

### **Environmental Statement**

Volume 2 | Map books - Part 5 of 6

CFA 19 Coleshill Junction

CFA 20 Curdworth to Middleton

CFA 21 Drayton Bassett, Hints and Weeford

CFA 22 Whittington to Handsacre

September 2014 ES 3.2.5



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AP www.hs2.org.uk



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.

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

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### **Contents**

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Map series name	CT-o5 – Construction Phase	CT-o6 – Proposed Scheme	LV-01 — Photomontages	LV-03 – Construction Phase Significantly Affected Viewpoints	LV-04 – Operational Phase Significantly Affected Viewpoints	SV-05 – Operational Airborne Noise and Vibration Impacts and Likely Significant Effects
Map series description  Community Forum Area	These maps show the land potentially required during construction, the construction features, access requirements and infrastructure associated with construction of the Proposed Scheme. The maps also show the construction phase arrangements for public access using Public Rights of Way.  The base mapping is reflective of 2013 Ordnance Survey (OS)	These maps show permanent features, infrastructure, restored land, and areas for landscaping, screening and ecological mitigation associated with the Proposed Scheme. The base mapping is reflective of 2013 Ordnance Survey (OS) data.	Photomontages illustrating the Proposed Scheme during construction and operation.	Maps showing the viewpoint locations from which the Proposed Scheme has been assessed to give rise to significant effects during the construction phase.	Maps showing the viewpoint locations from which the Proposed Scheme has been assessed to give rise to significant effects during the operational phase.	SV-05 presents the direct operational noise impacts and likely significant effects of the scheme.  The SV-05 figure series contains a large amount of information relating to the operational noise and vibration assessment. It is designed to communicate visually the assessment process from the prediction of impacts to the determination of likely residual significant effects. The corresponding text is included in
name	data.					Vol2.
CFA 19 – Coleshill Junction	✓	×	×	×	×	×
CFA 20 – Curdworth to Middleton	✓	×	×	×	×	×
CFA 21 — Drayton Bassett, Hints and Weeford	✓	×	×	*	×	×
CFA 22 — Whittington to Handsacre	✓	×	*	×	×	×

### Mapping explanatory notes

#### 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 London-West Midlands Additional Provision Environmental Statement (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 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. 77+000 or 158+500.

Chainage (known as reference chainage) is referenced from Euston Station, which is 0+000, and the value presented is in metres. E.g. 77+000 refers to the point, 77,000m, or 77km, 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 1km intervals. For maps at 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 different amounts of alignment on the map.

#### Map sheet layout

Each map in volume 2 is presented twice, with the main ES map on the left hand page and the AP map on the right. For the CT-05 and CT-06 map series, the AP map is annotated with a red cloud which highlights the area of change. A red outlined text box provides a brief description of the AP, and gives the AP reference number. Only maps which have been amended as a result of the AP are included within the map books.

Each volume 5 map is annotated to describe the change to a receptor or significant effect, and to give the AP reference number. For more detailed information about the AP annotation, refer to the map series legend. Only maps which have been amended as a result of the AP 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 right hand side of the page, and the West Midlands to the left.

The exception to this, are map series LV-03 and LV-04, 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 the West Midlands to the top.

### Map books

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

Volume number	Title		
Volume 2 Map book – Part 1 of 6	CFA o7 Colne Valley		
·	CFA og Central Chilterns		
	CFA 10 Dunsmore, Wendover and Halton		
Volume 2 Map book – Part 2 of 6	CFA 11 Stoke Mandeville and Aylesbury		
Volume 2 Map book – Part 3 of 6	CFA 12 Waddesdon and Quainton		
	CFA 13 Calvert, Steeple Claydon, Twyford and Chetwode		
	CFA 14 Newton Purcell to Brackley		
	CFA 15 Greatworth to Lower Boddington		
Volume 2 Map book — Part 4 of 6	CFA 16 Ladbroke and Southam		
	CFA 17 Offchurch and Cubbington		
	CFA 18 Stoneleigh, Kenilworth and Burton Green		
Volume 2 Map book – Part 5 of 6	CFA 19 Coleshill Junction		
	CFA 20 Curdworth to Middleton		
	CFA 21 Drayton Bassett, Hints and Weeford		
	CFA 22 Whittington to Handsacre		
Volume 2 Map book – Part 6 of 6	CFA 23 Balsall Common and Hampton-in-Arden		
	CFA 24 Birmingham Interchange and Chelmsley Wood		
	CFA 25 Castle Bromwich and Bromford		
	CFA 26 Washwood Heath to Curzon Street		
Volume 5 Map Book	Environmental topics		



**Environmental Statement** 

Data dictionary and definitions

### Data dictionary and definitions

Legend features	Definition	Source	Copyright
Chainage	Chainage (known as reference chainage) is referenced from Euston Station, which is 0+000, and the value presented is in metres. E.g. 77+000 refers to the point, 77,000m, or 77km, 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.  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.	High Speed Two (HS2) Ltd	
Community forum boundary	The Environmental Statement has been split into 26 sections called Community Forum Areas.	High Speed Two (HS2) Ltd	© Crown Copyright and database rights 2014 Ordnance Survey Licence Number 100049190.
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 2014 Ordnance Survey Licence Number 100049190.
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 2014 Ordnance Survey Licence Number 100049190.
Engineering earthworks	Engineering (structural) earthworks which include railway slopes and crossings (roads etc.).	High Speed Two (HS2) Ltd	,
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.
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	
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	
Public Rights of Way	Public rights of way are highways which can be used for the following purposes:	Buckinghamshire County Council Birmingham City Council	© Crown Copyright and database rights 2014 Ordnance Survey Licence Number 100049190.

Legend features	Definition	Source	Copyright	
	- 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 (i.e. county councils, London Boroughs and metropolitan borough councils in the West Midlands).	Coventry City Council City of Westminster Hertfordshire County Council London Borough of Brent London Borough of Camden London Borough of Ealing London Borough of Hammersmith & Fulham London Borough of Hillingdon Northamptonshire County Council Oxfordshire County Council Royal Borough of Kensington & Chelsea Solihull Metropolitan Borough Council Staffordshire County Council Warwickshire County Council	This map is based upon Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationary Office © Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. Buckinghamshire County Council Licence No. 100021529, 2012. Copyright Buckinghamshire County Council.  © Copyright Coventry City Council  © Northamptonshire County 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		
Route in tunnel Route on surface	Represents the proposed route of HS2, split into route on surface and tunnelled sections.	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		
Femporary highway diversion / realignment	Indicative temporary highway diversion layouts during the construction phase.	High Speed Two (HS2) Ltd		
Femporary 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		
Funnel 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		
The Detailed River Network (DRN) is the only large-scale, accurate and fully attributed digital river centreline covering England and Wales.		Environment Agency	Contains Environment Agency information © Environment Agency and database right.	



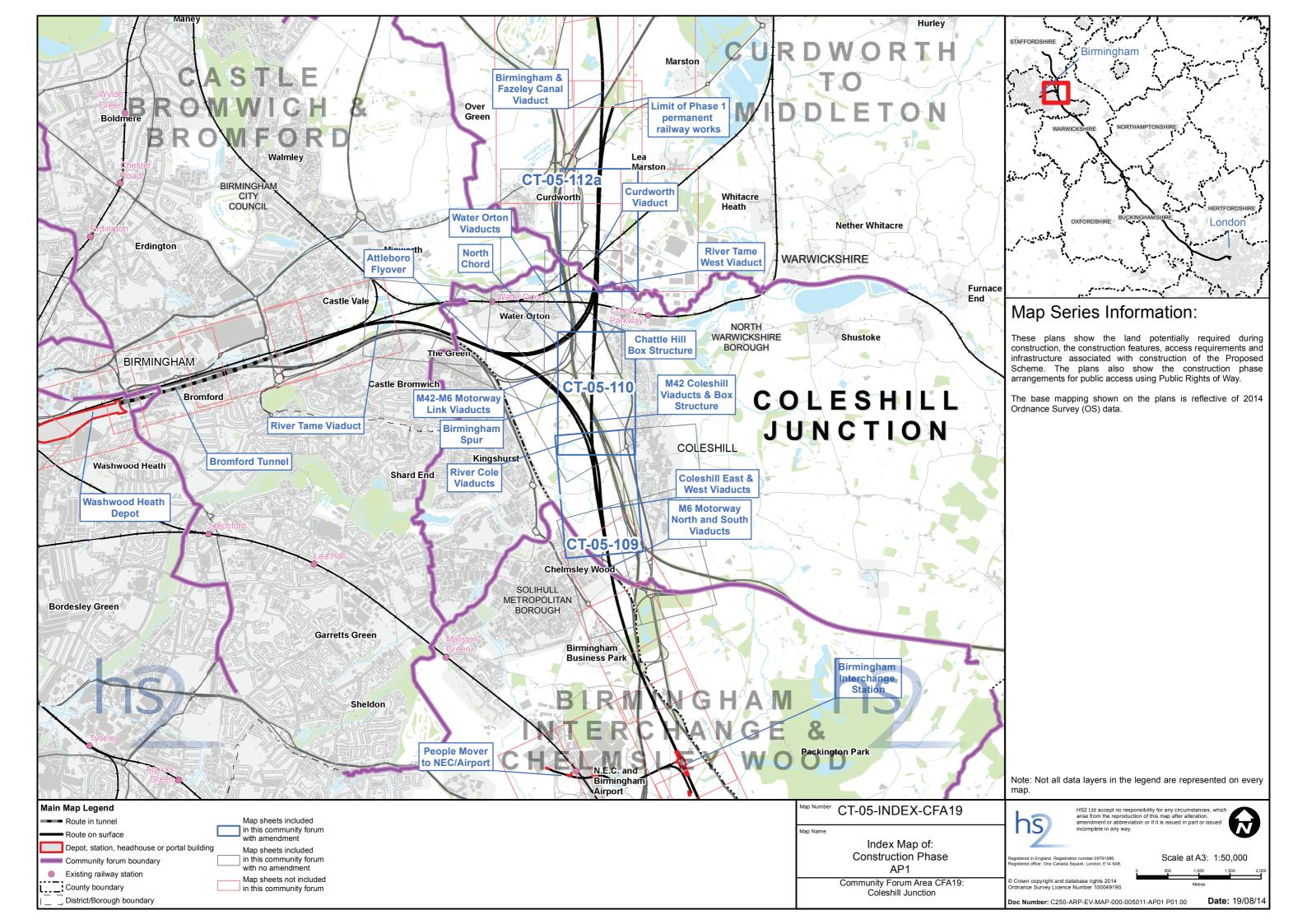
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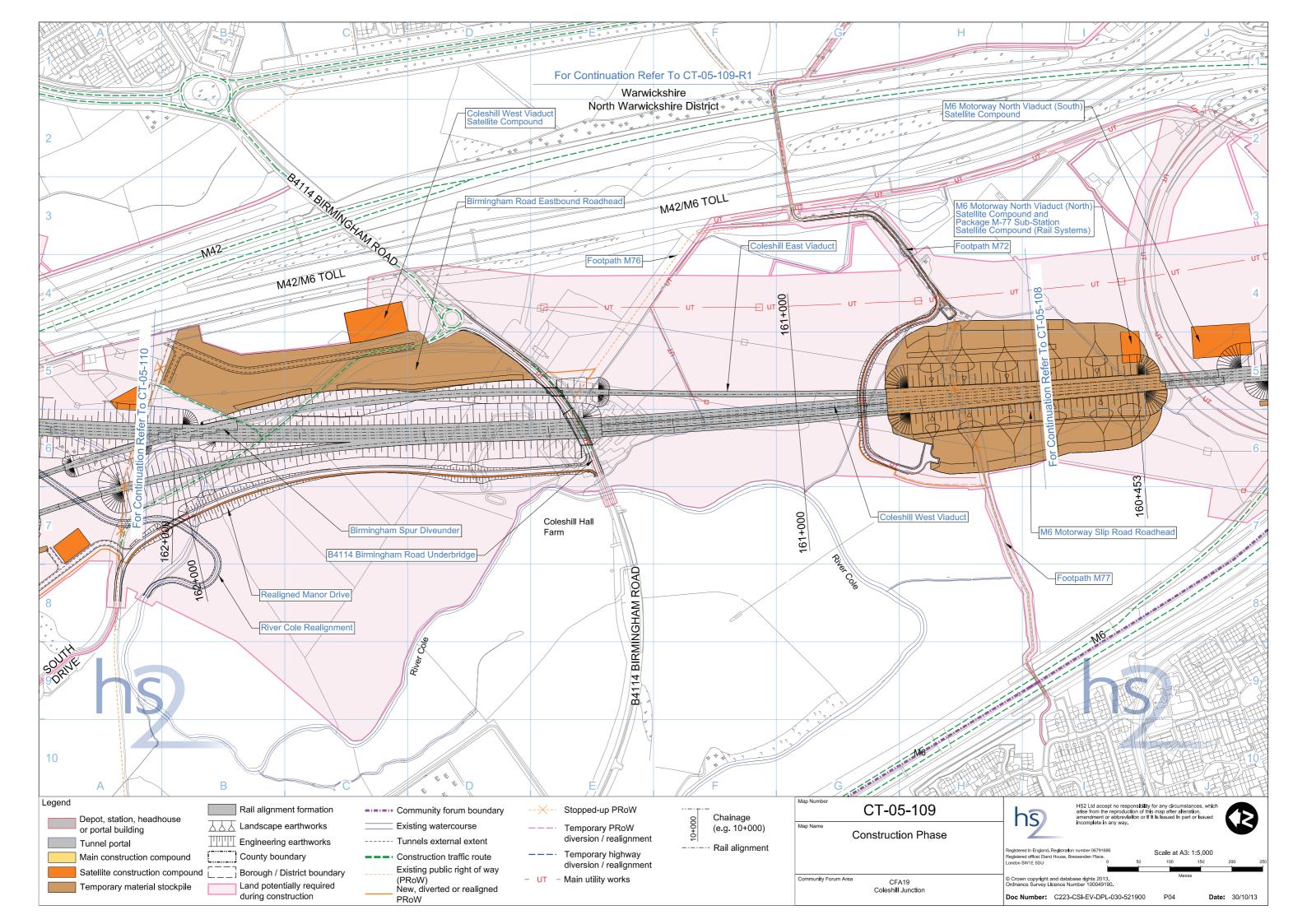
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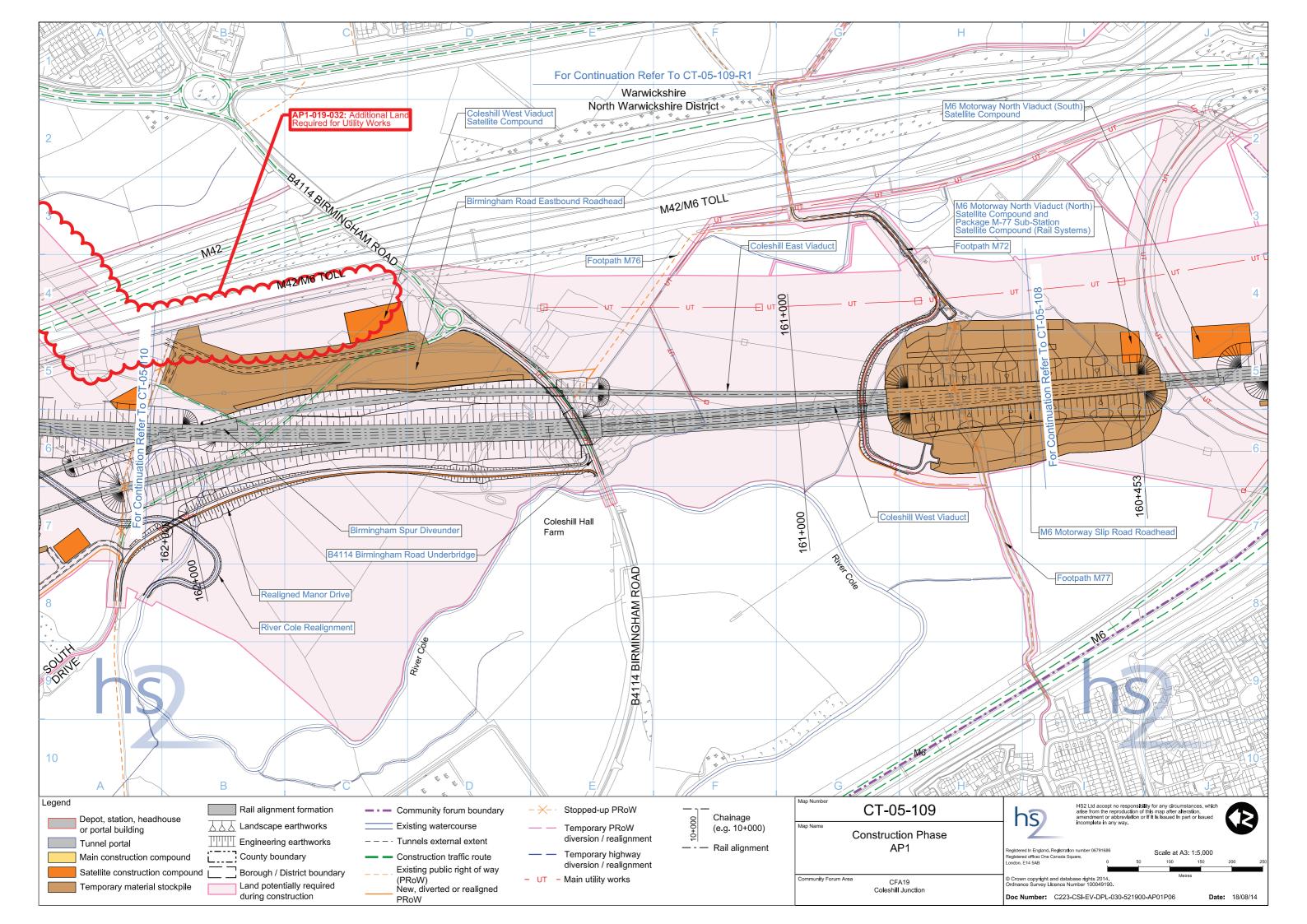


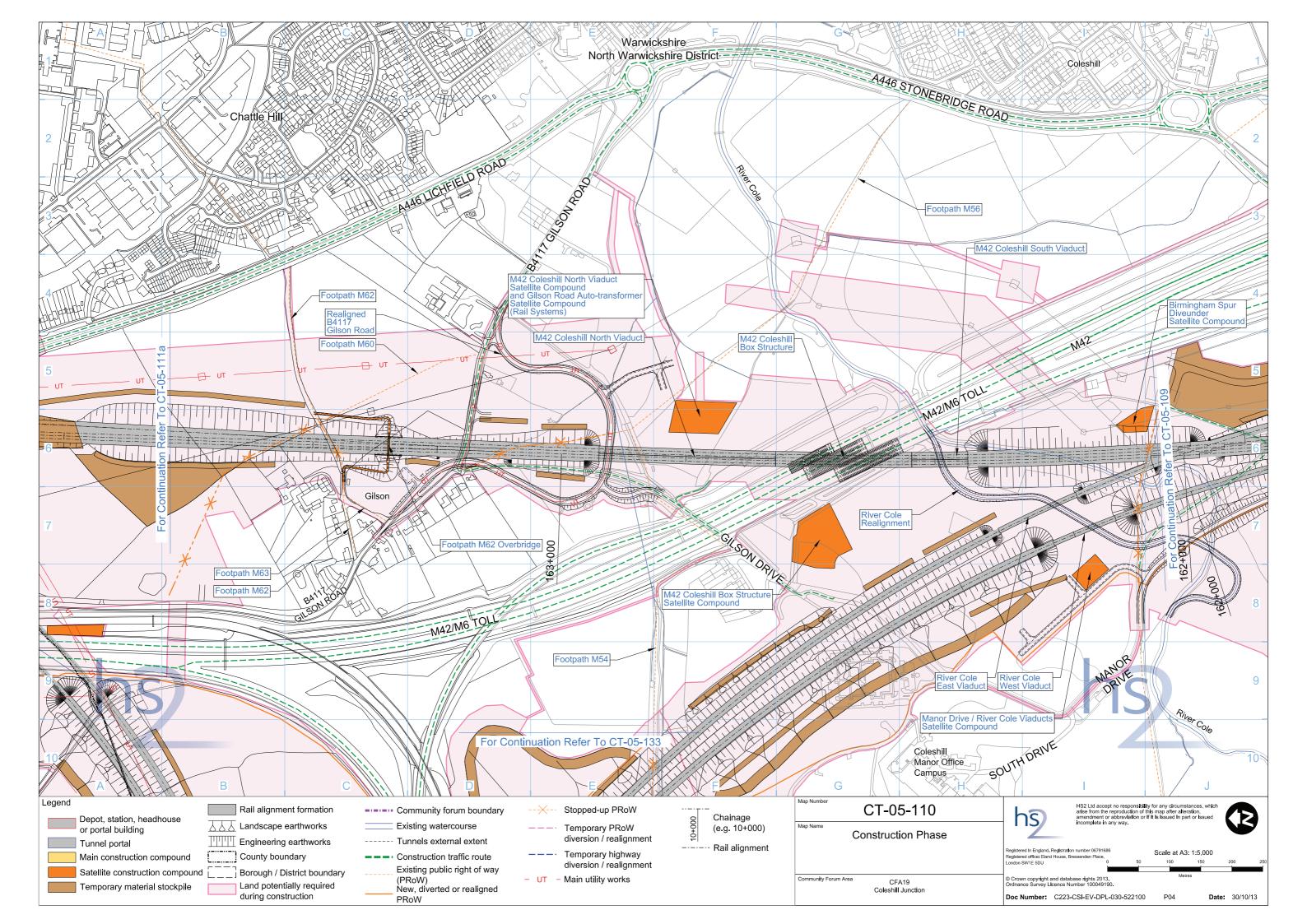
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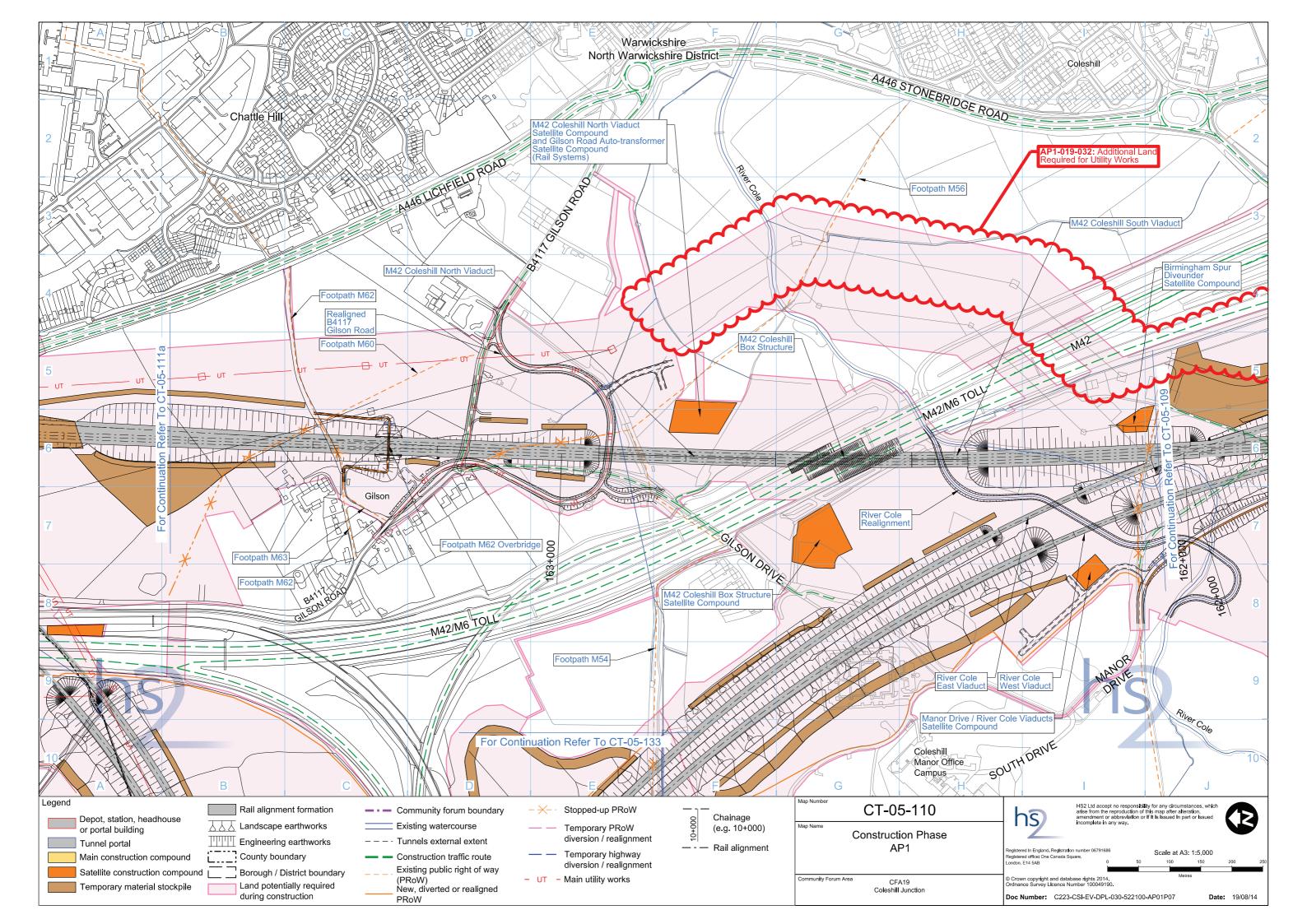
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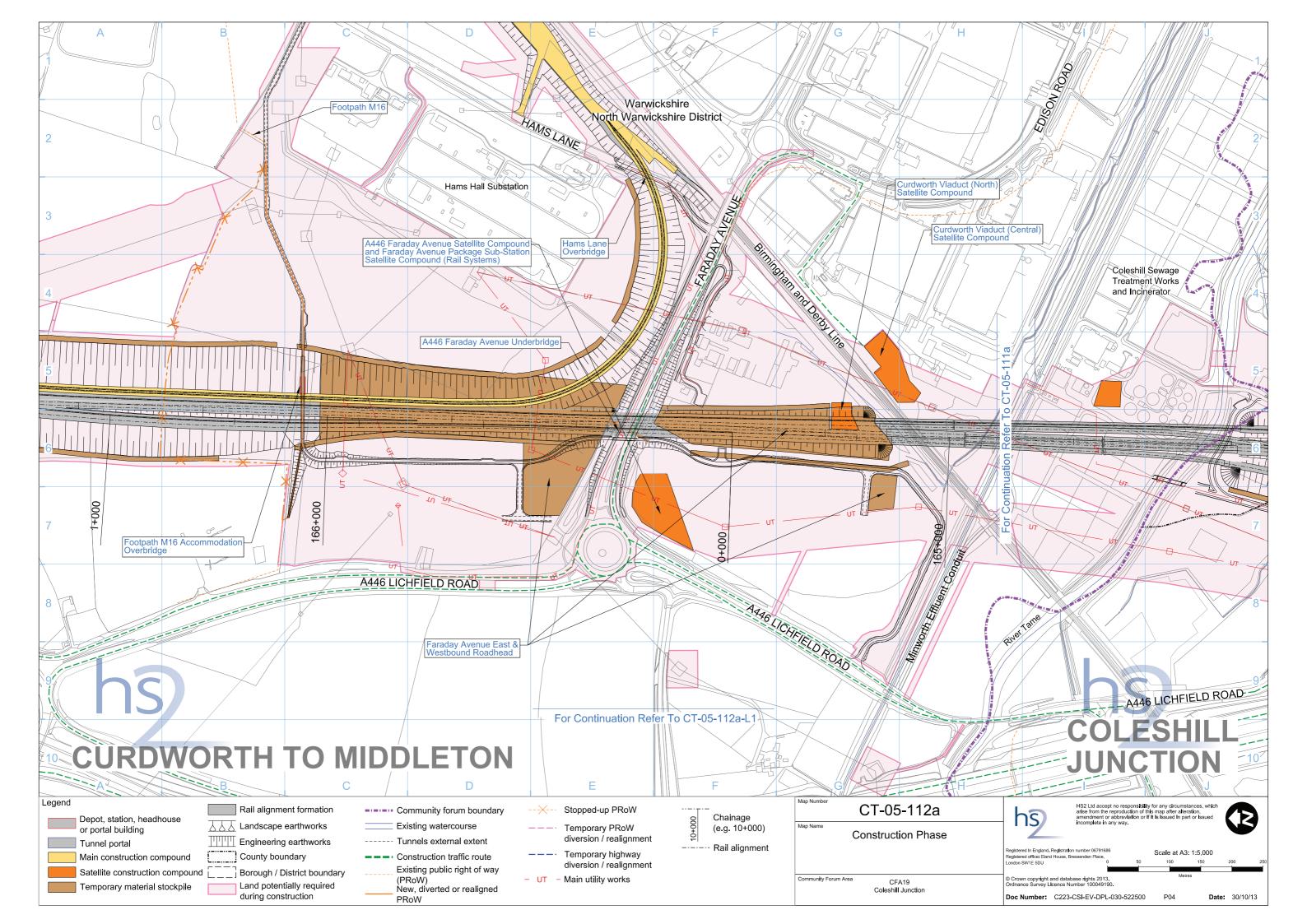


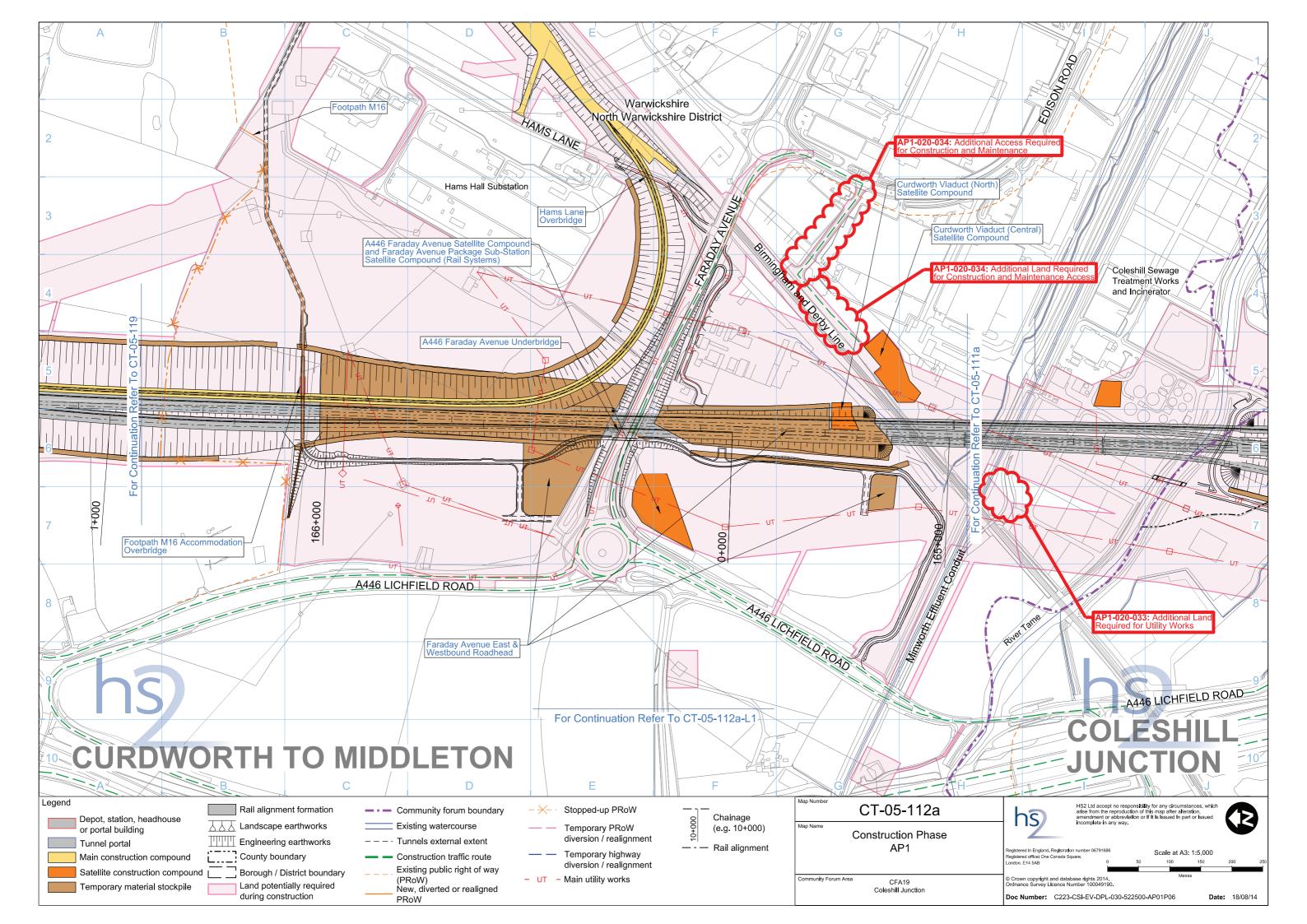














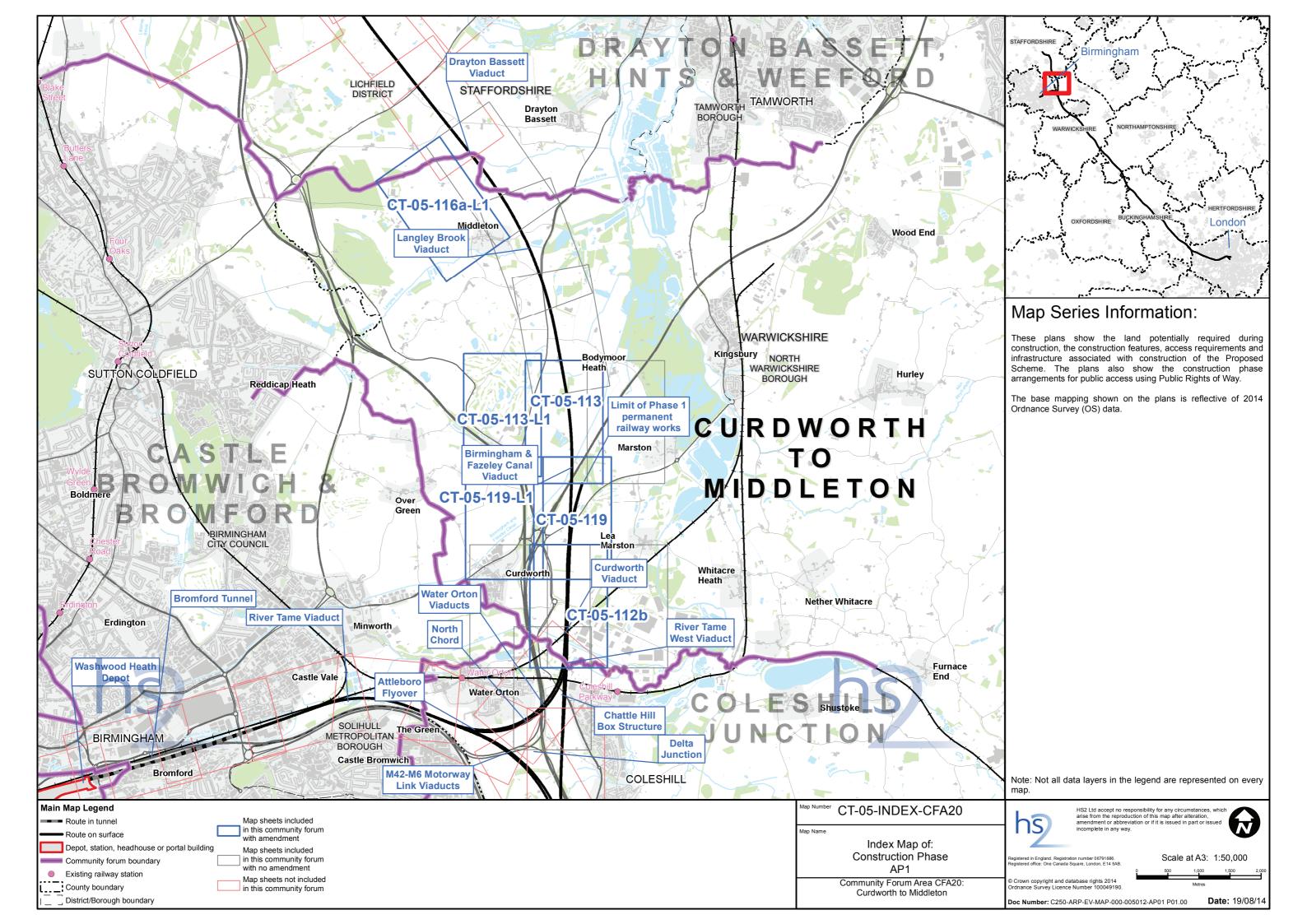
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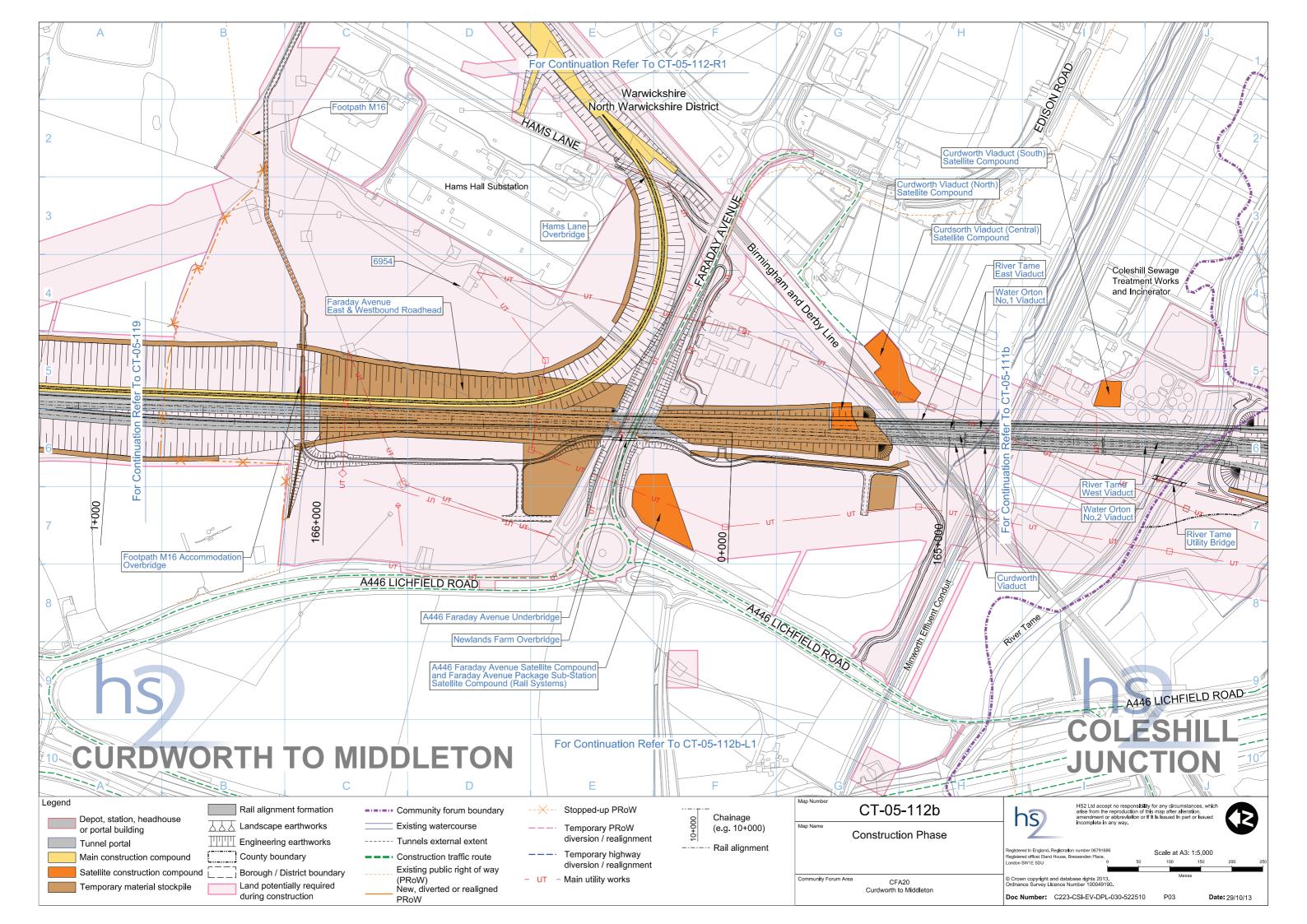
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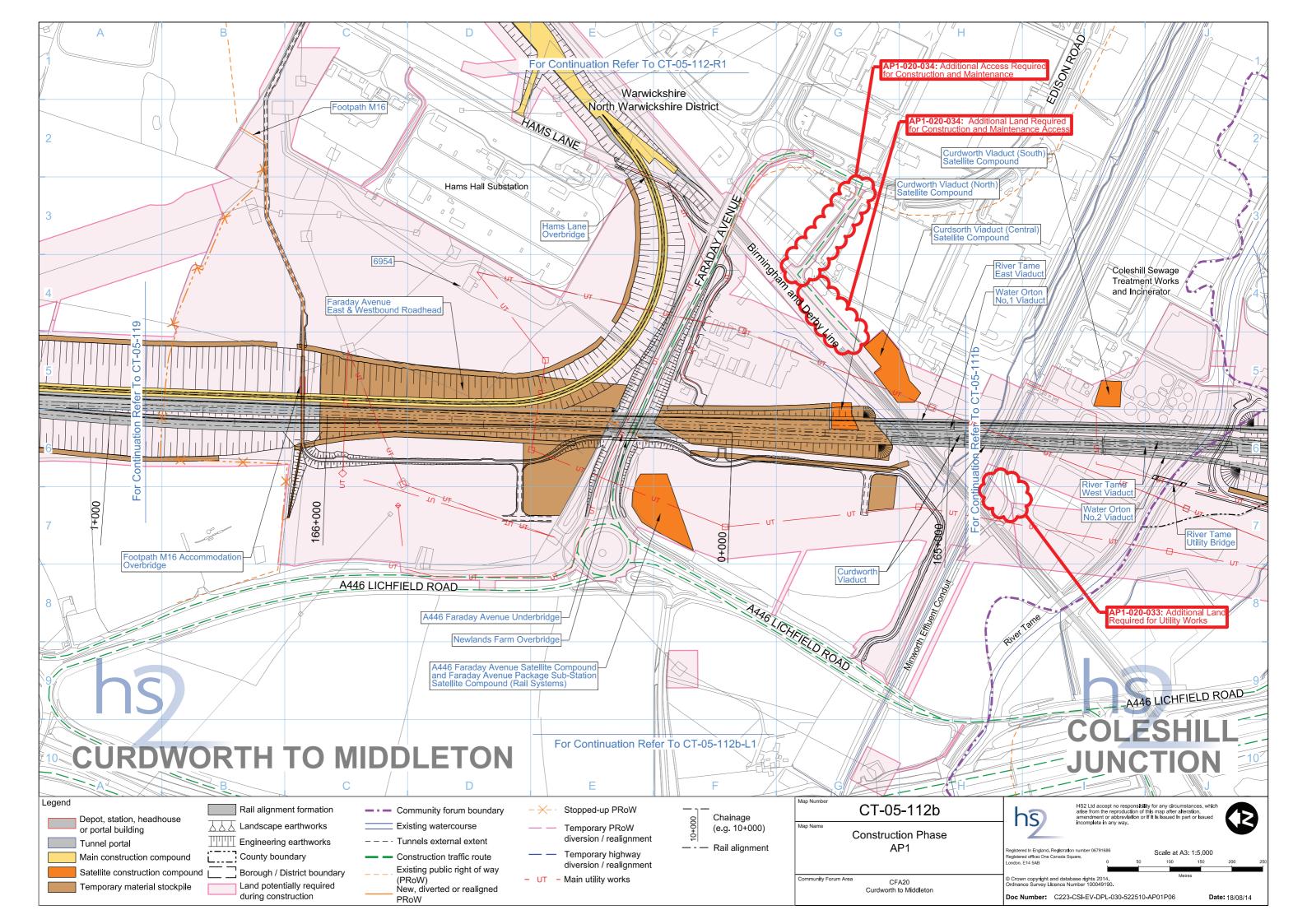


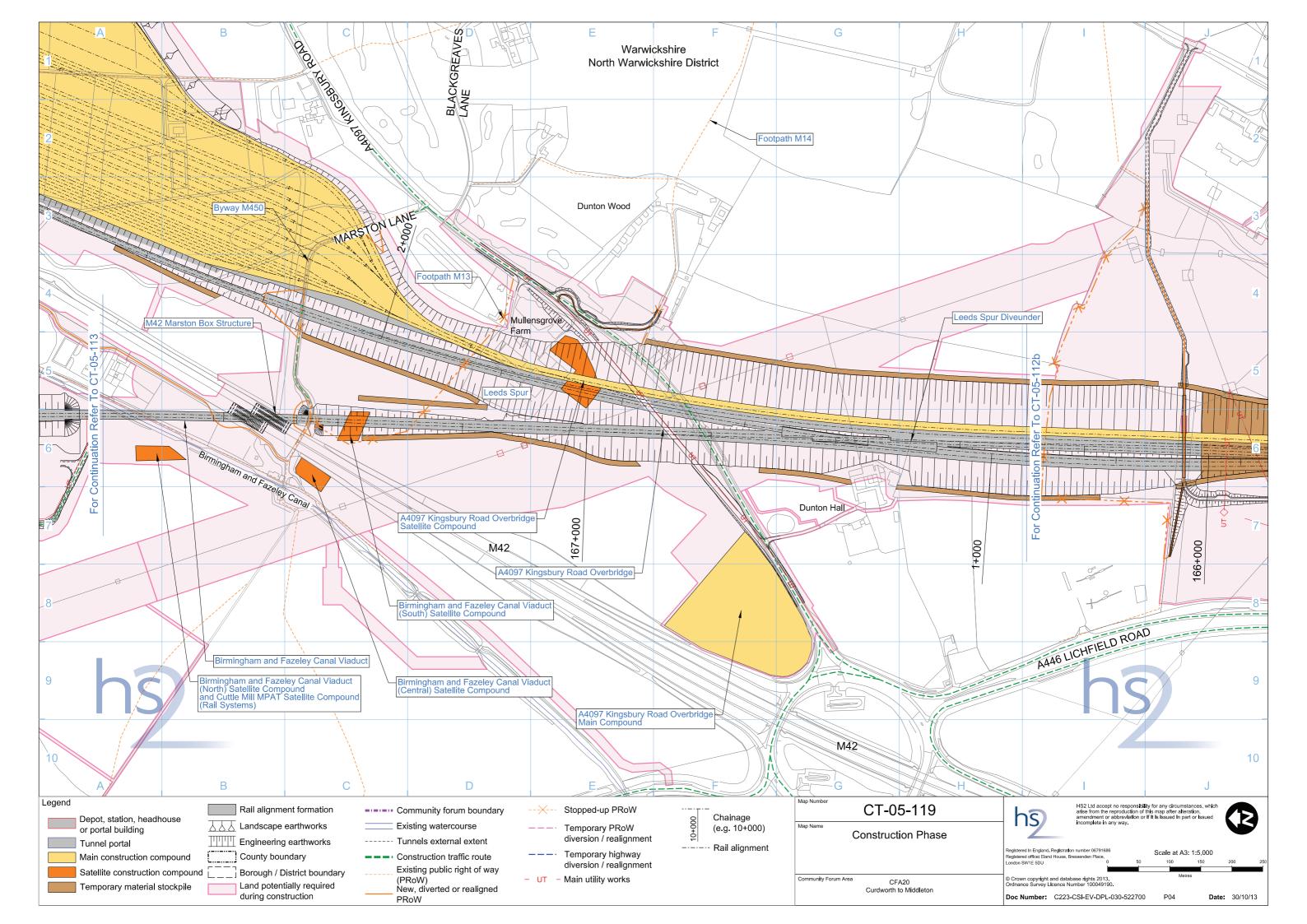
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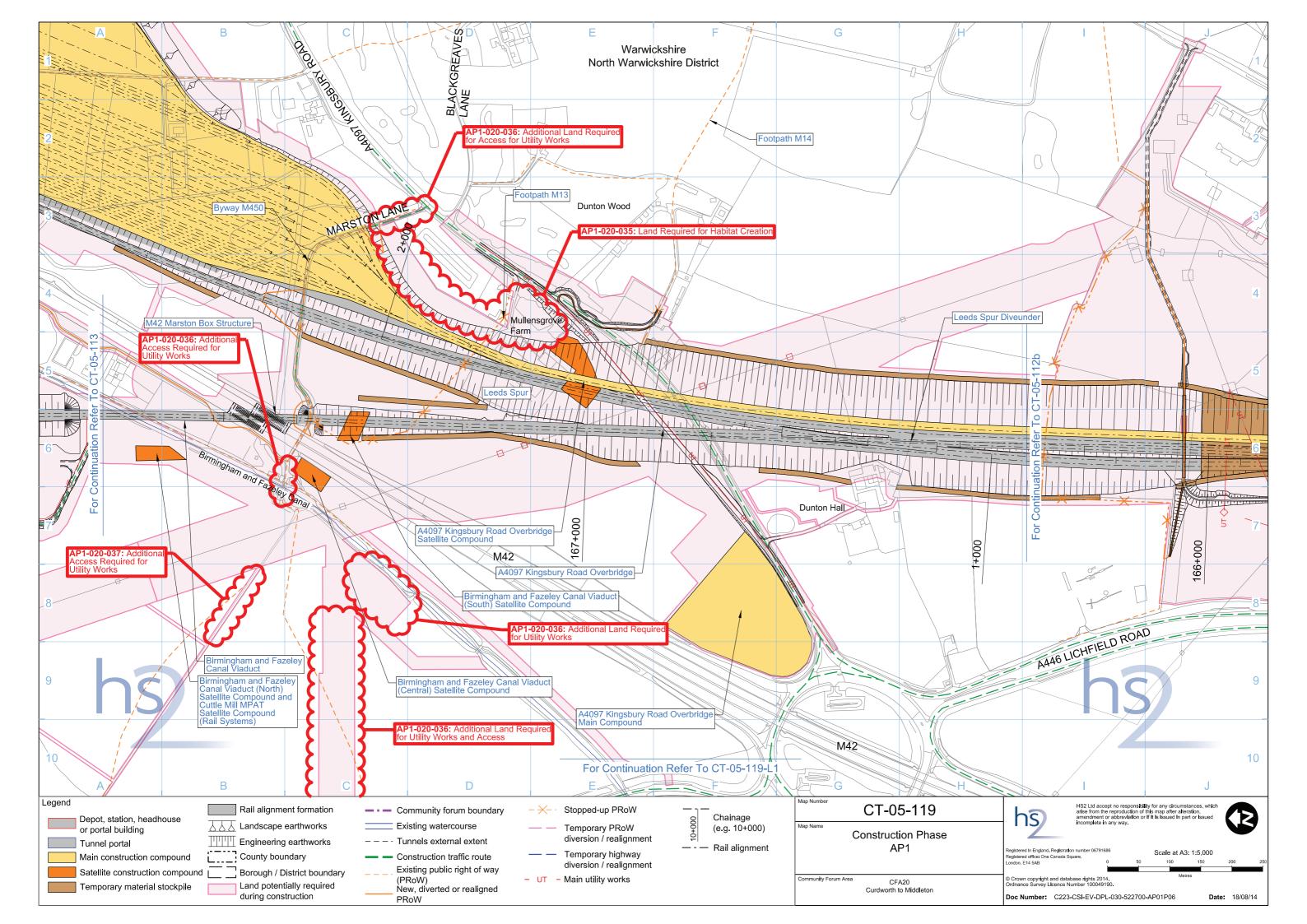
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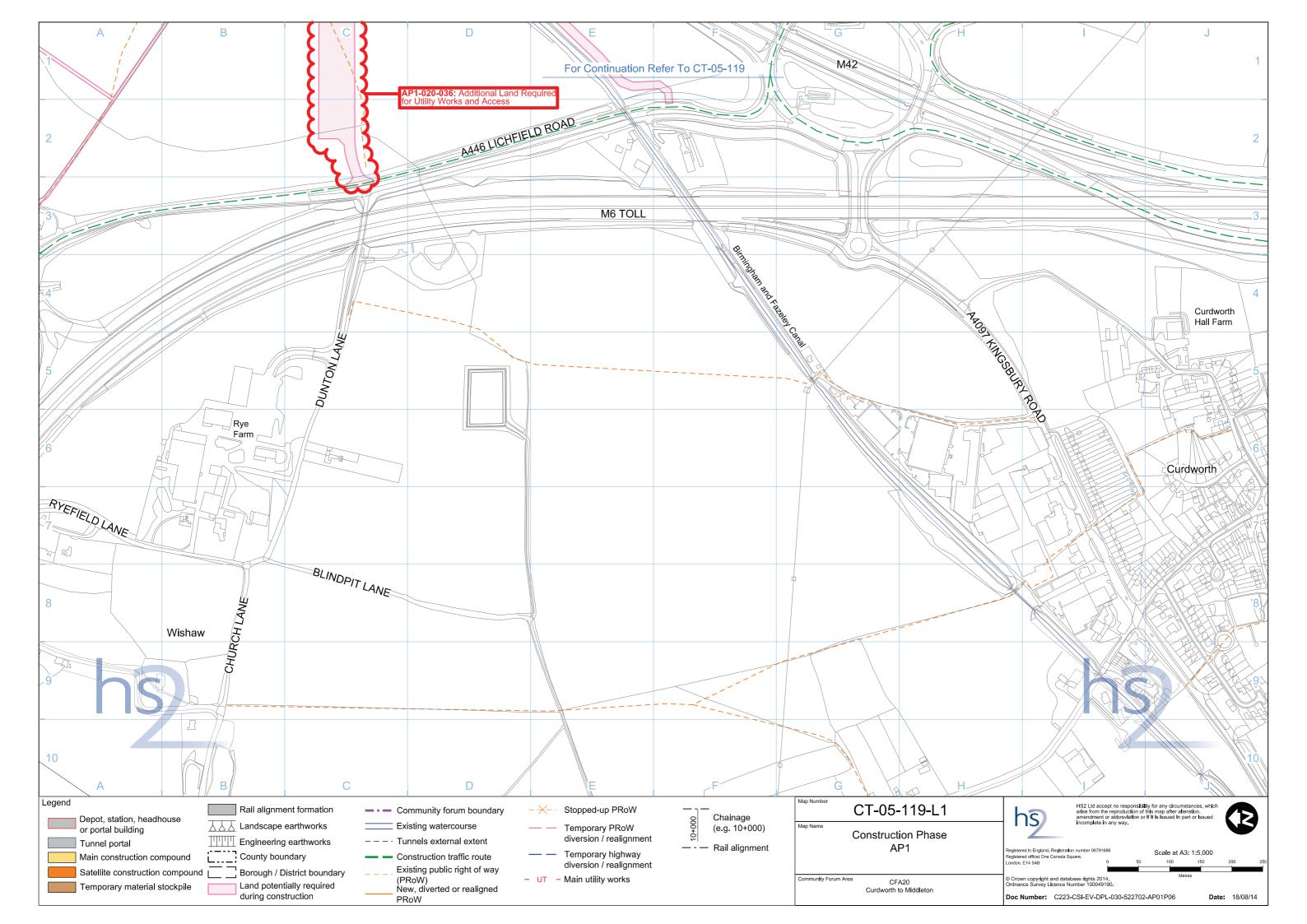


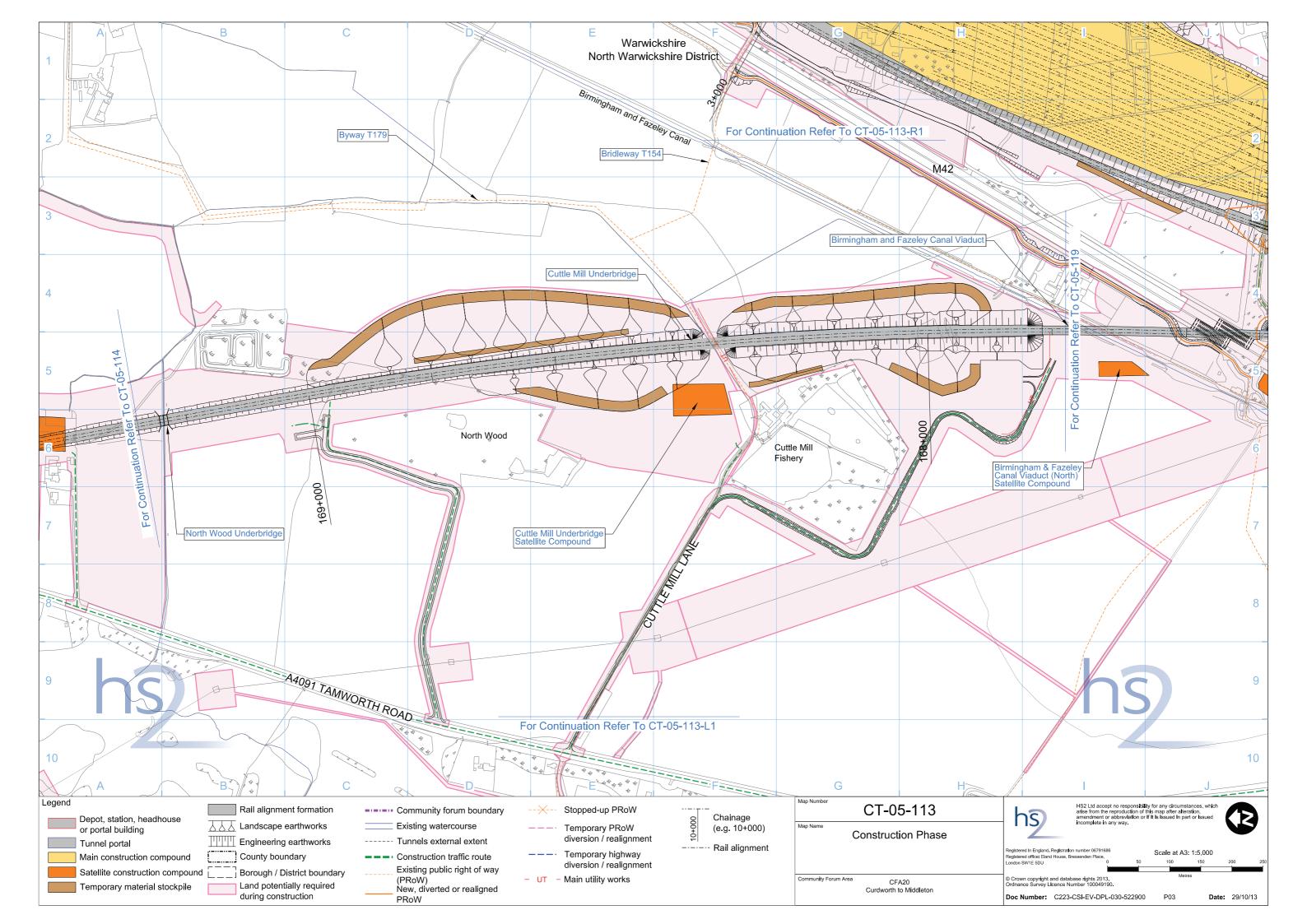


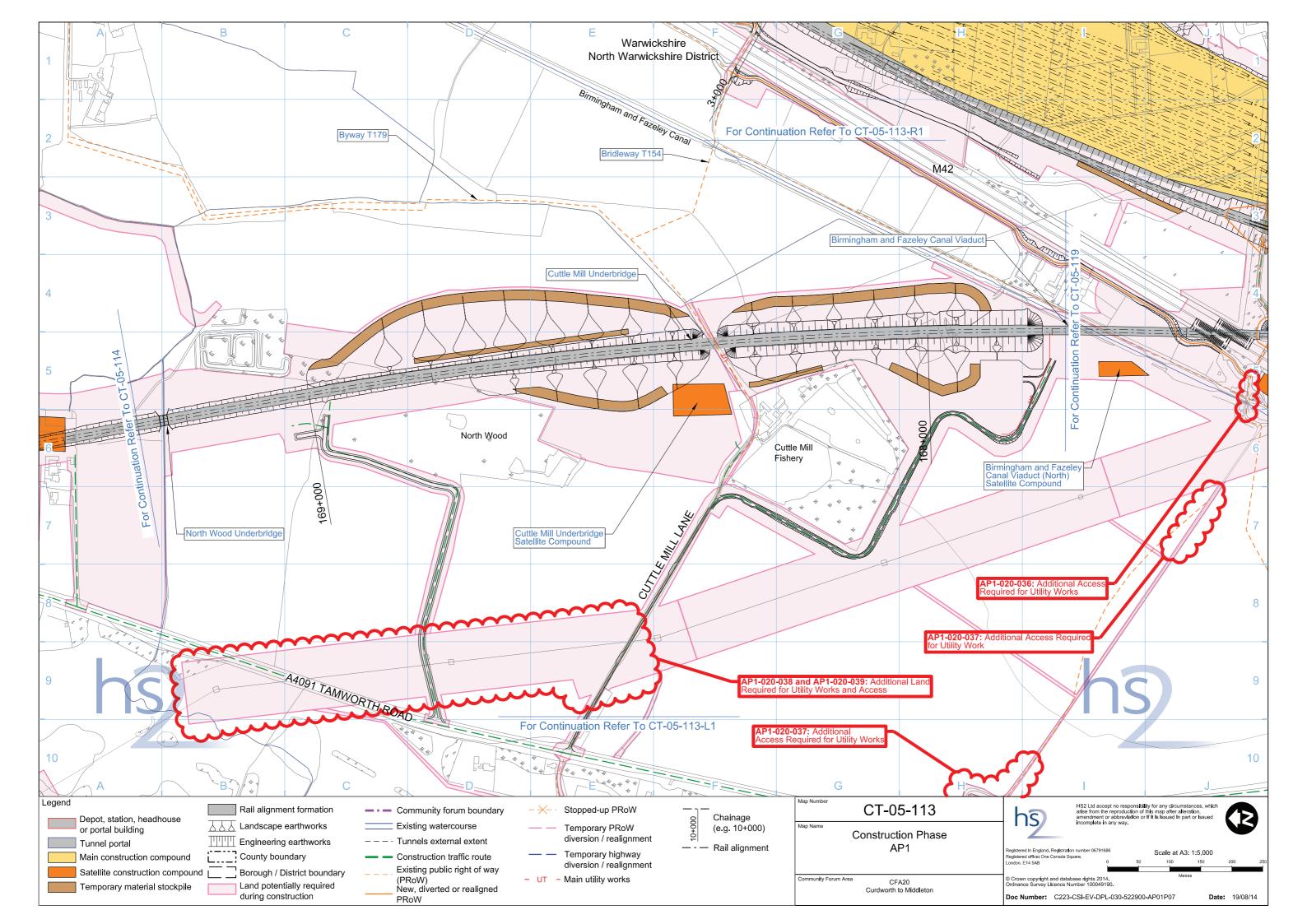


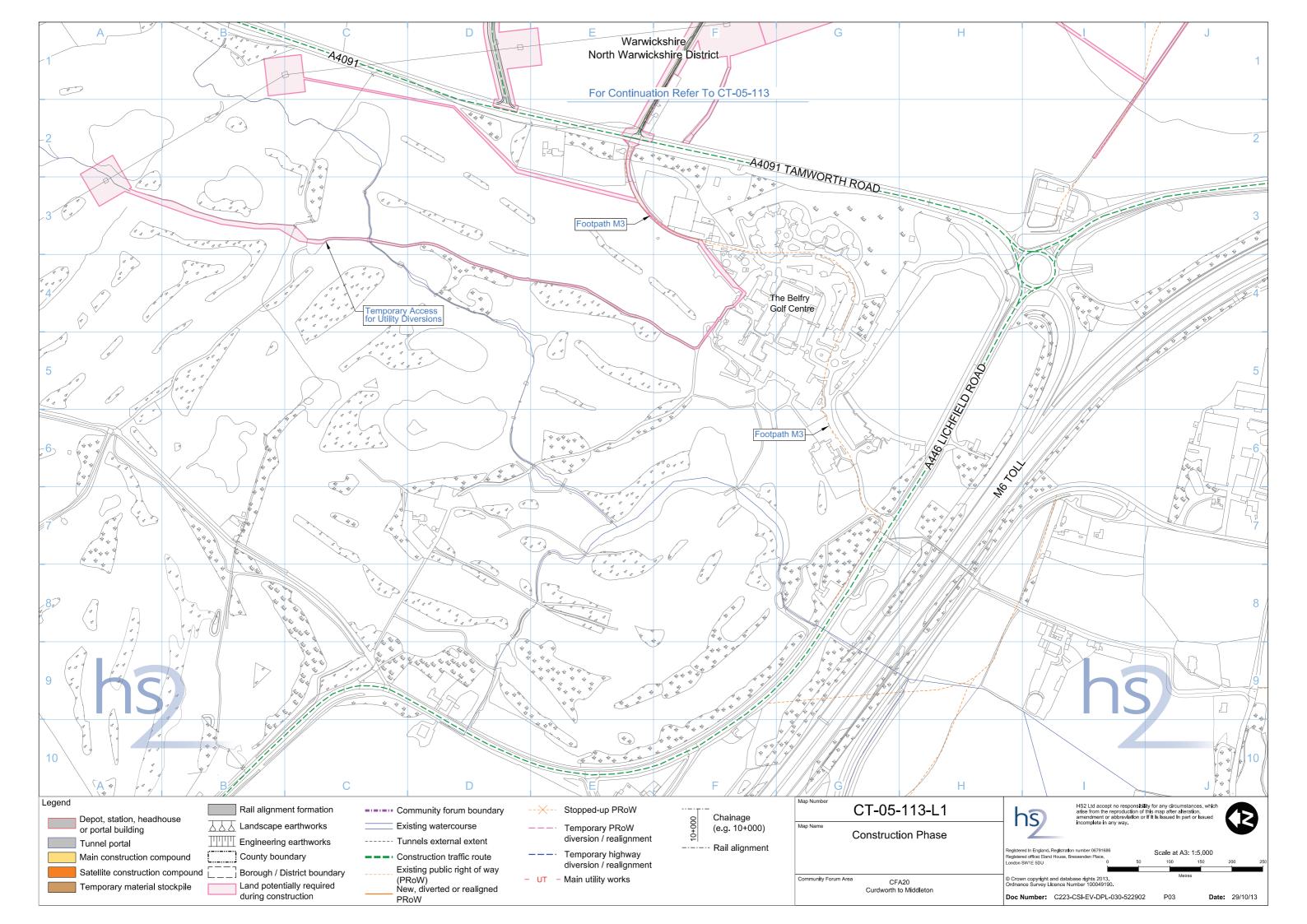


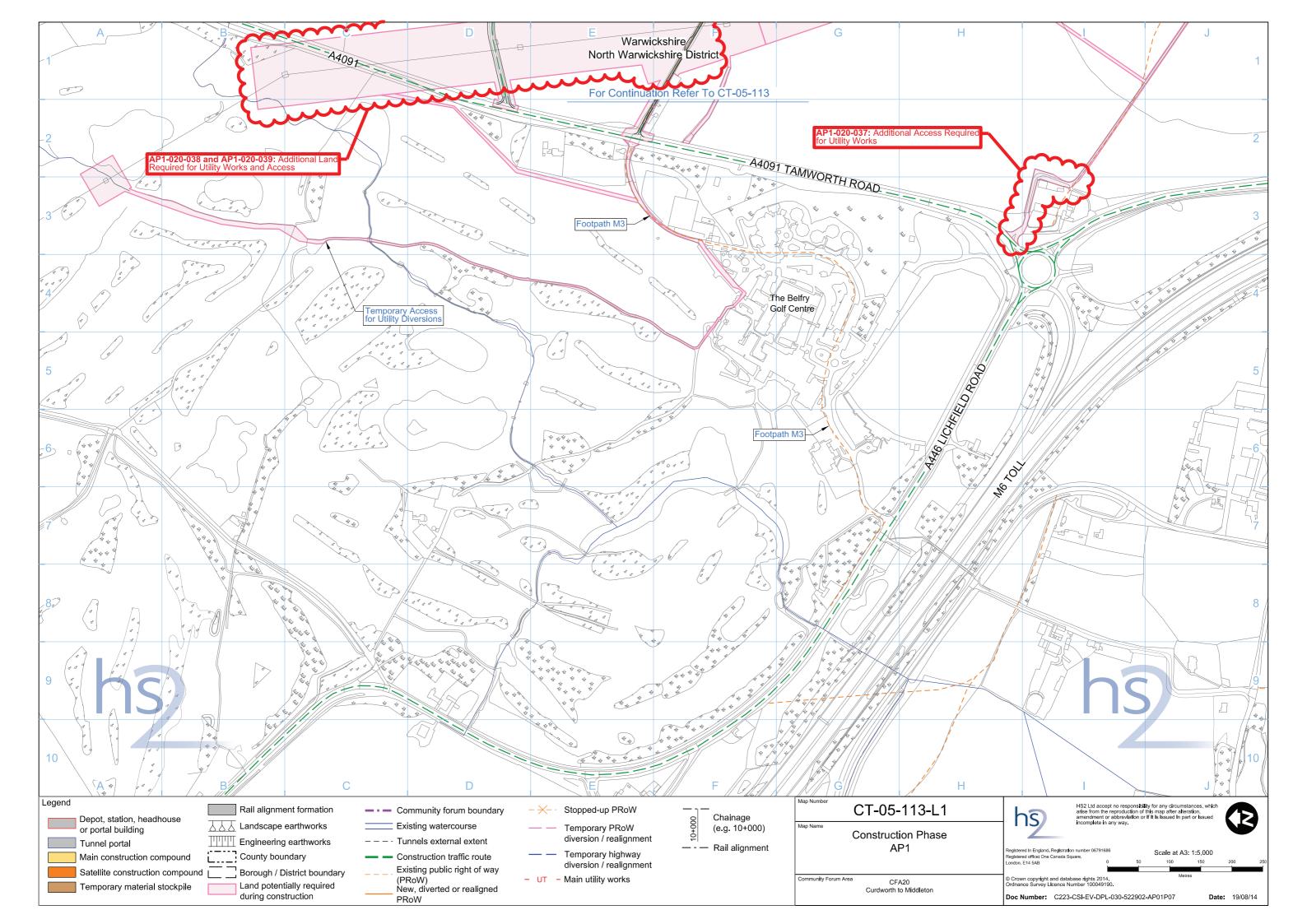
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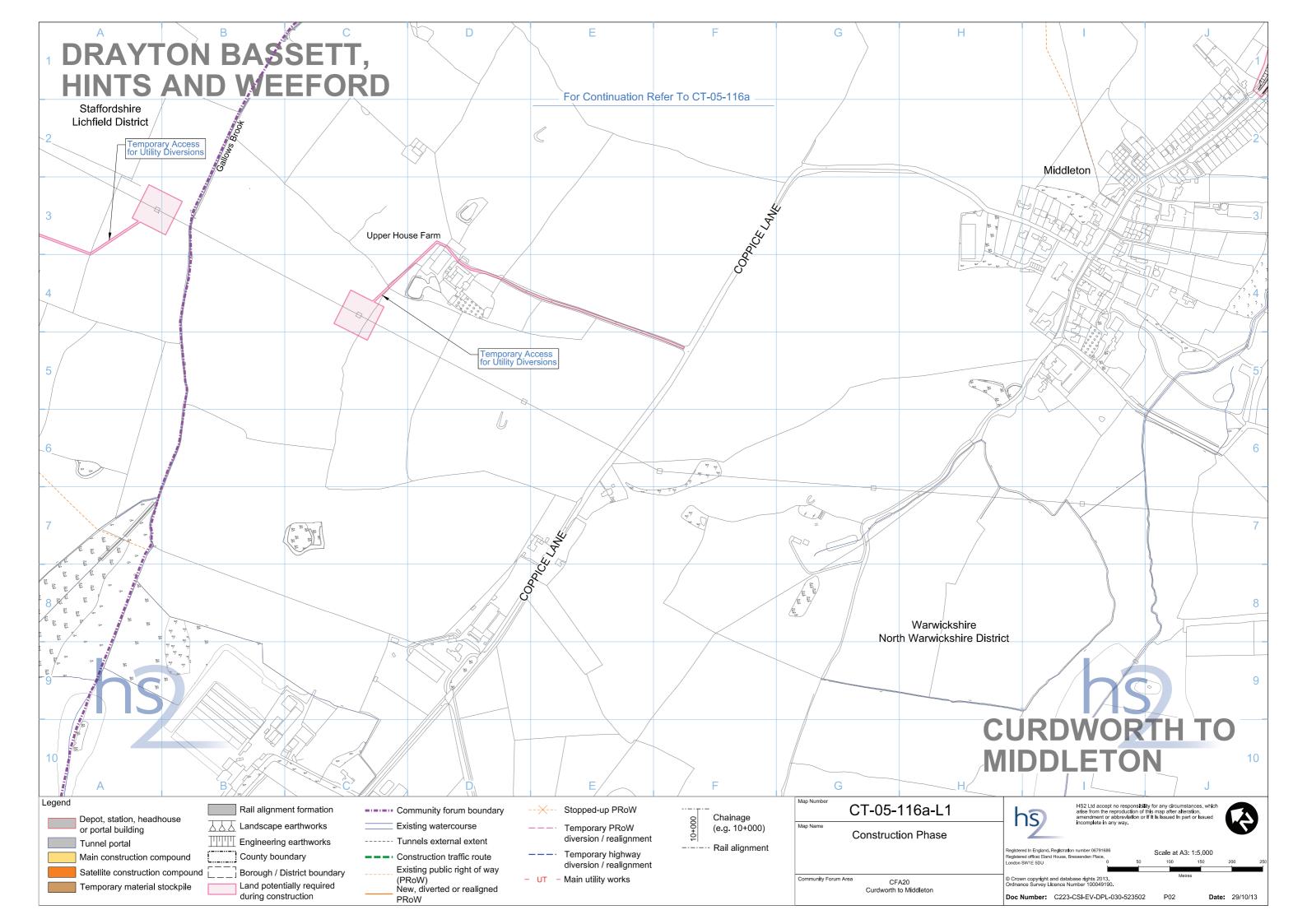


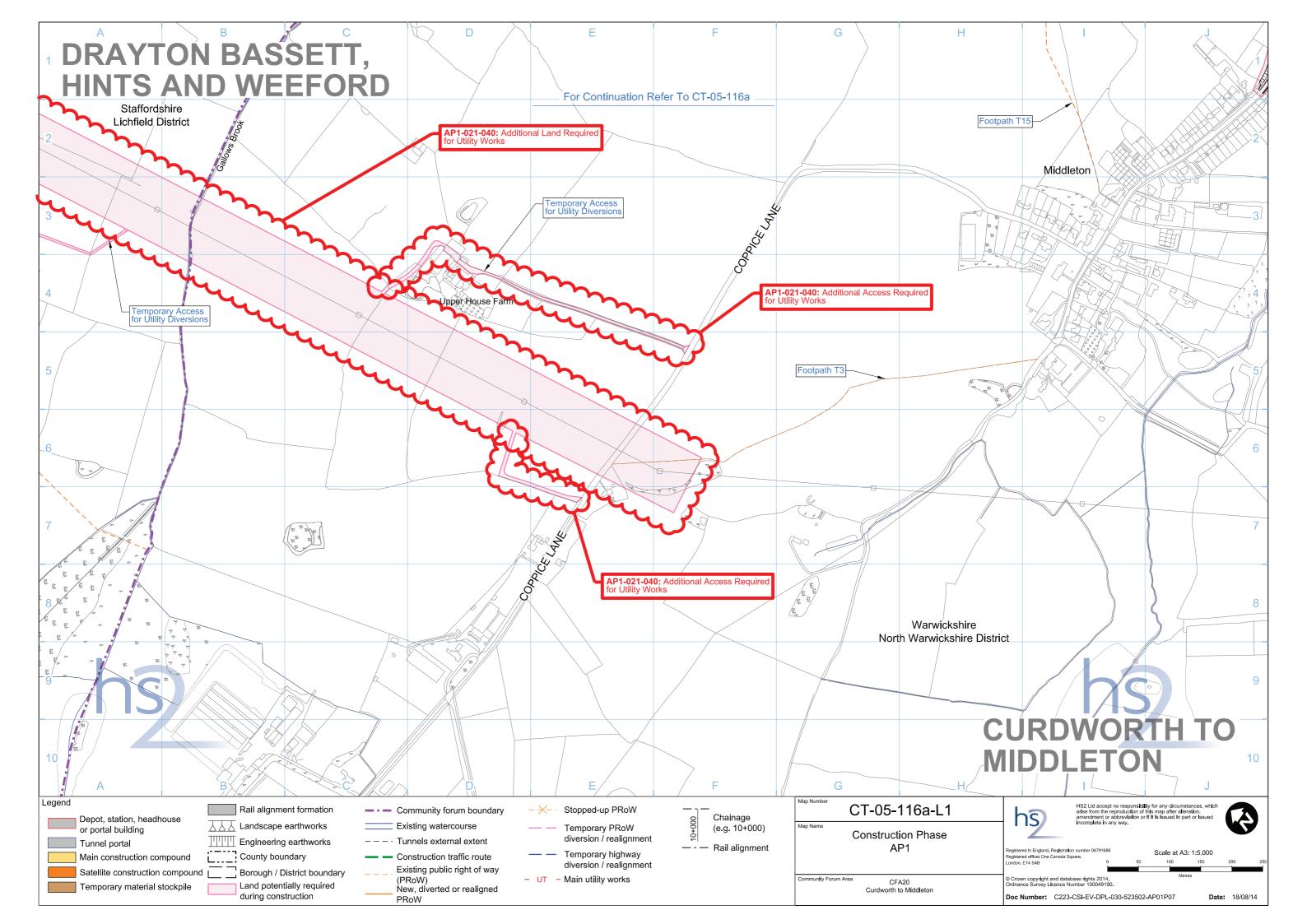














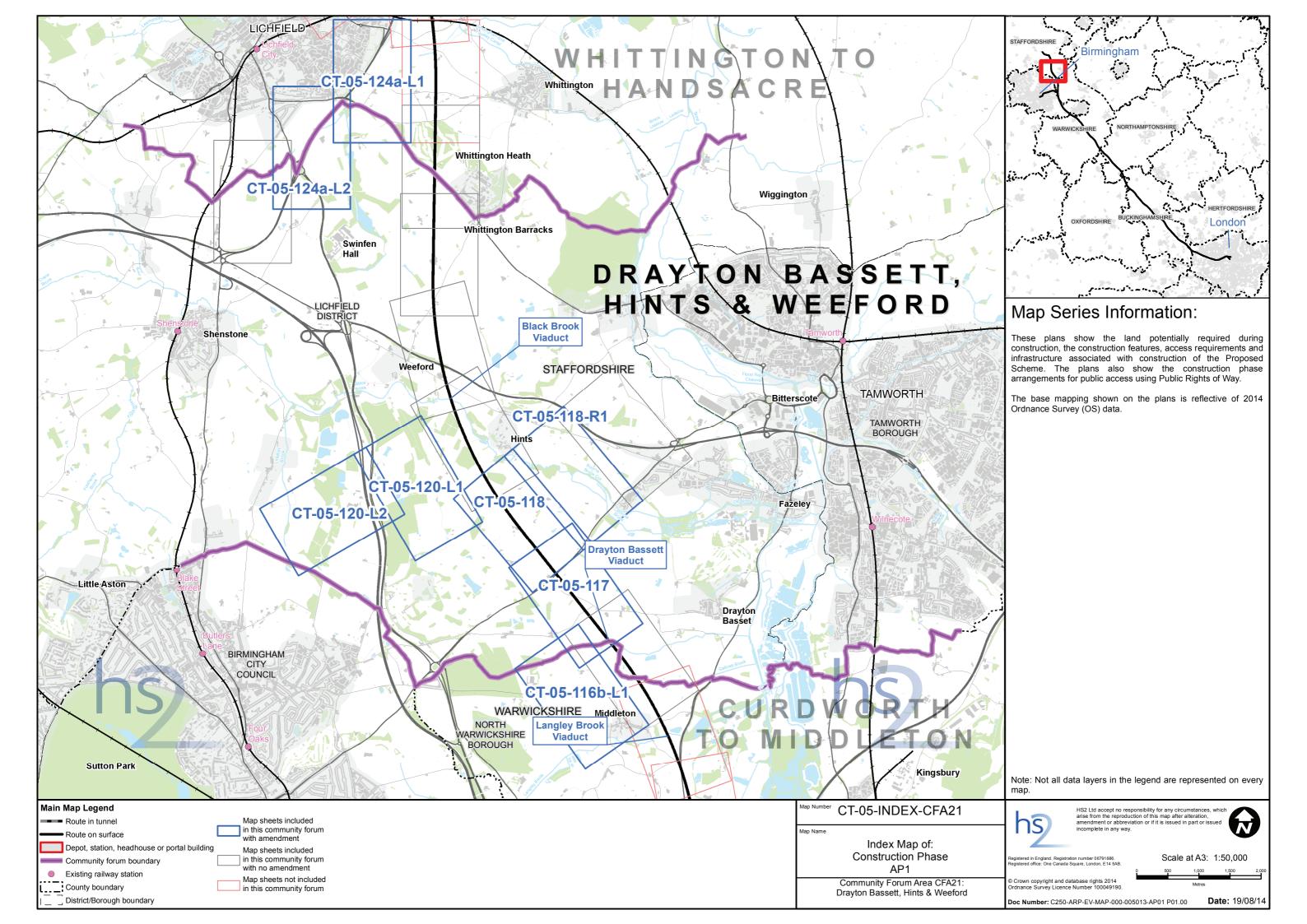
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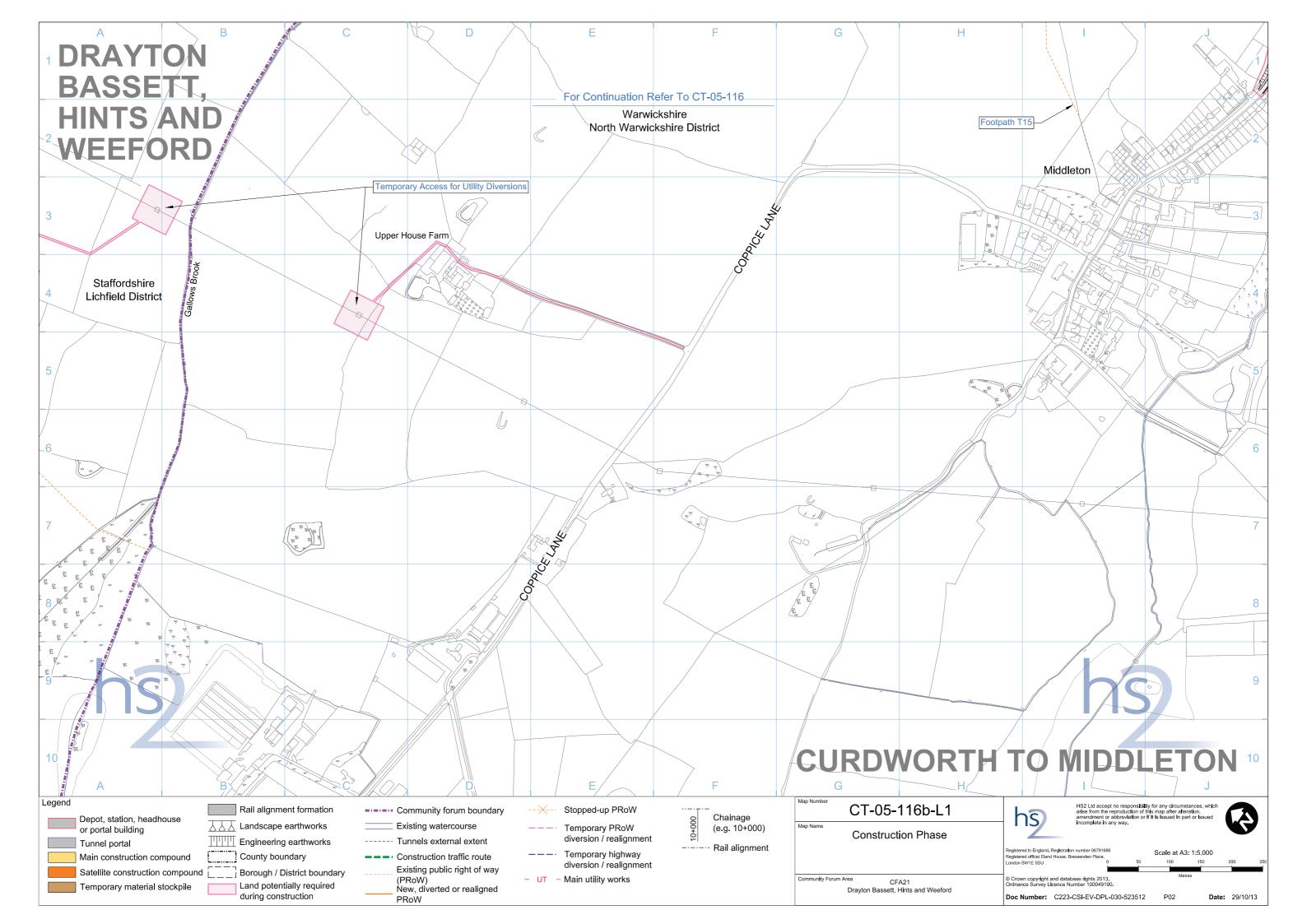
Volume 2 CFA21 Drayton Bassett, Hints and Weeford

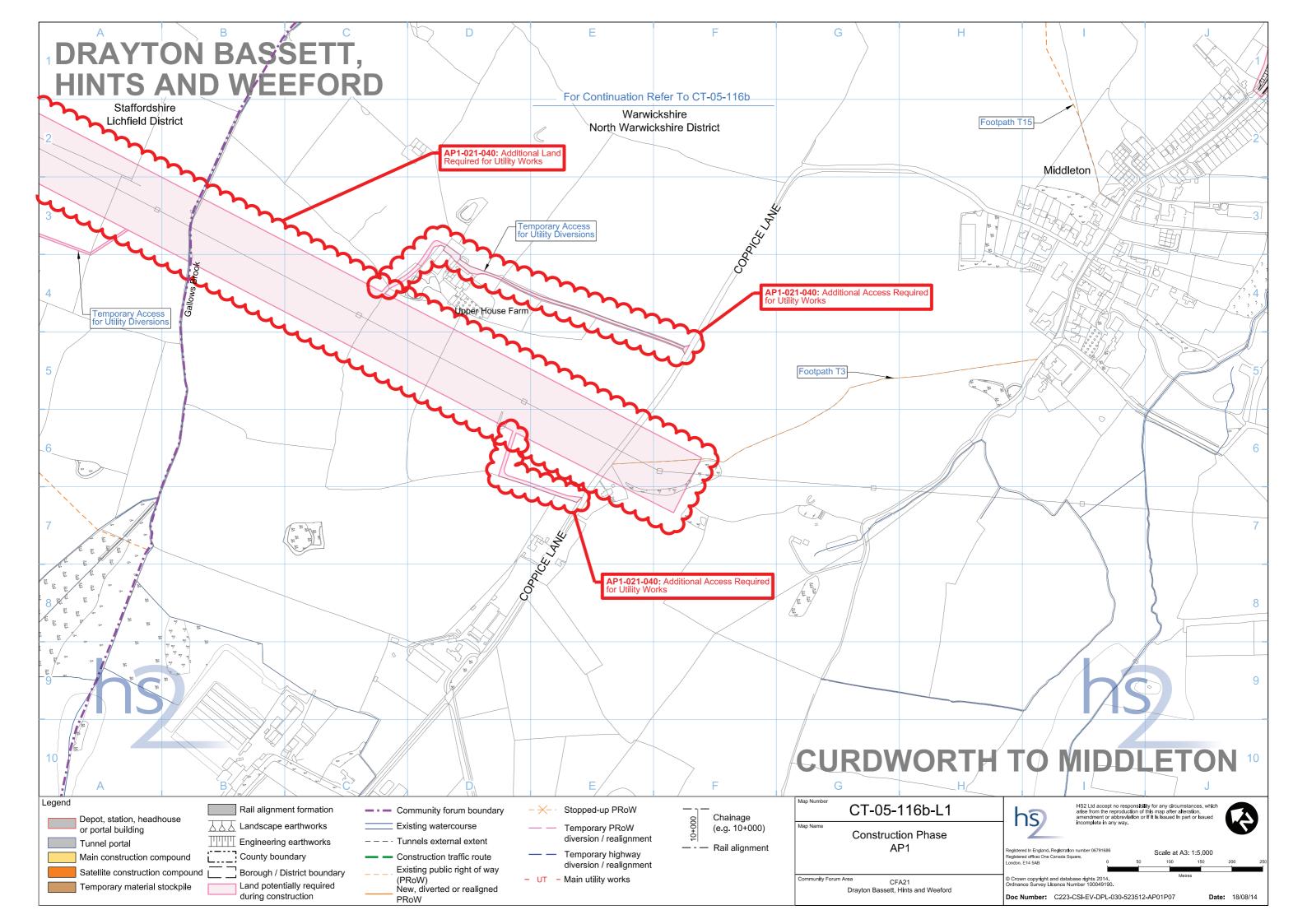


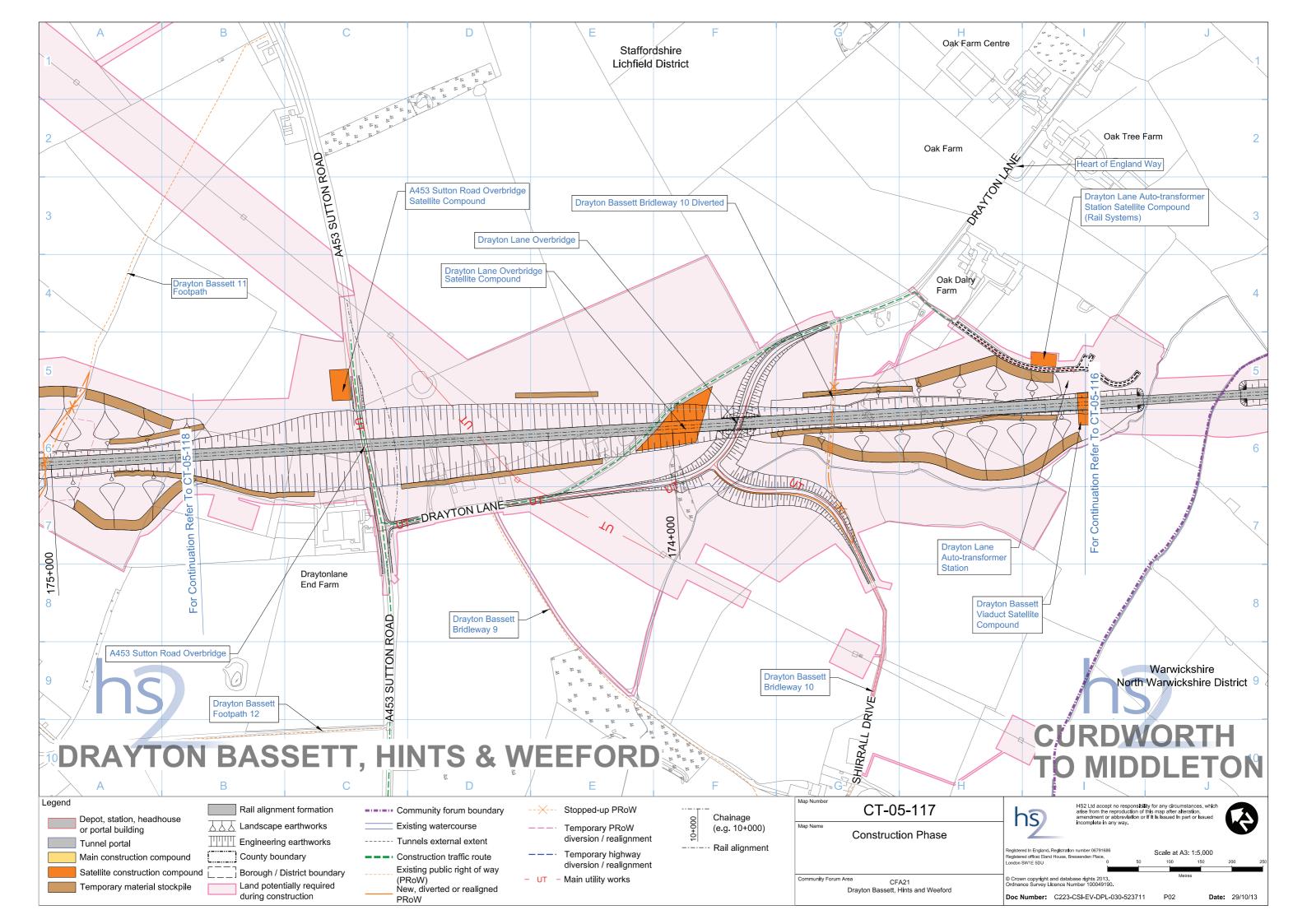
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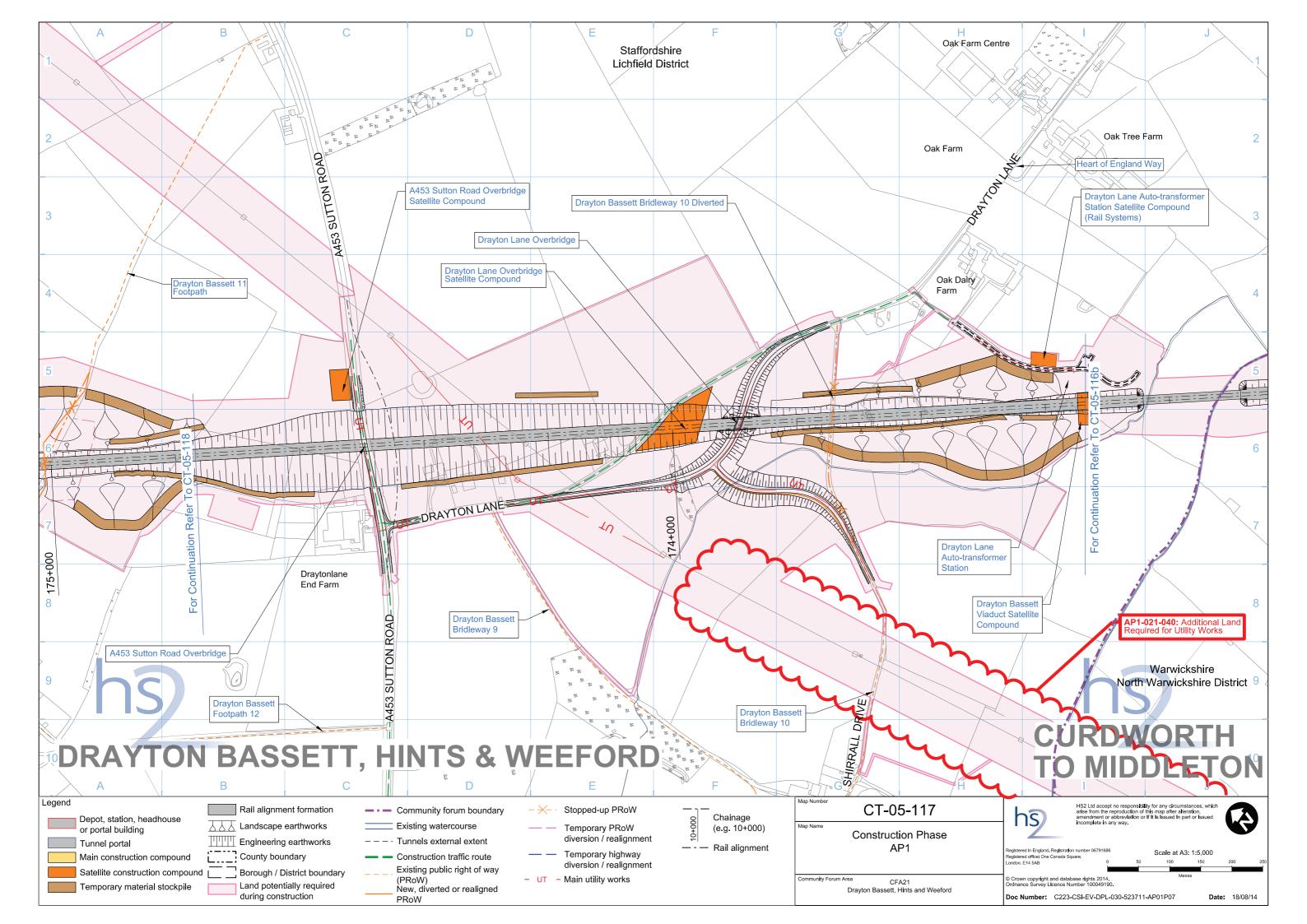
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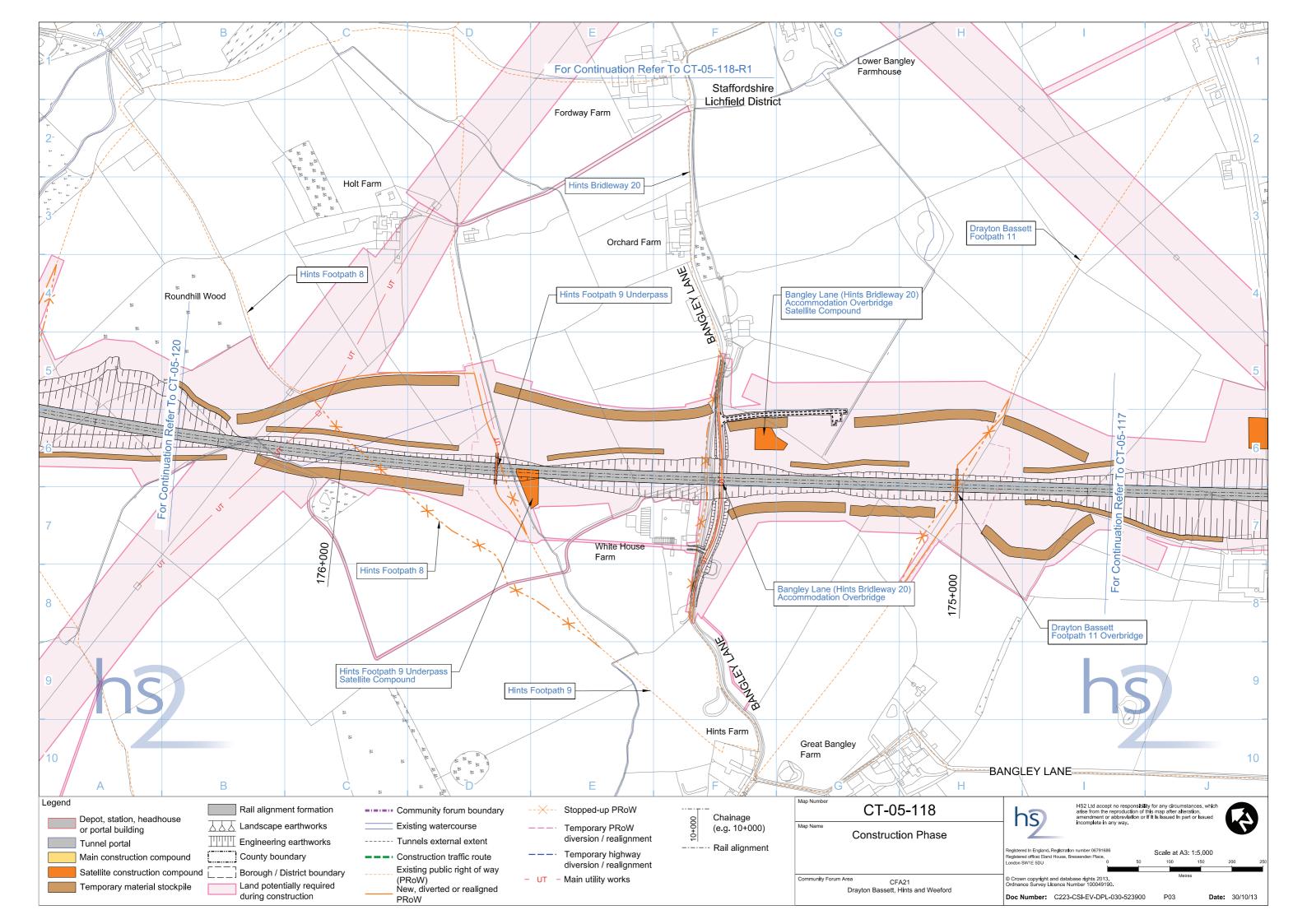


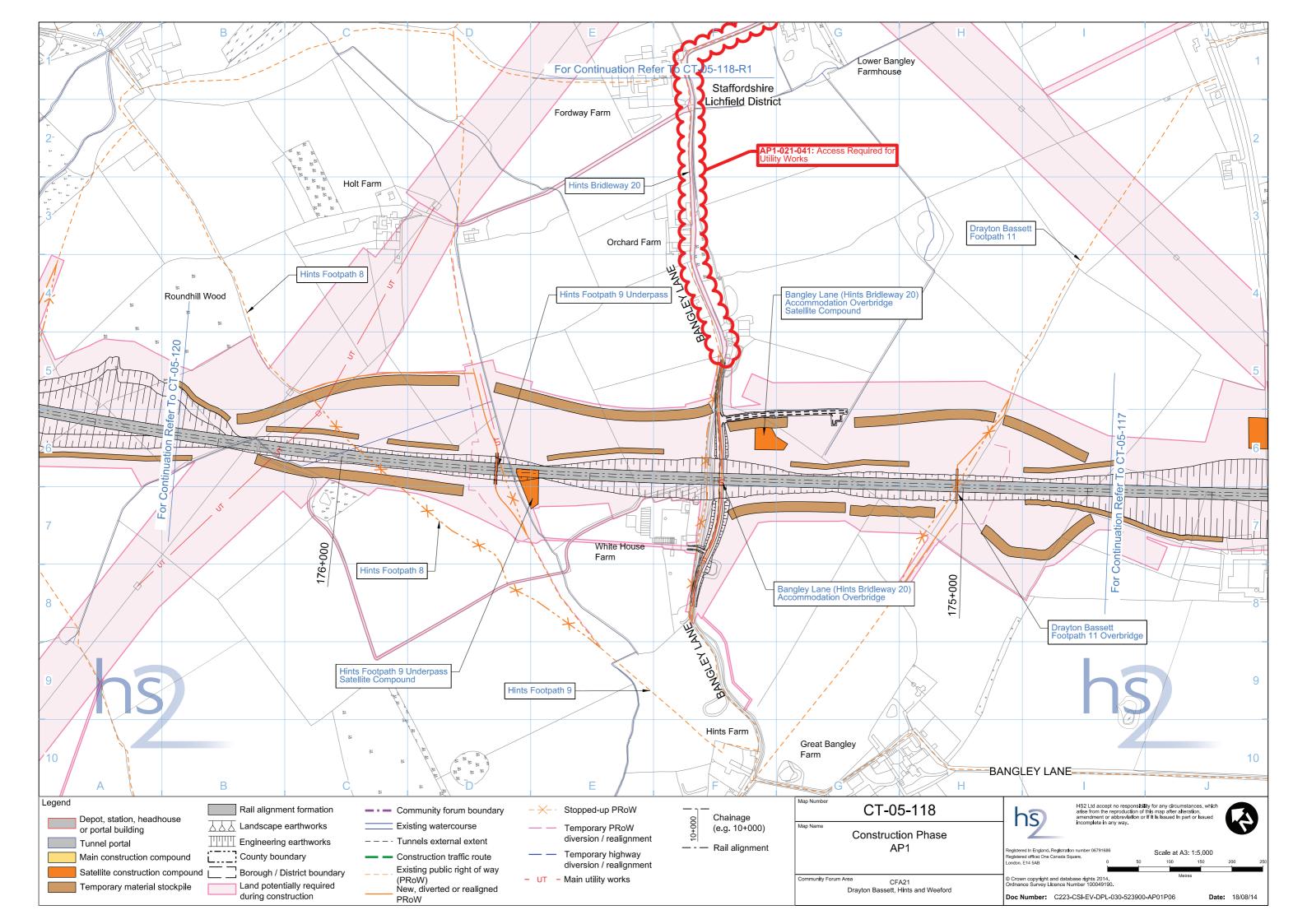


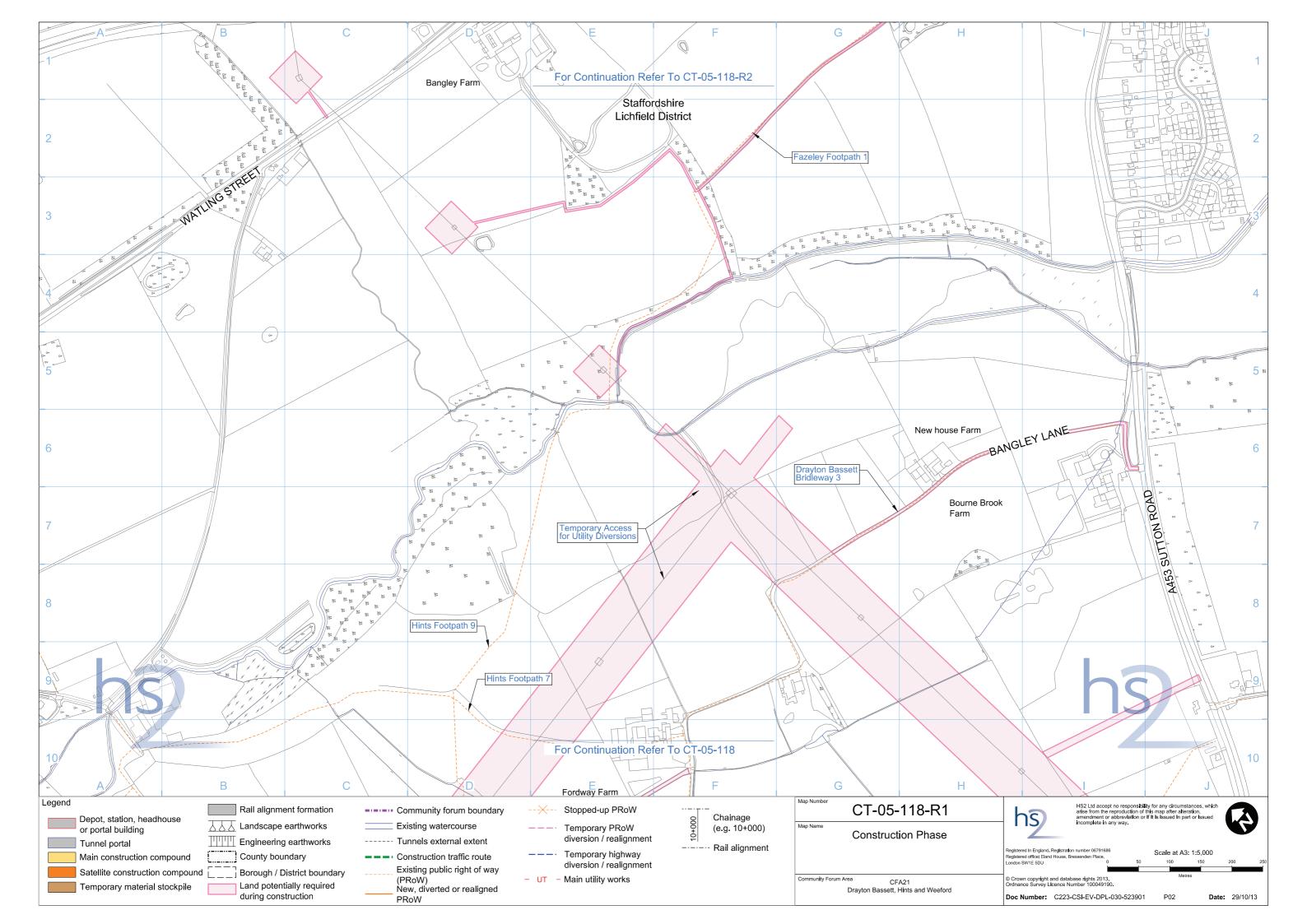


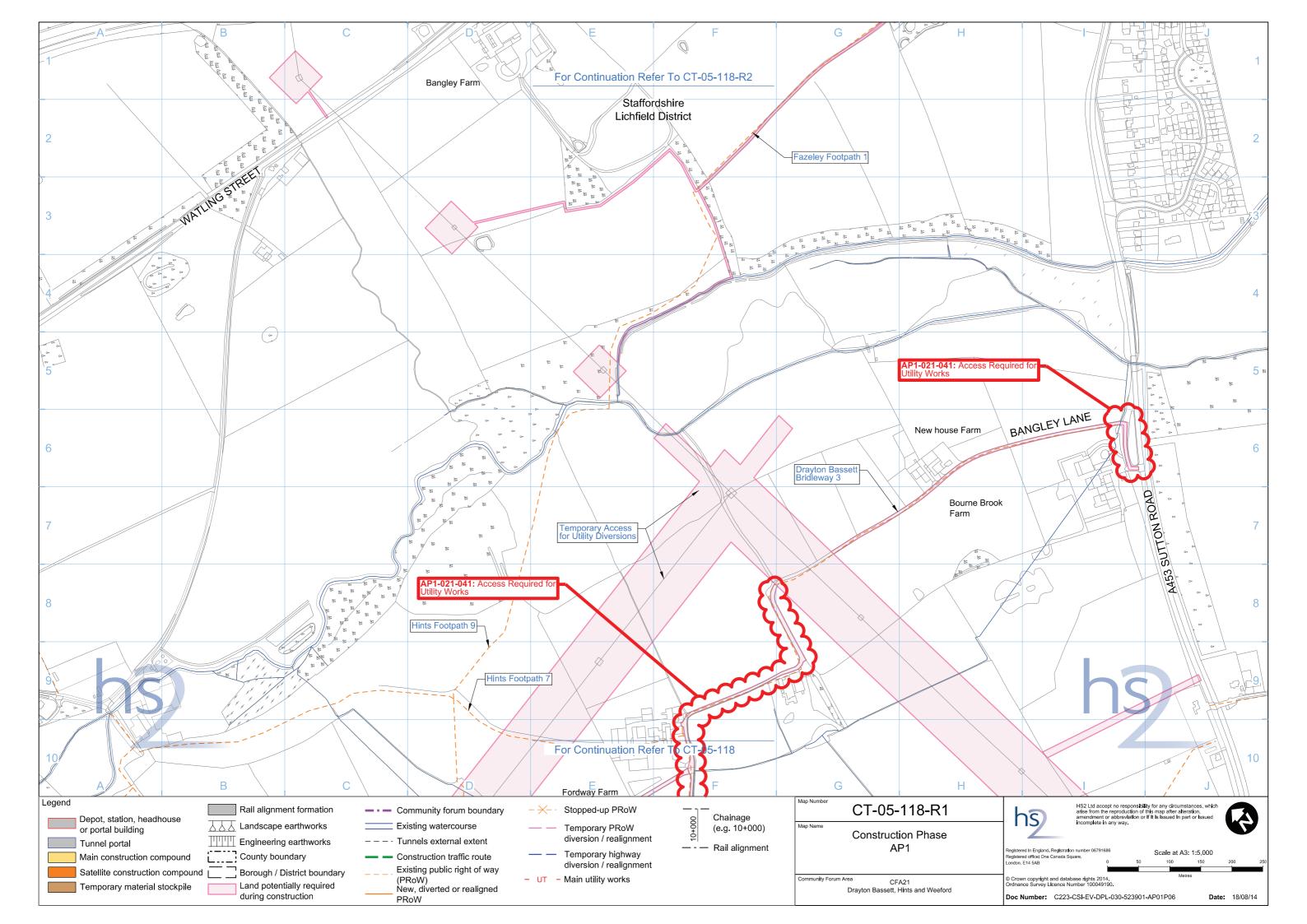


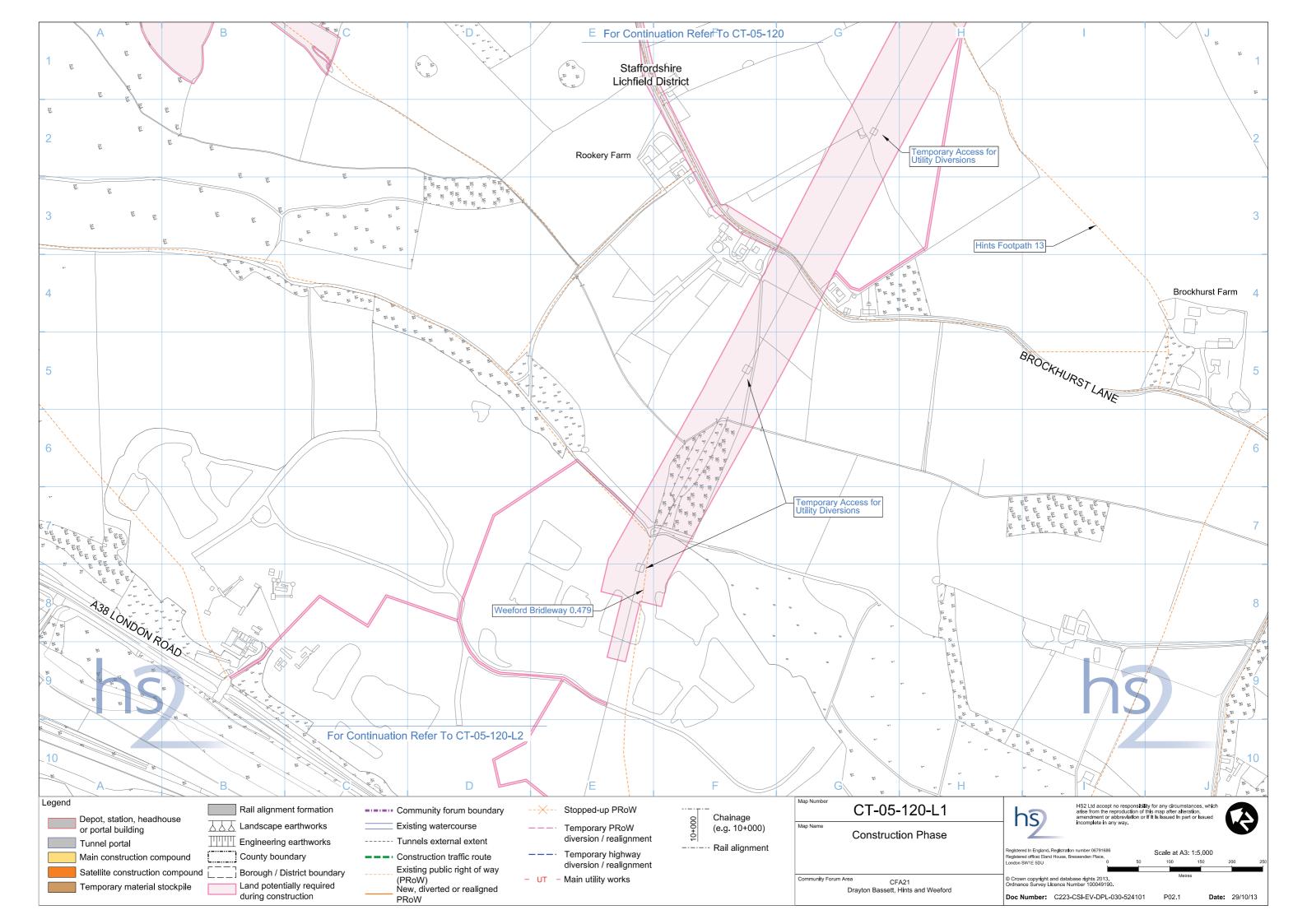


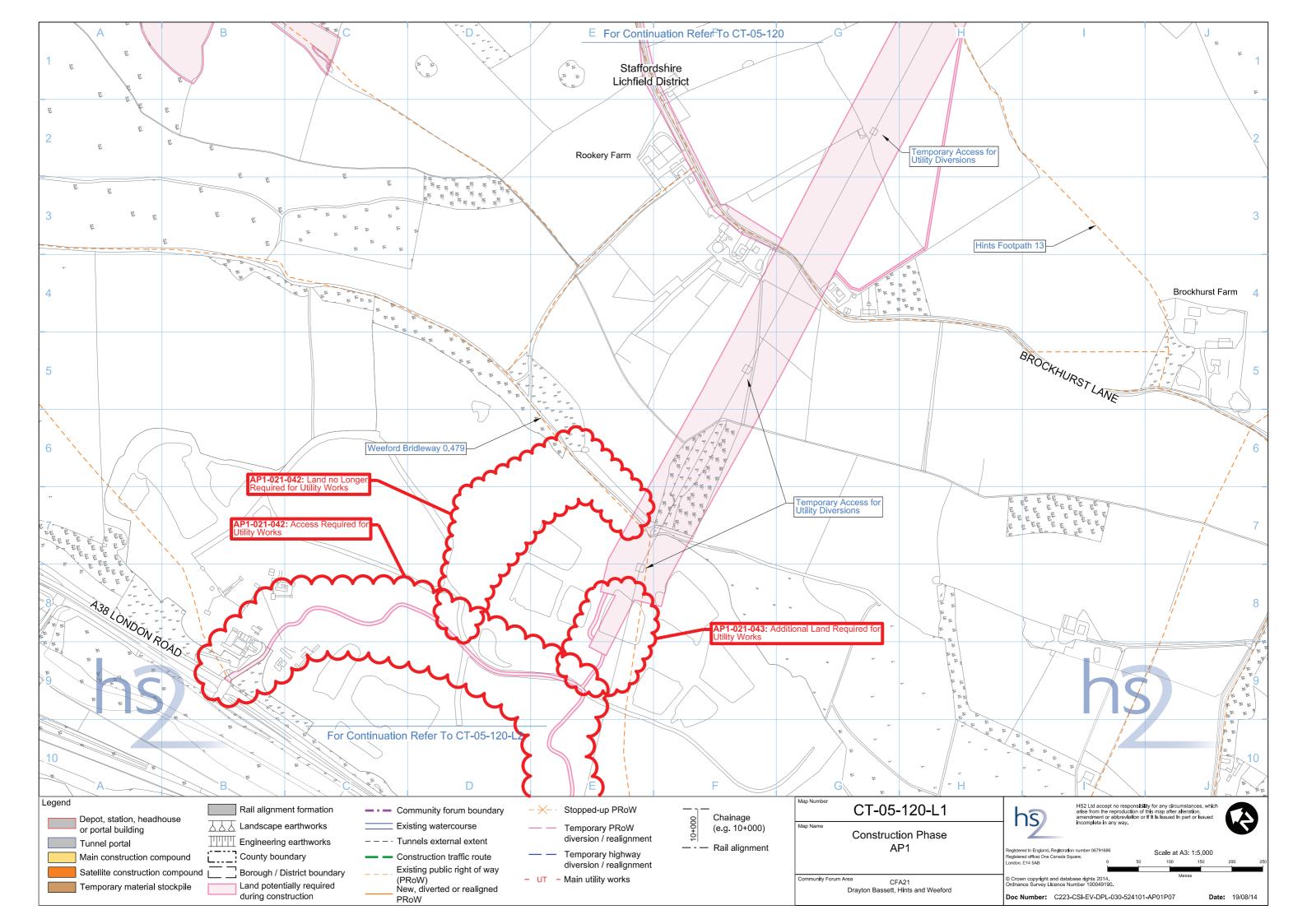


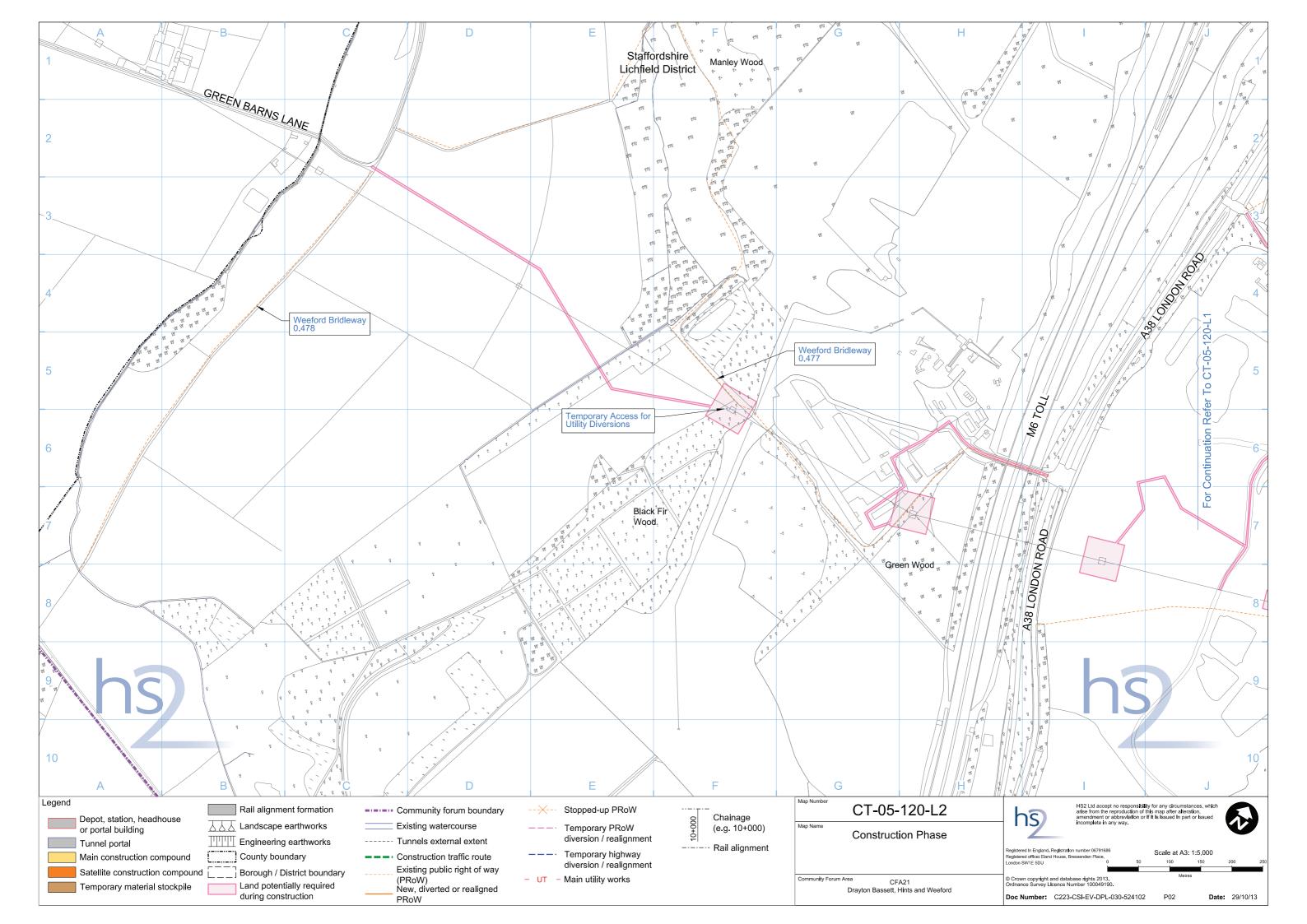


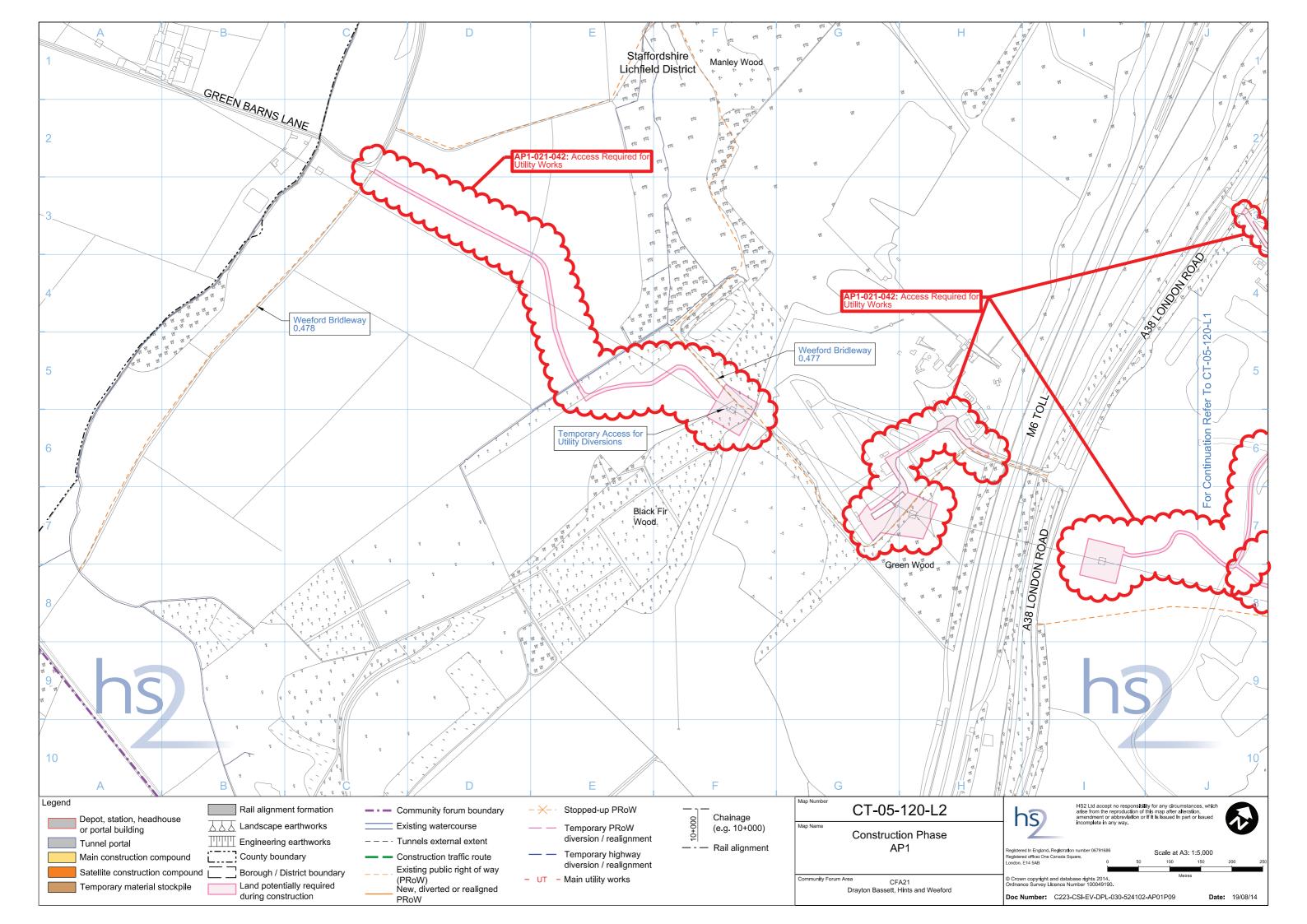


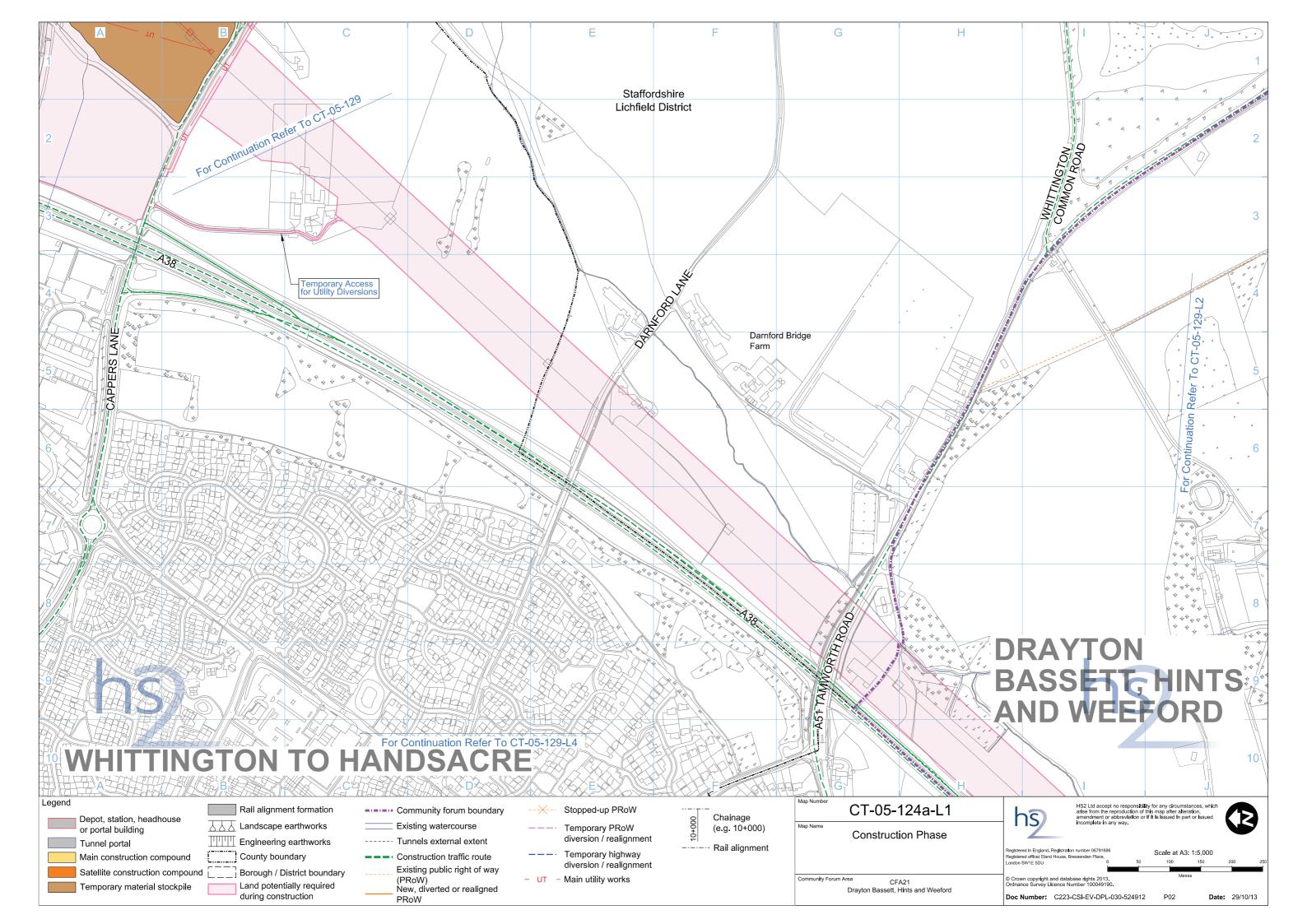


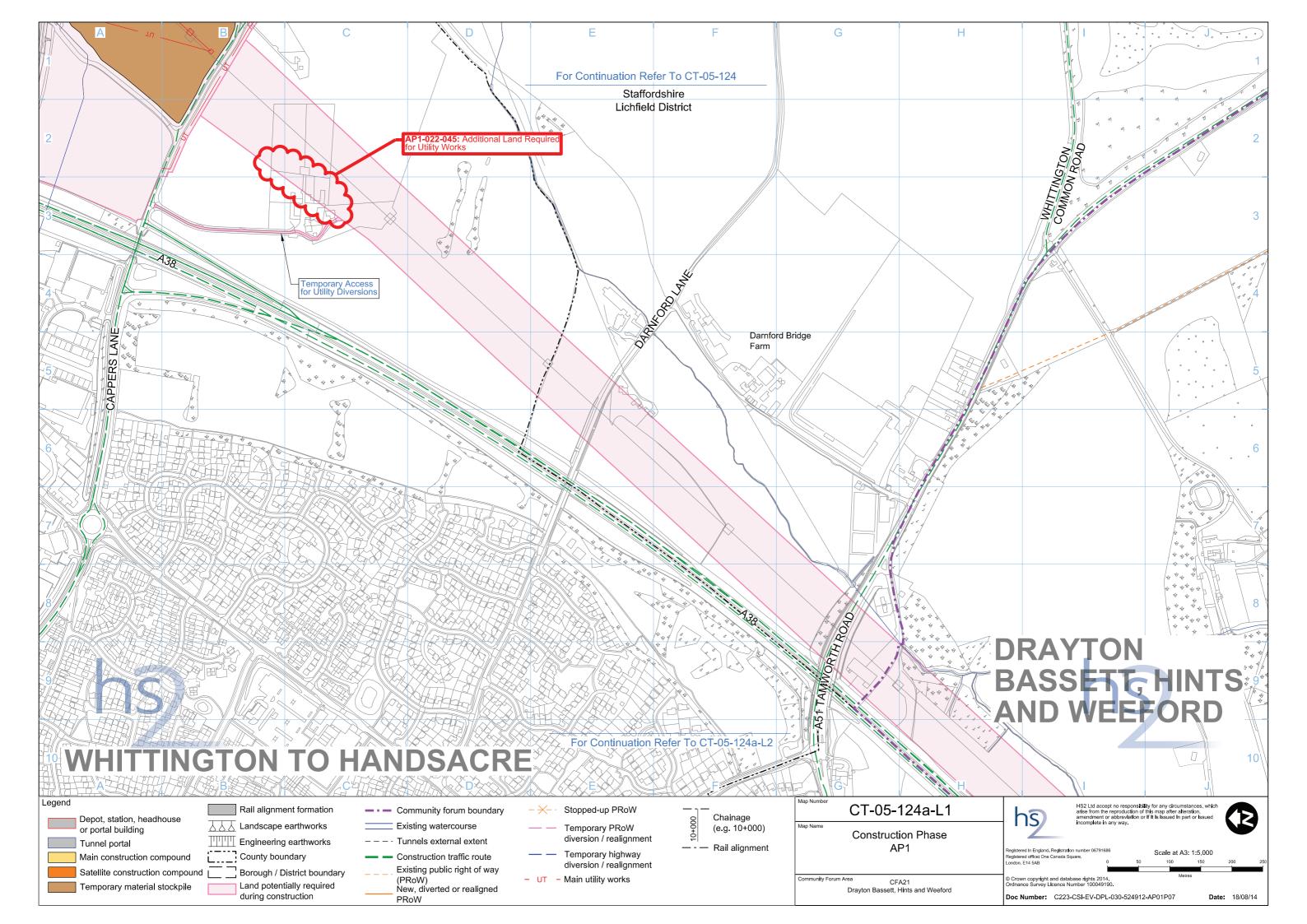


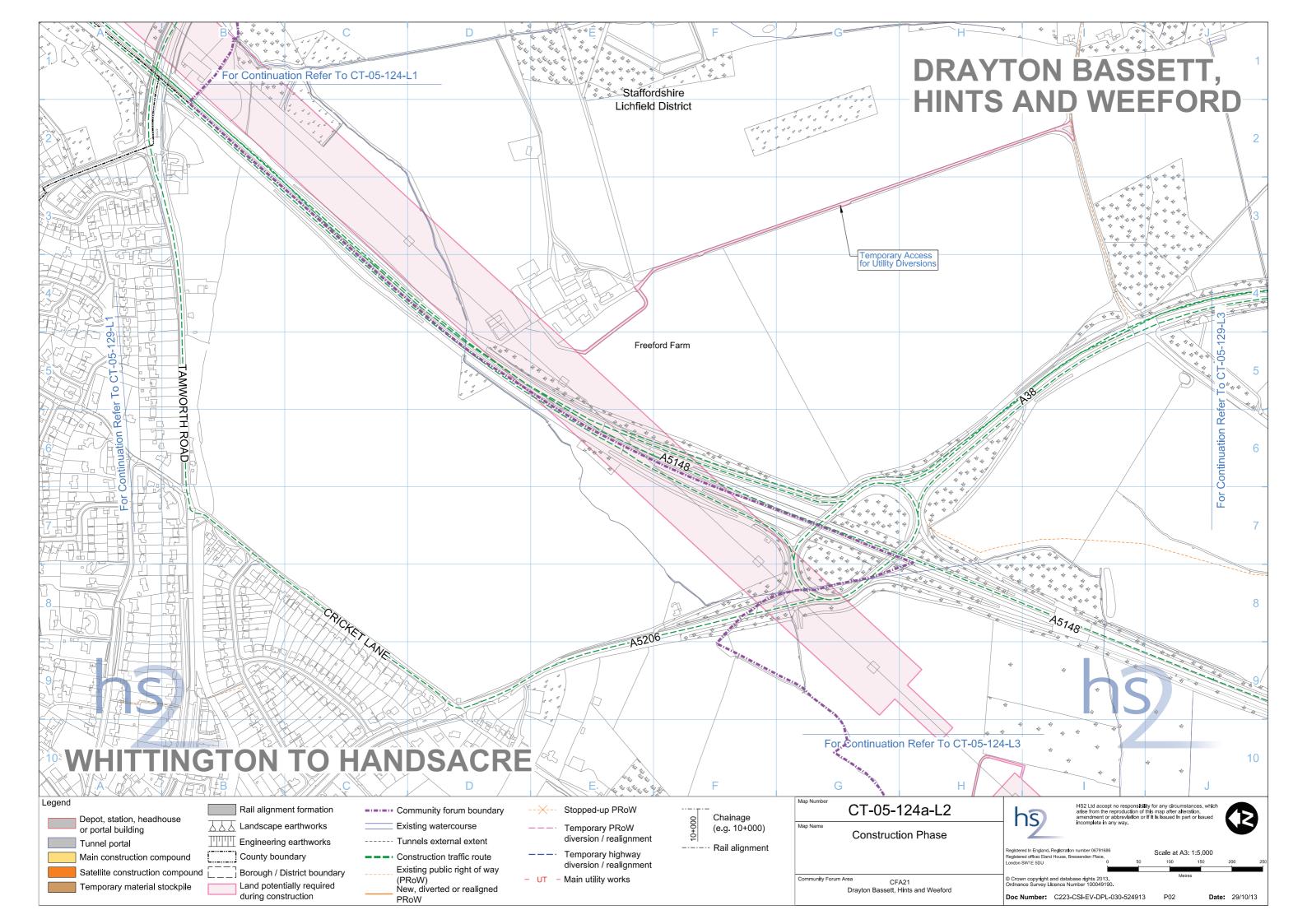


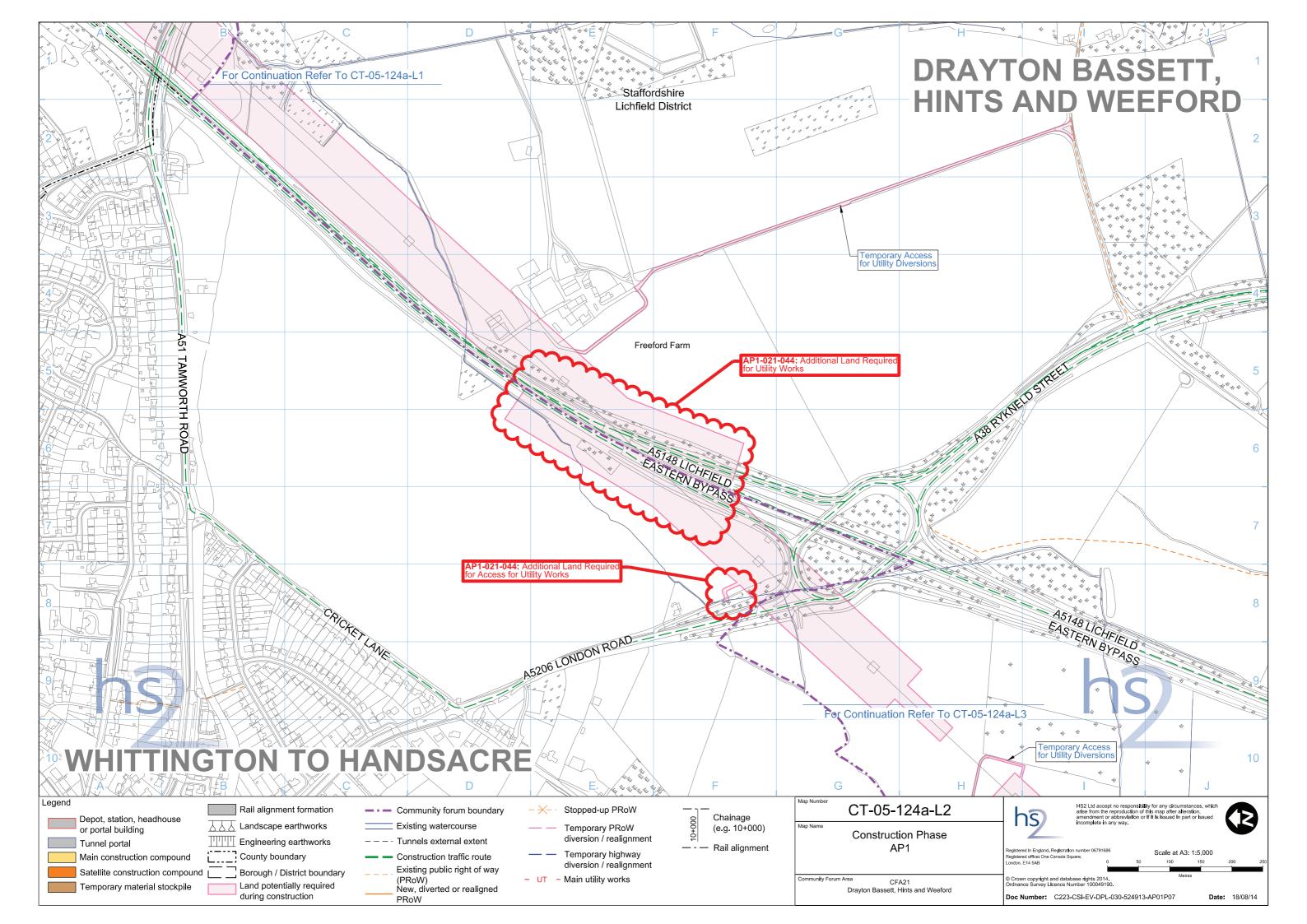














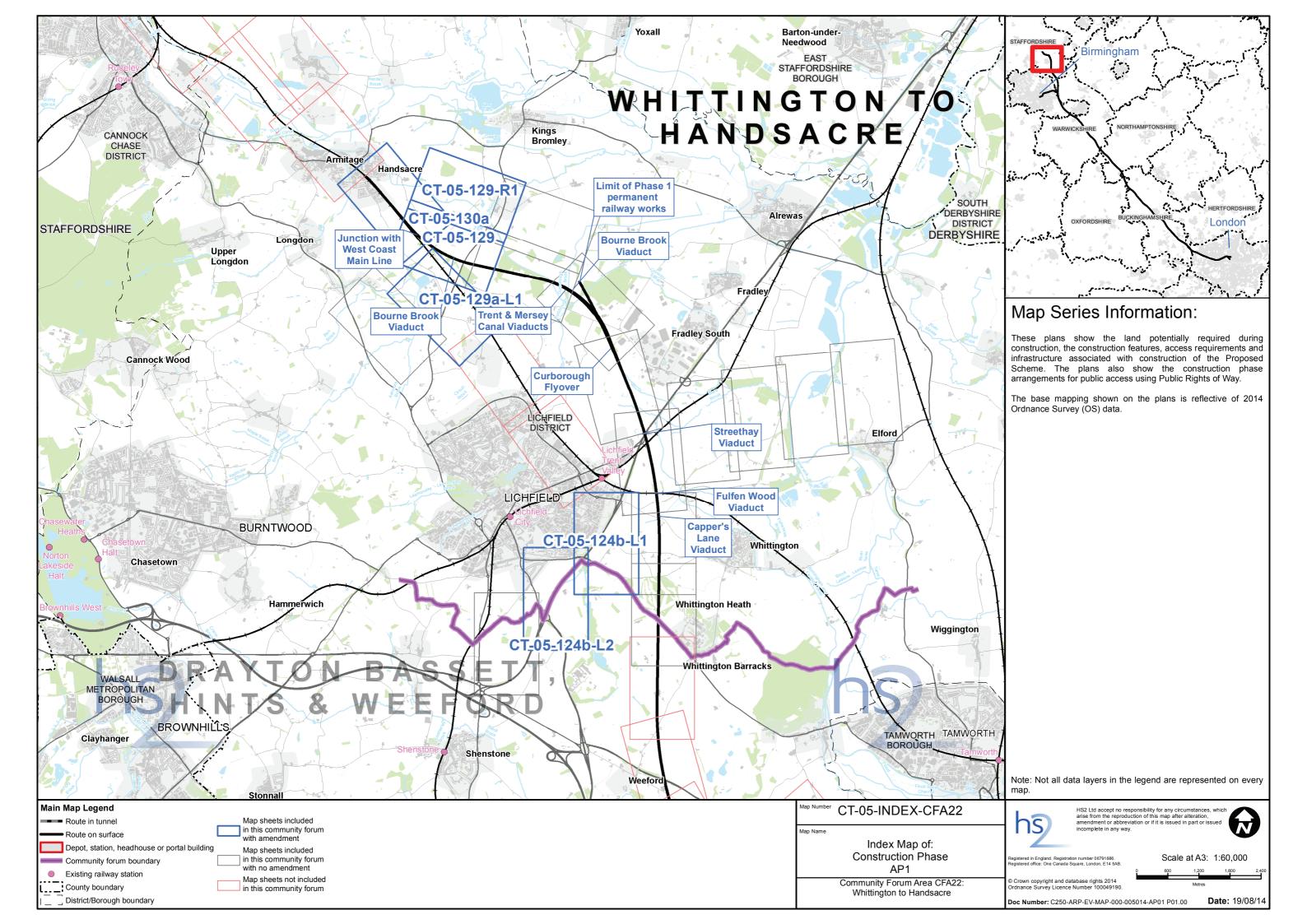
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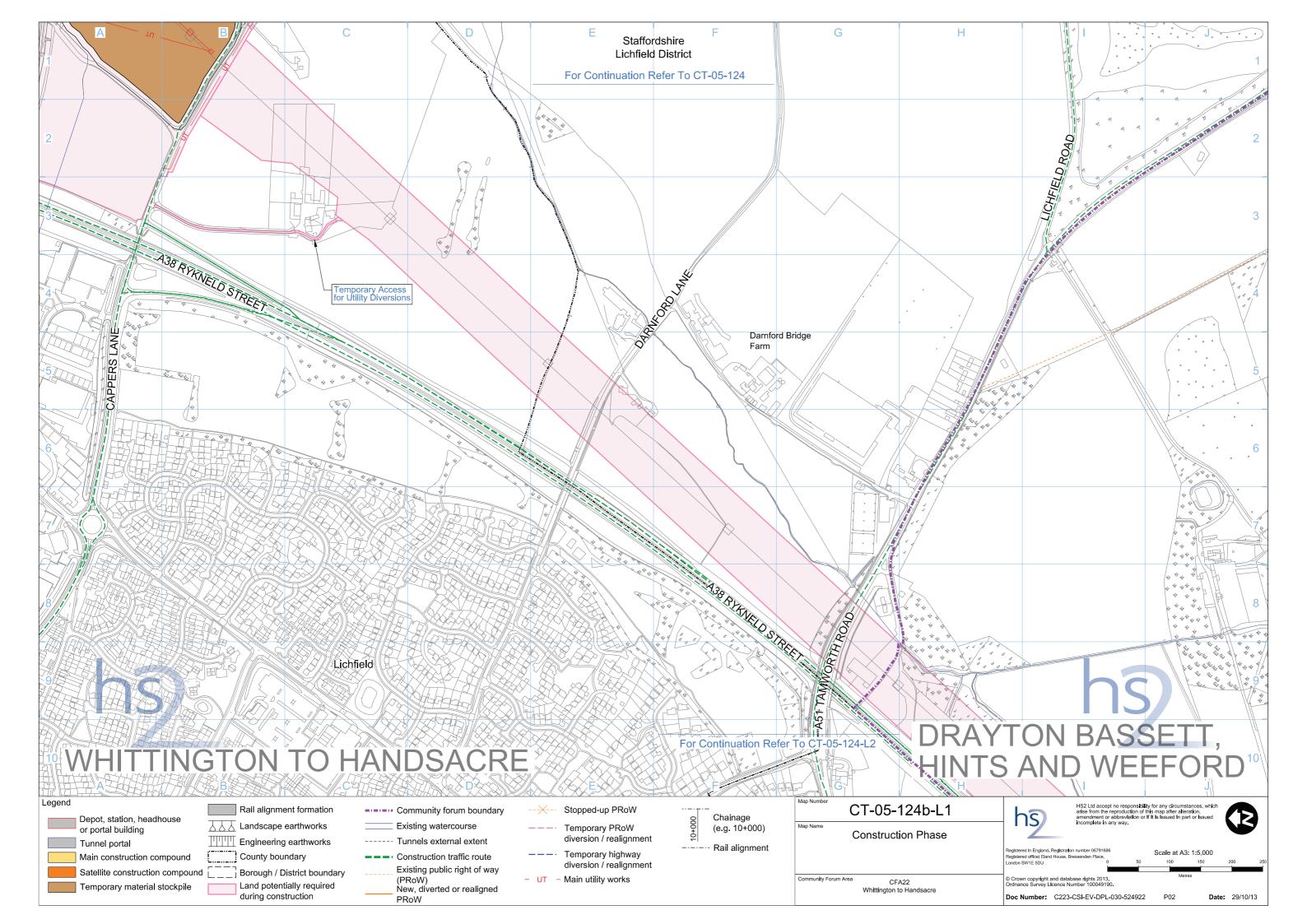
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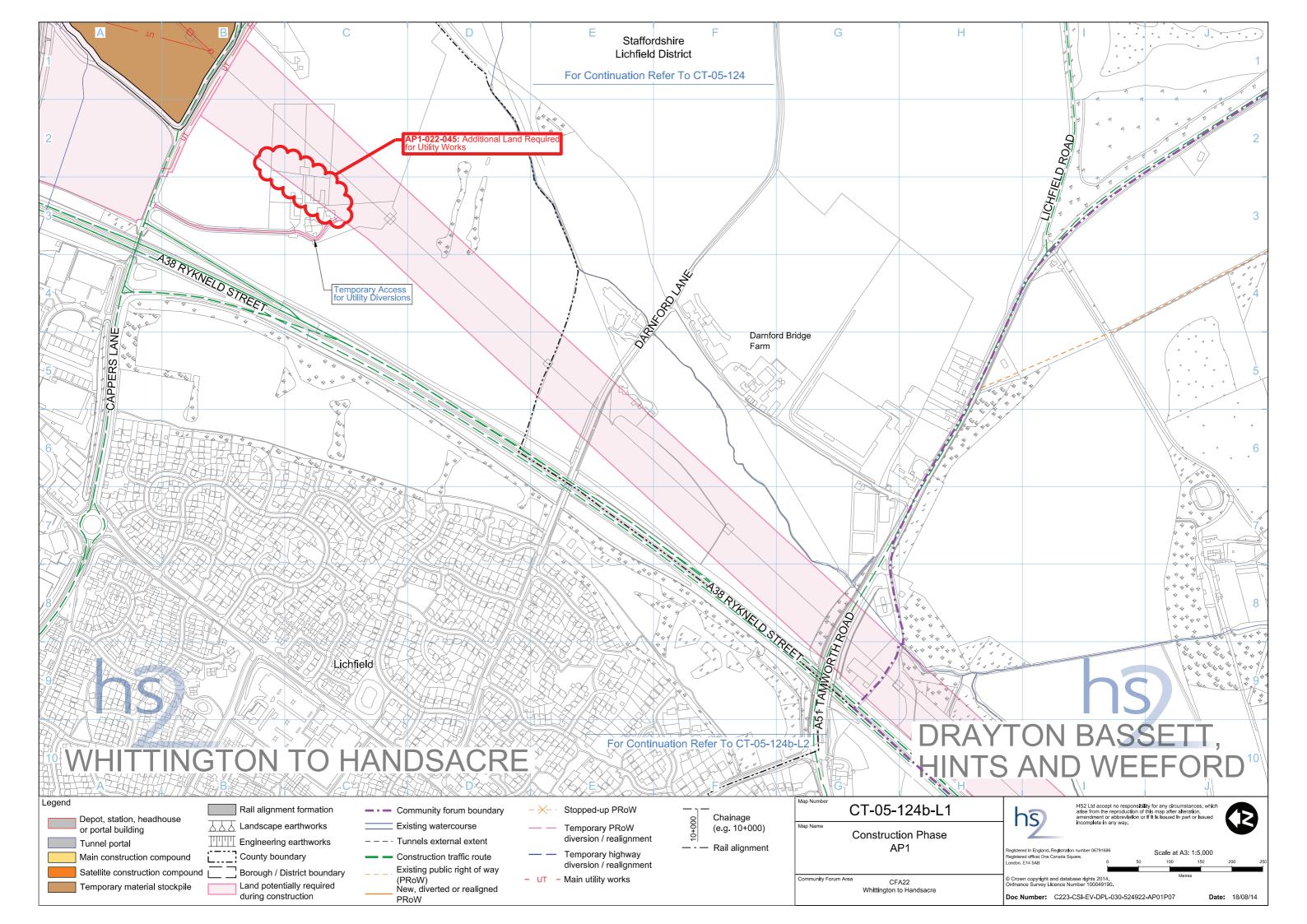


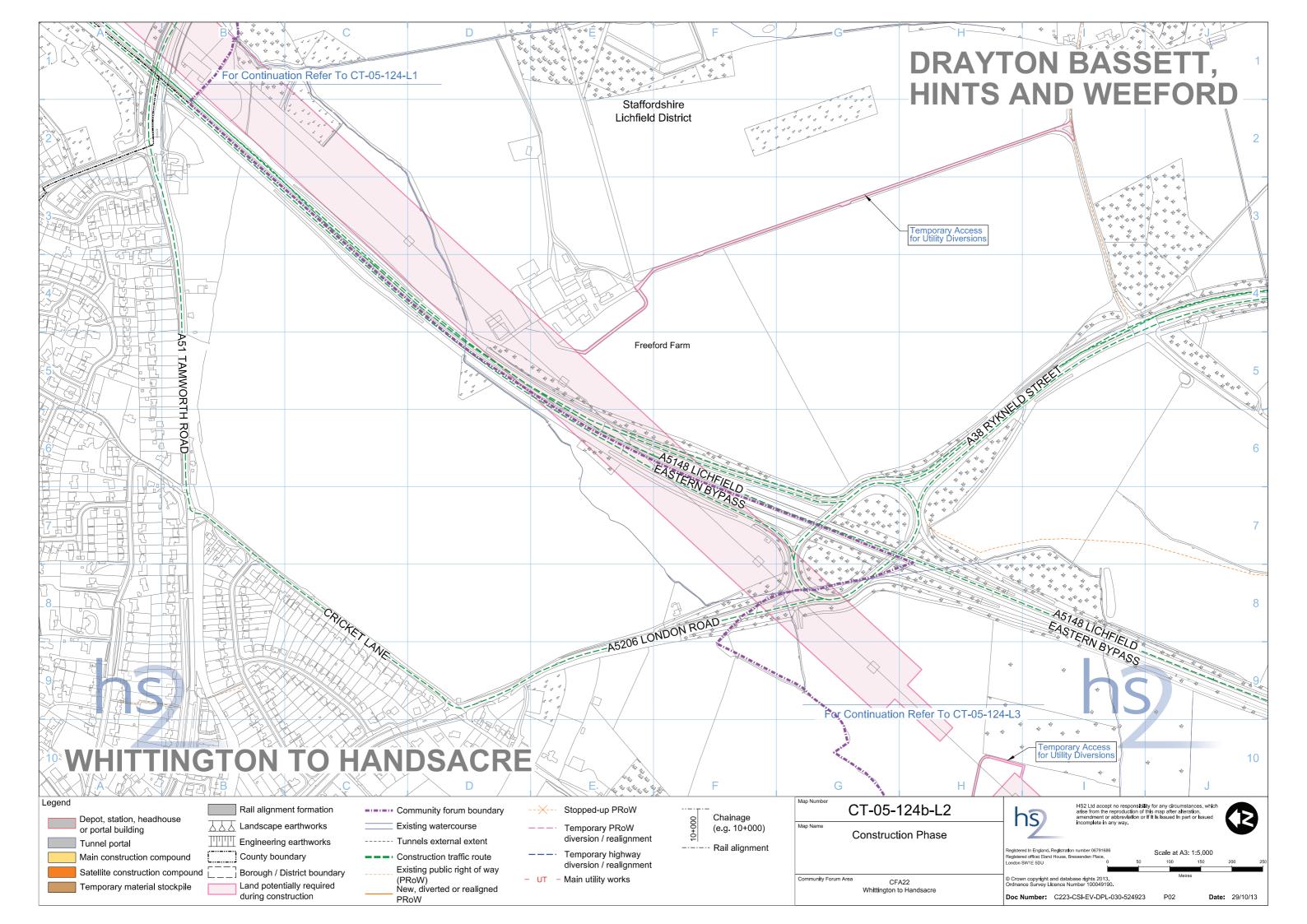
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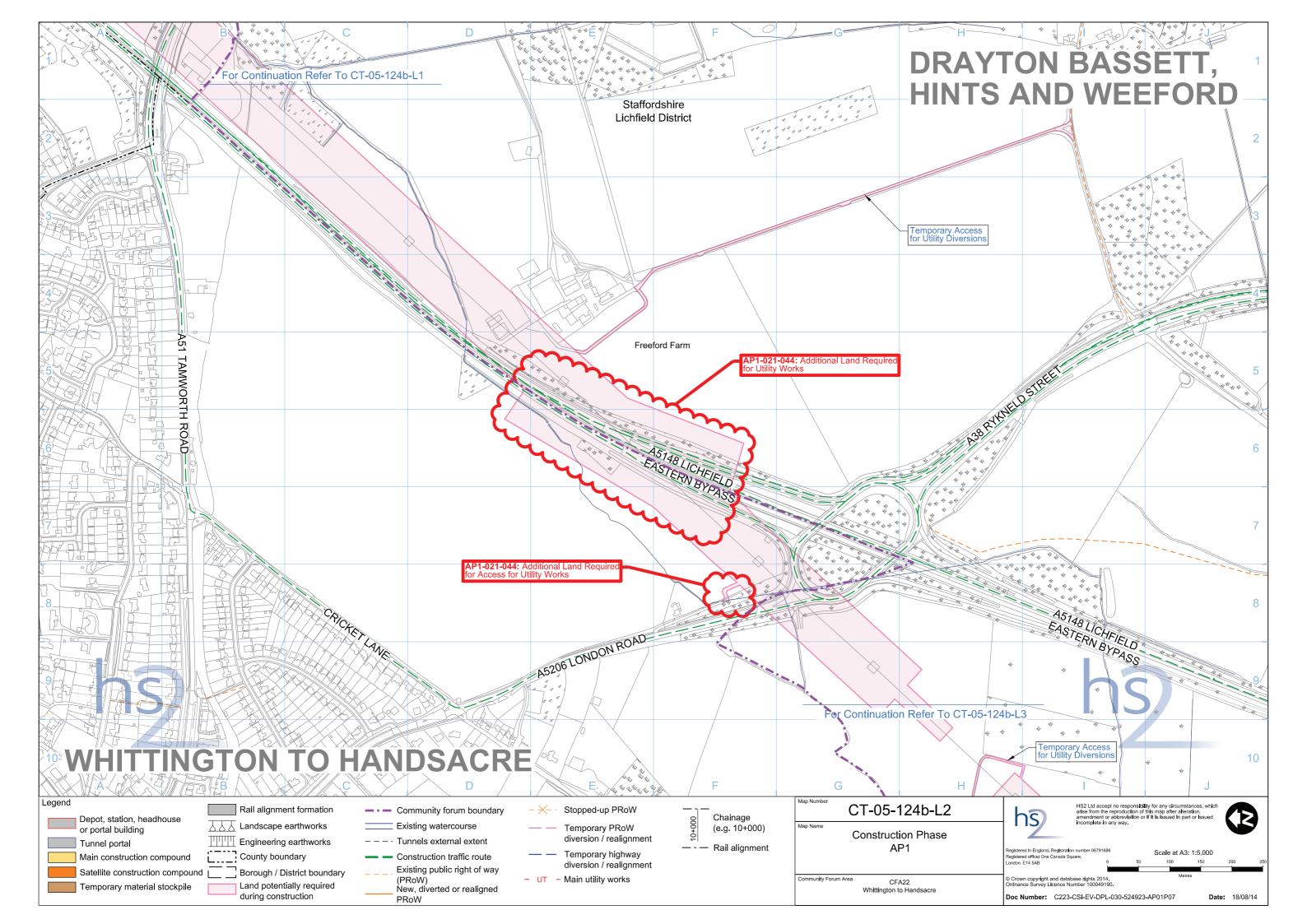
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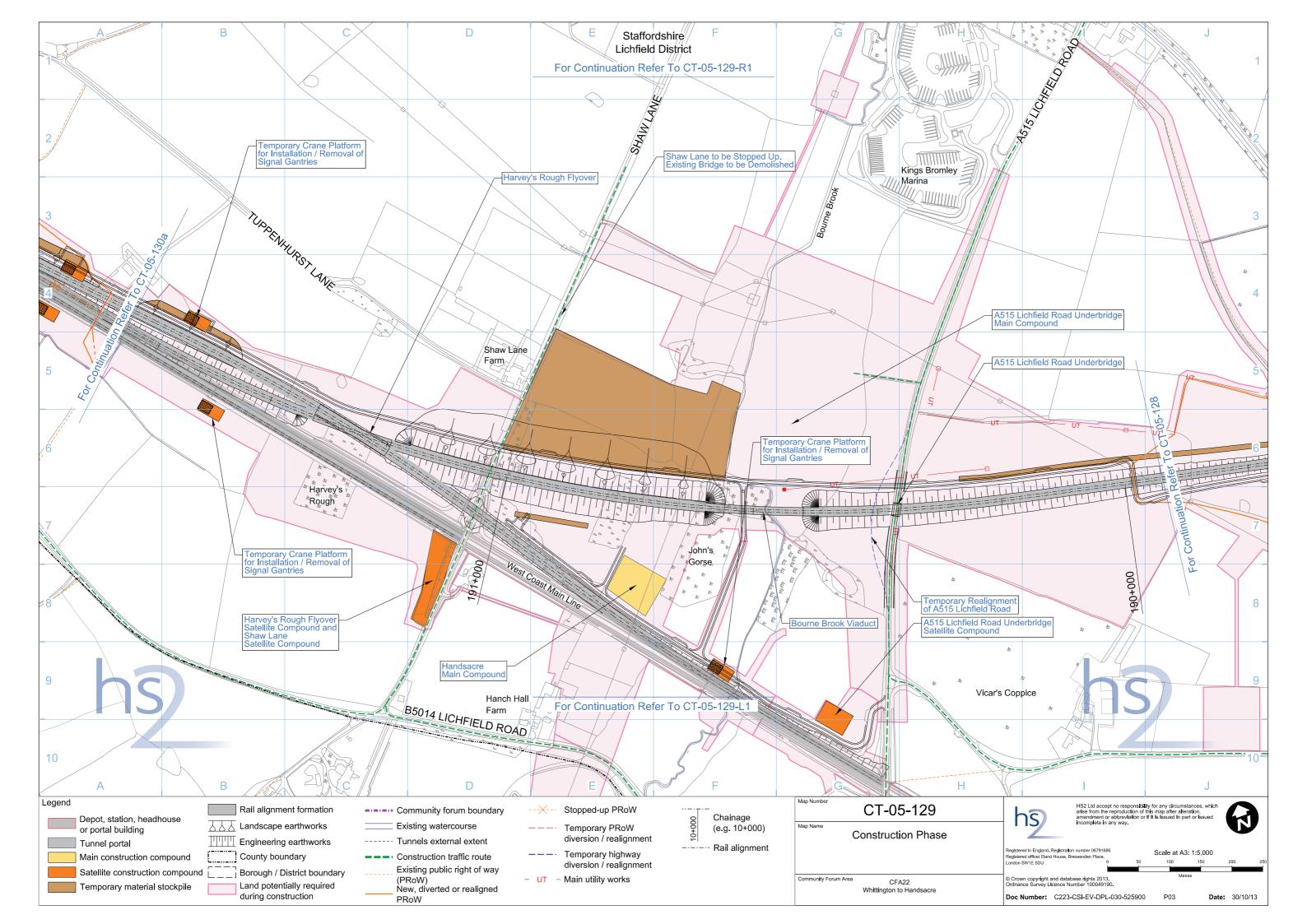


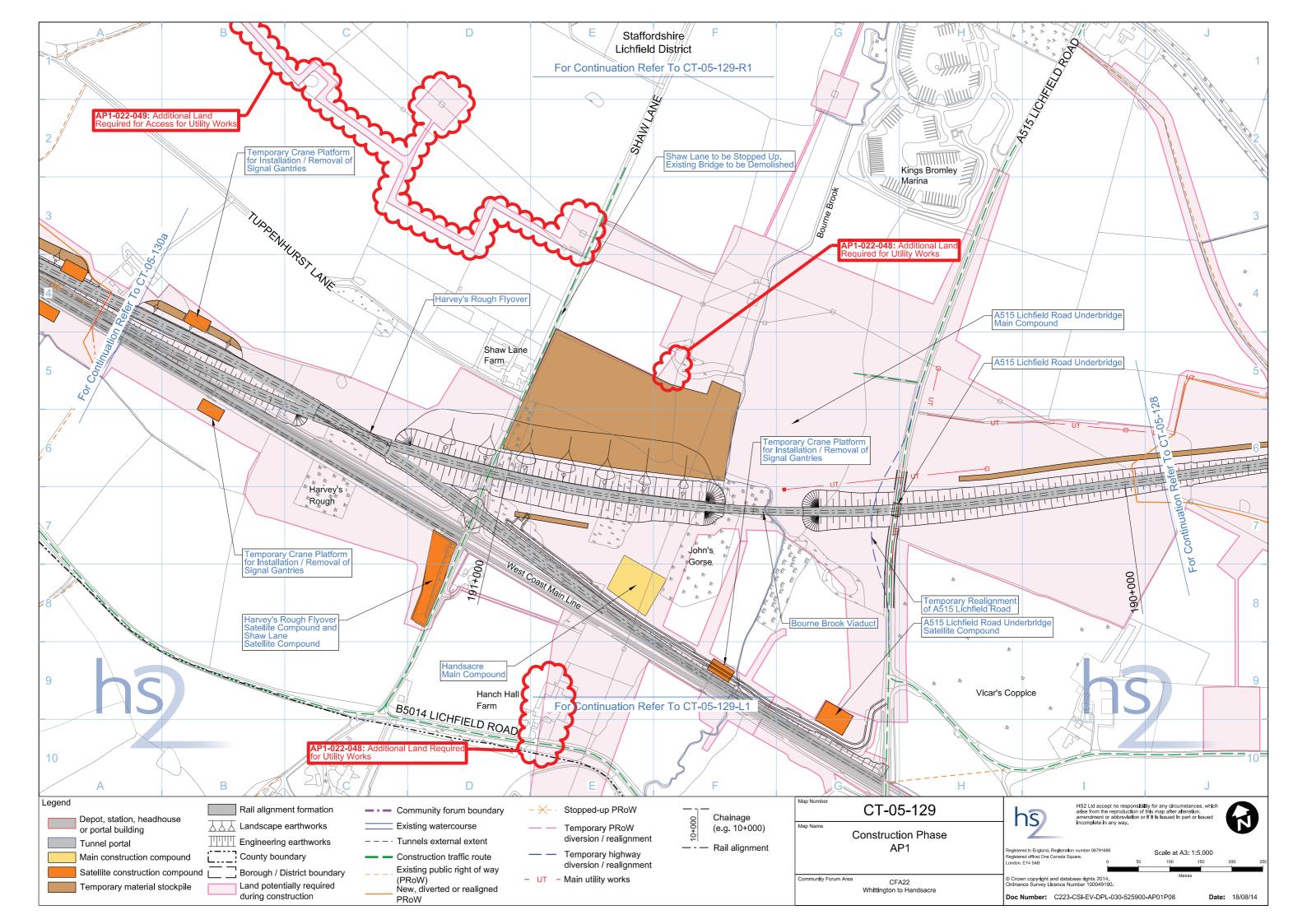


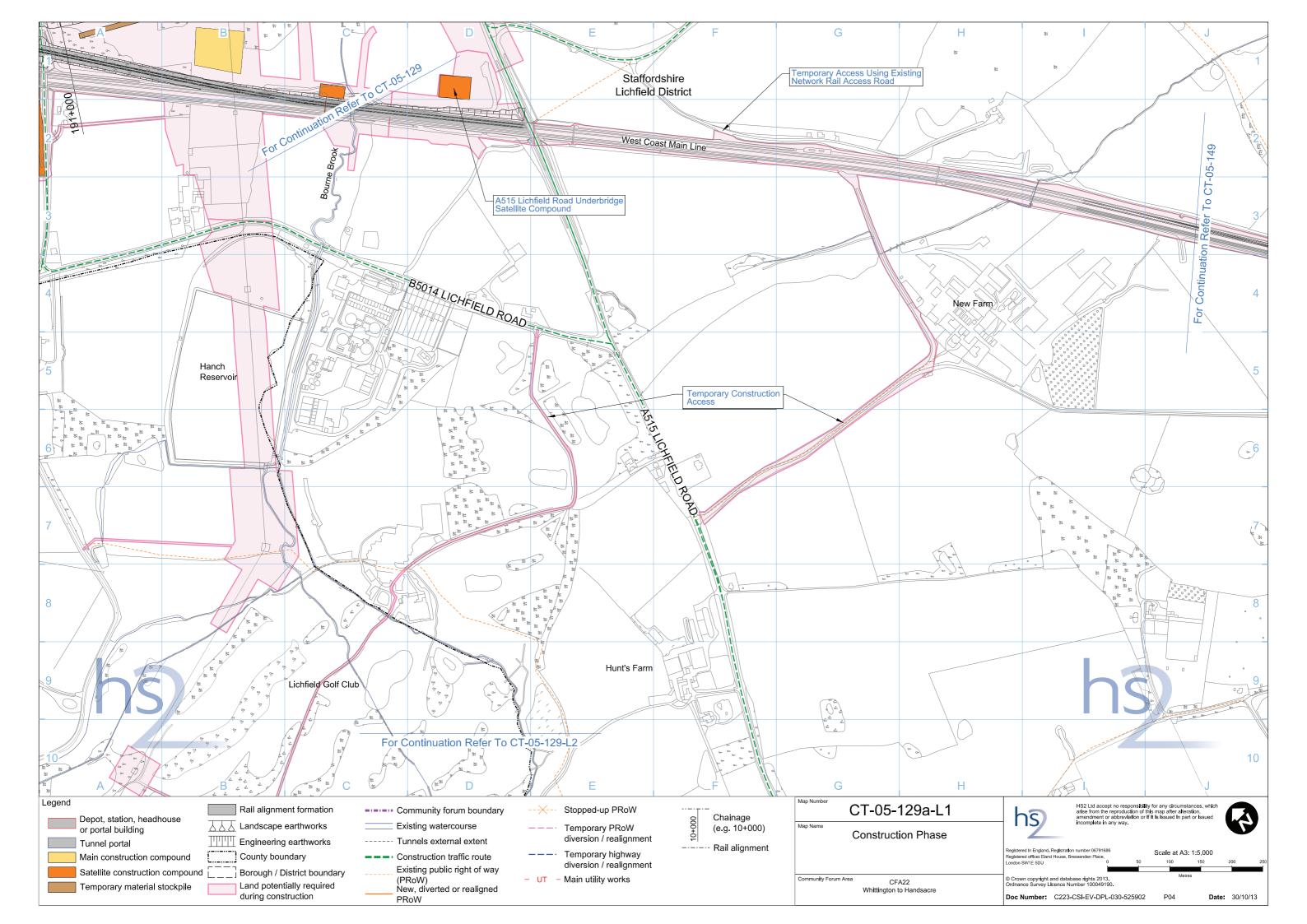


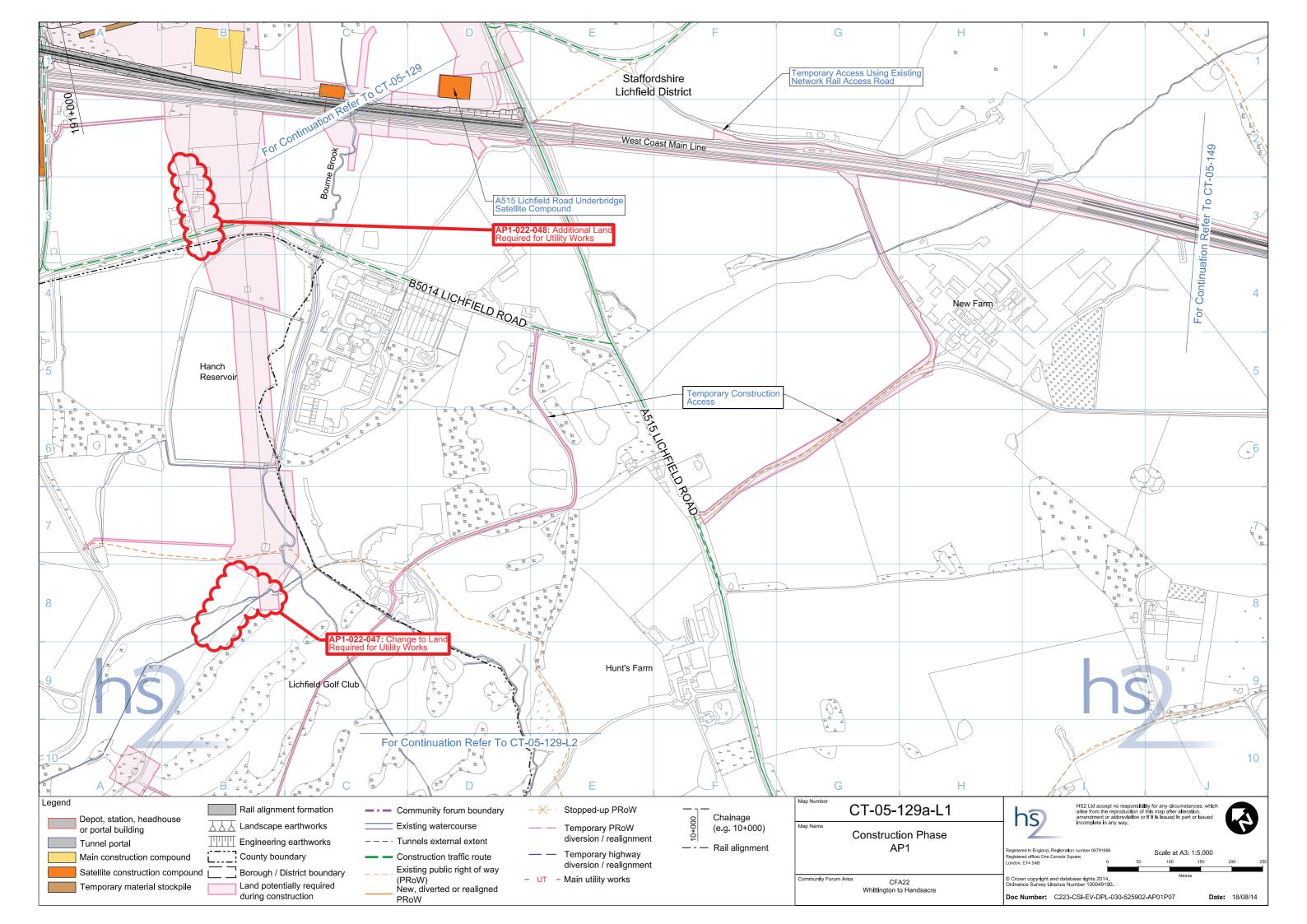


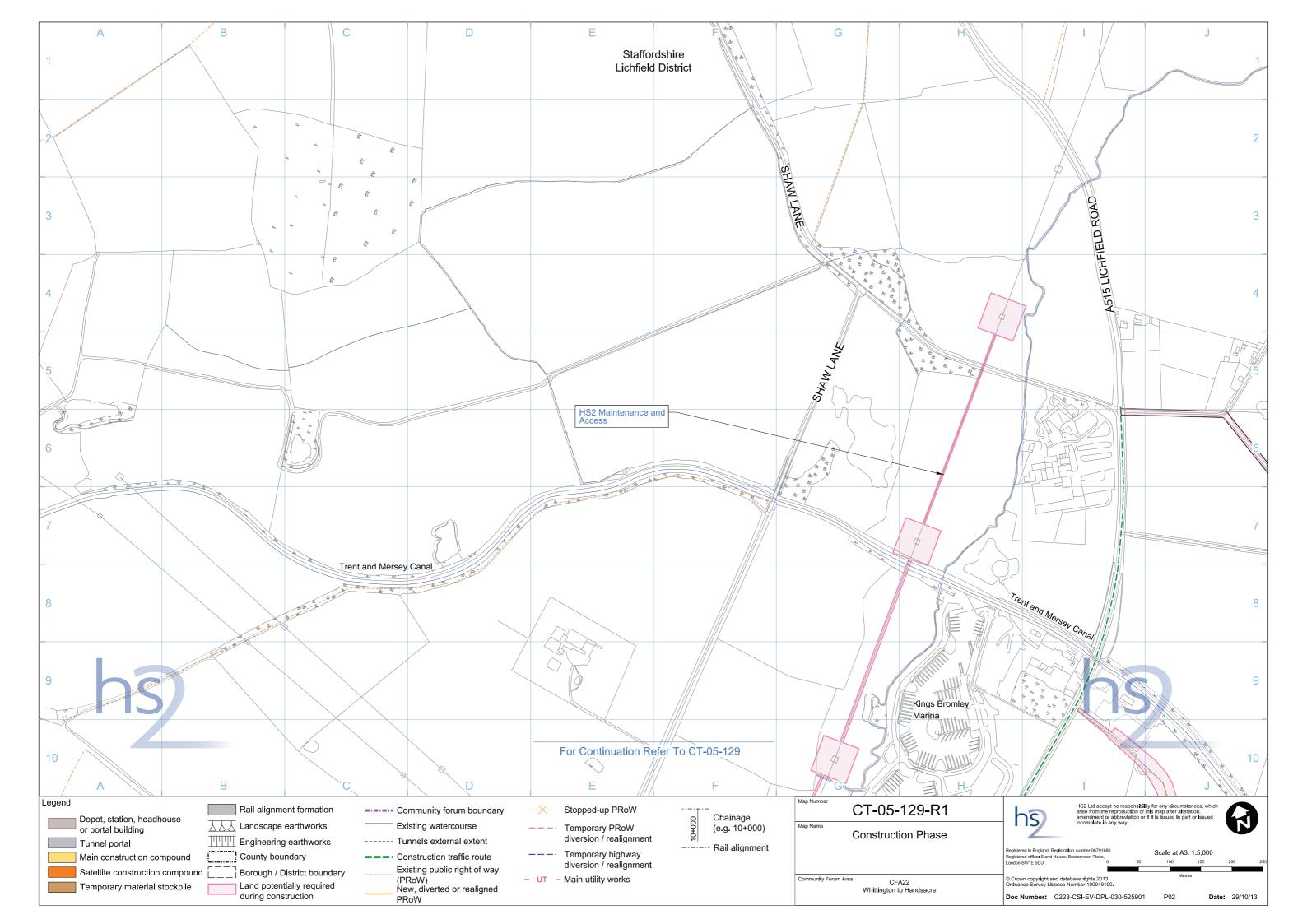


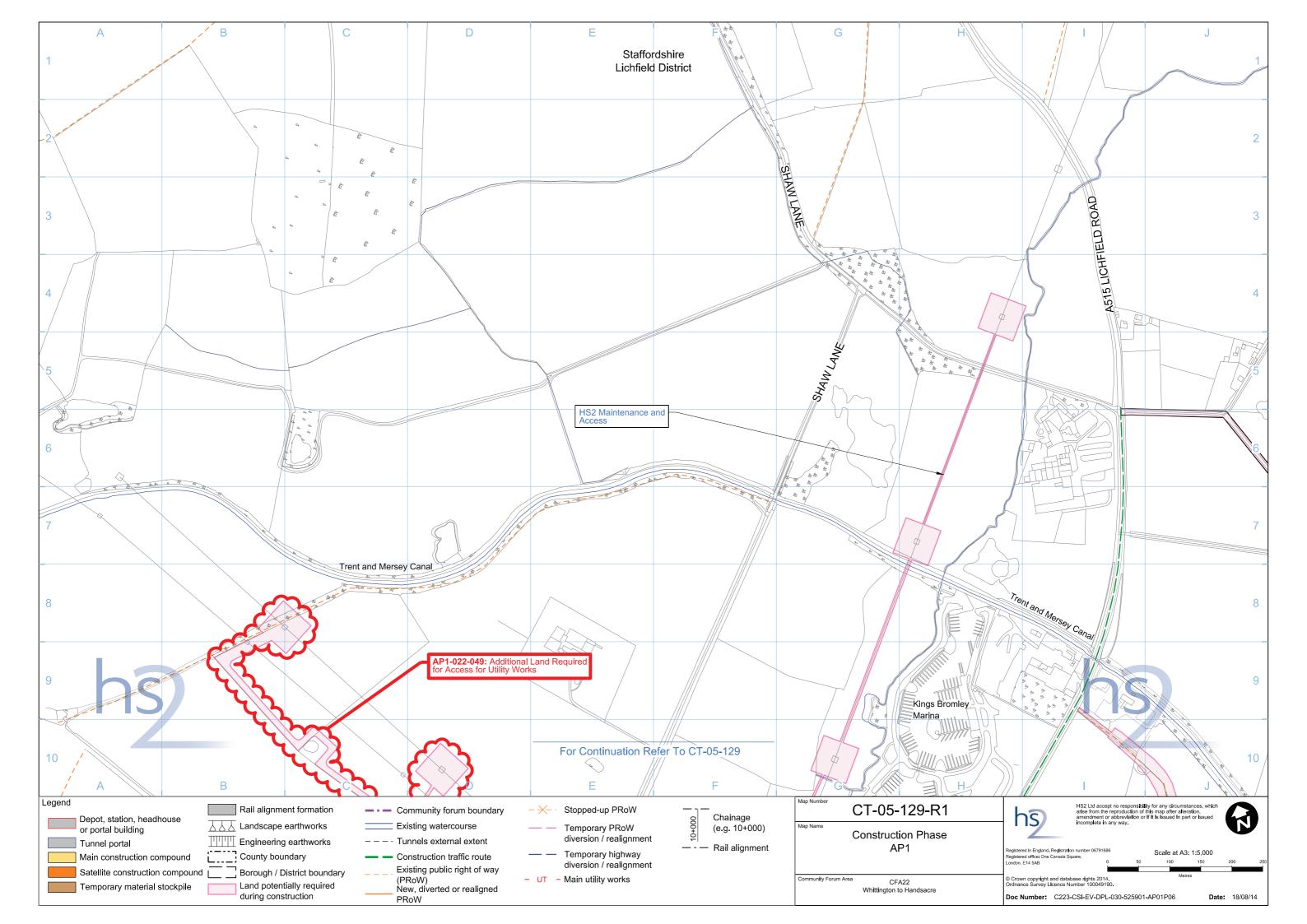


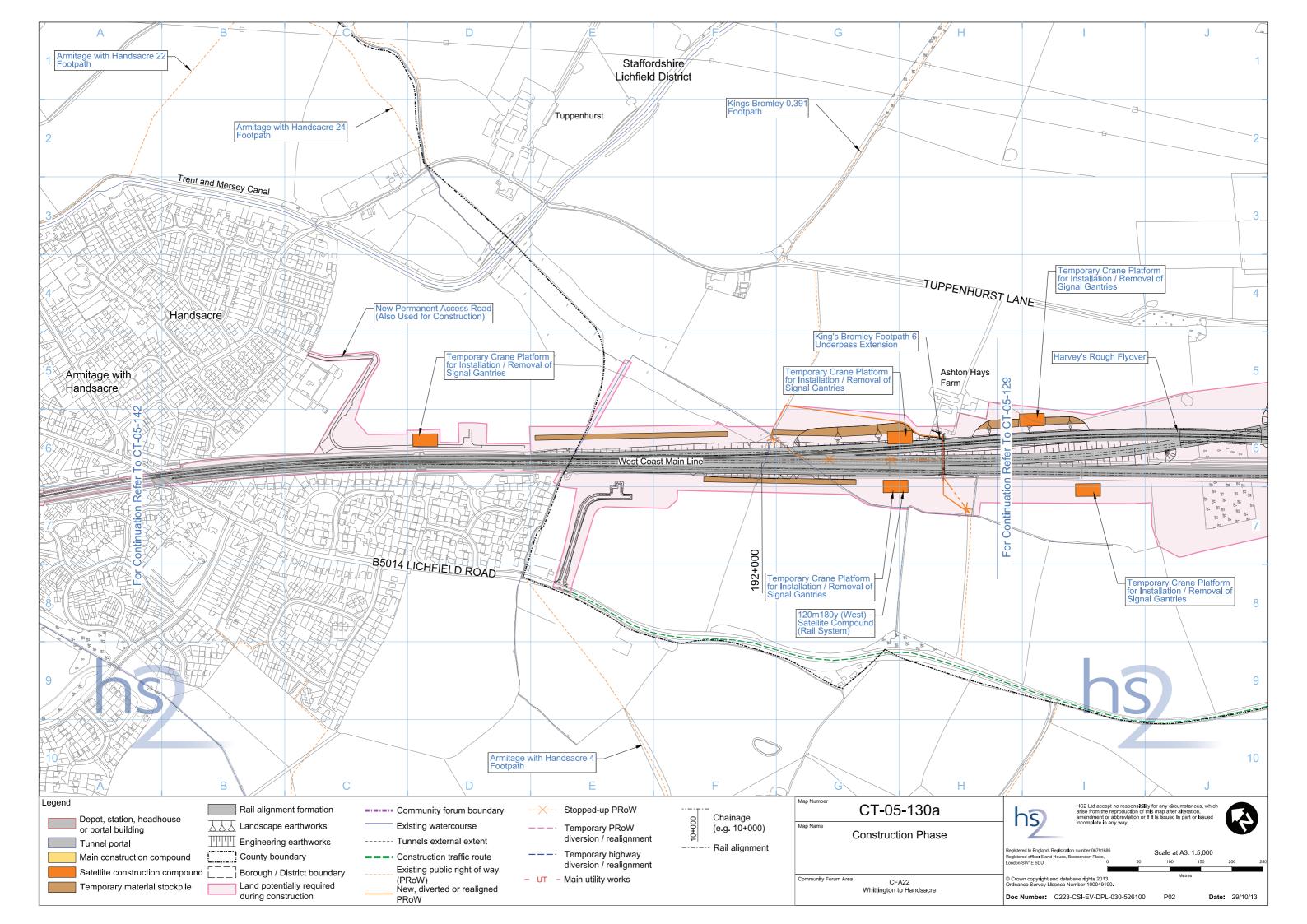


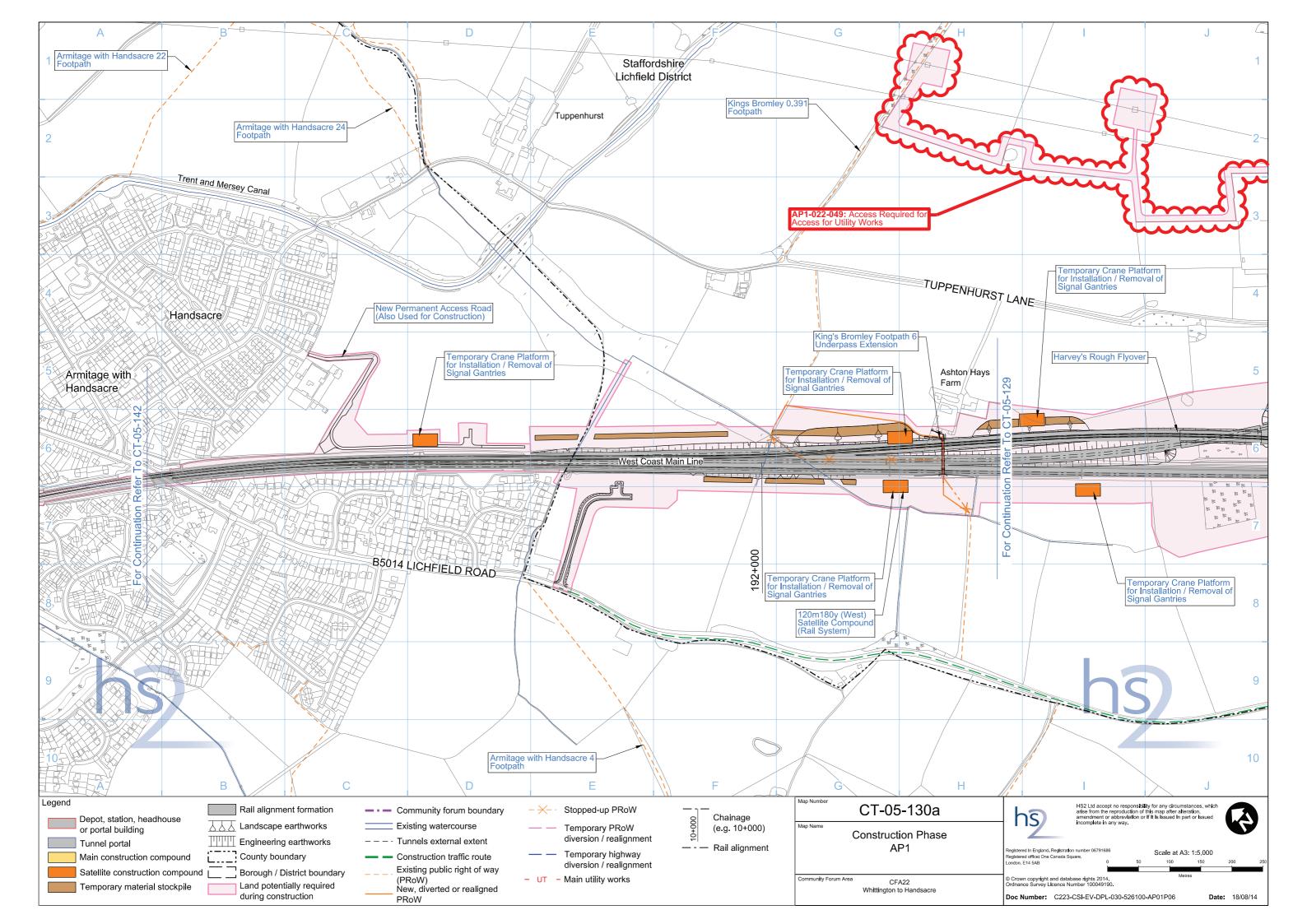














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