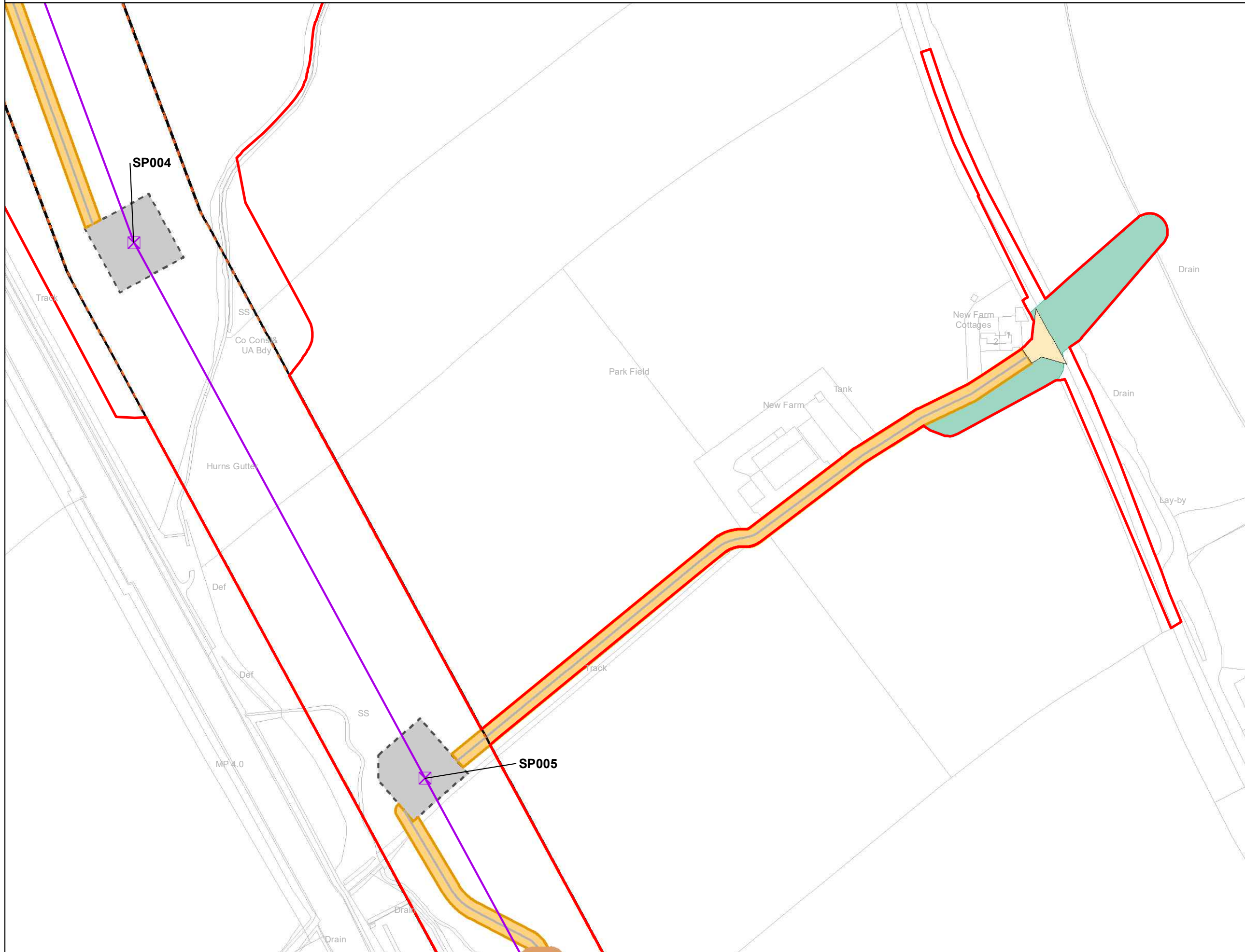
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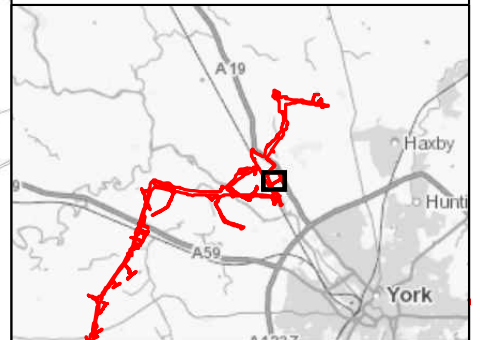
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-  Limits of Deviation
-  Stone
-  Access Swathes
-  Pylon Working Areas
-  Indicative Third Party Limits of Deviation

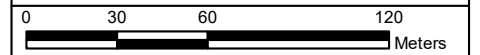


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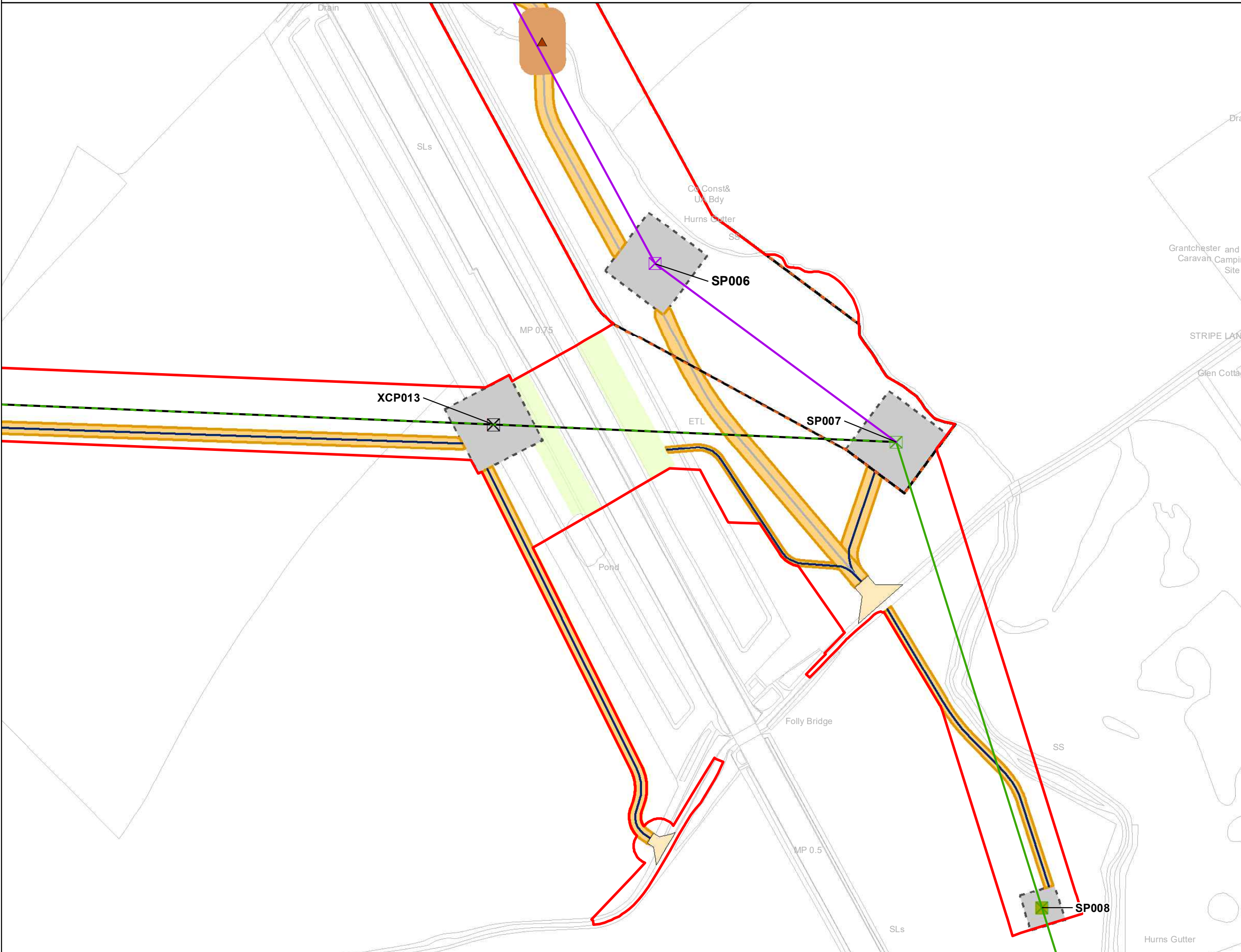
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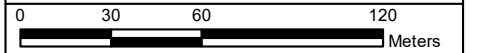
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- Existing Overhead Line - Not Affected
- Existing Overhead Line - To be Dismantled
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Coordinate System: British National Grid
 Sheet X Centroid Coordinate: 456,179.92 Sheet Y Centroid Coordinate: 456,030.01



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Issue	Date	Remarks	Drawn	Checked	Approved
A	1 Nov 2022	For DCO Submission	BERNB	DIMMR	CHADC

Title
 5.4.3, ES CHAPTER 3
 DESCRIPTION OF THE
 PROJECT FIGURES
 FIGURE 3.2
 SECTION B: NORTH WEST
 OF YORK AREA

Figure Number
 FIGURE 3.2

Drawing Reference
 806503-WOOD-0285

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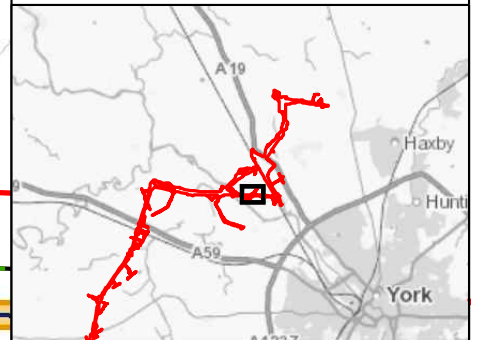
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 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.2 Section B: North west of York Area

Legend

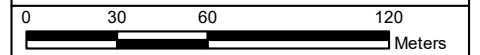
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- Existing Overhead Line - To be Dismantled
- Bellmouth
- Existing Lattice Pylon - To be Dismantled
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas
- Indicative Crossing Protection

Notes

This drawing is scaled at paper size A3, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.



Coordinate System: British National Grid
 Sheet X Centroid Coordinate: 455,338.54 Sheet Y Centroid Coordinate: 456,143.78



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A	1 Nov 2022	For DCO Submission	BERNB	DIMMR	CHADC

Title

5.4.3, ES CHAPTER 3
 DESCRIPTION OF THE
 PROJECT FIGURES
 FIGURE 3.2
 SECTION B: NORTH WEST
 OF YORK AREA

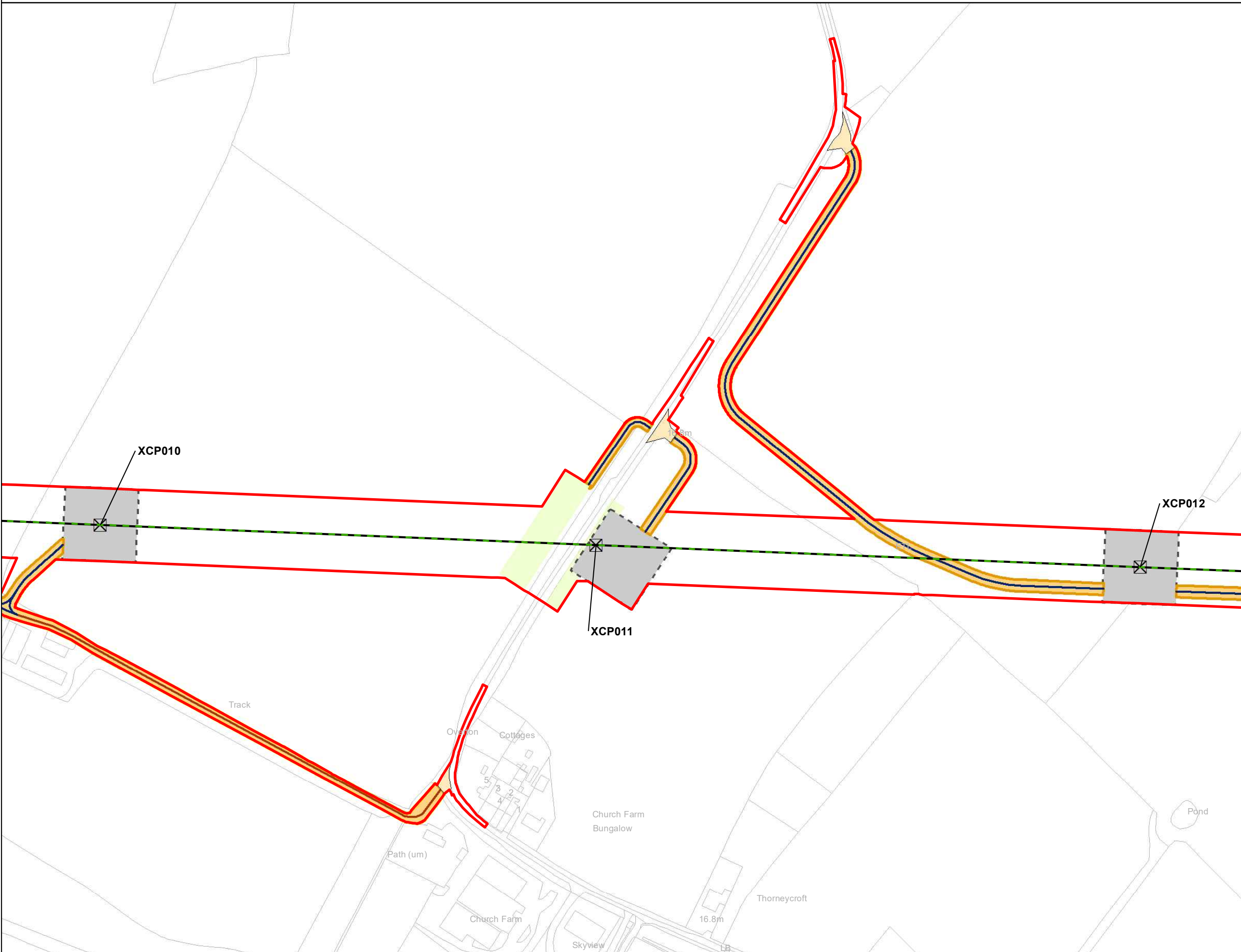
Figure Number

FIGURE 3.2

Drawing Reference

806503-WOOD-0285















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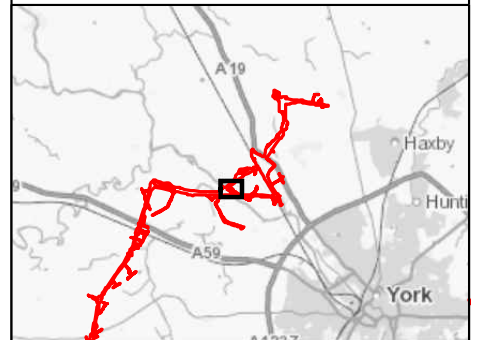
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 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.2 Section B: North west of York Area

Legend

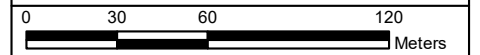
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-  Indicative New Overhead Line
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-  Indicative New Lattice Pylon
-  Existing Lattice Pylon - To be Dismantled
-  Limits of Deviation
-  Stone
-  Trackway
-  Existing Track
-  Access Swathes
-  Pylon Working Areas
-  Indicative Third Party Limits of Deviation
-  Indicative Crossing Protection

Notes

This drawing is scaled at paper size A3, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.



Coordinate System: British National Grid
 Sheet X Centroid Coordinate: 454,493.46 Sheet Y Centroid Coordinate: 456,353.86



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Issue	Date	Remarks	Drawn	Checked	Approved
A	1 Nov 2022	For DCO Submission	BERNB	DIMMR	CHADC

Title

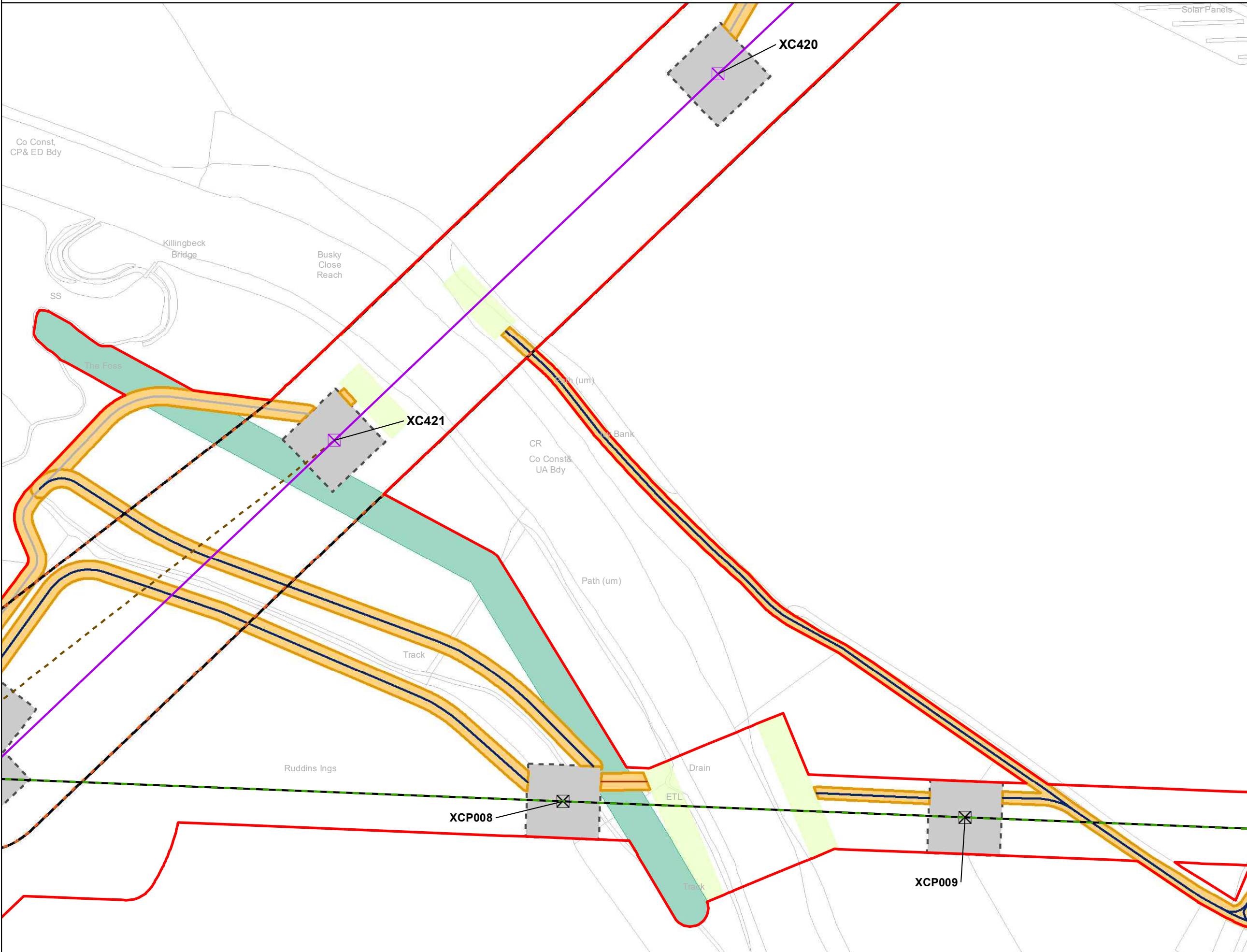
5.4.3, ES CHAPTER 3
 DESCRIPTION OF THE
 PROJECT FIGURES
 FIGURE 3.2
 SECTION B: NORTH WEST
 OF YORK AREA



Figure Number
 FIGURE 3.2

Drawing Reference
 806503-WOOD-0285








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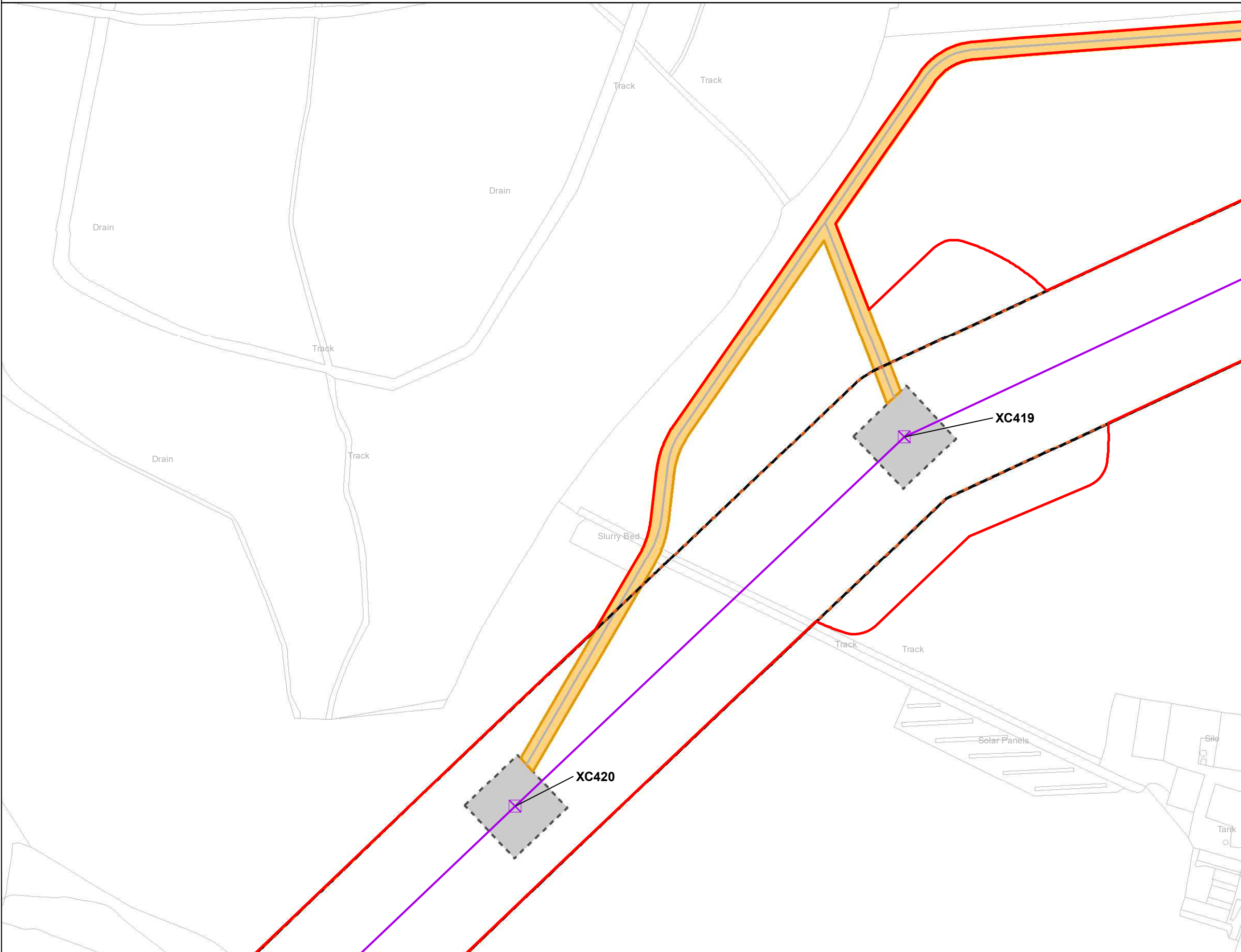




National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.2 Section B: North west of York Area

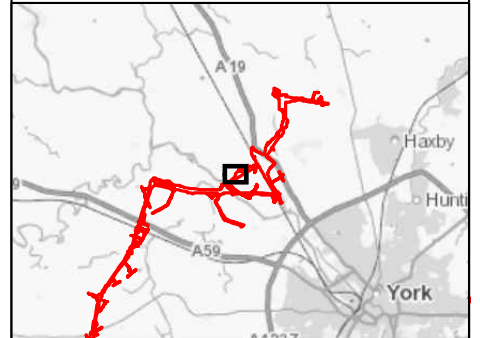
Legend

-  Order Limits
-  Indicative New Overhead Line
-  Indicative New Lattice Pylon
-  Limits of Deviation
-  Stone
-  Access Swathes
-  Pylon Working Areas

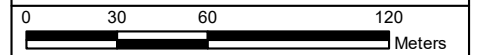


Notes

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Coordinate System: British National Grid
 Sheet X Centroid Coordinate: 454,632.10 Sheet Y Centroid Coordinate: 456,855.51



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A	1 Nov 2022	For DCO Submission	BERNB	DIMMR	CHADC

Title

5.4.3, ES CHAPTER 3
 DESCRIPTION OF THE
 PROJECT FIGURES
 FIGURE 3.2
 SECTION B: NORTH WEST
 OF YORK AREA



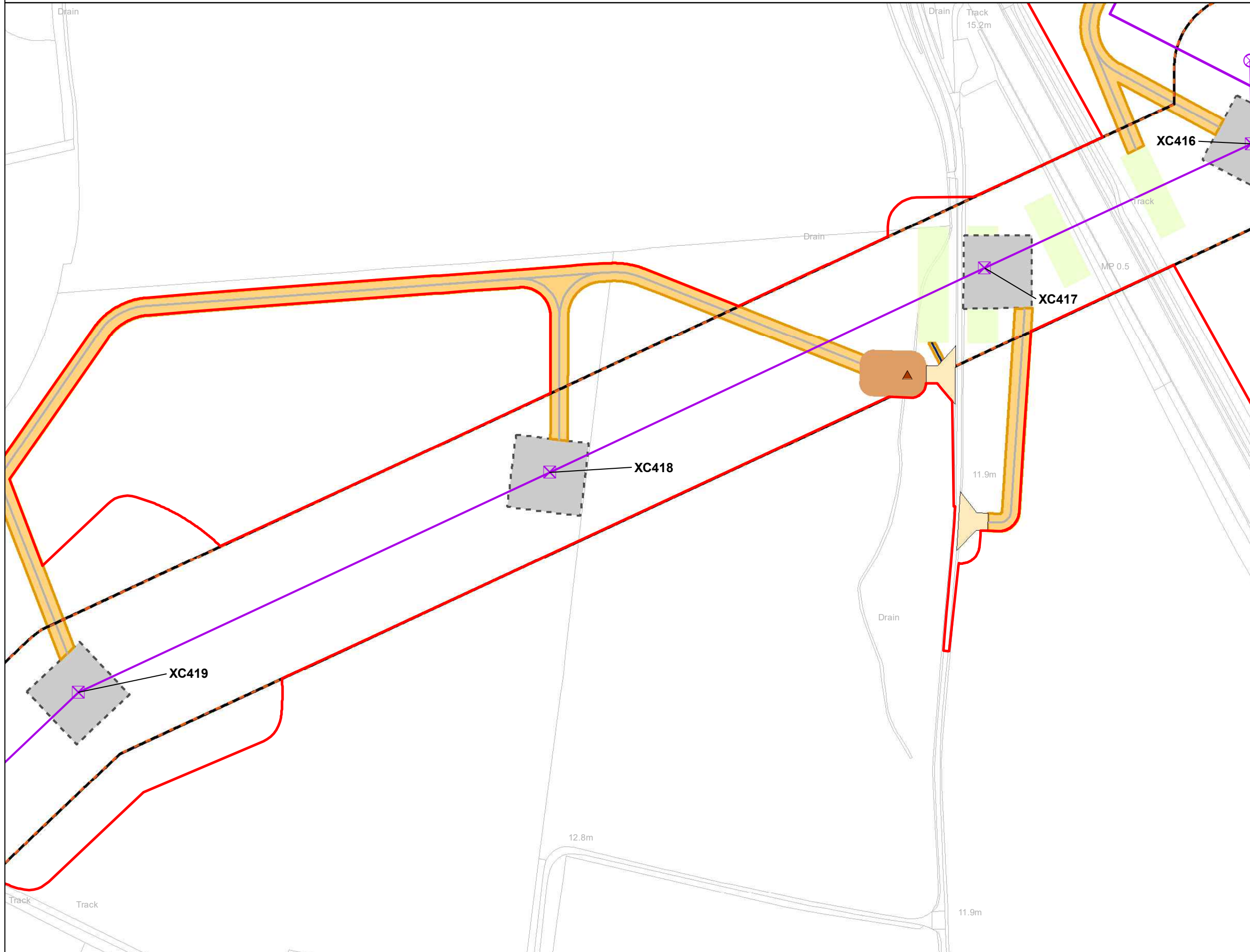
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National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.2 Section B: North west of York Area

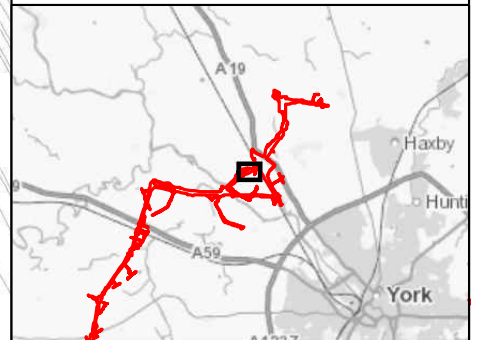
Legend

- Order Limits
- Culvert / bridge
- Proposed Substation
- Indicative New Overhead Line
- Temporary Overhead Line
- X Indicative New Lattice Pylon
- + Indicative New Gantry
- Bellmouth
- Bridge Working Area
- Limits of Deviation
- Stone
- Trackway
- Access Swathes
- Pylon Working Areas
- Indicative Crossing Protection

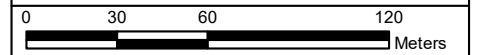


Notes

This drawing is scaled at paper size A3, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.



Coordinate System: British National Grid
 Sheet X Centroid Coordinate: 455,200.96 Sheet Y Centroid Coordinate: 457,030.80



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**5.4.3, ES CHAPTER 3
 DESCRIPTION OF THE
 PROJECT FIGURES
 FIGURE 3.2
 SECTION B: NORTH WEST
 OF YORK AREA**



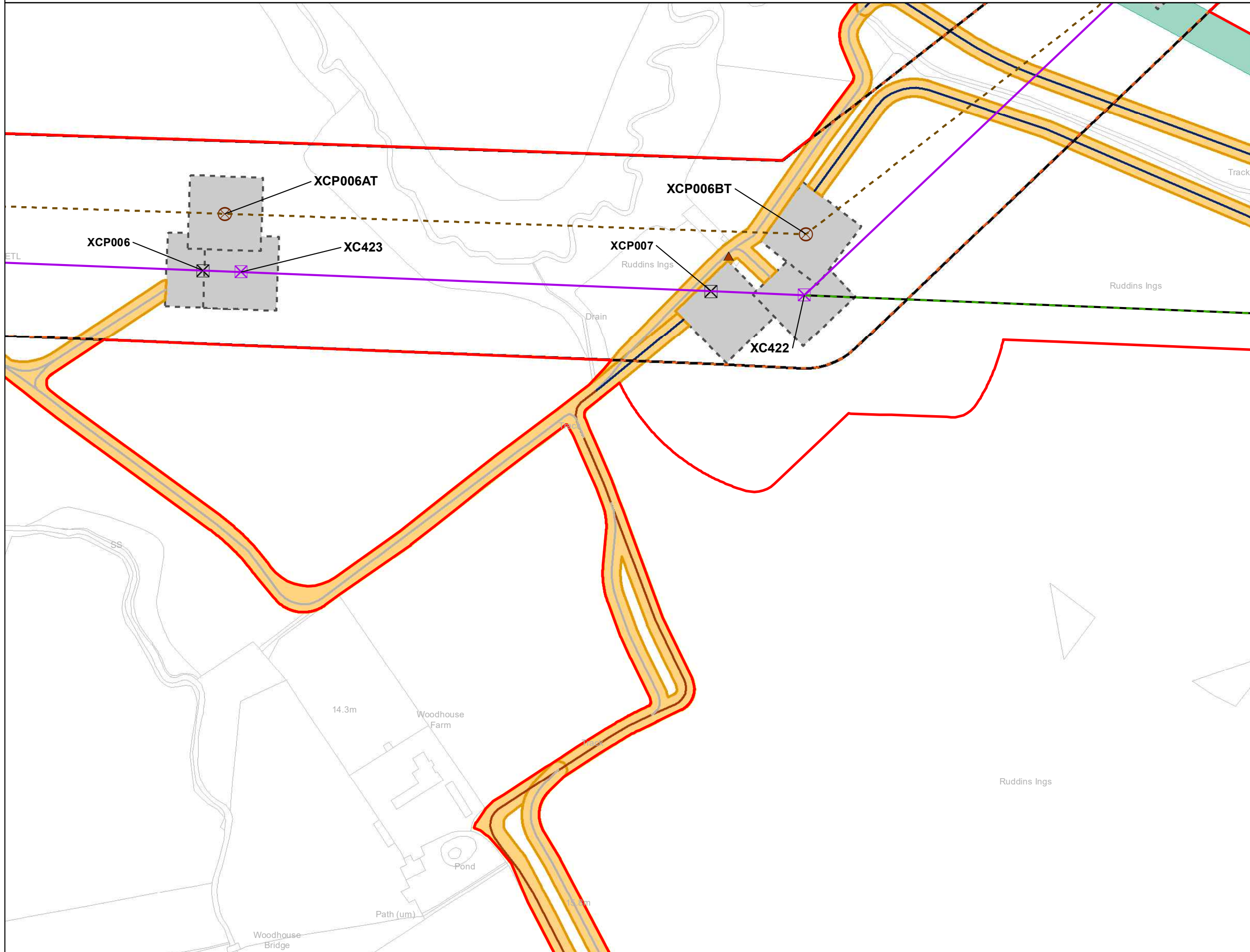
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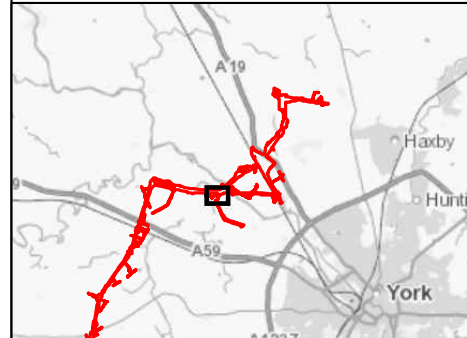
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 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.2 Section B: North west of York Area

Legend

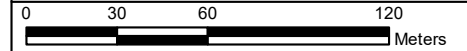
- Order Limits
- ▲ Culvert / bridge
- Indicative New Overhead Line
- - - Temporary Overhead Line
- Existing Overhead Line - To be Dismantled
- ⊗ Indicative New Lattice Pylon
- ⊗ Indicative Temporary Pylon or Mast
- ⊗ Existing Lattice Pylon - To be Dismantled
- Limits of Deviation
- Stone
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas
- Indicative Third Party Limits of Deviation



Notes
 This drawing is scaled at paper size A3, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.



Coordinate System: British National Grid
 Sheet X Centroid Coordinate: 453,930.43 Sheet Y Centroid Coordinate: 456,023.66



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Title

5.4.3, ES CHAPTER 3
 DESCRIPTION OF THE
 PROJECT FIGURES
 FIGURE 3.2
 SECTION B: NORTH WEST
 OF YORK AREA

nationalgrid

Figure Number: FIGURE 3.2

Drawing Reference: 806503-WOOD-0285

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National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.2 Section B: North west of York Area

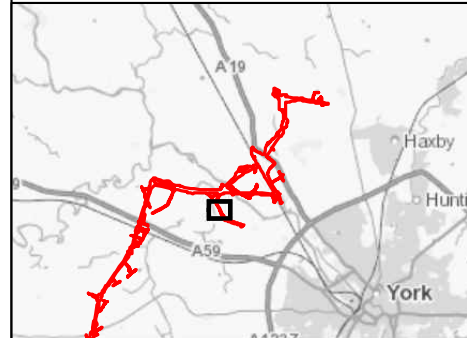
Legend

- Order Limits
- ▲ Culvert / bridge
- Stone
- Existing Track
- Access Swathes

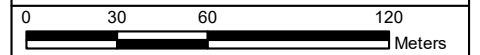


Notes

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Coordinate System: British National Grid
 Sheet X Centroid Coordinate: 454,012.98 Sheet Y Centroid Coordinate: 455,445.81



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**5.4.3, ES CHAPTER 3
 DESCRIPTION OF THE
 PROJECT FIGURES
 FIGURE 3.2
 SECTION B: NORTH WEST
 OF YORK AREA**



Figure Number
 FIGURE 3.2

Drawing Reference
 806503-WOOD-0285

Scale	Sheet Size	Sheet	Issue
1:2,500	A3	Page 16 of 20	A



National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.2 Section B: North west of York Area

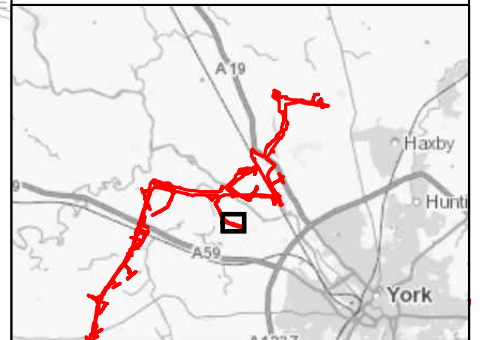
Legend

- Order Limits
- Bellmouth
- Stone
- Existing Track
- Access Swathes

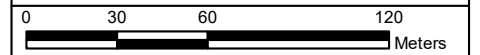


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Coordinate System: British National Grid
 Sheet X Centroid Coordinate: 454.571.78 Sheet Y Centroid Coordinate: 455.026.71



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A	1 Nov 2022	For DCO Submission	BERNB	DIMMR	CHADC

**5.4.3, ES CHAPTER 3
 DESCRIPTION OF THE
 PROJECT FIGURES
 FIGURE 3.2
 SECTION B: NORTH WEST
 OF YORK AREA**














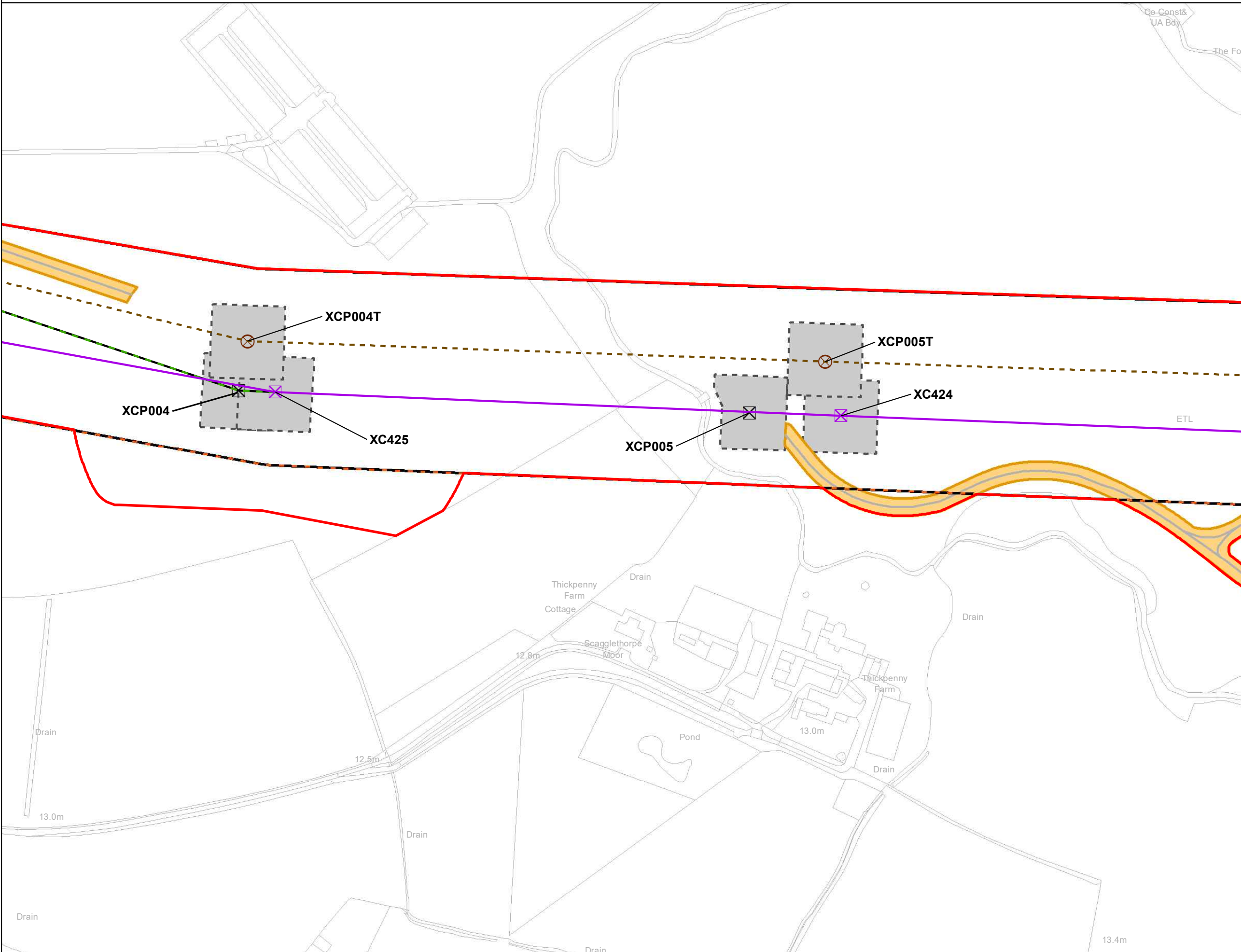
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National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.2 Section B: North west of York Area

Legend

-  Order Limits
-  Indicative New Overhead Line
-  Temporary Overhead Line
-  Existing Overhead Line - To be Dismantled
-  Indicative New Lattice Pylon
-  Indicative Temporary Pylon or Mast
-  Existing Lattice Pylon - To be Dismantled
-  Limits of Deviation
-  Stone
-  Access Swathes
-  Pylon Working Areas

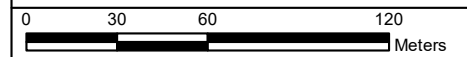


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Coordinate System: British National Grid
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Title

5.4.3, ES CHAPTER 3
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 FIGURE 3.2
 SECTION B: NORTH WEST
 OF YORK AREA



Figure Number	FIGURE 3.2		
Drawing Reference	806503-WOOD-0285		
Scale	Sheet Size	Sheet	Issue
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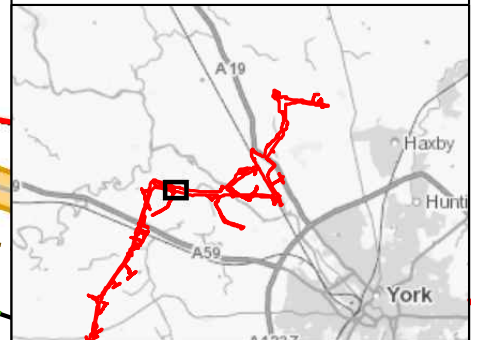
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 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.2 Section B: North west of York Area

Legend

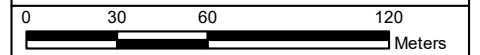
- Order Limits
- ▲ Culvert / bridge
- Indicative New Overhead Line
- - - Temporary Overhead Line
- Existing Overhead Line - To be Dismantled
- ⊠ Indicative New Lattice Pylon
- ⊠ Existing Lattice Pylon - To be Dismantled
- Limits of Deviation
- Stone
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas
- Indicative Third Party Limits of Deviation
- Indicative Crossing Protection

Notes

This drawing is scaled at paper size A3, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.



Coordinate System: British National Grid
 Sheet X Centroid Coordinate: 452,292.12 Sheet Y Centroid Coordinate: 456,322.11



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Issue	Date	Remarks	Drawn	Checked	Approved
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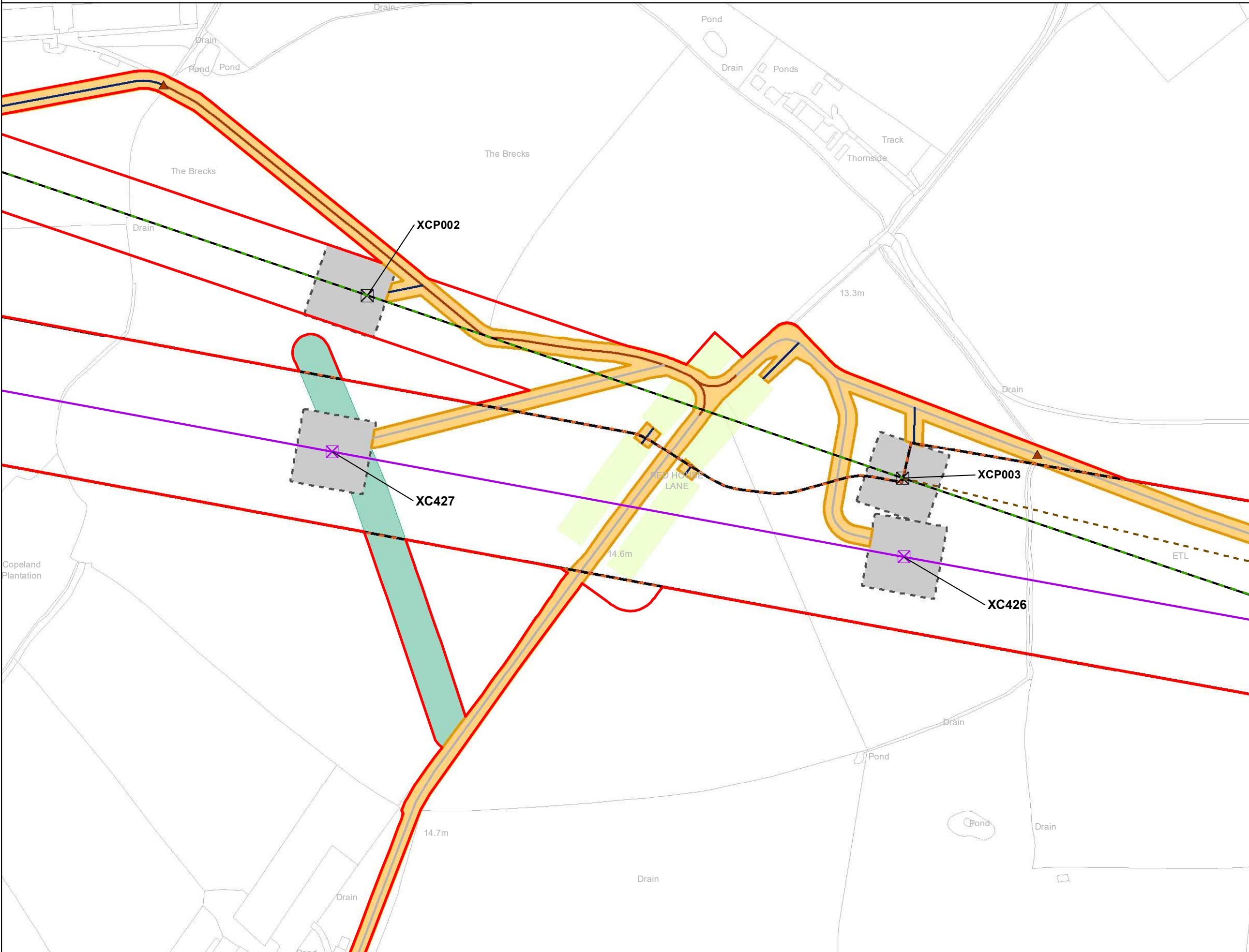
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 DESCRIPTION OF THE
 PROJECT FIGURES
 FIGURE 3.2
 SECTION B: NORTH WEST
 OF YORK AREA**



Figure Number: **FIGURE 3.2**

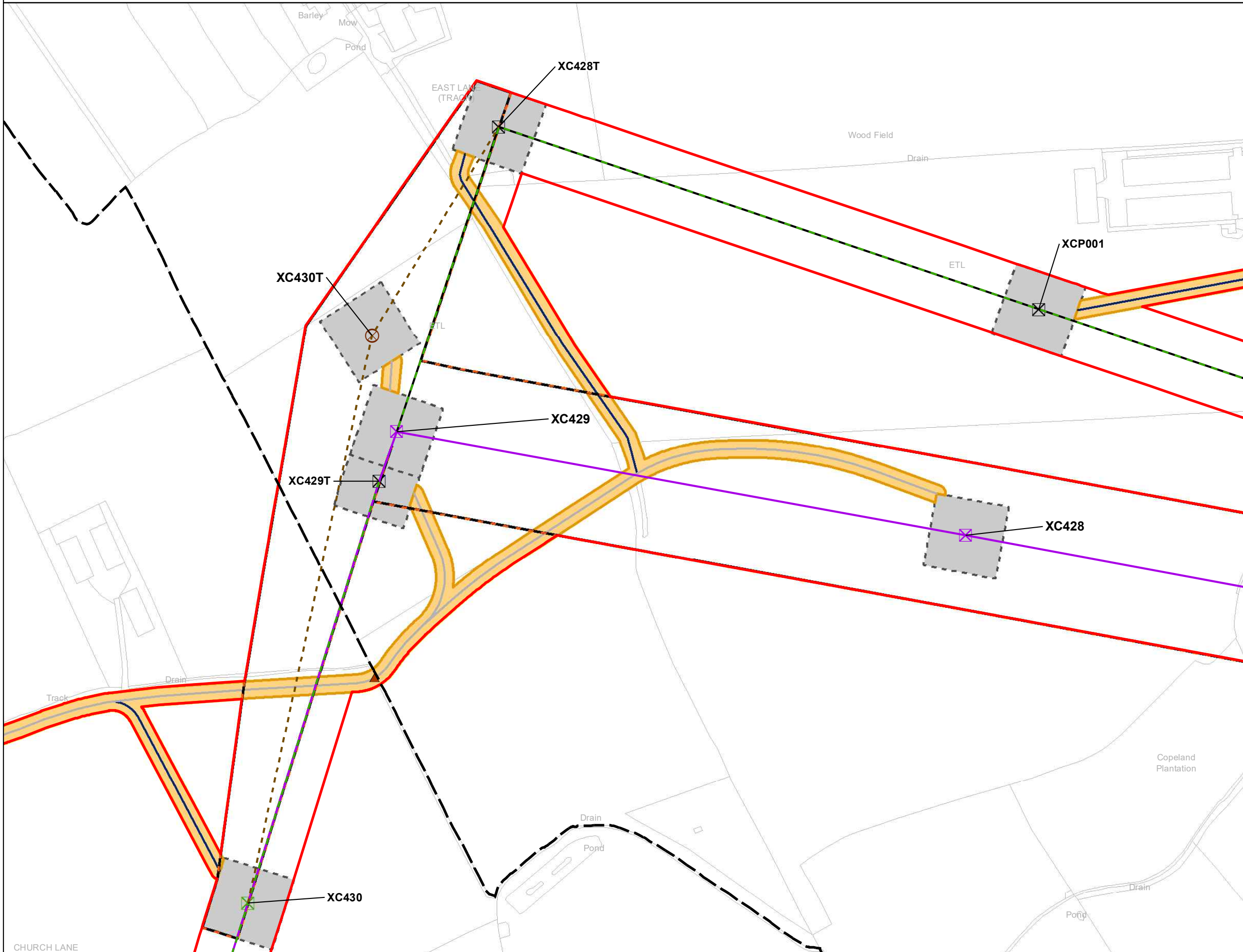
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National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.2 Section B: North west of York Area

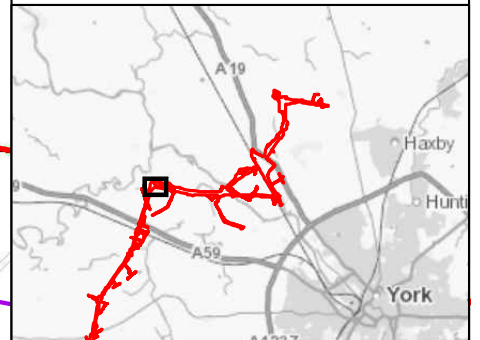


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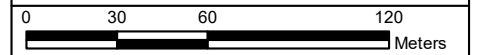
- Order Limits
- Section Breaks
- ▲ Culvert / bridge
- Indicative New Overhead Line
- - - Temporary Overhead Line
- Existing Overhead Line - To be Reconductored
- - - Existing Overhead Line - To be Dismantled
- ⊗ Indicative New Lattice Pylon
- ⊗ Indicative Temporary Pylon or Mast
- ⊗ Existing Lattice Pylon - To be Modified
- ⊗ Existing Lattice Pylon - To be Dismantled
- Limits of Deviation
- Stone
- Trackway
- Access Swathes
- Pylon Working Areas

Notes

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Coordinate System: British National Grid
 Sheet X Centroid Coordinate: 451,485.87 Sheet Y Centroid Coordinate: 456,449.11



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A	1 Nov 2022	For DCO Submission	BERNB	DIMMR	CHADC

Title

5.4.3, ES CHAPTER 3
 DESCRIPTION OF THE
 PROJECT FIGURES
 FIGURE 3.2
 SECTION B: NORTH WEST
 OF YORK AREA



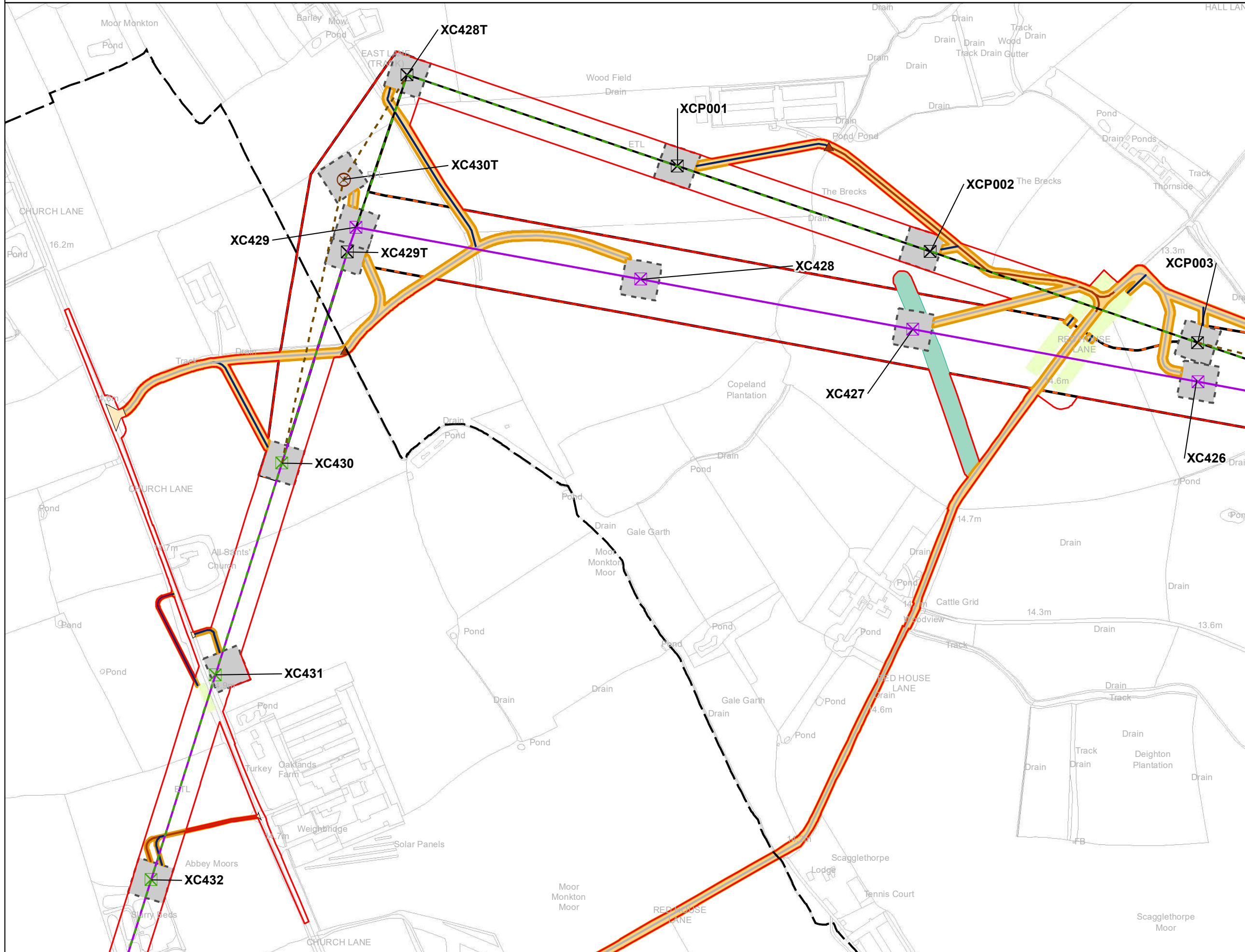
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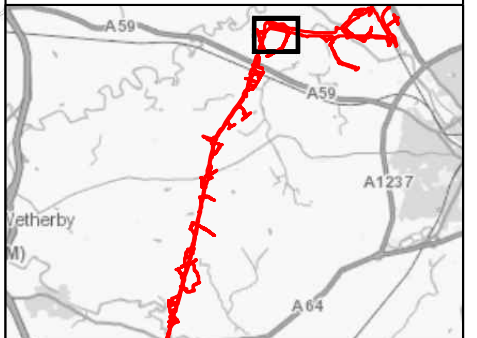
National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.3 Section C: Moor Monkton to Tadcaster



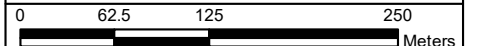
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- Order Limits
- Section Breaks
- Indicative New Overhead Line
- Temporary Overhead Line
- Existing Overhead Line - To be Reconstructed
- Existing Overhead Line - To be Dismantled
- Existing Lattice Pylon - To be Modified
- Existing Lattice Pylon - To be Dismantled
- Indicative New Lattice Pylon
- Indicative Temporary Pylon or Mast
- Bellmouth
- Culvert / bridge
- Stone
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas
- Indicative Third Party Limits of Deviation
- Indicative Crossing Protection
- Limits of Deviation

Notes
 This drawing is scaled at paper size A3, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.



Coordinate System: British National Grid
 Sheet X Centroid Coordinate: 451,702.03 Sheet Y Centroid Coordinate: 456,136.97



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Issue	Date	Remarks	Drawn	Checked	Approved
A	1 Nov 2022	For DCO Submission	BERNB	DIMMR	CHADC

Title
 5.4.3, ES CHAPTER 3,
 DESCRIPTION OF
 THE PROJECT FIGURES
 FIGURE 3.3 SECTION C:
 MOOR MONKTON TO TADCASTER

nationalgrid

Figure Number: **FIGURE 3.3**

Drawing Reference: **806503-WOOD-0286**

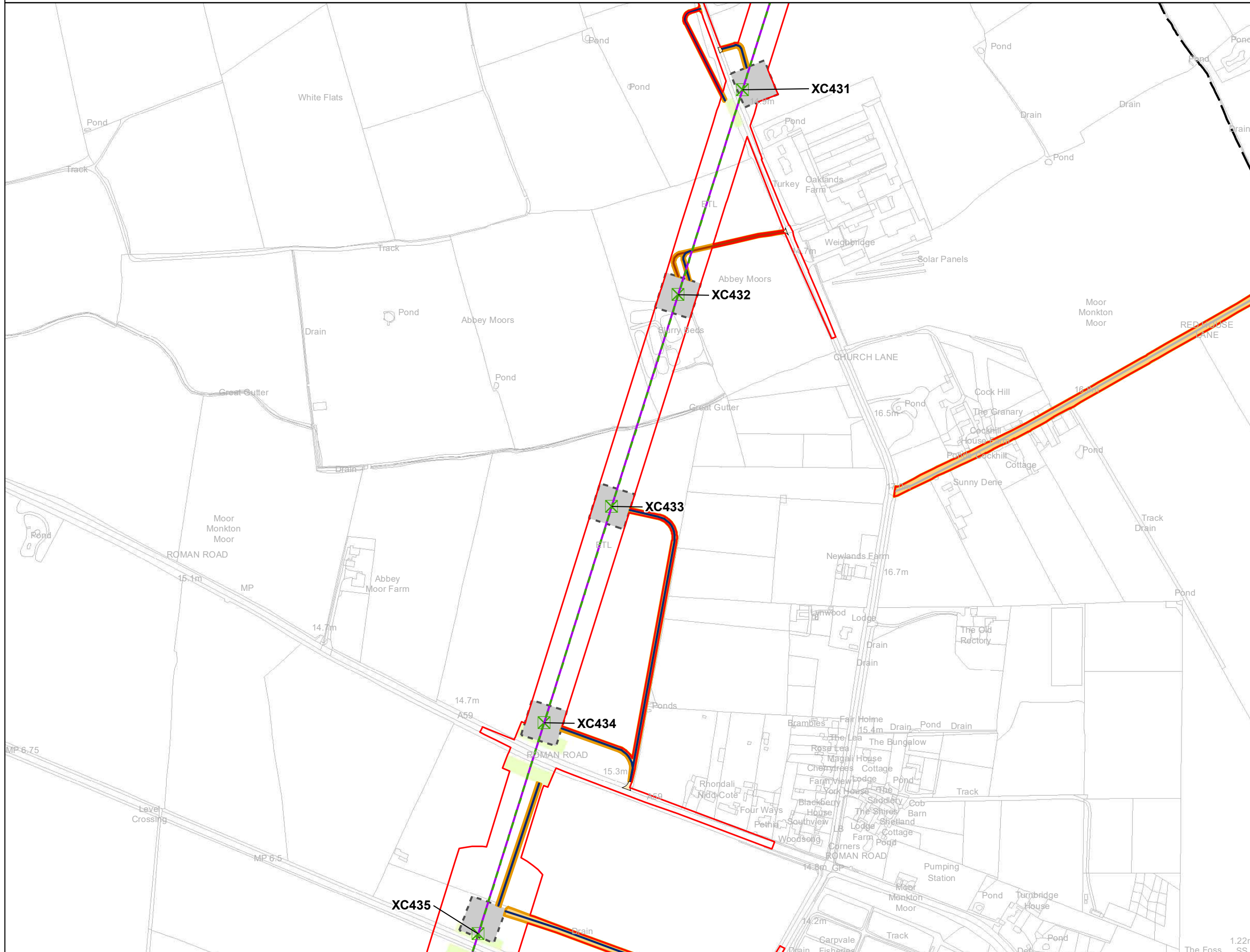
Scale	Sheet Size	Sheet	Issue
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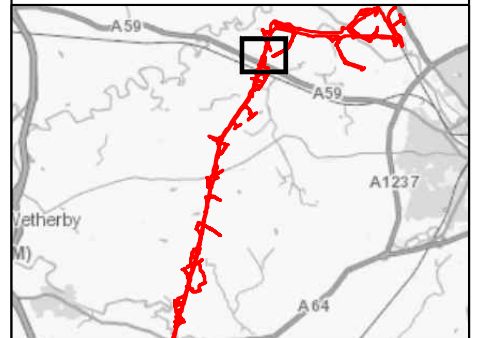
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 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.3 Section C: Moor Monkton to Tadcaster

Legend

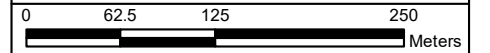
- Order Limits
- Section Breaks
- Existing Overhead Line - To be Reconductored
- Existing Lattice Pylon - To be Modified
- Bellmouth
- Stone
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas
- Indicative Crossing Protection



Notes
 This drawing is scaled at paper size A3, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.



Coordinate System: British National Grid
 Sheet X Centroid Coordinate: 450,979.72 Sheet Y Centroid Coordinate: 455,335.28



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Issue	Date	Remarks	Drawn	Checked	Approved
A	1 Nov 2022	For DCO Submission	BERNB	DIMMR	CHADC

Title
 5.4.3, ES CHAPTER 3,
 DESCRIPTION OF
 THE PROJECT FIGURES
 FIGURE 3.3 SECTION C:
 MOOR MONKTON TO TADCASTER



Figure Number
 FIGURE 3.3

Drawing Reference
 806503-WOOD-0286

Scale	Sheet Size	Sheet	Issue
1:5,000	A3	Page 2 of 10	A



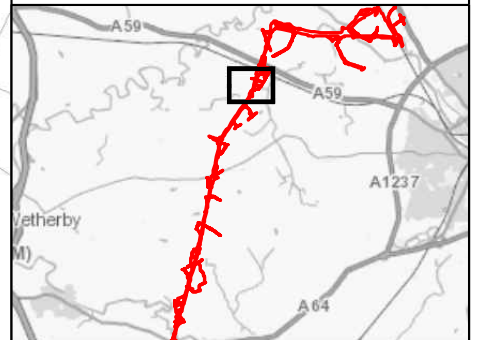
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 Figure 3.3 Section C: Moor Monkton to Tadcaster

Legend

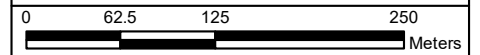
- Order Limits
- Existing Overhead Line - To be Reconstructed
- Existing Lattice Pylon - To be Modified
- Bellmouth
- ▲ Culvert / bridge
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas
- Indicative Crossing Protection

Notes

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Coordinate System: British National Grid
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Issue	Date	Remarks	Drawn	Checked	Approved
A	1 Nov 2022	For DCO Submission	BERNB	DIMMR	CHADC

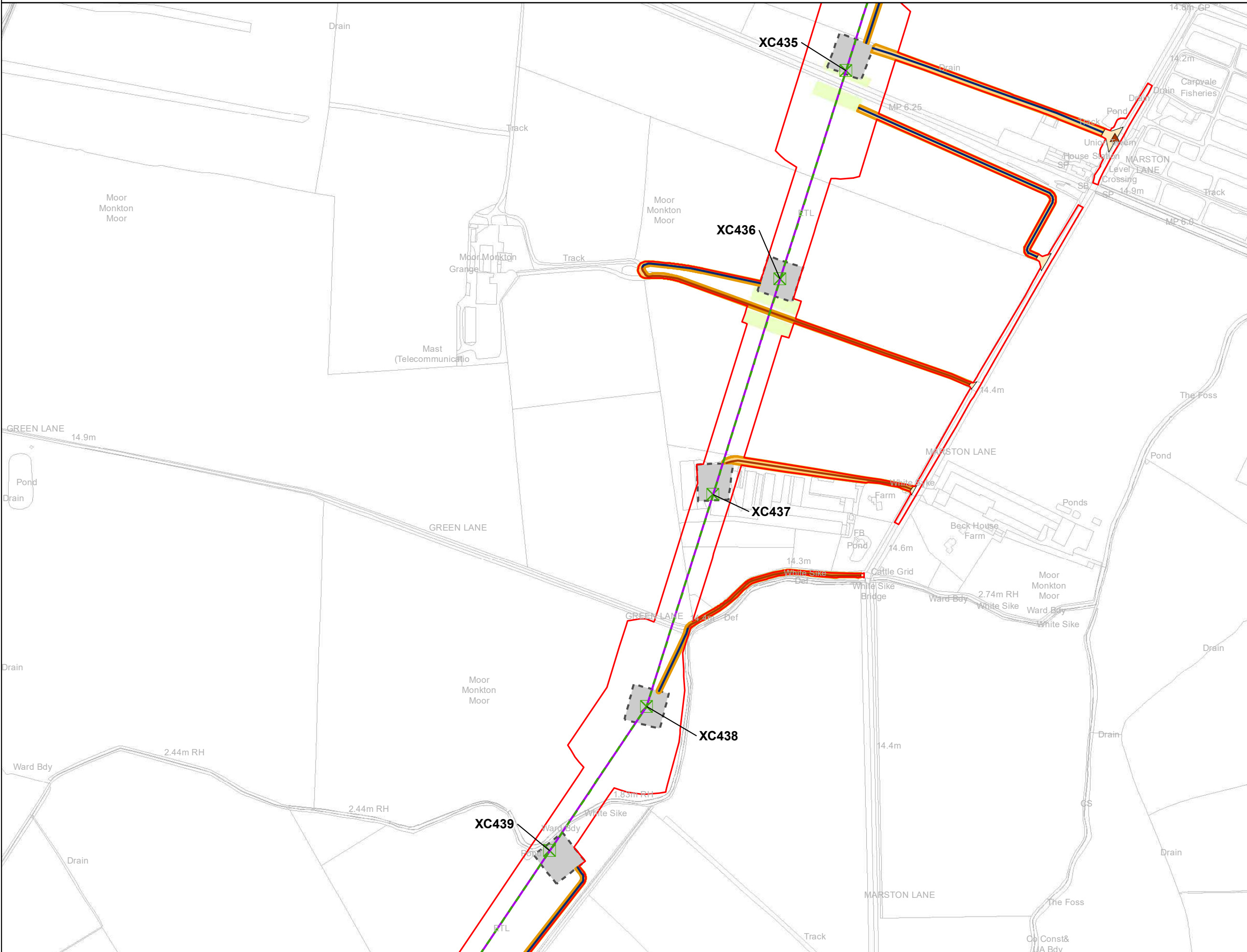
**5.4.3, ES CHAPTER 3,
 DESCRIPTION OF
 THE PROJECT FIGURES
 FIGURE 3.3 SECTION C:
 MOOR MONKTON TO TADCASTER**



Figure Number: **FIGURE 3.3**

Drawing Reference: 806503-WOOD-0286

Scale	Sheet Size	Sheet	Issue
1:5,000	A3	Page 3 of 10	A

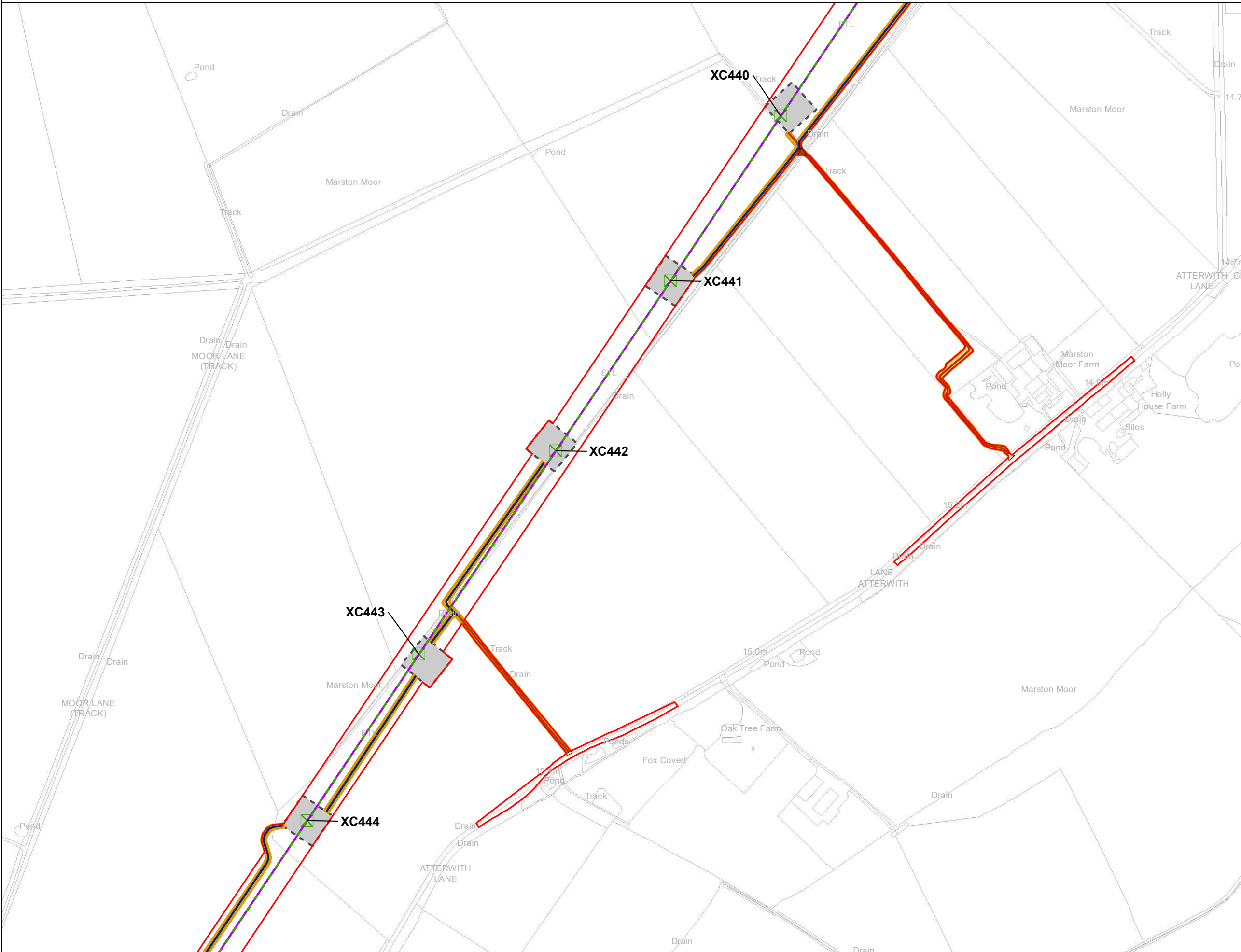




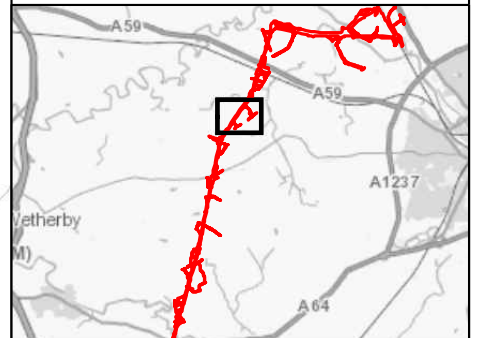
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 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.3 Section C: Moor Monkton to Tadcaster

Legend

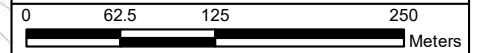
- Order Limits
- Existing Overhead Line - To be Reconstructed
- Existing Lattice Pylon - To be Modified
- Bellmouth
- Culvert / bridge
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas



Notes
 This drawing is scaled at paper size A3, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.



Coordinate System: British National Grid
 Sheet X Centroid Coordinate: 449,998.11 Sheet Y Centroid Coordinate: 452,914.34



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Issue	Date	Remarks	Drawn	Checked	Approved

Title
 5.4.3, ES CHAPTER 3,
 DESCRIPTION OF
 THE PROJECT FIGURES
 FIGURE 3.3 SECTION C:
 MOOR MONKTON TO TADCASTER



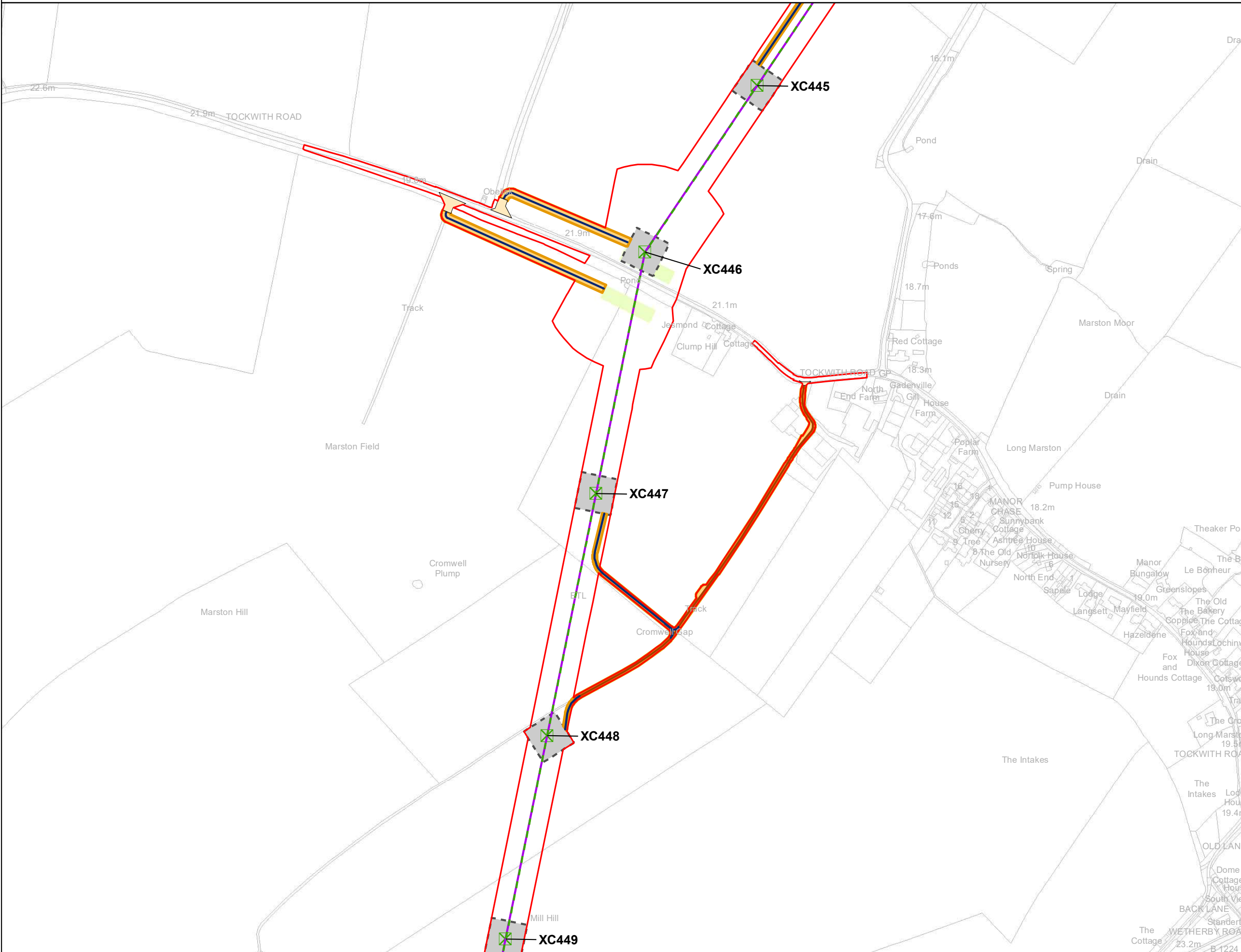
Figure Number		FIGURE 3.3	
Drawing Reference		806503-WOOD-0286	
Scale	Sheet Size	Sheet	Issue
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National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.3 Section C: Moor Monkton to Tadcaster

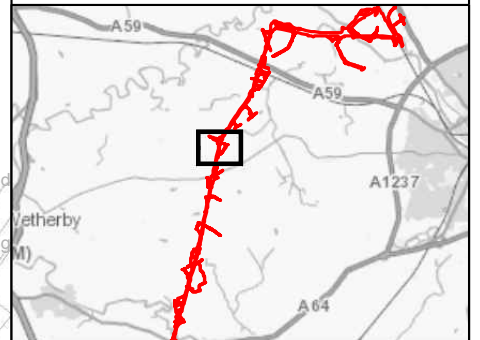
Legend

- Order Limits
- Existing Overhead Line - To be Reconstructed
- Existing Lattice Pylon - To be Modified
- Bellmouth
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas
- Indicative Crossing Protection

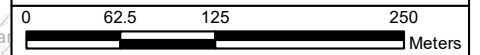


Notes

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Coordinate System: British National Grid
 Sheet X Centroid Coordinate: 449,228.17 Sheet Y Centroid Coordinate: 451,678.73



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Issue	Date	Remarks	Drawn	Checked	Approved
A	1 Nov 2022	For DCO Submission	BERNB	DIMMR	CHADC

**5.4.3, ES CHAPTER 3,
 DESCRIPTION OF
 THE PROJECT FIGURES
 FIGURE 3.3 SECTION C:
 MOOR MONKTON TO TADCASTER**



Figure Number
 FIGURE 3.3

Drawing Reference
 806503-WOOD-0286

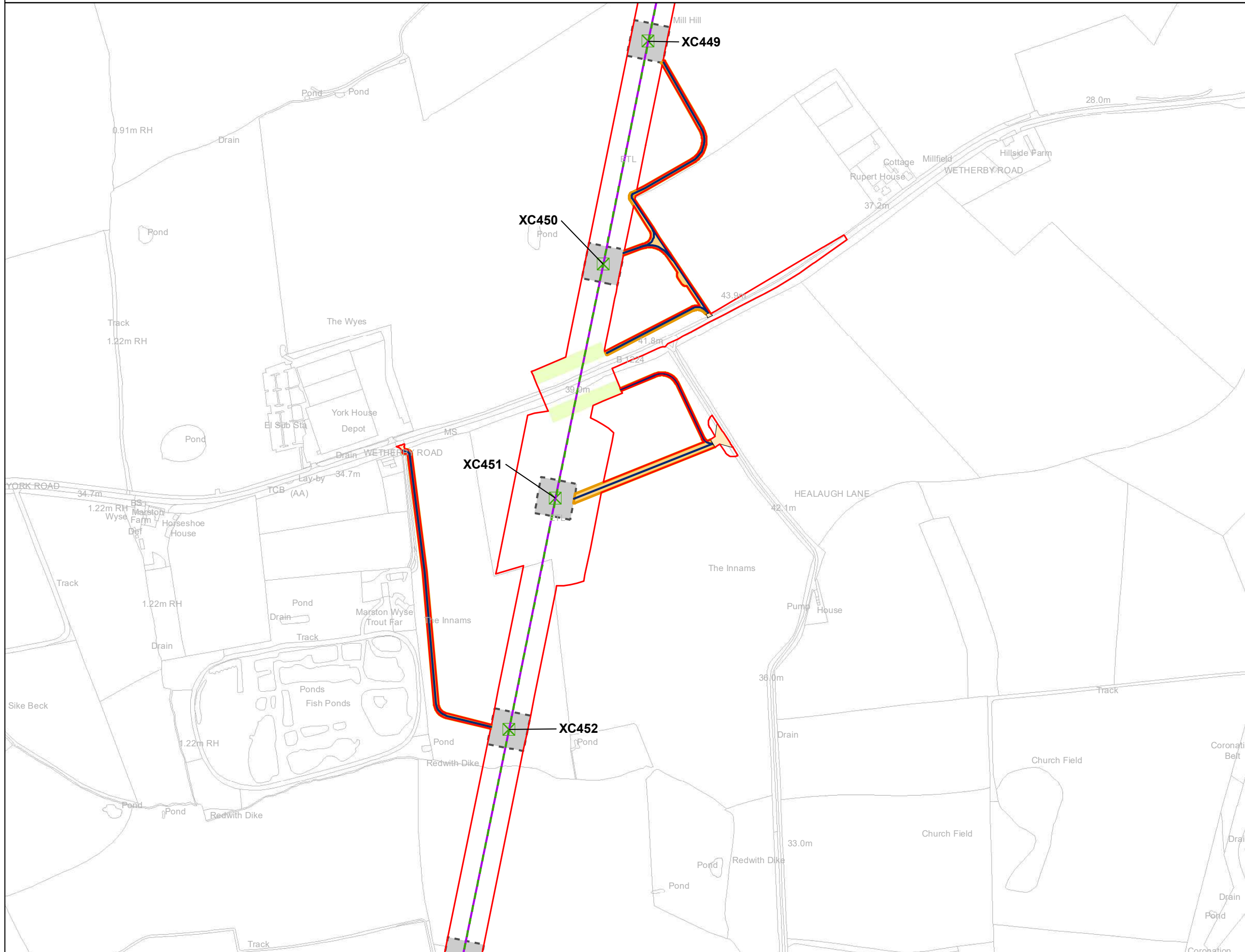
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National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.3 Section C: Moor Monkton to Tadcaster

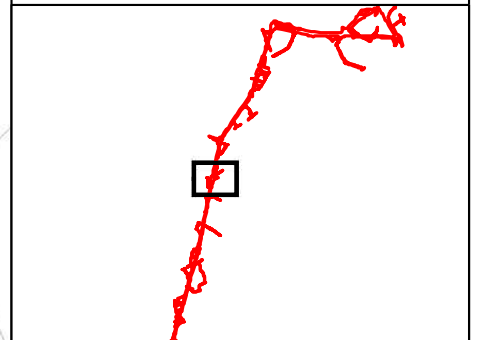
Legend

- Order Limits
- Existing Overhead Line - To be Reconstructed
- Existing Lattice Pylon - To be Modified
- Bellmouth
- Trackway
- Access Swathes
- Pylon Working Areas
- Indicative Crossing Protection

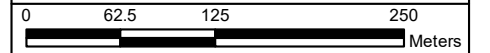


Notes

This drawing is scaled at paper size A3, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.



Coordinate System: British National Grid
 Sheet X Centroid Coordinate: 449,037.87 Sheet Y Centroid Coordinate: 450,448.41



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Title
 5.4.3, ES CHAPTER 3,
 DESCRIPTION OF
 THE PROJECT FIGURES
 FIGURE 3.3 SECTION C:
 MOOR MONKTON TO TADCASTER



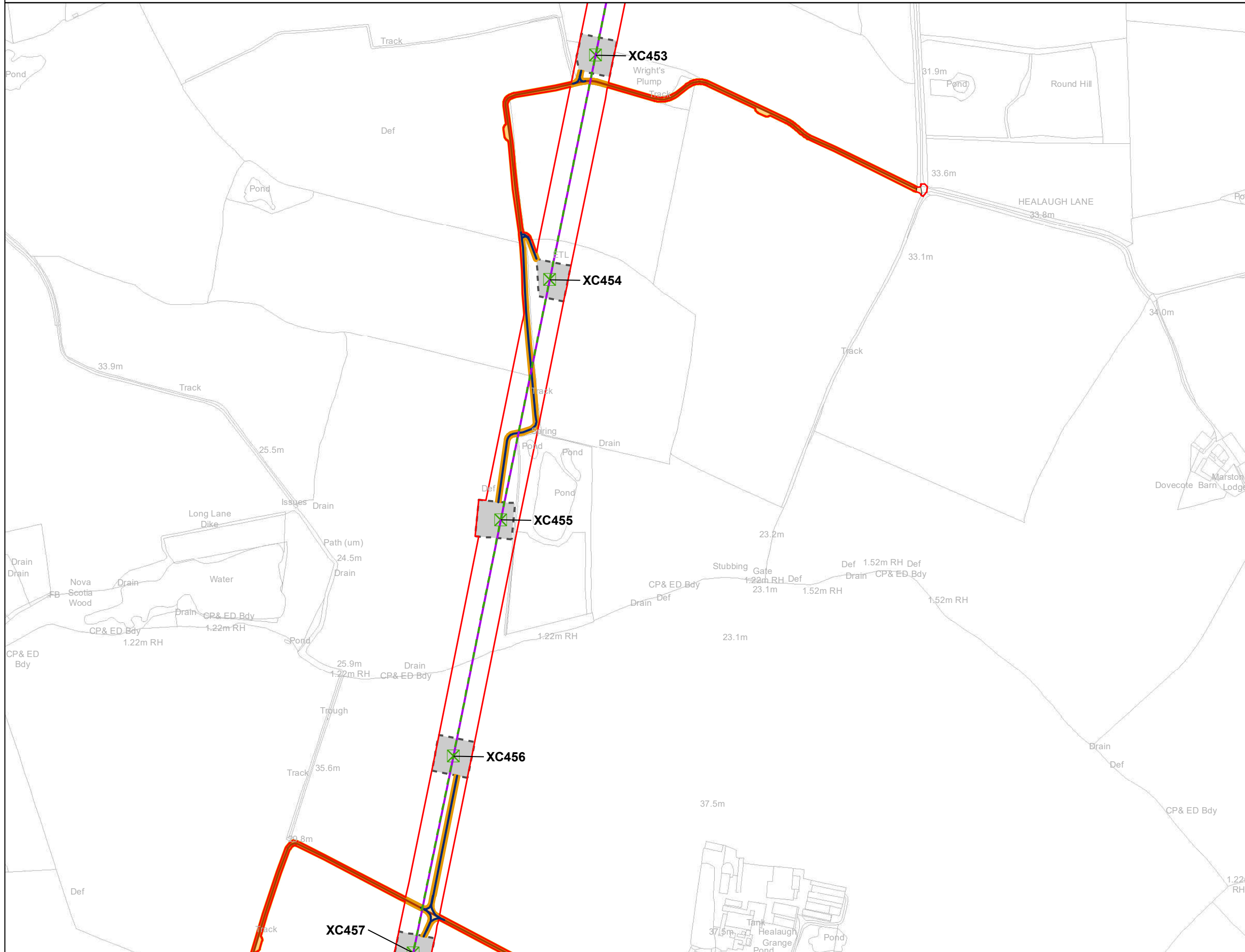
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Drawing Reference	806503-WOOD-0286
Scale	1:5,000
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Sheet	Page 6 of 10
Issue	A



National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.3 Section C: Moor Monkton to Tadcaster

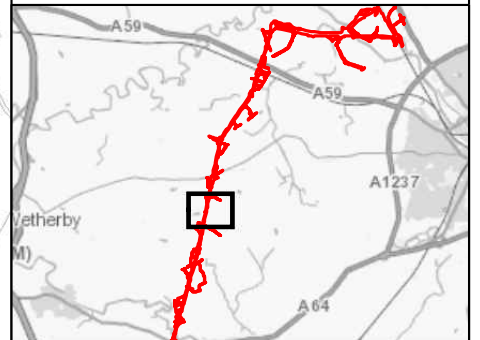
Legend

- Order Limits
- Existing Overhead Line - To be Reconstructed
- Existing Lattice Pylon - To be Modified
- Bellmouth
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas

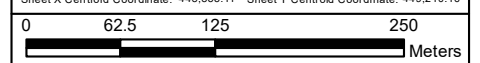


Notes

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Coordinate System: British National Grid
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Title

**5.4.3, ES CHAPTER 3,
 DESCRIPTION OF
 THE PROJECT FIGURES
 FIGURE 3.3 SECTION C:
 MOOR MONKTON TO TADCASTER**



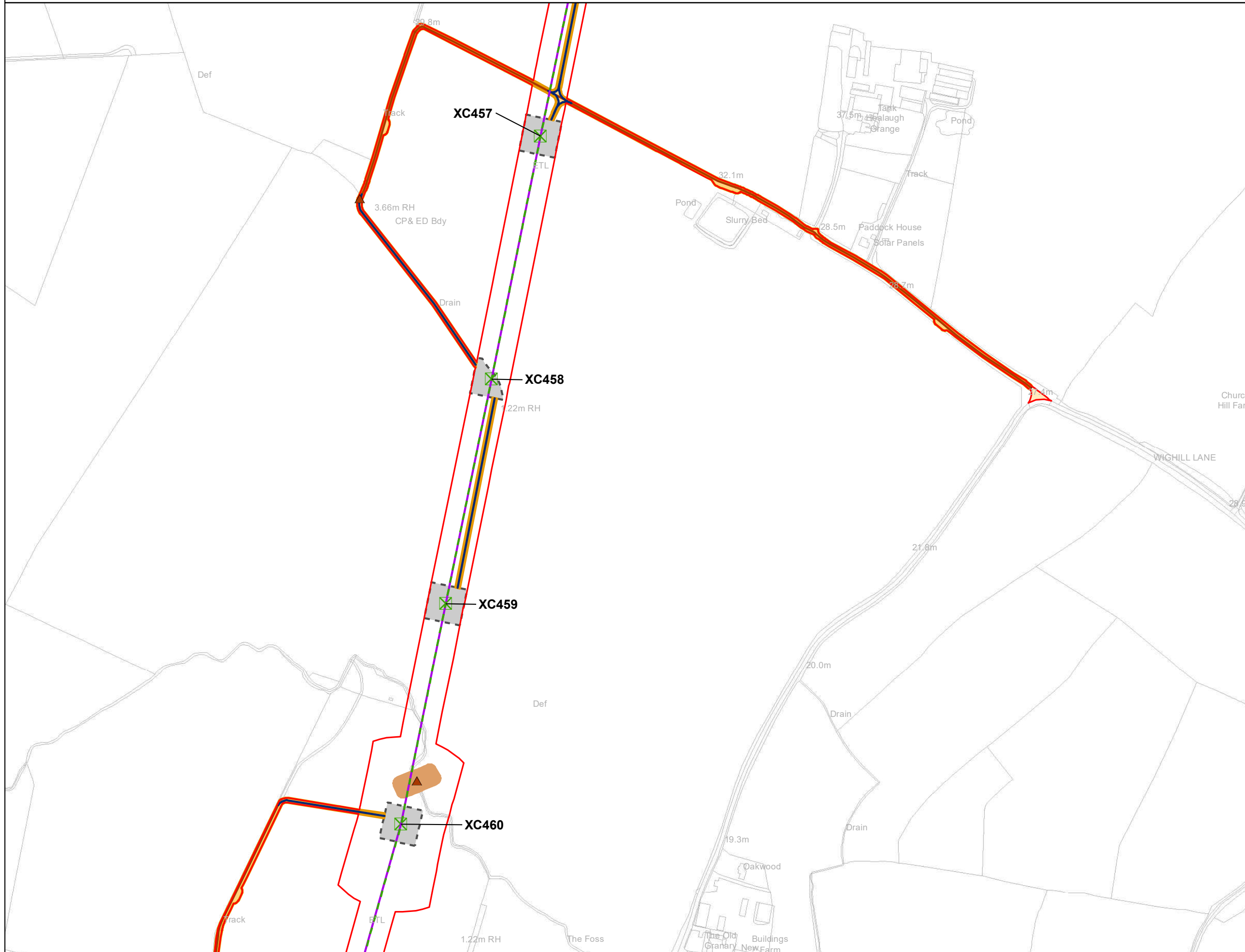
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Drawing Reference	806503-WOOD-0286		
Scale	Sheet Size	Sheet	Issue
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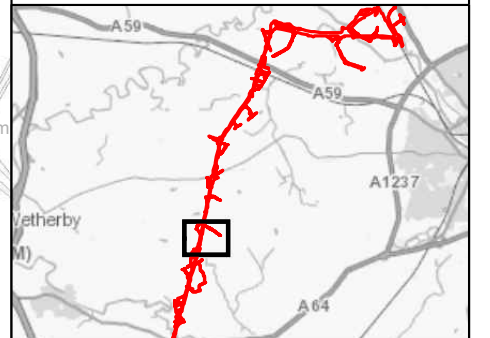
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 Figure 3.3 Section C: Moor Monkton to Tadcaster

Legend

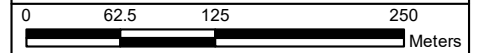
- Order Limits
- Existing Overhead Line - To be Reconductored
- Existing Lattice Pylon - To be Modified
- Bellmouth
- Culvert / bridge
- Bridge Working Area
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas



Notes
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Coordinate System: British National Grid
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Title
 5.4.3, ES CHAPTER 3,
 DESCRIPTION OF
 THE PROJECT FIGURES
 FIGURE 3.3 SECTION C:
 MOOR MONKTON TO TADCASTER



Figure Number
 FIGURE 3.3

Drawing Reference
 806503-WOOD-0286

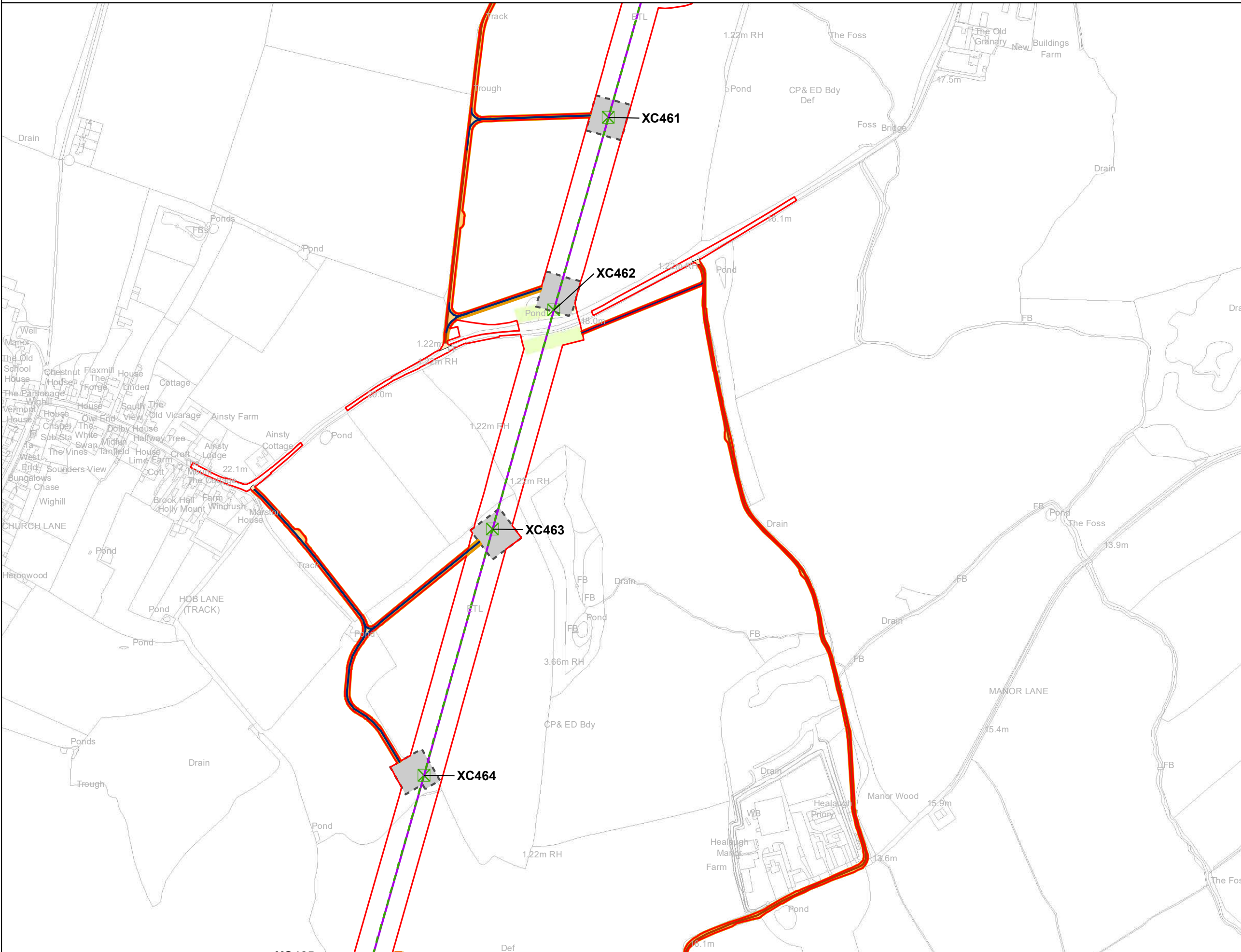
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National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.3 Section C: Moor Monkton to Tadcaster

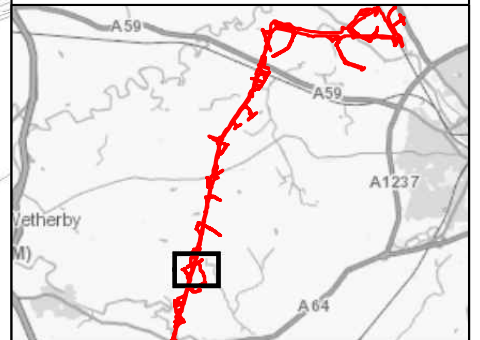
Legend

- Order Limits
- Existing Overhead Line - To be Reconstructed
- Existing Lattice Pylon - To be Modified
- Bellmouth
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas
- Indicative Crossing Protection

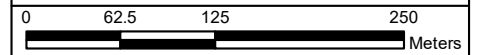


Notes

This drawing is scaled at paper size A3, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.



Coordinate System: British National Grid
 Sheet X Centroid Coordinate: 448,315.36 Sheet Y Centroid Coordinate: 446,852.72



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**5.4.3, ES CHAPTER 3,
 DESCRIPTION OF
 THE PROJECT FIGURES
 FIGURE 3.3 SECTION C:
 MOOR MONKTON TO TADCASTER**



Figure Number
 FIGURE 3.3

Drawing Reference
 806503-WOOD-0286

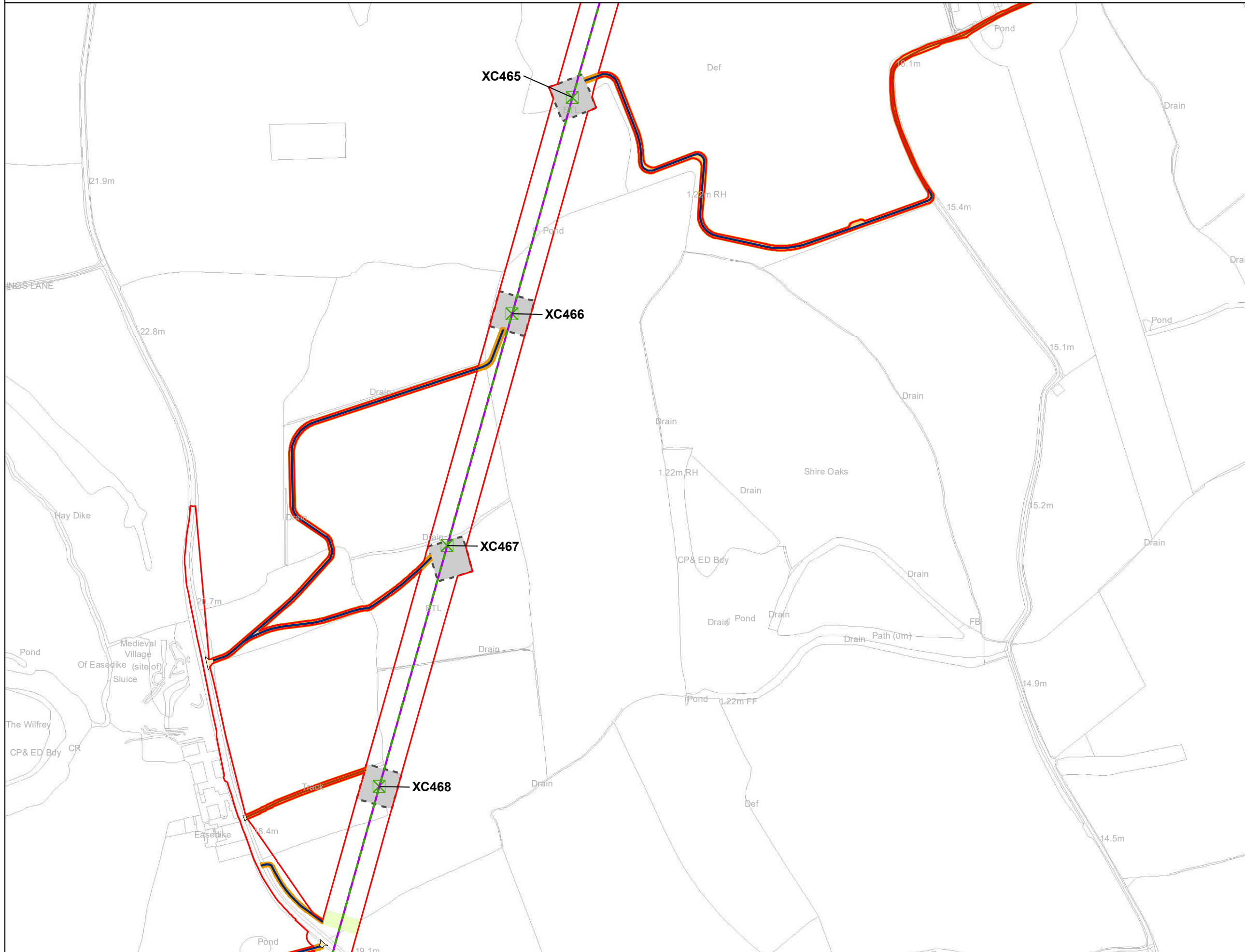
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National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.3 Section C: Moor Monkton to Tadcaster

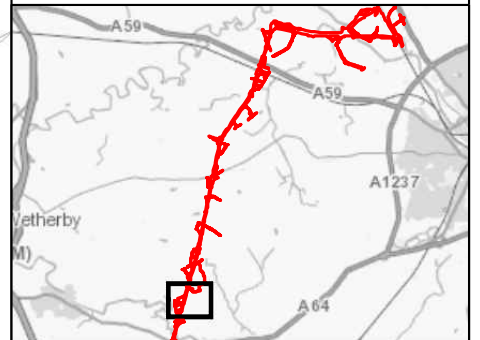
Legend

- Order Limits
- Existing Overhead Line - To be Reconstructed
- Existing Lattice Pylon - To be Modified
- Bellmouth
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas
- Indicative Crossing Protection

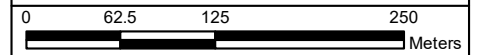


Notes

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A	1 Nov 2022	For DCO Submission	BERNB	DIMMR	CHADC

Title

**5.4.3, ES CHAPTER 3,
 DESCRIPTION OF
 THE PROJECT FIGURES
 FIGURE 3.3 SECTION C:
 MOOR MONKTON TO TADCASTER**



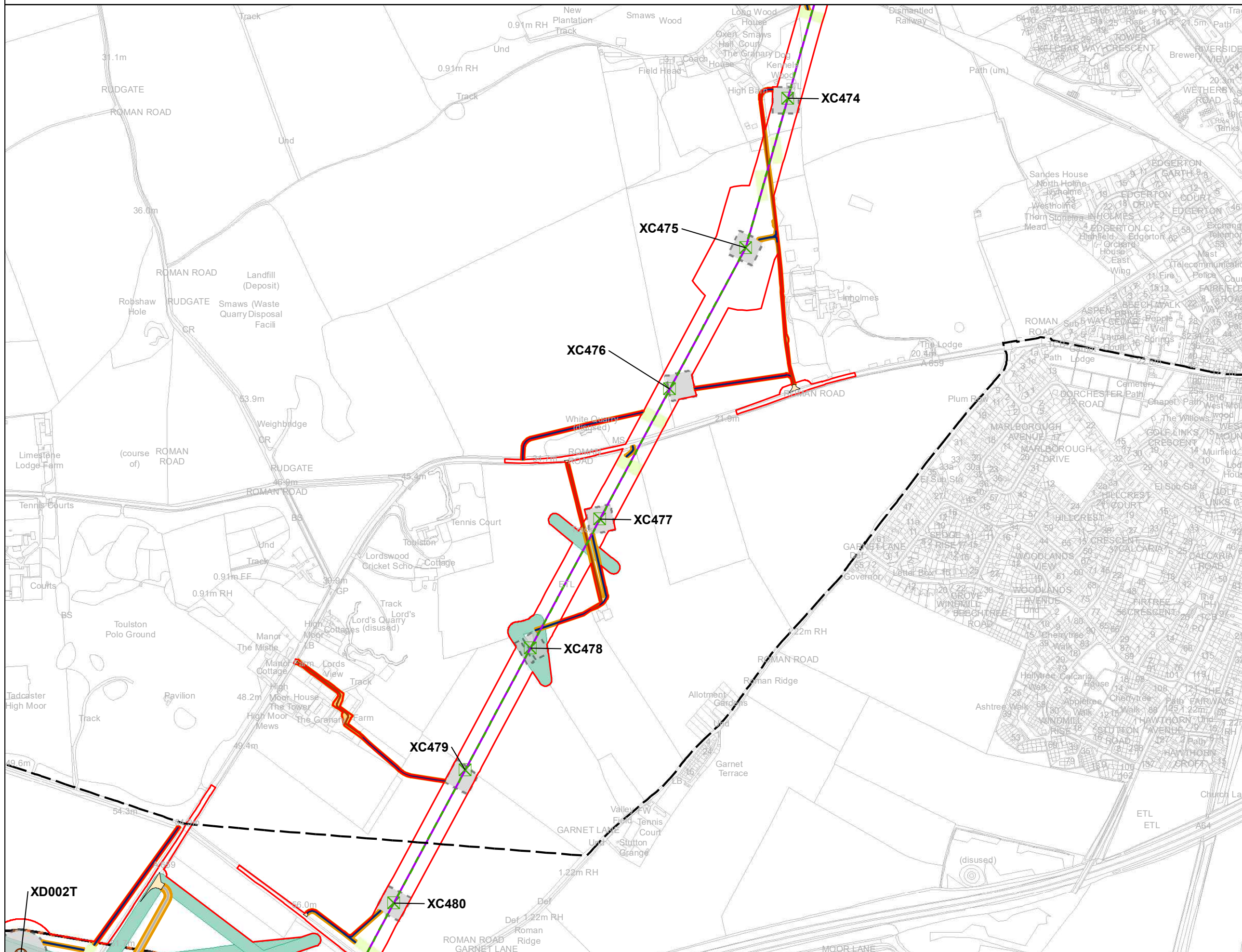
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Scale	Sheet Size	Sheet	Issue
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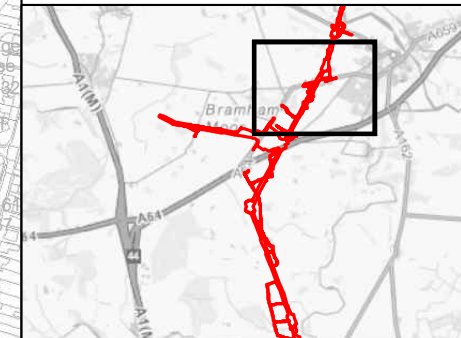
National Grid (Yorkshire Green Energy Enablement Project) Order
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 Figure 3.4 Section D: Tadcaster Area

Legend

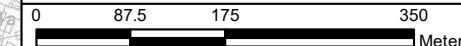
- Order Limits
- Section Breaks
- Existing Overhead Line - To be Reconstructed
- Existing Lattice Pylon - To be Modified
- Indicative Temporary Pylon or Mast
- Bellmouth
- Stone
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas
- Indicative Third Party Limits of Deviation
- Indicative Crossing Protection
- Limits of Deviation



Notes
 This drawing is scaled at paper size A3, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.



Coordinate System: British National Grid
 Sheet X Centroid Coordinate: 446,904.59 Sheet Y Centroid Coordinate: 442,773.98



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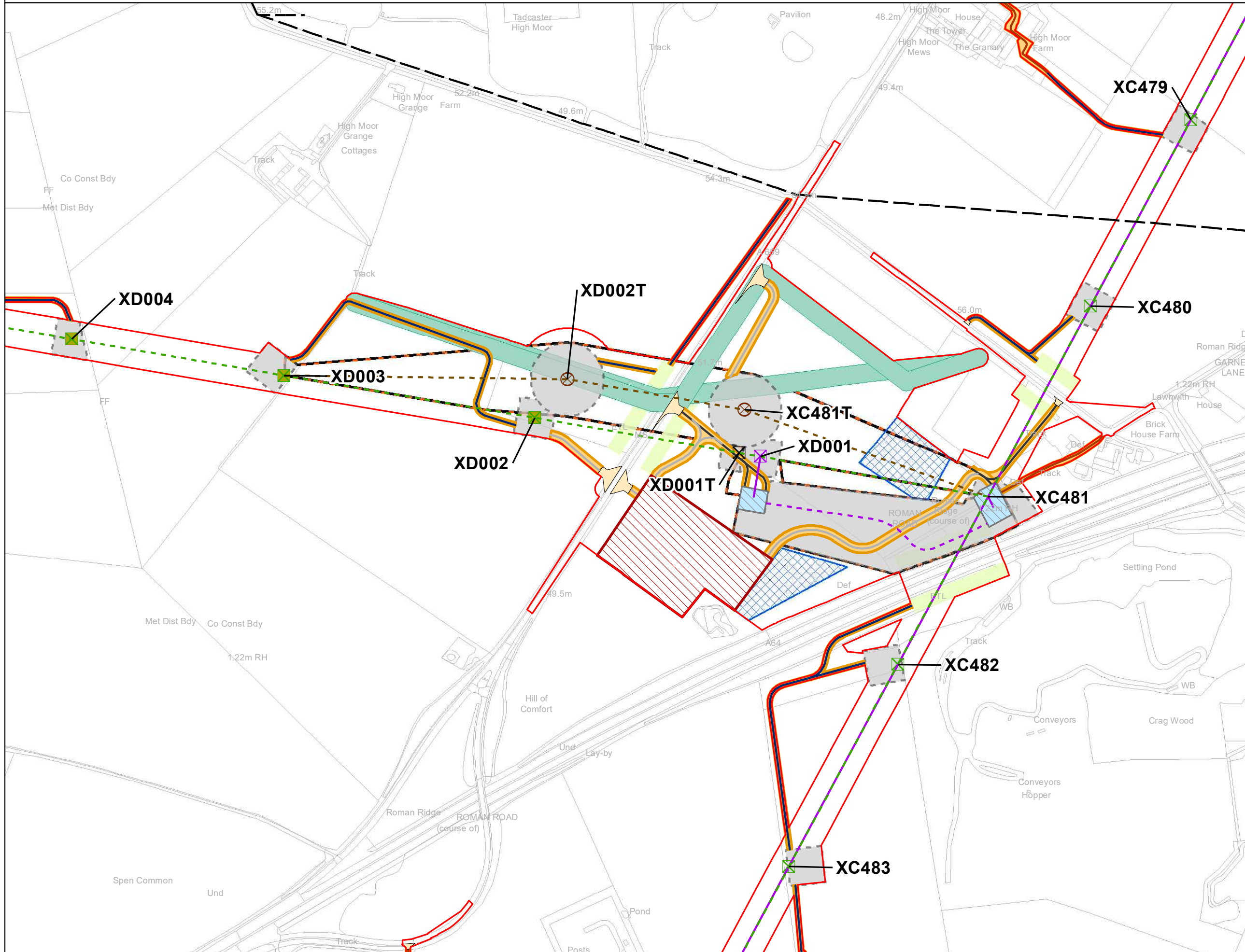
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A	1 Nov 2022	For DCO Submission	BERNB	DIMMR	CHADC

Title
 5.4.3, ES CHAPTER 3,
 DESCRIPTION OF
 THE PROJECT FIGURES
 FIGURE 3.4 SECTION D:
 TADCASTER AREA

nationalgrid			
Figure Number	FIGURE 3.4		
Drawing Reference	806503-WOOD-0287		
Scale	Sheet Size	Sheet	Issue
1:7,000	A3	Page 1 of 4	A

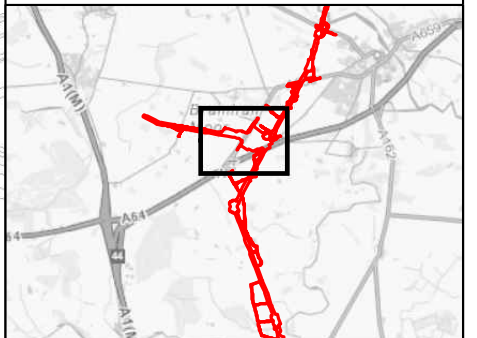


National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.4 Section D: Tadcaster Area

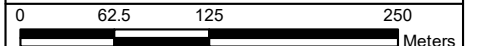


- ### Legend
- Order Limits
 - Section Breaks
 - Indicative New Overhead Line
 - New Build Underground Cable
 - Temporary Overhead Line
 - Existing Overhead Line - To be Modified
 - Existing Overhead Line - To be Reconductored
 - Indicative Construction Compounds
 - Indicative CSEC area
 - Existing Lattice Pylon - To be Modified
 - Existing Lattice Pylon - Not Affected
 - Existing Lattice Pylon - To be Dismantled
 - Indicative New Lattice Pylon
 - Indicative Temporary Pylon or Mast
 - Bellmouth
 - Black top (Permanent)
 - Stone
 - Trackway
 - Existing Track
 - Access Swathes
 - Pylon Working Areas
 - Indicative Third Party Limits of Deviation
 - Indicative Crossing Protection
 - Drainage Mitigation
 - Limits of Deviation

Notes
 This drawing is scaled at paper size A3, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.



Coordinate System: British National Grid
 Sheet X Centroid Coordinate: 445.821.92 Sheet Y Centroid Coordinate: 441.723.05



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Issue	Date	Remarks	Drawn	Checked	Approved
A	1 Nov 2022	For DCO Submission	BERNB	DIMMR	CHADC

Title
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 DESCRIPTION OF
 THE PROJECT FIGURES
 FIGURE 3.4 SECTION D:
 TADCASTER AREA

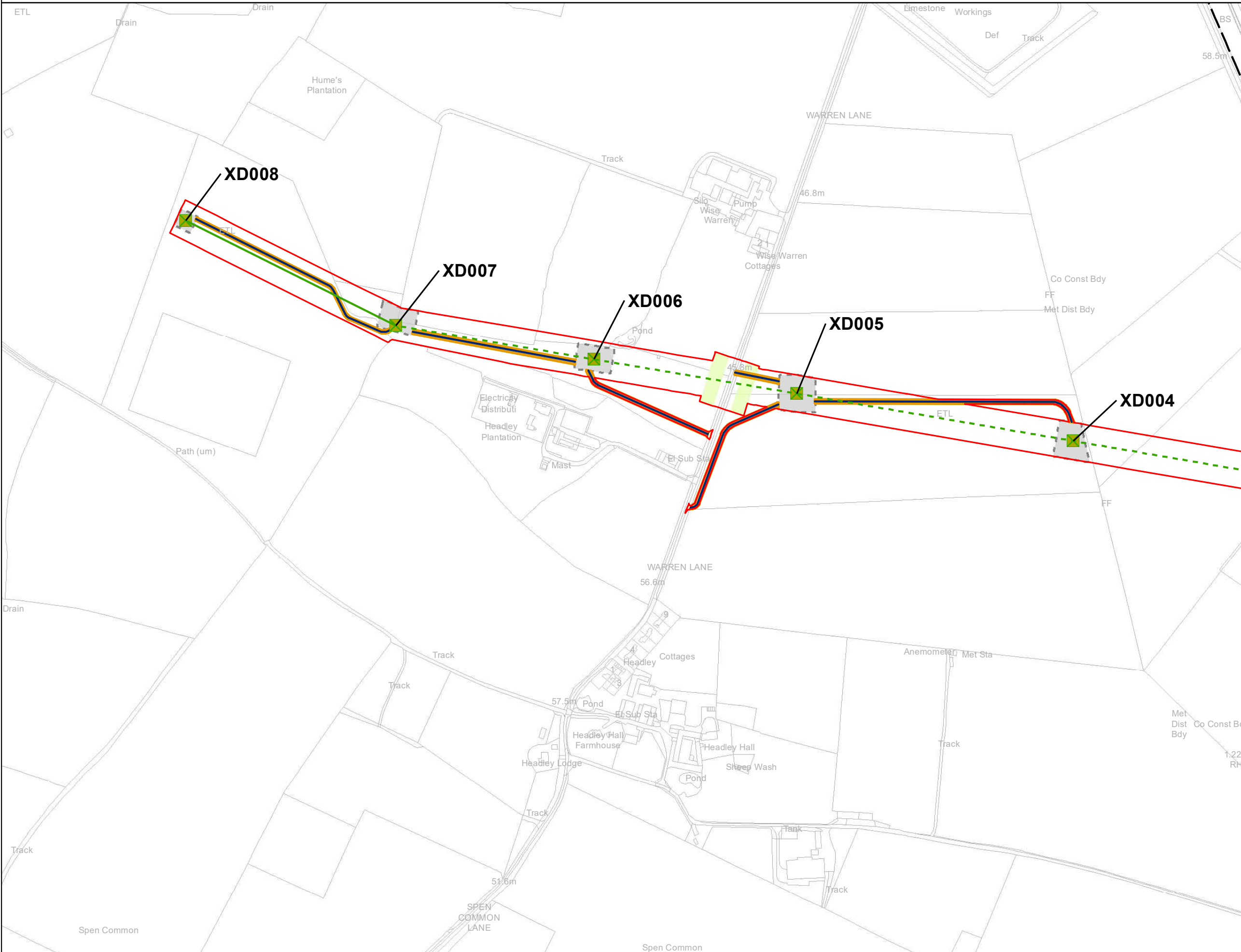
nationalgrid			
Figure Number		FIGURE 3.4	
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Scale	Sheet Size	Sheet	Issue
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National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.4 Section D: Tadcaster Area

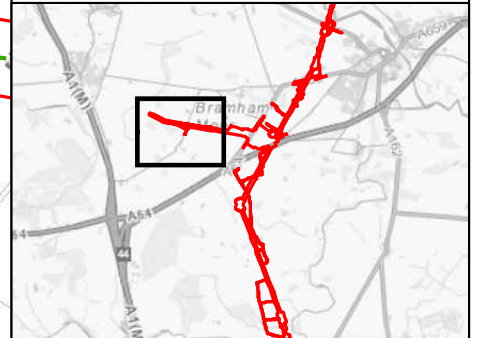
Legend

- Order Limits
- Section Breaks
- Existing Overhead Line - Not Affected
- Existing Overhead Line - To be Modified
- Existing Lattice Pylon - Not Affected
- Bellmouth
- Trackway
- Access Swathes
- Pylon Working Areas
- Indicative Crossing Protection

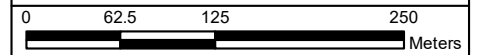


Notes

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Coordinate System: British National Grid
 Sheet X Centroid Coordinate: 444,443.96 Sheet Y Centroid Coordinate: 441,862.75



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Issue	Date	Remarks	Drawn	Checked	Approved
A	1 Nov 2022	For DCO Submission	BERNB	DIMMR	CHADC

Title

**5.4.3, ES CHAPTER 3,
 DESCRIPTION OF
 THE PROJECT FIGURES
 FIGURE 3.4 SECTION D:
 TADCASTER AREA**



Figure Number
 FIGURE 3.4

Drawing Reference
 806503-WOOD-0287

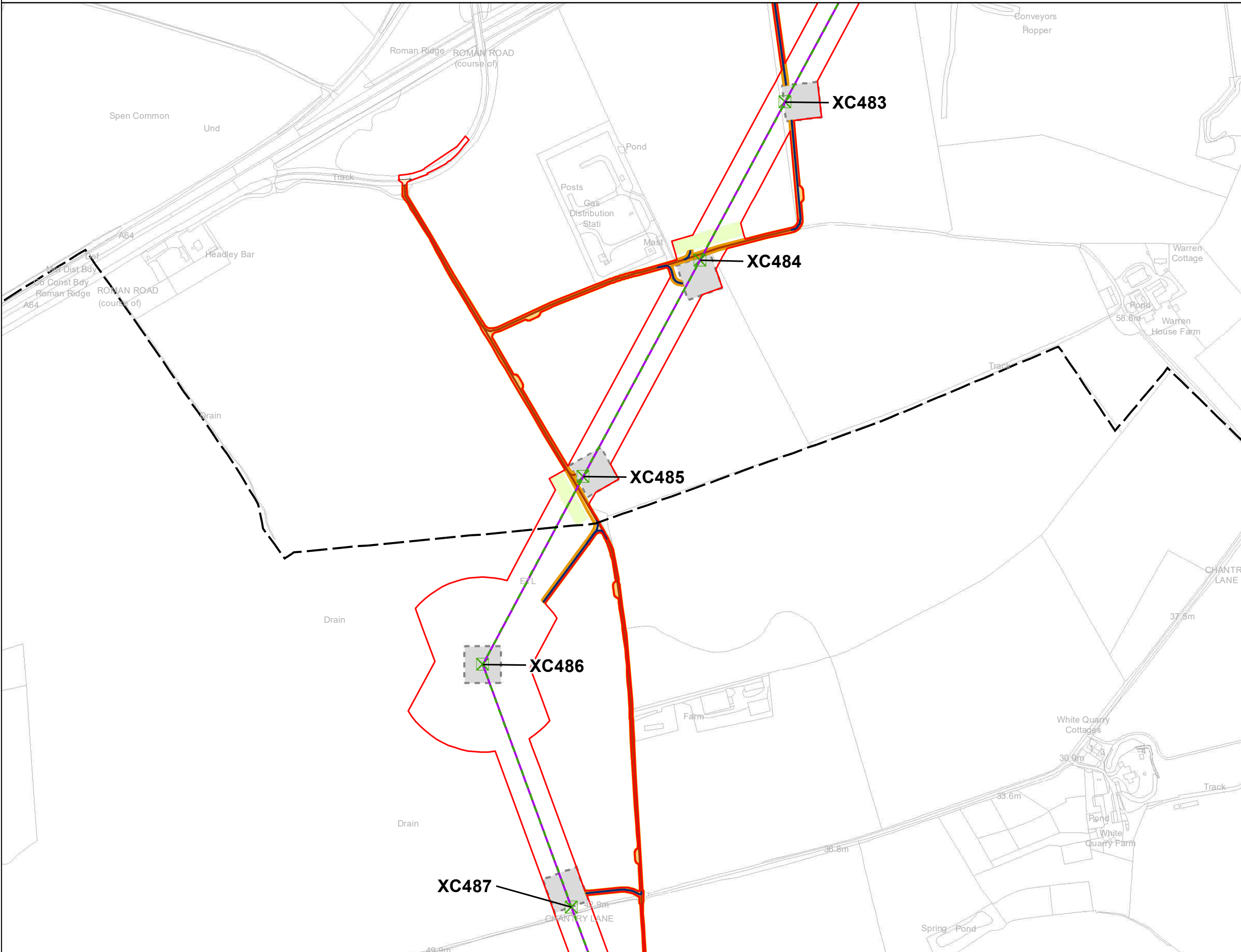
Scale	Sheet Size	Sheet	Issue
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National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.4 Section D: Tadcaster Area

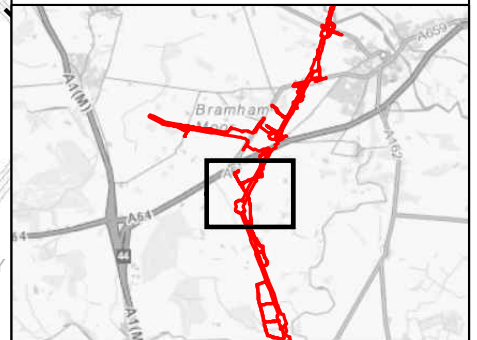
Legend

- Order Limits
- Section Breaks
- Existing Overhead Line - To be Reconductored
- Existing Lattice Pylon - To be Modified
- Bellmouth
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas
- Indicative Crossing Protection

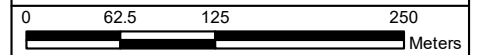


Notes

This drawing is scaled at paper size A3, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.



Coordinate System: British National Grid
 Sheet X Centroid Coordinate: 445,821.92 Sheet Y Centroid Coordinate: 440,675.30



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Issue	Date	Remarks	Drawn	Checked	Approved
A	1 Nov 2022	For DCO Submission	BERNB	DIMMR	CHADC

Title

5.4.3, ES CHAPTER 3,
 DESCRIPTION OF
 THE PROJECT FIGURES
 FIGURE 3.4 SECTION D:
 TADCASTER AREA











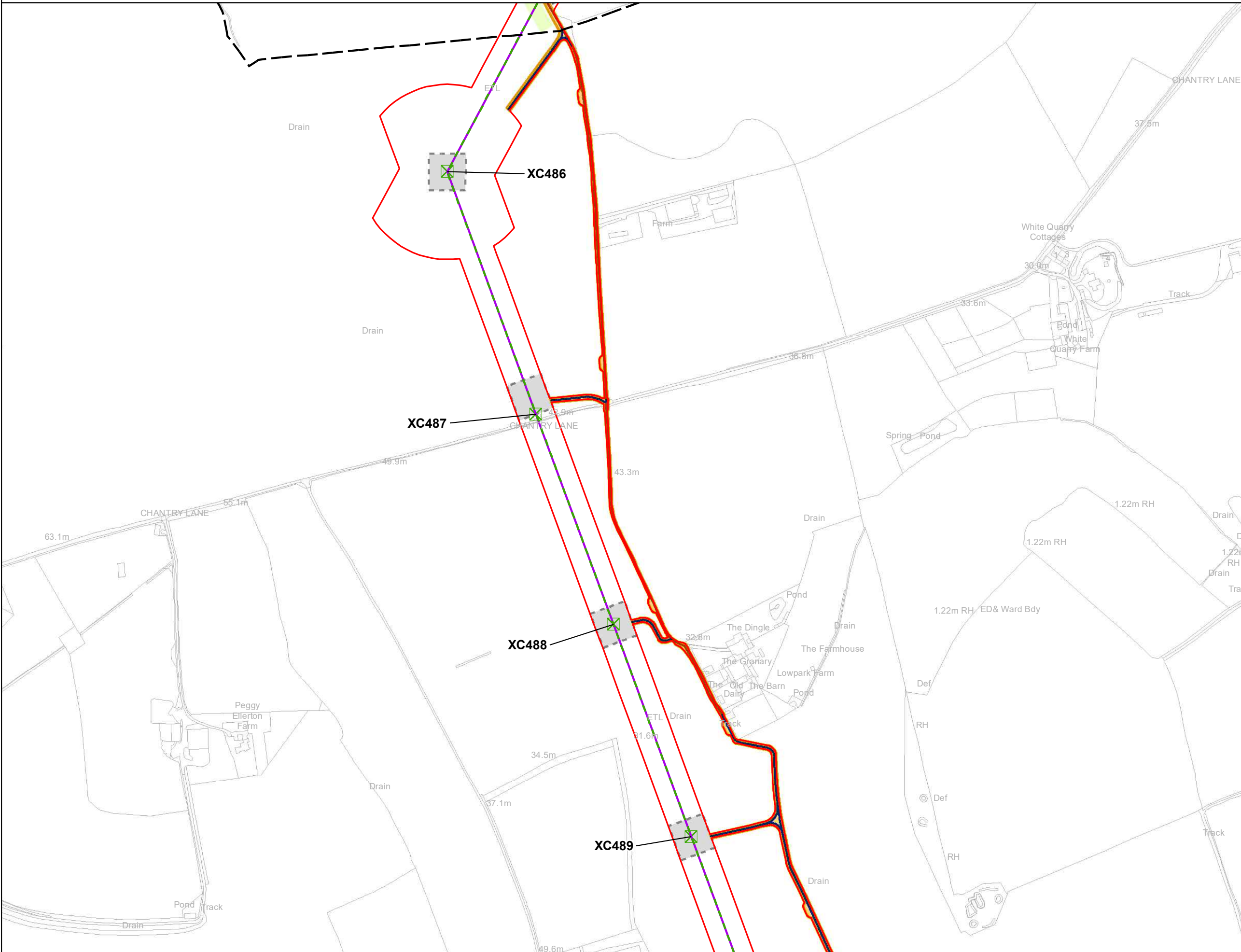
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Drawing Reference	806503-WOOD-0287
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Sheet	Page 4 of 4
Issue	A



National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.5 Section E: Tadcaster to Monk Fryston

Legend

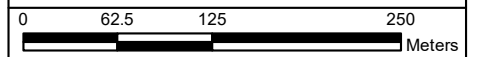
-  Order Limits
-  Section Breaks
-  Existing Overhead Line - To be Reconstructed
-  Existing Lattice Pylon - To be Modified
-  Indicative Crossing Protection
-  Trackway
-  Access Swathes
-  Pylon Working Areas



Notes
 This drawing is scaled at paper size A3, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.



Coordinate System: British National Grid
 Sheet X Centroid Coordinate: 445,870.80 Sheet Y Centroid Coordinate: 440,000.00



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Issue	Date	Remarks	Drawn	Checked	Approved
A	1 Nov 2022	For DCO Submission	BERNB	DIMMR	CHADC

Title
 5.4.3, ES CHAPTER 3,
 DESCRIPTION OF THE
 PROJECT FIGURES
 FIGURE 3.5 SECTION E:
 TADCASTER TO MONK FRYSTON



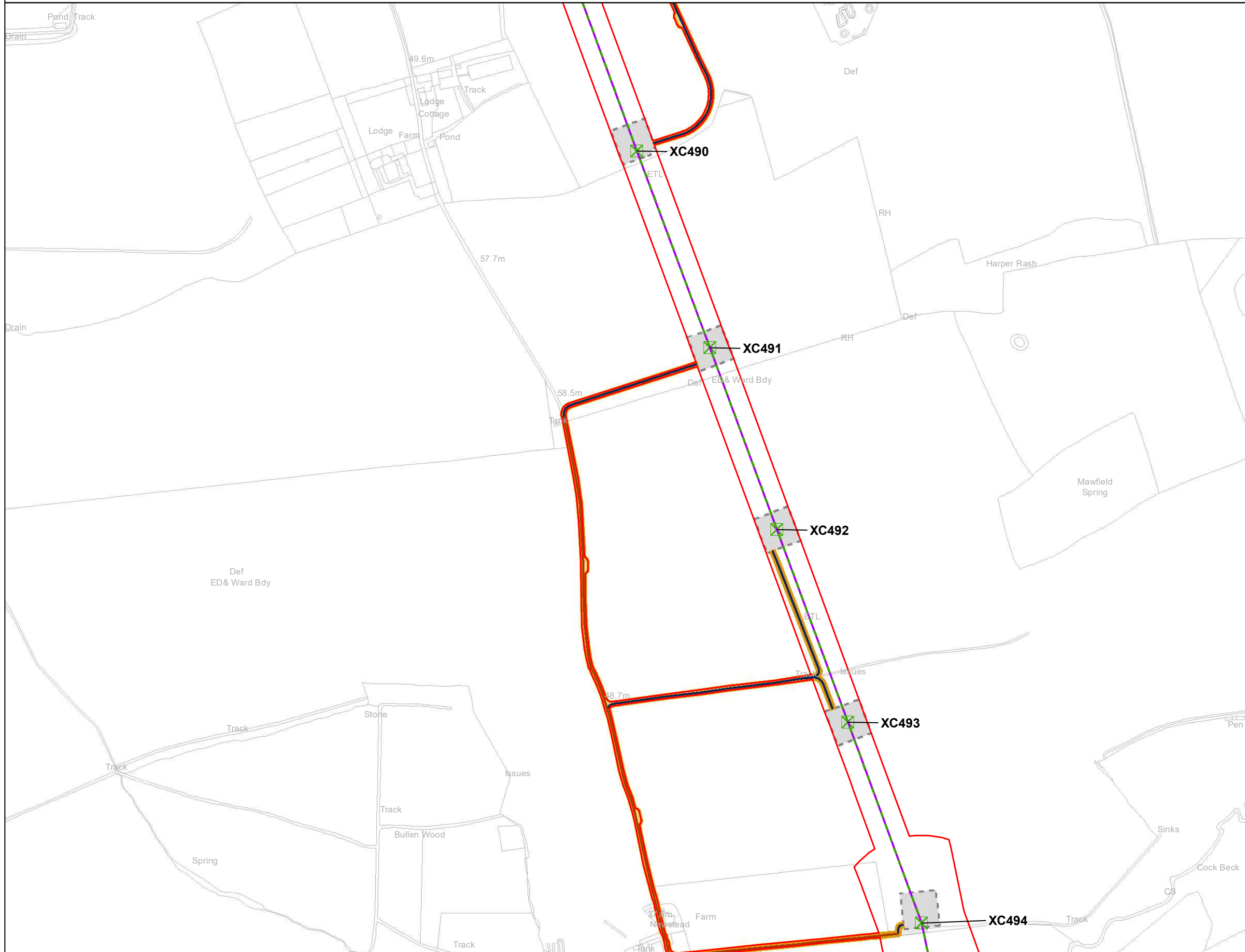
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Drawing Reference	806503-WOOD-0288		
Scale	Sheet Size	Sheet	Issue
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National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.5 Section E: Tadcaster to Monk Fyston

Legend

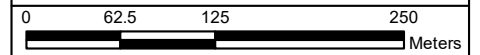
- Order Limits
- Existing Overhead Line - To be Reconstructed
- Existing Lattice Pylon - To be Modified
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas



Notes
 This drawing is scaled at paper size A3, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.



Coordinate System: British National Grid
 Sheet X Centroid Coordinate: 446,053.17 Sheet Y Centroid Coordinate: 438,780.27



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Issue	Date	Remarks	Drawn	Checked	Approved
A	1 Nov 2022	For DCO Submission	BERNB	DIMMR	CHADC

Title
 5.4.3, ES CHAPTER 3,
 DESCRIPTION OF THE
 PROJECT FIGURES
 FIGURE 3.5 SECTION E:
 TADCASTER TO MONK FRYSTON



Figure Number
 FIGURE 3.5

Drawing Reference
 806503-WOOD-0288

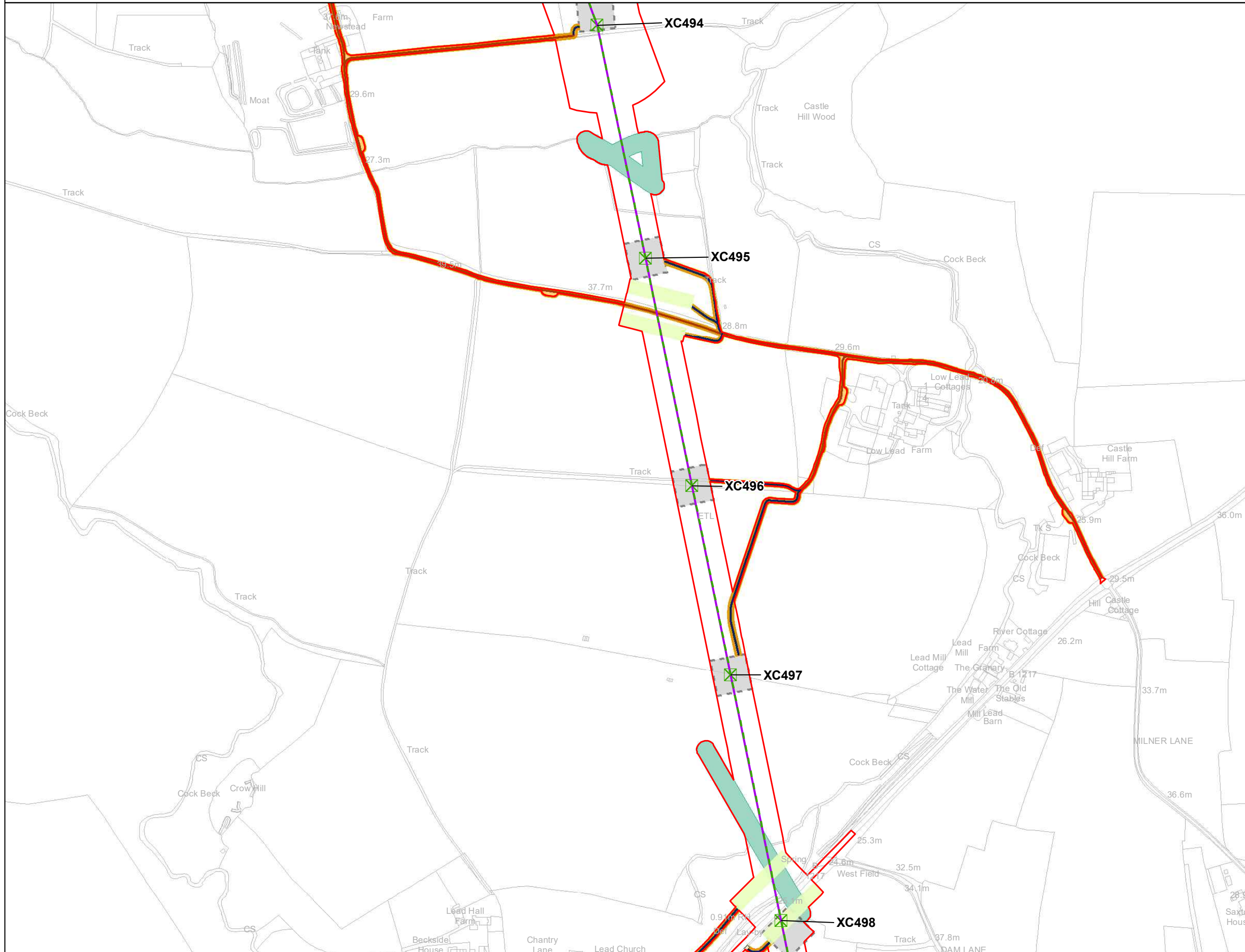
Scale	Sheet Size	Sheet	Issue
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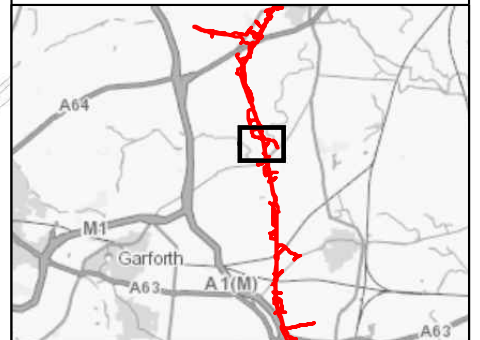
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 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.5 Section E: Tadcaster to Monk Fryston

Legend

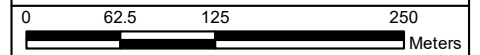
- Order Limits
- Existing Overhead Line - To be Reconstructed
- Existing Lattice Pylon - To be Modified
- Indicative Crossing Protection
- Bellmouth
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas
- Indicative Third Party Limits of Deviation



Notes
 This drawing is scaled at paper size A3, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.



Coordinate System: British National Grid
 Sheet X Centroid Coordinate: 446,497.87 Sheet Y Centroid Coordinate: 437,549.95



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Issue	Date	Remarks	Drawn	Checked	Approved
A	1 Nov 2022	For DCO Submission	BERNB	DIMMR	CHADC

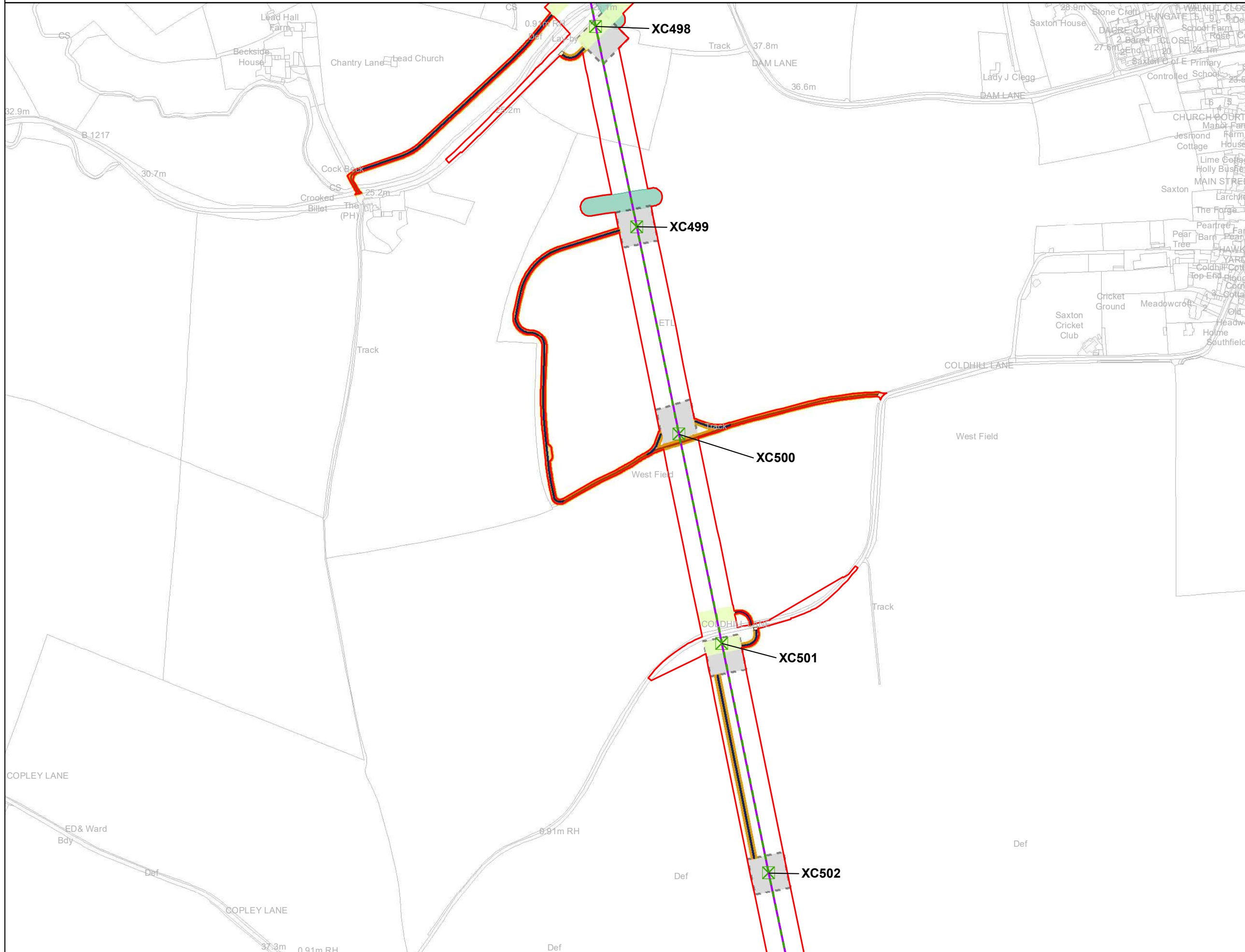
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 DESCRIPTION OF THE
 PROJECT FIGURES
 FIGURE 3.5 SECTION E:
 TADCASTER TO MONK FRYSTON



Figure Number	FIGURE 3.5		
Drawing Reference	806503-WOOD-0288		
Scale	Sheet Size	Sheet	Issue
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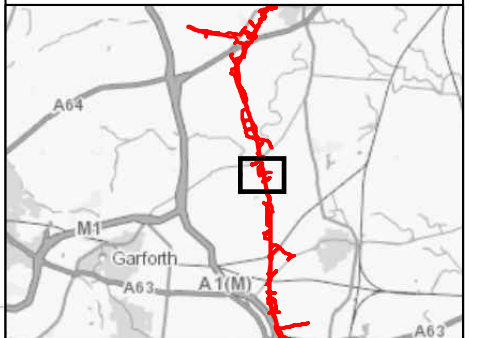


National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.5 Section E: Tadcaster to Monk Fryston

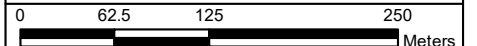


- Legend**
- Order Limits
 - Existing Overhead Line - To be Reconstructed
 - Existing Lattice Pylon - To be Modified
 - Indicative Crossing Protection
 - Bellmouth
 - Trackway
 - Existing Track
 - Access Swathes
 - Pylon Working Areas
 - Indicative Third Party Limits of Deviation

Notes
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Coordinate System: British National Grid
 Sheet X Centroid Coordinate: 446,751.87 Sheet Y Centroid Coordinate: 436,324.93



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Issue	Date	Remarks	Drawn	Checked	Approved

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 DESCRIPTION OF THE
 PROJECT FIGURES
 FIGURE 3.5 SECTION E:
 TADCASTER TO MONK FRYSTON

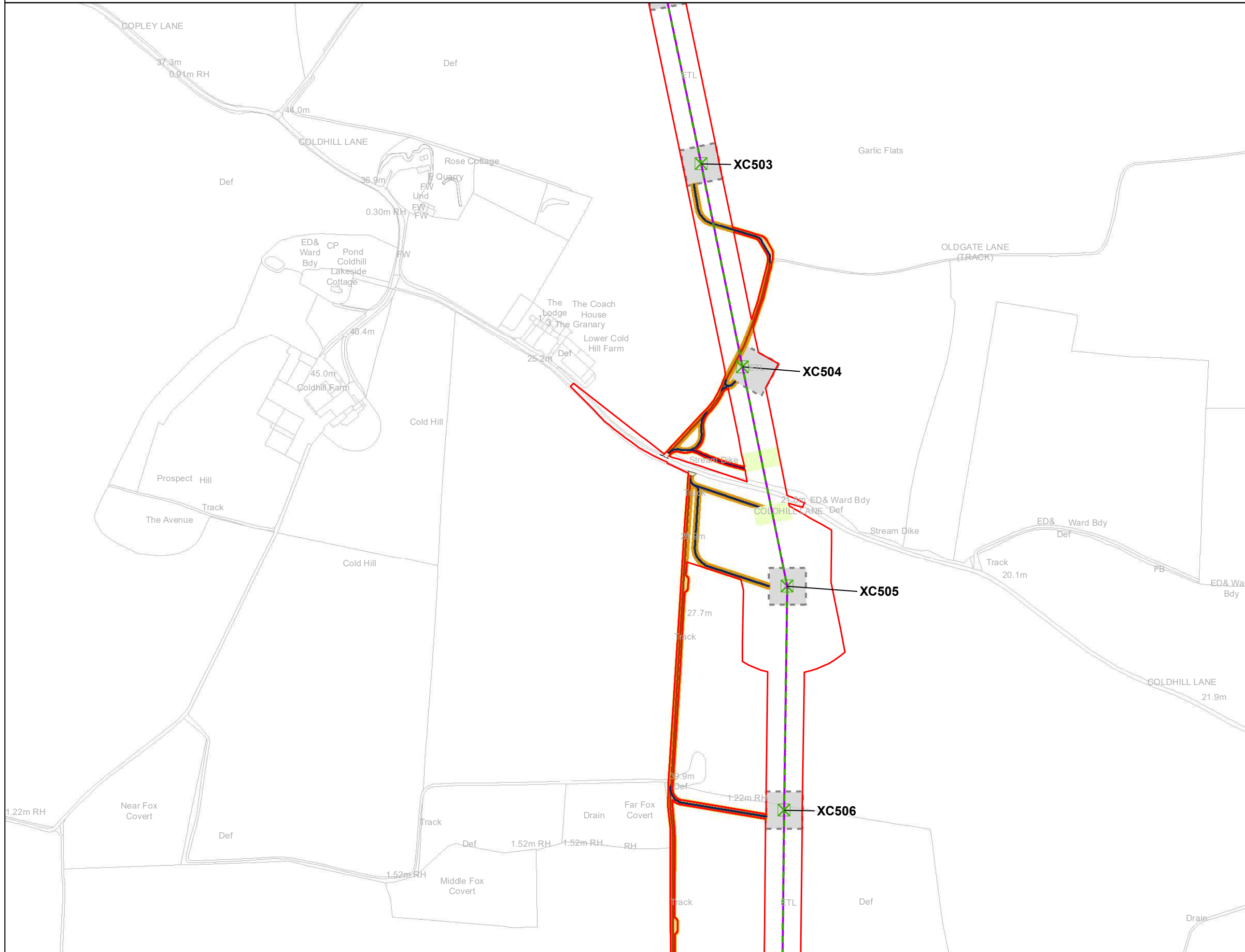
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National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.5 Section E: Tadcaster to Monk Fryston

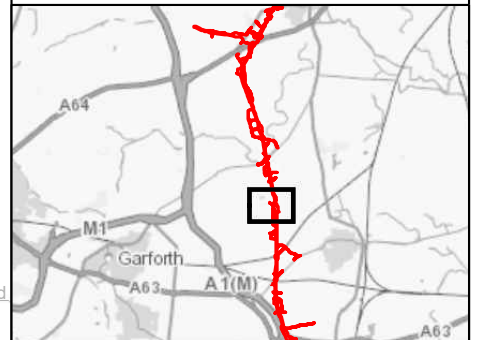
Legend

- Order Limits
- Existing Overhead Line - To be Reconstructed
- Existing Lattice Pylon - To be Modified
- Indicative Crossing Protection
- Bellmouth
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas

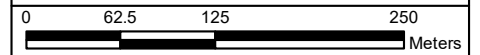


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Coordinate System: British National Grid
 Sheet X Centroid Coordinate: 446,894.54 Sheet Y Centroid Coordinate: 435,113.13



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**5.4.3, ES CHAPTER 3,
 DESCRIPTION OF THE
 PROJECT FIGURES
 FIGURE 3.5 SECTION E:
 TADCASTER TO MONK FRYSTON**



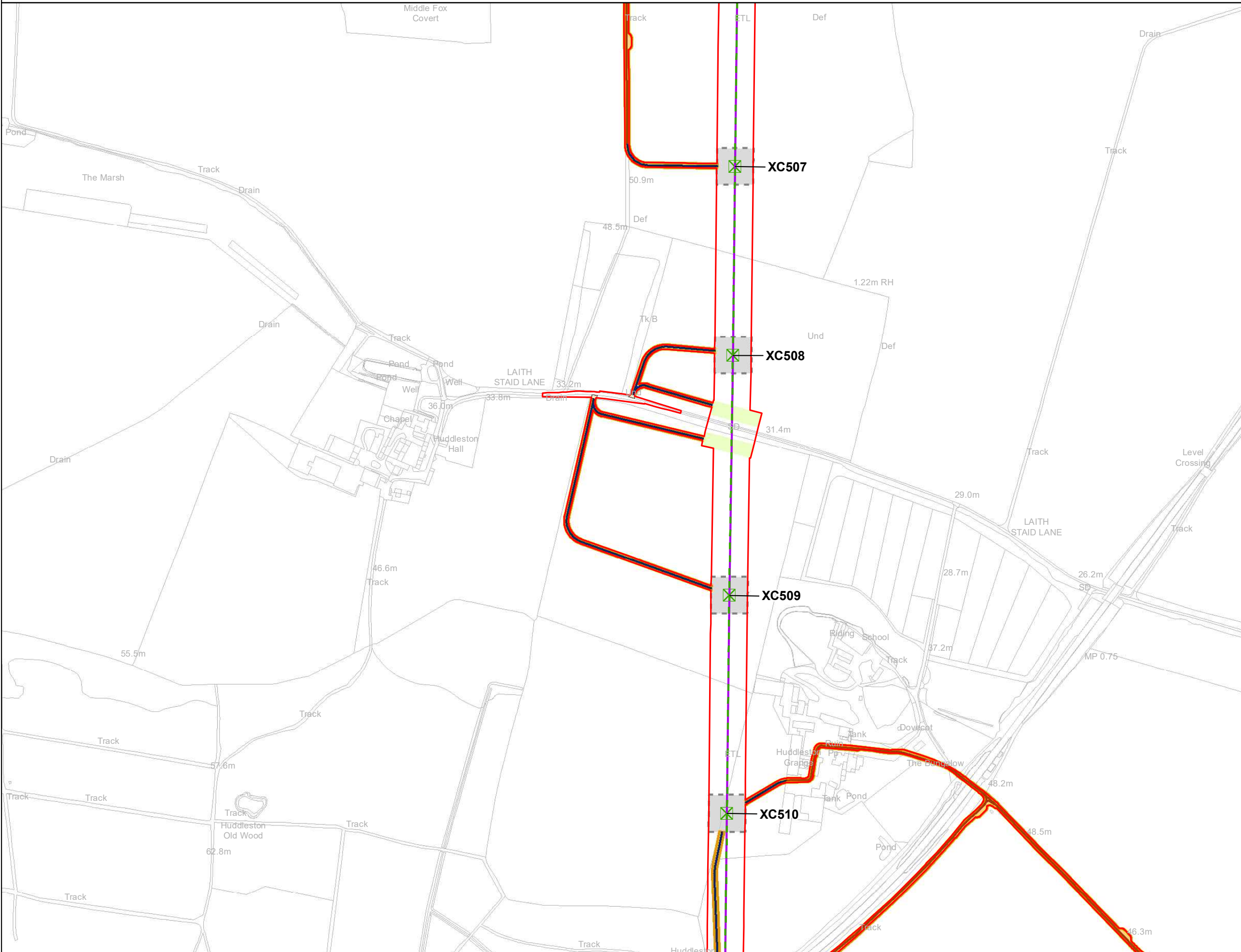
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National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.5 Section E: Tadcaster to Monk Fyston

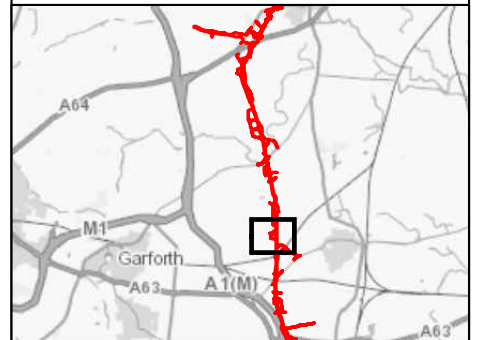
Legend

- Order Limits
- Existing Overhead Line - To be Reconstructed
- Existing Lattice Pylon - To be Modified
- Indicative Crossing Protection
- Bellmouth
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas

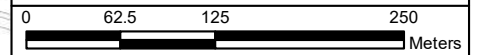


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Coordinate System: British National Grid
 Sheet X Centroid Coordinate: 446,952.75 Sheet Y Centroid Coordinate: 433,901.34



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Title

**5.4.3, ES CHAPTER 3,
 DESCRIPTION OF THE
 PROJECT FIGURES
 FIGURE 3.5 SECTION E:
 TADCASTER TO MONK FRYSTON**



Figure Number
 FIGURE 3.5

Drawing Reference
 806503-WOOD-0288

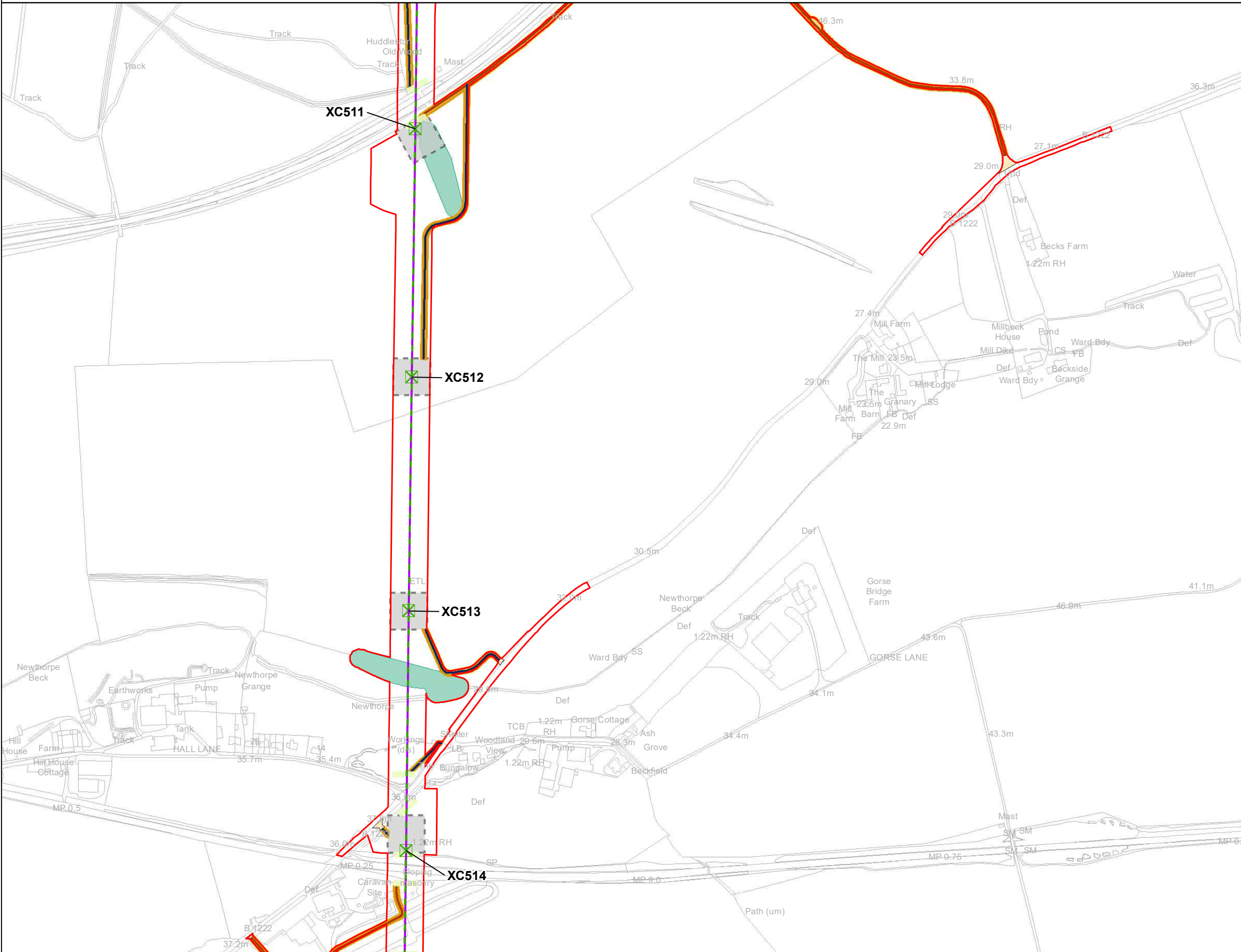
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National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.5 Section E: Tadcaster to Monk Fryston

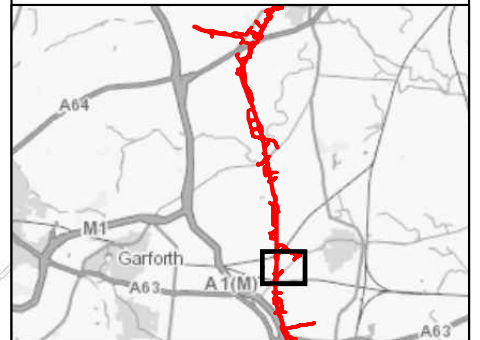
Legend

- Order Limits
- Existing Overhead Line - To be Reconstructed
- Existing Lattice Pylon - To be Modified
- Indicative Crossing Protection
- Bellmouth
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas
- Indicative Third Party Limits of Deviation

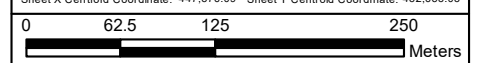


Notes

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Coordinate System: British National Grid
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**5.4.3, ES CHAPTER 3,
 DESCRIPTION OF THE
 PROJECT FIGURES
 FIGURE 3.5 SECTION E:
 TADCASTER TO MONK FRYSTON**



Figure Number	FIGURE 3.5		
Drawing Reference	806503-WOOD-0288		
Scale	Sheet Size	Sheet	Issue
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National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.5 Section E: Tadcaster to Monk Fryston

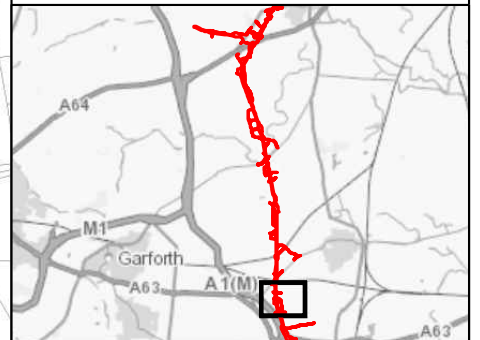
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- Order Limits
- Existing Overhead Line - To be Reconstructed
- Existing Lattice Pylon - To be Modified
- Indicative Crossing Protection
- Bellmouth
- ▲ Culvert / bridge
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas

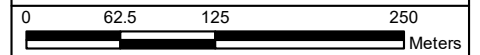


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Coordinate System: British National Grid
 Sheet X Centroid Coordinate: 447,360.21 Sheet Y Centroid Coordinate: 431,411.60



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Issue	Date	Remarks	Drawn	Checked	Approved
A	1 Nov 2022	For DCO Submission	BERNB	DIMMR	CHADC

Title

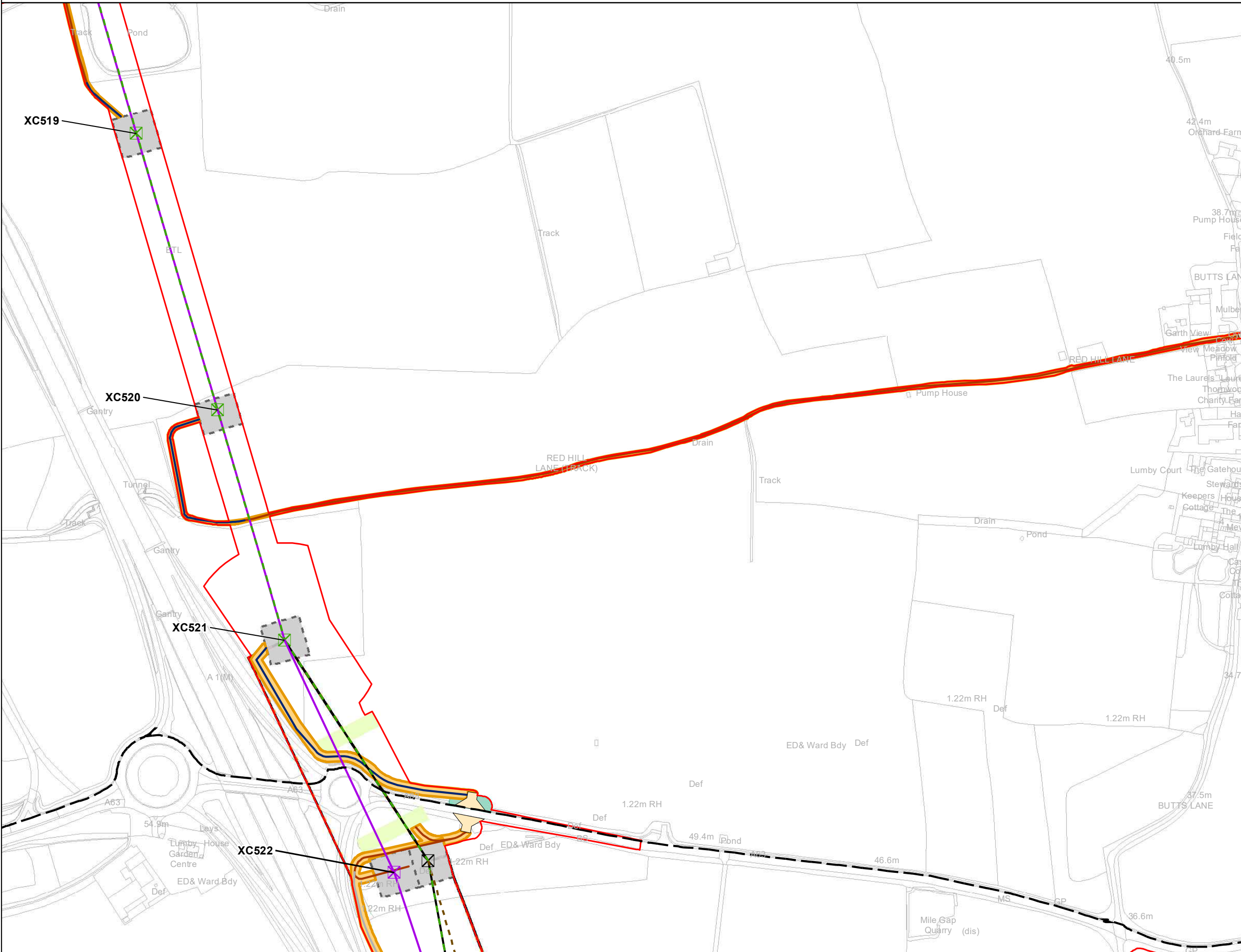
**5.4.3, ES CHAPTER 3,
 DESCRIPTION OF THE
 PROJECT FIGURES
 FIGURE 3.5 SECTION E:
 TADCASTER TO MONK FRYSTON**



Figure Number		FIGURE 3.5	
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Scale	Sheet Size	Sheet	Issue
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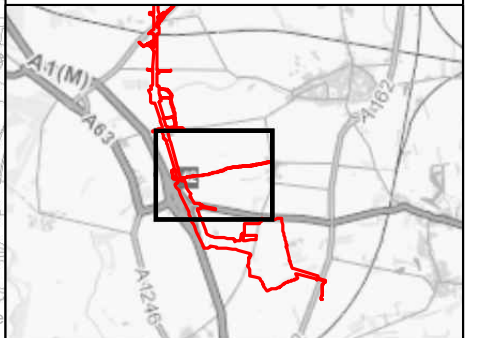
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 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.6 Section F: Monk Fyston Area



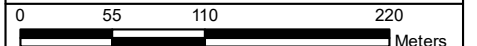
Legend

- Order Limits
- Section Breaks
- Indicative New Overhead Line
- Temporary Overhead Line
- Existing Overhead Line - To be Reconductored
- Existing Overhead Line - To be Dismantled
- Existing Lattice Pylon - To be Modified
- Existing Lattice Pylon - To be Dismantled
- Indicative New Lattice Pylon
- Bellmouth
- Stone
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas
- Indicative Crossing Protection
- Indicative Third Party Limits of Deviation
- Limits of Deviation

Notes
 This drawing is scaled at paper size A3, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.



Coordinate System: British National Grid
 Sheet X Centroid Coordinate: 447,854.39 Sheet Y Centroid Coordinate: 430,270.52



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Issue	Date	Remarks	Drawn	Checked	Approved
A	1 Nov 2022	For DCO Submission	BERNB	DIMMR	CHADC

Title

5.4.3, ES CHAPTER 3,
 DESCRIPTION OF THE
 PROJECT FIGURES
 FIGURE 3.6 SECTION F:
 MONK FRYSTON AREA

nationalgrid

Figure Number: **FIGURE 3.6**

Drawing Reference: **806503-WOOD-0289**

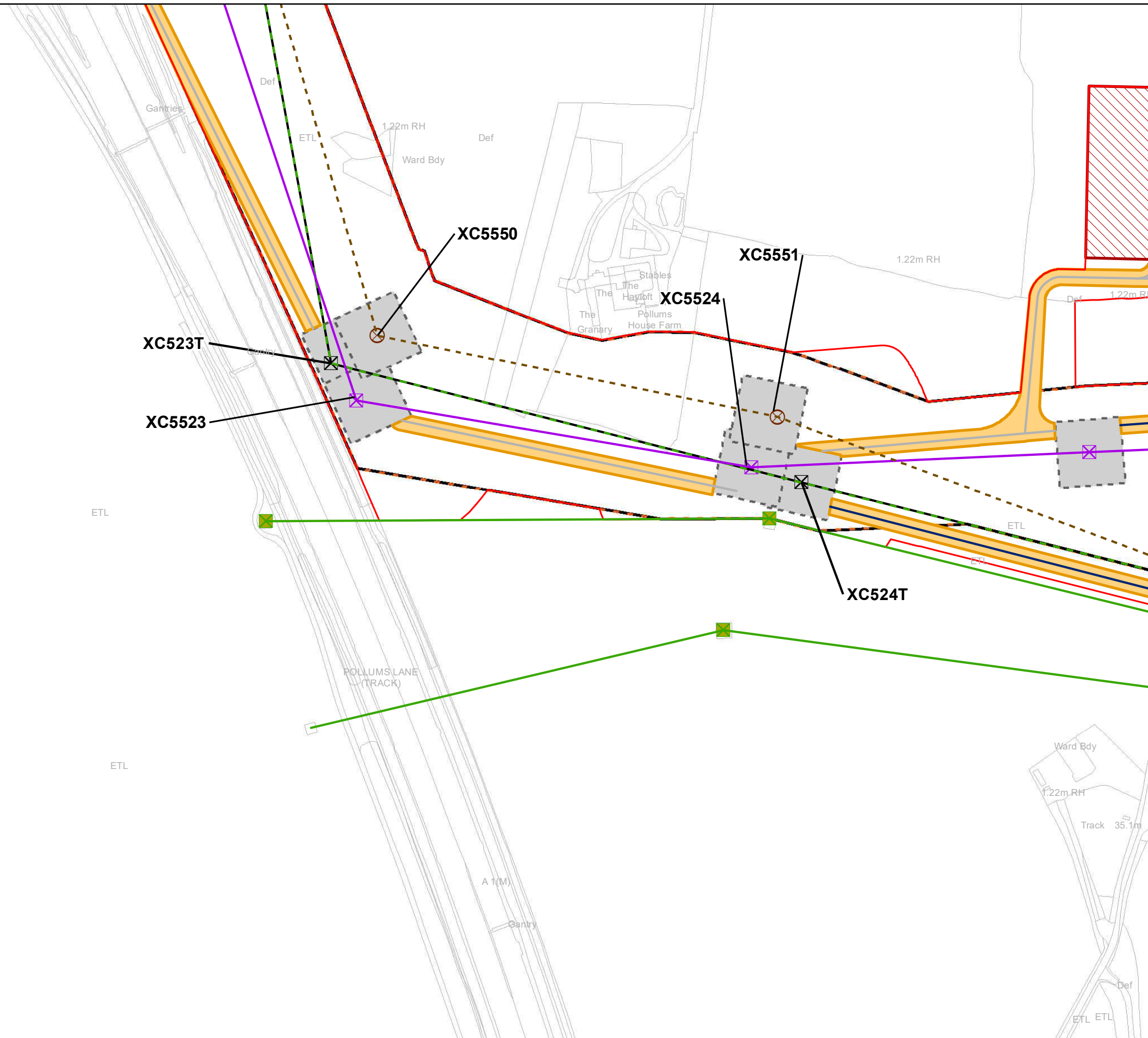
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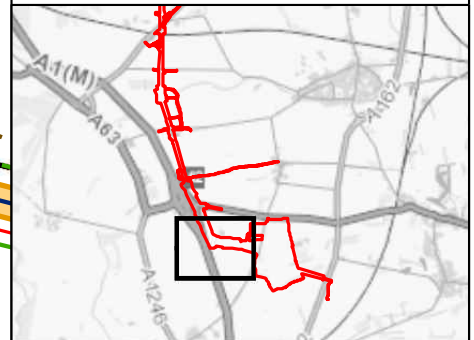
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 Figure 3.6 Section F: Monk Fyston Area

Legend

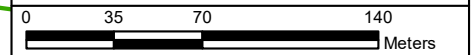
- Order Limits
- Indicative New Overhead Line
- Temporary Overhead Line
- Existing Overhead Line - Not Affected
- Existing Overhead Line - To be Dismantled
- Indicative Construction Compounds
- Existing Lattice Pylon - Not
- Existing Lattice Pylon - To be
- Indicative New Lattice Pylon
- Indicative Temporary Pylon or Mast
- Stone
- Trackway
- Access Swathes
- Pylon Working Areas
- Limits of Deviation



Notes
 This drawing is scaled at paper size A3, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.



Coordinate System: British National Grid
 Sheet X Centroid Coordinate: 447,785.58 Sheet Y Centroid Coordinate: 429,300.91



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Issue	Date	Remarks	Drawn	Checked	Approved
A	1 Nov 2022	For DCO Submission	BERNB	DIMMR	CHADC

Title
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 DESCRIPTION OF THE
 PROJECT FIGURES
 FIGURE 3.6 SECTION F:
 MONK FRYSTON AREA



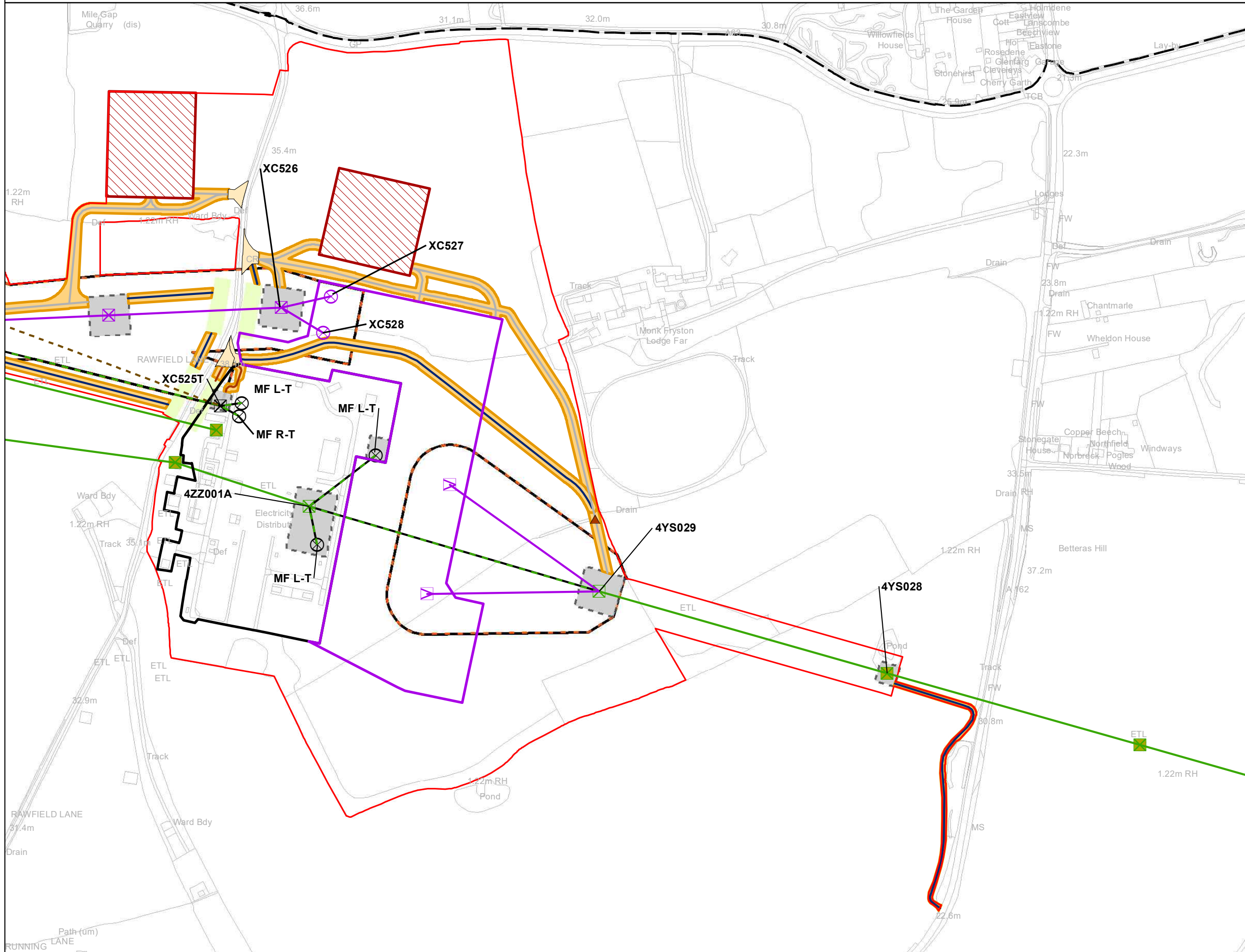
Figure Number
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Drawing Reference
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Scale	Sheet Size	Sheet	Issue
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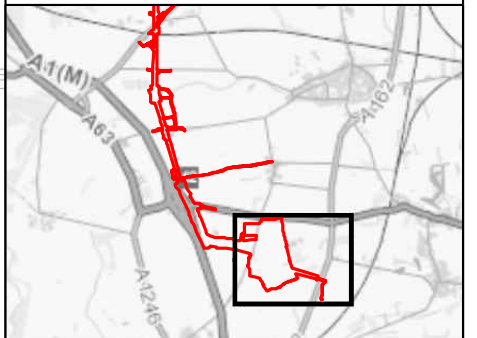


National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.6 Section F: Monk Fyston Area

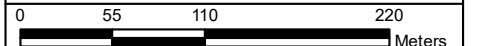


- ### Legend
- Order Limits
 - Section Breaks
 - Proposed Substation
 - Existing Substation
 - Indicative New Overhead Line
 - Temporary Overhead Line
 - Existing Overhead Line - Not Affected
 - Existing Overhead Line - To be Dismantled
 - Indicative Construction Compounds
 - Existing Lattice Pylon - To be Modified
 - Existing Lattice Pylon - Not Affected
 - Existing Lattice Pylon - To be Dismantled
 - Existing Gantry - To be Dismantled
 - Indicative New Lattice Pylon
 - Indicative New Gantry
 - Indicative New Full Line Tension Gantry
 - Bellmouth
 - Culvert / bridge
 - Stone
 - Trackway
 - Existing Track
 - Access Swathes
 - Pylon Working Areas
 - Indicative Crossing Protection
 - Limits of Deviation

Notes
 This drawing is scaled at paper size A3, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.



Coordinate System: British National Grid
 Sheet X Centroid Coordinate: 448,893.83 Sheet Y Centroid Coordinate: 429,152.66

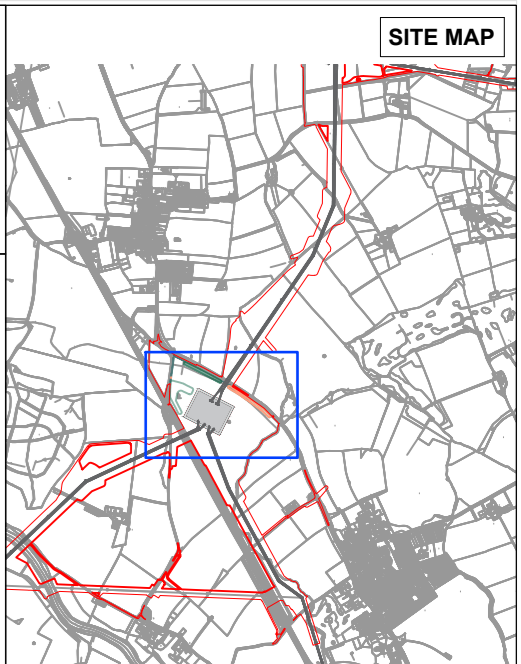


BACKGROUND MAPPING INFORMATION HAS BEEN REPRODUCED FROM THE ORDNANCE SURVEY BY PERMISSION OF ORDNANCE SURVEY OF THE CONTROLLER OF HER MAJESTY'S STATIONERY OFFICE. © CROWN COPYRIGHT ORDNANCE SURVEY, NATIONAL GRID ELECTRICITY - 100024241, NATIONAL GRID GAS - 100024886.

Issue	Date	Remarks	Drawn	Checked	Approved
A	1 Nov 2022	For DCO Submission	BERNB	DIMMR	CHADC

Title
 5.4.3, ES CHAPTER 3,
 DESCRIPTION OF THE
 PROJECT FIGURES
 FIGURE 3.6 SECTION F:
 MONK FRYSTON AREA

nationalgrid			
Figure Number		FIGURE 3.6	
Drawing Reference		806503-WOOD-0289	
Scale	Sheet Size	Sheet	Issue
1:4,500	A3	Page 3 of 3	A



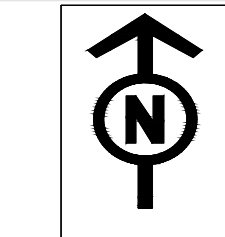
Legend

- Order Limits
- Land returned to former use
- Existing vegetation
- Existing vegetation outside of Order Limits (indicated)
- Existing tree (retained)
- Proposed woodland
- Proposed woodland edge or edge profile
- Proposed hedge reinforcement
- Proposed willow fence
- Existing levels
- Proposed top level contours (for new access existing lease)
- Proposed permanent access track
- Existing waterbody (retained)
- Proposed waterbody

- TARGET METRS**
1. Defined zone 1a
 2. Defined zone 1b
 3. Defined zone 2
 4. Defined zone 3
 5. Defined zone 4

THIS DRAWING IS SCALED AT PAPER SIZE AS THE REFERENCE ANY MEASUREMENTS AT SMALLER SCALES WILL BE THE ACCURACY OF THE MEASUREMENT UNITS AND SHOULD NOT BE SCALED AGAIN.

Rev	Date	By	Check	Approved
1	01/10/2023	AD	SP	AD



National Grid (Yorkshire Green Energy Enablement Project) Order
5.4.3 ES Chapter 3: Description of the Project
Figure 3.10 Outline Landscape Mitigation Strategy (Overton): Plant Schedule and Specification

Mitigation Planting

Species	Common Name
Achillea millefolium	Yarrow
Agrimonia eupatoria	Agrimony
Agrostis capillaris	
Anthoxanthum odoratum	Sweet Vernal-grass
Briza media	Quaking oatgrass
Carex flacca	Glaucous sedge
Centaurea nigra	Common Knapweed
Cynosurus cristatus	Crested Dog's-tail
Festuca rubra	Red Fescue
Filipendula ulmaria	Meadowsweet
Geranium pratense	Meadow Crane's-bill
Knautia arvensis	Field Scabious
Leontodon hispidus	Bristly hawkbit
Leucanthemum vulgare	Ox-eye daisy
Lotus corniculatus	Common Bird's-foot-trefoil
Malva moschata	Musk-mallow
Plantago lanceolata	Ribwort Plantain
Primula veris	Cowslip
Ranunculus acris	Meadow Buttercup
Ranunculus bulbosus	Bulbous Buttercup
Rhinanthus minor	Yellow-rattle
Rumex acetosa	Common sorrel
Silaum silaus	Pepper saxifrage
Tirsetum flavescens	Yellow oatgrass
Vicia cracca	Tufted Vetch

Species	Specification	%
Acer campestre	Transplant : 1+1 : BR	5%
Cornus sanguinea	Transplant : 1+1 : BR	10%
Corylus avellana	Transplant : 1+1 : BR	10%
Crataegus monogyna	Transplant : 1+1 : BR	40%
Prunus spinosa	Transplant : 1+1 : BR	15%
Rhamnus cathartica	Transplant : 1+1 : BR	10%
Rosa arvensis	Transplant : 1+1 : BR	2%
Rosa canina	Transplant : 1+1 : BR	2%
Salix caprea	Transplant : 1+1 : BR	3%
Salix viminalis	Transplant : 1+1 : BR	3%

Species	Specification	%
Acer campestre	Transplant : 1+1 : BR	6%
Alnus glutinosa	Transplant : 1+1 : BR	4%
Betula pendula	Transplant : 1+1 : BR	4%
Betula pubescens	Transplant : 1+1 : BR	2%
Carpinus betulus	Transplant : 1+1 : BR	19%
Cornus sanguinea	Transplant : 1+1 : BR	1%
Corylus avellana	Transplant : 1+1 : BR	3%
Crataegus monogyna	Transplant : 1+1 : BR	5%
Euonymus europaeus	Transplant : 1+1 : BR	1%
Ilex aquifolium	1 yr : Container grown : C2 : Full pot	2%
Ligustrum vulgare	Transplant : 1+1 : BR	2%
Populus tremula	Transplant : 1+1 : BR	3%
Prunus avium	Transplant : 1+1 : BR	9%
Prunus padus	Transplant : 1+1 : BR	3%
Prunus spinosa	Transplant : 1+1 : BR	3%
Quercus petraea	Transplant : 1+1 : BR	9%
Rhamnus cathartica	Seedling : 1+0 : BR	1%
Rosa canina	Seedling : 1+0 : BR	2%
Rubus fruticosus	Seedling : 1+0 : BR	1%
Salix cinerea	Seedling : 1+0 : BR	1%
Salix fragilis	Seedling : 1+0 : BR	1%
Sambucus nigra	Transplant : 1+1 : BR	1%
Sorbus aria	Transplant : 1+1 : BR	8%
Sorbus aucuparia	Transplant : 1+1 : BR	6%
Taxus baccata	1 yr : Container grown : C2 : Full pot	2%
Viburnum lantana	Transplant : 1+1 : BR	1%

Species	Specification	%
Acer campestre	Transplant : 1+2 : BR	13%
Carpinus betulus	Transplant : 1+2 : BR	5%
Corylus avellana	Transplant : 1+2 : BR	10%
Euonymus europaeus	Transplant : 1+2 : BR	10%
Ilex aquifolium	2 yr : Container grown : C2 branched	2%
Prunus avium	Transplant : 1+2 : BR	5%
Prunus spinosa	Transplant : 1+2 : BR	50%
Rosa canina	Transplant : 1+2 : BR	3%
Taxus baccata	Transplant : 1+2 : BR	2%

Species	Specification	%
Quercus robur	Heavy Std : 3X : 12-14cmg : 350-425 cm : Clear stem 175-200cm : BR : 5 brks	65
Carpinus betulus	Heavy Std : 3X : 12-14cmg : 350-425 cm : Clear stem 175-200cm : BR : 5 brks	35

SOFTWORKS SPECIFICATION

Soils

All soil handling and storage to be undertaken in accordance with the following British Standards and industry Codes of practice:

BS 1377: 1990 Soils for Civil Engineering Purposes

BS 8601: 2013 Specification for Subsoil and Requirements for Use

BS 3882: 2015 Specification for Topsoil

Contractor to check the locations of all underground services, existing and proposed, prior any earthworks. Potential conflicts must be raised immediately with the site/project manager.

Separate topsoil and subsoil when storing. Do not compact or mishandle. Stripping and storage must be undertaken in appropriate weather conditions.

Mounds and bunds to be formed of clean parent subsoil prior to topsoil placement.

Wildflower meadow areas to be formed of subsoil only: rip subsoils with tine to 150mm and grade to a medium tilth, free of peaks, hollows and debris. Blade grade to fine tilth and restrict access.

After spreading, topsoil is to be cultivated and blade graded. Remove large stones and other material (advance screening is recommended). Use a light roller to firm surface without compaction.

Form grass levels in advance of creating tree pits.

In all cases, the soil profile is to be maintained when replacing.

Planted Stock

Planted stock quality, handling, and storage operations to comply with BS 8545: 2014, and HTA 'Plant Handling'. Trees and hedges to be planted in accordance with BS 8545.

Living stock must be planted within 48 hours of delivery. Bare root stock must be kept undercover in nursery bags or heeled into ground overnight. Reject desiccated roots.

All planted stock to be healthy, vigorous, free from pests and diseases, suitably hardened off for the proposed situation of planting, and lifted at a time in accordance with good nursery practice. Stock to have a well-formed, fibrous root system and be free from perennial weeds.

Native species must be British provenance.

All planted stock to comply with the Plant Schedule. Variations must be agreed by the project manager prior to placing order.

Planting Operations

Planting to be undertaken in appropriate weather conditions, between October and March.

Setting out and planting density to follow the Planting Plan/Schedule.

Existing hedgerows to be reinforced as required to form a robust habitat corridor and visual screen. Hedge line to be planted with forestry transplants at 5 plants/m² in two staggered rows or equivalent infill planting.

Standard trees to be incorporated into hedge line where possible (i.e. without conflict with existing or proposed services)

to increase the number of hedgerow trees with varied spacing to achieve an average density of 1 tree for every 10m of hedgerow length.

Hedge line rows to be 40-45cm apart. Species to be randomly distributed throughout the hedge line.

Tree Planting

Root systems to be thoroughly soaked prior to planting.

Trees 6-8 centimetres girth (cmg) and over to be pit planted. Pits to be excavated to twice the diameter of the root system, deep enough for the full rooting system. Trees must not be planted too deep.

Base to be punctured without breaking up soil. Scarify sides of pit in heavy clay soils.

Tree to be located upright and central within the pit. Fit irrigation pipe to root system with capped inlet just proud of finished level. Back-fill with excavated material, maintaining the soil profile. Firm without compacting.

Shrubs, small trees, and feathers to be pit planted. Excavate pit to twice the diameter of the container, deep enough for the full rooting system. Do not plant too deep.

Base to be punctured without breaking up soil. Scarify sides of pit in heavy clay soils. Stock to be located upright and central within the pit. Back-fill with excavated material. Incorporate 30% organic matter such as peat-free compost. Firm without compacting.

Bare Root Forestry Stock (<80cm high)

Dip seedlings and small transplants in rooting hormone prior to planting. Slot or L notch-plant, and heel in upright.

Large transplants to be trench or pit planted, incorporating 30% organic matter into parent soil. Ensure root flare sits at surface. Firm without compacting.

Support and Protection

Support trees up to heavy standard size (12-14cmg) with a single 75mm dia. stake. Fix to the stake with a soft buckle tree tie.

Feathered trees (and larger conifers) to be protected with 1000mm high x 80-110mm diam. proprietary biodegradable mesh tree guard and supported with a 30x30mm treated softwood timber stake.

Support smaller forestry stock with 12-24lb/100 bamboo cane and 450 x 38mm clear, unperforated, biodegradable spiral guards.

Larger forestry stock to be supported with 30x30mm treated softwood timber stake and protected with min. 750mm high x 200mm dia. biodegradable shrub shelters.

Grass Seeding

Areas must be seeded with the approved seed mix as specified. Any deviations or substitutions must be agreed with the project manager in advance of ordering.

Seed from early March to late June.

Notes

- ALL DIMENSIONS ARE INDICATED IN METRES (m) UNLESS NOTED OTHERWISE
- THIS DRAWING IS SCALED AT PAPER SIZE A2, THEREFORE ANY PRINTS TAKEN AT SMALLER SIZES WILL AFFECT ACCURACY OF THE MEASUREMENT UNITS AND SHOULD NOT BE SCALED AGAINST.

Issue	Date	Remarks	Drawn	Checked	Approved
A	01/11/2022	FOR DCO SUBMISSION	RH	NF	RD

Title

5.4.3 ES Chapter 3:
Description of the Project
Figure 3.10 Outline Landscape Mitigation Strategy
(Overton): Plant Schedule and Specification

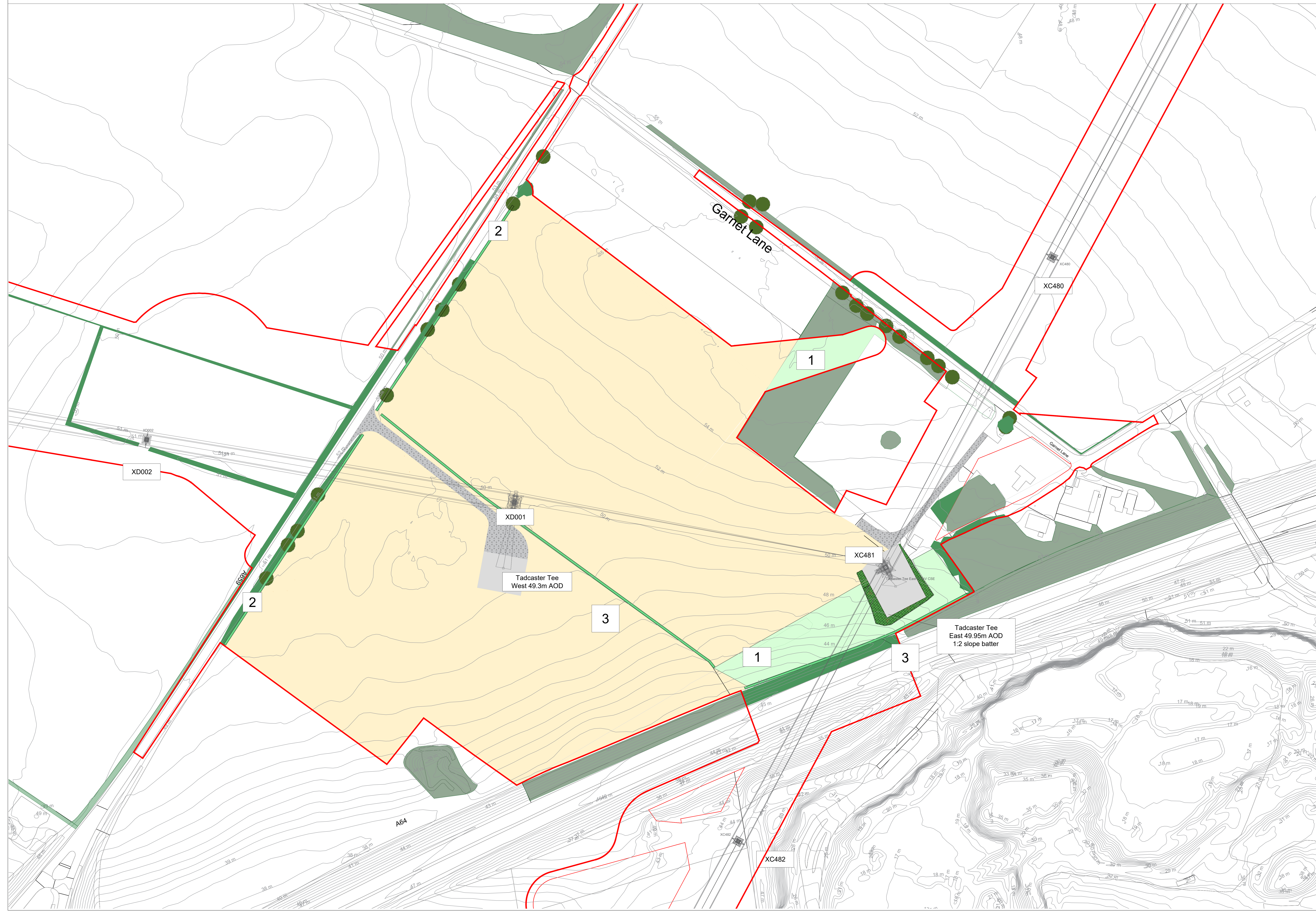
Application Number		EN020024	
National Grid Drawing Reference			
-			
Scale	Sheet Size	Sheet	Issue
N.T.S	A2	SHEET 2 OF 2	A



Legend

- Order Limits
- Land subject to easement
- Existing vegetation to be retained
- Existing vegetation to be removed
- Proposed new vegetation
- Proposed tree
- Proposed hedge
- Proposed earth bund
- Proposed earth bank
- Proposed earth ditch

- TARGET NOTES**
1. Existing trees not representative of healthy due to underground services.
 2. Height not to be exceeded when required. Standard trees planted at 10m intervals across the area.
 3. New hedgerow.



THIS DRAWING IS SCALED AT PAPER SIZE AS THEREFORE ANY PRINTS TAKEN AT SMALLER SIZES WILL AFFECT ACCURACY OF THE MEASUREMENTS AND SHOULD NOT BE SCALED AGAINST.

Coordinate System		Sheet 11 of 10 (East of A64)	
British National Grid (OSGB 36)		Sheet 11 of 10 (East of A64)	
A	10/11/2022	DCI Application	Rev
Rev	Date	Revised	Drawn/Checked/Approved
Site			

5.4.3 ES Chapter 3
 Description of the Project
 FIGURE 3.11 Outline Landscape Mitigation Strategy (Tadcaster)

The National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3 ES Chapter 3: Description of the Project
 Figure 3.11: Outline Landscape Mitigation Strategy (Tadcaster): Plant Schedule and Specification

Schedule of Mitigation Planting

Hedge Reinforcement planting

Species	Specification	%
Acer campestre	Transplant : 1+1 : BR	2%
Cornus sanguinea	Transplant : 1+1 : BR	10%
Crataegus monogyna	Transplant : 1+1 : BR	55%
Ilex aquifolium	1 yr : Container grown : C2 : Full pot	5%
Malus sylvestris	Transplant : 1+1 : BR	2%
Prunus cerasifera	Transplant : 1+1 : BR	2%
Prunus spinosa	Transplant : 1+1 : BR	20%
Salix caprea	Transplant : 1+1 : BR	2%
Taxus baccata	Transplant : 1+1 : BR	2%

Native Scrub

Species	Specification	%
Acer campestre	Transplant : 1+1 : BR	5%
Cornus sanguinea	Transplant : 1+1 : BR	15%
Crataegus monogyna	Transplant : 1+1 : BR	60%
Prunus spinosa	Transplant : 1+1 : BR	10%
Sorbus aucuparia	Transplant : 1+1 : BR	5%
Viburnum opulus	Transplant : 1+1 : BR	5%

Wildflower Meadow Seeding

Species	Common Name
Achillea millefolium	Yarrow
Agrimonia eupatoria	Agrimony
Anthoxanthum odoratum	Sweet Vernal-grass
Anthyllis vulneraria	Kidney Vetch
Betonica officinalis	Purple betony
Briza media	Quaking oatgrass
Bromopsis erecta	Erect Brome
Centaurea nigra	Common Knapweed
Centaurea scabiosa	Greater Knapweed
Cynosurus cristatus	Crested Dog's-tail
Festuca ovina	Sheep's-fescue
Festuca rubra	Red Fescue
Filipendula vulgaris	Dropwort
Galium album	Hedge bedstraw
Galium verum	Lady's Bedstraw
Hippocrepis comosa	Horseshoe vetch
Leontodon hispidus	Bristly hawkbit
Leucanthemum vulgare	Ox-eye daisy
Lotus corniculatus	Common Bird's-foot-trefoil
Origanum vulgare	Wild Marjoram
Plantago lanceolata	Ribwort Plantain
Poterium sanguisorba	Salad burnet
Primula veris	Cowslip
Prunella vulgaris	Selfheal
Ranunculus acris	Meadow Buttercup
Rumex acetosa	Common sorrel
Scabiosa columbaria	Small scabious
Silene vulgaris	Bladder campion
Tirsetum flavescens	Yellow oatgrass
Vicia cracca	Tufted Vetch

Hedgerow Trees

Species	Specification	%
Quercus robur	Heavy Std : 3X : 12-14cmg : 350-425 cm : Clear stem 175-200cm : BR : 5 brks	65
Carpinus betulus	Heavy Std : 3X : 12-14cmg : 350-425 cm : Clear stem 175-200cm : BR : 5 brks	35

SOFTWORKS SPECIFICATION

Soils

All soil handling and storage to be undertaken in accordance with the following British Standards and industry Codes of practice:

BS 1377: 1990 Soils for Civil Engineering Purposes

BS 8601: 2013 Specification for Subsoil and Requirements for Use

BS 3882: 2015 Specification for Topsoil

Contractor to check the locations of all underground services, existing and proposed, prior any earthworks. Potential conflicts must be raised immediately with the site/project manager.

Separate topsoil and subsoil when storing. Do not compact or mishandle. Stripping and storage must be undertaken in appropriate weather conditions.

Mounds and bunds to be formed of clean parent subsoil prior to topsoil placement.

Wildflower meadow areas to be formed of subsoil only: rip subsoils with tine to 150mm and grade to a medium tilth, free of peaks, hollows and debris. Blade grade to fine tilth and restrict access.

After spreading, topsoil is to be cultivated and blade graded. Remove large stones and other material (advance screening is recommended). Use a light roller to firm surface without compaction.

Form grass levels in advance of creating tree pits.

In all cases, the soil profile is to be maintained when replacing.

Planted Stock

Planted stock quality, handling, and storage operations to comply with BS 8545: 2014, and HTA 'Plant Handling'. Trees and hedges to be planted in accordance with BS 8545.

Living stock must be planted within 48 hours of delivery. Bare root stock must be kept undercover in nursery bags or heeled into ground overnight. Reject desiccated roots.

All planted stock to be healthy, vigorous, free from pests and diseases, suitably hardened off for the proposed situation of planting, and lifted at a time in accordance with good nursery practice. Stock to have a well-formed, fibrous root system and be free from perennial weeds.

Native species must be British provenance.

All planted stock to comply with the Plant Schedule. Variations must be agreed by the project manager prior to placing order.

Planting Operations

Planting to be undertaken in appropriate weather conditions, between October and March.

Setting out and planting density to follow the Planting Plan/Schedule.

Existing hedgerows to be reinforced as required to form a robust habitat corridor and visual screen. Hedge line to be planted with forestry transplants at 5 plants/m² in two staggered rows or equivalent infill planting.

Standard trees to be incorporated into hedge line where possible (i.e. without conflict with existing or proposed services)

to increase the number of hedgerow trees with varied spacing to achieve an average density of 1 tree for every 10m of hedgerow length.

Hedge line rows to be 40-45cm apart. Species to be randomly distributed throughout the hedge line.

Tree Planting

Root systems to be thoroughly soaked prior to planting.

Trees 6-8 centimetres girth (cmg) and over to be pit planted. Pits to be excavated to twice the diameter of the root system, deep enough for the full rooting system. Trees must not be planted too deep.

Base to be punctured without breaking up soil. Scarify sides of pit in heavy clay soils.

Tree to be located upright and central within the pit. Fit irrigation pipe to root system with capped inlet just proud of finished level. Back-fill with excavated material, maintaining the soil profile. Firm without compacting.

Shrubs, small trees, and feathers to be pit planted. Excavate pit to twice the diameter of the container, deep enough for the full rooting system. Do not plant too deep.

Base to be punctured without breaking up soil. Scarify sides of pit in heavy clay soils. Stock to be located upright and central within the pit. Back-fill with excavated material. Incorporate 30% organic matter such as peat-free compost. Firm without compacting.

Bare Root Forestry Stock (<80cm high)

Dip seedlings and small transplants in rooting hormone prior to planting. Slot or L notch-plant, and heel in upright.

Large transplants to be trench or pit planted, incorporating 30% organic matter into parent soil. Ensure root flare sits at surface. Firm without compacting.

Support and Protection

Support trees up to heavy standard size (12-14cmg) with a single 75mm dia. stake. Fix to the stake with a soft buckle tree tie.

Feathered trees (and larger conifers) to be protected with 1000mm high x 80-110mm diam. proprietary biodegradable mesh tree guard and supported with a 30x30mm treated softwood timber stake.

Support smaller forestry stock with 12-24lb/100 bamboo cane and 450 x 38mm clear, unperforated, biodegradable spiral guards.

Larger forestry stock to be supported with 30x30mm treated softwood timber stake and protected with min. 750mm high x 200mm dia. biodegradable shrub shelters.

Grass Seeding

Areas must be seeded with the approved seed mix as specified. Any deviations or substitutions must be agreed with the project manager in advance of ordering.

Seed from early March to late June.

Refer to Soils specification above for ground preparation.

Seed in two perpendicular directions at the specified rate. In high predation areas lightly rake surface and erect tickertape. Restrict pedestrian access.

Notes

1. ALL DIMENSIONS ARE INDICATED IN METRES (m) UNLESS NOTED OTHERWISE

2. THIS DRAWING IS SCALED AT PAPER SIZE A2, THEREFORE ANY PRINTS TAKEN AT SMALLER SIZES WILL AFFECT ACCURACY OF THE MEASUREMENT UNITS AND SHOULD NOT BE SCALED AGAINST.

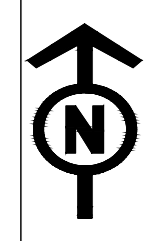
Issue	Date	Remarks	Drawn	Checked	Approved
A	01/11/2022	FOR DCO SUBMISSION	RH	NF	RD

Title

5.4.3 ES Chapter 3:
 Description of the Project
 FIGURE 3.11: Outline Landscape Mitigation Strategy
 (Tadcaster): Plant Schedule and Specification



Application Number				EN020024	
National Grid Drawing Reference				N/A	
Scale	Sheet Size	Sheet	Issue		
N.T.S	A2	SHEET 2 OF 2	A		



- Legend**
- Order Limits
 - Land returned to former use
 - Existing substation
 - Proposed substation extension
 - Existing vegetation (internal to Order Limits)
 - Existing vegetation (outside of Order Limits (inductive))
 - Existing rough grassland (internal)
 - Landscape mitigation associated with proposed mitigation scheme (ref: 2021/0037/L&M)
 - Approved battery storage (ref: 2021/0037/L&M)
 - Proposed woodland
 - Proposed woodland edge or strip planting
 - Proposed hedge reinforcement
 - Proposed subfloor meadow
 - Existing levels
 - Proposed subfloor concrete 2.5m rise above existing levels
 - Proposed permanent access track (Tarmac)

NOTES

1. Existing substation
2. Proposed substation
3. Proposed substation extension
4. Proposed substation extension
5. Proposed substation extension
6. Proposed substation extension
7. Proposed substation extension



THIS DRAWING IS SCALED AT PAPER SIZE AND THEREFORE ANY MEASUREMENTS TAKEN AT THIS SCALE WILL NOT BE ACCURATE. THE MEASUREMENT UNITS SHOULD NOT BE SCALED.

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Rev	Date	Description	By	Chk	Appr
1	01/11/2021	Issue for approval	AW	ML	AW

5.4.3 ES Chapter 3
 Description of the Project
 Figure 3.12 Outline Landscape Mitigation Strategy (Monk Fyston)

nationalgrid

Application Number: EN000000
 National Grid Drawing Reference: EN000000

Scale: 1:1000
 Sheet Size: A0
 Sheet: 1 OF 2
 Date: 01/11/2021

The National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3 ES Chapter 3: Description of the Project
 Figure 3.12 Outline Landscape Mitigation Strategy (Monk Fryston) Plant Schedule and Specification

Mitigation Planting

Wildflower meadow

Species	Common Name
Achillea millefolium	Yarrow
Agrimonia eupatoria	Agrimony
Anthoxanthum odoratum	Sweet Vernal-grass
Anthyllis vulneraria	Kidney Vetch
Betonica officinalis	Purple betony
Briza media	Quaking oatgrass
Bromopsis erecta	Erect Brome
Centaurea nigra	Common Knapweed
Centaurea scabiosa	Greater Knapweed
Cynosurus cristatus	Crested Dog's-tail
Festuca ovina	Sheep's-fescue
Festuca rubra	Red Fescue
Filipendula vulgaris	Dropwort
Galium album	Hedge bedstraw
Galium verum	Lady's Bedstraw
Hippocrepis comosa	Horseshoe vetch
Leontodon hispidus	Bristly hawkbit
Leucanthemum vulgare	
Lotus corniculatus	Common Bird's-foot-trefoil
Origanum vulgare	Wild Marjoram
Plantago lanceolata	Ribwort Plantain
Poterium sanguisorba	
Primula veris	
Prunella vulgaris	Selfheal
Ranunculus acris	Meadow Buttercup
Scabiosa columbaria	
Silene vulgaris	
Tirsetum flavescens	
Vicia cracca	Tufted Vetch

Hedge reinforcement

Species	Specification	%
Acer campestre	Transplant : 1+1 : BR	2%
Cornus sanguinea	Transplant : 1+1 : BR	10%
Crataegus monogyna	Transplant : 1+1 : BR	55%
Ilex aquifolium	1 yr : Container grown : C2 : Full pot	5%
Malus sylvestris	Transplant : 1+1 : BR	2%
Prunus cerasifera	Transplant : 1+1 : BR	2%
Prunus spinosa	Transplant : 1+1 : BR	20%
Salix caprea	Transplant : 1+1 : BR	2%
Taxus baccata	Transplant : 1+1 : BR	2%

Hedgerow Trees

Species	Specification	%
Quercus robur	Heavy Std : 3X : 12-14cmg : 350-425 cm : Clear stem 175-200cm : BR : 5 brks	65
Carpinus betulus	Heavy Std : 3X : 12-14cmg : 350-425 cm : Clear stem 175-200cm : BR : 5 brks	35

Woodland planting 2m ctrs

Species	Specification	%
Acer campestre	Transplant : 1+1 : BR	4%
Acer platanoides	Transplant : 1+1 : BR	6%
Acer pseudoplatanus	Transplant : 1+1 : BR	6%
Aesculus hippocastanum	Transplant : 1+1 : BR	4%
Betula pendula	Transplant : 1+1 : BR	16%
Corylus avellana	Transplant : 1+1 : BR	2%
Crataegus monogyna	Transplant : 1+1 : BR	2%
Ilex aquifolium	1 yr : Container grown : C2 : Full pot	2%
Pinus sylvestris	1 yr : Container grown : C2 : Full pot	8%
Populus alba	Transplant : 1+1 : BR	5%
Prunus cerasifera	Transplant : 1+1 : BR	2%
Pseudotsuga menziesii	1 yr : Container grown : C2 : Full pot	4%
Quercus robur	Transplant : 1+1 : BR	27%
Salix alba	Transplant : 1+1 : BR	4%
Sorbus aucuparia	Transplant : 1+1 : BR	6%
Taxus baccata	Transplant : 1+1 : BR	2%

Woodland Edge planting 1m ctrs

Species	Specification	%
Acer campestre	Transplant : 1+1 : BR	2%
Cornus sanguinea	Transplant : 1+1 : BR	6%
Corylus avellana	Transplant : 1+1 : BR	10%
Crataegus monogyna	Transplant : 1+1 : BR	50%
Malus sylvestris	Transplant : 1+1 : BR	2%
Prunus cerasifera	Transplant : 1+1 : BR	5%
Prunus spinosa	Transplant : 1+1 : BR	15%
Salix caprea	Transplant : 1+1 : BR	5%
Sambucus nigra	Transplant : 1+1 : BR	3%
Taxus baccata	Transplant : 1+1 : BR	2%

SOFTWORKS SPECIFICATION

Soils

All soil handling and storage to be undertaken in accordance with the following British Standards and industry Codes of practice:

BS 1377: 1990 Soils for Civil Engineering Purposes

BS 8601: 2013 Specification for Subsoil and Requirements for Use

BS 3882: 2015 Specification for Topsoil

Contractor to check the locations of all underground services, existing and proposed, prior any earthworks. Potential conflicts must be raised immediately with the site/project manager.

Separate topsoil and subsoil when storing. Do not compact or mishandle. Stripping and storage must be undertaken in appropriate weather conditions.

Mounds and bunds to be formed of clean parent subsoil prior to topsoil placement.

Wildflower meadow areas to be formed of subsoil only: rip subsoils with tine to 150mm and grade to a medium tilth, free of peaks, hollows and debris. Blade grade to fine tilth and restrict access.

After spreading, topsoil is to be cultivated and blade graded. Remove large stones and other material (advance screening is recommended). Use a light roller to firm surface without compaction.

Form grass levels in advance of creating tree pits.

In all cases, the soil profile is to be maintained when replacing.

Planted Stock

Planted stock quality, handling, and storage operations to comply with BS 8545: 2014, and HTA 'Plant Handling'. Trees and hedges to be planted in accordance with BS 8545.

Living stock must be planted within 48 hours of delivery. Bare root stock must be kept undercover in nursery bags or heeled into ground overnight. Reject desiccated roots.

All planted stock to be healthy, vigorous, free from pests and diseases, suitably hardened off for the proposed situation of planting, and lifted at a time in accordance with good nursery practice. Stock to have a well-formed, fibrous root system and be free from perennial weeds.

Native species must be British provenance.

All planted stock to comply with the Plant Schedule. Variations must be agreed by the project manager prior to placing order.

Planting Operations

Planting to be undertaken in appropriate weather conditions, between October and March.

Setting out and planting density to follow the Planting Plan/Schedule.

Existing hedgerows to be reinforced as required to form a robust habitat corridor and visual screen. Hedge line to be planted with forestry transplants at 5 plants/m² in two staggered rows or equivalent infill planting.

Standard trees to be incorporated into hedge line where possible (i.e. without conflict with existing or proposed services)

to increase the number of hedgerow trees with varied spacing to achieve an average density of 1 tree for every 10m of hedgerow length.

Hedge line rows to be 40-45cm apart. Species to be randomly distributed throughout the hedge line.

Tree Planting

Root systems to be thoroughly soaked prior to planting.

Trees 6-8 centimetres girth (cmg) and over to be pit planted. Pits to be excavated to twice the diameter of the root system, deep enough for the full rooting system. Trees must not be planted too deep.

Base to be punctured without breaking up soil. Scarify sides of pit in heavy clay soils.

Tree to be located upright and central within the pit. Fit irrigation pipe to root system with capped inlet just proud of finished level. Back-fill with excavated material, maintaining the soil profile. Firm without compacting.

Shrubs, small trees, and feathers to be pit planted. Excavate pit to twice the diameter of the container, deep enough for the full rooting system. Do not plant too deep.

Base to be punctured without breaking up soil. Scarify sides of pit in heavy clay soils. Stock to be located upright and central within the pit. Back-fill with excavated material. Incorporate 30% organic matter such as peat-free compost. Firm without compacting.

Bare Root Forestry Stock (<80cm high)

Dip seedlings and small transplants in rooting hormone prior to planting. Slot or L notch-plant, and heel in upright.

Large transplants to be trench or pit planted, incorporating 30% organic matter into parent soil. Ensure root flare sits at surface. Firm without compacting.

Support and Protection

Support trees up to heavy standard size (12-14cmg) with a single 75mm dia. stake. Fix to the stake with a soft buckle tree tie.

Feathered trees (and larger conifers) to be protected with 1000mm high x 80-110mm diam. proprietary biodegradable mesh tree guard and supported with a 30x30mm treated softwood timber stake.

Support smaller forestry stock with 12-24lb/100 bamboo cane and 450 x 38mm clear, unperforated, biodegradable spiral guards.

Larger forestry stock to be supported with 30x30mm treated softwood timber stake and protected with min. 750mm high x 200mm dia. biodegradable shrub shelters.

Grass Seeding

Areas must be seeded with the approved seed mix as specified. Any deviations or substitutions must be agreed with the project manager in advance of ordering.

Seed from early March to late June.

Refer to Soils specification above for ground preparation.

Seed in two perpendicular directions at the specified rate. In high predation areas lightly rake surface and erect tickertape. Restrict pedestrian access.

Notes

1. ALL DIMENSIONS ARE INDICATED IN METRES (m) UNLESS NOTED OTHERWISE

2. THIS DRAWING IS SCALED AT PAPER SIZE A2, THEREFORE ANY PRINTS TAKEN AT SMALLER SIZES WILL AFFECT ACCURACY OF THE MEASUREMENT UNITS AND SHOULD NOT BE SCALED AGAINST.

Issue	Date	Remarks	Drawn	Checked	Approved

Title

5.4.3 ES Chapter 3:
Description of the Project
Figure 3.12: Outline Landscape Mitigation Strategy
(Monk Fryston): Plant Schedule and Specification

Application Number		EN020024	
National Grid Drawing Reference			
N/A			
Scale	Sheet Size	Sheet	Issue
N.T.S	A2	SHEET 2 OF 2	A

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