YG-DCO-038-5.4.9

Yorkshire Green Energy Enablement (GREEN) Project

Volume 5

Document 5.4.9 ES Chapter 9 Hydrology – Figures Part 2 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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Contents

Version history

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

National Grid (Yorkshire Green Energy Enablement Project) Order
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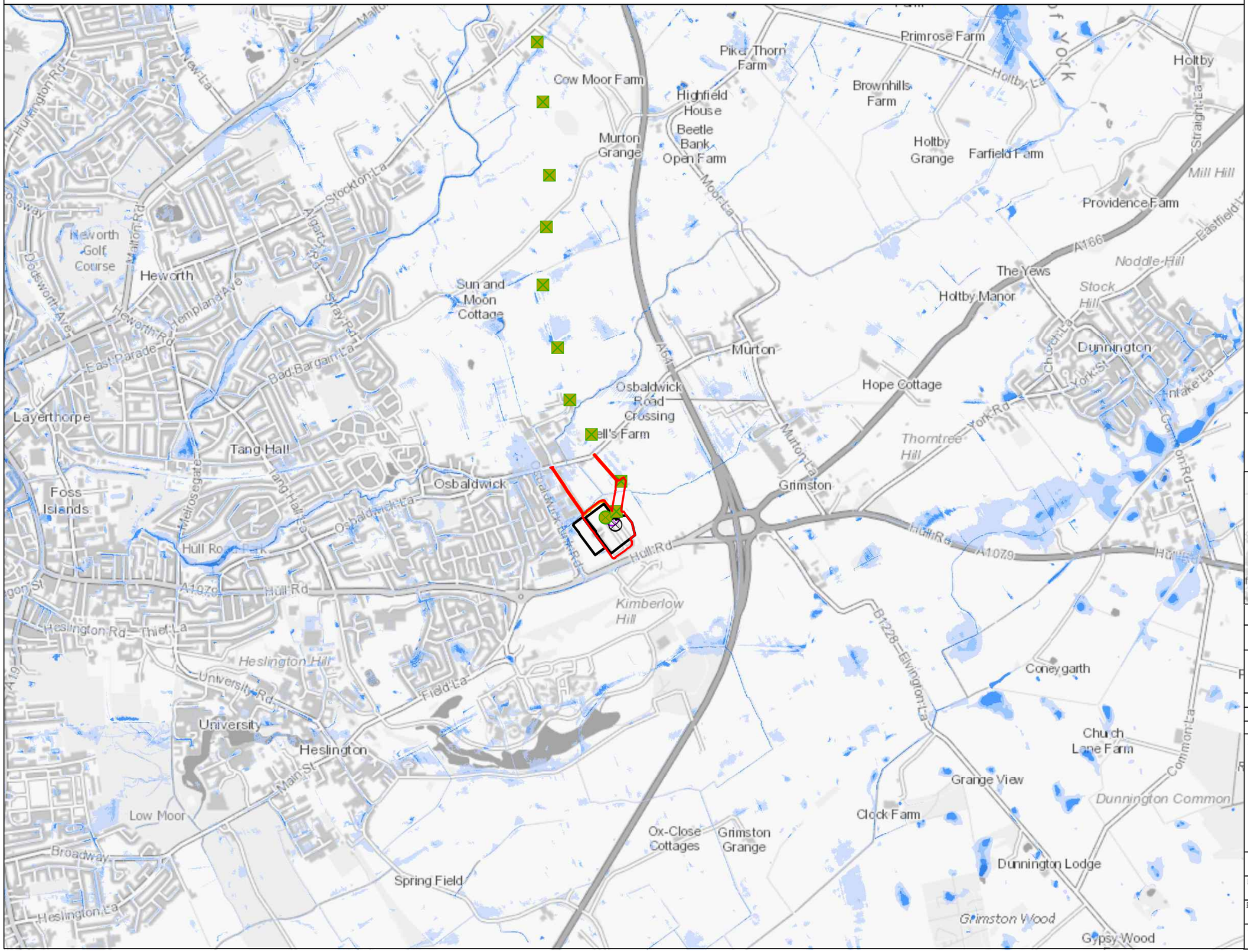
Figure 9.7 Risk of Flooding from Surface Water: Section A



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

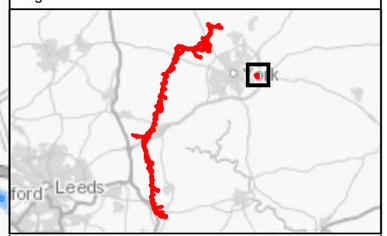
Risk of Flooding from Surface Water extents

- High (3.3% AEP)
- Medium (1% AEP)
- Low (0.1% AEP)

AEP = Annual Exceedance Probability
Where no flood risk is mapped the RoFSW is categorised as 'Very Low'.

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
A	1 Nov 2022	For DCO Submission	COLLJ	DIMMR	CHADC

Title

5.4.9, ES CHAPTER 9
HYDROLOGY
FIGURE 9.7
RISK OF FLOODING FROM
SURFACE WATER

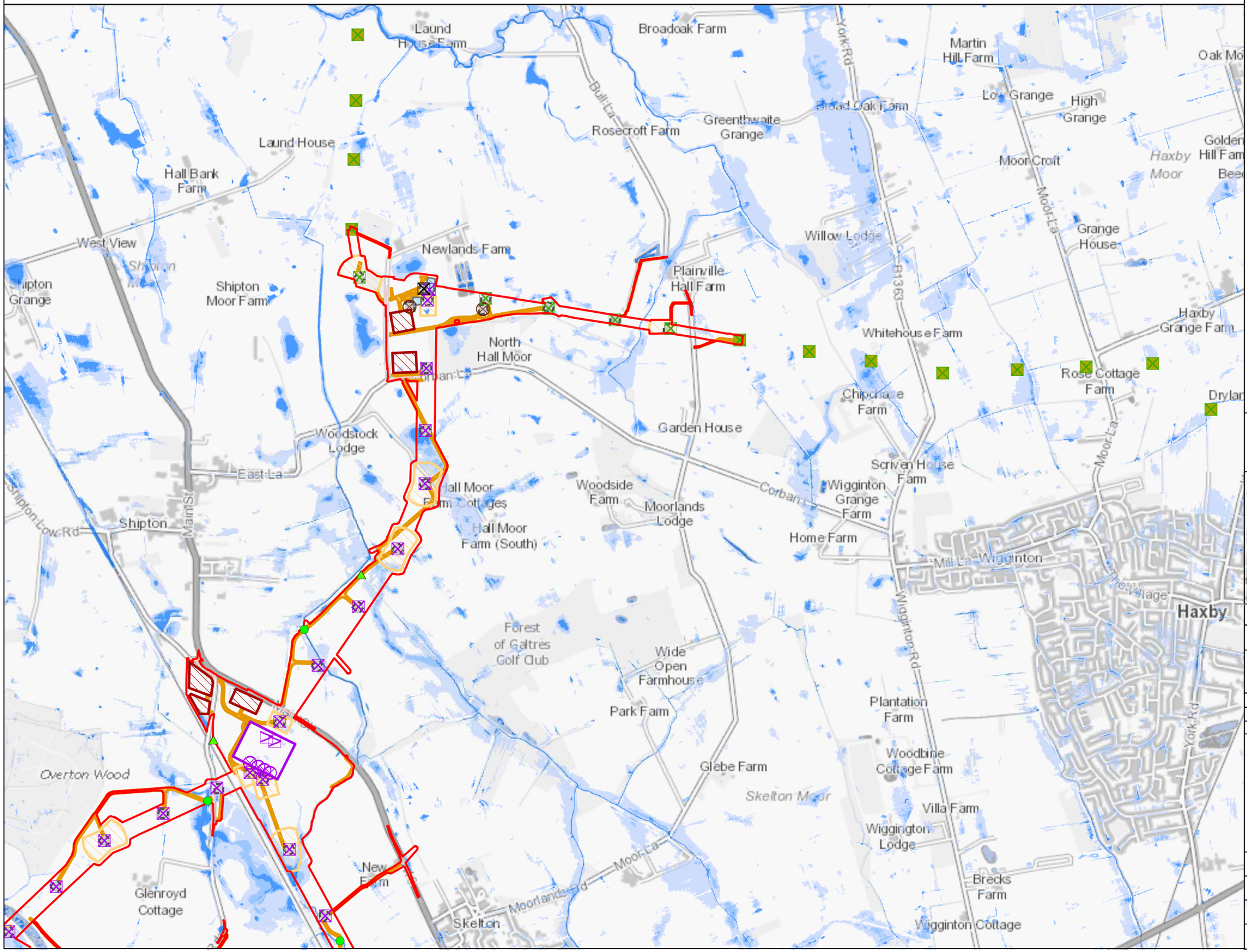
nationalgrid

Figure Number
FIGURE 9.7A

Drawing Reference
806503-WOOD-0224

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 9.7 Risk of Flooding from Surface Water: 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

Risk of Flooding from Surface Water extents

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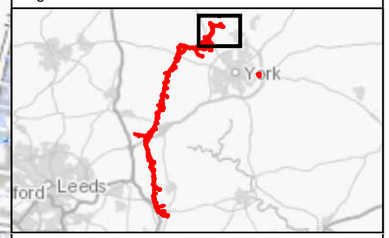

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Issue	Date	Remarks	Drawn	Checked	Approved
A	1 Nov 2022	For DCO Submission	COLLJ	DIMMR	CHADC

Title

5.4.9, ES CHAPTER 9
HYDROLOGY
FIGURE 9.7
RISK OF FLOODING FROM SURFACE WATER

nationalgrid

Figure Number			
FIGURE 9.7B			
Drawing Reference			
806503-WOOD-0224			
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 9.7 Risk of Flooding from Surface Water: 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

Risk of Flooding from Surface Water extents

- High (3.3% AEP)
- Medium (1% AEP)
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AEP = Annual Exceedance Probability
Where no flood risk is mapped the RoFSW is categorised as 'Very Low'.

Notes

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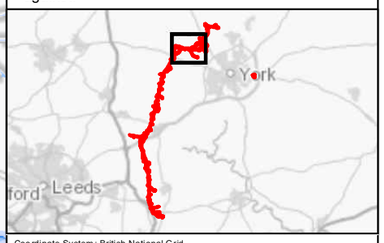

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Issue	Date	Remarks	Drawn	Checked	Approved
A	1 Nov 2022	For DCO Submission	COLLJ	DIMMR	CHADC

Title

5.4.9, ES CHAPTER 9
HYDROLOGY
FIGURE 9.7
RISK OF FLOODING FROM
SURFACE WATER

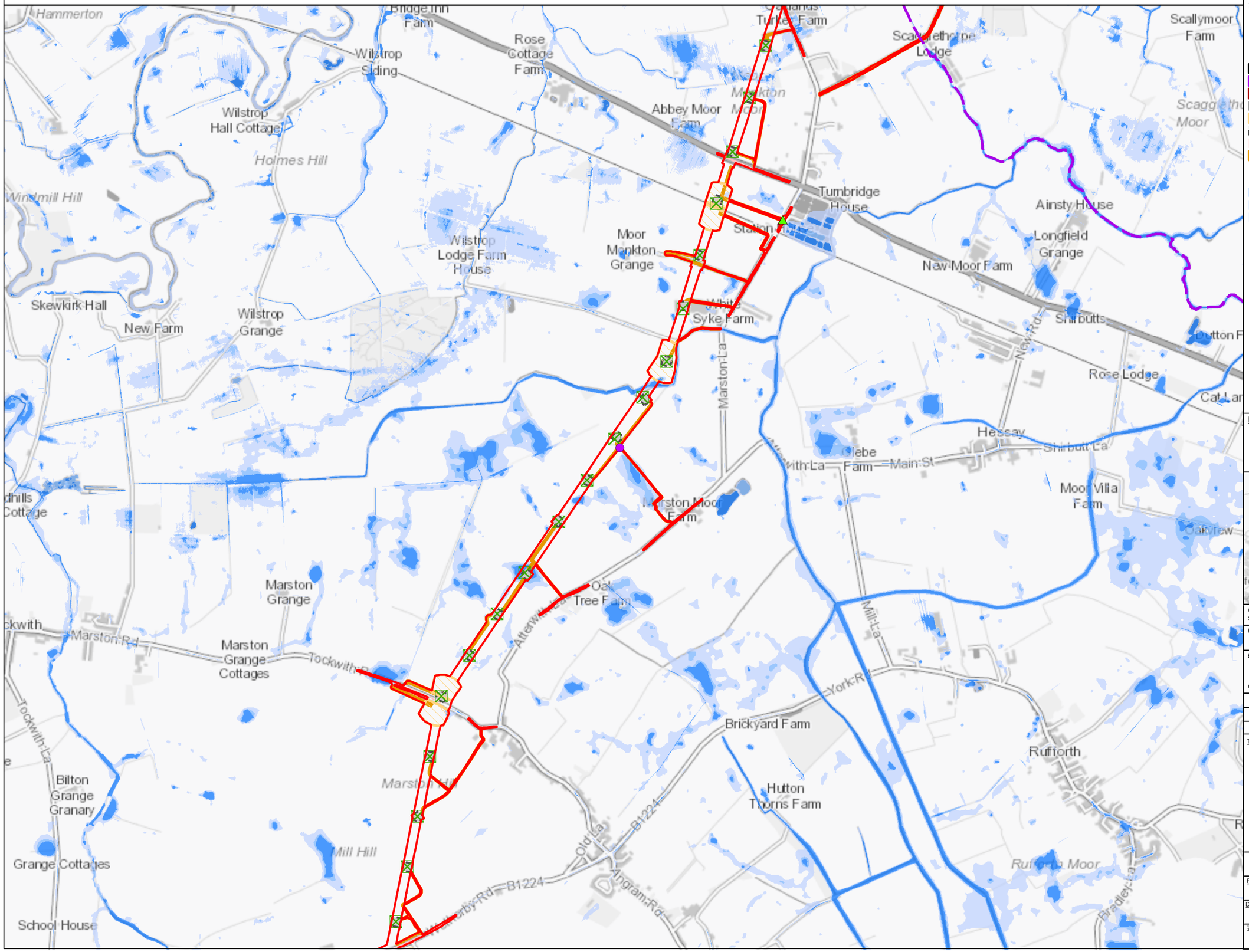
nationalgrid

Figure Number
FIGURE 9.7B

Drawing Reference
806503-WOOD-0224

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 9.7 Risk of Flooding from Surface Water: 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

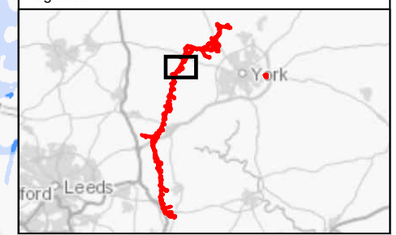
Risk of Flooding from Surface Water extents

- High (3.3% AEP)
- Medium (1% AEP)
- Low (0.1% AEP)

AEP = Annual Exceedance Probability
Where no flood risk is mapped the RoFSW is categorised as 'Very Low'.

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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0 250 500 1,000 Meters

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A	1 Nov 2022	For DCO Submission	COLLJ	DIMMR	CHADC

Title

5.4.9, ES CHAPTER 9
HYDROLOGY
FIGURE 9.7
RISK OF FLOODING FROM
SURFACE WATER

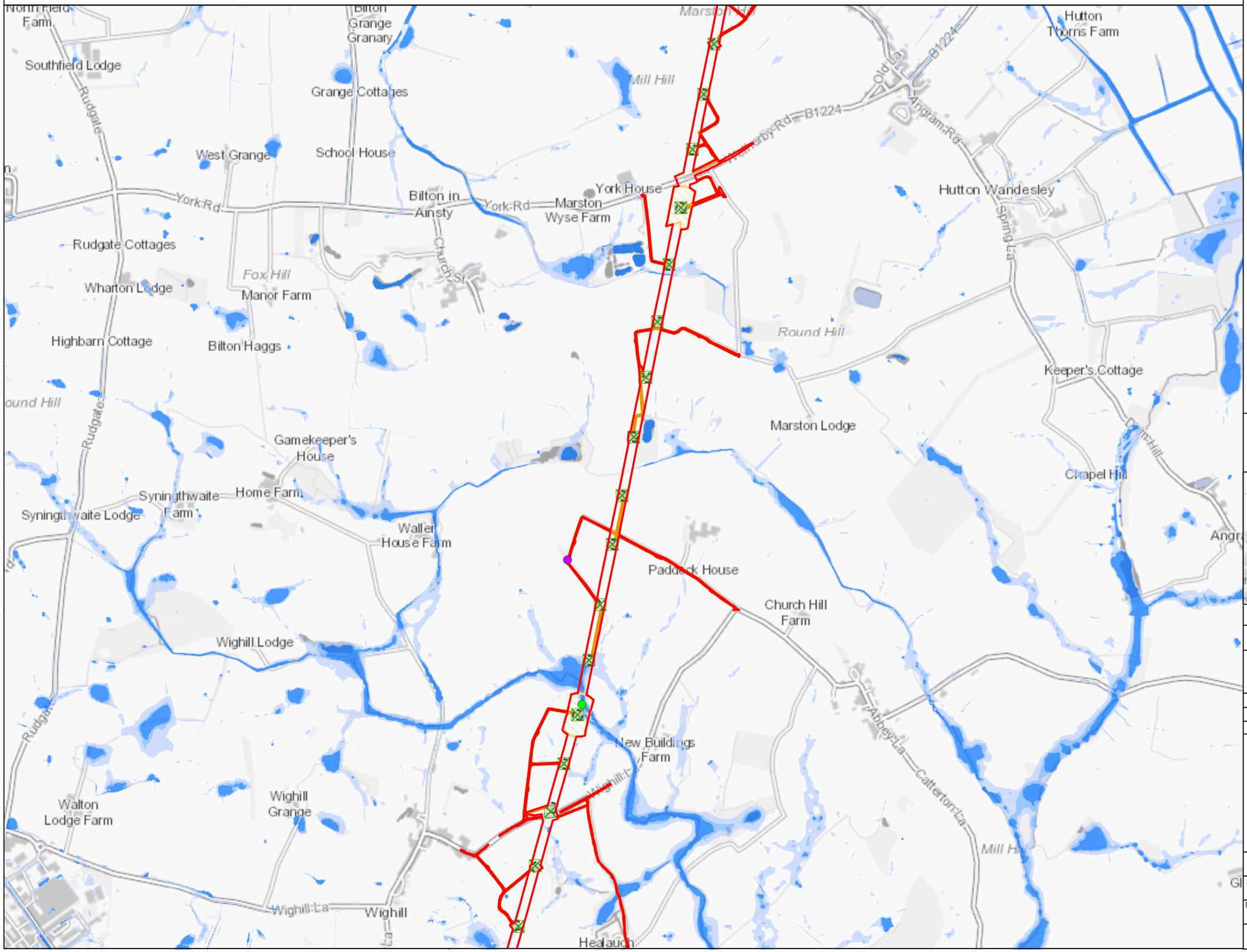
nationalgrid

Figure Number: FIGURE 9.7C

Drawing Reference: 806503-WOOD-0224

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 9.7 Risk of Flooding from Surface Water: 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

Risk of Flooding from Surface Water extents

- High (3.3% AEP)
- Medium (1% AEP)
- Low (0.1% AEP)

AEP = Annual Exceedance Probability
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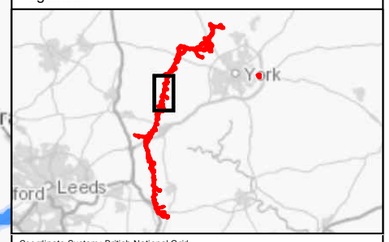

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Issue	Date	Remarks	Drawn	Checked	Approved
A	1 Nov 2022	For DCO Submission	COLLJ	DIMMR	CHADC

Title

5.4.9, ES CHAPTER 9
HYDROLOGY
FIGURE 9.7
RISK OF FLOODING FROM SURFACE WATER

nationalgrid

Figure Number	Drawing Reference		
FIGURE 9.7C	806503-WOOD-0224		
Scale	**Sheet Size**	**Sheet**	**Issue**
1:20,000	A3	SHEET 5 OF 10	A

National Grid (Yorkshire Green Energy Enablement Project) Order
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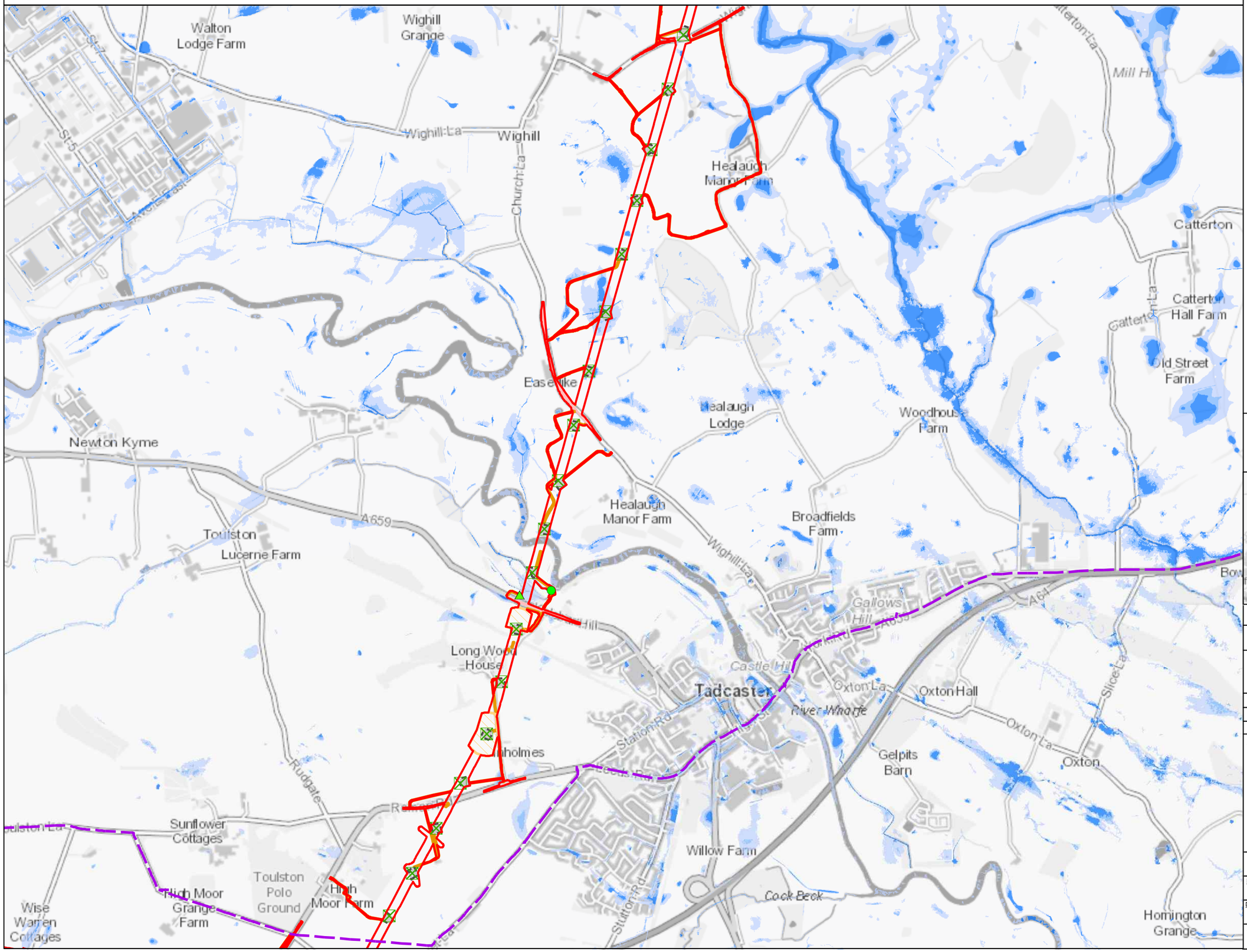
Figure 9.7 Risk of Flooding from Surface Water: Section C



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
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Risk of Flooding from Surface Water extents

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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.

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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 9.7
RISK OF FLOODING FROM SURFACE WATER

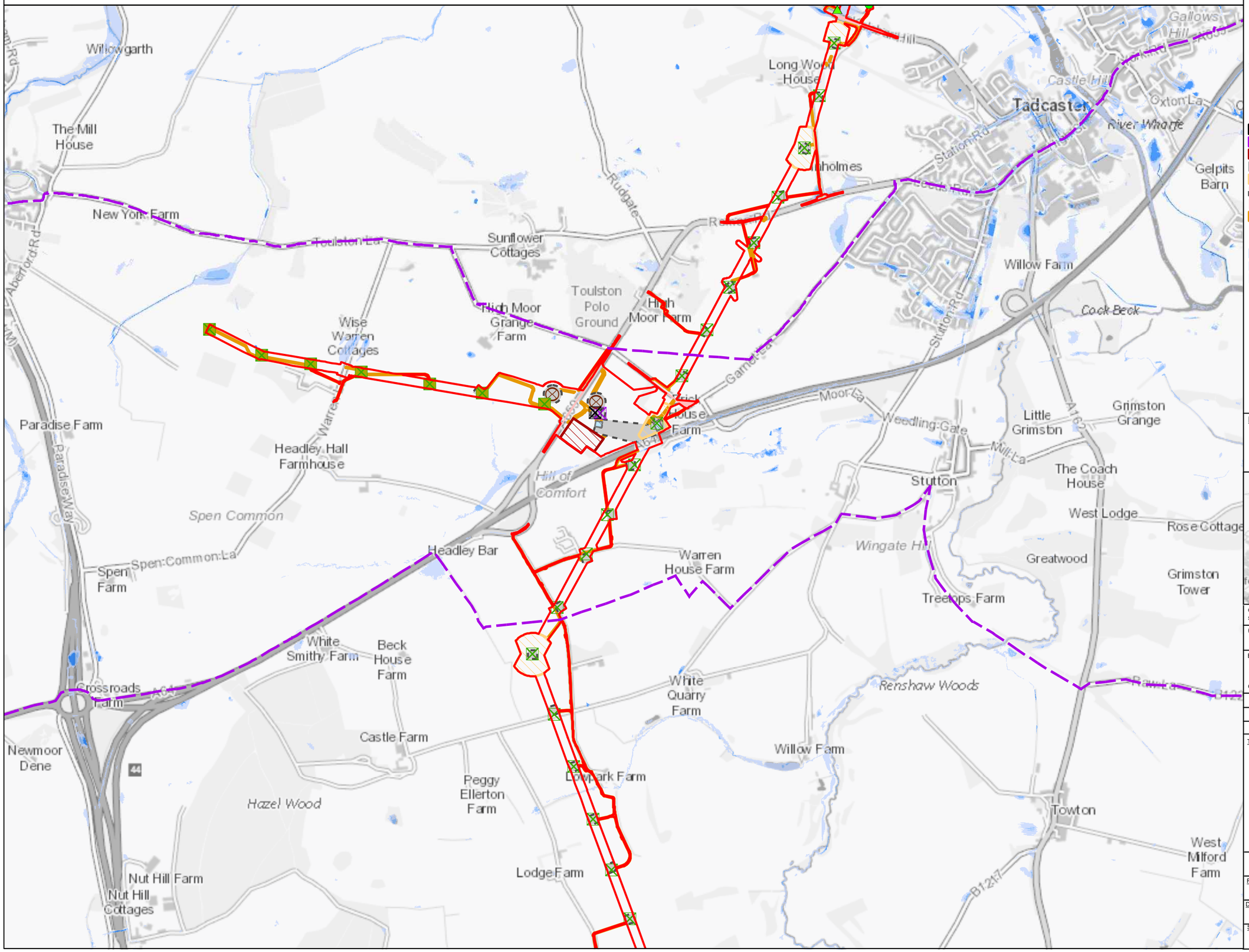
nationalgrid

Figure Number
FIGURE 9.7C

Drawing Reference
806503-WOOD-0224

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 9.7 Risk of Flooding from Surface Water: 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

Risk of Flooding from Surface Water extents

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- Low (0.1% AEP)

AEP = Annual Exceedance Probability
Where no flood risk is mapped the RoFSW is categorised as 'Very Low'.

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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0 250 500 1,000 Meters

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

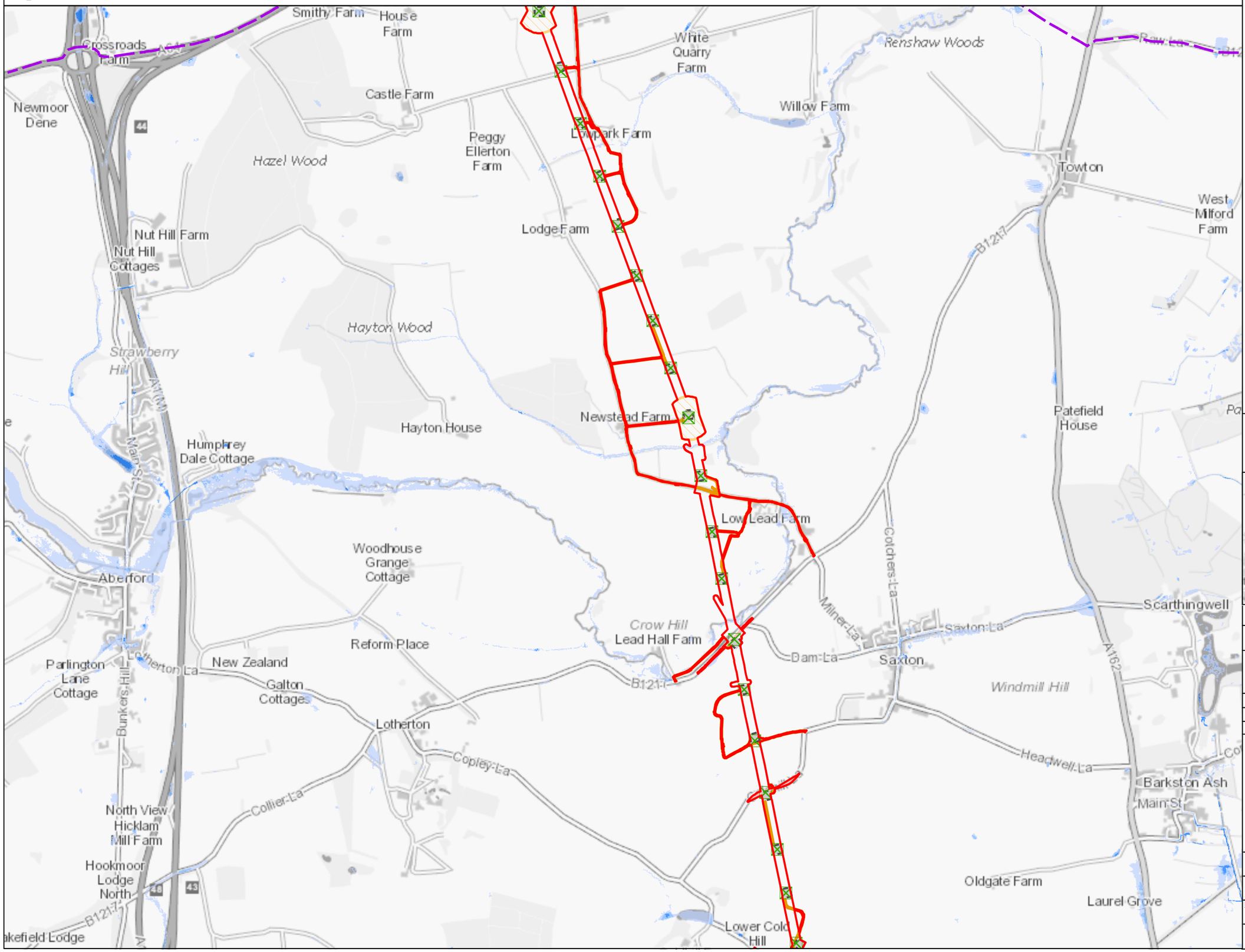
Title

5.4.9, ES CHAPTER 9
HYDROLOGY
FIGURE 9.7
RISK OF FLOODING FROM SURFACE WATER

nationalgrid

Figure Number			
FIGURE 9.7D			
Drawing Reference			
806503-WOOD-0224			
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 9.7 Risk of Flooding from Surface Water: 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
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Risk of Flooding from Surface Water extents

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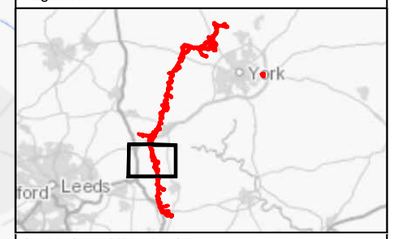

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0 250 500 1,000 Meters

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 9.7
RISK OF FLOODING FROM
SURFACE WATER

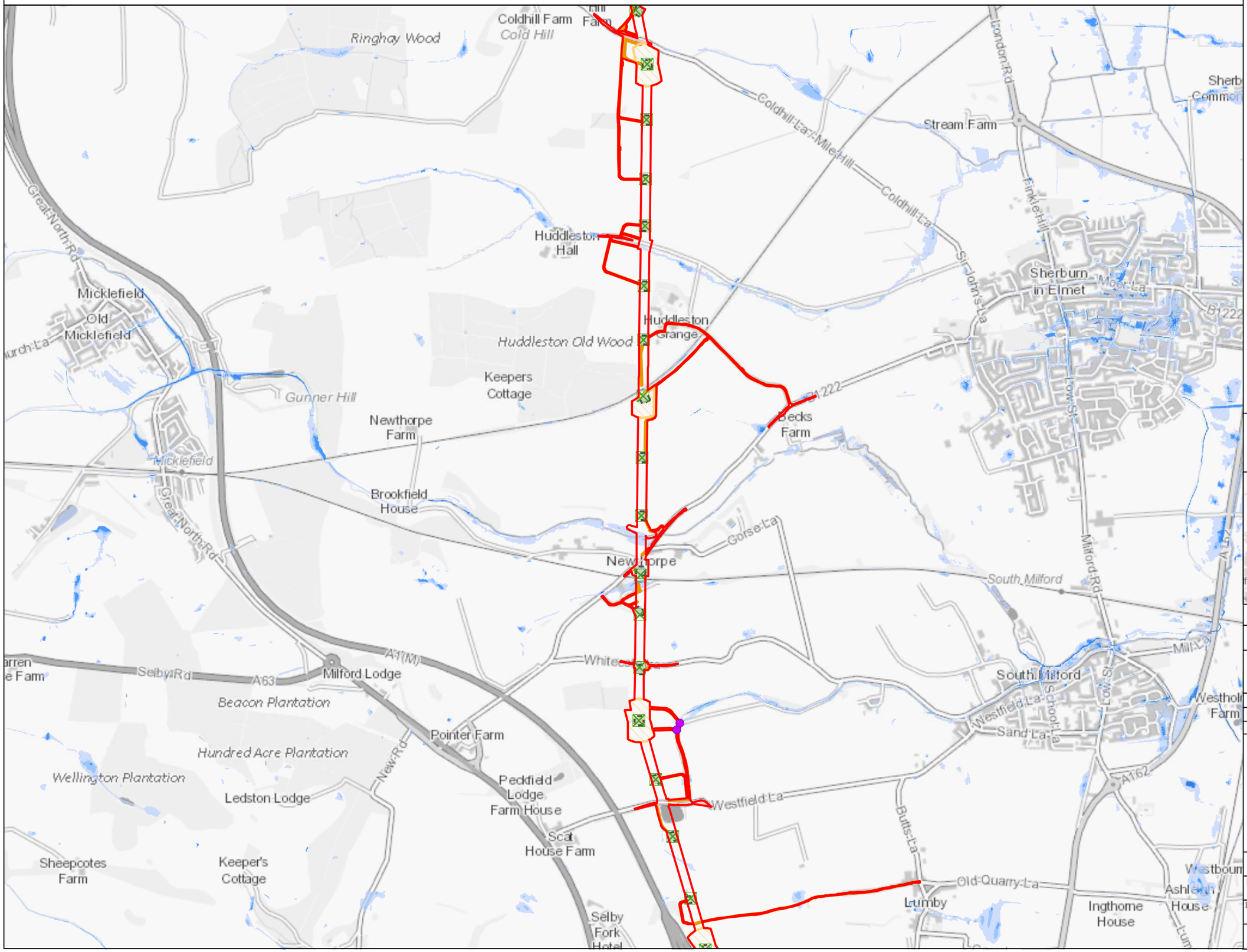
nationalgrid

Figure Number
FIGURE 9.7E

Drawing Reference
806503-WOOD-0224

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 9.7 Risk of Flooding from Surface Water: 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

Risk of Flooding from Surface Water extents

- High (3.3% AEP)
- Medium (1% AEP)
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AEP = Annual Exceedance Probability
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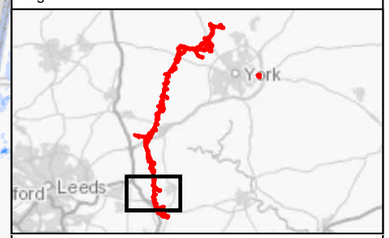

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0 250 500 1,000 Meters

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 9.7
RISK OF FLOODING FROM
SURFACE WATER

nationalgrid

Figure Number
FIGURE 9.7E

Drawing Reference
806503-WOOD-0224

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 9.7 Risk of Flooding from Surface Water: 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

Risk of Flooding from Surface Water extents

- High (3.3% AEP)
- Medium (1% AEP)
- Low (0.1% AEP)

AEP = Annual Exceedance Probability
Where no flood risk is mapped the RoFSW is categorised as 'Very Low'.

Notes

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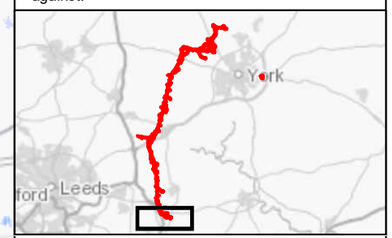

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0 250 500 1,000 Meters

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 9.7
RISK OF FLOODING FROM SURFACE WATER

nationalgrid

Figure Number	Drawing Reference		
FIGURE 9.7F	806503-WOOD-0224		
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 9.8 York Detailed Model Outputs: Overton Substation

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

York Detailed Model
- 1 in 100 + 30% CC Modelled Flood Outputs
- 1 in 100 + 50% CC Modelled Flood Outputs

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

Flood Zones
- Flood Zone 3b (4%
- Flood Zone 3b (5%
- 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.

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Sheet X Centroid Coordinate: 455,661.00 Sheet Y Centroid Coordinate: 457,309.00

0 187.5 375 750 Meters

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 9.8
YORK DETAILED MODEL OUTPUTS:
OVERTON SUBSTATION

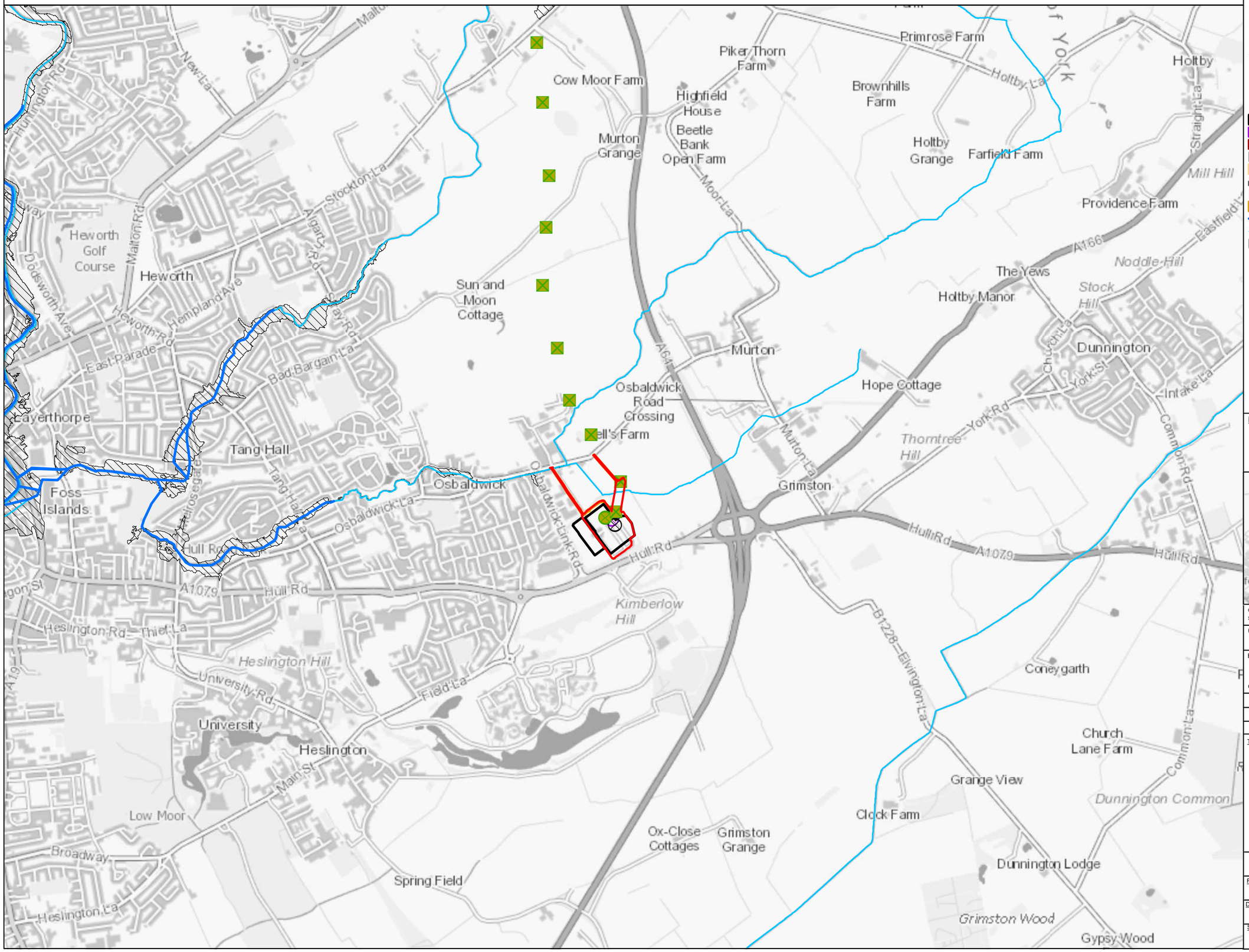
nationalgrid

Figure Number: FIGURE 9.8

Drawing Reference: 806503-WOOD-0225

Scale	Sheet Size	Sheet	Issue
1:15,000	A3	SHEET 1 OF 1	A

National Grid (Yorkshire Green Energy Enablement Project) Order
5.4.9, ES Chapter 9 Hydrology Figures
Figure 9.9 Historic Flood Outlines: 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

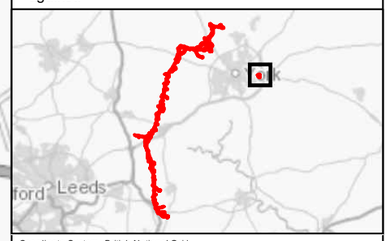
- Existing crossing
- New culvert crossing
- New bridge crossing

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
- EA Main Rivers
- WFD Watercourses
- All recorded historic flood outlines

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: 464,313.68 Sheet Y Centroid Coordinate: 451,918.16

0 250 500 1,000
Meters

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

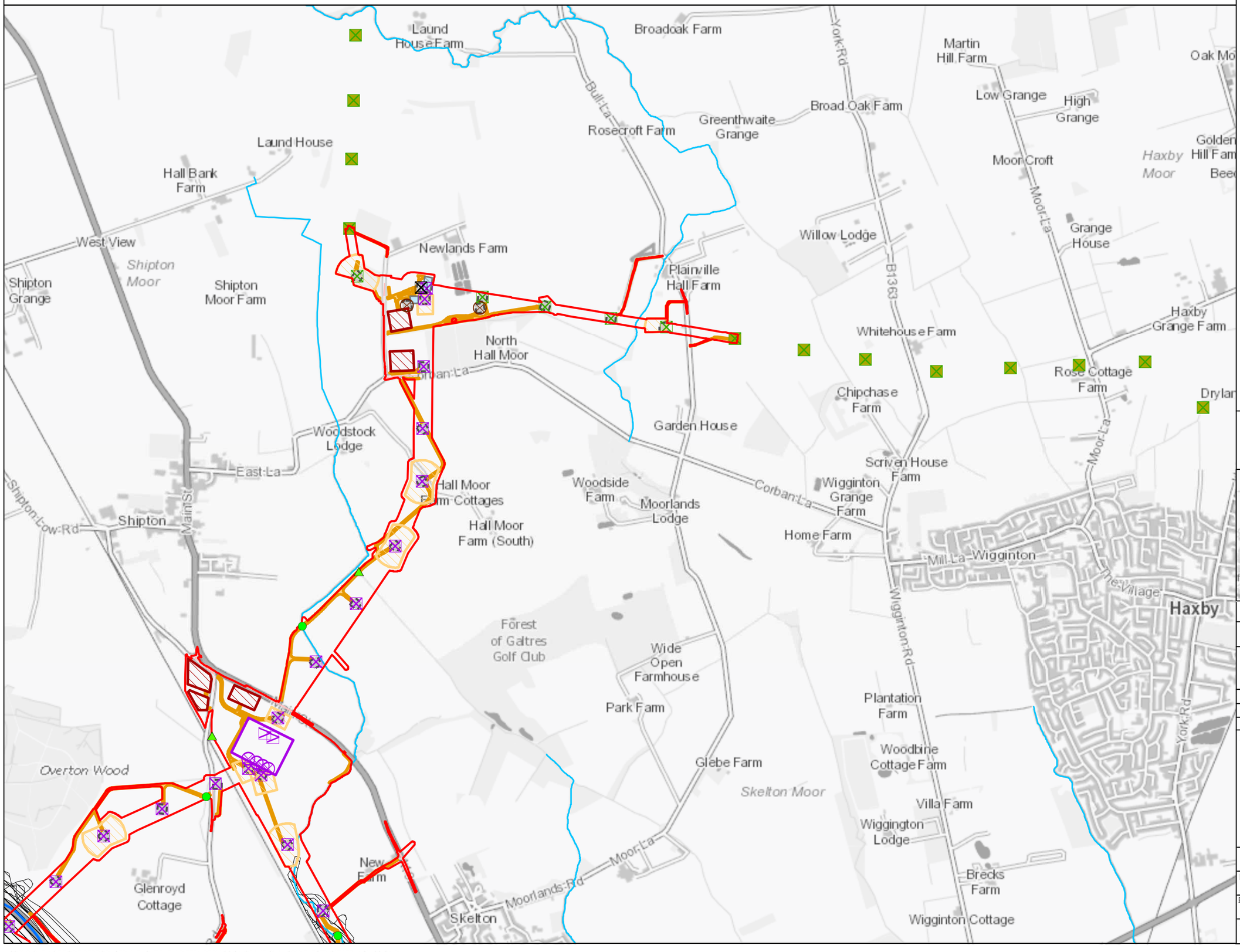
Title

5.4.9, ES CHAPTER 9
HYDROLOGY
FIGURE 9.9
HISTORIC FLOOD OUTLINES

nationalgrid

Figure Number	Drawing Reference		
FIGURE 9.9A	806503-WOOD-0226		
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 9.9 Historic Flood Outlines: 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
- EA Main Rivers
- WFD Watercourses
- All recorded historic flood outlines

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

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 9.9
HISTORIC FLOOD OUTLINES

nationalgrid

Figure Number			
FIGURE 9.9B			
Drawing Reference			
806503-WOOD-0226			
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 9.9 Historic Flood Outlines: 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
- EA Main Rivers
- WFD Watercourses
- All recorded historic flood outlines

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

0 275 550 1,100 Meters

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

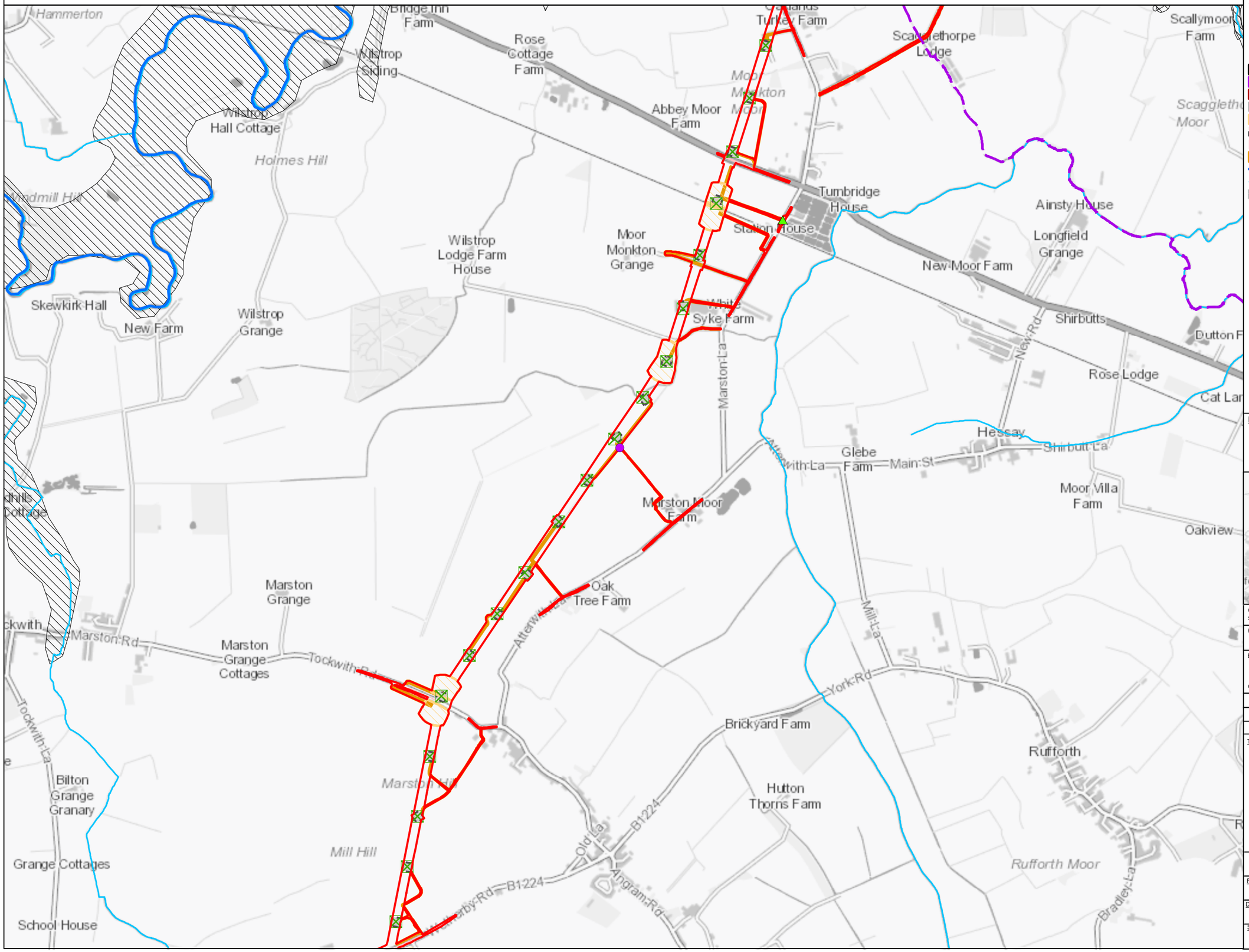
Title

5.4.9, ES CHAPTER 9
HYDROLOGY
FIGURE 9.9
HISTORIC FLOOD OUTLINES

nationalgrid

Figure Number	Drawing Reference	Scale	Sheet Size	Sheet	Issue
FIGURE 9.9B	806503-WOOD-0226	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 9.9 Historic Flood Outlines: 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
- EA Main Rivers
- WFD Watercourses
- All recorded historic flood outlines

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

0 250 500 1,000 Meters

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 9.9
HISTORIC FLOOD OUTLINES

nationalgrid

Figure Number: FIGURE 9.9C

Drawing Reference: 806503-WOOD-0226

Scale	Sheet Size	Sheet	Issue
1:20,000	A3	SHEET 4 OF 10	A

National Grid (Yorkshire Green Energy Enablement Project) Order
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Figure 9.9 Historic Flood Outlines: 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
- EA Main Rivers
- WFD Watercourses
- All recorded historic flood outlines

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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0 250 500 1,000 Meters

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 9.9
HISTORIC FLOOD OUTLINES

nationalgrid

Figure Number: FIGURE 9.9C

Drawing Reference: 806503-WOOD-0226

Scale	Sheet Size	Sheet	Issue
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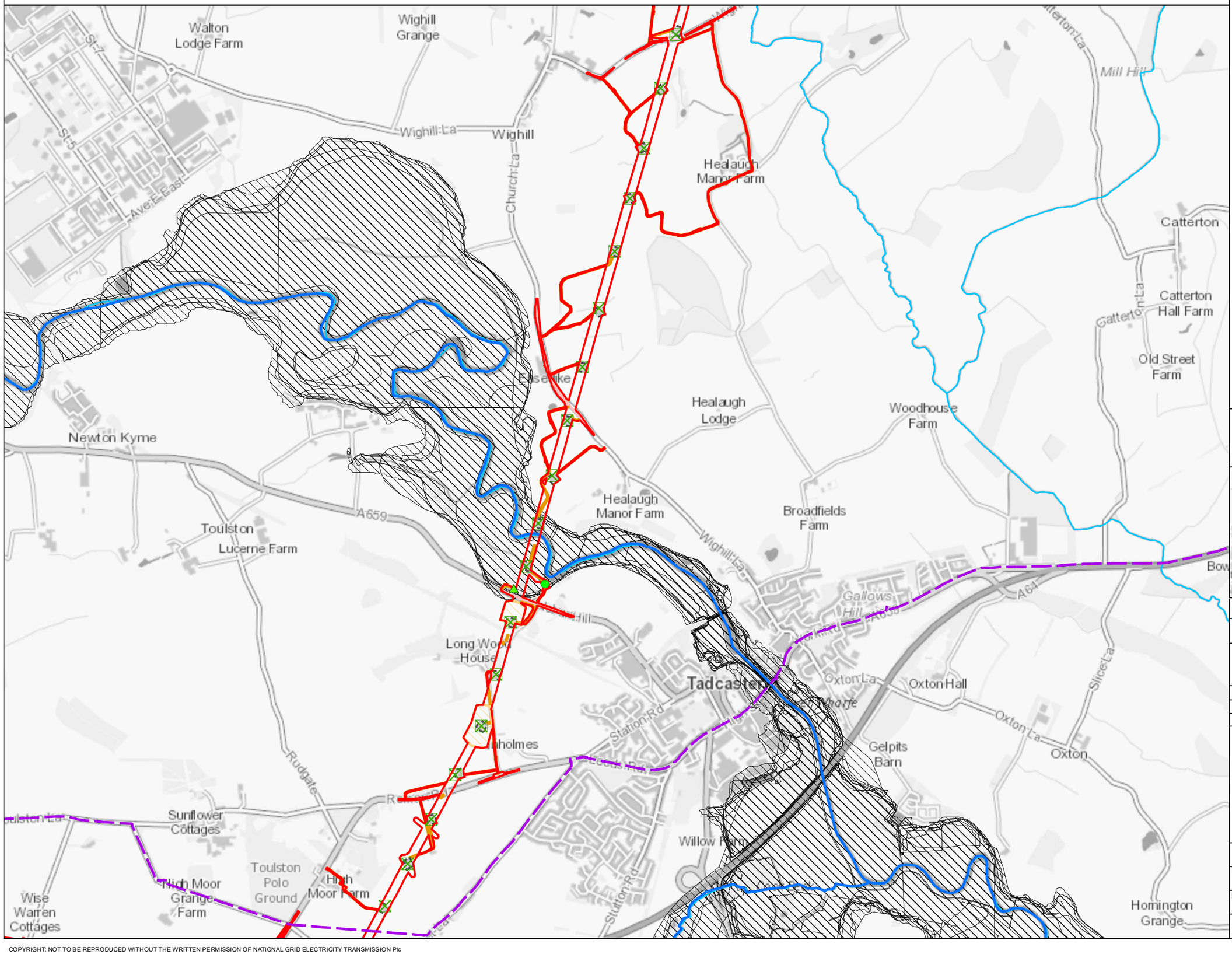
National Grid (Yorkshire Green Energy Enablement Project) Order
5.4.9, ES Chapter 9 Hydrology Figures
Figure 9.9 Historic Flood Outlines: Section C



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
- EA Main Rivers
- WFD Watercourses
- All recorded historic flood outlines

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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0 250 500 1,000 Meters

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

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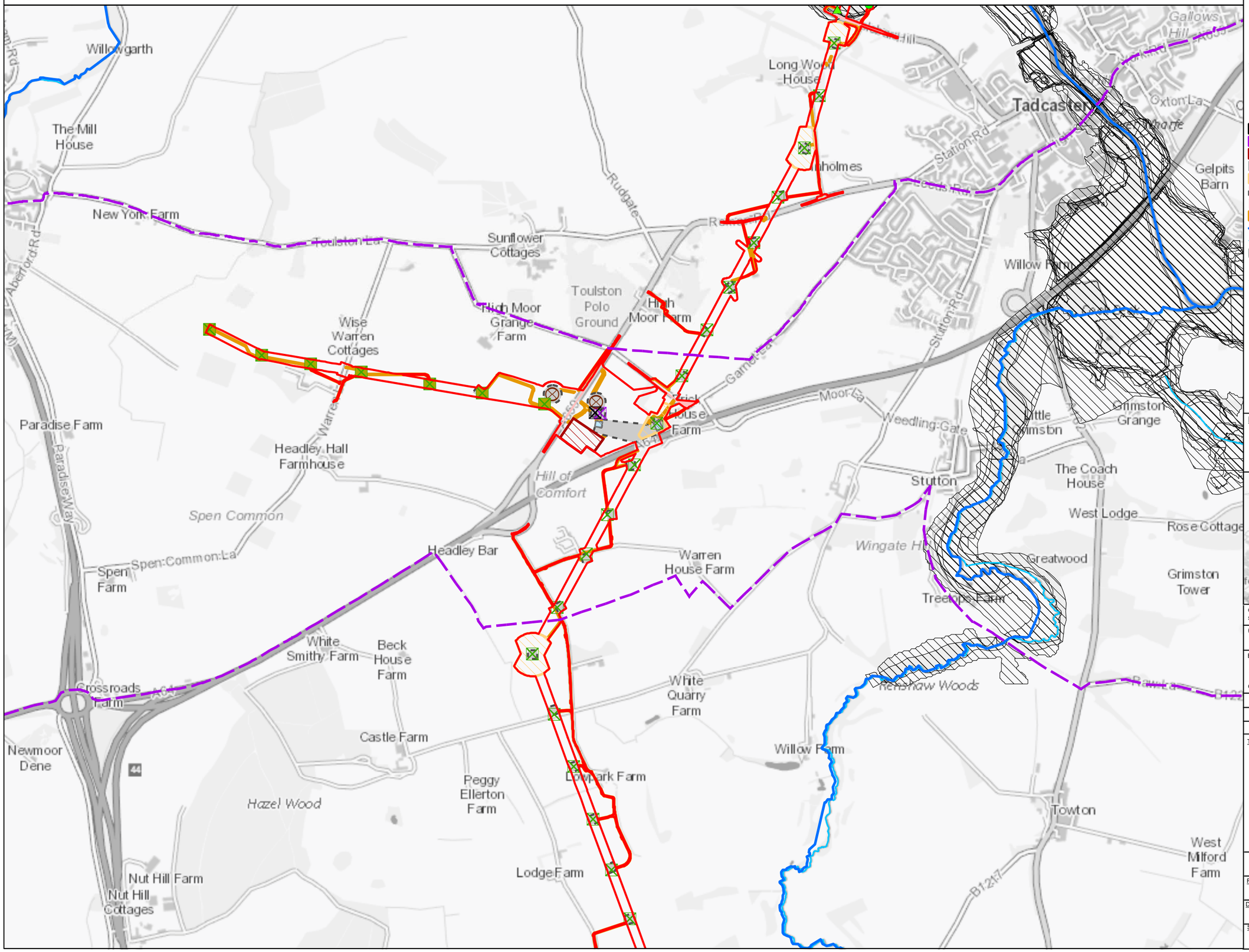
5.4.9, ES CHAPTER 9
HYDROLOGY
FIGURE 9.9
HISTORIC FLOOD OUTLINES

nationalgrid

Figure Number			
FIGURE 9.9C			
Drawing Reference			
806503-WOOD-0226			
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 9.9 Historic Flood Outlines: 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
- EA Main Rivers
- WFD Watercourses
- All recorded historic flood outlines

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

0 250 500 1,000 Meters

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 9.9
HISTORIC FLOOD OUTLINES

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Figure Number: FIGURE 9.9D

Drawing Reference: 806503-WOOD-0226

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

National Grid (Yorkshire Green Energy Enablement Project) Order
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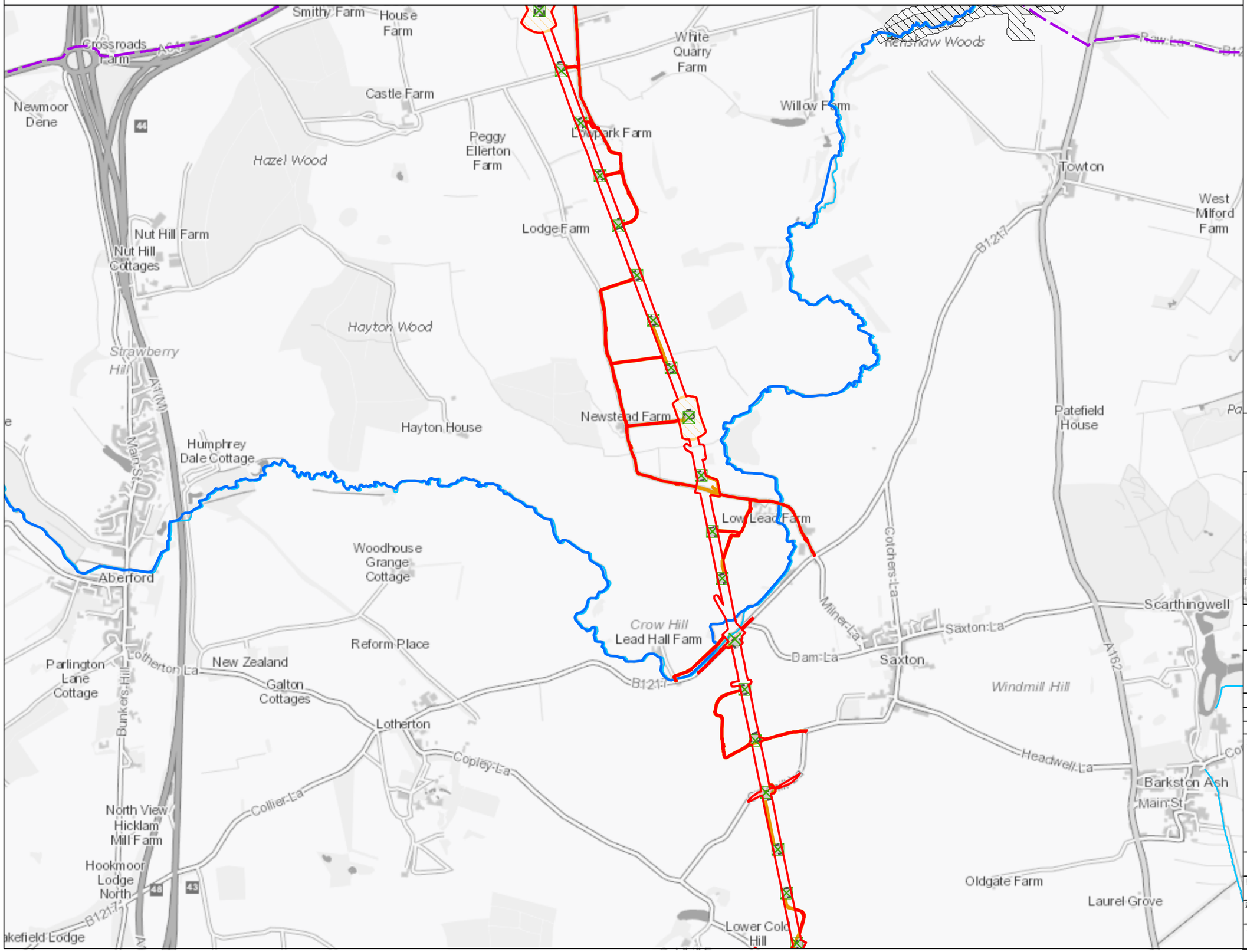
Figure 9.9 Historic Flood Outlines: Section E



Legend

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

Watercourse crossings

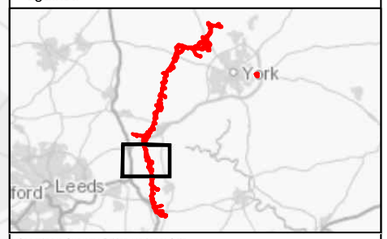
- Existing crossing
- New culvert crossing
- New bridge crossing

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
- EA Main Rivers
- WFD Watercourses
- All recorded historic flood outlines

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
A	1 Nov 2022	For DCO Submission	COLLJ	DIMMR	CHADC

Title

5.4.9, ES CHAPTER 9
HYDROLOGY
FIGURE 9.9
HISTORIC FLOOD OUTLINES

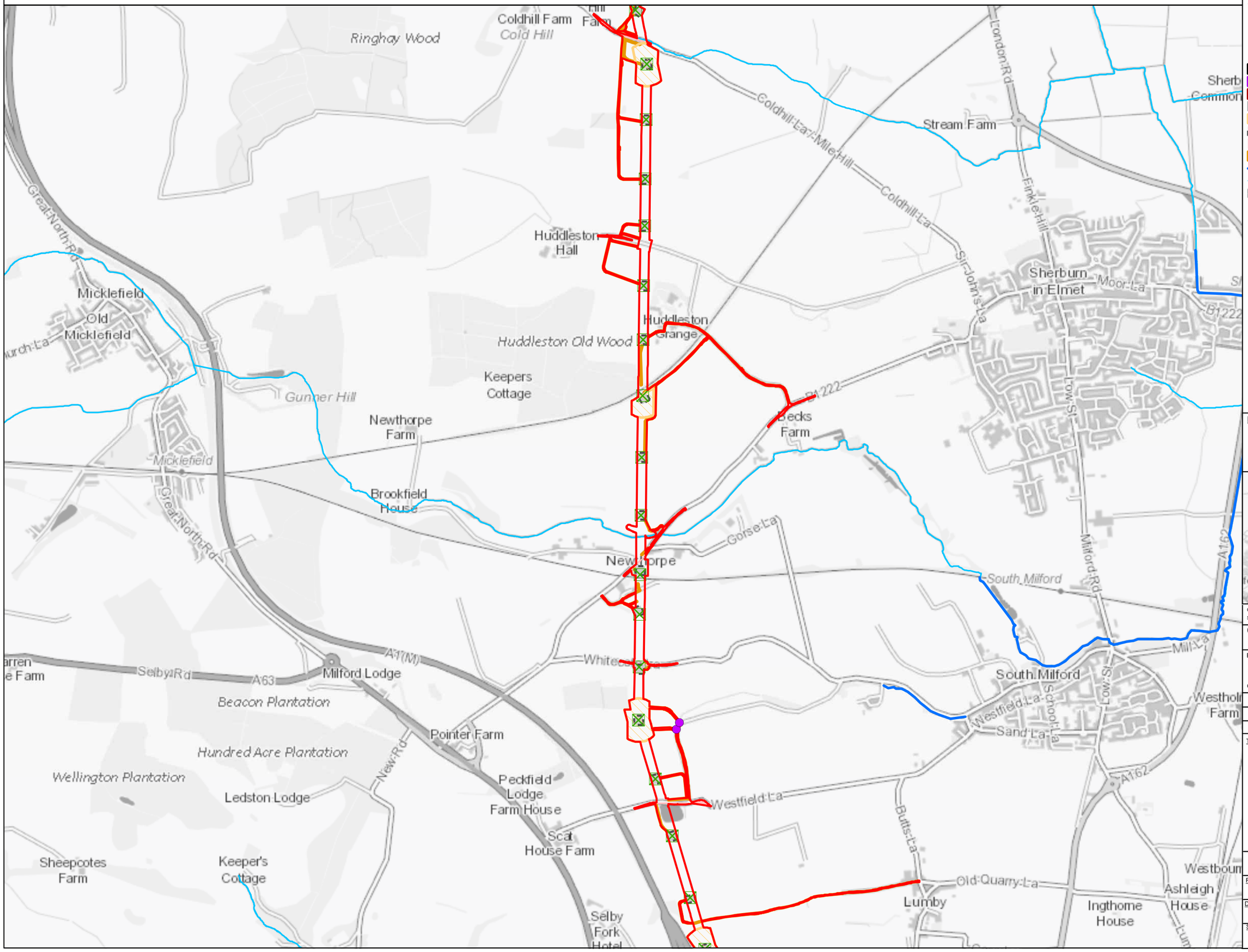
nationalgrid

Figure Number
FIGURE 9.9E

Drawing Reference
806503-WOOD-0226

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 9.9 Historic Flood Outlines: 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
- EA Main Rivers
- WFD Watercourses
- All recorded historic flood outlines

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

0 250 500 1,000 Meters

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 9.9
HISTORIC FLOOD OUTLINES

nationalgrid

Figure Number
FIGURE 9.9E

Drawing Reference
806503-WOOD-0226

Scale	Sheet Size	Sheet	Issue
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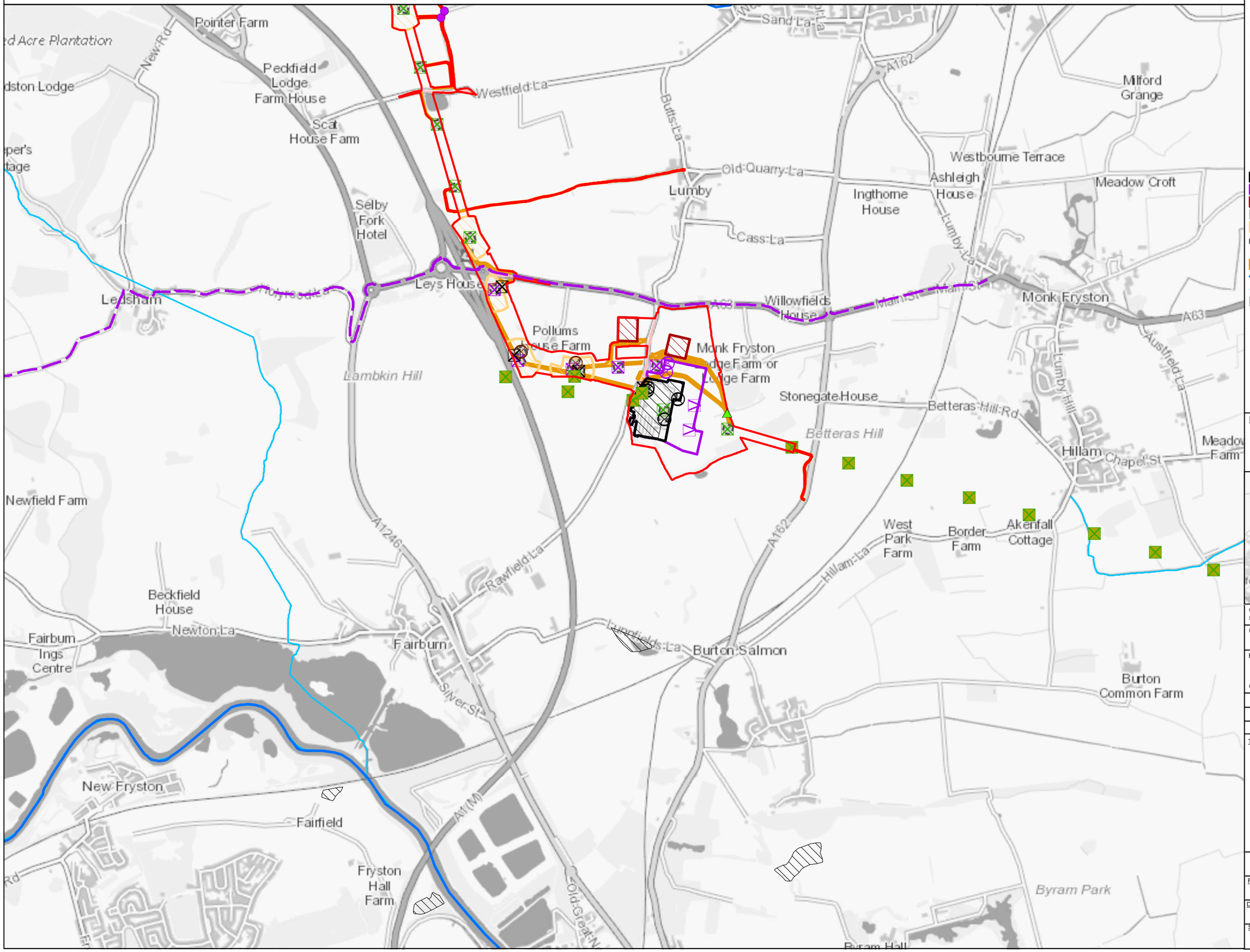
National Grid (Yorkshire Green Energy Enablement Project) Order
5.4.9, ES Chapter 9 Hydrology Figures
Figure 9.9 Historic Flood Outlines: Section F



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
- EA Main Rivers
- WFD Watercourses
- All recorded historic flood outlines

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

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 9.9
HISTORIC FLOOD OUTLINES

nationalgrid

Figure Number	Drawing Reference		
FIGURE 9.9F	806503-WOOD-0226		
Scale	**Sheet Size**	**Sheet**	**Issue**
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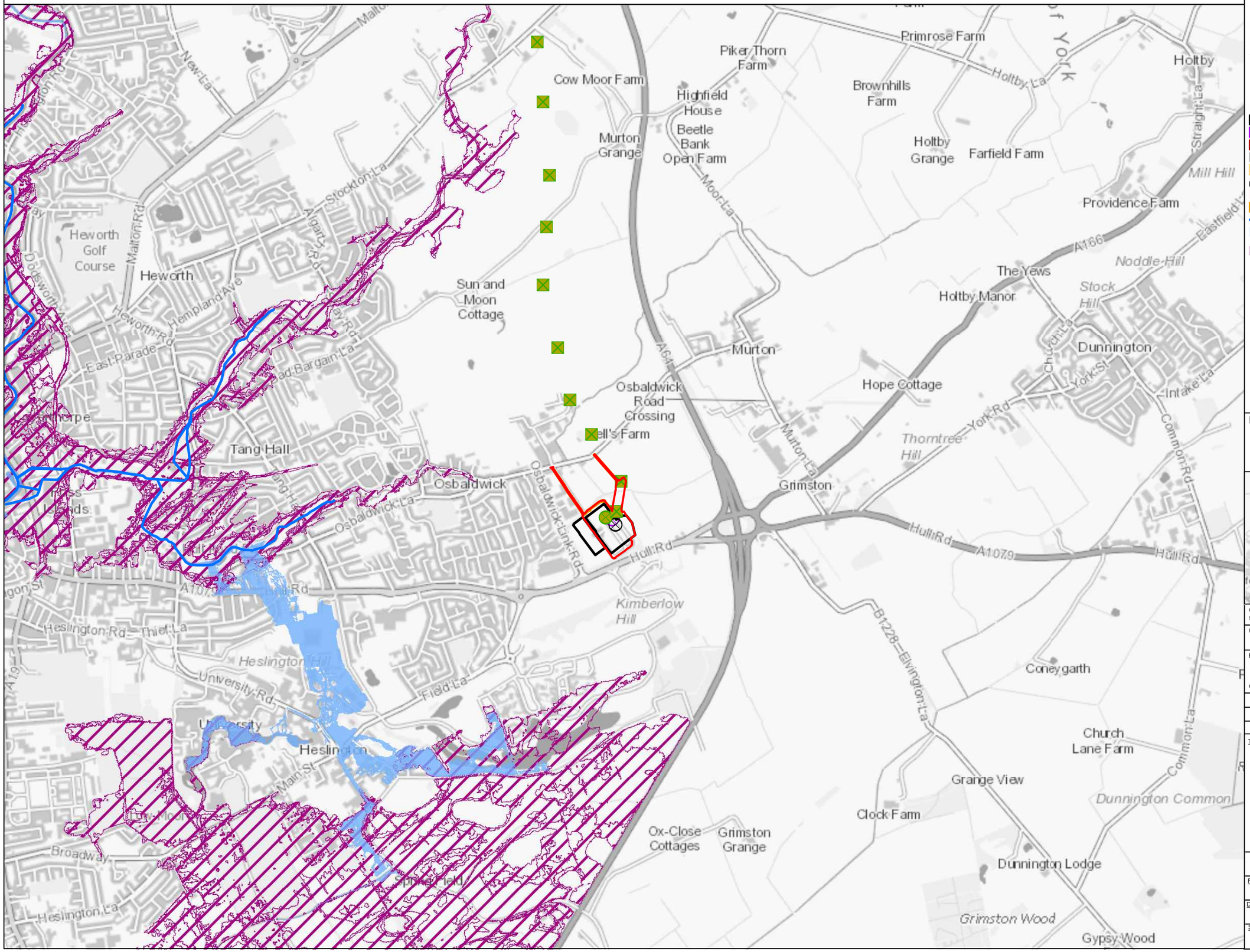
National Grid (Yorkshire Green Energy Enablement Project) Order
5.4.9, ES Chapter 9 Hydrology Figures
Figure 9.10 Reservoir Flood Extents: Section A



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

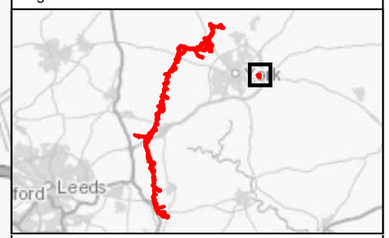
- Existing crossing
- New culvert crossing
- New bridge crossing

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
- EA Main Rivers
- When river levels are normal (Dry day)
- When there is also flooding from rivers (Wet day)

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: 464,313.68 Sheet Y Centroid Coordinate: 451,918.16

0 250 500 1,000 Meters

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 9.10
RESERVOIR FLOOD EXTENTS

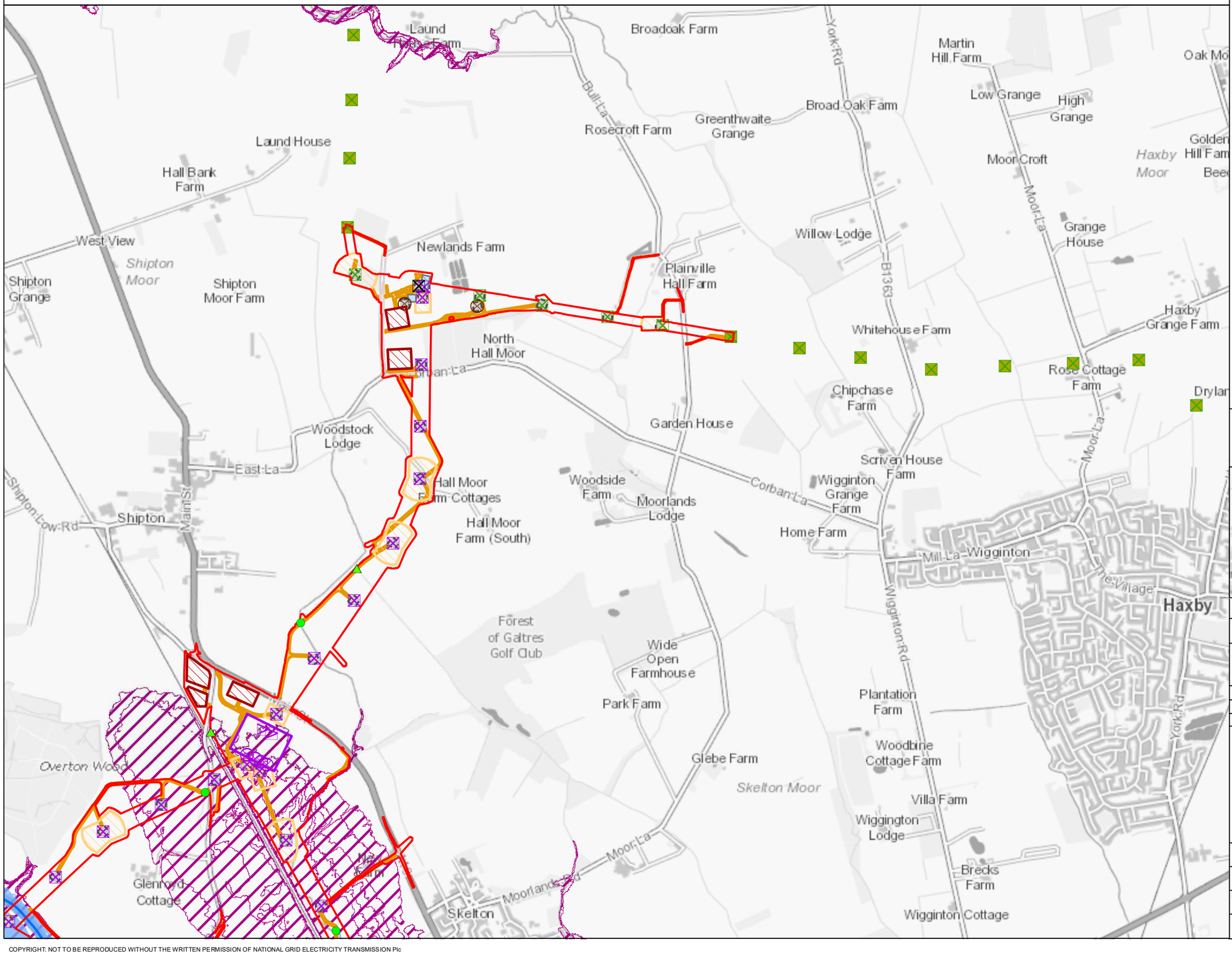
nationalgrid

Figure Number
FIGURE 9.10A

Drawing Reference
806503-WOOD-0227

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 9.10 Reservoir Flood Extents: 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
- EA Main Rivers
- When river levels are normal (Dry day)
- When there is also flooding from rivers (Wet day)

Notes

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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

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 9.10
RESERVOIR FLOOD EXTENTS

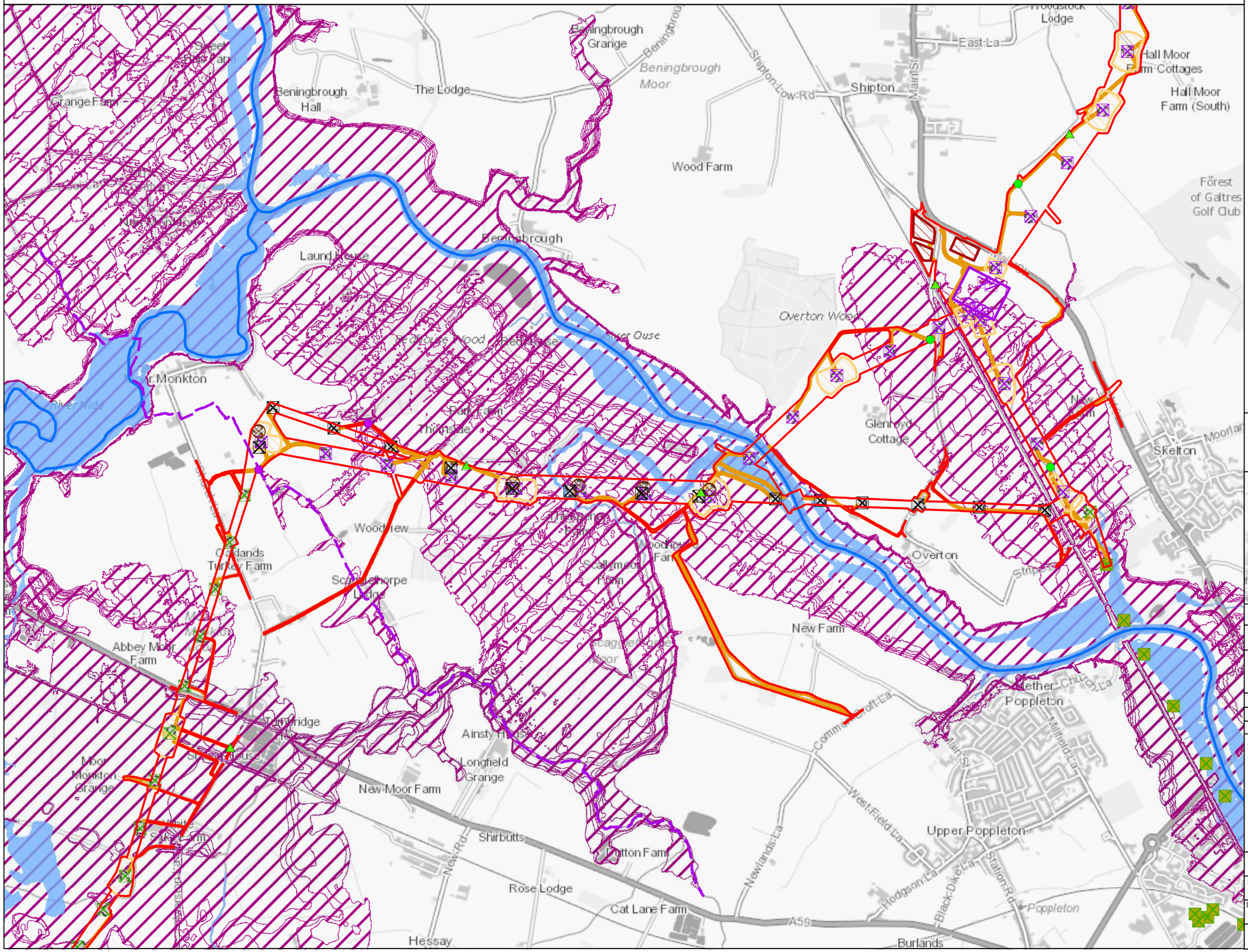
nationalgrid

Figure Number: FIGURE 9.10B

Drawing Reference: 806503-WOOD-0227

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 9.10 Reservoir Flood Extents: 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
- EA Main Rivers
- When river levels are normal (Dry day)
- When there is also flooding from rivers (Wet day)

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

0 275 550 1,100 Meters

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 9.10
RESERVOIR FLOOD EXTENTS

nationalgrid

Figure Number			
FIGURE 9.10B			
Drawing Reference			
806503-WOOD-0227			
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 9.10 Reservoir Flood Extents: 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
- EA Main Rivers
- When river levels are normal (Dry day)
- When there is also flooding from rivers (Wet day)

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

0 250 500 1,000 Meters

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 9.10
RESERVOIR FLOOD EXTENTS

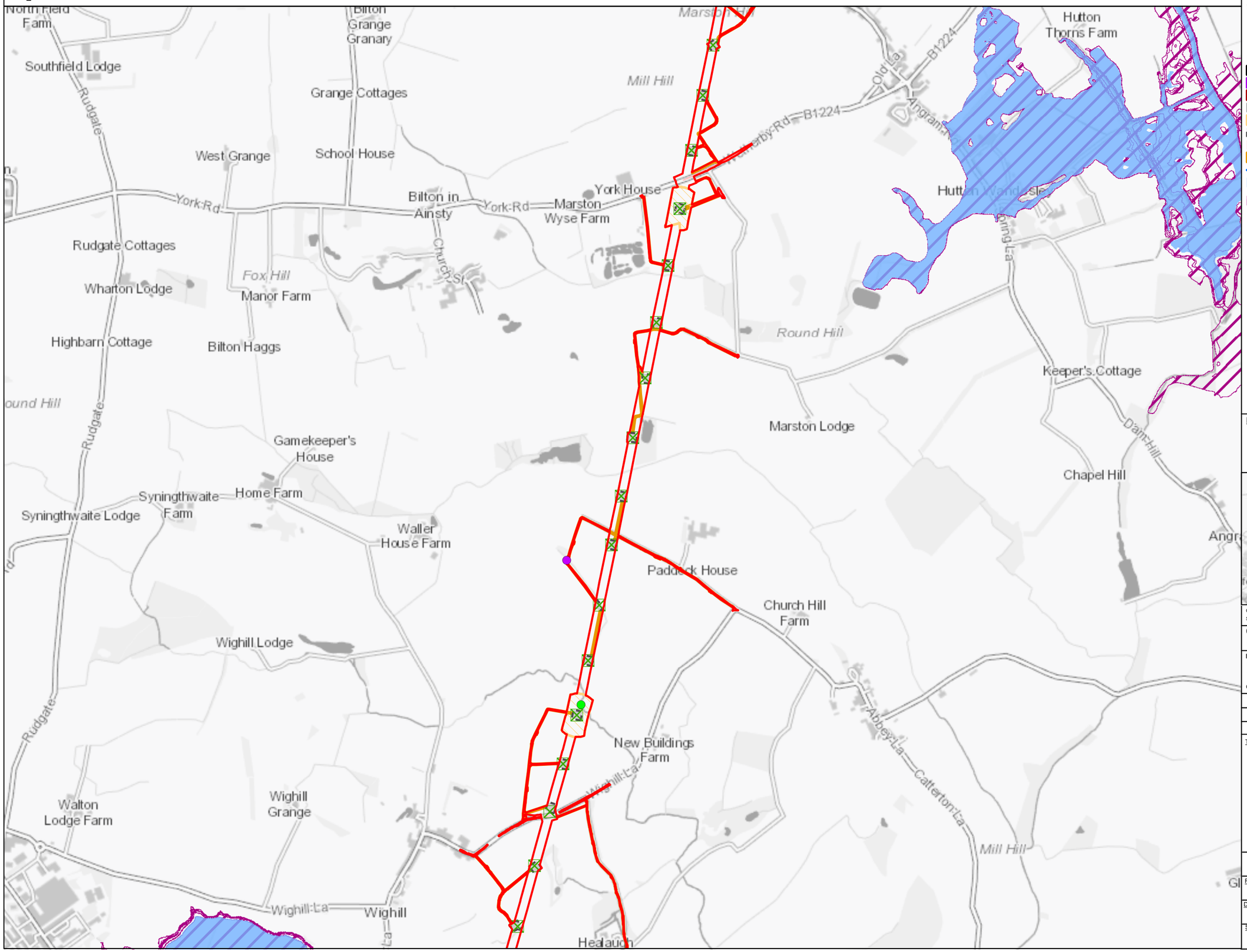
nationalgrid

Figure Number: FIGURE 9.10C

Drawing Reference: 806503-WOOD-0227

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 9.10 Reservoir Flood Extents: Section C



Legend

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

Watercourse crossings

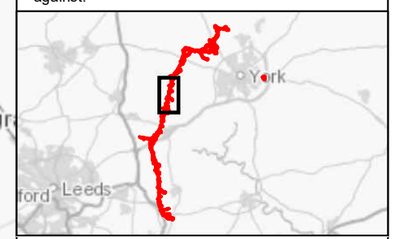
- Existing crossing
- New culvert crossing
- New bridge crossing

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
- EA Main Rivers
- When river levels are normal (Dry day)
- When there is also flooding from rivers (Wet day)

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

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

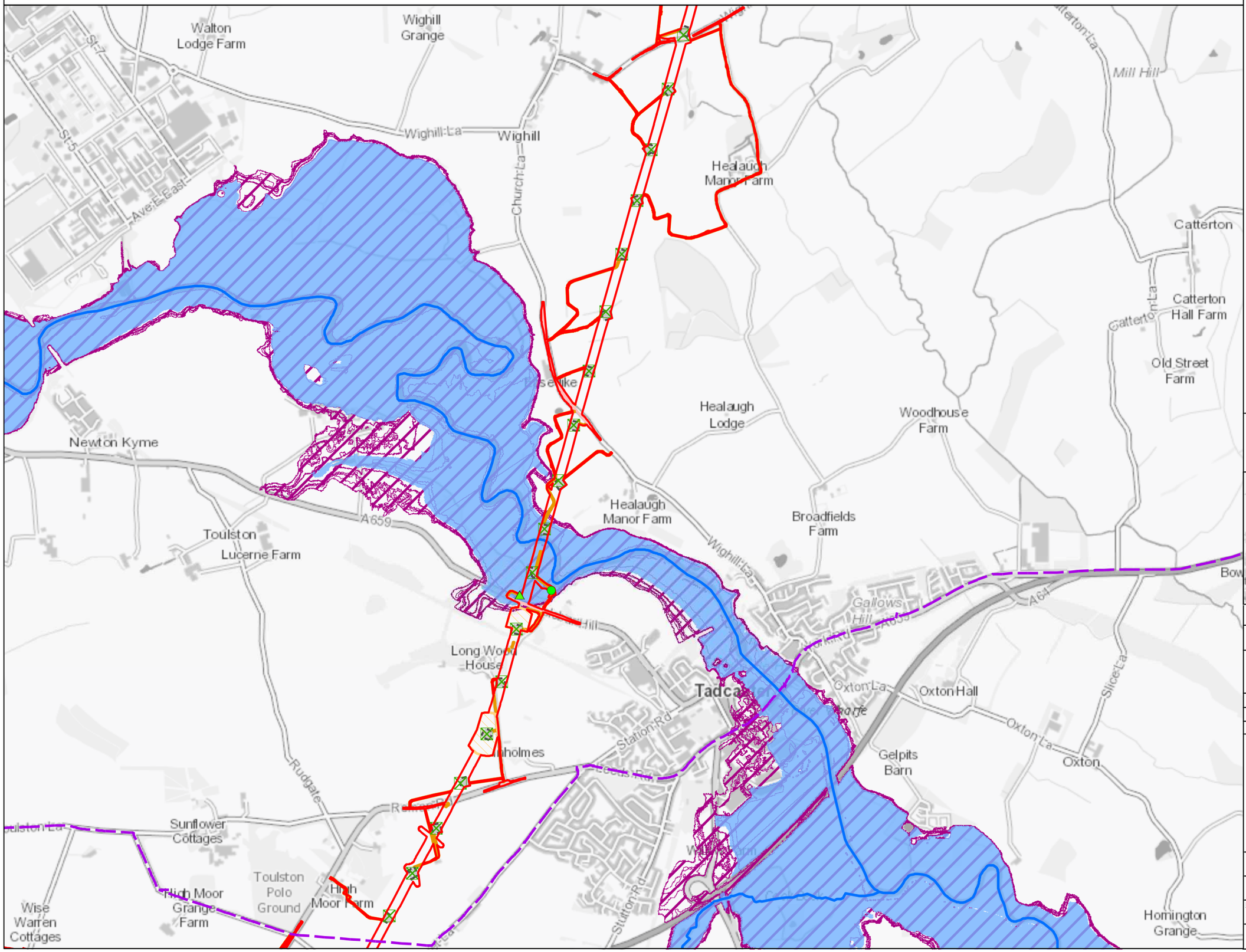
Title

5.4.9, ES CHAPTER 9
HYDROLOGY
FIGURE 9.10
RESERVOIR FLOOD EXTENTS

nationalgrid

Figure Number	Drawing Reference		
FIGURE 9.10C	806503-WOOD-0227		
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 9.10 Reservoir Flood Extents: Section C



Legend

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

Watercourse crossings

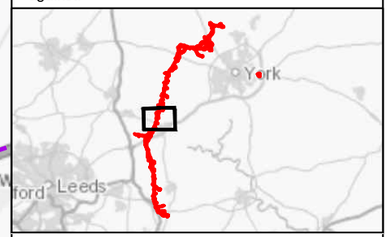
- Existing crossing
- New culvert crossing
- New bridge crossing

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
- EA Main Rivers
- When river levels are normal (Dry day)
- When there is also flooding from rivers (Wet day)

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

0 250 500 1,000 Meters

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

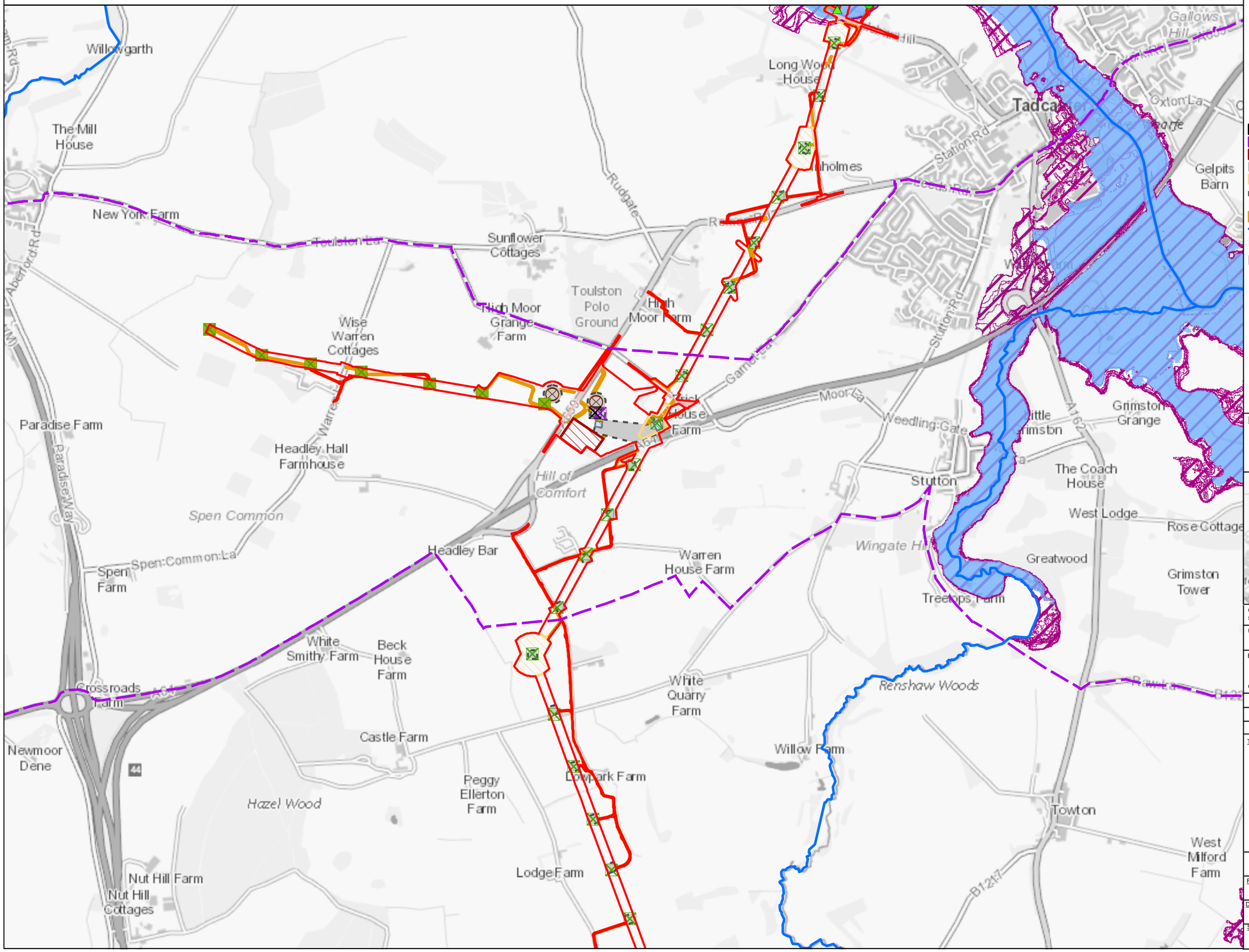
Title

5.4.9, ES CHAPTER 9
HYDROLOGY
FIGURE 9.10
RESERVOIR FLOOD EXTENTS

nationalgrid

Figure Number			
FIGURE 9.10C			
Drawing Reference			
806503-WOOD-0227			
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 9.10 Reservoir Flood Extents: 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
- EA Main Rivers
- When river levels are normal (Dry day)
- When there is also flooding from rivers (Wet day)

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

0 250 500 1,000 Meters

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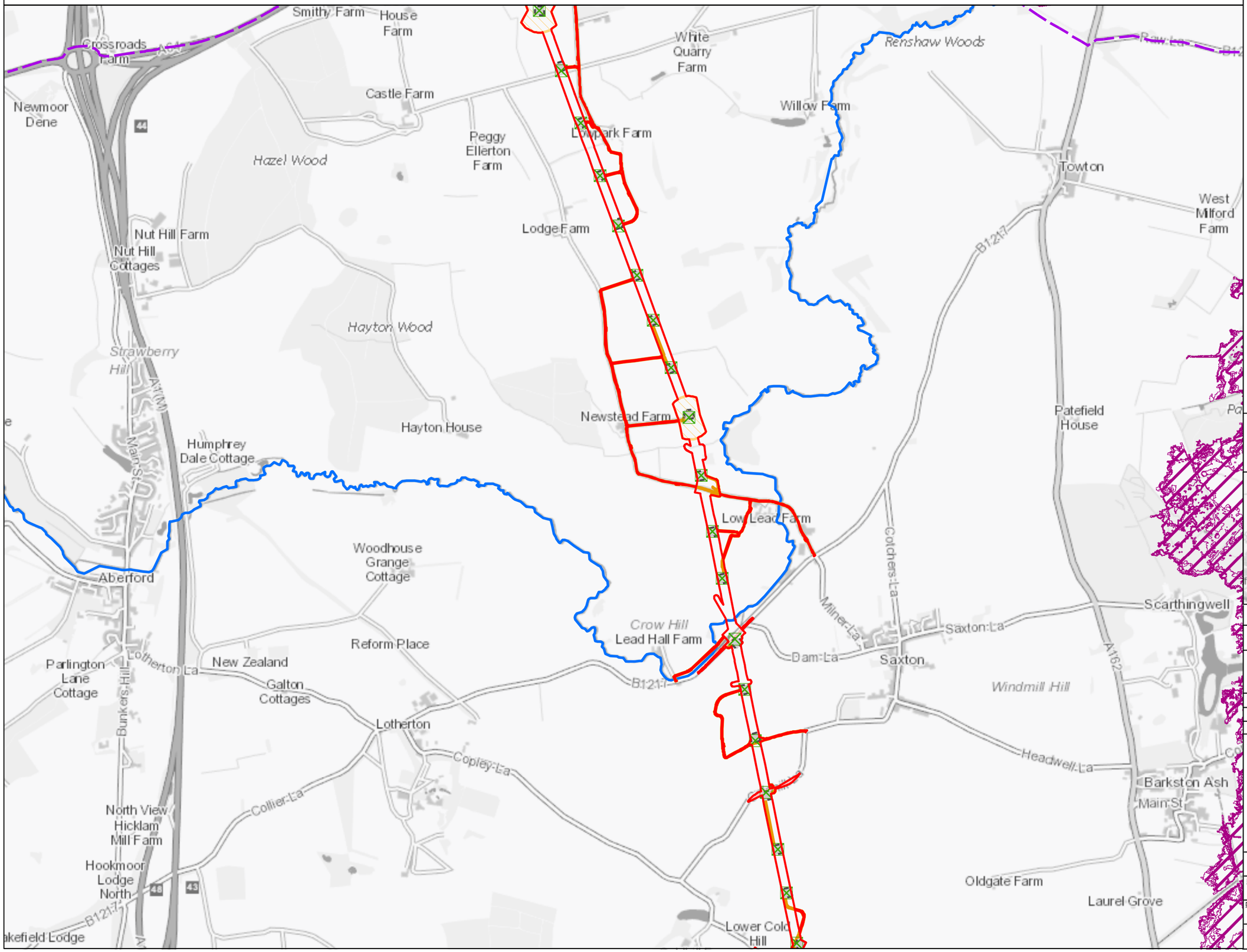
5.4.9, ES CHAPTER 9
HYDROLOGY
FIGURE 9.10
RESERVOIR FLOOD EXTENTS

nationalgrid

Figure Number			
FIGURE 9.10D			
Drawing Reference			
806503-WOOD-0227			
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 9.10 Reservoir Flood Extents: Section E



Legend

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

Watercourse crossings

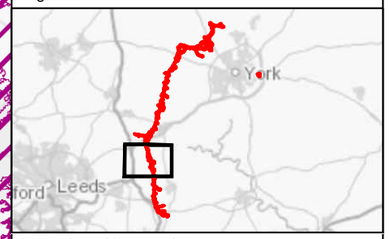
- Existing crossing
- New culvert crossing
- New bridge crossing

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
- EA Main Rivers
- When river levels are normal (Dry day)
- When there is also flooding from rivers (Wet day)

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

0 250 500 1,000 Meters

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

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5.4.9, ES CHAPTER 9
HYDROLOGY
FIGURE 9.10
RESERVOIR FLOOD EXTENTS

nationalgrid

Figure Number
FIGURE 9.10E

Drawing Reference
806503-WOOD-0227

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 9.10 Reservoir Flood Extents: 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
- EA Main Rivers
- When river levels are normal (Dry day)
- When there is also flooding from rivers (Wet day)

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

0 250 500 1,000 Meters

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

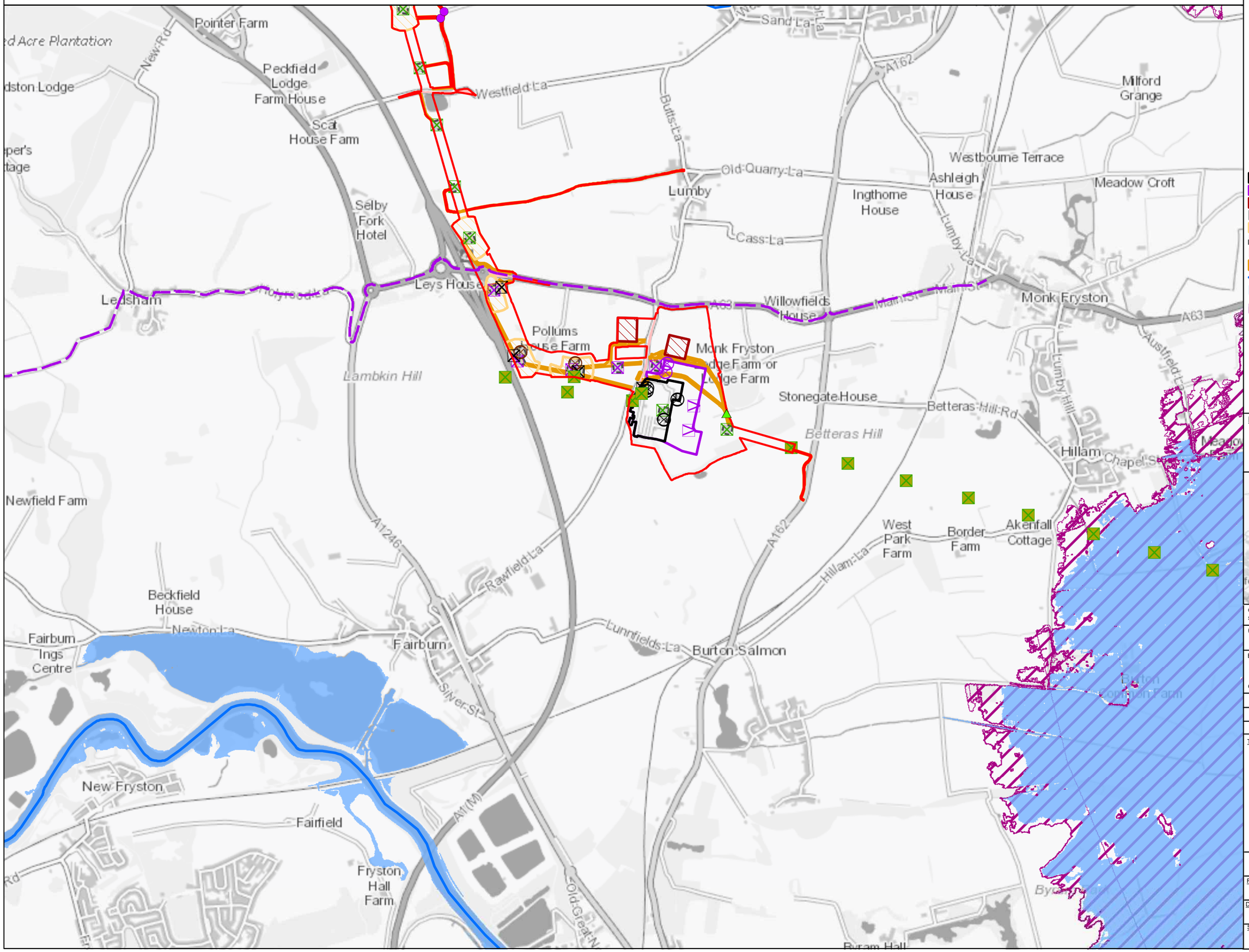
Title

5.4.9, ES CHAPTER 9
HYDROLOGY
FIGURE 9.10
RESERVOIR FLOOD EXTENTS

nationalgrid

Figure Number	Drawing Reference	Scale	Sheet Size	Sheet	Issue
FIGURE 9.10E	806503-WOOD-0227	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 9.10 Reservoir Flood Extents: 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
- EA Main Rivers
- When river levels are normal (Dry day)
- When there is also flooding from rivers (Wet day)

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

Issue	Date	Remarks	Drawn	Checked	Approved
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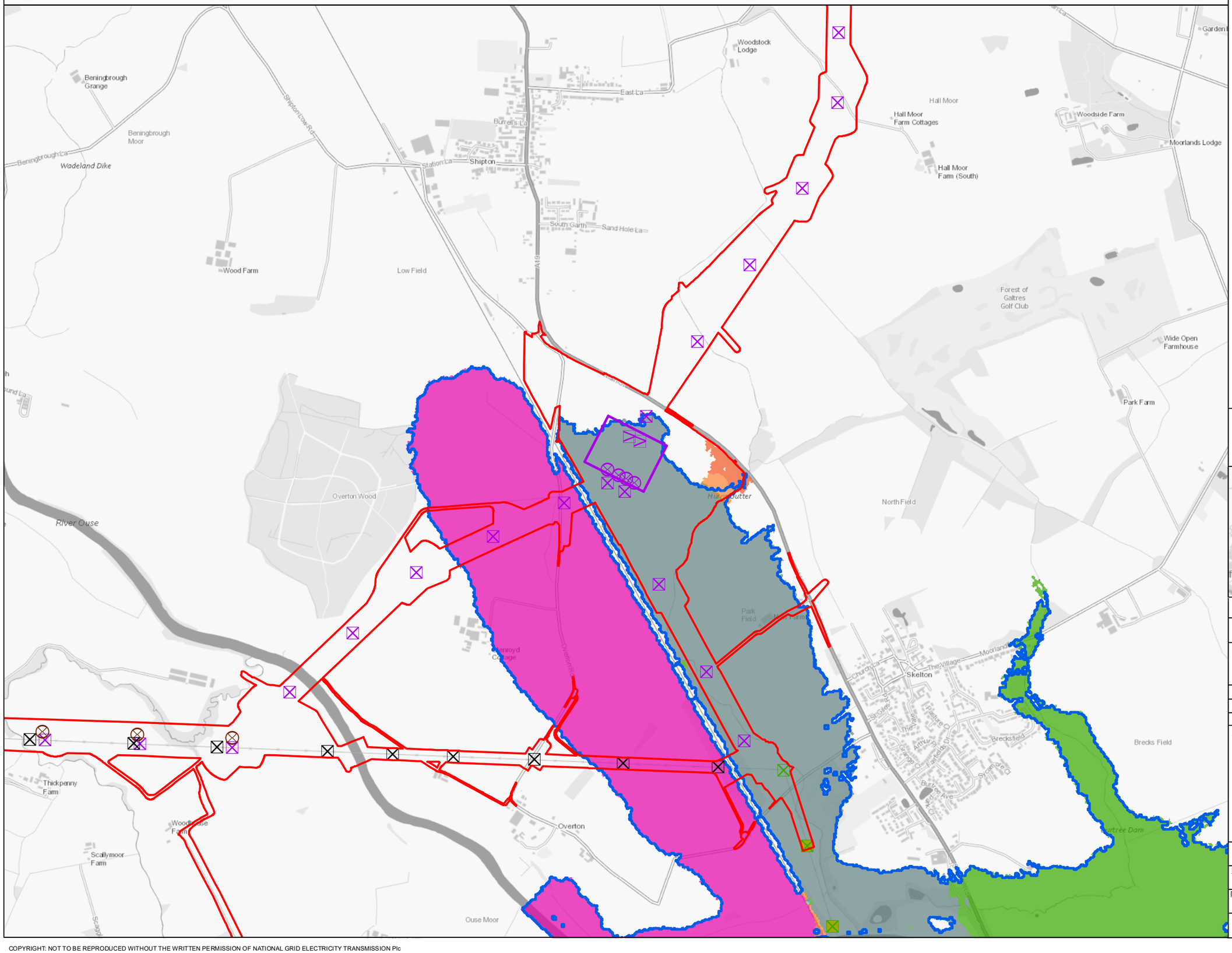
5.4.9, ES CHAPTER 9
HYDROLOGY
FIGURE 9.10
RESERVOIR FLOOD EXTENTS

nationalgrid

Figure Number	Drawing Reference		
FIGURE 9.10F	806503-WOOD-0227		
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 9.11 Overton Substation Flood Modelling



Legend

- Order Limits
- Proposed substation area
- 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

0.1% AEP +34% CC flood elevations

- <= 13.00
- 13.00 - 13.25
- 13.25 - 13.30
- 13.30 - 13.35
- 13.35 - 13.40
- 13.40 - 13.45
- 13.45 - 13.50
- 13.50 - 13.75
- 13.75 - 14.00
- > 14.00
- **0.1% AEP +34% CC flood elevations (No Hurns Gutter inflow)**

AEP = Annual Exceedance Probability. Where no flood risk is mapped the fluvial flood risk is categorised as 'Very Low'.

Notes

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

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 455,661.00 Sheet Y Centroid Coordinate: 457,309.00

0 187.5 375 750
Meters

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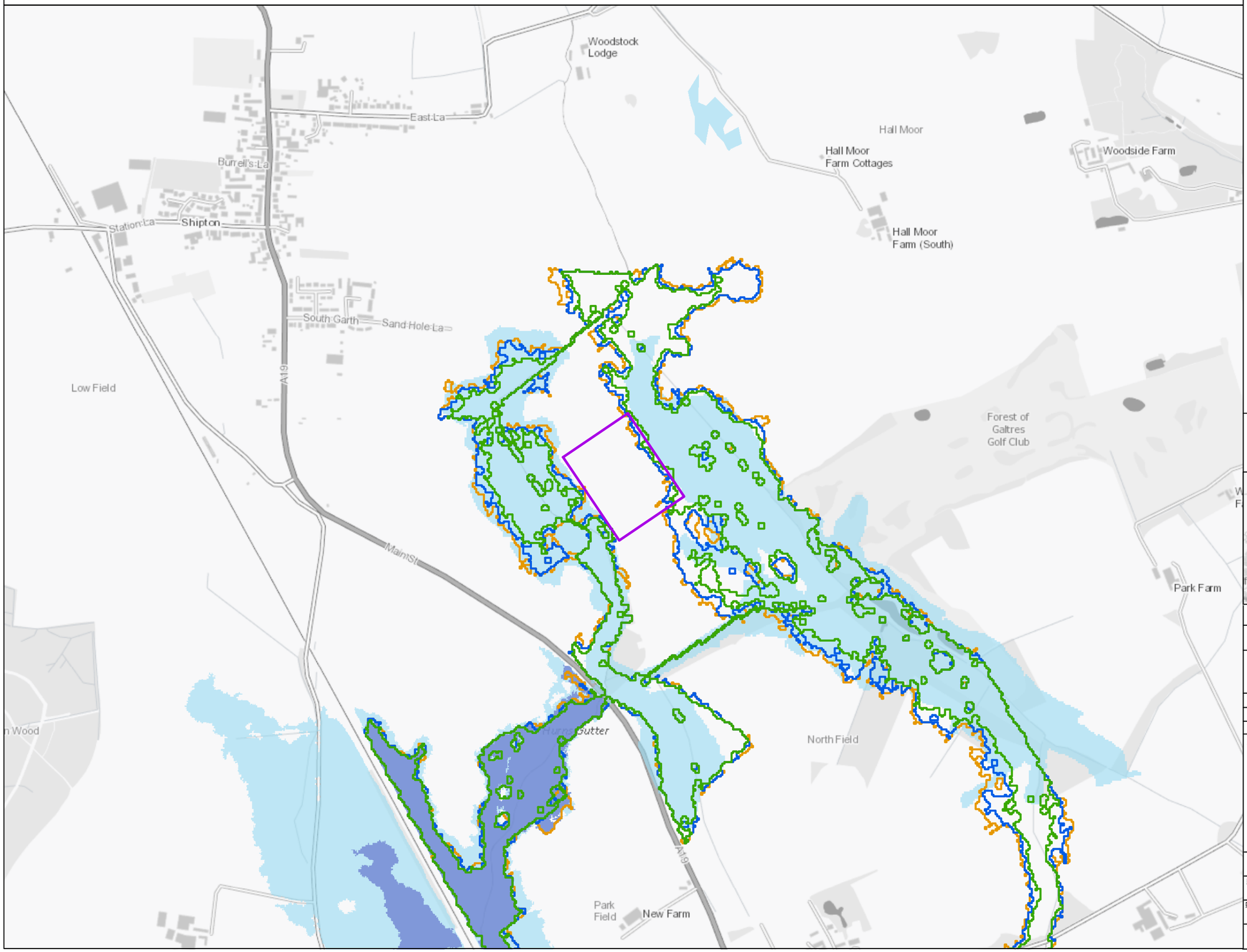
Title

5.4.9, ES CHAPTER 9
HYDROLOGY
FIGURE 9.11
OVERTON SUBSTATION
FLOOD MODELLING

nationalgrid

Figure Number	Drawing Reference		
FIGURE 9.11	806503-WOOD-0228		
Scale	**Sheet Size**	**Sheet**	**Issue**
1:15,000	A3	SHEET 1 OF 1	A

National Grid (Yorkshire Green Energy Enablement Project) Order
5.4.9, ES Chapter 9 Hydrology Figures
Figure 9.12 Alternative Overton Substation Flood Modelling



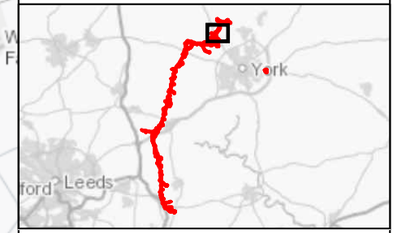
Legend

- Alternative substation area
- 1% AEP Flood Extent
- 0.1% AEP Flood Extent
- 0.1% AEP + 34% CC Flood Extent
- Flood Zone 3 (1% AEP)
- Flood Zone 2 (0.1% AEP)

AEP = Annual Exceedance Probability. Where no flood risk is mapped the fluvial flood risk is categorised as 'Very Low'.

Notes

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



Coordinate System: British National Grid
Sheet X Centroid Coordinate: 456,269.22 Sheet Y Centroid Coordinate: 457,905.66

0 125 250 500 Meters

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

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5.4.9, ES CHAPTER 9
HYDROLOGY
FIGURE 9.12
ALTERNATIVE OVERTON
SUBSTATION FLOOD MODELLING

nationalgrid

Figure Number
FIGURE 9.12

Drawing Reference
806503-WOOD-0229

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

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

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