

YG-DCO-038-5.4.9(B) (Part 1 of 2)

# Yorkshire Green Energy Enablement (GREEN) Project

Volume 5

Document 5.4.9(B) ES Chapter 9 Hydrology – Figures Part 1 of 2

Final Issue B

July 2023

Planning Inspectorate Reference: EN020024

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

**nationalgrid**

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# Yorkshire GREEN

## Document Control

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### Version history

Date	Version	Status	Description/changes
01/11/2022	A	Final	First Issue
28/07/2023	B	Final	Second Issue

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National Grid (Yorkshire Green Energy Enablement Project) Order  
 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.1 Principal Local Water Environment Regulators

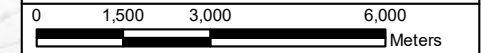
**Legend**

- Order Limits
- Section Breaks (A to F)
- Lead Local Flood Authorities
- Internal Drainage Boards**
- Ainsty
- Foss
- Kyle and Upper Ouse
- Ouse and Derwent
- Selby Area
- Swale and Ure

**Notes**  
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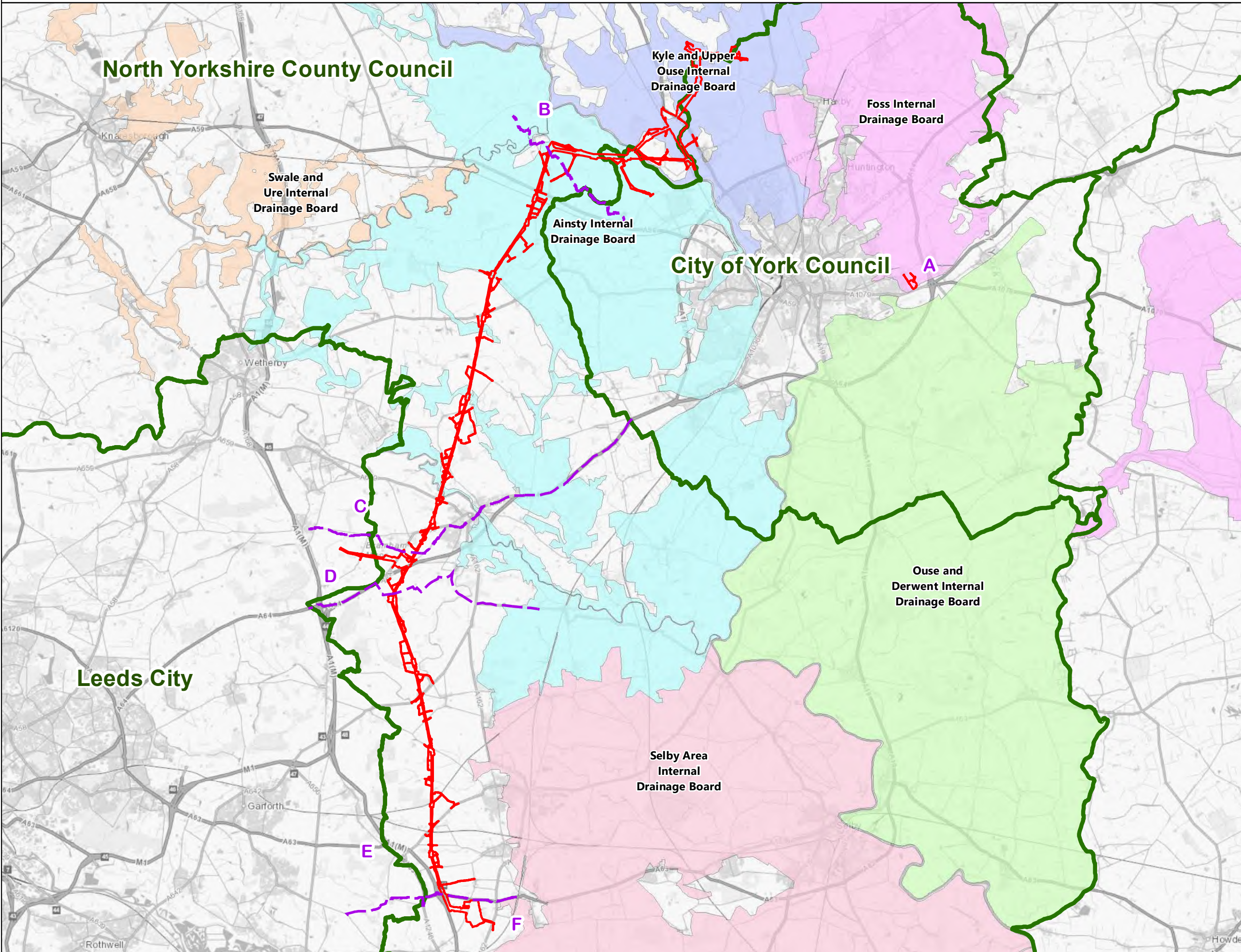


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Issue	Date	Remarks	Drawn	Checked	Approved
A	1 Nov 2022	For DCO Submission	COLLJ	DIMMR	CHADC

Title  
 5.4.9, ES CHAPTER 9  
 HYDROLOGY  
 FIGURE 9.1  
 PRINCIPAL LOCAL WATER  
 ENVIRONMENT REGULATORS

nationalgrid			
Figure Number	FIGURE 9.1		
Drawing Reference	806503-WOOD-0218		
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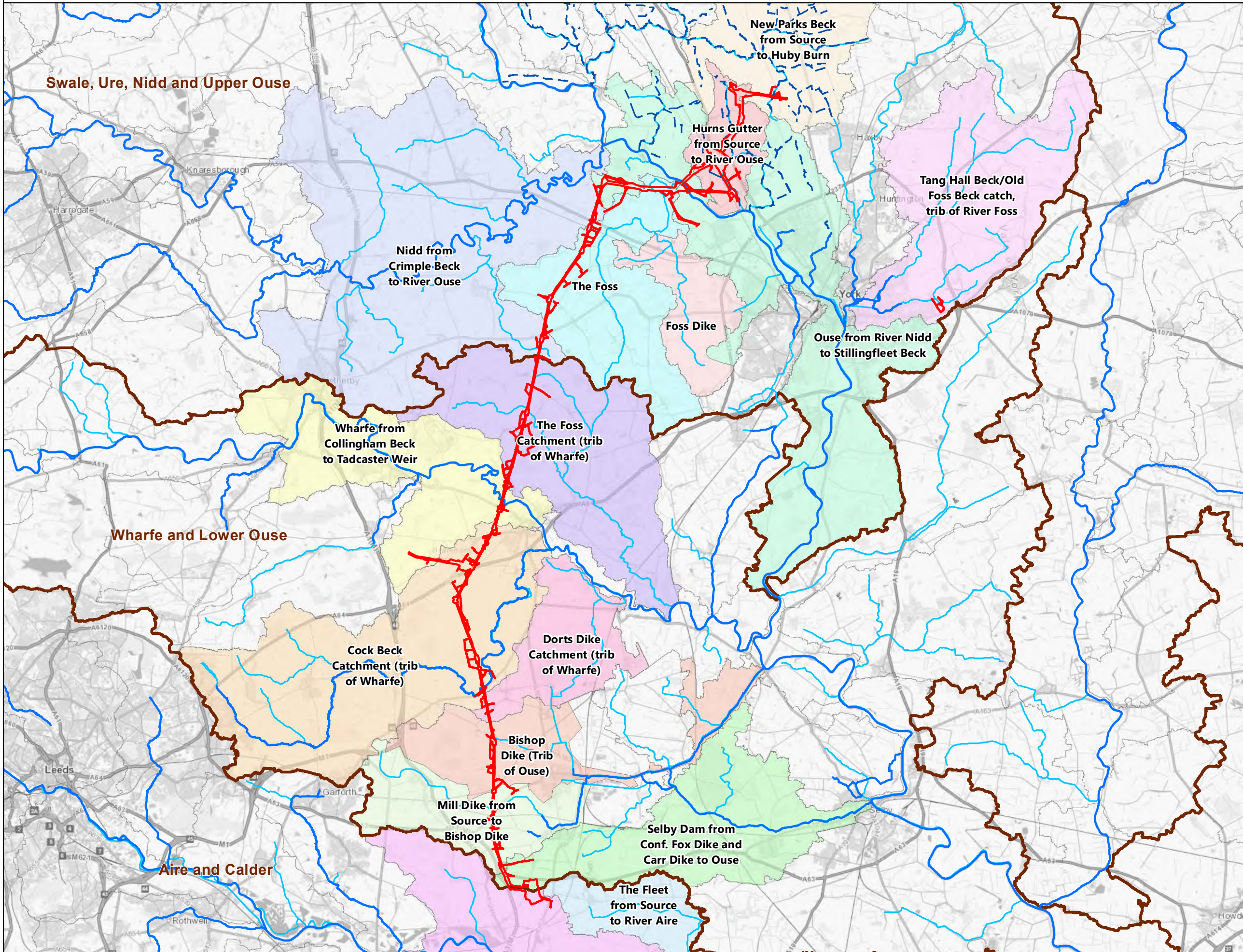




National Grid (Yorkshire Green Energy Enablement Project) Order  
 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.2 Hydrological Study Area

**Legend**

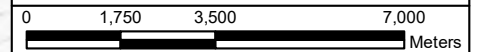
- Order Limits
- Hydrological Study Area
- EA Management Catchments
- Water Framework Directive (WFD) waterbodies
- IDB adopted watercourses
- EA Main Rivers
- WFD watercourses



**Notes**  
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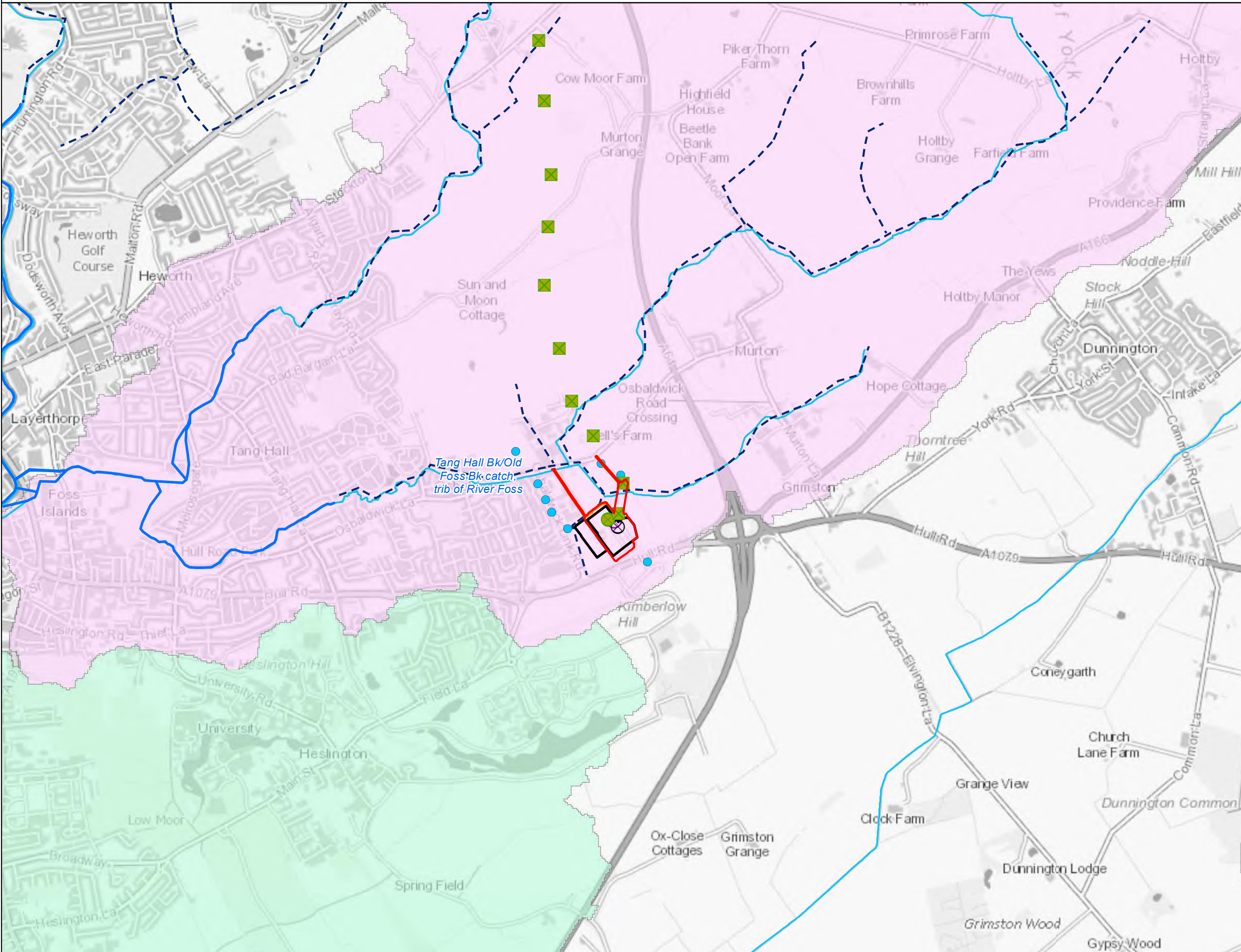
Title  
 5.4.9, ES CHAPTER 9  
 HYDROLOGY  
 FIGURE 9.2  
 HYDROLOGICAL STUDY AREA



Figure Number	FIGURE 9.2			
Drawing Reference	806503-WOOD-0219			
Scale	Sheet Size	Sheet	Issue	
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National Grid (Yorkshire Green Energy Enablement Project) Order  
 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.3(B) Surface Water Features Local to the Project: Section A



**Legend**

- Order Limits
- Section Breaks (A to F)
- Existing Lattice Pylon - Not Affected
- Existing Gantry - Not Affected
- Existing Gantry - To be Dismantled
- Indicative New Gantry

**Watercourse crossings**

- Existing crossing
- New bridge crossing
- New culvert crossing

**Project infrastructure**

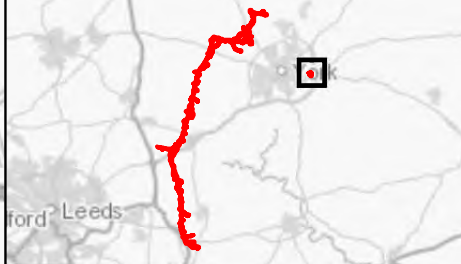
- Existing substation
- Proposed substation area
- Indicative construction compounds
- Indicative cable sealing end compound
- Indicative stringing areas
- Indicative working areas
- Indicative visibility splays
- Indicative access swathe
- EA Main Rivers
- IDB adopted watercourses
- WFD Watercourses
- Ponds
- WFD Lakes

**WFD waterbody catchments**

- Ouse from River Nidd to Stillingfleet Beck
- Tang Hall Bk/Old Foss Bk catch, trib of River Foss

**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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B	28/07/23	For DCO Deadline Six	BERNB	DIMMR	CHADC
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**Title**

5.4.9, ES CHAPTER 9  
 HYDROLOGY  
 FIGURE 9.3(B)  
 SURFACE WATER FEATURES  
 LOCAL TO THE PROJECT

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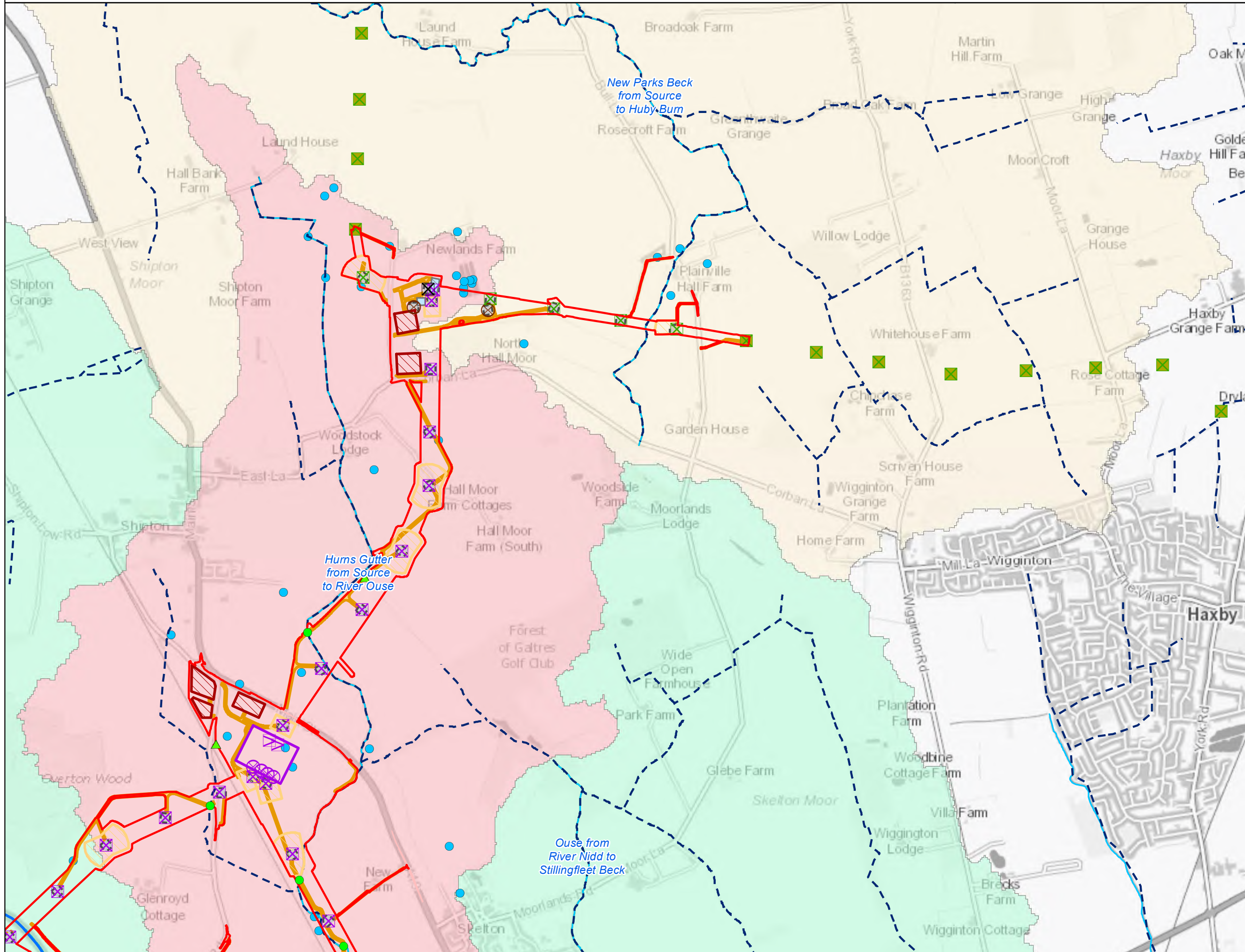
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Drawing Reference: 806503-WOOD-0220 B

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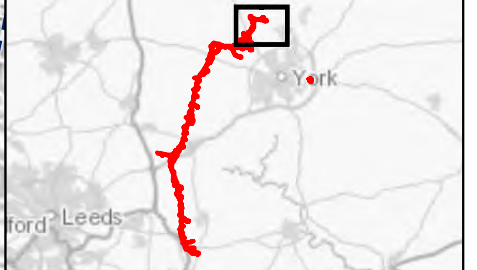


National Grid (Yorkshire Green Energy Enablement Project) Order  
 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.3(B) Surface Water Features Local to the Project: Section B



- Legend**
- Order Limits
  - Section Breaks (A to F)
  - Existing Lattice Pylon - To be Modified
  - Existing Lattice Pylon - Not Affected
  - Existing Lattice Pylon - To be Dismantled
  - Indicative New Lattice Pylon
  - Indicative New Gantry
  - Indicative New Full Line Tension Gantry
  - Indicative Temporary Pylon or Mast
- Watercourse crossings**
- Existing crossing
  - New bridge crossing
  - ▲ New culvert crossing
- Project infrastructure**
- Existing substation
  - Proposed substation area
  - Indicative construction compounds
  - Indicative cable sealing end compound
  - Indicative stringing areas
  - Indicative working areas
  - Indicative visibility splays
  - Indicative access swathe
  - EA Main Rivers
  - - - IDB adopted watercourses
  - WFD Watercourses
  - Ponds
  - WFD Lakes
- WFD waterbody catchments**
- Hums Gutter from Source to River Ouse
  - New Parks Beck from Source to Huby Burn
  - Ouse from River Nidd to Stillingfleet Beck

**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**

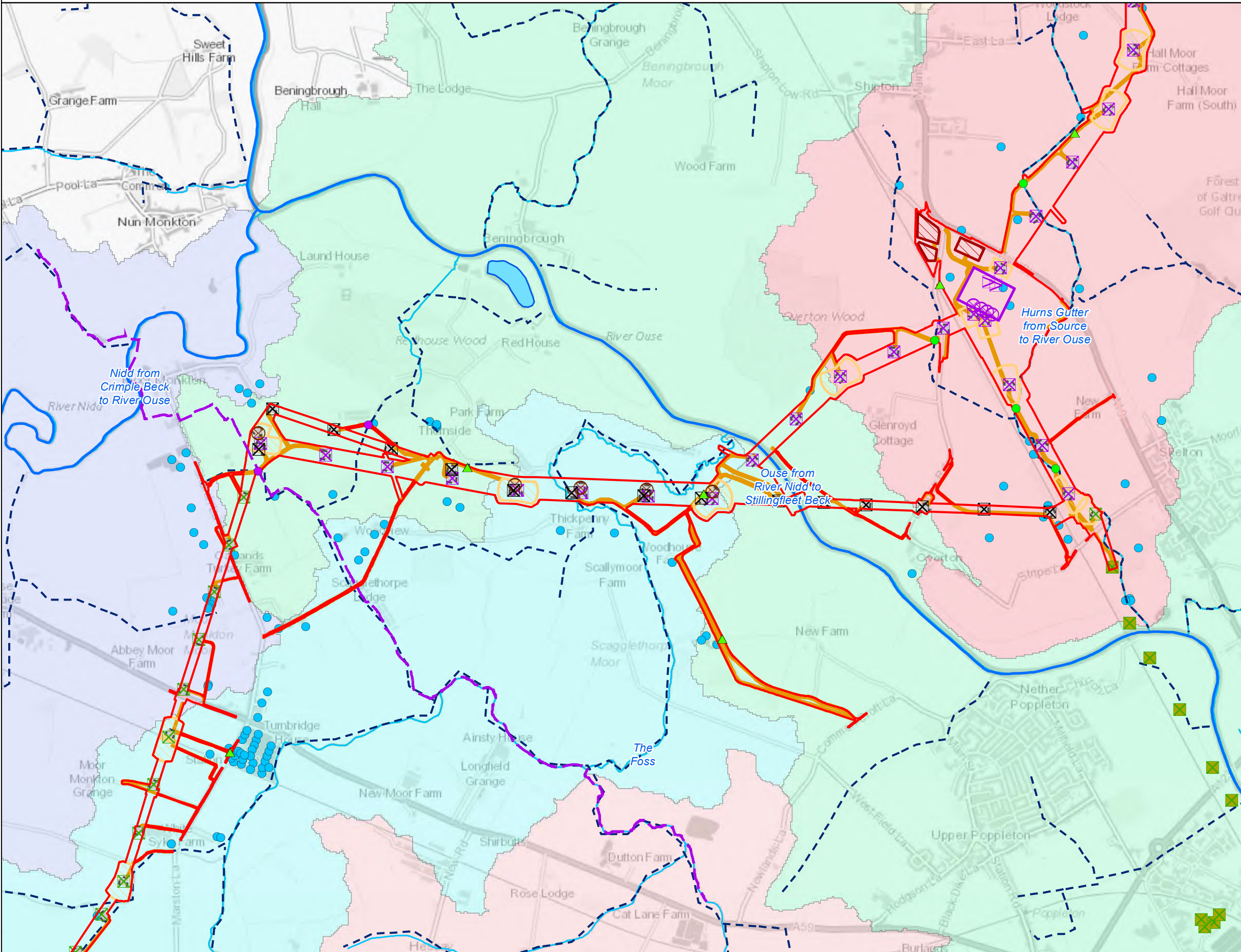
5.4.9, ES CHAPTER 9  
 HYDROLOGY  
 FIGURE 9.3(B)  
 SURFACE WATER FEATURES  
 LOCAL TO THE PROJECT

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Figure Number	FIGURE 9.3(B)		
Drawing Reference	806503-WOOD-0220 B		
Scale	Sheet Size	Sheet	Issue
1:20,000	A3	SHEET 2 OF 10	B



National Grid (Yorkshire Green Energy Enablement Project) Order  
 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.3(B) Surface Water Features Local to the Project: Section B



- Legend**
- Order Limits
  - Section Breaks (A to F)
  - Existing Lattice Pylon - To be Modified
  - Existing Lattice Pylon - Not Affected
  - Existing Lattice Pylon - To be Dismantled
  - Indicative New Lattice Pylon
  - Indicative New Gantry
  - Indicative New Full Line Tension Gantry
  - Indicative Temporary Pylon or Mast
- Watercourse crossings**
- Existing crossing
  - New bridge crossing
  - ▲ New culvert crossing
- Project infrastructure**
- Existing substation
  - Proposed substation area
  - Indicative construction compounds
  - Indicative cable sealing end compound
  - Indicative stringing areas
  - Indicative working areas
  - Indicative visibility splays
  - Indicative access swathe
  - EA Main Rivers
  - - - IDB adopted watercourses
  - WFD Watercourses
  - Ponds
  - WFD Lakes
- WFD waterbody catchments**
- Foss Dike
  - Hurns Gutter from Source to River Ouse
  - New Parks Beck from Source to Huby Burn
  - Nidd from Crimple Beck to River Ouse
  - Ouse from River Nidd to Stillingfleet Beck
  - The Foss

**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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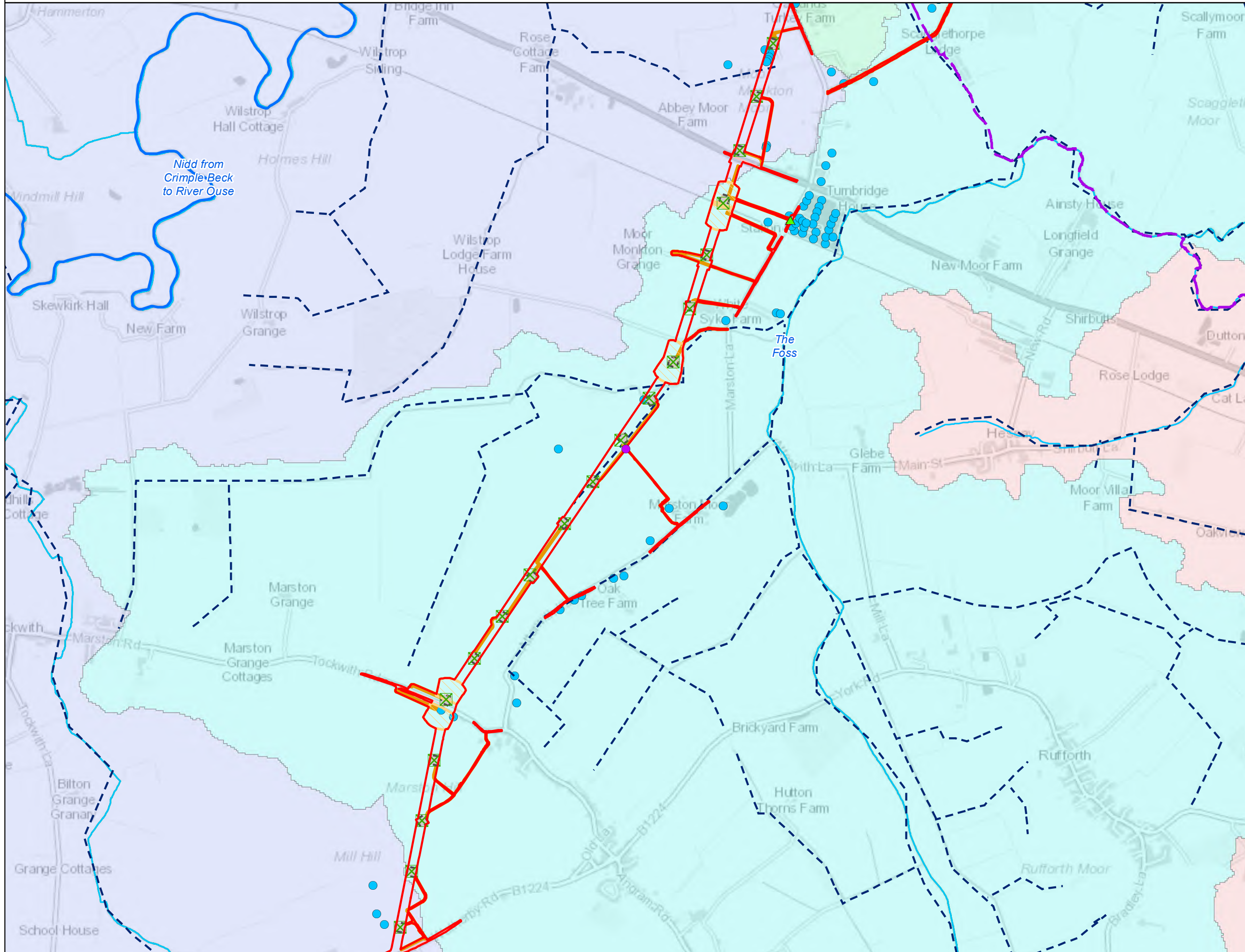
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 FIGURE 9.3(B)  
 SURFACE WATER FEATURES  
 LOCAL TO THE PROJECT

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Figure Number	FIGURE 9.3(B)		
Drawing Reference	806503-WOOD-0220 B		
Scale	Sheet Size	Sheet	Issue
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National Grid (Yorkshire Green Energy Enablement Project) Order  
 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.3(B) Surface Water Features Local to the Project: Section C



**Legend**

- Order Limits
- Section Breaks (A to F)
- Existing Lattice Pylon - To be Modified

**Watercourse crossings**

- Existing crossing
- New bridge crossing
- New culvert crossing

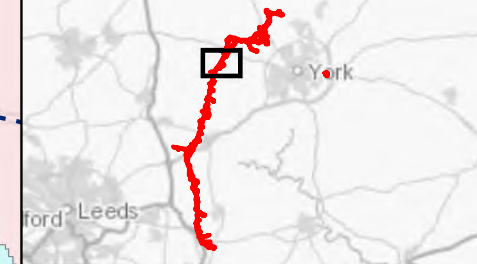
**Project infrastructure**

- Existing substation
- Proposed substation area
- Indicative construction compounds
- Indicative cable sealing end compound
- Indicative stringing areas
- Indicative working areas
- Indicative visibility splays
- Indicative access swathe
- EA Main Rivers
- IDB adopted watercourses
- WFD Watercourses
- Ponds
- WFD Lakes

**WFD waterbody catchments**

- Foss Dike
- Nidd from Crimple Beck to River Ouse
- Ouse from River Nidd to Stillingfleet Beck
- The Foss

**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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 FIGURE 9.3(B)  
 SURFACE WATER FEATURES  
 LOCAL TO THE PROJECT

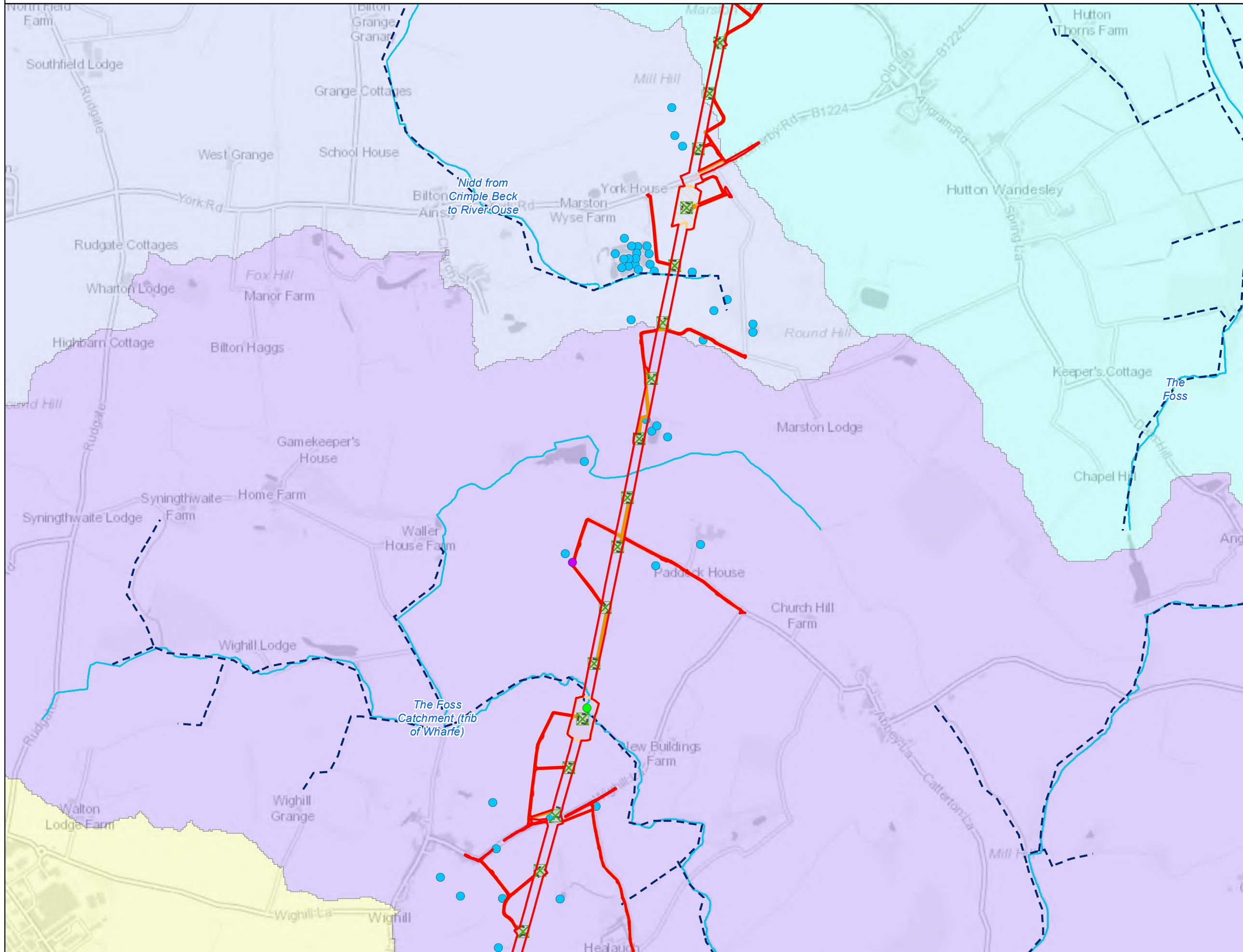
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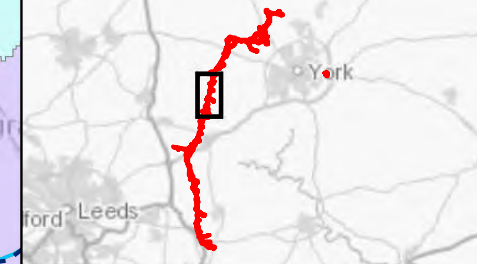
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 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.3(B) Surface Water Features Local to the Project: Section C



**Legend**

- Order Limits
- Section Breaks (A to F)
- Existing Lattice Pylon - To be Modified
- Watercourse crossings**
  - Existing crossing
  - New bridge crossing
  - New culvert crossing
- Project infrastructure**
  - Existing substation
  - Proposed substation area
  - Indicative construction compounds
  - Indicative cable sealing end compound
  - Indicative stringing areas
  - Indicative working areas
  - Indicative visibility splays
  - Indicative access swathe
  - EA Main Rivers
  - IDB adopted watercourses
  - WFD Watercourses
  - Ponds
  - WFD Lakes
- WFD waterbody catchments**
  - Nidd from Crimple Beck to River Ouse
  - The Foss
  - The Foss Catchment (trib of Wharfe)
  - Wharfe from Collingham Beck to Tadcaster Weir

**Notes**  
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 FIGURE 9.3(B)  
 SURFACE WATER FEATURES  
 LOCAL TO THE PROJECT

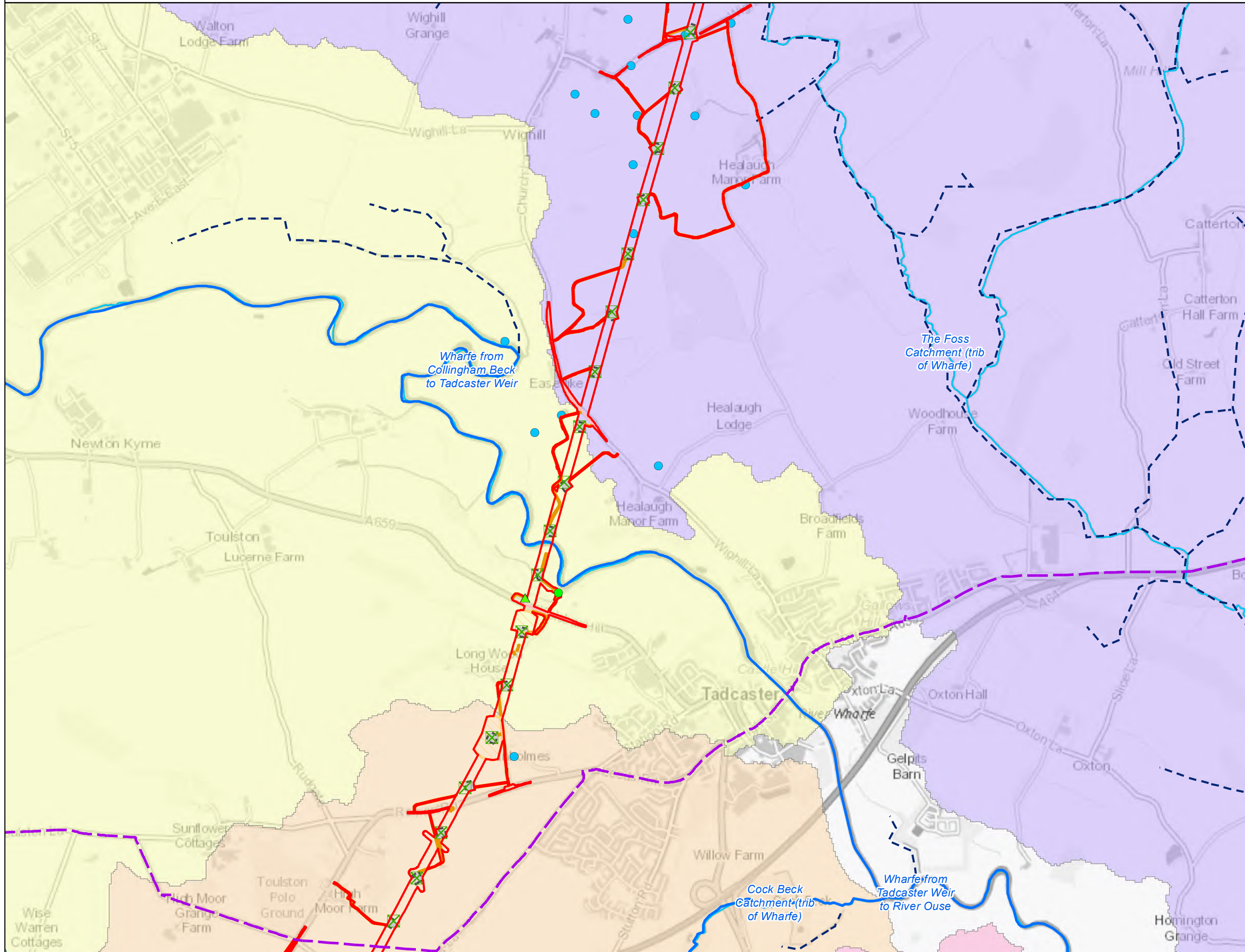
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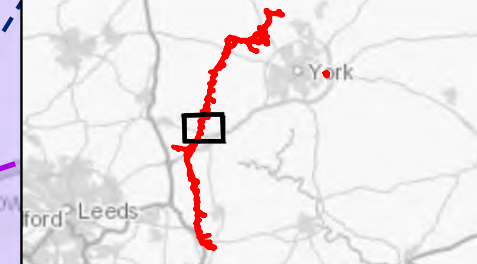
National Grid (Yorkshire Green Energy Enablement Project) Order  
 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.3(B) Surface Water Features Local to the Project: Section C



**Legend**

- ▭ Order Limits
- Section Breaks (A to F)
- ⊠ Existing Lattice Pylon - To be Modified
- Watercourse crossings**
- Existing crossing
- New bridge crossing
- ▲ New culvert crossing
- Project infrastructure**
- ▭ Existing substation
- Proposed substation area
- Indicative construction compounds
- Indicative cable sealing end compound
- Indicative stringing areas
- Indicative working areas
- Indicative visibility splays
- Indicative access swathe
- EA Main Rivers
- IDB adopted watercourses
- WFD Watercourses
- Ponds
- WFD Lakes
- WFD waterbody catchments**
- Cock Beck Catchment (trib of Wharfe)
- Dorts Dike Catchment (trib of Wharfe)
- The Foss Catchment (trib of Wharfe)
- Wharfe from Collingham Beck to Tadcaster Weir

**Notes**  
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**Title**

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 HYDROLOGY  
 FIGURE 9.3(B)  
 SURFACE WATER FEATURES  
 LOCAL TO THE PROJECT

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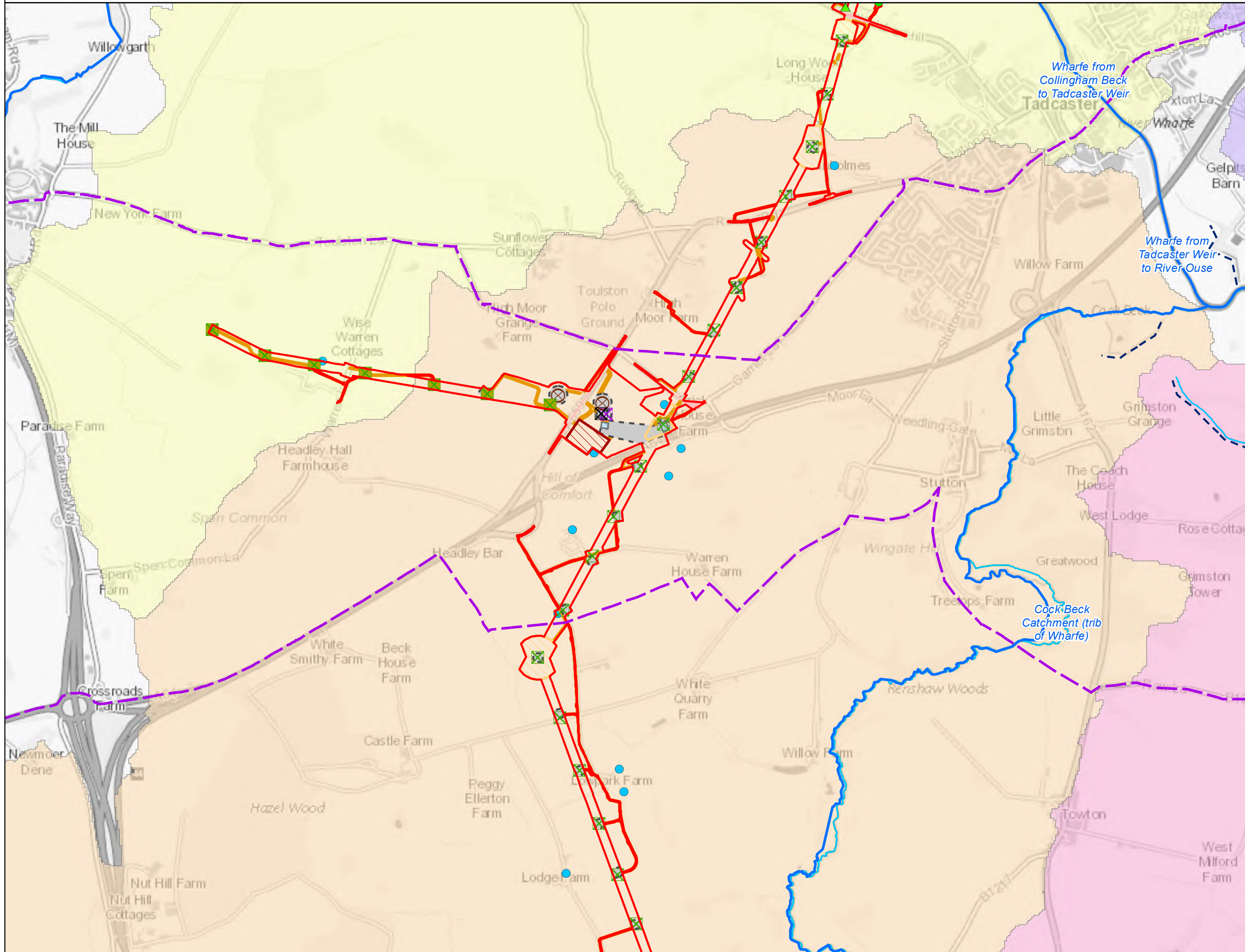
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National Grid (Yorkshire Green Energy Enablement Project) Order  
 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.3(B) Surface Water Features Local to the Project: Section D



**Legend**

- Order Limits
- Section Breaks (A to F)
- 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

**Watercourse crossings**

- Existing crossing
- New bridge crossing
- ▲ New culvert crossing

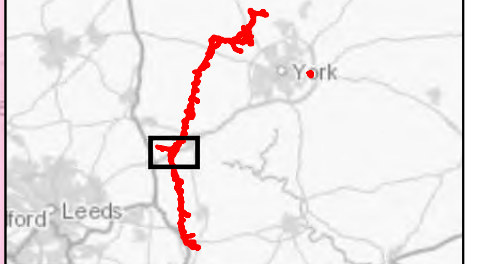
**Project infrastructure**

- Existing substation
- Proposed substation area
- Indicative construction compounds
- Indicative cable sealing end compound
- Indicative stringing areas
- Indicative working areas
- Indicative visibility splays
- Indicative access swathe
- EA Main Rivers
- - - IDB adopted watercourses
- WFD Watercourses
- Ponds
- WFD Lakes

**WFD waterbody catchments**

- Cock Beck Catchment (trib of Wharfe)
- Dorts Dike Catchment (trib of Wharfe)
- The Foss Catchment (trib of Wharfe)
- Wharfe from Collingham Beck to Tadcaster Weir

**Notes**  
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**Title**

5.4.9, ES CHAPTER 9  
 HYDROLOGY  
 FIGURE 9.3(B)  
 SURFACE WATER FEATURES  
 LOCAL TO THE PROJECT

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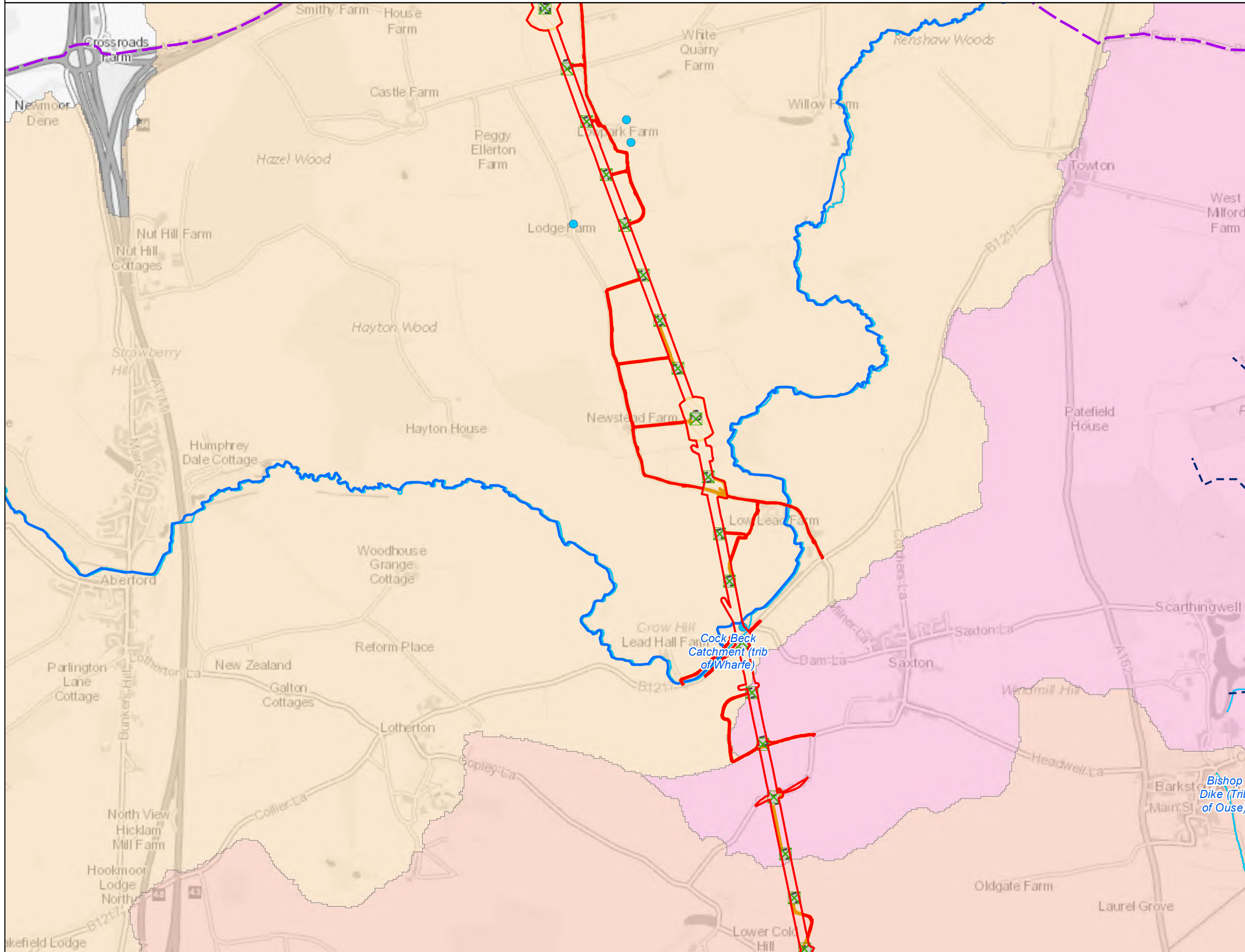
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National Grid (Yorkshire Green Energy Enablement Project) Order  
 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.3(B) Surface Water Features Local to the Project: Section E



**Legend**

- Order Limits
- Section Breaks (A to F)
- Existing Lattice Pylon - To be Modified
- Watercourse crossings**
- Existing crossing
- New bridge crossing
- ▲ New culvert crossing
- Project infrastructure**
- Existing substation
- Proposed substation area
- Indicative construction compounds
- Indicative cable sealing end compund
- Indicative stringing areas
- Indicative working areas
- Indicative visibility splays
- Indicative access swathe
- EA Main Rivers
- - - IDB adopted watercourses
- WFD Watercourses
- Ponds
- ▭ WFD Lakes
- WFD waterbody catchments**
- Bishop Dike (Trib of Ouse)
- Cock Beck Catchment (trib of Wharfe)
- Dorts Dike Catchment (trib of Wharfe)

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

**Title**

5.4.9, ES CHAPTER 9  
 HYDROLOGY  
 FIGURE 9.3(B)  
 SURFACE WATER FEATURES  
 LOCAL TO THE PROJECT

**nationalgrid**

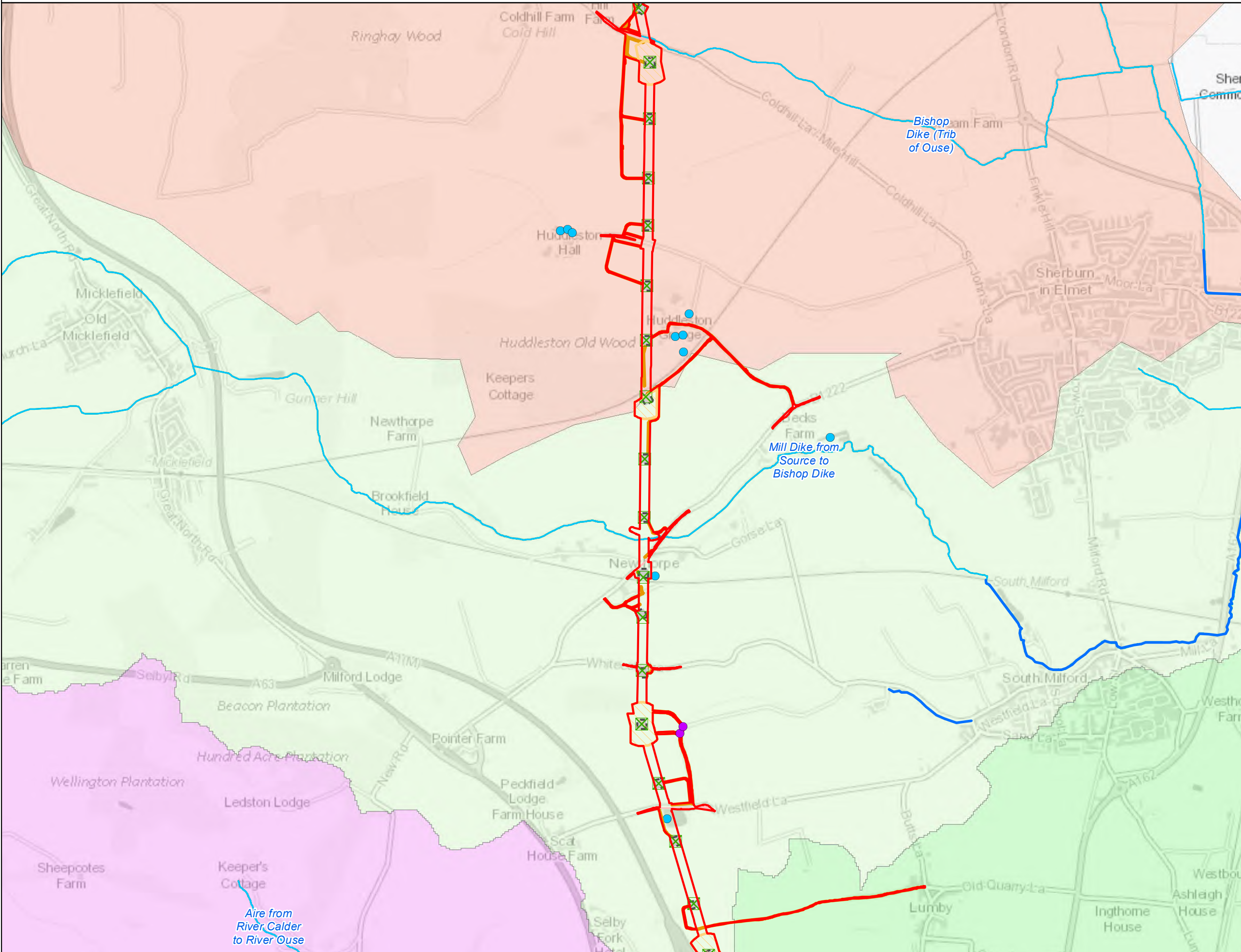
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Drawing Reference: 806503-WOOD-0220 B

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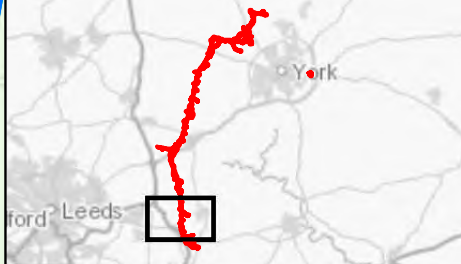
National Grid (Yorkshire Green Energy Enablement Project) Order  
 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.3(B) Surface Water Features Local to the Project: Section E



**Legend**

- ▭ Order Limits
- ▬ Section Breaks (A to F)
- ⊠ Existing Lattice Pylon - To be Modified
- Watercourse crossings**
- Existing crossing
- New bridge crossing
- ▲ New culvert crossing
- Project infrastructure**
- Existing substation
- Proposed substation area
- Indicative construction compounds
- Indicative cable sealing end compound
- Indicative stringing areas
- Indicative working areas
- Indicative visibility splays
- Indicative access swathe
- ▬ EA Main Rivers
- ▬ IDB adopted watercourses
- ▬ WFD Watercourses
- Ponds
- WFD Lakes
- WFD waterbody catchments**
- Aire from River Calder to River Ouse
- Bishop Dike (Trib of Ouse)
- Mill Dike from Source to Bishop Dike
- Selby Dam from Conf. Fox Dike and Carr Dike to Ouse

**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: 446,978.88 Sheet Y Centroid Coordinate: 432,685.59

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 Meters

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**nationalgrid**

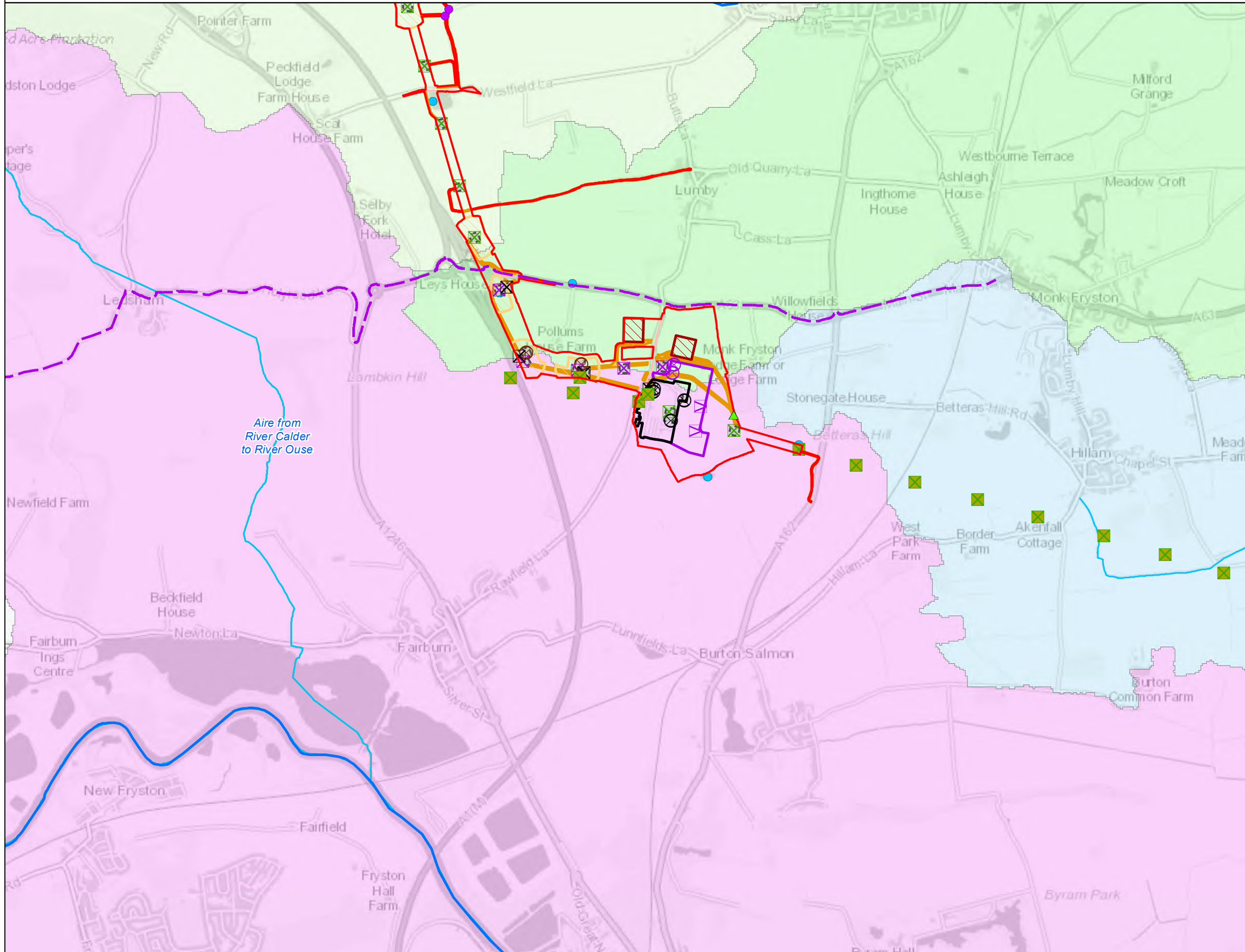
Figure Number: FIGURE 9.3(B)

Drawing Reference: 806503-WOOD-0220 B

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National Grid (Yorkshire Green Energy Enablement Project) Order  
 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.3(B) Surface Water Features Local to the Project: Section F



- Legend**
- Order Limits
  - Section Breaks (A to F)
  - 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
  - Indicative Temporary Pylon or Mast
- Watercourse crossings**
- Existing crossing
  - New bridge crossing
  - ▲ New culvert crossing
- Project infrastructure**
- Existing substation
  - Proposed substation area
  - Indicative construction compounds
  - Indicative cable sealing end compound
  - Indicative stringing areas
  - Indicative working areas
  - Indicative visibility splays
  - Indicative access swathe
  - EA Main Rivers
  - · - IDB adopted watercourses
  - WFD Watercourses
  - Ponds
  - WFD Lakes
- WFD waterbody catchments**
- Aire from River Calder to River Ouse
  - Mill Dike from Source to Bishop Dike
  - Selby Dam from Conf. Fox Dike and Carr Dike to Ouse
  - The Fleet from Source to River Aire

**Notes**

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Coordinate System: British National Grid  
 Sheet X Centroid Coordinate: 448,283.25 Sheet Y Centroid Coordinate: 428,752.10

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**5.4.9, ES CHAPTER 9  
 HYDROLOGY  
 FIGURE 9.3(B)  
 SURFACE WATER FEATURES  
 LOCAL TO THE PROJECT**

**nationalgrid**

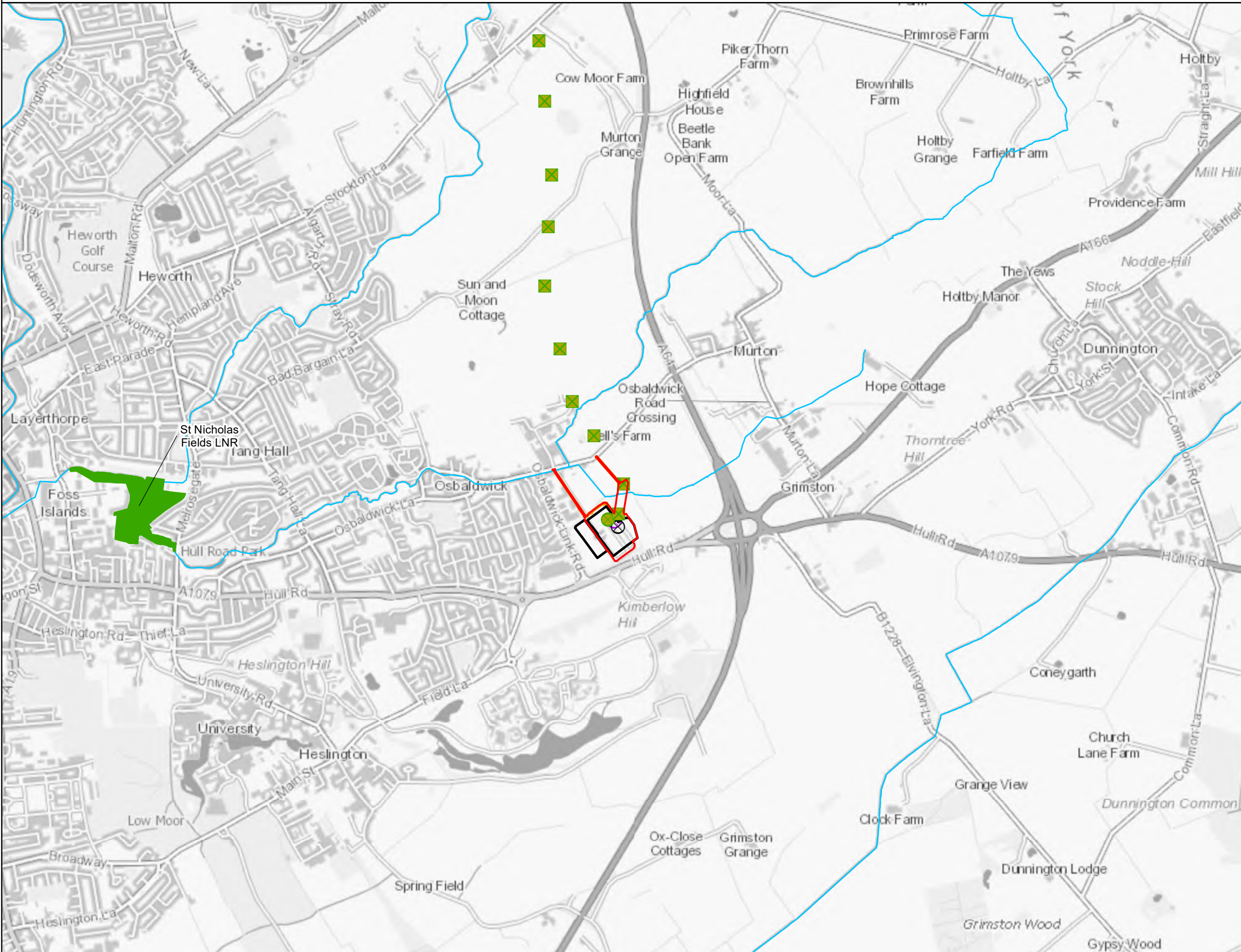
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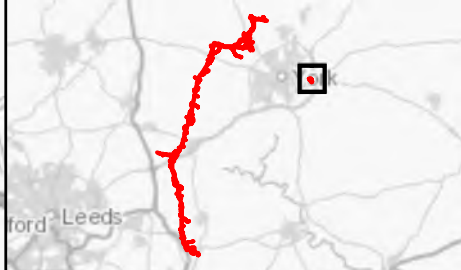
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 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.4(B) Conservation Sites: Section A



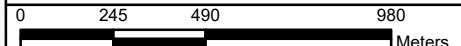
**Legend**

- Order Limits
- Watercourse crossings**
- Existing crossing
- ▲ New bridge crossing
- ▲ New culvert crossing
- Section Breaks (A to F)
- Existing Lattice Pylon - Not Affected
- Existing Gantry - Not Affected
- ⊗ Existing Gantry - To be Dismantled
- ⊗ Indicative New Gantry
- Project infrastructure**
- Existing substation
- Proposed substation area
- Indicative construction compounds
- Indicative cable sealing end compounds
- Indicative stringing areas
- Indicative working areas
- Indicative visibility splays
- Indicative access swathe
- Conservation sites**
- Sites of Special Scientific Interest
- Local Nature Reserves
- Local Wildlife Sites
- Yorkshire Wildlife Trust Site
- Sites of Importance for Nature Conservation
- WFD Watercourses

**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  
 5.4.9, ES CHAPTER 9  
 HYDROLOGY  
 FIGURE 9.4(B)  
 CONSERVATION SITES

**nationalgrid**

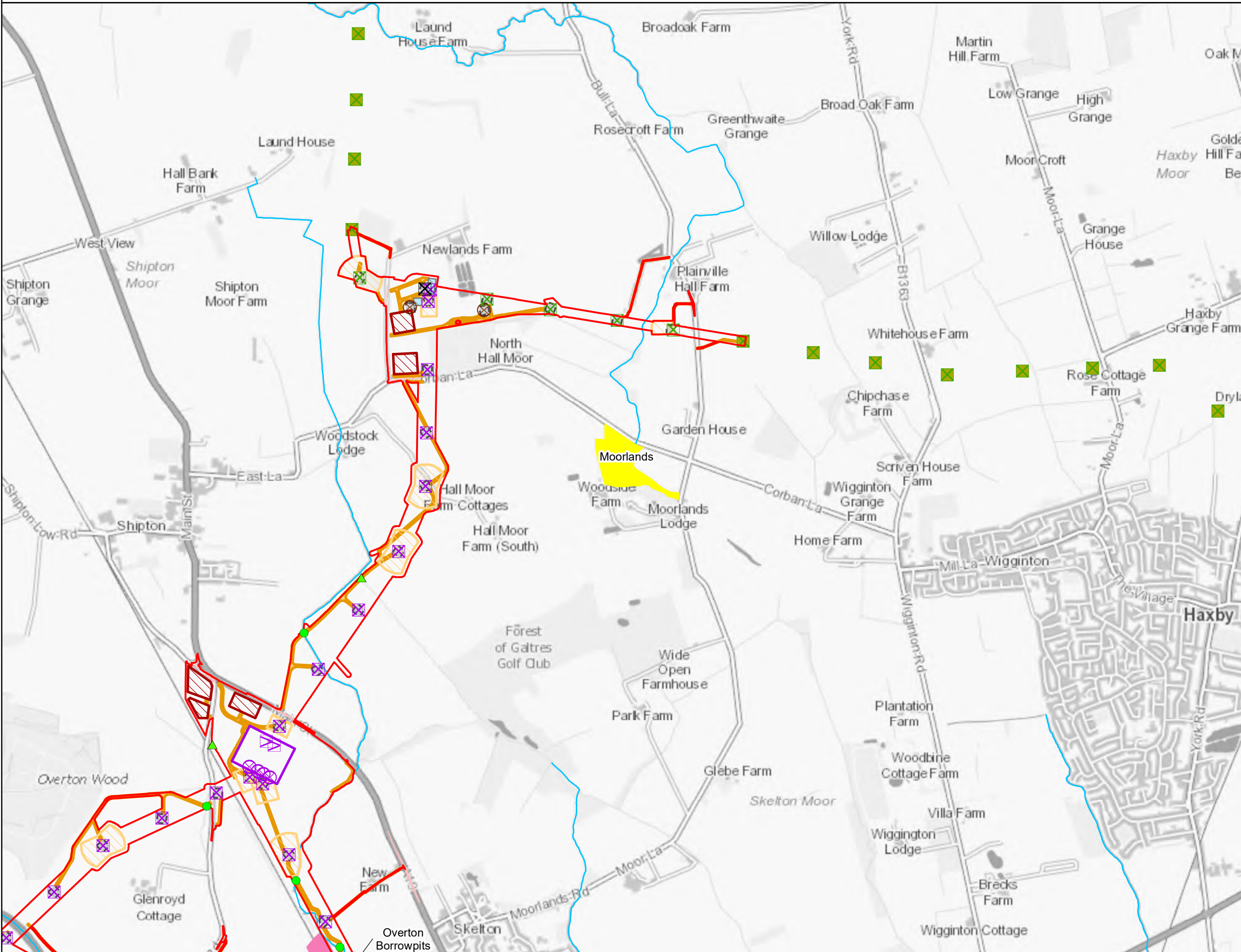
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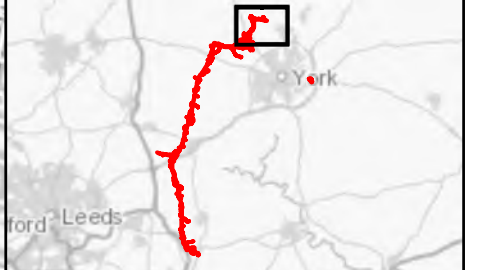


National Grid (Yorkshire Green Energy Enablement Project) Order  
 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.4(B) Conservation Sites: Section B

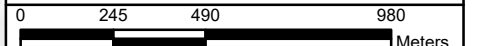


- Legend**
- Order Limits
  - Watercourse crossings**
    - Existing crossing
    - New bridge crossing
    - New culvert crossing
    - Section Breaks (A to F)
  - Existing Lattice Pylon - To be Modified
  - Existing Lattice Pylon - Not Affected
  - Existing Lattice Pylon - To be Dismantled
  - Indicative New Lattice Pylon
  - Indicative New Gantry
  - Indicative New Full Line Tension Gantry
  - Indicative Temporary Pylon or Mast
  - Project infrastructure**
    - Existing substation
    - Proposed substation area
    - Indicative construction compounds
    - Indicative cable sealing end compounds
    - Indicative stringing areas
    - Indicative working areas
    - Indicative visibility splays
    - Indicative access swathe
  - Conservation sites**
    - Sites of Special Scientific Interest
    - Local Nature Reserves
    - Local Wildlife Sites
    - Yorkshire Wildlife Trust Site
    - Sites of Importance for Nature Conservation
    - WFD Watercourses

**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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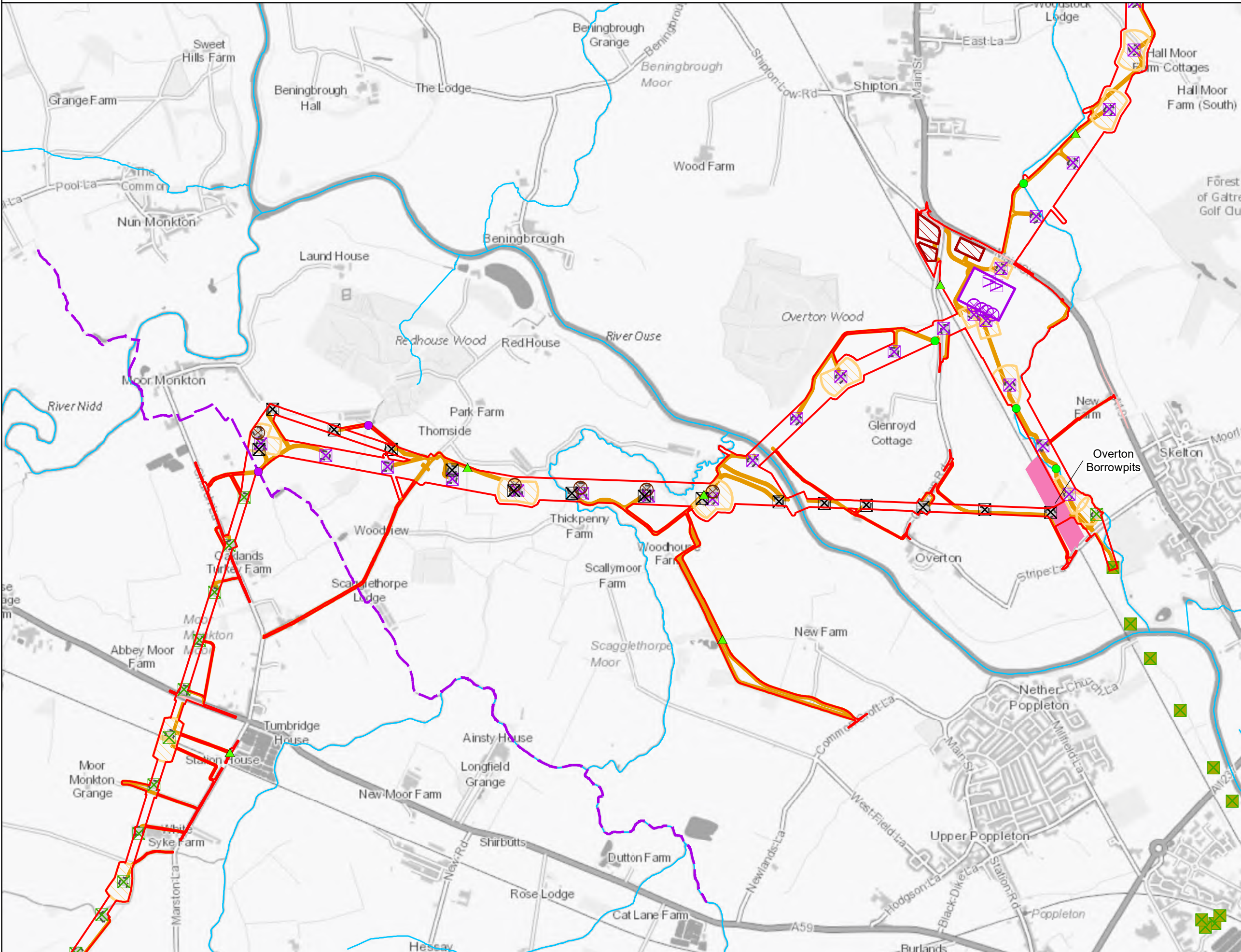
B	28/07/23	For DCO Deadline Six	BERNB	DIMMR	CHADC
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Issue	Date	Remarks	Drawn	Checked	Approved

**Title**  
 5.4.9, ES CHAPTER 9  
 HYDROLOGY  
 FIGURE 9.4(B)  
 CONSERVATION SITES

<b>nationalgrid</b>			
Figure Number	FIGURE 9.4(B)		
Drawing Reference	806503-WOOD-0221 B		
Scale	Sheet Size	Sheet	Issue
1:20,000	A3	SHEET 2 OF 10	B



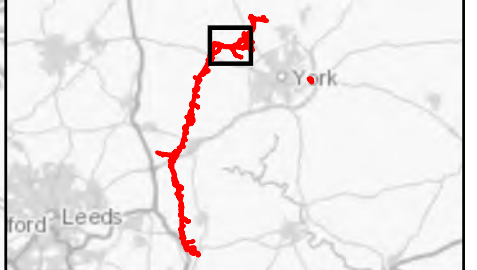
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 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.4(B) Conservation Sites: Section B



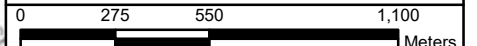
**Legend**

- Order Limits
- Watercourse crossings**
  - Existing crossing
  - New bridge crossing
  - New culvert crossing
- Section Breaks (A to F)
- Existing Lattice Pylon - To be Modified
- Existing Lattice Pylon - Not Affected
- Existing Lattice Pylon - To be Dismantled
- Indicative New Lattice Pylon
- Indicative New Gantry
- Indicative New Full Line Tension Gantry
- Indicative Temporary Pylon or Mast
- Project infrastructure**
  - Existing substation
  - Proposed substation area
  - Indicative construction compounds
  - Indicative cable sealing end compounds
  - Indicative stringing areas
  - Indicative working areas
  - Indicative visibility splays
  - Indicative access swathe
- Conservation sites**
  - Sites of Special Scientific Interest
  - Local Nature Reserves
  - Local Wildlife Sites
  - Yorkshire Wildlife Trust Site
  - Sites of Importance for Nature Conservation
  - WFD Watercourses

**Notes**  
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5.4.9, ES CHAPTER 9  
 HYDROLOGY  
 FIGURE 9.4(B)  
 CONSERVATION SITES

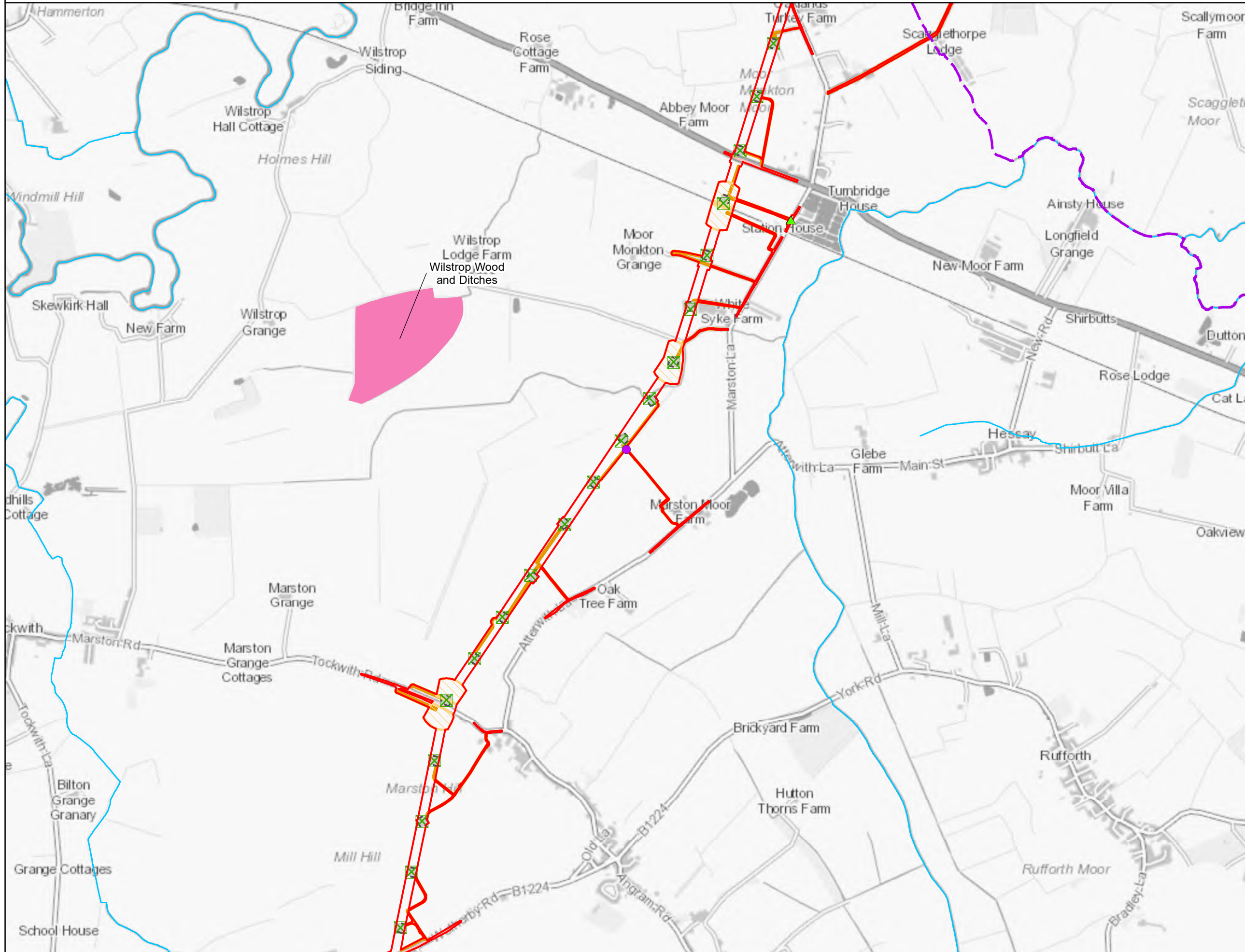
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Figure Number: FIGURE 9.4(B)  
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National Grid (Yorkshire Green Energy Enablement Project) Order  
 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.4(B) Conservation Sites: Section C



**Legend**

- ▬ Order Limits
- Watercourse crossings**
- Existing crossing
- ▲ New bridge crossing
- ▲ New culvert crossing
- Section Breaks (A to F)
- ⊠ Existing Lattice Pylon - To be Modified
- Project infrastructure**
- Existing substation
- Proposed substation area
- Indicative construction compounds
- Indicative cable sealing end compounds
- Indicative stringing areas
- Indicative working areas
- Indicative visibility splays
- Indicative access swathe
- Conservation sites**
- Sites of Special Scientific Interest
- Local Nature Reserves
- Local Wildlife Sites
- Yorkshire Wildlife Trust Site
- Sites of Importance for Nature Conservation
- WFD Watercourses

**Notes**  
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Title

**5.4.9, ES CHAPTER 9  
 HYDROLOGY  
 FIGURE 9.4(B)  
 CONSERVATION SITES**

**nationalgrid**

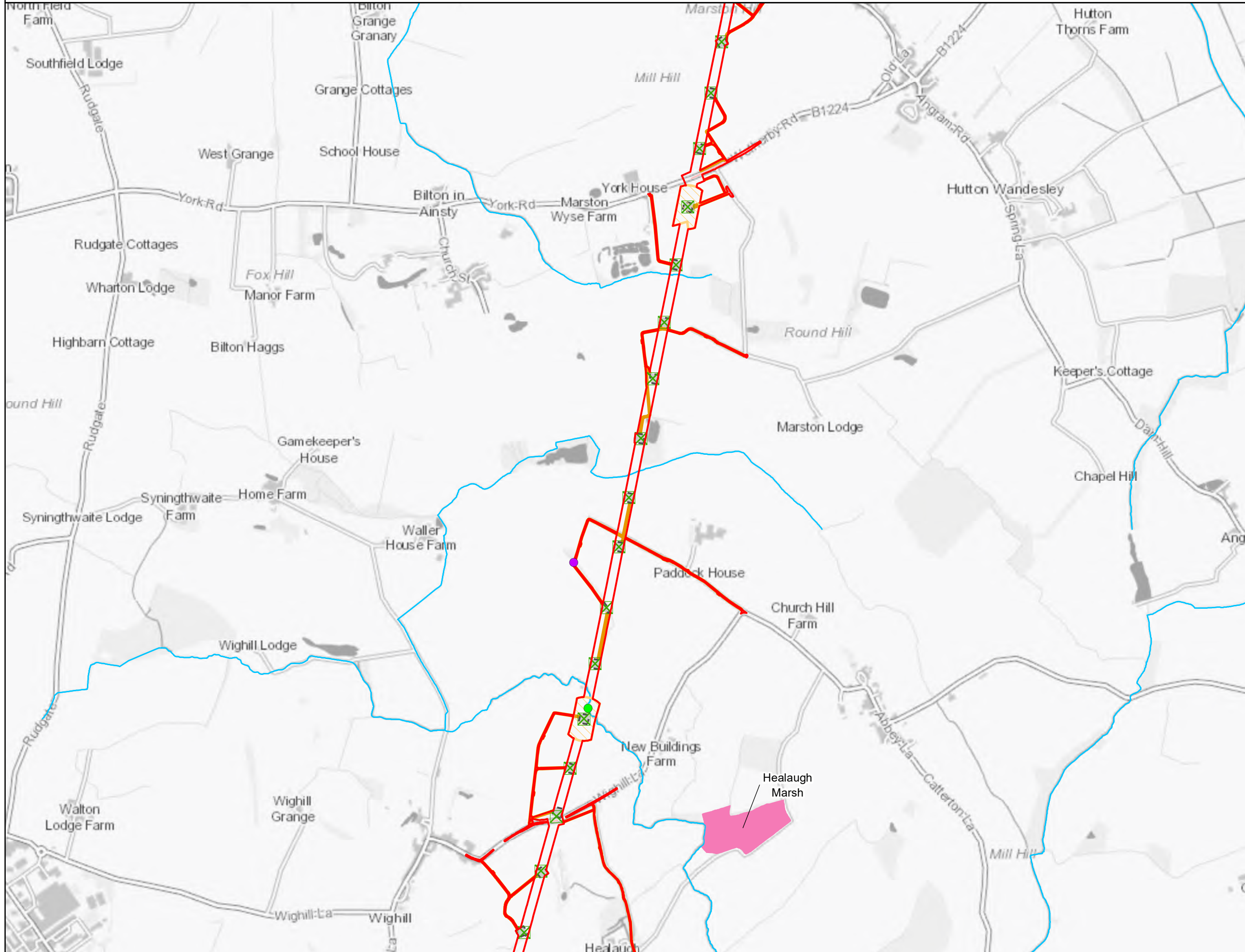
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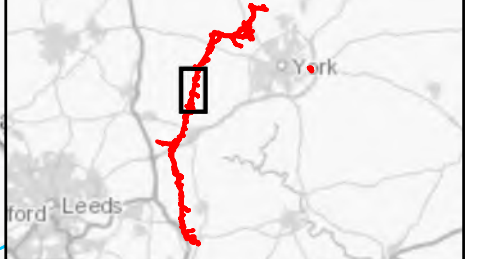
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 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.4(B) Conservation Sites: Section C



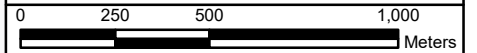
**Legend**

- Order Limits
- Watercourse crossings**
  - Existing crossing
  - New bridge crossing
  - New culvert crossing
- Section Breaks (A to F)
- Existing Lattice Pylon - To be Modified
- Project infrastructure**
  - Existing substation
  - Proposed substation area
  - Indicative construction compounds
  - Indicative cable sealing end compounds
  - Indicative stringing areas
  - Indicative working areas
  - Indicative visibility splays
  - Indicative access swathe
- Conservation sites**
  - Sites of Special Scientific Interest
  - Local Nature Reserves
  - Local Wildlife Sites
  - Yorkshire Wildlife Trust Site
  - Sites of Importance for Nature Conservation
  - WFD Watercourses

**Notes**  
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Title  
 5.4.9, ES CHAPTER 9  
 HYDROLOGY  
 FIGURE 9.4(B)  
 CONSERVATION SITES

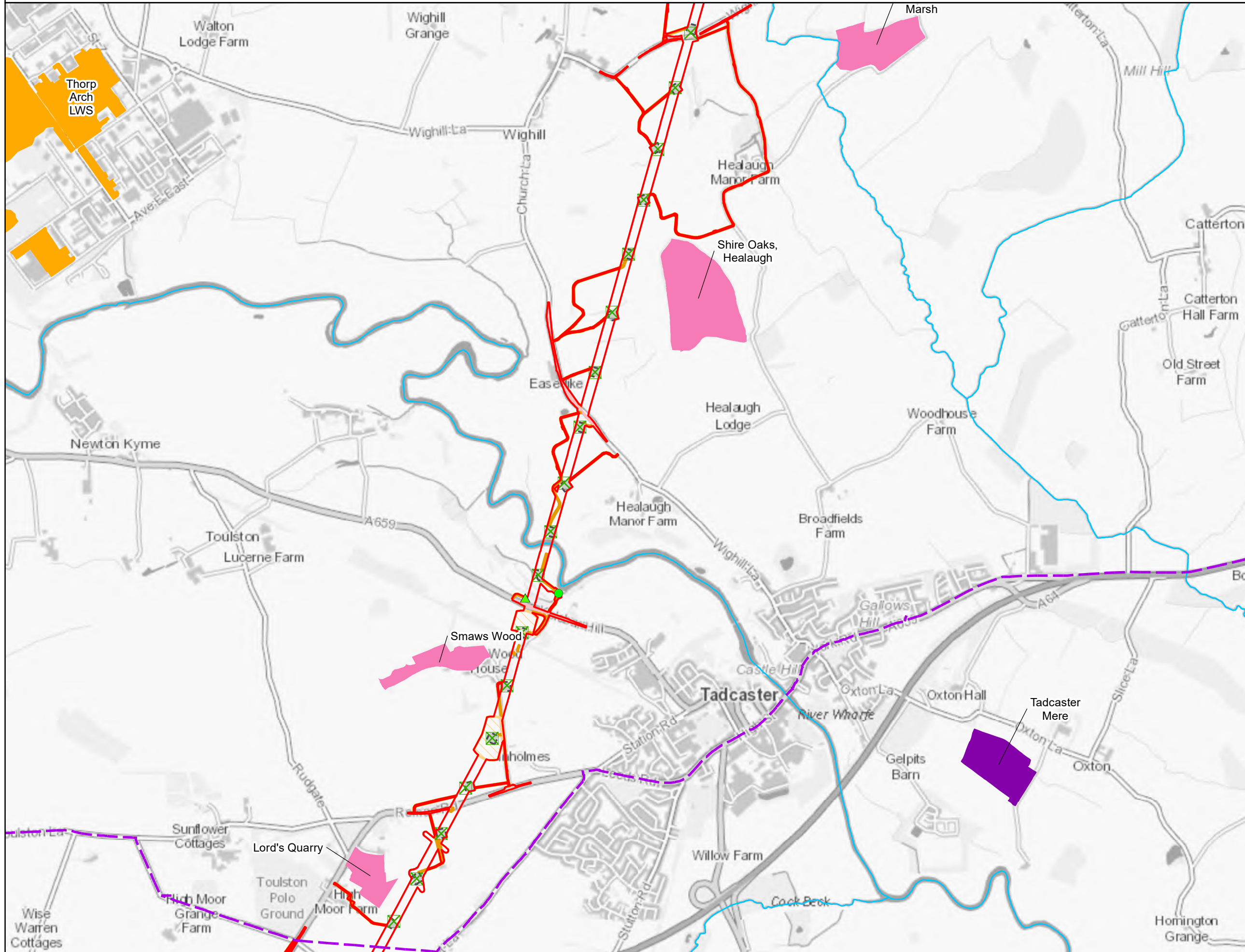
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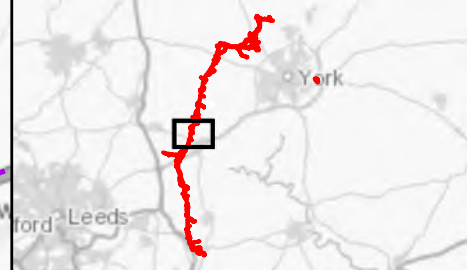
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 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.4(B) Conservation Sites: Section C



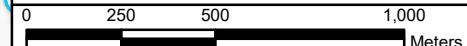
**Legend**

- ▬ Order Limits
- Watercourse crossings**
  - Existing crossing
  - ▲ New bridge crossing
  - ▲ New culvert crossing
  - ▬ Section Breaks (A to F)
  - ◻ Existing Lattice Pylon - To be Modified
- Project infrastructure**
  - Existing substation
  - Proposed substation area
  - Indicative construction compounds
  - Indicative cable sealing end compounds
  - Indicative stringing areas
  - Indicative working areas
  - Indicative visibility splays
  - Indicative access swathe
- Conservation sites**
  - Sites of Special Scientific Interest
  - Local Nature Reserves
  - Local Wildlife Sites
  - Yorkshire Wildlife Trust Site
  - Sites of Importance for Nature Conservation
  - WFD Watercourses

**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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Issue	Date	Remarks	Drawn	Checked	Approved

Title  
 5.4.9, ES CHAPTER 9  
 HYDROLOGY  
 FIGURE 9.4(B)  
 CONSERVATION SITES

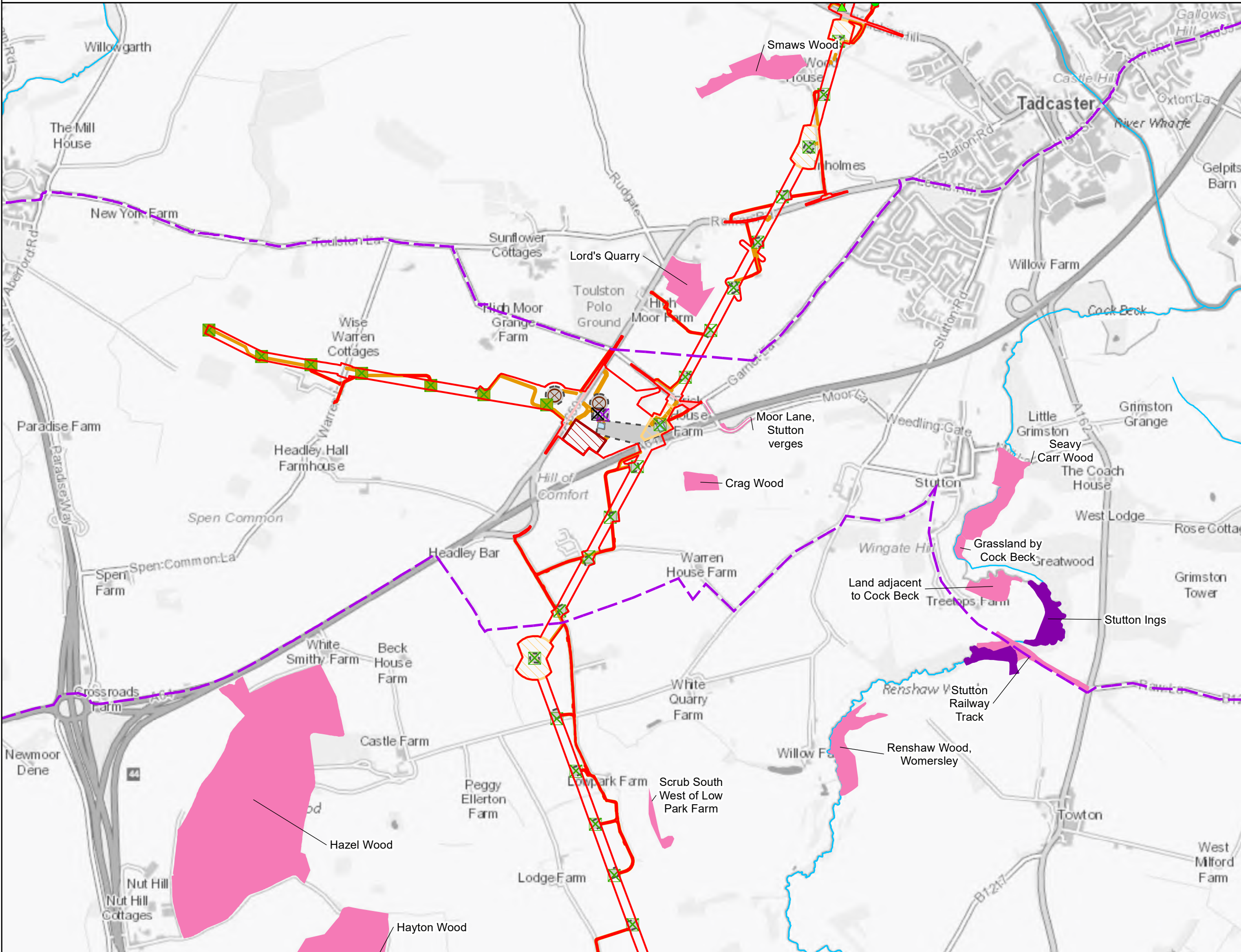
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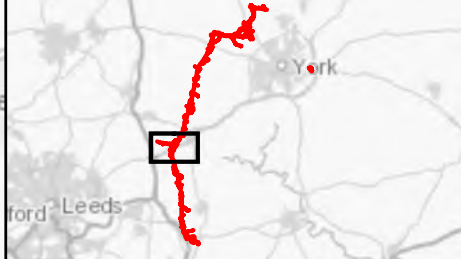
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 Figure 9.4(B) Conservation Sites: Section D



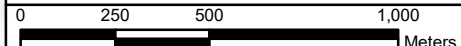
**Legend**

- Order Limits
- Watercourse crossings**
  - Existing crossing
  - New bridge crossing
  - New culvert crossing
- Section Breaks (A to F)
- 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
- Project infrastructure**
  - Existing substation
  - Proposed substation area
  - Indicative construction compounds
  - Indicative cable sealing end compounds
  - Indicative stringing areas
  - Indicative working areas
  - Indicative visibility splays
  - Indicative access swathe
- Conservation sites**
  - Sites of Special Scientific Interest
  - Local Nature Reserves
  - Local Wildlife Sites
  - Yorkshire Wildlife Trust Site
  - Sites of Importance for Nature Conservation
  - WFD Watercourses

**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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Issue	Date	Remarks	Drawn	Checked	Approved

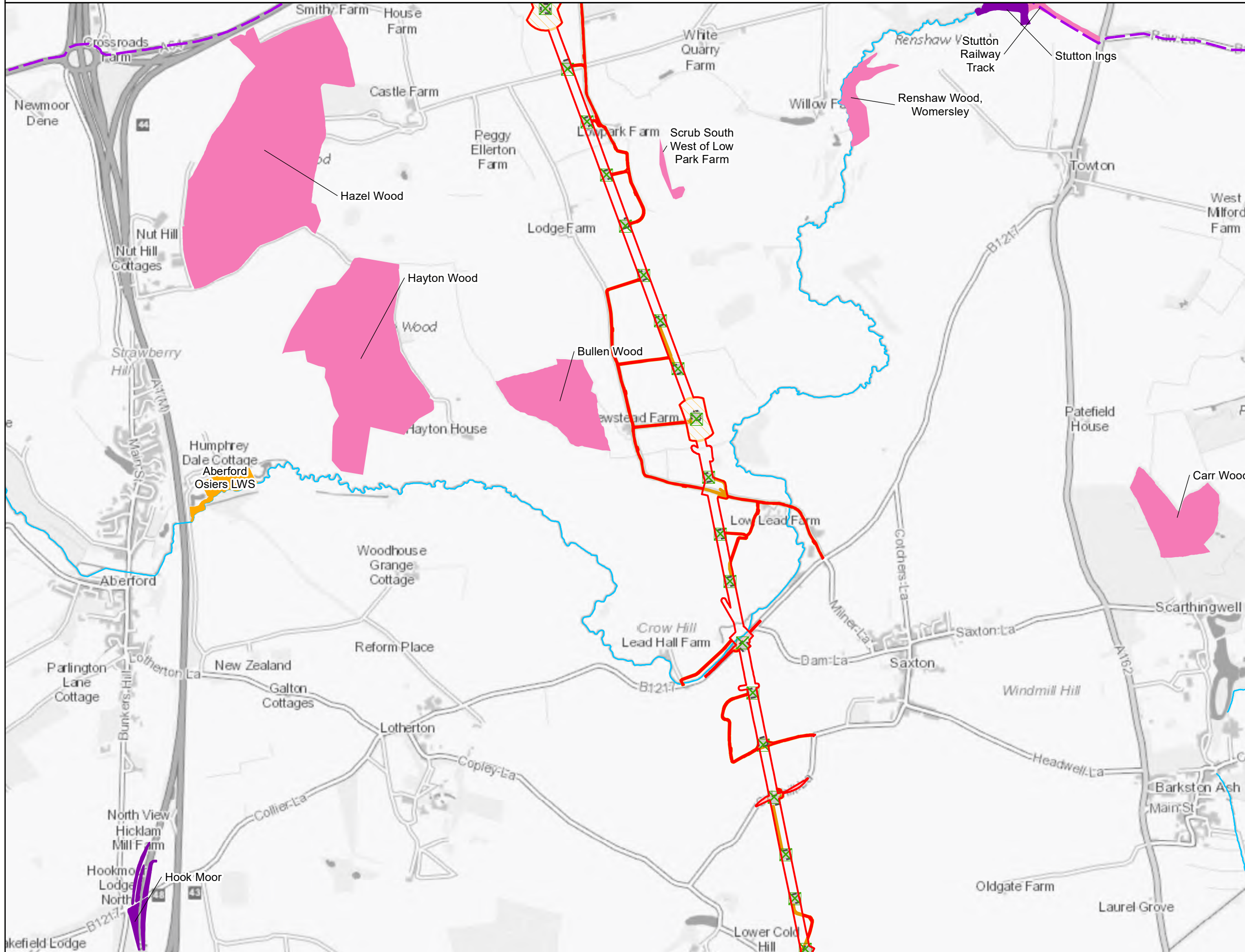
Title  
 5.4.9, ES CHAPTER 9  
 HYDROLOGY  
 FIGURE 9.4(B)  
 CONSERVATION SITES

**nationalgrid**

Figure Number: FIGURE 9.4(B)  
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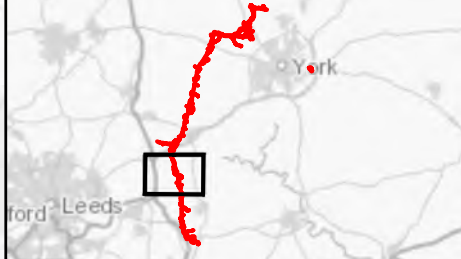
National Grid (Yorkshire Green Energy Enablement Project) Order  
 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.4(B) Conservation Sites: Section E



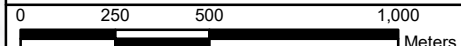
**Legend**

- Order Limits
- Watercourse crossings**
  - Existing crossing
  - New bridge crossing
  - New culvert crossing
  - Section Breaks (A to F)
  - Existing Lattice Pylon - To be Modified
- Project infrastructure**
  - Existing substation
  - Proposed substation area
  - Indicative construction compounds
  - Indicative cable sealing end compounds
  - Indicative stringing areas
  - Indicative working areas
  - Indicative visibility splays
  - Indicative access swathe
- Conservation sites**
  - Sites of Special Scientific Interest
  - Local Nature Reserves
  - Local Wildlife Sites
  - Yorkshire Wildlife Trust Site
  - Sites of Importance for Nature Conservation
  - WFD Watercourses

**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: 446,089.19 Sheet Y Centroid Coordinate: 437,844.58



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

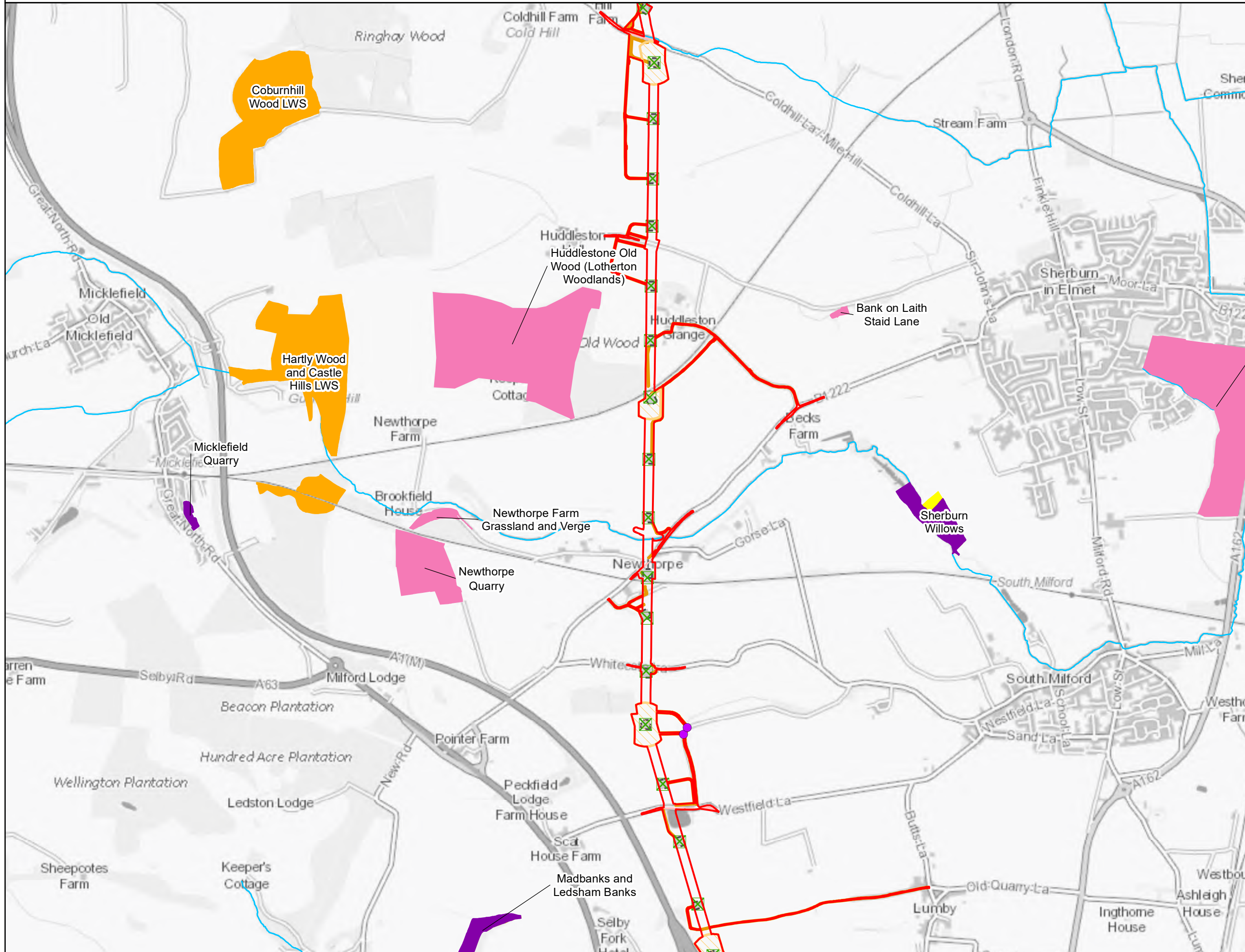
Title  
 5.4.9, ES CHAPTER 9  
 HYDROLOGY  
 FIGURE 9.4(B)  
 CONSERVATION SITES

**nationalgrid**

Figure Number: FIGURE 9.4(B)  
 Drawing Reference: 806503-WOOD-0221 B  
 Scale: 1:20,000 | Sheet Size: A3 | Sheet: SHEET 8 OF 10 | Issue: B



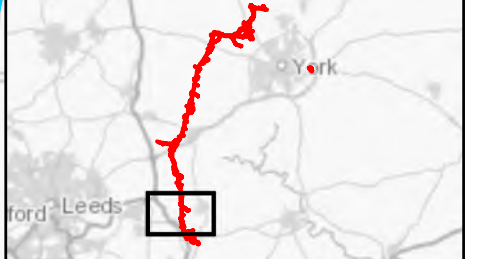
National Grid (Yorkshire Green Energy Enablement Project) Order  
 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.4(B) Conservation Sites: Section E



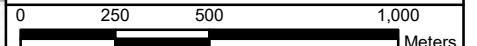
**Legend**

- Order Limits
- Watercourse crossings**
- Existing crossing
- ▲ New bridge crossing
- ▲ New culvert crossing
- Section Breaks (A to F)
- Existing Lattice Pylon - To be Modified
- Project infrastructure**
- Existing substation
- Proposed substation area
- Indicative construction compounds
- Indicative cable sealing end compounds
- Indicative stringing areas
- Indicative working areas
- Indicative visibility splays
- Indicative access swathe
- Conservation sites**
- Sites of Special Scientific Interest
- Local Nature Reserves
- Local Wildlife Sites
- Yorkshire Wildlife Trust Site
- Sites of Importance for Nature Conservation
- WFD Watercourses

**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: 446,978.68 Sheet Y Centroid Coordinate: 432,685.59



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

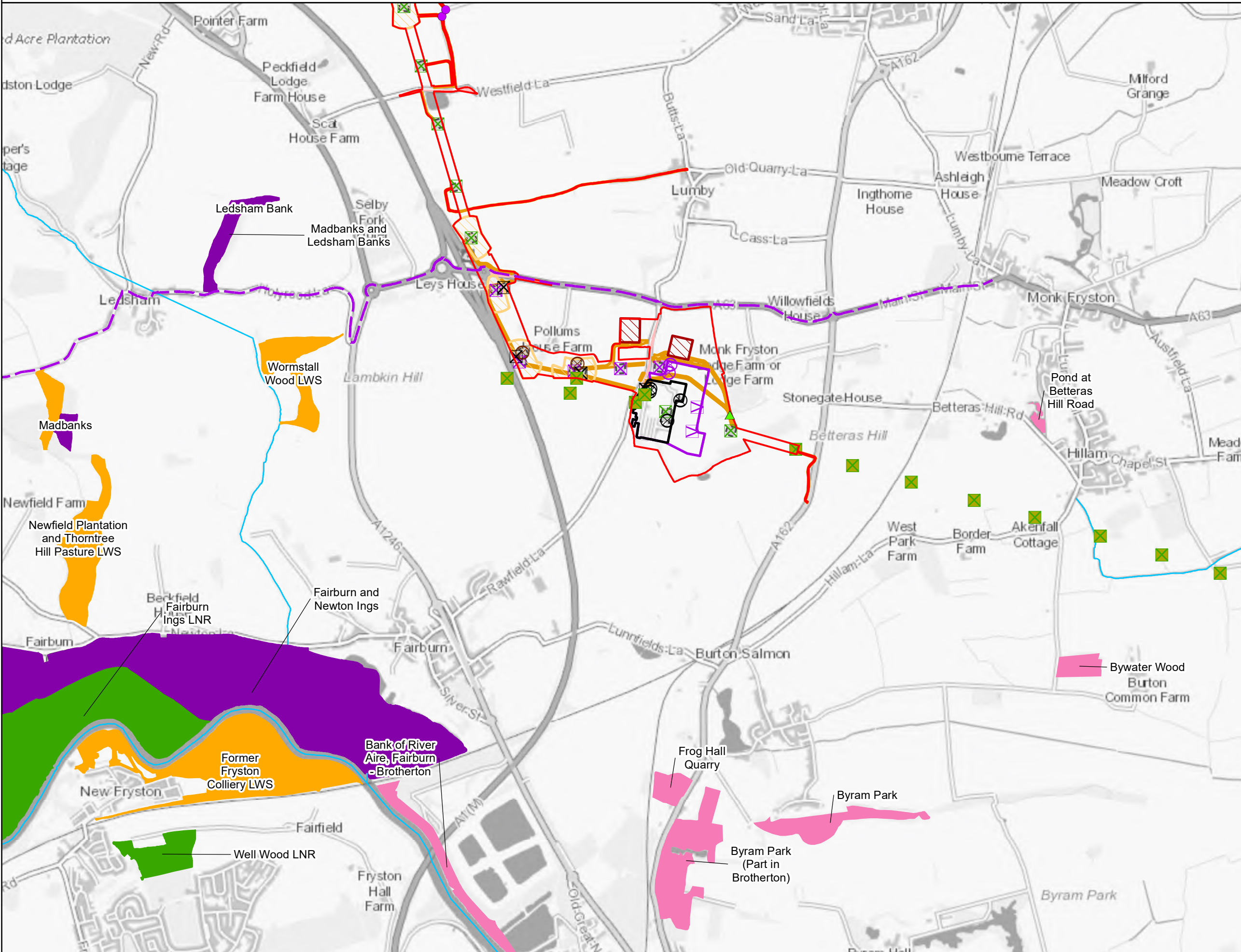
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 HYDROLOGY  
 FIGURE 9.4(B)  
 CONSERVATION SITES

<b>nationalgrid</b>			
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Drawing Reference	806503-WOOD-0221 B		
Scale	Sheet Size	Sheet	Issue
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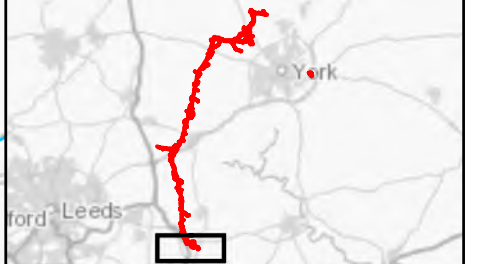
National Grid (Yorkshire Green Energy Enablement Project) Order  
 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.4(B) Conservation Sites: Section F



**Legend**

- Order Limits
- Watercourse crossings**
  - Existing crossing
  - New bridge crossing
  - New culvert crossing
  - Section Breaks (A to F)
- 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
- Indicative Temporary Pylon or Mast
- Project infrastructure**
  - Existing substation
  - Proposed substation area
  - Indicative construction compounds
  - Indicative cable sealing end compounds
  - Indicative stringing areas
  - Indicative working areas
  - Indicative visibility splays
  - Indicative access swathe
- Conservation sites**
  - Sites of Special Scientific Interest
  - Local Nature Reserves
  - Local Wildlife Sites
  - Yorkshire Wildlife Trust Site
  - Sites of Importance for Nature Conservation
  - WFD Watercourses

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



Coordinate System: British National Grid  
 Sheet X Centroid Coordinate: 448,283.25 Sheet Y Centroid Coordinate: 428,752.10

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

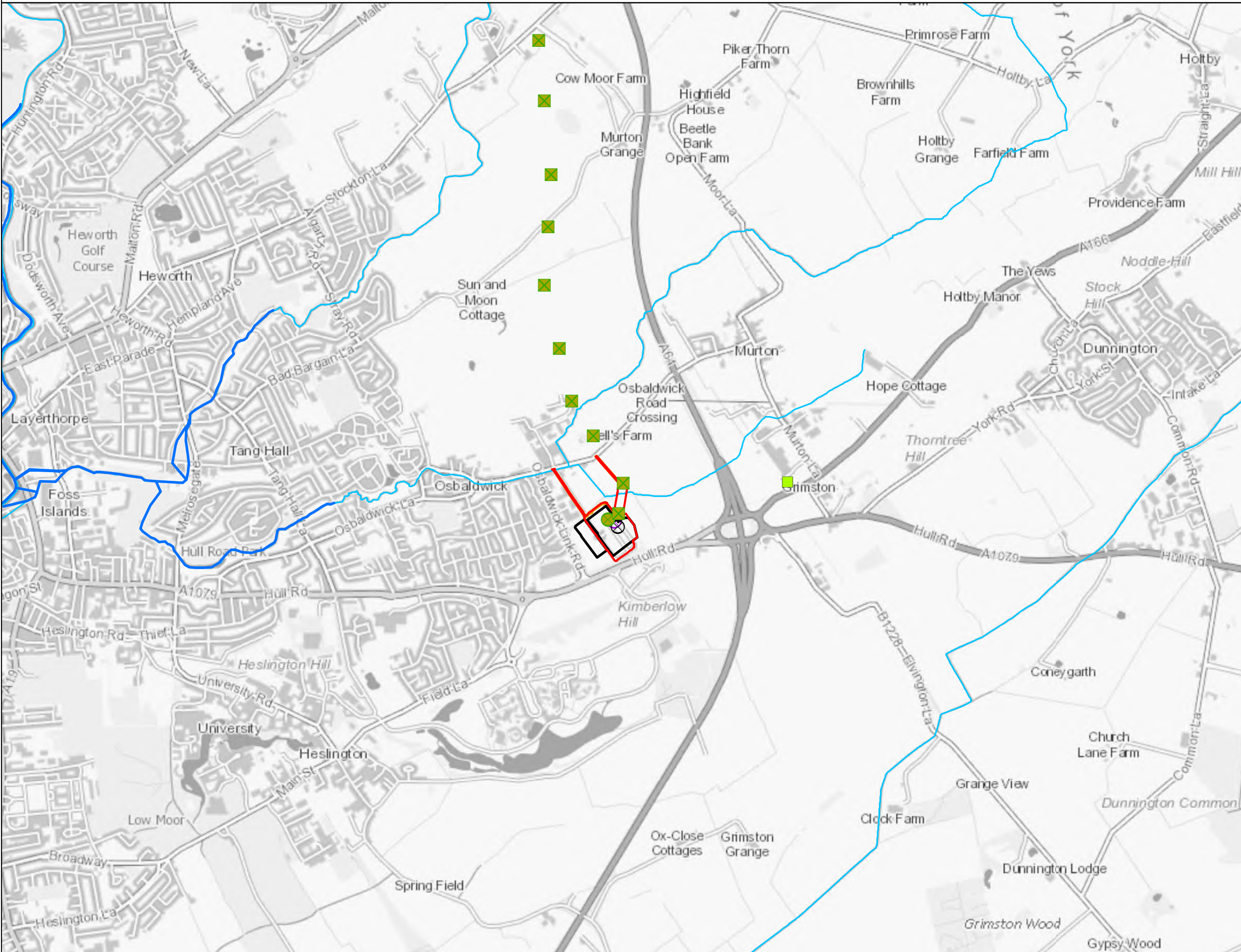
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 5.4.9, ES CHAPTER 9  
 HYDROLOGY  
 FIGURE 9.4(B)  
 CONSERVATION SITES

**nationalgrid**

Figure Number	FIGURE 9.4(B)
Drawing Reference	806503-WOOD-0221 B
Scale	1:20,000
Sheet Size	A3
Sheet	SHEET 10 OF 10
Issue	B



National Grid (Yorkshire Green Energy Enablement Project) Order  
 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.5(B) Abstractions and Discharges: Section A

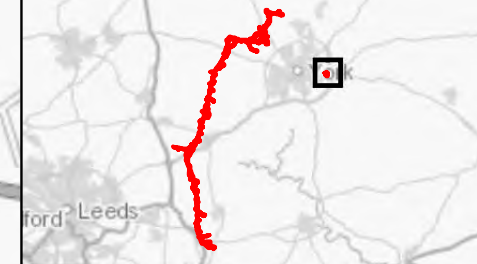


**Legend**

- Order Limits
- Section Breaks (A to F)
- Watercourse crossings**
  - Existing crossing
  - New bridge crossing
  - New culvert crossing
  - Existing Lattice Pylon - Not Affected
  - Existing Gantry - Not Affected
  - Existing Gantry - To be Dismantled
  - Indicative New Gantry
- Project infrastructure**
  - Existing substation
  - Proposed substation area
  - Indicative construction compounds
  - Indicative cable sealing end compound
  - Indicative stringing areas
  - Indicative working areas
  - Indicative visibility splays
  - Indicative access swathe
  - Discharges
- EA licenced abstractions**
  - Licenced groundwater abstraction
  - Licenced surface water abstraction
- EA Main Rivers
- WFD Watercourses

Please note:  
 The data presented only shows licenced abstractions within 250m of the Order Limits. Data was requested for the whole of the hydrology study area, but was not received.

**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: 484,313.88 Sheet Y Centroid Coordinate: 451,918.16

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 Meters

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**Title**  
 5.4.9, ES CHAPTER 9  
 HYDROLOGY  
 FIGURE 9.5(B)  
 ABSTRACTIONS AND DISCHARGES

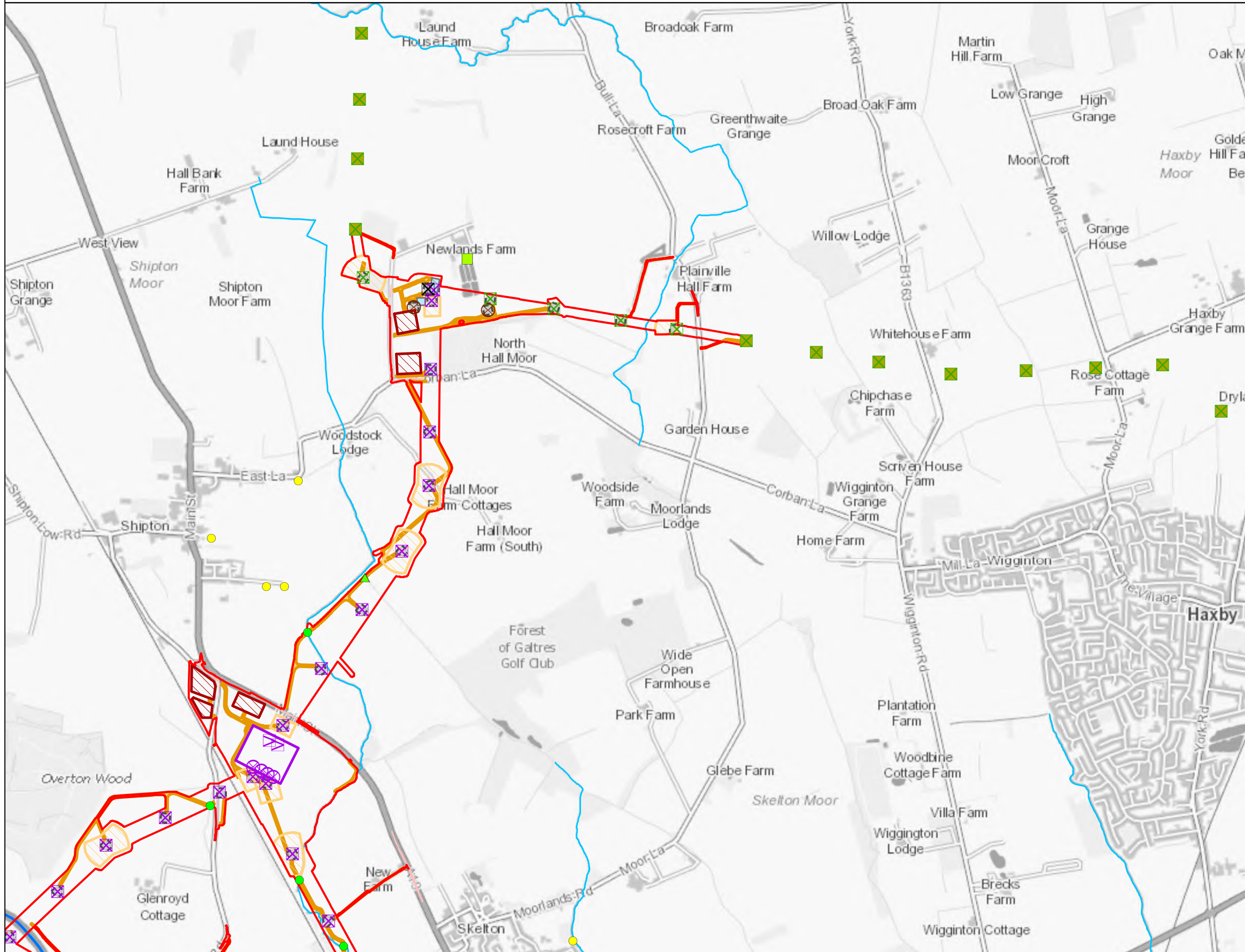
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Figure Number: FIGURE 9.5(B)  
 Drawing Reference: 806503-WOOD-0222 B

Scale	Sheet Size	Sheet	Issue
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National Grid (Yorkshire Green Energy Enablement Project) Order  
 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.5(B) Abstractions and Discharges: Section B



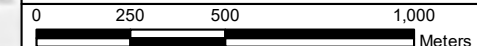
- Legend**
- Order Limits
  - Section Breaks (A to F)
  - Watercourse crossings**
  - Existing crossing
  - ▲ New bridge crossing
  - ▲ New culvert crossing
  - ▲ Existing Lattice Pylon - To be Modified
  - ▲ Existing Lattice Pylon - Not Affected
  - Existing Lattice Pylon - To be Dismantled
  - Indicative New Lattice Pylon
  - Indicative New Gantry
  - Indicative New Full Line Tension Gantry
  - Indicative Temporary Pylon or Mast
  - Project infrastructure**
  - Existing substation
  - Proposed substation area
  - Indicative construction compounds
  - Indicative cable sealing end compound
  - Indicative stringing areas
  - Indicative working areas
  - Indicative visibility splays
  - Indicative access swathe
  - Discharges
  - EA licenced abstractions**
  - Licenced groundwater abstraction
  - ▲ Licenced surface water abstraction
  - EA Main Rivers
  - WFD Watercourses

Please note:  
 The data presented only shows licenced abstractions within 250m of the Order Limits. Data was requested for the whole of the hydrology study area, but was not received.

**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: 457,691.99 Sheet Y Centroid Coordinate: 458,895.64



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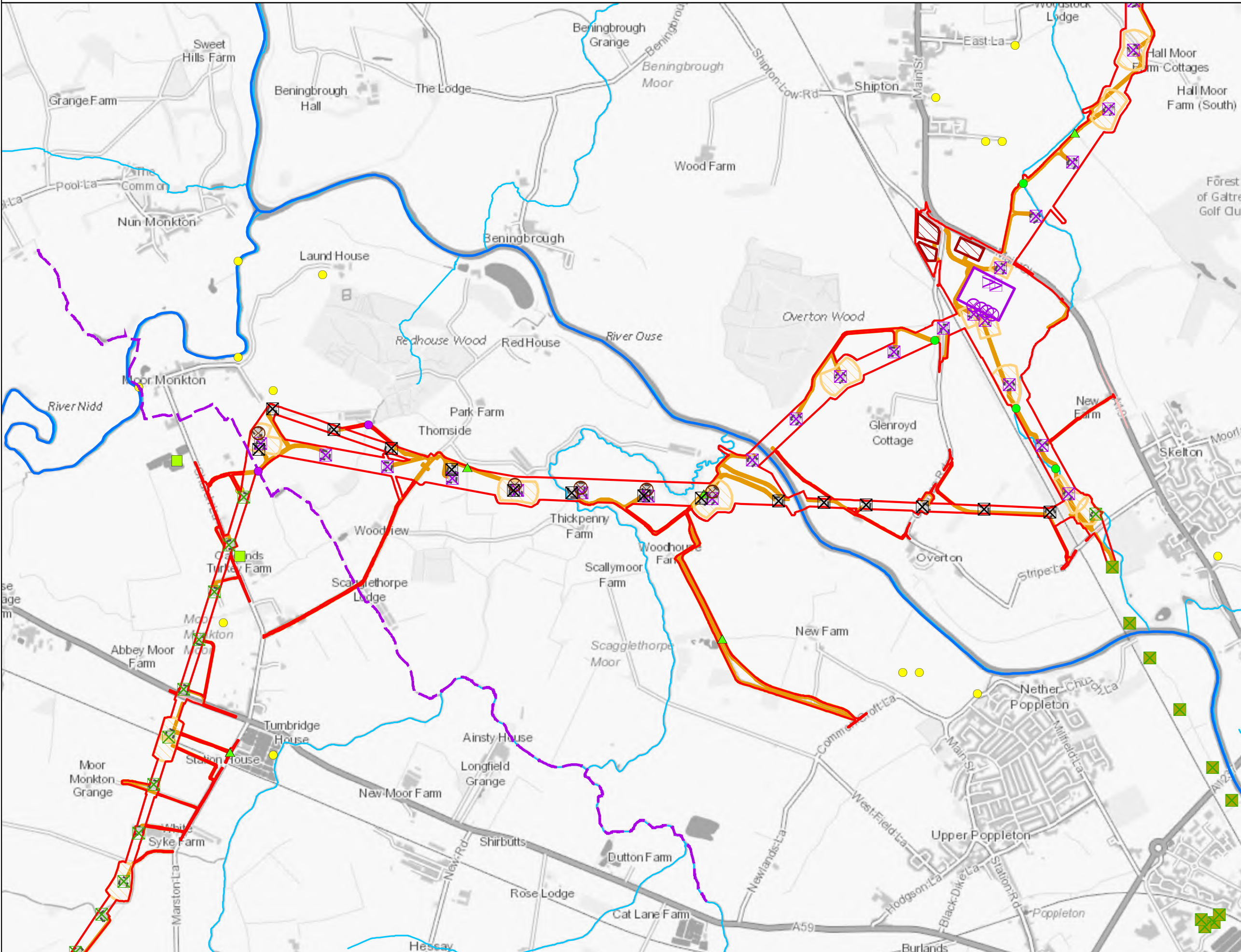
B	28/07/23	For DCO Deadline Six	BERNB	DIMMR	CHADC
B	1 Nov 2022	For DCO Submission	COLLJ	DIMMR	CHADC
Issue	Date	Remarks	Drawn	Checked	Approved

**Title**  
 5.4.9, ES CHAPTER 9  
 HYDROLOGY  
 FIGURE 9.5(B)  
 ABSTRACTIONS AND DISCHARGES

<b>nationalgrid</b>			
Figure Number		FIGURE 9.5(B)	
Drawing Reference		806503-WOOD-0222 B	
Scale	Sheet Size	Sheet	Issue
1:20,000	A3	SHEET 2 OF 10	B



National Grid (Yorkshire Green Energy Enablement Project) Order  
 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.5(B) Abstractions and Discharges: Section B



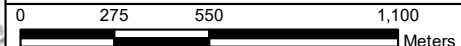
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  - Section Breaks (A to F)
  - Watercourse crossings**
  - Existing crossing
  - New bridge crossing
  - ▲ New culvert crossing
  - ▲ Existing Lattice Pylon - To be Modified
  - Existing Lattice Pylon - Not Affected
  - X Existing Lattice Pylon - To be Dismantled
  - ▲ Indicative New Lattice Pylon
  - X Indicative New Gantry
  - X Indicative New Full Line Tension Gantry
  - Indicative Temporary Pylon or Mast
  - Project infrastructure**
  - Existing substation
  - Proposed substation area
  - Indicative construction compounds
  - Indicative cable sealing end compound
  - Indicative stringing areas
  - Indicative working areas
  - Indicative visibility splays
  - Indicative access swathe
  - Discharges
  - EA licenced abstractions**
  - Licenced groundwater abstraction
  - ▲ Licenced surface water abstraction
  - EA Main Rivers
  - WFD Watercourses

Please note:  
 The data presented only shows licenced abstractions within 250m of the Order Limits.  
 Data was requested for the whole of the hydrology study area, but was not received.

**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: 453,530.19 Sheet Y Centroid Coordinate: 456,270.93



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Issue	Date	Remarks	Drawn	Checked	Approved

**Title**  
 5.4.9, ES CHAPTER 9  
 HYDROLOGY  
 FIGURE 9.5(B)  
 ABSTRACTIONS AND DISCHARGES



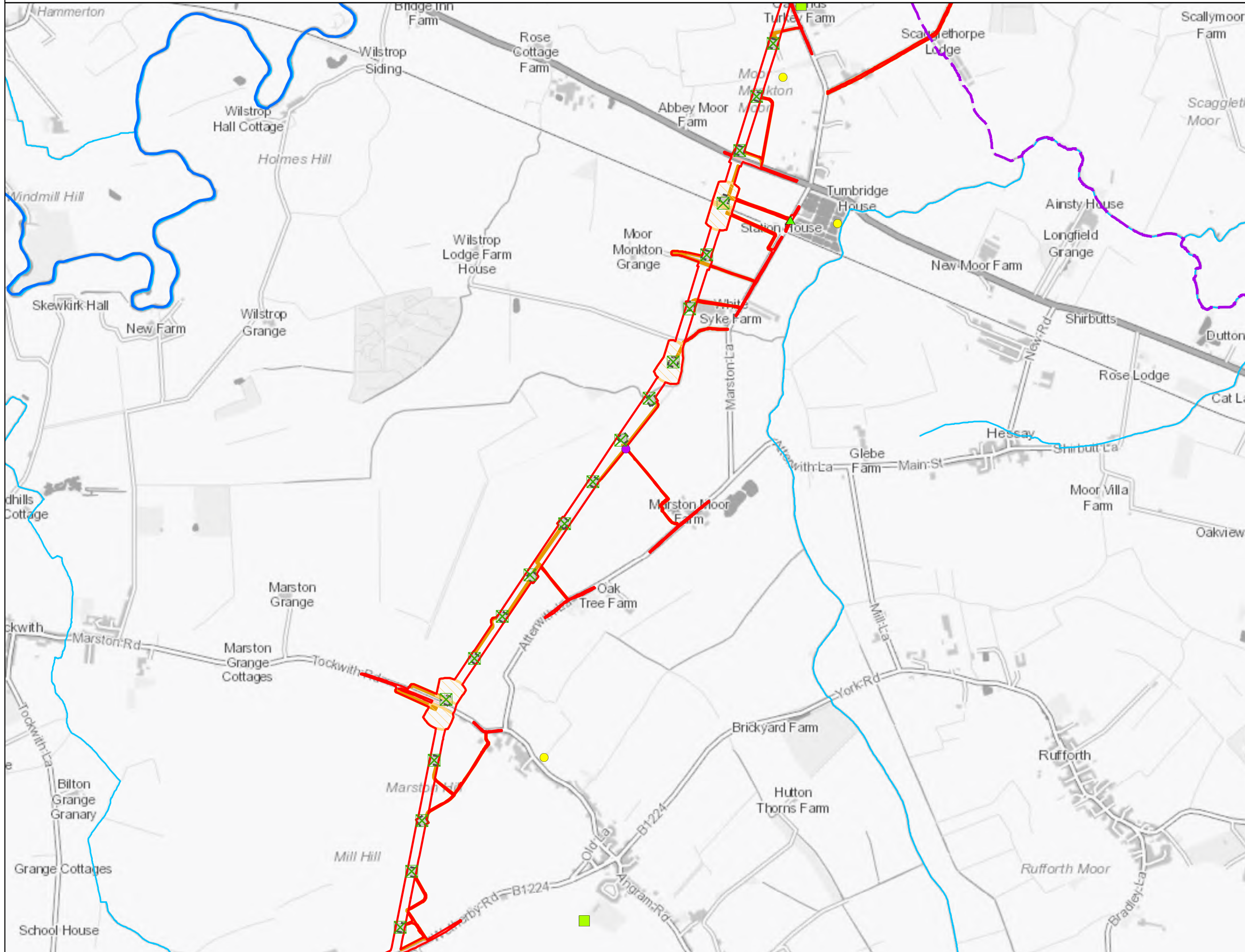
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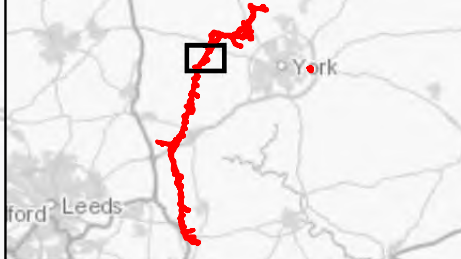
National Grid (Yorkshire Green Energy Enablement Project) Order  
 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.5(B) Abstractions and Discharges: Section C



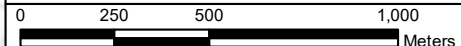
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  - Watercourse crossings**
  - Existing crossing
  - New bridge crossing
  - ▲ New culvert crossing
  - Existing Lattice Pylon - To be Modified
  - Project infrastructure**
  - Existing substation
  - Proposed substation area
  - Indicative construction compounds
  - Indicative cable sealing end compound
  - Indicative stringing areas
  - Indicative working areas
  - Indicative visibility splays
  - Indicative access swathe
  - Discharges
  - EA licenced abstractions**
  - Licenced groundwater abstraction
  - ▲ Licenced surface water abstraction
  - EA Main Rivers
  - WFD Watercourses

Please note:  
 The data presented only shows licenced abstractions within 250m of the Order Limits. Data was requested for the whole of the hydrology study area, but was not received.

**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: 450,259.87 Sheet Y Centroid Coordinate: 453,202.96



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Issue	Date	Remarks	Drawn	Checked	Approved

**Title**  
 5.4.9, ES CHAPTER 9  
 HYDROLOGY  
 FIGURE 9.5(B)  
 ABSTRACTIONS AND DISCHARGES



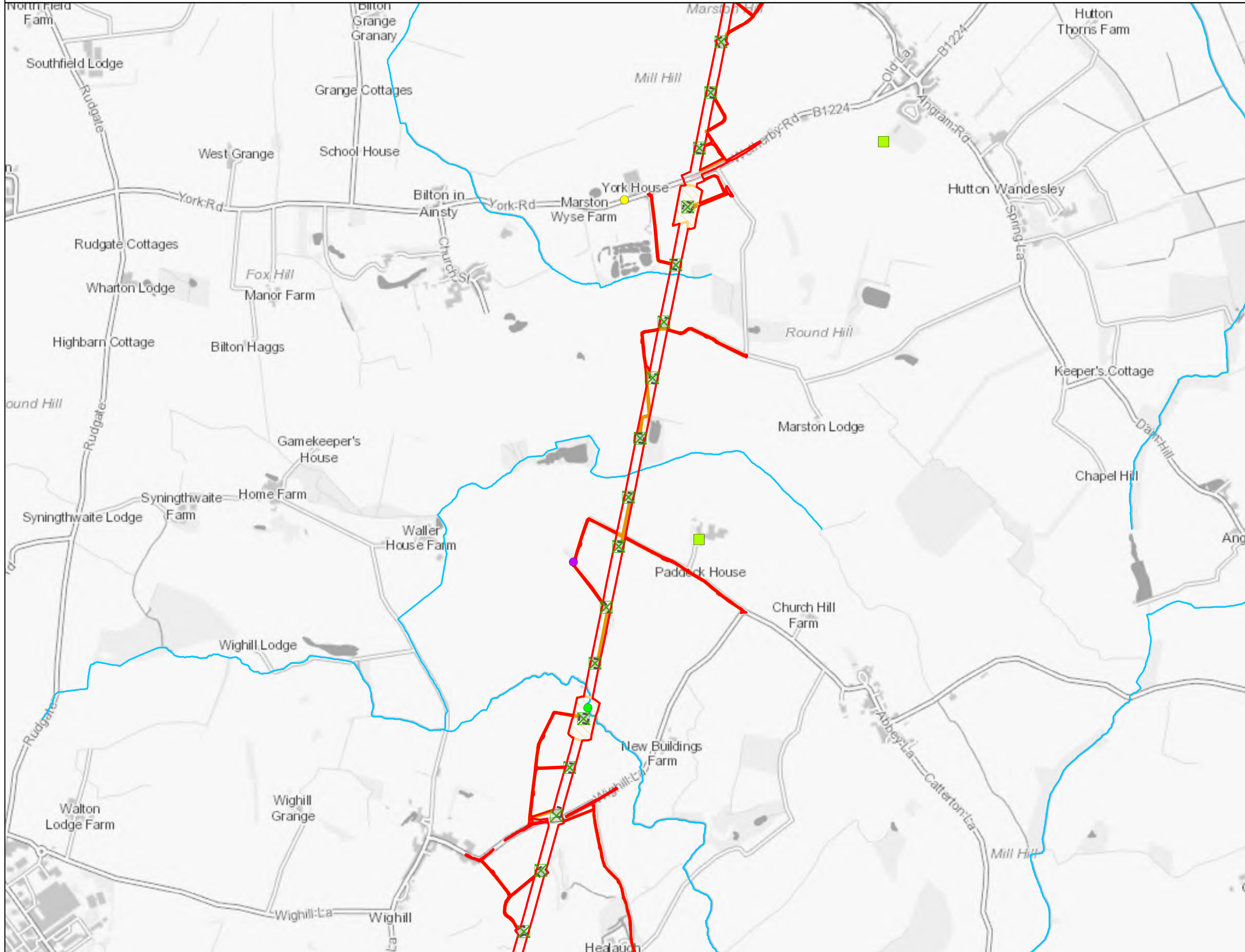
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**Drawing Reference**  
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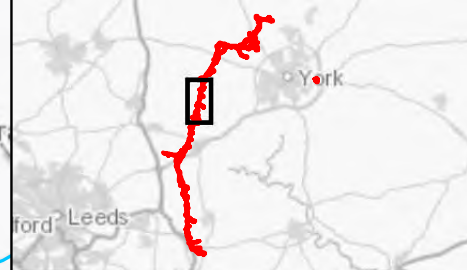
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 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.5(B) Abstractions and Discharges: Section C



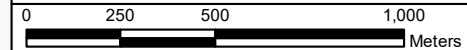
- Legend**
- ▭ Order Limits
  - Section Breaks (A to F)
  - Watercourse crossings**
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  - New bridge crossing
  - ▲ New culvert crossing
  - ⊗ Existing Lattice Pylon - To be Modified
  - Project infrastructure**
  - ▭ Existing substation
  - ▭ Proposed substation area
  - ▭ Indicative construction compounds
  - ▭ Indicative cable sealing end compound
  - ▭ Indicative stringing areas
  - ▭ Indicative working areas
  - ▭ Indicative visibility splays
  - ▭ Indicative access swathe
  - Discharges
  - EA licenced abstractions**
  - Licenced groundwater abstraction
  - ▲ Licenced surface water abstraction
  - EA Main Rivers
  - WFD Watercourses

Please note:  
 The data presented only shows licenced abstractions within 250m of the Order Limits.  
 Data was requested for the whole of the hydrology study area, but was not received.

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



Coordinate System: British National Grid  
 Sheet X Centroid Coordinate: 448,619.27 Sheet Y Centroid Coordinate: 448,933.45



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

**Title**  
 5.4.9, ES CHAPTER 9  
 HYDROLOGY  
 FIGURE 9.5(B)  
 ABSTRACTIONS AND DISCHARGES



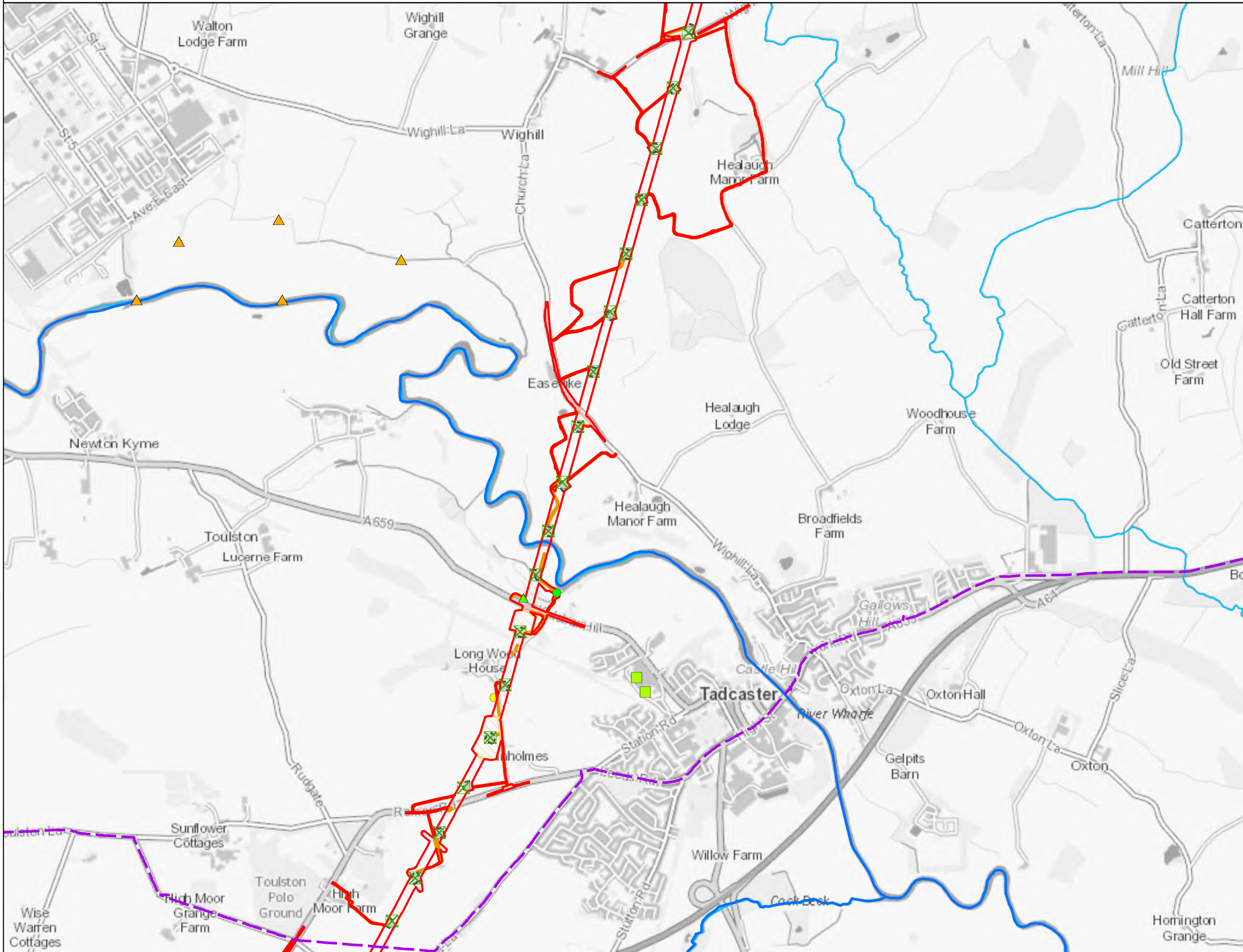
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Scale	Sheet Size	Sheet	Issue
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National Grid (Yorkshire Green Energy Enablement Project) Order  
 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.5(B) Abstractions and Discharges: Section C



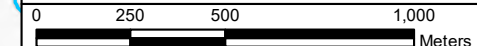
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- ▭ Order Limits
  - - - Section Breaks (A to F)
  - Watercourse crossings**
  - Existing crossing
  - ▲ New bridge crossing
  - ▲ New culvert crossing
  - ⊗ Existing Lattice Pylon - To be Modified
  - Project infrastructure**
  - Existing substation
  - Proposed substation area
  - Indicative construction compounds
  - Indicative cable sealing end compound
  - Indicative stringing areas
  - Indicative working areas
  - Indicative visibility splays
  - Indicative access swathe
  - Discharges
  - EA licenced abstractions**
  - Licenced groundwater abstraction
  - ▲ Licenced surface water abstraction
  - EA Main Rivers
  - WFD Watercourses

Please note:  
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 Data was requested for the whole of the hydrology study area, but was not received.

**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: 447,884.76 Sheet Y Centroid Coordinate: 444,641.53



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B	1 Nov 2022	For DCO Submission	COLLJ	DIMMR	CHADC
Issue	Date	Remarks	Drawn	Checked	Approved

**Title**

5.4.9, ES CHAPTER 9  
 HYDROLOGY  
 FIGURE 9.5(B)  
 ABSTRACTIONS AND DISCHARGES

**nationalgrid**

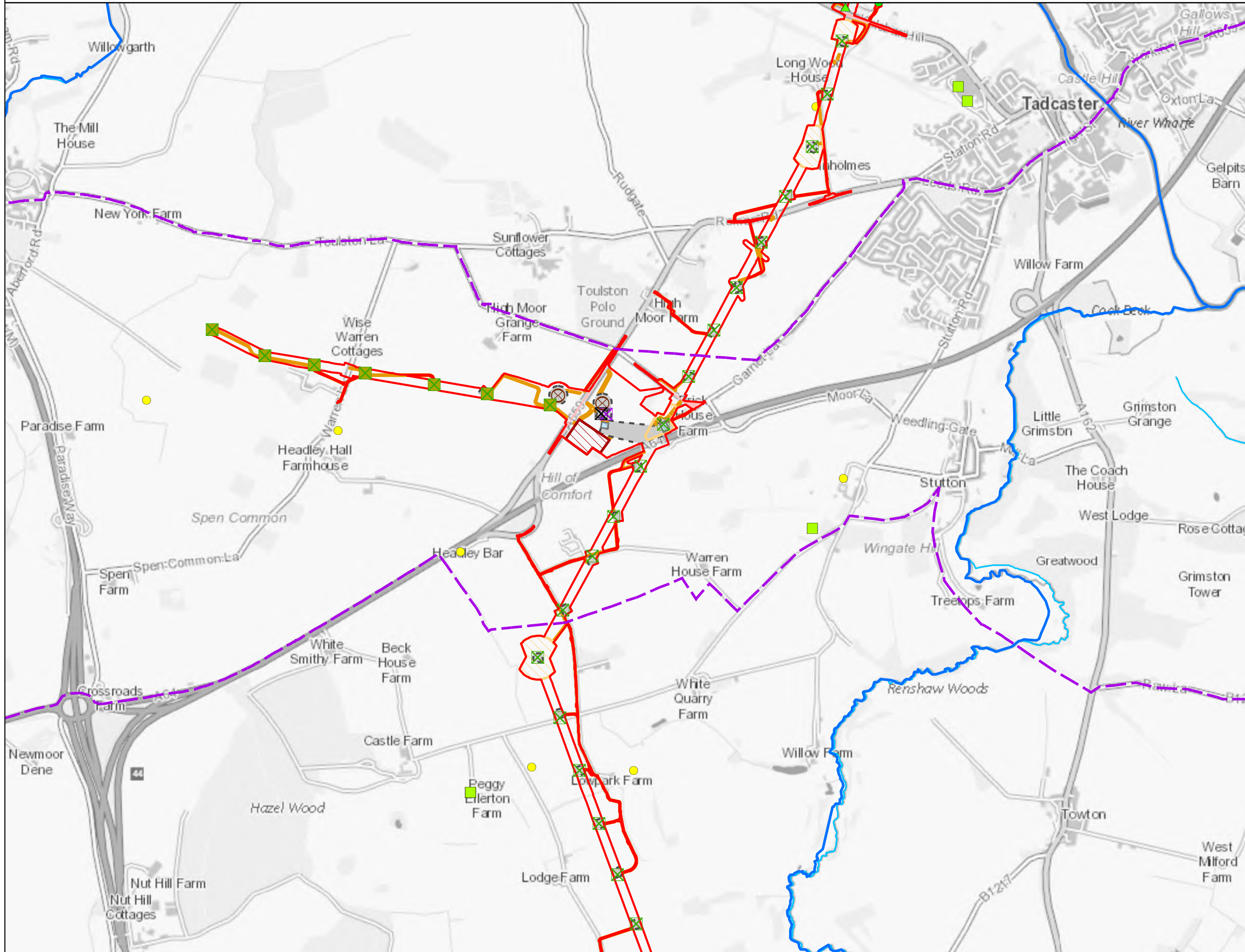
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Drawing Reference: 806503-WOOD-0222 B

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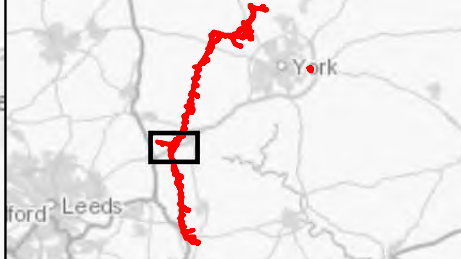
National Grid (Yorkshire Green Energy Enablement Project) Order  
 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.5(B) Abstractions and Discharges: Section D



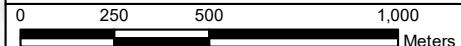
- Legend**
- Order Limits
  - Section Breaks (A to F)
  - Watercourse crossings**
  - Existing crossing
  - ▲ New bridge crossing
  - ▲ New culvert crossing
  - Existing Lattice Pylon - To be Modified
  - Existing Lattice Pylon - Not Affected
  - Existing Lattice Pylon - To be Dismantled
  - Indicative New Lattice Pylon
  - Indicative Temporary Pylon or Mast
  - Project infrastructure**
  - Existing substation
  - Proposed substation area
  - Indicative construction compounds
  - Indicative cable sealing end compound
  - Indicative stringing areas
  - Indicative working areas
  - Indicative visibility splays
  - Indicative access swathe
  - Discharges
  - EA licenced abstractions**
  - Licenced groundwater abstraction
  - ▲ Licenced surface water abstraction
  - EA Main Rivers
  - WFD Watercourses

Please note:  
 The data presented only shows licenced abstractions within 250m of the Order Limits. Data was requested for the whole of the hydrology study area, but was not received.

**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: 446,128.73 Sheet Y Centroid Coordinate: 441,402.51



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

**nationalgrid**

Figure Number: FIGURE 9.5(B)

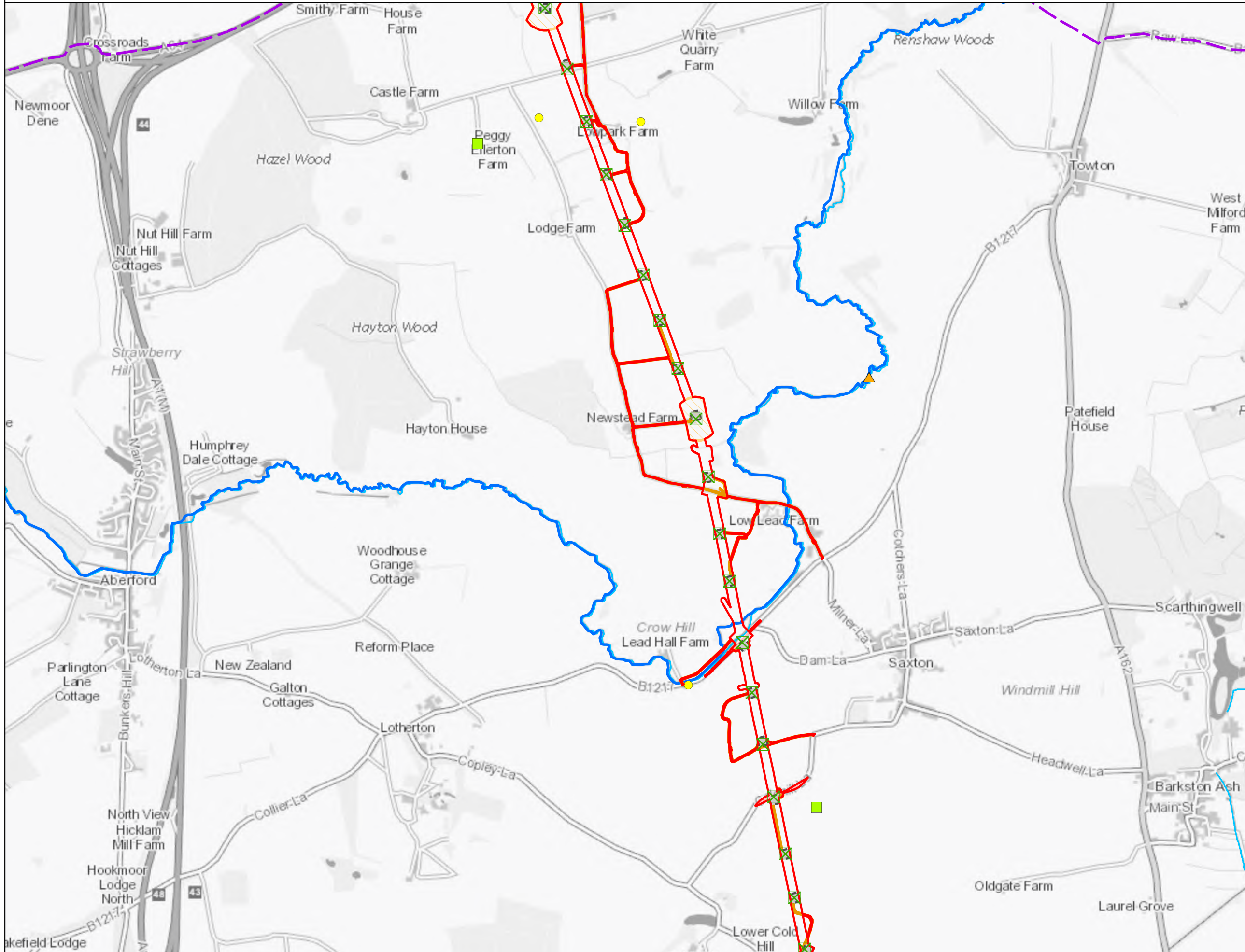
Drawing Reference: 806503-WOOD-0222 B

Scale	Sheet Size	Sheet	Issue
1:20,000	A3	SHEET 7 OF 10	B





National Grid (Yorkshire Green Energy Enablement Project) Order  
 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.5(B) Abstractions and Discharges: Section E

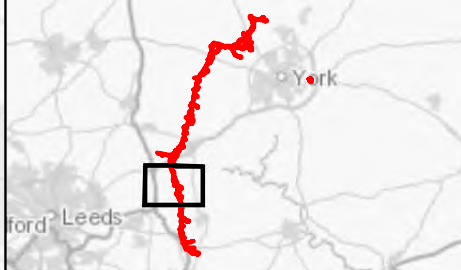


**Legend**

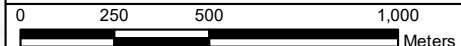
- ▭ Order Limits
- - - Section Breaks (A to F)
- Watercourse crossings**
- Existing crossing
- New bridge crossing
- ▲ New culvert crossing
- ⊗ Existing Lattice Pylon - To be Modified
- Project infrastructure**
- Existing substation
- Proposed substation area
- Indicative construction compounds
- Indicative cable sealing end compound
- Indicative stringing areas
- Indicative working areas
- Indicative visibility splays
- Indicative access swathe
- Discharges
- EA licenced abstractions**
- Licenced groundwater abstraction
- ▲ Licenced surface water abstraction
- EA Main Rivers
- WFD Watercourses

Please note:  
 The data presented only shows licenced abstractions within 250m of the Order Limits.  
 Data was requested for the whole of the hydrology study area, but was not received.

**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: 446,089.19 Sheet Y Centroid Coordinate: 437,844.58



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

**Title**  
 5.4.9, ES CHAPTER 9  
 HYDROLOGY  
 FIGURE 9.5(B)  
 ABSTRACTIONS AND DISCHARGES



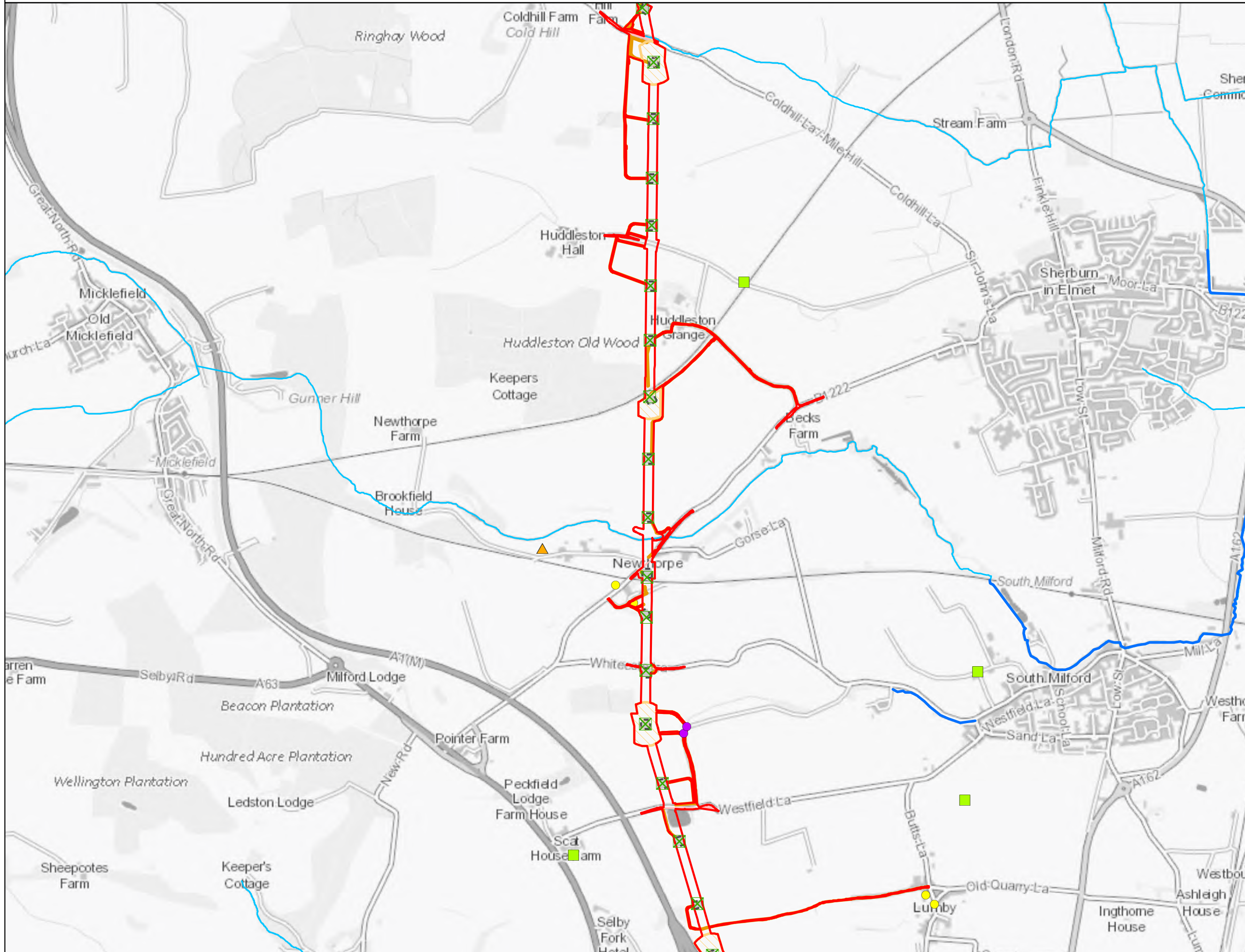
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 FIGURE 9.5(B)

**Drawing Reference**  
 806503-WOOD-0222 B

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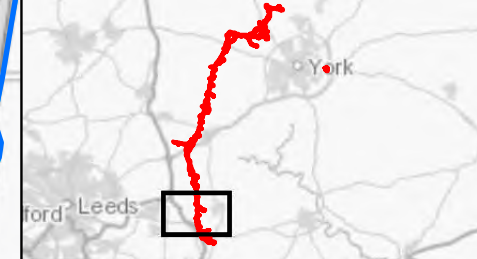
National Grid (Yorkshire Green Energy Enablement Project) Order  
 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.5(B) Abstractions and Discharges: Section E



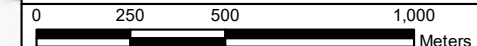
- Legend**
- ▭ Order Limits
  - Section Breaks (A to F)
  - Watercourse crossings**
  - Existing crossing
  - New bridge crossing
  - ▲ New culvert crossing
  - ⊠ Existing Lattice Pylon - To be Modified
  - Project infrastructure**
  - Existing substation
  - Proposed substation area
  - Indicative construction compounds
  - Indicative cable sealing end compound
  - Indicative stringing areas
  - Indicative working areas
  - Indicative visibility splays
  - Indicative access swathe
  - Discharges
  - EA licenced abstractions**
  - Licenced groundwater abstraction
  - ▲ Licenced surface water abstraction
  - EA Main Rivers
  - WFD Watercourses

Please note:  
 The data presented only shows licenced abstractions within 250m of the Order Limits. Data was requested for the whole of the hydrology study area, but was not received.

**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: 446,978.88 Sheet Y Centroid Coordinate: 432,685.59



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

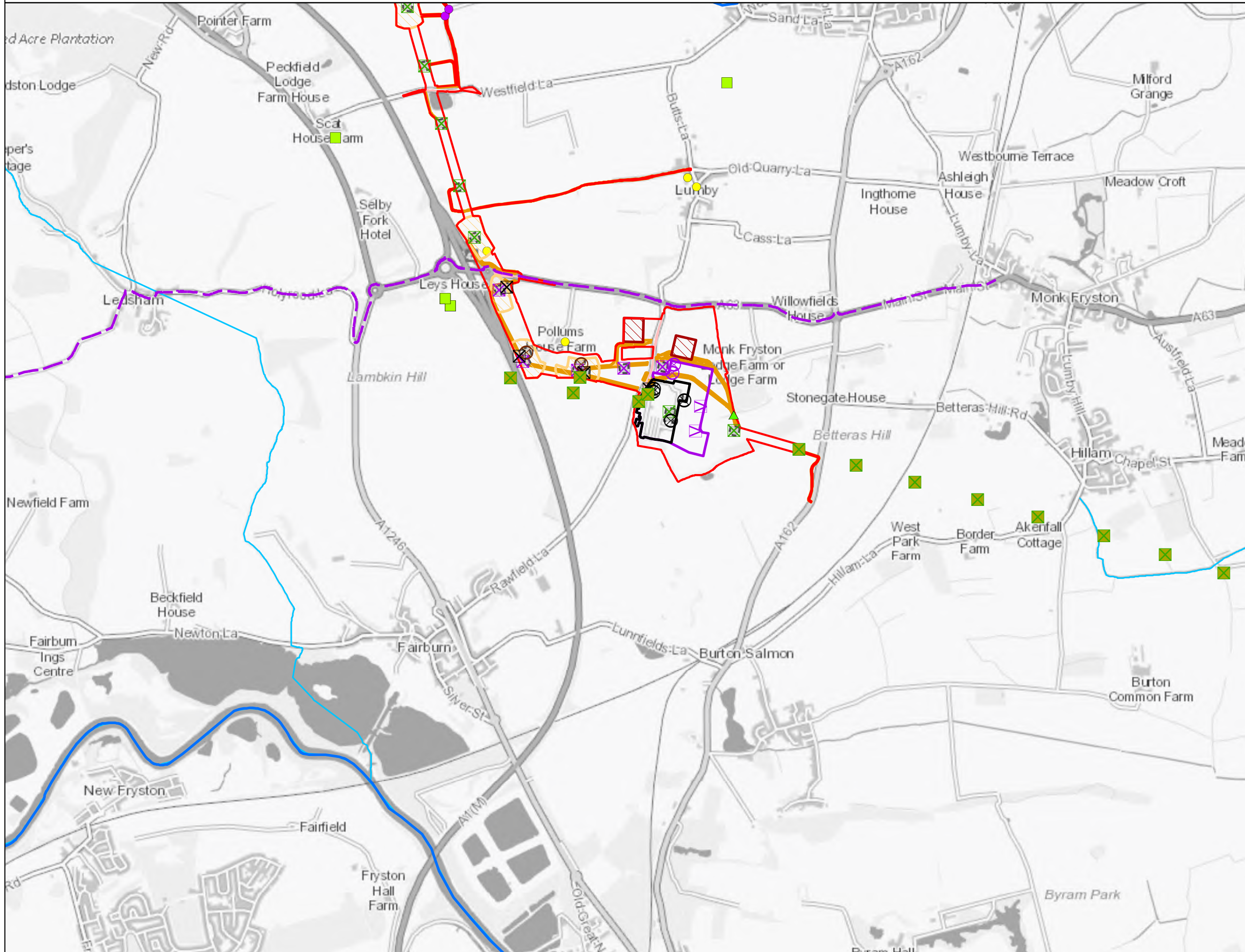
**Title**

5.4.9, ES CHAPTER 9  
 HYDROLOGY  
 FIGURE 9.5(B)  
 ABSTRACTIONS AND DISCHARGES

<b>nationalgrid</b>			
Figure Number	FIGURE 9.5(B)		
Drawing Reference	806503-WOOD-0222 B		
Scale	Sheet Size	Sheet	Issue
1:20,000	A3	SHEET 9 OF 10	B



National Grid (Yorkshire Green Energy Enablement Project) Order  
 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.5(B) Abstractions and Discharges: Section F



**Legend**

- Order Limits
- Section Breaks (A to F)
- Watercourse crossings**
  - Existing crossing
  - New bridge crossing
  - New culvert crossing
  - 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
  - Indicative Temporary Pylon or Mast
- Project infrastructure**
  - Existing substation
  - Proposed substation area
  - Indicative construction compounds
  - Indicative cable sealing end compound
  - Indicative stringing areas
  - Indicative working areas
  - Indicative visibility splays
  - Indicative access swathe
  - Discharges
- EA licenced abstractions**
  - Licenced groundwater abstraction
  - Licenced surface water abstraction
  - EA Main Rivers
  - WFD Watercourses

Please note:  
 The data presented only shows licenced abstractions within 250m of the Order Limits.  
 Data was requested for the whole of the hydrology study area, but was not received.

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



Coordinate System: British National Grid  
 Sheet X Centroid Coordinate: 448,283.25 Sheet Y Centroid Coordinate: 428,752.10  
 0 250 500 1,000 Meters

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

**Title**  
 5.4.9, ES CHAPTER 9  
 HYDROLOGY  
 FIGURE 9.5(B)  
 ABSTRACTIONS AND DISCHARGES

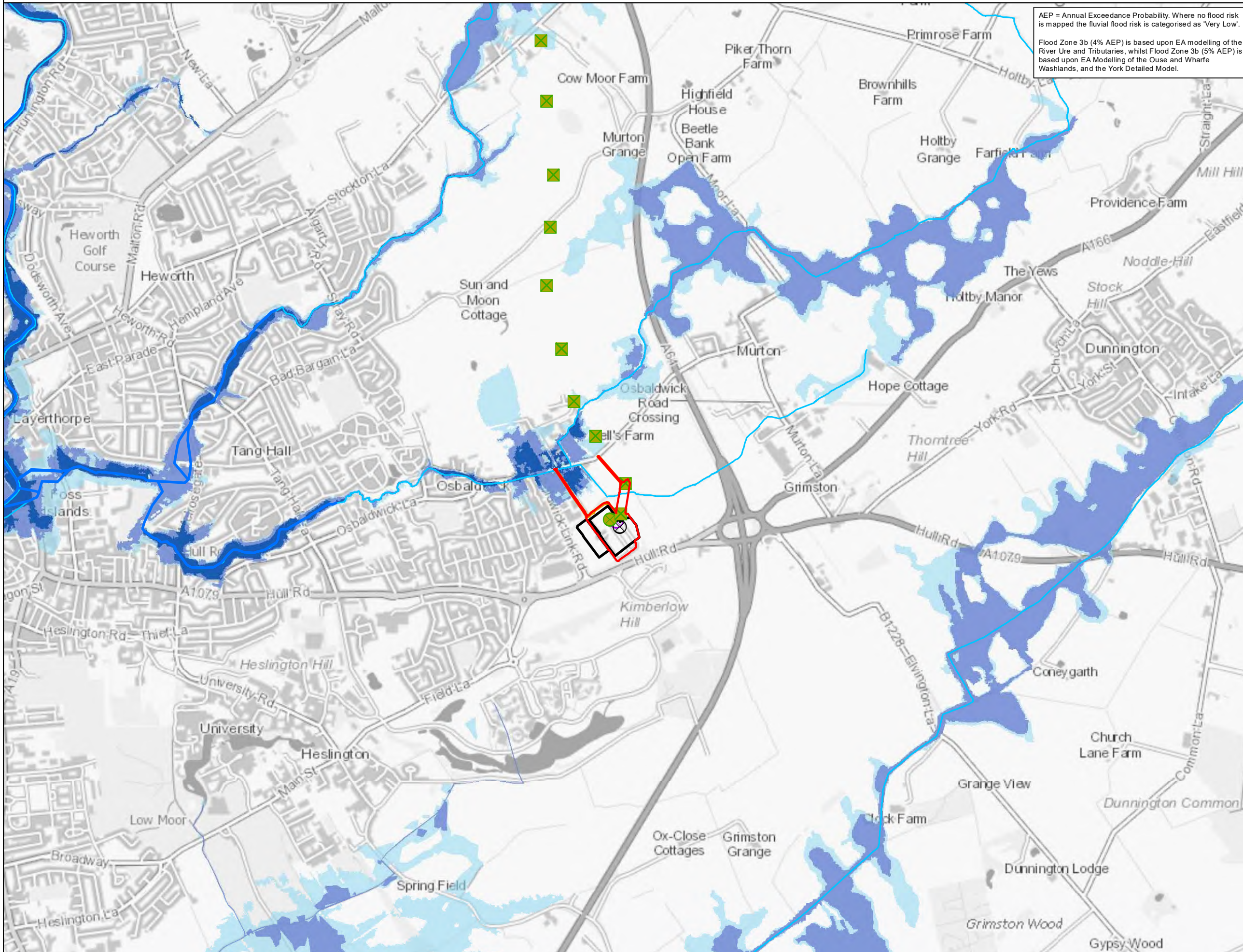
**nationalgrid**

Figure Number: FIGURE 9.5(B)  
 Drawing Reference: 806503-WOOD-0222 B

Scale	Sheet Size	Sheet	Issue
1:20,000	A3	SHEET 10 OF 10	B



National Grid (Yorkshire Green Energy Enablement Project) Order  
 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.6(B) Fluvial Flood Risk: Section A

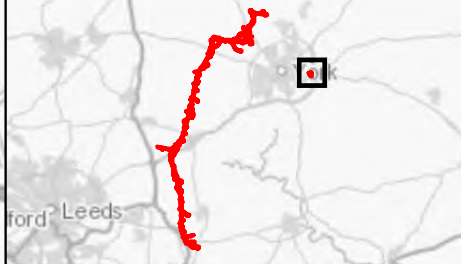


AEP = Annual Exceedance Probability. Where no flood risk is mapped the fluvial flood risk is categorised as 'Very Low'.  
 Flood Zone 3b (4% AEP) is based upon EA modelling of the River Ure and Tributaries, whilst Flood Zone 3b (5% AEP) is based upon EA Modelling of the Ouse and Wharfe Washlands, and the York Detailed Model.

**Legend**

- Order Limits
- Watercourse crossings**
  - Existing crossing
  - New bridge crossing
  - New culvert crossing
  - Section Breaks (A to F)
  - Existing Lattice Pylon - Not Affected
  - Existing Gantry - Not Affected
  - Existing Gantry - To be Dismantled
  - Indicative New Gantry
- Project infrastructure**
  - Existing substation
  - Proposed substation area
  - Indicative construction compounds
  - Indicative cable sealing end compounds
  - Indicative stringing areas
  - Indicative working areas
  - Indicative visibility splays
  - Indicative access swathe
  - EA Main Rivers
  - WFD Watercourses
- Flood Zones**
  - Flood Zone 3b (4% AEP)
  - Flood Zone 3b (5% AEP)
  - Flood Zone 3 (1% AEP)
  - Flood Zone 2 (0.1% AEP)

**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: 484,313.88 Sheet Y Centroid Coordinate: 451,918.16

0 250 500 1,000 Meters

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Issue	Date	Remarks	Drawn	Checked	Approved

**Title**  
 5.4.9, ES CHAPTER 9  
 HYDROLOGY  
 FIGURE 9.6(B)  
 FLUVIAL FLOOD RISK

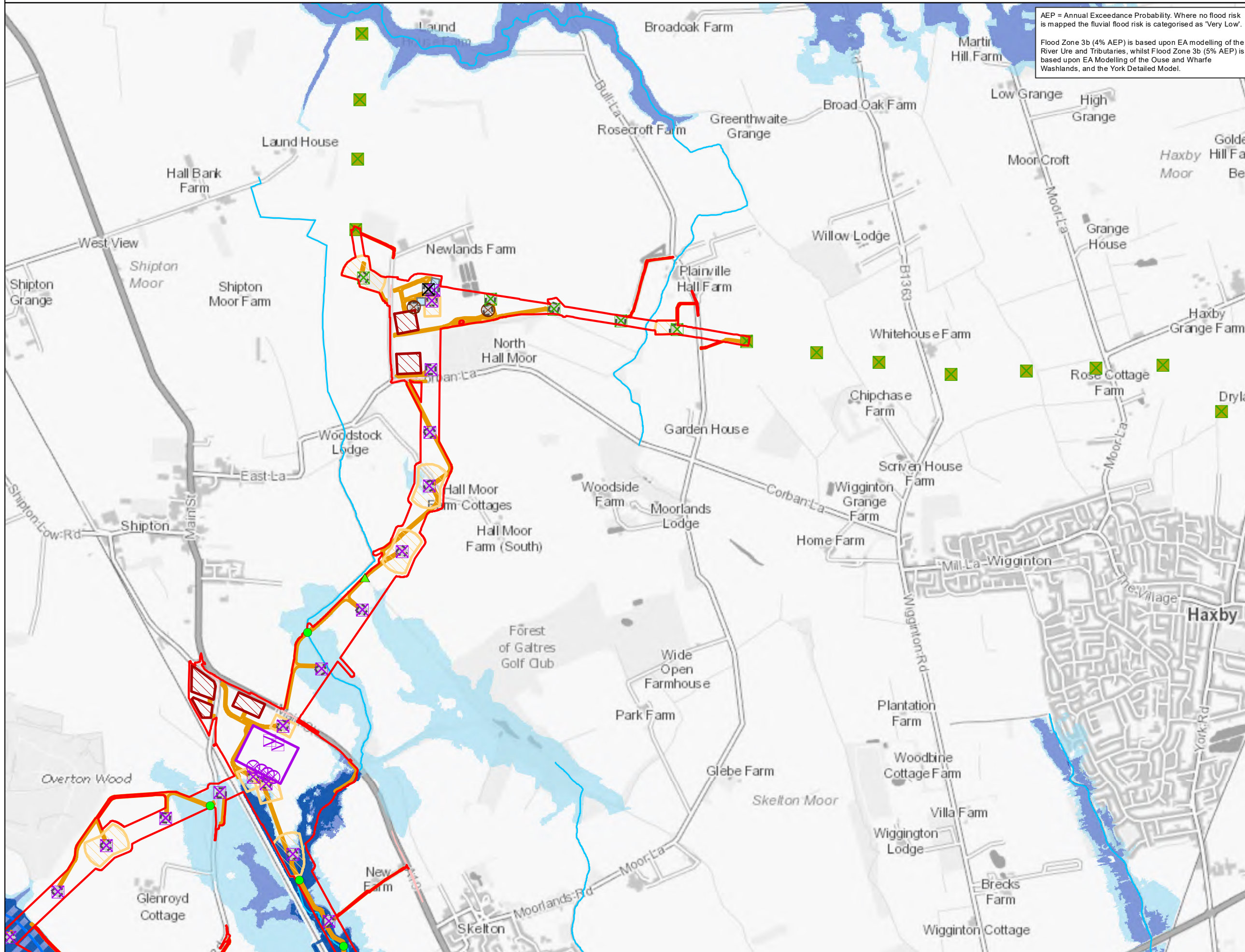
**nationalgrid**

Figure Number: FIGURE 9.6(B)  
 Drawing Reference: 806503-WOOD-0223 B

Scale	Sheet Size	Sheet	Issue
1:20,000	A3	SHEET 1 OF 10	B



National Grid (Yorkshire Green Energy Enablement Project) Order  
 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.6(B) Fluvial Flood Risk: Section B



AEP = Annual Exceedance Probability. Where no flood risk is mapped the fluvial flood risk is categorised as 'Very Low'.  
 Flood Zone 3b (4% AEP) is based upon EA modelling of the River Ure and Tributaries, whilst Flood Zone 3b (5% AEP) is based upon EA Modelling of the Ouse and Wharfe Washlands, and the York Detailed Model.

**Legend**

- Order Limits
- Watercourse crossings**
  - Existing crossing
  - New bridge crossing
  - New culvert crossing
  - Section Breaks (A to F)
  - Existing Lattice Pylon - To be Modified
  - Existing Lattice Pylon - Not Affected
  - Existing Lattice Pylon - To be Dismantled
  - Indicative New Lattice Pylon
  - Indicative New Gantry
  - Indicative New Full Line Tension Gantry
  - Indicative Temporary Pylon or Mast
- Project infrastructure**
  - Existing substation
  - Proposed substation area
  - Indicative construction compounds
  - Indicative cable sealing end compounds
  - Indicative stringing areas
  - Indicative working areas
  - Indicative visibility splays
  - Indicative access swathe
  - EA Main Rivers
  - WFD Watercourses
- Flood Zones**
  - Flood Zone 3b (4% AEP)
  - Flood Zone 3b (5% AEP)
  - Flood Zone 3 (1% AEP)
  - Flood Zone 2 (0.1% AEP)

**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: 457,691.99 Sheet Y Centroid Coordinate: 458,895.64  
 0 250 500 1,000 Meters

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B	28/07/23	For DCO Deadline Six	BERNB	DIMMR	CHADC
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Issue	Date	Remarks	Drawn	Checked	Approved

**Title**  
 5.4.9, ES CHAPTER 9  
 HYDROLOGY  
 FIGURE 9.6(B)  
 FLUVIAL FLOOD RISK

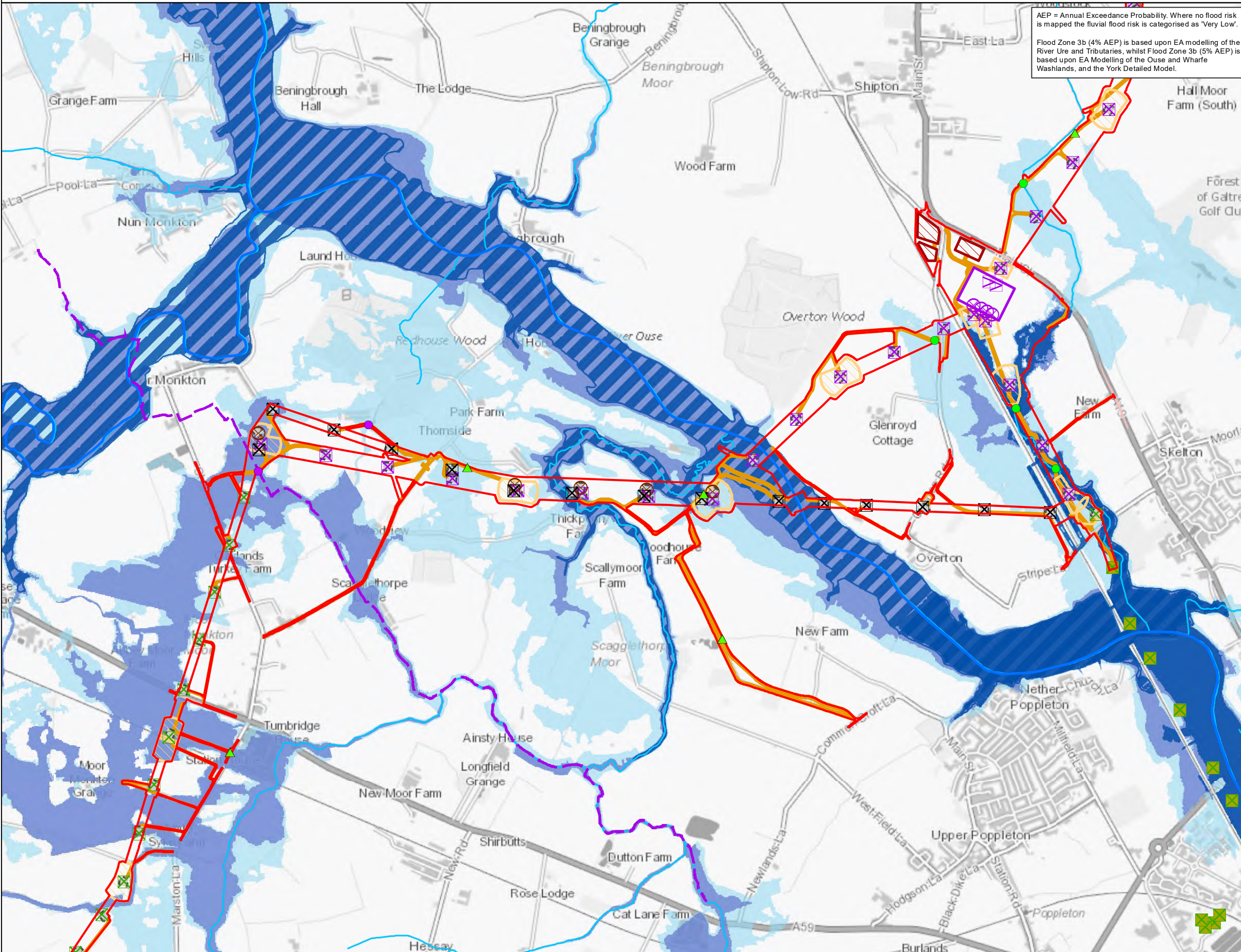
**nationalgrid**

Figure Number: FIGURE 9.6(B)  
 Drawing Reference: 806503-WOOD-0223 B

Scale	Sheet Size	Sheet	Issue
1:20,000	A3	SHEET 2 OF 10	B



National Grid (Yorkshire Green Energy Enablement Project) Order  
 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.6(B) Fluvial Flood Risk: Section B



AEP = Annual Exceedance Probability. Where no flood risk is mapped the fluvial flood risk is categorised as 'Very Low'.  
 Flood Zone 3b (4% AEP) is based upon EA modelling of the River Ure and Tributaries, whilst Flood Zone 3b (5% AEP) is based upon EA Modelling of the Ouse and Wharfe Washlands, and the York Detailed Model.

- Legend**
- Order Limits
  - Watercourse crossings**
  - Existing crossing
  - New bridge crossing
  - ▲ New culvert crossing
  - Section Breaks (A to F)
  - X Existing Lattice Pylon - To be Modified
  - Existing Lattice Pylon - Not Affected
  - X Existing Lattice Pylon - To be Dismantled
  - X Indicative New Lattice Pylon
  - X Indicative New Gantry
  - X Indicative New Full Line Tension Gantry
  - X Indicative Temporary Pylon or Mast
  - Project infrastructure**
  - Existing substation
  - Proposed substation area
  - Indicative construction compounds
  - Indicative cable sealing end compounds
  - Indicative stringing areas
  - Indicative working areas
  - Indicative visibility splays
  - Indicative access swathe
  - EA Main Rivers
  - WFD Watercourses
  - Flood Zones**
  - Flood Zone 3b (4% AEP)
  - Flood Zone 3b (5% AEP)
  - Flood Zone 3 (1% AEP)
  - Flood Zone 2 (0.1% AEP)

**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: 453,530.19 Sheet Y Centroid Coordinate: 456,270.93  
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 Meters

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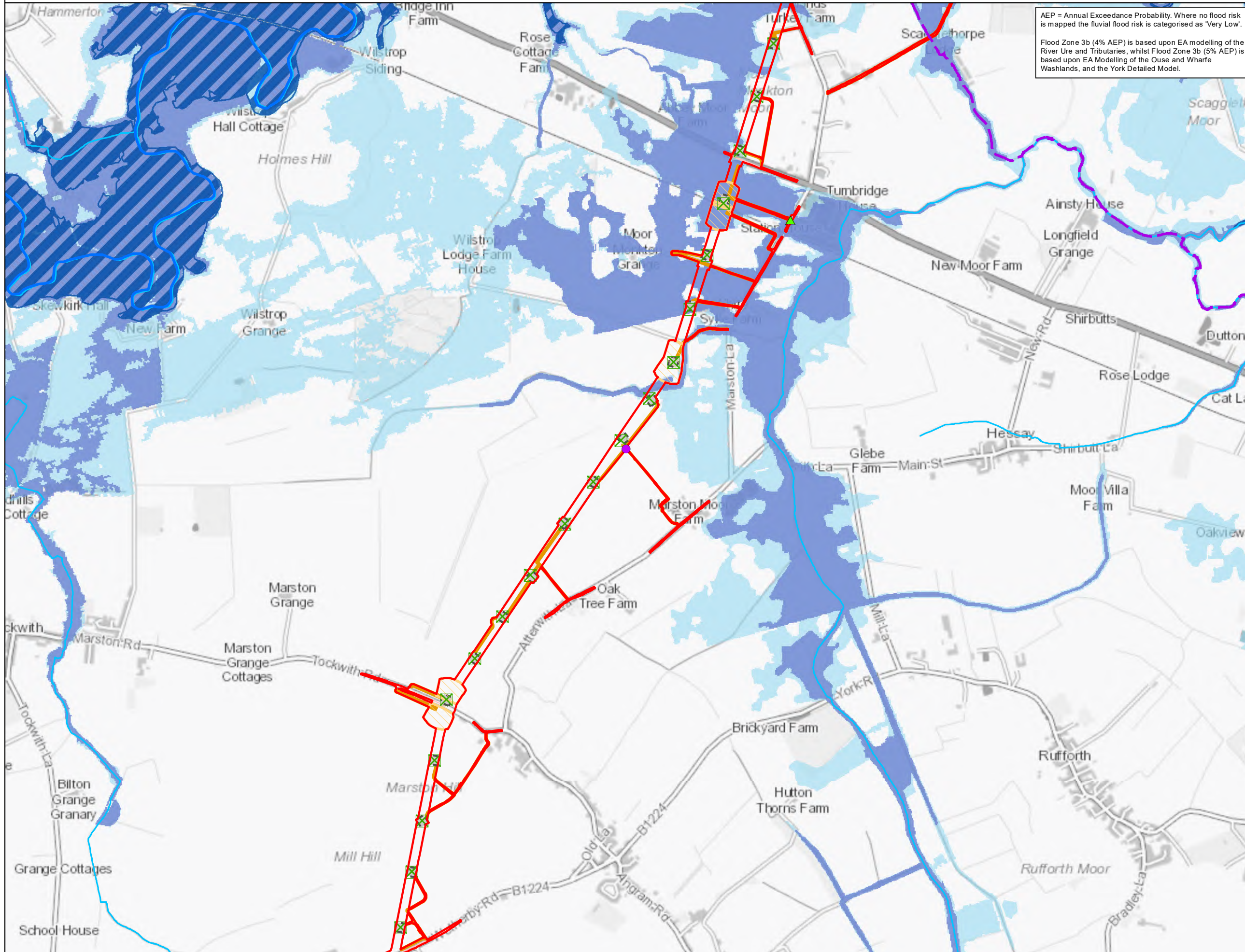
B	28/07/23	For DCO Deadline Six	BERNB	DIMMR	CHADC
A	1 Nov 2022	For DCO Submission	COLLJ	DIMMR	CHADC
Issue	Date	Remarks	Drawn	Checked	Approved

**Title**  
 5.4.9, ES CHAPTER 9  
 HYDROLOGY  
 FIGURE 9.6(B)  
 FLUVIAL FLOOD RISK

<b>nationalgrid</b>			
Figure Number	FIGURE 9.6(B)		
Drawing Reference	806503-WOOD-0223 B		
Scale	Sheet Size	Sheet	Issue
1:22,000	A3	SHEET 3 OF 10	B



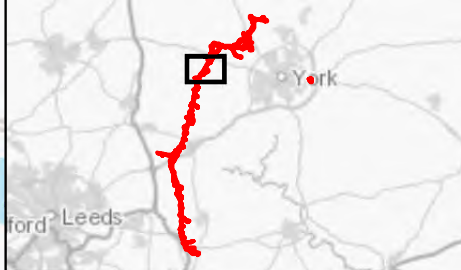
National Grid (Yorkshire Green Energy Enablement Project) Order  
 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.6(B) Fluvial Flood Risk: Section C



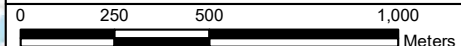
AEP = Annual Exceedance Probability. Where no flood risk is mapped the fluvial flood risk is categorised as 'Very Low'.  
 Flood Zone 3b (4% AEP) is based upon EA modelling of the River Ure and Tributaries, whilst Flood Zone 3b (5% AEP) is based upon EA Modelling of the Ouse and Wharfe Washlands, and the York Detailed Model.

- Legend**
- Order Limits
  - Watercourse crossings**
    - Existing crossing
    - New bridge crossing
    - ▲ New culvert crossing
    - Section Breaks (A to F)
    - ⊗ Existing Lattice Pylon - To be Modified
  - Project infrastructure**
    - Existing substation
    - Proposed substation area
    - Indicative construction compounds
    - Indicative cable sealing end compounds
    - Indicative stringing areas
    - Indicative working areas
    - Indicative visibility splays
    - Indicative access swathe
    - EA Main Rivers
    - WFD Watercourses
  - Flood Zones**
    - Flood Zone 3b (4% AEP)
    - Flood Zone 3b (5% AEP)
    - Flood Zone 3 (1% AEP)
    - Flood Zone 2 (0.1% AEP)

**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: 450,259.87 Sheet Y Centroid Coordinate: 453,202.96



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Issue	Date	Remarks	Drawn	Checked	Approved

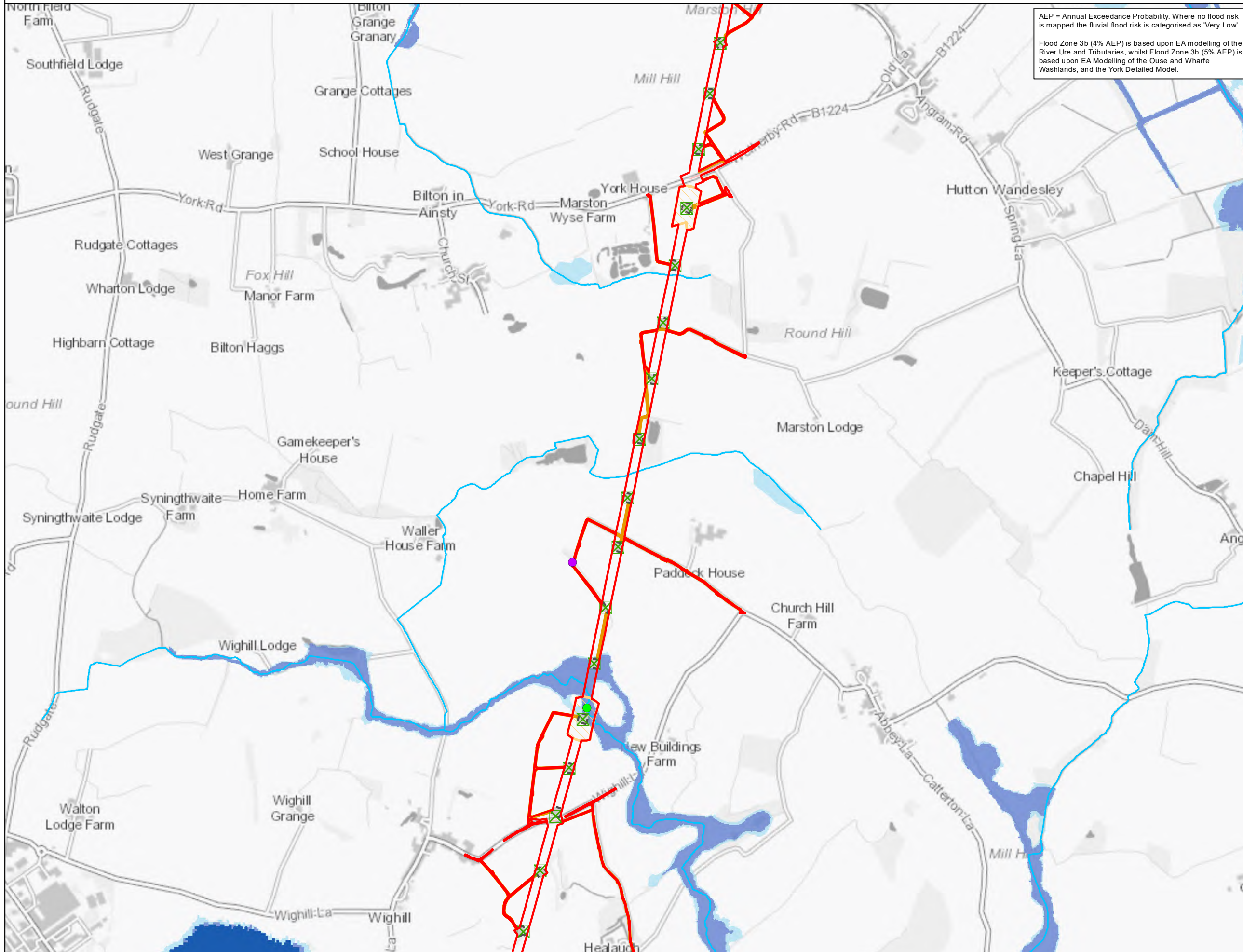
**Title**

5.4.9, ES CHAPTER 9  
 HYDROLOGY  
 FIGURE 9.6(B)  
 FLUVIAL FLOOD RISK

<b>nationalgrid</b>			
Figure Number	FIGURE 9.6(B)		
Drawing Reference	806503-WOOD-0223 B		
Scale	Sheet Size	Sheet	Issue
1:20,000	A3	SHEET 4 OF 10	B



National Grid (Yorkshire Green Energy Enablement Project) Order  
 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.6(B) Fluvial Flood Risk: Section C



AEP = Annual Exceedance Probability. Where no flood risk is mapped the fluvial flood risk is categorised as 'Very Low'.  
 Flood Zone 3b (4% AEP) is based upon EA modelling of the River Ure and Tributaries, whilst Flood Zone 3b (5% AEP) is based upon EA Modelling of the Ouse and Wharfe Washlands, and the York Detailed Model.

**Legend**

- Order Limits
- Watercourse crossings**
- Existing crossing
- ▲ New bridge crossing
- ▲ New culvert crossing
- Section Breaks (A to F)
- Existing Lattice Pylon - To be Modified
- Project infrastructure**
- Existing substation
- Proposed substation area
- Indicative construction compounds
- Indicative cable sealing end compounds
- Indicative stringing areas
- Indicative working areas
- Indicative visibility splays
- Indicative access swathe
- EA Main Rivers
- WFD Watercourses
- Flood Zones**
- Flood Zone 3b (4% AEP)
- Flood Zone 3b (5% AEP)
- Flood Zone 3 (1% AEP)
- Flood Zone 2 (0.1% AEP)

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



Coordinate System: British National Grid  
 Sheet X Centroid Coordinate: 448,619.27 Sheet Y Centroid Coordinate: 448,933.45

0 250 500 1,000  
 Meters

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Issue	Date	Remarks	Drawn	Checked	Approved

Title

**5.4.9, ES CHAPTER 9  
 HYDROLOGY  
 FIGURE 9.6(B)  
 FLUVIAL FLOOD RISK**

**nationalgrid**

Figure Number: FIGURE 9.6(B)

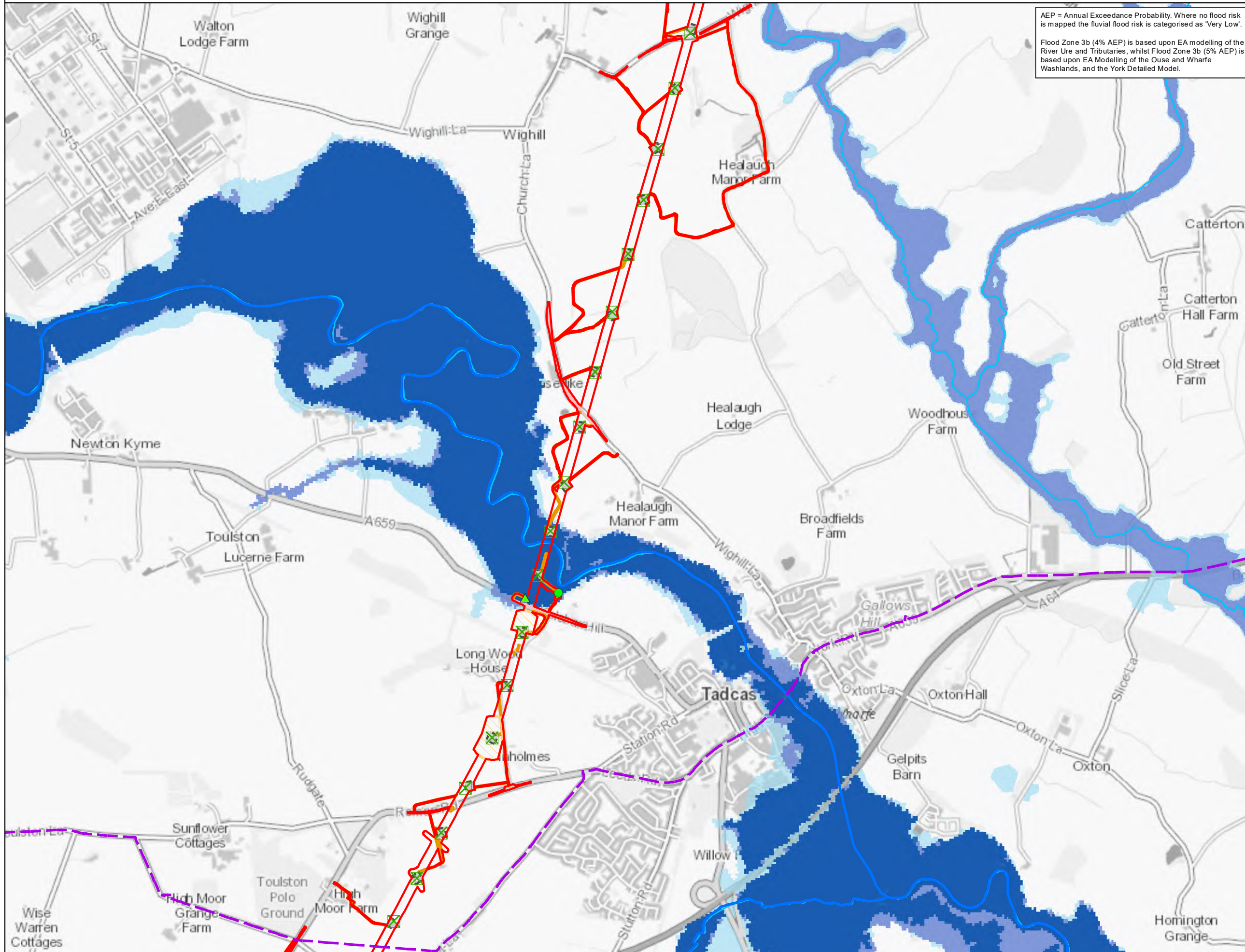
Drawing Reference: 806503-WOOD-0223 B

Scale	Sheet Size	Sheet	Issue
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National Grid (Yorkshire Green Energy Enablement Project) Order  
 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.6(B) Fluvial Flood Risk: Section C

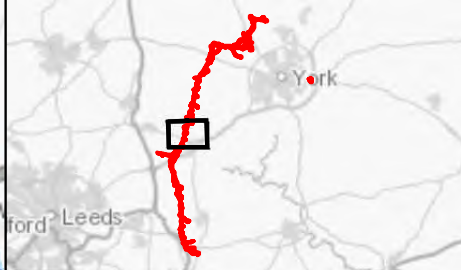


AEP = Annual Exceedance Probability. Where no flood risk is mapped the fluvial flood risk is categorised as 'Very Low'.  
 Flood Zone 3b (4% AEP) is based upon EA modelling of the River Ure and Tributaries, whilst Flood Zone 3b (5% AEP) is based upon EA Modelling of the Ouse and Wharfe Washlands, and the York Detailed Model.

**Legend**

- Order Limits
- Watercourse crossings**
  - Existing crossing
  - New bridge crossing
  - ▲ New culvert crossing
  - Section Breaks (A to F)
  - ⊗ Existing Lattice Pylon - To be Modified
- Project infrastructure**
  - Existing substation
  - Proposed substation area
  - Indicative construction compounds
  - Indicative cable sealing end compounds
  - Indicative stringing areas
  - Indicative working areas
  - Indicative visibility splays
  - Indicative access swathe
  - EA Main Rivers
  - WFD Watercourses
- Flood Zones**
  - Flood Zone 3b (4% AEP)
  - Flood Zone 3b (5% AEP)
  - Flood Zone 3 (1% AEP)
  - Flood Zone 2 (0.1% AEP)

**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: 447,884.76 Sheet Y Centroid Coordinate: 444,641.53  
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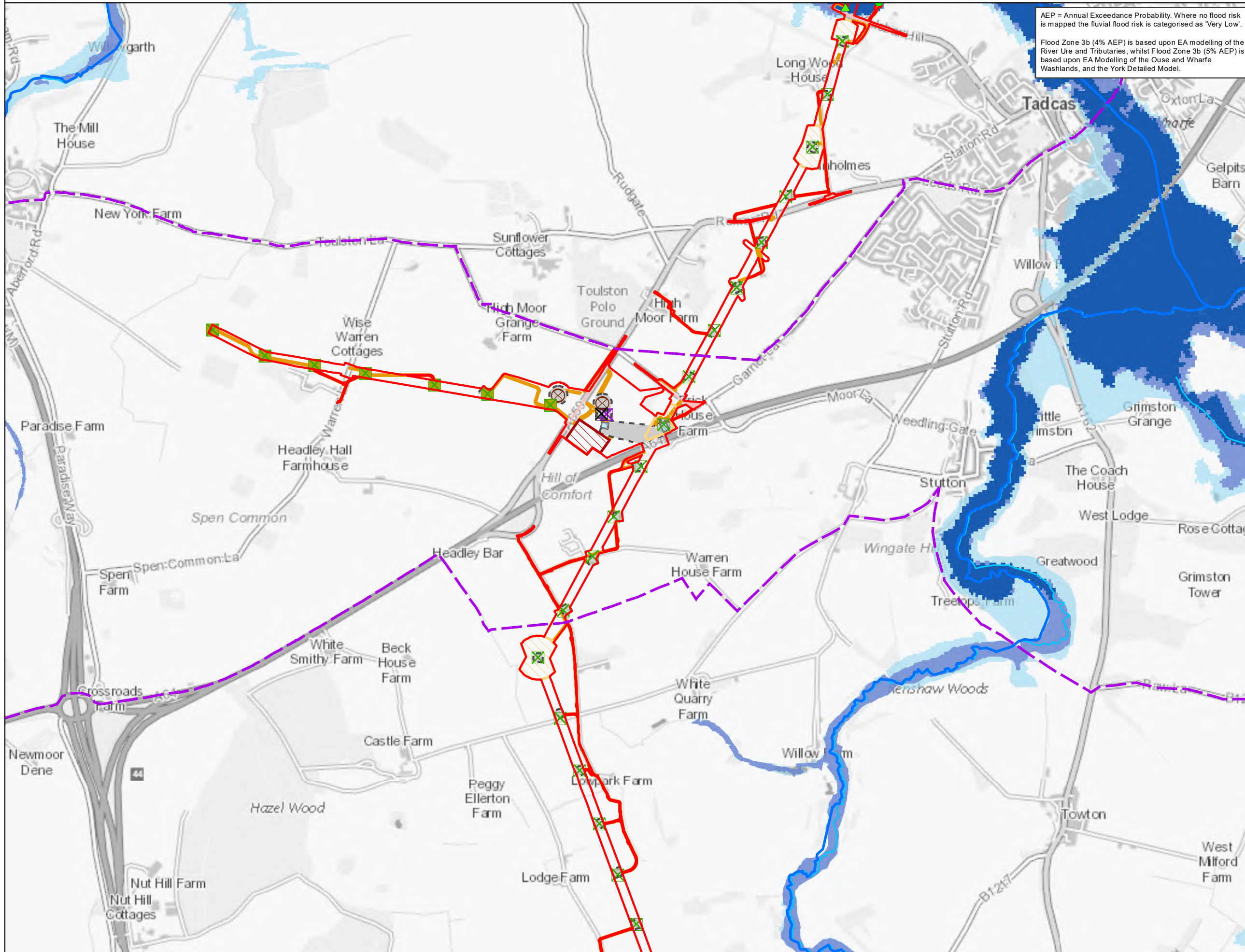
**Title**  
 5.4.9, ES CHAPTER 9  
 HYDROLOGY  
 FIGURE 9.6(B)  
 FLUVIAL FLOOD RISK

**nationalgrid**

Figure Number: FIGURE 9.6(B)  
 Drawing Reference: 806503-WOOD-0223 B  
 Scale: 1:20,000 | Sheet Size: A3 | Sheet: SHEET 6 OF 10 | Issue: B



National Grid (Yorkshire Green Energy Enablement Project) Order  
 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.6(B) Fluvial Flood Risk: Section D

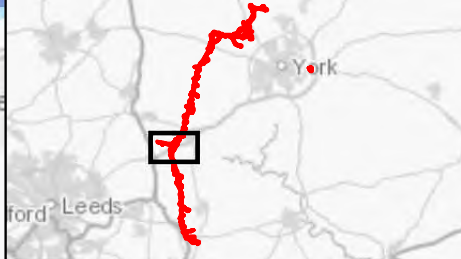


AEP = Annual Exceedance Probability. Where no flood risk is mapped the fluvial flood risk is categorised as 'Very Low'.  
 Flood Zone 3b (4% AEP) is based upon EA modelling of the River Ure and Tributaries, whilst Flood Zone 3b (5% AEP) is based upon EA Modelling of the Ouse and Wharfe Washlands, and the York Detailed Model.

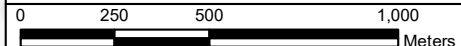
**Legend**

- Order Limits
- Watercourse crossings**
  - Existing crossing
  - New bridge crossing
  - New culvert crossing
- Section Breaks (A to F)
- 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
- Project infrastructure**
  - Existing substation
  - Proposed substation area
  - Indicative construction compounds
  - Indicative cable sealing end compounds
  - Indicative stringing areas
  - Indicative working areas
  - Indicative visibility splays
  - Indicative access swathe
- EA Main Rivers
- WFD Watercourses
- Flood Zones**
  - Flood Zone 3b (4% AEP)
  - Flood Zone 3b (5% AEP)
  - Flood Zone 3 (1% AEP)
  - Flood Zone 2 (0.1% AEP)

**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: 446,128.73 Sheet Y Centroid Coordinate: 441,402.51



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Title  
 5.4.9, ES CHAPTER 9  
 HYDROLOGY  
 FIGURE 9.6(B)  
 FLUVIAL FLOOD RISK

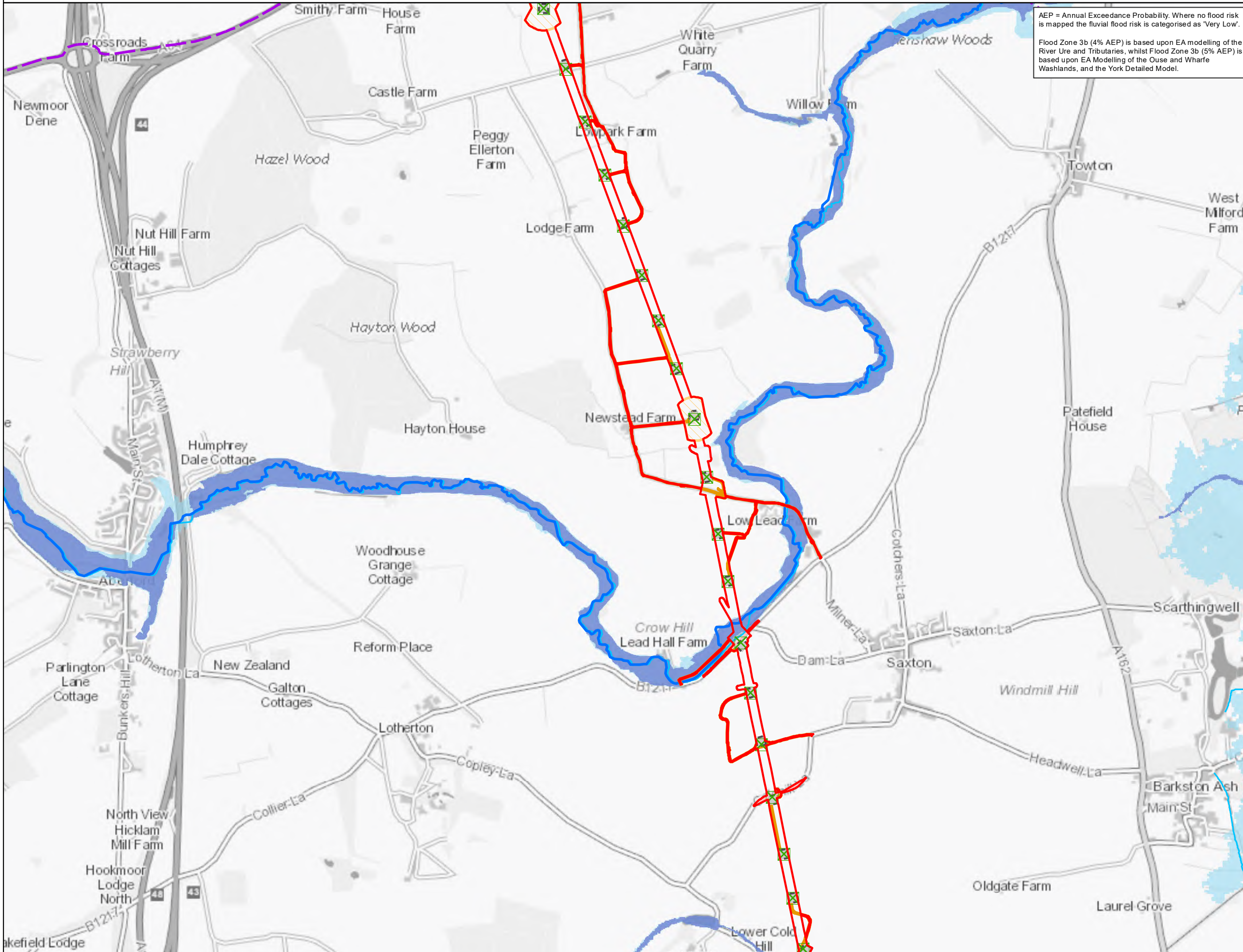
**nationalgrid**

Figure Number: FIGURE 9.6(B)  
 Drawing Reference: 806503-WOOD-0223 B

Scale	Sheet Size	Sheet	Issue
1:20,000	A3	SHEET 7 OF 10	B



National Grid (Yorkshire Green Energy Enablement Project) Order  
 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.6(B) Fluvial Flood Risk: Section E

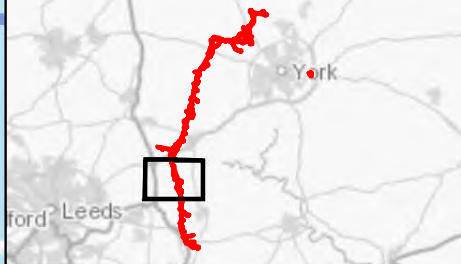


AEP = Annual Exceedance Probability. Where no flood risk is mapped the fluvial flood risk is categorised as 'Very Low'.  
 Flood Zone 3b (4% AEP) is based upon EA modelling of the River Ure and Tributaries, whilst Flood Zone 3b (5% AEP) is based upon EA Modelling of the Ouse and Wharfe Washlands, and the York Detailed Model.

**Legend**

- Order Limits
- Watercourse crossings**
  - Existing crossing
  - New bridge crossing
  - New culvert crossing
  - Section Breaks (A to F)
  - Existing Lattice Pylon - To be Modified
- Project infrastructure**
  - Existing substation
  - Proposed substation area
  - Indicative construction compounds
  - Indicative cable sealing end compounds
  - Indicative stringing areas
  - Indicative working areas
  - Indicative visibility splays
  - Indicative access swathe
  - EA Main Rivers
  - WFD Watercourses
- Flood Zones**
  - Flood Zone 3b (4% AEP)
  - Flood Zone 3b (5% AEP)
  - Flood Zone 3 (1% AEP)
  - Flood Zone 2 (0.1% AEP)

**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: 446,089.19 Sheet Y Centroid Coordinate: 437,844.58  
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 Meters

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Issue	Date	Remarks	Drawn	Checked	Approved

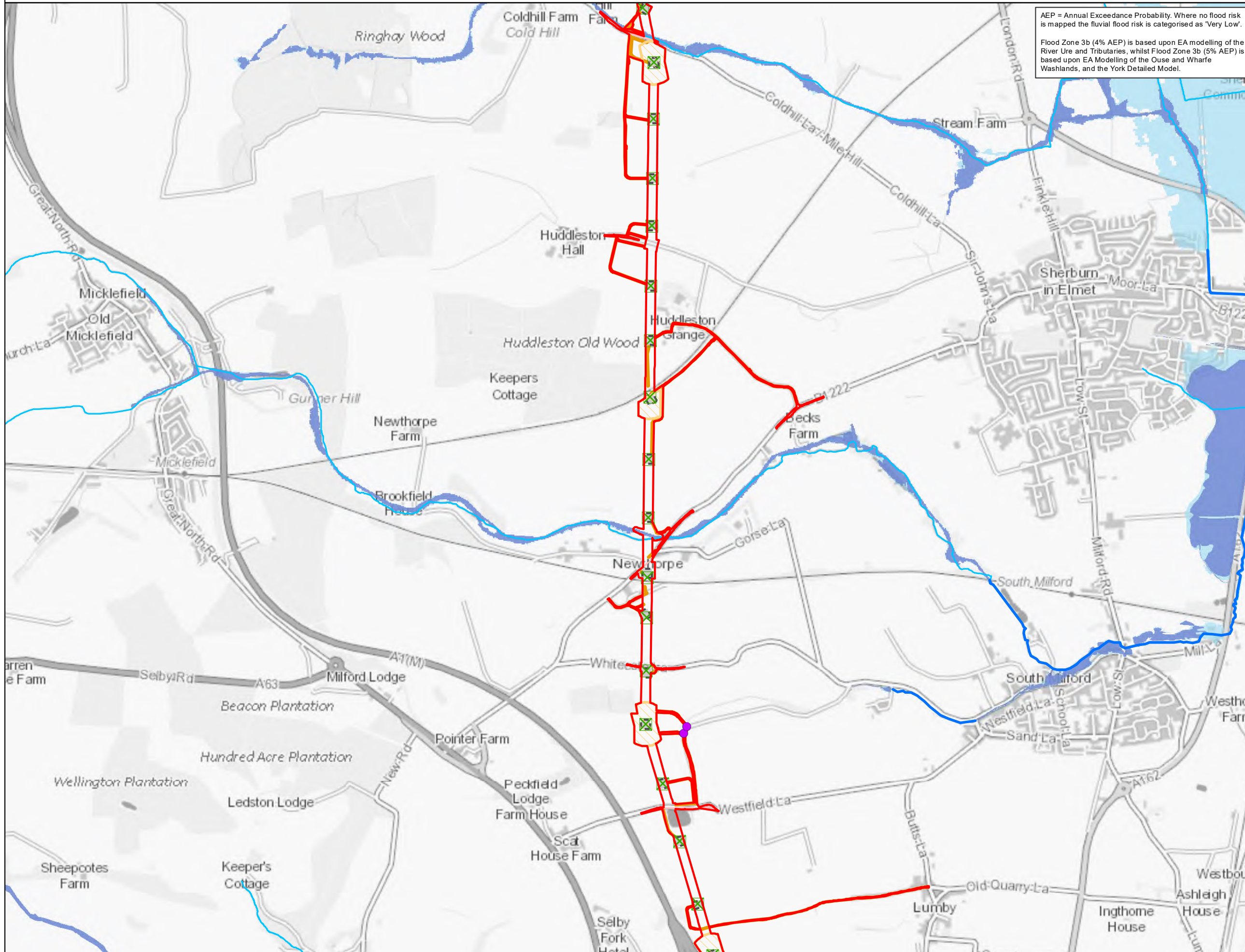
**Title**  
 5.4.9, ES CHAPTER 9  
 HYDROLOGY  
 FIGURE 9.6(B)  
 FLUVIAL FLOOD RISK

**nationalgrid**

Figure Number: FIGURE 9.6(B)  
 Drawing Reference: 806503-WOOD-0223 B  
 Scale: 1:20,000 | Sheet Size: A3 | Sheet: SHEET 8 OF 10 | Issue: B



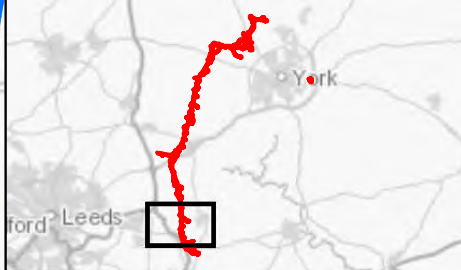
National Grid (Yorkshire Green Energy Enablement Project) Order  
 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.6(B) Fluvial Flood Risk: Section E



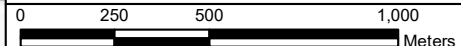
AEP = Annual Exceedance Probability. Where no flood risk is mapped the fluvial flood risk is categorised as 'Very Low'.  
 Flood Zone 3b (4% AEP) is based upon EA modelling of the River Ure and Tributaries, whilst Flood Zone 3b (5% AEP) is based upon EA Modelling of the Ouse and Wharfe Washlands, and the York Detailed Model.

- Legend**
- Order Limits
  - Watercourse crossings**
    - Existing crossing
    - New bridge crossing
    - ▲ New culvert crossing
    - Section Breaks (A to F)
    - X Existing Lattice Pylon - To be Modified
  - Project infrastructure**
    - Existing substation
    - Proposed substation area
    - Indicative construction compounds
    - Indicative cable sealing end compounds
    - Indicative stringing areas
    - Indicative working areas
    - Indicative visibility splays
    - Indicative access swathe
    - EA Main Rivers
    - WFD Watercourses
  - Flood Zones**
    - Flood Zone 3b (4% AEP)
    - Flood Zone 3b (5% AEP)
    - Flood Zone 3 (1% AEP)
    - Flood Zone 2 (0.1% AEP)

**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: 446,978.88 Sheet Y Centroid Coordinate: 432,685.59



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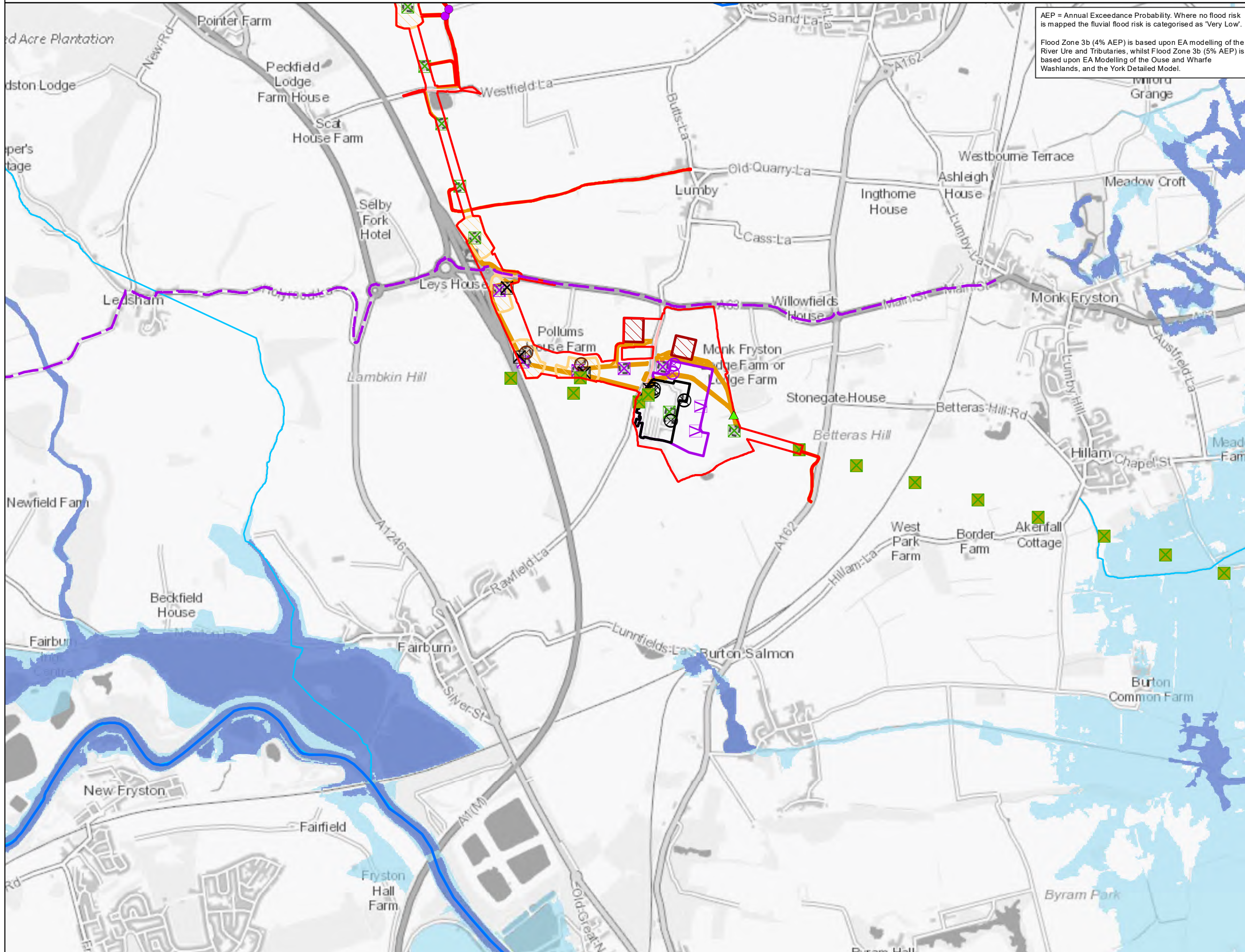
Issue	Date	Remarks	Drawn	Checked	Approved
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**Title**  
 5.4.9, ES CHAPTER 9  
 HYDROLOGY  
 FIGURE 9.6(B)  
 FLUVIAL FLOOD RISK

<b>nationalgrid</b>			
Figure Number	FIGURE 9.6(B)		
Drawing Reference	806503-WOOD-0223 B		
Scale	Sheet Size	Sheet	Issue
1:20,000	A3	SHEET 9 OF 10	B



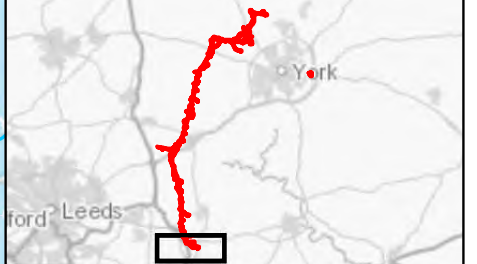
National Grid (Yorkshire Green Energy Enablement Project) Order  
 5.4.9, ES Chapter 9 Hydrology Figures  
 Figure 9.6(B) Fluvial Flood Risk: Section F



AEP = Annual Exceedance Probability. Where no flood risk is mapped the fluvial flood risk is categorised as 'Very Low'.  
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- Legend**
- Order Limits
  - Watercourse crossings**
    - Existing crossing
    - New bridge crossing
    - ▲ New culvert crossing
    - Section Breaks (A to F)
  - ⊗ 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
  - ⊗ Indicative Temporary Pylon or Mast
- Project infrastructure**
- Existing substation
  - Proposed substation area
  - Indicative construction compounds
  - Indicative cable sealing end compounds
  - Indicative stringing areas
  - Indicative working areas
  - Indicative visibility splays
  - Indicative access swathe
  - EA Main Rivers
  - WFD Watercourses
- Flood Zones**
- Flood Zone 3b (4% AEP)
  - Flood Zone 3b (5% AEP)
  - Flood Zone 3 (1% AEP)
  - Flood Zone 2 (0.1% AEP)

**Notes**  
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Coordinate System: British National Grid  
 Sheet X Centroid Coordinate: 448,283.25 Sheet Y Centroid Coordinate: 428,752.10

0 250 500 1,000  
 Meters

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**Title**  
 5.4.9, ES CHAPTER 9  
 HYDROLOGY  
 FIGURE 9.6(B)  
 FLUVIAL FLOOD RISK

<b>nationalgrid</b>			
Figure Number	FIGURE 9.6(B)		
Drawing Reference	806503-WOOD-0223 B		
Scale	Sheet Size	Sheet	Issue
1:20,000	A3	SHEET 10 OF 10	B

National Grid plc  
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