

Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

Volume 5: Map Book

Planning Data / Committed Developments (CT-13)



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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.

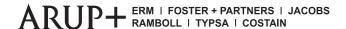
High Speed Two (HS2) Limited Two Snowhill Snow Hill Queensway Birmingham B4 6GA

Telephone: 08081 434 434

General email enquiries: HS2enquiries@hs2.org.uk

Website: www.hs2.org.uk

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





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Map series name	CT-13 - Committed Developments	
Map series description	CT-13 series shows the geographical distribution of as yet unimplemented but committed development which is either considered to be largely built out prior to commencement of the Proposed Scheme (future baseline) or those projects that are assumed to largely take place during implementation of the Proposed Scheme (cumulative development). These maps show those committed developments that have been taken into account in the assessment of environmental effects.	
Community Area name		
MA01 Hough to Walley's Green	✓	
MA02 Wimboldsley to Lostock Gralam	✓	
MA03 Pickmere to Agden and Hulseheath	✓	
MA06 Hulseheath to Manchester Airport	\checkmark	
MA07 Davenport Green to Ardwick	✓	
MA08 Manchester Piccadilly Station	\checkmark	
ORW1 Preston Station (PSTN)		
ORW2 Carlisle Station (CSTN)		
ORW3 Annandale Depot (ADEP)	✓	

Mapping explanatory notes

Structure of the Supplementary Environmental Statement 2 and the Additional Provision 2 Environmental **Statement**

This map book is part of the suite of documents that make up the Supplementary Environmental Statement 2 (SES2) and the Additional Provision 2 Environmental Statement (AP2 ES) for the High Speed Rail (Crewe -Manchester) scheme. The SES2 and the AP2 ES are separate documents; however, they are bound together and presented in a number of volumes shown in Figure 1.



Provides a summary, in non-technical language, of the Supplementary Environmental Statement 2 (SES2) (Part 1) and the Additional Provision Environmental Statement 2 (AP2 ES) (Part 2) and of any likely residual significant environmental effects which are new, removed or different compared to those reported in the main Environmental Statement (ES), and the SES1 or AP1 ES as relevant.

Glossary, abbreviations

Contains any terms and abbreviations used throughout the SES2 and AP2 ES, and provides all references cited in each of the volumes.

Volume 1: Introduction and methodology

Provides an introduction to the SES2 and AP2 ES and explains the Environmental Impact Assessment (EIA) process that has been applied. This volume introduces the supplementary environmental information and changes to the design and construction assumptions included within the SES2 and amendments within the AP2 ES.

Volume 3: Route-wide effects

Describes any new, removed or different likely significant environmental effects arising at a route-wide level from the supplementary environmental information, changes to the design and construction assumptions included within the SES2 (Part 1) and the amendments within the AP2 FS (Part 2) compared to those reported in the main ES, and the SES1 or AP1 ES as relevant.

Volume 4: Off-route effects

Describes any new, removed or different likely significant environmental effects arising at off-route locations from the supplementary environmental information, changes to the design and construction assumptions included in the SES2 (Part 1) and amendments within the AP2 ES (Part 2) compared to those reported in the main ES.

Volume 2: Community Area (CA) reports

Consists of six reports and their associated map books. These reports set out the supplementary environmental information, changes to the design and construction assumptions included within the SES2 (Part 1), amendments within the AP2 ES (Part 2) and any new, removed or different likely significant environmental effects arising from these changes and amendments in each community area compared to those reported in the main ES, and the SES1 or AP1 ES as relevant.

MA01 Report Hough to Walley's Green MA01 Map Bool

MA02 Report Wimboldsley to Lostock Gralam

MA03 Report Pickmere to Agden and Hulseheath

MA06 Report Hulseheath to Manchester Airport

MA07 Report Davenport Green to Ardwick MA07 Map Book

MA08 Report Manchester Piccadilly Station MA08 Map Book

Volume 5: Appendices and Map Books

This volume contains supporting environmental information and maps to be read in conjunction with the other volumes of the SES2 and AP2 ES.

Agriculture forestry and soils

Community

Ecology and

Planning data

quality

Wider effects report

Sound, noise and

resources and flood risk

· Published outside the ES

Background Information and Data (BID) and associated BID Map Books

Baseline data and other background information is set out in the relevant BID documents and associated BID map books. This is a compendium of technical reports that sit outside of the SES2 and AP2 ES, but are aligned to and referred to by the SES2 and AP2 ES. They are published at the same time as the SES2 and AP2 ES.

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 SES2 and AP2 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 SES2 and AP2 ES have a chainage value shown next to the alignment. Chainage is presented on the maps in black font, in the form of XXX+YYY, e.g. 192+000 or 239+500.

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

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

Map sheet layout

Each map in Volume 2 is presented twice, with the main ES map (In Parliament - Session 2021 - 2022) on the left-hand page and the SES2 and the AP2 ES map on the right. For the CT-05 and CT-06 map series, the SES2 and the AP2 ES is shown with different coloured hatching, annotated with labels, which highlights the areas of change. The coloured text box provides a brief description of the design change and amendment, and gives the SES2 and the AP2 ES reference number. In some instances where the effect covers a large area, a box without hatching but with a label, is shown. Only maps which have been amended as a result of the SES2 and the AP2 ES are included within the map books. Other design changes which are within the existing limits of the Bill and do not result in new or different likely significant effects are also shown on the maps, but are not indicated by hatching.

Each Volume 5 map is annotated to describe the change to a receptor or significant effect, and to give the SES2 and the AP2 ES reference number. For more detailed information about the SES2 and the AP2 ES annotation, refer to the map series legend. Only maps which have been amended as a result of the SES2 and the AP2 ES are included within the map book. Changes to receptors or significant effects relating to SES1 or AP1 ES are also provided for reference. Where this is the case they are shown in a faded box.

Where a significant effect has been changed due to a correction to mapping produced in the main ES or previous SES/AP, the significant effect reference is suffixed with a double asterisk (**). The map now shows the correct effect.

Map orientation

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

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

Further details on the approach to mapping is set out in Section 6 of Volume 1 of the SES2 and AP2 ES.

Map books

In total, there are 19 map books included in the SES2 and AP2 ES Volume 2, Volume 4 and Volume 5. A list of the map book titles and map series is provided below for reference.

Map book title (map series)	Map book title (map series)	
Volume 2: Map Book - MA01: Hough to Walley's Green (CT-05, CT-06, CT-10, LV-03, SV-05)	Volume 5: Map Book – Planning Data / Committed Developments (CT-13)	
Volume 2: Map Book – MA02: Wimboldsley to Lostock Gralam (CT-05, CT-06, CT-10, LV-03, SV-05)	Volume 5: Map Book – Ecology and biodiversity (EC-01)	
Volume 2: Map Book – MA03: Pickmere to Agden and Hulseheath (CT-05, CT-06, CT-10, LV-03, LV-04, SV-05)	Volume 5: Map Book – Historic environment (HE-01, HE-02)	
Volume 2: Map Book – MA06: Hulseheath to Manchester Airport (CT-05, CT-06, CT-10, LV-01, LV-03, LV-04, SV-05)	Volume 5: Map Book – Land quality (LQ-01)	
Volume 2: Map Book – MA07: Davenport Green to Ardwick (CT-05, CT-06, CT-10, LV-01, LV-03, LV-04)	Volume 5: Map Book – Landscape and visual (LV-00, LV-02, LV-07, LV-08, LV-17)	
Volume 2: Map Book – MA08: Manchester Piccadilly Station (CT-05, CT-06, CT-10, LV-03, LV-04, SV-05)	Volume 5: Map Book – Socio-economics (SE-01)	
Volume 4: Off-route effects map book	Volume 5: Map Book – Sound, noise and vibration (SV-02, SV-03, SV-08, SV-09)	
Volume 5: Map Book – Agriculture, forestry and soils (AG-01, AG-04)	Volume 5: Map Book – Traffic and transport (TR-01, TR-03, TR-04, TR-08)	
Volume 5: Map Book – Air quality (AQ-01)	Volume 5: Map Book – Water resources and flood risk (WR-01, WR-03, WR-05, WR-06)	
Volume 5: Map Book – Community (CM-01)		



Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

Data dictionary and definitions

Data dictionary and definitions

Legend features	Definition	Source	Copyright
Area of assessment	On or close to the Proposed Scheme i.e. a distance of between 100m and 2km depending on the stage of implementation and scale of the proposed development.	High Speed Two (HS2) Ltd	
Community area boundary	The Environmental Statement has been split into sections called Community Areas.	High Speed Two (HS2) Ltd	© Crown copyright. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of Publication 2019.
County boundary	County boundaries from Ordnance Survey boundary mapping.	Ordnance Survey	© Crown copyright. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of Publication 2021.
County/Unitary Authority boundary	County and local authority boundaries from Ordnance Survey boundary mapping.	Ordance Survey	© Crown copyright. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of Publication 2021.
Cumulative developments	Committed developments that are considered likely to be constructed between 2025 and 2038 (i.e. at the same time as the Proposed Scheme) are considered to determine whether they have the potential to give rise to cumulative effects for each environmental topic.	High Speed Two (HS2) Ltd	
Depot, station, headhouse or portal building	Extends to cover operational footprint of each depot and station and the footprint of each tunnel vent shaft and headhouse at surface level. Excludes any ancillary buildings associated with these structures.	High Speed Two (HS2) Ltd	
District/Borough boundary	Ordnance Survey local authority boundary mapping.	Ordnance Survey	© Crown copyright. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of Publication 2021.
Future baseline	Committed developments are defined as developments with planning permission and sites allocated for development in adopted development plans. Committed developments that are likely to have been completed by 2025 have the potential to alter the future baseline for the assessment of the Proposed Scheme.	High Speed Two (HS2) Ltd	

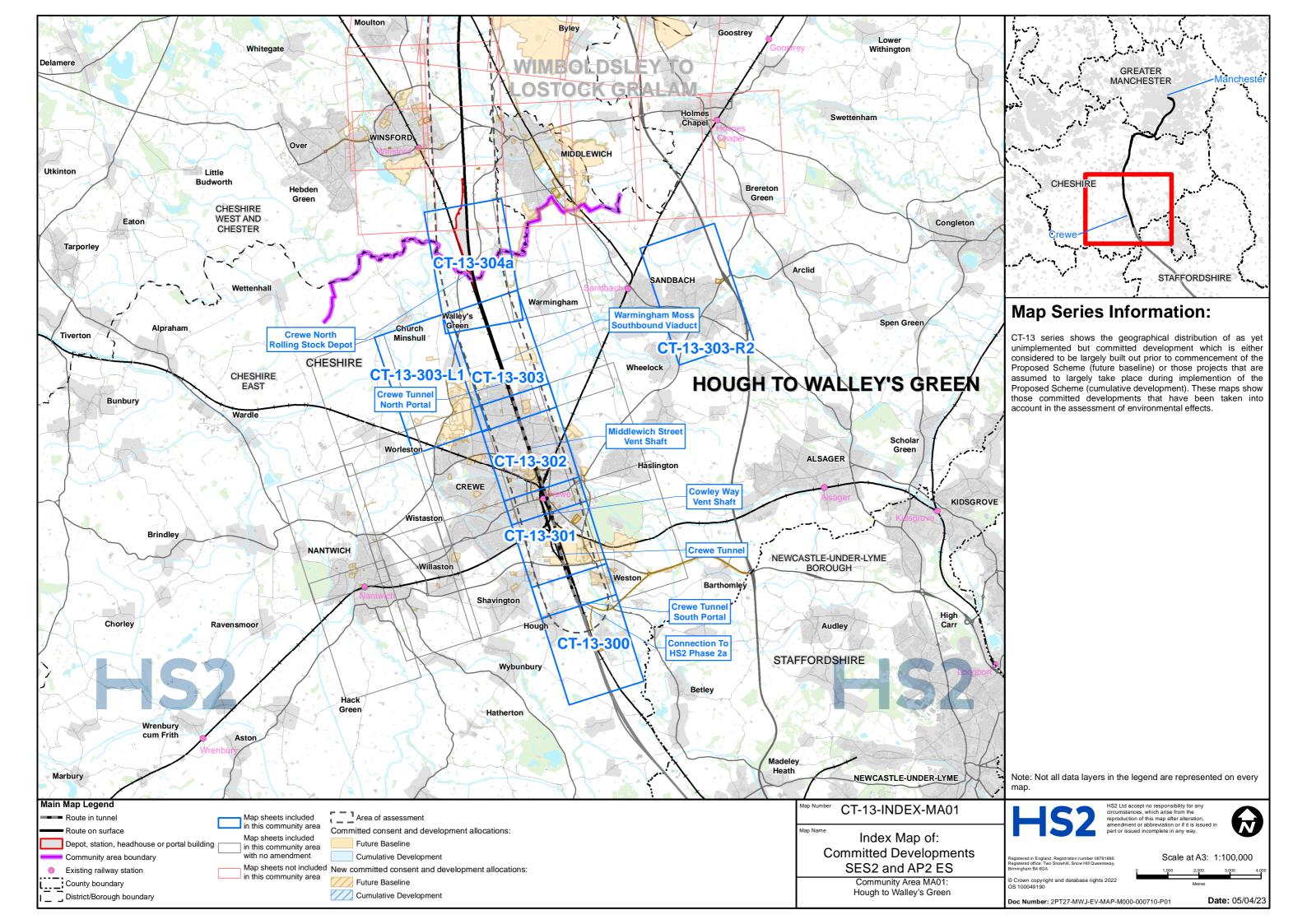
Legend features	Definition	Source	Copyright
Land potentially required during construction	Boundary defining the maximum possible extent of construction works required to build HS2 as far as the current level of design allows. This only covers surface works and includes all tunnel portals, vent shafts and headhouses, but does not apply to wholly tunnelled sections or to air rights. It also encompasses associated highway, access, drainage and utility works.		
Route in tunnel	Represents the proposed route of HS2, split into route on surface and tunnelled sections.	High Speed Two (HS2) Ltd	
Route on surface	Represents the proposed route of HS2, split into route on surface and tunnelled sections.	High Speed Two (HS2) Ltd	
Water body	Any mass of water having definite hydrological, physical, chemical and biological characteristics.	Ordnance Survey	© Crown copyright. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of Publication 2022.
Watercourse	Any channel through which water flows, can be natural or manmade. They are split into two categories (main rivers or ordinary watercourses) in England and Wales for regulation purposes.	Ordnance Survey	© Crown copyright. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of Publication 2022.
Woodland	Woodland areas derived from Ordnance Survey MasterMap data.	Ordnance Survey	© Crown copyright. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of Publication 2022.

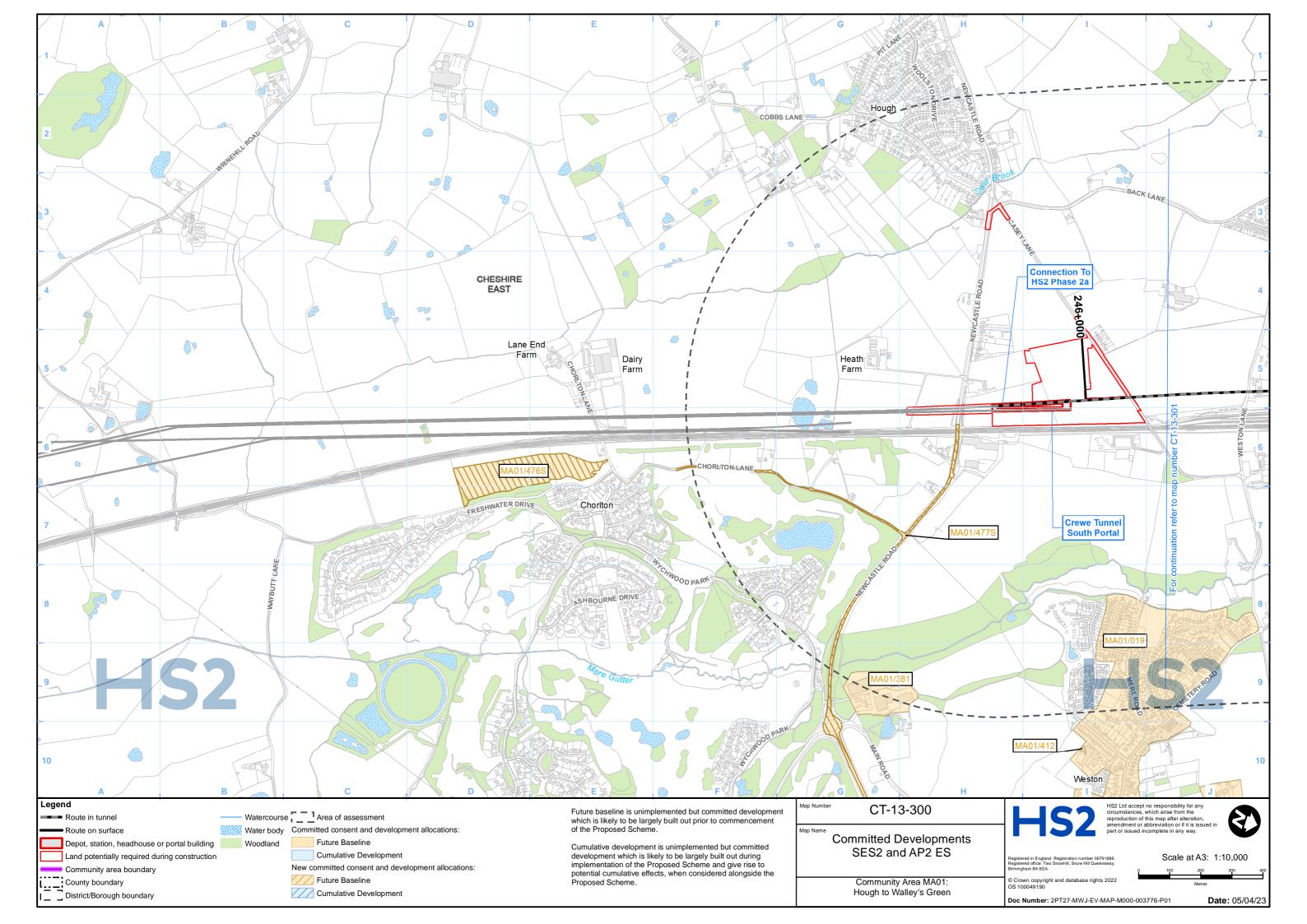
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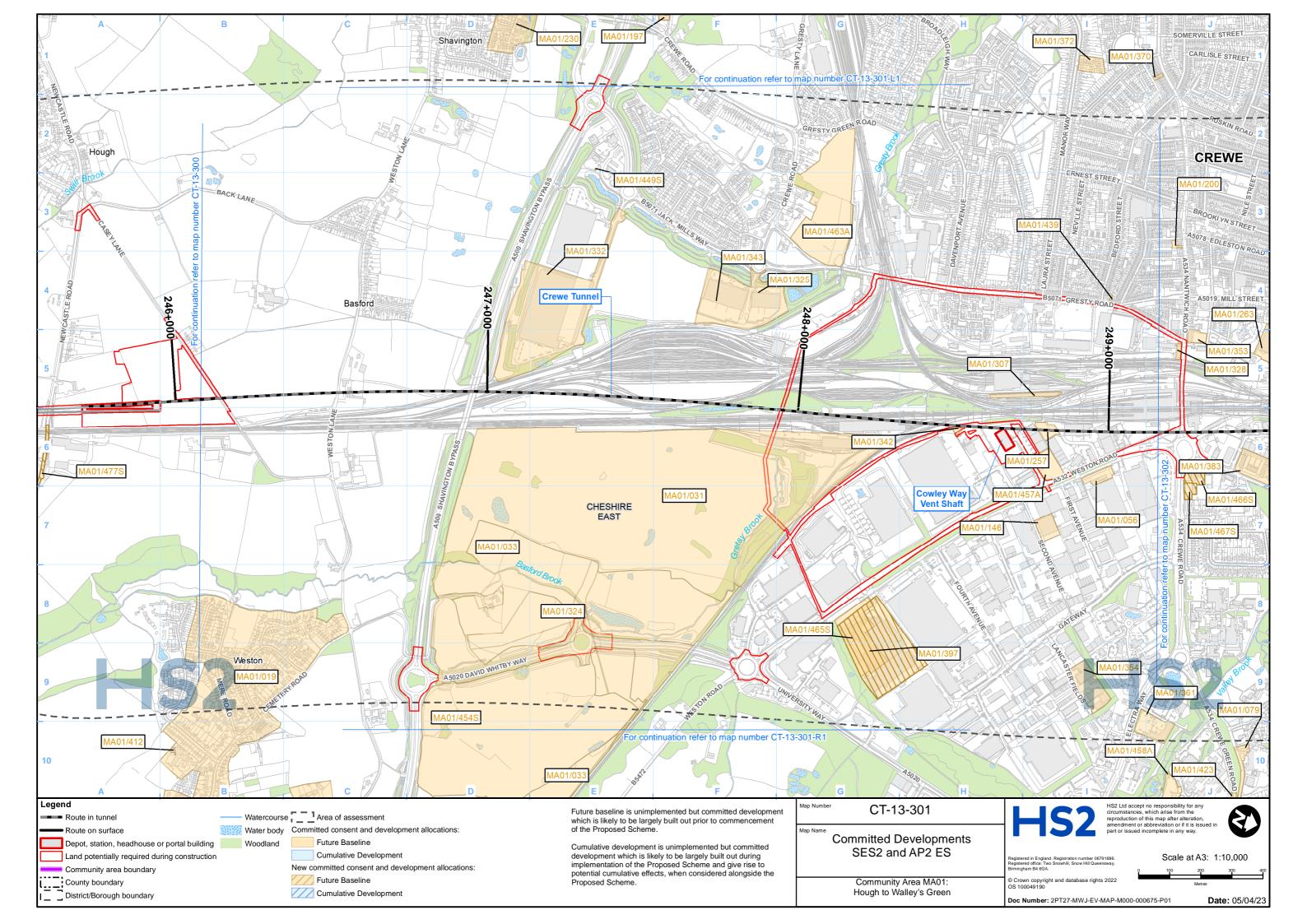


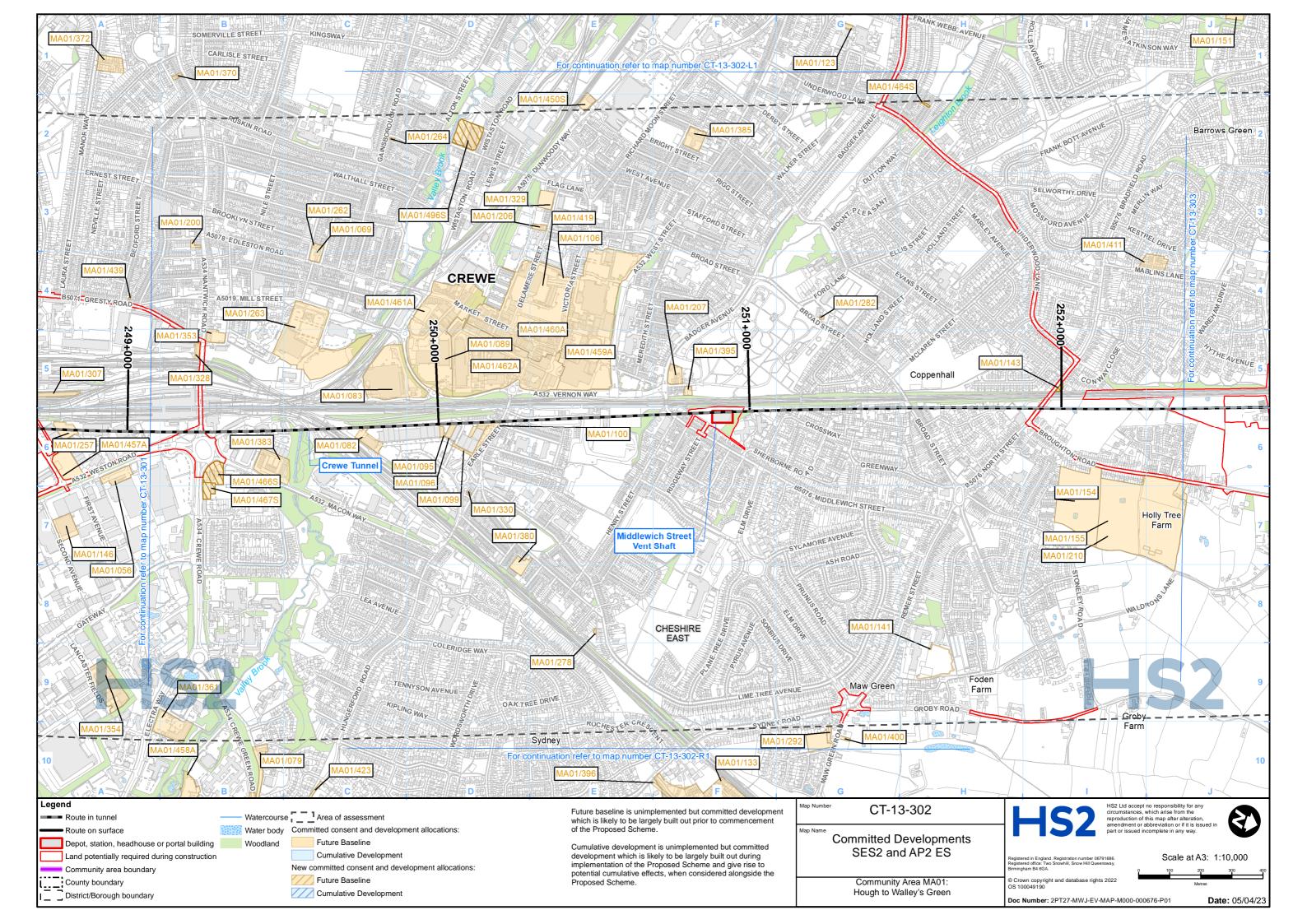
Supplementary Environmental Statement 2 and Additional Provision 2 Environmental Statement

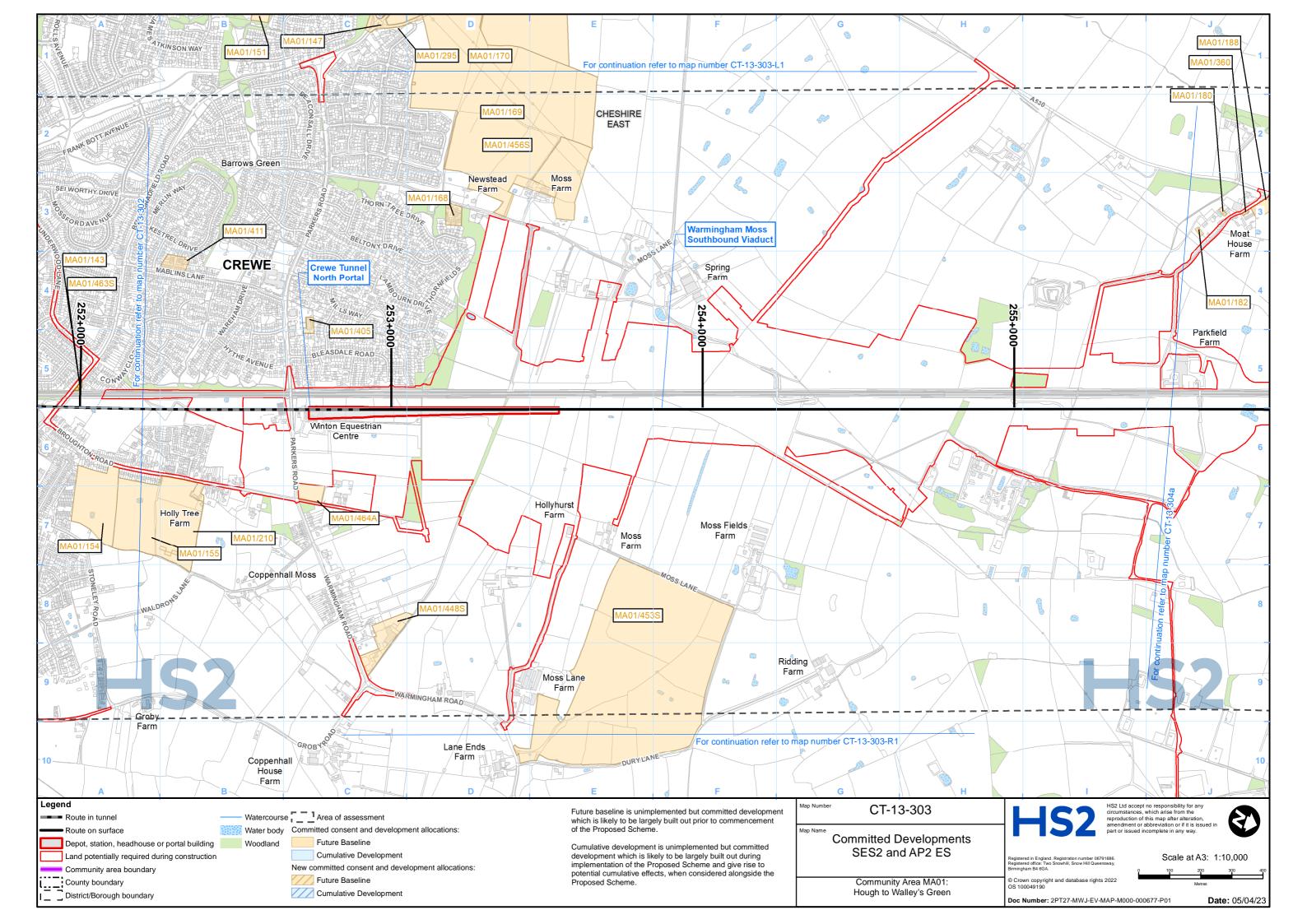
MA01: Hough to Walley's Green CT-13 – Committed Developments

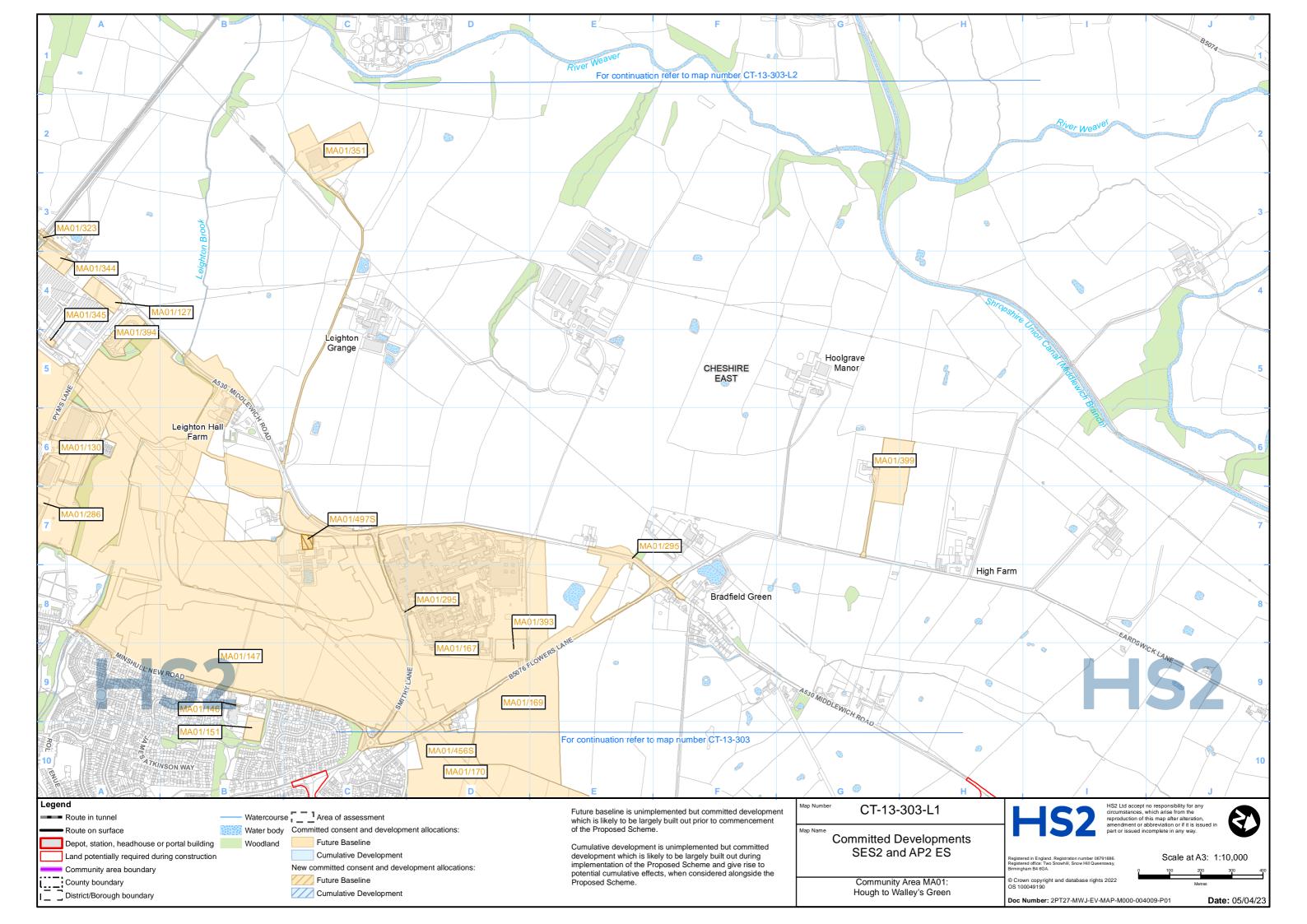


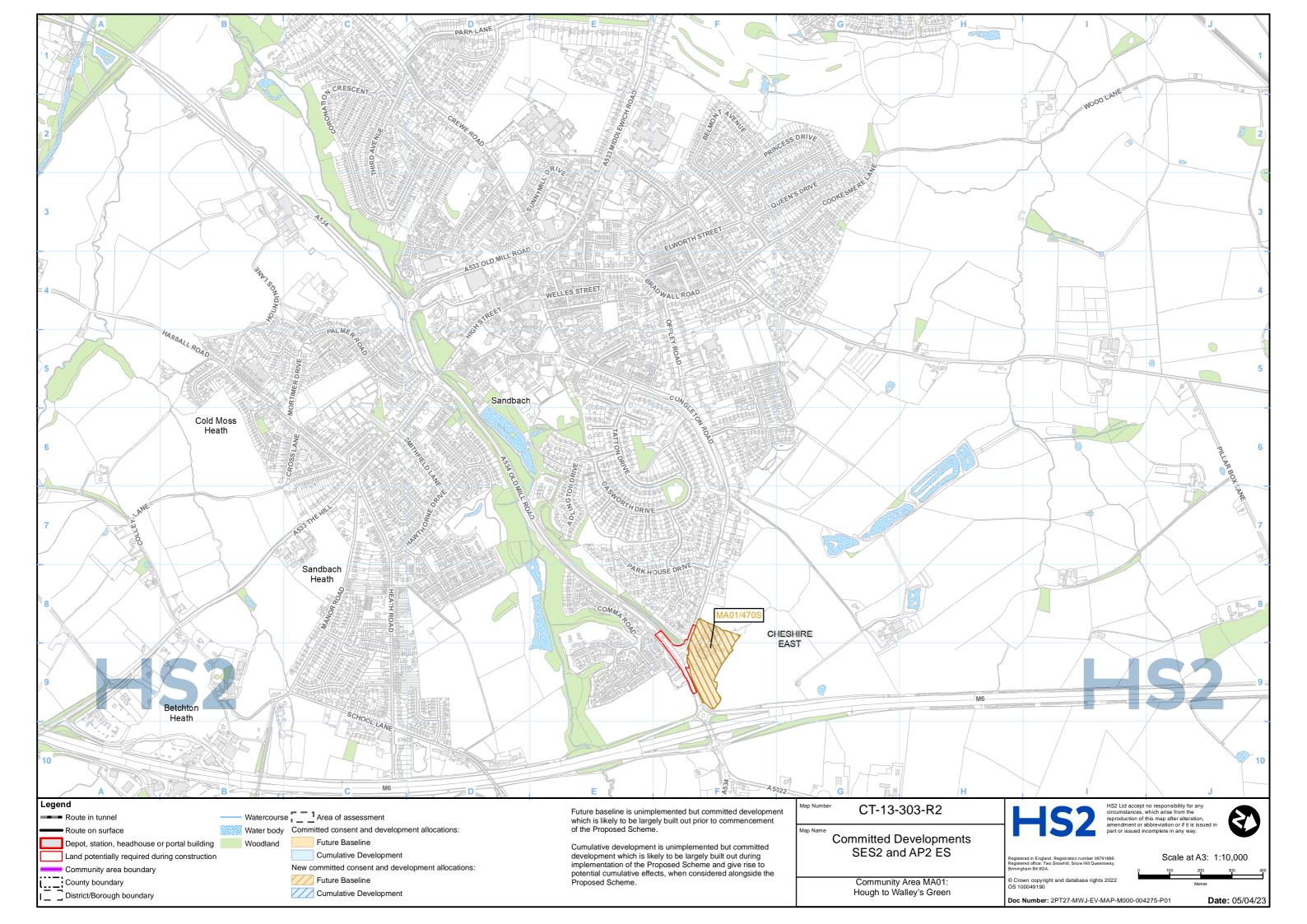


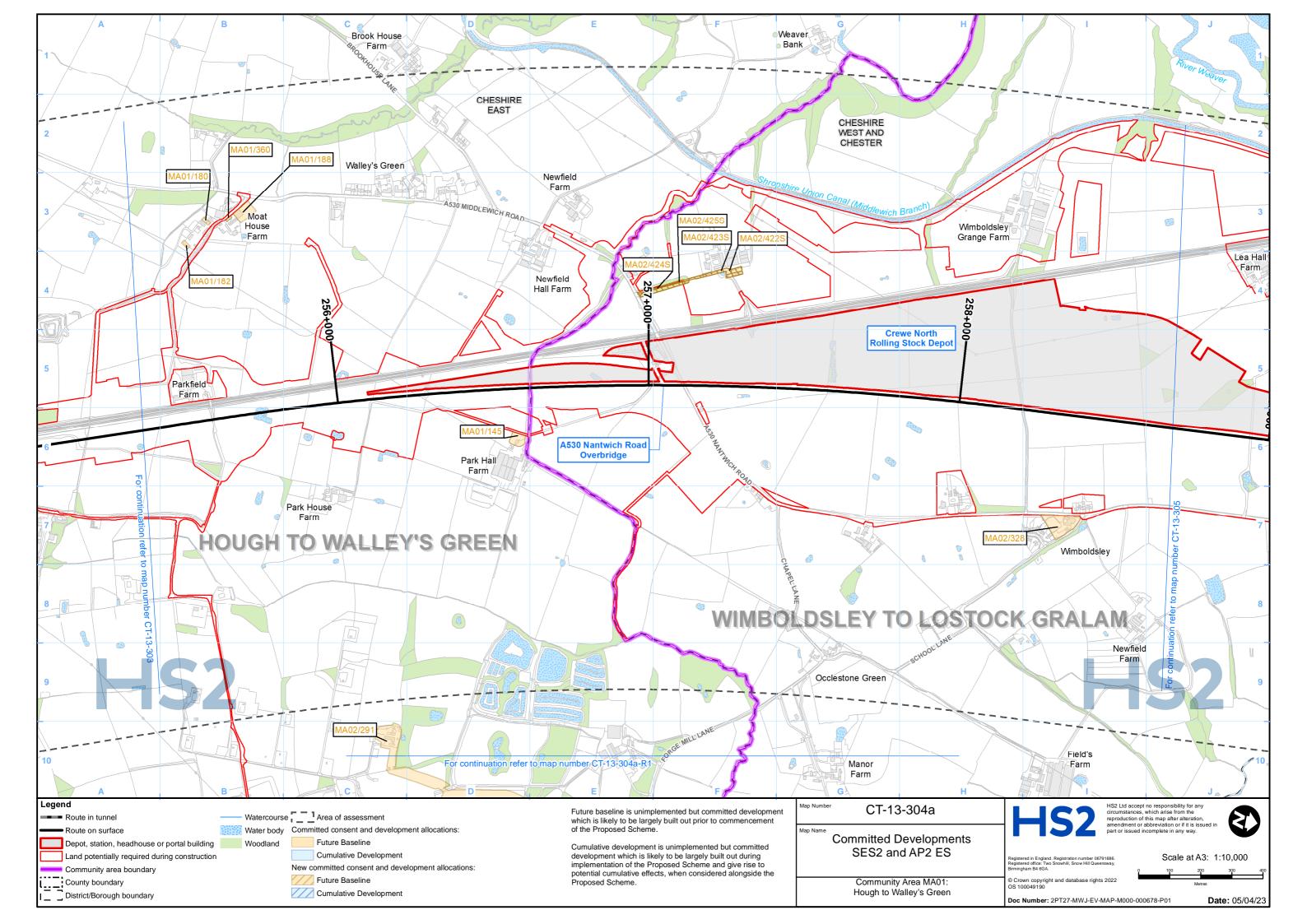












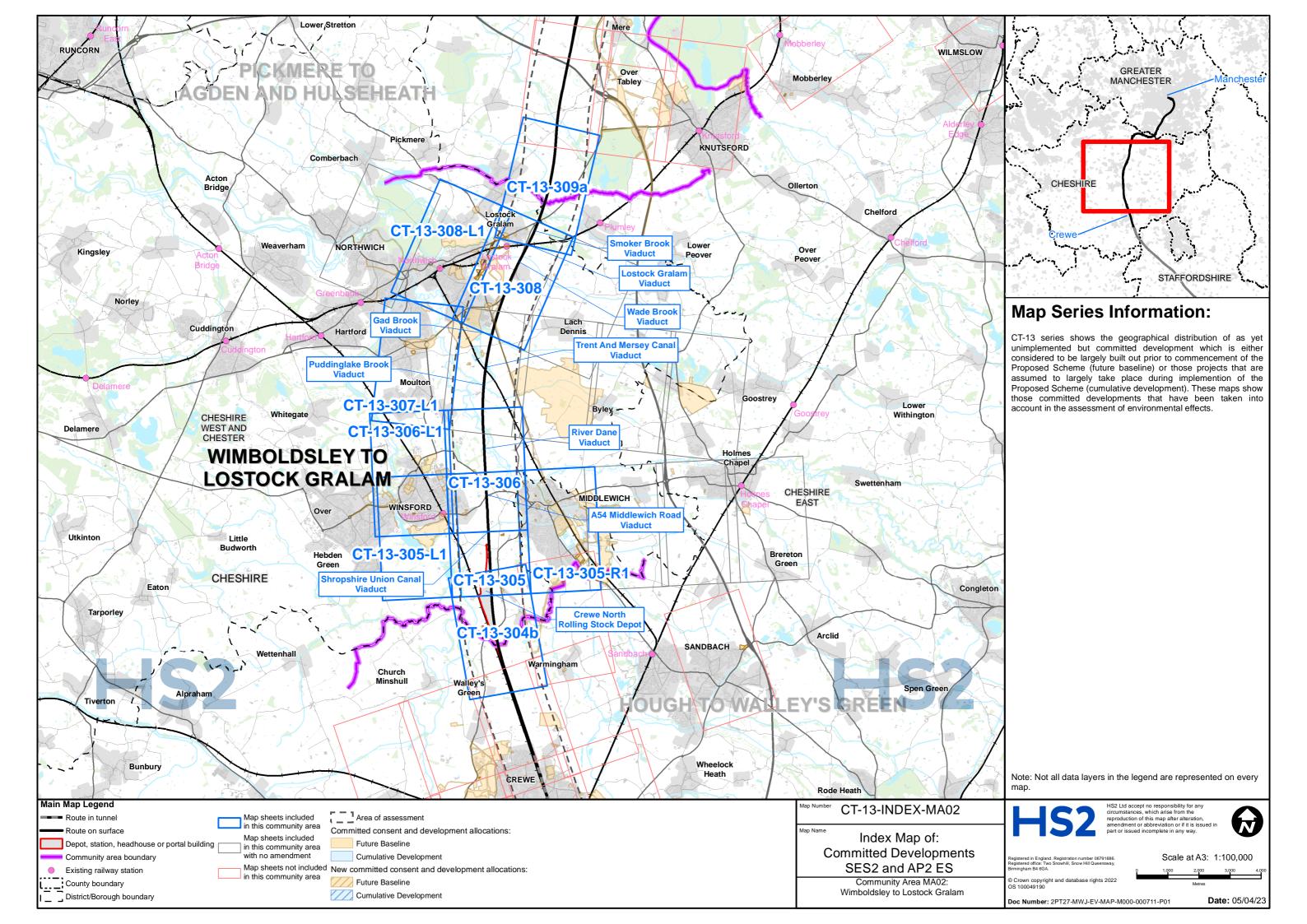
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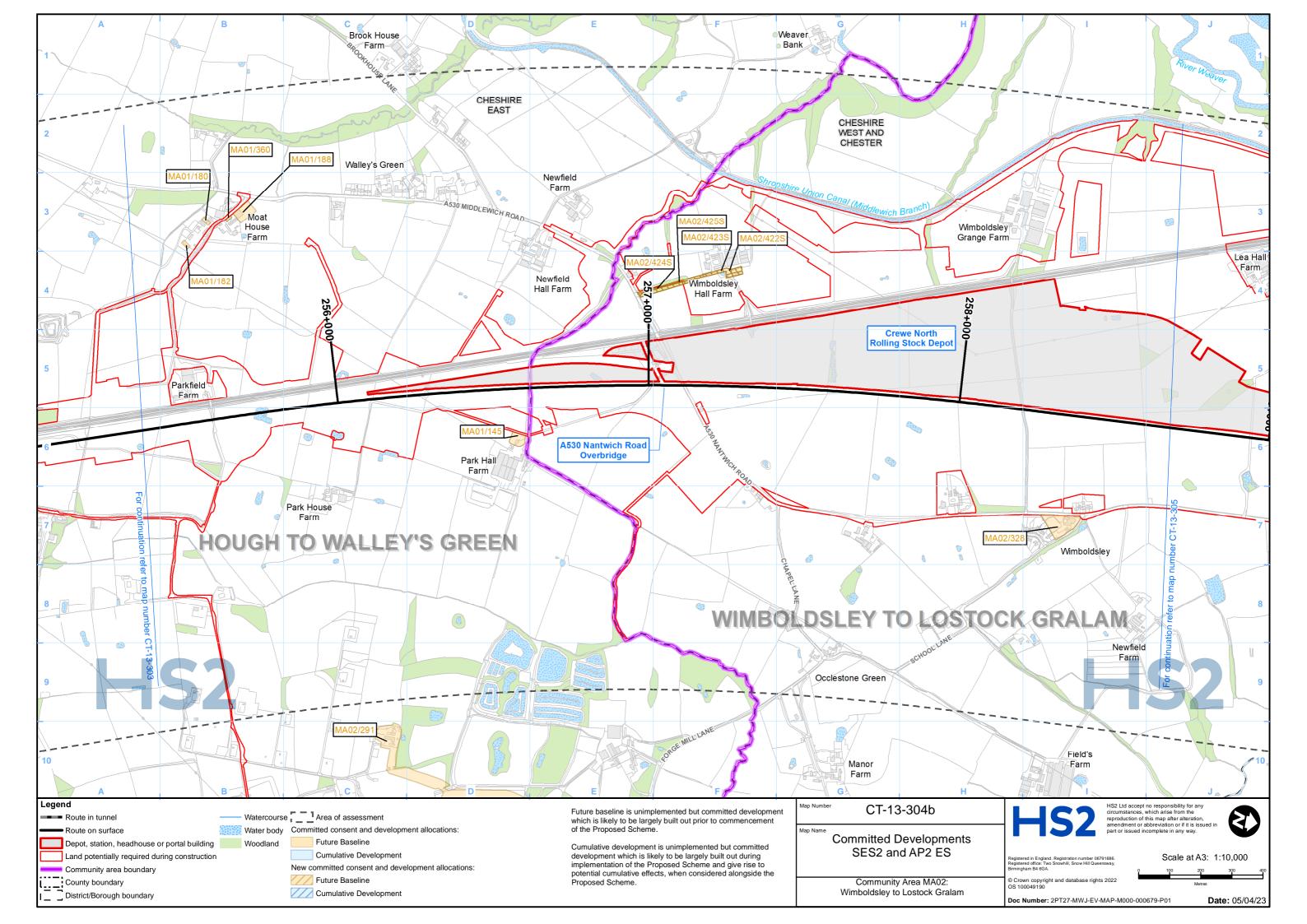


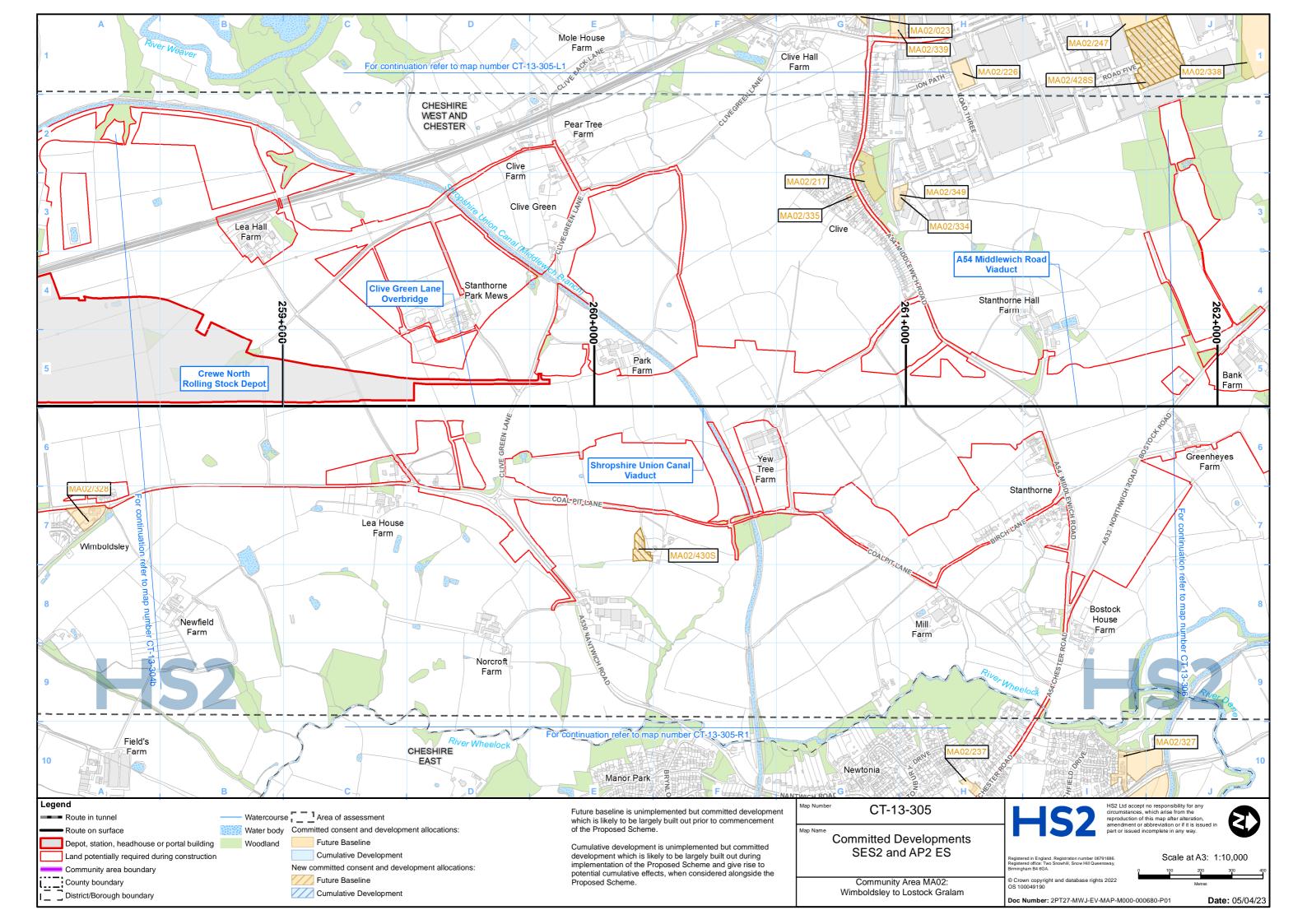
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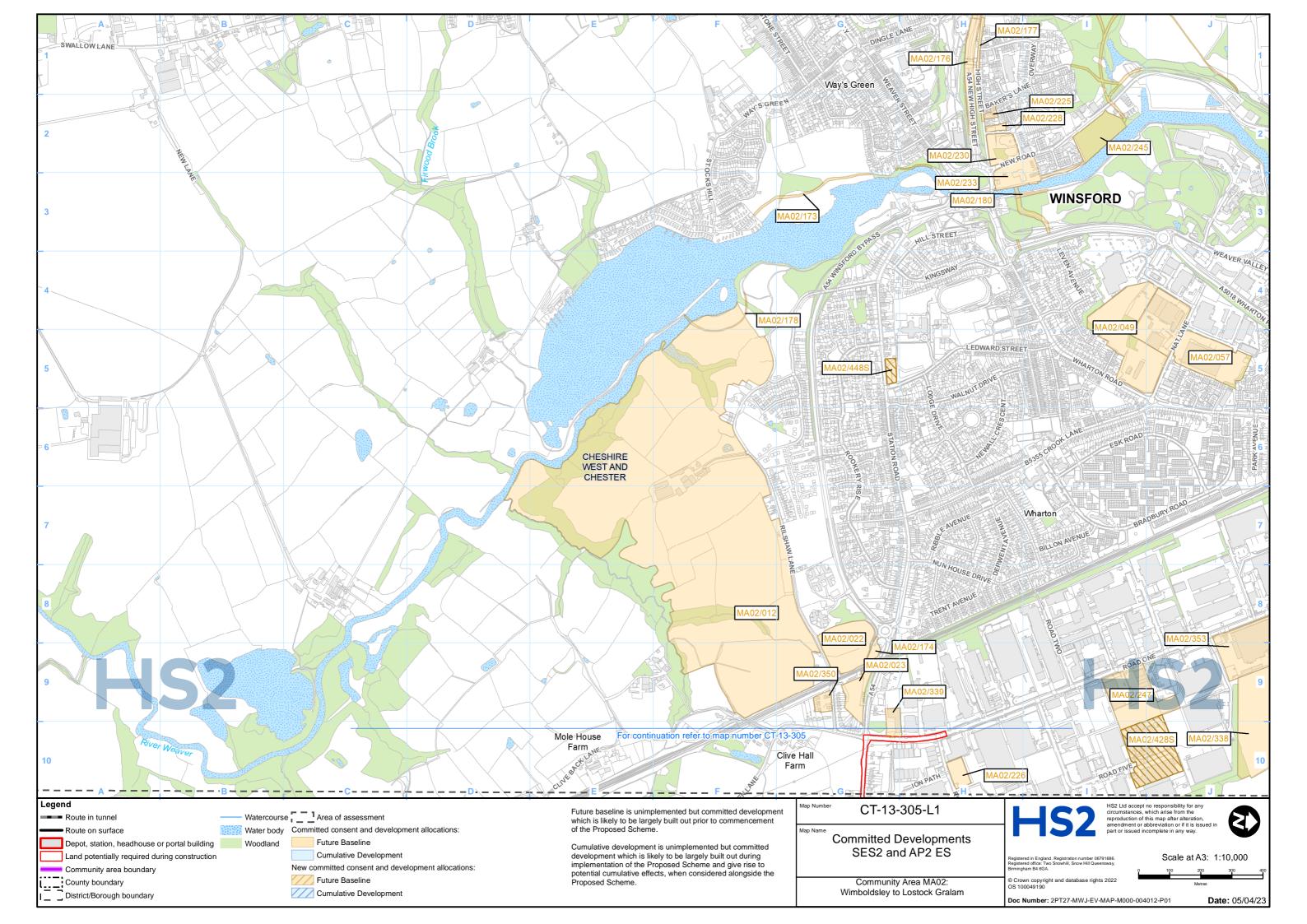
MA02: Wimboldsley to Lostock Gralam

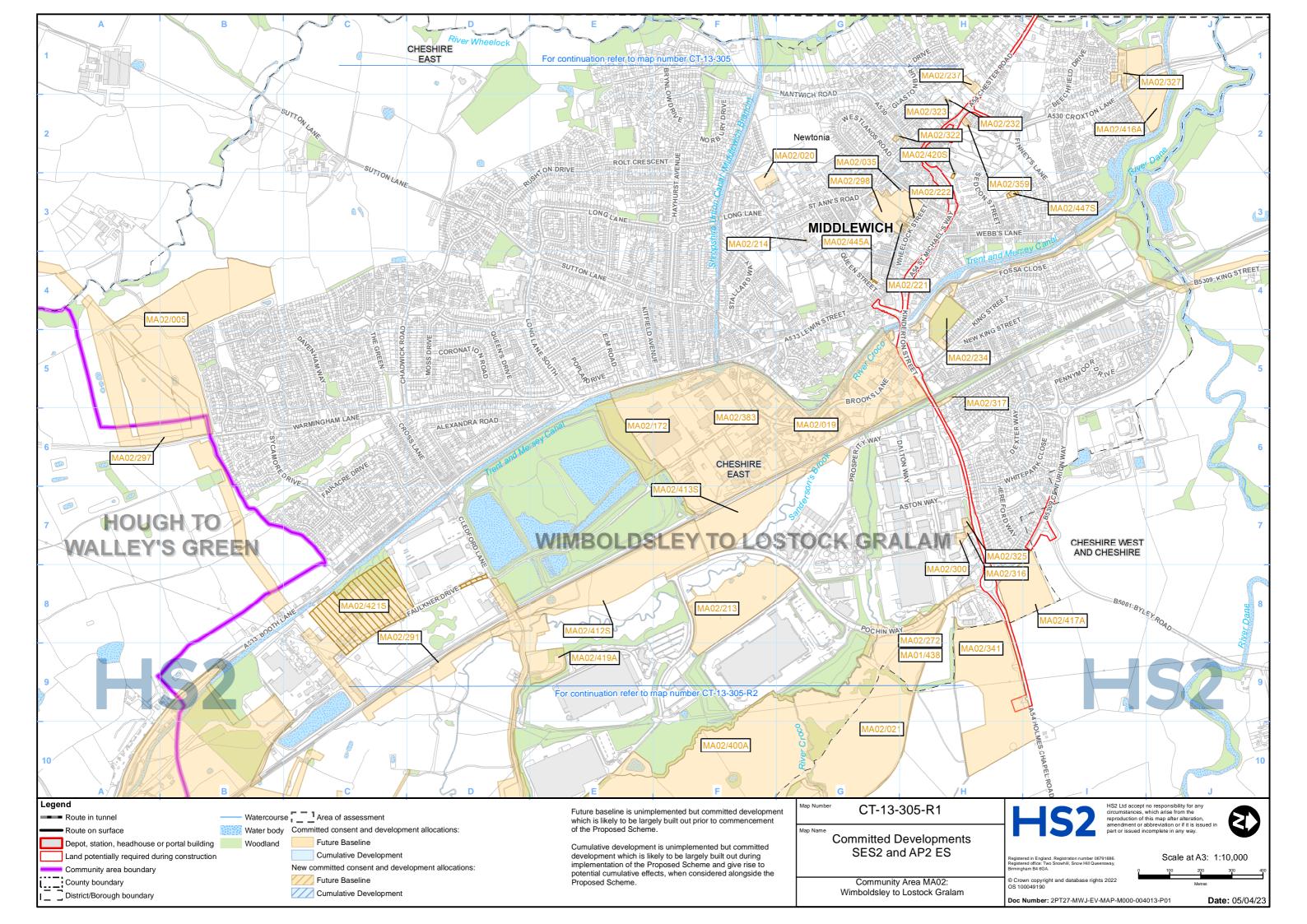
CT-13 – Committed Developments

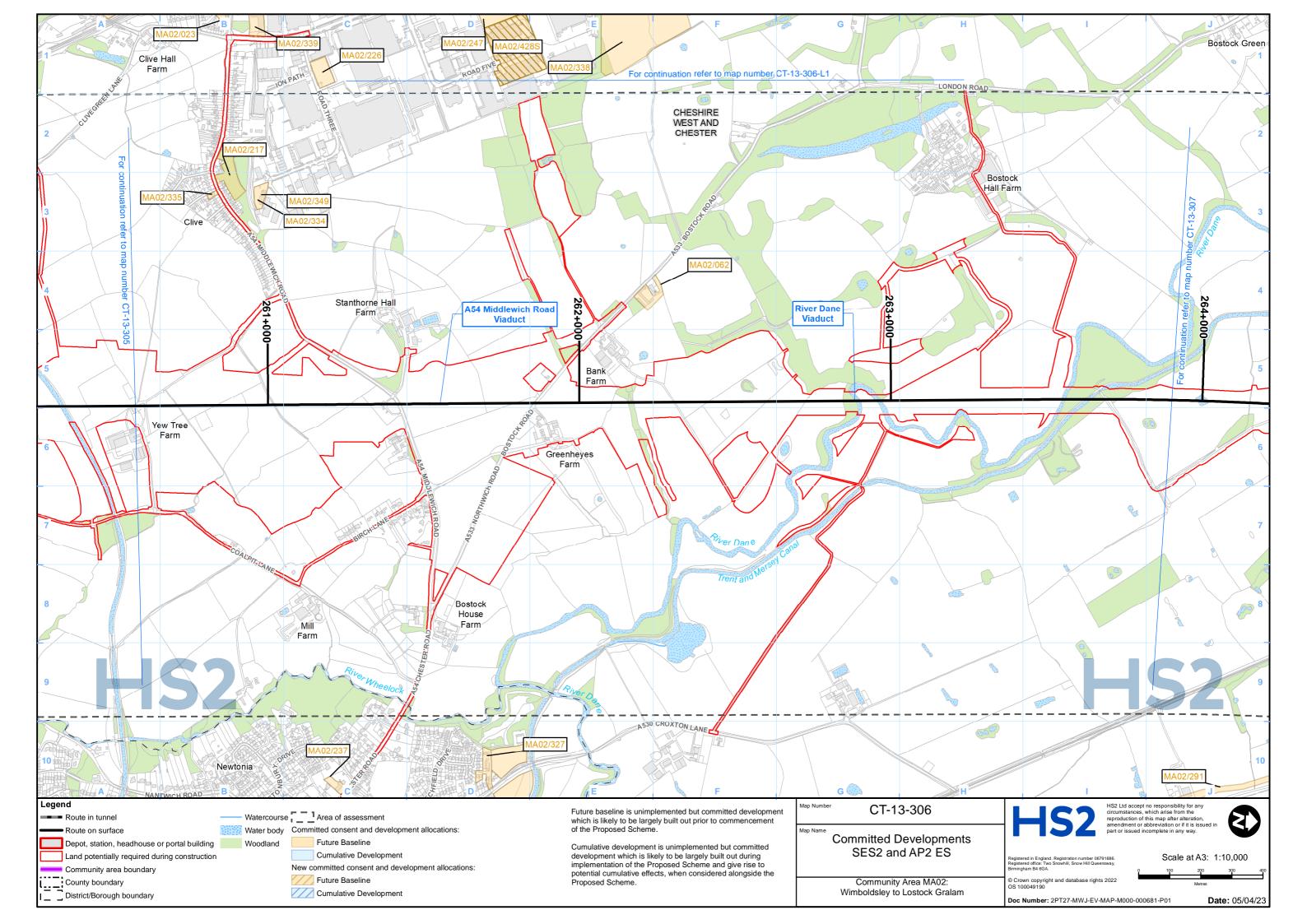


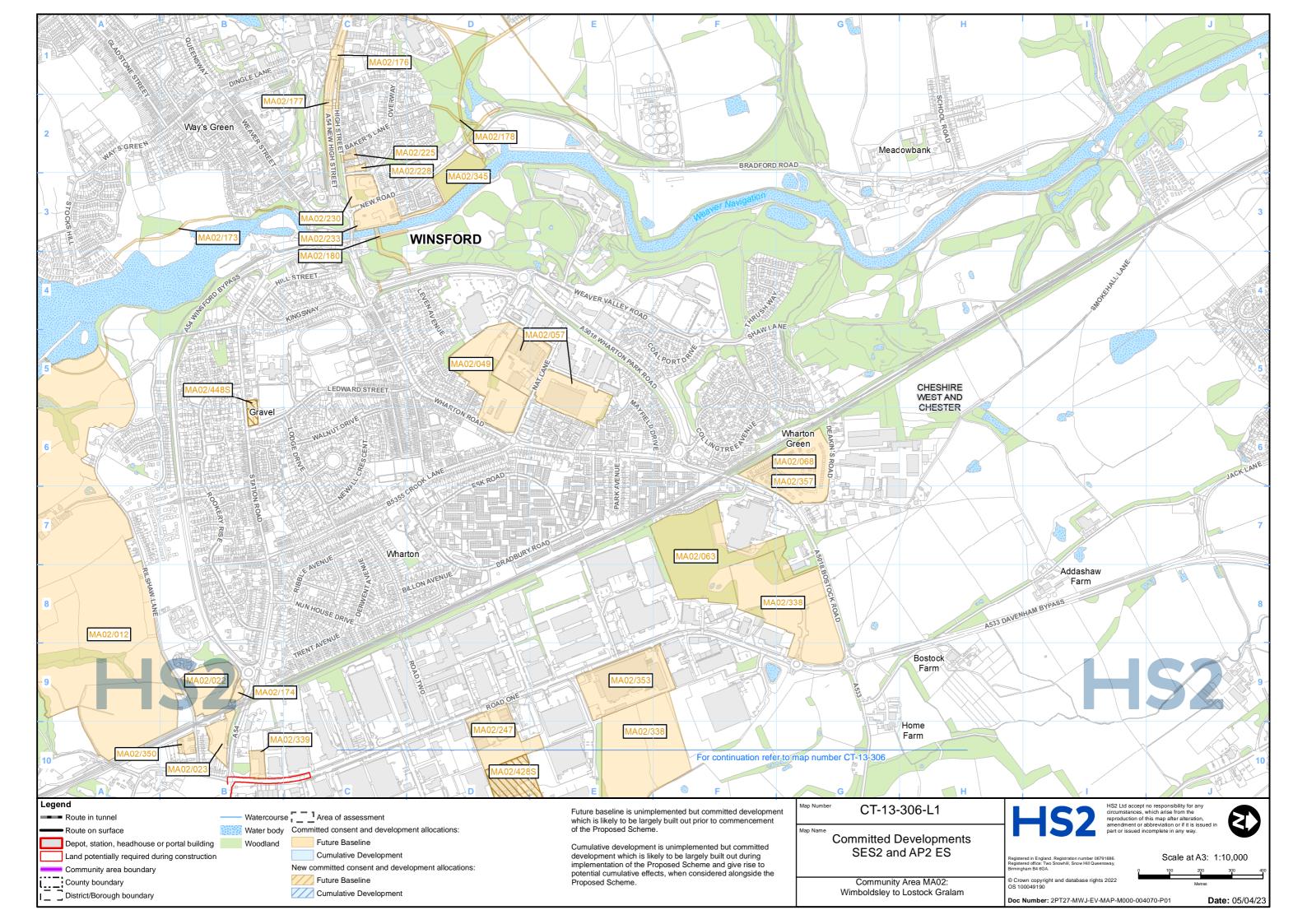


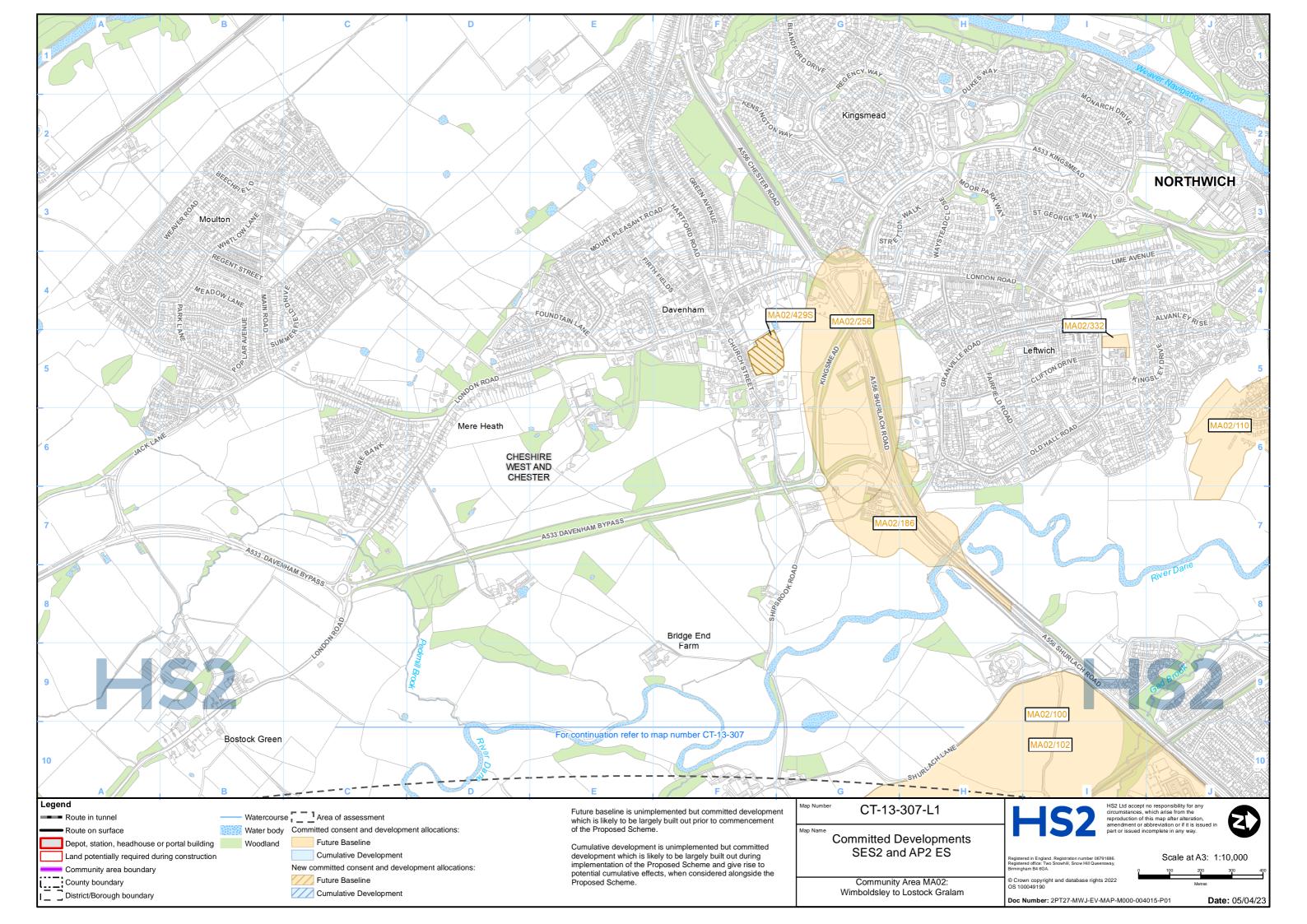


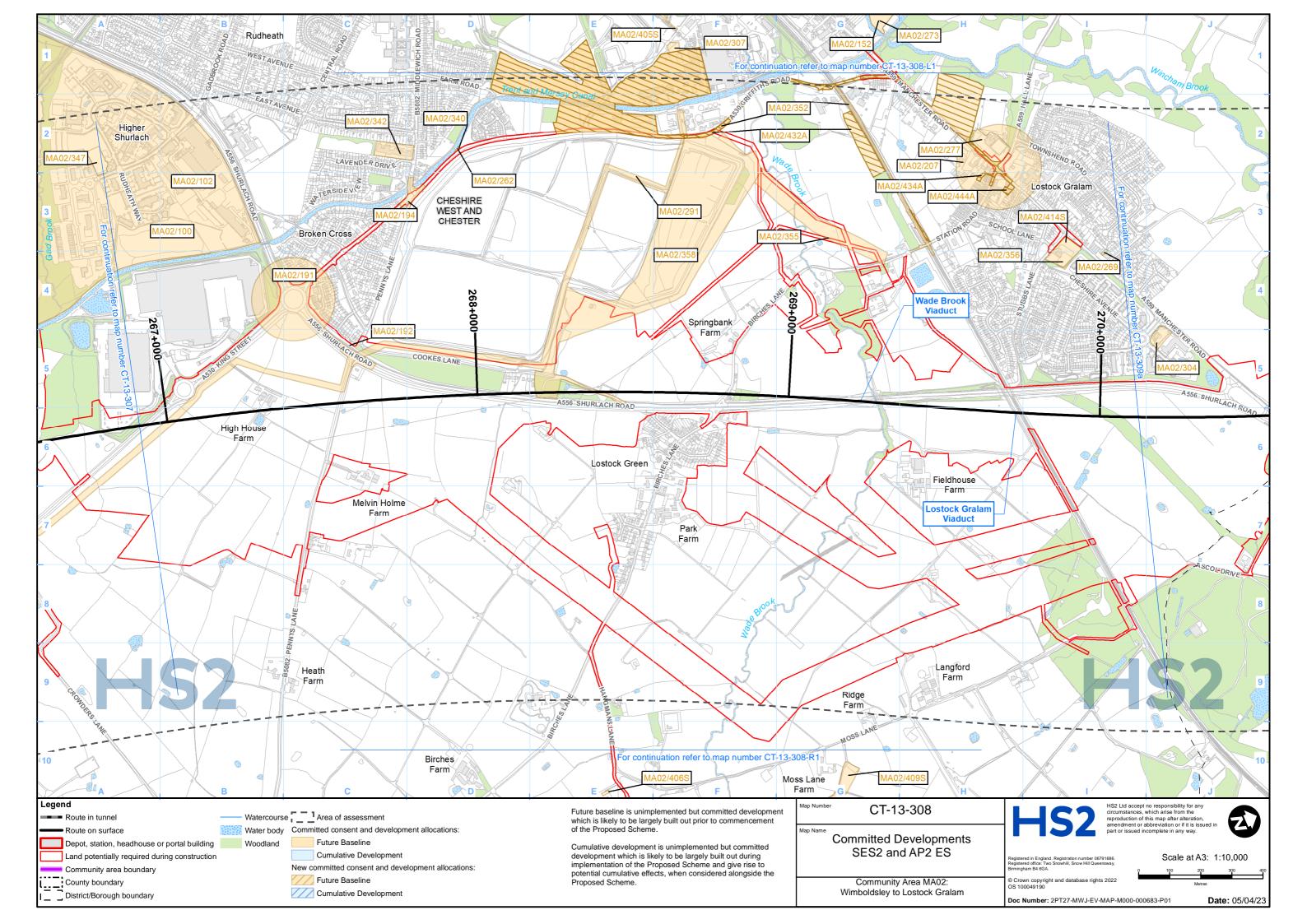


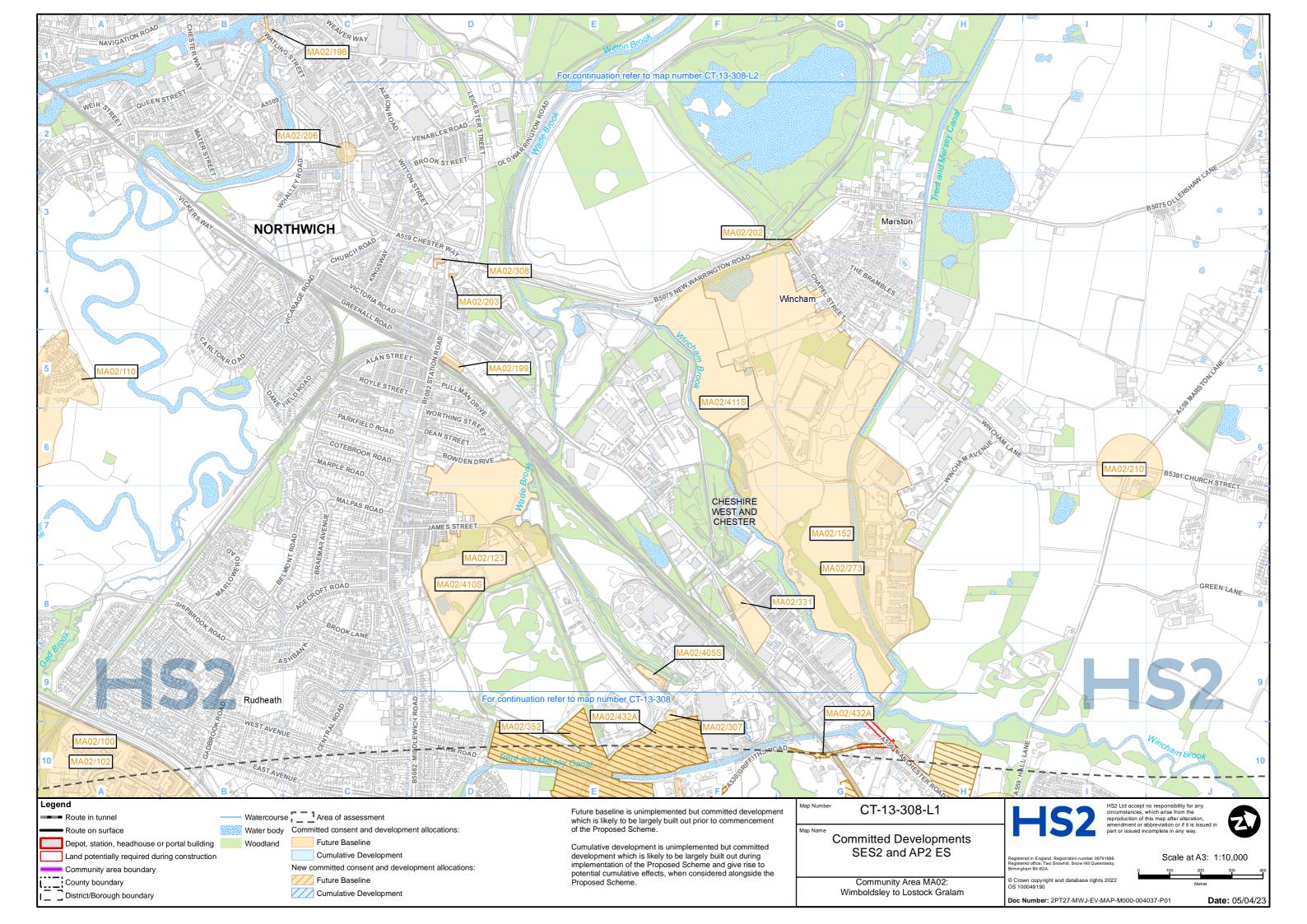


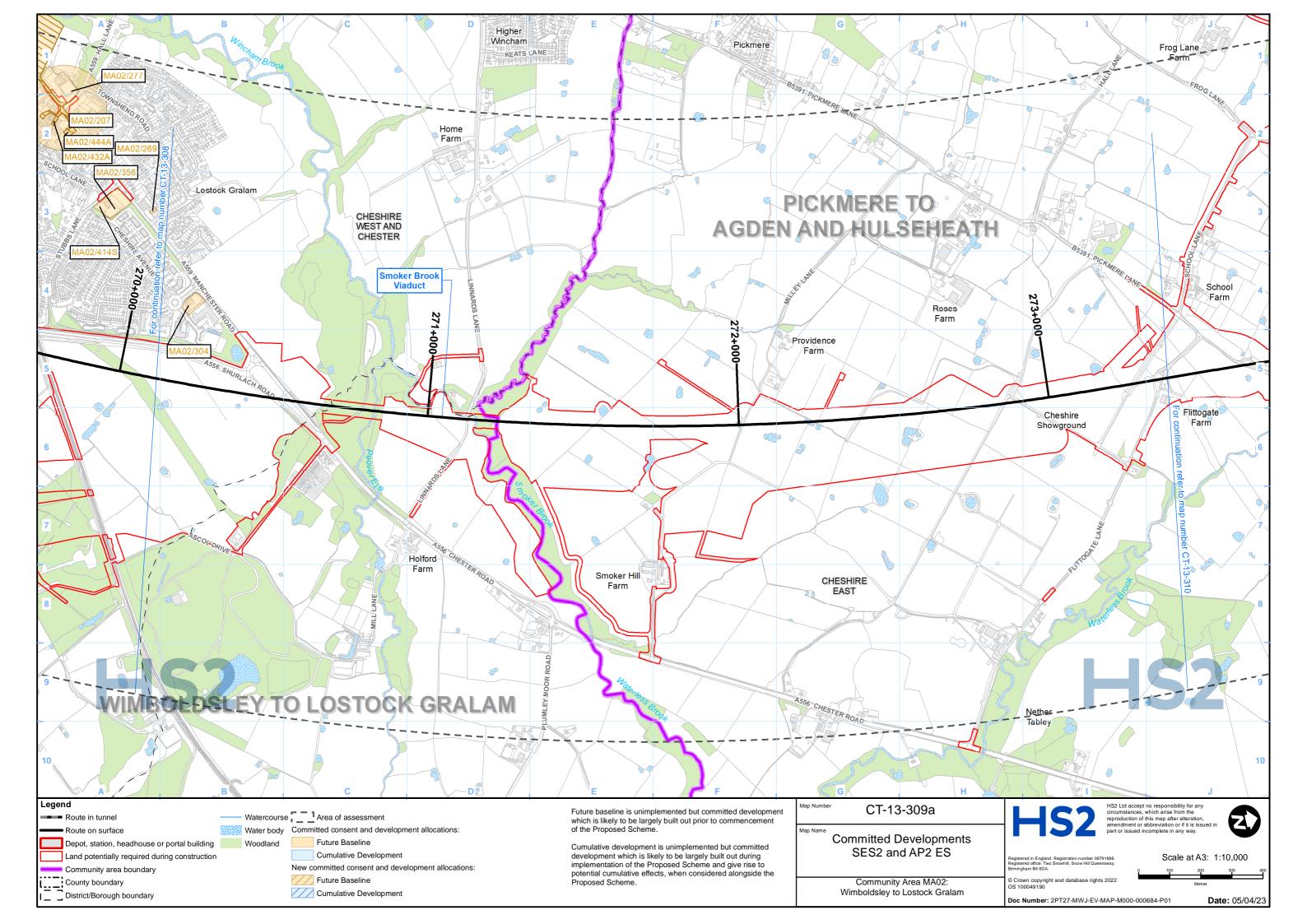








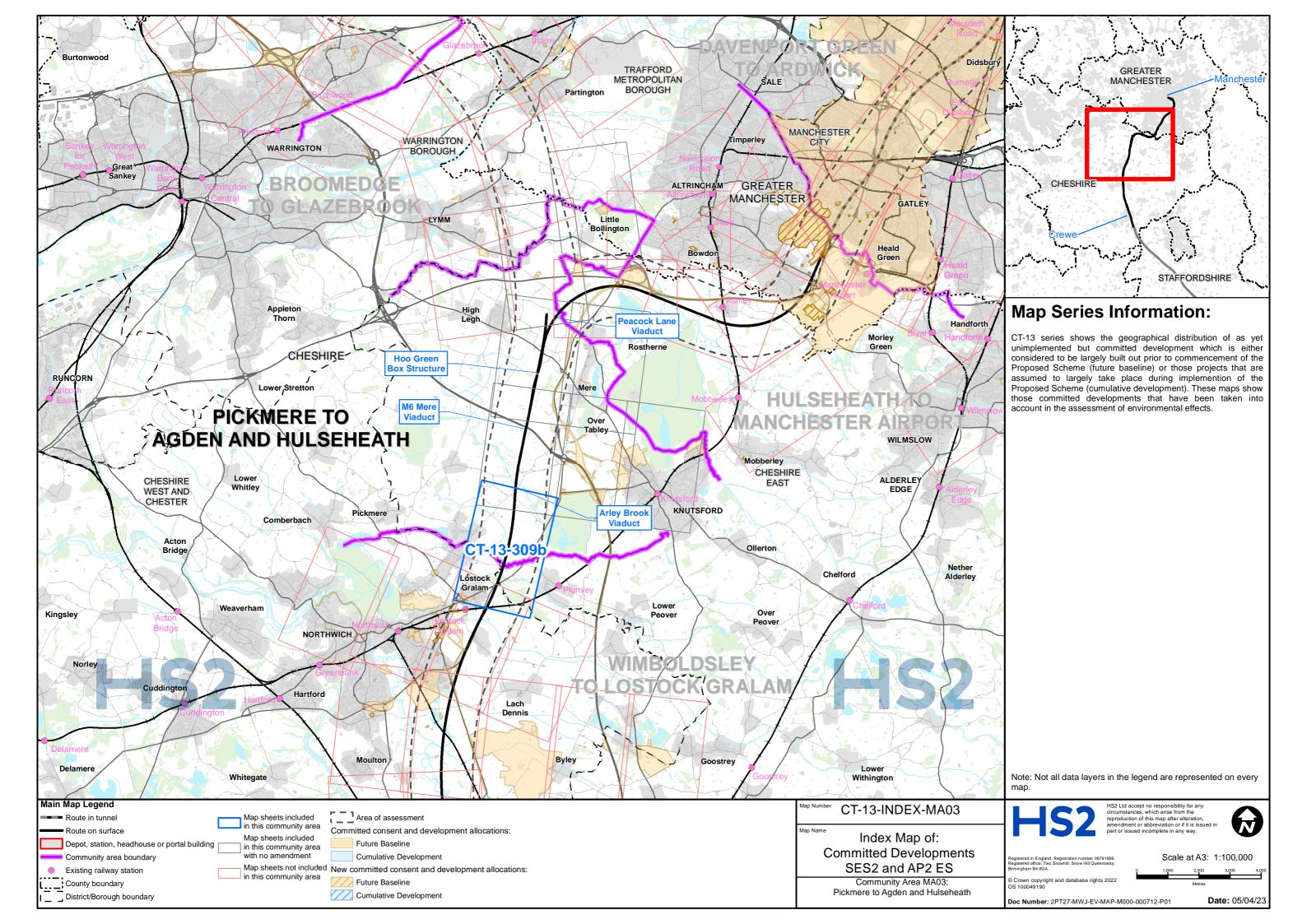


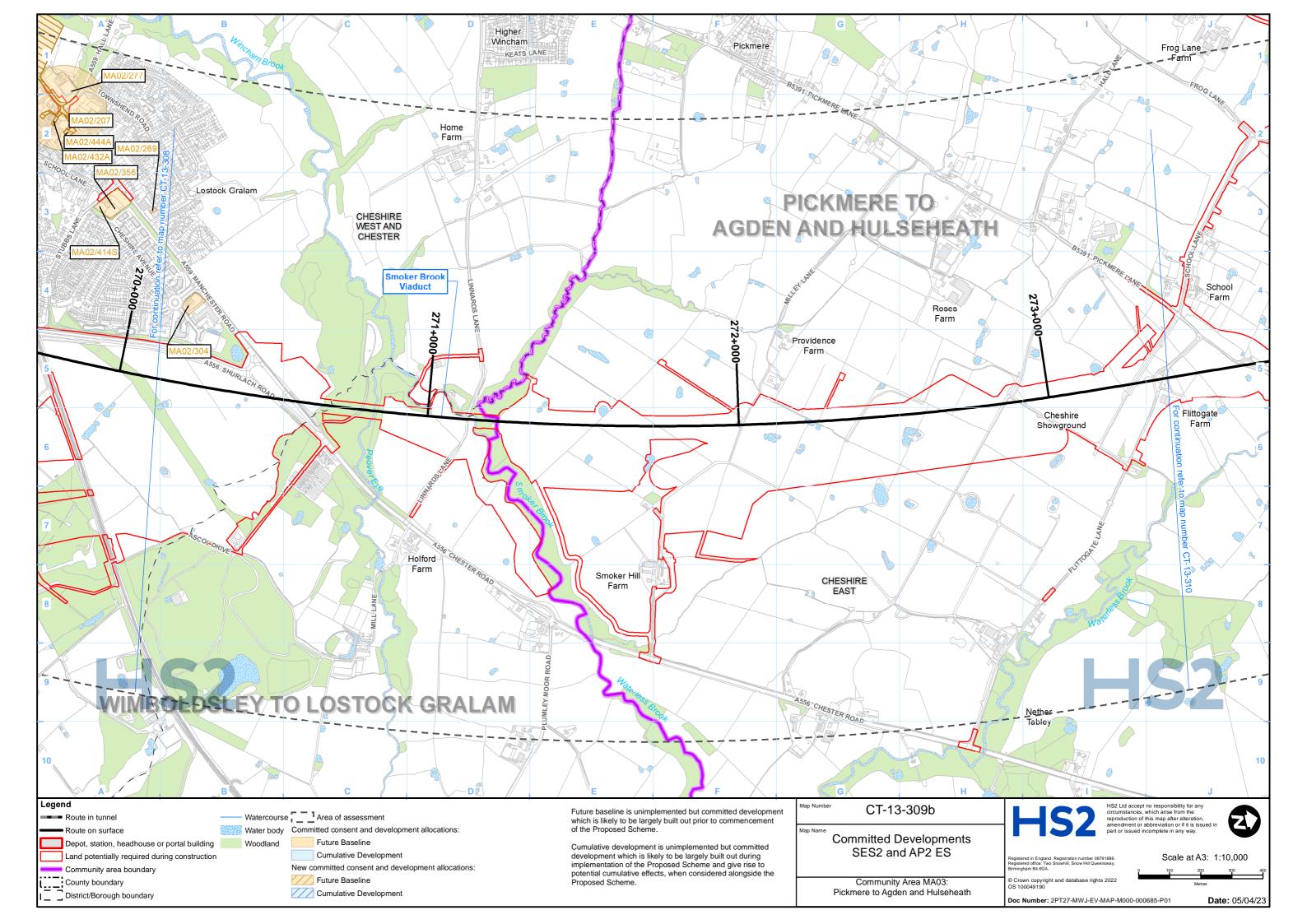




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MA03: Pickmere to Agden and Hulseheath CT-13 – Committed Developments



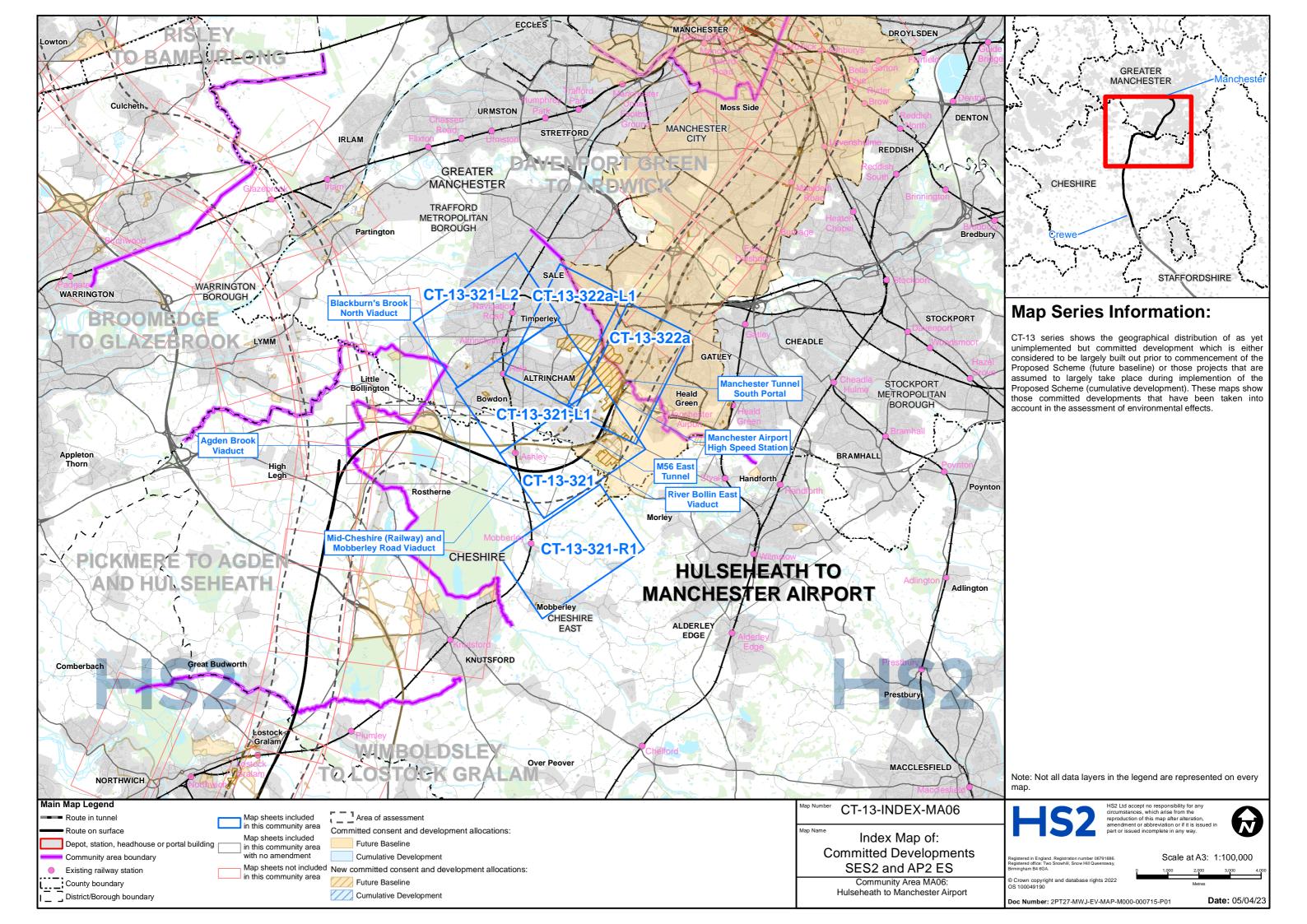


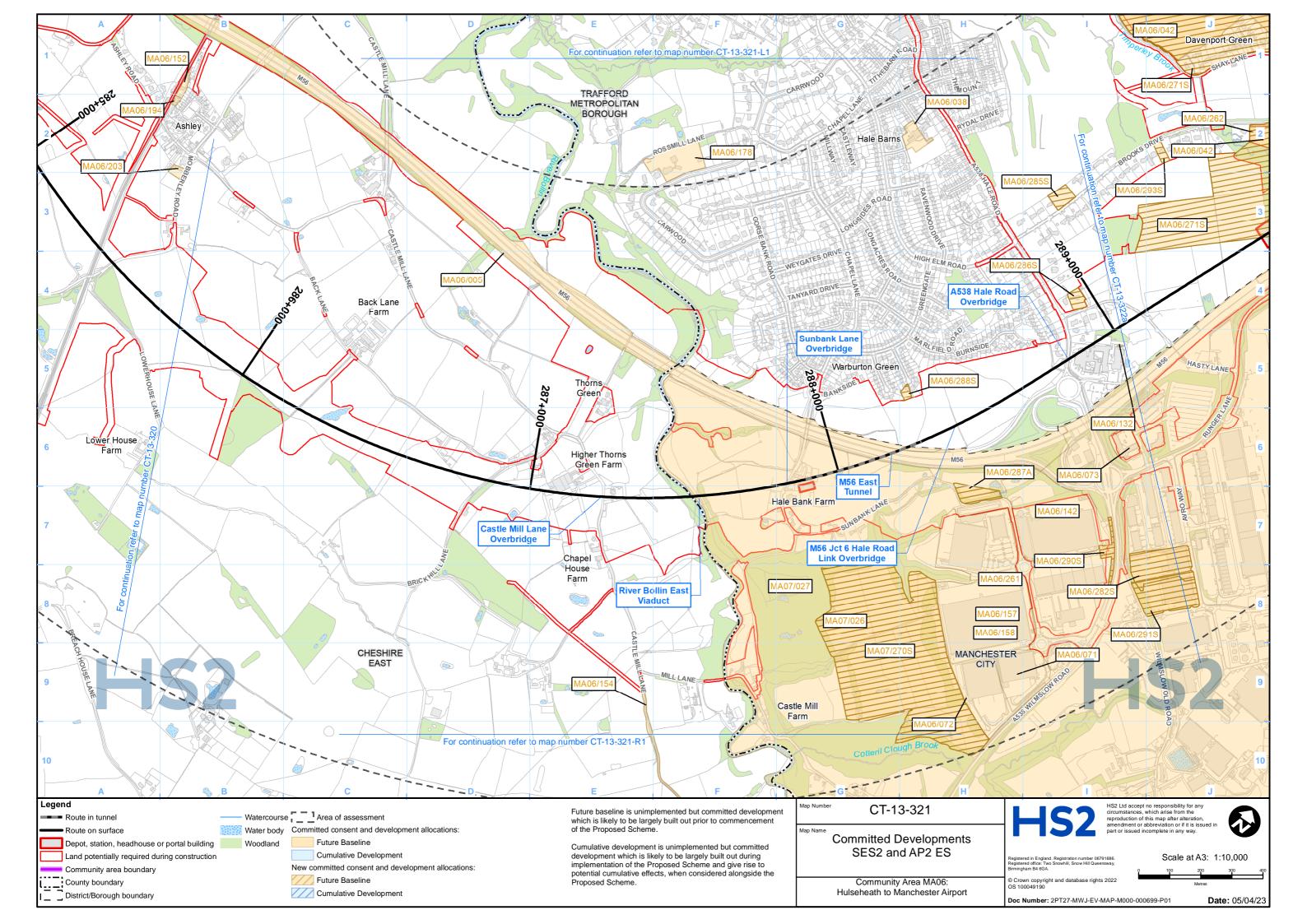
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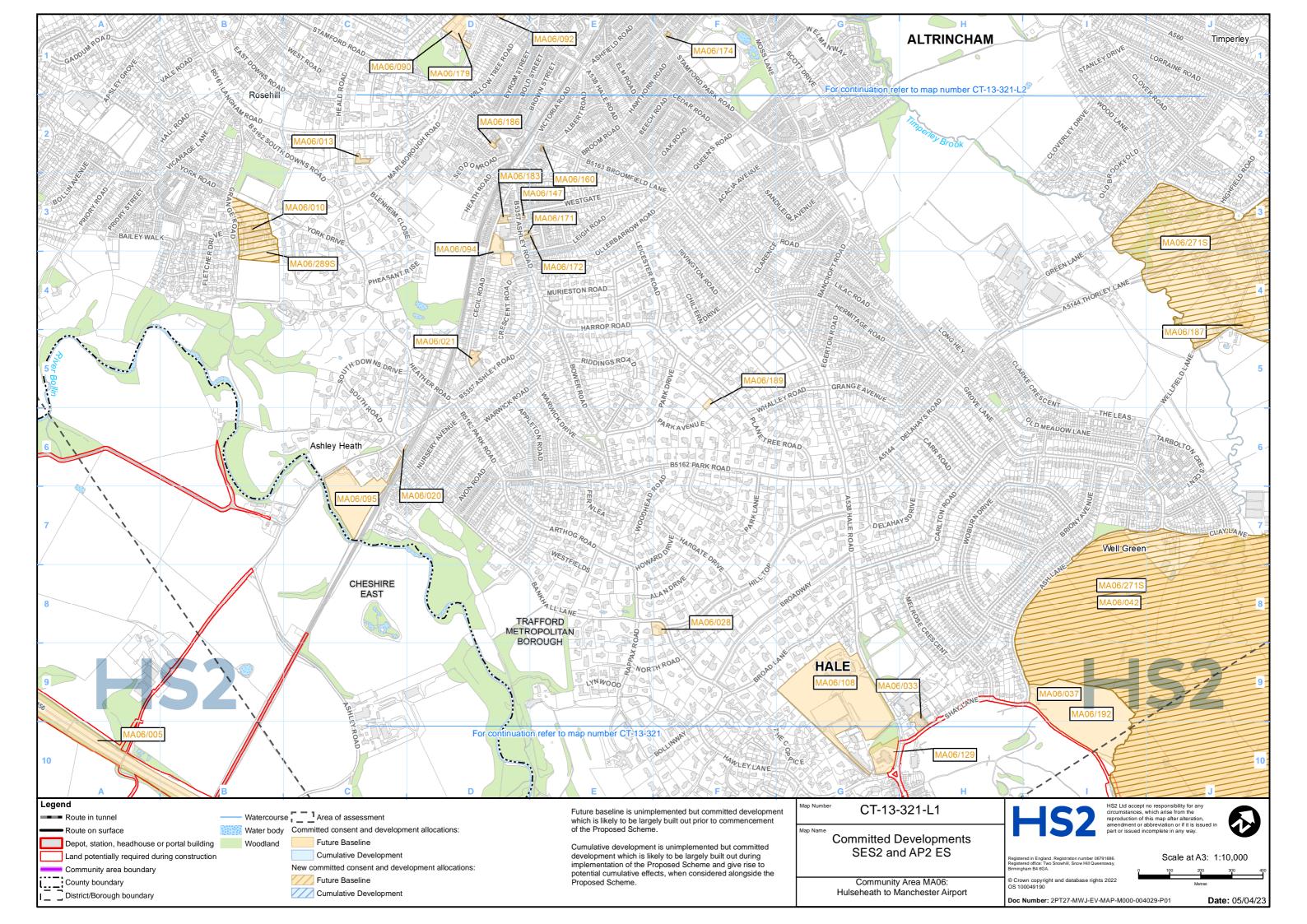


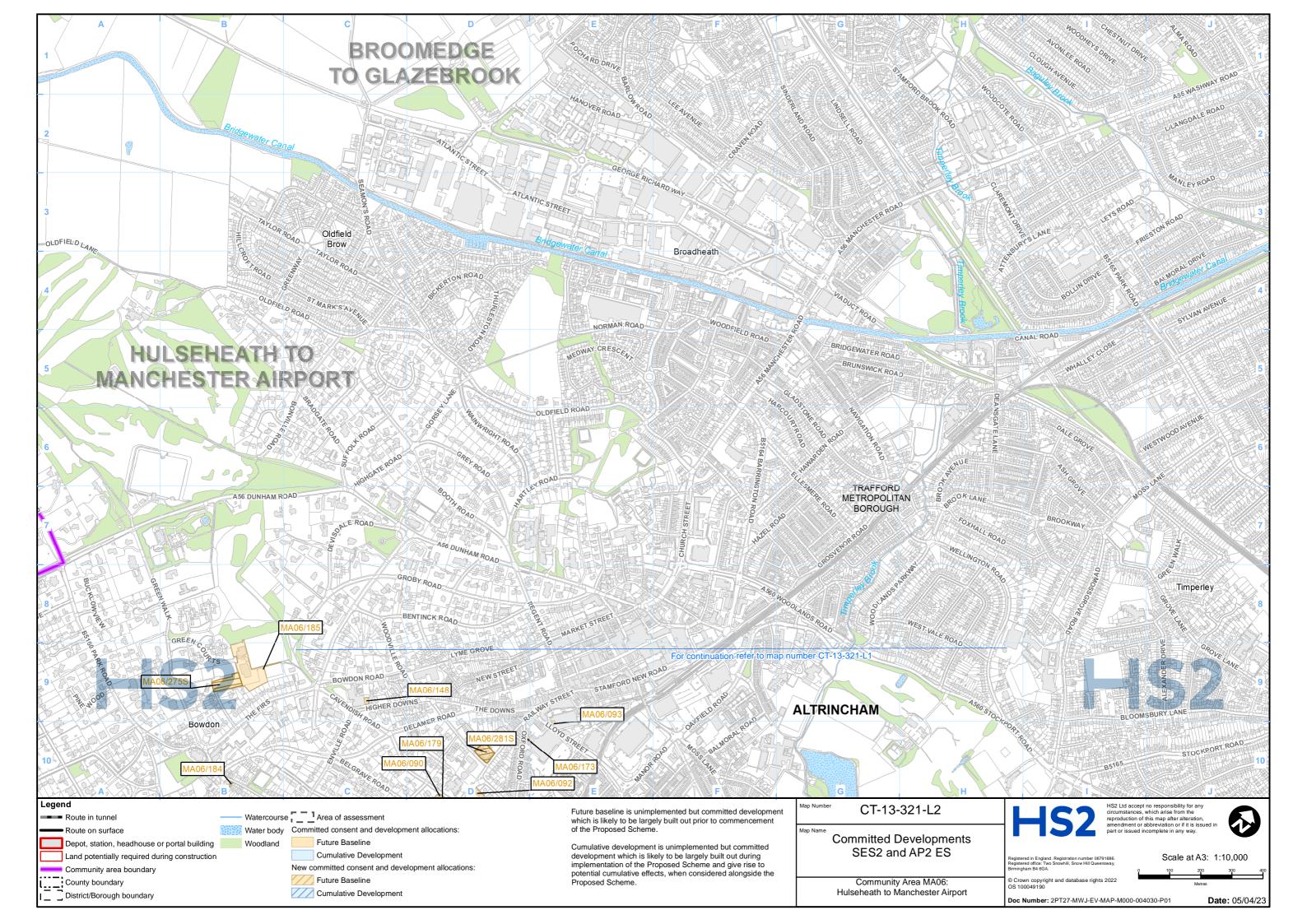
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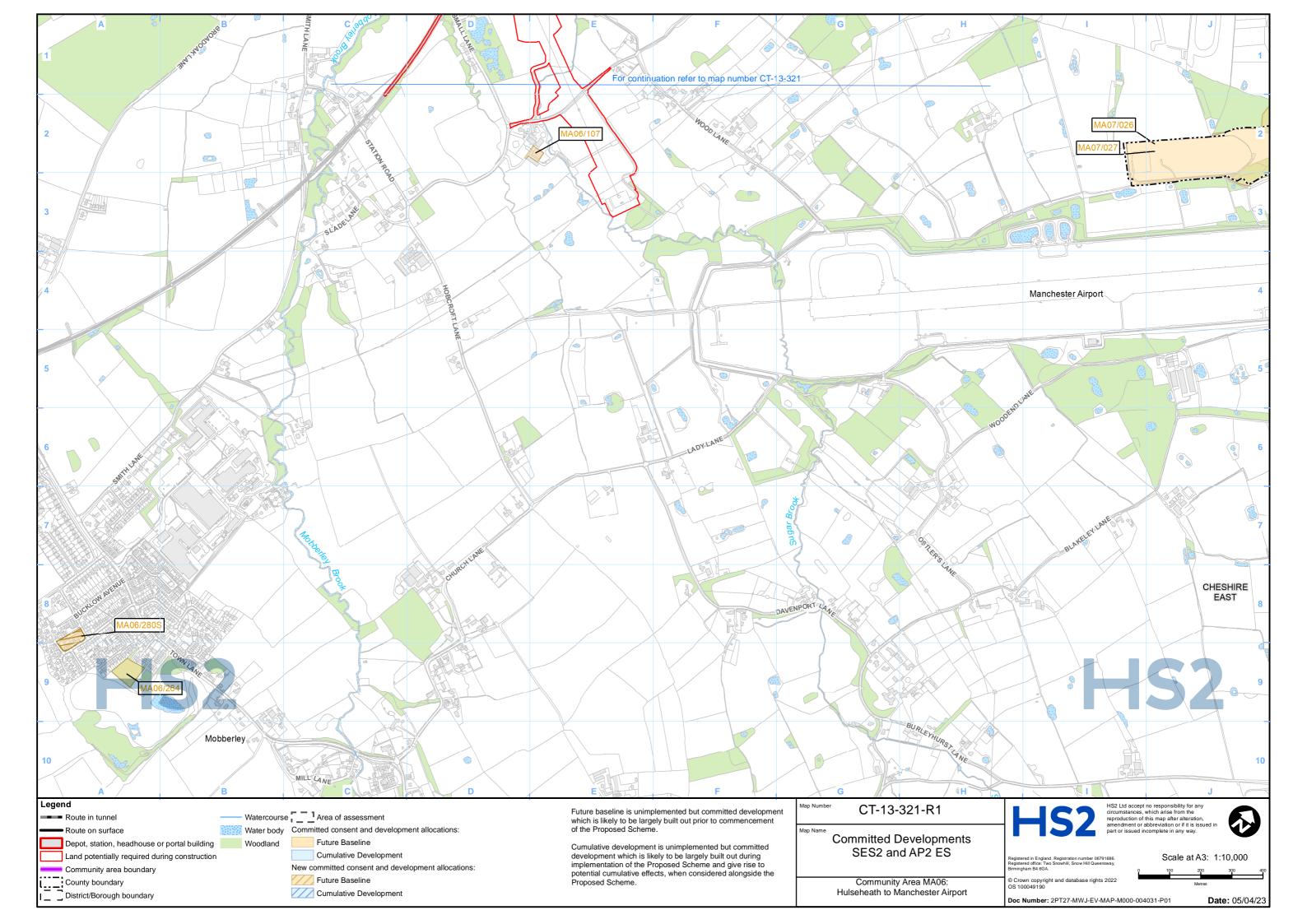
MA06: Hulseheath to Manchester Airport CT-13 – Committed Developments

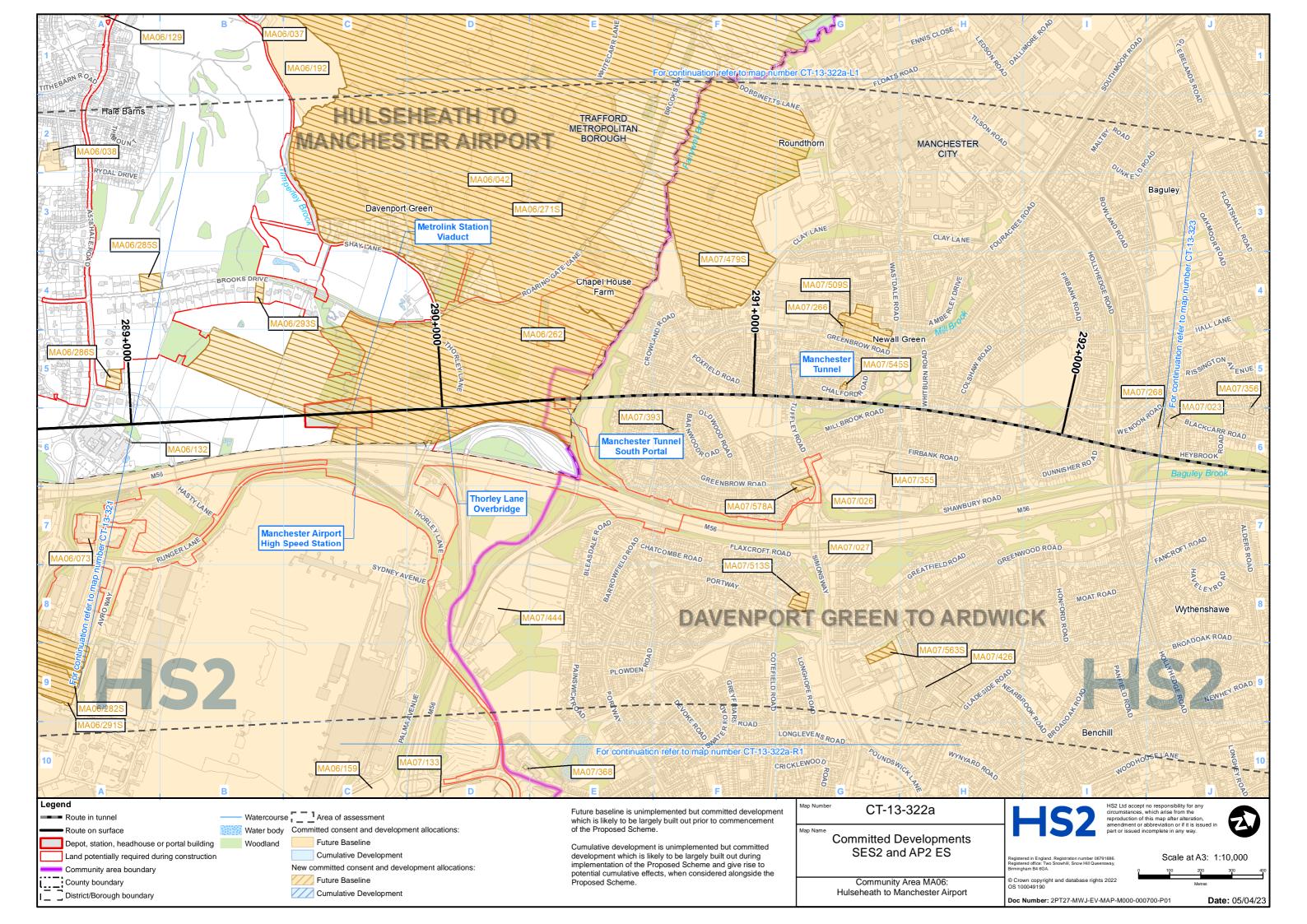


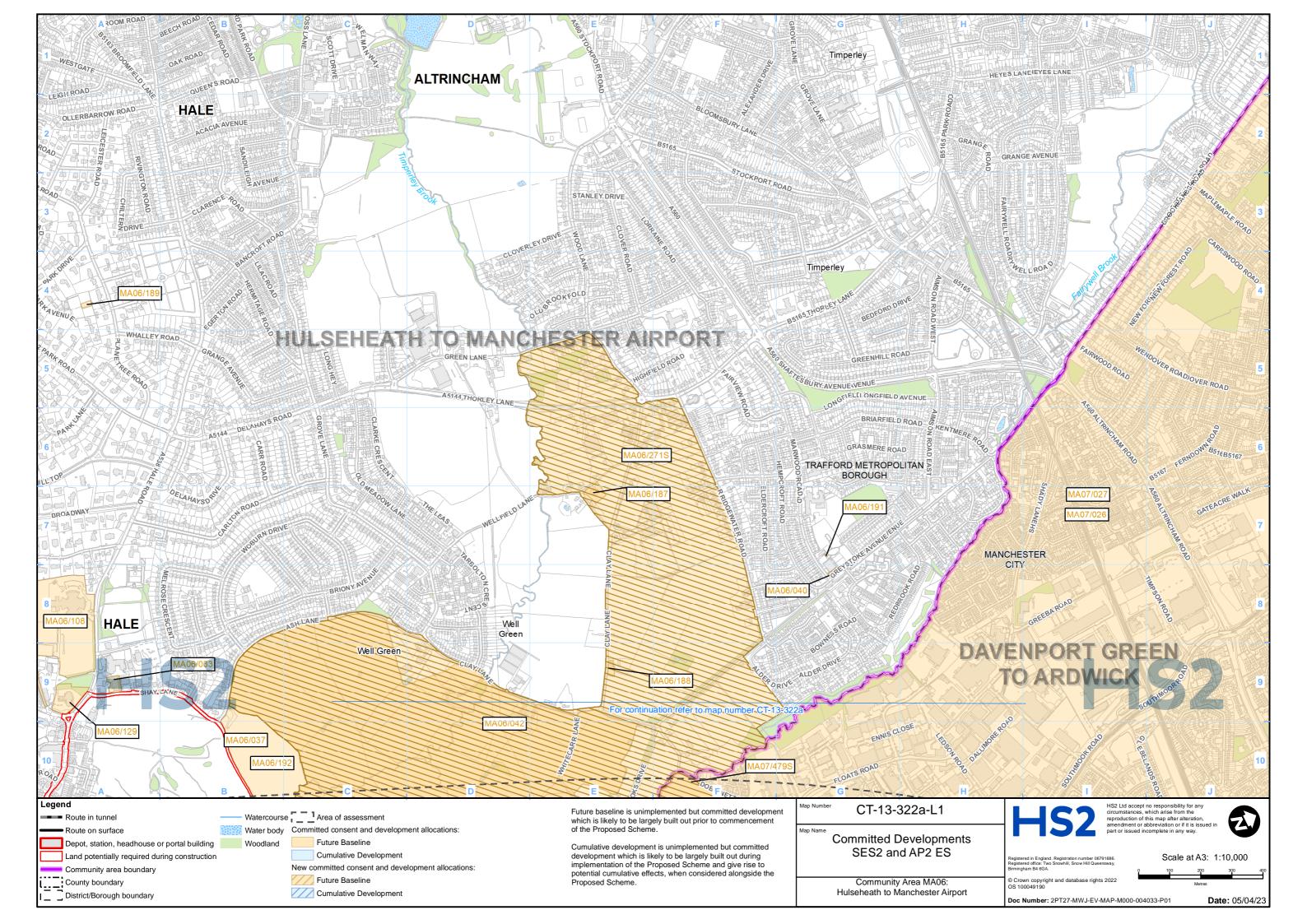










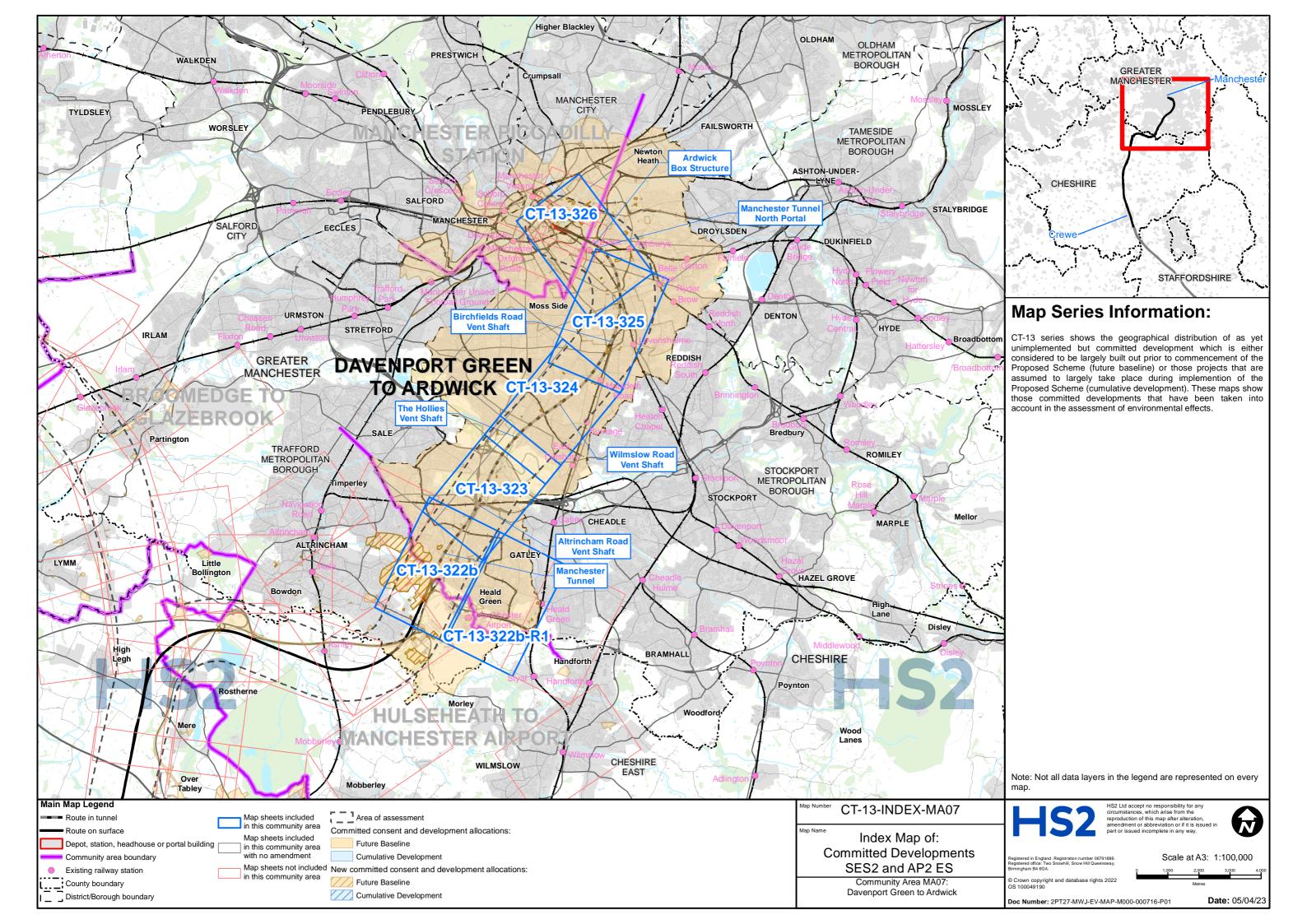


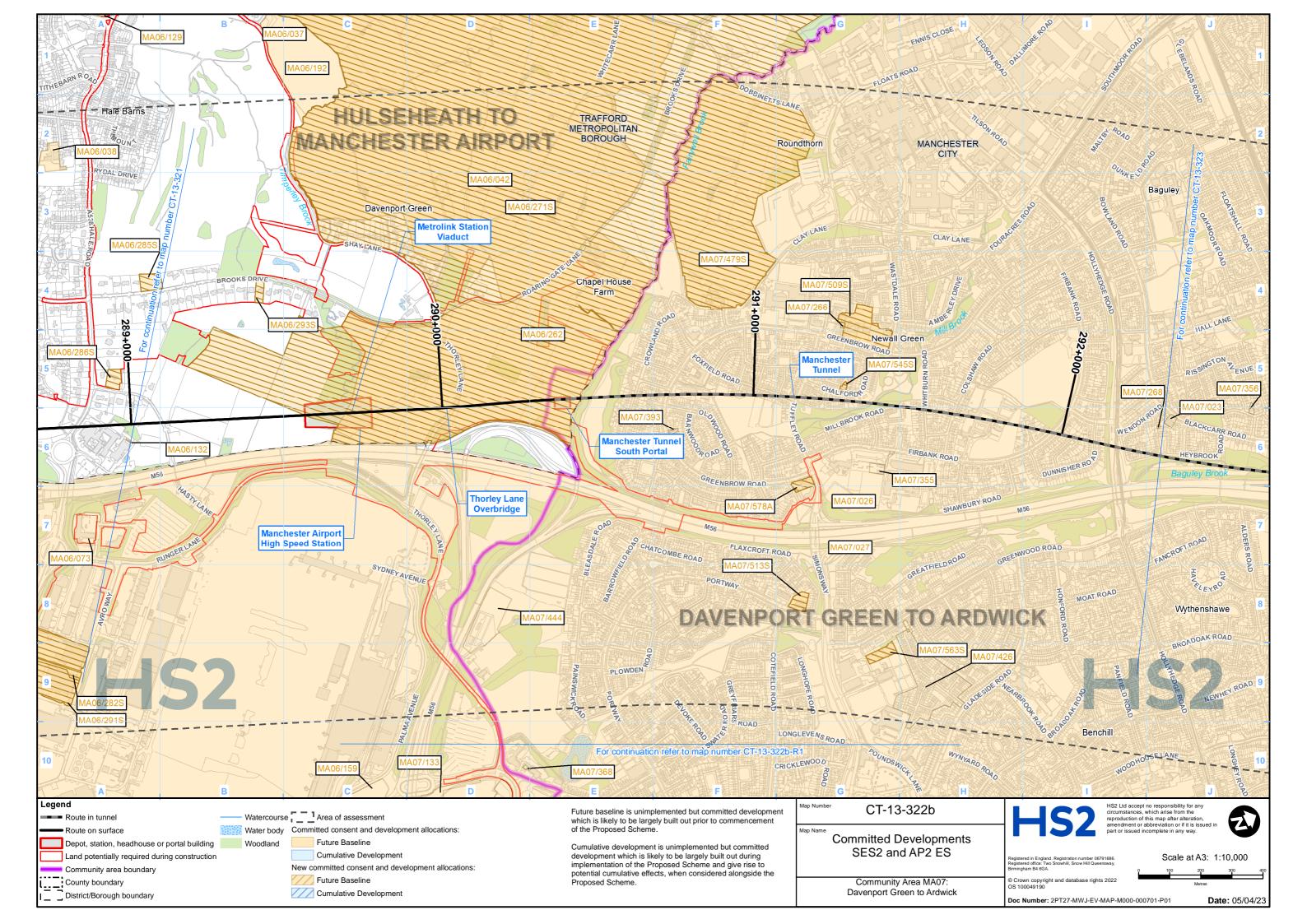


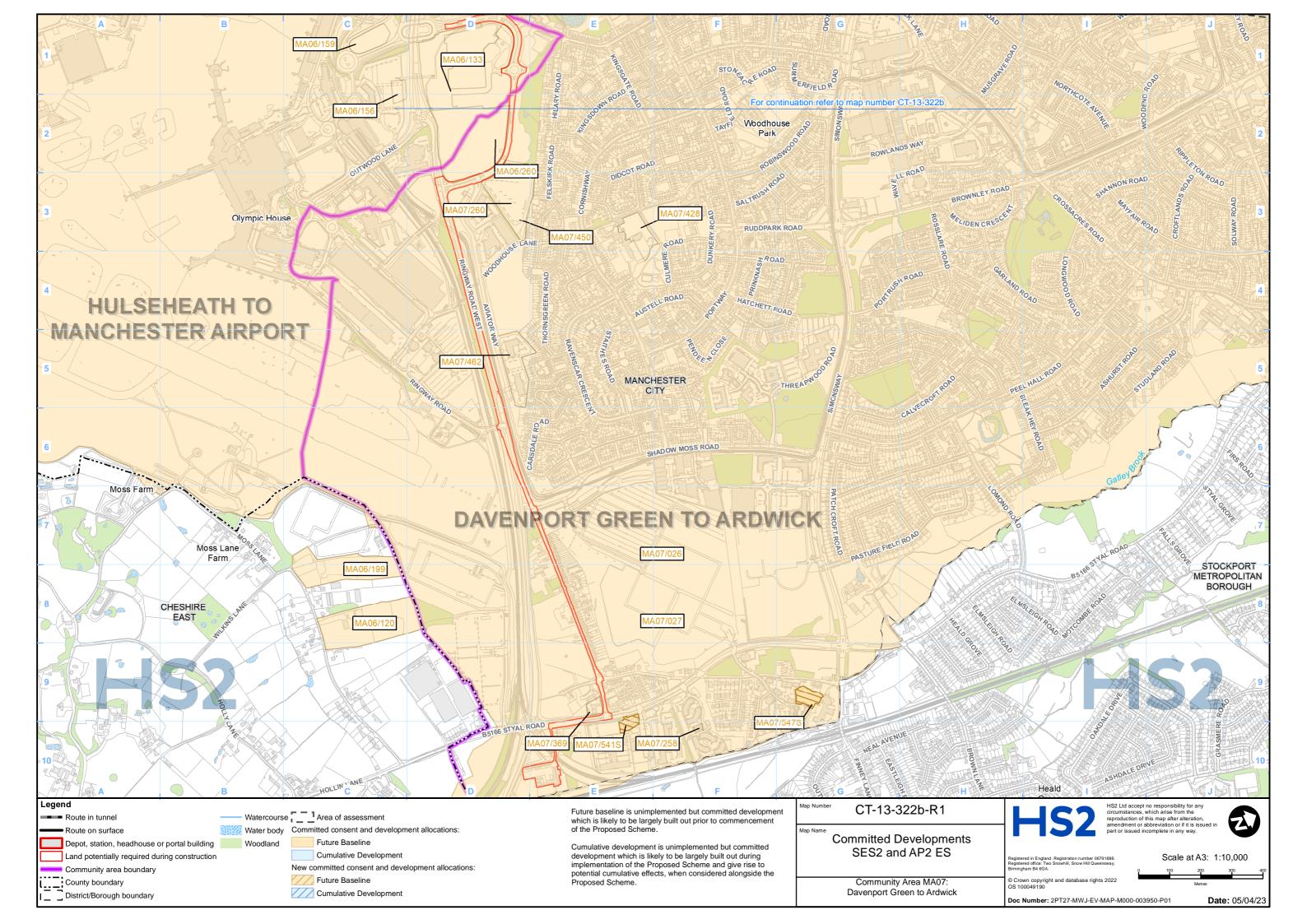
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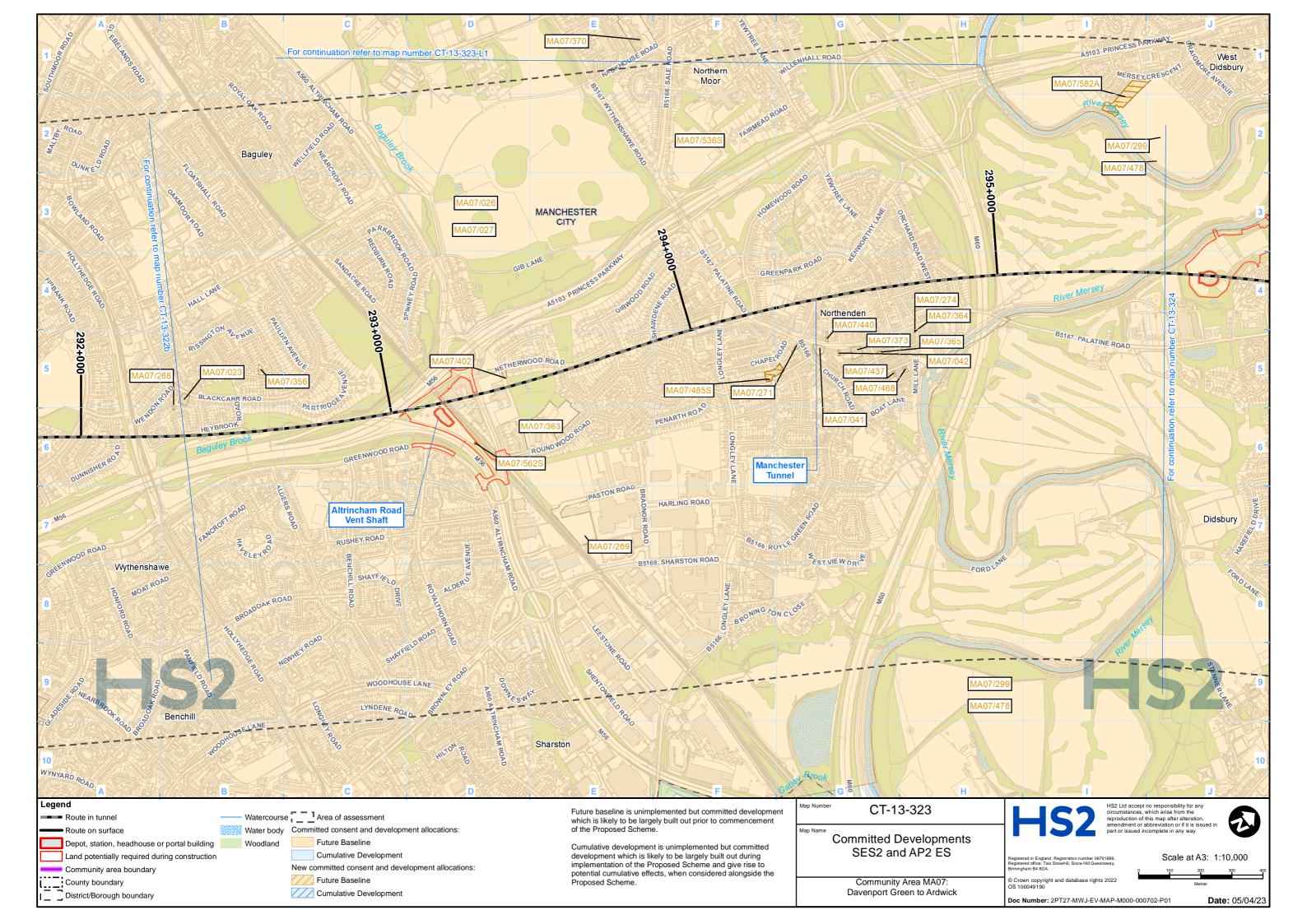
MA07: Davenport Green to Ardwick

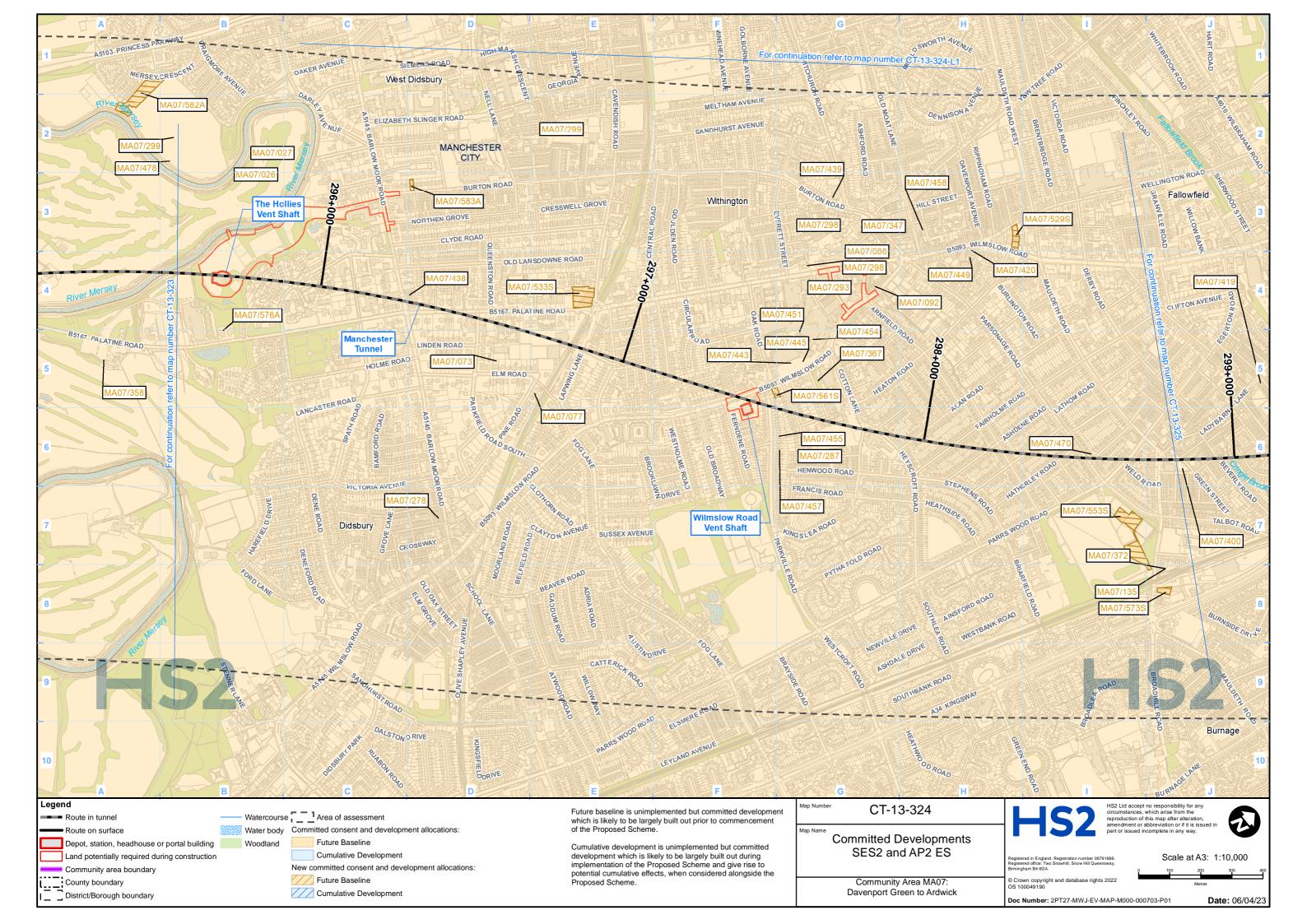
CT-13 – Committed Developments

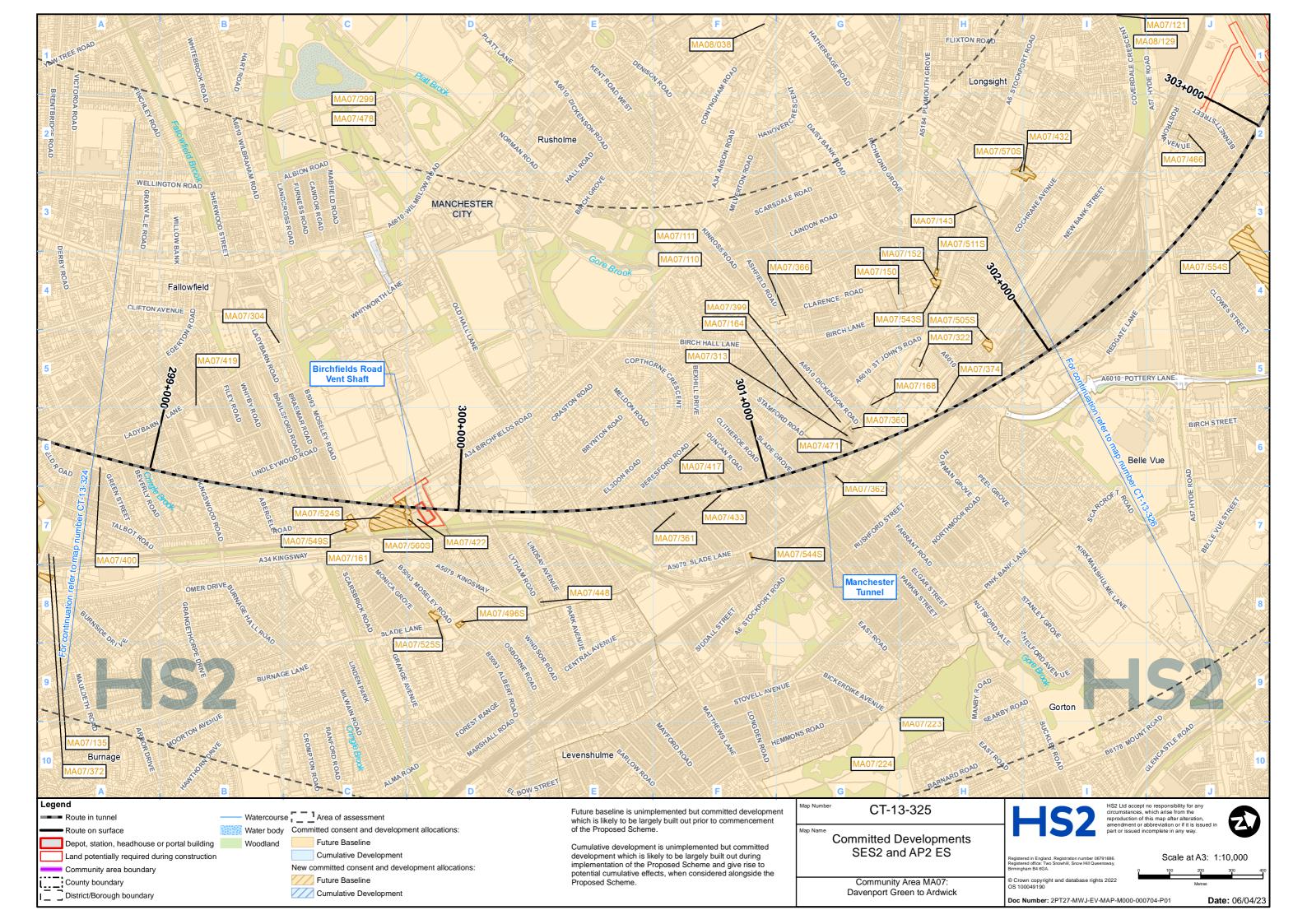


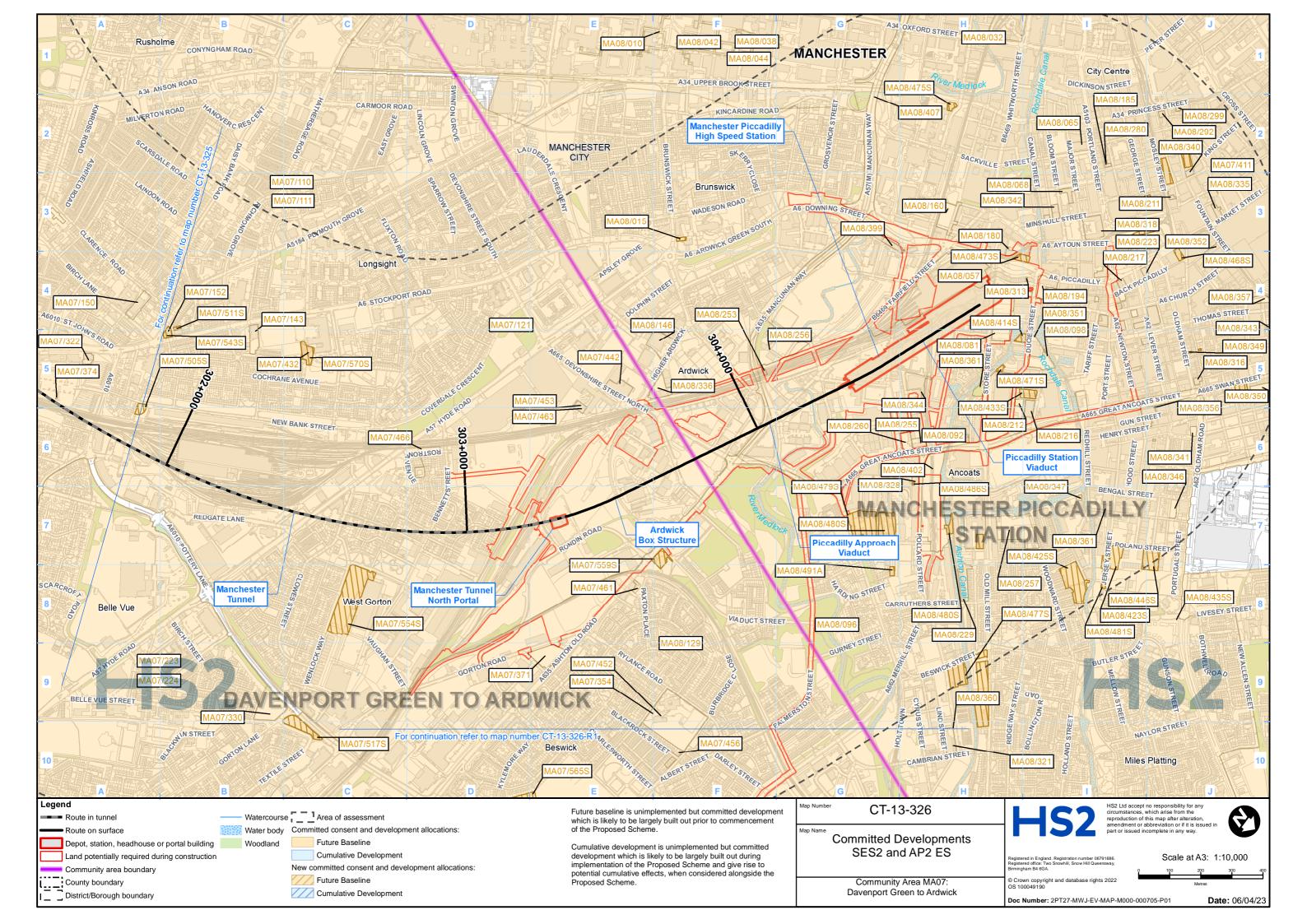










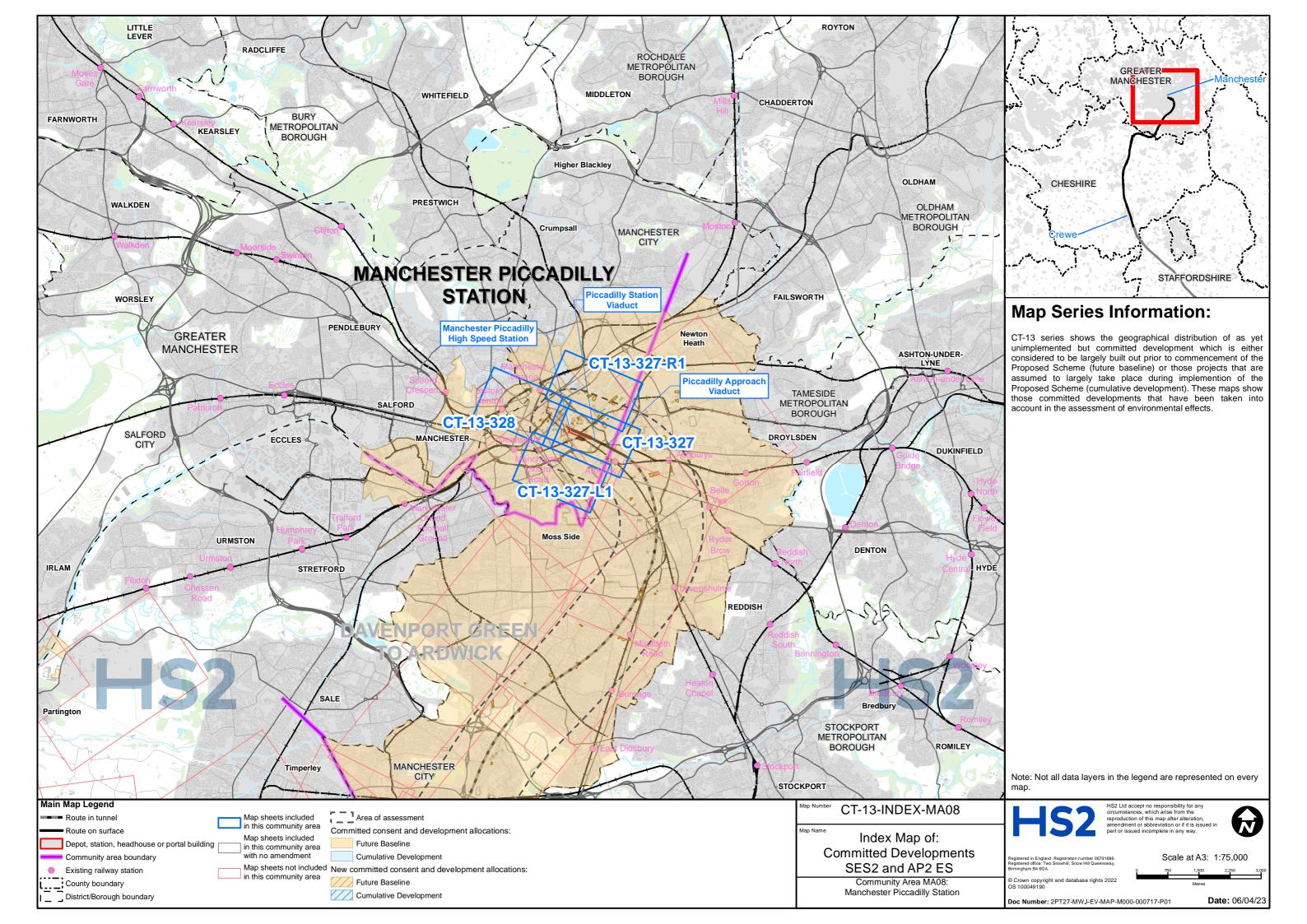


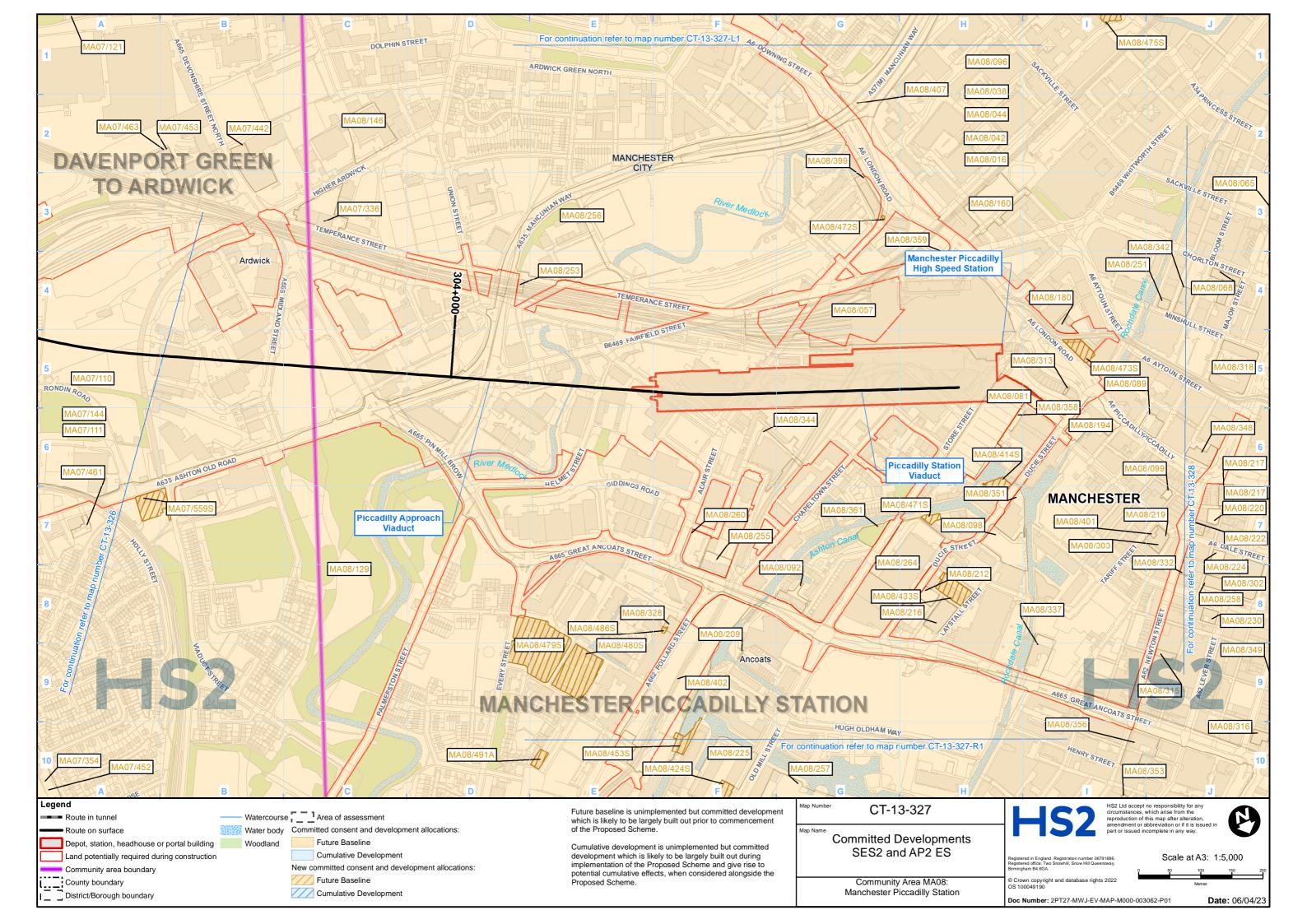


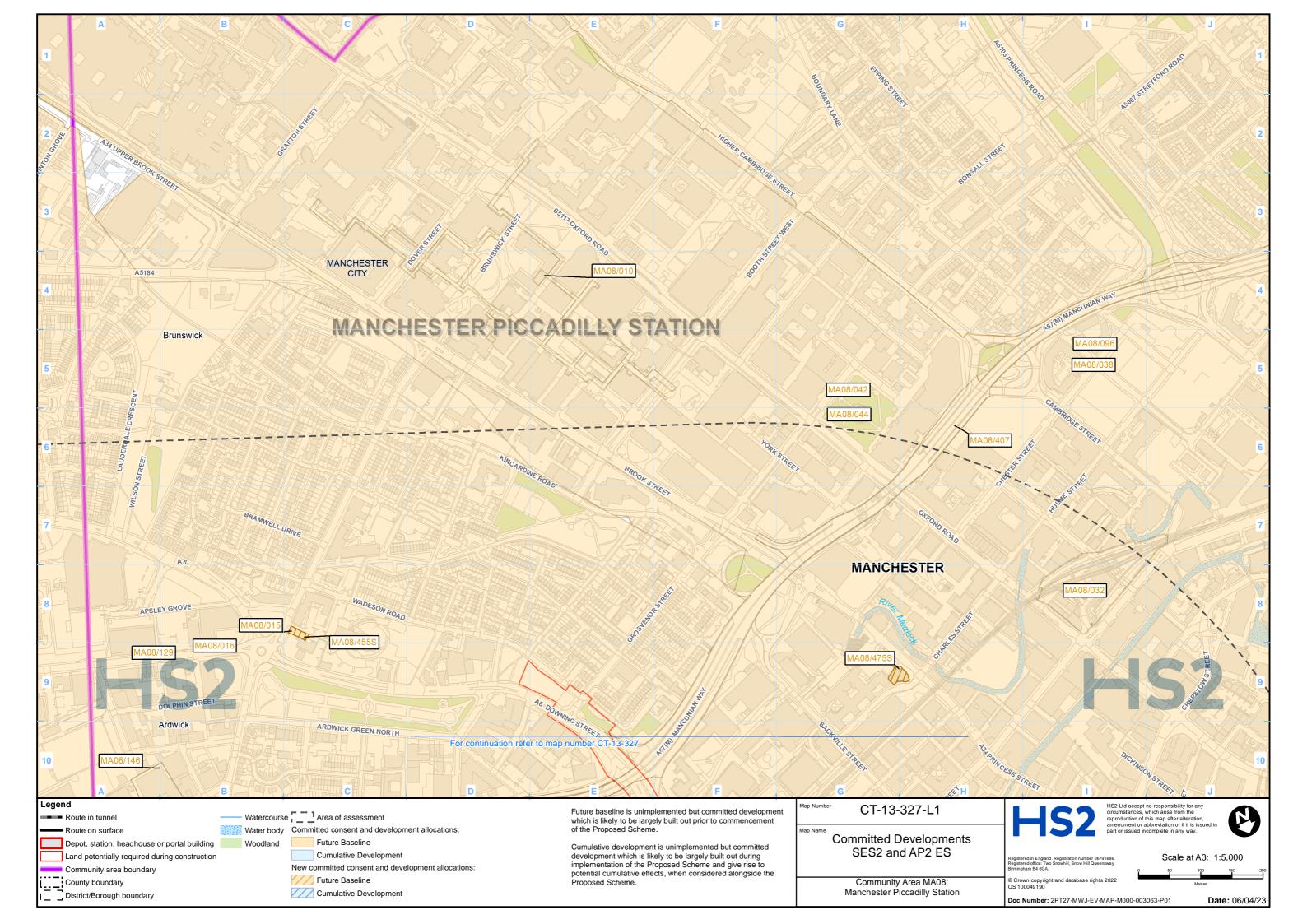
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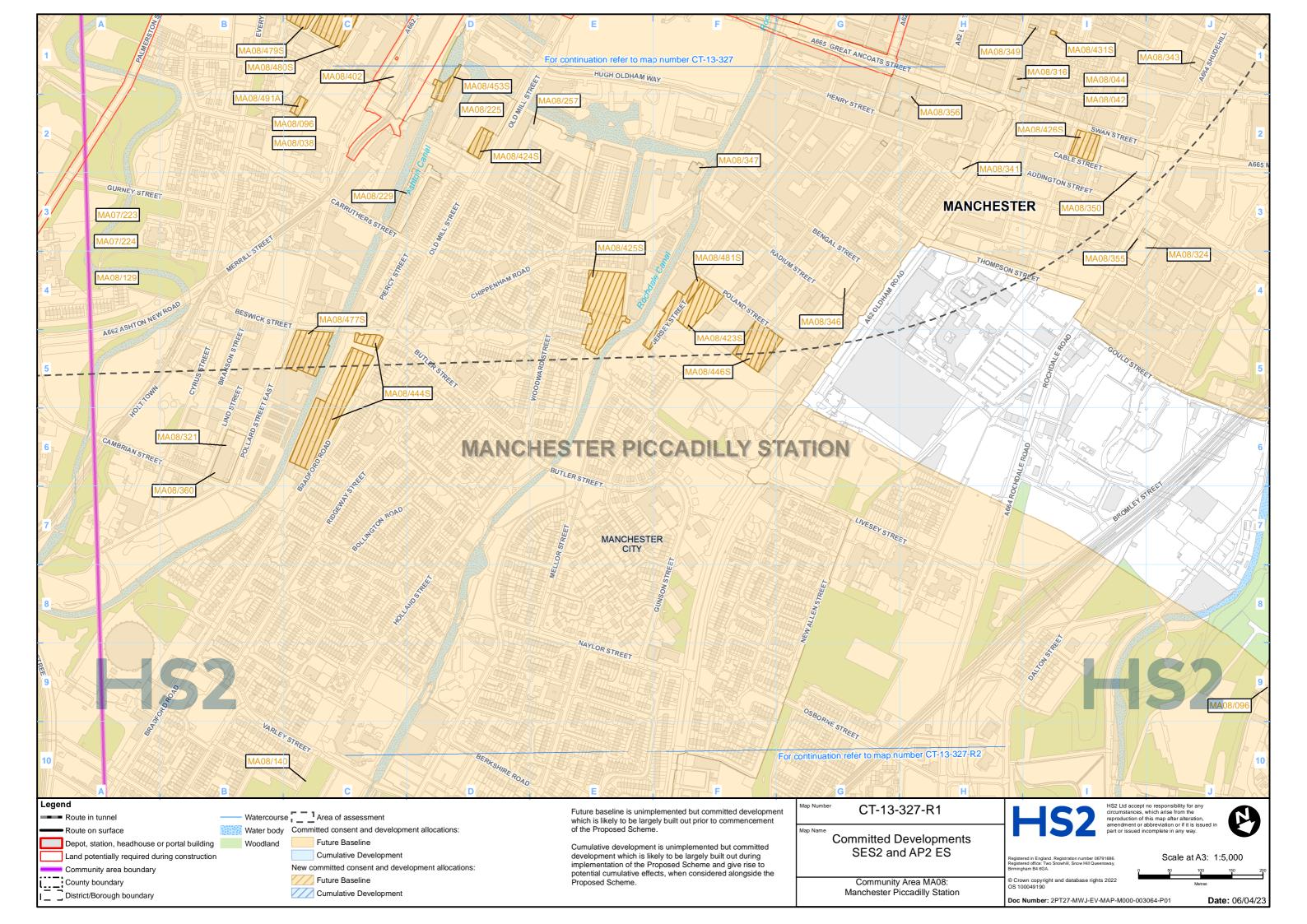
MA08: Manchester Piccadilly Station

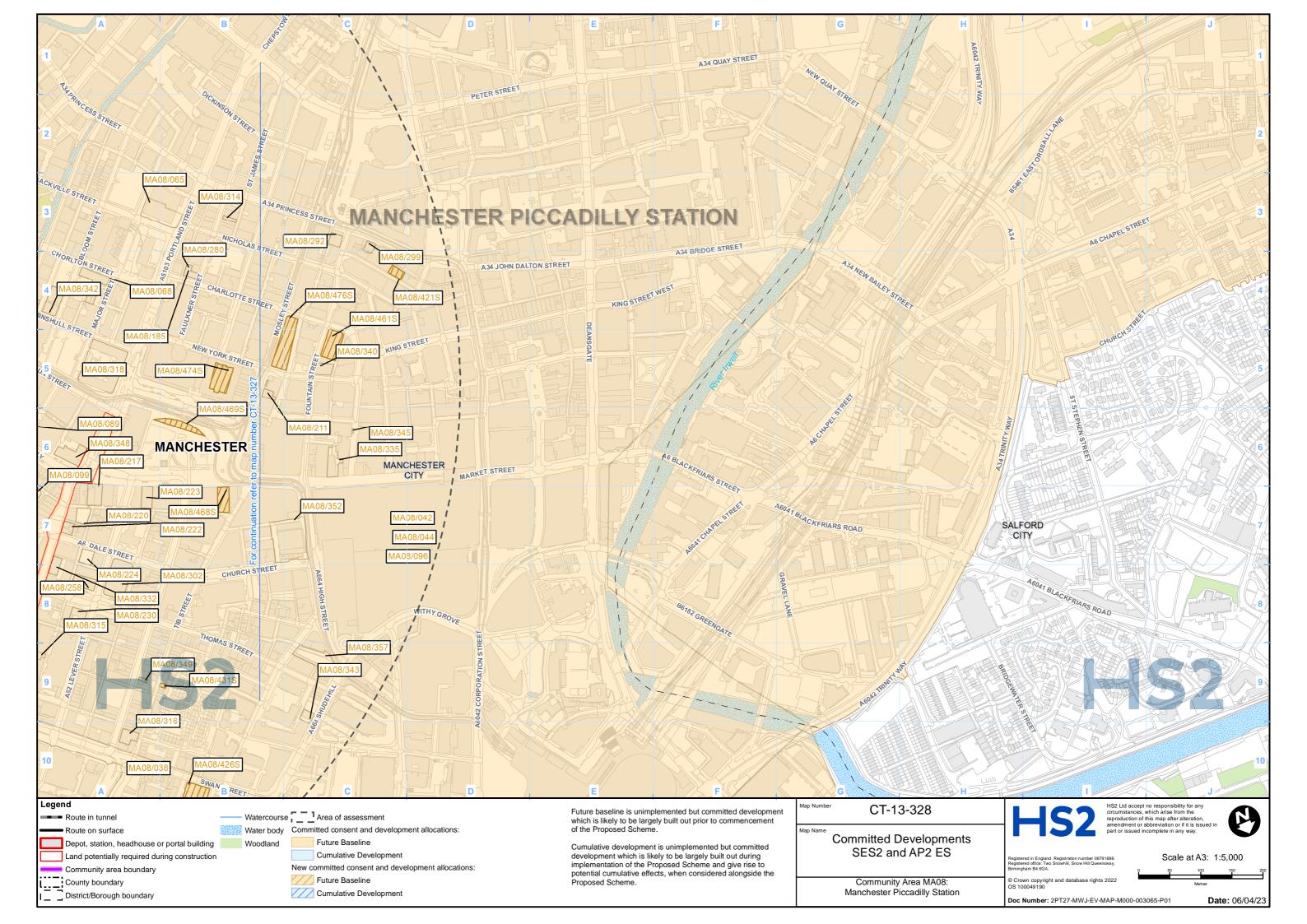
CT-13 – Committed Developments







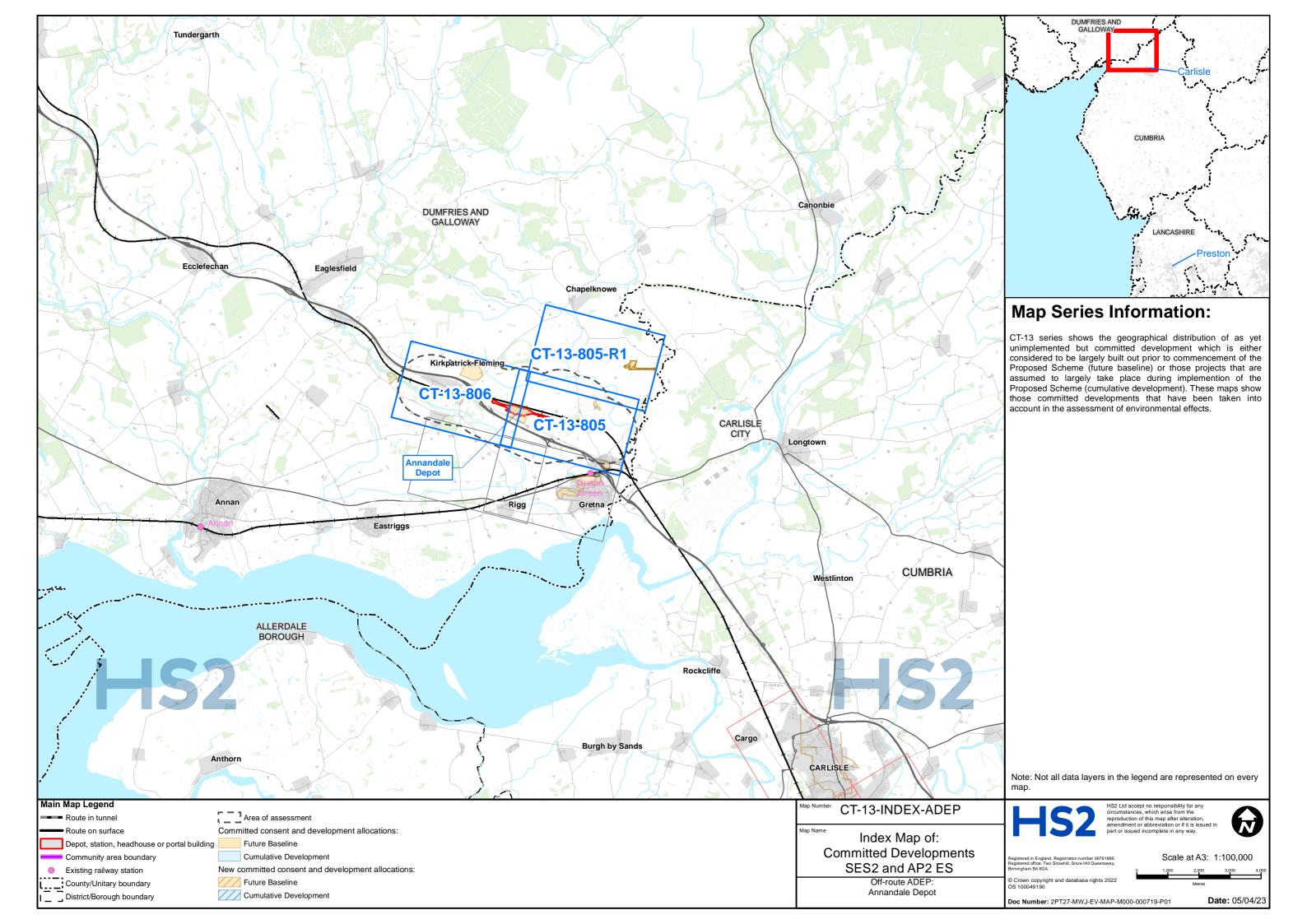


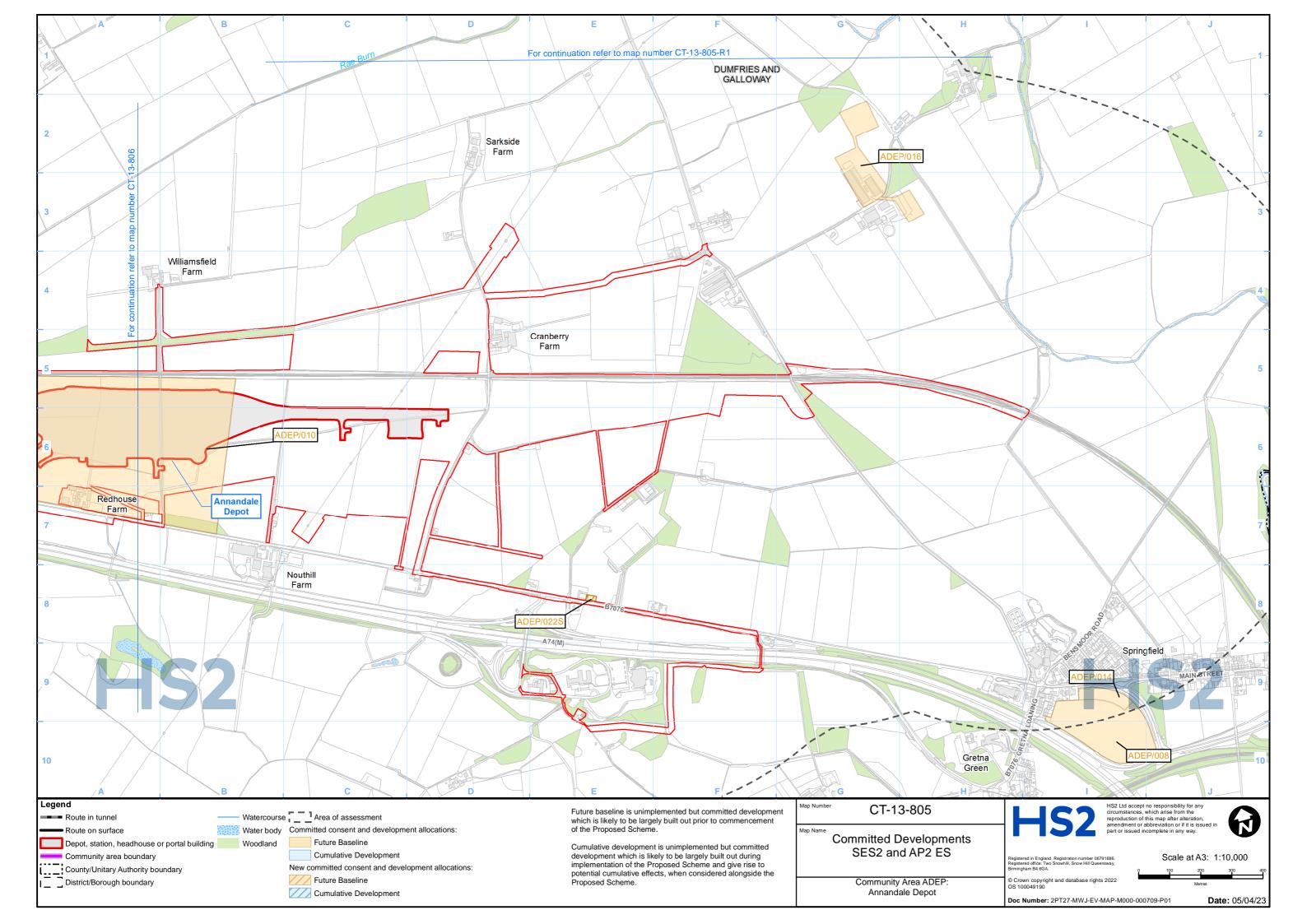


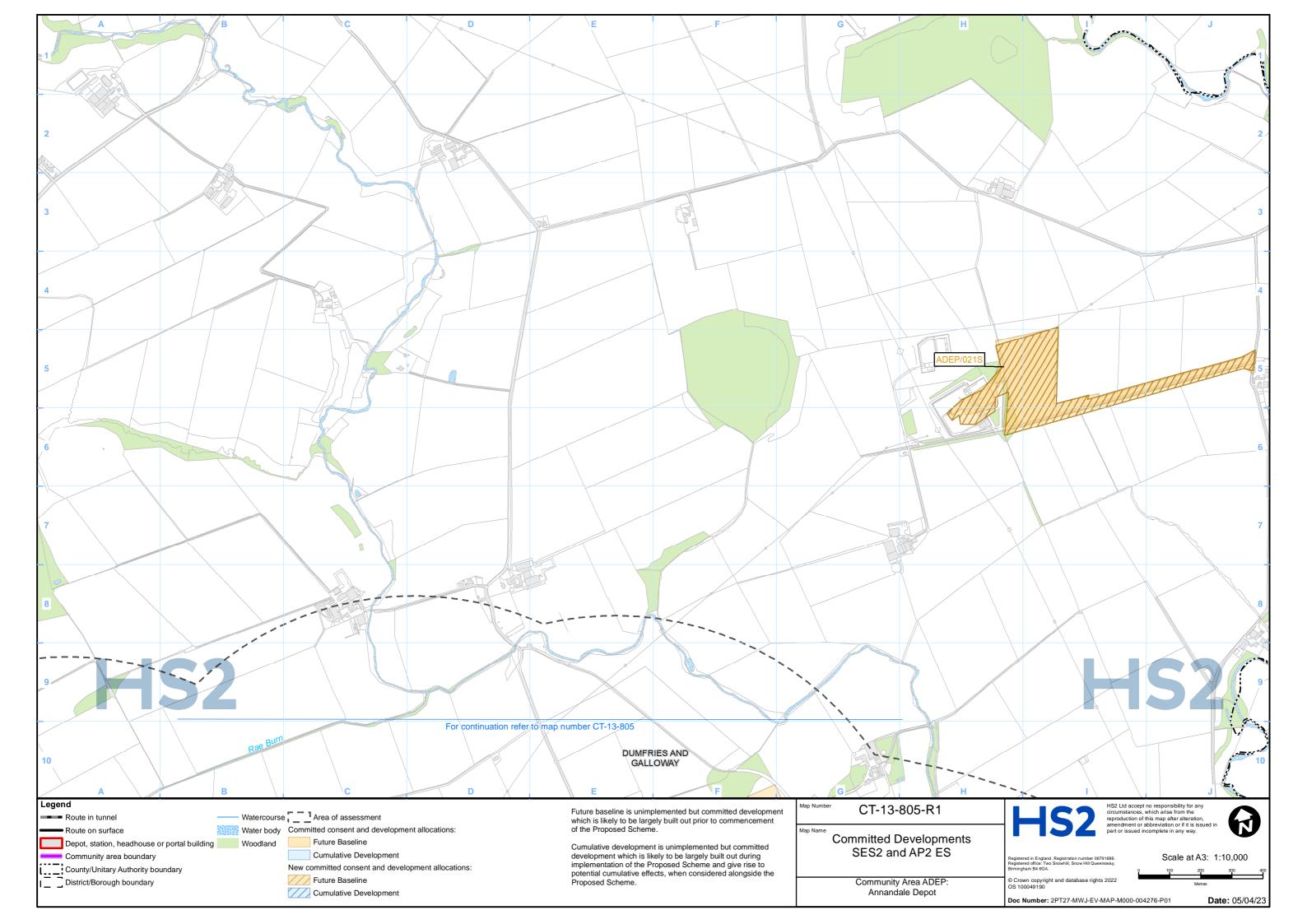


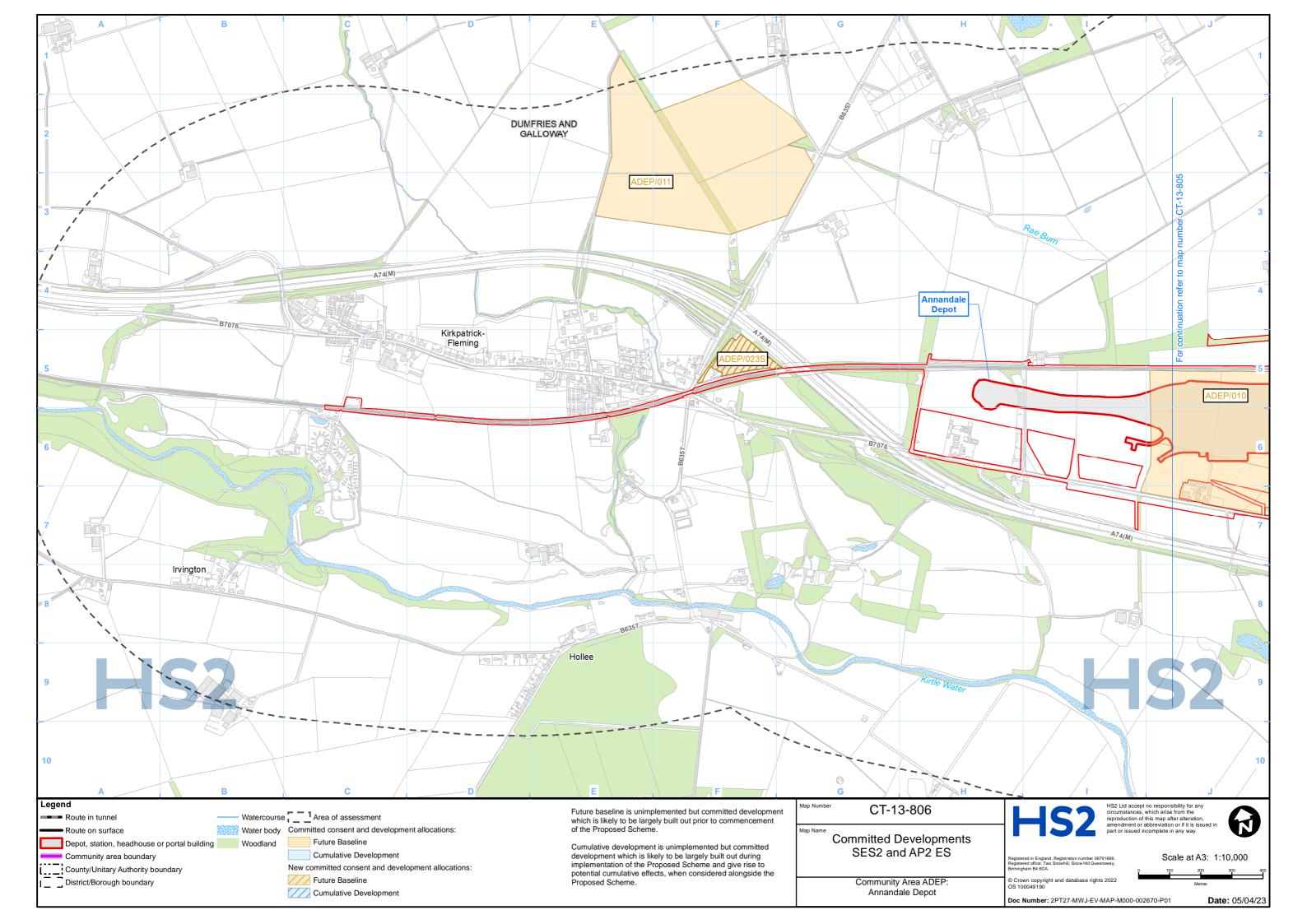
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Annandale Depot CT-13 - Committed Developments









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