

YG-DCO-032-5.4.3(D)

Yorkshire Green Energy Enablement (GREEN) Project

Volume 5

Document 5.4.3(D) ES Chapter 3 Description of the Project - Figures

Final Issue D

July 2023

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
17/02/2023	B	Final	Additional pages added for Figure 3.3
26/04/2023	C	Final	Figures 3.10 to 3.12 revised in response to Planning Inspectorate Examination Process
28/07/2023	D	Final	Figures 3.2 and 3.4 revised in response design changes (Document 9.1) and removal of utility U4



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

Legend

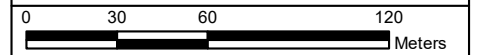
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- Existing Substation
- Indicative New Overhead Line
- Existing Overhead Line - Not Affected
- Existing Overhead Line - To be Dismantled
- Existing Lattice Pylon - Not Affected
- Existing Gantry - Not Affected
- ⊗ Existing Gantry - To be Dismantled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

Notes

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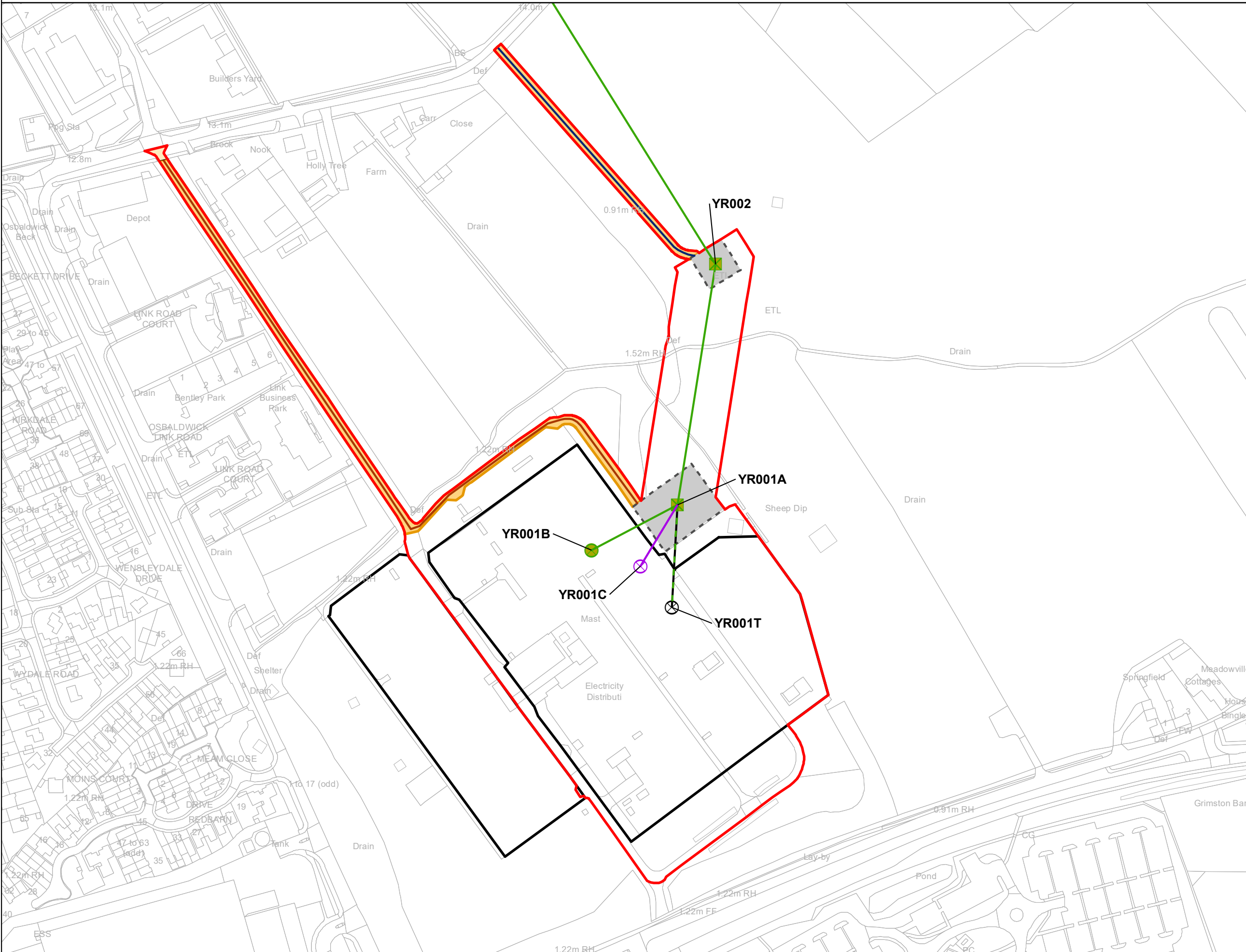
**5.4.3, ES CHAPTER 3,
 DESCRIPTION OF THE
 PROJECT FIGURES
 FIGURE 3.1 SECTION A:
 OSBALDWICK SUBSTATION**



Figure Number: FIGURE 3.1

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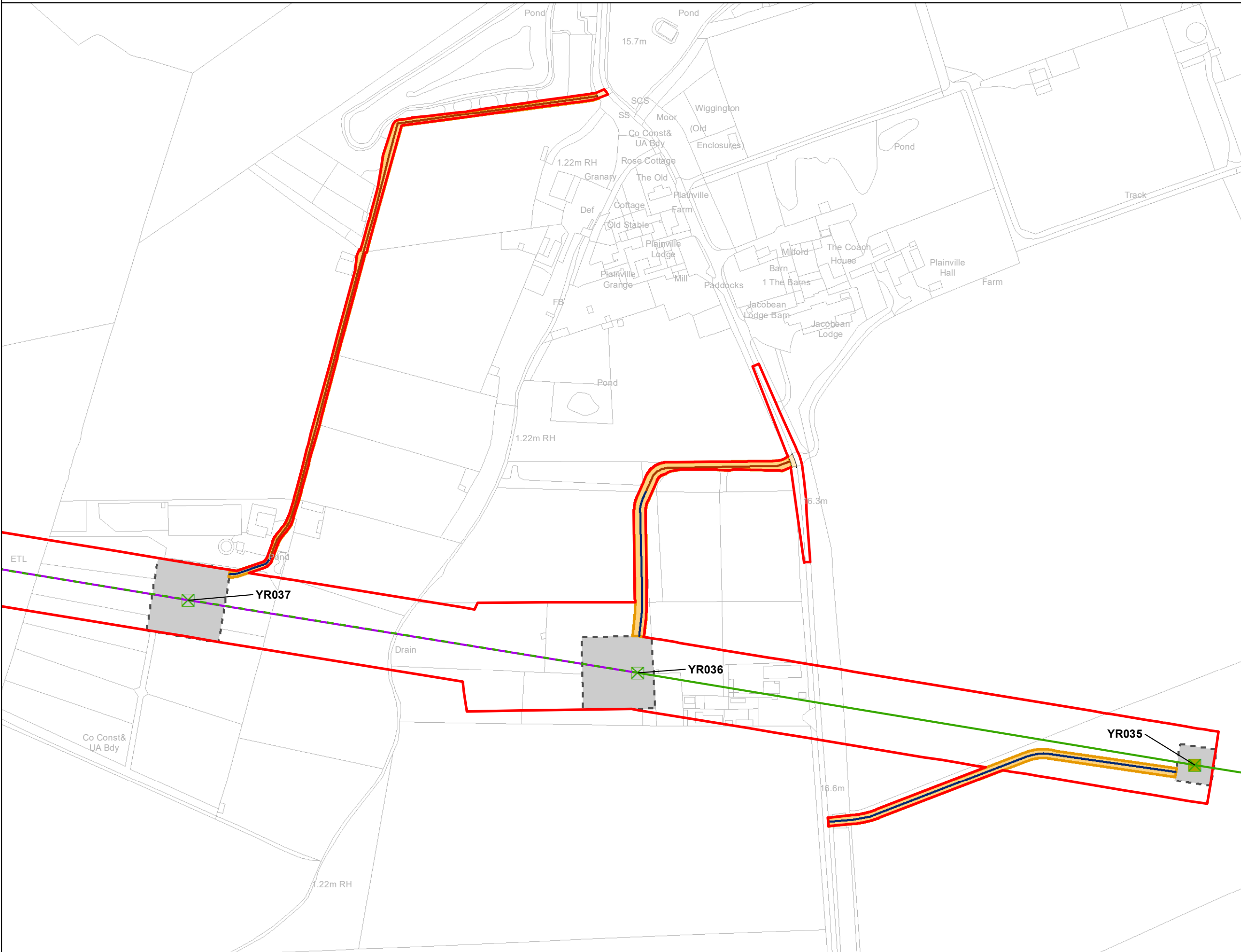




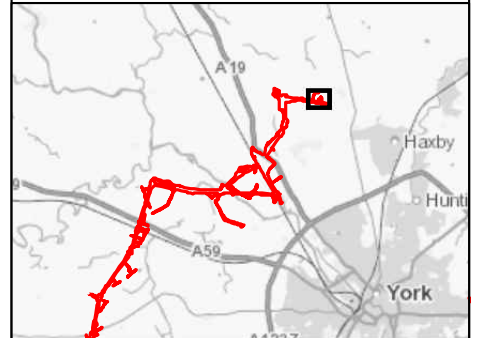
National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.2(B) Section B: North west of York Area

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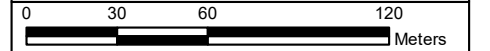
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-  Bellmouth
-  Existing Lattice Pylon - To be Modified
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-  Trackway
-  Existing Track
-  Access Swathes
-  Pylon Working Areas



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



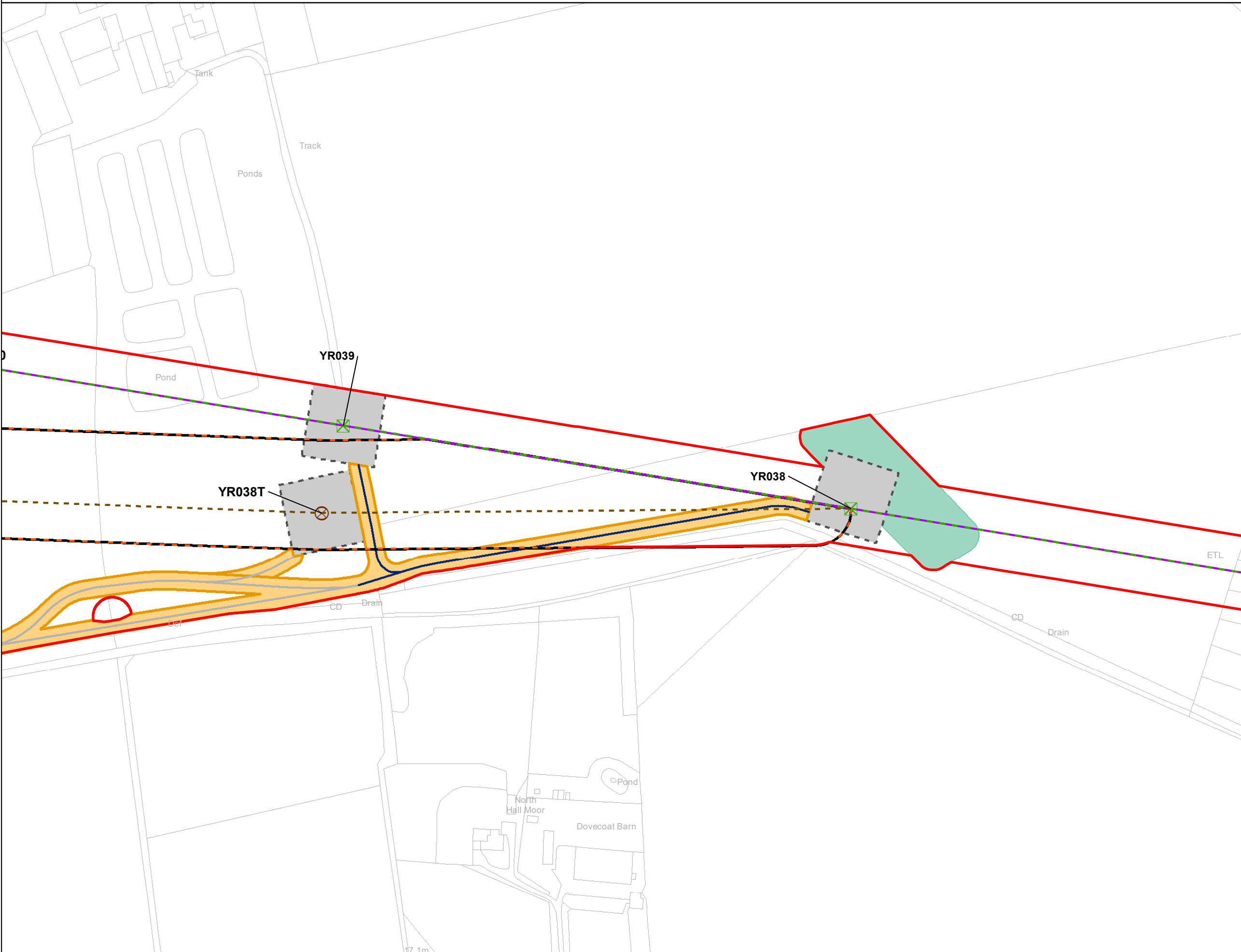
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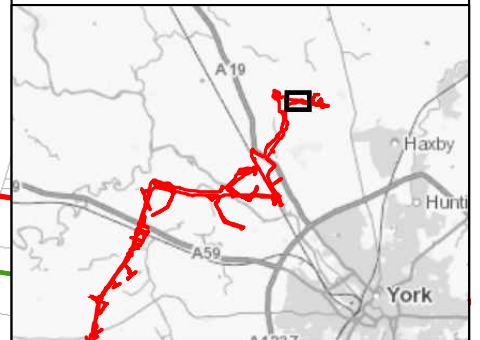
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- Order Limits
- Temporary Overhead Line
- Existing Overhead Line - To be Reconductored
- X Indicative Temporary Pylon or Mast
- X Existing Lattice Pylon - To be Modified
- Limits of Deviation
- Stone
- Trackway
- Access Swathes
- Pylon Working Areas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

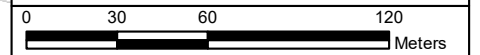


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 PROJECT FIGURES
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 SECTION B: NORTH WEST
 OF YORK AREA



Figure Number

FIGURE 3.2(B)

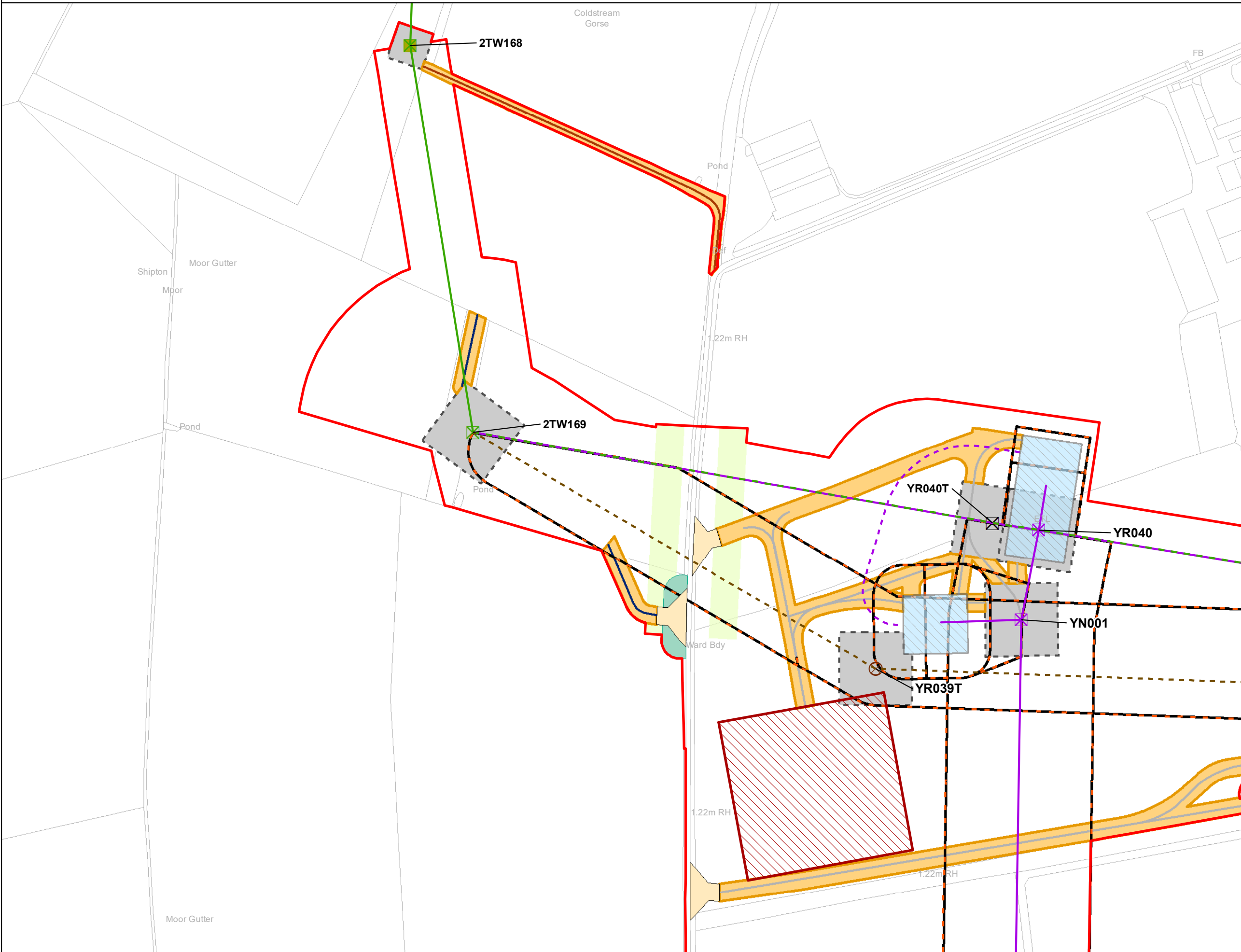
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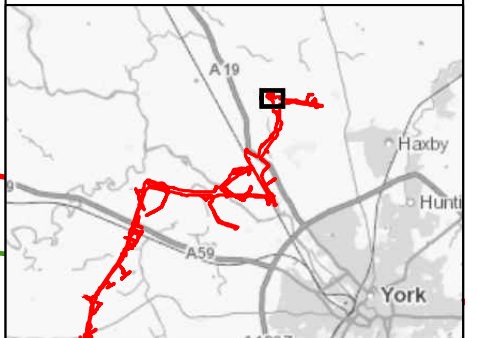


National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.2(B) Section B: North west of York Area



- ### Legend
- Order Limits
 - Indicative New Overhead Line
 - 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
 - Stone
 - Trackway
 - Existing Track
 - Access Swathes
 - Pylon Working Areas
 - Indicative Third Party Limits of Deviation
 - Indicative Crossing Protection

Notes
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 OF YORK AREA

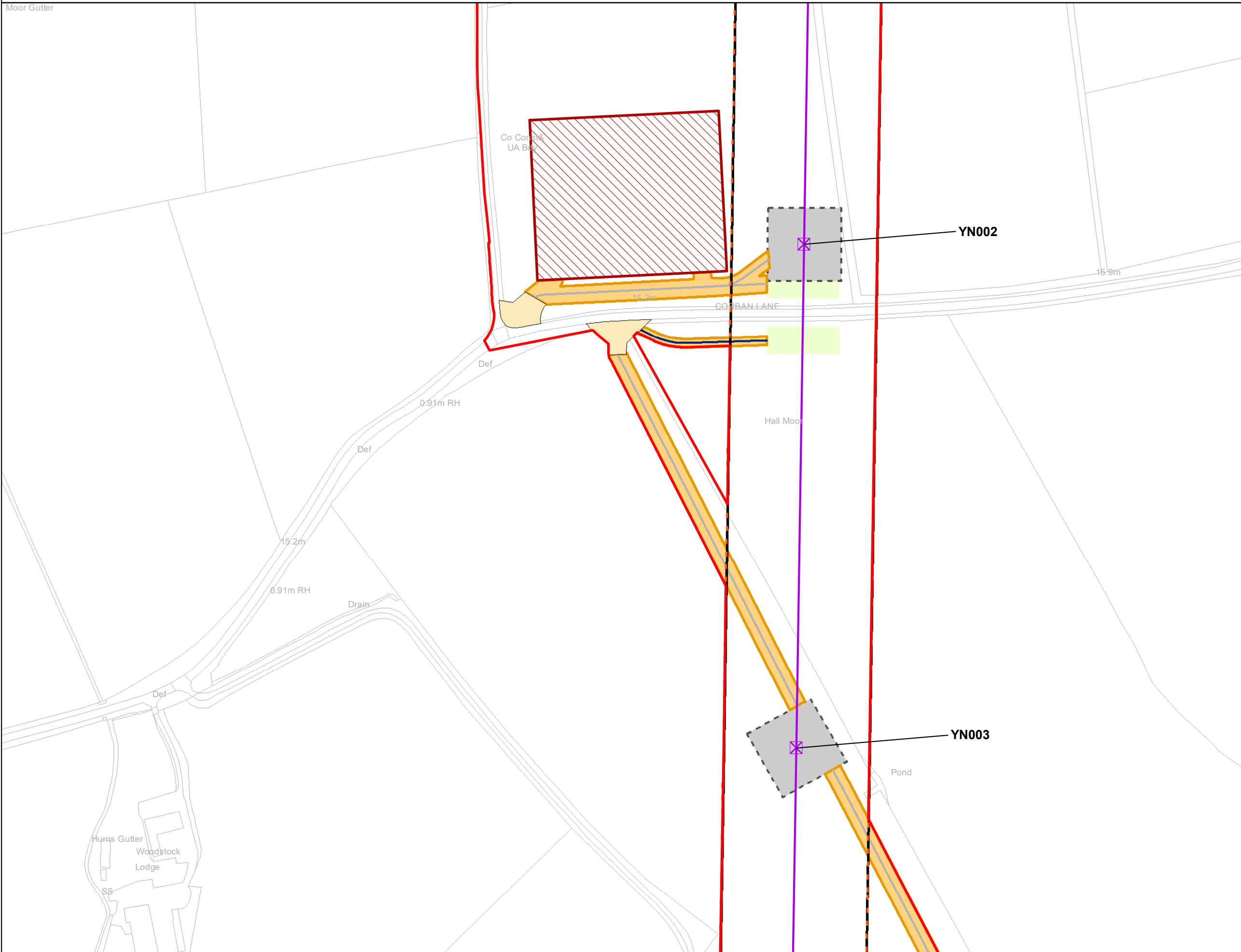
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National Grid (Yorkshire Green Energy Enablement Project) Order
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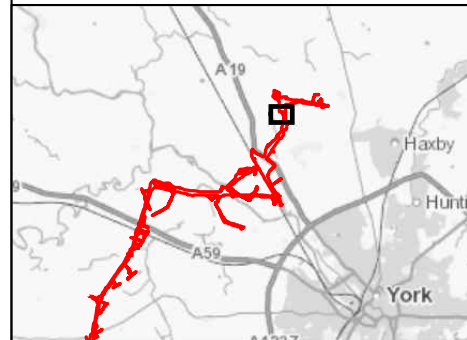
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-  Order Limits
-  Indicative New Overhead Line
-  Indicative Construction Compounds
-  Indicative New Lattice Pylon
-  Bellmouth
-  Limits of Deviation
-  Stone
-  Trackway
-  Access Swathes
-  Pylon Working Areas
-  Indicative Crossing Protection

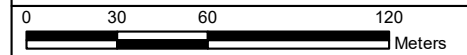


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 SECTION B: NORTH WEST
 OF YORK AREA



Figure Number
 FIGURE 3.2(B)










Drawing Reference
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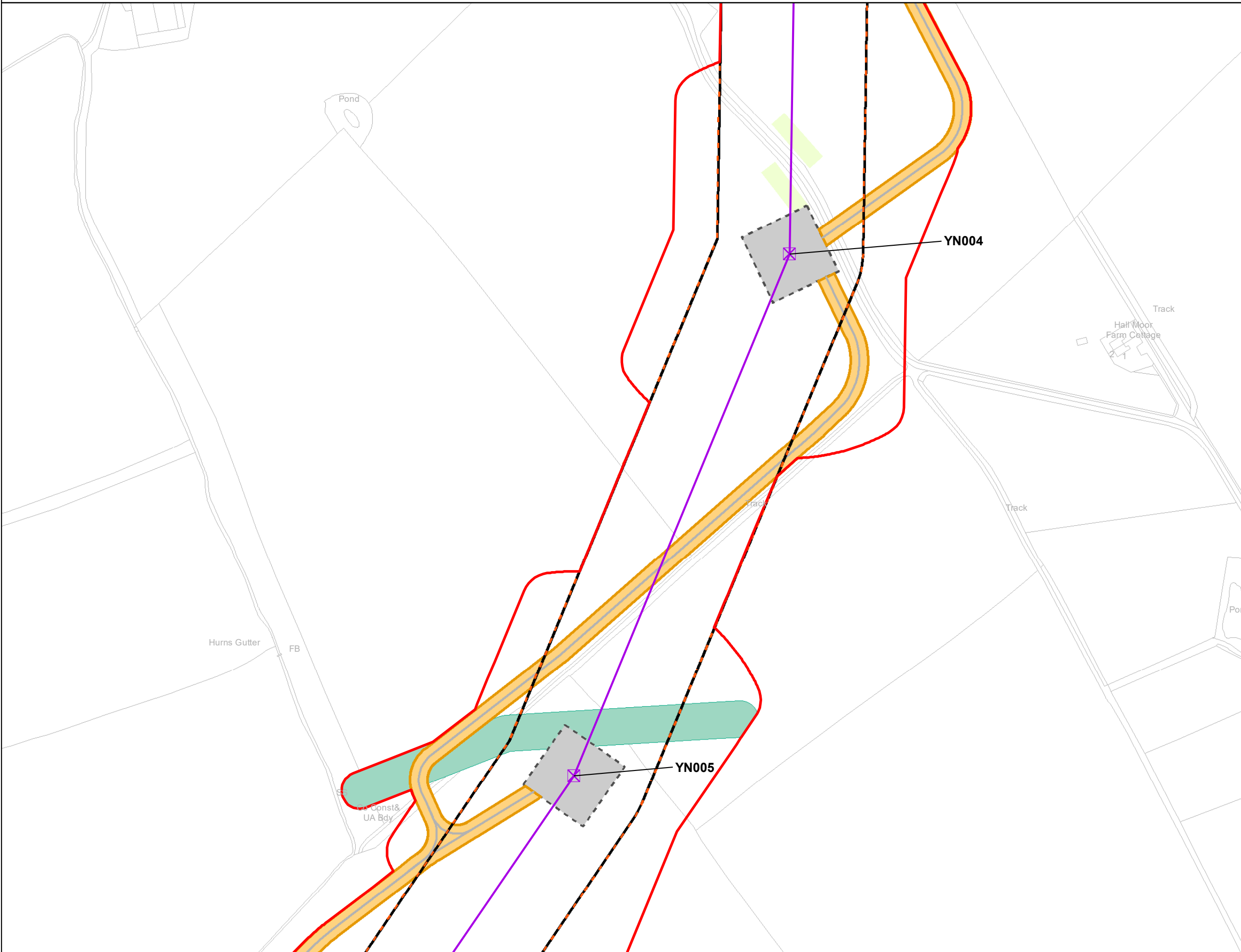
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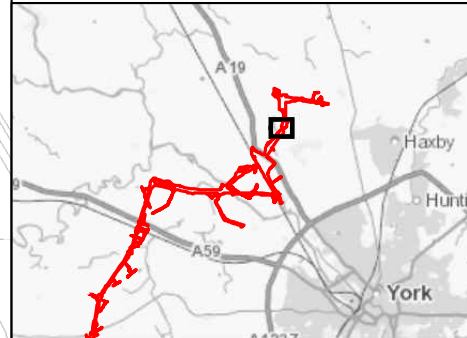
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-  Order Limits
-  Indicative New Overhead Line
-  Indicative New Lattice Pylon
-  Limits of Deviation
-  Stone
-  Access Swathes
-  Pylon Working Areas
-  Indicative Third Party Limits of Deviation
-  Indicative Crossing Protection

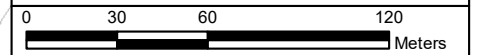


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5.4.3, ES CHAPTER 3
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 PROJECT FIGURES
 FIGURE 3.2(B)
 SECTION B: NORTH WEST
 OF YORK AREA



Figure Number

FIGURE 3.2(B)

Drawing Reference











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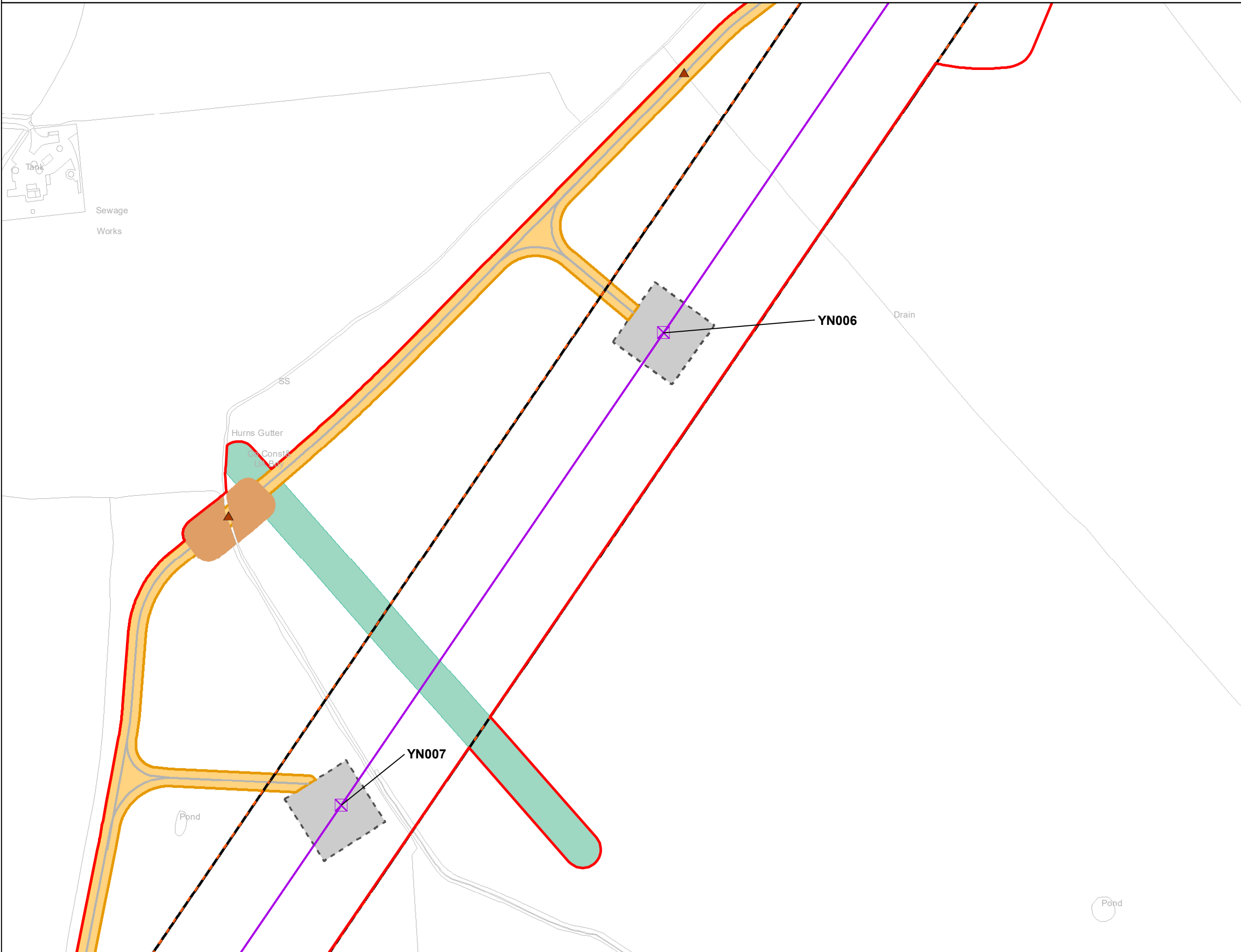
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 Figure 3.2(B) Section B: North west of York Area

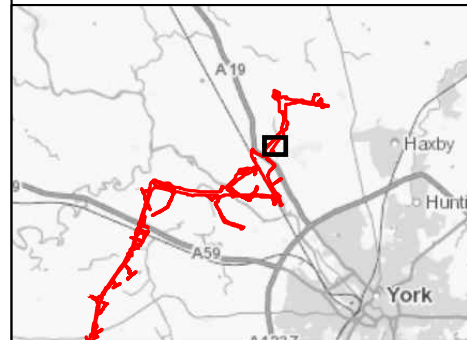
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-  Order Limits
-  Culvert / bridge
-  Indicative New Overhead Line
-  Indicative New Lattice Pylon
-  Bridge Working Area
-  Limits of Deviation
-  Stone
-  Access Swathes
-  Pylon Working Areas
-  Indicative Third Party Limits of Deviation

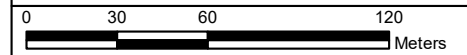


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 PROJECT FIGURES
 FIGURE 3.2(B)
 SECTION B: NORTH WEST
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Figure Number	FIGURE 3.2(B)		
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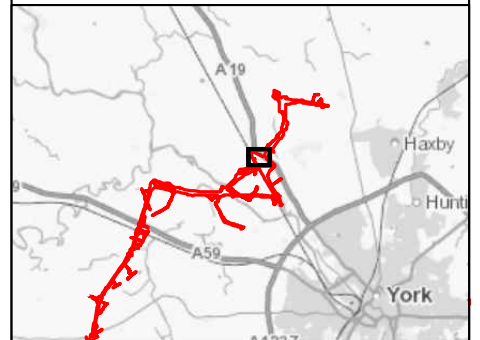
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Legend

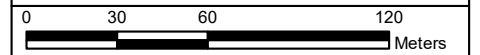
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- Culvert / bridge
- Proposed Substation
- Indicative New Overhead Line
- Indicative Construction Compounds
- Indicative New Lattice Pylon
- Indicative New Gantry
- Indicative New Full Line Tension Gantry
- Bellmouth
- Limits of Deviation
- Black top (Permanent)
- Stone
- Trackway
- Access Swathes
- Pylon Working Areas
- Indicative Third Party Limits of Deviation
- Indicative Crossing Protection

Notes

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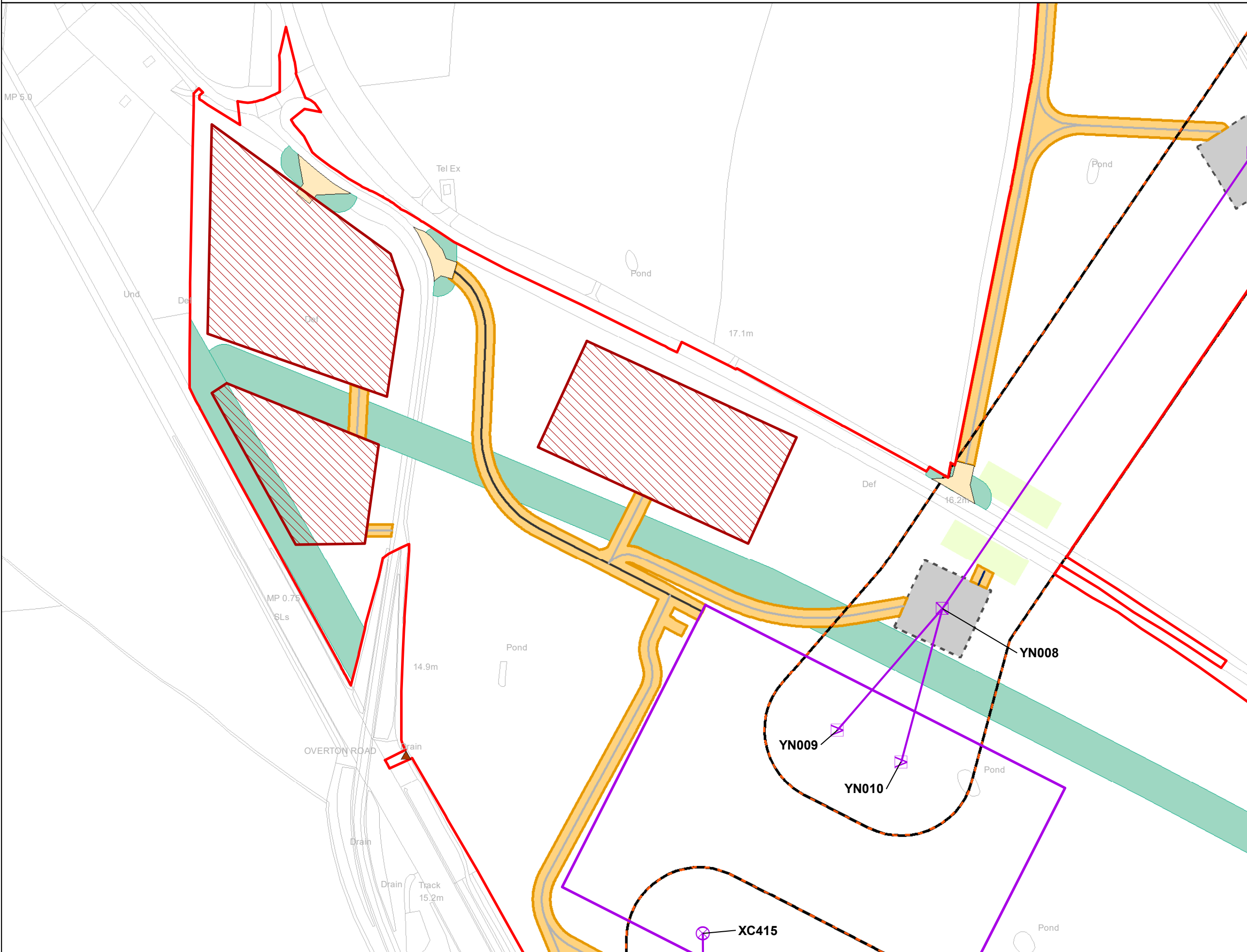
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 SECTION B: NORTH WEST
 OF YORK AREA



Figure Number
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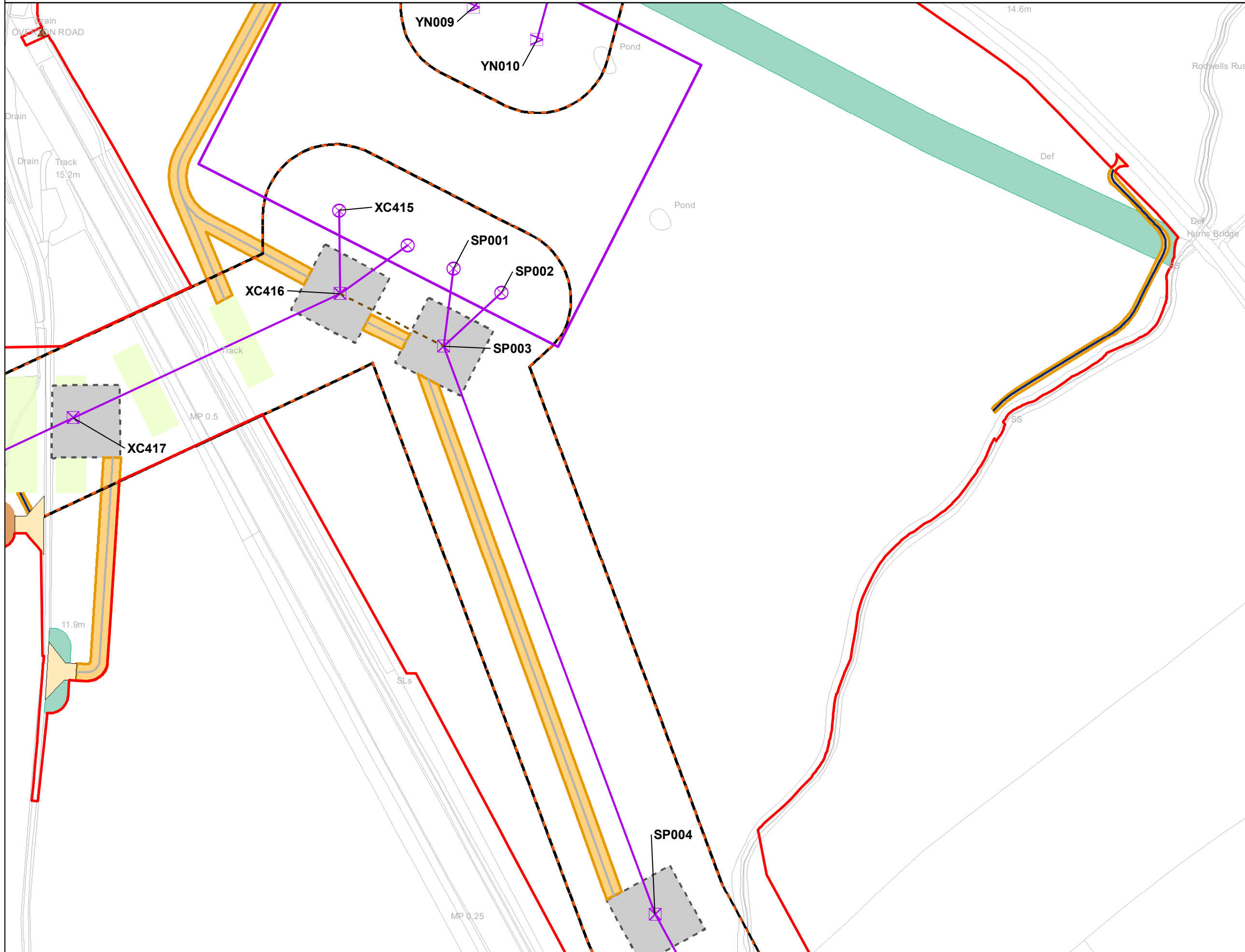
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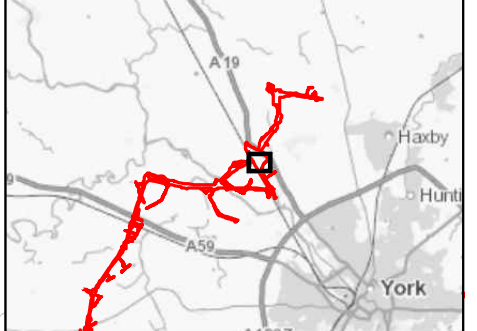
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Legend

- Order Limits
- Culvert / bridge
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- Temporary Overhead Line
- Indicative New Lattice Pylon
- Indicative New Gantry
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 OF YORK AREA



Figure Number
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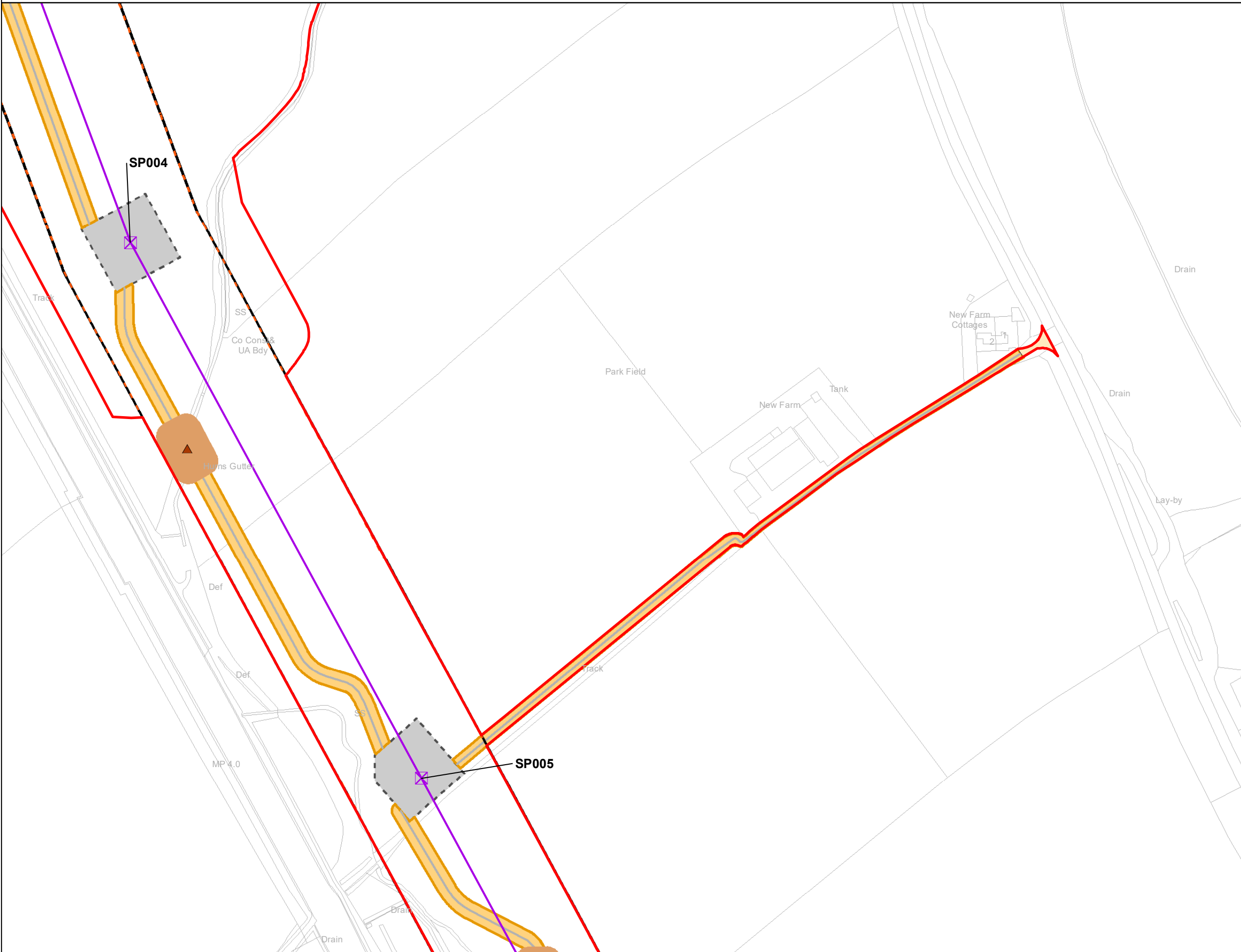
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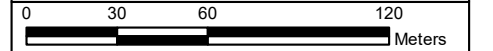
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-  Indicative Third Party Limits of Deviation



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 SECTION B: NORTH WEST
 OF YORK AREA



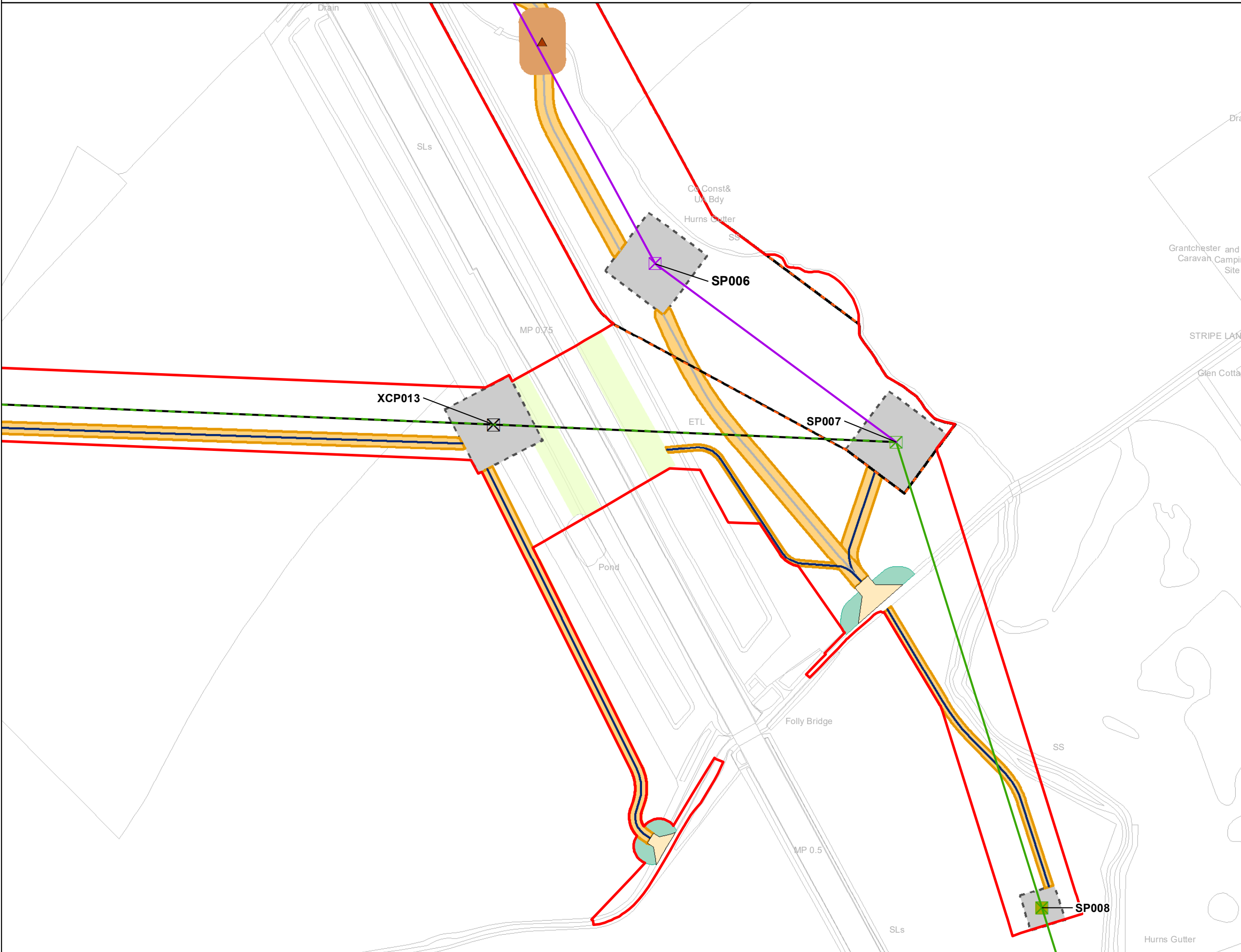
Figure Number
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Scale	Sheet Size	Sheet	Issue
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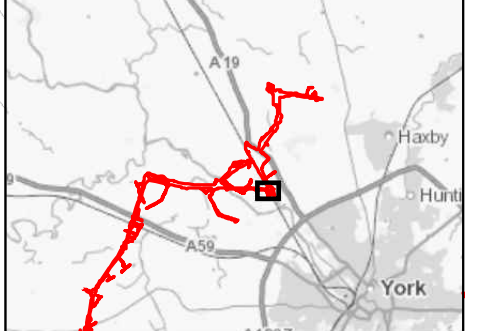
National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.2(B) Section B: North west of York Area



Legend

- Order Limits
- ▲ Culvert / bridge
- Indicative New Overhead Line
- Existing Overhead Line - Not Affected
- - - Existing Overhead Line - To be Dismantled
- ⊠ Indicative New Lattice Pylon
- Bellmouth
- Bridge Working Area
- ⊠ Existing Lattice Pylon - To be Modified
- ⊠ Existing Lattice Pylon - Not Affected
- ⊠ Existing Lattice Pylon - To be Dismantled
- Limits of Deviation
- Stone
- Trackway
- 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: 456.179.92 Sheet Y Centroid Coordinate: 456.030.01



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B	28/07/23	For DCO Deadline Six	BERNB	DIMMR	CHADC
A	1 Nov 2022	For DCO Submission	BERNB	DIMMR	CHADC

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

nationalgrid

Figure Number: FIGURE 3.2(B)

Drawing Reference: 806503-WOOD-0285 B

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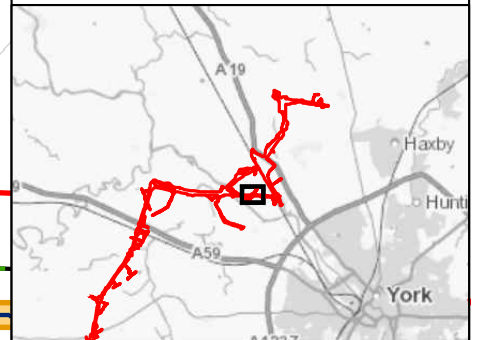
National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.2(B) Section B: North west of York Area

Legend

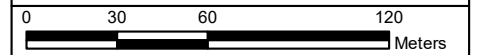
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- Existing Overhead Line - To be Dismantled
- Bellmouth
- Existing Lattice Pylon - To be Dismantled
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas
- Indicative Third Party Limits of Deviation
- Indicative Crossing Protection

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: 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(B)
 SECTION B: NORTH WEST
 OF YORK AREA



Figure Number
 FIGURE 3.2(B)




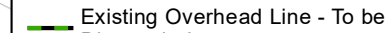
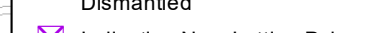
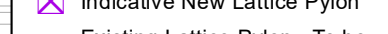
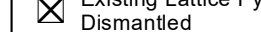



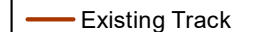
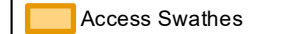

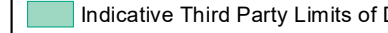
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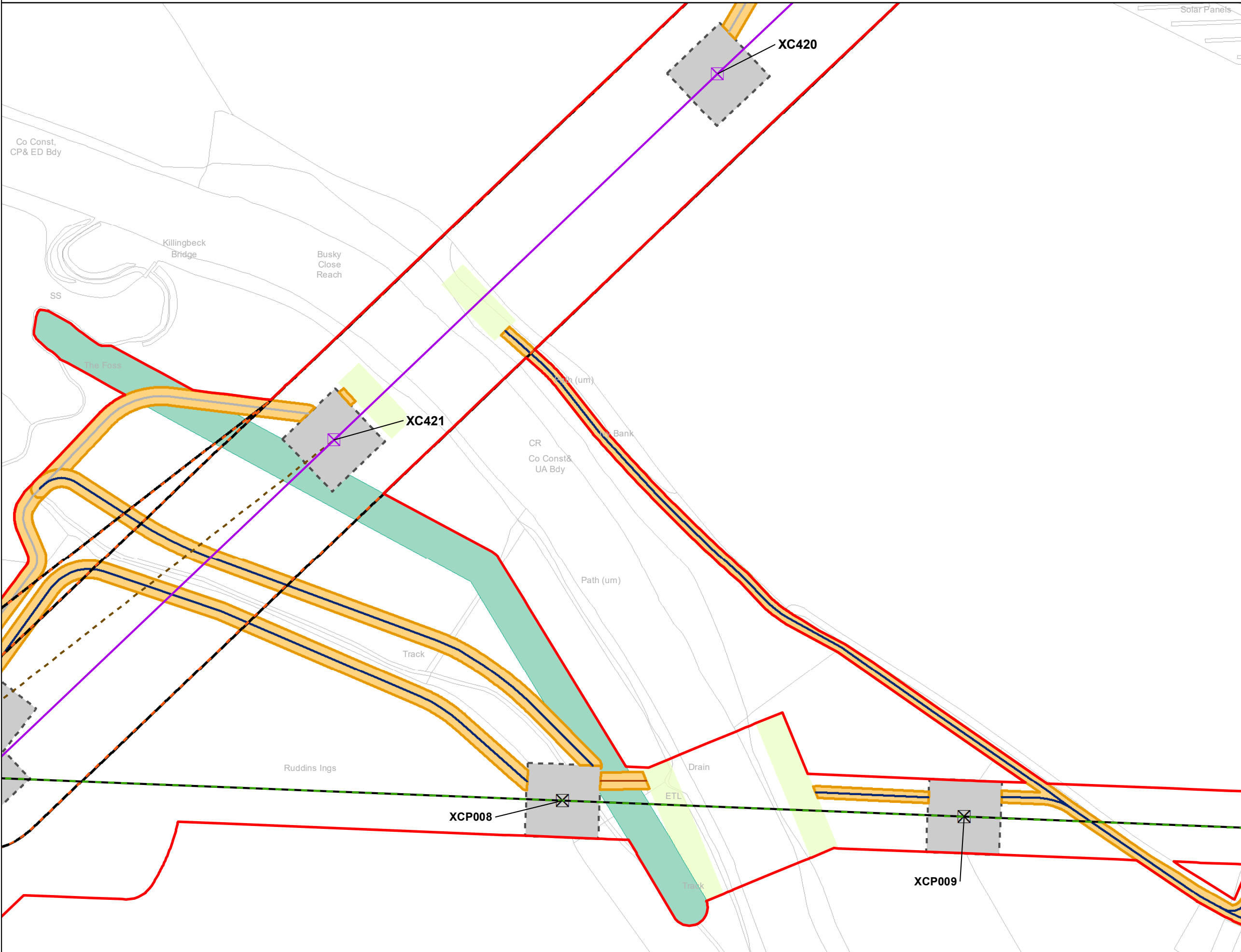
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National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.2(B) Section B: North west of York Area

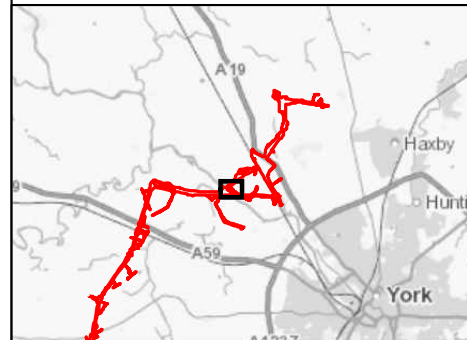
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-  Order Limits
-  Indicative New Overhead Line
-  Temporary Overhead Line
-  Existing Overhead Line - To be Dismantled
-  Indicative New Lattice Pylon
-  Existing Lattice Pylon - To be Dismantled
-  Limits of Deviation
-  Stone
-  Trackway
-  Existing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

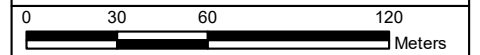


Notes

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: 454,493.46 Sheet Y Centroid Coordinate: 456,353.86



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



Figure Number
 FIGURE 3.2(B)








Drawing Reference
 806503-WOOD-0285 B

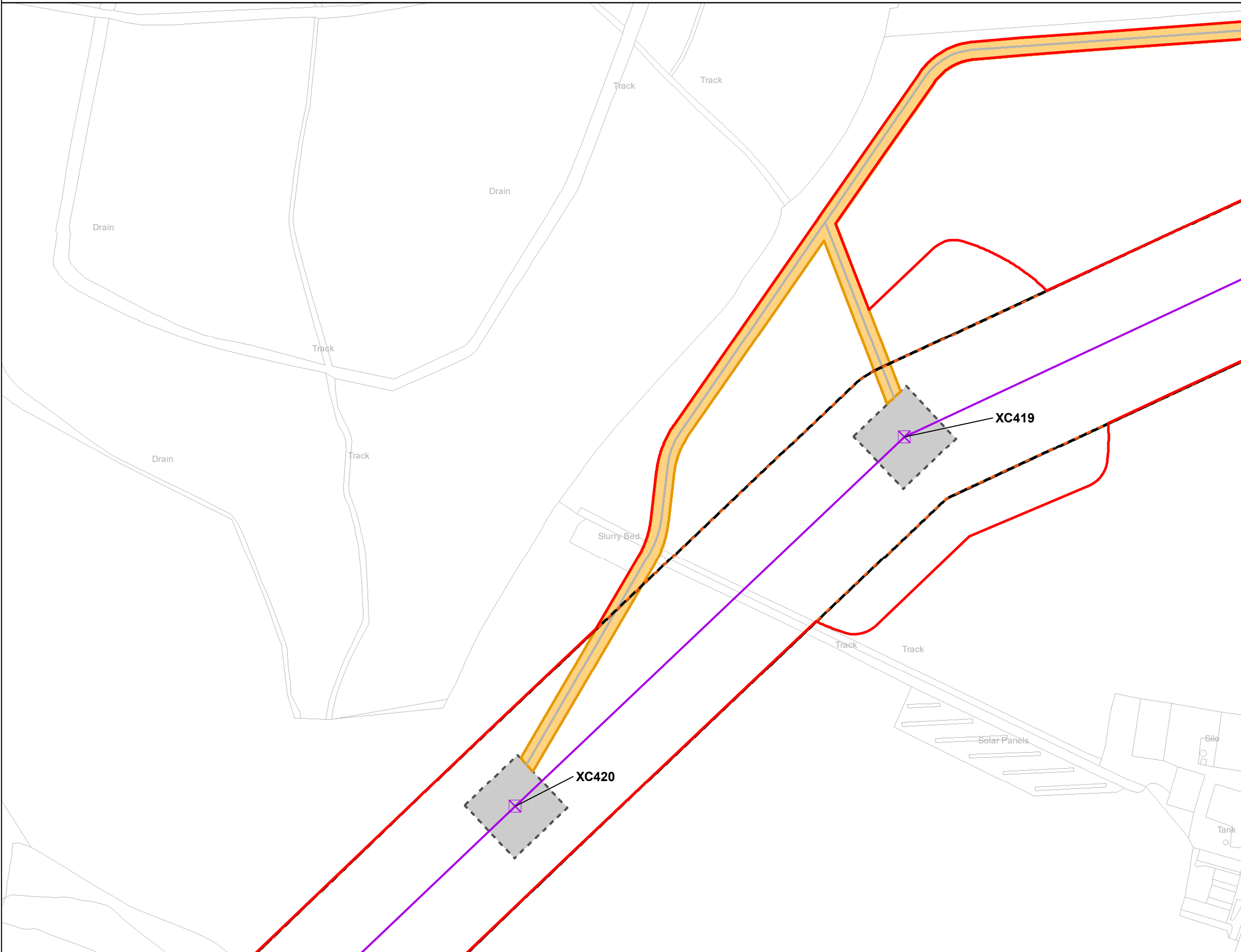
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National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.2(B) Section B: North west of York Area

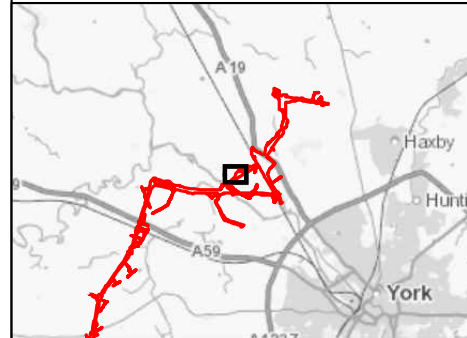
Legend

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

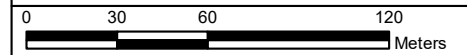


Notes

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: 454,632.10 Sheet Y Centroid Coordinate: 456,855.51



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Title

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



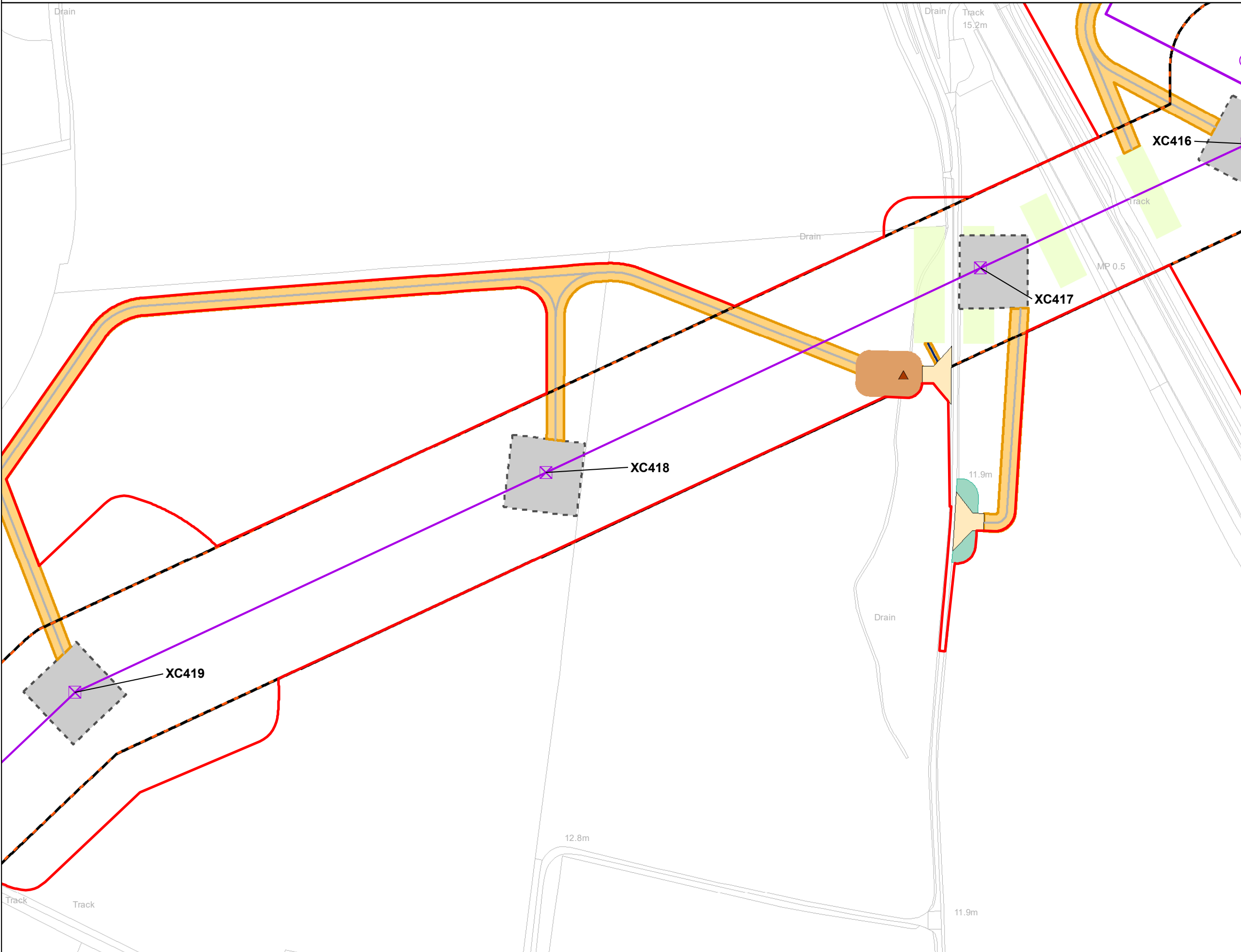
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National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.2(B) Section B: North west of York Area

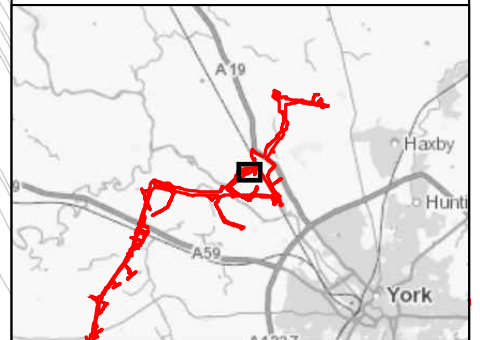
Legend

- 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 Third Party Limits of Deviation
- Indicative Crossing Protection

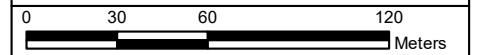


Notes

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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(B)
 SECTION B: NORTH WEST
 OF YORK AREA**



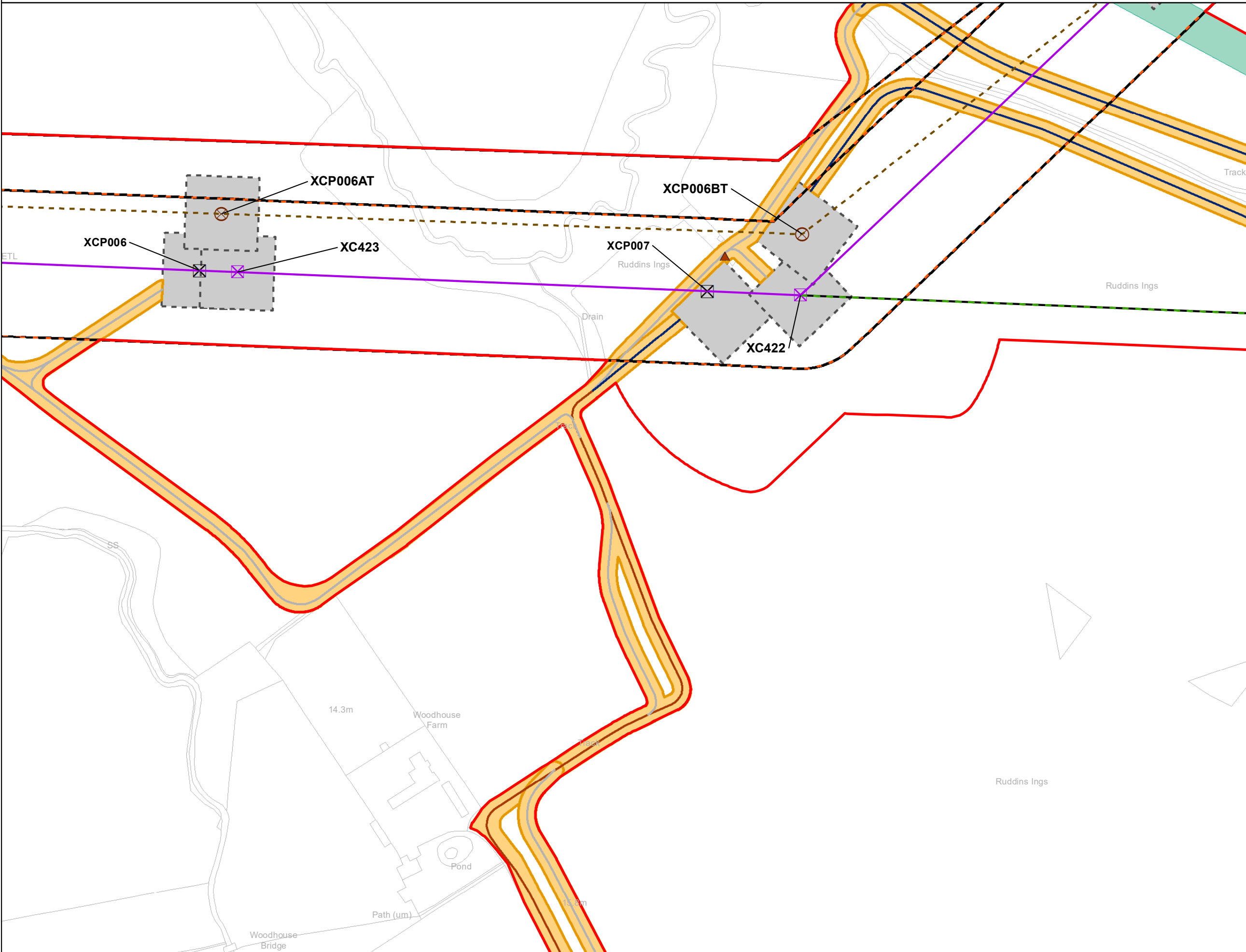
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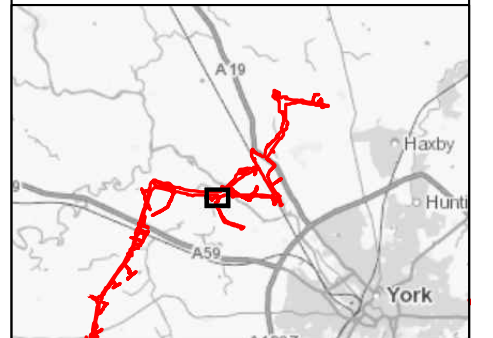
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 Figure 3.2(B) Section B: North west of York Area

Legend

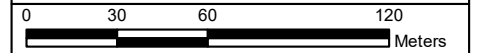
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- - - Temporary Overhead Line
- Existing Overhead Line - To be Dismantled
- ⊗ Indicative New Lattice Pylon
- ⊗ Indicative Temporary Pylon or Mast
- ⊗ Existing Lattice Pylon - To be Dismantled
- Limits of Deviation
- Stone
- Trackway
- Existing Track
- 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
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Figure Number
 FIGURE 3.2(B)

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 806503-WOOD-0285 B

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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(B) Section B: North west of York Area

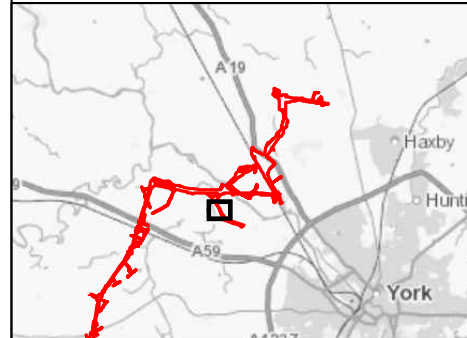
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- Order Limits
- ▲ Culvert / bridge
- Stone
- Existing Track
- Access Swathes

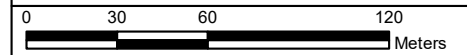


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Coordinate System: British National Grid
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5.4.3, ES CHAPTER 3
 DESCRIPTION OF THE
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 FIGURE 3.2(B)
 SECTION B: NORTH WEST
 OF YORK AREA



Figure Number	
FIGURE 3.2(B)	
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Sheet	Issue
Page 16 of 20	B



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

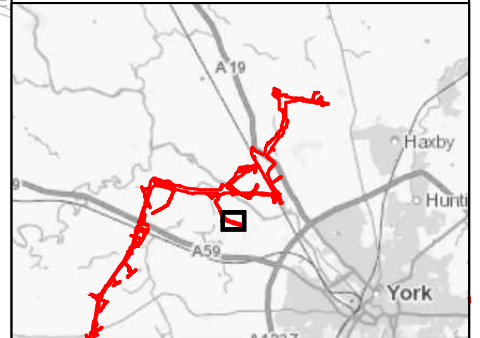
Legend

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

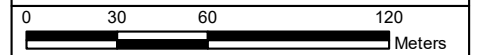


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Coordinate System: British National Grid
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Title

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



Figure Number
 FIGURE 3.2(B)












Drawing Reference
 806503-WOOD-0285 B

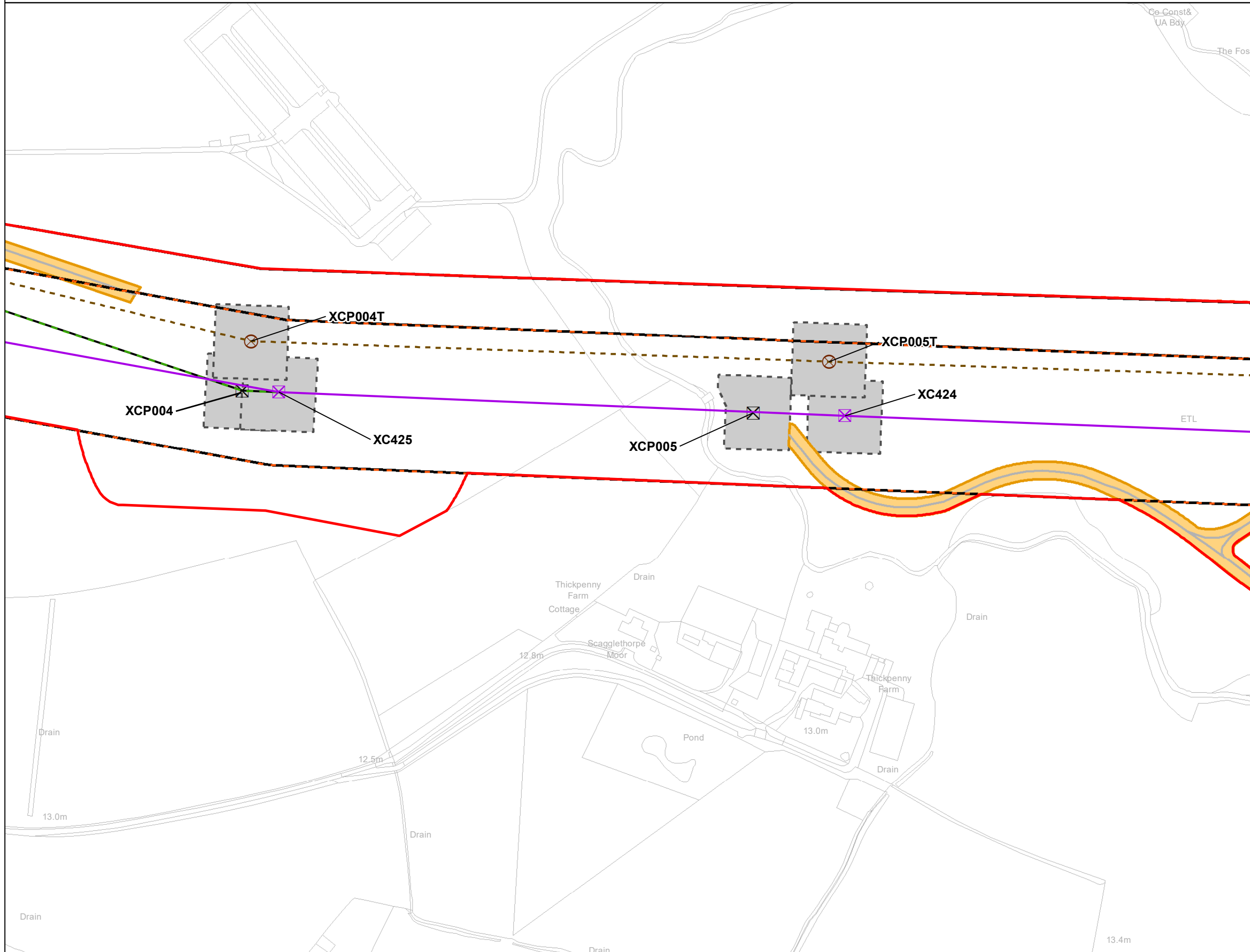
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National Grid (Yorkshire Green Energy Enablement Project) Order
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 Figure 3.2(B) Section B: North west of York Area

Legend

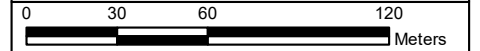
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-  Indicative New Lattice Pylon
-  Indicative Temporary Pylon or Mast
-  Existing Lattice Pylon - To be Dismantled
-  Limits of Deviation
-  Stone
-  Access Swathes
-  Pylon Working Areas



Notes
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Title
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 DESCRIPTION OF THE
 PROJECT FIGURES
 FIGURE 3.2(B)
 SECTION B: NORTH WEST
 OF YORK AREA



Figure Number			
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Drawing Reference			
806503-WOOD-0285 B			
Scale	Sheet Size	Sheet	Issue
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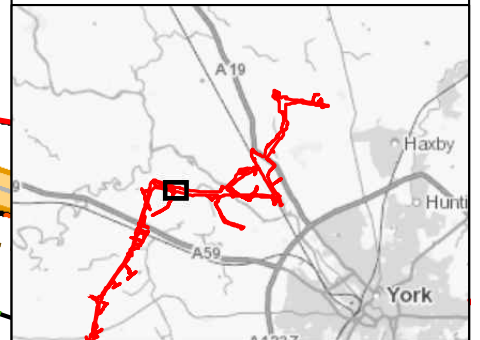
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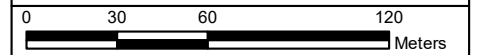
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- - - Temporary Overhead Line
- Existing Overhead Line - To be Dismantled
- ⊠ Indicative New Lattice Pylon
- ⊠ Existing Lattice Pylon - To be Dismantled
- Limits of Deviation
- Stone
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas
- Indicative Third Party Limits of Deviation
- Indicative Crossing Protection

Notes

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



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Title

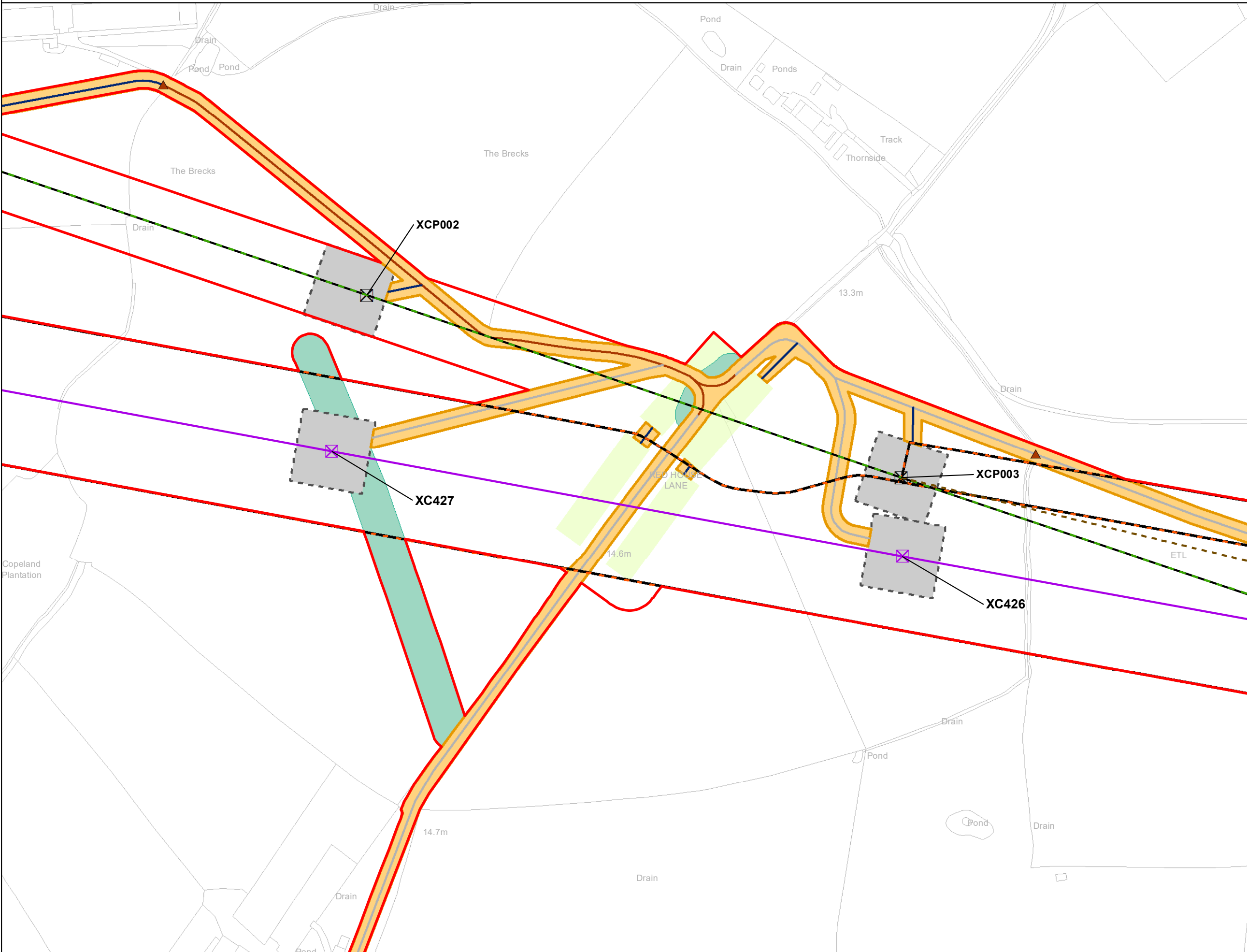
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 DESCRIPTION OF THE
 PROJECT FIGURES
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 SECTION B: NORTH WEST
 OF YORK AREA



Figure Number
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Drawing Reference
 806503-WOOD-0285 B

Scale	Sheet Size	Sheet	Issue
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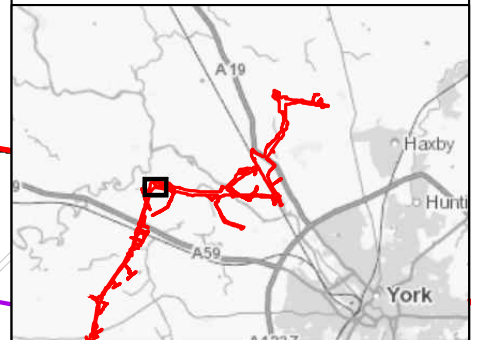
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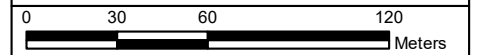
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- Section Breaks
- ▲ Culvert / bridge
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- Temporary Overhead Line
- Existing Overhead Line - To be Reconstructed
- Existing Overhead Line - To be Dismantled
- ⊗ Indicative New Lattice Pylon
- ⊗ Indicative 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

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: 451,485.87 Sheet Y Centroid Coordinate: 456,449.11



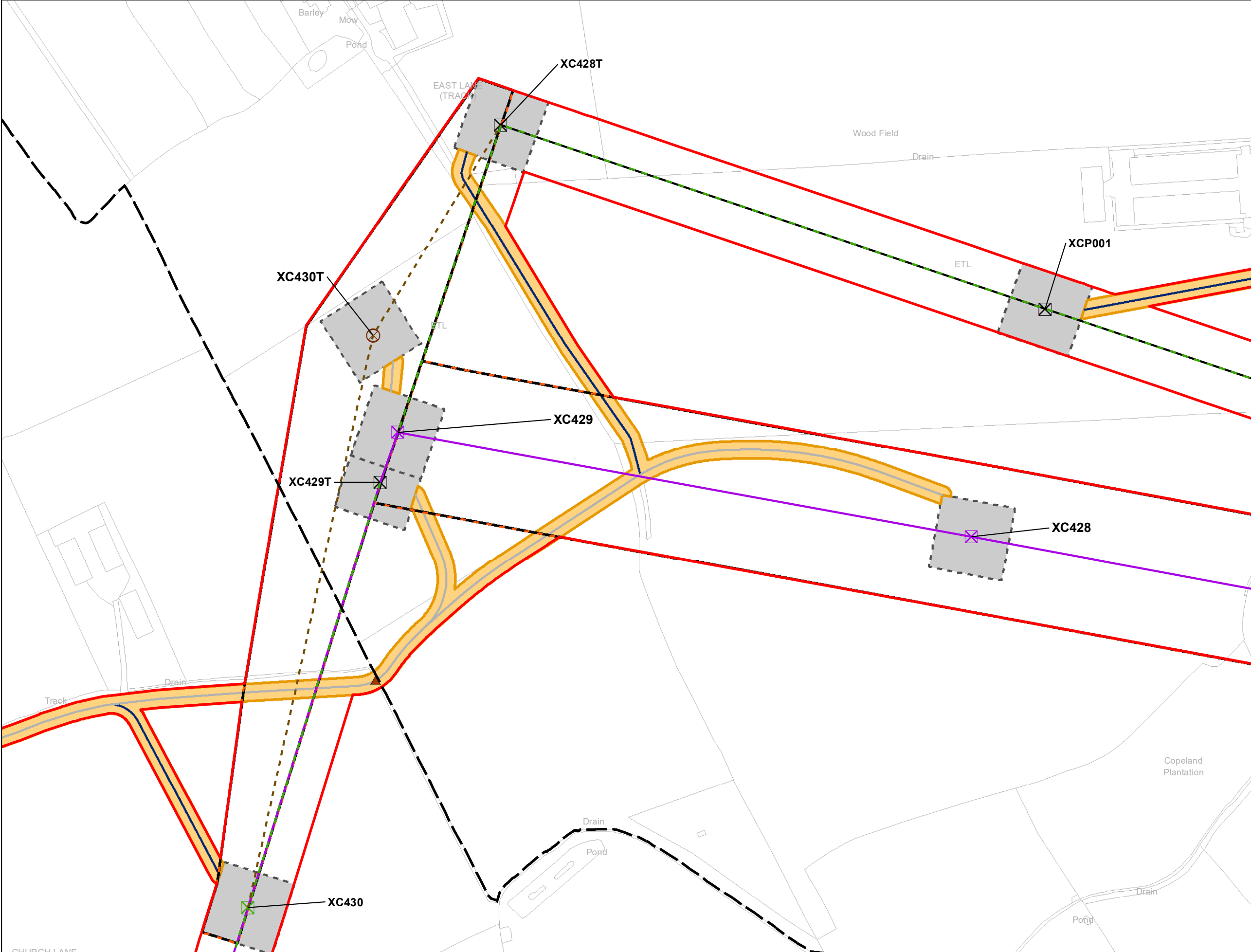
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B	28/07/23	For DCO Deadline Six	BERNB	DIMMR	CHADC
A	1 Nov 2022	For DCO Submission	BERNB	DIMMR	CHADC
Issue	Date	Remarks	Drawn	Checked	Approved

Title

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

nationalgrid			
Figure Number			
FIGURE 3.2(B)			
Drawing Reference			
806503-WOOD-0285 B			
Scale	Sheet Size	Sheet	Issue
1:2,500	A3	Page 20 of 20	B





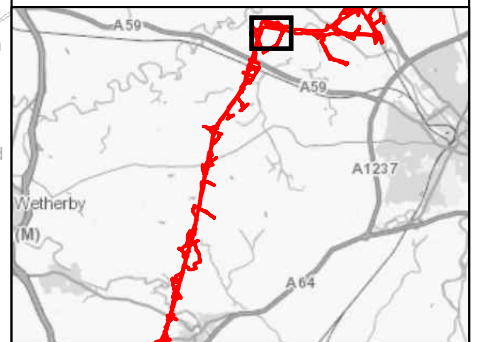
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 Figure 3.3 Section C: Moor Monkton to Tadcaster

Legend

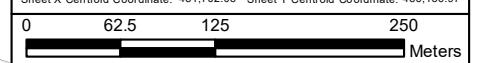
- Order Limits
- Section Breaks
- Indicative New Overhead Line
- Temporary Overhead Line
- Existing Overhead Line - To be Reconductored
- Existing Overhead Line - To be Dismantled
- Existing Lattice Pylon - To be Modified
- Existing Lattice Pylon - To be Dismantled
- Indicative New Lattice Pylon
- Indicative 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
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B	7 Feb 2023	S.51 Advice Submission	BERNB	DIMMR	CHADC
A	1 Nov 2022	For DCO Submission	BERNB	DIMMR	CHADC
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-0286B

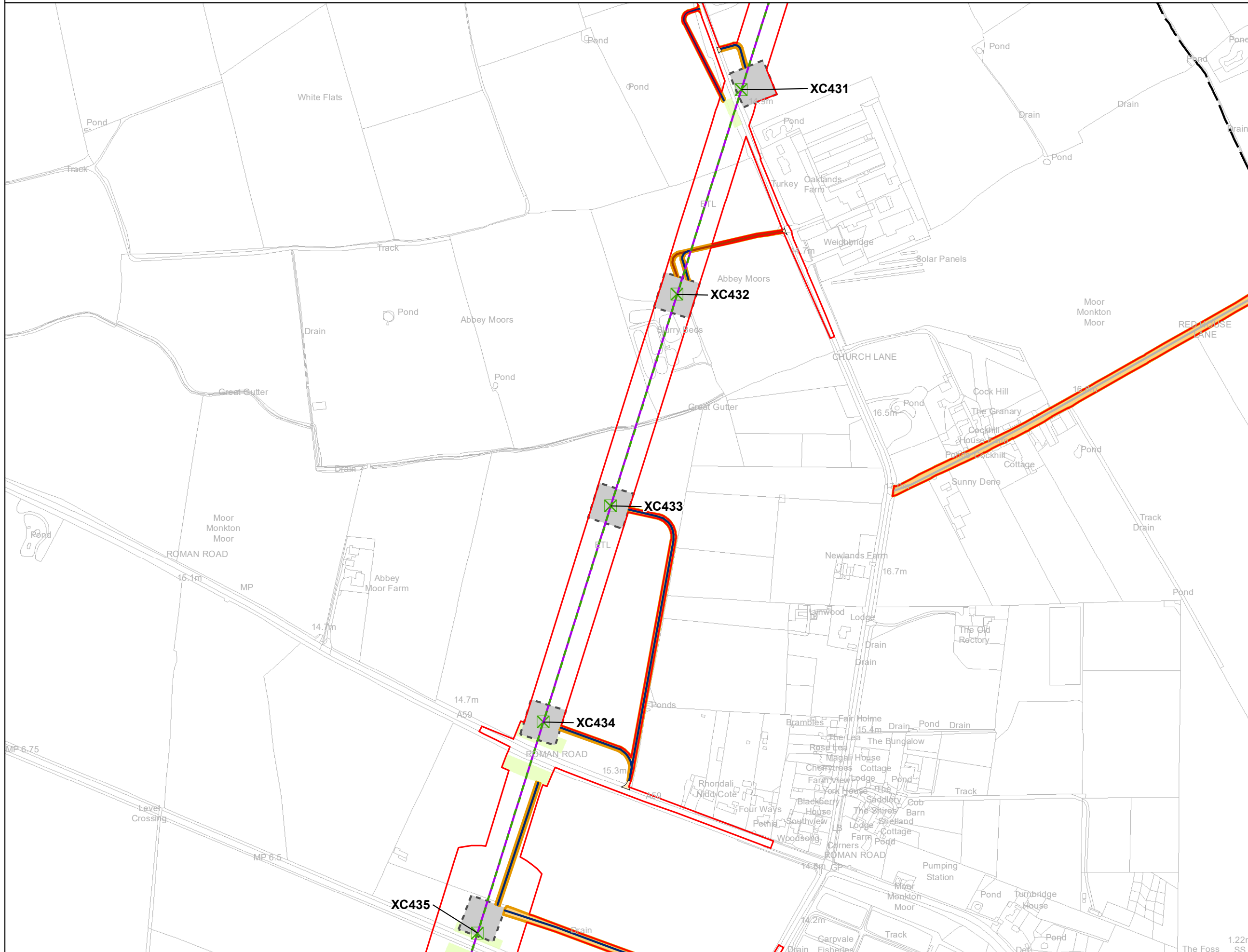
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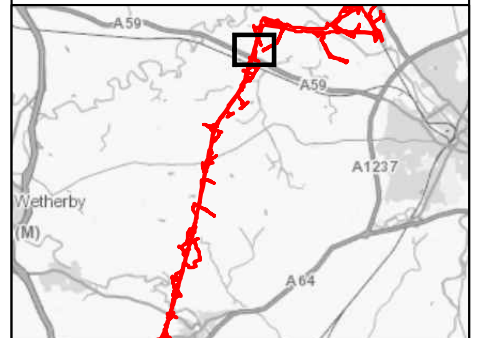
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 Figure 3.3 Section C: Moor Monkton to Tadcaster

Legend

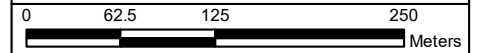
- Order Limits
- Section Breaks
- Existing Overhead Line - To be Reconductored
- Existing Lattice Pylon - To be Modified
- Bellmouth
- Stone
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas
- Indicative Crossing Protection



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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A	1 Nov 2022	For DCO Submission	BERNB	DIMMR	CHADC

Title
 5.4.3, ES CHAPTER 3,
 DESCRIPTION OF
 THE PROJECT FIGURES
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 MOOR MONKTON TO TADCASTER



Figure Number
 FIGURE 3.3

Drawing Reference
 806503-WOOD-0286B

Scale	Sheet Size	Sheet	Issue
1:5,000	A3	Page 2 of 12	B



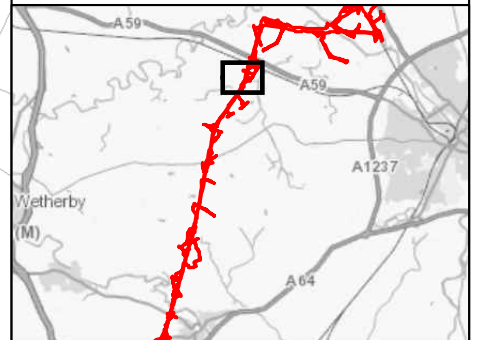
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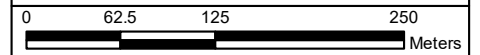
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- Existing Lattice Pylon - To be Modified
- Bellmouth
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas
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Notes

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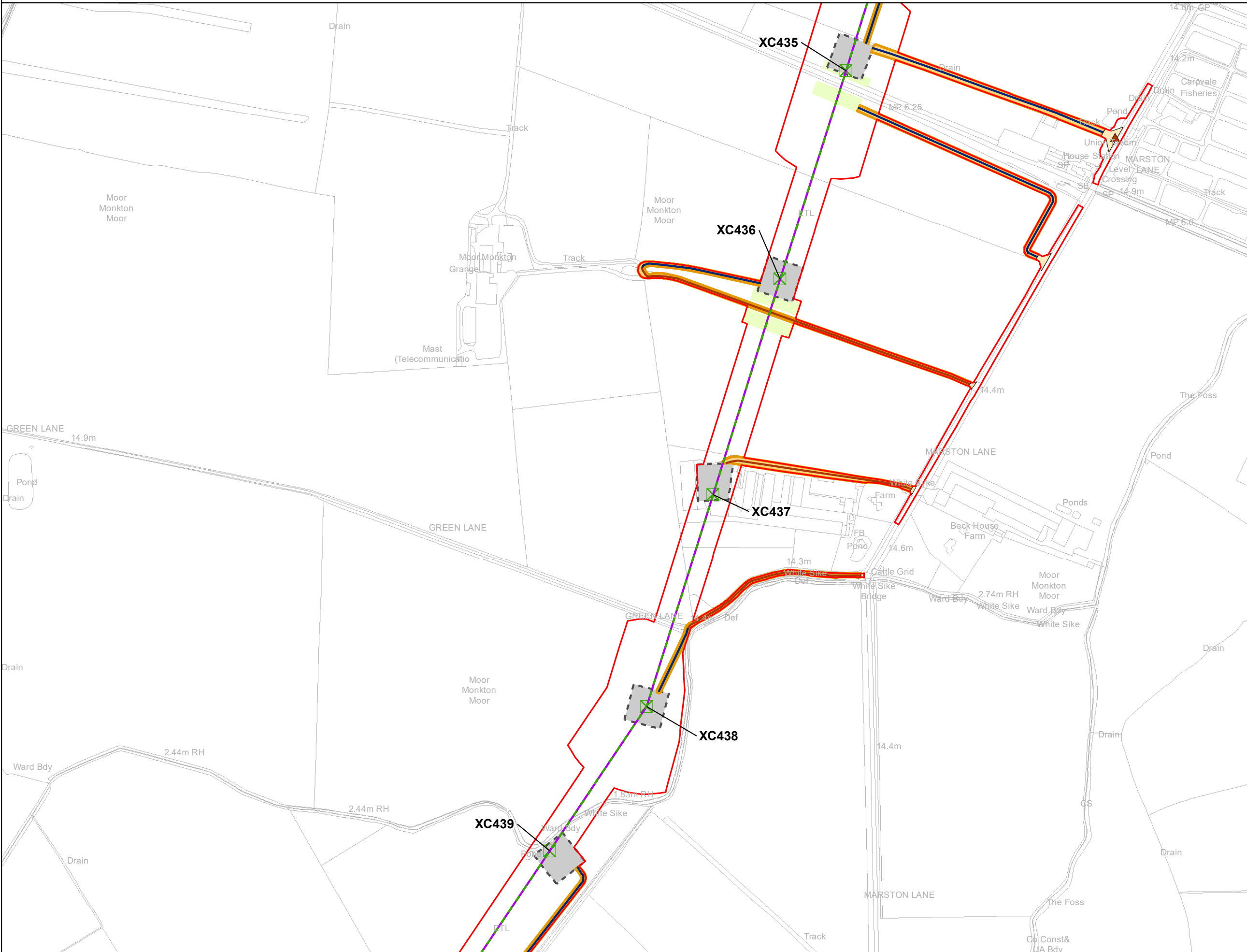
**5.4.3, ES CHAPTER 3,
 DESCRIPTION OF
 THE PROJECT FIGURES
 FIGURE 3.3 SECTION C:
 MOOR MONKTON TO TADCASTER**



Figure Number: **FIGURE 3.3**

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

Scale	Sheet Size	Sheet	Issue
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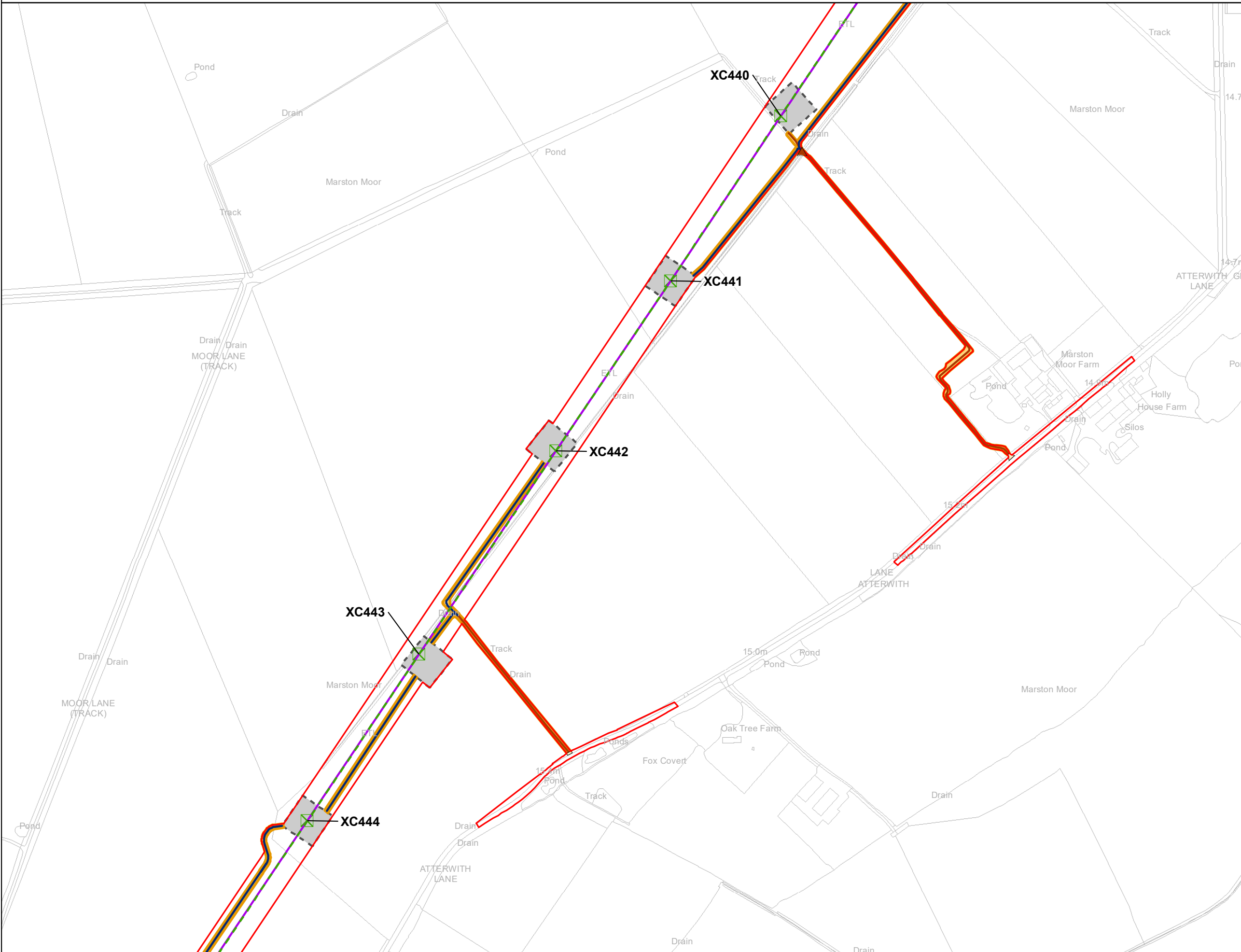




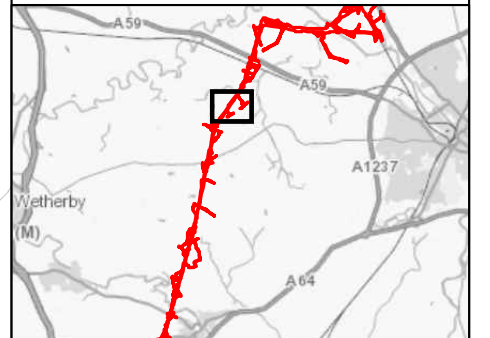
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 Figure 3.3 Section C: Moor Monkton to Tadcaster

Legend

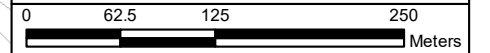
- Order Limits
- Existing Overhead Line - To be Reconductored
- Existing Lattice Pylon - To be Modified
- Bellmouth
- ▲ Culvert / bridge
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas



Notes
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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
B	17 Feb 2023	S.51 Advice Submission	BERNB	DIMMR	CHADC
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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-0286B

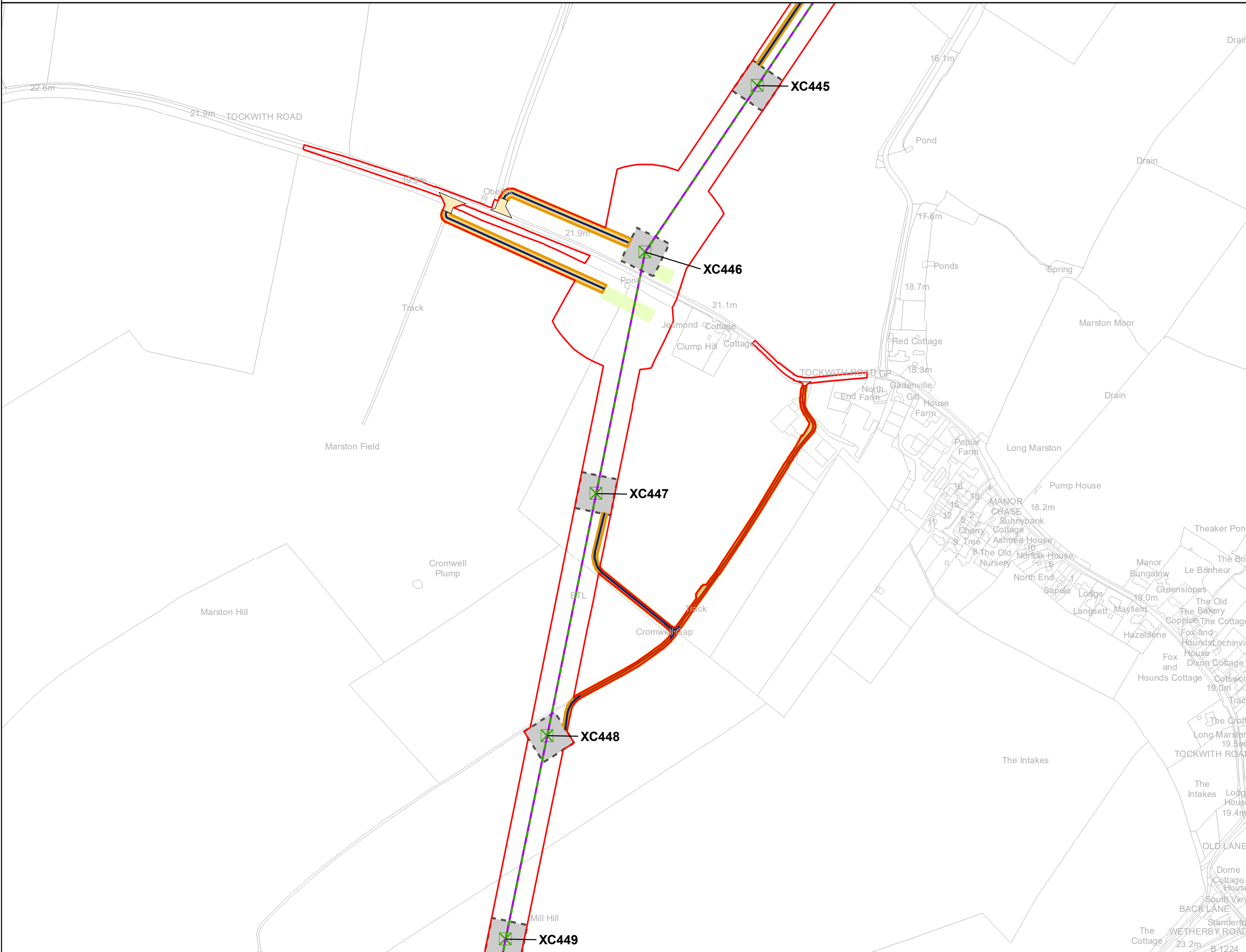
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National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.3 Section C: Moor Monkton to Tadcaster

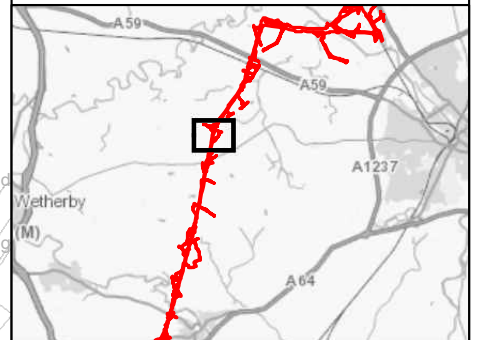
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- Order Limits
- Existing Overhead Line - To be Reconductored
- Existing Lattice Pylon - To be Modified
- Bellmouth
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas
- Indicative Crossing Protection

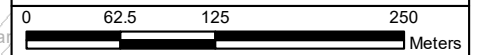


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**5.4.3, ES CHAPTER 3,
 DESCRIPTION OF
 THE PROJECT FIGURES
 FIGURE 3.3 SECTION C:
 MOOR MONKTON TO TADCASTER**



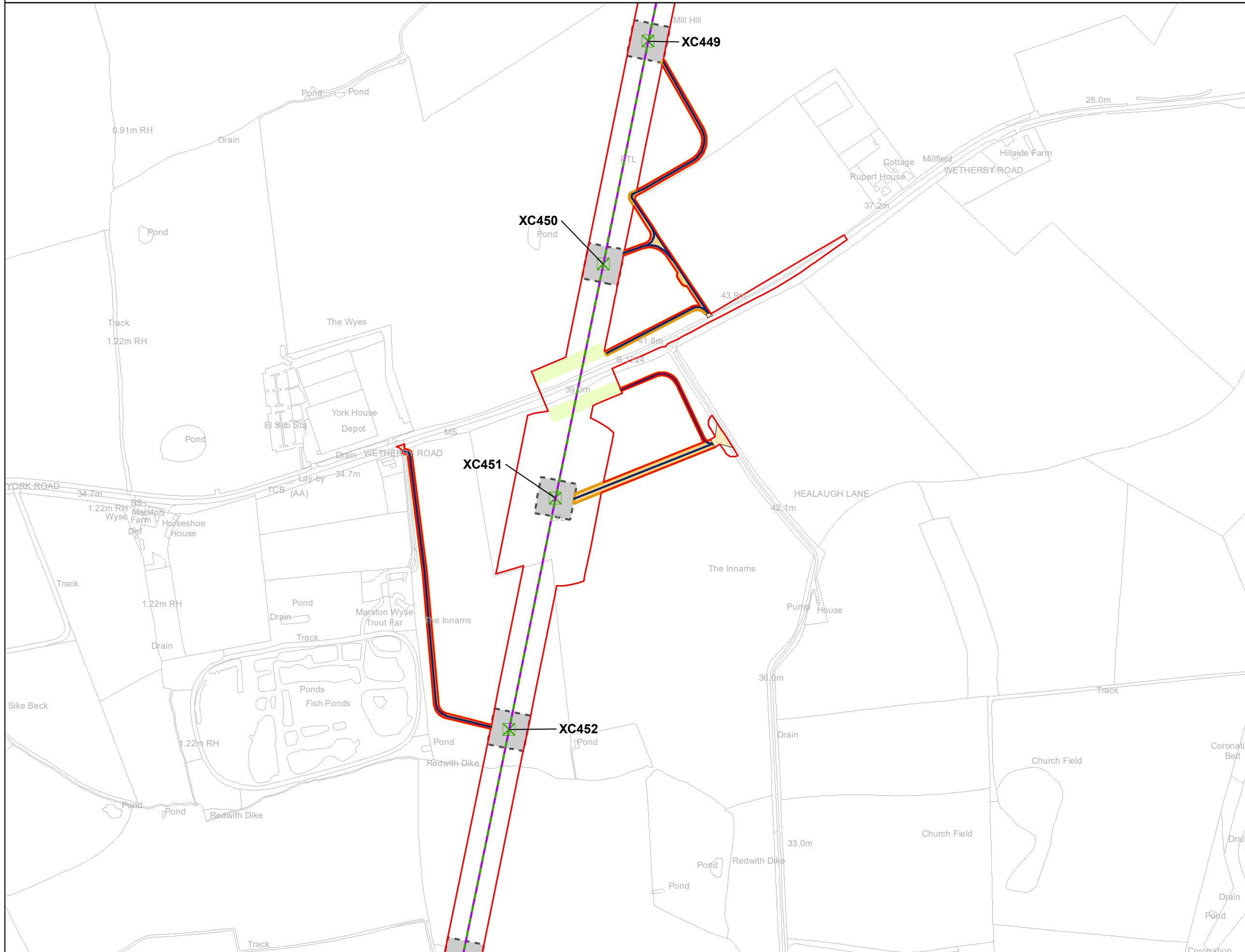
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Scale	Sheet Size	Sheet	Issue
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National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.3 Section C: Moor Monkton to Tadcaster

Legend

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

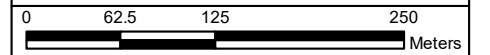


Notes

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



Figure Number
 FIGURE 3.3

Drawing Reference
 806503-WOOD-0286B

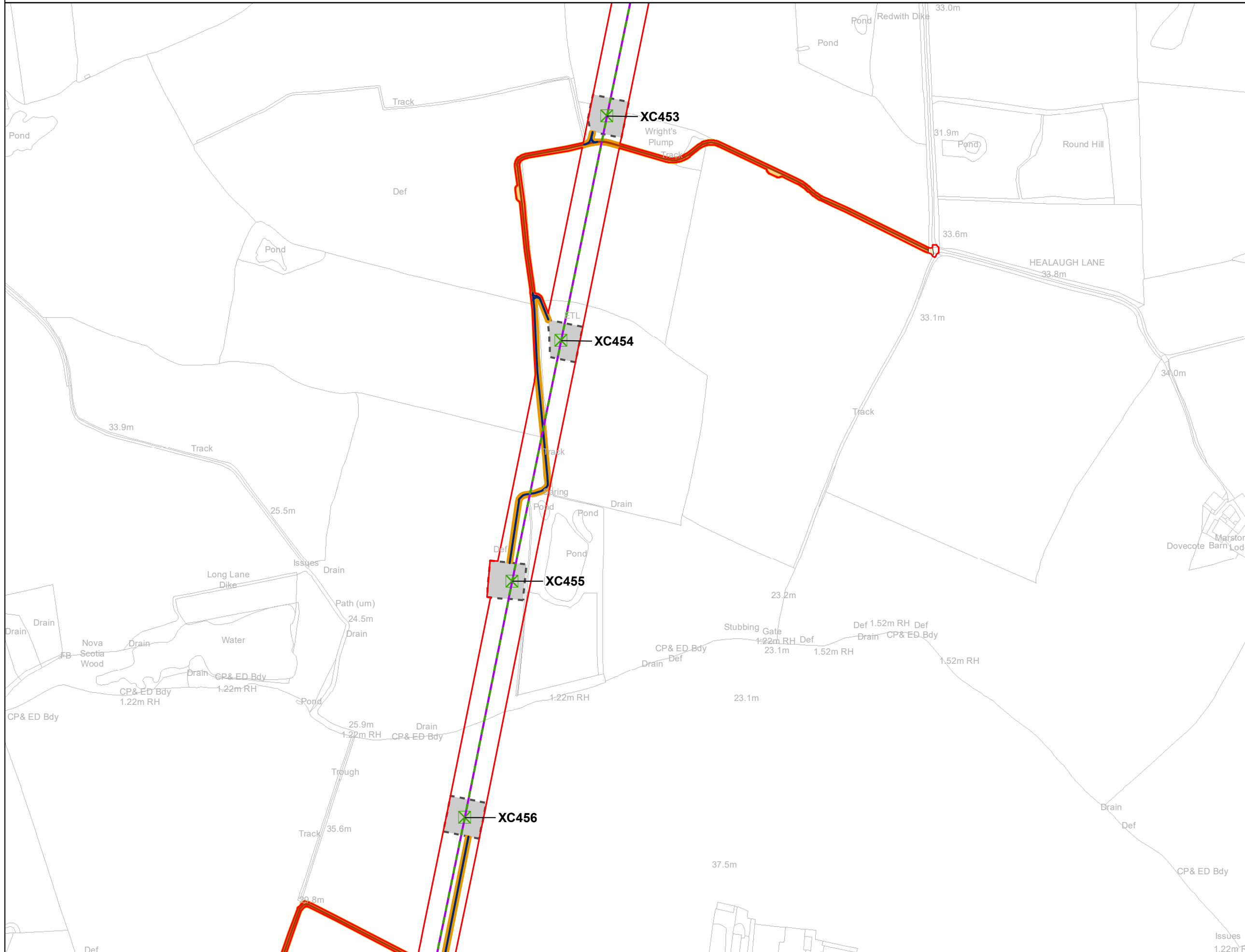
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National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.3 Section C: Moor Monkton to Tadcaster

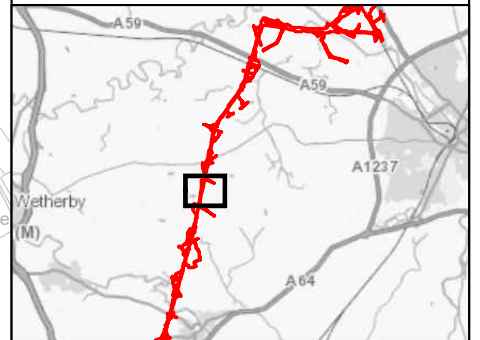
Legend

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

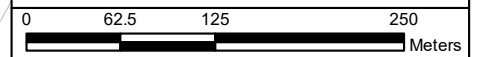


Notes

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 Sheet X Centroid Coordinate: 448,839.24 Sheet Y Centroid Coordinate: 449,293.50



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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**



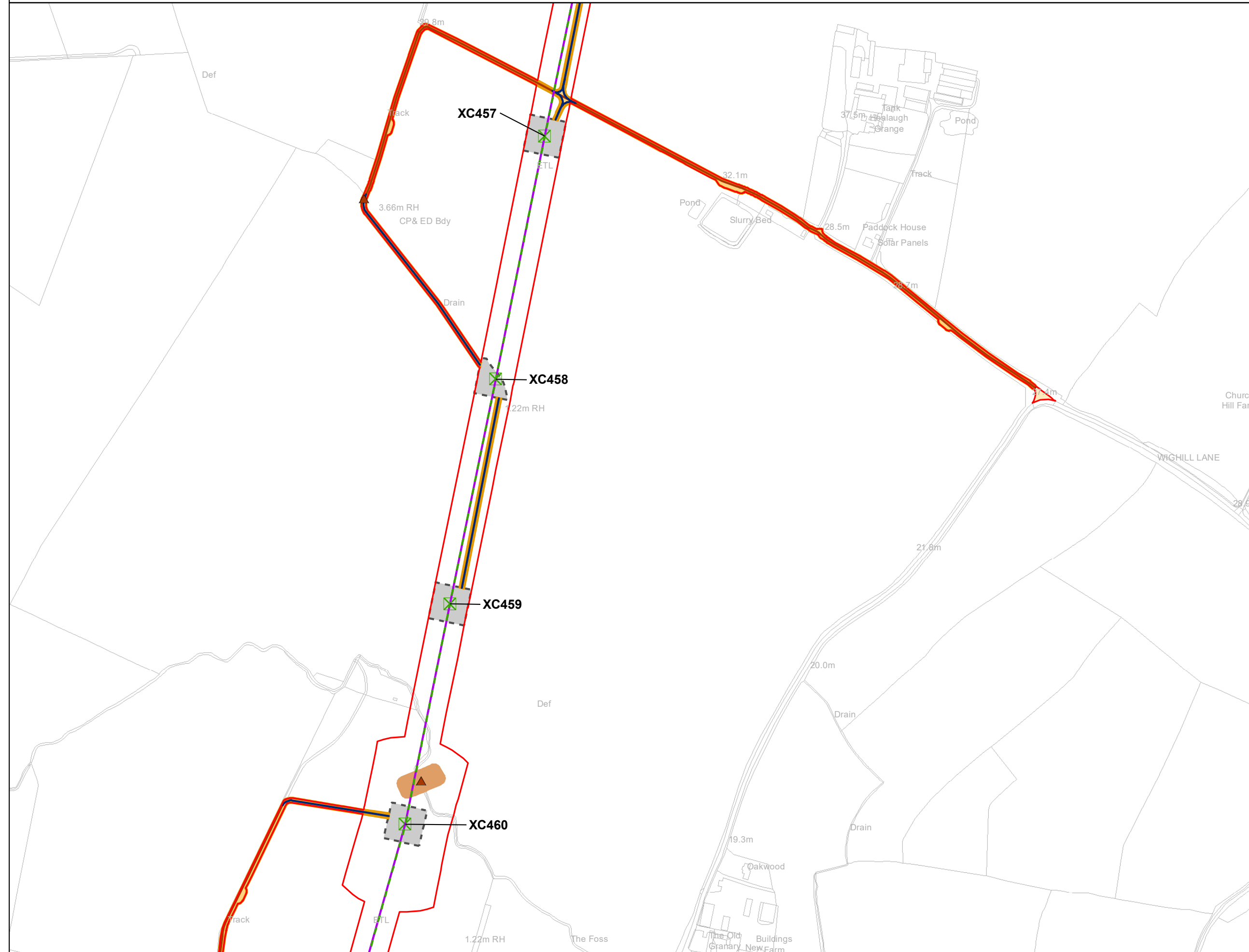
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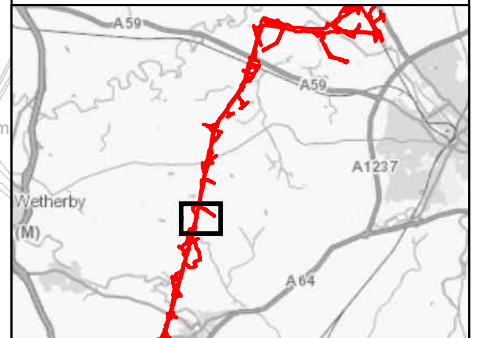
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Legend

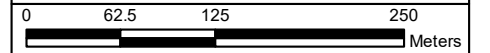
- Order Limits
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- Existing Lattice Pylon - To be Modified
- Bellmouth
- Culvert / bridge
- Bridge Working Area
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas



Notes
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Coordinate System: British National Grid
 Sheet X Centroid Coordinate: 448,680.49 Sheet Y Centroid Coordinate: 448,090.97



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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



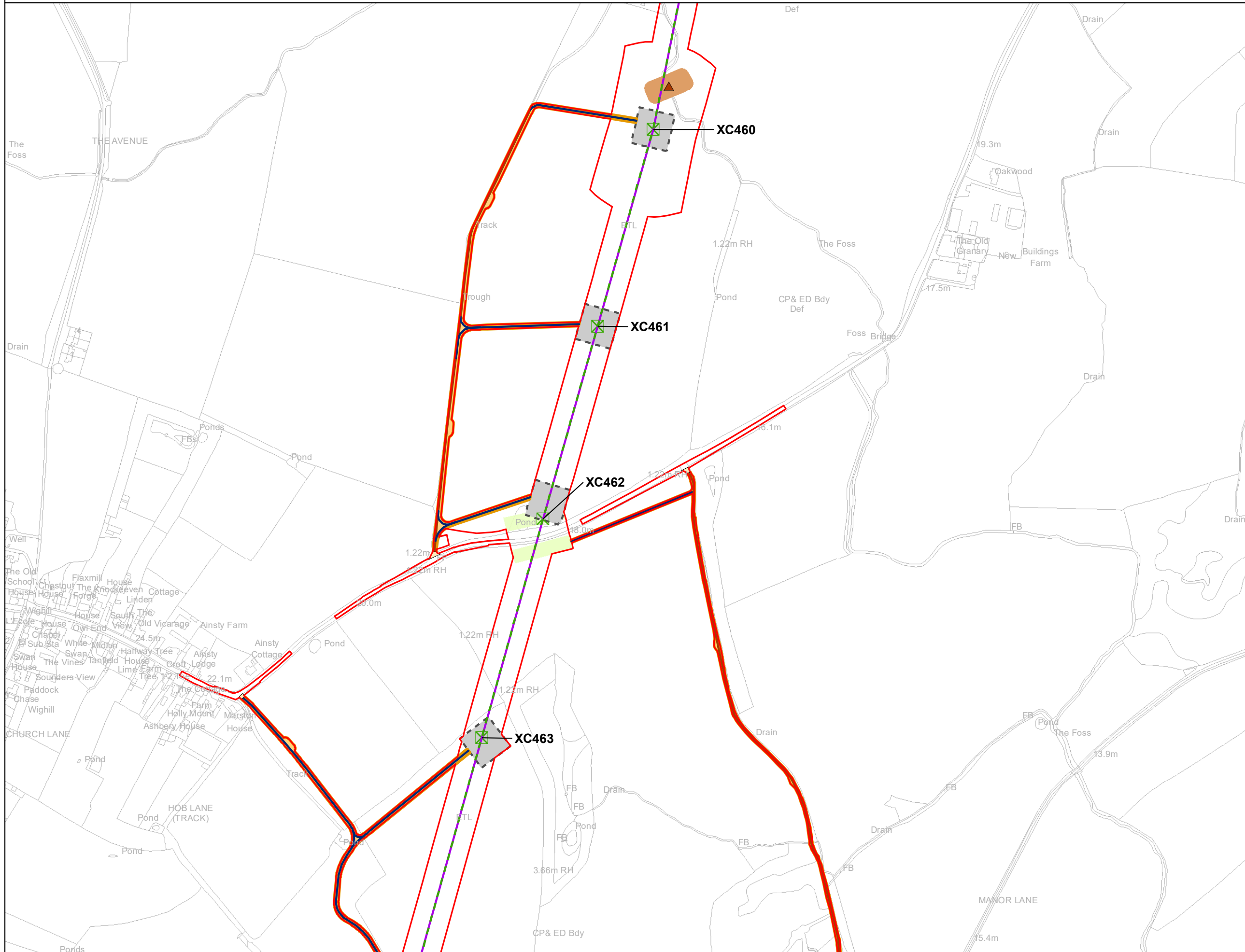
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Drawing Reference
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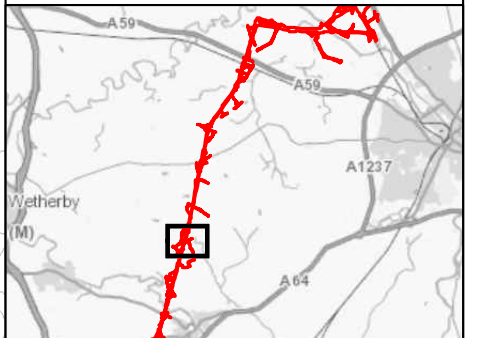


National Grid (Yorkshire Green Energy Enablement Project) Order
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 Figure 3.3 Section C: Moor Monkton to Tadcaster

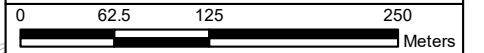


- Legend**
- Order Limits
 - Existing Overhead Line - To be Reconductored
 - Existing Lattice Pylon - To be Modified
 - Bellmouth
 - ▲ Culvert / bridge
 - Bridge Working Area
 - Trackway
 - Existing Track
 - Access Swathes
 - Pylon Working Areas
 - Indicative Crossing Protection

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

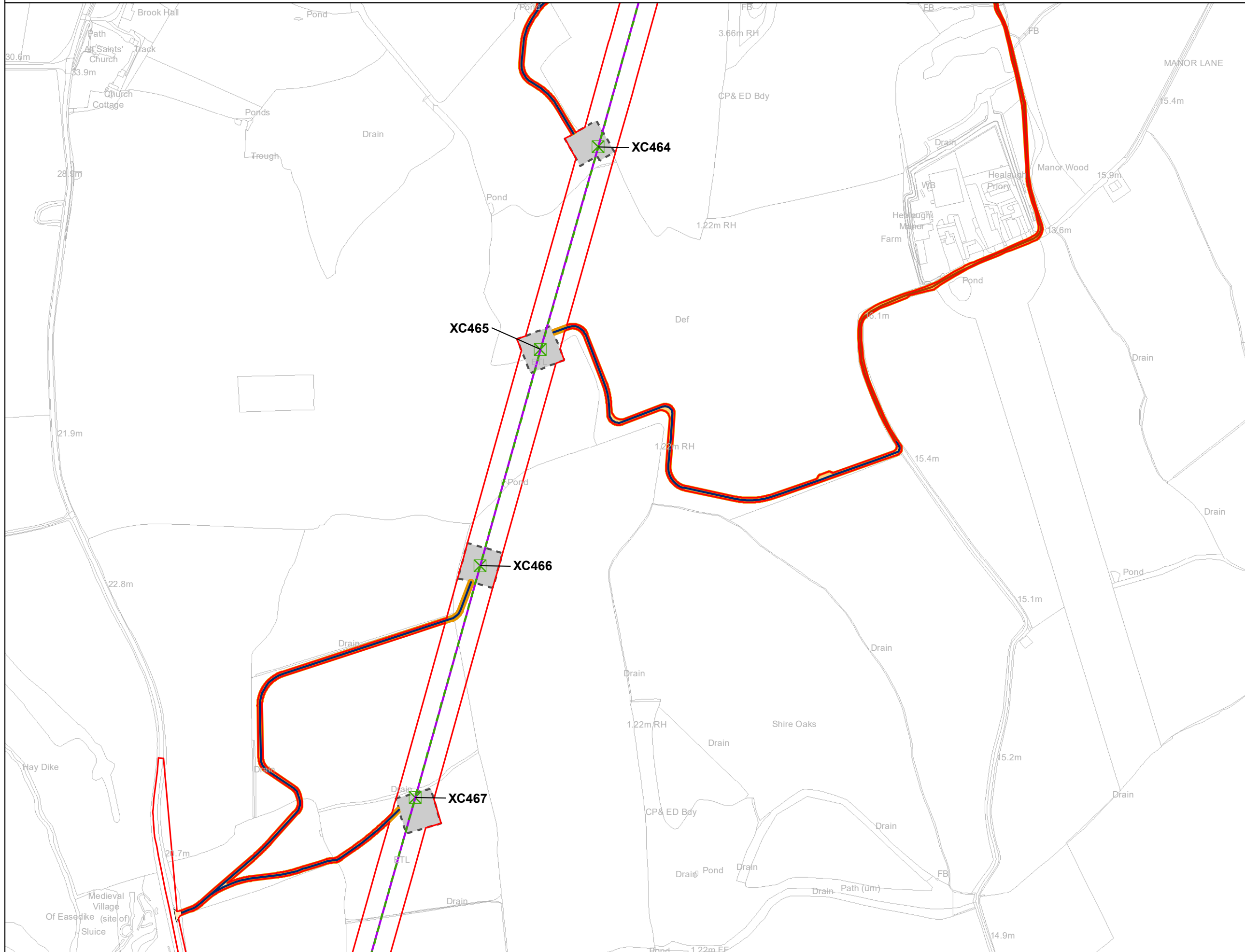
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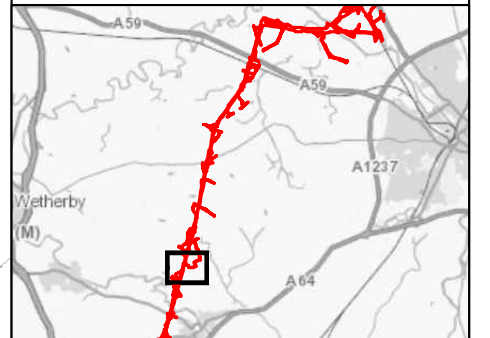
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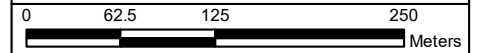
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- Bellmouth
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas



Notes
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Title
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 DESCRIPTION OF
 THE PROJECT FIGURES
 FIGURE 3.3 SECTION C:
 MOOR MONKTON TO TADCASTER

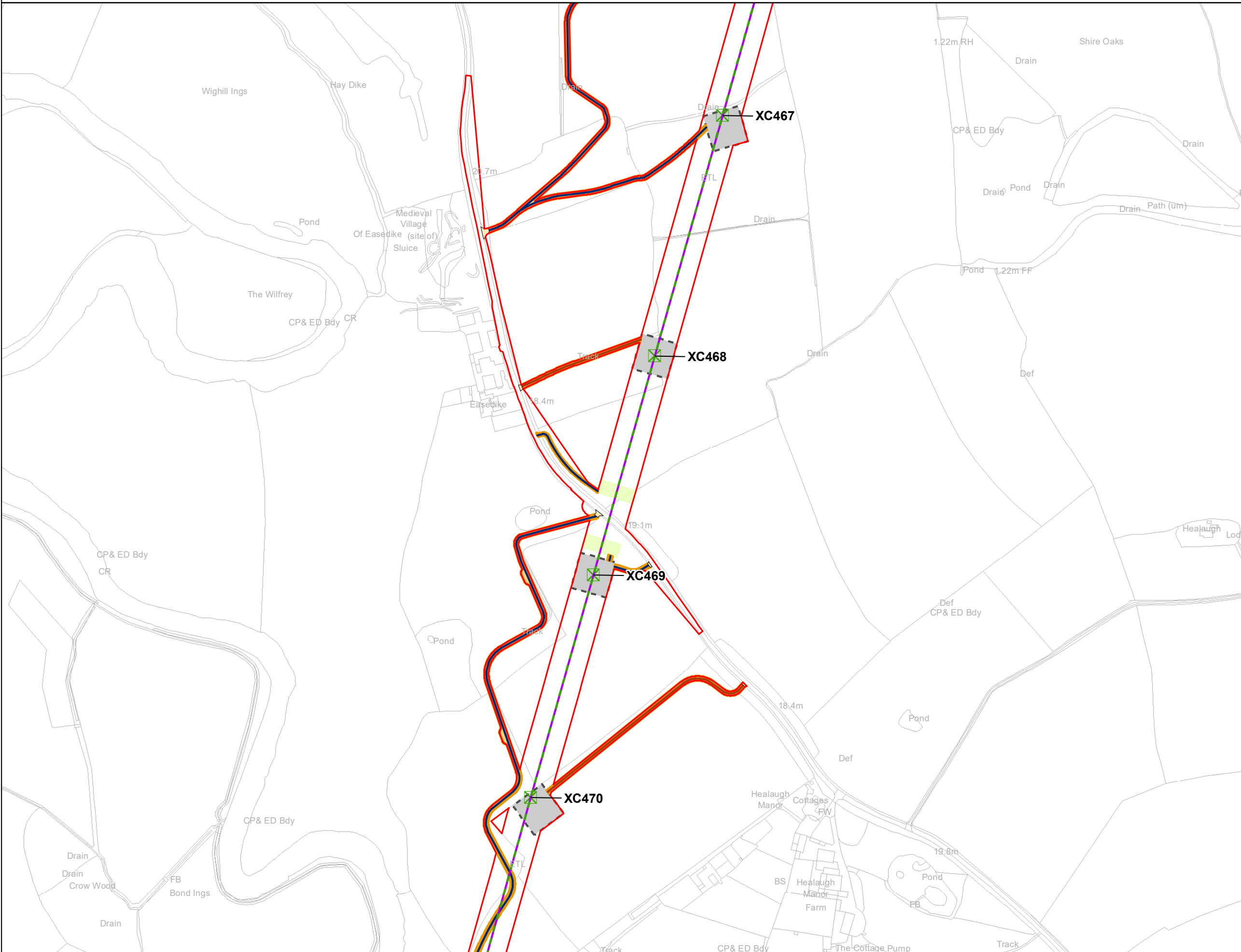
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National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.3 Section C: Moor Monkton to Tadcaster

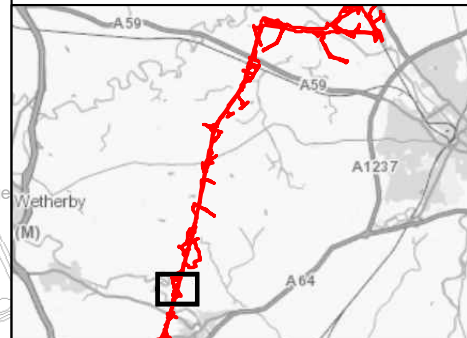
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- Order Limits
- Existing Overhead Line - To be Reconductored
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- Trackway
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- Pylon Working Areas
- Indicative Crossing Protection

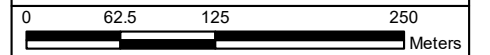


Notes

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Coordinate System: British National Grid
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B	7 Feb 2023	S.51 Advice Submission	BERNB	DIMMR	CHADC
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**



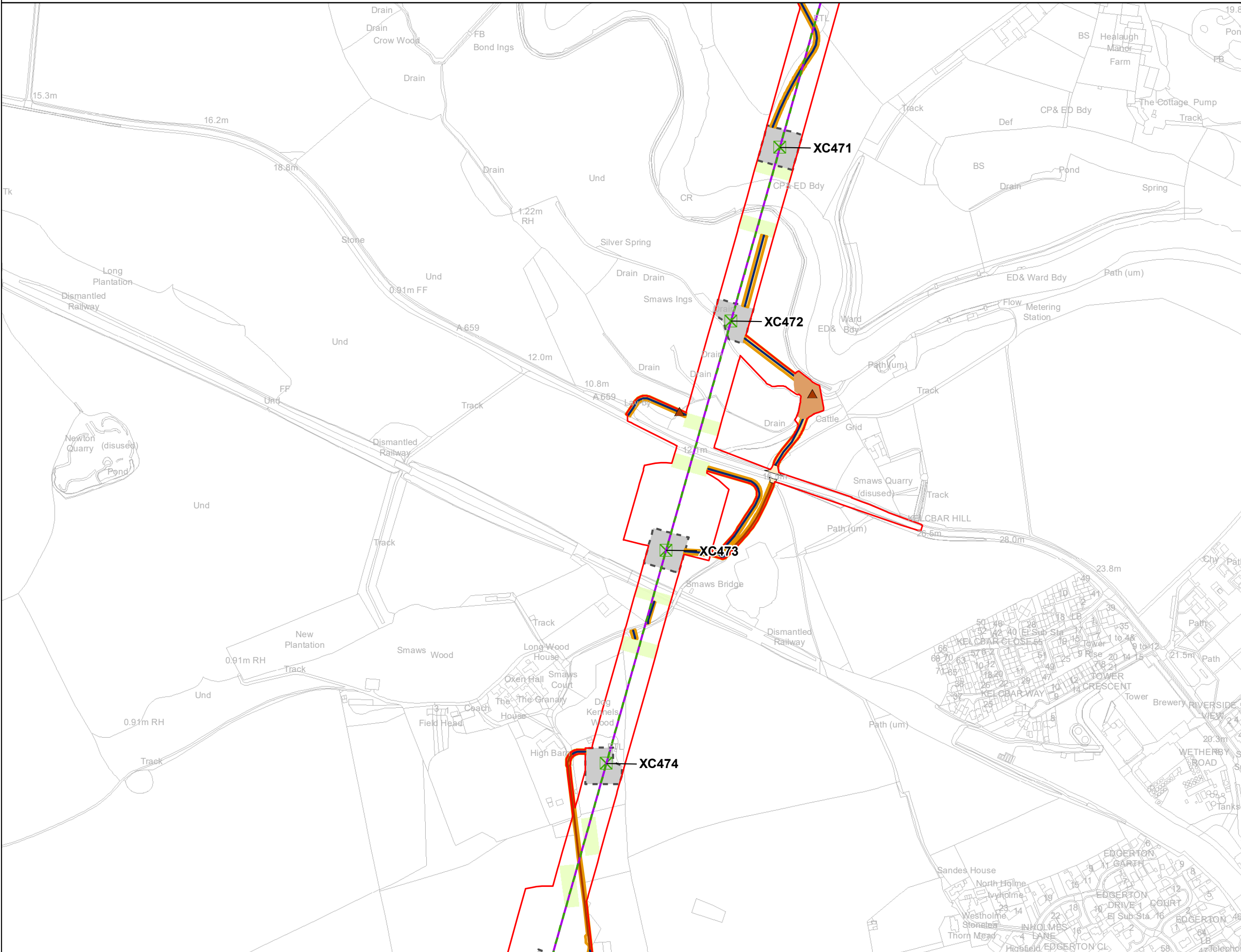
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Drawing Reference
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Scale	Sheet Size	Sheet	Issue
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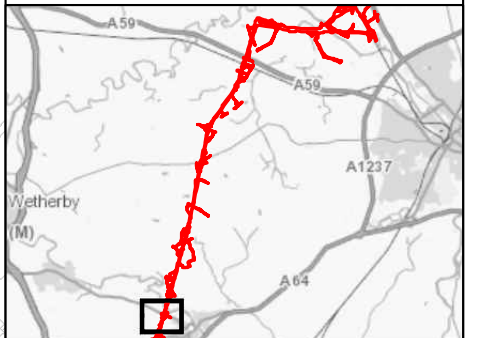


National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.3 Section C: Moor Monkton to Tadcaster

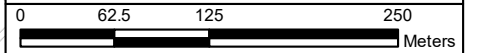


- Legend**
- Order Limits
 - Existing Overhead Line - To be Reconstructed
 - Existing Lattice Pylon - To be Modified
 - Bellmouth
 - ▲ Culvert / bridge
 - Bridge Working Area
 - Trackway
 - Existing Track
 - Access Swathes
 - Pylon Working Areas
 - Indicative Crossing Protection

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: 447,238.24 Sheet Y Centroid Coordinate: 443,897.58



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Issue	Date	Remarks	Drawn	Checked	Approved
B	17 Feb 2023	S.51 Advice Submission	BERNB	DIMMR	CHADC
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-0286B

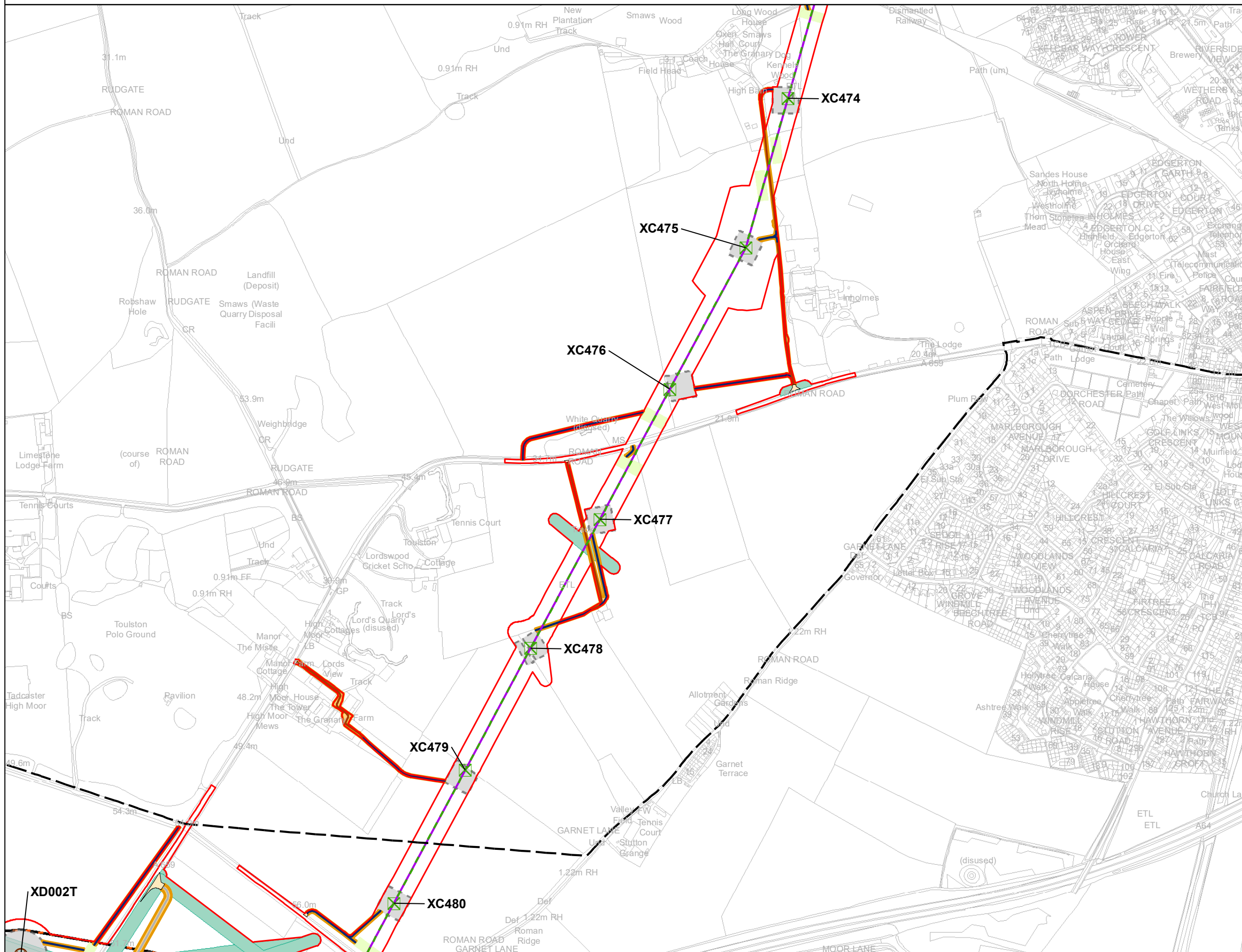
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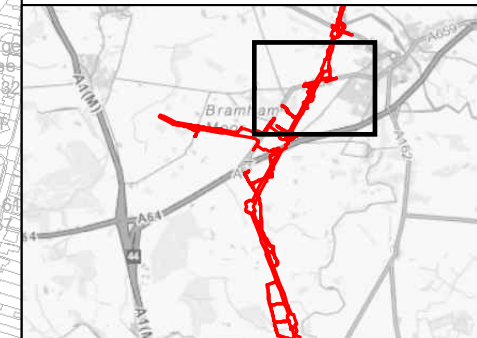
National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.4(B) Section D: Tadcaster Area

Legend

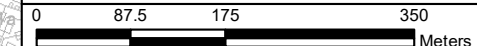
- Order Limits
- Section Breaks
- Existing Overhead Line - To be Reconstructed
- Existing Lattice Pylon - To be Modified
- Indicative Temporary Pylon or Mast
- Bellmouth
- Stone
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas
- Indicative Third Party Limits of Deviation
- Indicative 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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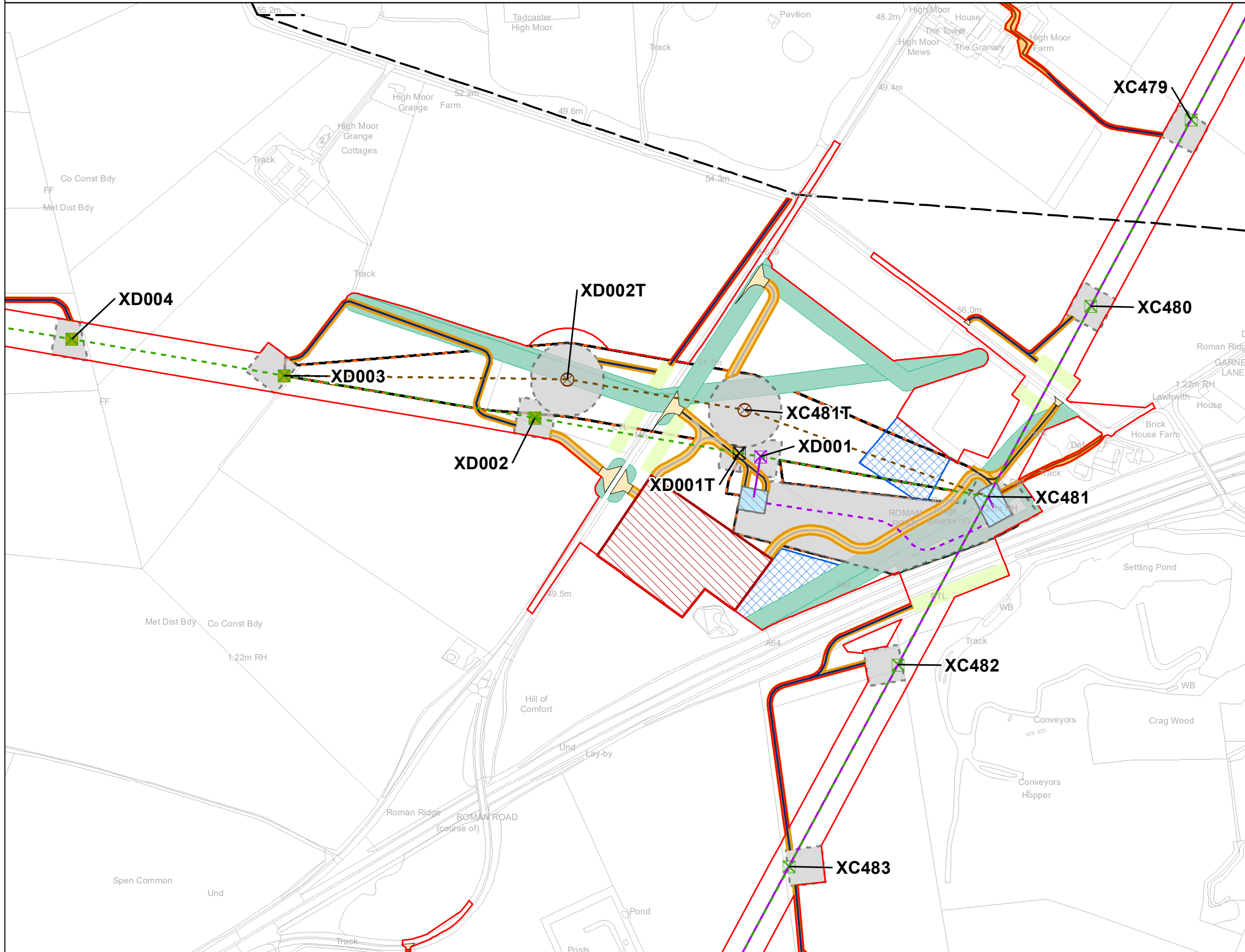
B	28/07/23	Deadline 6	BERNB	DIMMR	CHADC
A	1 Nov 2022	For DCO Submission	BERNB	DIMMR	CHADC
Issue	Date	Remarks	Drawn	Checked	Approved

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

nationalgrid			
Figure Number		FIGURE 3.4(B)	
Drawing Reference		806503-WOOD-0287 B	
Scale	Sheet Size	Sheet	Issue
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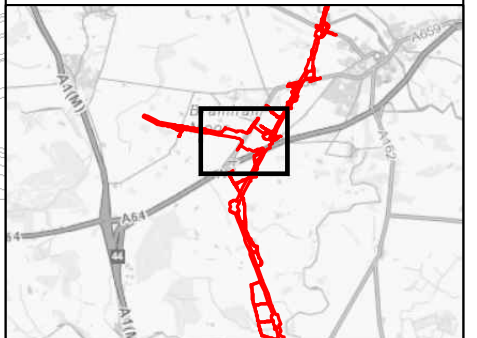


National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.4(B) Section D: Tadcaster Area

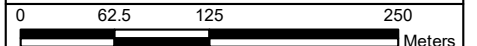


- Legend**
- Order Limits
 - Section Breaks
 - Indicative New Overhead Line
 - New Build Underground Cable
 - Temporary Overhead Line
 - Existing Overhead Line - To be Modified
 - Existing Overhead Line - To be Reconductored
 - Indicative Construction Compounds
 - Indicative CSEC area
 - Existing Lattice 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.



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 Sheet X Centroid Coordinate: 445.821.92 Sheet Y Centroid Coordinate: 441.723.05



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B	28/07/23	Deadline 6	BERNB	DIMMR	CHADC
A	1 Nov 2022	For DCO Submission	BERNB	DIMMR	CHADC
Issue	Date	Remarks	Drawn	Checked	Approved

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

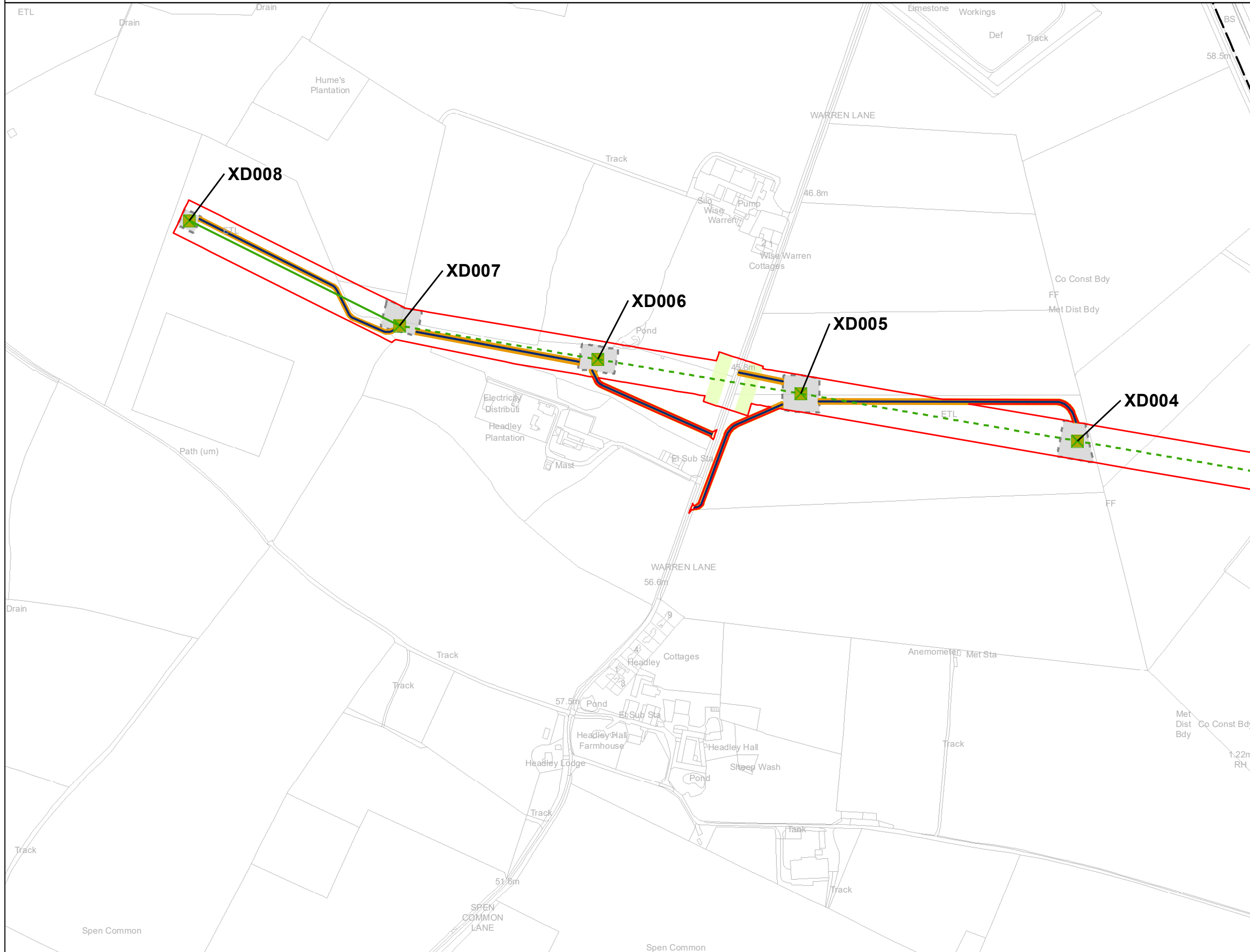
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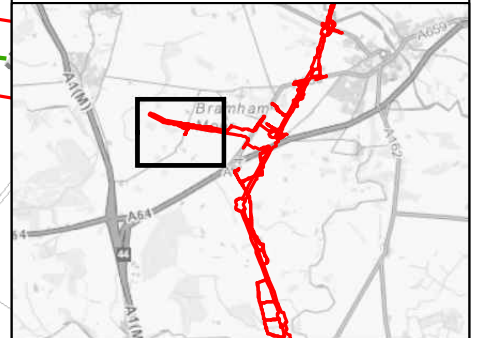
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 Figure 3.4(B) Section D: Tadcaster Area

Legend

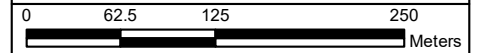
- Order Limits
- Section Breaks
- Existing Overhead Line - Not Affected
- Existing Overhead Line - To be Modified
- Existing Lattice Pylon - Not Affected
- Bellmouth
- Trackway
- Access Swathes
- Pylon Working Areas
- Indicative Crossing Protection



Notes
 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.



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 Sheet X Centroid Coordinate: 444,443.96 Sheet Y Centroid Coordinate: 441,862.75



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B	28/07/23	Deadline 6	BERNB	DIMMR	CHADC
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(B) SECTION D:
 TADCASTER AREA



Figure Number
 FIGURE 3.4(B)

Drawing Reference
 806503-WOOD-0287 B

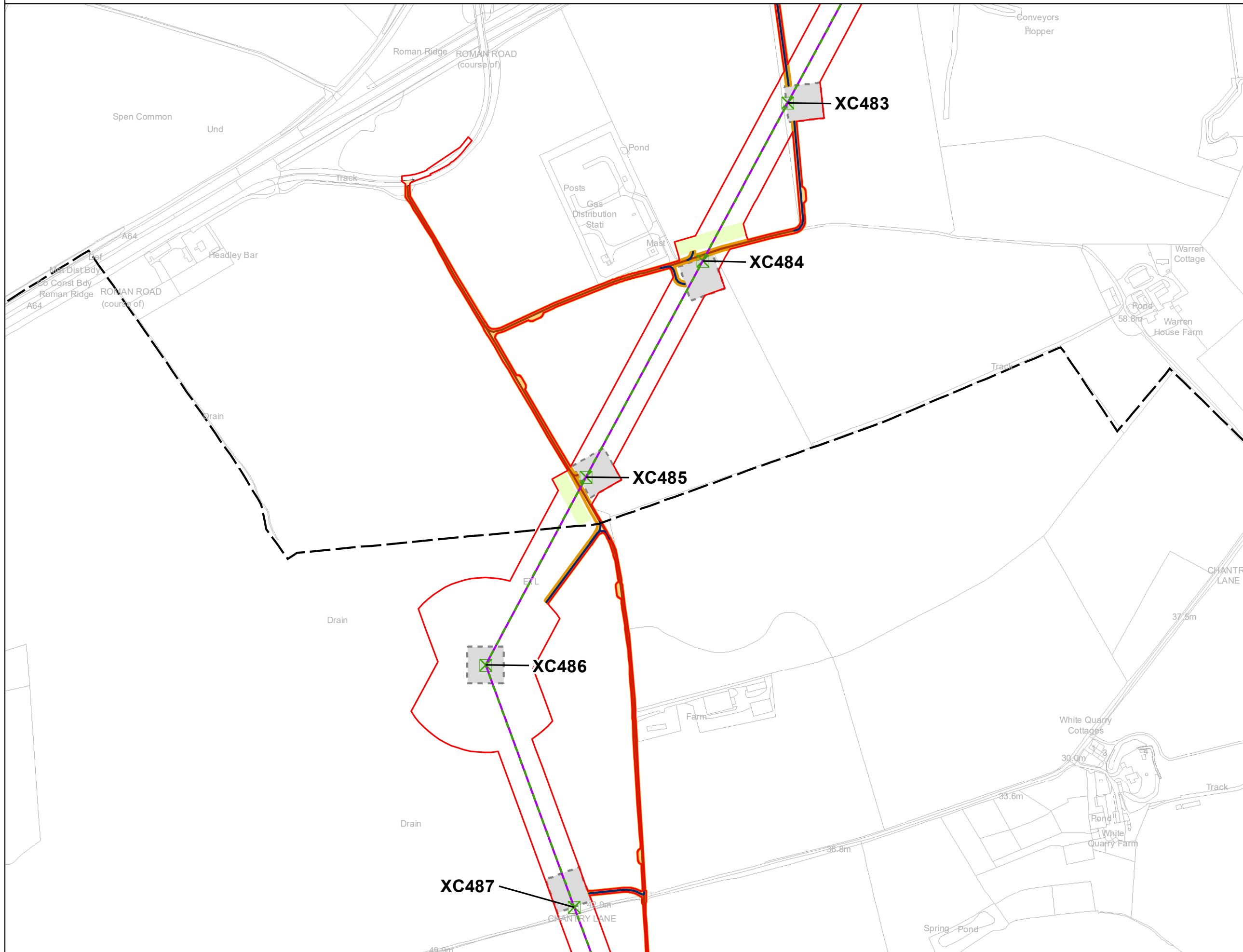
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National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.4(B) Section D: Tadcaster Area

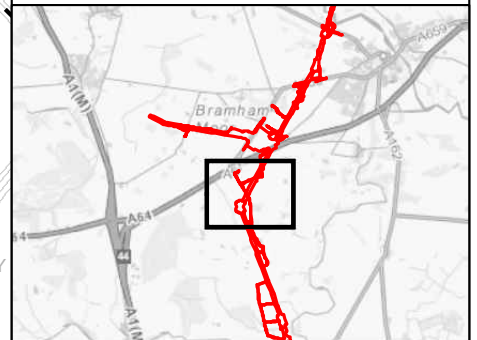
Legend

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

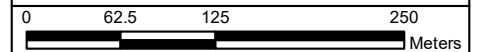


Notes

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 Sheet X Centroid Coordinate: 445.821.92 Sheet Y Centroid Coordinate: 440.675.30



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A	1 Nov 2022	For DCO Submission	BERNB	DIMMR	CHADC
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Title

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



Figure Number
 FIGURE 3.4(B)

Drawing Reference
 806503-WOOD-0287 B

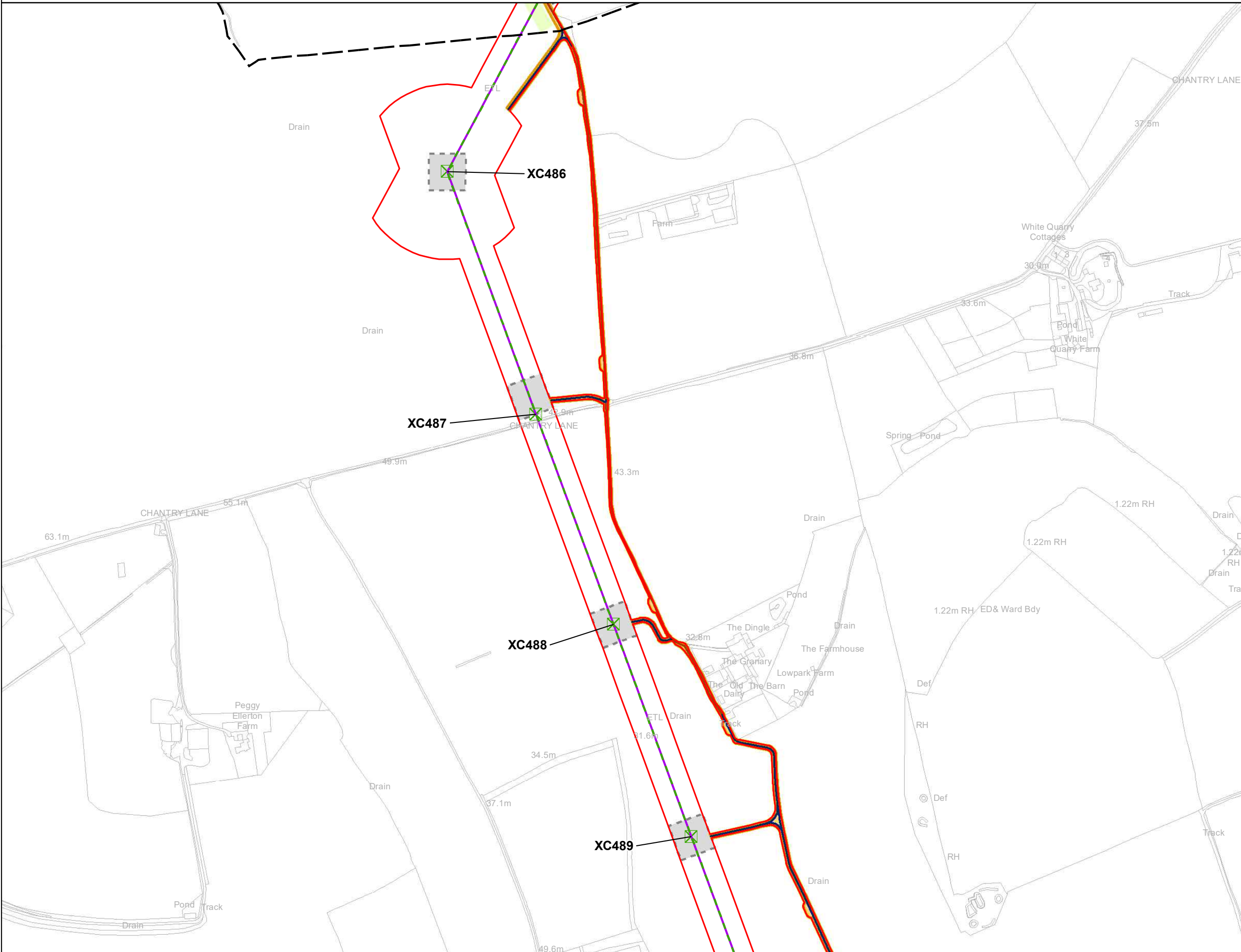
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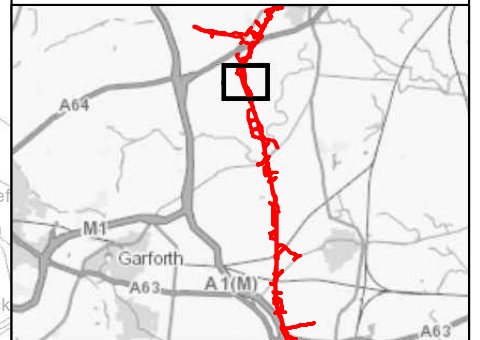
National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.5 Section E: Tadcaster to Monk Fryston

Legend

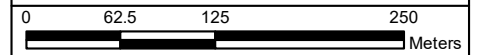
- Order Limits
- Section Breaks
- Existing Overhead Line - To be Reconductored
- Existing Lattice Pylon - To be Modified
- Indicative Crossing Protection
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas



Notes
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Coordinate System: British National Grid
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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 3.5 SECTION E:
 TADCASTER TO MONK FRYSTON



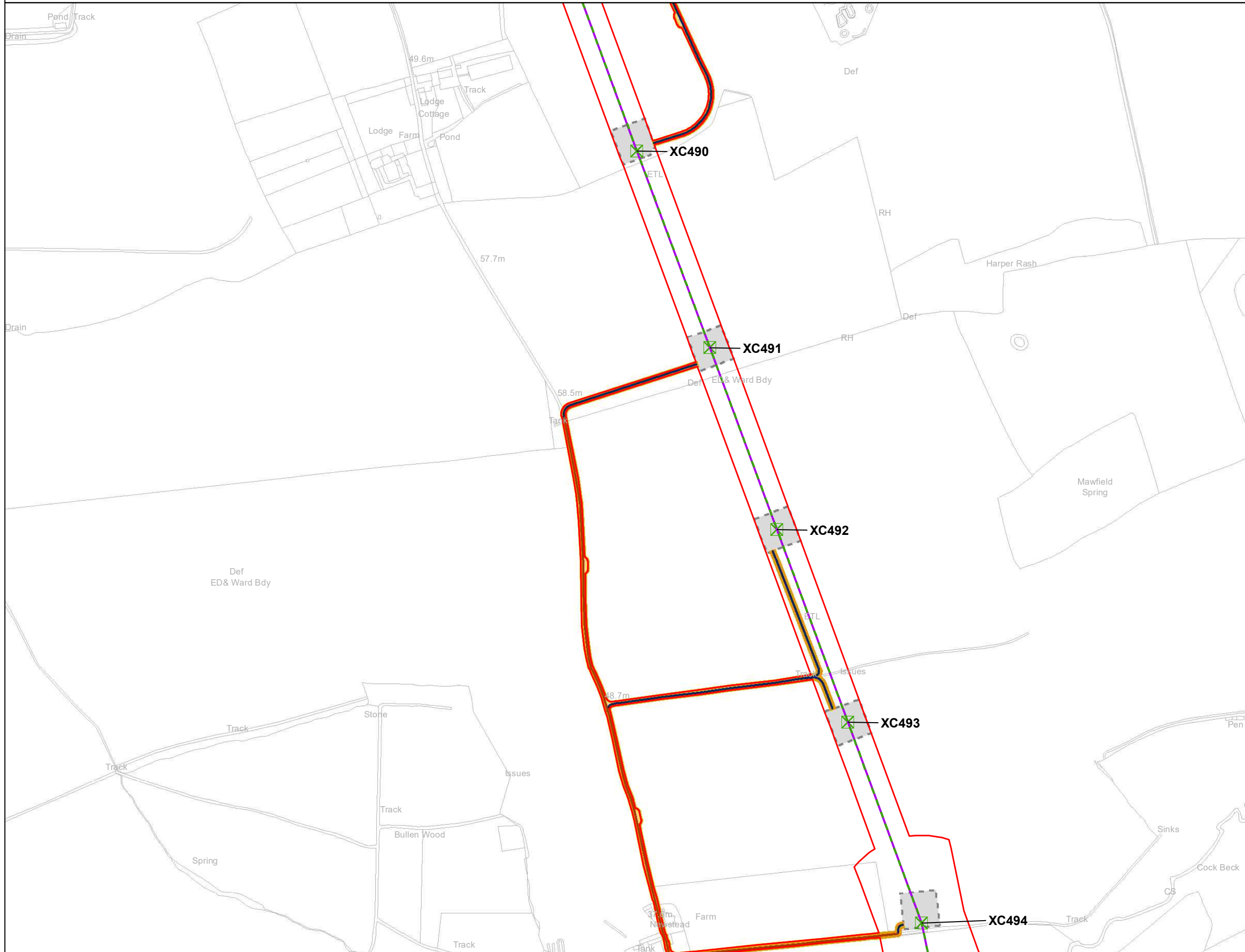
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National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.5 Section E: Tadcaster to Monk Fyston

Legend

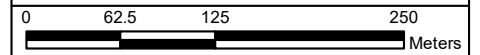
- Order Limits
- Existing Overhead Line - To be Reconstructed
- Existing Lattice Pylon - To be Modified
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas



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

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

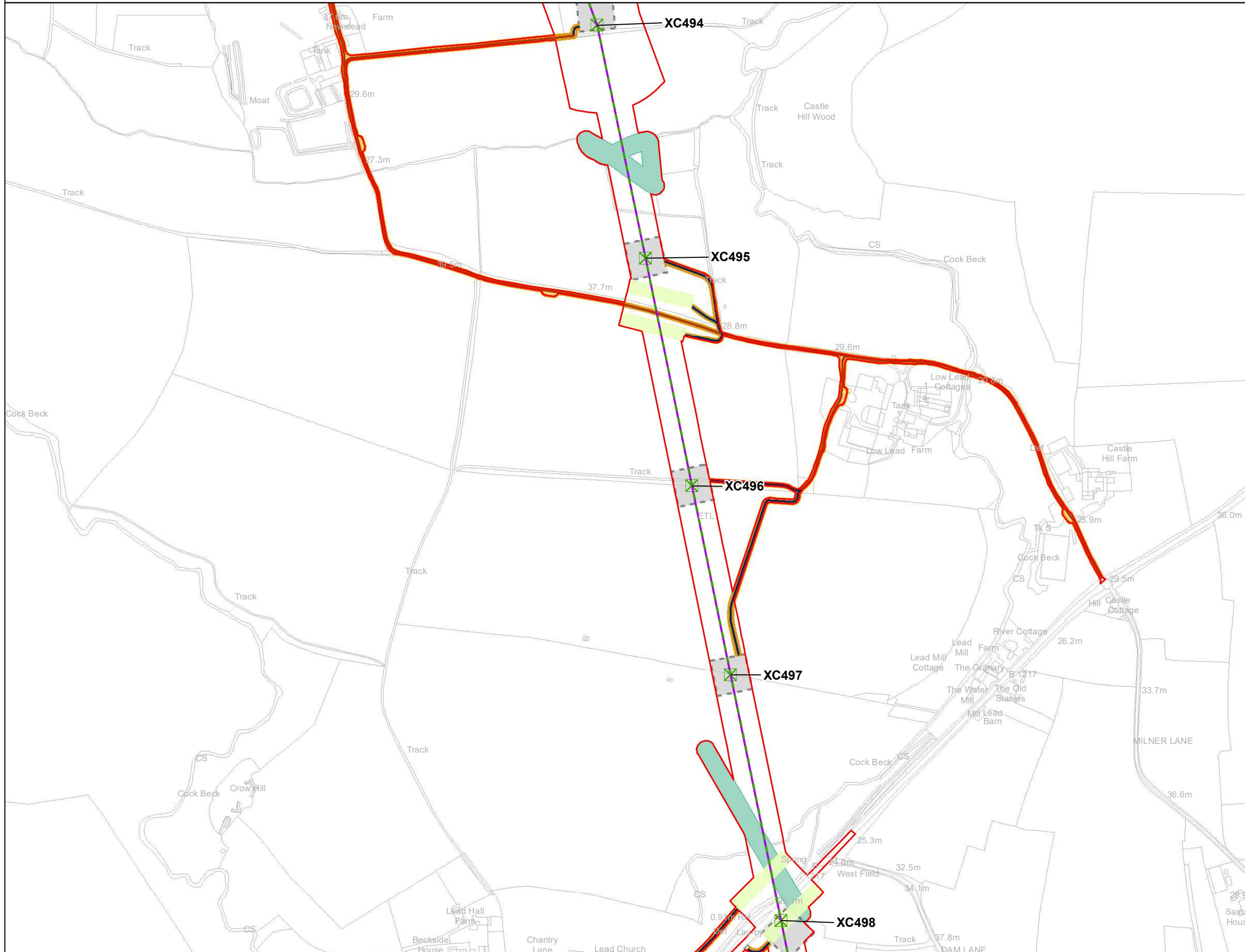
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National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.5 Section E: Tadcaster to Monk Fryston

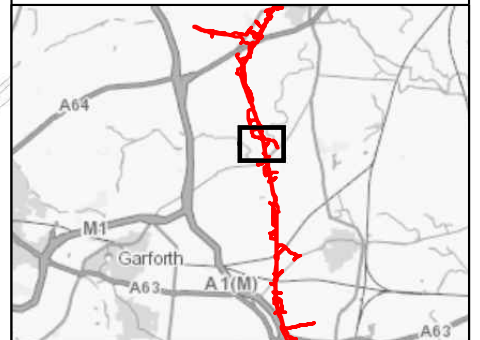
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- Order Limits
- Existing Overhead Line - To be Reconstructed
- Existing Lattice Pylon - To be Modified
- Indicative Crossing Protection
- Bellmouth
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas
- Indicative Third Party Limits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

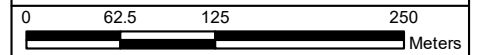


Notes

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

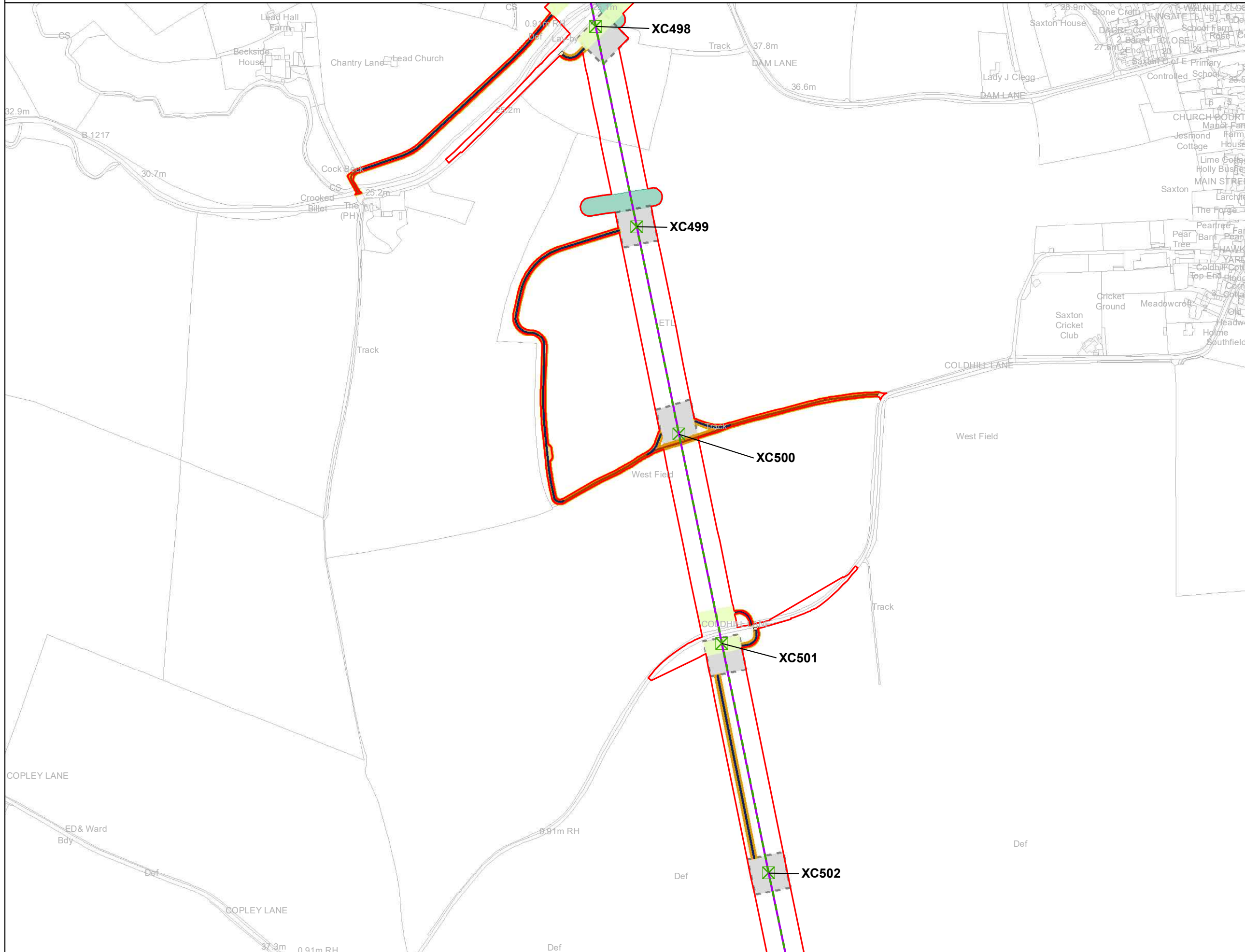
**5.4.3, ES CHAPTER 3,
 DESCRIPTION OF THE
 PROJECT FIGURES
 FIGURE 3.5 SECTION E:
 TADCASTER TO MONK FRYSTON**



Figure Number	FIGURE 3.5		
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Scale	Sheet Size	Sheet	Issue
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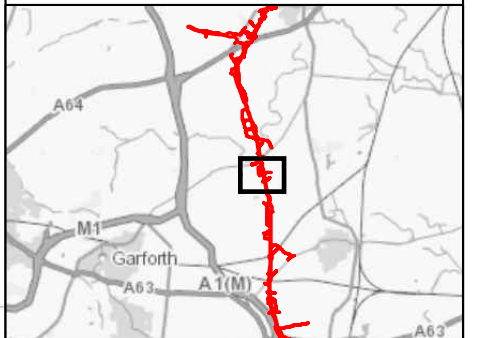


National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.5 Section E: Tadcaster to Monk Fryston

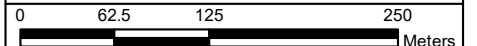


- Legend**
- Order Limits
 - Existing Overhead Line - To be Reconstructed
 - Existing Lattice Pylon - To be Modified
 - Indicative Crossing Protection
 - Bellmouth
 - Trackway
 - Existing Track
 - Access Swathes
 - Pylon Working Areas
 - Indicative Third Party Limits of Deviation

Notes
 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.



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Title
 5.4.3, ES CHAPTER 3,
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nationalgrid			
Figure Number		FIGURE 3.5	
Drawing Reference		806503-WOOD-0288	
Scale	Sheet Size	Sheet	Issue
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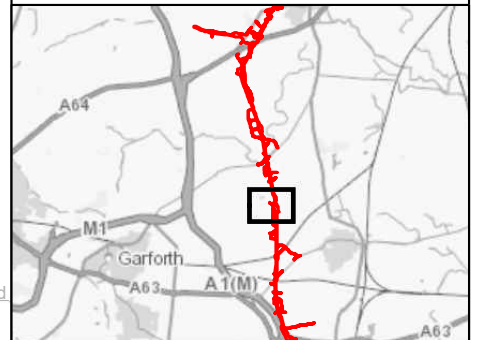
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 Figure 3.5 Section E: Tadcaster to Monk Fryston

Legend

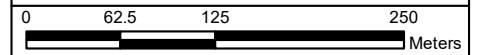
- Order Limits
- Existing Overhead Line - To be Reconstructed
- Existing Lattice Pylon - To be Modified
- Indicative Crossing Protection
- Bellmouth
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas

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.



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A	1 Nov 2022	For DCO Submission	BERNB	DIMMR	CHADC

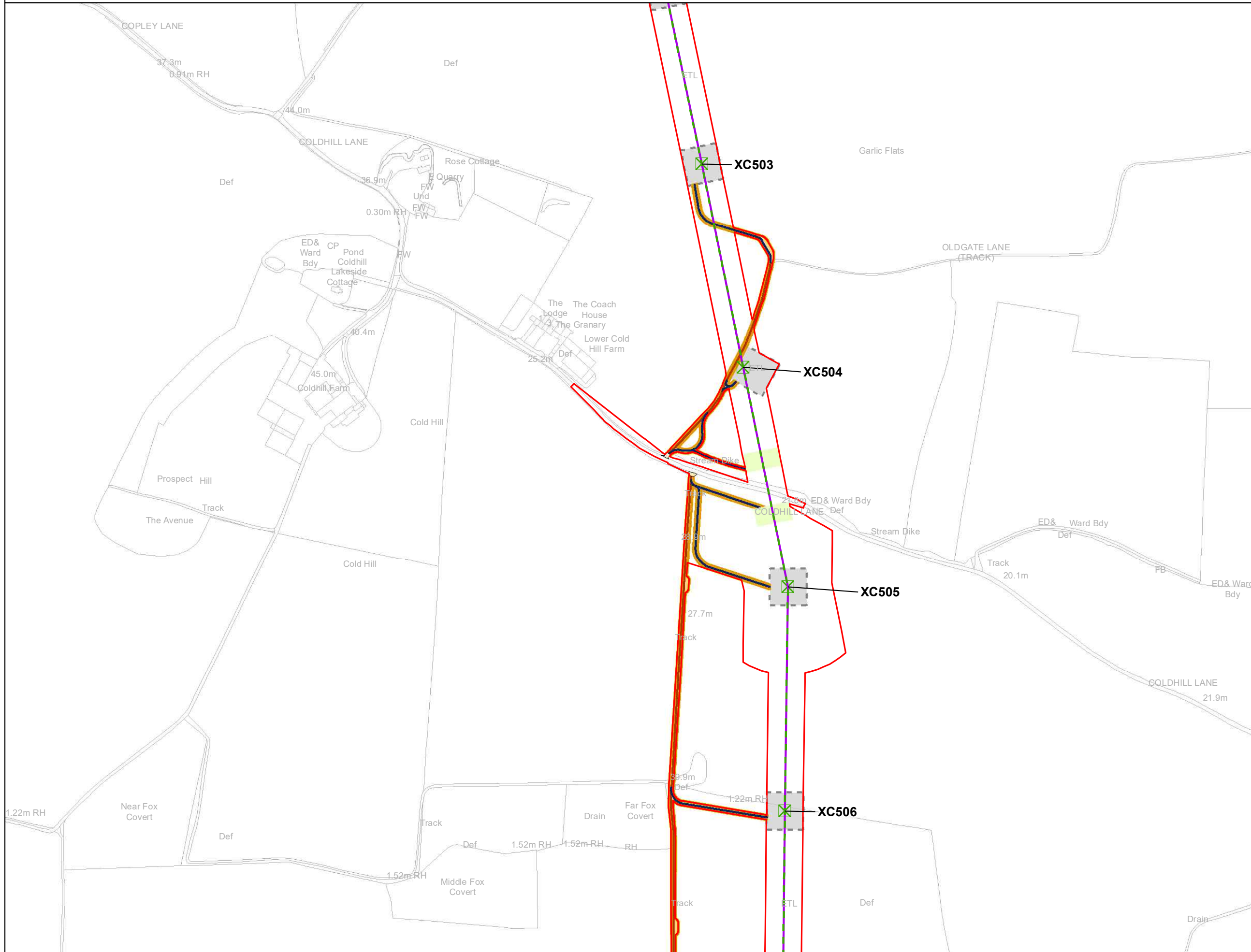
**5.4.3, ES CHAPTER 3,
 DESCRIPTION OF THE
 PROJECT FIGURES
 FIGURE 3.5 SECTION E:
 TADCASTER TO MONK FRYSTON**



Figure Number: **FIGURE 3.5**

Drawing Reference: **806503-WOOD-0288**

Scale	Sheet Size	Sheet	Issue
1:5,000	A3	Page 5 of 8	A

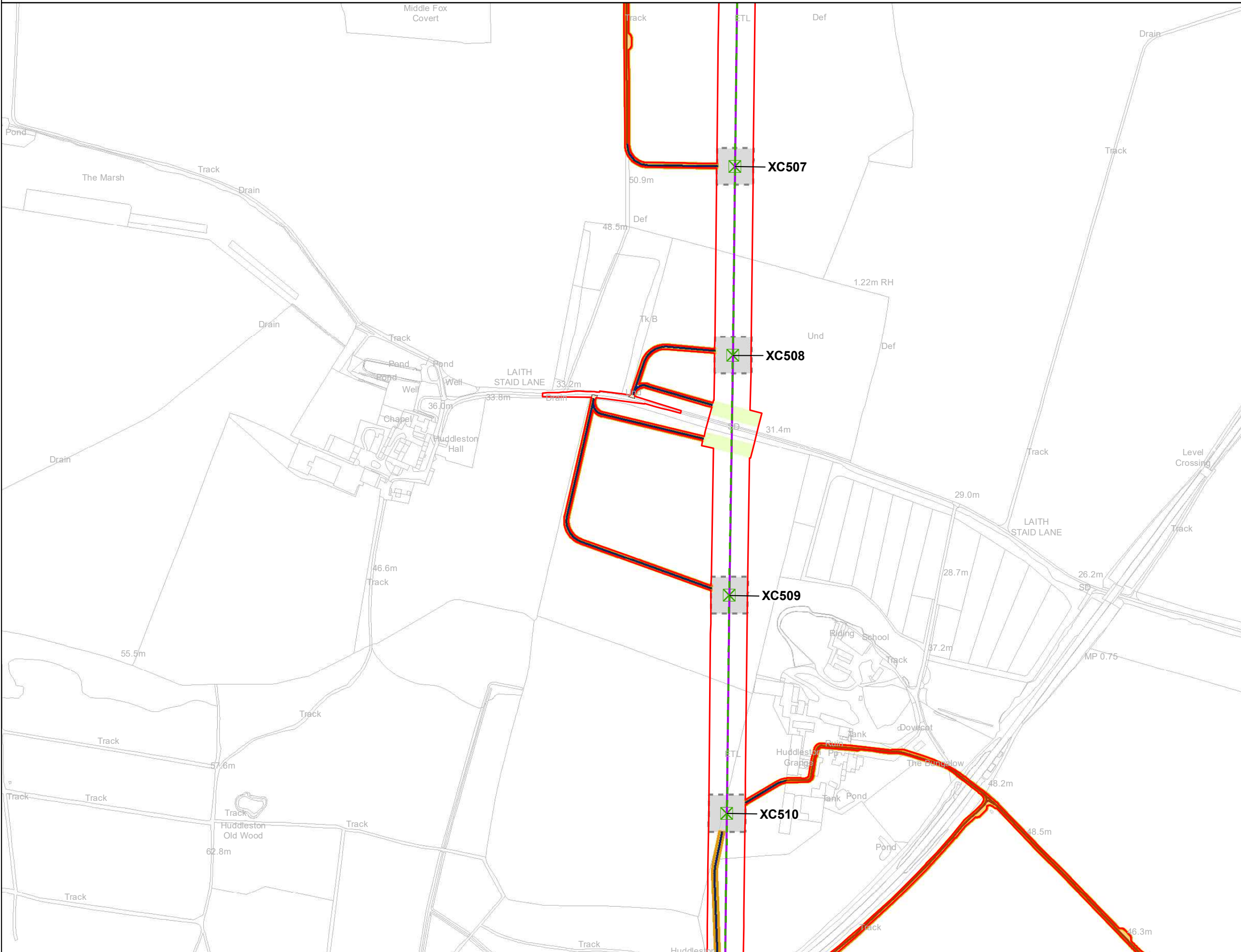




National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.5 Section E: Tadcaster to Monk Fyston

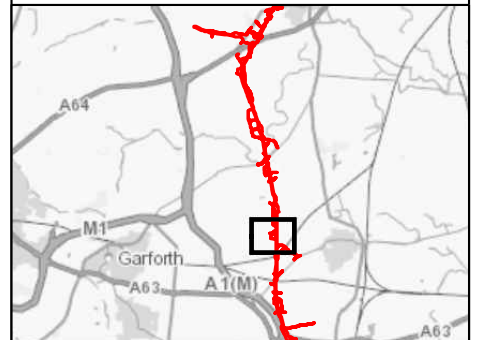
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- Order Limits
- Existing Overhead Line - To be Reconstructed
- Existing Lattice Pylon - To be Modified
- Indicative Crossing Protection
- Bellmouth
- Trackway
- Existing Track
- Access Swathes
- Pylon Working Areas

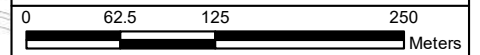


Notes

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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

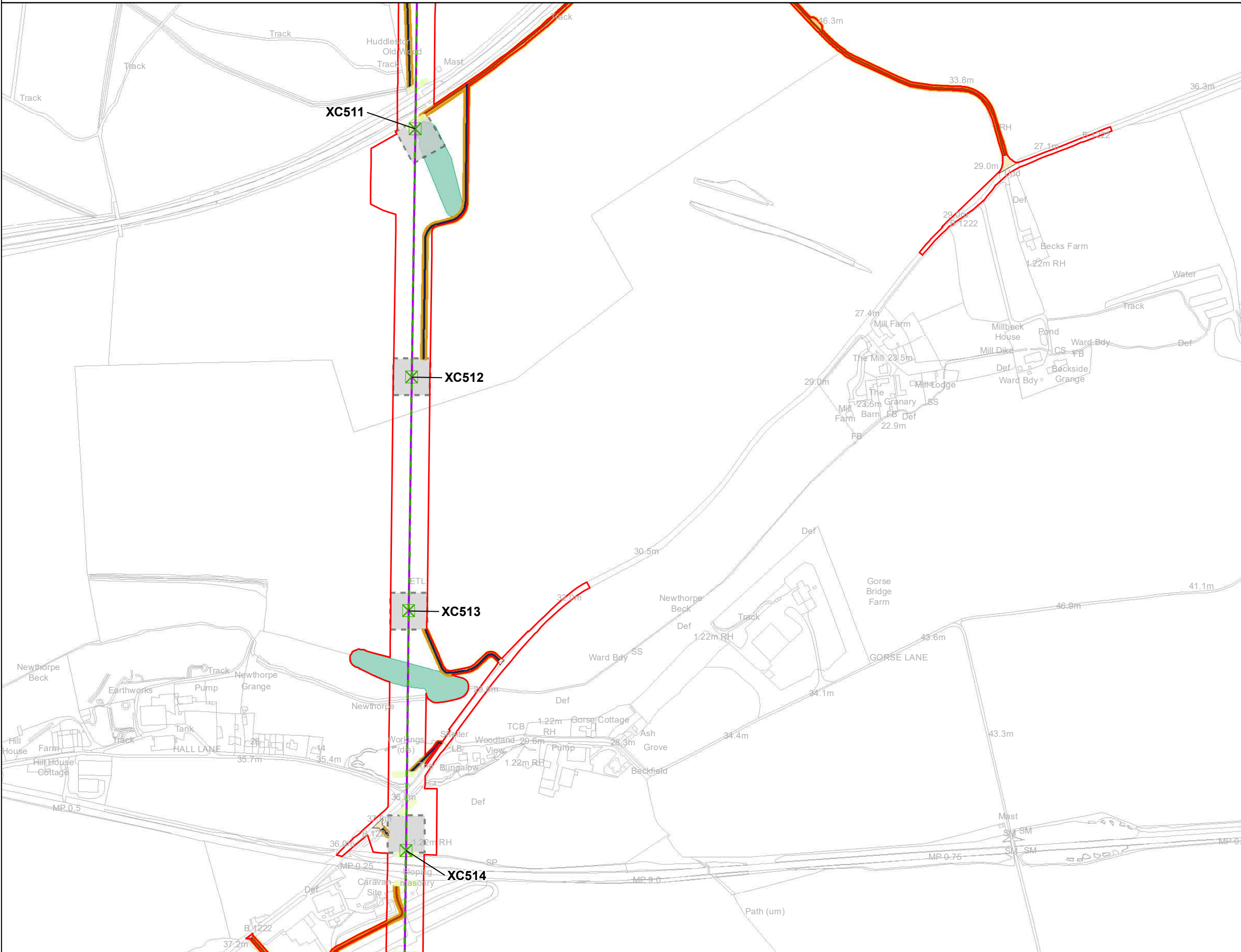
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1:5,000	A3	Page 6 of 8	A



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

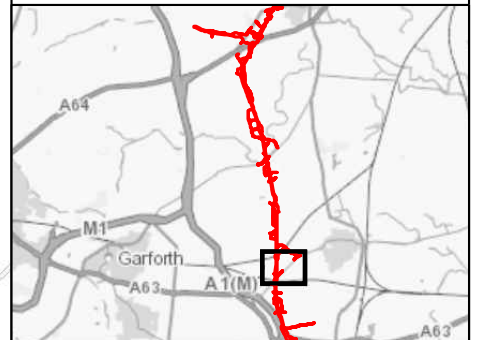
Legend

- Order Limits
- 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

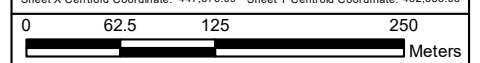


Notes

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Coordinate System: British National Grid
 Sheet X Centroid Coordinate: 447,376.09 Sheet Y Centroid Coordinate: 432,653.03



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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 3.5 SECTION E:
 TADCASTER TO MONK FRYSTON**



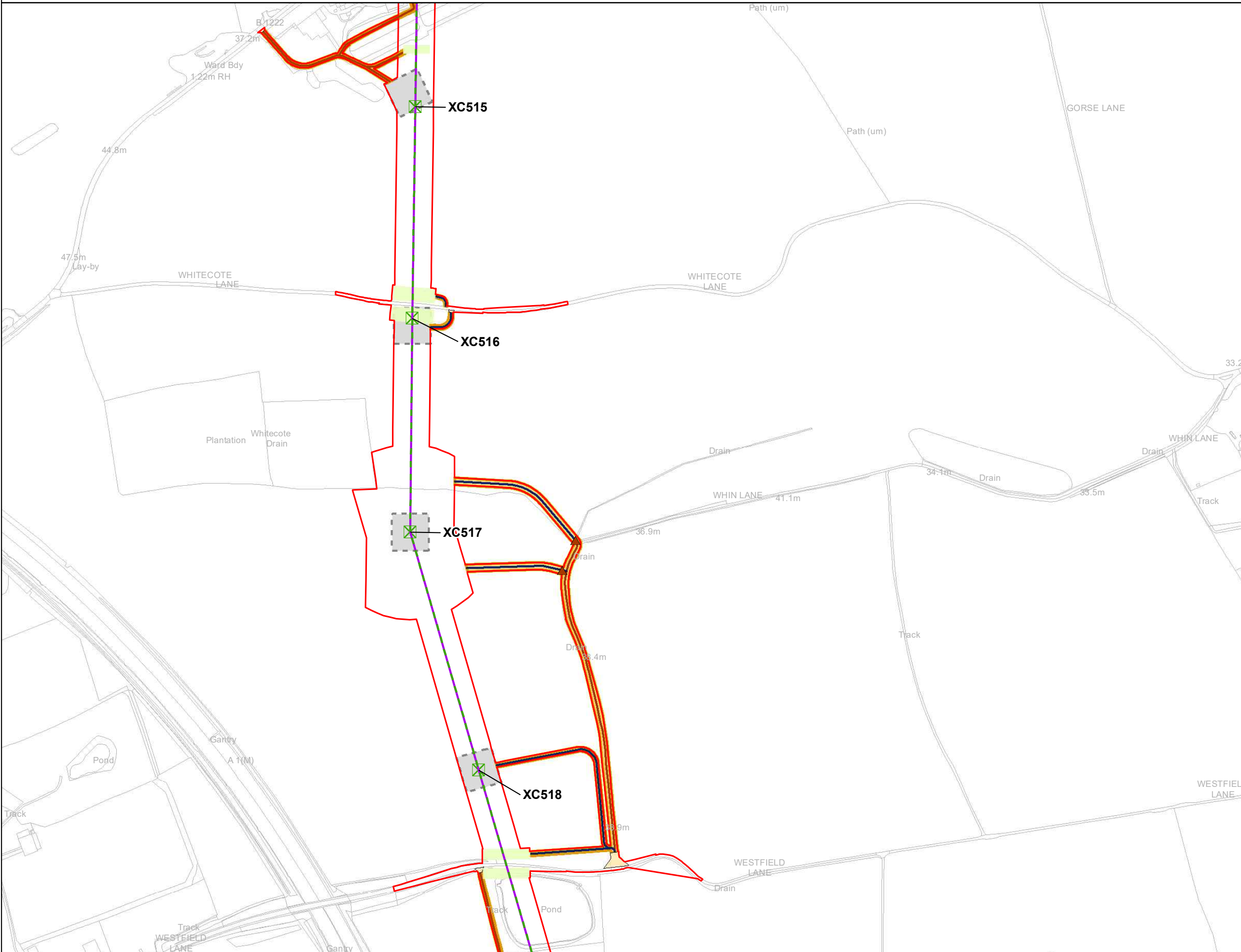
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Drawing Reference	806503-WOOD-0288		
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National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.5 Section E: Tadcaster to Monk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

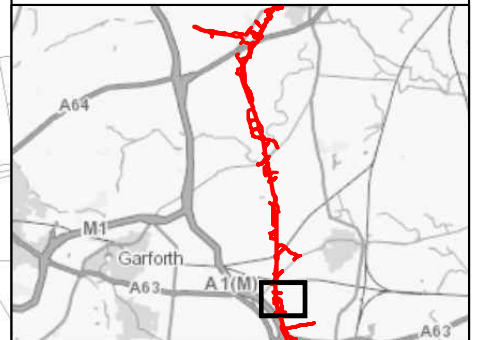
Legend

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

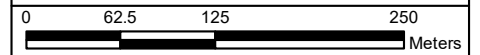


Notes

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A	1 Nov 2022	For DCO Submission	BERNB	DIMMR	CHADC

Title

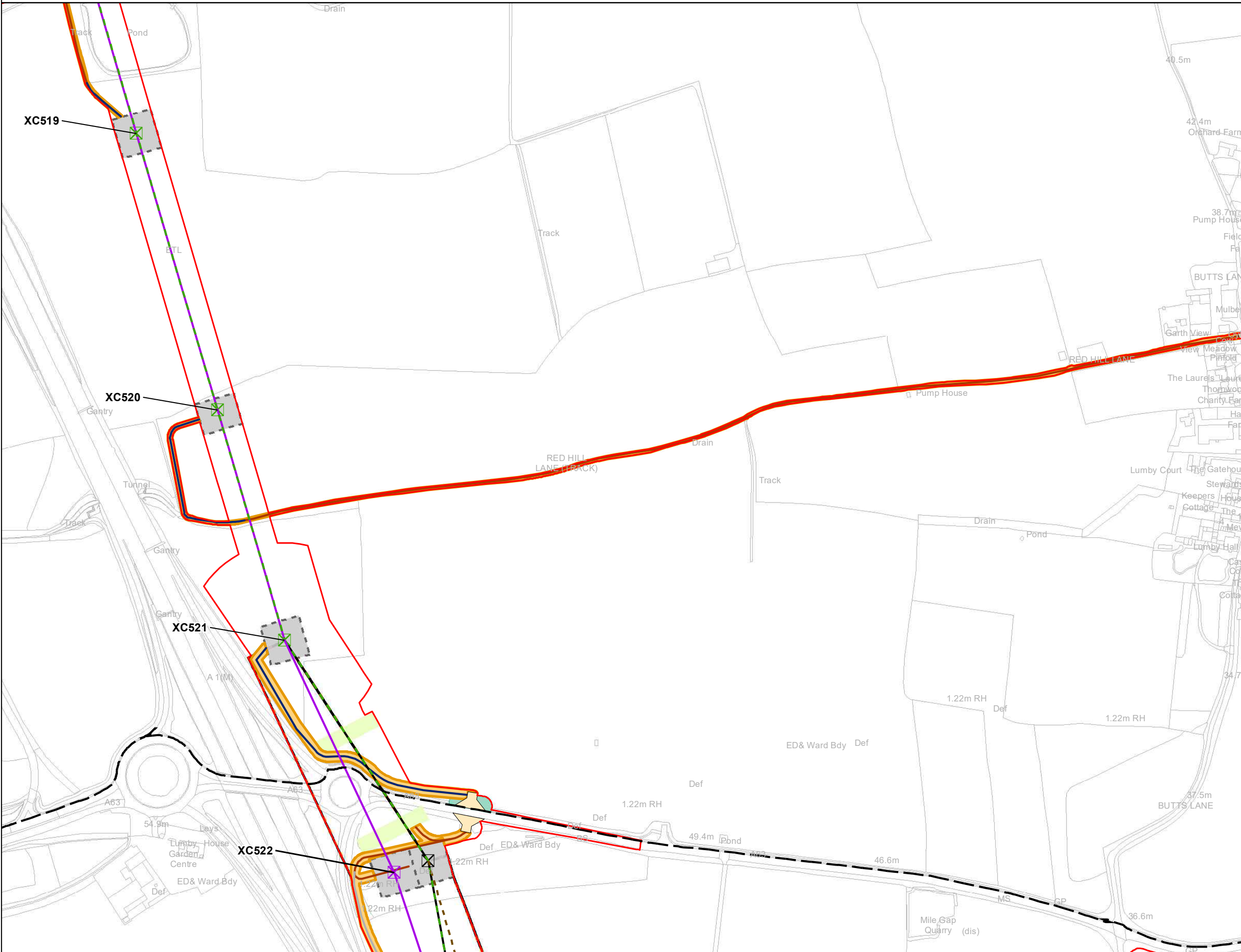
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 DESCRIPTION OF THE
 PROJECT FIGURES
 FIGURE 3.5 SECTION E:
 TADCASTER TO MONK FRYSTON**



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Scale	Sheet Size	Sheet	Issue
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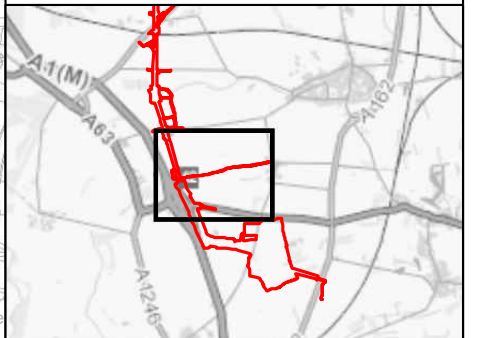


National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.6 Section F: Monk Fyston Area

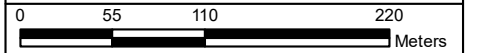


- Legend**
- Order Limits
 - Section Breaks
 - Indicative New Overhead Line
 - Temporary Overhead Line
 - Existing Overhead Line - To be Reconductored
 - Existing Overhead Line - To be Dismantled
 - Existing Lattice Pylon - To be Modified
 - Existing Lattice Pylon - To be Dismantled
 - Indicative New 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
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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 3.6 SECTION F:
 MONK FRYSTON AREA

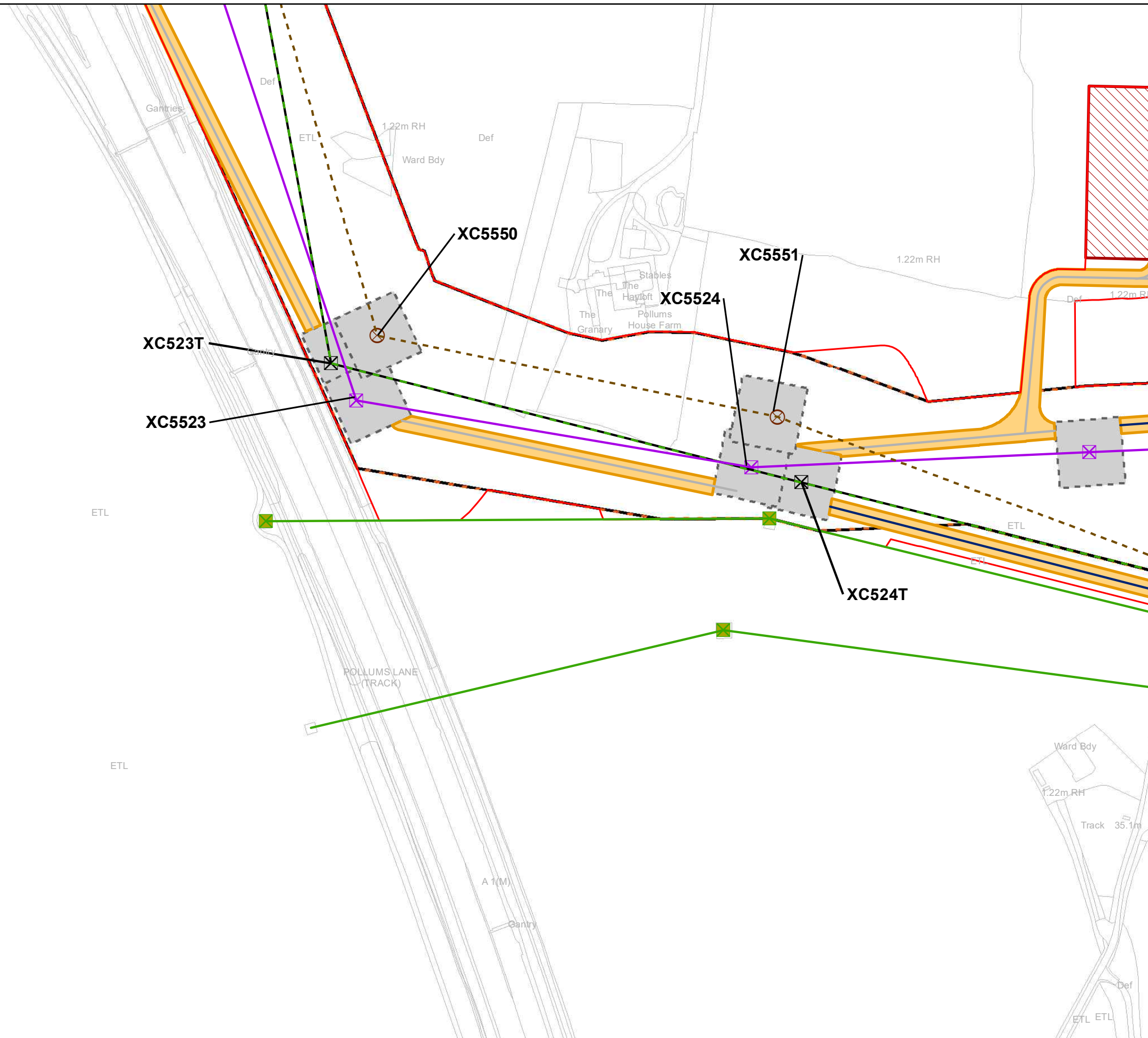
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Drawing Reference		806503-WOOD-0289	
Scale	Sheet Size	Sheet	Issue
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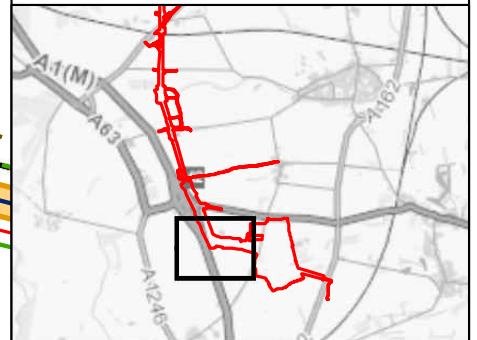
National Grid (Yorkshire Green Energy Enablement Project) Order
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 Figure 3.6 Section F: Monk Fyston Area

Legend

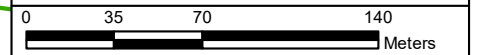
- Order Limits
- Indicative New Overhead Line
- Temporary Overhead Line
- Existing Overhead Line - Not Affected
- Existing Overhead Line - To be Dismantled
- Indicative Construction Compounds
- Existing Lattice Pylon - Not
- Existing Lattice Pylon - To be
- Indicative New Lattice Pylon
- Indicative Temporary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



Notes
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A	1 Nov 2022	For DCO Submission	BERNB	DIMMR	CHADC

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



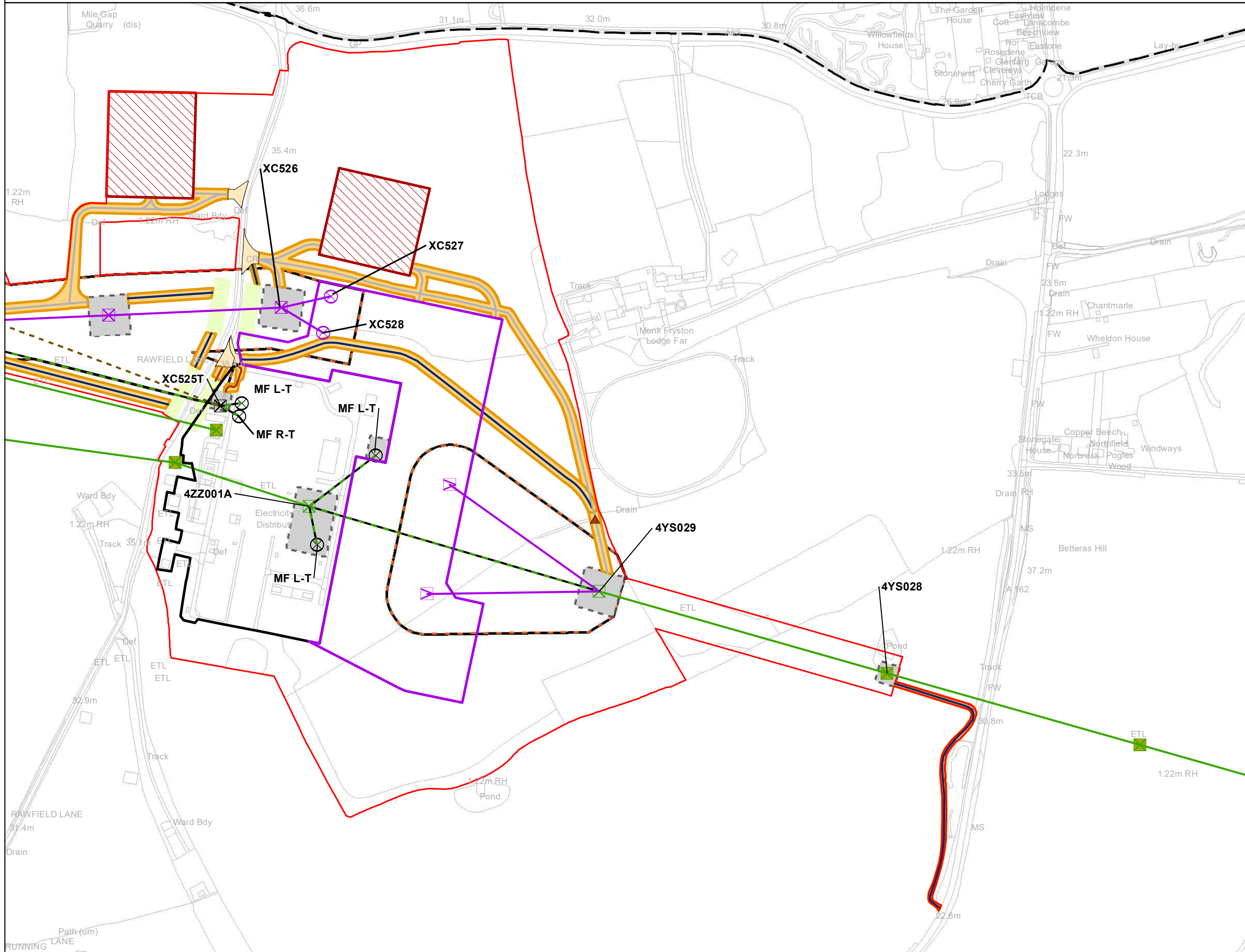
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Drawing Reference
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Scale	Sheet Size	Sheet	Issue
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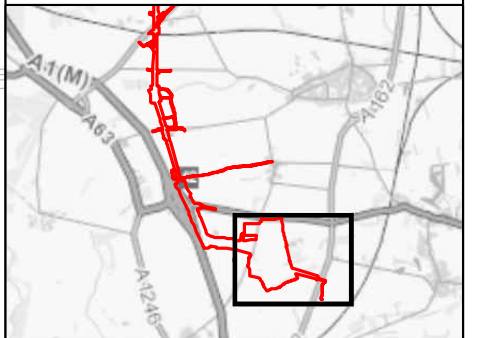


National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3, ES Chapter 3, Description of the Project Figures
 Figure 3.6 Section F: Monk Fyston Area

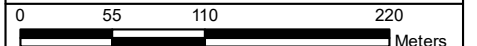


- Legend**
- Order Limits
 - Section Breaks
 - Proposed Substation
 - Existing Substation
 - Indicative New Overhead Line
 - Temporary Overhead Line
 - Existing Overhead Line - Not Affected
 - Existing Overhead Line - To be Dismantled
 - Indicative Construction Compounds
 - Existing Lattice Pylon - To 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.



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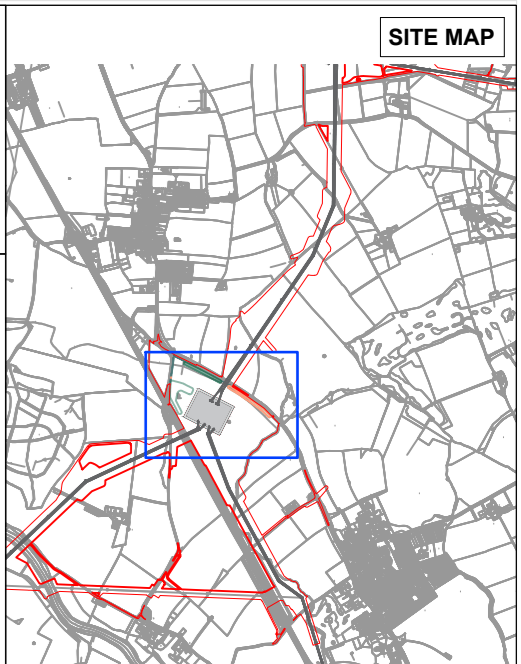


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Issue	Date	Remarks	Drawn	Checked	Approved
A	1 Nov 2022	For DCO Submission	BERNB	DIMMR	CHADC

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	
Scale	Sheet Size	Sheet	Issue
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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 screen
- Existing levels
- Proposed soil build contours (for new access existing lanes)
- Proposed permanent access track
- Existing waterbody (retained)
- Proposed waterbody

TARGET METRS

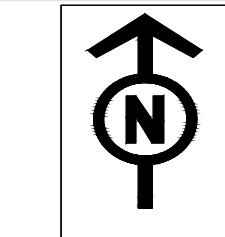
1. Defined zone 1a
2. Defined zone 1b
3. Defined zone 2
4. Defined zone 3
5. Defined zone 4

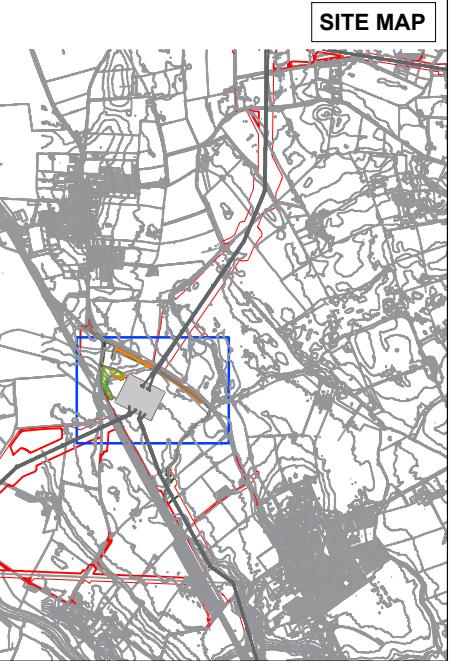
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 Drawn: J. Green Date: 01/10/2018
 Checked: J. Green Date: 01/10/2018
 Approved: J. Green Date: 01/10/2018

No.	Date	By	For	Check	Approved
1	01/10/2018	J. Green	Draw	J. Green	Approved

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





Legend

- Order Limits
- Land returned to former use
- Existing vegetation (indicated)
- Existing vegetation outside of Order Limits (indicated)
- Existing tree retention (indicated to be retained only over 150m for stability)
- Proposed woodland
- Proposed woodland edge on steep gradient
- Proposed hedge
- Proposed willowherow
- Existing levels
- Proposed all-land contour 1:50m
- Proposed all-land contour 1:10m
- Proposed permanent grassland (Tarmac)
- Existing waterbody (retained)
- Proposed waterbody

- TARGET METRICS
1. Defined plan line
 2. Where required, the existing vegetation to be retained and the proposed vegetation to be planted to create a continuous edge of vegetation and to provide a buffer to the Order Limits
 3. Where required, the existing vegetation to be retained and the proposed vegetation to be planted to create a continuous edge of vegetation and to provide a buffer to the Order Limits
 4. Where required, the existing vegetation to be retained and the proposed vegetation to be planted to create a continuous edge of vegetation and to provide a buffer to the Order Limits
 5. Where required, the existing vegetation to be retained and the proposed vegetation to be planted to create a continuous edge of vegetation and to provide a buffer to the Order Limits
 6. Where required, the existing vegetation to be retained and the proposed vegetation to be planted to create a continuous edge of vegetation and to provide a buffer to the Order Limits



THIS DRAWING IS SCALED AT PAPER SIZE A3. THEREFORE ANY DIMENSIONS SHOWN ON THIS DRAWING ARE APPROXIMATE AND SHOULD NOT BE USED FOR CONSTRUCTION.

NOTE: PROPOSED INFRASTRUCTURE GRADING LEVELS AND PROPOSED EARTHWORKS DERIVED FROM CIVIL ENGINEERING GENERAL ARRANGEMENT DRAWING

Rev	Date	By	Check	Appr	Desc
1	2024-03-20	SCHEMATIC DESIGN	MR	MR	ISSUED FOR PERMITTING
2	2024-03-20	SCHEMATIC DESIGN	MR	MR	ISSUED FOR PERMITTING

5.4.3 ES Chapter 3: Description of the Project
Outline Landscape Mitigation Strategy (Overton)

National Grid (Yorkshire Green Energy Enablement Project) Order
5.4.3 ES Chapter 3: Description of the Project
Figure 3.10(B) 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 Outline Soil Management Plan (Document 5.3.3E) [APP-098] and 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 to 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 a 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 of 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.

Heavy 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.

Heavy Standard trees 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.

Container grown shrubs 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 Transplants

Dip transplants in mycorrhizal fungi rooting gel prior to planting.

Slot or notch-plant, and heel in upright.

Support and Protection

Support Heavy Standard trees (12-14cm) with a single 75mm dia. debris. Fix to the stake with a soft buckle tree tie.

Container grown shrubs to be protected with 1000mm high x200mm diam. proprietary biodegradable mesh shrub guard and supported with a 30x30mm treated softwood timber stake.

Support transplants with 450mm high x 38mm diam. clear, unperforated, biodegradable spiral guards secured with a bamboo cane.

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

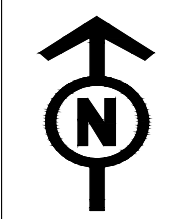
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Issue	Date	Remarks	Drawn	Checked	Approved
B	26/04/2023	DEADLINE 2 SUBMISSION	RH	NF	RD
A	01/11/2022	FOR DCO SUBMISSION	RH	NF	RD

Title

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

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

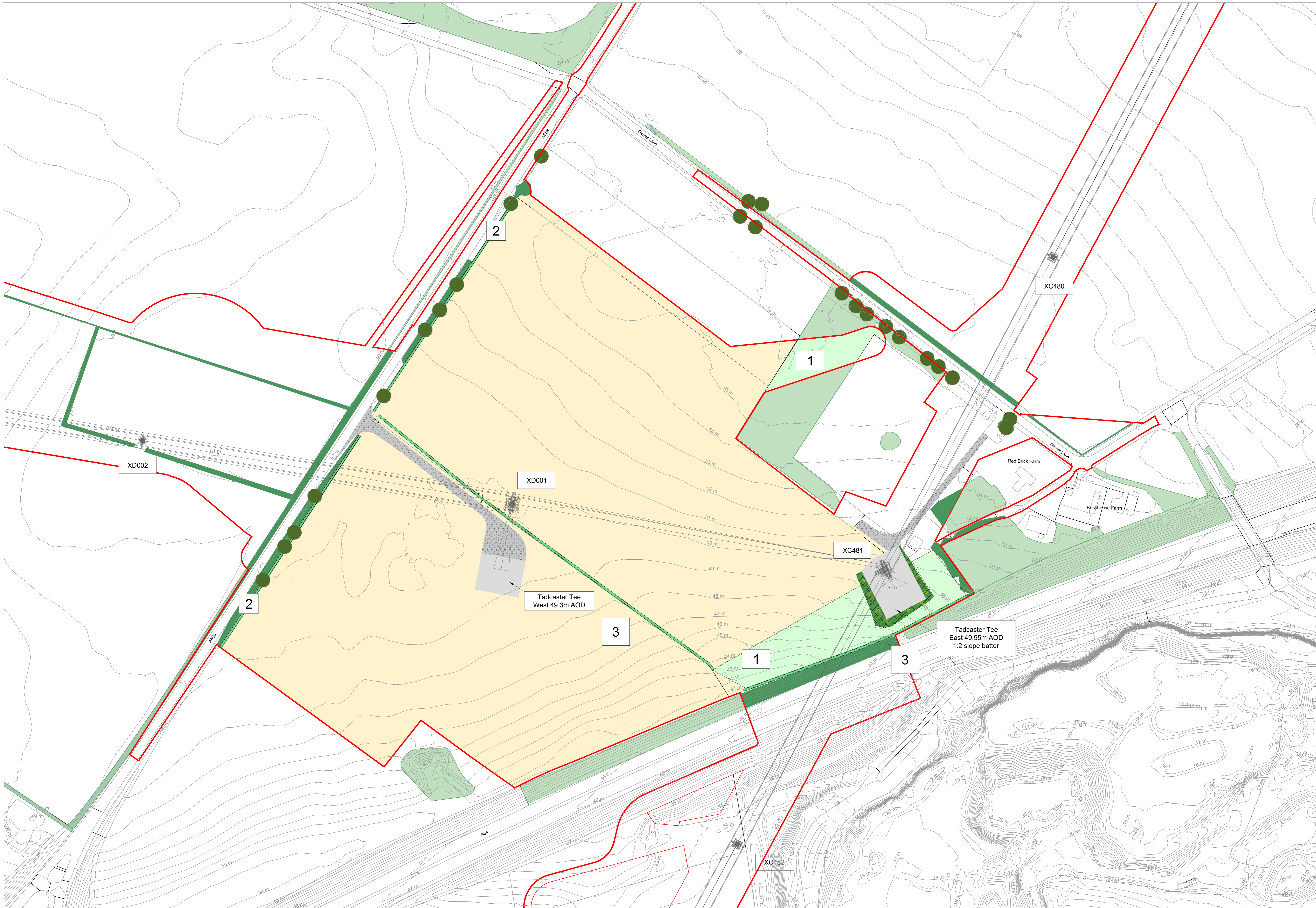


Legend

- Other Lines
- Landmarks to be retained
- Existing vegetation to be retained
- Existing vegetation to be removed
- Existing woodland to be retained
- Existing woodland to be removed
- Proposed trees
- Proposed hedge
- Proposed offset
- Proposed permanent structure

TARGETS NOTES

1. Existing trees not considered for removal due to underground cables.
2. Existing hedges to be retained where required following approval of the landscape mitigation strategy. Existing hedges to be removed where they are in a position of a double hedge or otherwise. New hedges to be planted in a position of a double hedge or otherwise. New hedges to be planted in a position of a double hedge or otherwise. New hedges to be planted in a position of a double hedge or otherwise.
3. New hedges.



THIS DRAWING IS SCALED AT PAPER SIZE AND THEREFORE ANY DIMENSIONS TAKEN AT SMALLER SIZES WILL AFFECT ACCURACY OF THE REQUIREMENT LINES AND SHOULD NOT BE SCALED AGAINST.

NOTE: PROPOSED INFRASTRUCTURE LOCATIONS ARE FOR INFORMATION ONLY AND SHOULD NOT BE USED FOR CONSTRUCTION PURPOSES WITHOUT THE WRITTEN PERMISSION OF NATIONAL GRID ELECTRICITY TRANSMISSION PLC.

Contractor Name		Sheet 1 of 1	
Contractor Name	Sheet 1 of 1	Contractor Name	Sheet 1 of 1
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Contractor Name	Sheet 1 of 1	Contractor Name	Sheet 1 of 1
Contractor Name	Sheet 1 of 1	Contractor Name	Sheet 1 of 1

5.4.3 ES Chapter 3: Description of the Project
 FIGURE 3.11(B): 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 (B): 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
Tarsetum 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 Outline Soil Management Plan (Document 5.3.3E) [APP-098] and 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 to 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 a 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 of 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.

Heavy 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.

Heavy Standard trees 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.

Container grown shrubs 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 Transplants

Dip transplants in mycorrhizal fungi rooting gel prior to planting.

Slot or notch-plant, and heel in upright.

Support and Protection

Support Heavy Standard trees (12-14cm) with a single 75mm dia. debris. Fix to the stake with a soft buckle tree tie.

Container grown shrubs to be protected with 1000mm high x200mm diam. proprietary biodegradable mesh shrub guard and supported with a 30x30mm treated softwood timber stake.

Support transplants with 450mm high x 38mm diam. clear, unperforated, biodegradable spiral guards secured with a bamboo cane.

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.

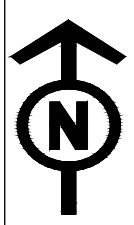
Notes

- 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
B	26/04/2023	DEADLINE 2 SUBMISSION	RH	NF	RD
A	01/11/2022	FOR DCO SUBMISSION	RH	NF	RD

Title
 5.4.3 ES Chapter 3:
 Description of the Project
 FIGURE 3.11(B): 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	B



- Legend**
- Order Limits
 - Land returned to former use
 - Existing substation
 - Proposed substation extension
 - Existing vegetation (woodland)
 - Existing vegetation outside of Order Limits (redundant)
 - Existing rough grassland
 - Landscape mitigation associated with proposed substation extension (2021/03/31/2024)
 - Approved battery storage (2021/03/31/2024)
 - Proposed woodland
 - Proposed woodland edge
 - Proposed hedge reinforcement
 - Proposed wildflower meadow
 - Existing levels
 - Proposed soil bank (within 30m rise above existing levels)
 - Proposed permanent grass track (Tarmac)

- TARGET NOTES**
1. Existing woodland retained
 2. Additional planting to be planted at the earliest opportunity to ensure planting is completed before the start of the winter season. Planting to be completed by the end of the winter season. Planting to be completed by the end of the winter season.
 3. Existing rough grassland to be planted with native species. Planting to be completed by the end of the winter season. Planting to be completed by the end of the winter season.
 4. New rough grassland to be planted with native species. Planting to be completed by the end of the winter season. Planting to be completed by the end of the winter season.
 5. New rough grassland to be planted with native species. Planting to be completed by the end of the winter season. Planting to be completed by the end of the winter season.
 6. New rough grassland to be planted with native species. Planting to be completed by the end of the winter season. Planting to be completed by the end of the winter season.
 7. New rough grassland to be planted with native species. Planting to be completed by the end of the winter season. Planting to be completed by the end of the winter season.



NOTE: PROPOSED INFRASTRUCTURE GRADING LEVELS AND PROPOSED EARTHWORKS ESTIMATES FROM OUR PRELIMINARY DESIGN ARE GENERAL APPROXIMATIONS ONLY.

THIS DRAWING IS SCALED AT PAPER SIZE AS SHOWN. THEREFORE ANY DIMENSIONS SHOWN ON THIS DRAWING ARE APPROXIMATE AND SHOULD NOT BE SCALED.

Coordinate System: British National Grid

Author: [Name]

Checked: [Name]

Drawn: [Name]

Scale: 1:500

Date: [Date]

Version: [Version]

Project: [Project Name]

Sheet: [Sheet Number]

The National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.3 ES Chapter 3: Description of the Project
 Figure 3.12(B): 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

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%

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

SOFTWORKS SPECIFICATION

Soils

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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

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

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

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

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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 Transplants

Dip transplants in mycorrhizal fungi rooting gel prior to planting.

Slot or notch-plant, and heel in upright.

Support and Protection

Support Heavy Standard trees (12-14cm) with a single 75mm dia. debris. Fix to the stake with a soft buckle tree tie.

Container grown shrubs to be protected with 1000mm high x200mm diam. proprietary biodegradable mesh shrub guard and supported with a 30x30mm treated softwood timber stake.

Support transplants with 450mm high x 38mm diam. clear, unperforated, biodegradable spiral guards secured with a bamboo cane.

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

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Issue	Date	Remarks	Drawn	Checked	Approved
B	26/04/2023	DEADLINE 2 SUBMISSION	RH	NF	RD
A	01/11/2022	FOR DCO SUBMISSION	RH	SF	EMD

Title
 5.4.3 ES Chapter 3:
 Description of the Project
 Figure 3.12(B): 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	B		

National Grid plc
National Grid House,
Warwick Technology Park,
Gallows Hill, Warwick.
CV34 6DA United Kingdom

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