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Yorkshire Green Energy Enablement (GREEN) Project

Volume 5

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

Final Issue A

November 2022

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

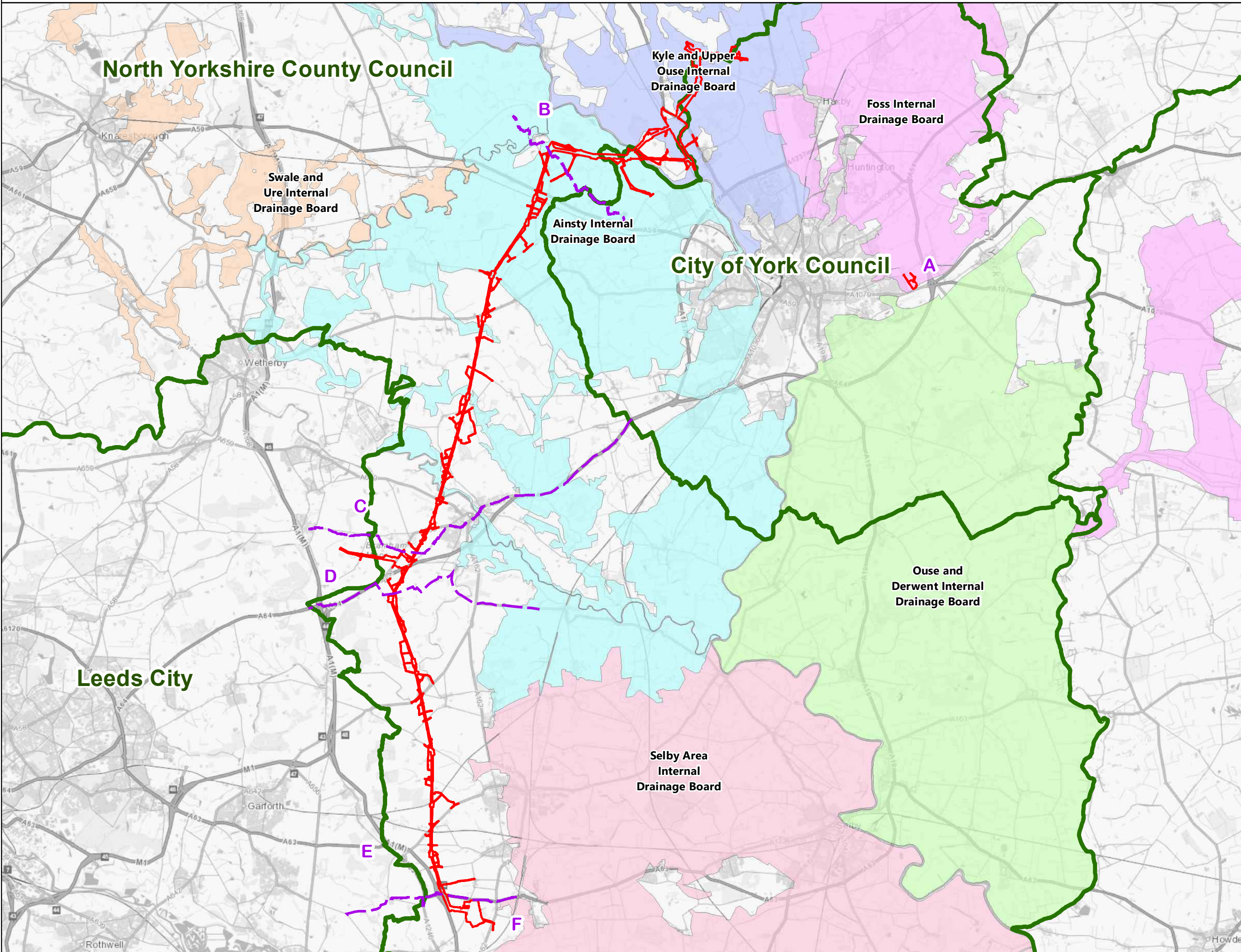
Version history

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



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

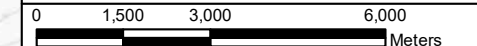
- Legend**
- Order Limits
 - Section Breaks (A to F)
 - Lead Local Flood Authorities
- Internal Drainage Boards**
- Ainsty
 - Foss
 - Kyle and Upper Ouse
 - Ouse and Derwent
 - Selby Area
 - Swale and Ure



Notes
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Title

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

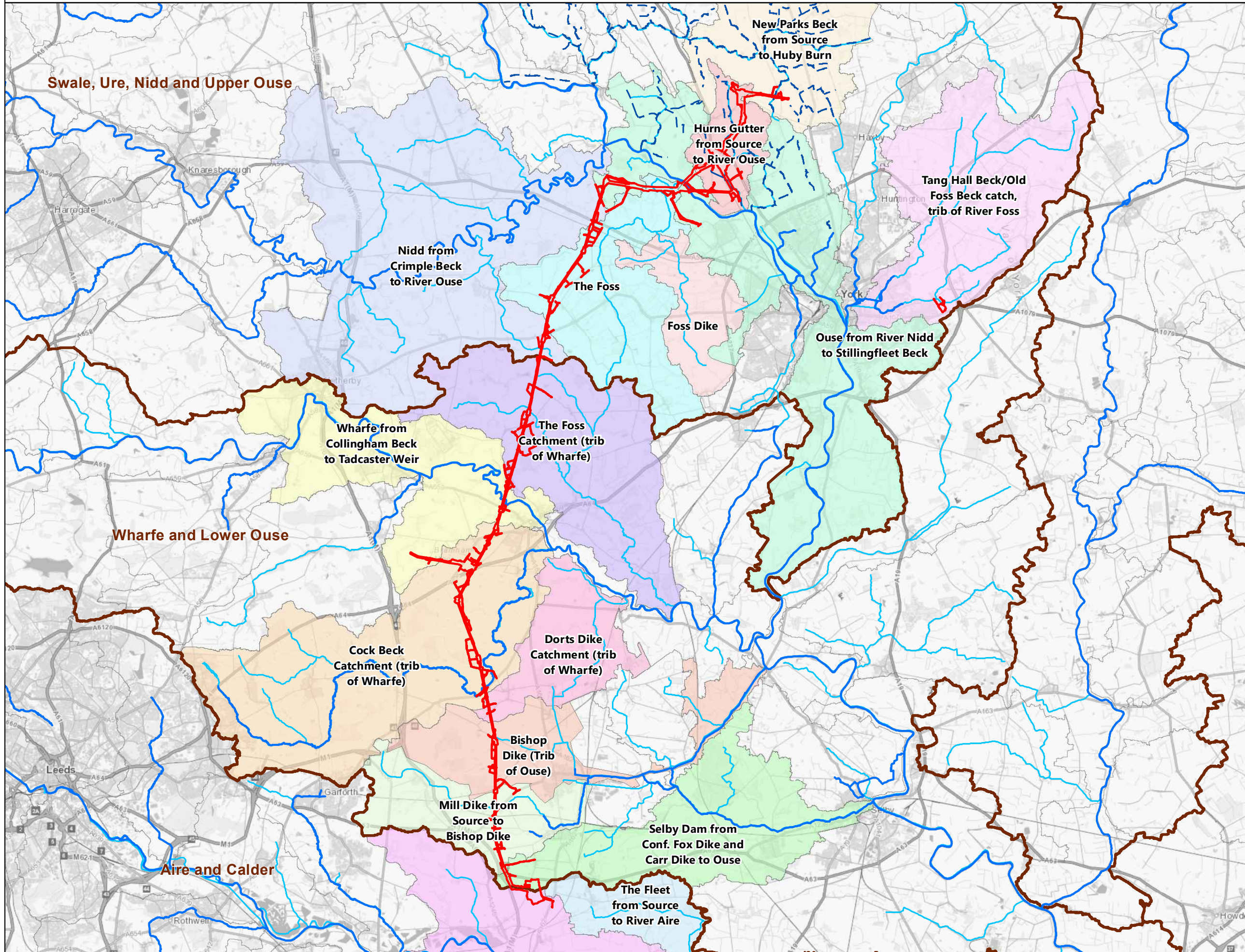
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National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.9, ES Chapter 9 Hydrology Figures
 Figure 9.2 Hydrological Study Area

Legend

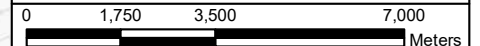
- Order Limits
- Hydrological Study Area
- EA Management Catchments
- Water Framework Directive (WFD) waterbodies
- IDB adopted watercourses
- EA Main Rivers
- WFD watercourses



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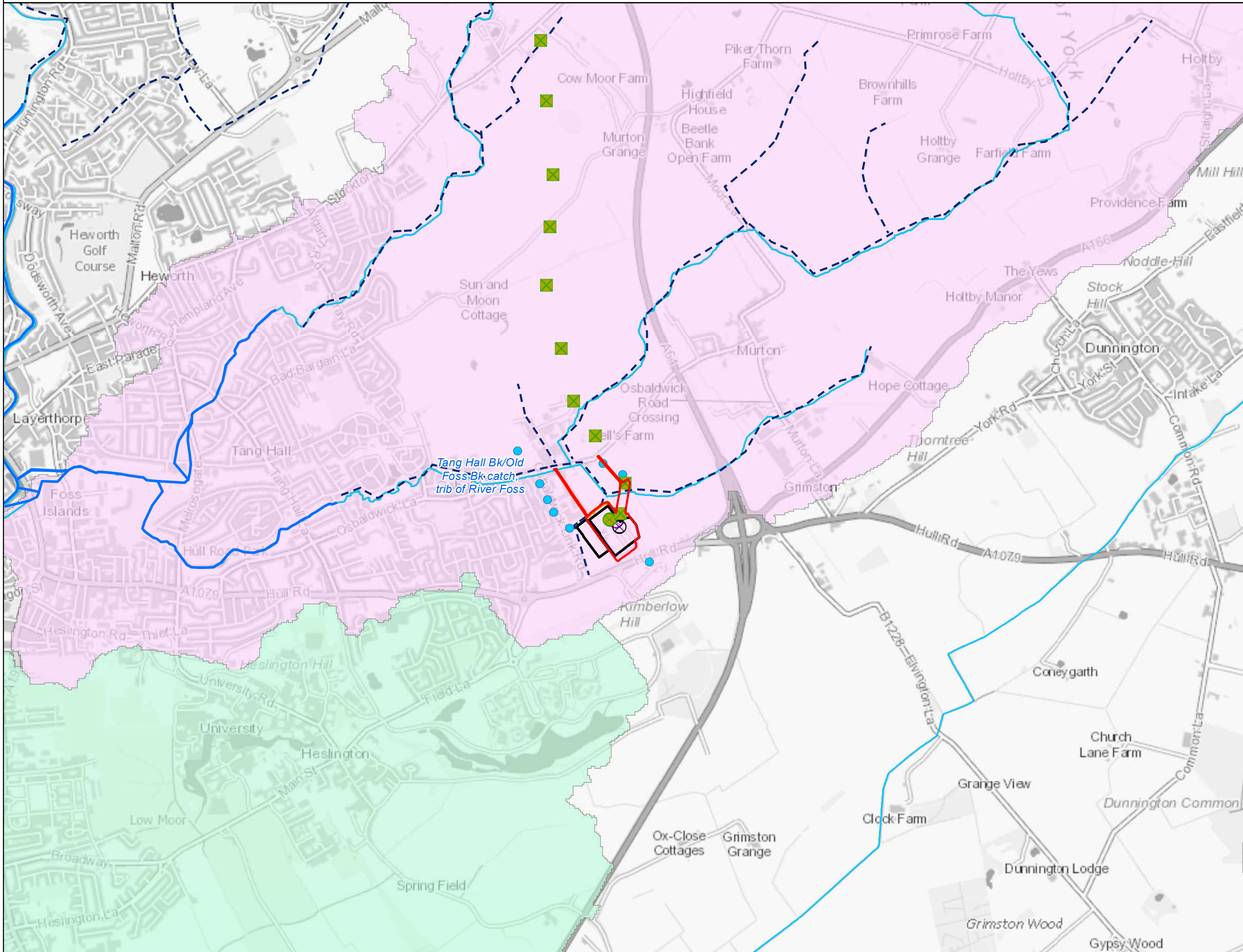
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Title
 5.4.9, ES CHAPTER 9
 HYDROLOGY
 FIGURE 9.2
 HYDROLOGICAL STUDY AREA

nationalgrid			
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 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 culvert crossing
- New bridge crossing

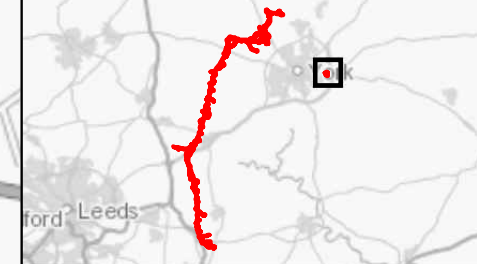
Project infrastructure

- 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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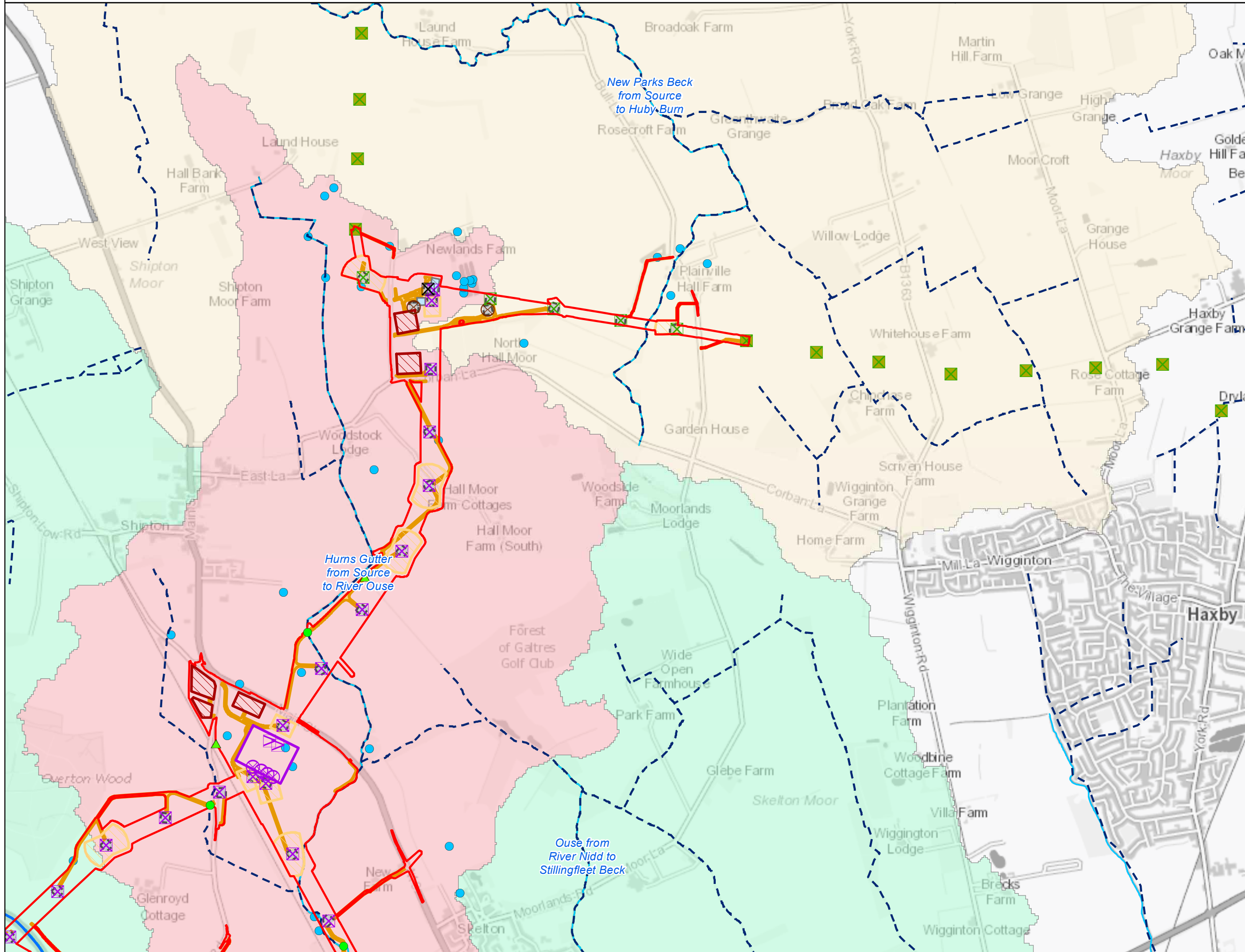
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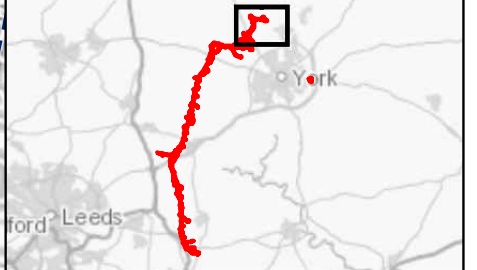


National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.9, ES Chapter 9 Hydrology Figures
 Figure 9.3 Surface Water Features Local to the Project: Section B



- 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 culvert crossing
 - New bridge 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
- Watercourse crossings**
- EA Main Rivers
 - - - IDB adopted watercourses
 - WFD Watercourses
 - Ponds
 - WFD Lakes
- WFD waterbody catchments**
- Hurns 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

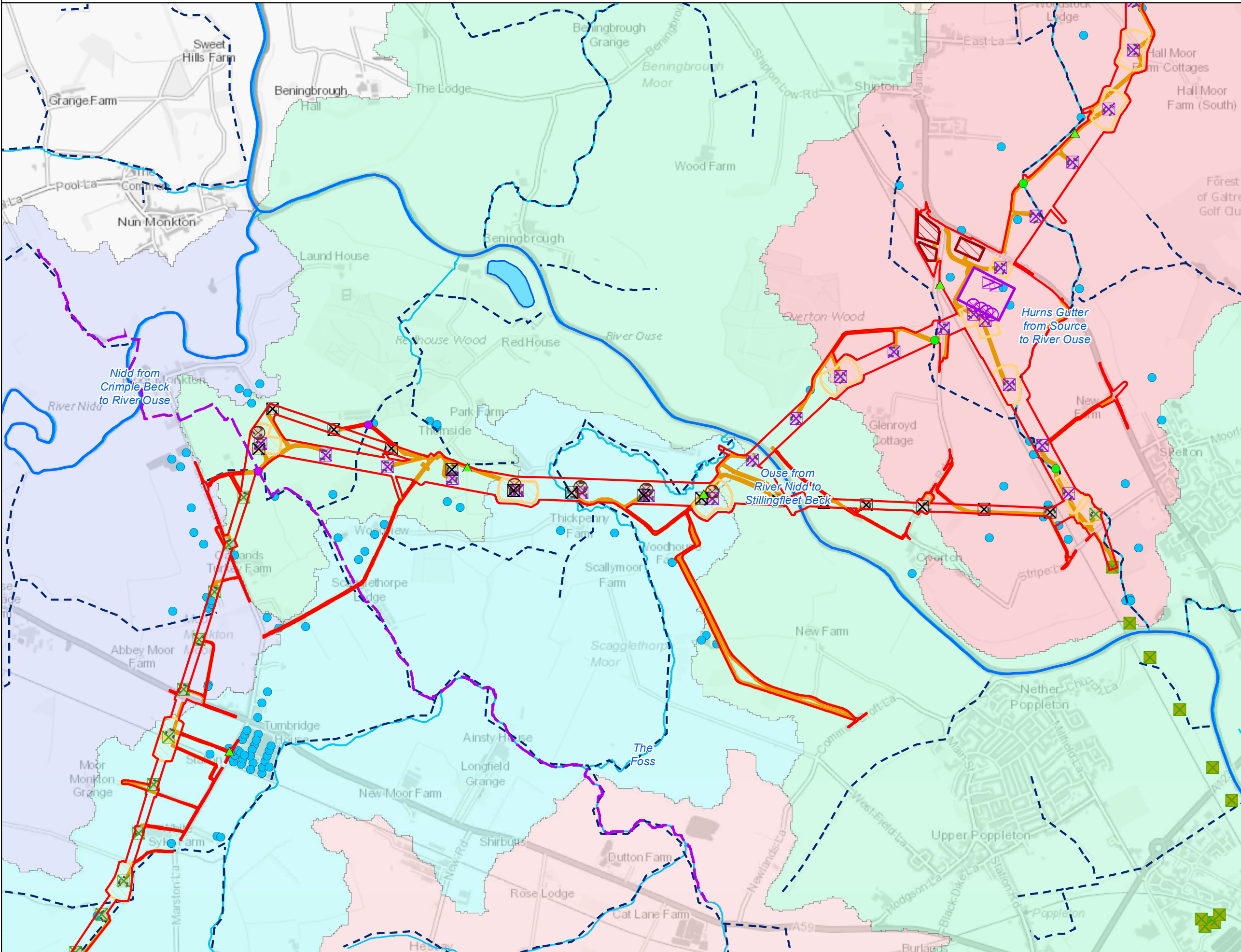
5.4.9, ES CHAPTER 9
 HYDROLOGY
 FIGURE 9.3
 SURFACE WATER FEATURES
 LOCAL TO THE PROJECT

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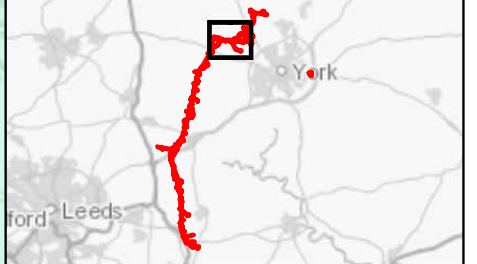
National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.9, ES Chapter 9 Hydrology Figures
 Figure 9.3 Surface Water Features Local to the Project: Section B



- 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 culvert crossing
 - New bridge 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
- Watercourse types**
- 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 Hubby Burn
 - Nidd from Crimple Beck to River Ouse
 - Ouse from River Nidd to Stillingfleet Beck
 - The Foss

Notes

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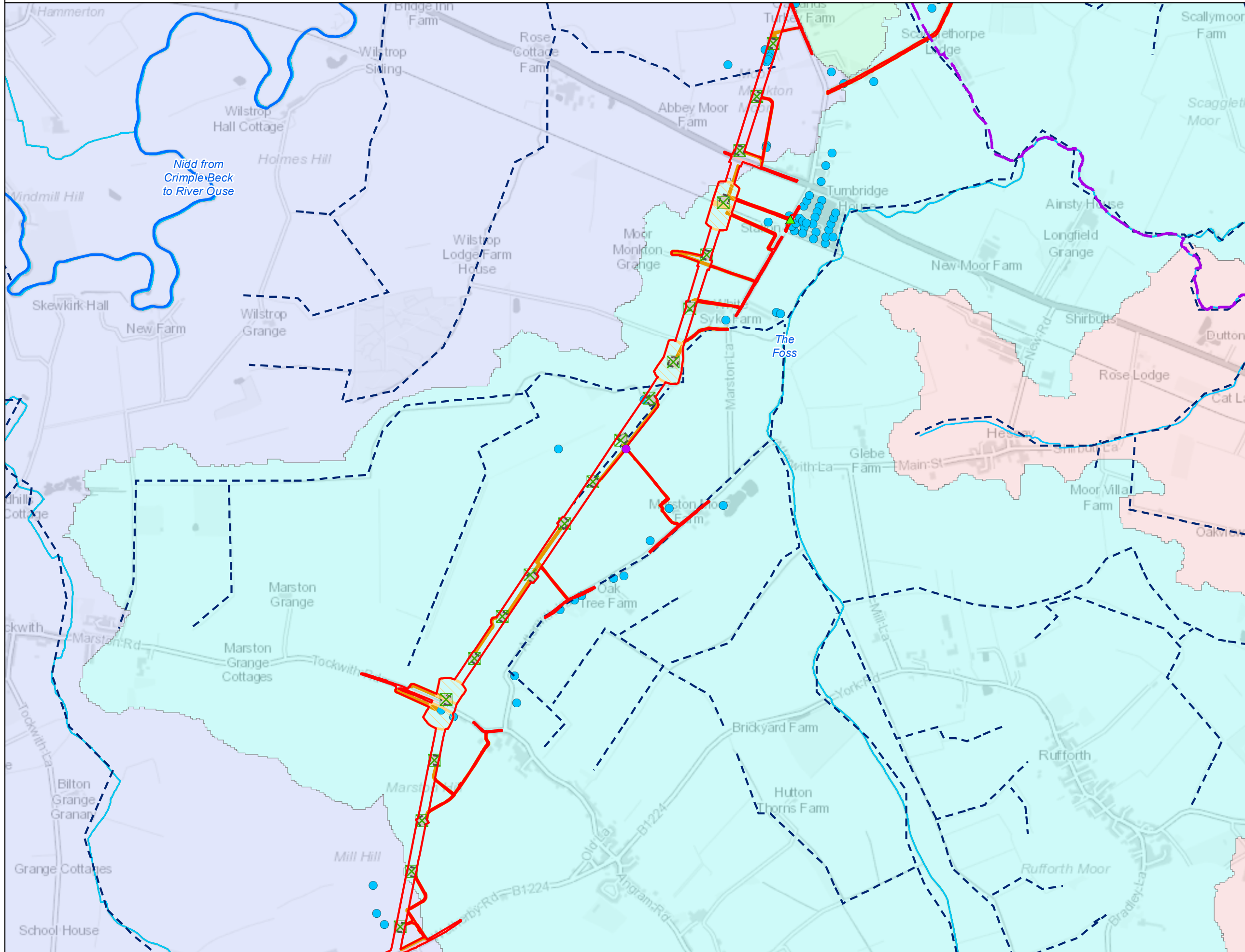
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**5.4.9, ES CHAPTER 9
 HYDROLOGY
 FIGURE 9.3
 SURFACE WATER FEATURES
 LOCAL TO THE PROJECT**

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Figure Number	FIGURE 9.3B		
Drawing Reference	806503-WOOD-0220		
Scale	Sheet Size	Sheet	Issue
1:22,000	A3	SHEET 3 OF 10	A



National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.9, ES Chapter 9 Hydrology Figures
 Figure 9.3 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 culvert crossing
- New bridge crossing

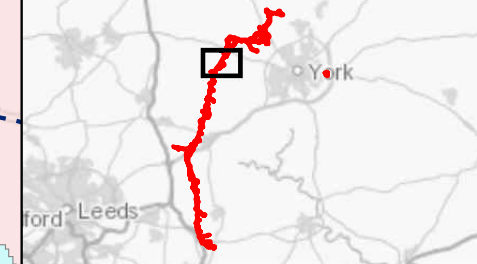
Project infrastructure

- 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
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5.4.9, ES CHAPTER 9
 HYDROLOGY
 FIGURE 9.3
 SURFACE WATER FEATURES
 LOCAL TO THE PROJECT

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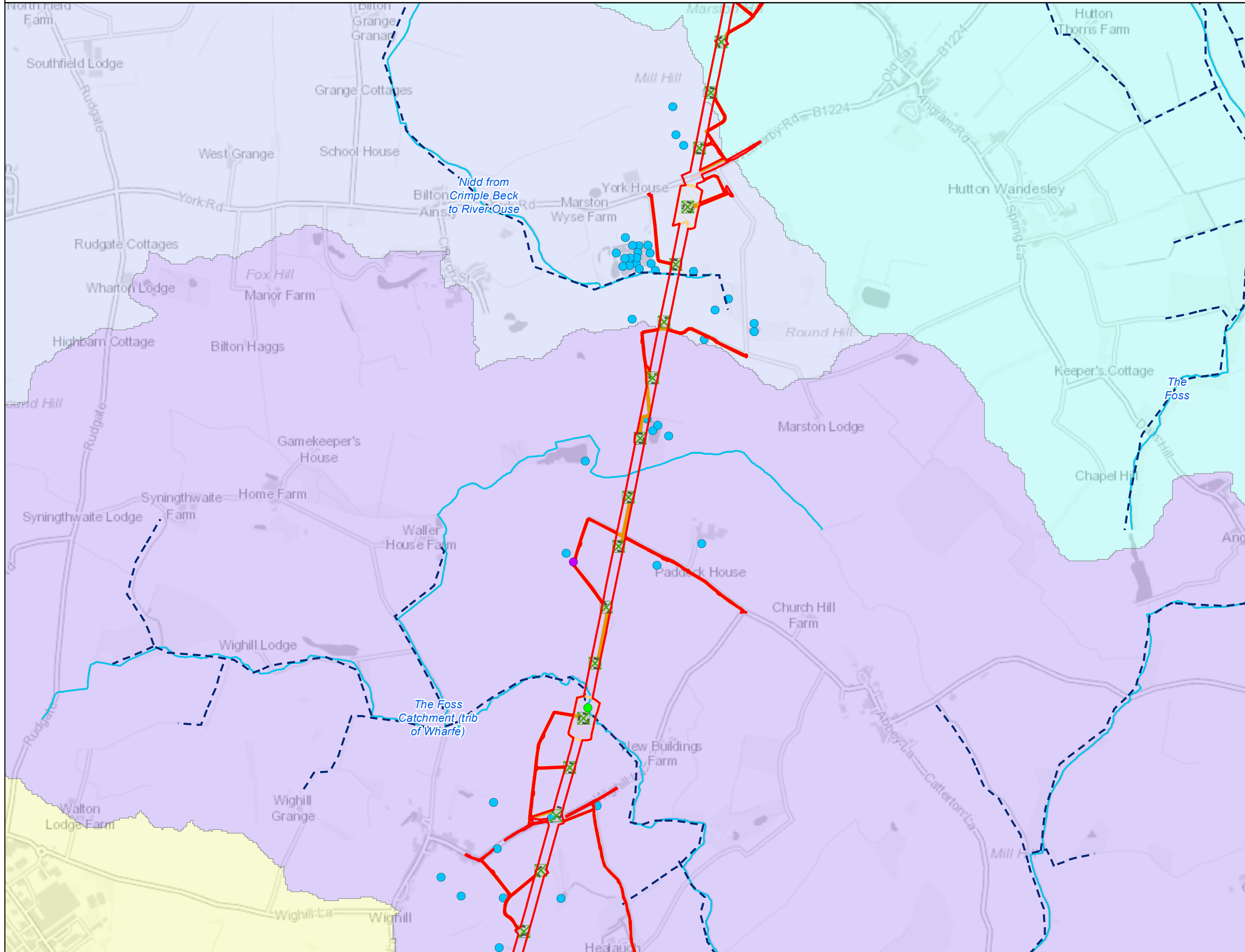
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National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.9, ES Chapter 9 Hydrology Figures
 Figure 9.3 Surface Water Features Local to the Project: Section C



Legend

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

Watercourse crossings

- Existing crossing
- ▲ New culvert crossing
- New bridge 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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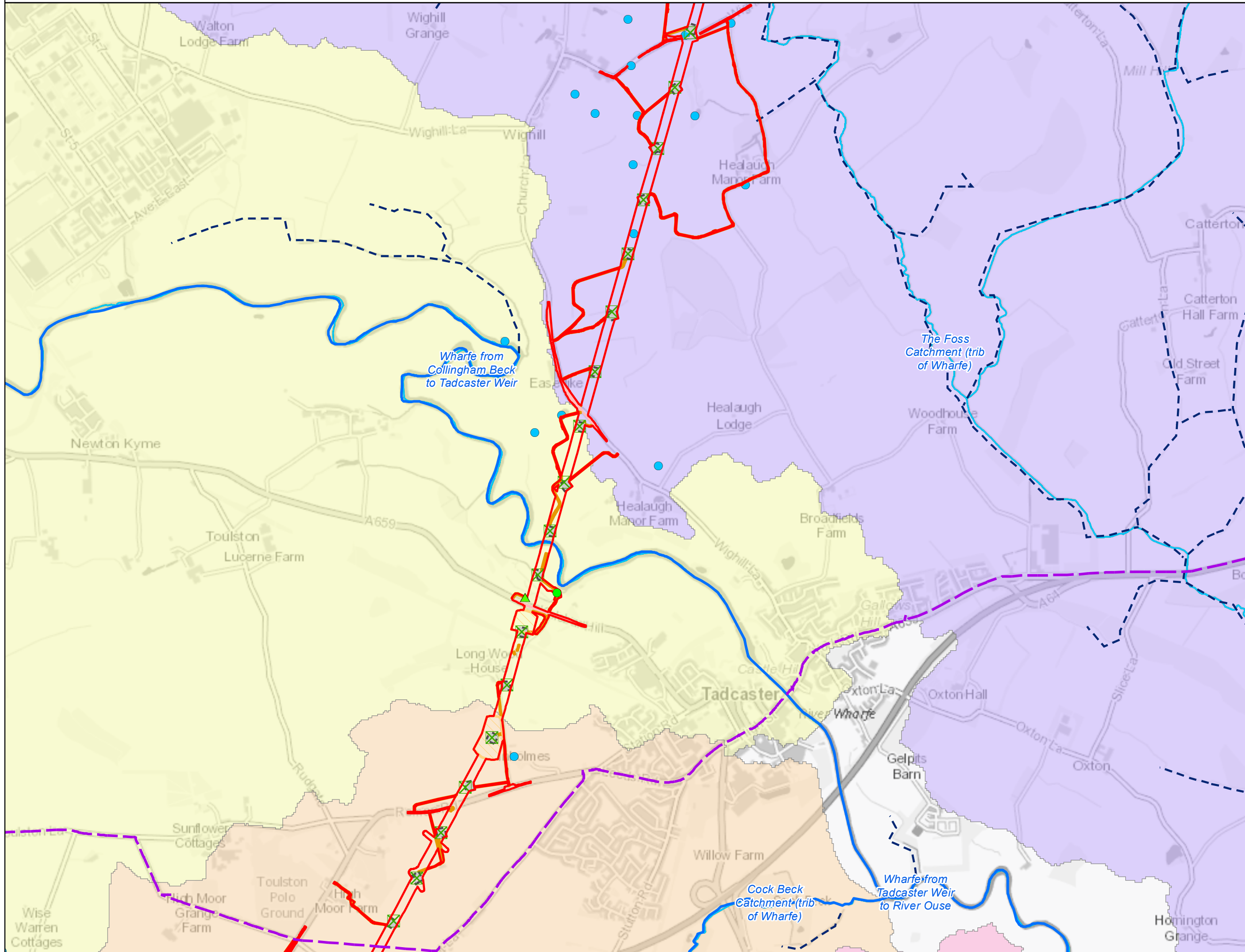
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**5.4.9, ES CHAPTER 9
 HYDROLOGY
 FIGURE 9.3
 SURFACE WATER FEATURES
 LOCAL TO THE PROJECT**

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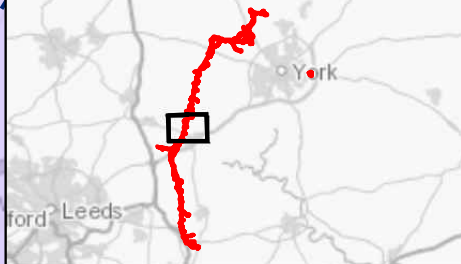
National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.9, ES Chapter 9 Hydrology Figures
 Figure 9.3 Surface Water Features Local to the Project: Section C



Legend

- ▭ Order Limits
- - - Section Breaks (A to F)
- ⊠ Existing Lattice Pylon - To be Modified
- Watercourse crossings**
- Existing crossing
- ▲ New culvert crossing
- New bridge 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 SURFACE WATER FEATURES LOCAL TO THE PROJECT					

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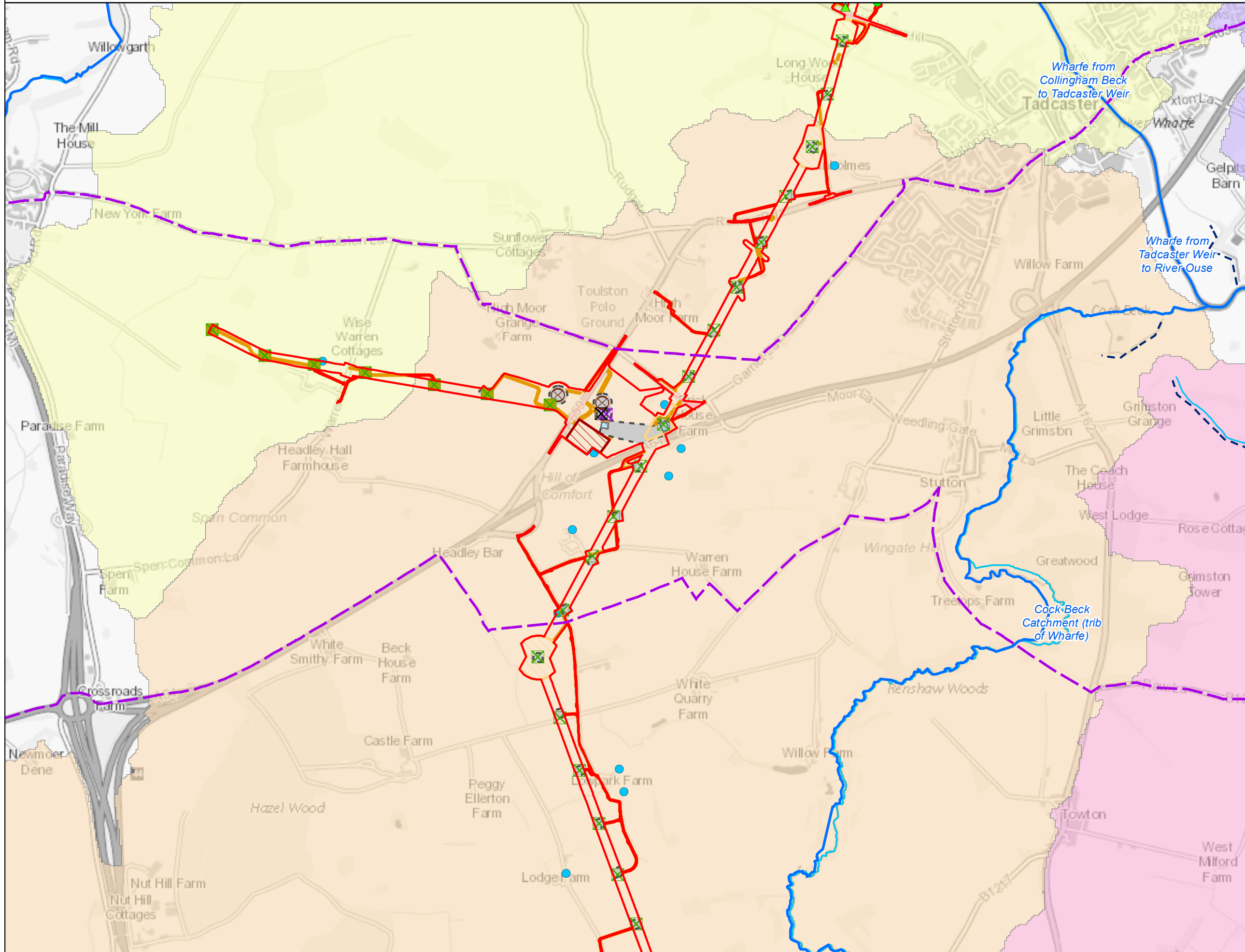
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National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.9, ES Chapter 9 Hydrology Figures
 Figure 9.3 Surface Water Features Local to the Project: Section D



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 culvert crossing
- New bridge crossing

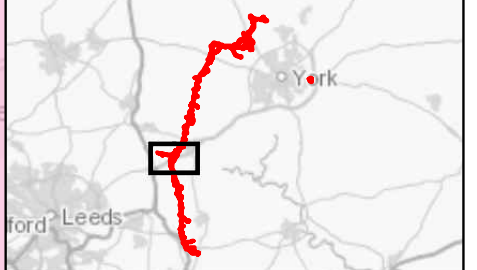
Project infrastructure

- 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
 SURFACE WATER FEATURES
 LOCAL TO THE PROJECT

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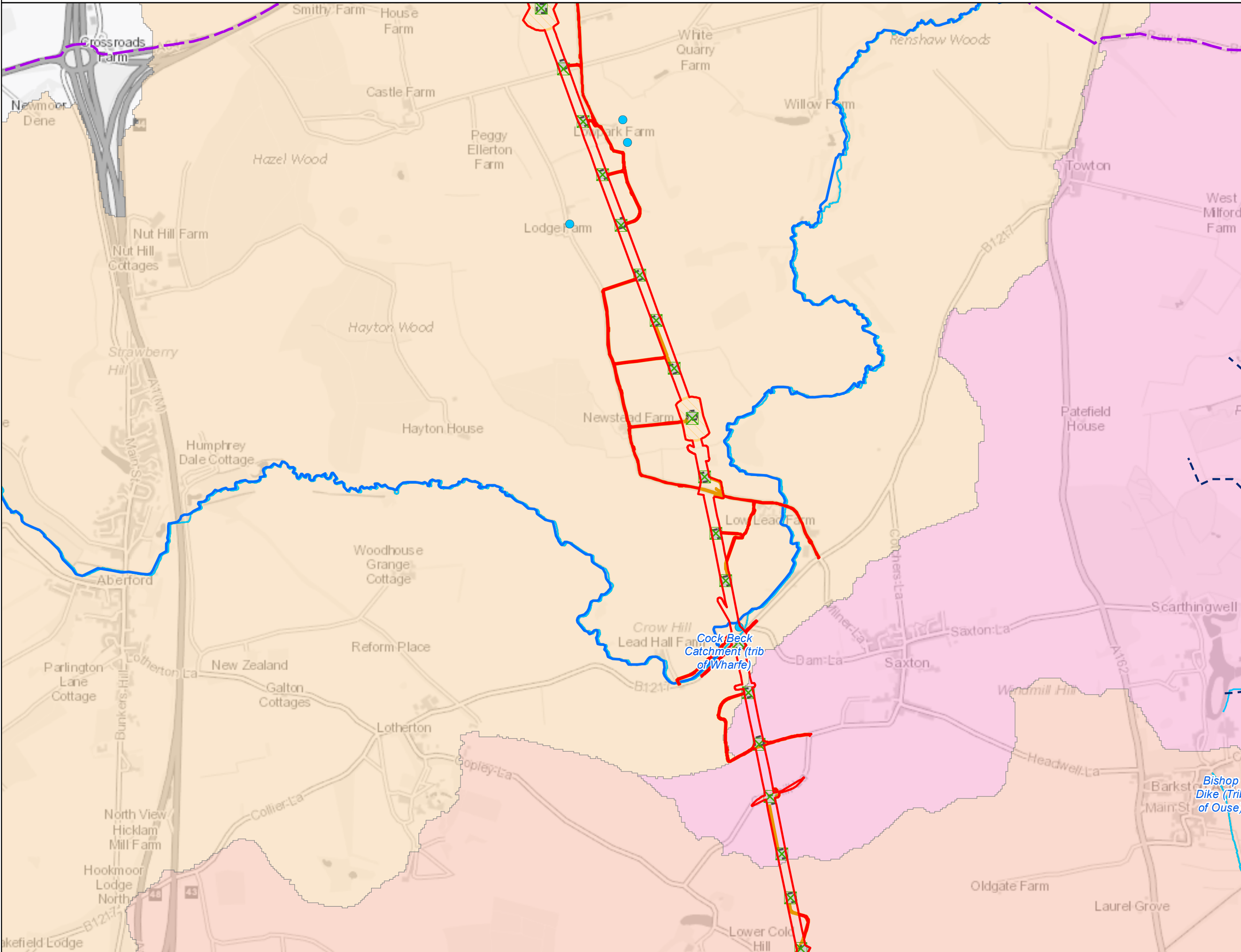
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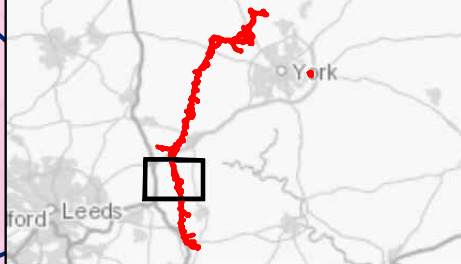
National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.9, ES Chapter 9 Hydrology Figures
 Figure 9.3 Surface Water Features Local to the Project: Section E



Legend

- ▭ Order Limits
- - - Section Breaks (A to F)
- ⊠ Existing Lattice Pylon - To be Modified
- Watercourse crossings**
- Existing crossing
- ▲ New culvert crossing
- New bridge 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**
- Bishop Dike (Trib of Ouse)
- Cock Beck Catchment (trib of Wharfe)
- Dorts Dike Catchment (trib of Wharfe)

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
 SURFACE WATER FEATURES
 LOCAL TO THE PROJECT

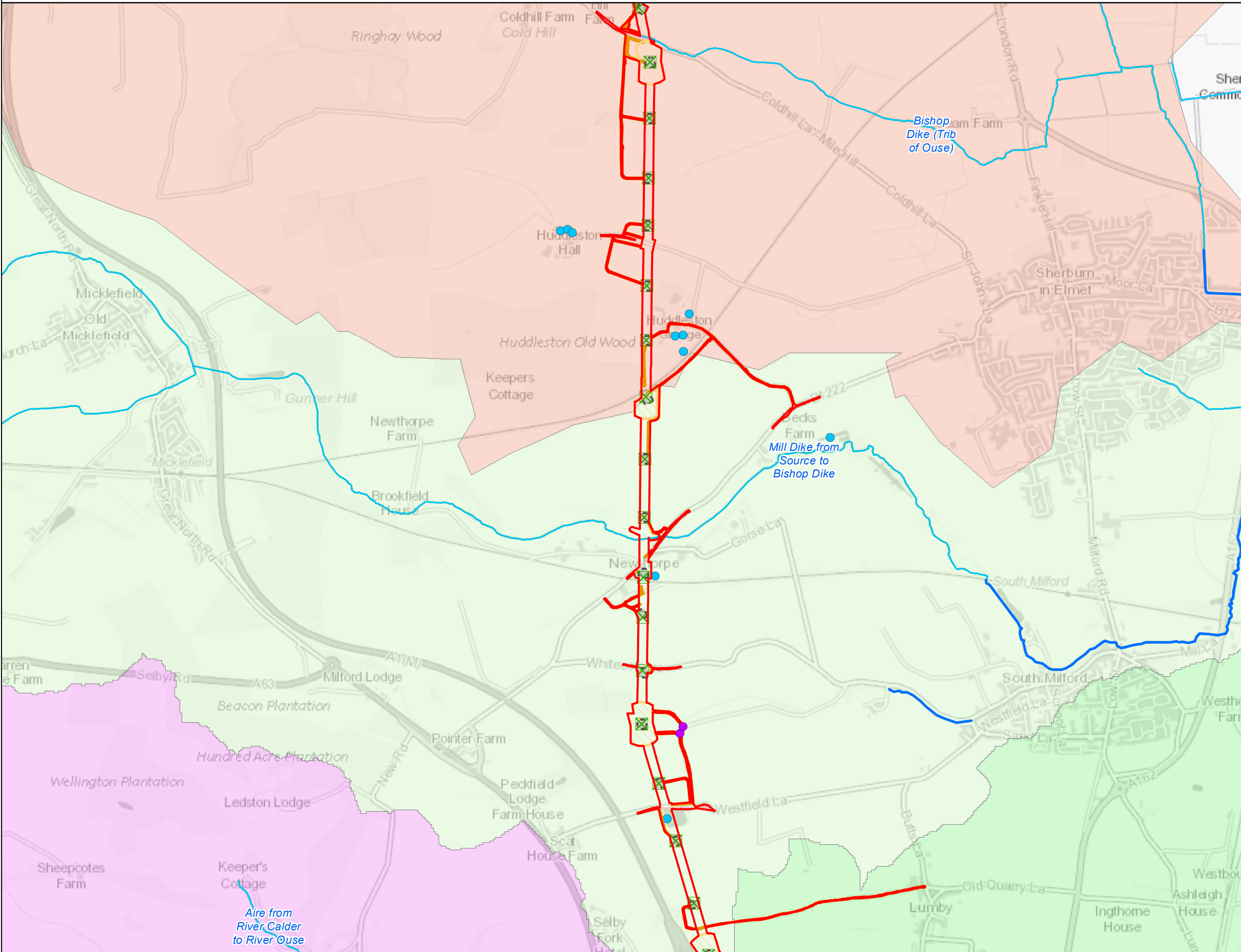
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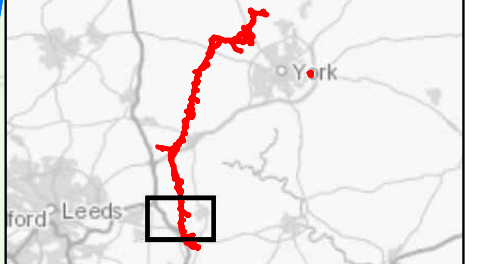


National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.9, ES Chapter 9 Hydrology Figures
 Figure 9.3 Surface Water Features Local to the Project: Section E



- Legend**
- Order Limits
 - Section Breaks (A to F)
 - Existing Lattice Pylon - To be Modified
 - Watercourse crossings**
 - Existing crossing
 - ▲ New culvert crossing
 - New bridge 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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A	1 Nov 2022	For DCO Submission	COLLJ	DIMMR	CHADC
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Issue	Date	Remarks	Drawn	Checked	Approved
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nationalgrid

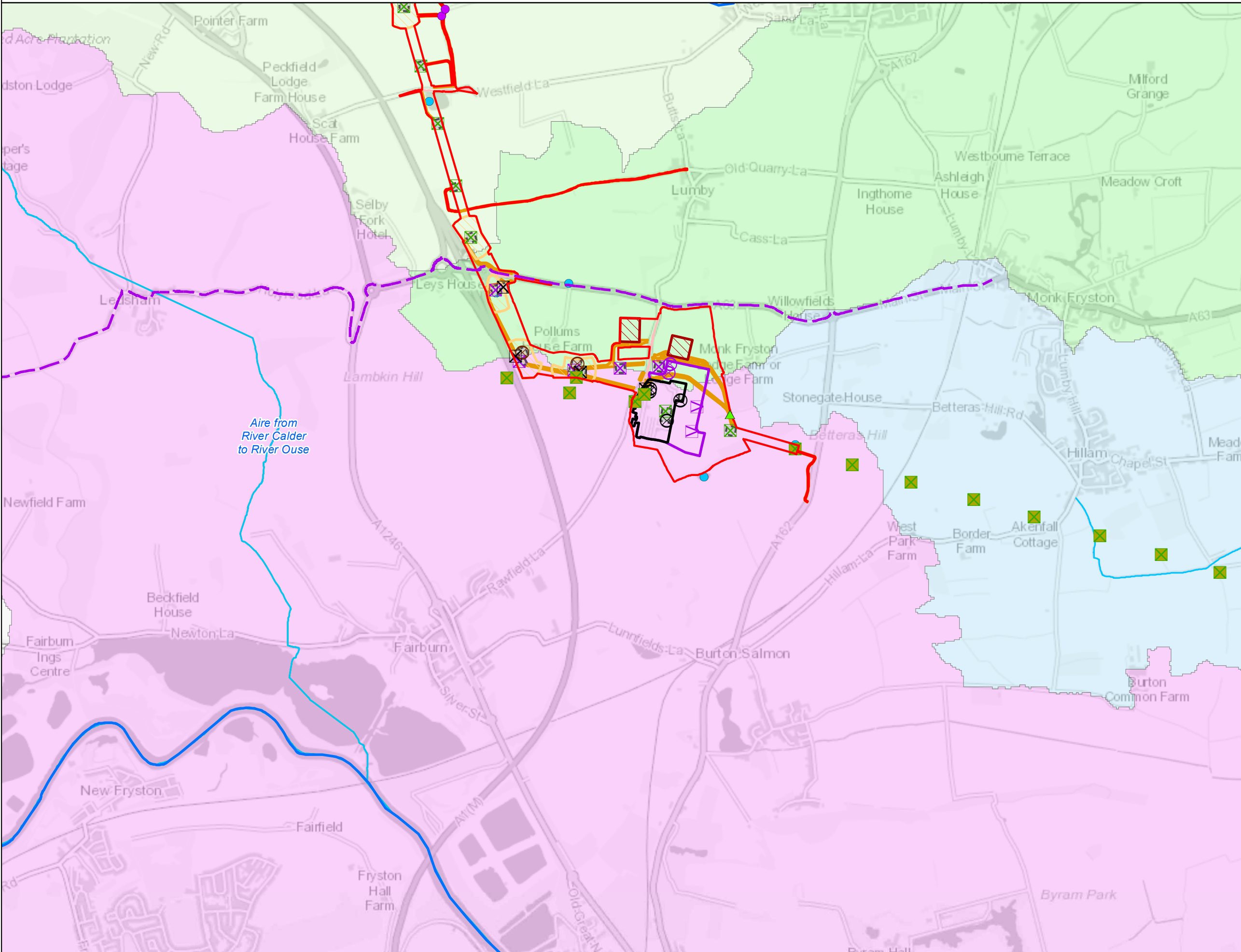
Figure Number: FIGURE 9.3E

Drawing Reference: 806503-WOOD-0220

Scale	Sheet Size	Sheet	Issue
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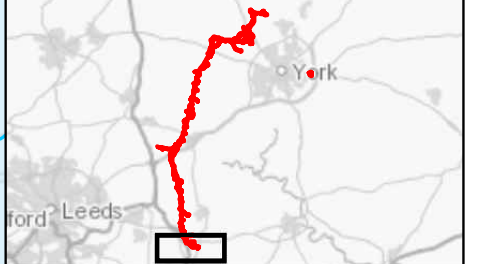


National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.9, ES Chapter 9 Hydrology Figures
 Figure 9.3 Surface Water Features Local to the Project: Section F



- 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 culvert crossing
 - New bridge 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
 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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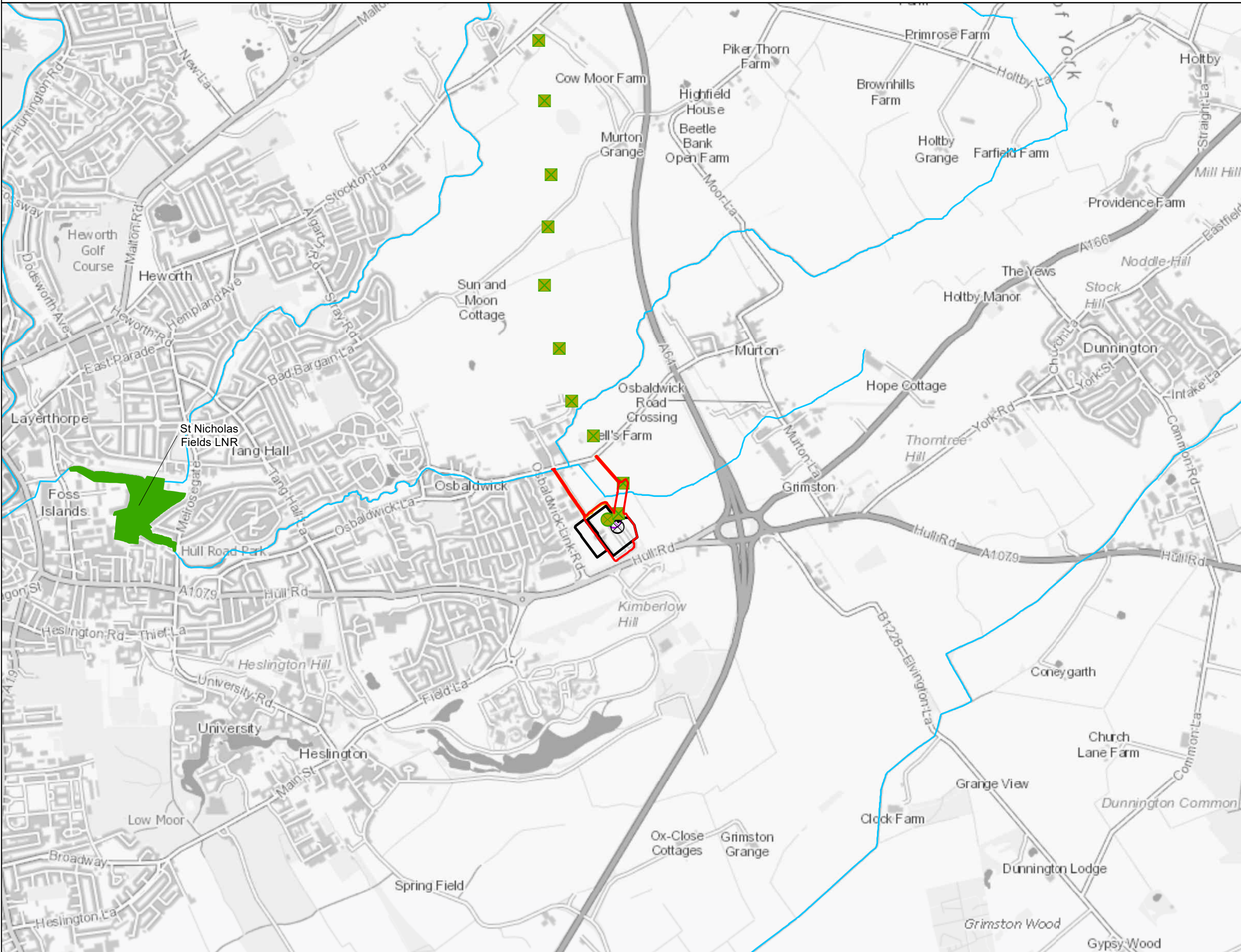
Issue	Date	Remarks	Drawn	Checked	Approved
A	1 Nov 2022	For DCO Submission	COLLJ	DIMMR	CHADC

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

nationalgrid			
Figure Number		FIGURE 9.3F	
Drawing Reference			
806503-WOOD-0220			
Scale	Sheet Size	Sheet	Issue
1:20,000	A3	SHEET 10 OF 10	A



National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.9, ES Chapter 9 Hydrology Figures
 Figure 9.4 Conservation Sites: 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 culvert crossing
- New bridge crossing

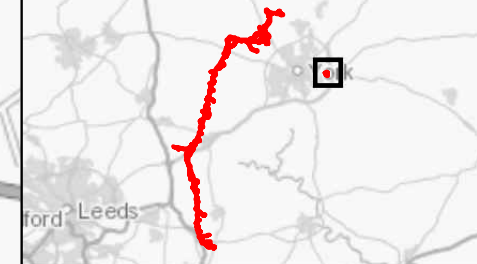
Project infrastructure

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

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5.4.9, ES CHAPTER 9
 HYDROLOGY
 FIGURE 9.4
 CONSERVATION SITES

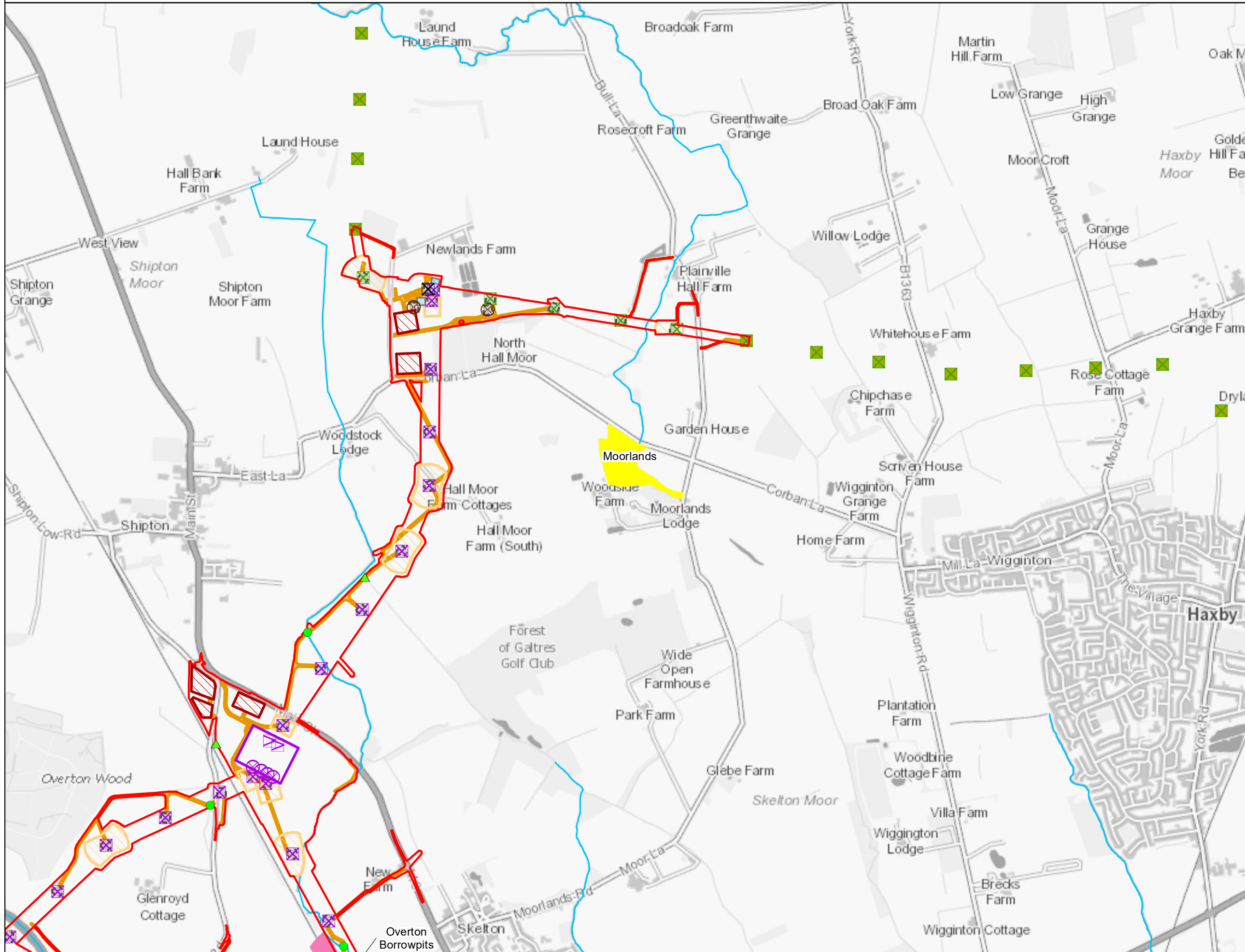
nationalgrid

Figure Number: FIGURE 9.4A
 Drawing Reference: 806503-WOOD-0221

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



National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.9, ES Chapter 9 Hydrology Figures
 Figure 9.4 Conservation Sites: 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 culvert crossing
- New bridge crossing

Project infrastructure

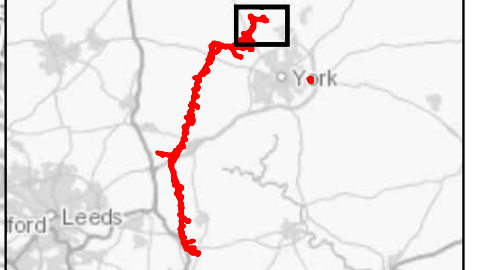
- Existing substation
- Proposed substation area
- Indicative construction compounds
- Indicative cable sealing end compounds
- Indicative stringing areas
- Indicative working areas
- Indicative visibility splays
- Indicative access swathe

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

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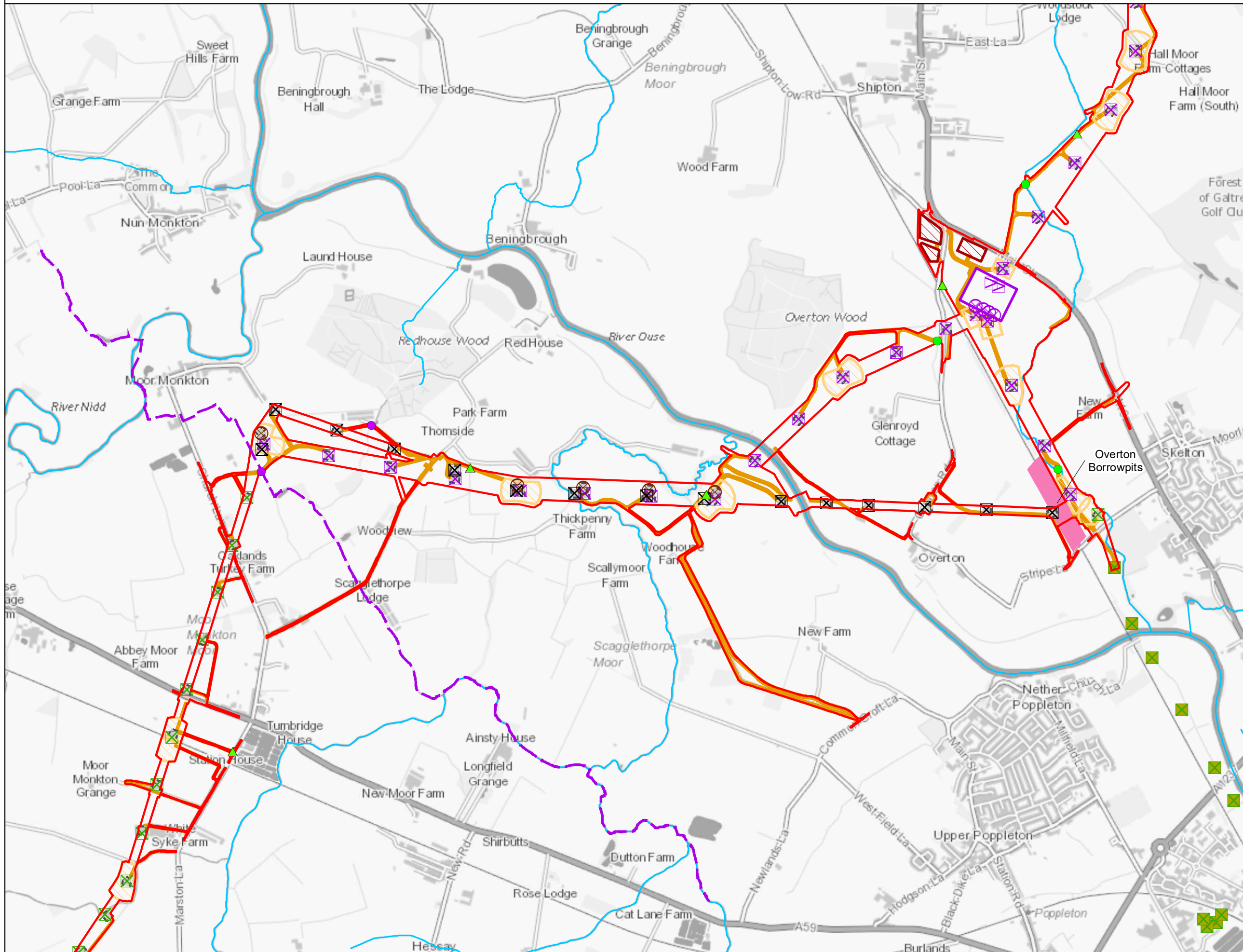
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5.4.9, ES CHAPTER 9
 HYDROLOGY
 FIGURE 9.4
 CONSERVATION SITES

nationalgrid			
Figure Number		FIGURE 9.4B	
Drawing Reference		806503-WOOD-0221	
Scale	Sheet Size	Sheet	Issue
1:20,000	A3	SHEET 2 OF 10	A



National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.9, ES Chapter 9 Hydrology Figures
 Figure 9.4 Conservation Sites: 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 culvert crossing
 - New bridge crossing
- 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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A	1 Nov 2022	For DCO Submission	COLLJ	DIMMR	CHADC

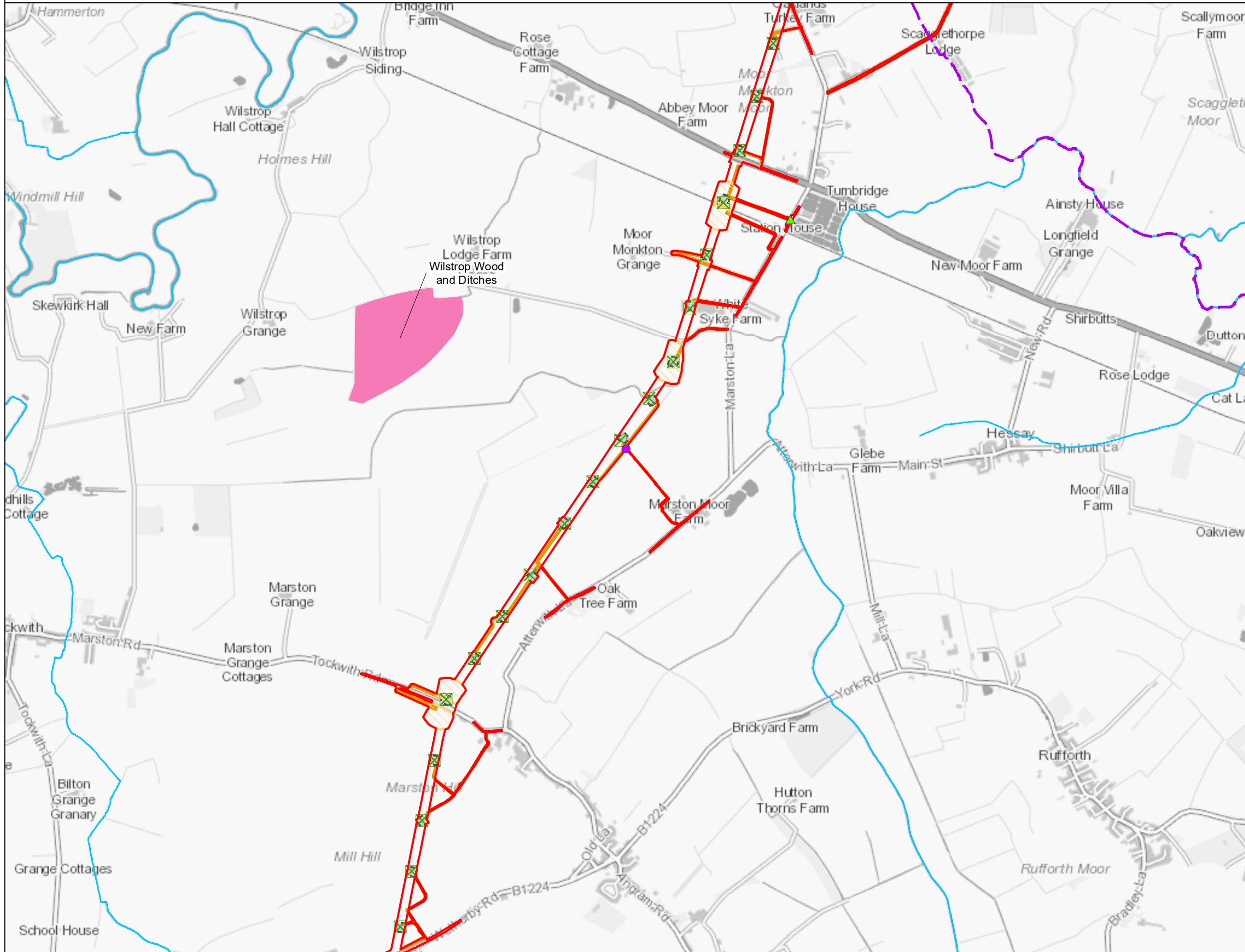
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**5.4.9, ES CHAPTER 9
 HYDROLOGY
 FIGURE 9.4
 CONSERVATION SITES**

nationalgrid			
Figure Number	FIGURE 9.4B		
Drawing Reference	806503-WOOD-0221		
Scale	Sheet Size	Sheet	Issue
1:22,000	A3	SHEET 3 OF 10	A



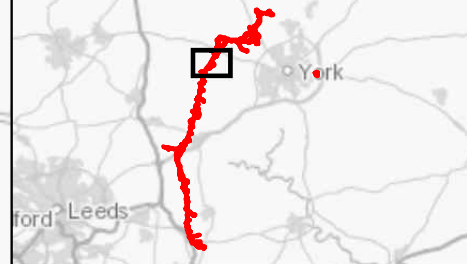
National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.9, ES Chapter 9 Hydrology Figures
 Figure 9.4 Conservation Sites: Section C



Legend

- ▭ Order Limits
- Section Breaks (A to F)
- ⊗ Existing Lattice Pylon - To be Modified
- Watercourse crossings**
- Existing crossing
- ▲ New culvert crossing
- New bridge crossing
- 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: 450,259.87 Sheet Y Centroid Coordinate: 453,202.96

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**5.4.9, ES CHAPTER 9
 HYDROLOGY
 FIGURE 9.4
 CONSERVATION SITES**

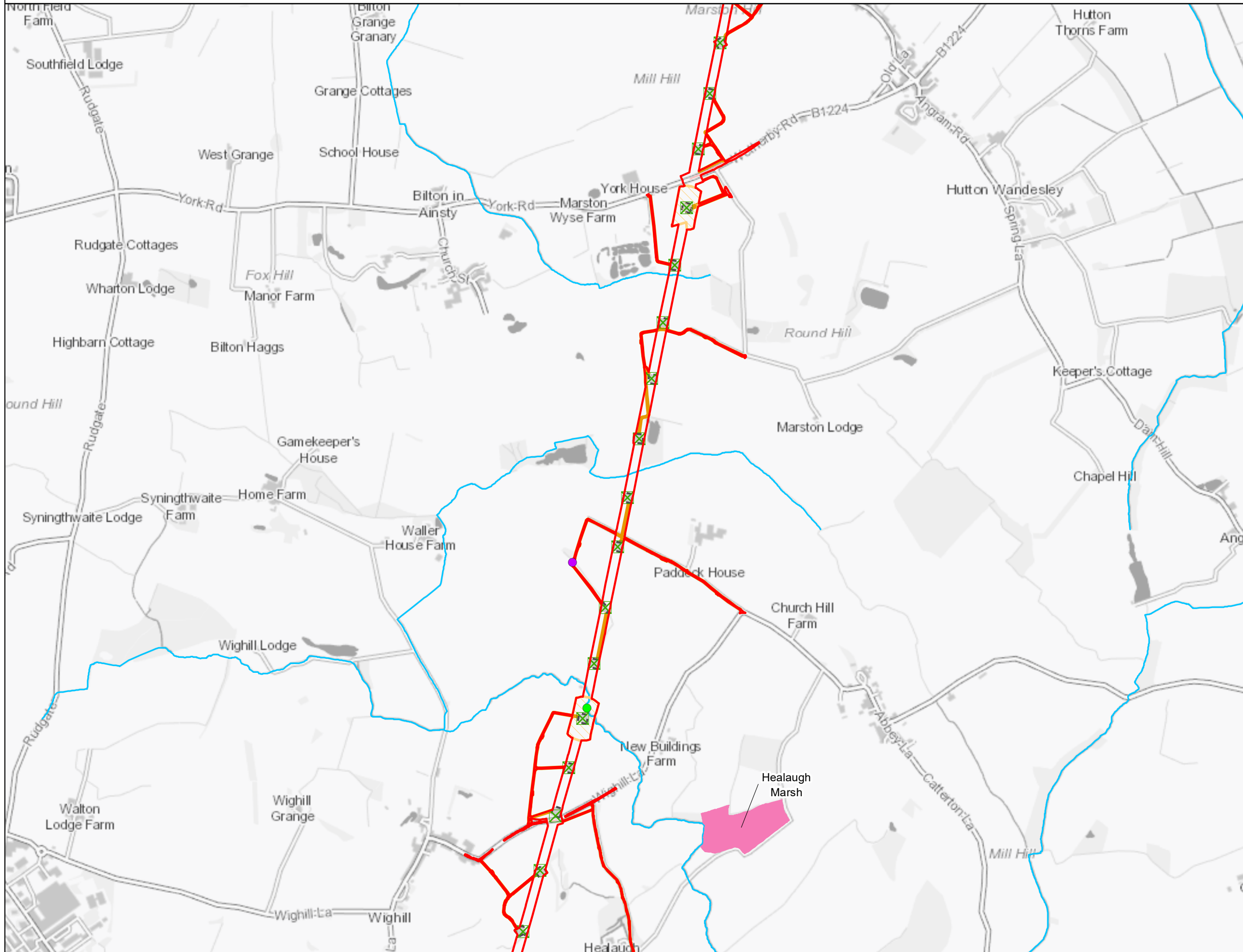
nationalgrid

Figure Number: FIGURE 9.4C
 Drawing Reference: 806503-WOOD-0221

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 Conservation Sites: Section C

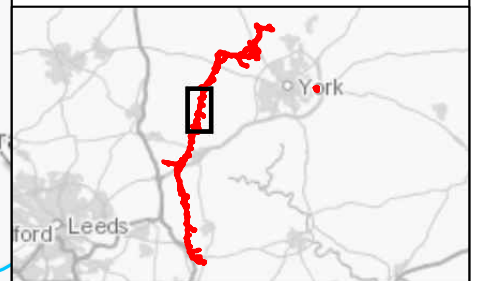


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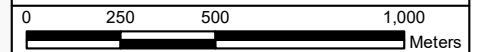
- ▭ Order Limits
- Section Breaks (A to F)
- ⊗ Existing Lattice Pylon - To be Modified
- Watercourse crossings**
- Existing crossing
- ▲ New culvert crossing
- New bridge crossing
- Project infrastructure**
- Existing substation
- Proposed substation area
- Indicative construction compounds
- Indicative 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: 448,619.27 Sheet Y Centroid Coordinate: 448,933.45



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

Title

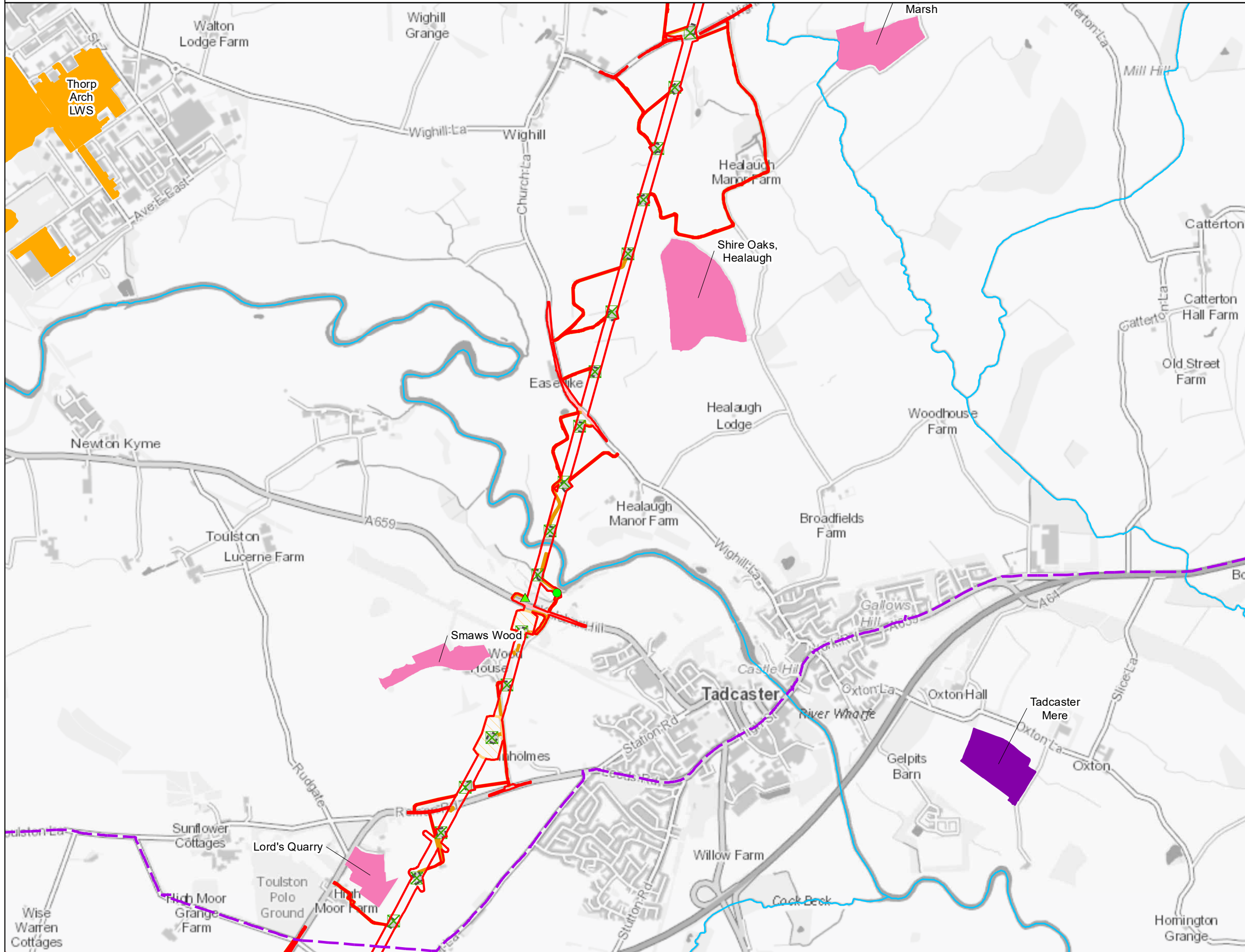
5.4.9, ES CHAPTER 9
 HYDROLOGY
 FIGURE 9.4
 CONSERVATION SITES



Figure Number		FIGURE 9.4C	
Drawing Reference		806503-WOOD-0221	
Scale	Sheet Size	Sheet	Issue
1:20,000	A3	SHEET 5 OF 10	A



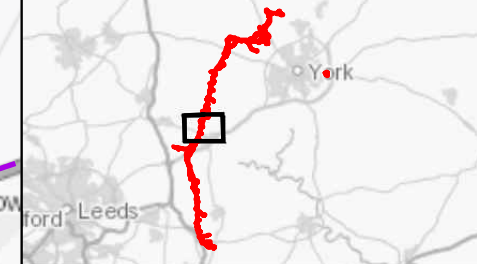
National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.9, ES Chapter 9 Hydrology Figures
 Figure 9.4 Conservation Sites: Section C



Legend

- Order Limits
- Section Breaks (A to F)
- X Existing Lattice Pylon - To be Modified
- Watercourse crossings**
- Existing crossing
- ▲ New culvert crossing
- New bridge crossing
- 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: 447,884.76 Sheet Y Centroid Coordinate: 444,641.53
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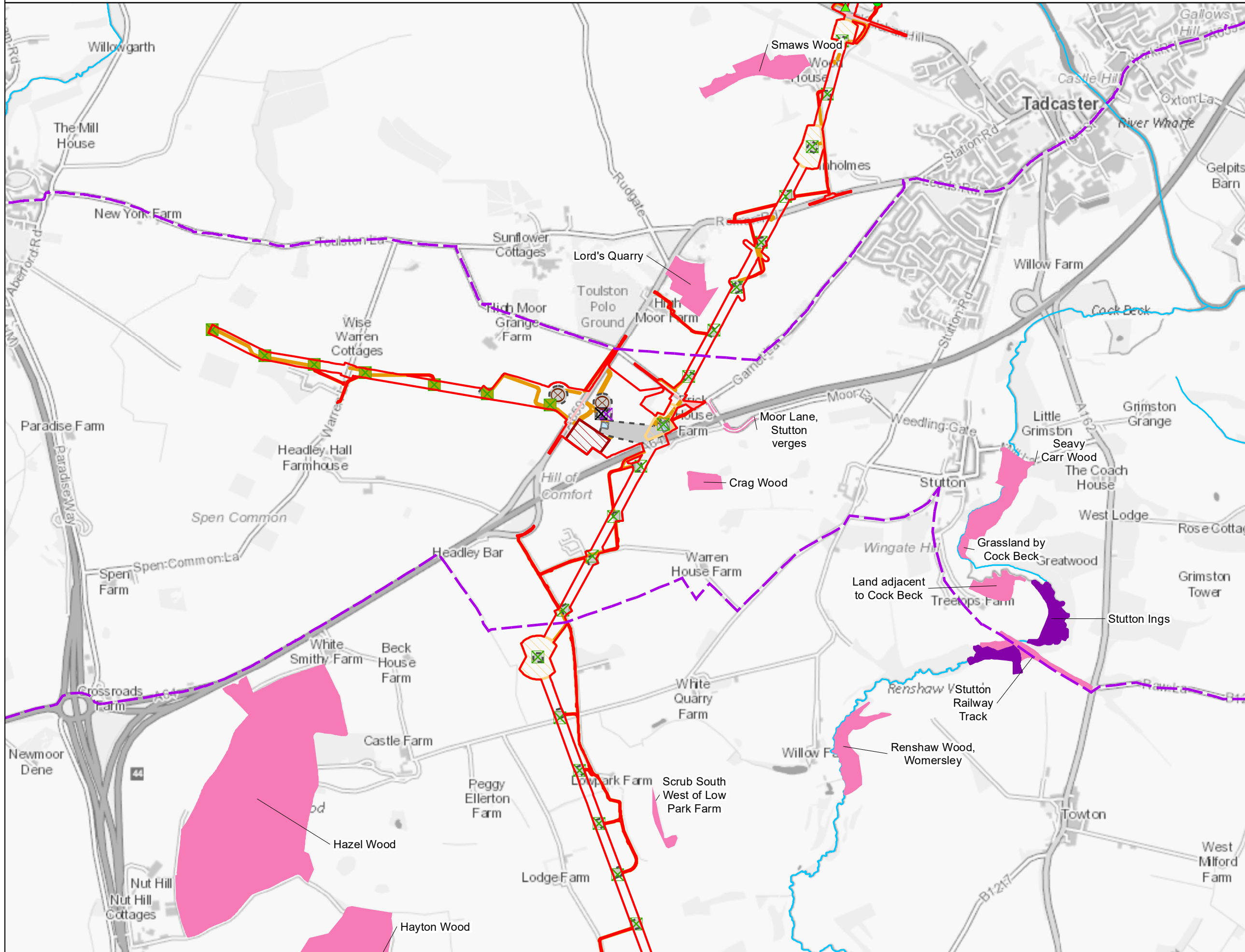
Issue	Date	Remarks	Drawn	Checked	Approved
A	1 Nov 2022	For DCO Submission	COLLJ	DIMMR	CHADC

Title
 5.4.9, ES CHAPTER 9
 HYDROLOGY
 FIGURE 9.4
 CONSERVATION SITES

nationalgrid			
Figure Number	FIGURE 9.4C		
Drawing Reference	806503-WOOD-0221		
Scale	Sheet Size	Sheet	Issue
1:20,000	A3	SHEET 6 OF 10	A



National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.9, ES Chapter 9 Hydrology Figures
 Figure 9.4 Conservation Sites: 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 culvert crossing
- New bridge crossing

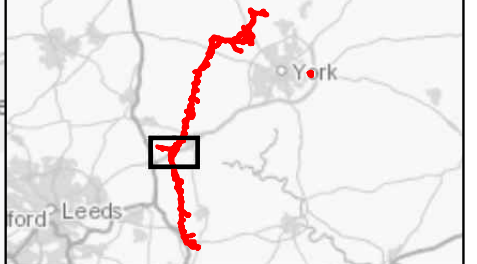
Project infrastructure

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

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Issue	Date	Remarks	Drawn	Checked	Approved	

Title

**5.4.9, ES CHAPTER 9
 HYDROLOGY
 FIGURE 9.4
 CONSERVATION SITES**

nationalgrid

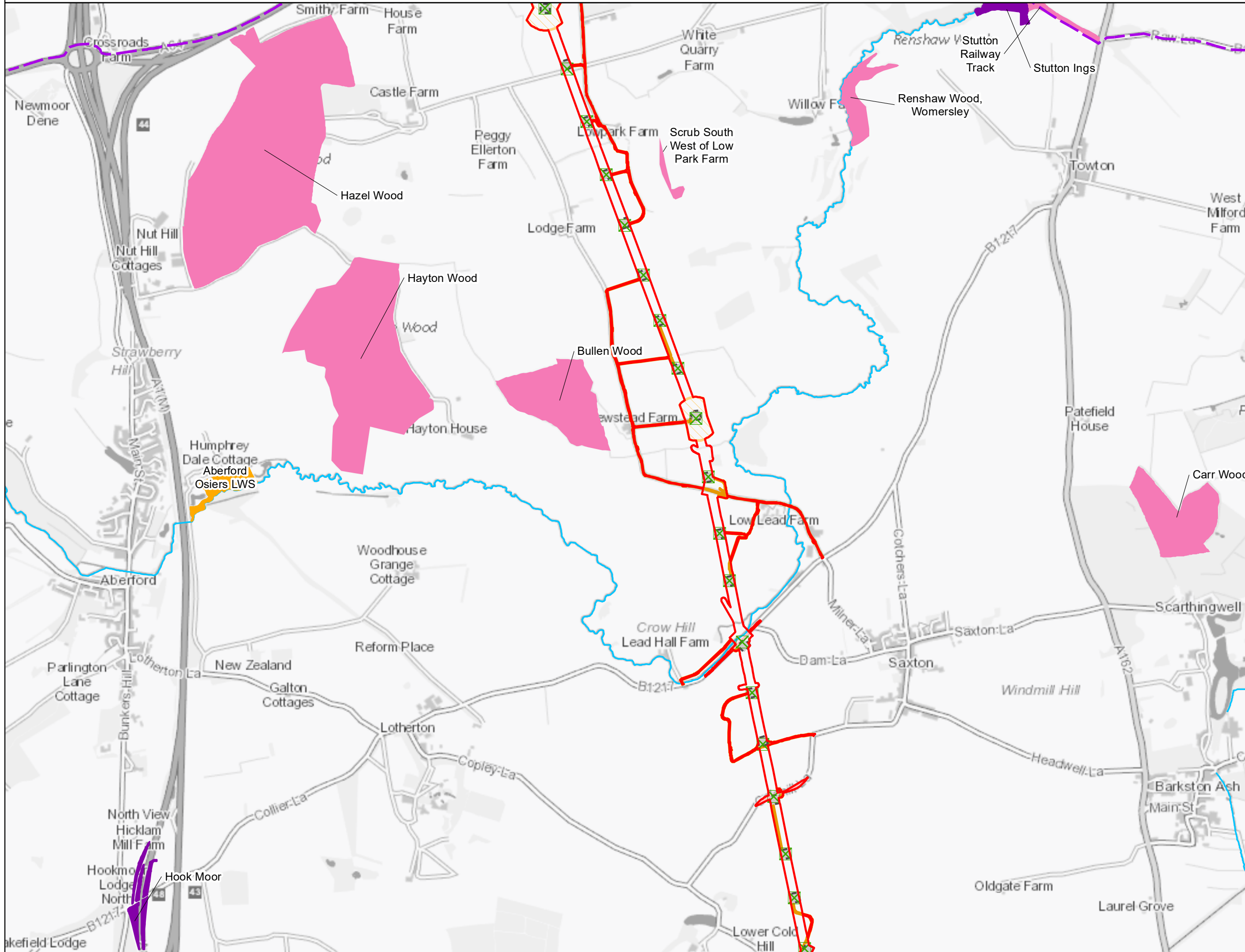
Figure Number: FIGURE 9.4D

Drawing Reference: 806503-WOOD-0221

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



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



Legend

- ▭ Order Limits
- ▬ Section Breaks (A to F)
- ⊗ Existing Lattice Pylon - To be Modified
- Watercourse crossings**
- Existing crossing
- ▲ New culvert crossing
- New bridge crossing
- 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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A	1 Nov 2022	For DCO Submission	COLLJ	DIMMR	CHADC

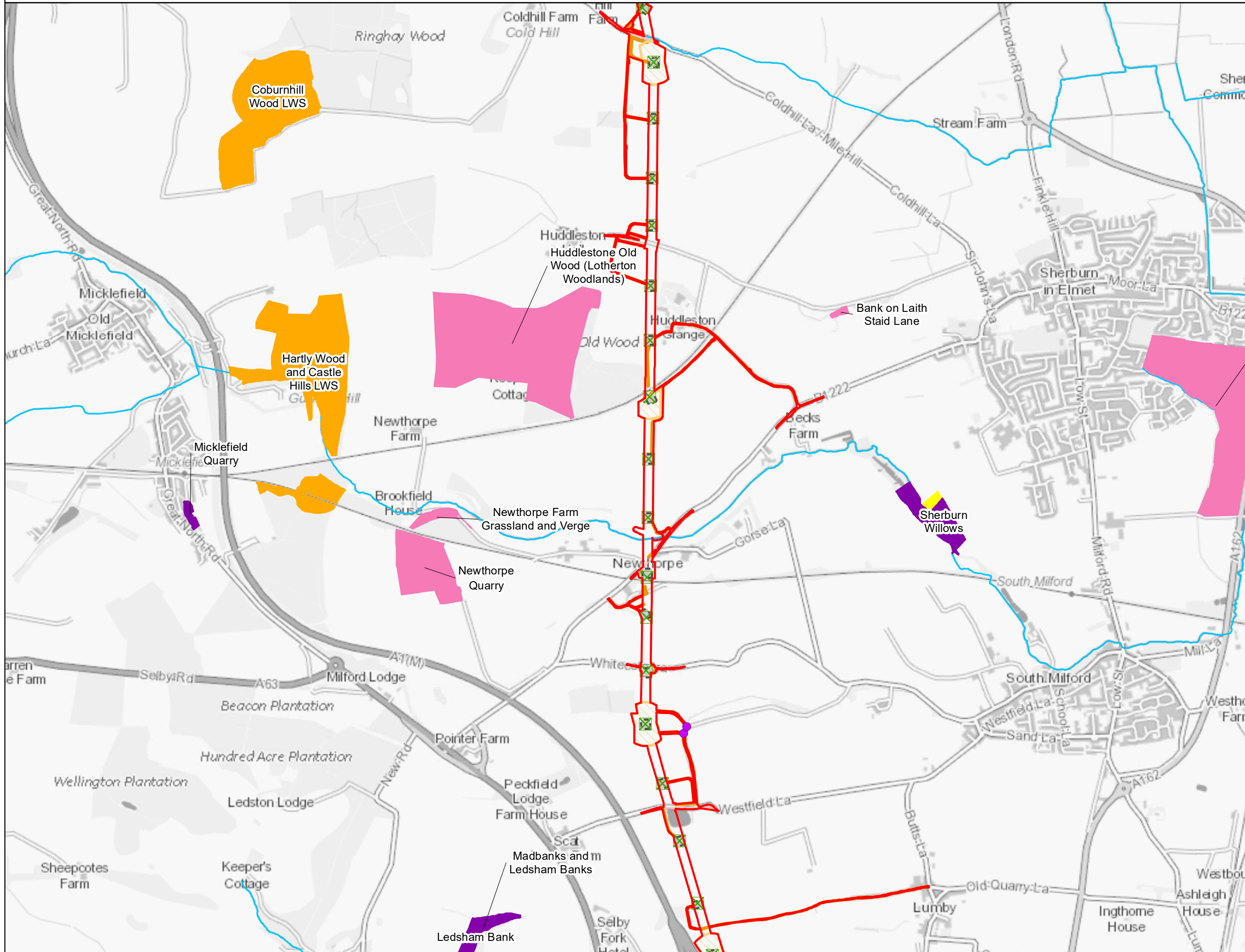
nationalgrid

Figure Number: FIGURE 9.4E
 Drawing Reference: 806503-WOOD-0221

Scale	Sheet Size	Sheet	Issue
1:20,000	A3	SHEET 8 OF 10	A



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



Legend

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

Watercourse crossings

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

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

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Issue	Date	Remarks	Drawn	Checked	Approved

Title

5.4.9, ES CHAPTER 9
 HYDROLOGY
 FIGURE 9.4
 CONSERVATION SITES

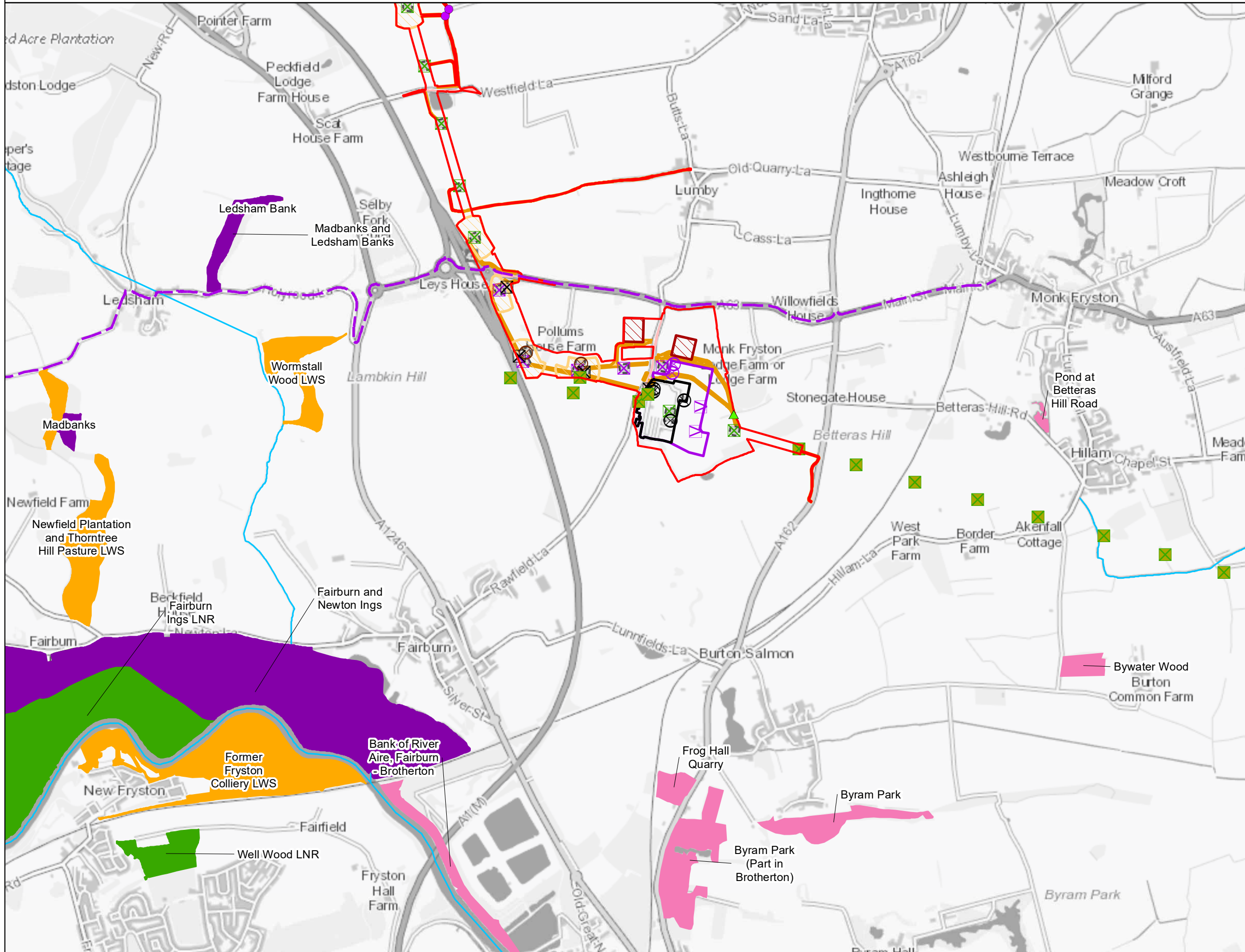
nationalgrid

Figure Number: FIGURE 9.4E
 Drawing Reference: 806503-WOOD-0221

Scale	Sheet Size	Sheet	Issue
1:20,000	A3	SHEET 9 OF 10	A



National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.9, ES Chapter 9 Hydrology Figures
 Figure 9.4 Conservation Sites: 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 culvert crossing
- New bridge crossing

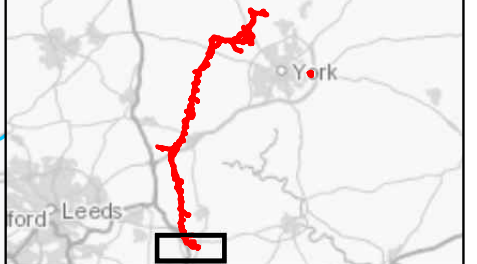
Project infrastructure

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

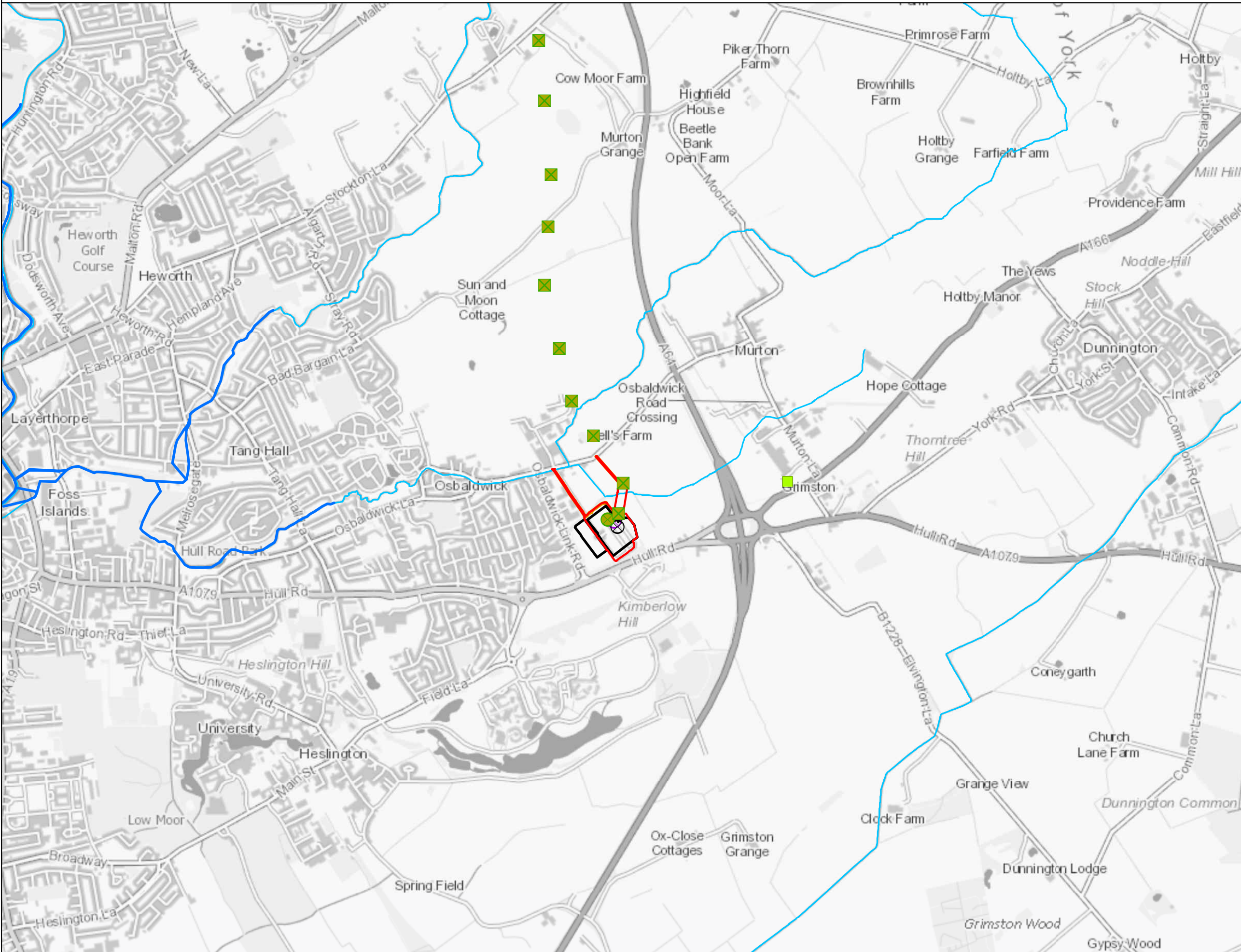
Title
 5.4.9, ES CHAPTER 9
 HYDROLOGY
 FIGURE 9.4
 CONSERVATION SITES

nationalgrid

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



National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.9, ES Chapter 9 Hydrology Figures
 Figure 9.5 Abstractions and Discharges: 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 culvert crossing
- New bridge crossing

Project infrastructure

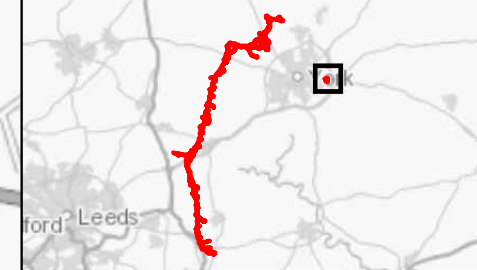
- Existing substation
- Proposed substation area
- Indicative construction compounds
- Indicative cable sealing end compound
- Indicative stringing areas
- Indicative working areas
- Indicative visibility splays
- Indicative access swathe
- Discharges

EA licenced abstractions

- Licenced groundwater abstraction
- Licenced surface water abstraction
- EA Main Rivers
- 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: 484,313.88 Sheet Y Centroid Coordinate: 451,918.16

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Issue	Date	Remarks	Drawn	Checked	Approved

Title

5.4.9, ES CHAPTER 9
 HYDROLOGY
 FIGURE 9.5
 ABSTRACTIONS AND DISCHARGES

nationalgrid

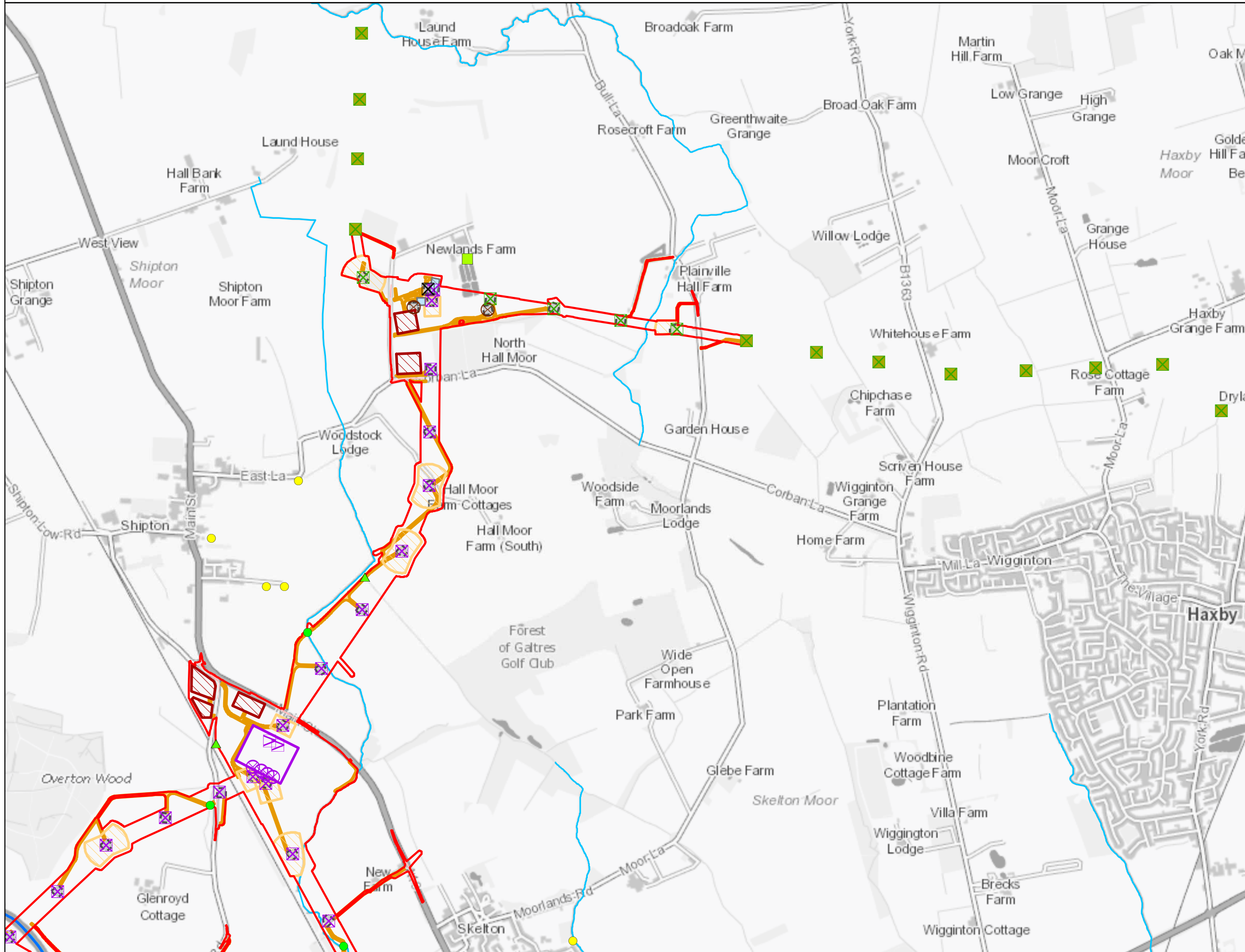
Figure Number: FIGURE 9.5A

Drawing Reference: 806503-WOOD-0222

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 Abstractions and Discharges: 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 culvert crossing
- New bridge 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
- 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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Issue	Date	Remarks	Drawn	Checked	Approved

Title

5.4.9, ES CHAPTER 9
 HYDROLOGY
 FIGURE 9.5
 ABSTRACTIONS AND DISCHARGES

nationalgrid

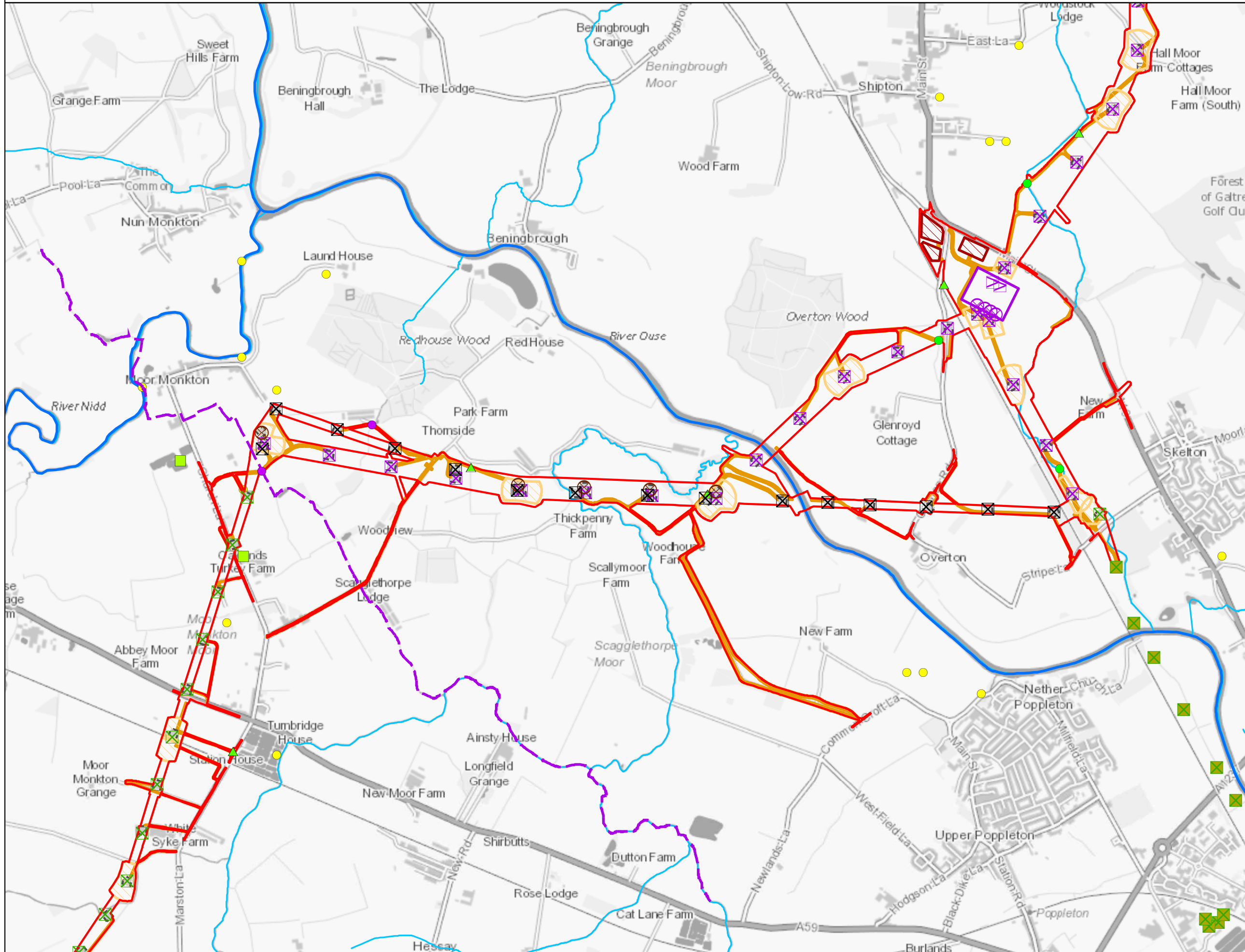
Figure Number: FIGURE 9.5B

Drawing Reference: 806503-WOOD-0222

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



National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.9, ES Chapter 9 Hydrology Figures
 Figure 9.5 Abstractions and Discharges: 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 culvert crossing
- New bridge crossing

Project infrastructure

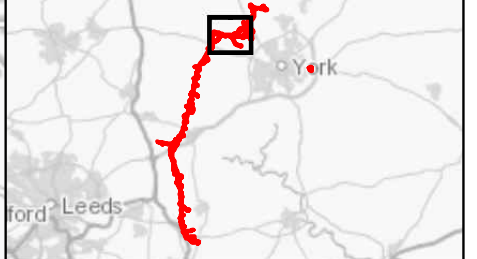
- Existing substation
- Proposed substation area
- Indicative construction compounds
- Indicative cable sealing end compound
- Indicative stringing areas
- Indicative working areas
- Indicative visibility splays
- Indicative access swathe
- Discharges

EA licenced abstractions

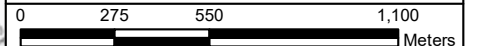
- Licenced groundwater abstraction
- Licenced surface water abstraction
- EA Main Rivers
- WFD Watercourses

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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**5.4.9, ES CHAPTER 9
 HYDROLOGY
 FIGURE 9.5
 ABSTRACTIONS AND DISCHARGES**



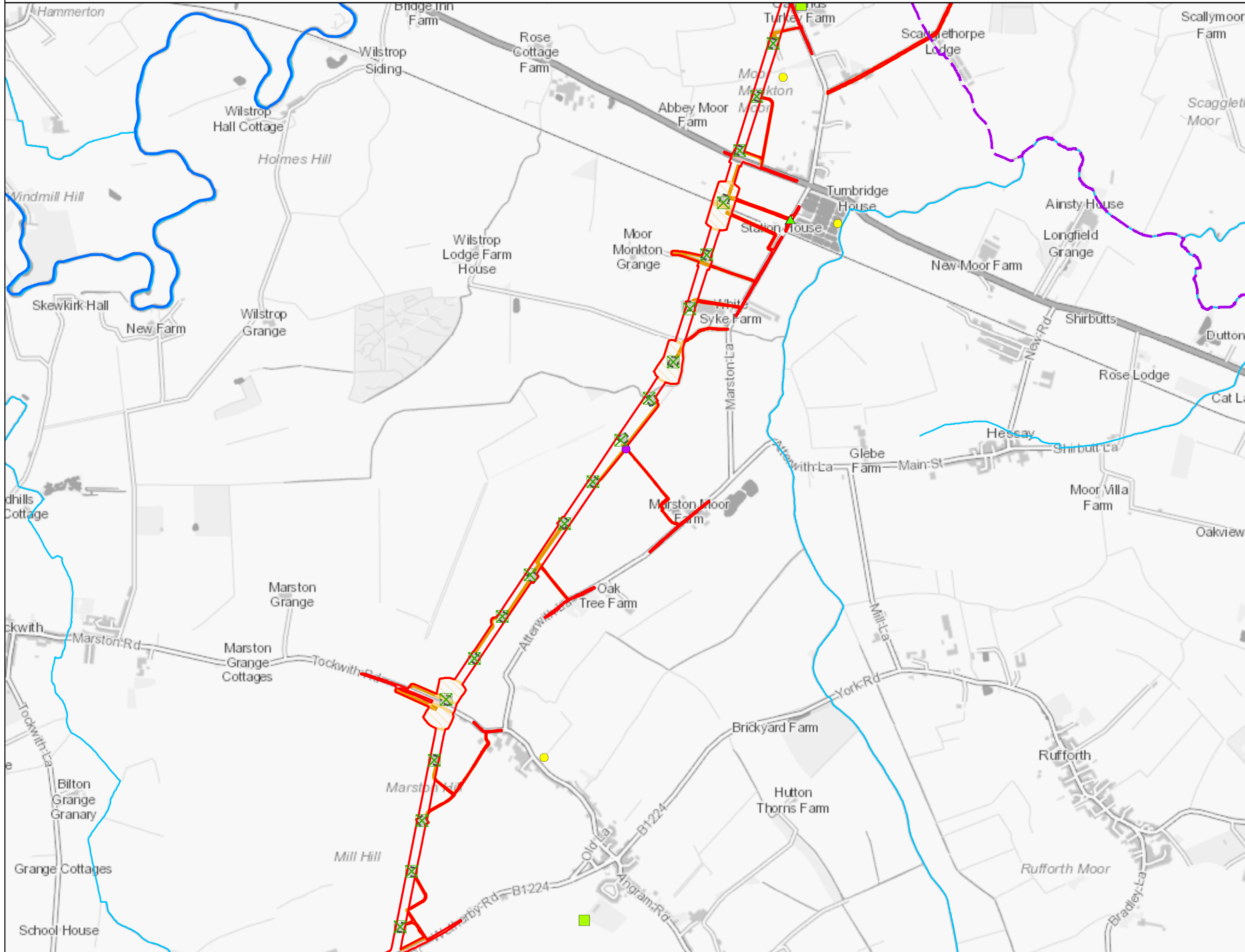
Figure Number: FIGURE 9.5B

Drawing Reference: 806503-WOOD-0222

Scale	Sheet Size	Sheet	Issue
1:22,000	A3	SHEET 3 OF 10	A



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



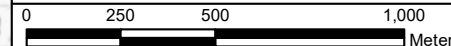
- Legend**
- ▬ Order Limits
 - ▬ Section Breaks (A to F)
 - ⊗ Existing Lattice Pylon - To be Modified
 - Watercourse crossings**
 - Existing crossing
 - ▲ New culvert crossing
 - New bridge crossing
 - Project infrastructure**
 - Existing substation
 - Proposed substation area
 - Indicative construction compounds
 - Indicative cable sealing end compound
 - Indicative stringing areas
 - Indicative working areas
 - Indicative visibility splays
 - Indicative access swathe
 - 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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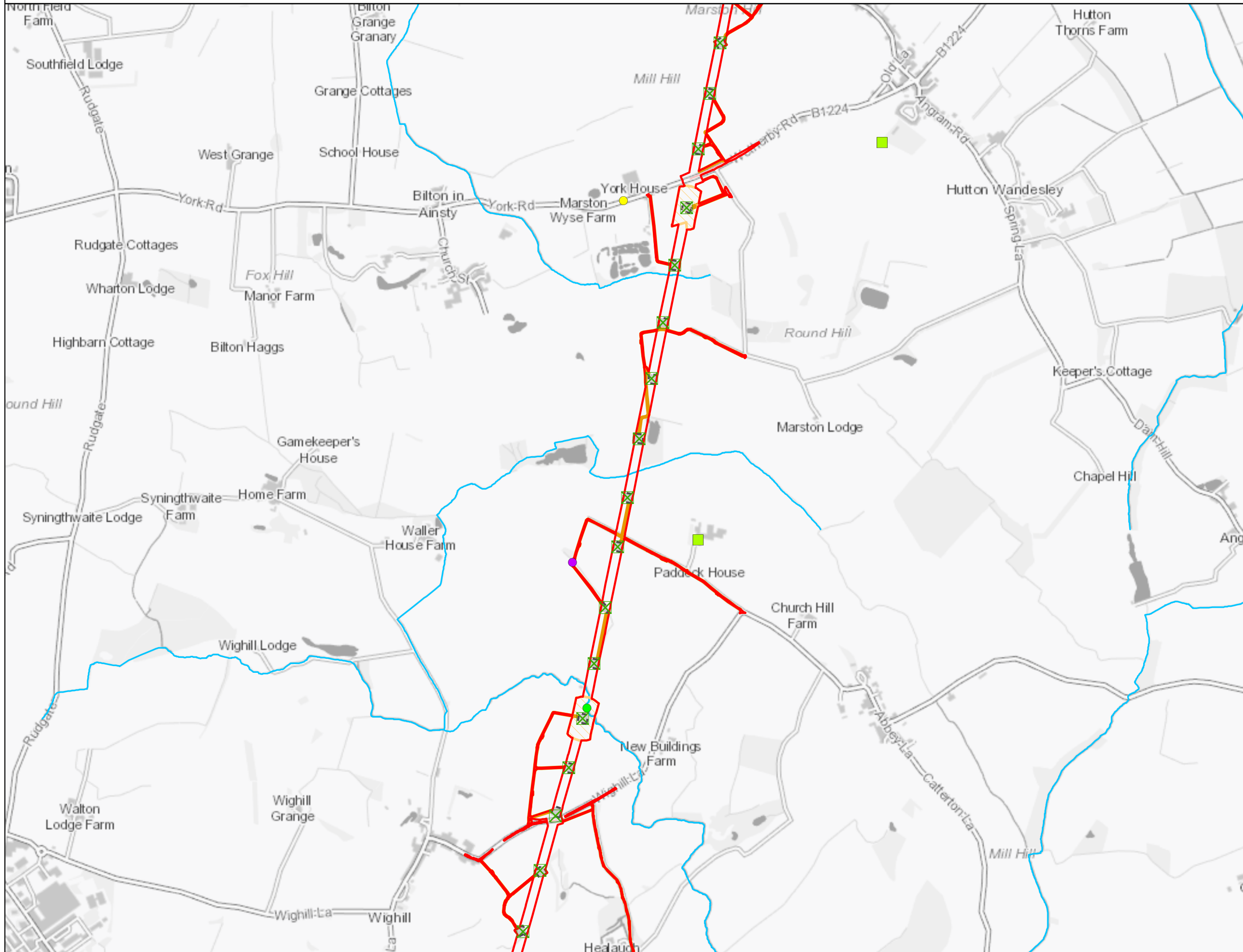
A	1 Nov 2022	For DCO Submission	COLLJ	DIMMR	CHADC
Issue	Date	Remarks	Drawn	Checked	Approved

**5.4.9, ES CHAPTER 9
 HYDROLOGY
 FIGURE 9.5
 ABSTRACTIONS AND DISCHARGES**

nationalgrid			
Figure Number		FIGURE 9.5C	
Drawing Reference		806503-WOOD-0222	
Scale	Sheet Size	Sheet	Issue
1:20,000	A3	SHEET 4 OF 10	A



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



Legend

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

Watercourse crossings

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

Title

5.4.9, ES CHAPTER 9
 HYDROLOGY
 FIGURE 9.5
 ABSTRACTIONS AND DISCHARGES

nationalgrid

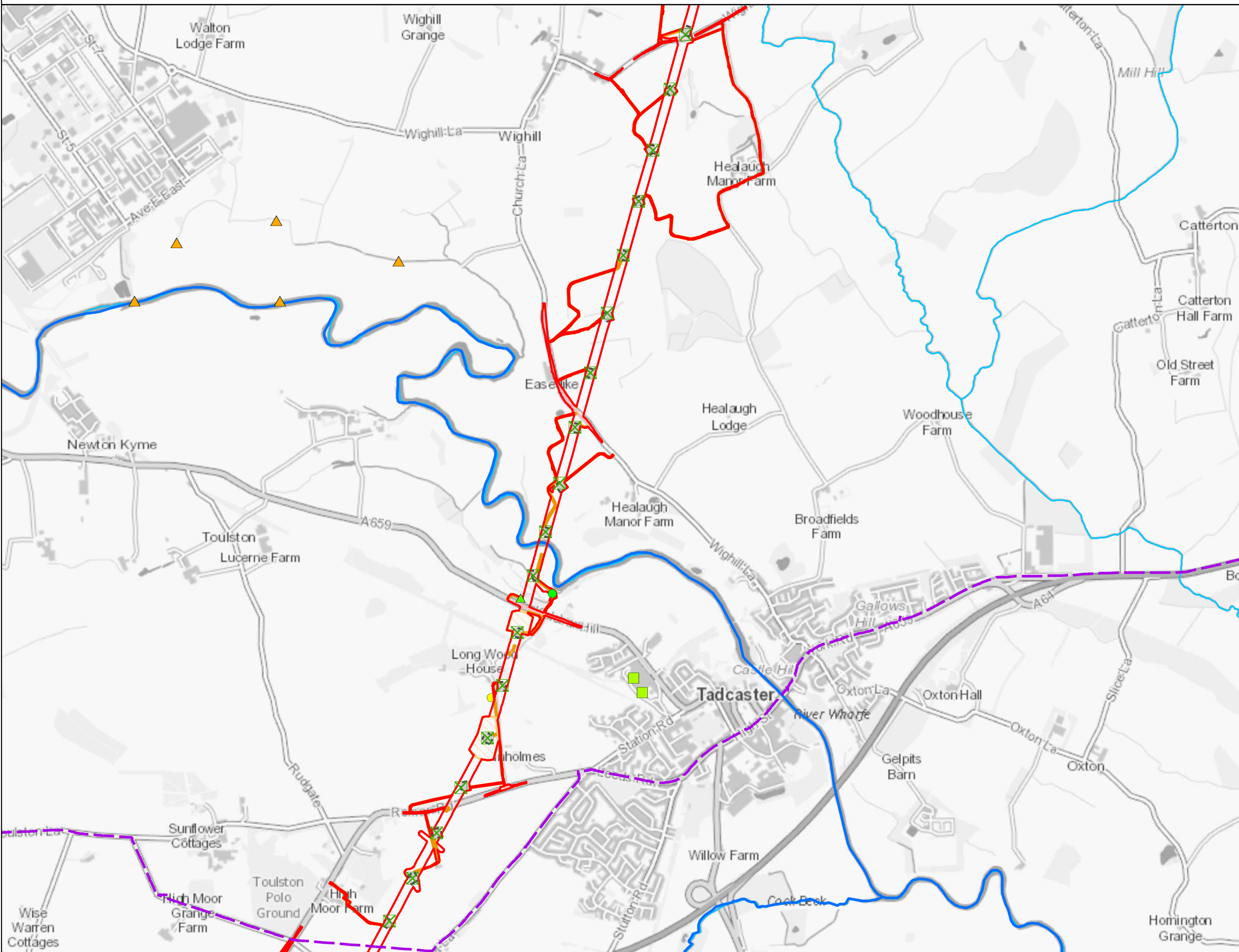
Figure Number: FIGURE 9.5C

Drawing Reference: 806503-WOOD-0222

Scale	Sheet Size	Sheet	Issue
1:20,000	A3	SHEET 5 OF 10	A



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



- Legend**
- ▭ Order Limits
 - ▬ Section Breaks (A to F)
 - ⊠ Existing Lattice Pylon - To be Modified
 - Watercourse crossings**
 - Existing crossing
 - ▲ New culvert crossing
 - New bridge 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
 - 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: 447,884.76 Sheet Y Centroid Coordinate: 444,641.53

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Issue	Date	Remarks	Drawn	Checked	Approved

Title

5.4.9, ES CHAPTER 9
 HYDROLOGY
 FIGURE 9.5
 ABSTRACTIONS AND DISCHARGES

nationalgrid

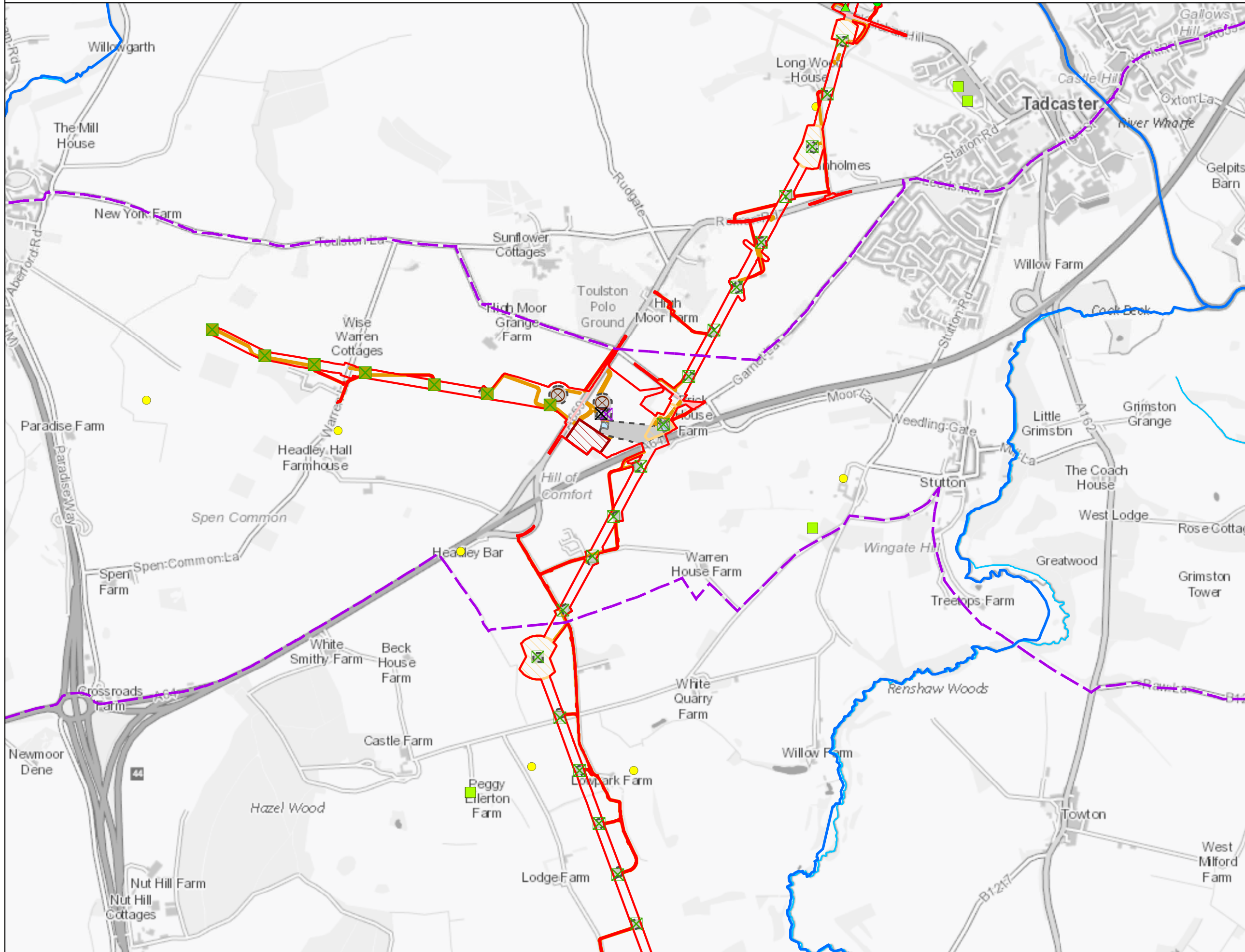
Figure Number: FIGURE 9.5C

Drawing Reference: 806503-WOOD-0222

Scale	Sheet Size	Sheet	Issue
1:20,000	A3	SHEET 6 OF 10	A



National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.9, ES Chapter 9 Hydrology Figures
 Figure 9.5 Abstractions and Discharges: 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 culvert crossing
- New bridge 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
- 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

Title

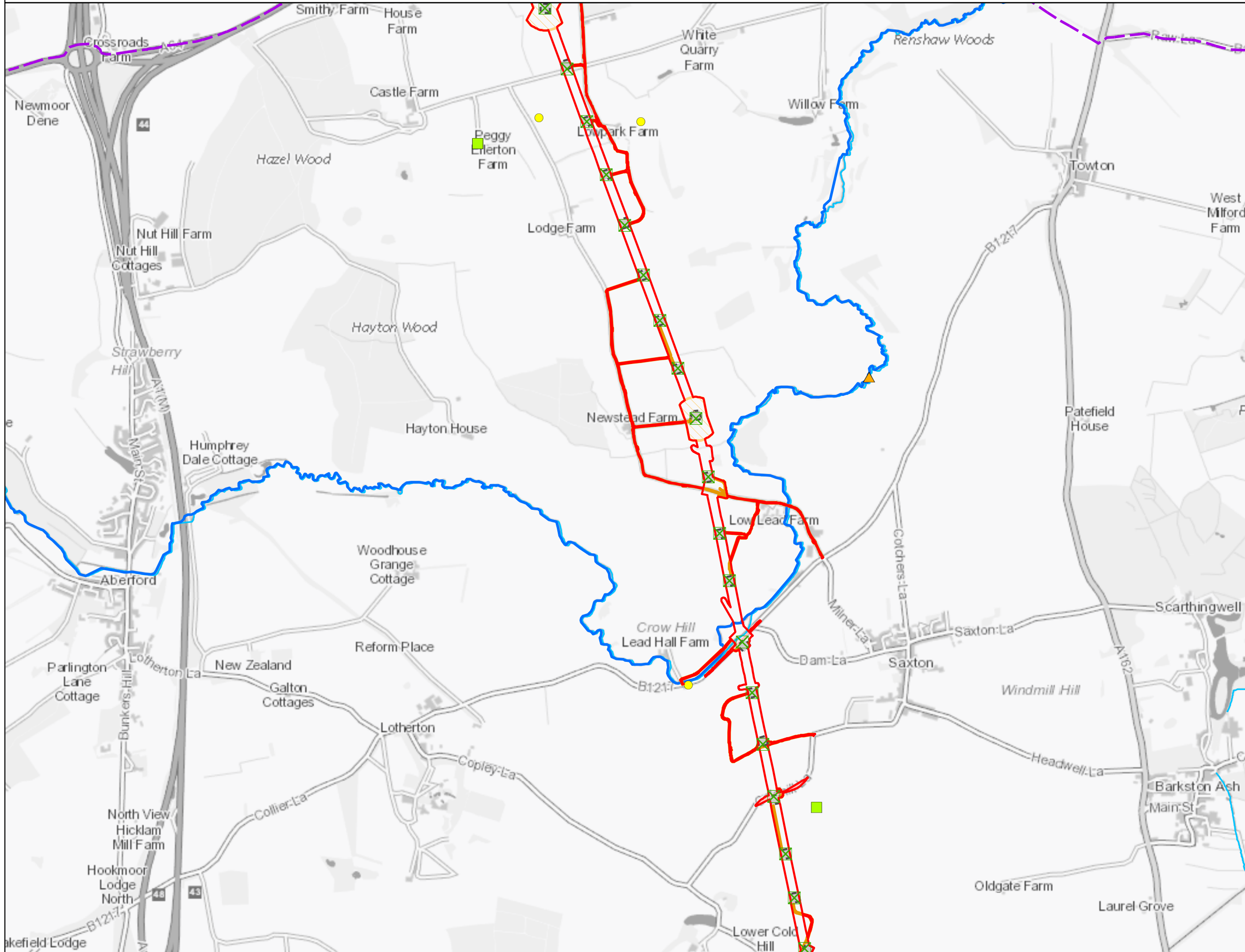
5.4.9, ES CHAPTER 9
 HYDROLOGY
 FIGURE 9.5
 ABSTRACTIONS AND DISCHARGES

nationalgrid

Figure Number	FIGURE 9.5D		
Drawing Reference	806503-WOOD-0222		
Scale	Sheet Size	Sheet	Issue
1:20,000	A3	SHEET 7 OF 10	A



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



Legend

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

Watercourse crossings

- Existing crossing
- ▲ New culvert crossing
- New bridge 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
- 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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A	1 Nov 2022	For DCO Submission	COLLJ	DIMMR	CHADC

**5.4.9, ES CHAPTER 9
 HYDROLOGY
 FIGURE 9.5
 ABSTRACTIONS AND DISCHARGES**

nationalgrid

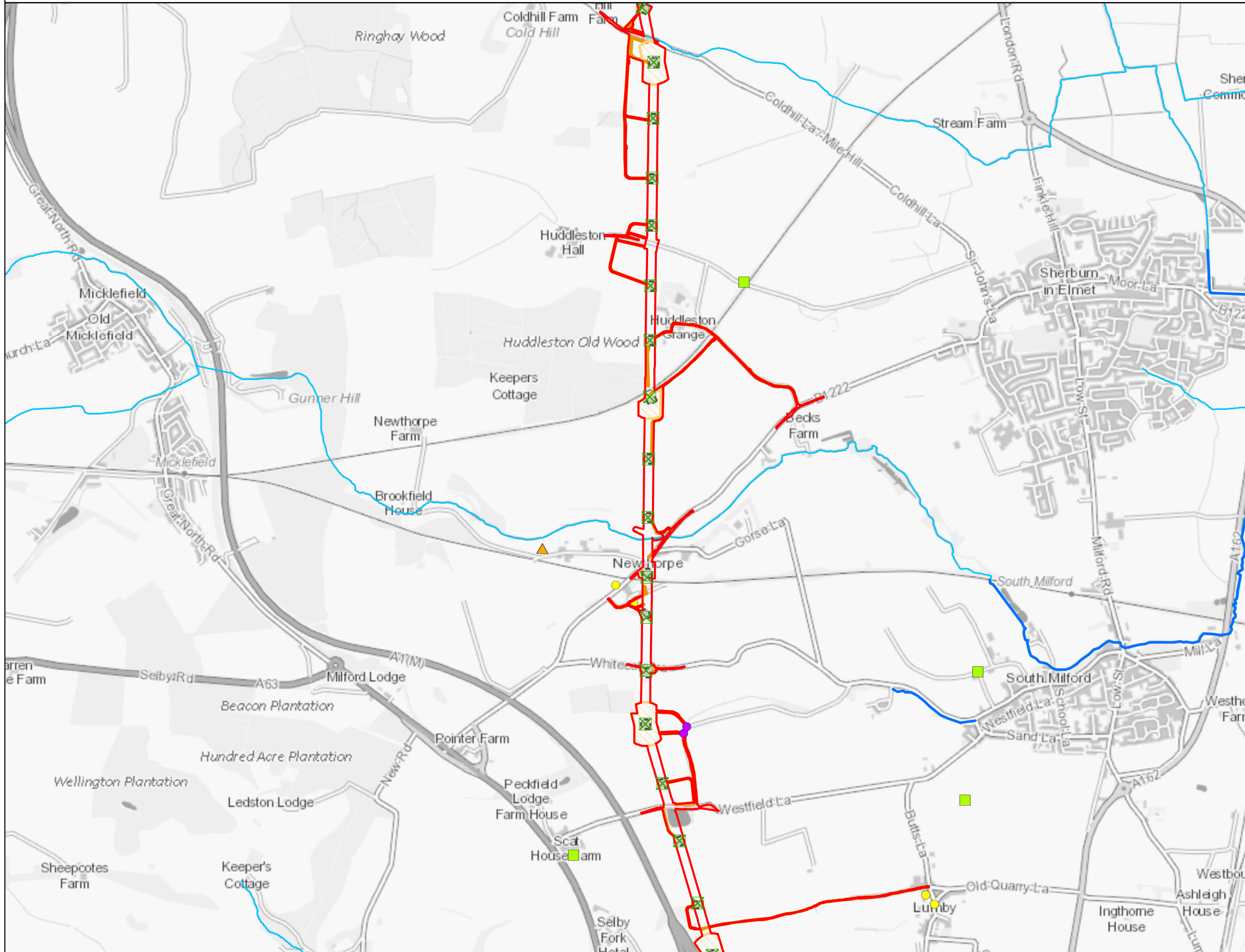
Figure Number: FIGURE 9.5E

Drawing Reference: 806503-WOOD-0222

Scale	Sheet Size	Sheet	Issue
1:20,000	A3	SHEET 8 OF 10	A



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



Legend

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

Watercourse crossings

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

EA licenced abstractions

- Licenced groundwater abstraction
- ▲ Licenced surface water abstraction
- EA Main Rivers
- WFD Watercourses

Please note:
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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

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 9.5
 ABSTRACTIONS AND DISCHARGES

nationalgrid

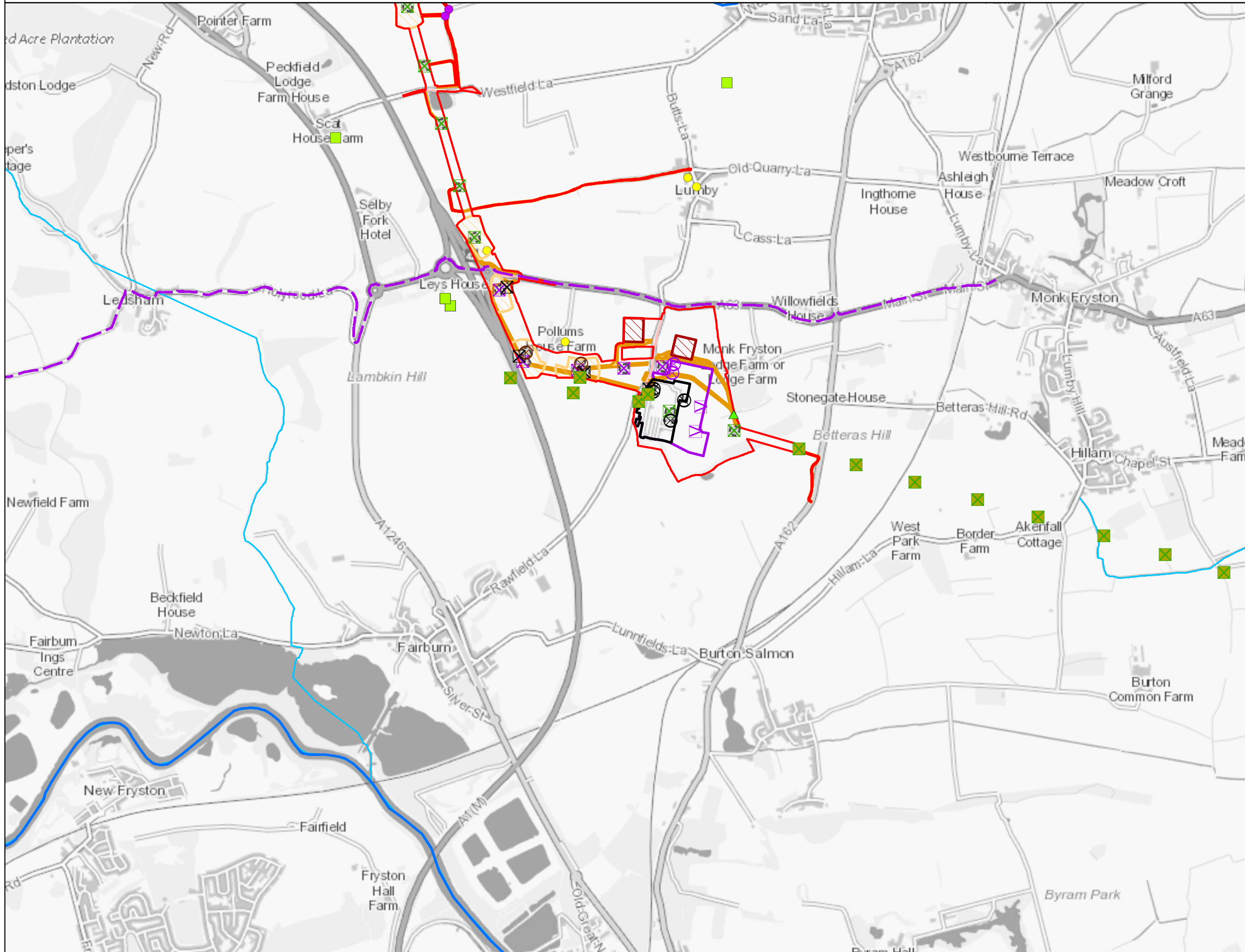
Figure Number: FIGURE 9.5E

Drawing Reference: 806503-WOOD-0222

Scale	Sheet Size	Sheet	Issue
1:20,000	A3	SHEET 9 OF 10	A



National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.9, ES Chapter 9 Hydrology Figures
 Figure 9.5 Abstractions and Discharges: 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 culvert crossing
- New bridge 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
- Discharges

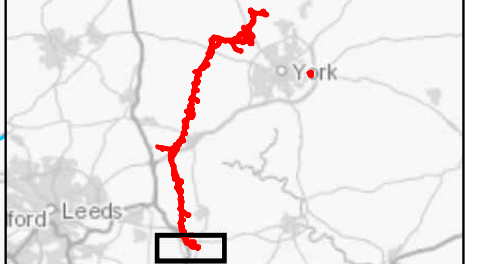
EA licenced abstractions

- 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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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 9.5
 ABSTRACTIONS AND DISCHARGES

nationalgrid

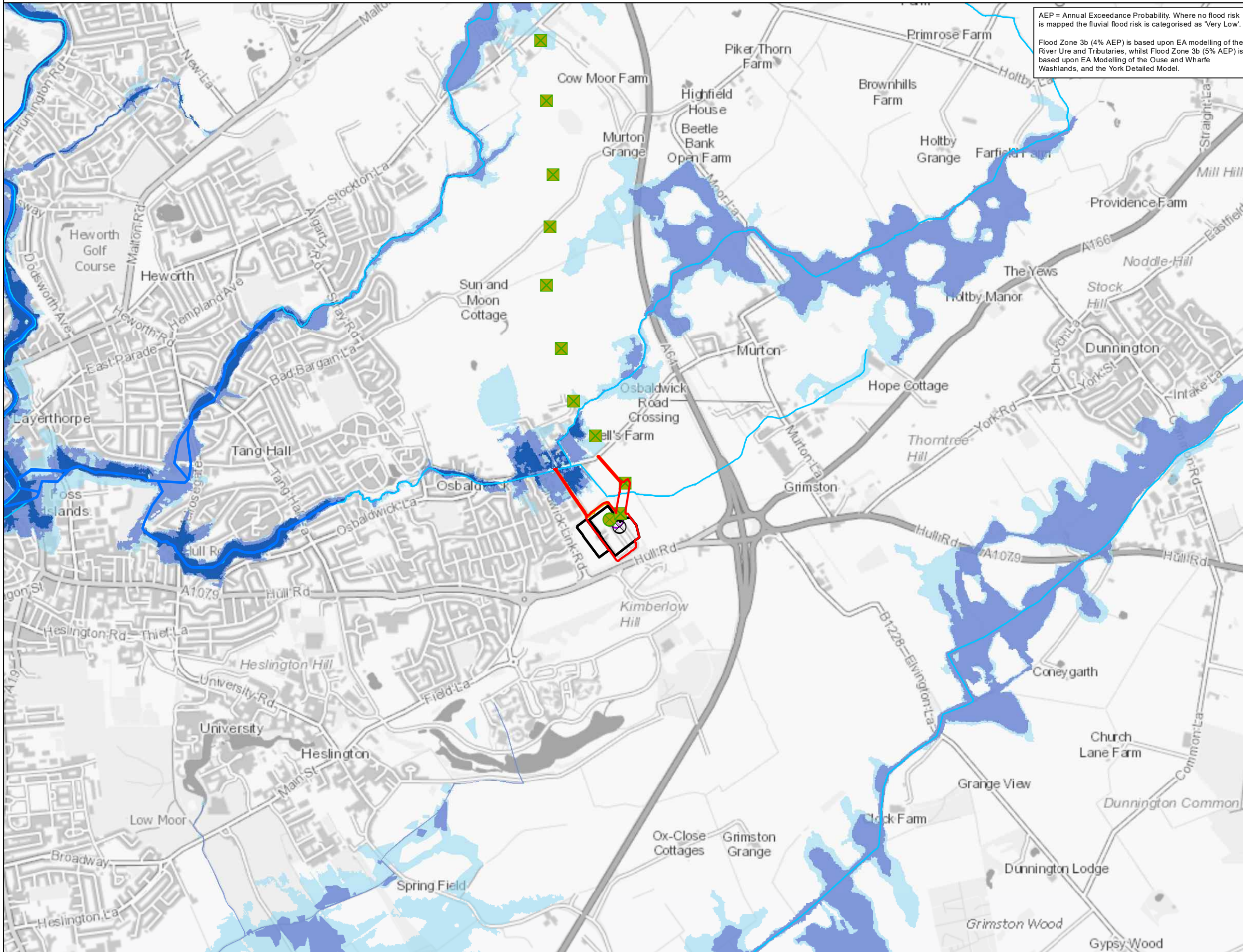
Figure Number: FIGURE 9.5F

Drawing Reference: 806503-WOOD-0222

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



National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.9, ES Chapter 9 Hydrology Figures
 Figure 9.6 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
- 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 culvert crossing
- New bridge crossing

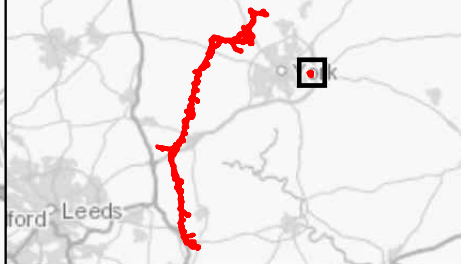
Project infrastructure

- 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

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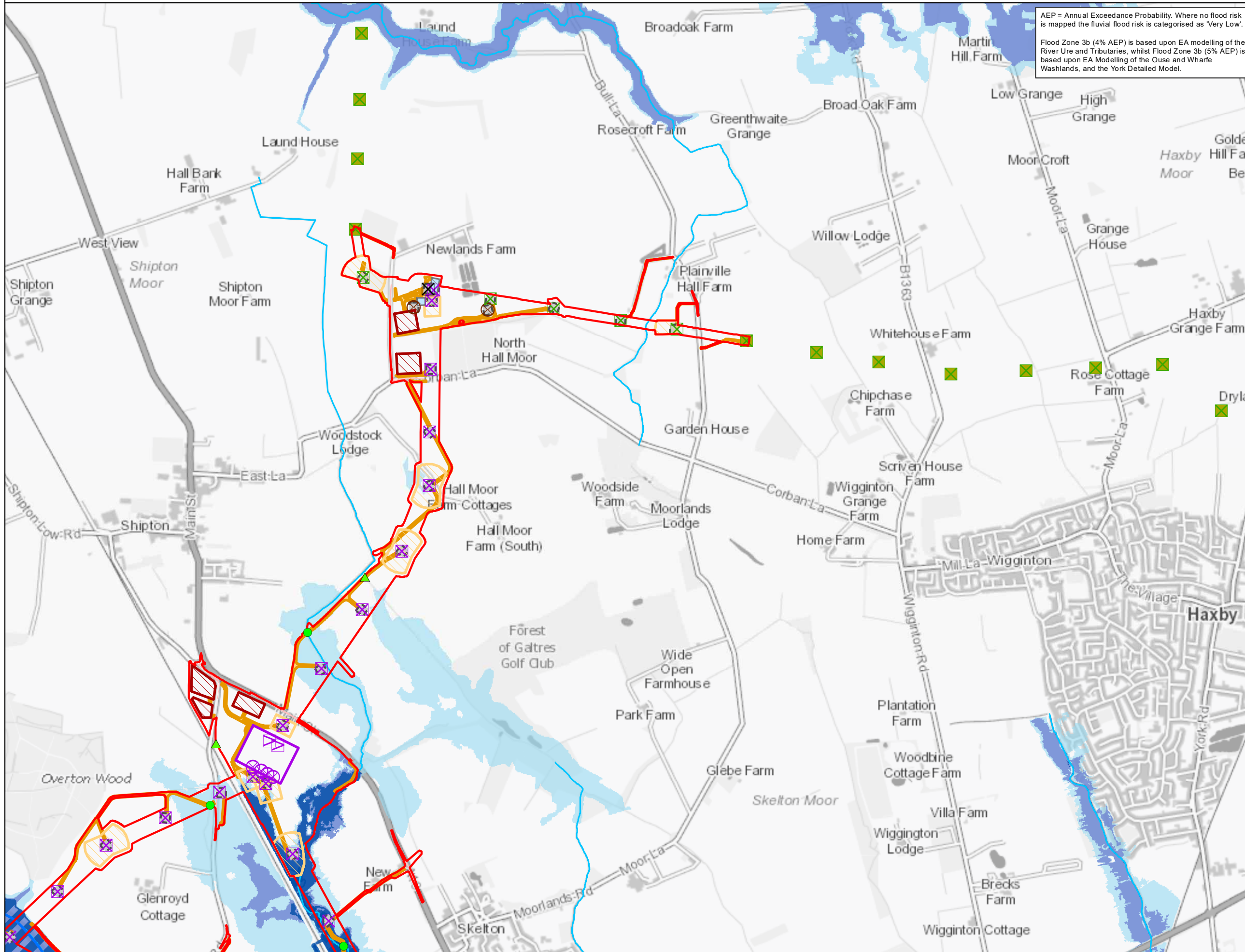
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A	1 Nov 2022	For DCO Submission	COLLJ	DIMMR	CHADC

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Figure Number: FIGURE 9.6A
 Drawing Reference: 806503-WOOD-0223
 Scale: 1:20,000
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 Sheet: SHEET 1 OF 10
 Issue: A



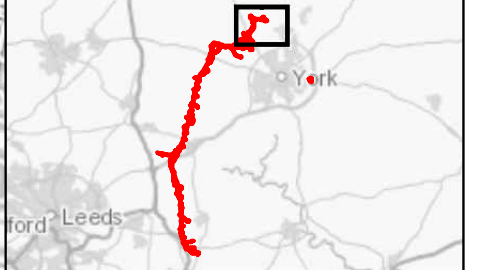
National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.9, ES Chapter 9 Hydrology Figures
 Figure 9.6 Fluvial Flood Risk: Section B



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
 - 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 culvert crossing
 - New bridge crossing
- 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

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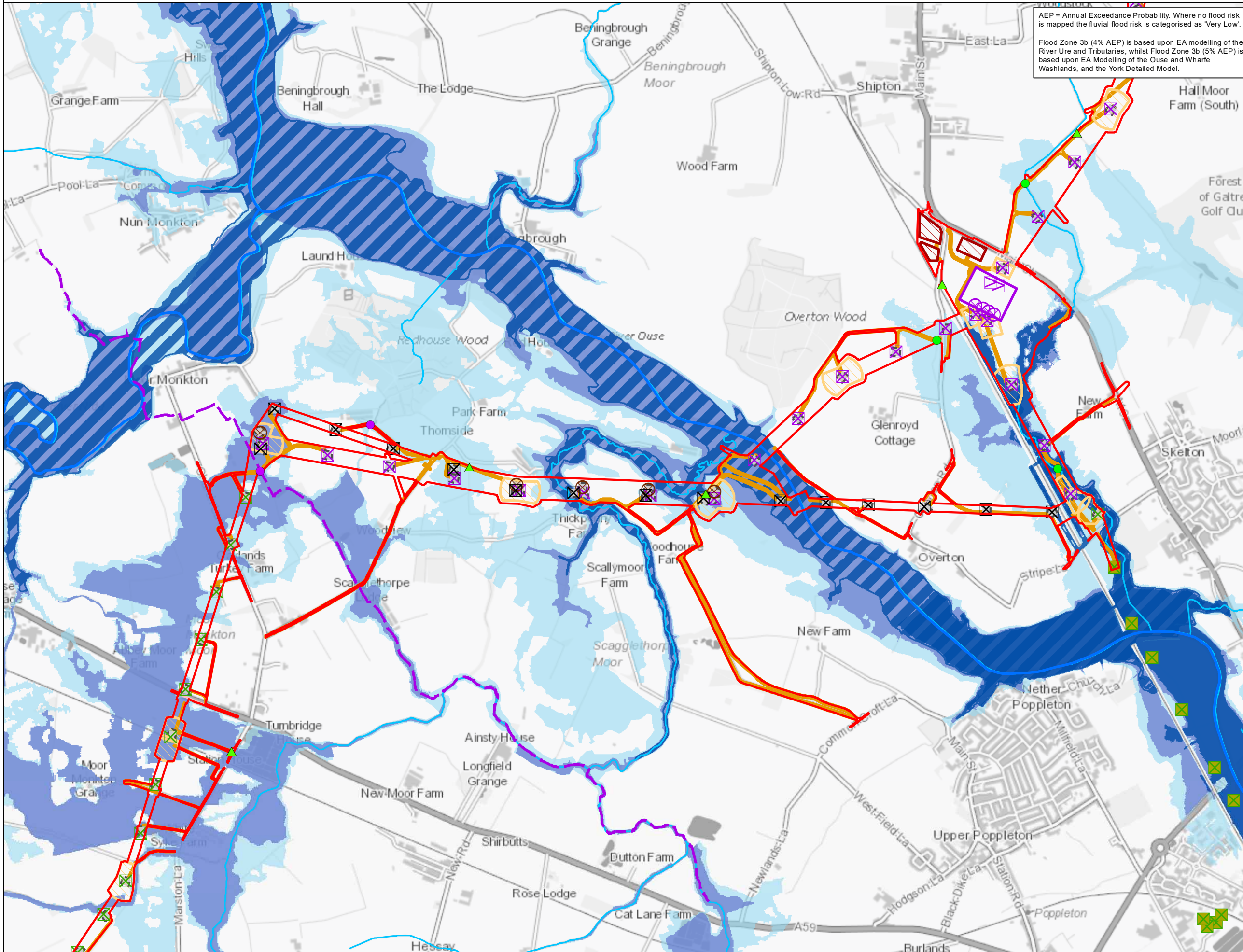
A	1 Nov 2022	For DCO Submission	COLLJ	DIMMR	CHADC
Issue	Date	Remarks	Drawn	Checked	Approved

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

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Figure Number		FIGURE 9.6B	
Drawing Reference		806503-WOOD-0223	
Scale	Sheet Size	Sheet	Issue
1:20,000	A3	SHEET 2 OF 10	A



National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.9, ES Chapter 9 Hydrology Figures
 Figure 9.6 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 Ouse 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
- 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 culvert crossing
- ▲ New bridge crossing

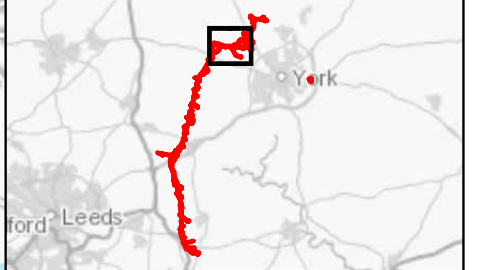
Project infrastructure

- 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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A	1 Nov 2022	For DCO Submission	COLLJ	DIMMR	CHADC

Title

5.4.9, ES CHAPTER 9
 HYDROLOGY
 FIGURE 9.6
 FLUVIAL FLOOD RISK

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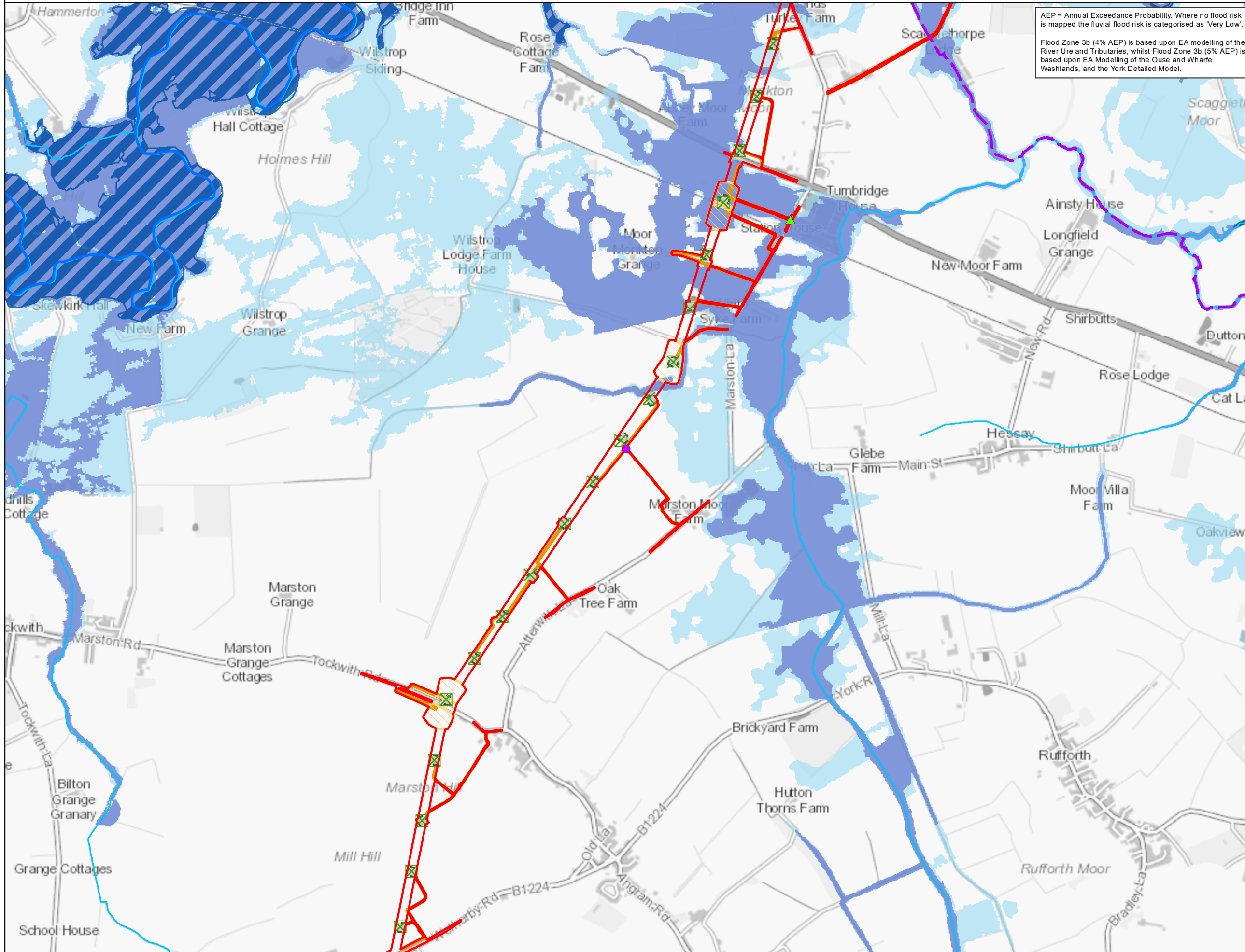
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Drawing Reference: 806503-WOOD-0223

Scale	Sheet Size	Sheet	Issue
1:22,000	A3	SHEET 3 OF 10	A



National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.9, ES Chapter 9 Hydrology Figures
 Figure 9.6 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
- Section Breaks (A to F)
- Existing Lattice Pylon - To be Modified

Watercourse crossings

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

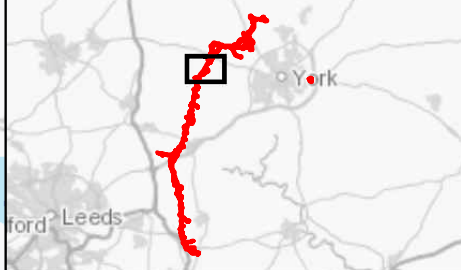
Project infrastructure

- 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

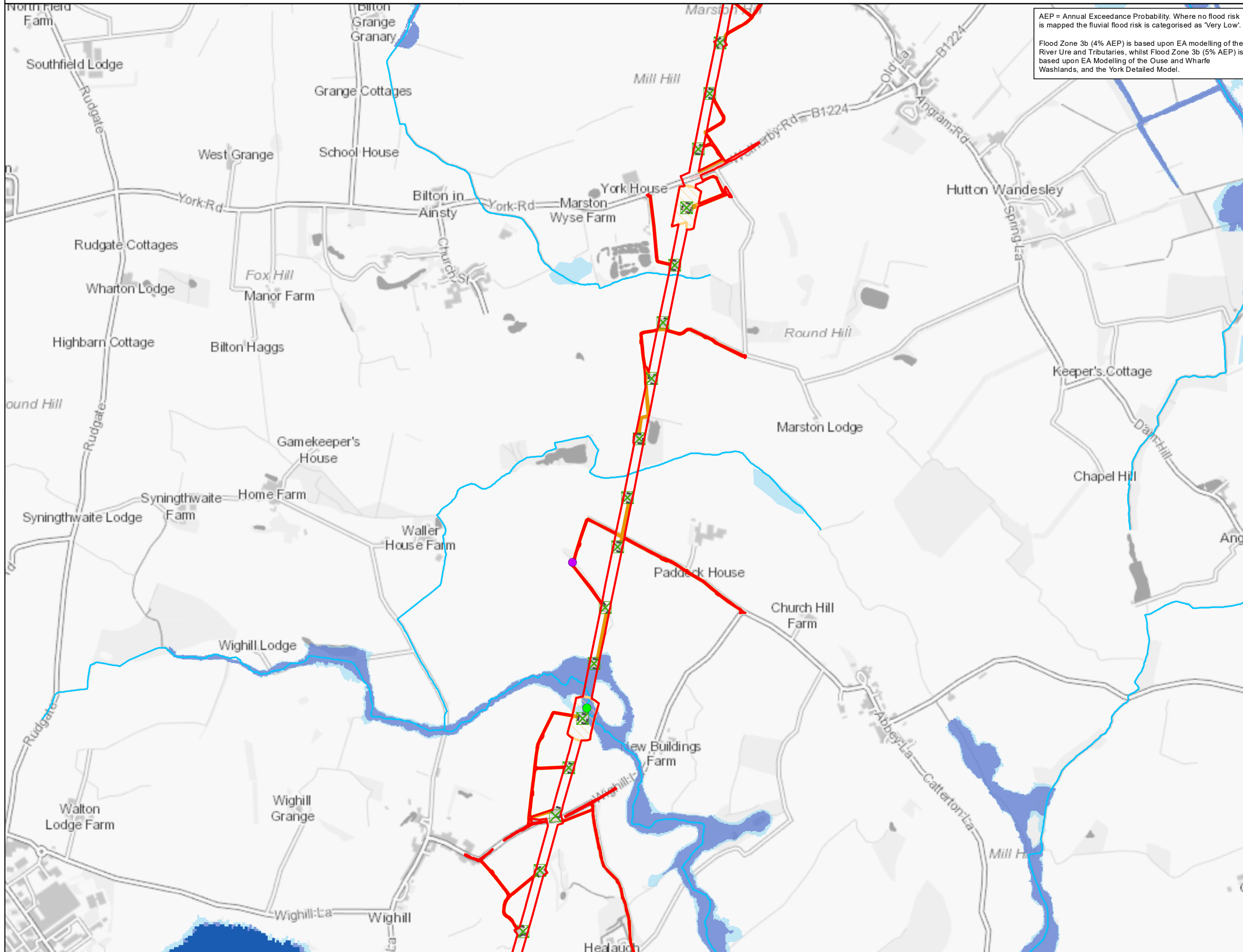
5.4.9, ES CHAPTER 9
 HYDROLOGY
 FIGURE 9.6
 FLUVIAL FLOOD RISK

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Figure Number: FIGURE 9.6C
 Drawing Reference: 806503-WOOD-0223
 Scale: 1:20,000 Sheet Size: A3 Sheet: SHEET 4 OF 10 Issue: A



National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.9, ES Chapter 9 Hydrology Figures
 Figure 9.6 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
- Section Breaks (A to F)
- Existing Lattice Pylon - To be Modified

Watercourse crossings

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

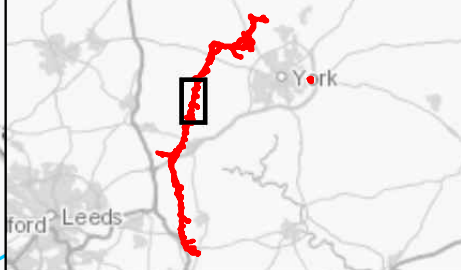
Project infrastructure

- 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

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Issue	Date	Remarks	Drawn	Checked	Approved	

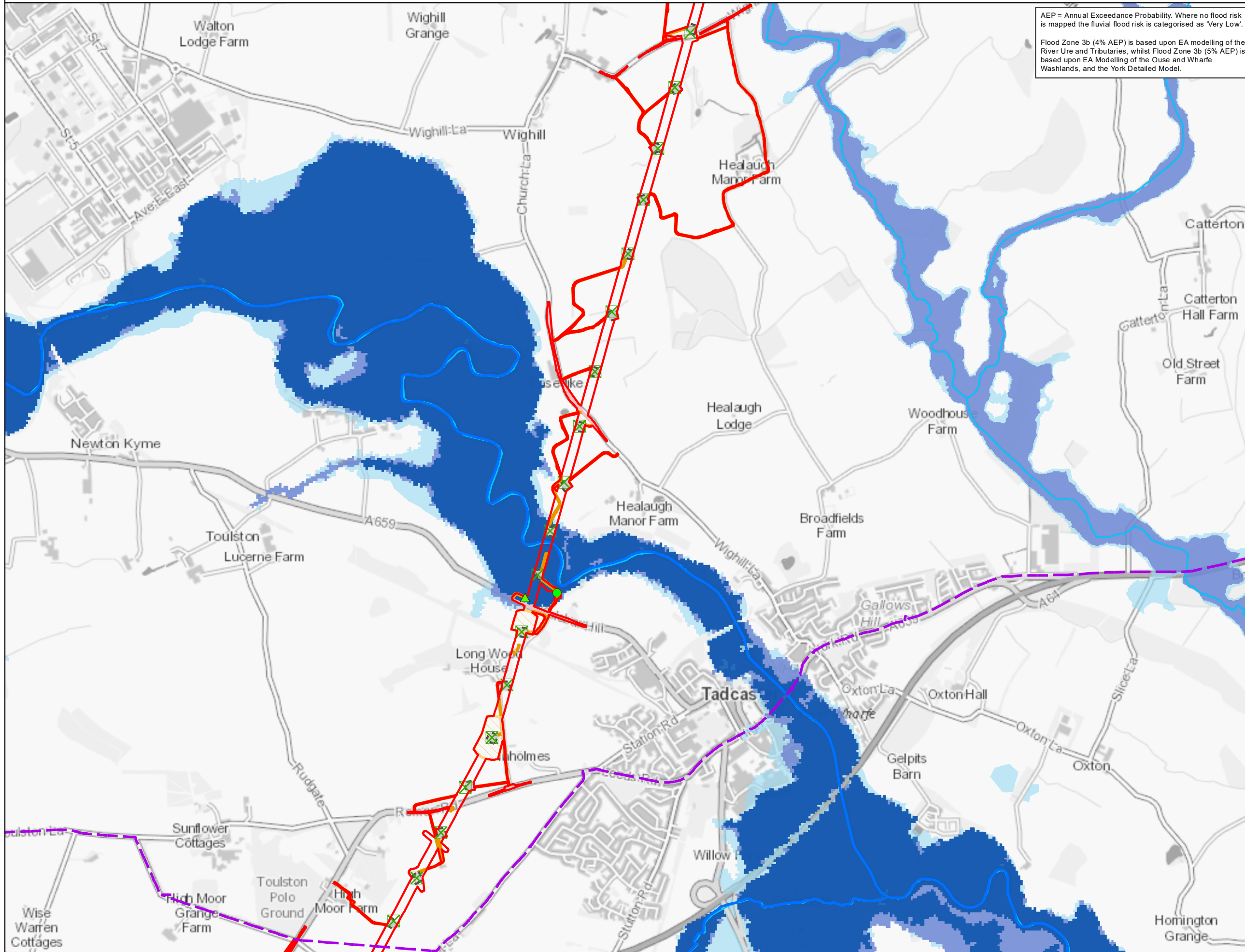
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 HYDROLOGY
 FIGURE 9.6
 FLUVIAL FLOOD RISK

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Figure Number: FIGURE 9.6C
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 Scale: 1:20,000
 Sheet Size: A3
 Sheet: SHEET 5 OF 10
 Issue: A



National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.9, ES Chapter 9 Hydrology Figures
 Figure 9.6 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
- Section Breaks (A to F)
- Existing Lattice Pylon - To be Modified

Watercourse crossings

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

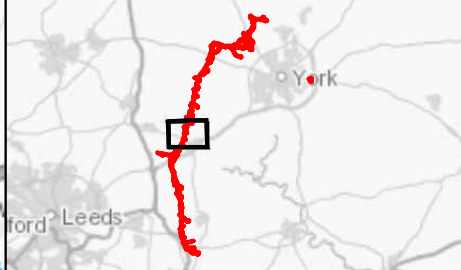
Project infrastructure

- 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
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Issue	Date	Remarks	Drawn	Checked	Approved

Title

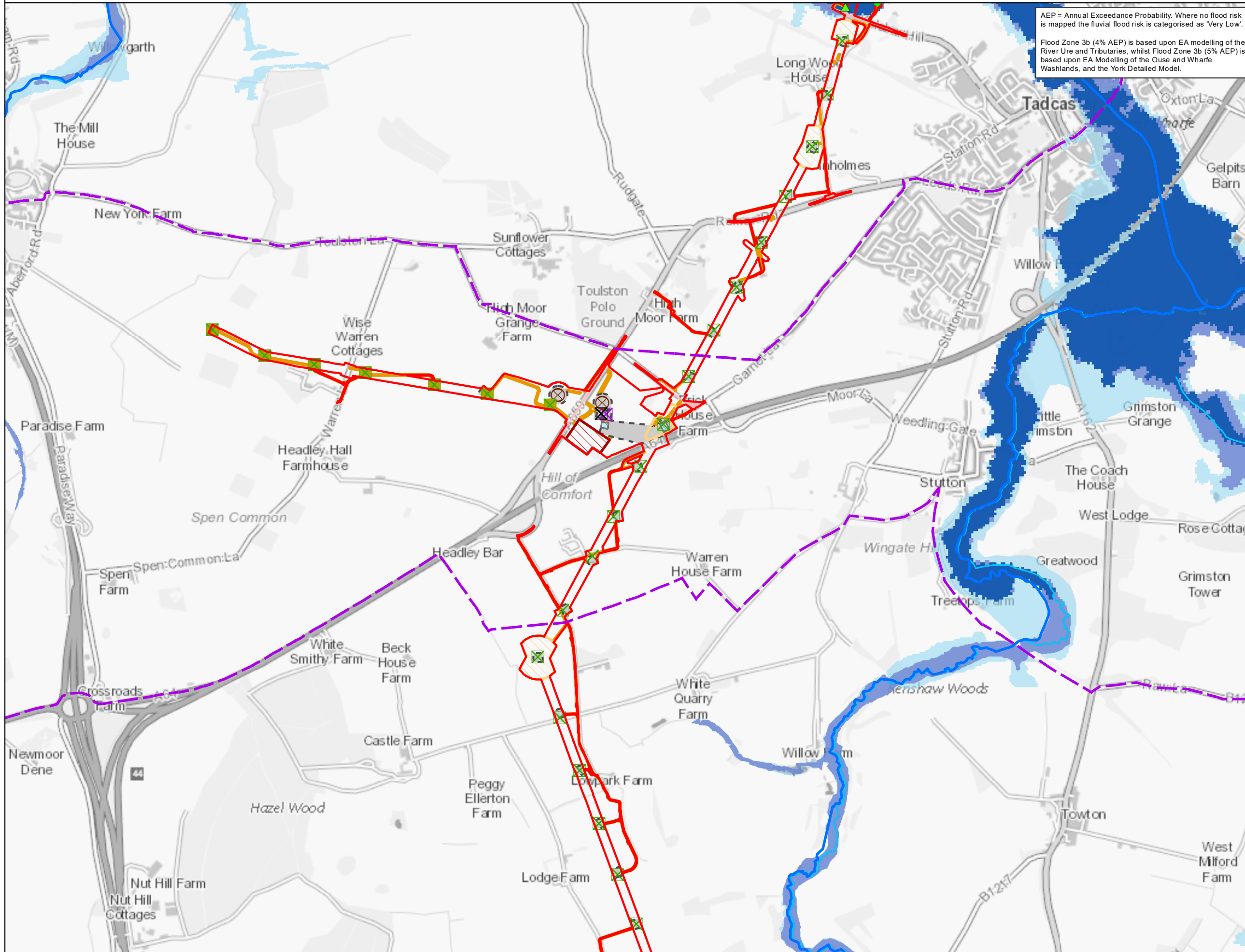
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 HYDROLOGY
 FIGURE 9.6
 FLUVIAL FLOOD RISK

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



National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.9, ES Chapter 9 Hydrology Figures
 Figure 9.6 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
 - 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 culvert crossing
 - New bridge crossing
- 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
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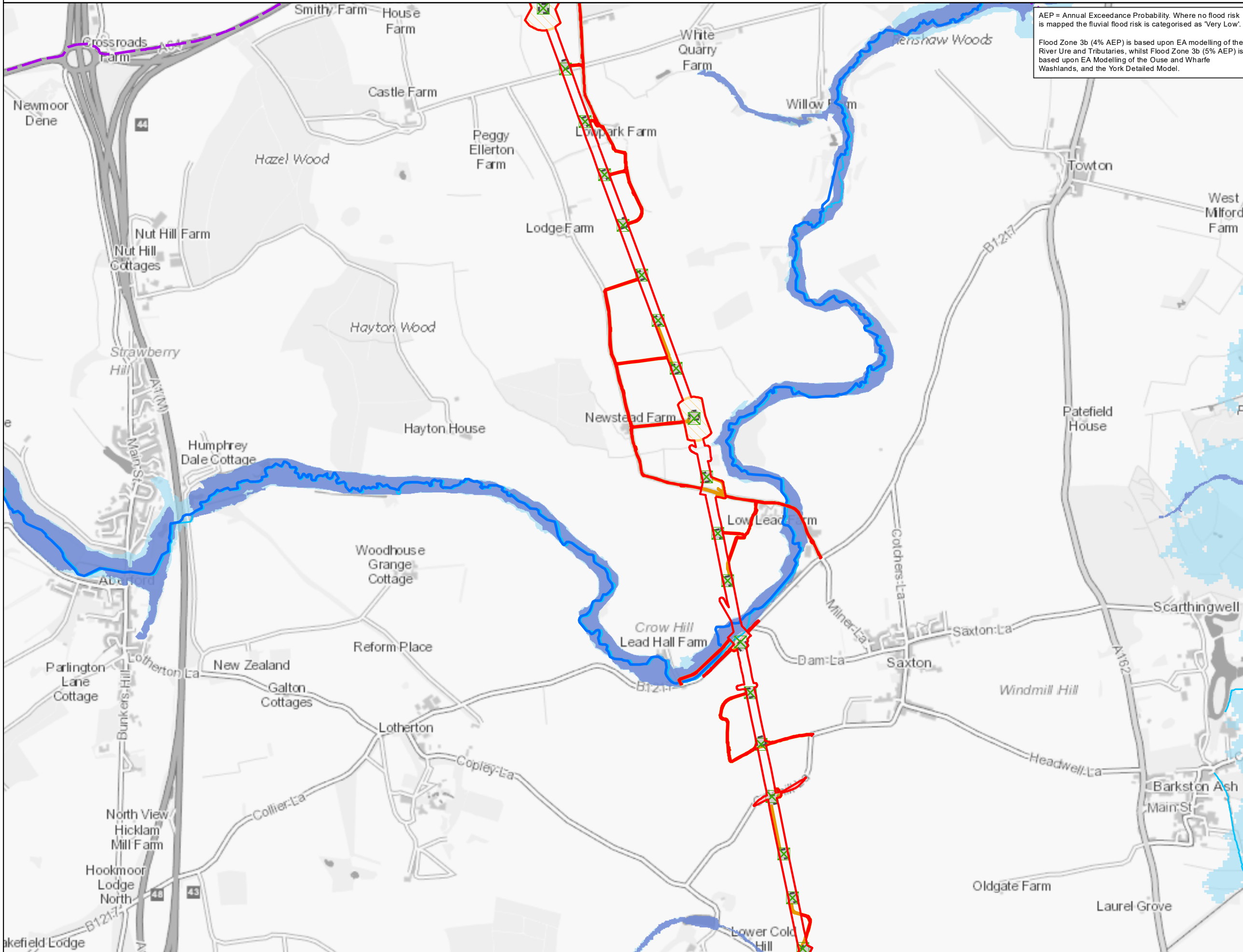
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Drawing Reference: 806503-WOOD-0223

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National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.9, ES Chapter 9 Hydrology Figures
 Figure 9.6 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
- Section Breaks (A to F)
- Existing Lattice Pylon - To be Modified

Watercourse crossings

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

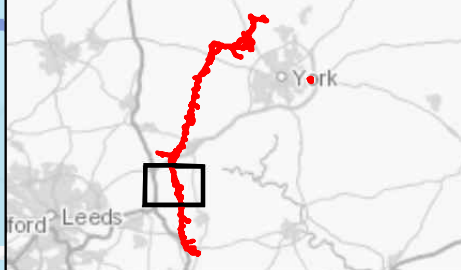
Project infrastructure

- 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
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Issue	Date	Remarks	Drawn	Checked	Approved
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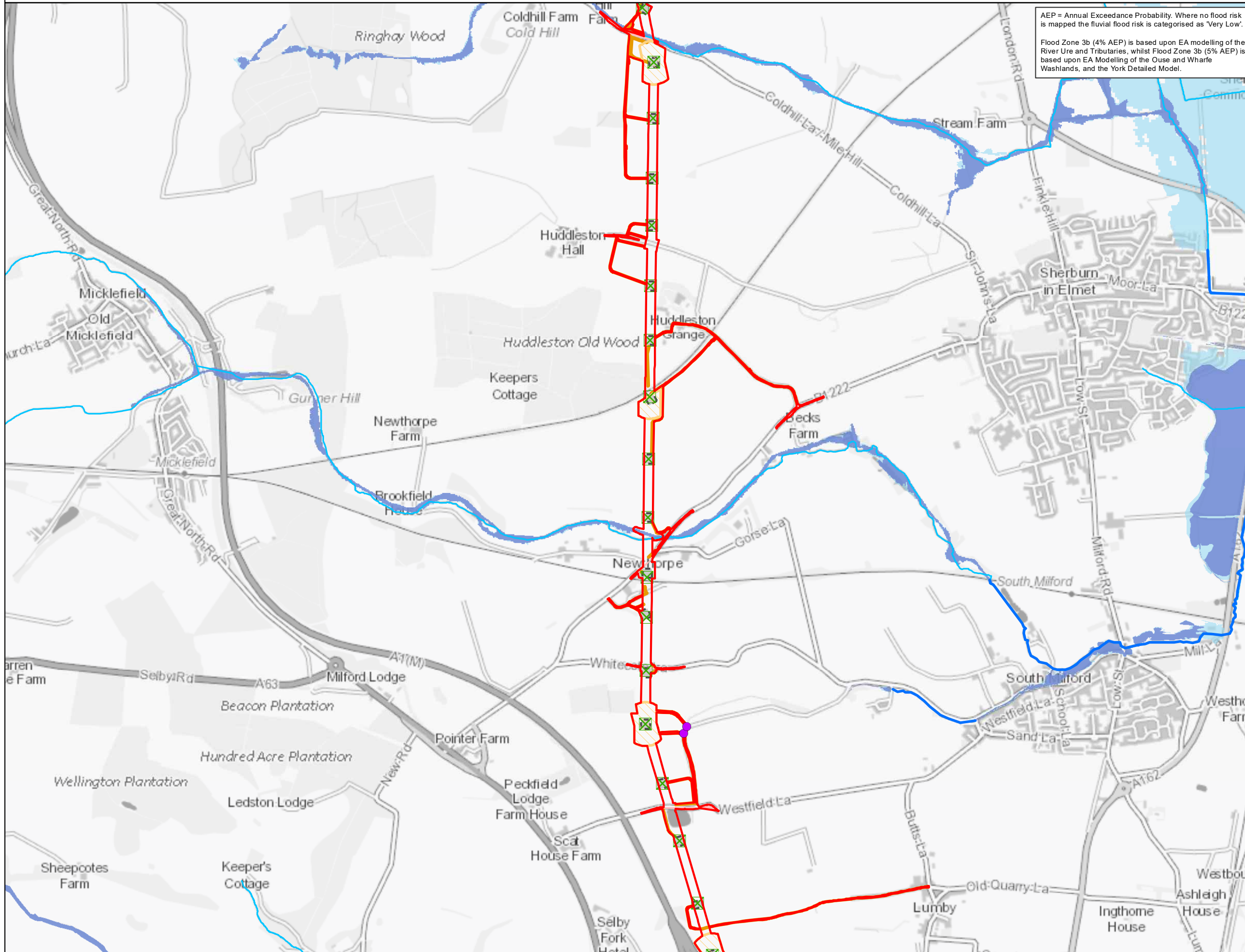
Title
 5.4.9, ES CHAPTER 9
 HYDROLOGY
 FIGURE 9.6
 FLUVIAL FLOOD RISK

nationalgrid

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



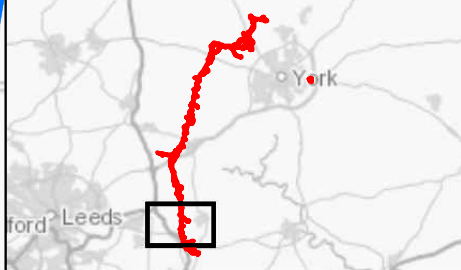
National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.9, ES Chapter 9 Hydrology Figures
 Figure 9.6 Fluvial Flood Risk: Section E



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
 - Section Breaks (A to F)
 - Existing Lattice Pylon - To be Modified
 - Watercourse crossings**
 - Existing crossing
 - ▲ New culvert crossing
 - New bridge crossing
 - 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
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Issue	Date	Remarks	Drawn	Checked	Approved

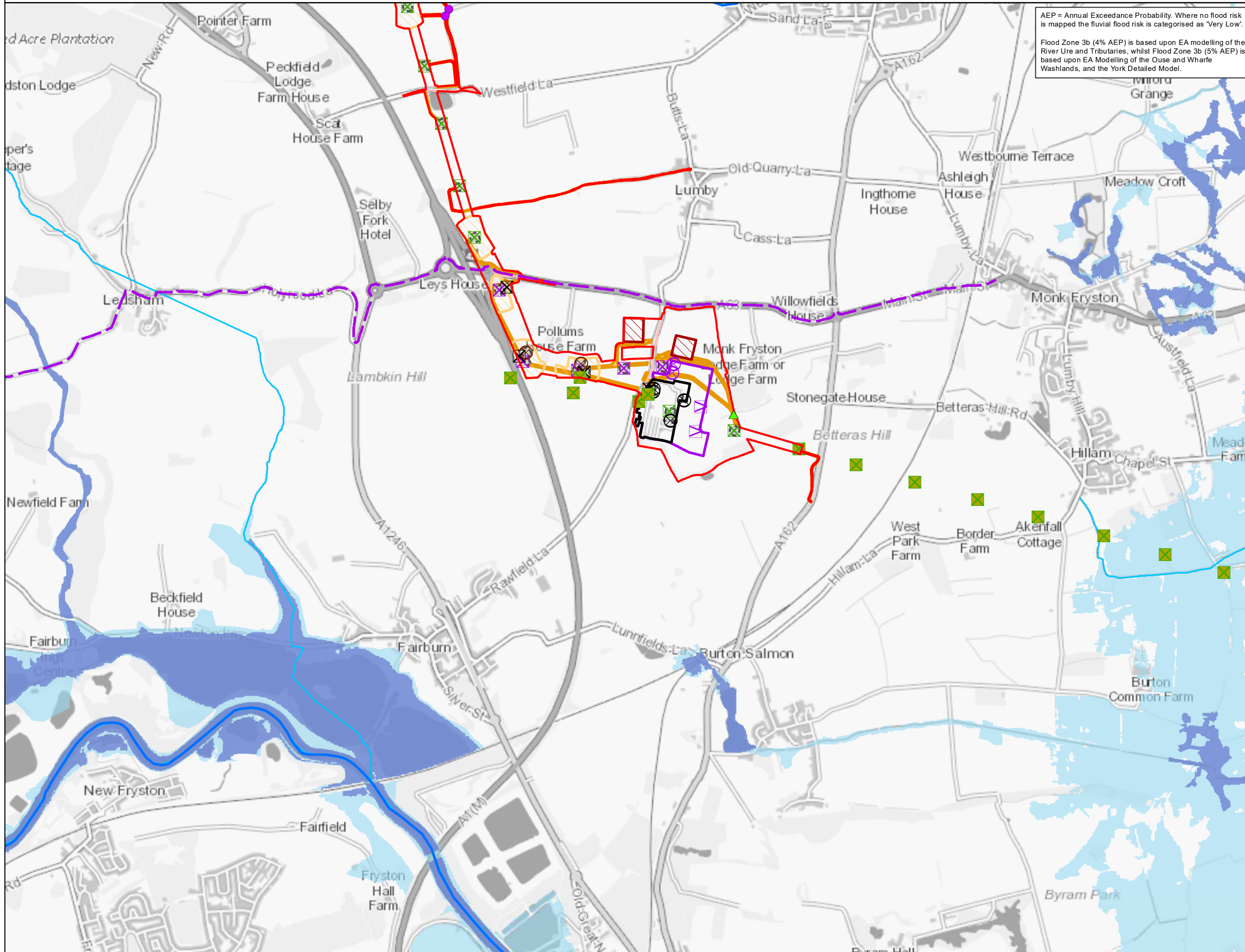
Title
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 HYDROLOGY
 FIGURE 9.6
 FLUVIAL FLOOD RISK



Figure Number	FIGURE 9.6E		
Drawing Reference	806503-WOOD-0223		
Scale	Sheet Size	Sheet	Issue
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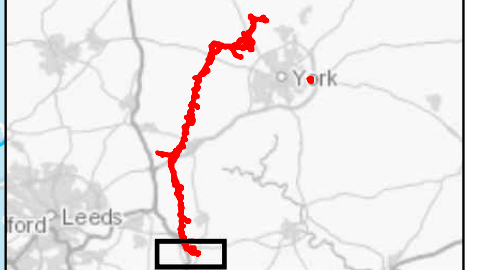
National Grid (Yorkshire Green Energy Enablement Project) Order
 5.4.9, ES Chapter 9 Hydrology Figures
 Figure 9.6 Fluvial Flood Risk: Section F



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
 - 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 culvert crossing
 - New bridge crossing
- 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
- Watercourses**
- 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: 448,283.25 Sheet Y Centroid Coordinate: 428,752.10
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Issue	Date	Remarks	Drawn	Checked	Approved

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

nationalgrid			
Figure Number	FIGURE 9.6F		
Drawing Reference	806503-WOOD-0223		
Scale	Sheet Size	Sheet	Issue
1:20,000	A3	SHEET 10 OF 10	A

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

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