

High Speed Rail (West Midlands - Crewe) Supplementary Environmental Statement and Additional Provision Environmental Statement

Volume 2: Map book

CA5: South Cheshire

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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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A report prepared for High Speed Two (HS2) Limited:

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Contents

Mapping explanatory notes

Data dictionary and definitions

Map series name	Map series description
CT-05 – Construction Phase	These plans show the land potentially required during construction, the construction features, access requirements and infrastructure associated with construction of the Proposed Scheme. The plans also show the construction phase arrangements for public access using Public Rights of Way. The base mapping shown on the plans is reflective of 2017 Ordnance Survey (OS) data.
CT-06 – Proposed Scheme	These maps show permanent features, infrastructure, restored land, and areas for landscaping, screening and ecological mitigation associated with the Proposed Scheme. The base mapping shown on the plans is reflective of 2017 Ordnance Survey (OS) data.

Mapping explanatory notes

Structure of the HS2 Phase 2a Supplementary Environmental Statement and the Additional Provision Environmental Statement

This map book is part of the suite of documents that make up the Supplementary Environmental Statement (SES) and the Additional Provision Environmental Statement (AP ES) for Phase 2a of the proposed High Speed Two (HS2) rail network between the West Midlands and Crewe.

The SES and the AP ES are separate documents. However, they are bound together and presented in a number of volumes as described below:

- Non-technical summary (NTS). This provides a summary in non-technical language of the SES (Part 1) and the AP ES (Part 2). It presents a summary of any likely residual significant environmental effects (i.e. effects that are likely to remain after mitigation measures are put in place), both beneficial and adverse, which are new or different to those reported in the main ES, and where relevant the SES;
- Glossary of terms and list of abbreviations. This contains any new or different terms and abbreviations used throughout the SES and the AP ES, which are not already explained in the main ES;
- Volume 1: Introduction to the SES and the AP ES. This introduces the supplementary environmental information and changes to the design and construction assumptions included within the SES and amendments within the AP ES. The report explains the environmental impact assessment (EIA) process which has been applied;
- Volume 2: Community area reports and map books. These report the supplementary environmental information and changes to the design and construction assumptions included within the SES (Part 1), amendments within the AP ES (Part 2) and any new or different likely significant environmental effects arising from these changes and amendments in each community area. These effects are compared to those reported in the main ES, and where relevant, the SES. The maps relevant to each community area are provided in separate Volume 2 map books and should be read in conjunction with the relevant community area report;
- Volume 3: Route-wide effects. This describes any new or different likely significant environmental effects arising at a route-wide level from the supplementary environmental information and changes to the design and construction assumptions included within the SES (Part 1) and the amendments within the AP ES (Part 2) compared to those reported in the main ES, and where relevant the SES; and
- Volume 5: Appendices and map books. These contain supporting environmental information and associated maps.

A Volume 4: Off-route effects report was produced as part of the main ES. A separate Volume 4 has not been produced as part of the SES and AP ES as off-route effects are very limited in number and are reported in the most relevant Volume 2 community area report.

Certain reports and maps containing background information and data (BID) have been produced, which do not form part of the SES and AP ES. These documents are available on the HS2 website. The BID documents and maps present background survey information and other relevant background material.

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 SES and the AP 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 SES and the AP ES have a chainage value shown next to the alignment. Chainage is presented on the maps in black font, in the form of XX+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 dependant 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 (published July 2017) on the left hand page and the SES and the AP ES map on the right. For the CT-05 and CT-06 map series, the SES and the AP ES map is annotated with different coloured clouds which highlight the areas of change. The coloured text box provides a brief description of the design change and amendment, and gives the SES and the AP ES reference number. Only maps which have been amended as a result of the SES and the AP 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 a cloud. The below table highlights the coloured clouds used, and their description.

Cloud / text box colour	Description
Blue	Design changes relating to the SES (Part 1 of each Volume 2 report).
Red	Proposed amendments relating to the AP ES (Part 2 of each Volume 2 report).

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

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

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 right hand side of the page, and Crewe to the left.

The exception to this, are map series LV-03, LV-04, 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 Crewe to the top.

Map books

In total there are 5 map books which make up the SES and the AP ES, spread across volumes 2 and 5. A list of the titles is provided below for reference.

Name
Volume 2: Map book – CA1: Fradley to Colton
Volume 2: Map book – CA2: Colwich to Yarlet
Volume 2: Map book – CA3: Stone and Swynnerton
Volume 2: Map book – CA5: South Cheshire
Volume 5: Map book

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High Speed Rail (West Midlands - Crewe)

Supplementary Environmental Statement and Additional Provision
Environmental Statement

Data dictionary and definitions

Data dictionary and definitions

Legend features	Definition	Source	Copyright
Balancing pond	The proposed location and extent of balancing ponds for drainage attenuation and infiltration. Outer boundary represents the perimeter.	High Speed Two (HS2) Ltd	
Borrow Pit	Area excavated to provide material for construction purposes.	High Speed Two (HS2) Ltd	
Chainage	<p>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 dependant 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 1:10,000, 1:5,000 and 1:2,500 scale chainage is shown at 1km intervals.</p> <p>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.</p>	High Speed Two (HS2) Ltd	
Community area boundary	The Environmental Statement has been split into 5 sections called Community Areas.	High Speed Two (HS2) Ltd	© Crown copyright and database rights 2017 OS 100049190. You are permitted to use this data solely to enable you to respond to, or interact with, the organisation that provided you with the data. You are not permitted to copy, sub-licence, distribute or sell any of this data to third parties in any form.
Construction traffic route	Public highways which may be used for HGV construction traffic.	High Speed Two (HS2) Ltd	
County boundary	County boundaries from Ordnance Survey boundary mapping.	Ordnance Survey	© Crown copyright and database rights 2017 OS 100049190. You are permitted to use this data solely to enable you to respond to, or interact with, the organisation that provided you with the data. You are not permitted to copy, sub-licence, distribute or sell any of this data to third parties in any form.
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 and database rights 2017 OS 100049190. You are permitted to use this data solely to enable you to respond to, or interact with, the organisation that provided you with the data. You are not permitted to copy, sub-licence, distribute or sell any of this data to third parties in any form.
Ditches – new	The proposed location and extent of drainage ditches.	High Speed Two (HS2) Ltd	
Ecological mitigation pond	Ponds whose primary function is to provide ecological mitigation. This could be a standalone pond or part of a wider wetland habitat creation plan.	High Speed Two (HS2) Ltd	
Electricity substation	Includes all auto-transformers and feeder stations.	High Speed Two (HS2) Ltd	
Engineering earthworks	Engineering (structural) earthworks which include railway slopes and crossings (roads etc.).	High Speed Two (HS2) Ltd	
Existing buildings	Extent of buildings derived from Ordnance Survey MasterMap	Ordnance Survey	© Crown copyright and database rights 2017 OS 100049190.

Legend features	Definition	Source	Copyright
	data.		You are permitted to use this data solely to enable you to respond to, or interact with, the organisation that provided you with the data. You are not permitted to copy, sub-licence, distribute or sell any of this data to third parties in any form.
Existing contours	Lines depicting land heights to show topography.	Ordnance Survey	© Crown copyright and database rights 2017 OS 100049190. You are permitted to use this data solely to enable you to respond to, or interact with, the organisation that provided you with the data. You are not permitted to copy, sub-licence, distribute or sell any of this data to third parties in any form.
Existing inland water	See Water body.	See Water body.	See Water body.
Existing Public Right of Way (PRoW)	See Public Rights of Way.	See Public Rights of Way.	See Public Rights of Way.
Existing watercourse	See Watercourse.	See Watercourse.	See Watercourse.
Existing woodland	See Woodland.	See Woodland.	See Woodland.
Extent of land potentially required during construction for mitigation planting	Areas of land outside the main works identified for the planting of woodland, grassland mitigation.	High Speed Two (HS2) Ltd	
Grassed areas	Any other area grassed not included in landscaped earthworks or ecological habitat.	High Speed Two (HS2) Ltd	
Grassland habitat creation	Soft landscape design that can include any seeded areas for the purpose of creating grassland except for the engineering earthworks.	High Speed Two (HS2) Ltd	
Hedgerow habitat creation	Ecological mitigation to provide new hedgerow planting, connectivity enhancements to existing areas and areas for ecological management. This level does not include screening planting for visual mitigation purposes.	High Speed Two (HS2) Ltd	
HS2 access road	Access road to HS2 infrastructure such as electricity substations, balancing ponds and maintenance access points to the railway.	High Speed Two (HS2) Ltd	
Land drainage area	Provision of land to attenuate or infiltrate overland flows at or beyond the HS2 railway boundaries; for example, where existing land drainage systems are altered by the HS2 works, where the existing landform is reshaped by landscape earthworks or where surface water from third party land is intercepted by the HS2 perimeter drainage system.	High Speed Two (HS2) Ltd	
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	
Landscape earthworks	Landscape earthworks to provide permanent landscape, visual or acoustic mitigation.	High Speed Two (HS2) Ltd	
Landscape mitigation planting (scrub / woodland)	Screening planting, using woodland, for visual mitigation and landscape integration purposes.	High Speed Two (HS2) Ltd	
Main construction compound	Main Construction Compounds in which main contractors offices and welfare facilities will be located.	High Speed Two (HS2) Ltd	
Main utility works	Represents all new major utility installations (included in the hybrid Bill) and also modifications to existing utilities required to construct the scheme. Includes water, electricity, telecommunications and gas.	High Speed Two (HS2) Ltd	
New, diverted or realigned PRoW	New, realigned or diverted Public Rights of Way (PRoW).	High Speed Two (HS2) Ltd	

Legend features	Definition	Source	Copyright
Noise fence barrier	Denotes fence-style barriers provided as part of the noise mitigation measures. Note that other noise barriers have also been included in the form of landscaping and engineering cuttings - see the SV map series for more detail on noise mitigation.	High Speed Two (HS2) Ltd	
Public realm/Replacement community facility	Public realm: Specifically provided to show areas to be used for public realm. This layer is mainly associated with station sites and is to be used to indicate general areas for designed soft and hard landscaping. Replacement community facility: Area of land for the provision of a permanent replacement community facility, such as a playground, community centre or activity centre.	High Speed Two (HS2) Ltd	
Public Rights of Way (PRoW)	Public rights of way are highways which can be used for the following purposes: - Footpaths - pedestrians only - Bridleways - pedestrians, cyclists and equestrians - Restricted byways - as bridleways plus non-motorised vehicles - Byways open to all traffic. Definitive Map data supplied by surveying authorities.	Staffordshire County Council Cheshire East Council	© Crown copyright and database rights 2017 OS 100049190. You are permitted to use this data solely to enable you to respond to, or interact with, the organisation that provided you with the data. You are not permitted to copy, sub-licence, distribute or sell any of this data to third parties in any form. © Staffordshire County Council © Cheshire East Council
Rail alignment	Longitudinal geometry of the tracks consisting of a series of straights and curves.	High Speed Two (HS2) Ltd	
Rail alignment formation	The space required to accommodate the railway infrastructure which typically includes the tracks, overhead line equipment, drainage, lineside access paths and cable routes for electrification and communication systems.	High Speed Two (HS2) Ltd	
Railway systems compound	Represents railway systems compounds which facilitate installation, testing and commissioning of the railway systems, including track, overhead line equipment, communications and signalling equipment and traction power supply.	High Speed Two (HS2) Ltd	
Replacement floodplain storage	Provision of storage to replace floodplain occupied by the Proposed Scheme. Equivalent storage is provided for events up to the 1 in 100 (1%) annual probability event with an allowance for climate change.	High Speed Two (HS2) Ltd	
Returned to suitable development use	Post construction land will be reinstated to enable potential future development.	High Speed Two (HS2) Ltd	
Satellite construction compound	Represents satellite construction compounds which serve local works for major construction elements within a main contract.	High Speed Two (HS2) Ltd	
Stopped-up PRoW	Public rights of way that will be closed due to construction of the scheme.	High Speed Two (HS2) Ltd	
Storage / prefabrication / laydown areas	Storage, prefabrication or laydown areas.	High Speed Two (HS2) Ltd	
Sustainable placement	Sustainable placement: the on-site placement for disposal of surplus excavated material to avoid causing environmental effects (e.g. transport) that would otherwise be associated with the off-site disposal of that material. "On-site" in this context means within the land required for the purposes of the Proposed	High Speed Two (HS2) Ltd	

Legend features	Definition	Source	Copyright
	Scheme and "off-site" means external land (or landfill site) which is not specifically required for the purposes of the Proposed Scheme.		
Temporary highway diversion / realignment	Indicative temporary highway diversion layouts during the construction phase.	High Speed Two (HS2) Ltd	
Temporary material stockpile	Represents temporary stockpiling of topsoil, subsoil and other excavated materials to be used for reinstatement purposes, and also stockpile areas for managing movement of excavated materials during construction.	High Speed Two (HS2) Ltd	
Temporary PRow diversion / realignment	Indicative temporary diversions to public rights of way as a result of construction of the scheme. These will vary depending on construction phase and local conditions.	High Speed Two (HS2) Ltd	
Temporary replacement community facility	Area of land for the provision of a temporary replacement community facility, such as a playground, community centre or activity centre, whilst construction works are in progress.	High Speed Two (HS2) Ltd	
Temporary workers accommodation	Temporary accommodation for workers during the construction period.	High Speed Two (HS2) Ltd	
Tunnel portal	The footprint of a tunnel portal.	High Speed Two (HS2) Ltd	
Tunnels external extent	The external excavated extent of each tunnel bore.	High Speed Two (HS2) Ltd	
Water body	Any mass of water having definite hydrological, physical, chemical and biological characteristics.	Ordnance Survey	© Crown copyright and database rights 2017 OS 100049190. You are permitted to use this data solely to enable you to respond to, or interact with, the organisation that provided you with the data. You are not permitted to copy, sub-licence, distribute or sell any of this data to third parties in any form.
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.	Environment Agency	© Environment Agency copyright and/or database right 2017. All rights reserved.
Watercourse diversion	Includes rivers, streams, ditches and other open channels, diversions to these, together with any new culverts required.	High Speed Two (HS2) Ltd	
Wetland habitat creation	Ecological mitigation area to provide new wetland habitat creation, enhancements to existing areas and areas for ecological management. This level does not include screening planting for visual mitigation purposes.	High Speed Two (HS2) Ltd	
Woodland	Woodland areas derived from Ordnance Survey MasterMap data.	Ordnance Survey	© Crown copyright and database rights 2017 OS 100049190. You are permitted to use this data solely to enable you to respond to, or interact with, the organisation that provided you with the data. You are not permitted to copy, sub-licence, distribute or sell any of this data to third parties in any form.
Woodland habitat creation	Ecological mitigation area to provide new woodland planting, connectivity enhancements to existing areas and areas for ecological management. This level does not include screening planting for visual mitigation purposes.	High Speed Two (HS2) Ltd	

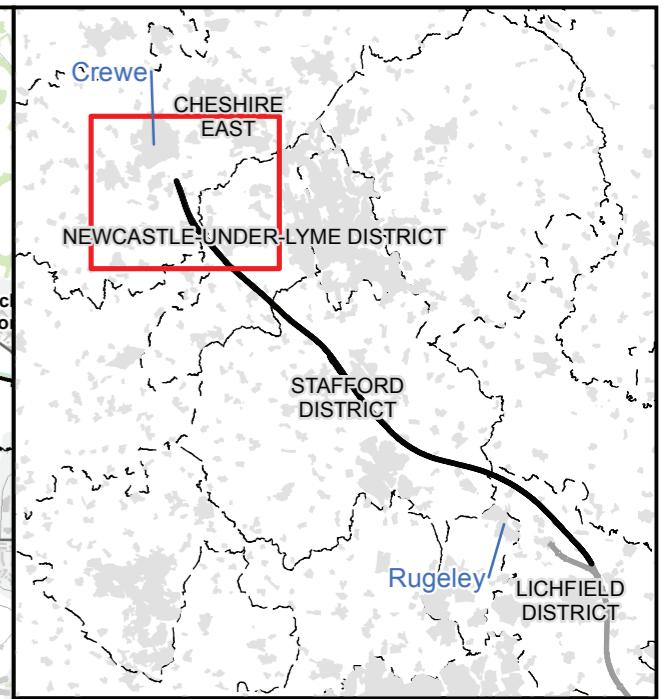
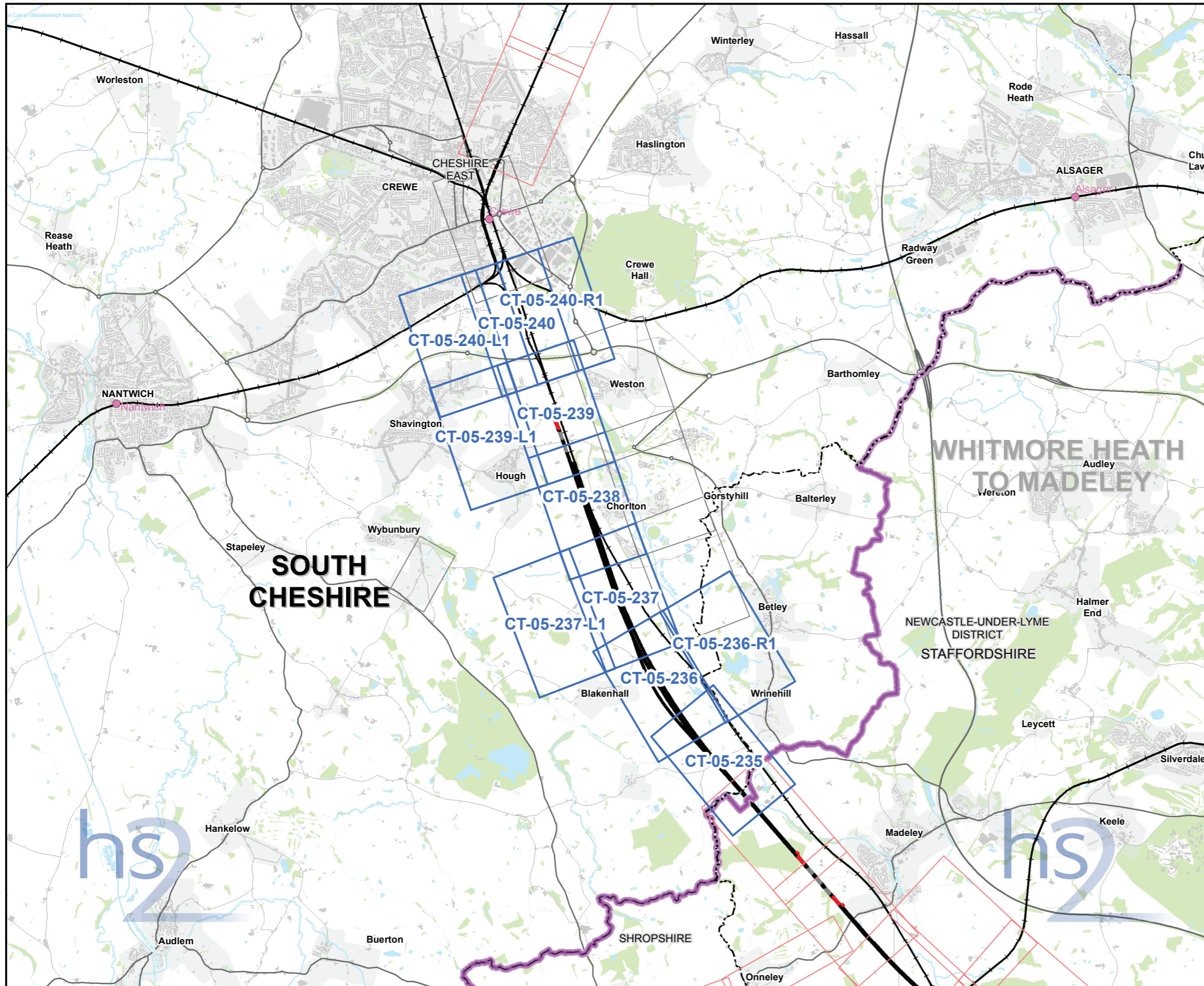
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High Speed Rail (West Midlands - Crewe)

Supplementary Environmental Statement and Additional Provision
Environmental Statement

CT-05 – Construction phase

CT-06 – Proposed scheme



Map Series Information:

These plans show the land potentially required during construction, the construction features, access requirements and infrastructure associated with construction of the Proposed Scheme. The plans also show the construction phase arrangements for public access using Public Rights of Way.

The base mapping shown on the plans is reflective of 2017 Ordnance Survey (OS) data.

Main Map Legend

Route in tunnel	Map sheets included in this community area with amendment
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	CT-05-INDEX-CA5
Map Name	Index Map of: Construction Phase SES and AP ES
	Community Area 5: South Cheshire

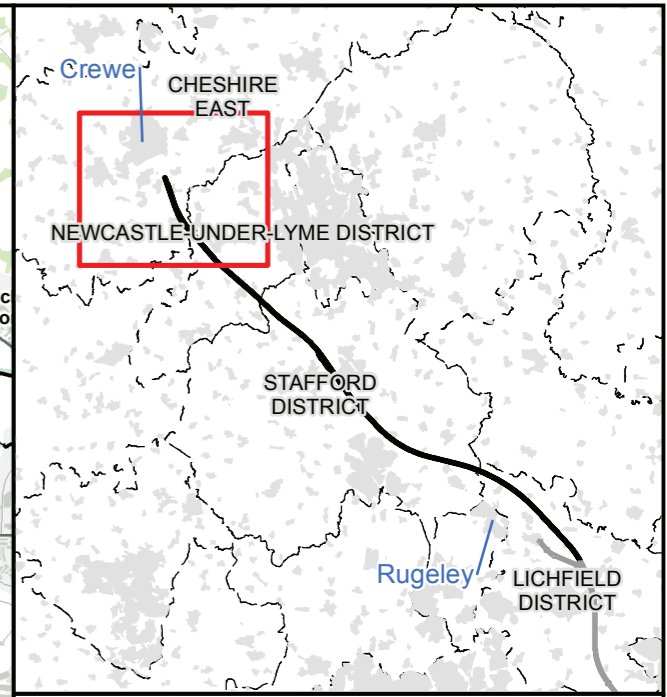
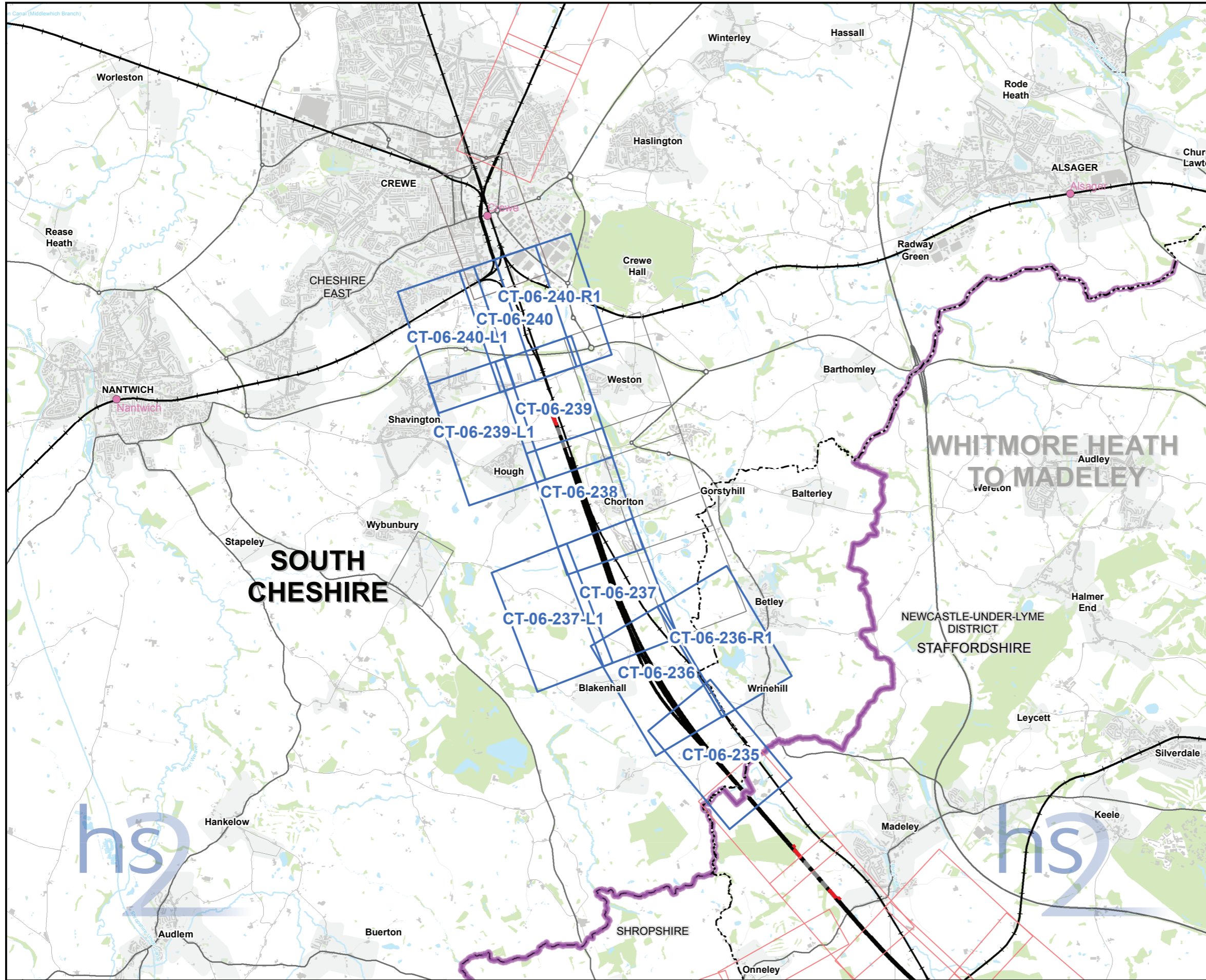
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Map Series Information:

These maps show permanent features, infrastructure, restored land, and areas for landscaping, screening and ecological mitigation associated with the Proposed Scheme.

The base mapping shown on the plans is reflective of 2017 Ordnance Survey (OS) data.

- 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 with amendment
 - Map sheets included in this community area with no amendment
 - Map sheets not included in this community area

Map Number	CT-06-INDEX-CA5
Map Name	Index Map of: Proposed Scheme SES and AP ES
	Community Area 5: South Cheshire

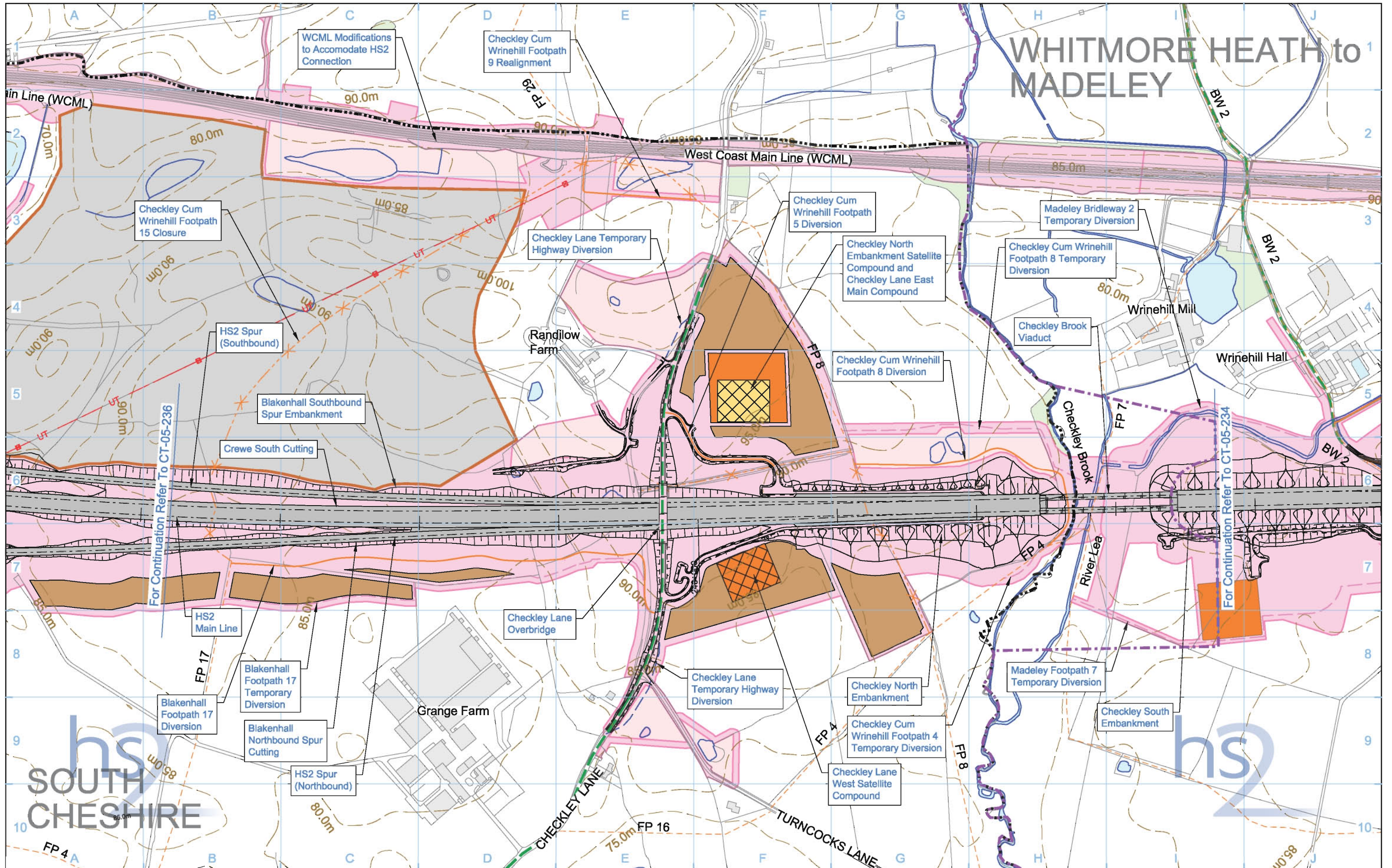
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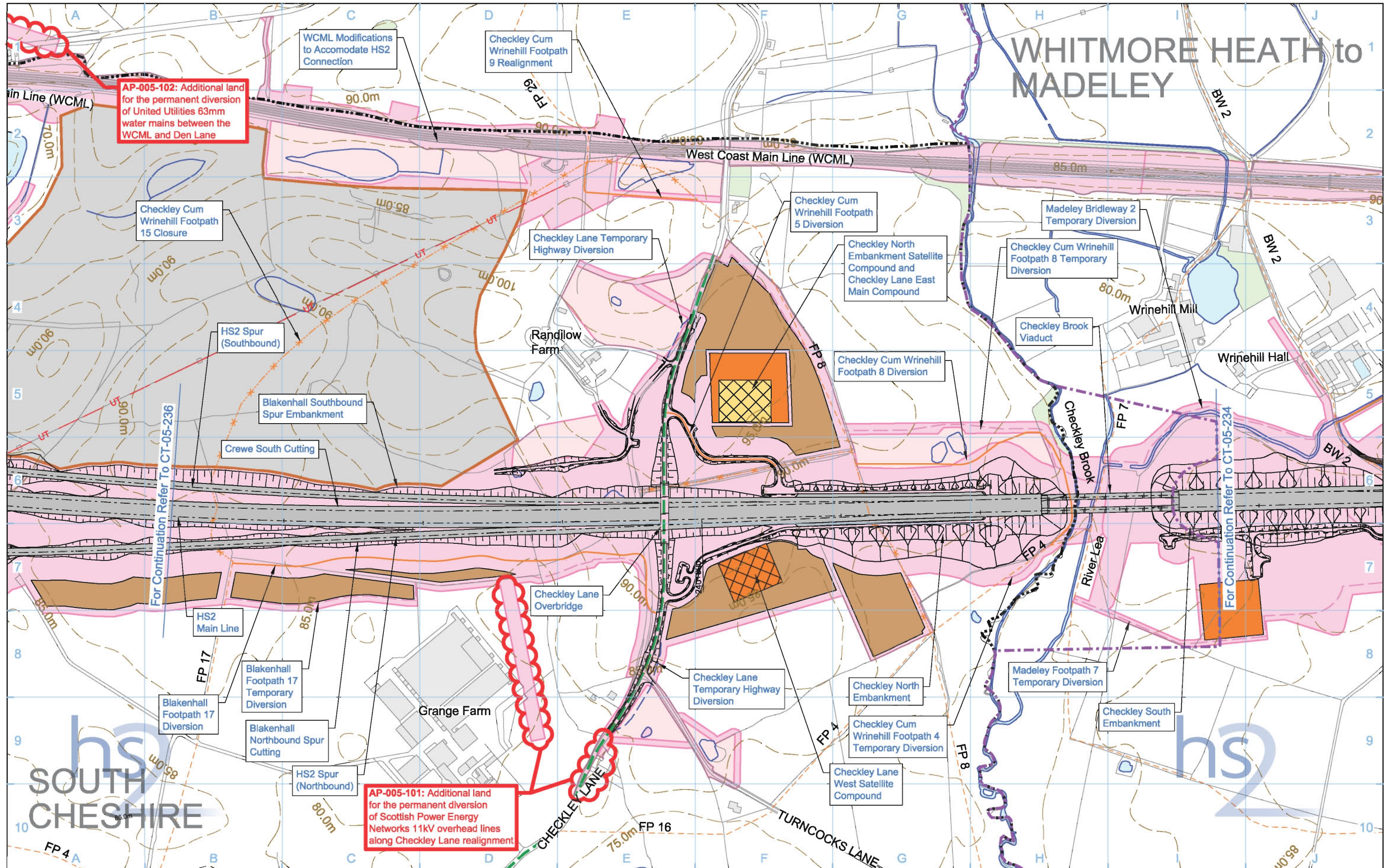
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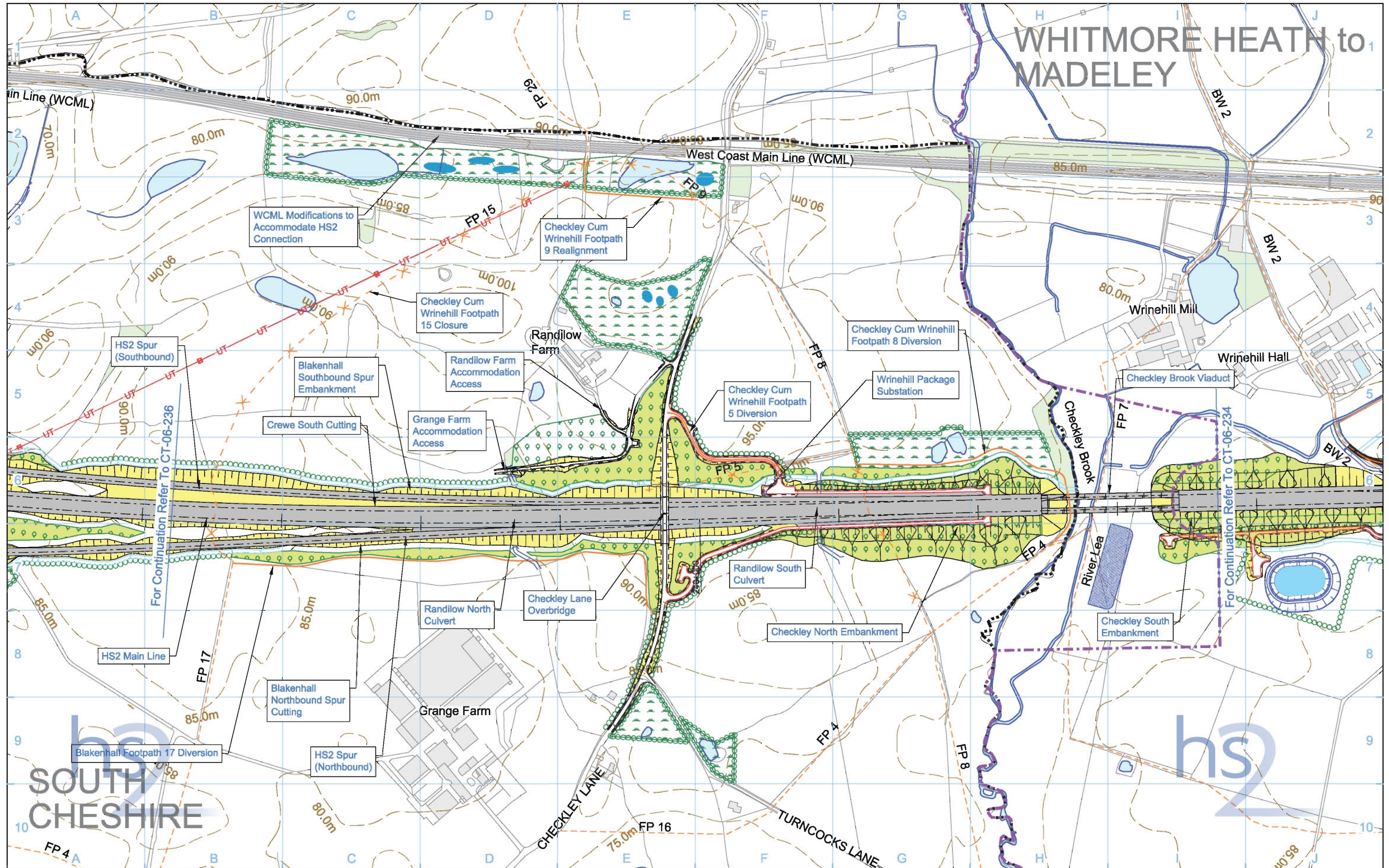
WHITMORE HEATH to MADELEY

Legend <ul style="list-style-type: none"> Depot, station, headhouse or portal building Tunnel portal Main construction compound Satellite construction compound Railway systems compound Temporary material stockpile 		<ul style="list-style-type: none"> Borrow Pit Storage / prefabrication / laydown areas Land potentially required during construction Extent of land potentially required during construction for mitigation planting Temporary replacement community facility 		<ul style="list-style-type: none"> Community Area boundary Tunnels external extent Construction traffic route Existing public right of way (PRoW) New, diverted or realigned PRoW Stopped-up PRoW Temporary PRoW diversion / realignment 		<ul style="list-style-type: none"> Landscape earthworks Engineering earthworks Temporary highway diversion / realignment Main utility works Rail alignment Chainage (e.g. 10+000) 		<ul style="list-style-type: none"> Existing woodland Existing buildings Existing inland water Existing watercourse Existing contours Rail alignment formation Temporary workers accommodation 	
Map Number CT-05-235 Map Name Construction Phase Community Area CA5 South Cheshire		hs2 <small>Registered in England. Registration number 06791686 Registered office: 2 Snow Hill, Queenway, Birmingham, B4 6QA</small> Scale at A3: 1:5,000 0 50 100 150 200 250 Metres <small>© Crown copyright and database rights 2017. Ordnance Survey Licence Number 100049180.</small> Doc Number: C861-ARP-EV-DPL-000-055235 P05 Date: 08/06/17							



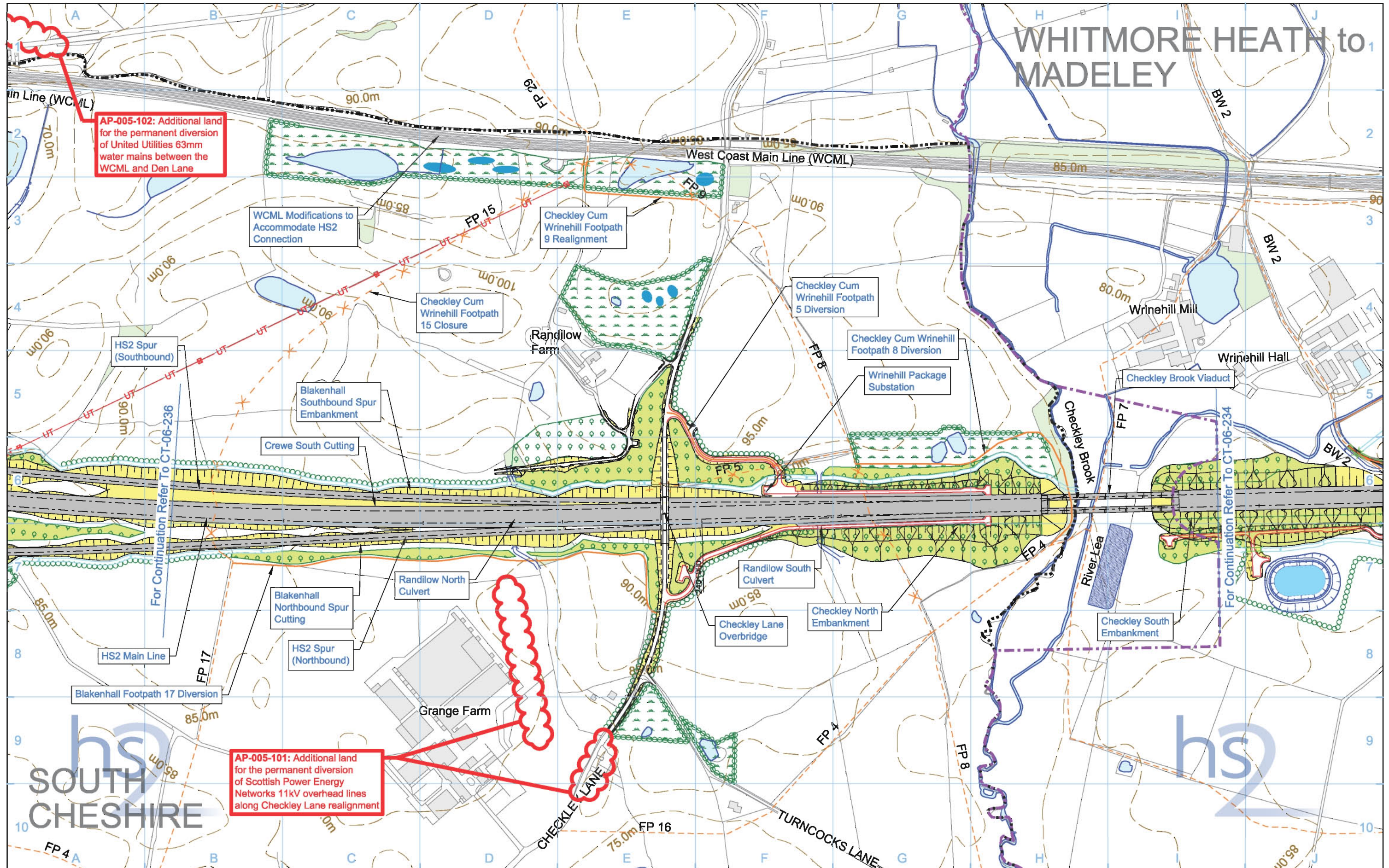
Legend 					
Map Number CT-05-235		Map Name Construction Phase SES and AP ES			
Community Area CA5 South Cheshire		Registered in England, Registration number 06791686 Registered office: 2 Snow Hill, Queenway, Birmingham, B4 6QA		HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.	
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WHITMORE HEATH to MADELEY



Legend <ul style="list-style-type: none"> Depot, station, headhouse or portal building Tunnel portal Electricity substation Land drainage area Ecological mitigation pond Balancing pond Replacement floodplain storage Woodland habitat creation Wetland habitat creation Grassland habitat creation Landscape mitigation planting (scrub / woodland) Grassed areas Sustainable placement Public realm/Replacement community facility Engineering earthworks Landscape earthworks Rail alignment formation Returned to suitable development use County boundary Borough / District boundary Community Area boundary Watercourse diversion Existing watercourse Ditches - new Hedgerow habitat creation Main utility works Existing public right of way (PRoW) New, diverted or realigned PRoW Stopped-up PRoW Tunnels external extent Existing woodland Existing buildings Existing inland water Existing contours HS2 access road Noise fence barrier Rail alignment Chainage (e.g. 10+000) 		Map Number CT-06-235 Map Name Proposed Scheme Community Area CA5 South Cheshire	h2 HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way. Registered in England. Registration number 06791686 Registered office: 2 Snow Hill, Queenway, Birmingham, B4 6QA Scale at A3: 1:5,000 0 50 100 150 200 250 Metres © Crown copyright and database rights 2017. Ordnance Survey Licence Number 100048190. Doc Number: C861-ARP-EV-DPL-000-056235 P05 Date: 08/06/17
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WHITMORE HEATH to MADELEY



AP-005-102: Additional land for the permanent diversion of United Utilities 63mm water mains between the WCML and Den Lane

AP-005-101: Additional land for the permanent diversion of Scottish Power Energy Networks 11kV overhead lines along Checkley Lane realignment

Legend	
	Depot, station, headhouse or portal building
	Tunnel portal
	Electricity substation
	Land drainage area
	Ecological mitigation pond
	Balancing pond
	Replacement floodplain storage
	Woodland habitat creation
	Wetland habitat creation
	Grassland habitat creation
	Landscape mitigation planting (scrub / woodland)
	Grassed areas
	Sustainable placement
	Public realm/Replacement community facility
	Engineering earthworks
	Landscape earthworks
	Rail alignment formation
	Returned to suitable development use
	County boundary
	Borough / District boundary
	Community Area boundary
	Watercourse diversion
	Existing watercourse
	Ditches - new
	Hedgerow habitat creation
	Main utility works
	Existing Public Right of Way (PRoW)
	New, diverted or realigned PRoW
	Stopped-up PRoW
	Tunnels external extent
	Existing woodland
	Existing buildings
	Existing inland water
	Existing contours
	HS2 access road
	Noise fence barrier
	Rail alignment
	Chainage (e.g. 10+000)

Map Number: **CT-06-235**

Map Name: **Proposed Scheme SES and AP ES**

Community Area: **CA5 South Cheshire**

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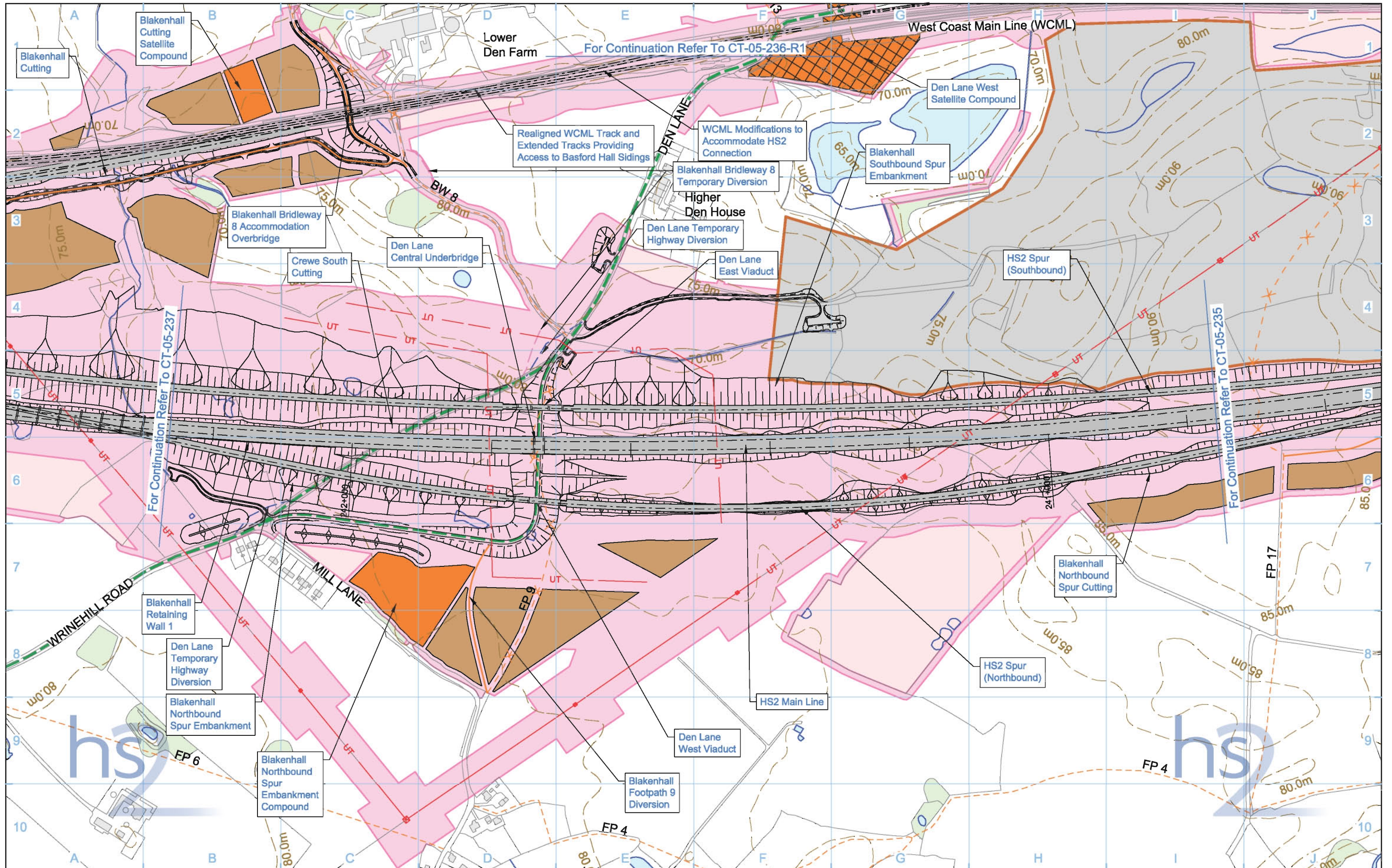
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Doc Number: 2PT01-ARP-EV-DPL-000-056235 P03 Date: 16/02/18



Legend	
Depot, station, headhouse or portal building	Borrow Pit
Tunnel portal	Storage / prefabrication / laydown areas
Main construction compound	Land potentially required during construction
Satellite construction compound	Extent of land potentially required during construction for mitigation planting
Railway systems compound	Temporary replacement community facility
Temporary material stockpile	
Community Area boundary	Tunnels external extent
Construction traffic route	Engineering earthworks
Existing public right of way (PRoW)	Temporary highway diversion / realignment
New, diverted or realigned PRoW	Main utility works
Stopped-up PRoW	Rail alignment
Temporary PRoW diversion / realignment	Chainage (e.g. 10+000)
	Existing woodland
	Existing buildings
	Existing inland water
	Existing watercourse
	Existing contours
	Rail alignment formation
	Temporary workers accommodation

Map Number	CT-05-236
Map Name	Construction Phase
Community Area	CA5 South Cheshire

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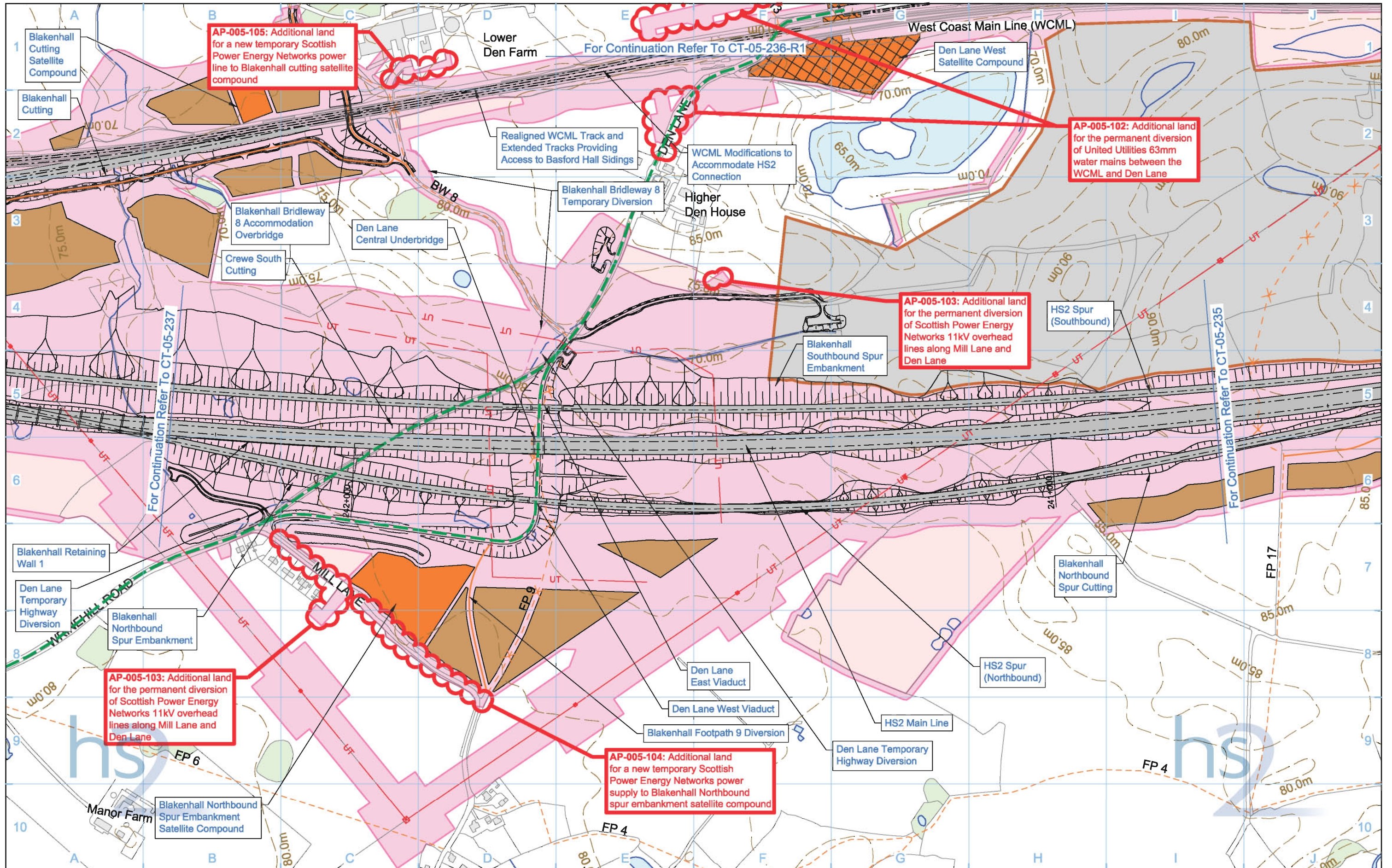
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Doc Number: C861-ARP-EV-DPL-000-055236 **P06** **Date:** 08/06/17



Legend	
Depot, station, headhouse or portal building	Borrow Pit
Tunnel portal	Storage / prefabrication / laydown areas
Main construction compound	Land potentially required during construction
Satellite construction compound	Extent of land potentially required during construction for mitigation planting
Railway systems compound	Temporary replacement community facility
Temporary material stockpile	
Community Area boundary	Landscape earthworks
Tunnels external extent	Engineering earthworks
Construction traffic route	Temporary highway diversion / realignment
Existing Public Right of Way (PRoW)	Main utility works
New, diverted or realigned PRoW	Rail alignment
Stopped-up PRoW	Chainage (e.g. 10+000)
Temporary PRoW diversion / realignment	Existing woodland
	Existing buildings
	Existing inland water
	Existing watercourse
	Existing contours
	Rail alignment formation
	Temporary workers accommodation

Map Number	CT-05-236
Map Name	Construction Phase SES and AP ES
Community Area	CA5 South Cheshire

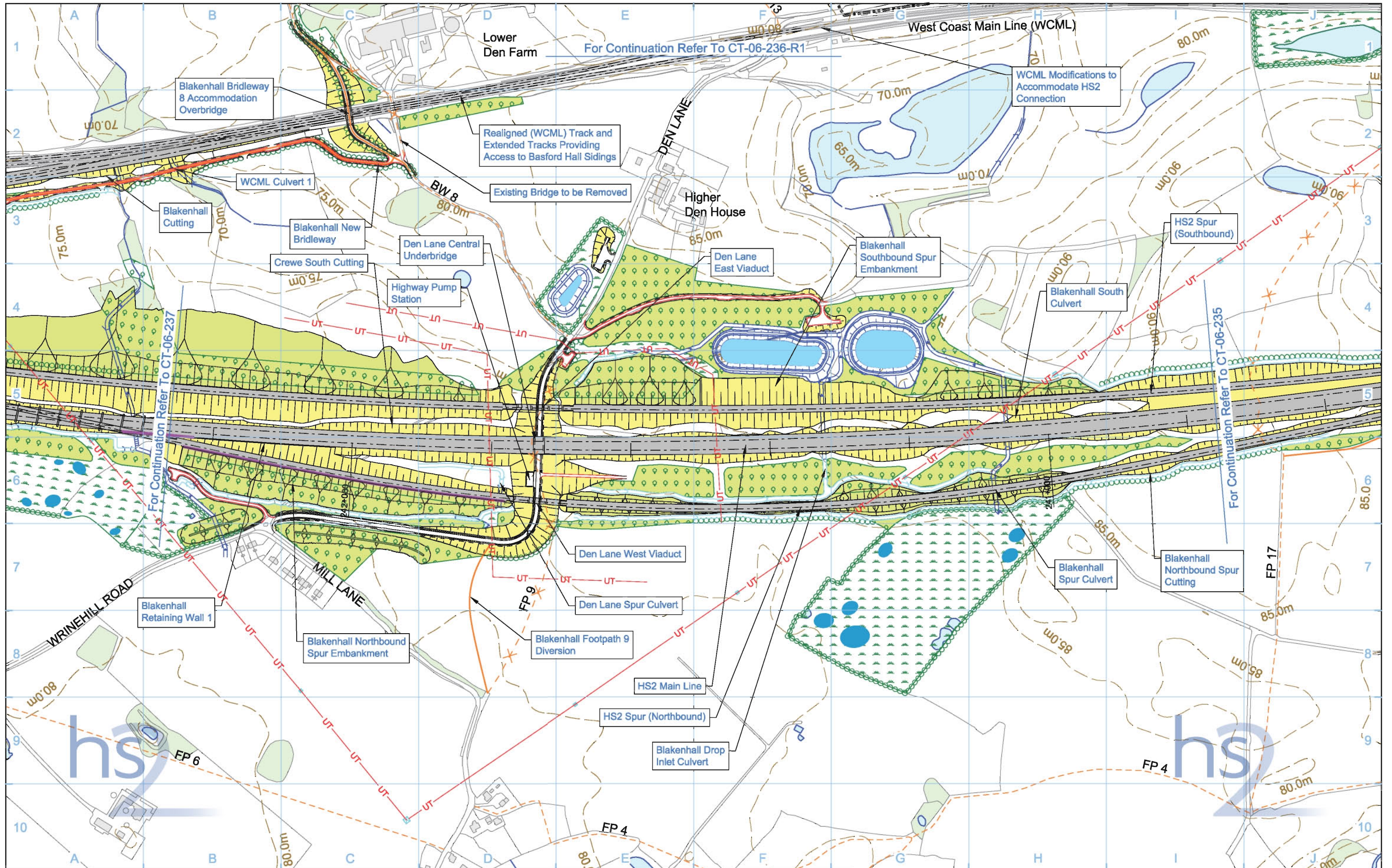
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Legend	
	Depot, station, headhouse or portal building
	Tunnel portal
	Electricity substation
	Land drainage area
	Ecological mitigation pond
	Balancing pond
	Replacement floodplain storage
	Woodland habitat creation
	Wetland habitat creation
	Grassland habitat creation
	Landscape mitigation planting (scrub / woodland)
	Grassed areas
	Sustainable placement
	Public realm/Replacement community facility
	Engineering earthworks
	Landscape earthworks
	Rail alignment formation
	Returned to suitable development use
	County boundary
	Borough / District boundary
	Community Area boundary
	Watercourse diversion
	or Existing watercourse
	Ditches - new
	Hedgerow habitat creation
	Main utility works
	Existing public right of way (PRoW)
	New, diverted or realigned PRoW
	Stopped-up PRoW
	Tunnels external extent
	Existing woodland
	Existing buildings
	Existing inland water
	Existing contours
	HS2 access road
	Noise fence barrier
	Rail alignment
	Chainage (e.g. 10+000)

Map Number: **CT-06-236**

Map Name: **Proposed Scheme**

Community Area: **CA5 South Cheshire**

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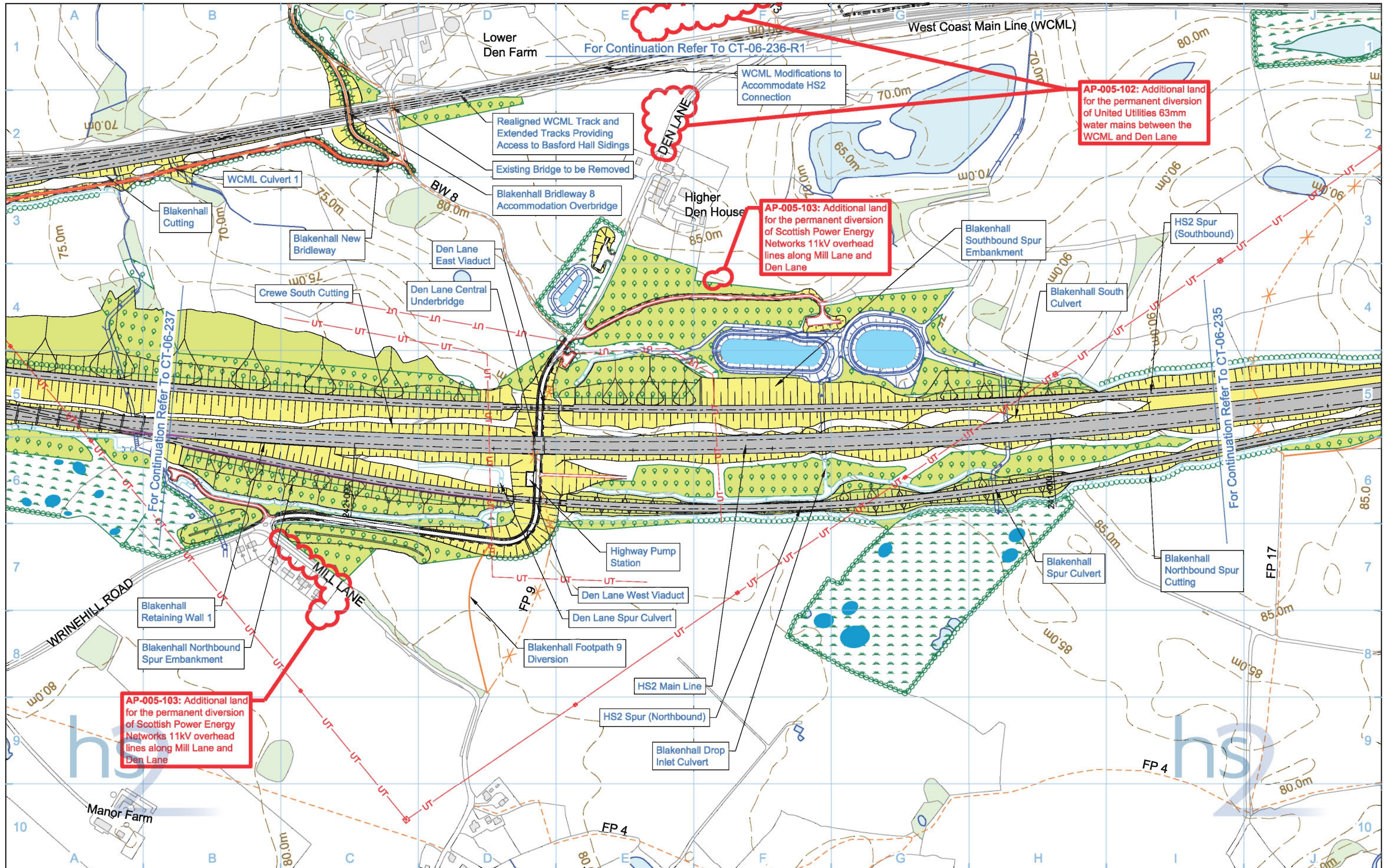
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Doc Number: C861-ARP-EV-DPL-000-056236 P05 Date: 08/06/17



AP-005-102: Additional land for the permanent diversion of United Utilities 63mm water mains between the WCML and Den Lane

AP-005-103: Additional land for the permanent diversion of Scottish Power Energy Networks 11kV overhead lines along Mill Lane and Den Lane

AP-005-103: Additional land for the permanent diversion of Scottish Power Energy Networks 11kV overhead lines along Mill Lane and Den Lane

Legend	
	Depot, station, headhouse or portal building
	Tunnel portal
	Electricity substation
	Land drainage area
	Ecological mitigation pond
	Balancing pond
	Replacement floodplain storage
	Woodland habitat creation
	Wetland habitat creation
	Grassland habitat creation
	Landscape mitigation planting (scrub / woodland)
	Grassed areas
	Sustainable placement
	Public realm/Replacement community facility
	Engineering earthworks
	Landscape earthworks
	Rail alignment formation
	Returned to suitable development use
	County boundary
	Borough / District boundary
	Community Area boundary
	Watercourse diversion
	Existing watercourse
	Ditches - new
	Hedgerow habitat creation
	Main utility works
	Existing Public Right of Way (PRoW)
	New, diverted or realigned PRoW
	Stopped-up PRoW
	Tunnels external extent
	Existing woodland
	Existing buildings
	Existing inland water
	Existing contours
	HS2 access road
	Noise fence barrier
	Rail alignment
	Chainage (e.g. 10+000)

Map Number	CT-06-236
Map Name	Proposed Scheme SES and AP ES
Community Area	CA5 South Cheshire

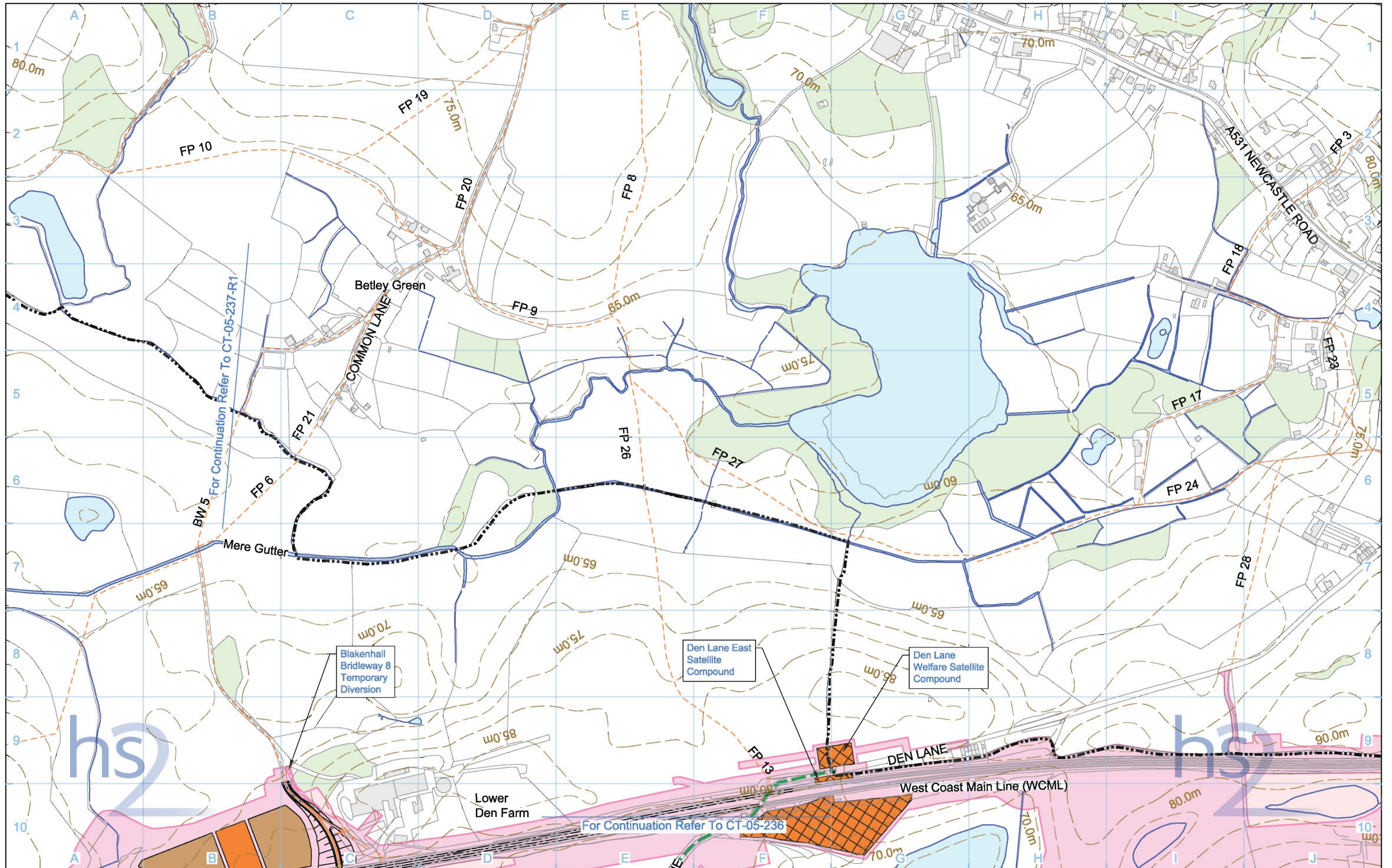
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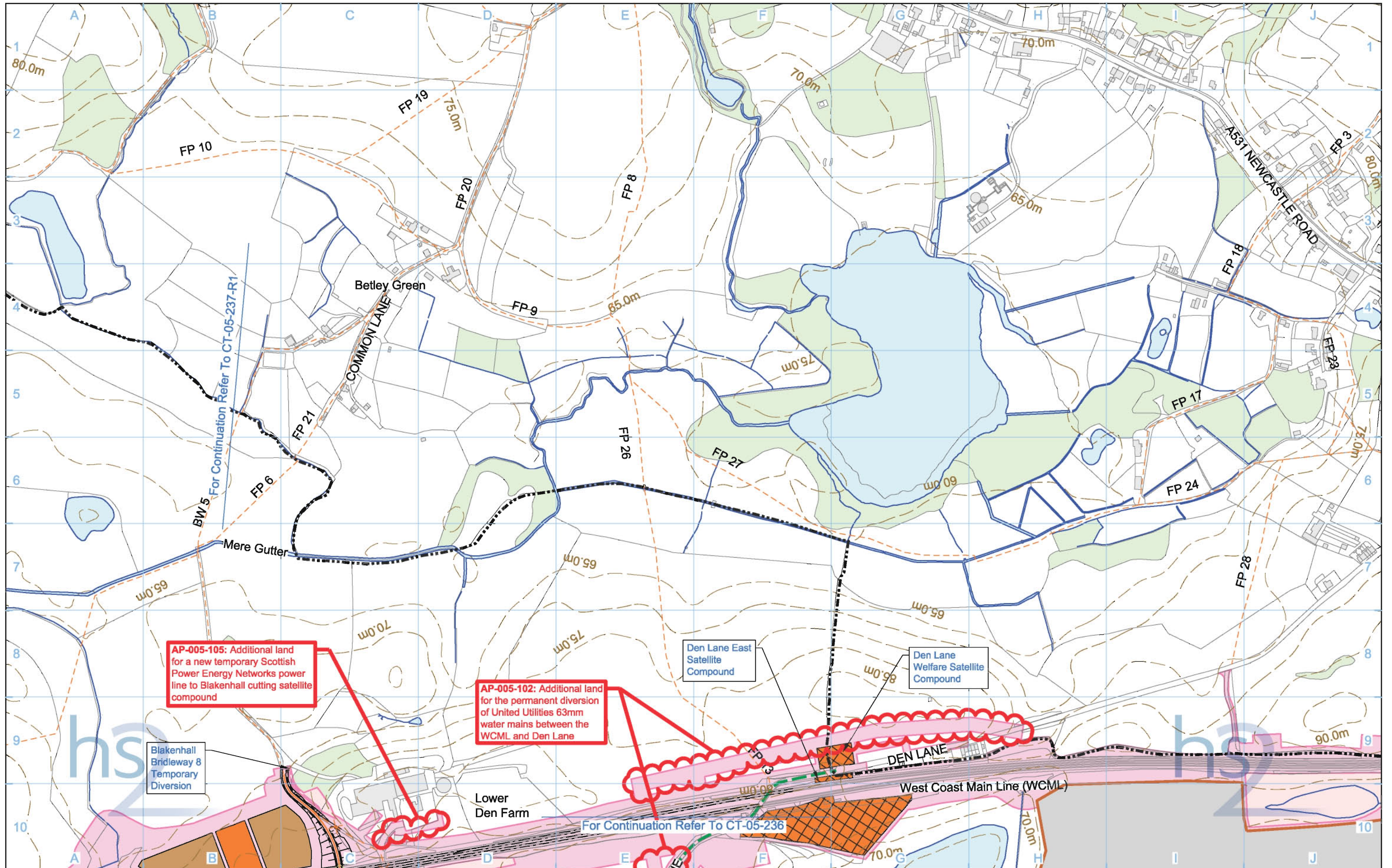
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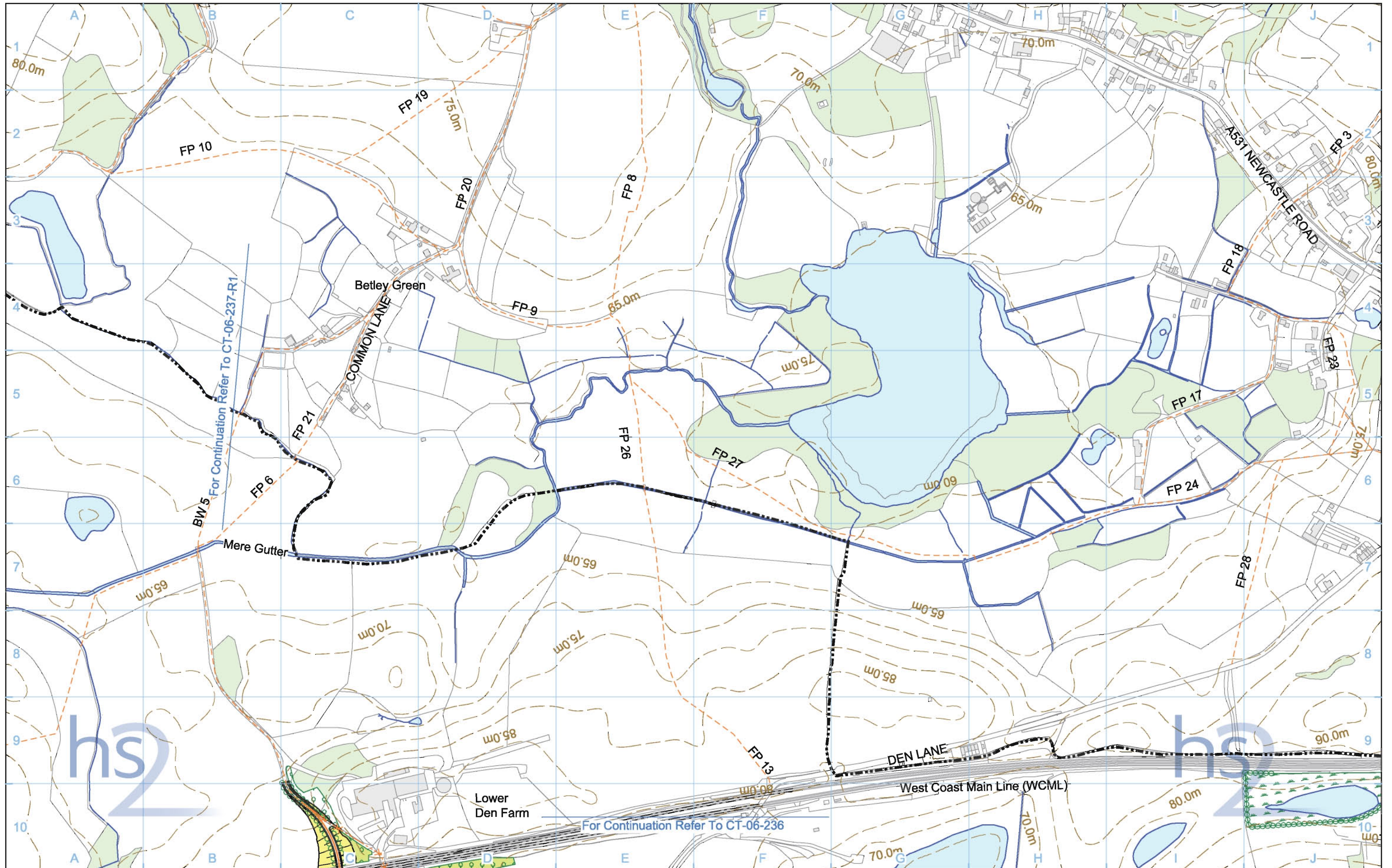
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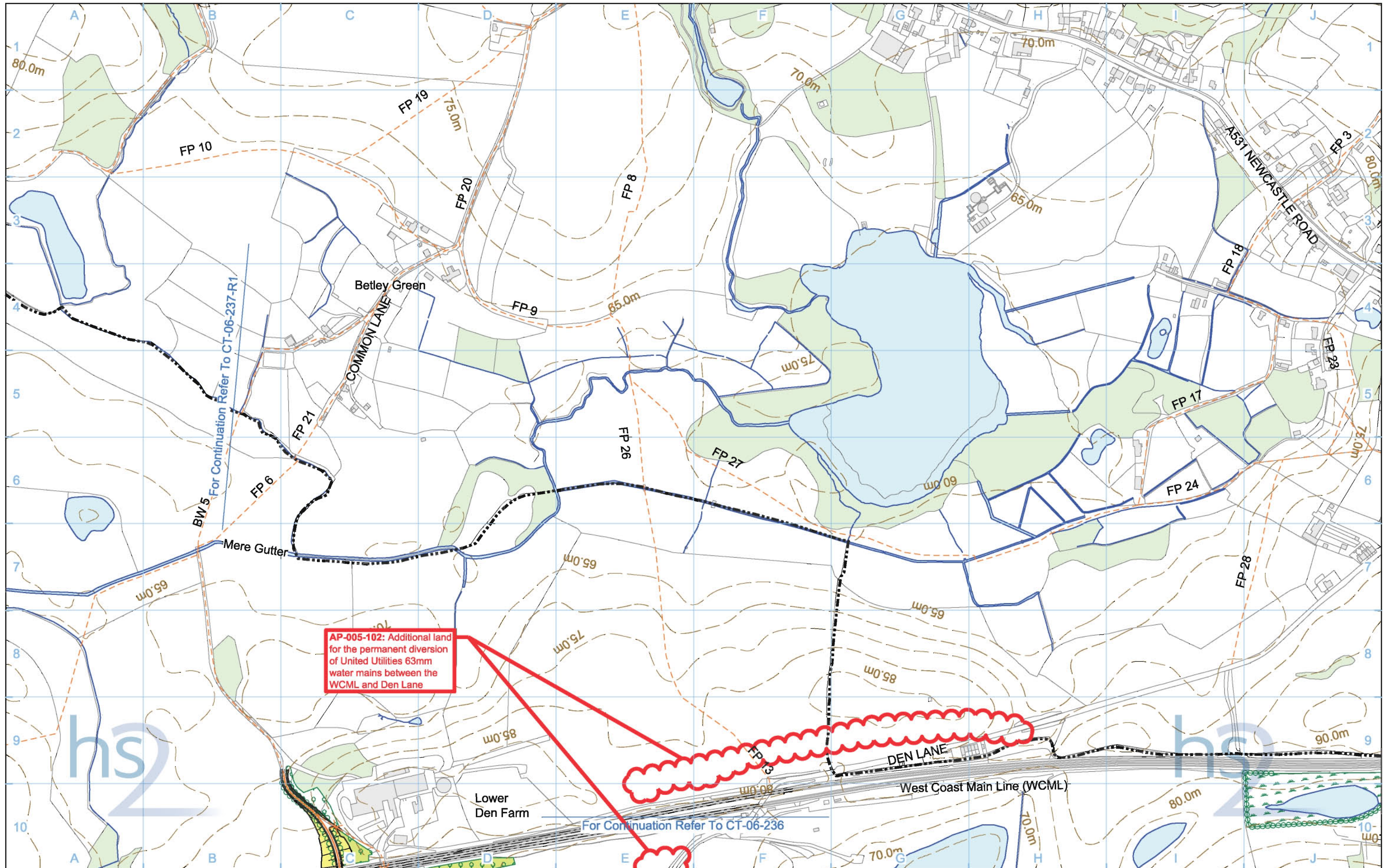
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Map Name Construction Phase		Community Area CA5 South Cheshire	
For Continuation Refer To CT-05-237-R1 For Continuation Refer To CT-05-236			



Legend 			
Map Number CT-05-236-R1			
Map Name Construction Phase SES and AP ES		<small>HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</small>	
Community Area CA5 South Cheshire		<small>Registered in England. Registration number 06791686 Registered office: 2 Snow Hill, Queenway, Birmingham, B4 6QA</small>	
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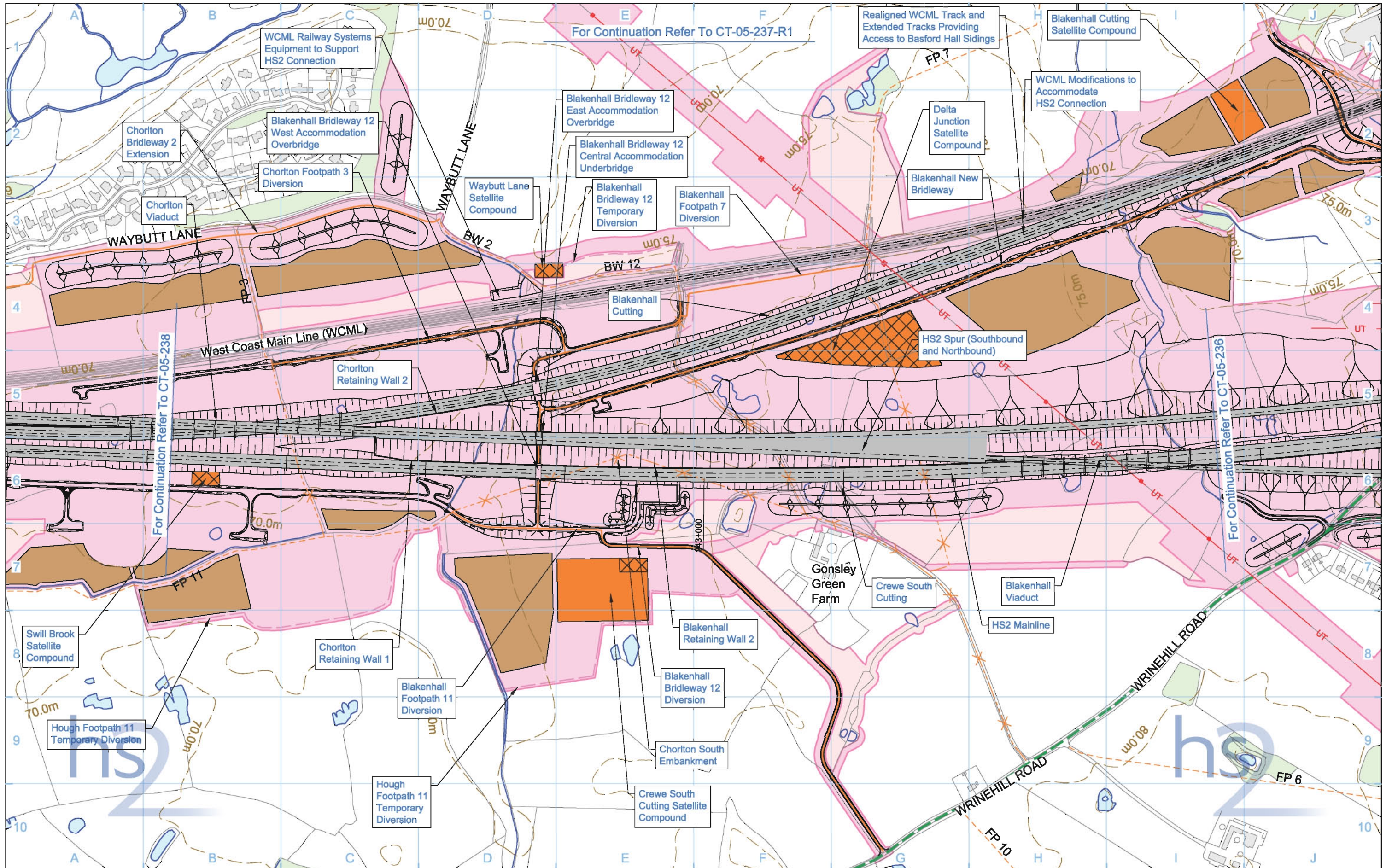


Legend 		Map Number CT-06-236-R1	 HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.
Map Name Proposed Scheme		Scale at A3: 1:5,000 	
Community Area CA5 South Cheshire		Doc Number: C861-ARP-EV-DPL-000-056436 Date: 08/06/17	Registered in England. Registration number 06791686 Registered office: 2 Snow Hill, Queenway, Birmingham, B4 6QA © Crown copyright and database rights 2017. Ordnance Survey Licence Number 100049190.



AP-005-102: Additional land for the permanent diversion of United Utilities 63mm water mains between the WCML and Den Lane

Legend 		Map Number CT-06-236-R1	 HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.
Map Name Proposed Scheme SES and AP ES		Scale at A3: 1:5,000 	
Community Area CA5 South Cheshire		Doc Number: 2PT01-ARP-EV-DPL-000-056436 Date: 14/03/18	



Legend	
	Depot, station, headhouse or portal building
	Tunnel portal
	Main construction compound
	Satellite construction compound
	Railway systems compound
	Temporary material stockpile
	Borrow Pit
	Storage / prefabrication / laydown areas
	Land potentially required during construction
	Extent of land potentially required during construction for mitigation planting
	Temporary replacement community facility
	Community Area boundary
	Tunnels external extent
	Construction traffic route
	Existing public right of way (PRoW)
	New, diverted or realigned PRoW
	Stopped-up PRoW
	Temporary PRoW diversion / realignment
	Landscape earthworks
	Engineering earthworks
	Temporary highway diversion / realignment
	Main utility works
	Rail alignment
	Chainage (e.g. 10+000)
	Existing woodland
	Existing buildings
	Existing inland water
	Existing watercourse
	Existing contours
	Rail alignment formation
	Temporary workers accommodation

Map Number: **CT-05-237**

Map Name: **Construction Phase**

Community Area: **CA5 South Cheshire**

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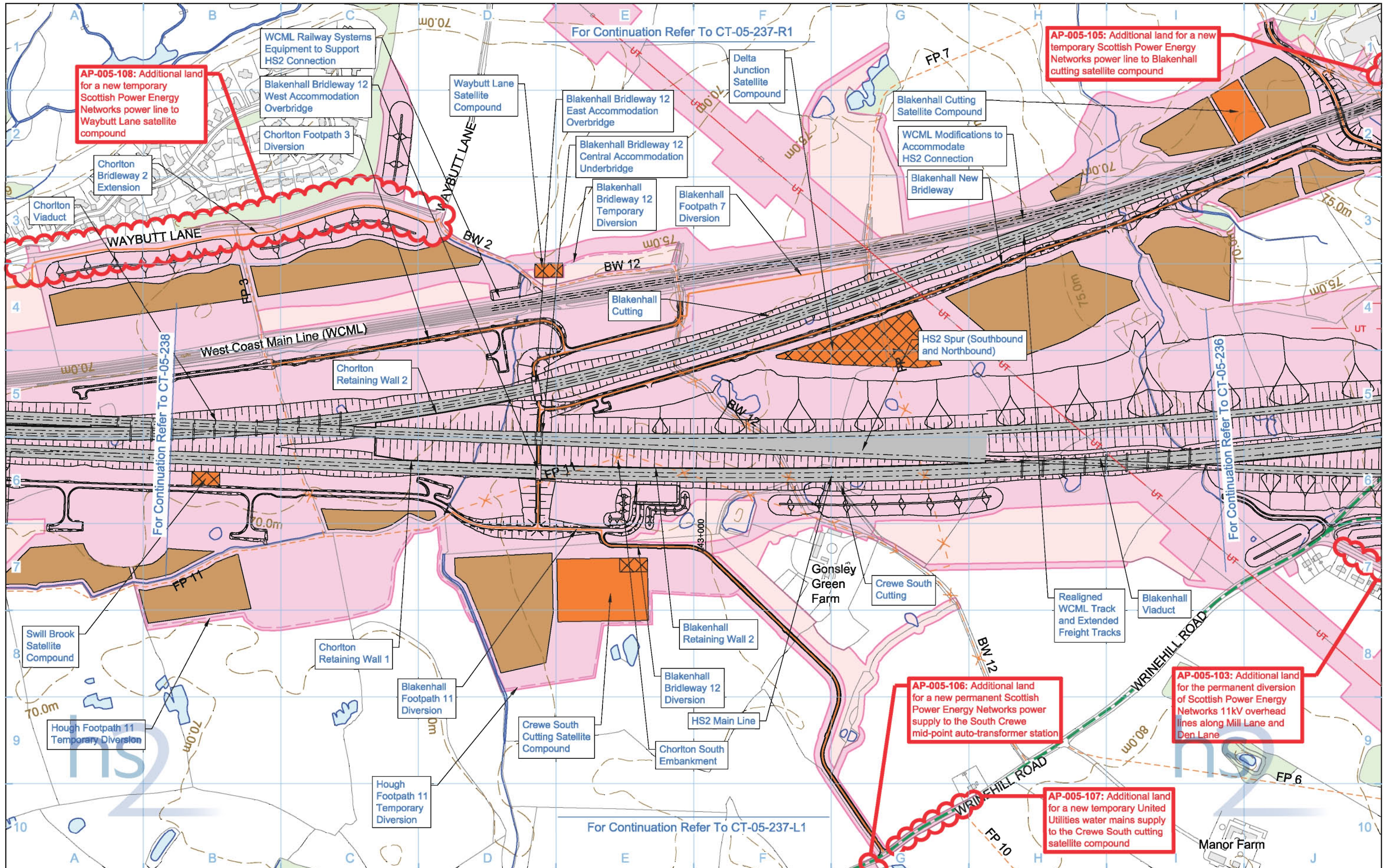
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Doc Number: C861-ARP-EV-DPL-000-055237 P06 Date: 08/06/17



AP-005-108: Additional land for a new temporary Scottish Power Energy Networks power line to Waybutt Lane satellite compound

AP-005-105: Additional land for a new temporary Scottish Power Energy Networks power line to Blakenhall cutting satellite compound

AP-005-106: Additional land for a new permanent Scottish Power Energy Networks power supply to the South Crewe mid-point auto-transformer station

AP-005-103: Additional land for the permanent diversion of Scottish Power Energy Networks 11kV overhead lines along Mill Lane and Den Lane

AP-005-107: Additional land for a new temporary United Utilities water mains supply to the Crewe South cutting satellite compound

Legend	
	Depot, station, headhouse or portal building
	Tunnel portal
	Main construction compound
	Satellite construction compound
	Railway systems compound
	Temporary material stockpile
	Borrow Pit
	Storage / prefabrication / laydown areas
	Land potentially required during construction
	Extent of land potentially required during construction for mitigation planting
	Temporary replacement community facility
	Community Area boundary
	Tunnels external extent
	Construction traffic route
	Existing Public Right of Way (PRoW)
	New, diverted or realigned PRoW
	Stopped-up PRoW
	Temporary PRoW diversion / realignment
	Landscape earthworks
	Engineering earthworks
	Temporary highway diversion / realignment
	Main utility works
	Rail alignment
	Chainage (e.g. 10+000)
	Existing woodland
	Existing buildings
	Existing inland water
	Existing watercourse
	Existing contours
	Rail alignment formation
	Temporary workers accommodation

Map Number: **CT-05-237**

Map Name: **Construction Phase SES and AP ES**

Community Area: CA5 South Cheshire

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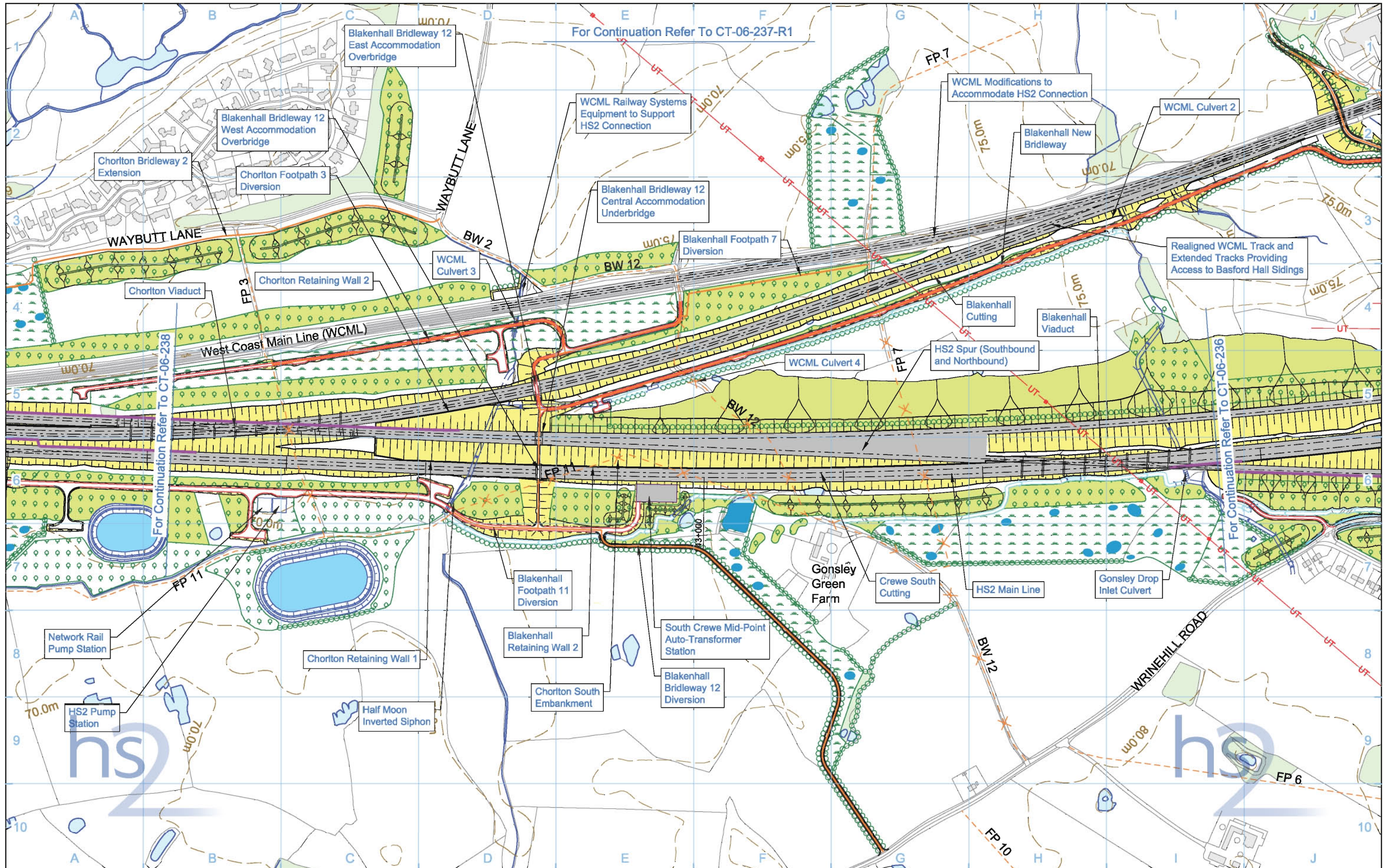
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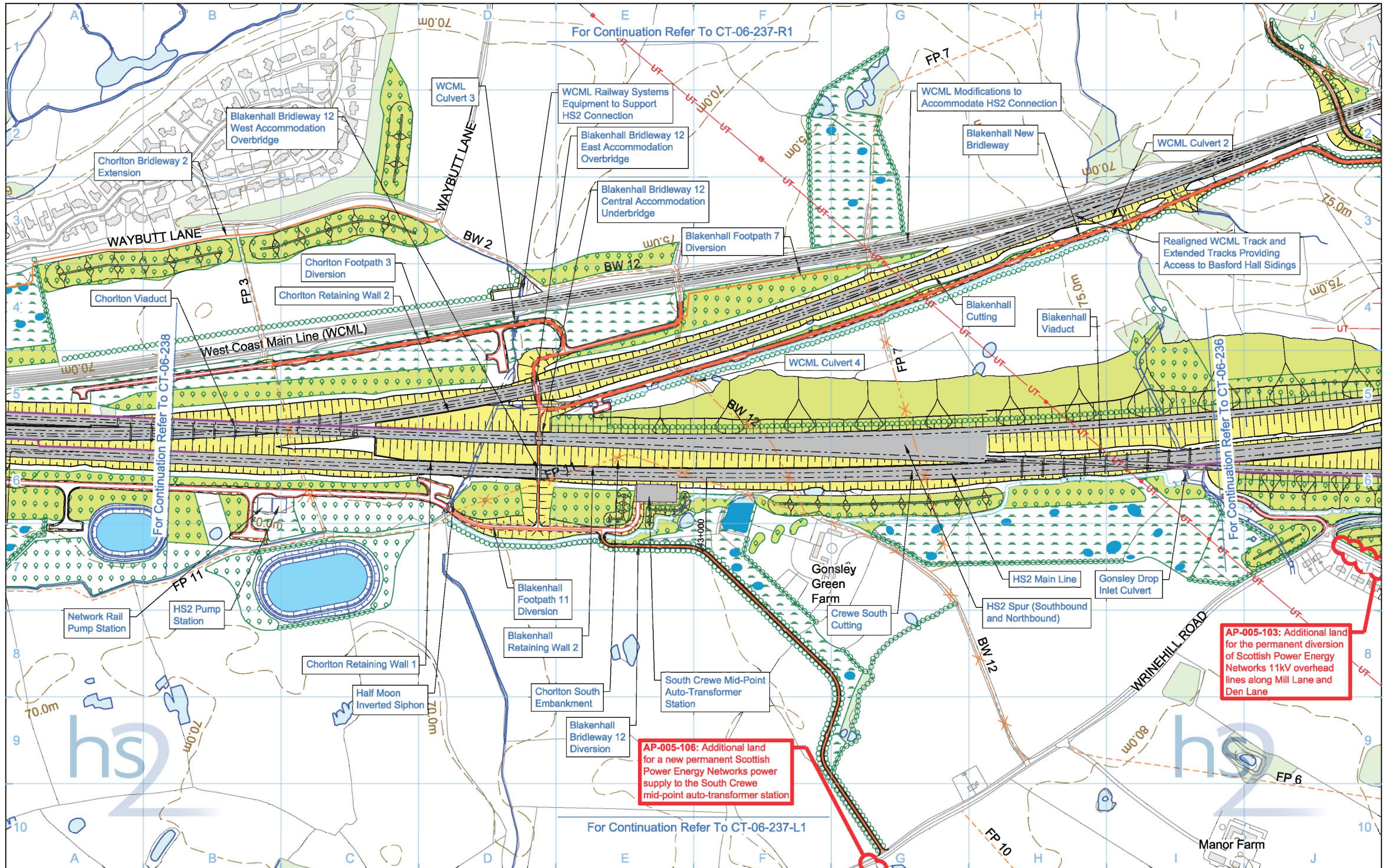
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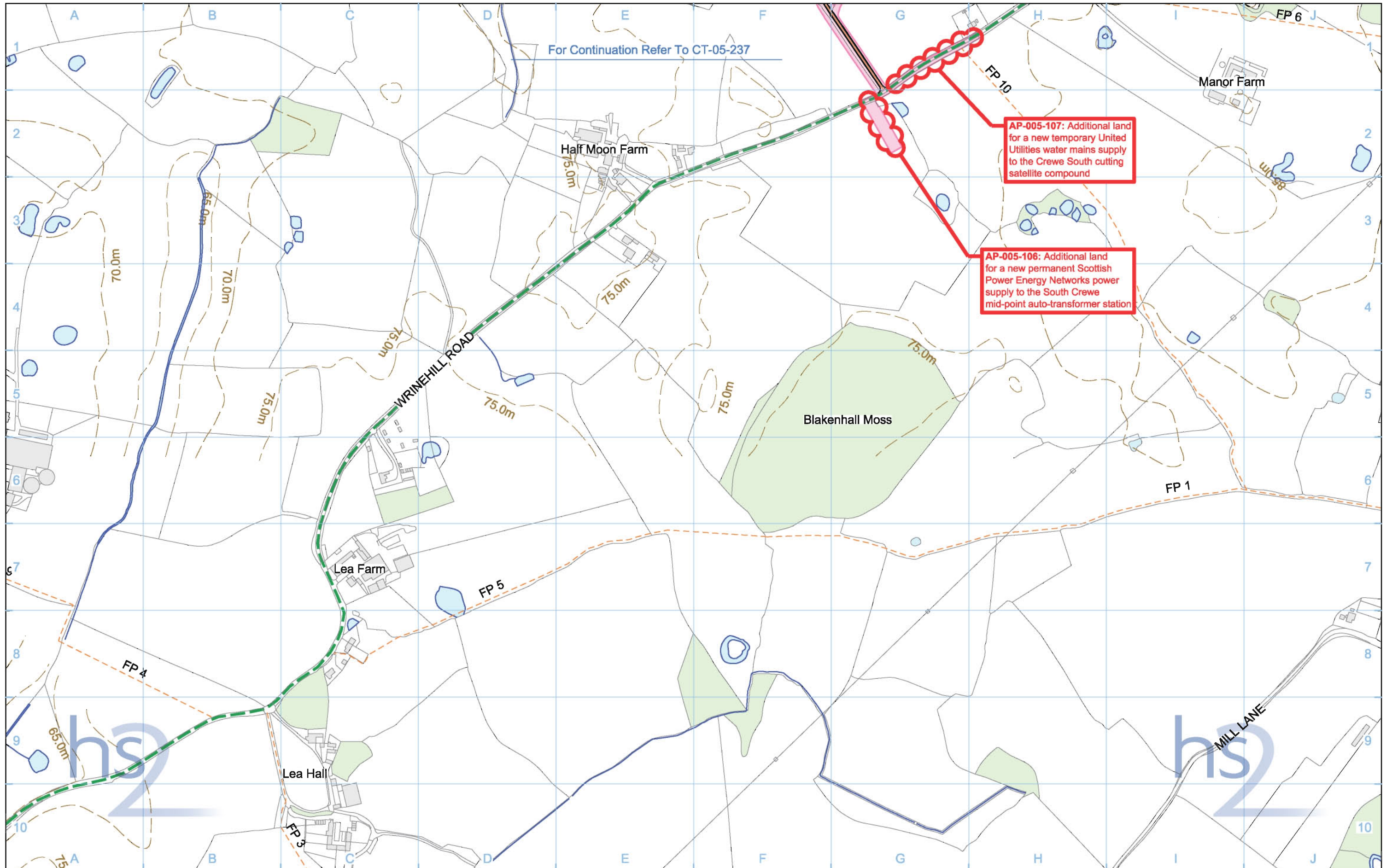


Legend <ul style="list-style-type: none"> Depot, station, headhouse or portal building Tunnel portal Electricity substation Land drainage area Ecological mitigation pond Balancing pond Replacement floodplain storage Woodland habitat creation Wetland habitat creation Grassland habitat creation Landscape mitigation planting (scrub / woodland) Grassed areas Sustainable placement Public realm/Replacement community facility Engineering earthworks Landscape earthworks Rail alignment formation Returned to suitable development use County boundary Borough / District boundary Community Area boundary Watercourse diversion Existing watercourse Ditches - new Hedgerow habitat creation Main utility works Existing public right of way (PRoW) New, diverted or realigned PRoW Stopped-up PRoW Tunnels external extent Existing woodland Existing buildings Existing inland water Existing contours HS2 access road Noise fence barrier Rail alignment Chainage (e.g. 10+000) 		<p>Map Number: CT-06-237</p> <p>Map Name: Proposed Scheme</p> <p>Community Area: CA5 South Cheshire</p>	<p>hs2</p> <p>HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</p> <p>Registered in England, Registration number 06791686 Registered office: 2 Snow Hill, Queenway, Birmingham, B4 6QA</p> <p>Scale at A3: 1:5,000</p> <p>0 50 100 150 200 250 Metres</p> <p>© Crown copyright and database rights 2017. Ordnance Survey Licence Number 100049190.</p> <p>Doc Number: C861-ARP-EV-DPL-000-056237 P05 Date: 08/06/17</p>
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Legend <ul style="list-style-type: none"> Depot, station, headhouse or portal building Tunnel portal Electricity substation Land drainage area Ecological mitigation pond Balancing pond Replacement floodplain storage Woodland habitat creation Wetland habitat creation Grassland habitat creation Landscape mitigation planting (scrub / woodland) Grassed areas Sustainable placement Public realm/Replacement community facility Engineering earthworks Landscape earthworks Rail alignment formation Returned to suitable development use County boundary Borough / District boundary Community Area boundary Watercourse diversion Existing watercourse Ditches - new Hedgerow habitat creation Main utility works Existing Public Right of Way (PRoW) New, diverted or realigned PRoW Stopped-up PRoW Tunnels external extent Existing woodland Existing buildings Existing inland water Existing contours HS2 access road Noise fence barrier Rail alignment Chainage (e.g. 10+000) 		Map Number CT-06-237 Map Name Proposed Scheme SES and AP ES Community Area CA5 South Cheshire	<p>HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</p> <p>Registered in England. Registration number 06791686 Registered office: 2 Snow Hill, Queenway, Birmingham, B4 6QA</p> <p>Scale at A3: 1:5,000</p> <p>0 50 100 150 200 250 Metres</p> <p>© Crown copyright and database rights 2017. Ordnance Survey Licence Number 100049190.</p> <p>Doc Number: 2PT01-ARP-EV-DPL-000-056237 P04 Date: 14/03/18</p>
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No corresponding map in the main ES



For Continuation Refer To CT-05-237

AP-005-107: Additional land for a new temporary United Utilities water mains supply to the Crewe South cutting satellite compound

AP-005-106: Additional land for a new permanent Scottish Power Energy Networks power supply to the South Crewe mid-point auto-transformer station

Legend	
Depot, station, headhouse or portal building	Borrow Pit
Tunnel portal	Storage / prefabrication / laydown areas
Main construction compound	Land potentially required during construction
Satellite construction compound	Extent of land potentially required during construction for mitigation planting
Railway systems compound	Temporary replacement community facility
Temporary material stockpile	Community Area boundary
	Tunnels external extent
	Construction traffic route
	Existing Public Right of Way (PRoW)
	Stopped-up PRoW
	Temporary PRoW diversion / realignment
Landscape earthworks	Existing woodland
Engineering earthworks	Existing buildings
Temporary highway diversion / realignment	Existing inland water
Main utility works	Existing watercourse
Rail alignment	Existing contours
Chainage (e.g. 10+000)	Rail alignment formation
	Temporary workers accommodation

Map Number	CT-05-237-L1
Map Name	Construction Phase SES and AP ES
Community Area	CA5 South Cheshire

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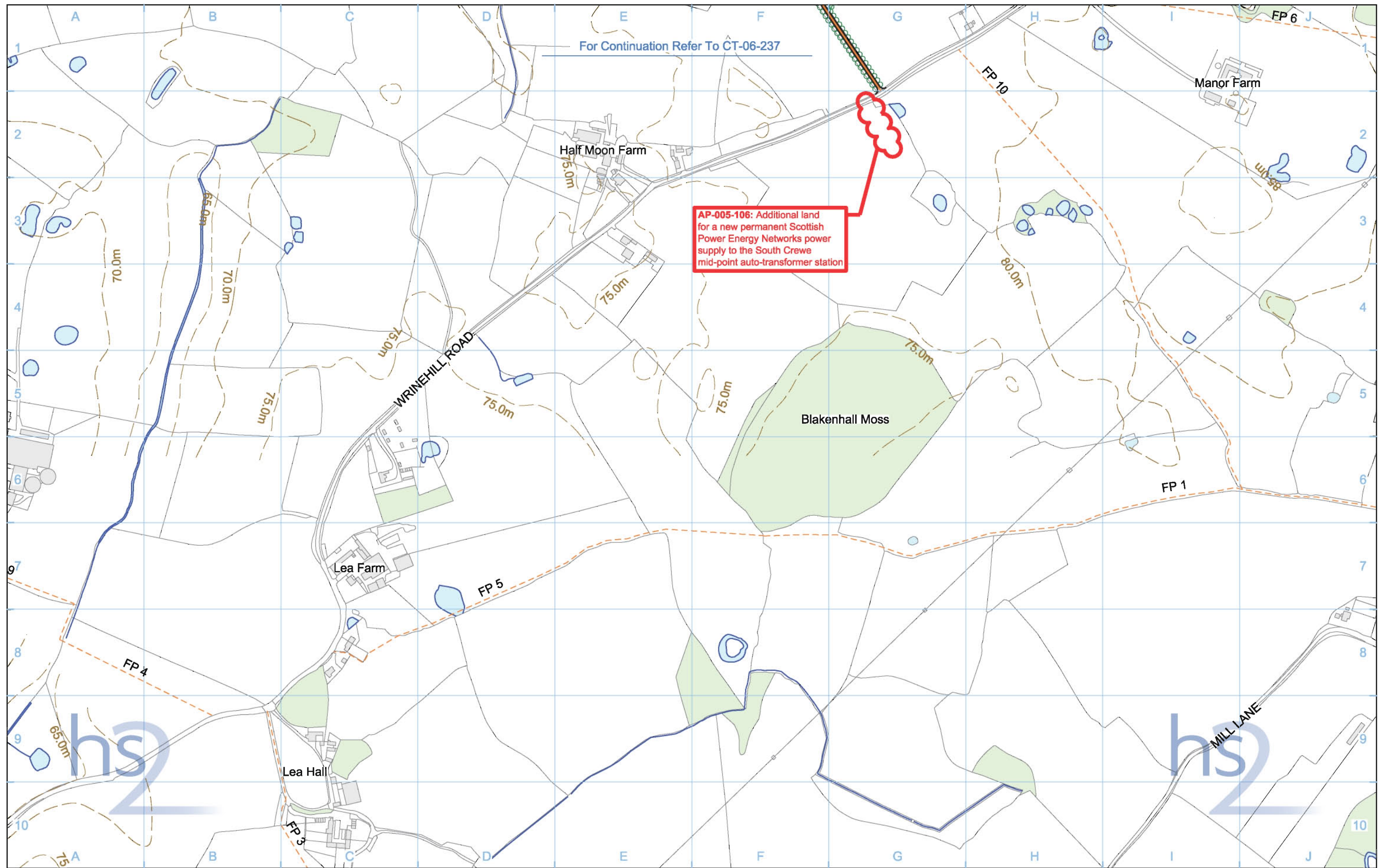
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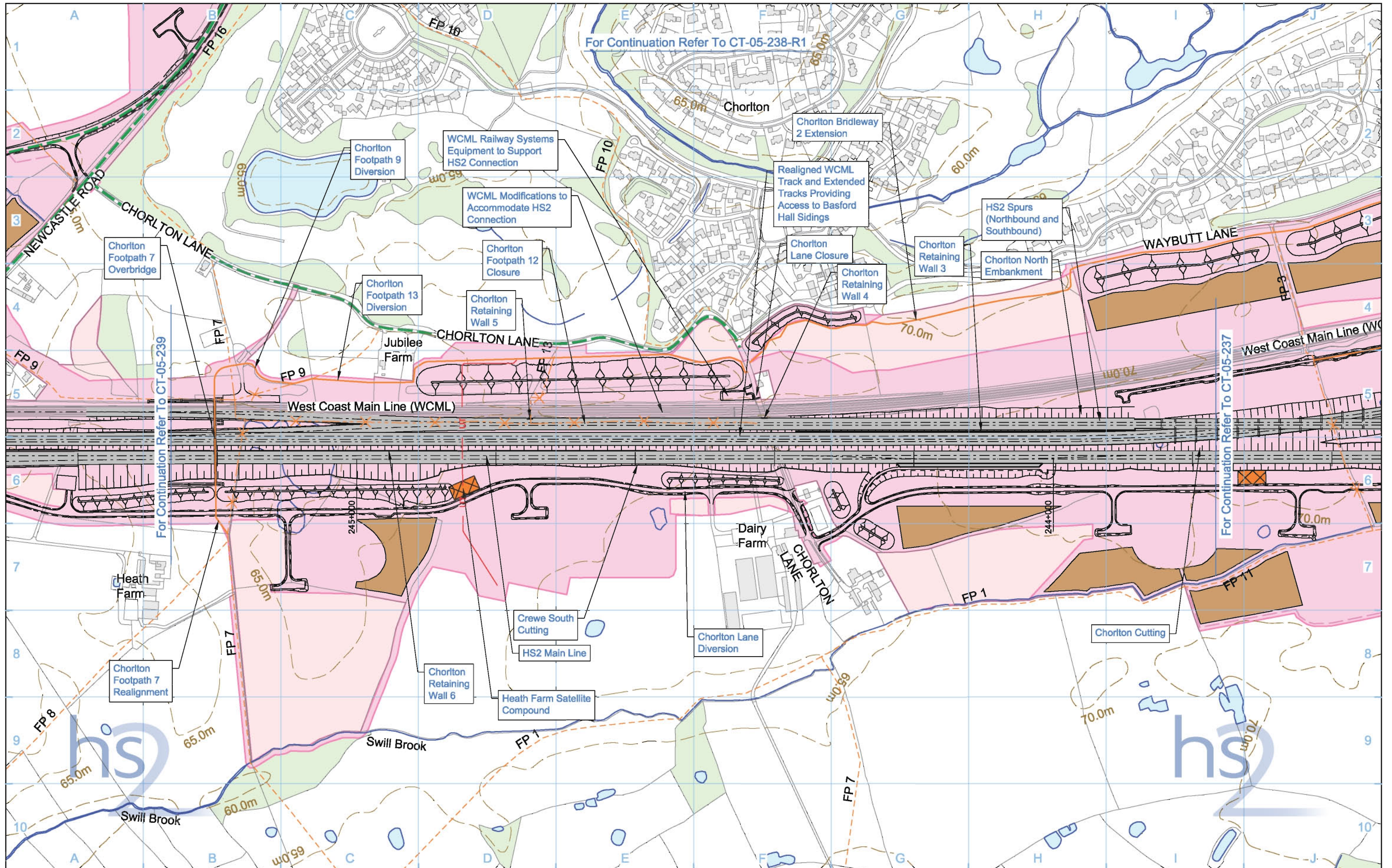
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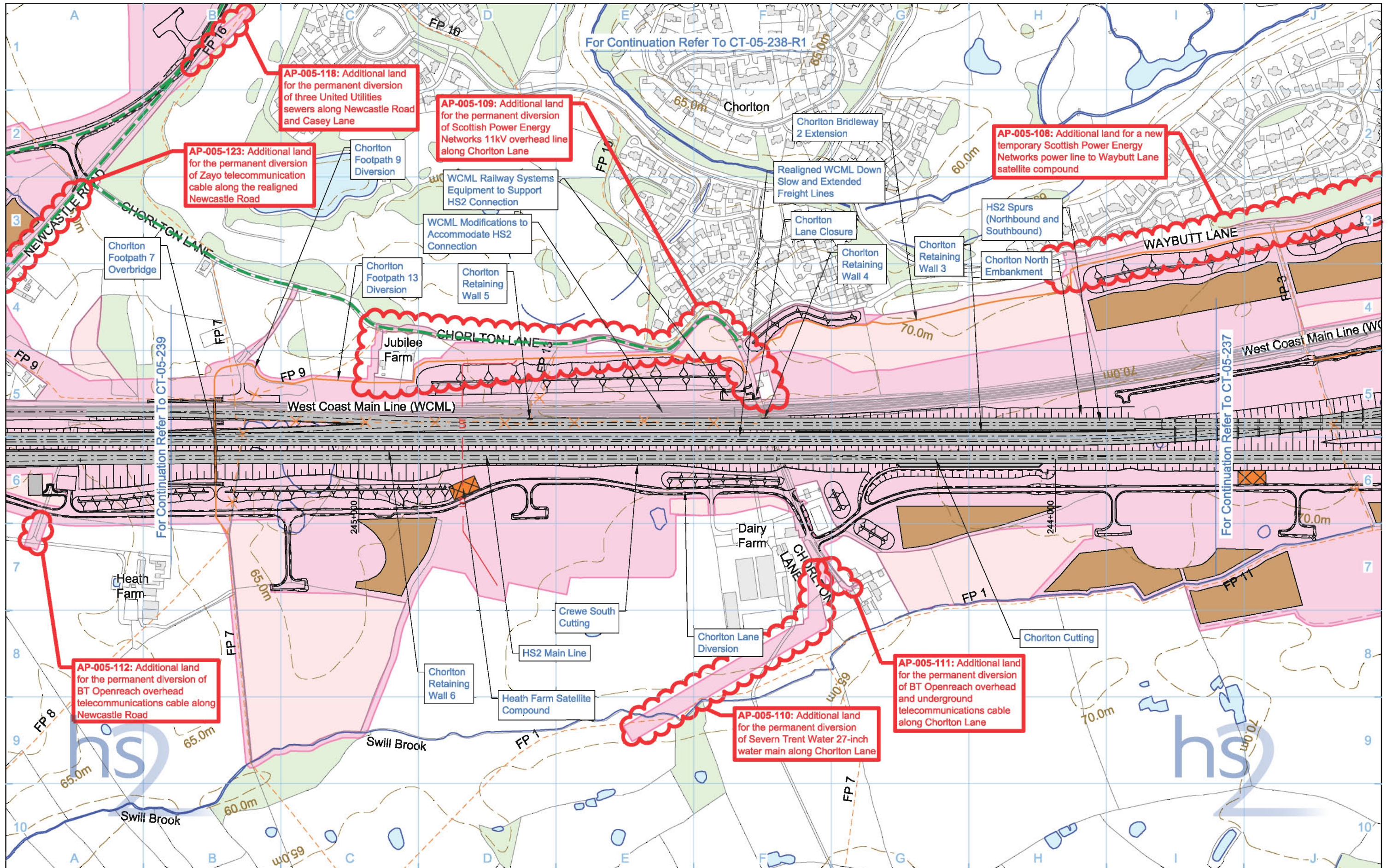
For Continuation Refer To CT-06-237

AP-005-106: Additional land for a new permanent Scottish Power Energy Networks power supply to the South Crewe mid-point auto-transformer station

<p>Legend</p> <ul style="list-style-type: none"> Depot, station, headhouse or portal building Tunnel portal Electricity substation Land drainage area Ecological mitigation pond Balancing pond Replacement floodplain storage Woodland habitat creation Wetland habitat creation Grassland habitat creation Landscape mitigation planting (scrub / woodland) Grassed areas Sustainable placement Public realm/Replacement community facility Engineering earthworks Landscape earthworks Rail alignment formation Returned to suitable development use County boundary Borough / District boundary Watercourse diversion Existing watercourse Ditches - new Hedgerow habitat creation Main utility works Existing Public Right of Way (PRoW) New, diverted or realigned PRoW Stopped-up PRoW Community Area boundary Tunnels external extent Existing woodland Existing buildings Existing inland water Existing contours HS2 access road Noise fence barrier Rail alignment Chainage (e.g. 10+000) 		<p>Map Number CT-06-237-L1</p> <p>Map Name Proposed Scheme SES and AP ES</p> <p>Community Area CA5 South Cheshire</p>	<p>hs2 HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</p> <p>Registered in England. Registration number 06791686 Registered office: 2 Snow Hill, Queenway, Birmingham, B4 6QA</p> <p>Scale at A3: 1:5,000</p> <p>0 50 100 150 200 250 Metres</p> <p>© Crown copyright and database rights 2017. Ordnance Survey Licence Number 100049190.</p> <p>Doc Number: 2PT01-ARP-EV-DPL-000-056537 P03 Date: 16/02/18</p>
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Legend 		Map Number CT-05-238 Construction Phase CA5 South Cheshire	 <small>HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</small> <small>Registered in England. Registration number 06791686 Registered office: 2 Snow Hill, Queenway, Birmingham, B4 6QA</small> <small>Scale at A3: 1:5,000</small> <small>© Crown copyright and database rights 2017. Ordnance Survey Licence Number 100049190.</small> Doc Number: C861-ARP-EV-DPL-000-055238 P05 Date: 08/06/17
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For Continuation Refer To CT-05-238-R1

For Continuation Refer To CT-05-239

For Continuation Refer To CT-05-237

AP-005-118: Additional land for the permanent diversion of three United Utilities sewers along Newcastle Road and Casey Lane

AP-005-123: Additional land for the permanent diversion of Zayo telecommunication cable along the realigned Newcastle Road

AP-005-109: Additional land for the permanent diversion of Scottish Power Energy Networks 11kV overhead line along Chorlton Lane

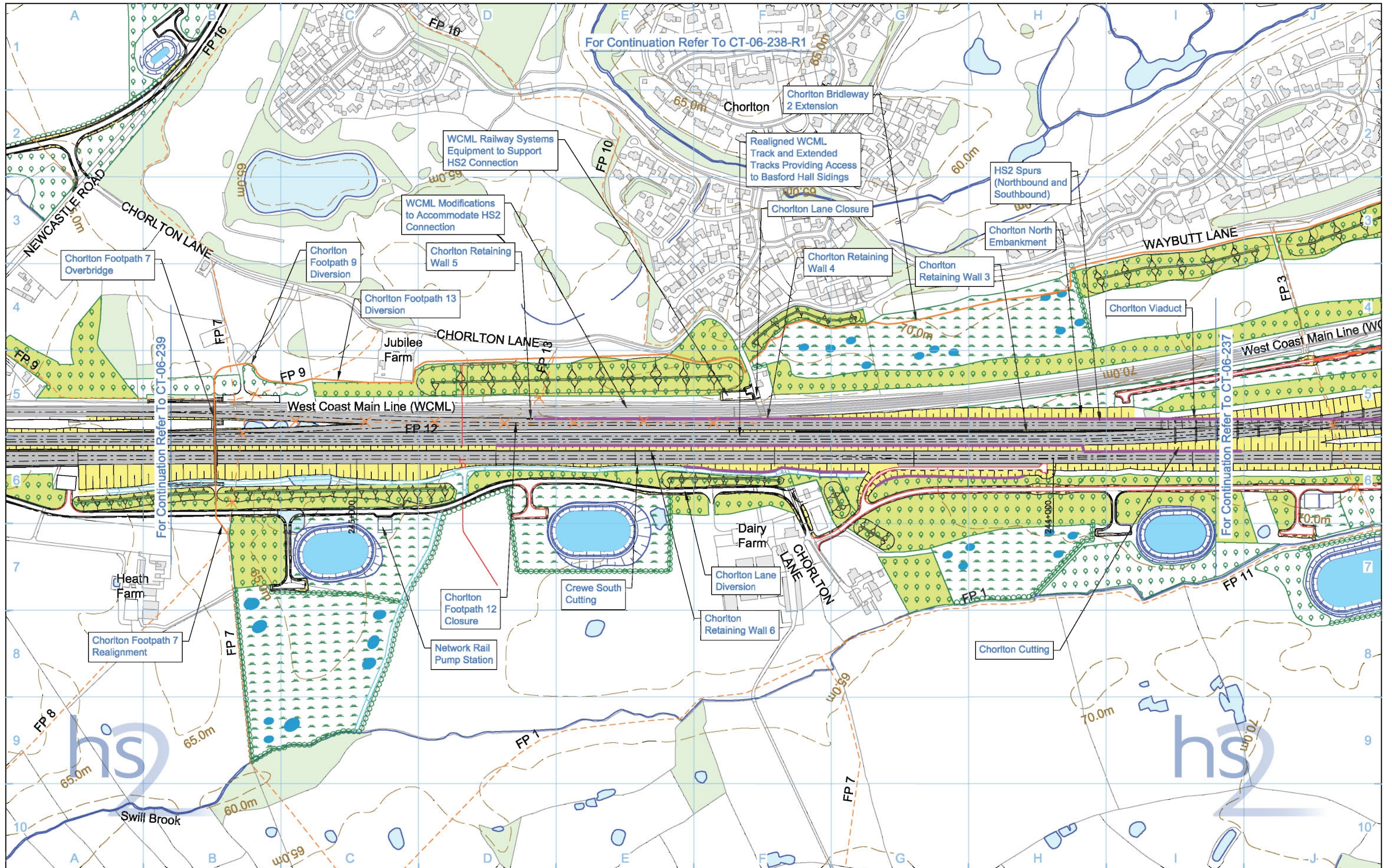
AP-005-108: Additional land for a new temporary Scottish Power Energy Networks power line to Waybutt Lane satellite compound

AP-005-112: Additional land for the permanent diversion of BT Openreach overhead telecommunications cable along Newcastle Road

AP-005-110: Additional land for the permanent diversion of Severn Trent Water 27-inch water main along Chorlton Lane

AP-005-111: Additional land for the permanent diversion of BT Openreach overhead and underground telecommunications cable along Chorlton Lane

Legend 				Map Number CT-05-238 Map Name Construction Phase SES and AP ES Community Area CA5 South Cheshire	 HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way. Registered in England. Registration number 06791686 Registered office: 2 Snow Hill, Queenway, Birmingham, B4 6QA Scale at A3: 1:5,000 0 50 100 150 200 250 Metres © Crown copyright and database rights 2017. Ordnance Survey Licence Number 100049190. Doc Number: 2PT01-ARP-EV-DPL-000-055238 P04 Date: 01/03/18
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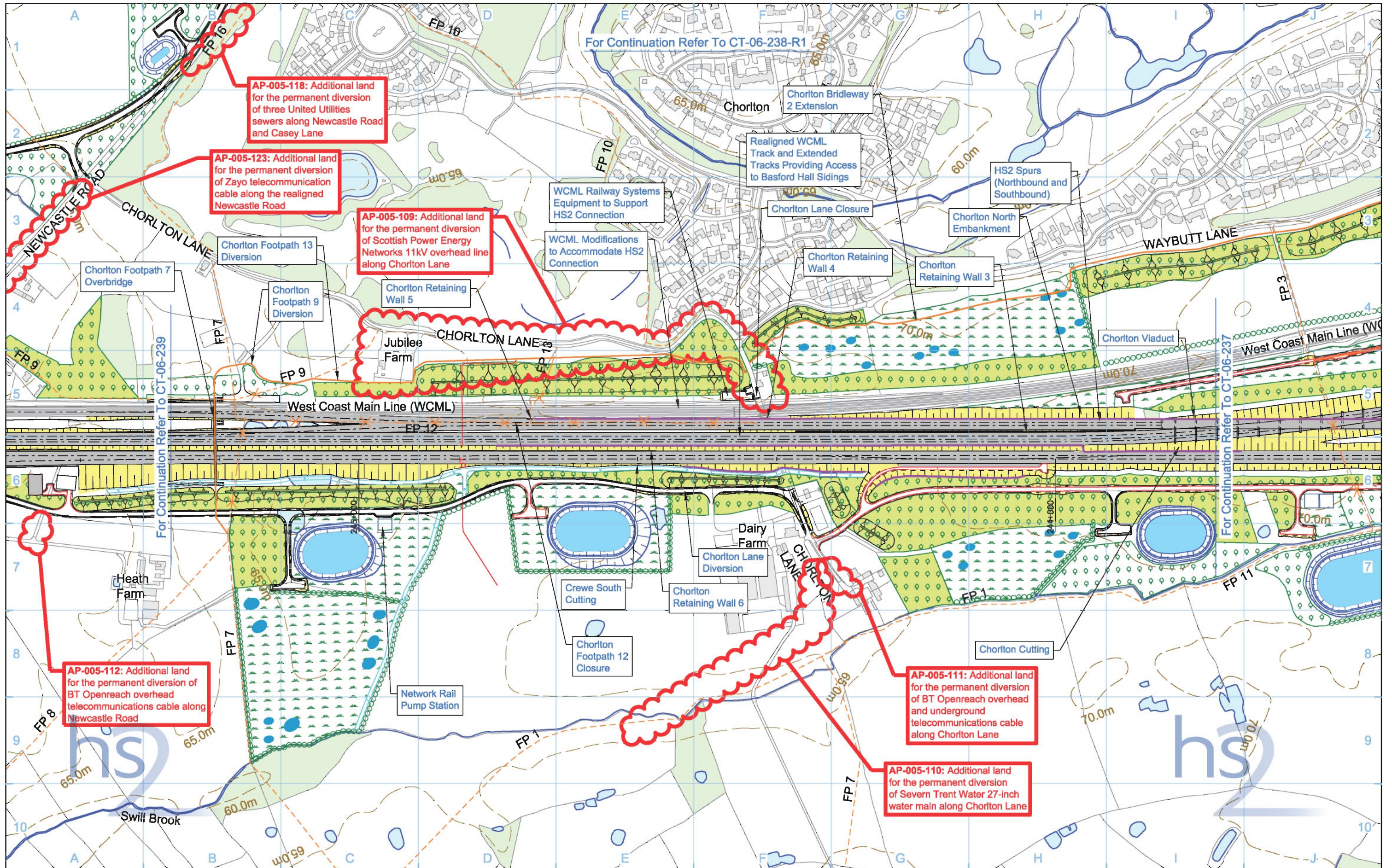


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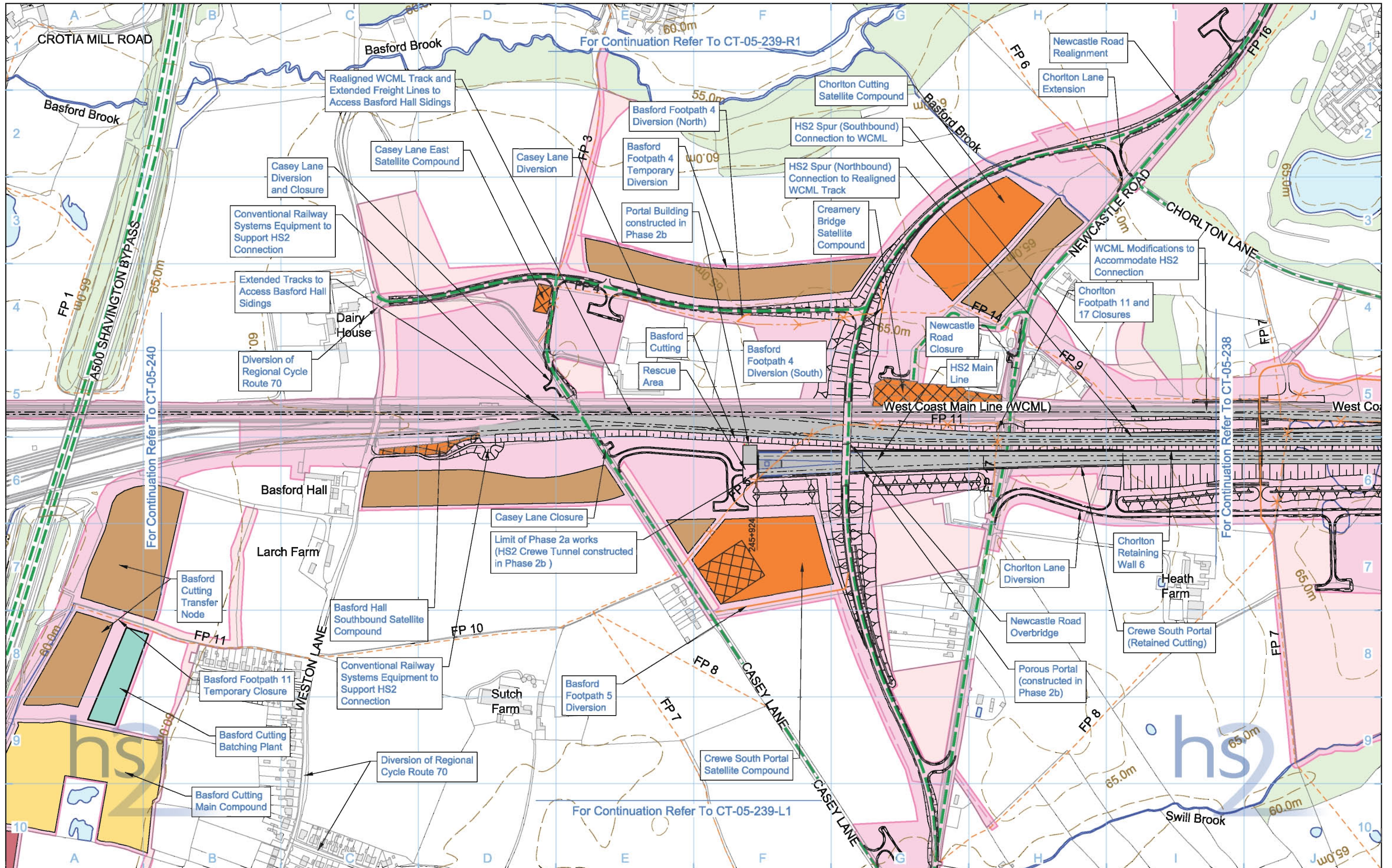
For Continuation Refer To CT-06-239

For Continuation Refer To CT-06-237

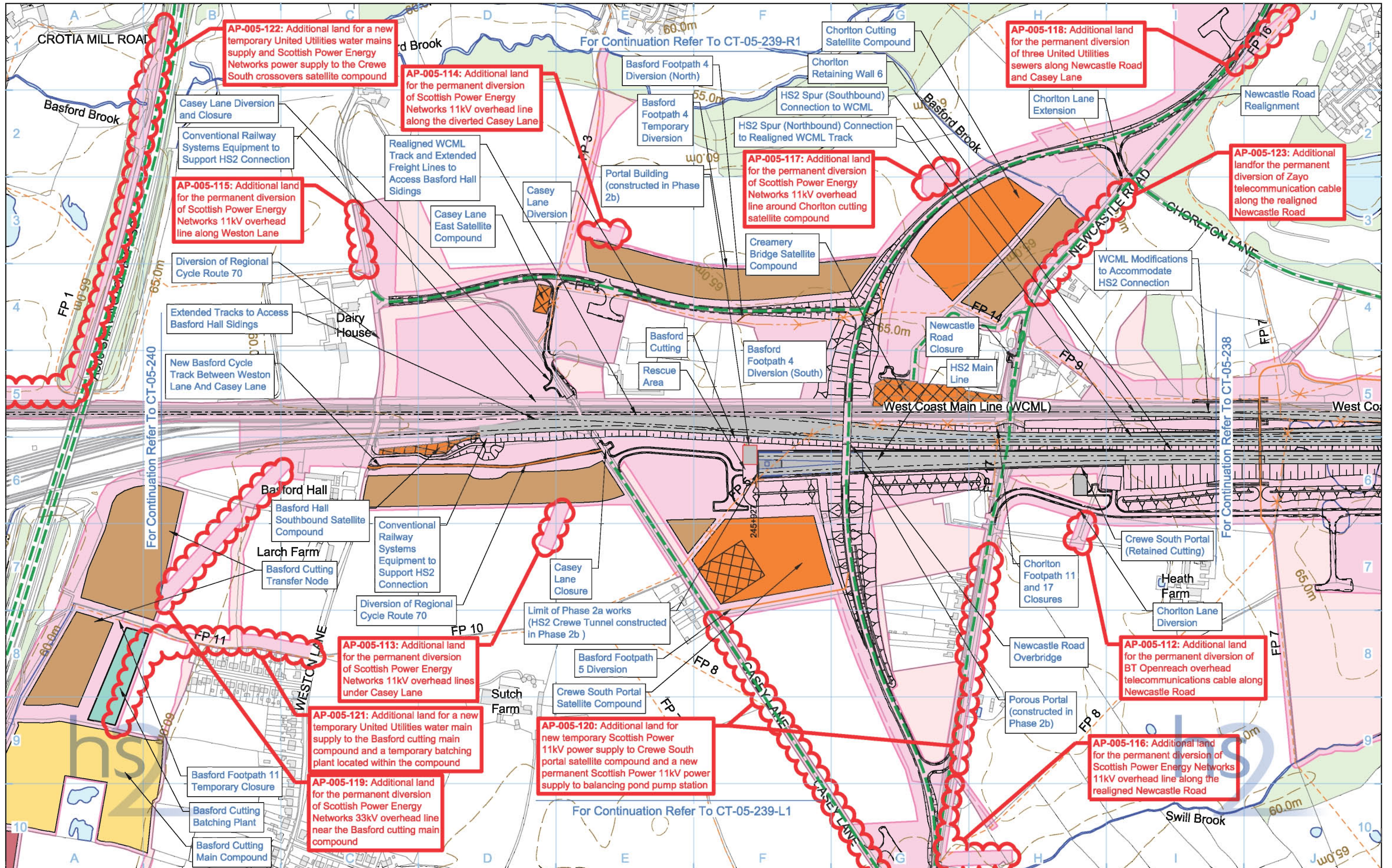
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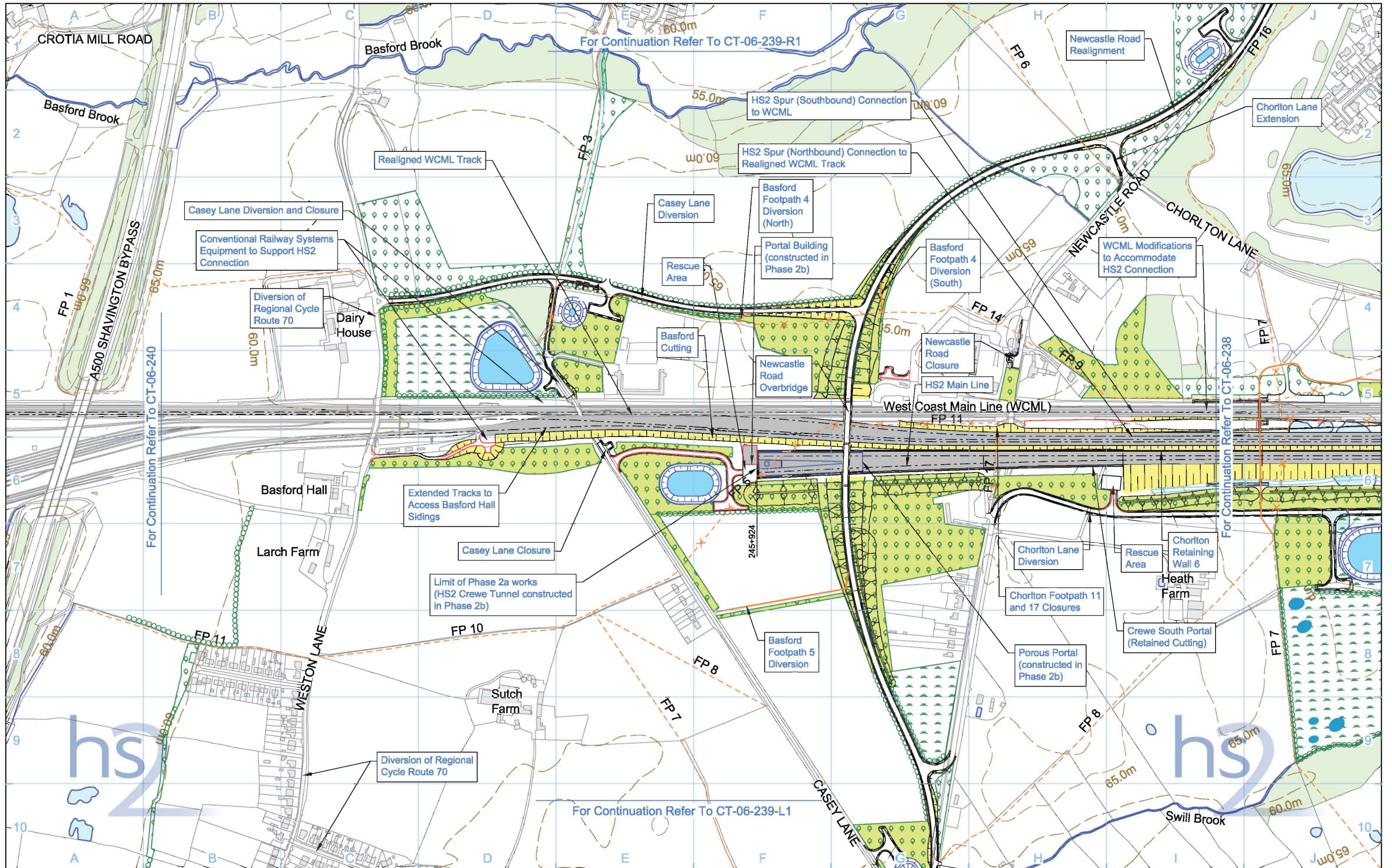
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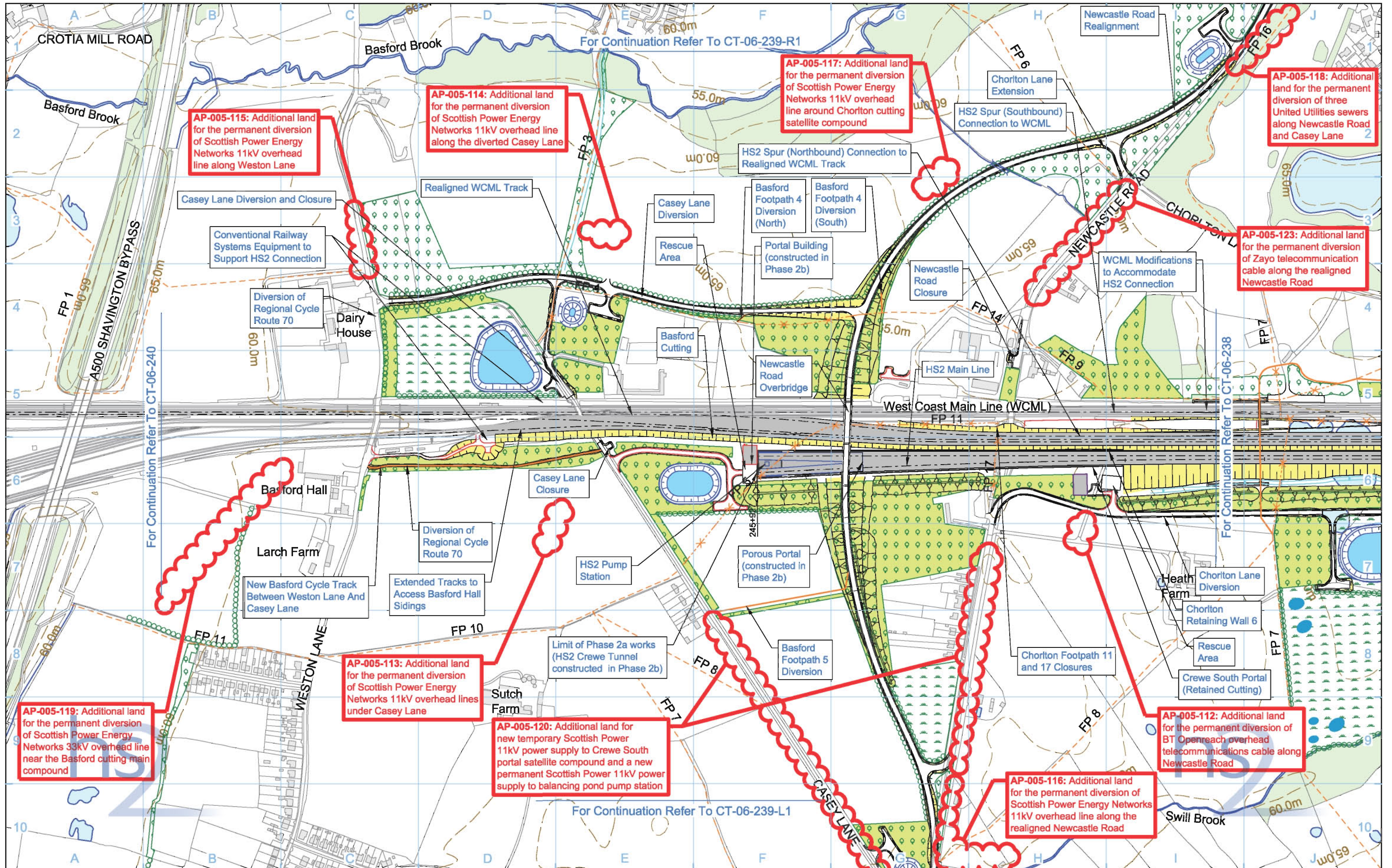
Legend <ul style="list-style-type: none"> Depot, station, headhouse or portal building Tunnel portal Main construction compound Satellite construction compound Railway systems compound Temporary material stockpile 		<ul style="list-style-type: none"> Borrow Pit Storage / prefabrication / laydown areas Land potentially required during construction Extent of land potentially required during construction for mitigation planting Temporary replacement community facility 		<ul style="list-style-type: none"> Community Area boundary Tunnels external extent Construction traffic route Existing public right of way (PRoW) New, diverted or realigned PRoW Stopped-up PRoW Temporary PRoW diversion / realignment 		<ul style="list-style-type: none"> Landscape earthworks Engineering earthworks Temporary highway diversion / realignment Main utility works Rail alignment Chainage (e.g. 10+000) 		<ul style="list-style-type: none"> Existing woodland Existing buildings Existing inland water Existing watercourse Existing contours Rail alignment formation Temporary workers accommodation 	
Map Number CT-05-239		Map Name Construction Phase		Community Area CA5 South Cheshire				HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.	
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Legend <ul style="list-style-type: none"> Depot, station, headhouse or portal building Tunnel portal Main construction compound Satellite construction compound Railway systems compound Temporary material stockpile 		<ul style="list-style-type: none"> Borrow Pit Storage / prefabrication / laydown areas Land potentially required during construction Extent of land potentially required during construction for mitigation planting Temporary replacement community facility 		<ul style="list-style-type: none"> Community Area boundary Tunnels external extent Construction traffic route Existing Public Right of Way (PRoW) New, diverted or realigned PRoW Stopped-up PRoW Temporary PRoW diversion / realignment 		<ul style="list-style-type: none"> Landscape earthworks Engineering earthworks Temporary highway diversion / realignment Main utility works Rail alignment Chainage (e.g. 10+000) 		<ul style="list-style-type: none"> Existing woodland Existing buildings Existing inland water Existing watercourse Existing contours Rail alignment formation Temporary workers accommodation 	
Map Number CT-05-239		Map Name Construction Phase SES and AP ES		Community Area CA5 South Cheshire				HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.	
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Legend Depot, station, headhouse or portal building Tunnel portal Electricity substation Land drainage area Ecological mitigation pond Balancing pond		Replacement floodplain storage Woodland habitat creation Wetland habitat creation Grassland habitat creation Landscape mitigation planting (scrub / woodland) Grassed areas Sustainable placement		Public realm/Replacement community facility Engineering earthworks Landscape earthworks Rail alignment formation Returned to suitable development use County boundary Borough / District boundary		Community Area boundary Watercourse diversion Existing watercourse Ditches - new Hedgerow habitat creation Main utility works Existing public right of way (PRoW) New, diverted or realigned PRoW Stopped-up PRoW Tunnels external extent		Existing woodland Existing buildings Existing inland water Existing contours HS2 access road Noise fence barrier Rail alignment Chainage (e.g. 10+000)		Map Number CT-06-239 Map Name Proposed Scheme Community Area CA5 South Cheshire	 HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way. Registered in England, Registration number 06791686 Registered office: 2 Snow Hill, Queenway, Birmingham, B4 6QA Scale at A3: 1:5,000 0 50 100 150 200 250 Metres © Crown copyright and database rights 2017. Ordnance Survey Licence Number 100049190. Doc Number: C861-ARP-EV-DPL-000-056239 P07 Date: 08/06/17
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- Legend**
- Depot, station, headhouse or portal building
 - Tunnel portal
 - Electricity substation
 - Land drainage area
 - Ecological mitigation pond
 - Balancing pond

- Replacement floodplain storage
- Woodland habitat creation
- Wetland habitat creation
- Grassland habitat creation
- Landscape mitigation planting (scrub / woodland)
- Grassed areas
- Sustainable placement

- Public realm/Replacement community facility
- Engineering earthworks
- Landscape earthworks
- Rail alignment formation
- Returned to suitable development use
- County boundary
- Borough / District boundary

- Community Area boundary
- Watercourse diversion
- Existing watercourse
- Ditches - new
- Hedgerow habitat creation
- Main utility works
- Existing Public Right of Way (PRoW)
- New, diverted or realigned PRoW
- Stopped-up PRoW
- Tunnels external extent

- Existing woodland
- Existing buildings
- Existing inland water
- Existing contours
- HS2 access road
- Noise fence barrier
- Rail alignment
- Chainage (e.g. 10+000)

Map Number: CT-06-239
 Map Name: Proposed Scheme SES and AP ES
 Community Area: CA5 South Cheshire

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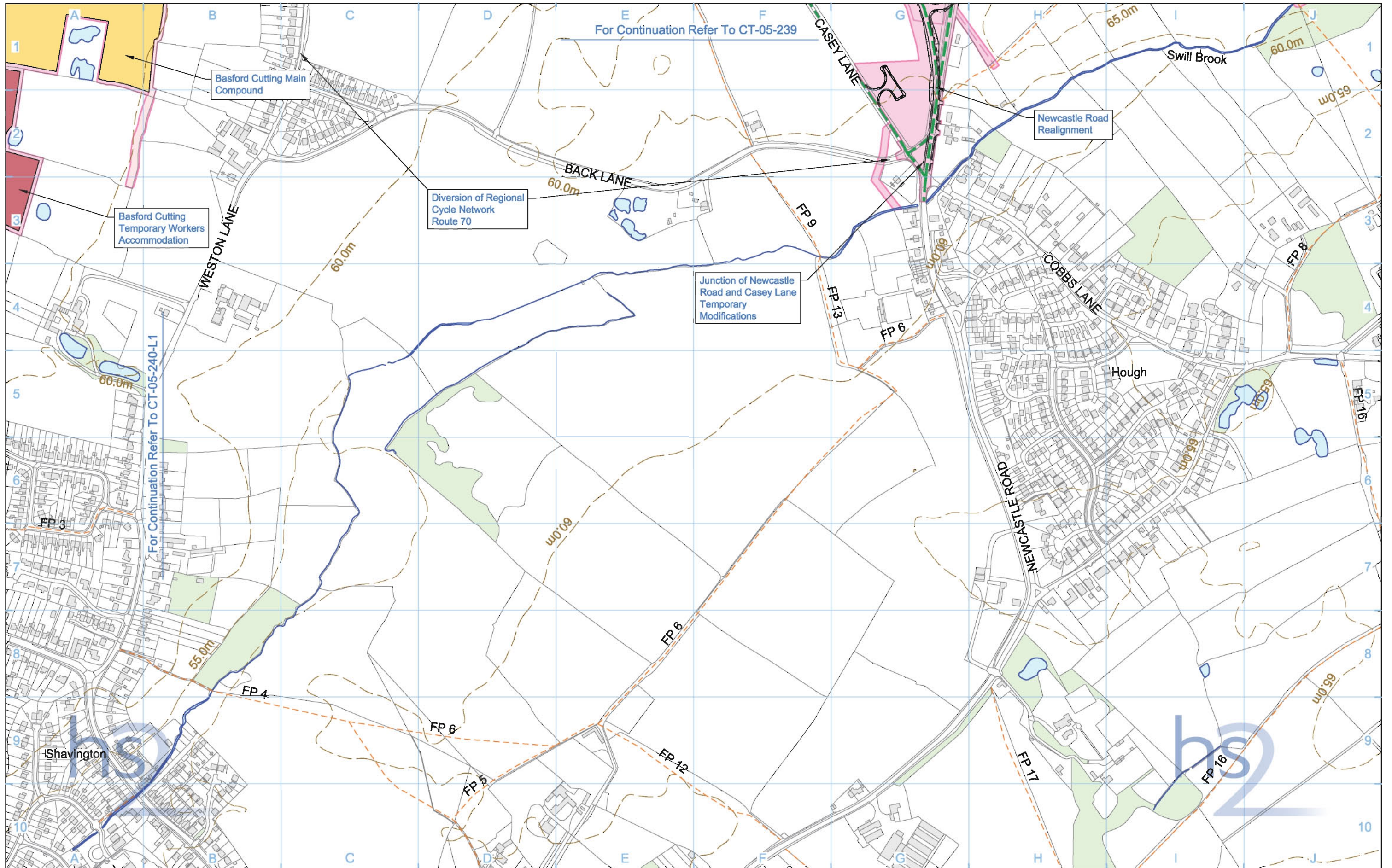
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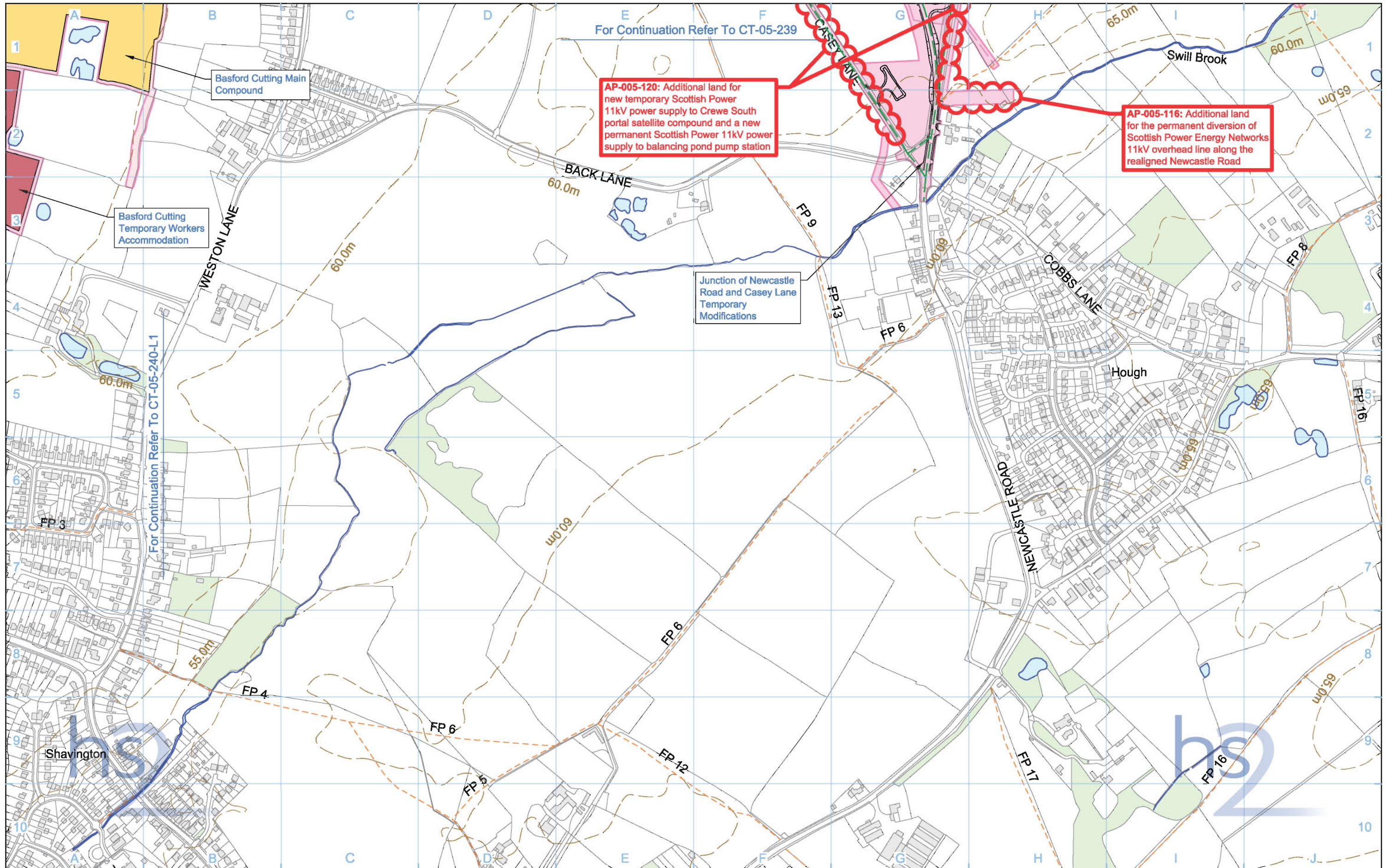
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For Continuation Refer To CT-05-240-L1

Legend 									
Map Number CT-05-239-L1			Map Name Construction Phase					<small>HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</small>	
Community Area CA5 South Cheshire			<small>Registered in England. Registration number 08791688 Registered office: 2 Snow Hill, Queenway, Birmingham, B4 6GA</small>			<small>Scale at A3: 1:5,000</small> 		<small>© Crown copyright and database rights 2017. Ordnance Survey Licence Number 100049190.</small>	
			Doc Number: C861-ARP-EV-DPL-000-055339			P05		Date: 08/06/17	



For Continuation Refer To CT-05-239

AP-005-120: Additional land for new temporary Scottish Power 11kV power supply to Crewe South portal satellite compound and a new permanent Scottish Power 11kV power supply to balancing pond pump station

AP-005-116: Additional land for the permanent diversion of Scottish Power Energy Networks 11kV overhead line along the realigned Newcastle Road

Basford Cutting Main Compound

Basford Cutting Temporary Workers Accommodation

Junction of Newcastle Road and Casey Lane Temporary Modifications

For Continuation Refer To CT-05-240-L1

Legend 									

Map Number: **CT-05-239-L1**

Map Name: **Construction Phase SES and AP ES**

Community Area: CA5 South Cheshire

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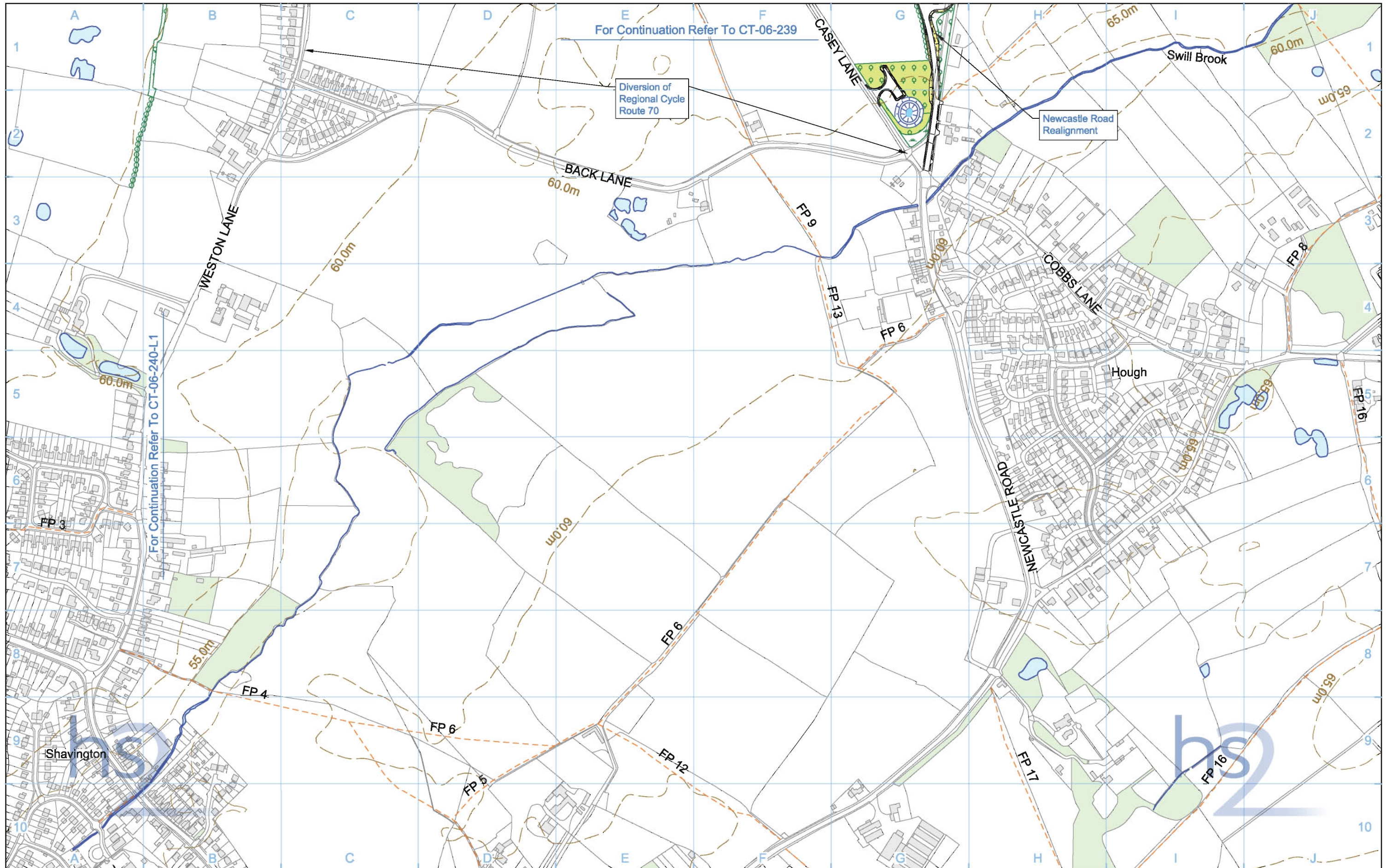
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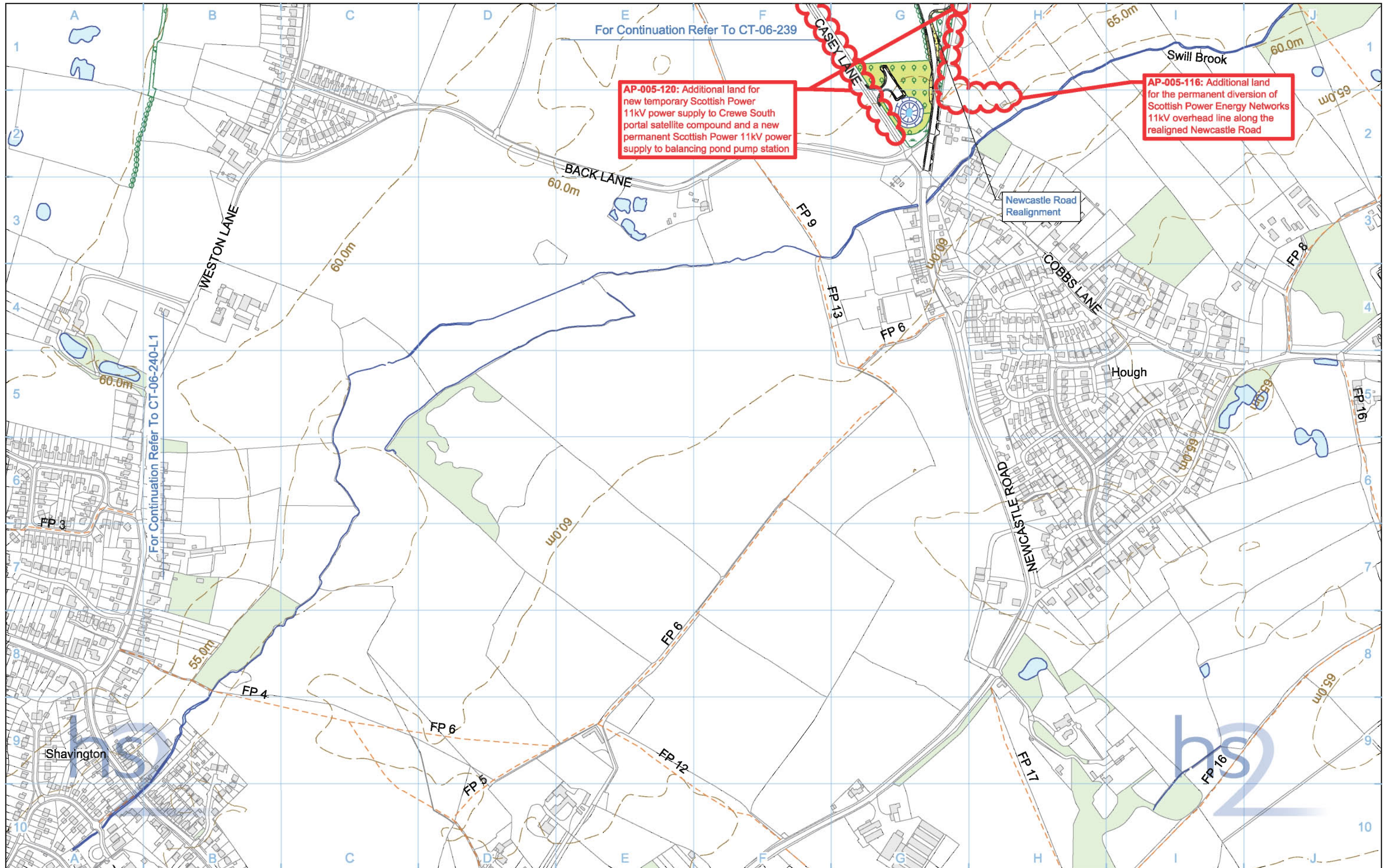
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AP-005-120: Additional land for new temporary Scottish Power 11kV power supply to Crewe South portal satellite compound and a new permanent Scottish Power 11kV power supply to balancing pond pump station

AP-005-116: Additional land for the permanent diversion of Scottish Power Energy Networks 11kV overhead line along the realigned Newcastle Road

Legend	
	Depot, station, headhouse or portal building
	Tunnel portal
	Electricity substation
	Land drainage area
	Ecological mitigation pond
	Balancing pond
	Replacement floodplain storage
	Woodland habitat creation
	Wetland habitat creation
	Grassland habitat creation
	Landscape mitigation planting (scrub / woodland)
	Grassed areas
	Sustainable placement
	Public realm/Replacement community facility
	Engineering earthworks
	Landscape earthworks
	Rail alignment formation
	Returned to suitable development use
	County boundary
	Borough / District boundary
	Community Area boundary
	Watercourse diversion
	Existing watercourse
	Ditches - new
	Hedgerow habitat creation
	Main utility works
	Existing Public Right of Way (PRoW)
	New, diverted or realigned PRoW
	Stopped-up PRoW
	Tunnels external extent
	Existing woodland
	Existing buildings
	Existing inland water
	Existing contours
	HS2 access road
	Noise fence barrier
	Rail alignment
	Chainage (e.g. 10+000)

Map Number: **CT-06-239-L1**

Map Name: **Proposed Scheme SES and AP ES**

Community Area: **CA5 South Cheshire**

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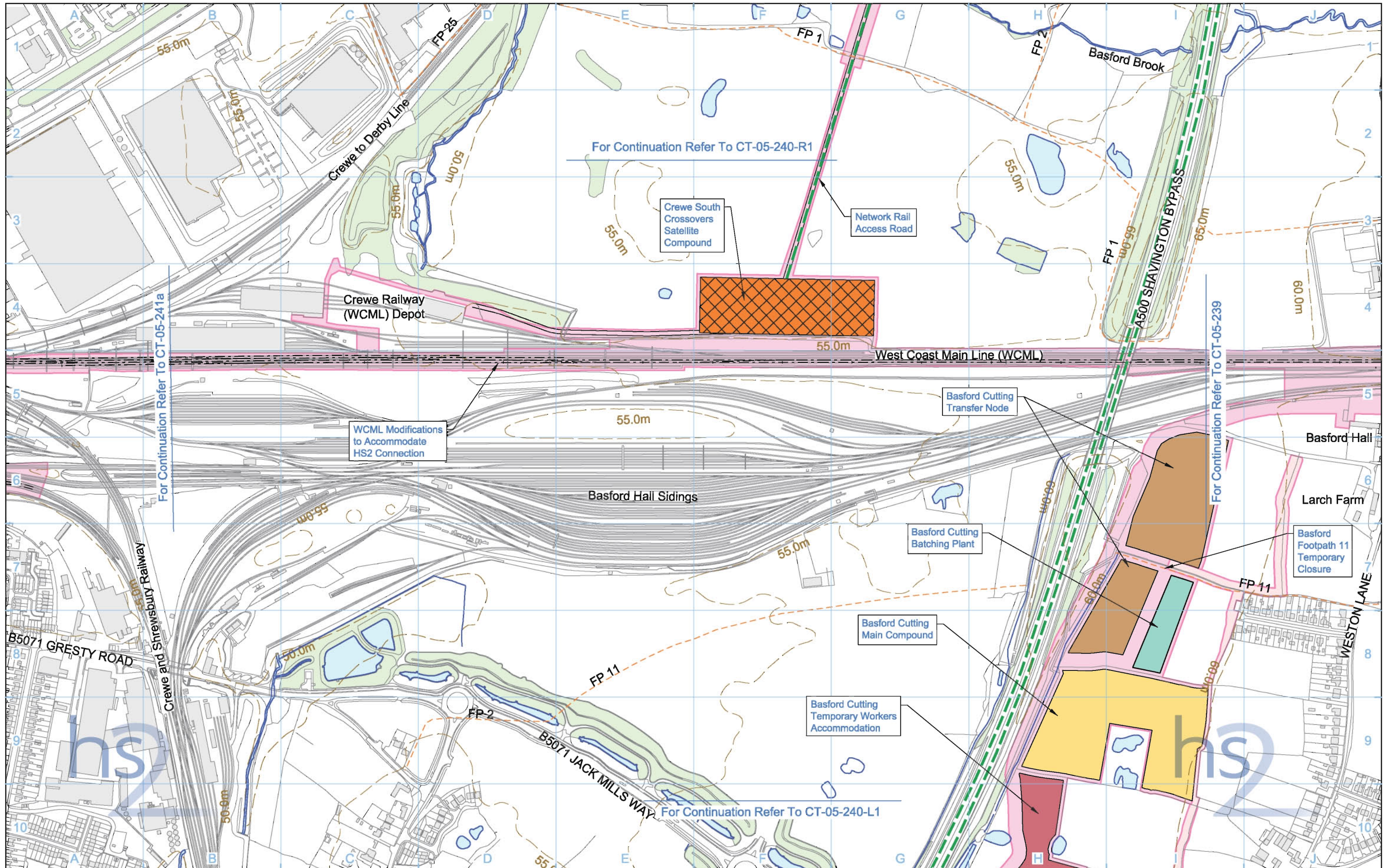
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Legend	
	Depot, station, headhouse or portal building
	Tunnel portal
	Main construction compound
	Satellite construction compound
	Railway systems compound
	Temporary material stockpile
	Borrow Pit
	Storage / prefabrication / laydown areas
	Land potentially required during construction
	Extent of land potentially required during construction for mitigation planting
	Temporary replacement community facility
	Community Area boundary
	Tunnels external extent
	Construction traffic route
	Existing public right of way (PRoW)
	New, diverted or realigned PRoW
	Stopped-up PRoW
	Temporary PRoW diversion / realignment
	Landscape earthworks
	Engineering earthworks
	Temporary highway diversion / realignment
	Main utility works
	Rail alignment
	Chainage (e.g. 10+000)
	Existing woodland
	Existing buildings
	Existing inland water
	Existing watercourse
	Existing contours
	Rail alignment formation
	Temporary workers accommodation

Map Number	CT-05-240
Map Name	Construction Phase
Community Area	CA5 South Cheshire

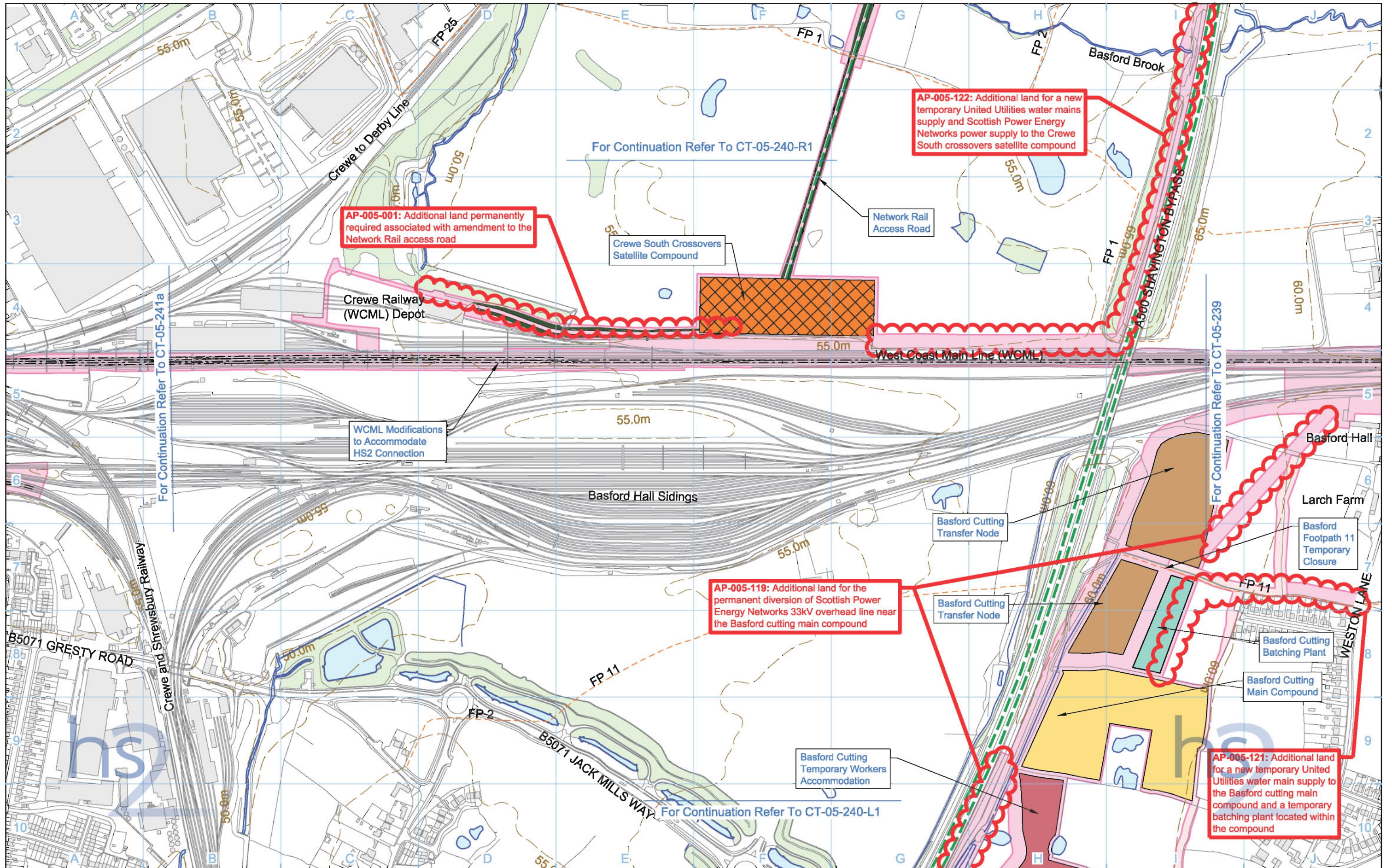
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AP-005-001: Additional land permanently required associated with amendment to the Network Rail access road

AP-005-122: Additional land for a new temporary United Utilities water mains supply and Scottish Power Energy Networks power supply to the Crewe South crossovers satellite compound

AP-005-119: Additional land for the permanent diversion of Scottish Power Energy Networks 33kV overhead line near the Basford cutting main compound

AP-005-121: Additional land for a new temporary United Utilities water main supply to the Basford cutting main compound and a temporary batching plant located within the compound

- Legend**
- Depot, station, headhouse or portal building
 - Tunnel portal
 - Main construction compound
 - Satellite construction compound
 - Railway systems compound
 - Temporary material stockpile
 - Borrow Pit
 - Storage / prefabrication / laydown areas
 - Land potentially required during construction
 - Extent of land potentially required during construction for mitigation planting
 - Temporary replacement community facility

- Community Area boundary
- Tunnels external extent
- Construction traffic route
- Existing Public Right of Way (PRoW)
- New, diverted or realigned PRoW
- Stopped-up PRoW
- Temporary PRoW diversion / realignment

- Landscape earthworks
- Engineering earthworks
- Temporary highway diversion / realignment
- Main utility works
- Rail alignment
- Chainage (e.g. 10+000)

- Existing woodland
- Existing buildings
- Existing inland water
- Existing watercourse
- Existing contours
- Rail alignment formation
- Temporary workers accommodation

Map Number: **CT-05-240**

Map Name: **Construction Phase SES and AP ES**

Community Area: CA5 South Cheshire

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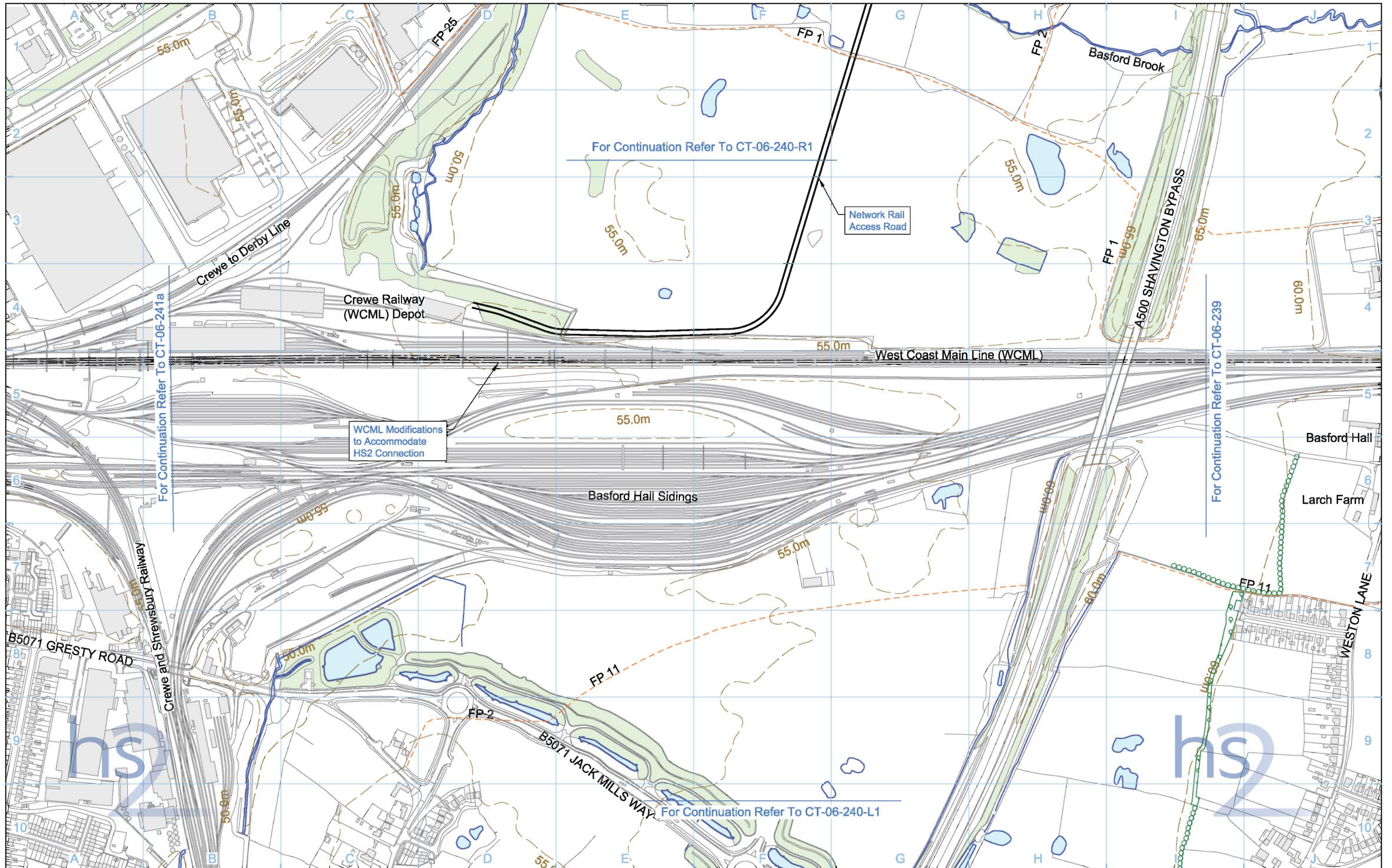
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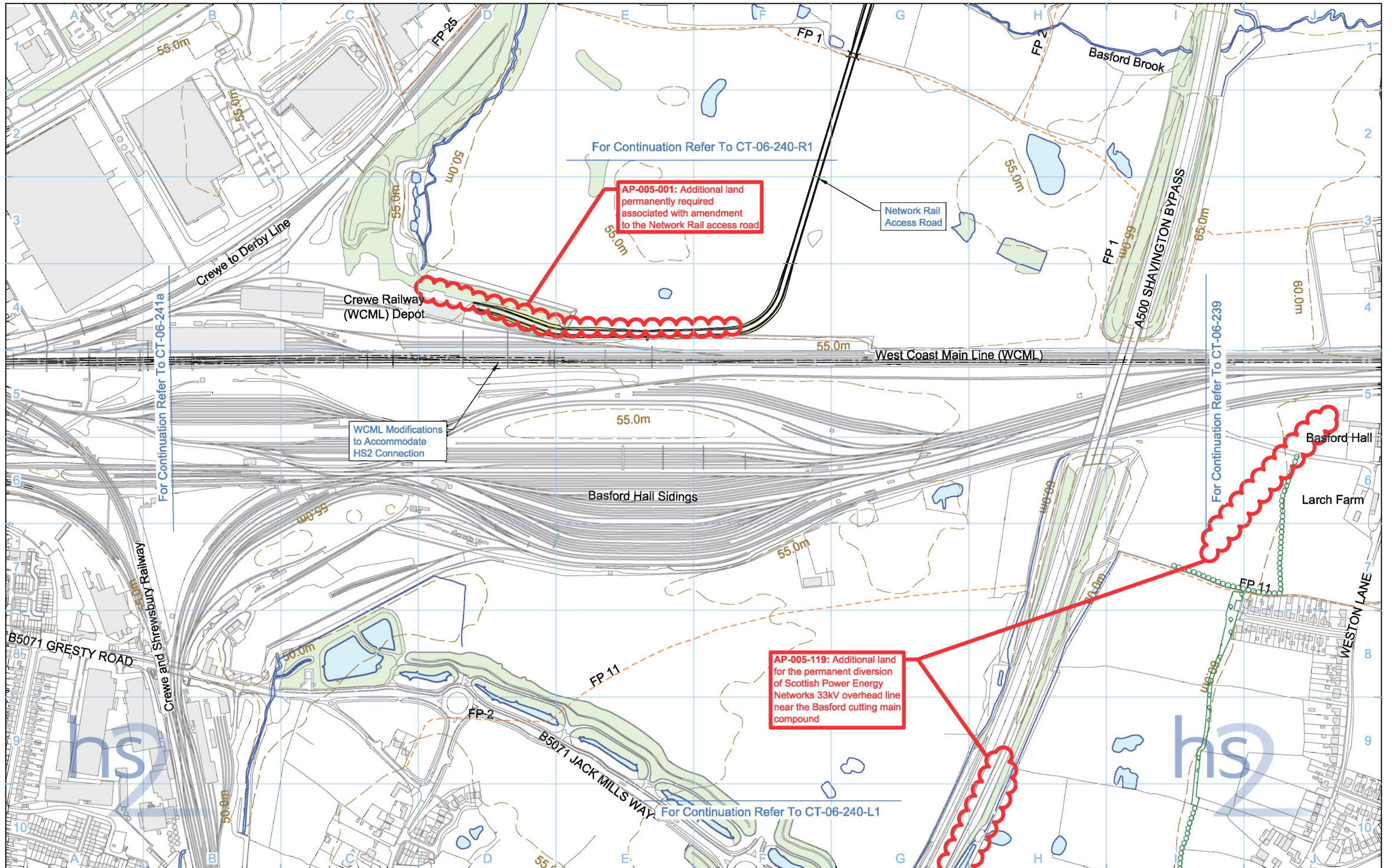
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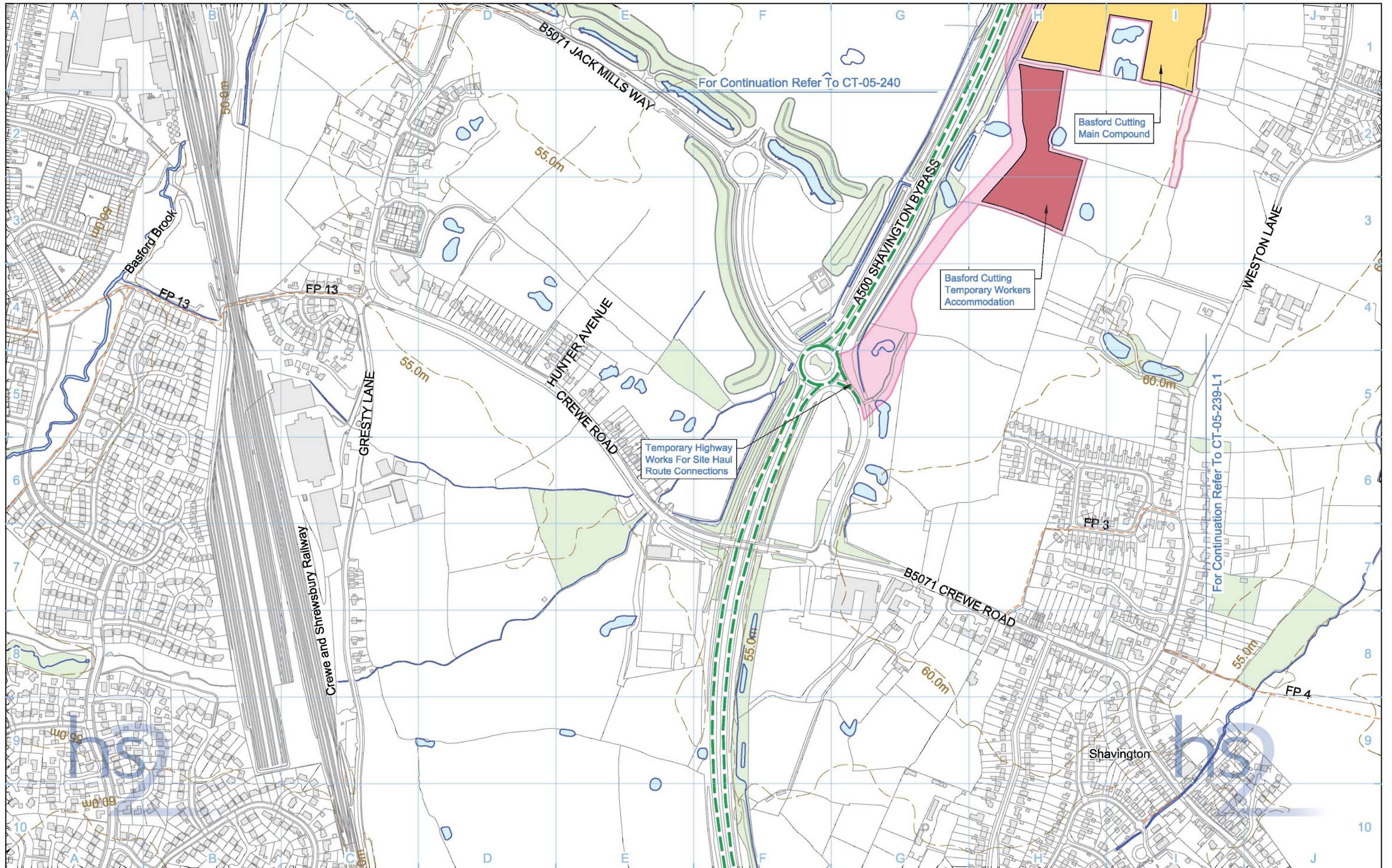
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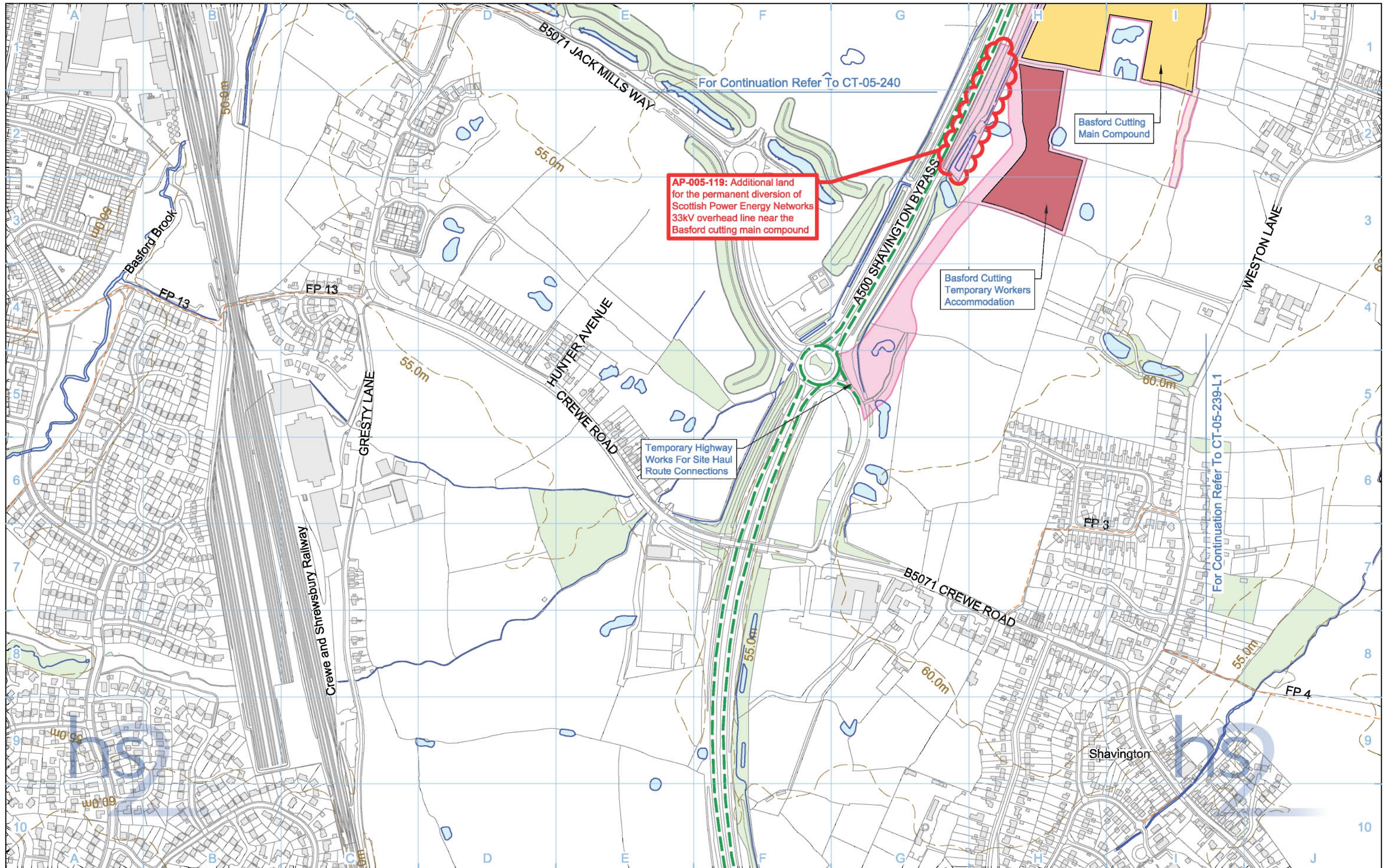
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Legend 		Map Number CT-06-240 Map Name Proposed Scheme SES and AP ES Community Area CA5 South Cheshire	 HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way. Registered in England. Registration number 06791688 Registered office: 2 Snow Hill, Queenway, Birmingham, B4 6QA Scale at A3: 1:5,000 © Crown copyright and database rights 2017. Ordnance Survey Licence Number 100049190. Doc Number: 2PT01-ARP-EV-DPL-000-056240 P04 Date: 16/02/18
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Map Number CT-05-240-L1		Map Name Construction Phase		Community Area CA5 South Cheshire				Scale at A3: 1:5,000 	
Doc Number: C861-ARP-EV-DPL-000-055540		P04		Date: 13/06/17		<small>HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</small>			



Legend 									

Map Number: **CT-05-240-L1**

Map Name: **Construction Phase SES and AP ES**

Community Area: CA5 South Cheshire

Scale at A3: 1:5,000

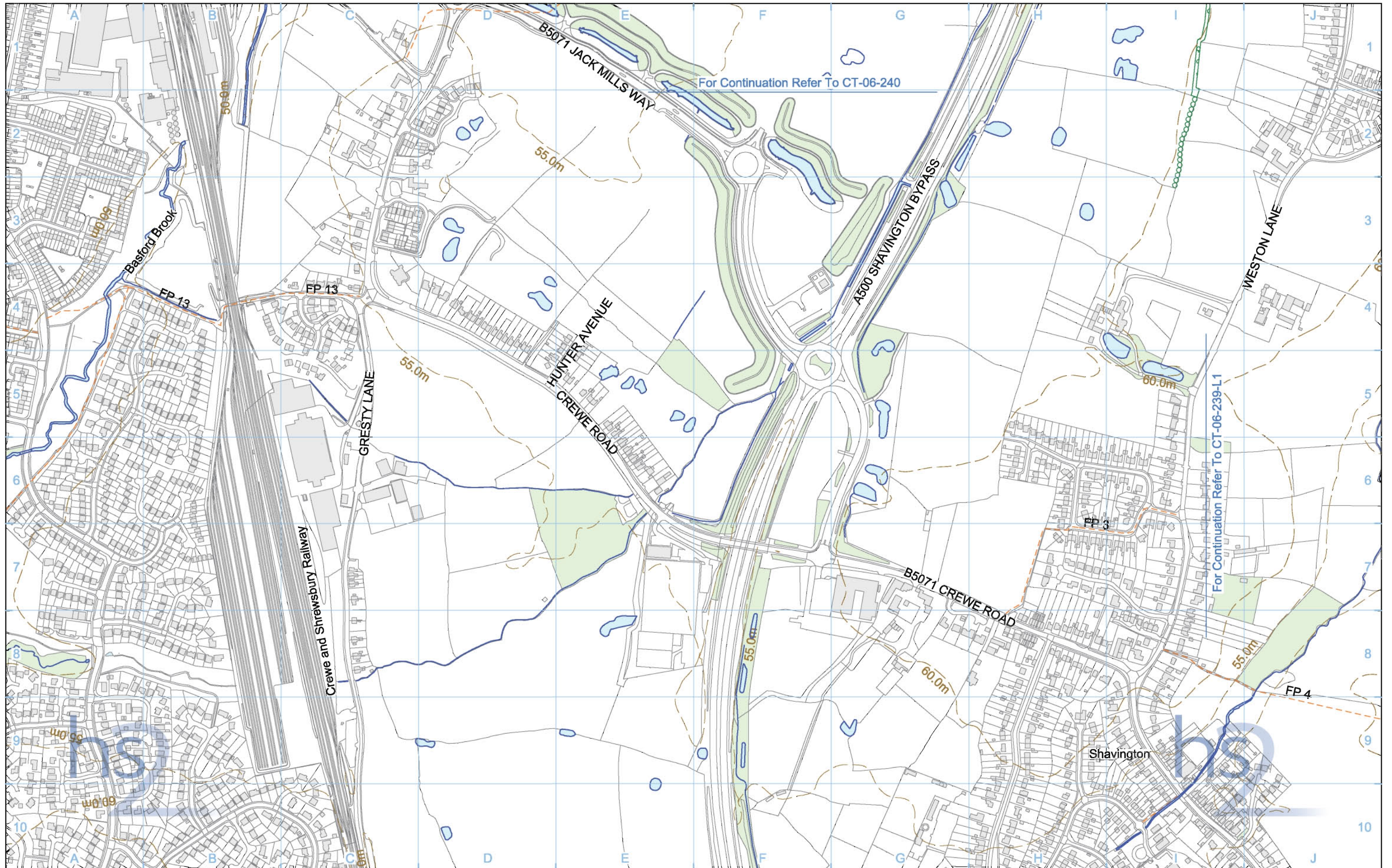
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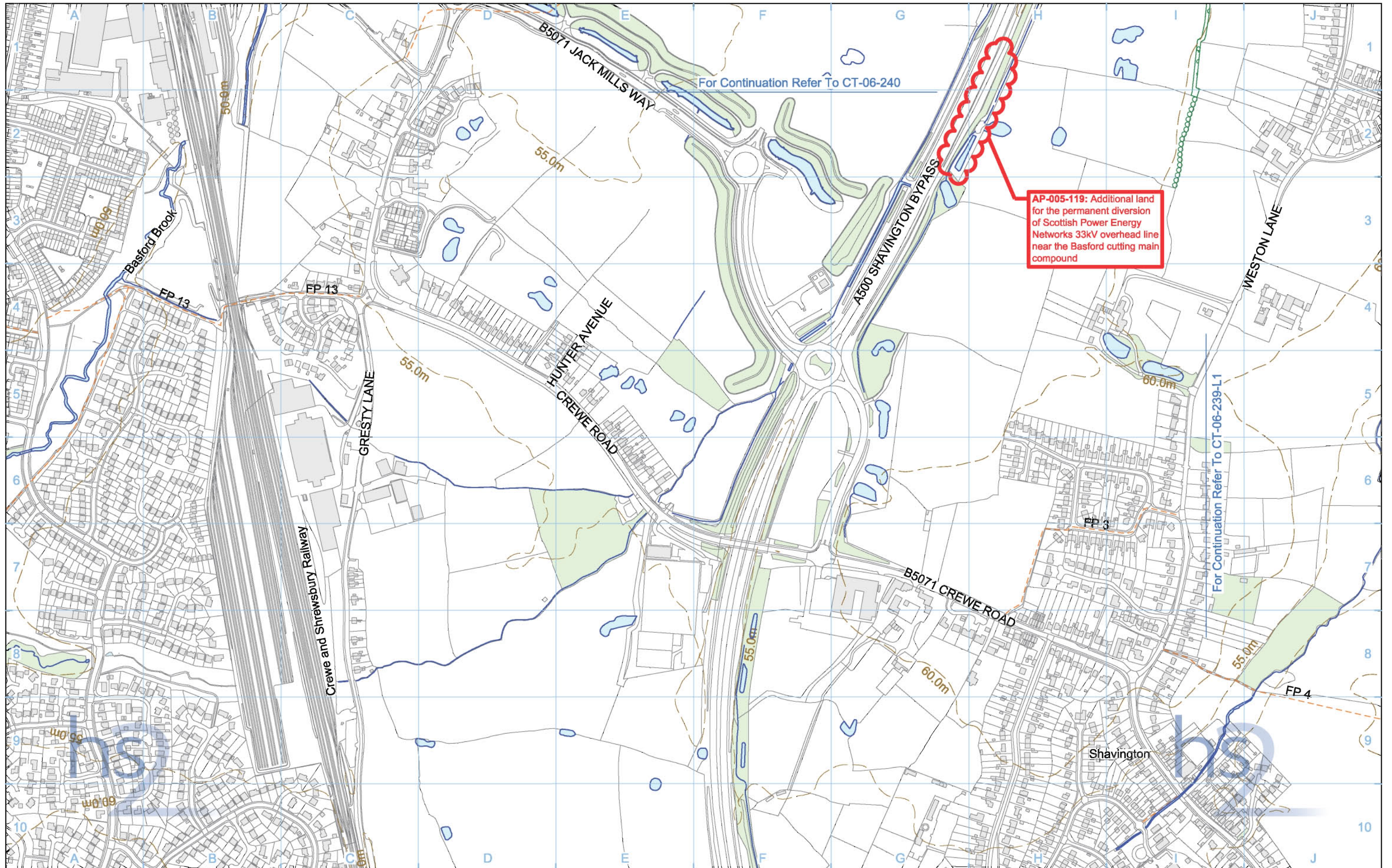
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Map Name Proposed Scheme		Community Area CA5 South Cheshire		
Community Area CA5 South Cheshire				



AP-005-119: Additional land for the permanent diversion of Scottish Power Energy Networks 33kV overhead line near the Basford cutting main compound

Legend	
	Depot, station, headhouse or portal building
	Tunnel portal
	Electricity substation
	Land drainage area
	Ecological mitigation pond
	Balancing pond
	Replacement floodplain storage
	Woodland habitat creation
	Wetland habitat creation
	Grassland habitat creation
	Landscape mitigation planting (scrub / woodland)
	Grassed areas
	Sustainable placement
	Public realm/Replacement community facility
	Engineering earthworks
	Landscape earthworks
	Rail alignment formation
	Returned to suitable development use
	County boundary
	Borough / District boundary
	Community Area boundary
	Watercourse diversion
	Existing watercourse
	Ditches - new
	Hedgerow habitat creation
	Main utility works
	Existing Public Right of Way (PRoW)
	New, diverted or realigned PRoW
	Stopped-up PRoW
	Tunnels external extent
	Existing woodland
	Existing buildings
	Existing inland water
	Existing contours
	HS2 access road
	Noise fence barrier
	Rail alignment
	Chainage (e.g. 10+000)

Map Number	CT-06-240-L1
Map Name	Proposed Scheme SES and AP ES
Community Area	CA5 South Cheshire

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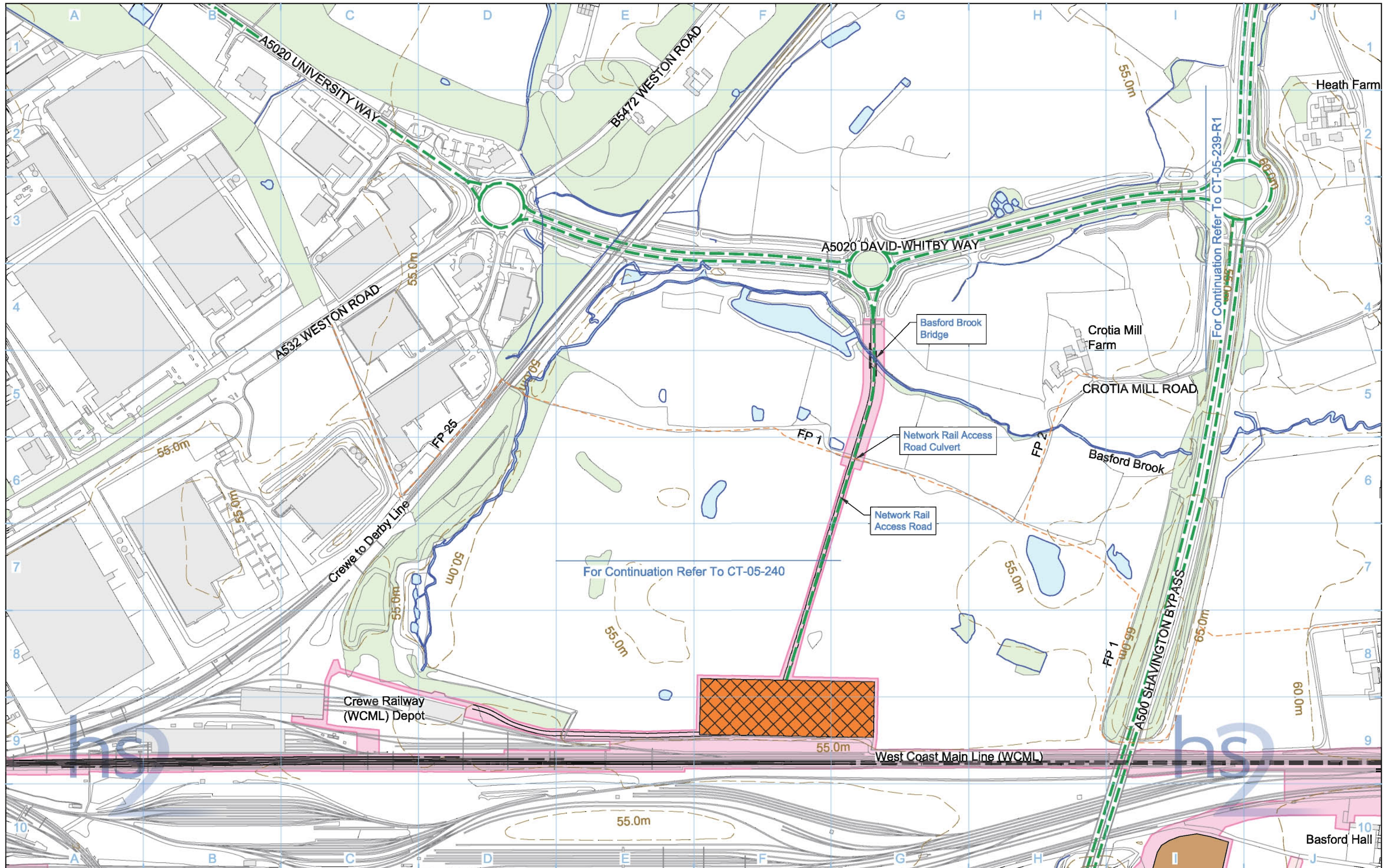
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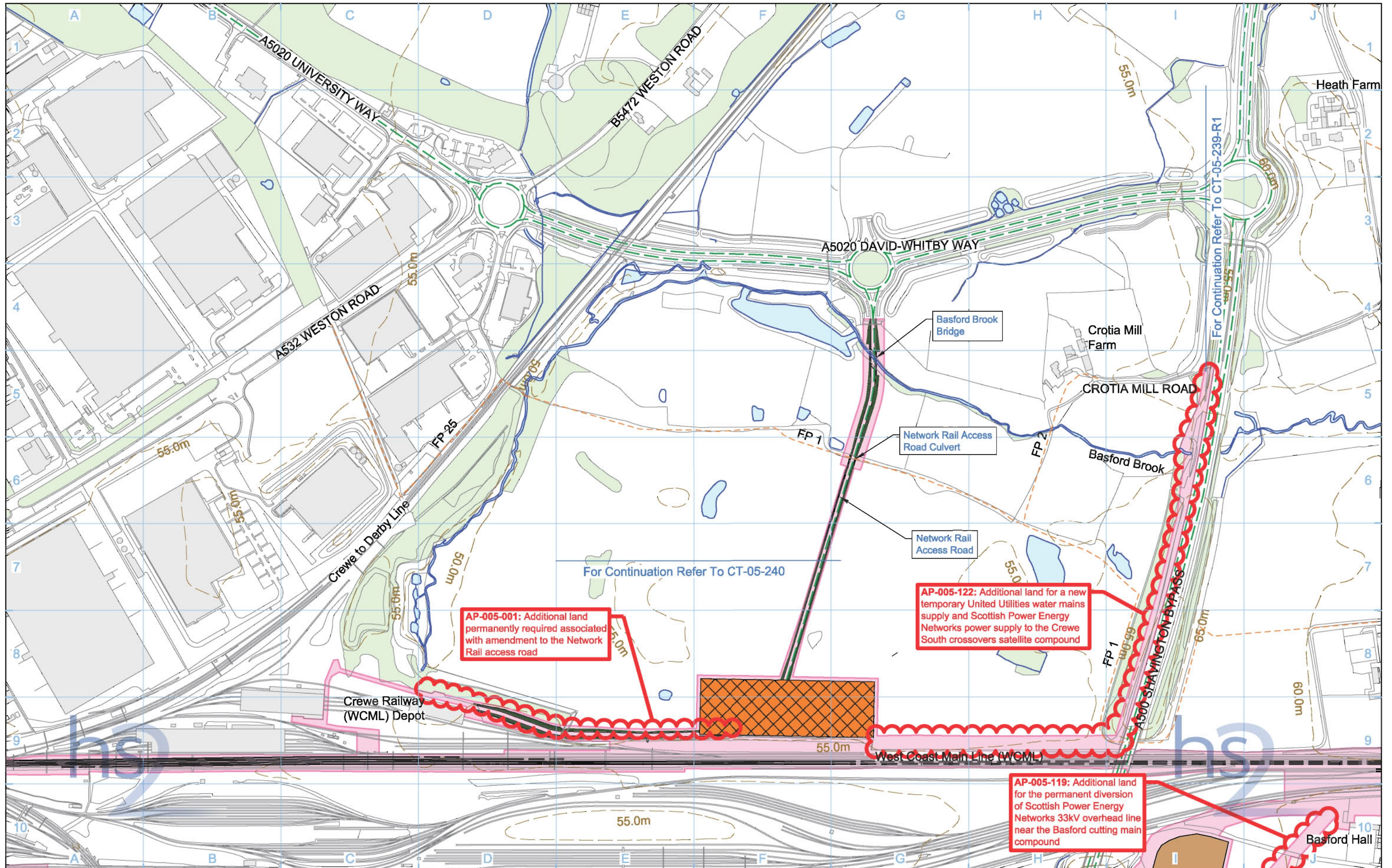
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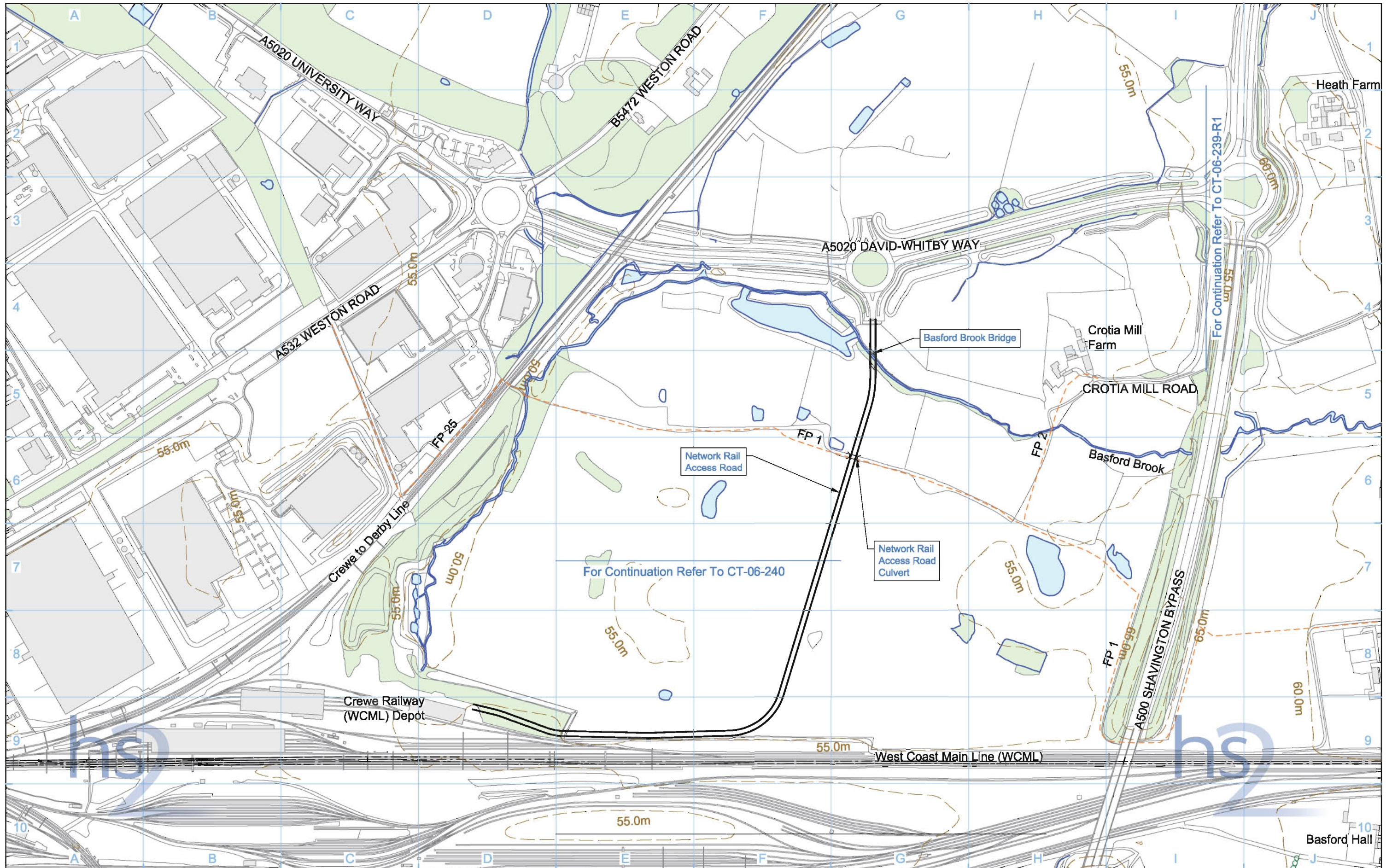
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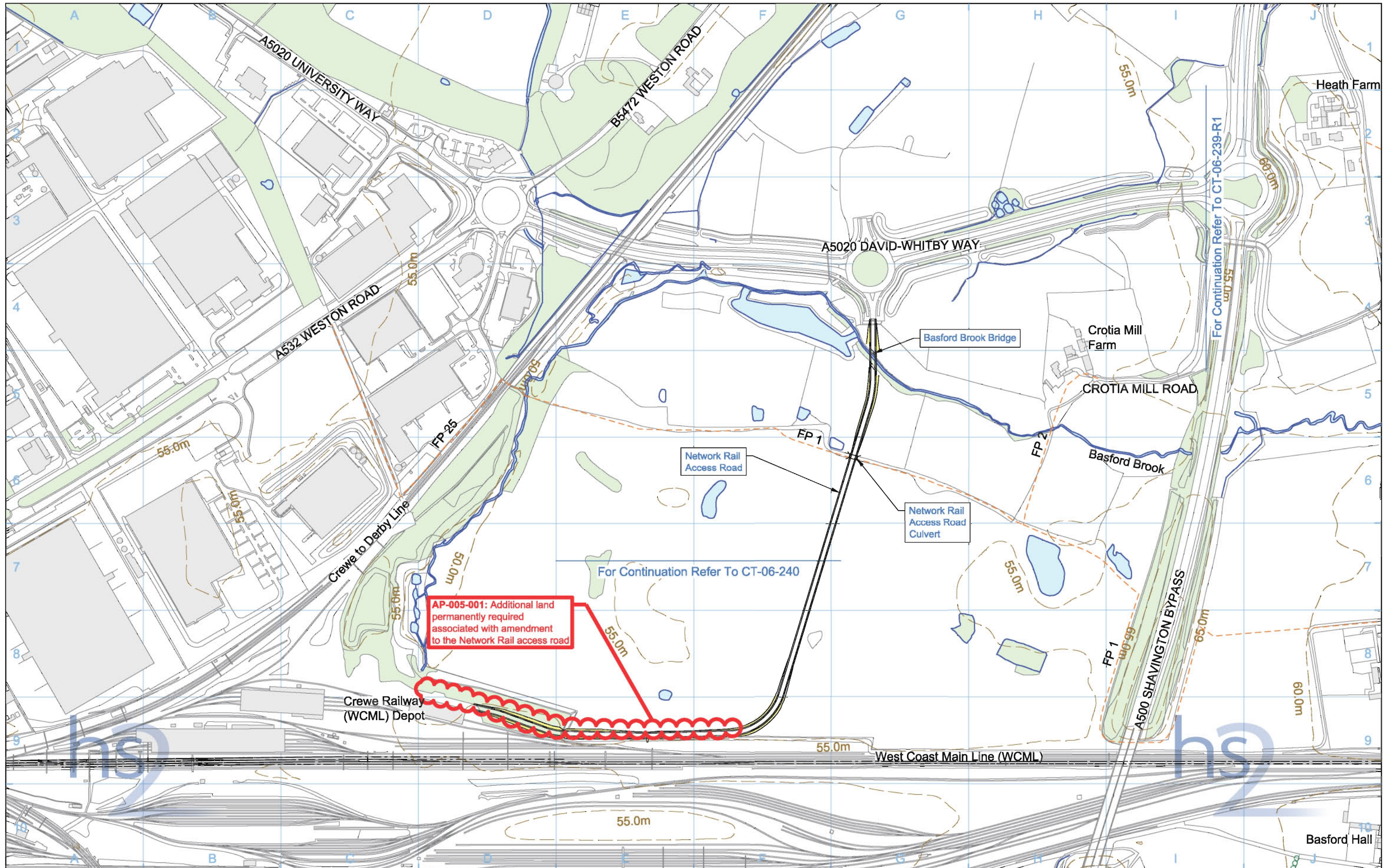
Legend 		Map Number CT-05-240-R1	 HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way. Registered in England. Registration number 06791686 Registered office: 2 Snow Hill, Queenway, Birmingham, B4 6GA Scale at A3: 1:5,000 0 50 100 150 200 250 Metres © Crown copyright and database rights 2017. Ordnance Survey Licence Number 100049190. Doc Number: C861-ARP-EV-DPL-000-055440 P04 Date: 14/06/17
Map Name Construction Phase		Community Area CA5 South Cheshire	



Legend <ul style="list-style-type: none"> Depot, station, headhouse or portal building Tunnel portal Main construction compound Satellite construction compound Railway systems compound Temporary material stockpile 		<ul style="list-style-type: none"> Borrow Pit Storage / prefabrication / laydown areas Land potentially required during construction Extent of land potentially required during construction for mitigation planting Temporary replacement community facility 		<ul style="list-style-type: none"> Community Area boundary Tunnels external extent Construction traffic route Existing Public Right of Way (PRoW) New, diverted or realigned PRoW Stopped-up PRoW Temporary PRoW diversion / realignment 		<ul style="list-style-type: none"> Landscape earthworks Engineering earthworks Temporary highway diversion / realignment Main utility works Rail alignment Chainage (e.g. 10+000) 		<ul style="list-style-type: none"> Existing woodland Existing buildings Existing inland water Existing watercourse Existing contours Rail alignment formation Temporary workers accommodation 	
Map Number CT-05-240-R1		Map Name Construction Phase SES and AP ES		Community Area CA5 South Cheshire				HST Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.	
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Legend 		Map Number CT-06-240-R1 Map Name Proposed Scheme Community Area CA5 South Cheshire	 HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way. Registered in England. Registration number 06791686 Registered office: 2 Snow Hill, Queenway, Birmingham, B4 6QA Scale at A3: 1:5,000 0 50 100 150 200 250 Metres © Crown copyright and database rights 2017. Ordnance Survey Licence Number 100049190. Doc Number: C861-ARP-EV-DPL-000-056440 P03 Date: 08/06/17
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AP-005-001: Additional land permanently required associated with amendment to the Network Rail access road

<p>Legend</p> <ul style="list-style-type: none"> Depot, station, headhouse or portal building Tunnel portal Electricity substation Land drainage area Ecological mitigation pond Balancing pond Replacement floodplain storage Woodland habitat creation Wetland habitat creation Grassland habitat creation Landscape mitigation planting (scrub / woodland) Grassed areas Sustainable placement Public realm/Replacement community facility Engineering earthworks Landscape earthworks Rail alignment formation Returned to suitable development use County boundary Borough / District boundary Community Area boundary Watercourse diversion Existing watercourse Ditches - new Hedgerow habitat creation Main utility works Existing Public Right of Way (PRoW) New, diverted or realigned PRoW Stopped-up PRoW Tunnels external extent Existing woodland Existing buildings Existing inland water Existing contours HS2 access road Noise fence barrier Rail alignment Chainage (e.g. 10+000) 	<p>Map Number CT-06-240-R1</p> <p>Map Name Proposed Scheme SES and AP ES</p> <p>Community Area CA5 South Cheshire</p>	<p>hs2</p> <p>HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.</p> <p>Registered in England. Registration number 06791686 Registered office: 2 Snow Hill, Queenway, Birmingham, B4 6QA</p> <p>Scale at A3: 1:5,000</p> <p>0 50 100 150 200 250 Metres</p> <p>© Crown copyright and database rights 2017. Ordnance Survey Licence Number 100049190.</p> <p>Doc Number: 2PT01-ARP-EV-DPL-000-056440 P05 Date: 01/03/18</p>
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