

# **High Speed Rail (Crewe – Manchester)**

## **Supplementary Environmental Statement 1 and Additional Provision 1 Environmental Statement**

### **Volume 5: Map Book**

Ecology and biodiversity – designated sites (EC-01)



# **High Speed Rail (Crewe – Manchester)**

## **Supplementary Environmental Statement 1 and Additional Provision 1 Environmental Statement**

### **Volume 5: Map Book**

Ecology and biodiversity – designated sites (EC-01)



Department  
for Transport

High Speed Two (HS2) Limited has been tasked by the Department for Transport (DfT) with managing the delivery of a new national high speed rail network. It is a non-departmental public body wholly owned by the DfT.

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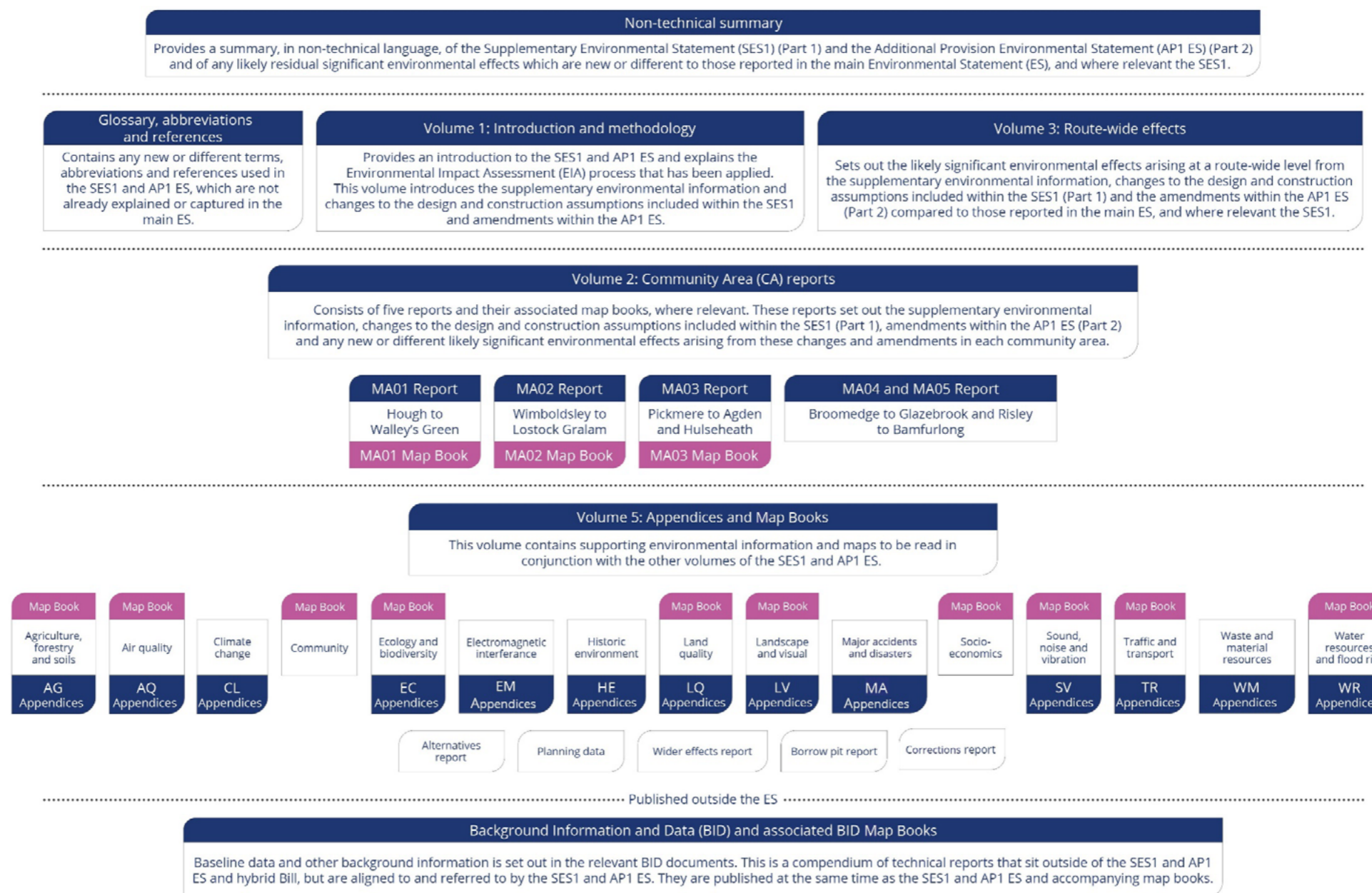
Data dictionary and definitions

Map series name	EC-01 - Designated Sites
<b>Map series description</b>	This map series shows statutory and non-statutory sites for nature conservation located in the vicinity of the land required for the construction of the Proposed Scheme. They also show the location of Nature Reserves of the RSPB and Wildlife Trusts, and ancient woodland.
<b>Community Area name</b>	
MA01 Hough to Walley's Green	✓
MA02 Wimboldsley to Lostock Gralam	✓
MA03 Pickmere to Agden and Hulseheath	✓
MA04 Broomedge to Glazebrook	
MA05 Risley to Bamfurlong	

# Mapping explanatory notes

## Structure of the Supplementary Environmental Statement 1 and the Additional Provision 1 Environmental Statement

This map book is part of the suite of documents that make up the Supplementary Environmental Statement 1 (SES1) and the Additional Provision 1 Environmental Statement (AP1 ES) for the High Speed Rail (Crewe – Manchester) scheme. The SES1 and the AP1 ES are separate documents; however, they are bound together and presented in a number of volumes shown in Figure 1.



## Copyright statements

Copyright statements are presented in the data dictionary and definitions section at the front of the map book, due to limited space to include this on the individual maps themselves.

## Ordnance Survey data

All maps produced as part of the SES1 and AP1 ES contain Ordnance Survey (OS) data. HS2 Ltd use the most up to date mapping available, where possible, supplied by the OS and as such, we cannot be held responsible for any inaccuracies within this data. As part of our licence conditions, all digital maps carry a watermark.

## Chainage

Most of the maps presented as part of the SES1 and AP1 ES have a chainage value shown next to the alignment. Chainage is presented on the maps in black font, in the form of XXX+YYY, e.g. 192+000 or 239+500.

Chainage (known as reference chainage) is referenced from Euston Station, which is 0+000, and the value presented is in metres, e.g. 192+000 refers to the point, 192,000m, or 192km, from Euston Station. Chainage values increase in intervals dependent on the map scale. For maps at 1:50,000 scale chainage is shown at 5km intervals. For maps at 1:25,000 scale chainage is shown at 2km intervals. For maps at 1:20,000, 1:10,000, 1:5,000 and 1:2,500 scales, chainage is shown at 1km intervals.

Chainage has been included on the maps as a useful tool for comparing different map sets showing the different environmental themes or engineering plans, due to map sets having different scales, and therefore, showing differing amounts of alignment on the map.

## Map sheet layout

Each map in Volume 2 is presented twice, with the main ES map (In Parliament - Session 2021 - 2022) on the left-hand page and the SES1 and the AP1 ES map on the right. For the CT-05 and CT-06 map series, the SES1 and the AP1 ES is shown with different coloured hatching, annotated with labels, which highlights the areas of change. The coloured text box provides a brief description of the design change and amendment, and gives the SES1 and the AP1 ES reference number. In some instances where the effect covers a large area, a box without hatching but with a label, is shown. Only maps which have been amended as a result of the SES1 and the AP1 ES are included within the map books. Other design changes which are within the existing limits of the Bill and do not result in new or different likely significant effects are also shown on the maps, but are not indicated by hatching.

Each Volume 5 map is annotated to describe the change to a receptor or significant effect, and to give the SES1 and the AP1 ES reference number. For more detailed information about the SES1 and the AP1 ES annotation, refer to the map series legend. Only maps which have been amended as a result of the SES1 and the AP1 ES are included within the map book.

## Map orientation

The majority of the maps presented in these map books are presented with the railway alignment running horizontally across the page. The direction of travel to London would be following the alignment to the left hand side of the page, and Manchester to the right.

The exception to this, are map series LV-00, LV-02, LV-07 and LV-08, which present the alignment running from bottom to top of the page. This is to allow more of the modelled outputs to be shown at the appropriate map scale. In this instance, the direction of travel to London would be to the bottom of the page, and Manchester to the top.

Further details on the approach to mapping is set out in Section 6 of Volume 1 of the SES1 and AP1 ES.

## Map books

In total, there are 14 map books included in the SES1 and AP1 ES Volume 2 and Volume 5. A list of the map book titles and map series is provided below for reference.

Map book title (map series)	Name
Volume 2: Map book – MA01: Hough to Walley's Green (CT-05, CT-06, CT-10, LV-01, LV-03, LV-04, SV-05)	Volume 5: Map book – Land quality (LQ-01)
Volume 2: Map book – MA02: Wimboldsley to Lostock Gralam (CT-05, CT-06, CT-10, LV-01, LV-03, LV-04, SV-05)	Volume 5: Map book – Landscape and visual (LV-00, LV-02, LV-07, LV-08, LV-17)
Volume 2: Map book – MA03: Pickmere to Agden and Hulseheath (CT-05, CT-06, CT-10, LV-01, LV-03, LV-04, SV-05)	Volume 5: Map book – Planning Data/Committed Development (CT-13)
Volume 5: Map book – Agriculture (AG-01, AG-04)	Volume 5: Map book – Socio-economics (SE-01)
Volume 5: Map book – Air quality (AQ-01)	Volume 5: Map book – Sound, noise and vibration (SV-02, SV-03, SV-08, SV-09)
Volume 5: Map book – Community (CM-01)	Volume 5: Map book – Traffic and transport (TR-03, TR-04, TR-08)
Volume 5: Map book – Ecology and biodiversity (EC-01)	Volume 5: Map book – Water resources and flood risk (WR-02)

## **High Speed Rail (Crewe – Manchester)**

### **Supplementary Environmental Statement 1 and Additional Provision 1 Environmental Statement**

Data dictionary and definitions

## Data dictionary and definitions

Legend features	Definition	Source	Copyright
Ancient Woodland	Ancient Woodland is land that has had continuous woodland cover since at least 1600AD. Natural England maintain an inventory of ancient woodlands. On the basis of the heritage review undertaken by HS2 Ltd, Natural England has confirmed that a number of woodlands of potential relevance to the assessment will be added to the AWI. These have additionally been mapped.	Natural England	© Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2021 © Crown copyright. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of Publication 2021.
Community area boundary	The Environmental Statement has been split into sections called Community Areas.	High Speed Two (HS2) Ltd	© Crown copyright. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of Publication 2019.
County boundary	County boundaries from Ordnance Survey boundary mapping.	Ordnance Survey	© Crown copyright. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of Publication 2021.
Depot, station, headhouse or portal building	Extends to cover operational footprint of each depot and station and the footprint of each tunnel vent shaft and headhouse at surface level. Excludes any ancillary buildings associated with these structures.	High Speed Two (HS2) Ltd	
District/Borough boundary	Ordnance Survey local authority boundary mapping.	Ordnance Survey	© Crown copyright. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of Publication 2021.
Land potentially required during construction	Boundary defining the maximum possible extent of construction works required to build HS2 as far as the current level of design allows. This only covers surface works and includes all tunnel portals, vent shafts and headhouses, but does not apply to wholly tunnelled sections or to air rights. It also encompasses associated highway, access, drainage and utility works.	High Speed Two (HS2) Ltd	

Legend features	Definition	Source	Copyright
Local Nature Reserve (LNR)	A Local Nature Reserve (LNR) is a statutory designation made under Section 21 of the National Parks and Access to the Countryside Act 1949 by principal local authorities. Data supplied has the status of Declared. The boundaries are interpreted from material gathered from the local authorities and does not currently cover all LNRs. This national dataset is indicative not definitive. Definitive information can only be provided by individual local authorities and you should refer directly to their information for all purposes that require the most up to date and complete dataset.	Natural England	© Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2019.
Local Wildlife Sites (LWS)	Local Wildlife Sites (LWS) are identified and selected for their local nature conservation value. They protect threatened species and habitats acting as buffers, stepping stones and corridors between nationally-designated wildlife sites. They are local non-statutory nature conservation sites. They were formerly referred to as County Wildlife Sites.	Cheshire Biological Group Cheshire East Council Cheshire West and Chester Council Cheshire Wildlife Trust	© Cheshire Biological Group. © Cheshire East Council. © Cheshire West and Chester Council. © Cheshire Wildlife Trust.
National Nature Reserve (NNR)	Designated and non-designated nature reserves managed by local authorities, The Wildlife Trusts and private landowners.	Natural England	© Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2021.
Ramsar Site - Wetland of International Importance	A Ramsar Site is the land listed as a Wetland of International Importance under the Convention on Wetlands of International Importance Especially as Waterfowl Habitat (the Ramsar Convention) 1971. Data supplied has the status of "Listed".	Natural England	© Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2021.
Route in tunnel	Represents the proposed route of HS2, split into route on surface and tunnelled sections.	High Speed Two (HS2) Ltd	
Route on surface	Represents the proposed route of HS2, split into route on surface and tunnelled sections.	High Speed Two (HS2) Ltd	
Site of Special Scientific Interest (SSSI)	A Site of Special Scientific Interest (SSSI) is the land notified as an SSSI under the Wildlife and Countryside Act (1981), as amended.	Natural England	© Natural England copyright. Contains Ordnance Survey data. © Crown copyright and database right 2021.
Sites of Biological Importance (SBI)	SBIs are non-statutory areas of substantive nature conservation importance within the county of Greater Manchester. The SBI system is designed to establish and highlight to planners, landowners and site managers where areas of high biodiversity interest occur so that appropriate decisions on planning applications, land use and land management can be made.	Cheshire East Council	© Cheshire East Council.
Special Area of Conservation (SAC)	A Special Area of Conservation (SAC) is the land designated under Directive 92/43/EEC on the Conservation of Natural Habitats and of Wild Fauna and Flora.	Natural England	© Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2021.
Special Protection Area (SPA)	Special Protection Areas (SPAs) are strictly protected sites classified in accordance with Article 4 of the EC Birds Directive, which came into force in April 1979. They are classified for rare and vulnerable birds (as listed on Annex I of the Directive), and for regularly occurring migratory species.	Natural England	© Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2021.

Legend features	Definition	Source	Copyright
Water body	Any mass of water having definite hydrological, physical, chemical and biological characteristics.	Ordnance Survey	© Crown copyright. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of Publication 2021.
Watercourse	Any channel through which water flows, can be natural or manmade. They are split into two categories (main rivers or ordinary watercourses) in England and Wales for regulation purposes.	Ordnance Survey	© Crown copyright. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of Publication 2021.
Woodland (verified by survey)	Woodland areas derived from Ordnance Survey MasterMap data, limited in extent to 500m from the CCB.	High Speed Two (HS2) Ltd	



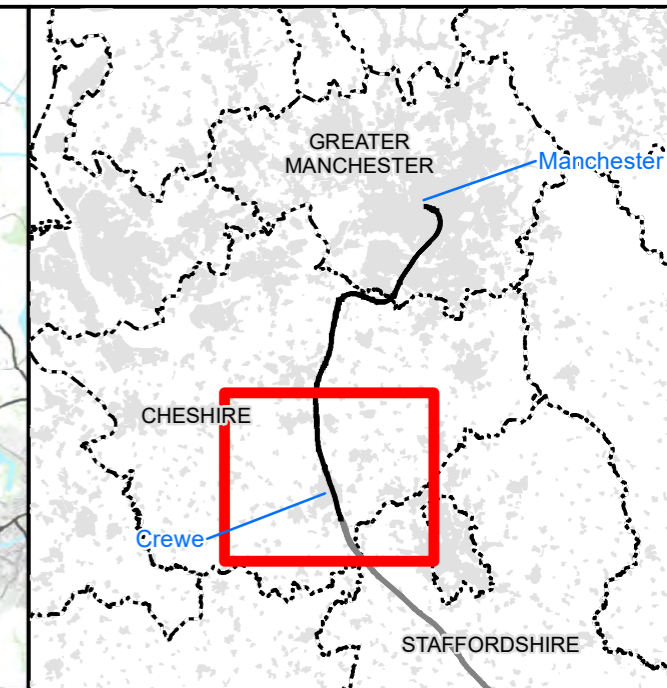
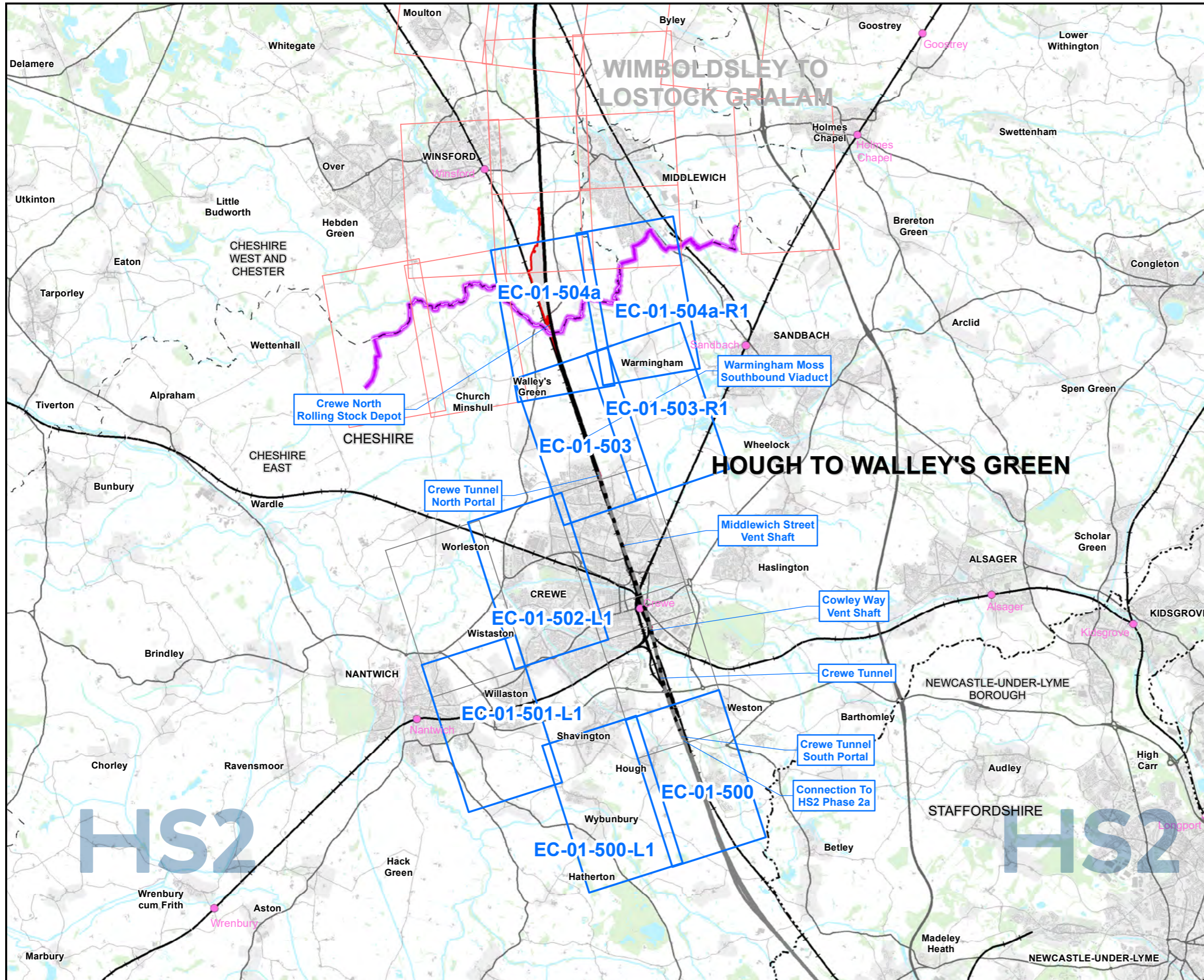
## **High Speed Rail (Crewe – Manchester)**

### **Supplementary Environmental Statement 1 and Additional Provision 1 Environmental Statement**

MA01: Hough to Walley's Green

EC-01 – Designated sites





**Map Series Information:**

This map series shows statutory and non-statutory sites for nature conservation located in the vicinity of the land required for the construction of the Proposed Scheme. They also show the location of Nature Reserves of the RSPB and Wildlife Trusts, and ancient woodland.

**Main Map Legend**

	Route in tunnel		Map sheets included in this community area
	Route on surface		Map sheets included in this community area with no amendment
	Depot, station, headhouse or portal building		Map sheets not included in this community area
	Community area boundary		
	Existing railway station		
	County boundary		
	District/Borough boundary		

Map Number	EC-01-INDEX-MA01
Map Name	Index Map of: Designated Sites SES1 and AP1 ES Community Area MA01: Hough to Walley's Green

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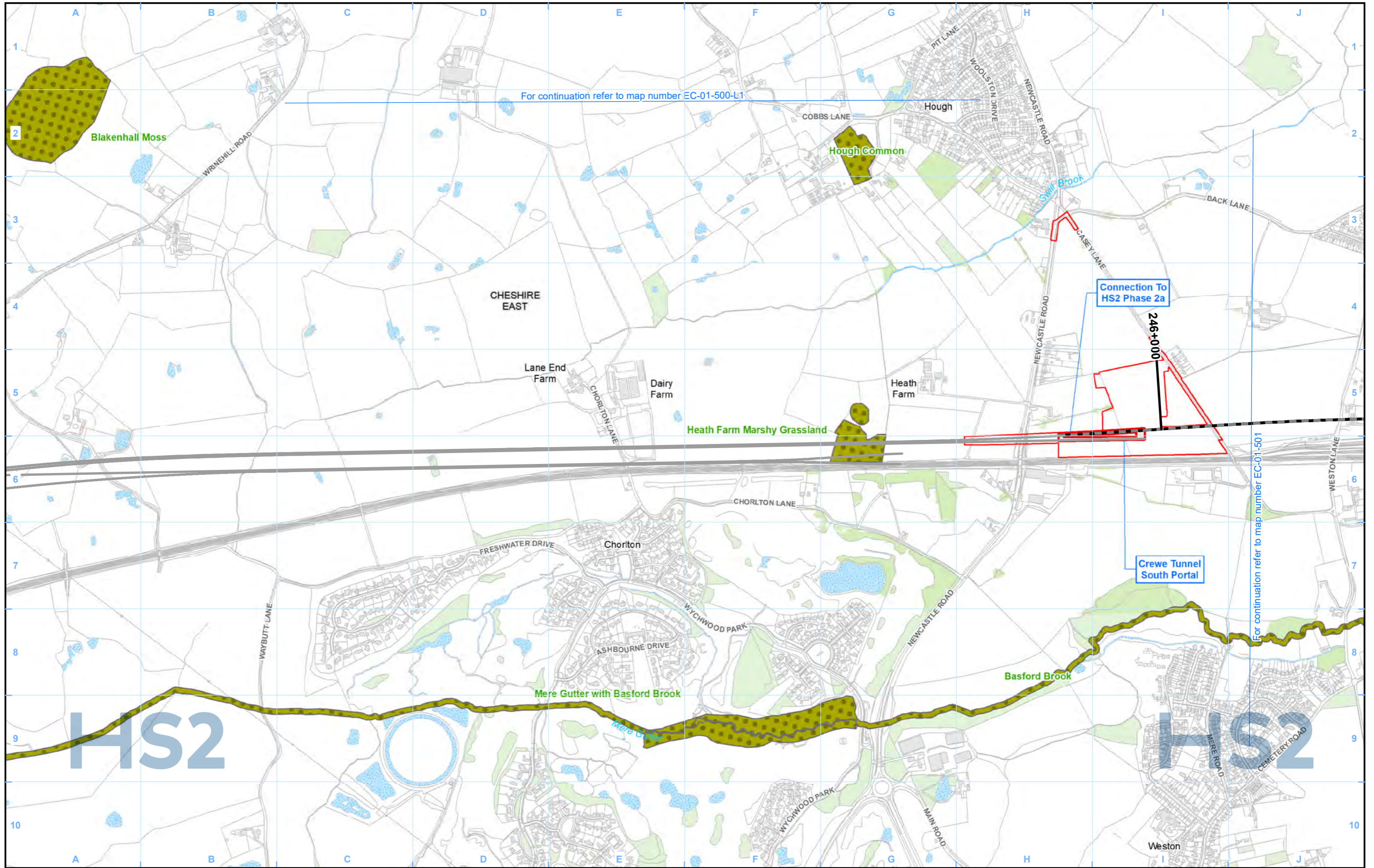
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For continuation refer to map number EC-01-500-L1

For continuation refer to map number EC-01-501

Legend	
	Route in tunnel
	Route on surface
	Depot, station, headhouse or portal building
	Land potentially required during construction
	Community area boundary
	County boundary
	District/Borough boundary
	Watercourse
	Water body
	Woodland (verified by survey)
	Site of Special Scientific Interest (SSSI)
	Special Protection Area (SPA)
	Special Area of Conservation (SAC)
	Local Nature Reserve (LNR)
	Local Wildlife Sites (LWS) / Sites of Biological Importance (SBI)
	National Nature Reserve (NNR)
	Ancient woodland
	Ramsar Site - Wetland of International Importance

N.B. Due to the overlapping nature of some ecological designations and the range of different site designations that occur across the route individual designations may on occasion be obscured. In all cases where an area of land is covered by more than one ecological designation, as a minimum the ecological designation of highest value is visible.

Map Number	EC-01-500
Map Name	Designated Sites SES1 and AP1 ES
	Community Area MA01: Hough to Walley's Green

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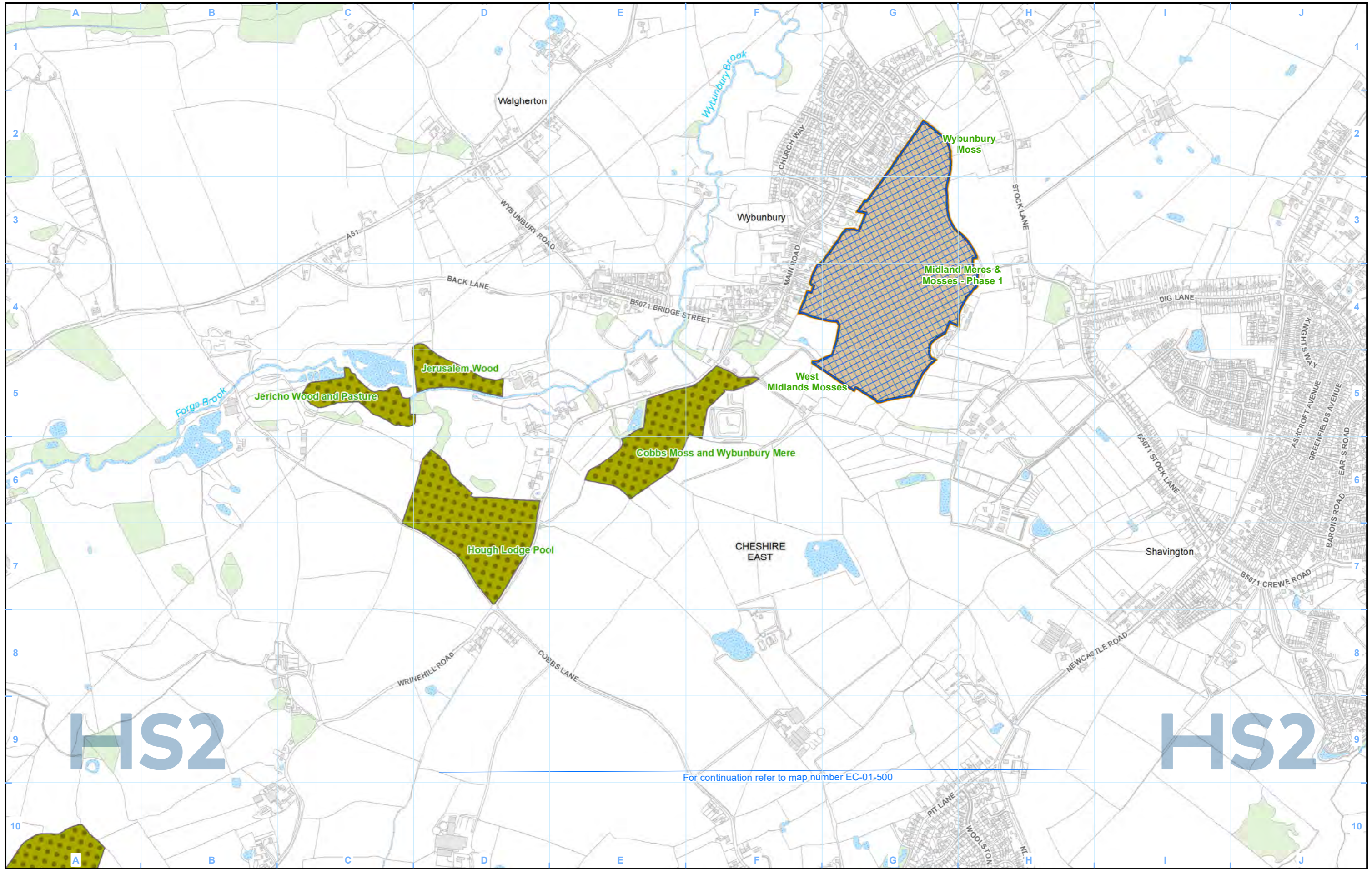
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Metres

Date: 22/04/22





# HS2

# HS2

For continuation refer to map number EC-01-500

**Legend**

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community area boundary
- County boundary
- District/Borough boundary

- Watercourse
- Water body
- Woodland (verified by survey)
- Site of Special Scientific Interest (SSSI)
- Special Protection Area (SPA)
- Special Area of Conservation (SAC)
- Local Nature Reserve (LNR)

- Local Wildlife Sites (LWS) / Sites of Biological Importance (SBI)
- National Nature Reserve (NNR)
- Ancient woodland
- Ramsar Site - Wetland of International Importance

N.B. Due to the overlapping nature of some ecological designations and the range of different site designations that occur across the route individual designations may on occasion be obscured. In all cases where an area of land is covered by more than one ecological designation, as a minimum the ecological designation of highest value is visible.

Map Number: EC-01-500-L1

Map Name: Designated Sites SES1 and AP1 ES

Community Area MA01: Hough to Walley's Green

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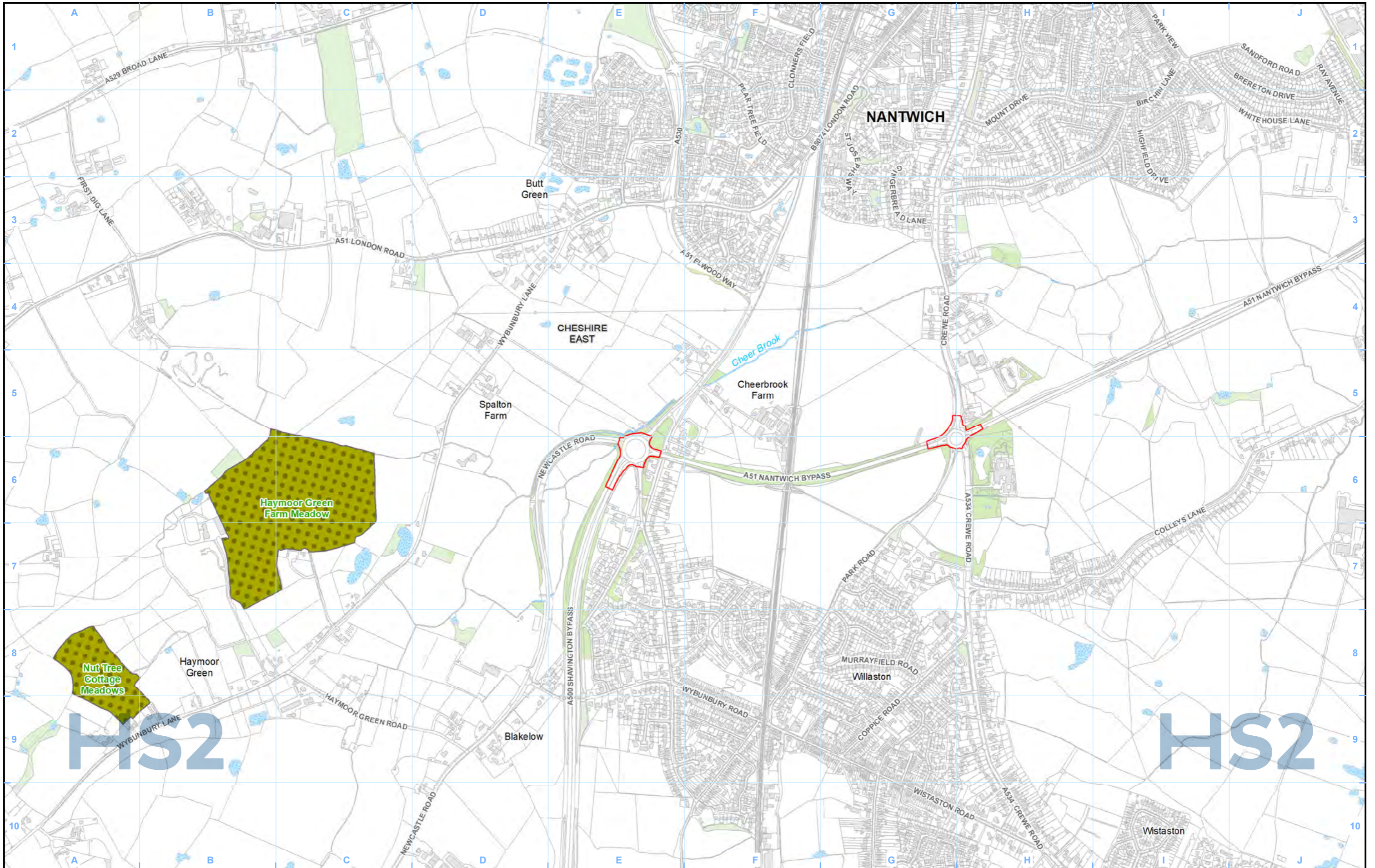
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0 100 200 300 400 Metres





- Legend**
- Route in tunnel
  - Route on surface
  - Depot, station, headhouse or portal building
  - Land potentially required during construction
  - Community area boundary
  - County boundary
  - District/Borough boundary

- Watercourse
- Water body
- Woodland (verified by survey)
- Site of Special Scientific Interest (SSSI)
- Special Protection Area (SPA)
- Special Area of Conservation (SAC)
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N.B. Due to the overlapping nature of some ecological designations and the range of different site designations that occur across the route individual designations may on occasion be obscured. In all cases where an area of land is covered by more than one ecological designation, as a minimum the ecological designation of highest value is visible.

Map Number: EC-01-501-L1

Map Name: Designated Sites SES1 and AP1 ES

Community Area MA01: Hough to Walley's Green

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For continuation refer to map number EC-01-502-L2

For continuation refer to map number EC-01-502



**Legend**


N.B. Due to the overlapping nature of some ecological designations and the range of different site designations that occur across the route individual designations may on occasion be obscured. In all cases where an area of land is covered by more than one ecological designation, as a minimum the ecological designation of highest value is visible.

Map Number	EC-01-502-L1
Map Name	Designated Sites SES1 and AP1 ES
	Community Area MA01: Hough to Walley's Green

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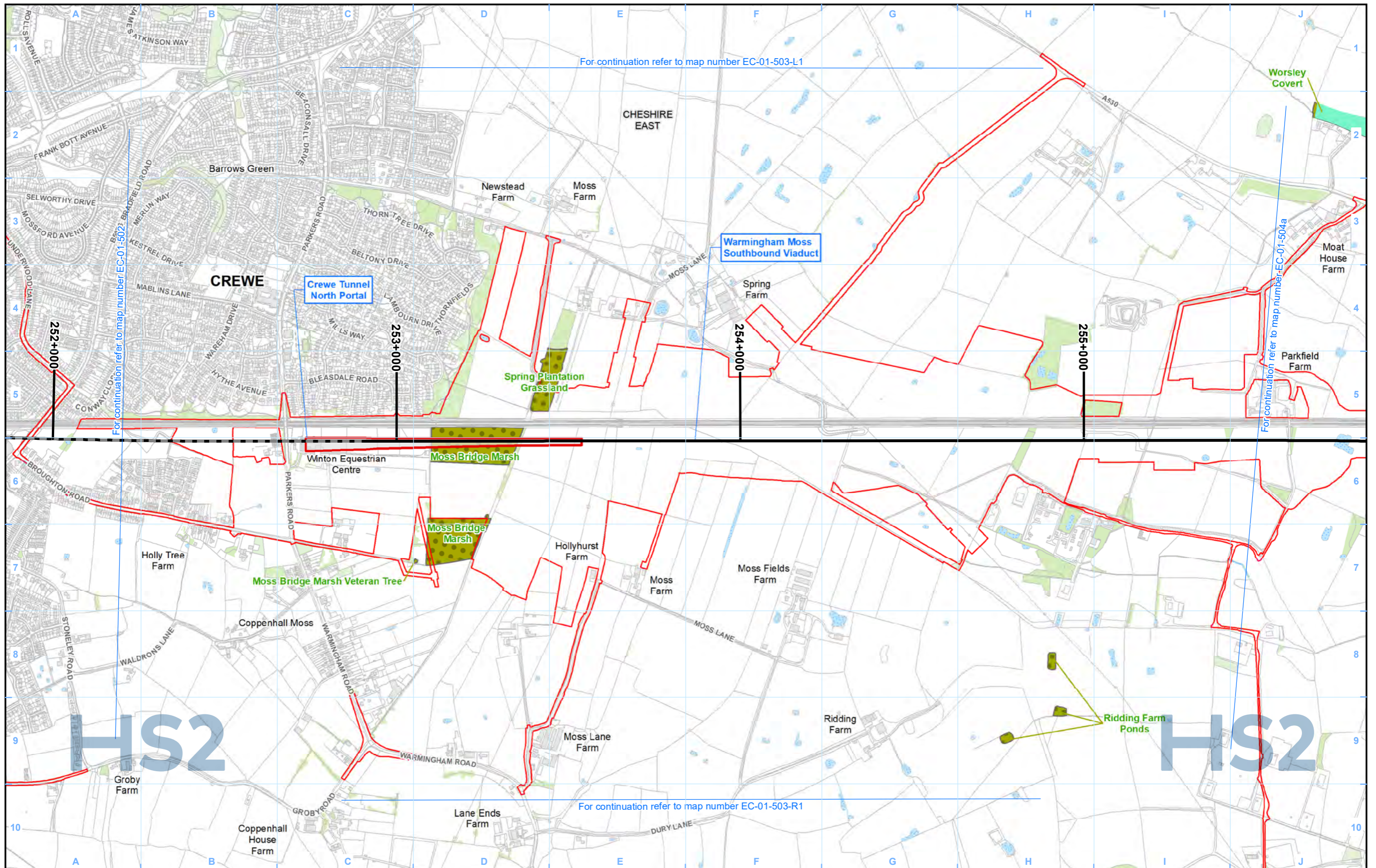
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**Legend**

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community area boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)
- Site of Special Scientific Interest (SSSI)
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- Special Area of Conservation (SAC)
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- National Nature Reserve (NNR)
- Ancient woodland
- Ramsar Site - Wetland of International Importance

N.B. Due to the overlapping nature of some ecological designations and the range of different site designations that occur across the route individual designations may on occasion be obscured. In all cases where an area of land is covered by more than one ecological designation, as a minimum the ecological designation of highest value is visible.

Map Number: EC-01-503  
 Map Name: Designated Sites SES1 and AP1 ES  
 Community Area MA01: Hough to Walley's Green

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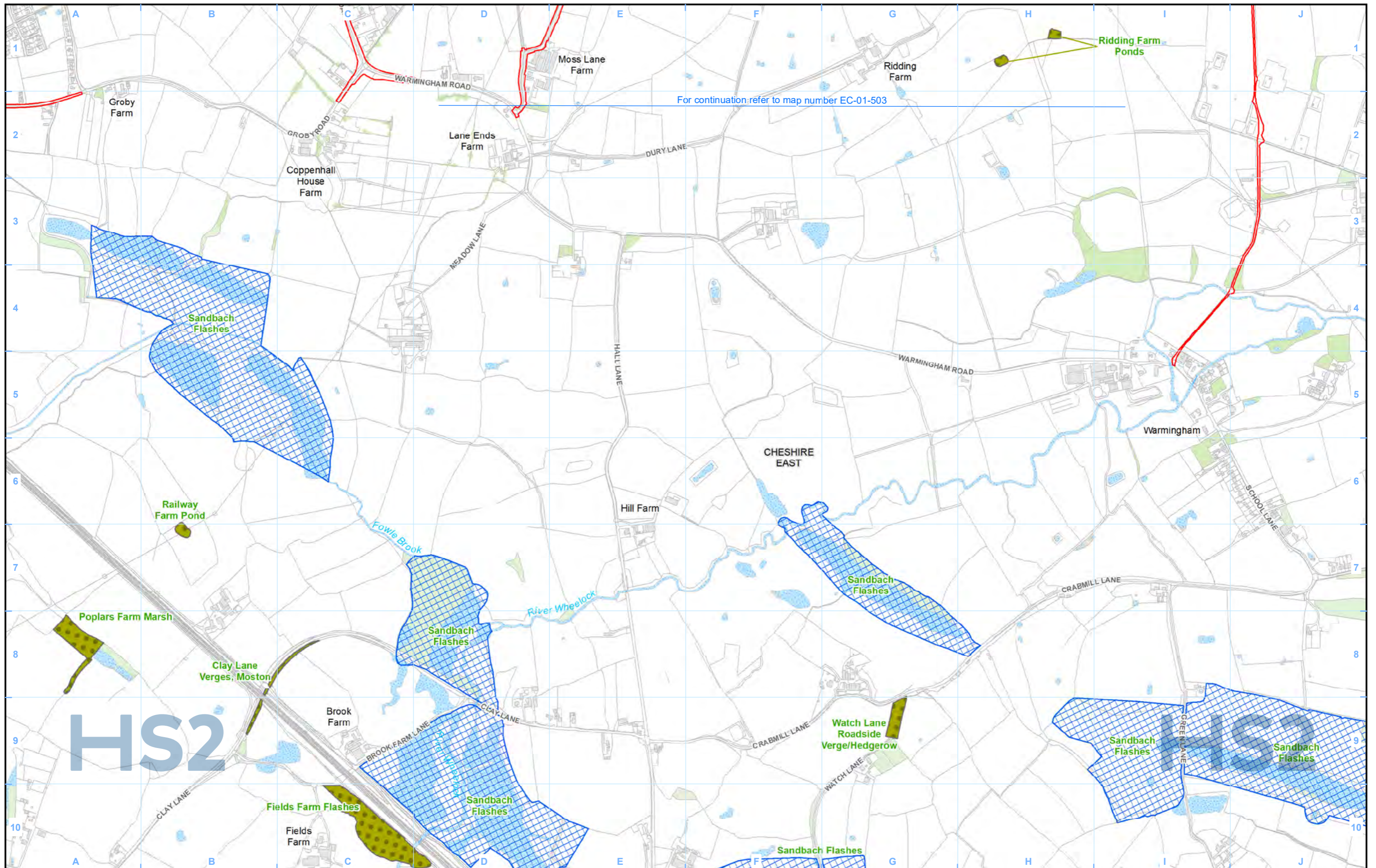
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**Legend**

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community area boundary
- County boundary
- District/Borough boundary

- Watercourse
- Water body
- Woodland (verified by survey)
- Site of Special Scientific Interest (SSSI)
- Special Protection Area (SPA)
- Special Area of Conservation (SAC)
- Local Nature Reserve (LNR)

- Local Wildlife Sites (LWS) / Sites of Biological Importance (SBI)
- National Nature Reserve (NNR)
- Ancient woodland
- Ramsar Site - Wetland of International Importance

N.B. Due to the overlapping nature of some ecological designations and the range of different site designations that occur across the route individual designations may on occasion be obscured. In all cases where an area of land is covered by more than one ecological designation, as a minimum the ecological designation of highest value is visible.

Map Number: EC-01-503-R1

Map Name: Designated Sites SES1 and AP1 ES

Community Area MA01: Hough to Walley's Green

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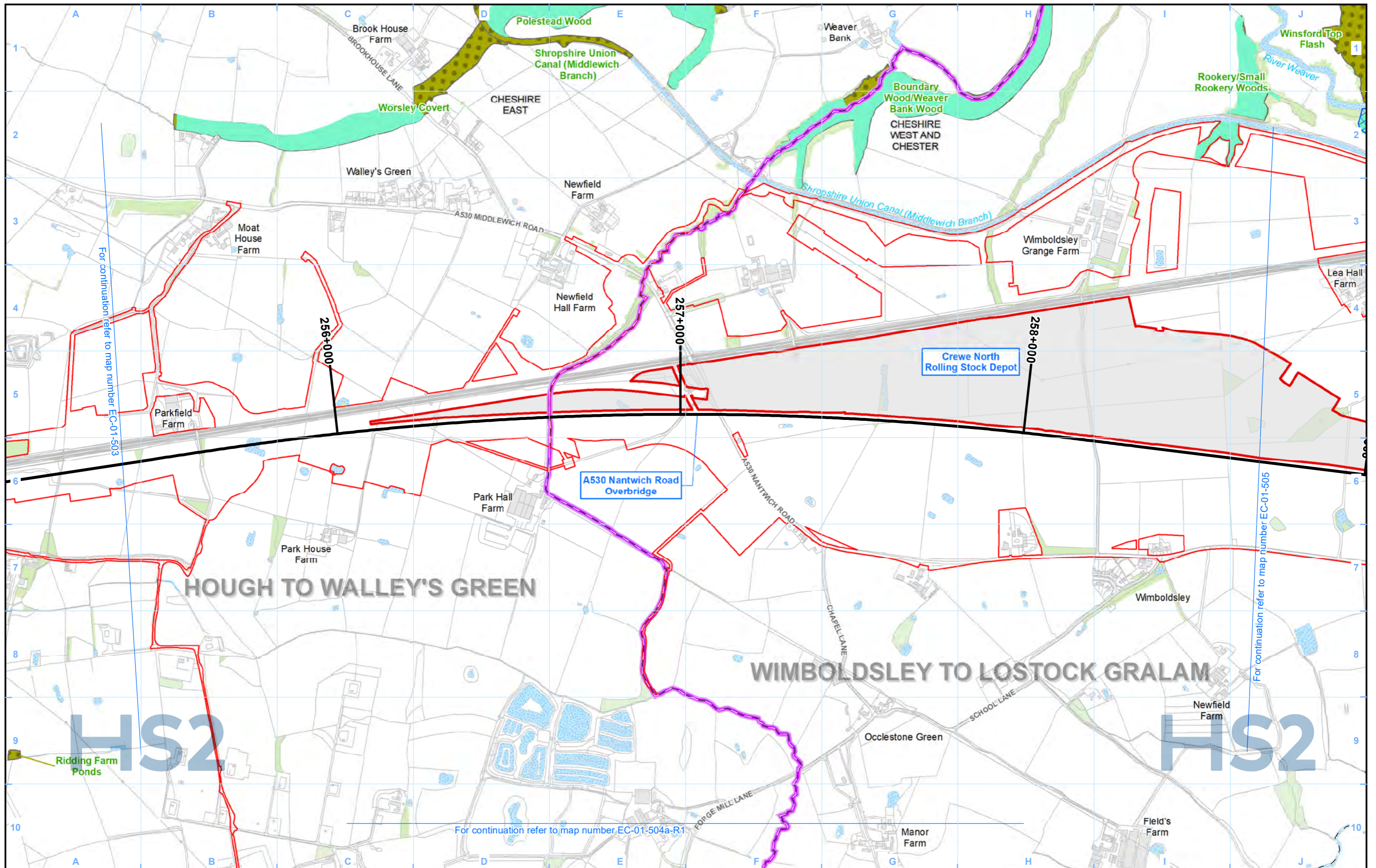
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- Legend**
- Route in tunnel
  - Route on surface
  - Depot, station, headhouse or portal building
  - Land potentially required during construction
  - Community area boundary
  - County boundary
  - District/Borough boundary

- Watercourse
- Water body
- Woodland (verified by survey)
- Site of Special Scientific Interest (SSSI)
- Special Protection Area (SPA)
- Special Area of Conservation (SAC)
- Local Nature Reserve (LNR)

- Local Wildlife Sites (LWS) / Sites of Biological Importance (SBI)
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- Ancient woodland
- Ramsar Site - Wetland of International Importance

N.B. Due to the overlapping nature of some ecological designations and the range of different site designations that occur across the route individual designations may on occasion be obscured. In all cases where an area of land is covered by more than one ecological designation, as a minimum the ecological designation of highest value is visible.

Map Number	EC-01-504a
Map Name	Designated Sites SES1 and AP1 ES
	Community Area MA01: Hough to Walley's Green

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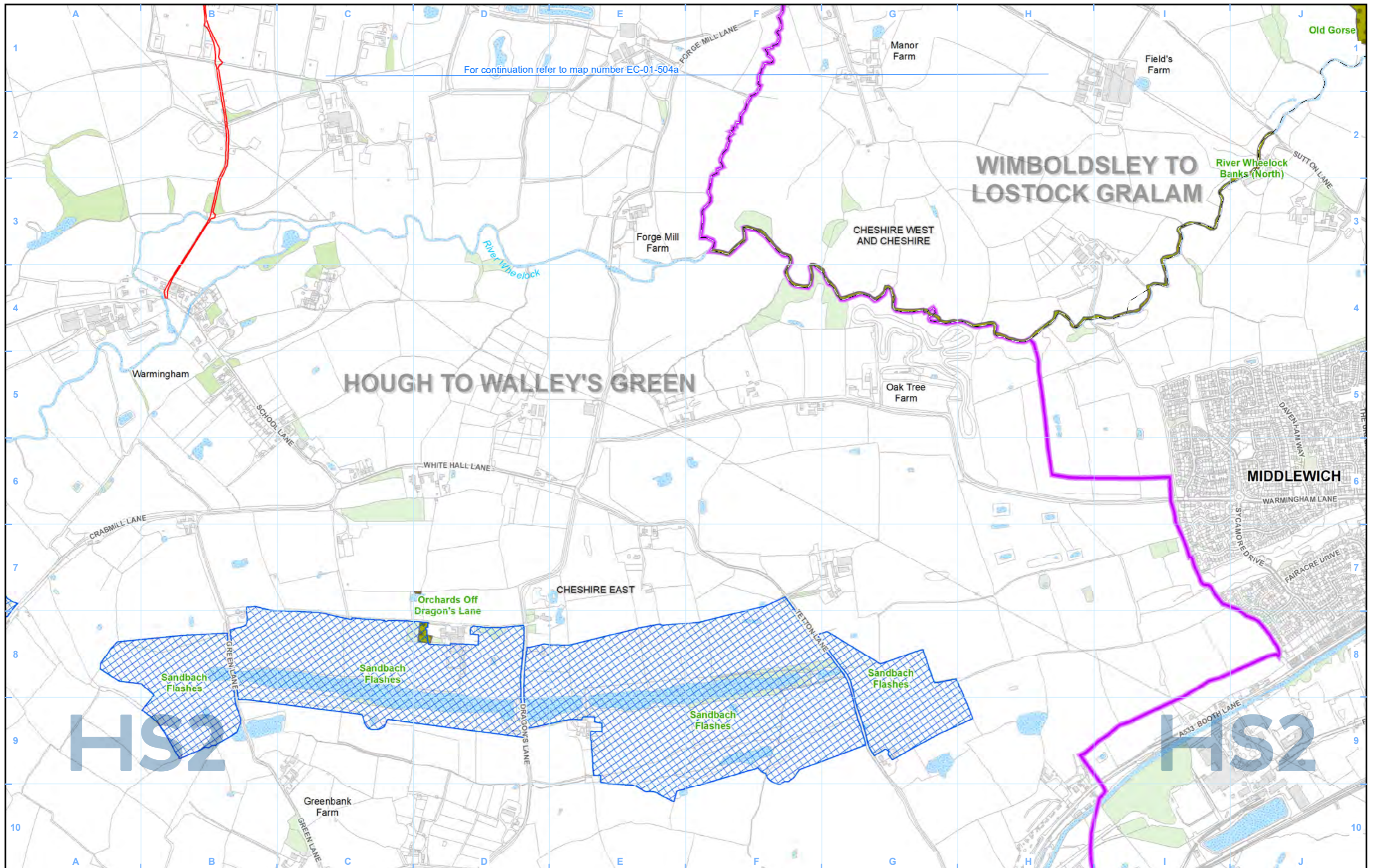
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Date: 22/04/22





<b>Legend</b> Route in tunnel Route on surface Depot, station, headhouse or portal building Land potentially required during construction Community area boundary County boundary District/Borough boundary		Watercourse Water body Woodland (verified by survey) Site of Special Scientific Interest (SSSI) Special Protection Area (SPA) Special Area of Conservation (SAC) Local Nature Reserve (LNR)		Local Wildlife Sites (LWS) / Sites of Biological Importance (SBI) National Nature Reserve (NNR) Ancient woodland Ramsar Site - Wetland of International Importance	
<b>Map Number</b> EC-01-504a-R1		<b>Map Name</b> Designated Sites SES1 and AP1 ES		<b>HS2</b> <small>Registered in England. Registration number 06791686.          Registered office: Two Snowhill, Snow Hill Queensway,          Birmingham B4 6GA.</small>	
<b>Community Area MA01:</b> Hough to Walley's Green		Scale at A3: 1:10,000 			
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N.B. Due to the overlapping nature of some ecological designations and the range of different site designations that occur across the route individual designations may on occasion be obscured. In all cases where an area of land is covered by more than one ecological designation, as a minimum the ecological designation of highest value is visible.

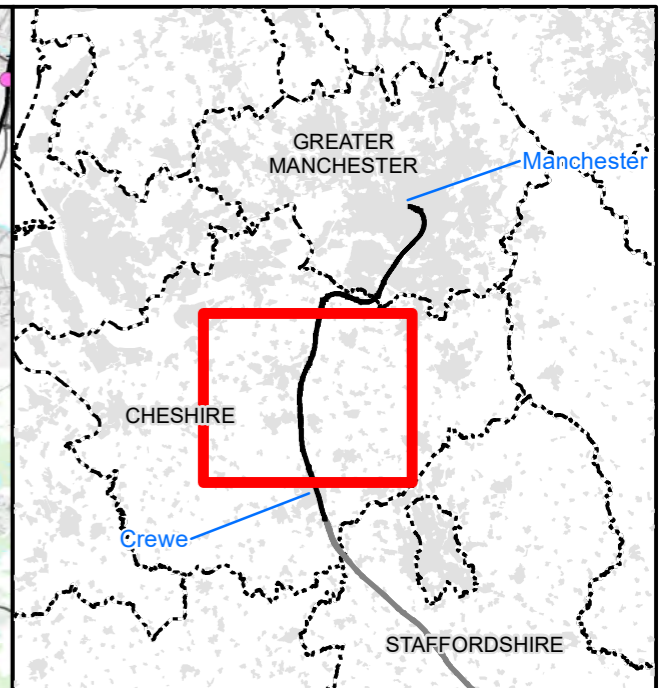
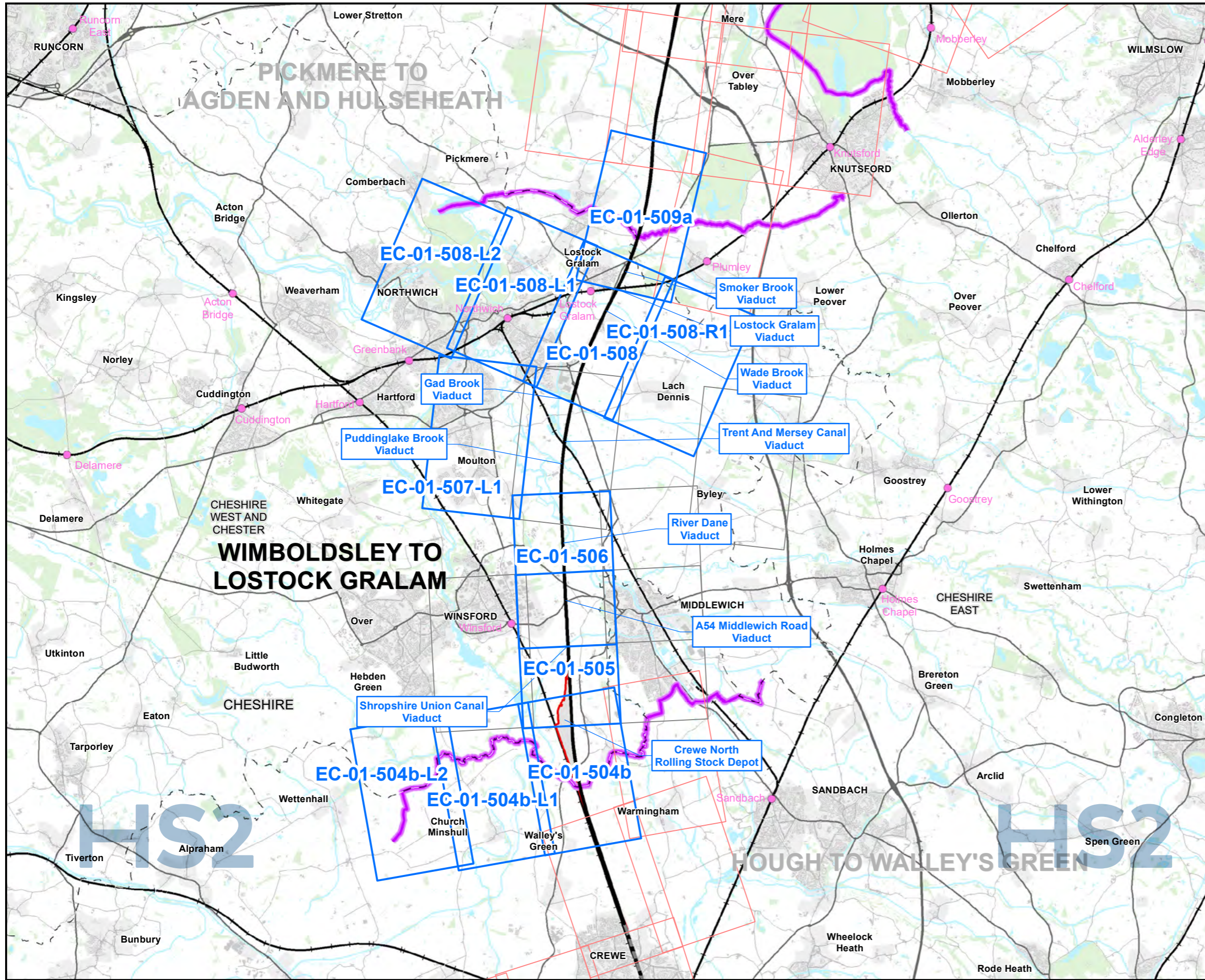


## **High Speed Rail (Crewe – Manchester)**

### **Supplementary Environmental Statement 1 and Additional Provision 1 Environmental Statement**

MA02: Wimboldsley to Lostock Gralam  
EC-01 – Designated sites





**Map Series Information:**

This map series shows statutory and non-statutory sites for nature conservation located in the vicinity of the land required for the construction of the Proposed Scheme. They also show the location of Nature Reserves of the RSPB and Wildlife Trusts, and ancient woodland.

Main Map Legend	
	Route in tunnel
	Route on surface
	Depot, station, headhouse or portal building
	Community area boundary
	Existing railway station
	County boundary
	District/Borough boundary
	Map sheets included in this community area
	Map sheets included in this community area with no amendment
	Map sheets not included in this community area

Map Number	EC-01-INDEX-MA02
Map Name	Index Map of: Designated Sites SES1 and AP1 ES Community Area MA02: Wimboldsley to Lostock Gralam

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Scale at A3: 1:100,000

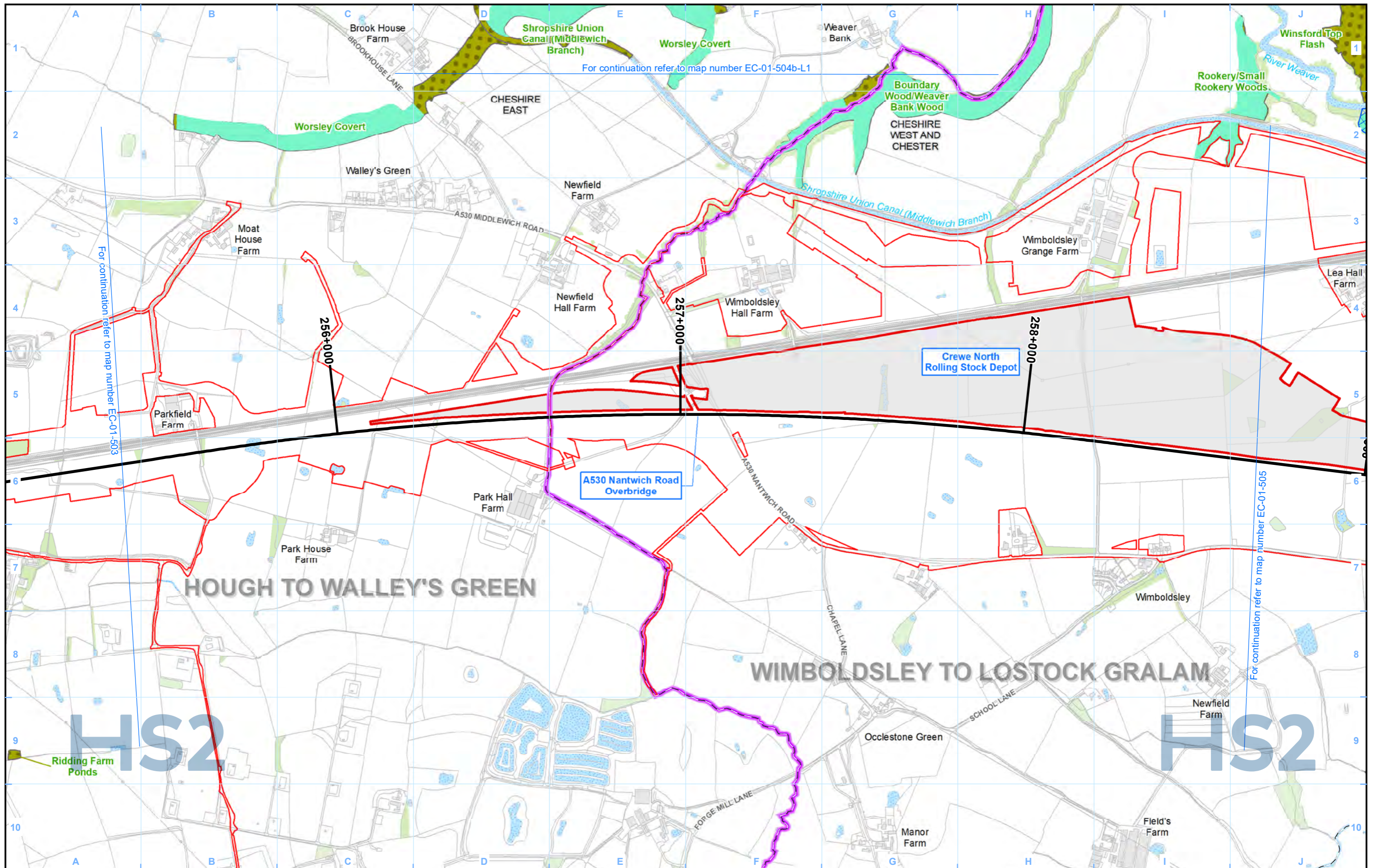
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Doc Number: 2PT24-MWJ-EV-MAP-M000-000760-P01

Date: 22/04/22

Note: Not all data layers in the legend are represented on every map.





**Legend**

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community area boundary
- County boundary
- District/Borough boundary

- Watercourse
- Water body
- Woodland (verified by survey)
- Site of Special Scientific Interest (SSSI)
- Special Protection Area (SPA)
- Special Area of Conservation (SAC)
- Local Nature Reserve (LNR)

- Local Wildlife Sites (LWS) / Sites of Biological Importance (SBI)
- National Nature Reserve (NNR)
- Ancient woodland
- Ramsar Site - Wetland of International Importance

N.B. Due to the overlapping nature of some ecological designations and the range of different site designations that occur across the route individual designations may on occasion be obscured. In all cases where an area of land is covered by more than one ecological designation, as a minimum the ecological designation of highest value is visible.

Map Number: EC-01-504b

Map Name: Designated Sites SES1 and AP1 ES

Community Area MA02: Wimboldsley to Lostock Gralam

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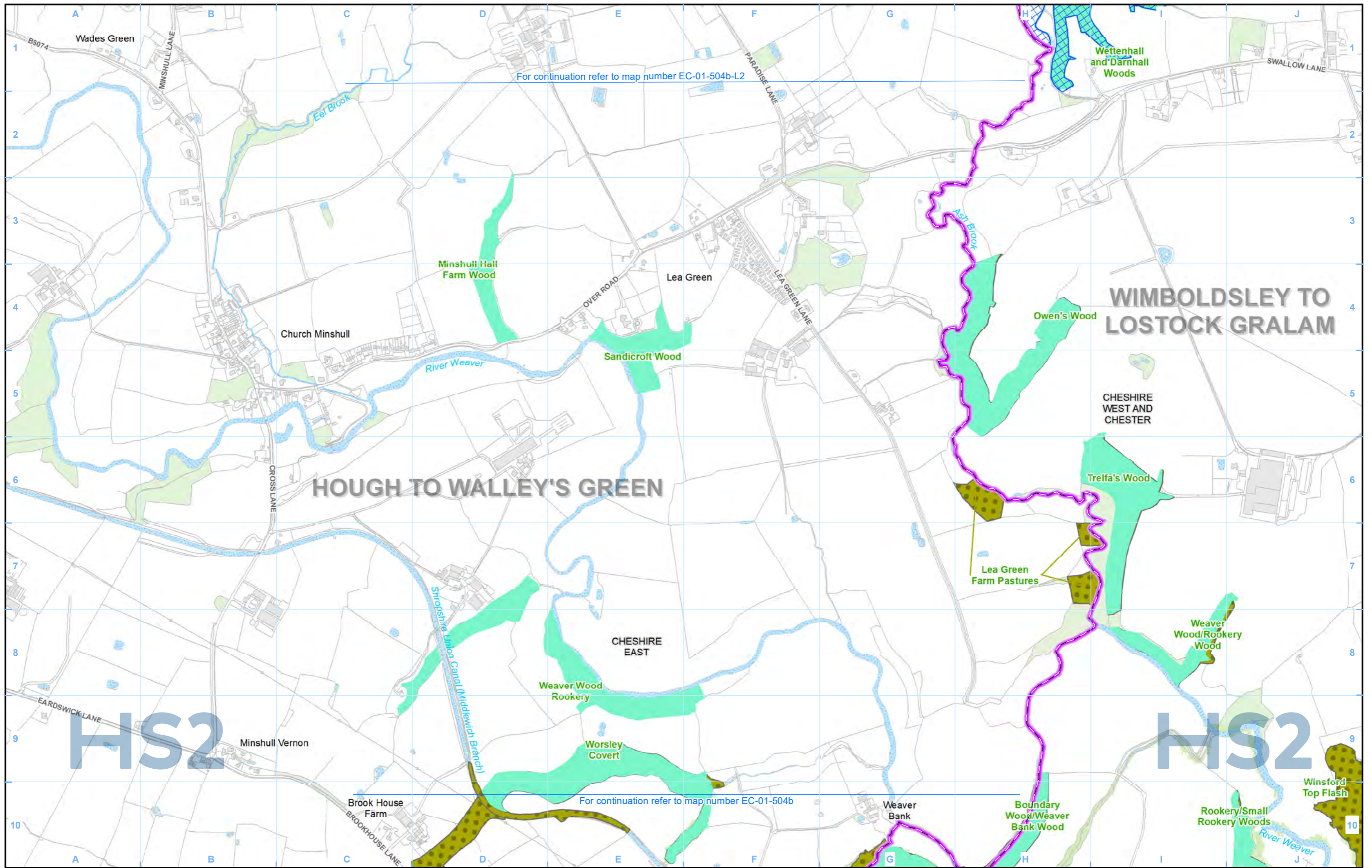
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Date: 22/04/22

Scale at A3: 1:10,000

Metres





For continuation refer to map number EC-01-504b-L2

For continuation refer to map number EC-01-504b

**Legend**


N.B. Due to the overlapping nature of some ecological designations and the range of different site designations that occur across the route individual designations may on occasion be obscured. In all cases where an area of land is covered by more than one ecological designation, as a minimum the ecological designation of highest value is visible.

Map Number	EC-01-504b-L1
Map Name	Designated Sites SES1 and AP1 ES
	Community Area MA02: Wimboldsley to Lostock Gralam

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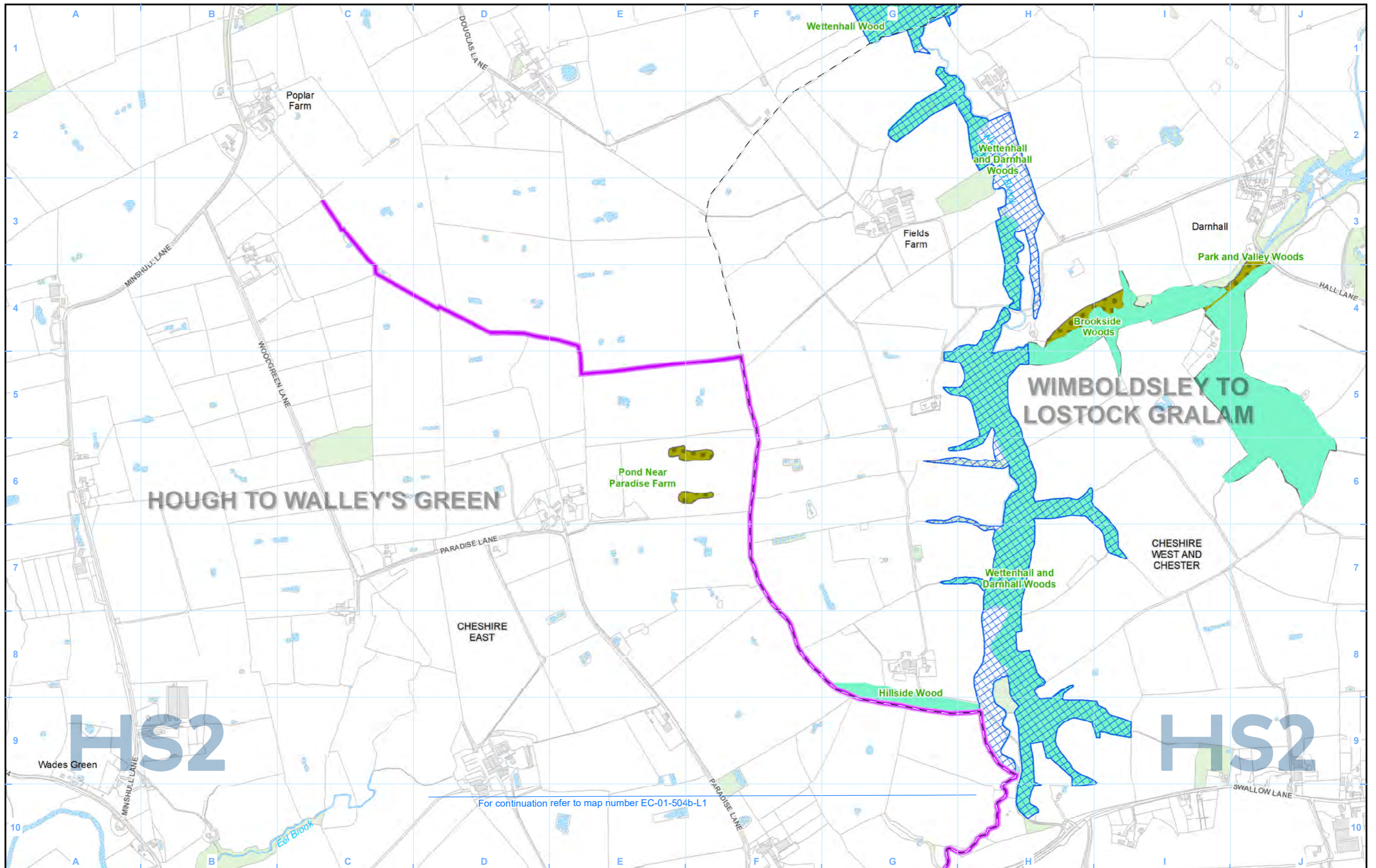
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Scale at A3: 1:10,000

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Metres

Doc Number: 2PT24-MWJ-EV-MAP-M000-002598-P01 Date: 22/04/22





**Legend**


N.B. Due to the overlapping nature of some ecological designations and the range of different site designations that occur across the route individual designations may on occasion be obscured. In all cases where an area of land is covered by more than one ecological designation, as a minimum the ecological designation of highest value is visible.

Map Number	EC-01-504b-L2
Map Name	Designated Sites SES1 and AP1 ES
	Community Area MA02: Wimboldsley to Lostock Gralam

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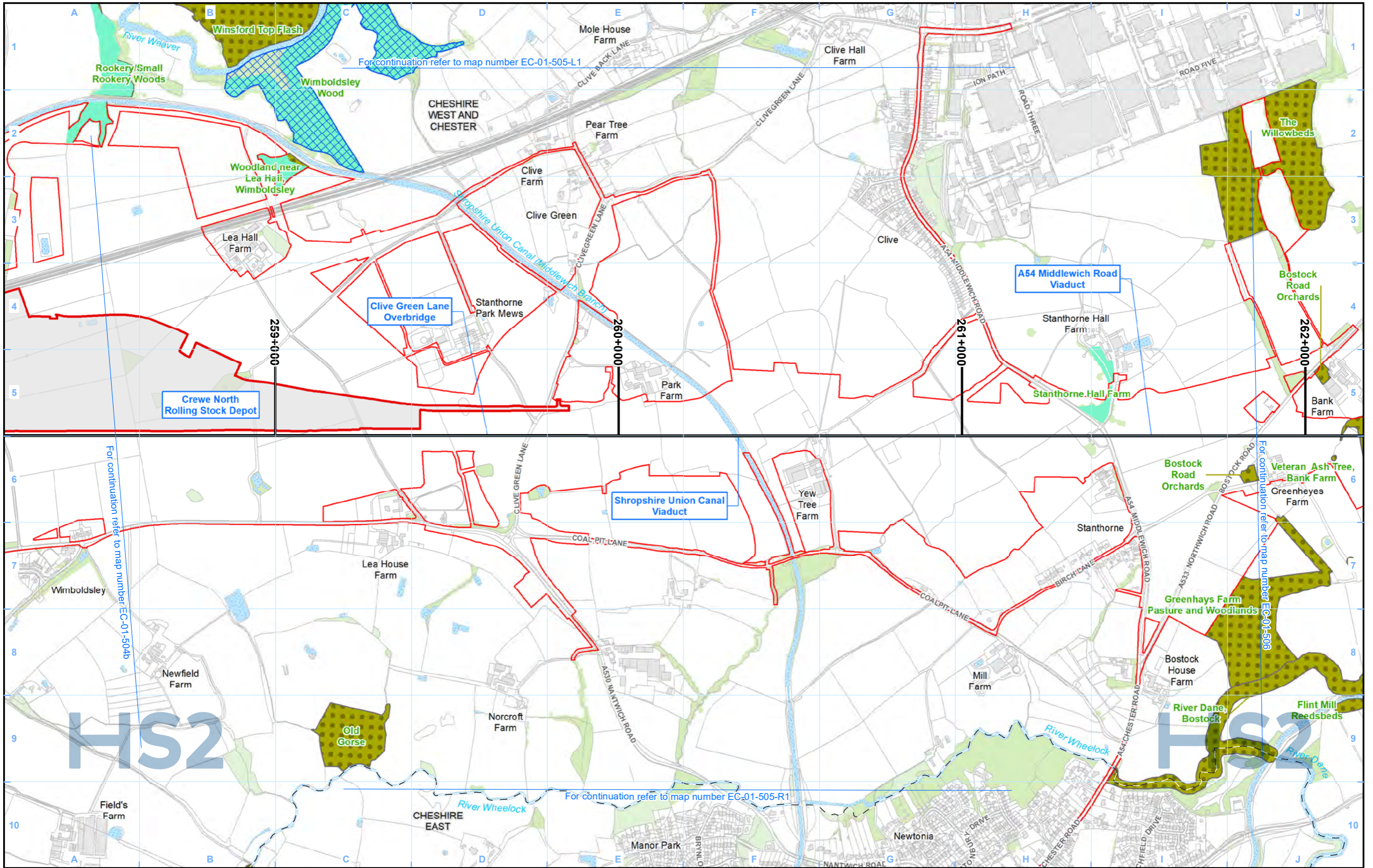
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Doc Number: 2PT24-MWJ-EV-MAP-M000-002599-P01

Date: 22/04/22





- Legend**
- Route in tunnel
  - Route on surface
  - Depot, station, headhouse or portal building
  - Land potentially required during construction
  - Community area boundary
  - County boundary
  - District/Borough boundary
  - Watercourse
  - Water body
  - Woodland (verified by survey)
  - Site of Special Scientific Interest (SSSI)
  - Special Protection Area (SPA)
  - Special Area of Conservation (SAC)
  - Local Nature Reserve (LNR)
  - Local Wildlife Sites (LWS) / Sites of Biological Importance (SBI)
  - National Nature Reserve (NNR)
  - Ancient woodland
  - Ramsar Site - Wetland of International Importance

- Local Wildlife Sites (LWS) / Sites of Biological Importance (SBI)
- National Nature Reserve (NNR)
- Ancient woodland
- Ramsar Site - Wetland of International Importance

N.B. Due to the overlapping nature of some ecological designations and the range of different site designations that occur across the route individual designations may on occasion be obscured. In all cases where an area of land is covered by more than one ecological designation, as a minimum the ecological designation of highest value is visible.

Map Number  
**EC-01-505**

Map Name  
**Designated Sites  
SES1 and AP1 ES**

Community Area MA02:  
Wimboldsley to Lostock Gralam

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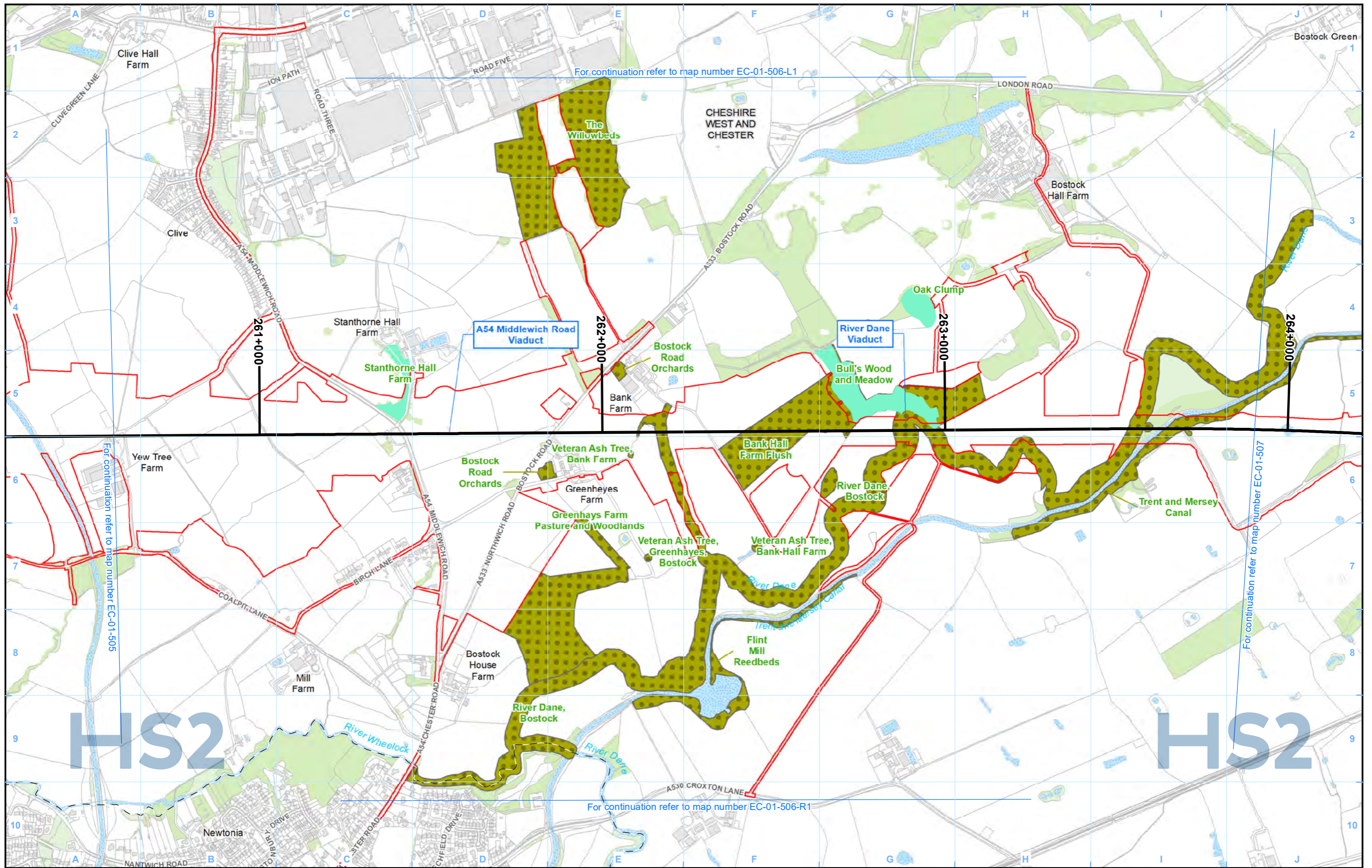
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Date: 22/04/22

Scale at A3: 1:10,000

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For continuation refer to map number EC-01-506-L1

For continuation refer to map number EC-01-505

For continuation refer to map number EC-01-507

For continuation refer to map number EC-01-506-R1

Legend	
	Route in tunnel
	Route on surface
	Depot, station, headhouse or portal building
	Land potentially required during construction
	Community area boundary
	County boundary
	District/Borough boundary
	Watercourse
	Water body
	Woodland (verified by survey)
	Site of Special Scientific Interest (SSSI)
	Special Protection Area (SPA)
	Special Area of Conservation (SAC)
	Local Nature Reserve (LNR)
	Local Wildlife Sites (LWS) / Sites of Biological Importance (SBI)
	National Nature Reserve (NNR)
	Ancient woodland
	Ramsar Site - Wetland of International Importance

N.B. Due to the overlapping nature of some ecological designations and the range of different site designations that occur across the route individual designations may on occasion be obscured. In all cases where an area of land is covered by more than one ecological designation, as a minimum the ecological designation of highest value is visible.

Map Number	EC-01-506
Map Name	Designated Sites SES1 and AP1 ES
	Community Area MA02: Wimboldsley to Lostock Gralam

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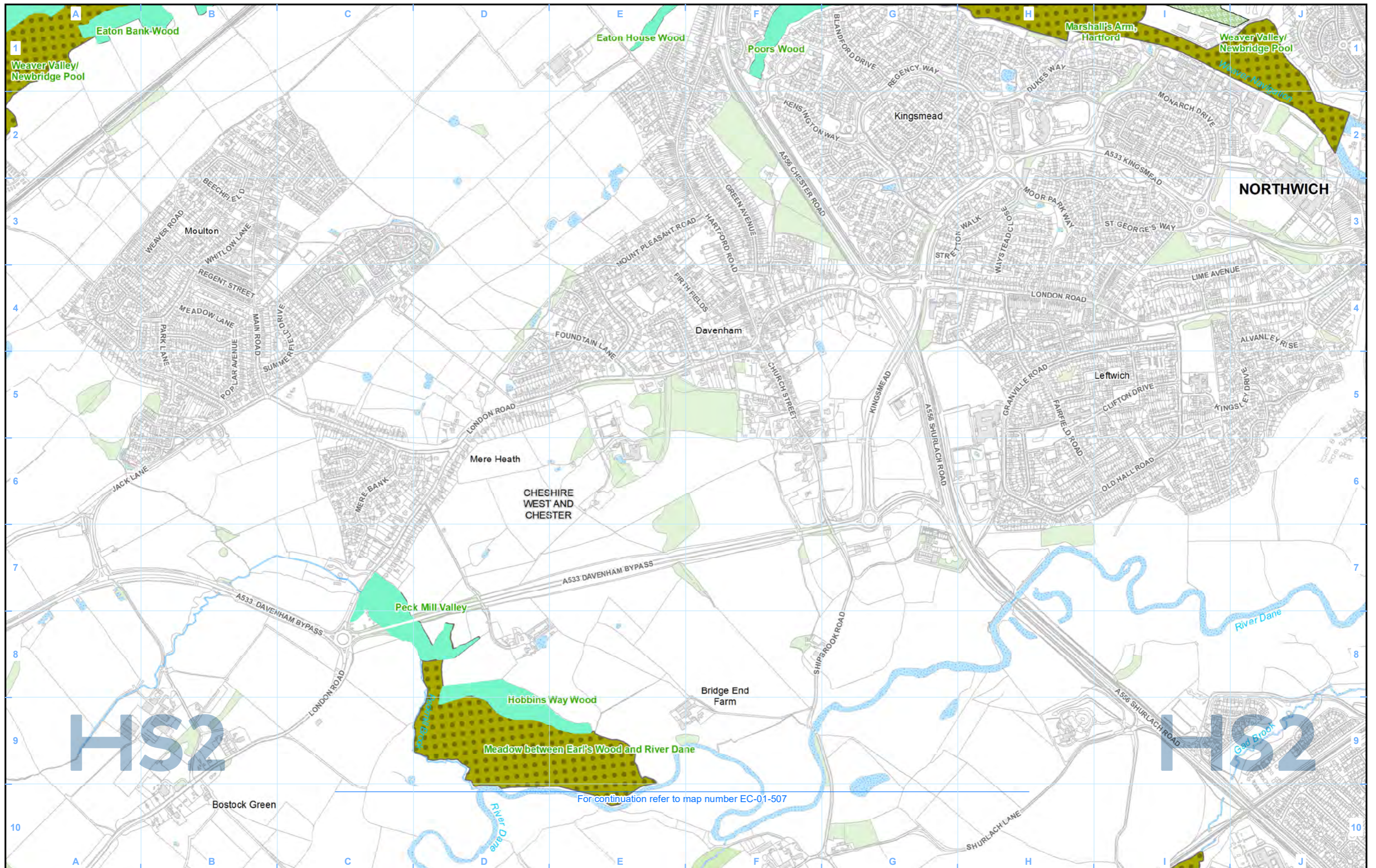
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Scale at A3: 1:10,000

Metres

Date: 22/04/22





HS2

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For continuation refer to map number EC-01-507

Legend	
	Route in tunnel
	Route on surface
	Depot, station, headhouse or portal building
	Land potentially required during construction
	Community area boundary
	County boundary
	District/Borough boundary
	Watercourse
	Water body
	Woodland (verified by survey)
	Site of Special Scientific Interest (SSSI)
	Special Protection Area (SPA)
	Special Area of Conservation (SAC)
	Local Nature Reserve (LNR)
	Local Wildlife Sites (LWS) / Sites of Biological Importance (SBI)
	National Nature Reserve (NNR)
	Ancient woodland
	Ramsar Site - Wetland of International Importance

N.B. Due to the overlapping nature of some ecological designations and the range of different site designations that occur across the route individual designations may on occasion be obscured. In all cases where an area of land is covered by more than one ecological designation, as a minimum the ecological designation of highest value is visible.

Map Number	EC-01-507-L1
Map Name	Designated Sites SES1 and AP1 ES
	Community Area MA02: Wimboldsley to Lostock Gralam

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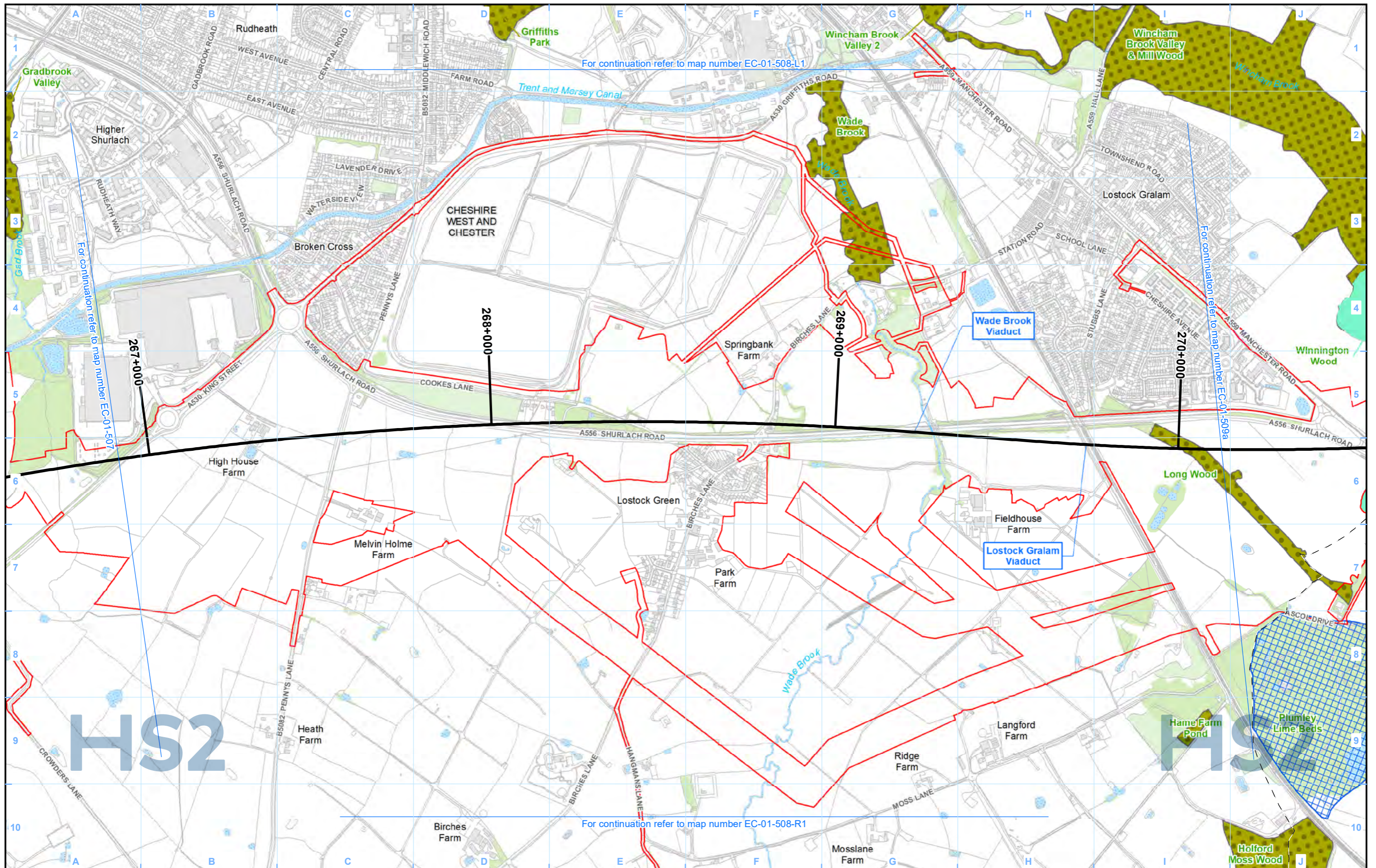
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Legend	
	Route in tunnel
	Route on surface
	Depot, station, headhouse or portal building
	Land potentially required during construction
	Community area boundary
	County boundary
	District/Borough boundary
	Watercourse
	Water body
	Woodland (verified by survey)
	Site of Special Scientific Interest (SSSI)
	Special Protection Area (SPA)
	Special Area of Conservation (SAC)
	Local Nature Reserve (LNR)
	Local Wildlife Sites (LWS) / Sites of Biological Importance (SBI)
	National Nature Reserve (NNR)
	Ancient woodland
	Ramsar Site - Wetland of International Importance

N.B. Due to the overlapping nature of some ecological designations and the range of different site designations that occur across the route individual designations may on occasion be obscured. In all cases where an area of land is covered by more than one ecological designation, as a minimum the ecological designation of highest value is visible.

Map Number	EC-01-508
Map Name	Designated Sites SES1 and AP1 ES
	Community Area MA02: Wimboldsley to Lostock Gralam

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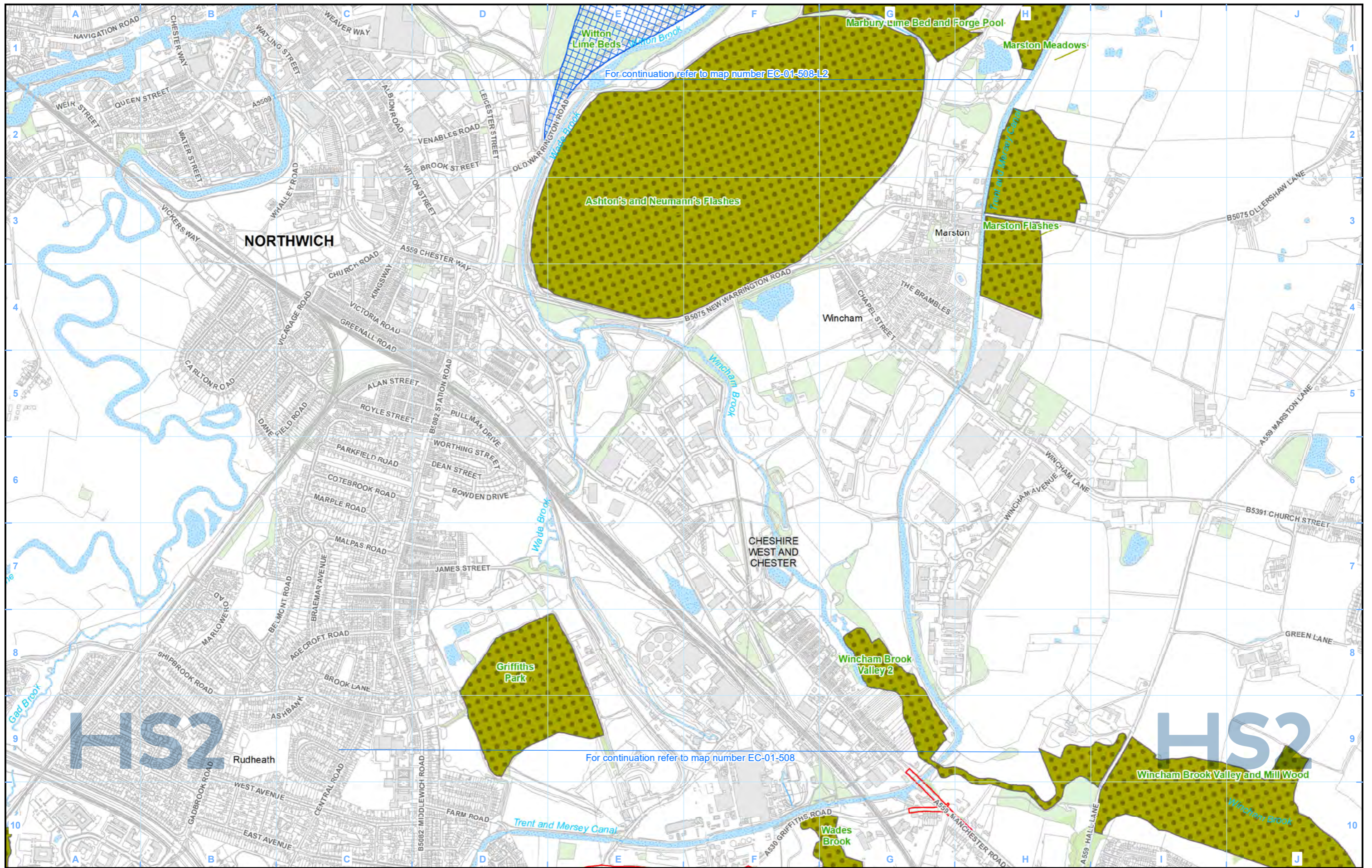
Doc Number: 2PT24-MWJ-EV-MAP-M000-000732-P01

Scale at A3: 1:10,000

Metres

Date: 22/04/22





**Legend**


N.B. Due to the overlapping nature of some ecological designations and the range of different site designations that occur across the route individual designations may on occasion be obscured. In all cases where an area of land is covered by more than one ecological designation, as a minimum the ecological designation of highest value is visible.

Map Number	EC-01-508-L1
Map Name	Designated Sites SES1 and AP1 ES
	Community Area MA02: Wimboldsley to Lostock Gralam

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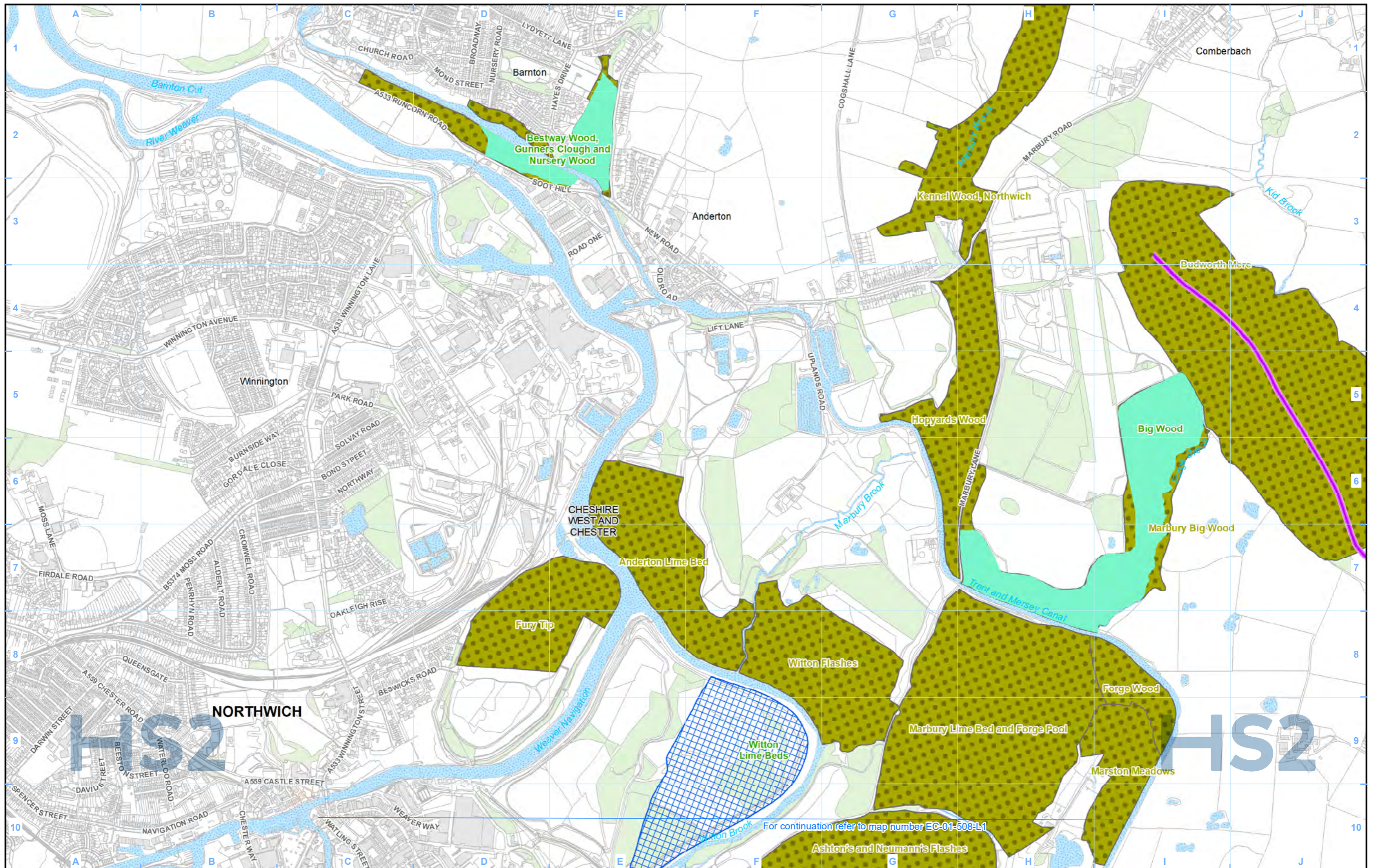
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Doc Number: 2PT24-MWJ-EV-MAP-M000-002921-P01

Date: 22/04/22





**Legend**

Route in tunnel	Watercourse	Local Wildlife Sites (LWS) / Sites of Biological Importance (SBI)
Route on surface	Water body	National Nature Reserve (NNR)
Depot, station, headhouse or portal building	Woodland (verified by survey)	Ancient woodland
Land potentially required during construction	Site of Special Scientific Interest (SSSI)	Ramsar Site - Wetland of International Importance
Community area boundary	Special Protection Area (SPA)	Special Area of Conservation (SAC)
County boundary	Local Nature Reserve (LNR)	
District/Borough boundary		

N.B. Due to the overlapping nature of some ecological designations and the range of different site designations that occur across the route individual designations may on occasion be obscured. In all cases where an area of land is covered by more than one ecological designation, as a minimum the ecological designation of highest value is visible.

Map Number	EC-01-508-L2
Map Name	Designated Sites SES1 and AP1 ES
	Community Area MA02: Wimboldsley to Lostock Gralam

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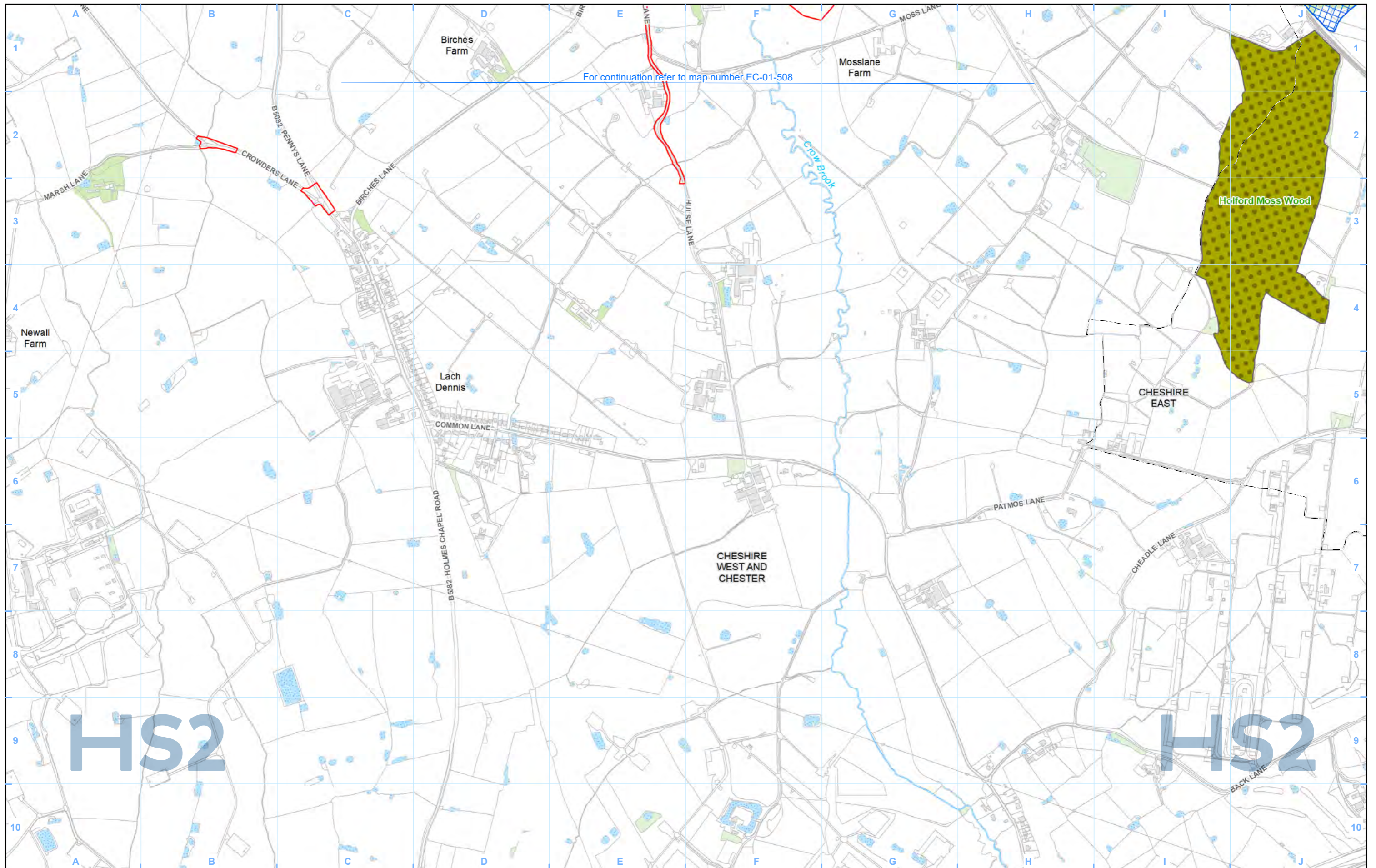
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Doc Number: 2PT24-MWJ-EV-MAP-M000-002922-P01

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For continuation refer to map number EC-01-508

HS2

HS2

**Legend**

	Route in tunnel		Watercourse		Local Wildlife Sites (LWS) / Sites of Biological Importance (SBI)
	Route on surface		Water body		National Nature Reserve (NNR)
	Depot, station, headhouse or portal building		Woodland (verified by survey)		Ancient woodland
	Land potentially required during construction		Site of Special Scientific Interest (SSSI)		Ramsar Site - Wetland of International Importance
	Community area boundary		Special Protection Area (SPA)		Special Area of Conservation (SAC)
	County boundary		Local Nature Reserve (LNR)		
	District/Borough boundary				

N.B. Due to the overlapping nature of some ecological designations and the range of different site designations that occur across the route individual designations may on occasion be obscured. In all cases where an area of land is covered by more than one ecological designation, as a minimum the ecological designation of highest value is visible.

Map Number	EC-01-508-R1
Map Name	Designated Sites SES1 and AP1 ES
	Community Area MA02: Wimboldsley to Lostock Gralam

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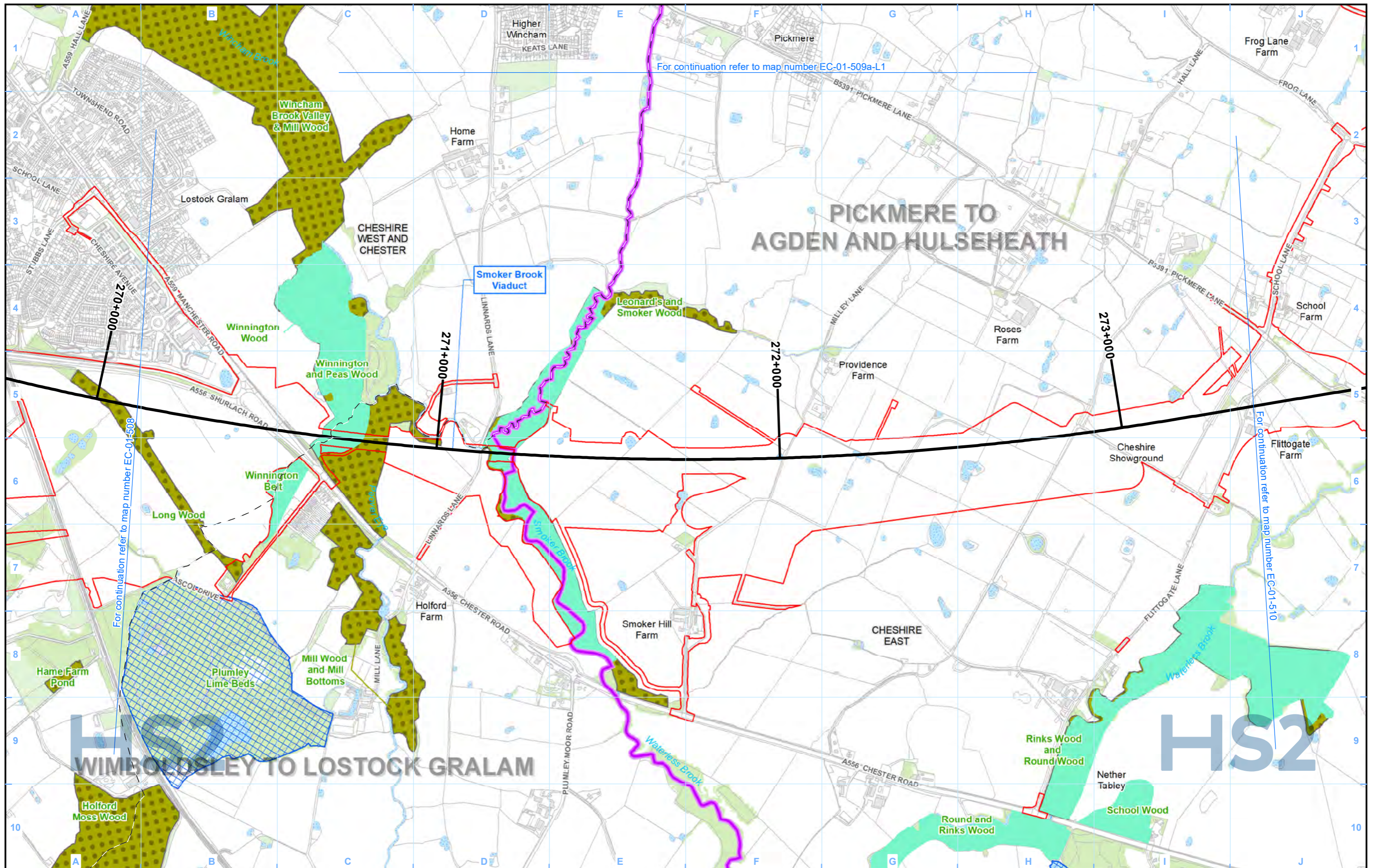
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**Legend**


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Map Number	EC-01-509a
Map Name	Designated Sites SES1 and AP1 ES
	Community Area MA02: Wimboldsley to Lostock Gralam

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Doc Number: 2PT24-MWJ-EV-MAP-M000-000733-P01

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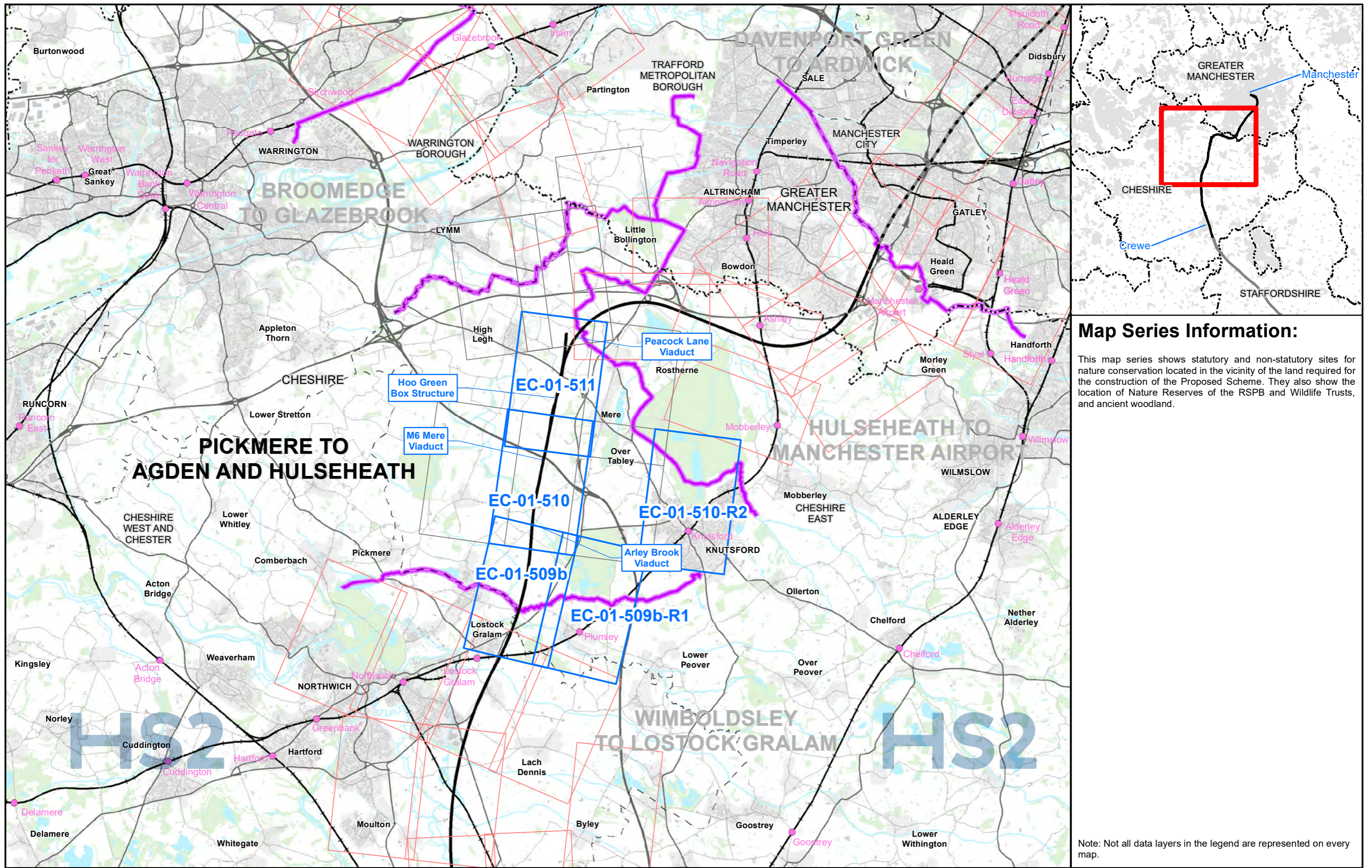


## **High Speed Rail (Crewe – Manchester)**

### **Supplementary Environmental Statement 1 and Additional Provision 1 Environmental Statement**

MA03: Pickmere to Agden and Hulseheath  
EC-01 – Designated sites





**Map Series Information:**

This map series shows statutory and non-statutory sites for nature conservation located in the vicinity of the land required for the construction of the Proposed Scheme. They also show the location of Nature Reserves of the RSPB and Wildlife Trusts, and ancient woodland.

Note: Not all data layers in the legend are represented on every map.

- Main Map Legend**
- Route in tunnel
  - Route on surface
  - Depot, station, headhouse or portal building
  - Community area boundary
  - Existing railway station
  - County boundary
  - District/Borough boundary
  - Map sheets included in this community area
  - Map sheets included in this community area with no amendment
  - Map sheets not included in this community area

Map Number: EC-01-INDEX-MA03

Map Name: Index Map of:  
Designated Sites  
SES1 and AP1 ES  
Community Area MA03:  
Pickmere to Agden and Hulseheath

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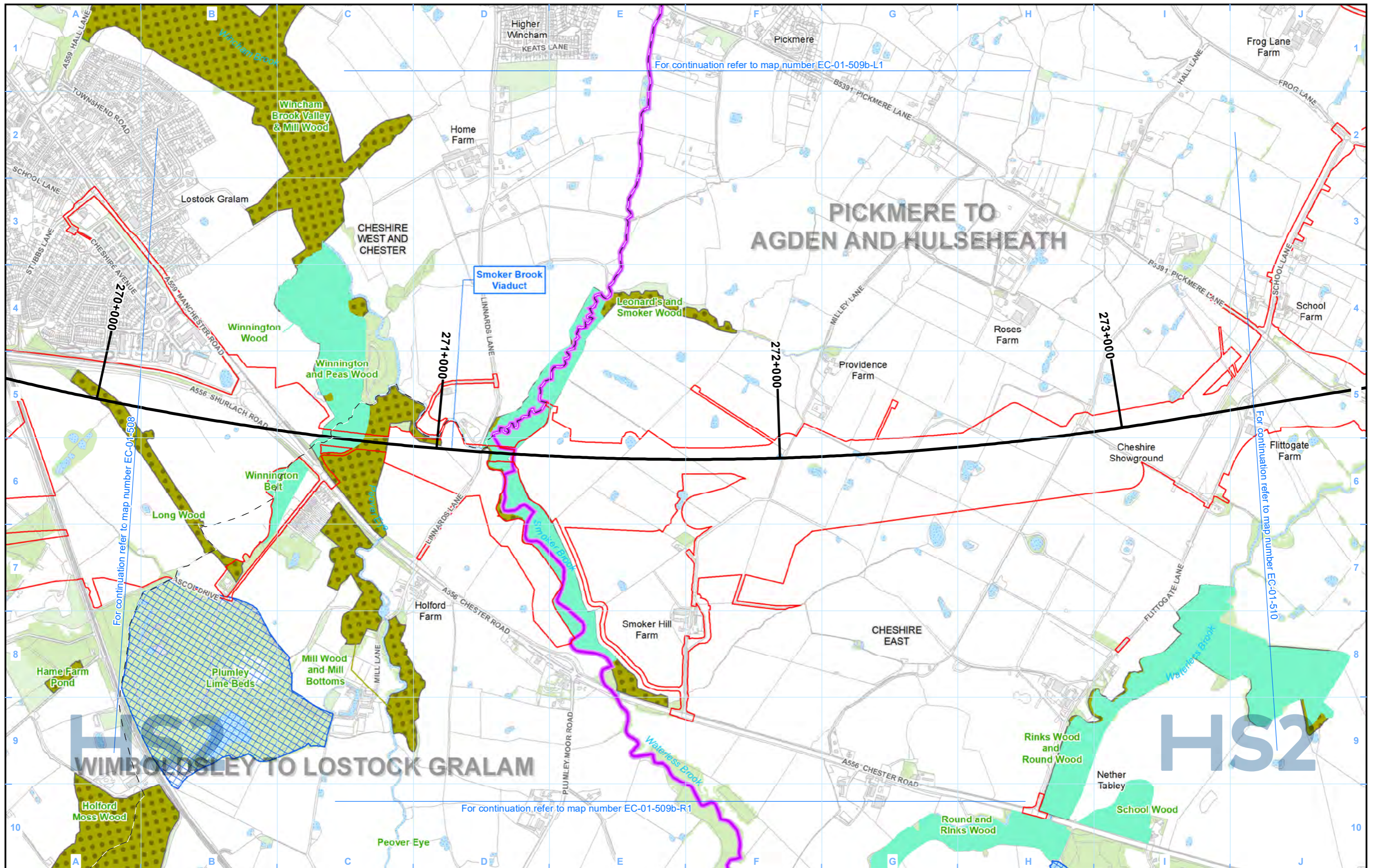
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**Legend**

Route in tunnel	Watercourse	Local Wildlife Sites (LWS) / Sites of Biological Importance (SBI)
Route on surface	Water body	National Nature Reserve (NNR)
Depot, station, headhouse or portal building	Woodland (verified by survey)	Ancient woodland
Land potentially required during construction	Site of Special Scientific Interest (SSSI)	Ramsar Site - Wetland of International Importance
Community area boundary	Special Protection Area (SPA)	Special Area of Conservation (SAC)
County boundary	Local Nature Reserve (LNR)	
District/Borough boundary		

N.B. Due to the overlapping nature of some ecological designations and the range of different site designations that occur across the route individual designations may on occasion be obscured. In all cases where an area of land is covered by more than one ecological designation, as a minimum the ecological designation of highest value is visible.

Map Number	EC-01-509b
Map Name	Designated Sites SES1 and AP1 ES
	Community Area MA03: Pickmere to Agden and Hulseheath

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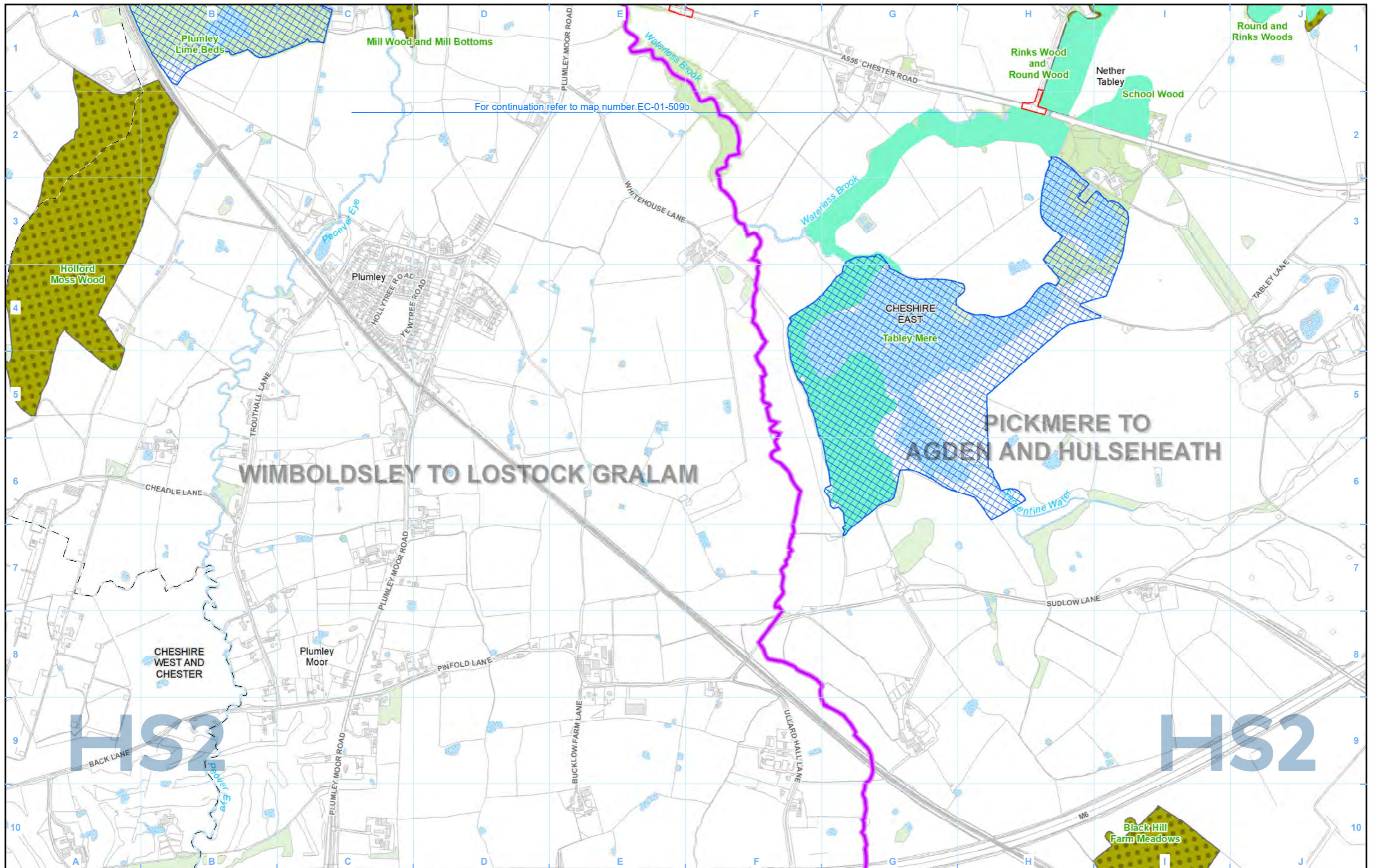
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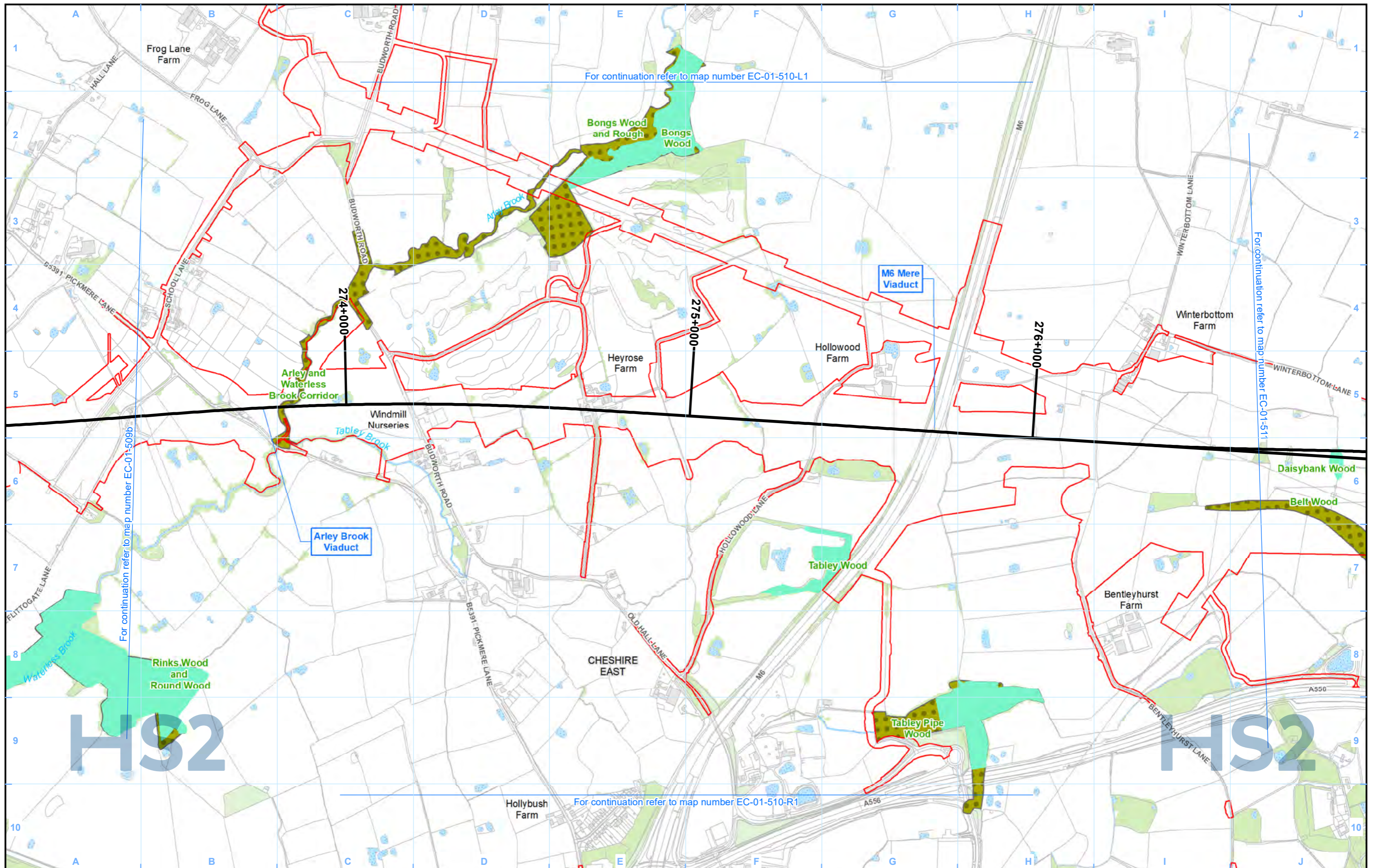
For continuation refer to map number EC-01-509b

# WIMBOLDSLEY TO LOSTOCK GRALAM

# PICKMERE TO AGDEN AND HULSEHEATH

<b>Legend</b> Route in tunnel Route on surface Depot, station, headhouse or portal building Land potentially required during construction Community area boundary County boundary District/Borough boundary		Watercourse Water body Woodland (verified by survey) Site of Special Scientific Interest (SSSI) Special Protection Area (SPA) Special Area of Conservation (SAC) Local Nature Reserve (LNR)		Local Wildlife Sites (LWS) / Sites of Biological Importance (SBI) National Nature Reserve (NNR) Ancient woodland Ramsar Site - Wetland of International Importance		<p>N.B. Due to the overlapping nature of some ecological designations and the range of different site designations that occur across the route individual designations may on occasion be obscured. In all cases where an area of land is covered by more than one ecological designation, as a minimum the ecological designation of highest value is visible.</p>	
<b>Map Number</b> EC-01-509b-R1				<p>Registered in England. Registration number 06791686.          Registered office: Two Snowhill, Snow Hill Queensway, Birmingham B4 6QA.          © Crown copyright and database rights 2021          OS 100049190</p>			
<b>Map Name</b> Designated Sites SES1 and AP1 ES		<p>Scale at A3: 1:10,000</p>					
<b>Community Area MA03:</b> Pickmere to Agden and Hulseheath		<p>Doc Number: 2PT24-MWJ-EV-MAP-M000-002923-P01</p>		<p>Date: 22/04/22</p>			





- Legend**
- Route in tunnel
  - Route on surface
  - Depot, station, headhouse or portal building
  - Land potentially required during construction
  - Community area boundary
  - County boundary
  - District/Borough boundary

- Watercourse
- Water body
- Woodland (verified by survey)
- Site of Special Scientific Interest (SSSI)
- Special Protection Area (SPA)
- Special Area of Conservation (SAC)
- Local Nature Reserve (LNR)

- Local Wildlife Sites (LWS) / Sites of Biological Importance (SBI)
- National Nature Reserve (NNR)
- Ancient woodland
- Ramsar Site - Wetland of International Importance

N.B. Due to the overlapping nature of some ecological designations and the range of different site designations that occur across the route individual designations may on occasion be obscured. In all cases where an area of land is covered by more than one ecological designation, as a minimum the ecological designation of highest value is visible.

Map Number  
**EC-01-510**

Map Name  
**Designated Sites  
SES1 and AP1 ES**

Community Area MA03:  
Pickmere to Agden and Hulseheath

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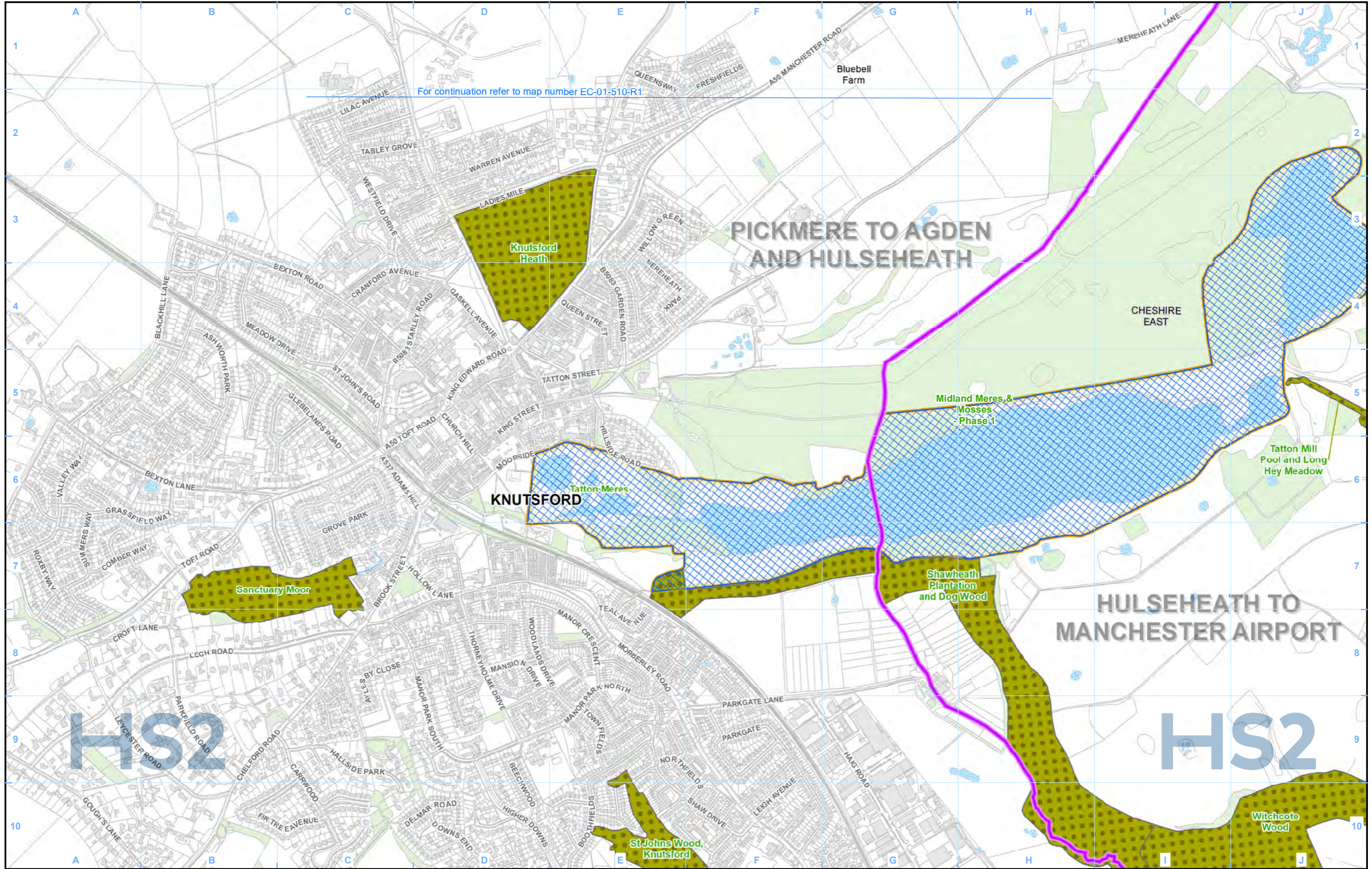
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For continuation refer to map number EC-01-510-R1

# PICKMERE TO AGDEN AND HULSEHEATH

**Legend**


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Map Number	EC-01-510-R2
Map Name	Designated Sites SES1 and AP1 ES
	Community Area MA03: Pickmere to Agden and Hulseheath

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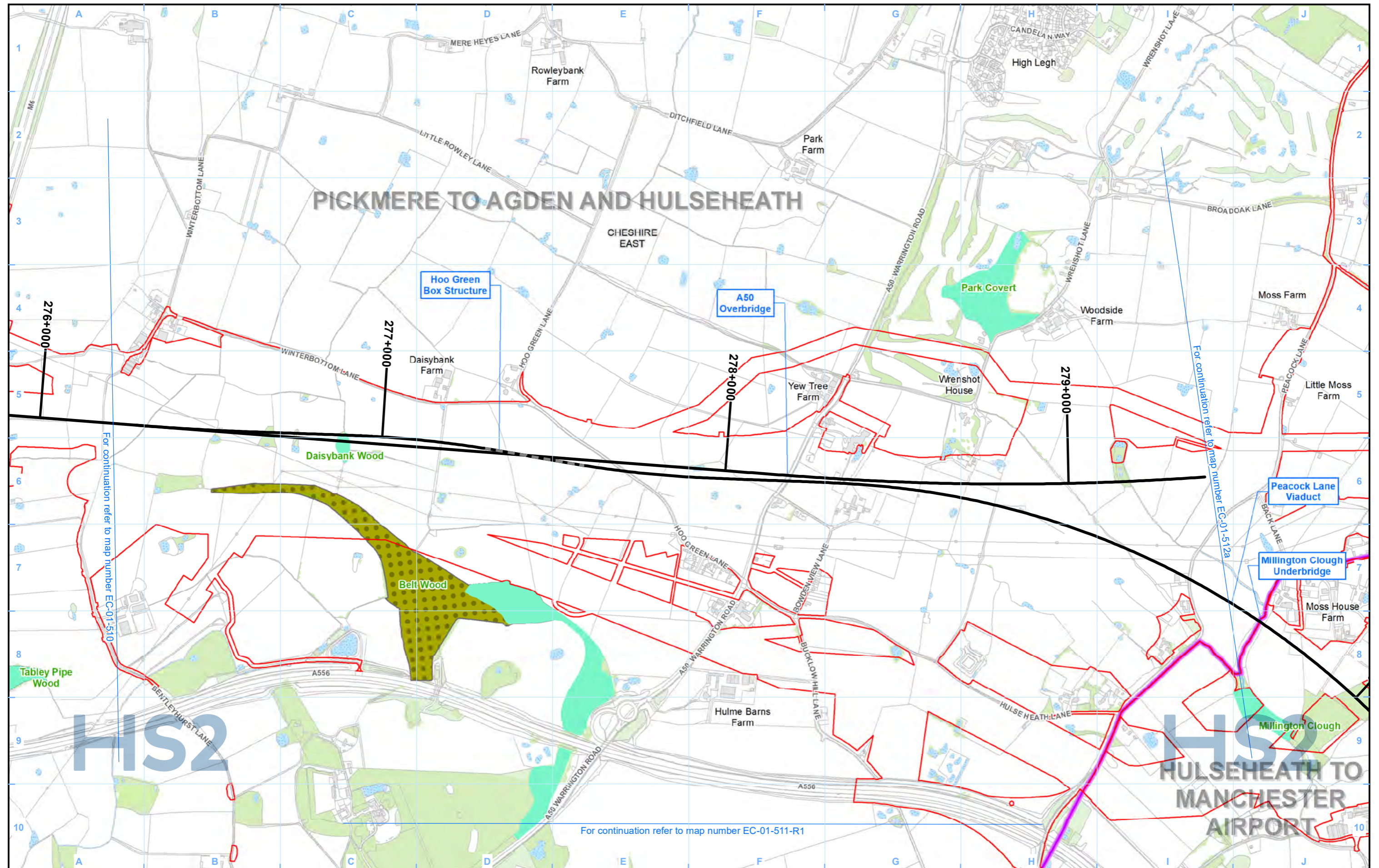
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Date: 22/04/22

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- Legend**
- Route in tunnel
  - Route on surface
  - Depot, station, headhouse or portal building
  - Land potentially required during construction
  - Community area boundary
  - County boundary
  - District/Borough boundary

- Watercourse
- Water body
- Woodland (verified by survey)
- Site of Special Scientific Interest (SSSI)
- Special Protection Area (SPA)
- Special Area of Conservation (SAC)
- Local Nature Reserve (LNR)

- Local Wildlife Sites (LWS) / Sites of Biological Importance (SBI)
- National Nature Reserve (NNR)
- Ancient woodland
- Ramsar Site - Wetland of International Importance

N.B. Due to the overlapping nature of some ecological designations and the range of different site designations that occur across the route individual designations may on occasion be obscured. In all cases where an area of land is covered by more than one ecological designation, as a minimum the ecological designation of highest value is visible.

Map Number	EC-01-511
Map Name	Designated Sites SES1 and AP1 ES
	Community Area MA03: Pickmere to Agden and Hulseheath

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