In Parliament – Session 2021 - 2022



## High Speed Rail (Crewe - Manchester) Environmental Statement

Volume 5: Map Book

Community (CM-01)



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**Volume 5: Map Book** 

Community (CM-01)



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.

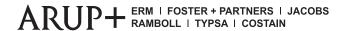
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A report prepared for High Speed Two (HS2) Limited:





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## **Contents**

Mapping explanatory notes

Data dictionary and definitions

Map series name	CM-01 - Significantly Affected Community Resources	
Map series description	These maps identify all community resources, the environmental impacts on which have been assessed as having a significant effect on their occupiers, users, beneficiaries, owners or operators, during the construction and /or operation phases of the Proposed Scheme. The name or description of each affected resource is labelled on the maps along with the duration of the effect (i.e. temporary or permanent). The type of effects are denoted with symbols as shown in the map legend.	
Community Area name		
MA01 Hough to Walley's Green	✓	
MA02 Wimboldsley to Lostock Gralam	✓	
MA03 Pickmere to Agden and Hulseheath	✓	
MA04 Broomedge to Glazebrook	✓	
MA05 Risley to Bamfurlong	✓	
MA06 Hulseheath to Manchester Airport	✓	
MA07 Davenport Green to Ardwick	✓	
MA08 Manchester Piccadilly Station	✓	
ORW1 Preston Station (PSTN)		
ORW2 Carlisle Station (CSTN)		
ORW3 Annandale Depot (ADEP)		

### **Mapping explanatory notes**

### Structure of the HS2 Phase 2b Environmental Statement

This map book is part of the suite of documents that make up the Environmental Statement (ES) that accompanies the deposit of the High Speed Rail (Crewe – Manchester) hybrid Bill. The structure of the ES is shown in the diagram below:

#### Non-technical summary

Provides a summary in non-technical language of the Proposed Scheme and its likely significant effects on the environment. This presents a summary of information included within the Environmental Statement.

#### Glossary, abbreviations and references

Contains terms, abbreviations and references.

#### Volume 1: Introduction and methodology

Provides an overview of the Proposed Scheme and the Environmental Impact Assessment (EIA) process.

#### Volume 3: Route-wide effects

Describes the effects that are likely to occur at a geographical scale greater than the community areas described in the Volume 2: Community Area reports.

#### Volume 4: Off-route effects

Sets out the likely significant effects at locations beyond the Phase 2b Western Leg corridor and its local environment.

Map Book

#### Volume 2: Community Area (CA) reports

Consists of eight reports and their associated map books. These reports set out the design and environmental assessment for the Proposed Scheme at a community area level, as shown below.

#### MA01 Report

Hough to Walley's Green

MA01 Map Book

#### MA02 Report

Wimboldsley to Lostock Gralam

MA02 Map Book

#### MA03 Report

Pickmere to Agden and Hulseheath

MA03 Map Book

#### MA04 Report

Broomedge to Glazebrook

MA04 Map Book

#### MA05 Report

Risley to Bamfurlong

MA05 Map Book

#### MA07 Report

Davenport Green to Ardwick

MA07 Map Book

#### MA08 Report

Manchester **Piccadilly Station** 

MA08 Map Book

#### Volume 5: Appendices and map books

The majority of appendices in Volume 5 examine certain topics in detail, either within a community area or more widely. Appendices assessing a particular topic are identified by the reference codes below. Volume 5 also contains supporting documents, such as the draft Code of Construction Practice. The topics which also have map books are noted below.



Scope and Methodology Report

Draft Code of Construction Practice

Alternatives report

Planning data

Wider effects report

**Working Draft** Environmental Statement consultation summary report

MA06 Report

Hulseheath to

Manchester Airport

MA06 Map Book

Borrow pit report

### **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 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 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 dependant 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 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.

## Map books

In total, there are 29 map books, which make up the ES, found in Volume 2, Volume 4 and Volume 5. A list of the titles is provided below for reference.

Name	Name
Volume 2: Map book – MA01: Hough to Walley's Green	Volume 5: Map book – Agriculture (AG-01, AG02, AG-04)
Volume 2: Map book – MA02: Wimboldsley to Lostock Gralam	Volume 5: Map book – Air quality (AQ-01)
Volume 2: Map book – MA03: Pickmere to Agden and Hulseheath	Volume 5: Map book – Community (CM-01)
Volume 2: Map book – MA04: Broomedge to Glazebrook	Volume 5: Map book – Ecology and biodiversity (EC-01)
Volume 2: Map book – MA05: Risley to Bamfurlong	Volume 5: Map book – Historic Environment (HE-01, HE-02, HE-03)
Volume 2: Map book – MA06: Hulseheath to Manchester Airport	Volume 5: Map book – Land quality (LQ-01)
Volume 2: Map book – MA07: Davenport to Green Ardwick	Volume 5: Map book – MA01: Hough to Walley's Green Landscape and visual (LV-00, LV-02, LV-07, LV-08, LV-17)
Volume 2: Map book – MA08: Manchester Piccadilly Station	Volume 5: Map book – MA02: Wimboldsley to Lostock Gralam Landscape and visual (LV-00, LV-02, LV-07, LV-08, LV-17)
Volume 4: Map book – Off-route effects	Volume 5: Map book – MA03: Pickmere to Agden and Hulseheath Landscape and visual (LV-00, LV-02, LV-07, LV-08, LV-17)

Name	Name
Volume 5: Map book – MA04: Broomedge to Glazebrook Landscape and visual (LV-00, LV-02, LV-07, LV-08, LV-17)	Volume 5: Map book – MA05: Risley to Bamfurlong Landscape and visual (LV-00, LV-02, LV-07, LV-08, LV-17)
Volume 5: Map book – MA06: Hulseheath to Manchester Airport Landscape and visual (LV-00, LV-02, LV-07, LV-08, LV-17)	Volume 5: Map book – MA07: Davenport to Green Ardwick Landscape and visual (LV-00, LV-02, LV-07, LV-08, LV-17)
Volume 5: Map book – MA08: Manchester Piccadilly Station Landscape and visual (LV-00, LV-02, LV-07, LV-08, LV-17)	Volume 5: Map book – OR003 Annandale Depot Landscape and visual (LV-00, LV-02, LV-07, LV-08, LV-17)
Volume 5: Map book – Planning Data/Committed Development (CT-13)	Volume 5: Map book – Socio-economics (SE-01)
Volume 5: Map book – Sound, noise and vibration (SV-02, SV-03, SV-08, SV-09)	Volume 5: Map book – Traffic and transport (TR-01, TR-03, TR-04, TR-08)
Volume 5: Map book – Water resources and flood risk (WR-01, WR-02, WR-03, WR-05, WR-06)	



## High Speed Rail (Crewe - Manchester) Environmental Statement

Data dictionary and definitions

Legend features	Definition	Source	Copyright
Community area boundary	The Environmental Statement has been split into eight sections called Community Areas.	High Speed Two (HS2) Ltd	© Crown copyright. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of Publication 2019.
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. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of Publication 2019.
	Extends to cover operational footprint of each depot and station and the		
Depot, station, headhouse or portal building	footprint of each tunnel vent shaft and headhouse at surface level. Excludes	High Speed Two (HS2) Ltd	
	any ancillary buildings associated with these structures.		
District/borough boundary/Unitary authority	Ordnance Survey local authority boundary mapping.	Ordnance Survey	© Crown copyright. Reproduced by permission of Ordnance Survey Licence Number 100049190. Year of Publication 2019.
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.		
Promoted routes significantly affected during construction	Promoted routes identified as significantly affected.	High Speed Two (HS2) Ltd	
Resources significantly affected during construction and operation	Community resources and residential properties identified as significantly affected by the construction and operation of the scheme. Derived from Ordnance Survey MasterMap data.	High Speed Two (HS2) Ltd	

Legend features	Definition	Source	Copyright
	Promoted routes identified as significantly affected during construction of the scheme.		
	Land taken or demolitions - Land required from a community resource or the loss of a resource.		
Resources significantly affected during construction (CM-01)	Isolation - Physical islanding of properties or an increase in journey times and/or distance between residential areas and the community resources that residents use on a regular basis.		
	In-combination - A combination of two or more significant environmental effects on a community resource or a group of 5 or more residential properties.		
	Multiple - A combination of two or more significant community effects (i.e. land taken or demolition; isolation; or in-combination) on the resource(s).		
Resources significantly affected during operation (CM-01)	Community resources and residential properties identified as significantly affected by the operation of the scheme. Derived from Ordnance Survey MasterMap data.	High Speed Two (HS2) Ltd	
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 2019.
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 2019.
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 2019.

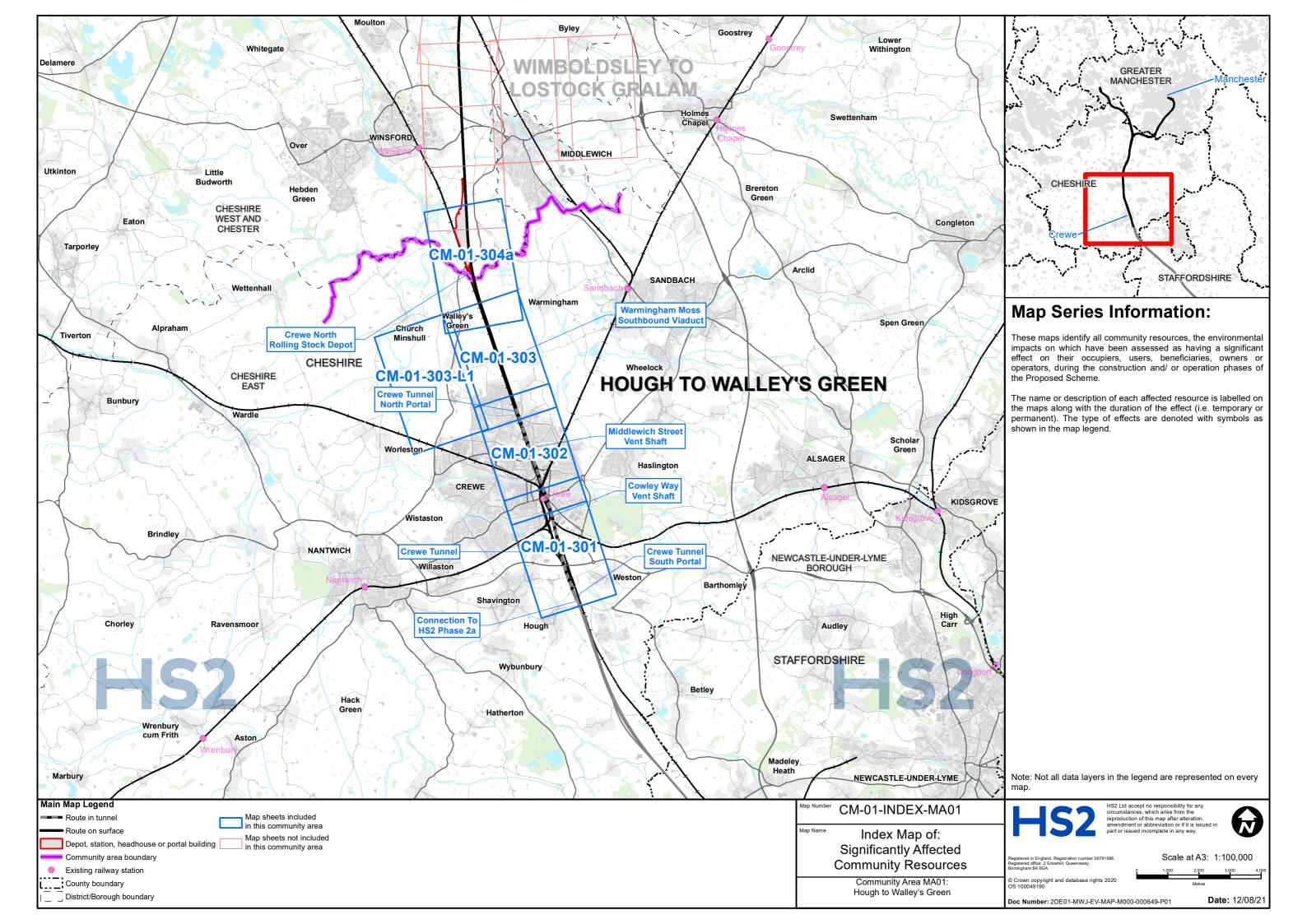
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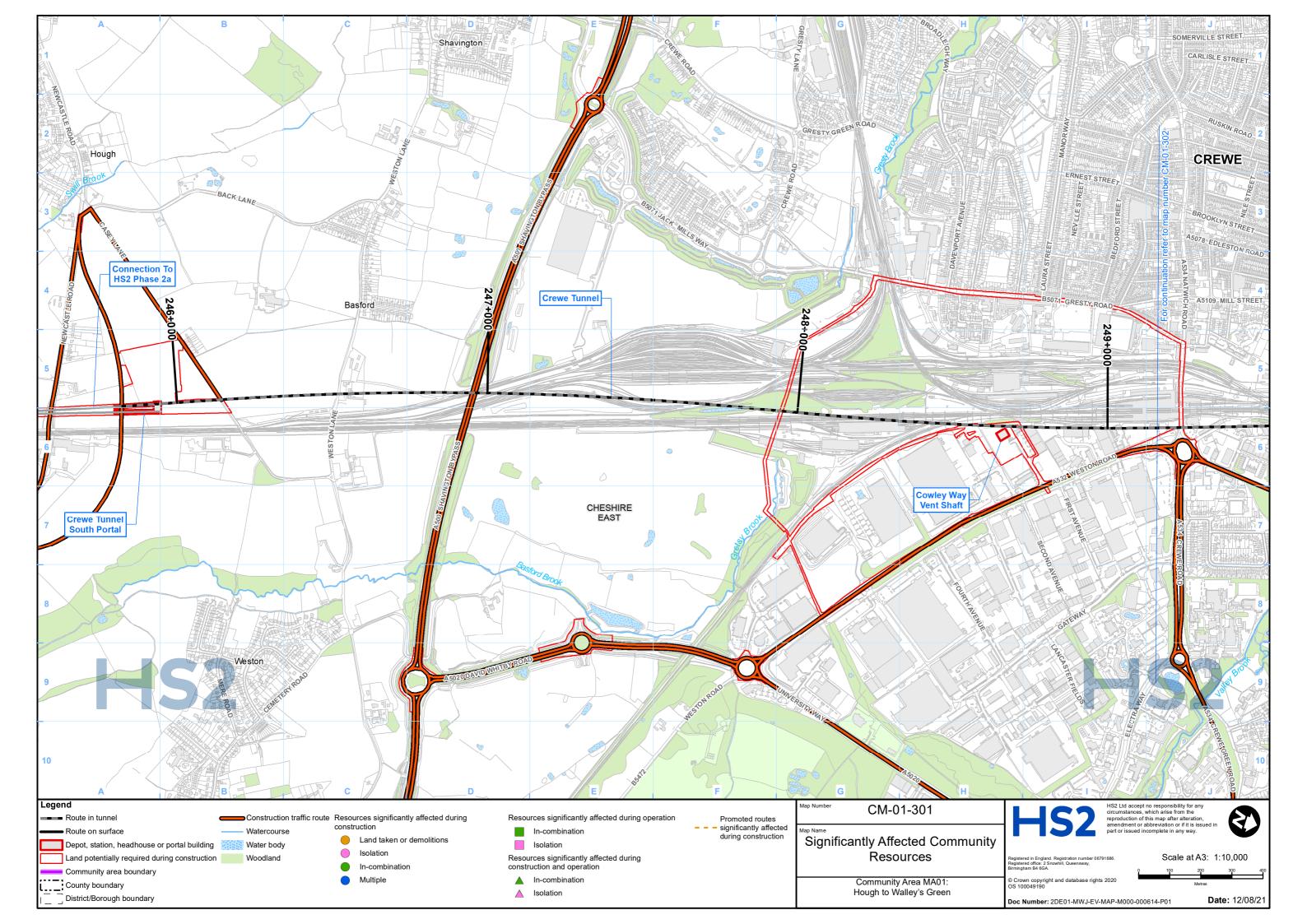
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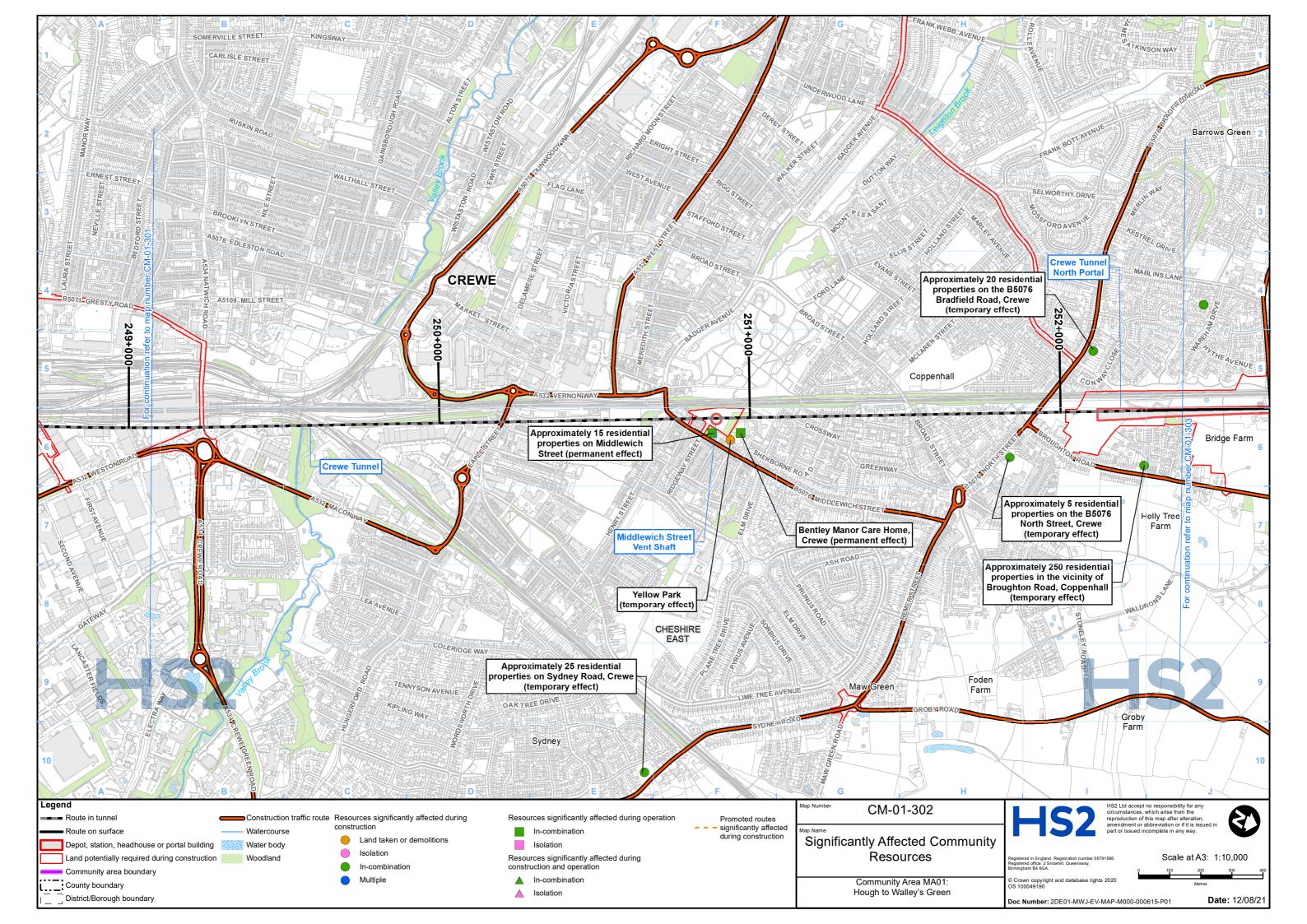


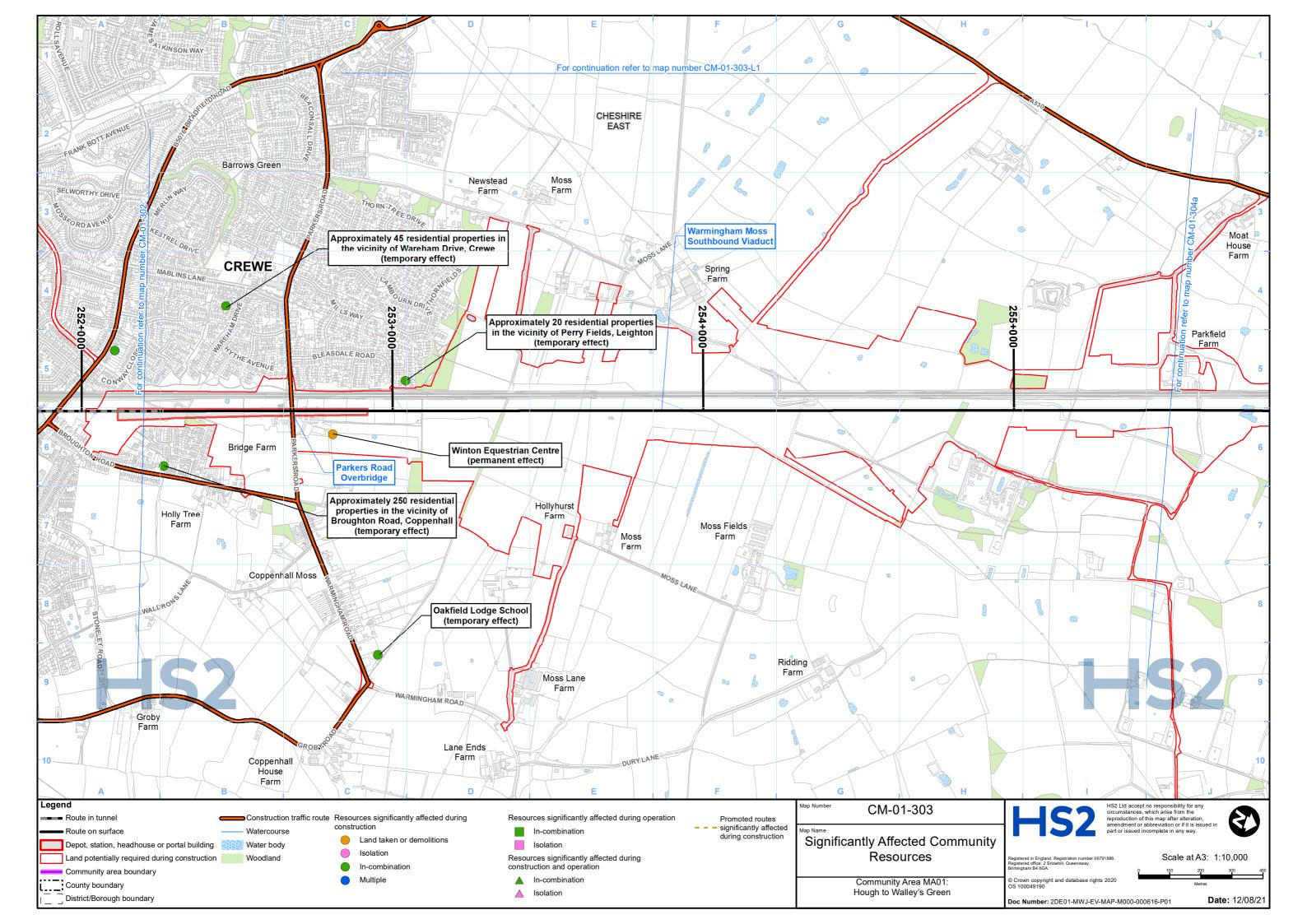
## High Speed Rail (Crewe - Manchester) Environmental Statement

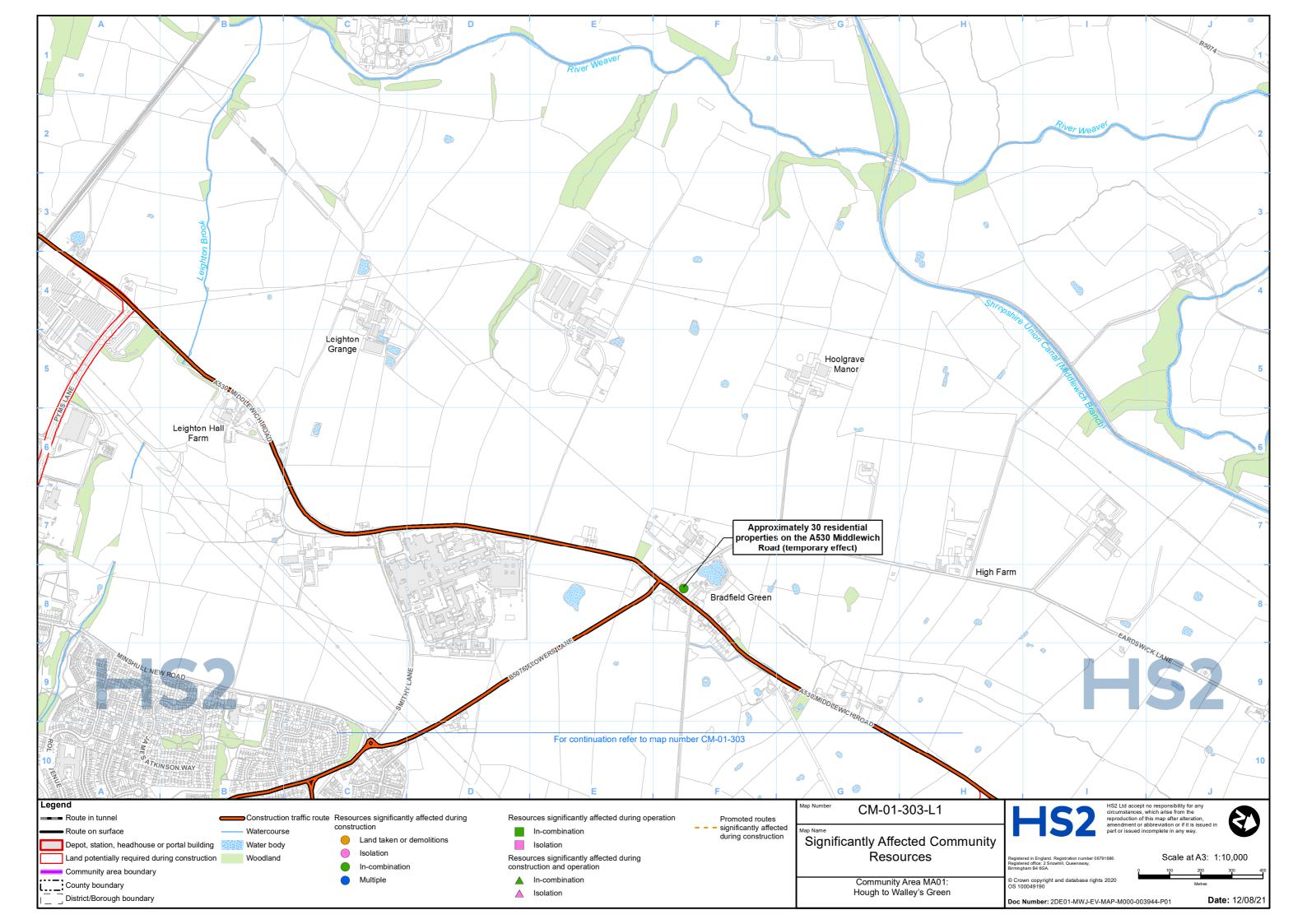
MA01: Hough to Walley's Green CM-01 - Significantly Affected Community Resources

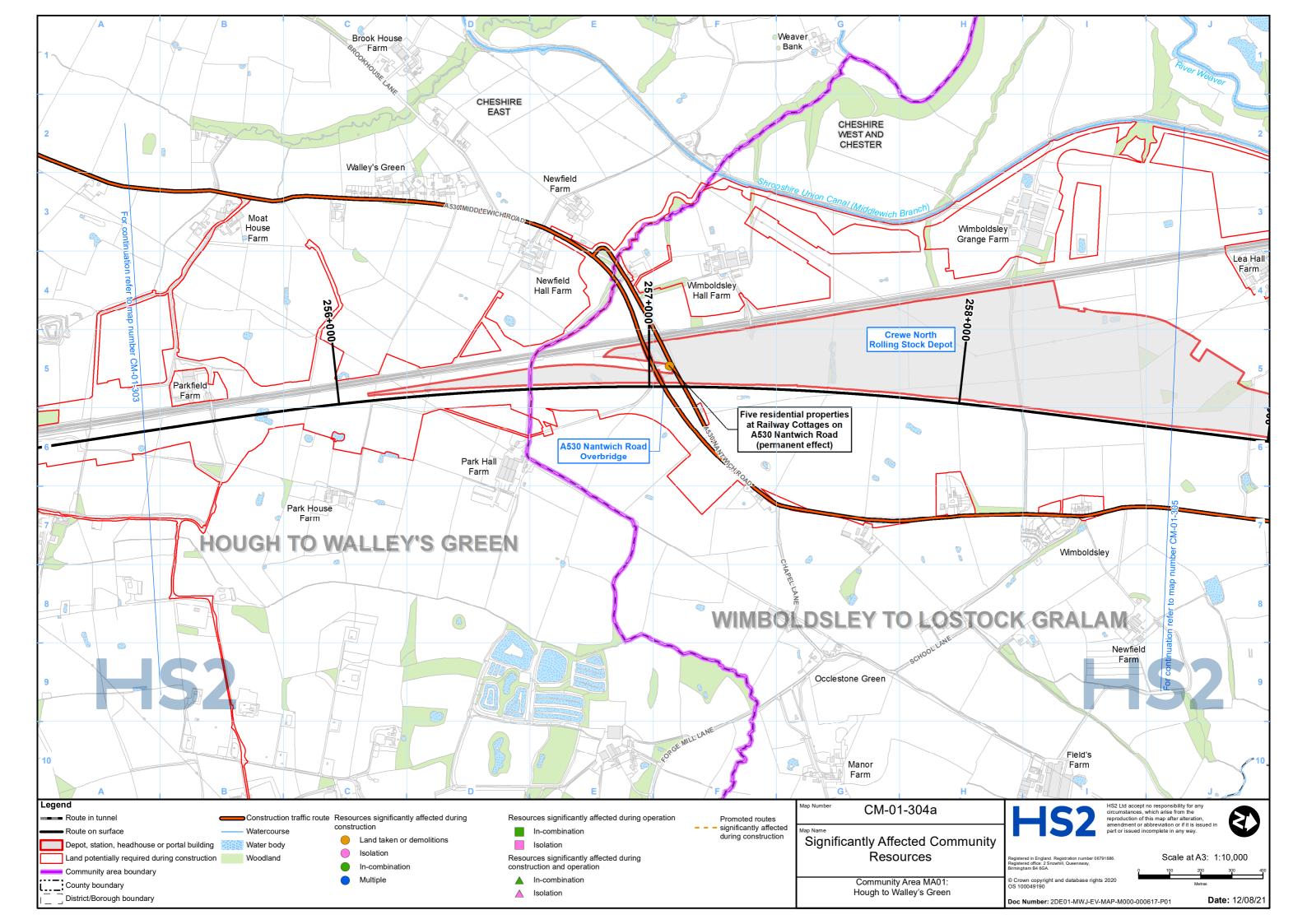












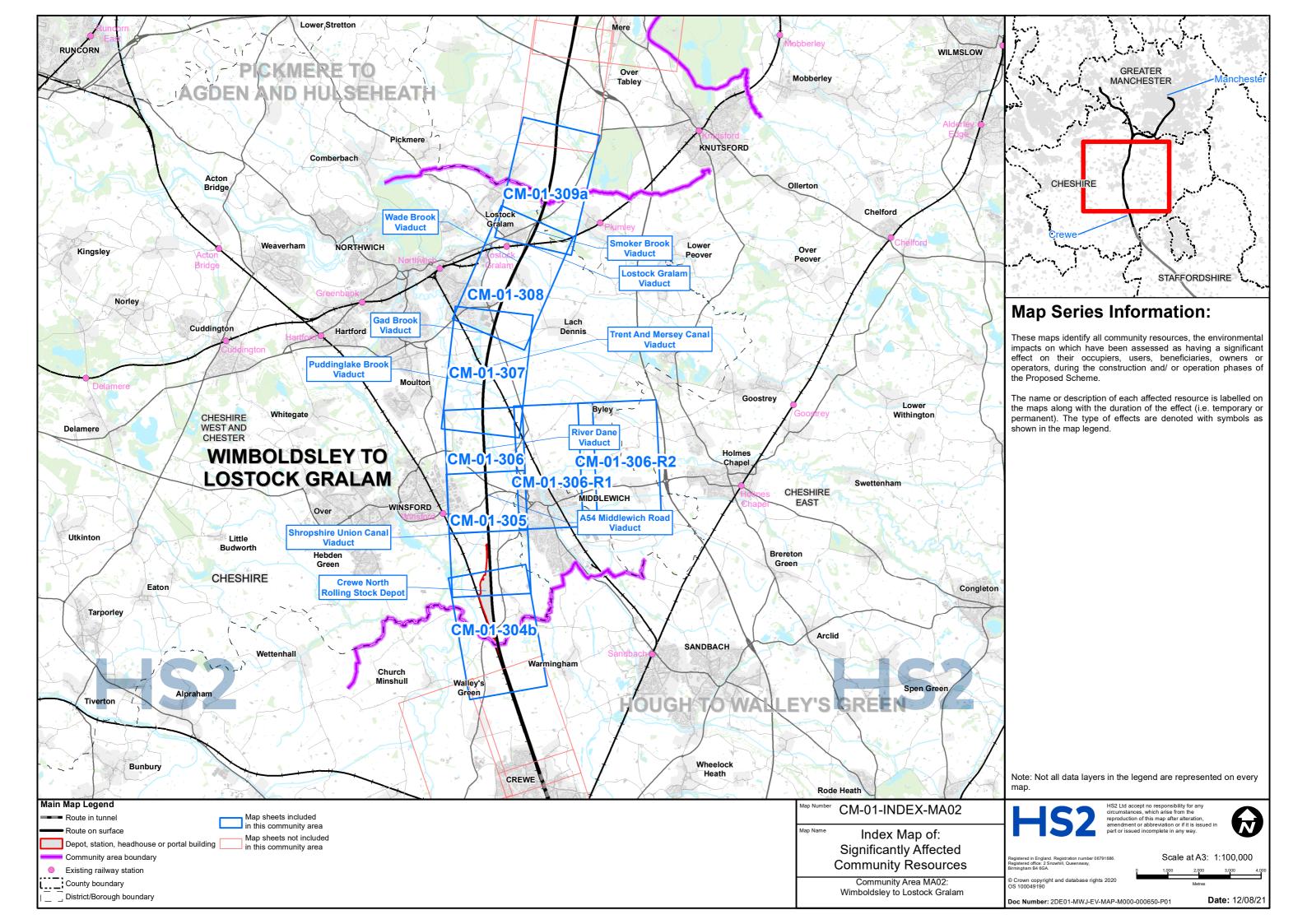
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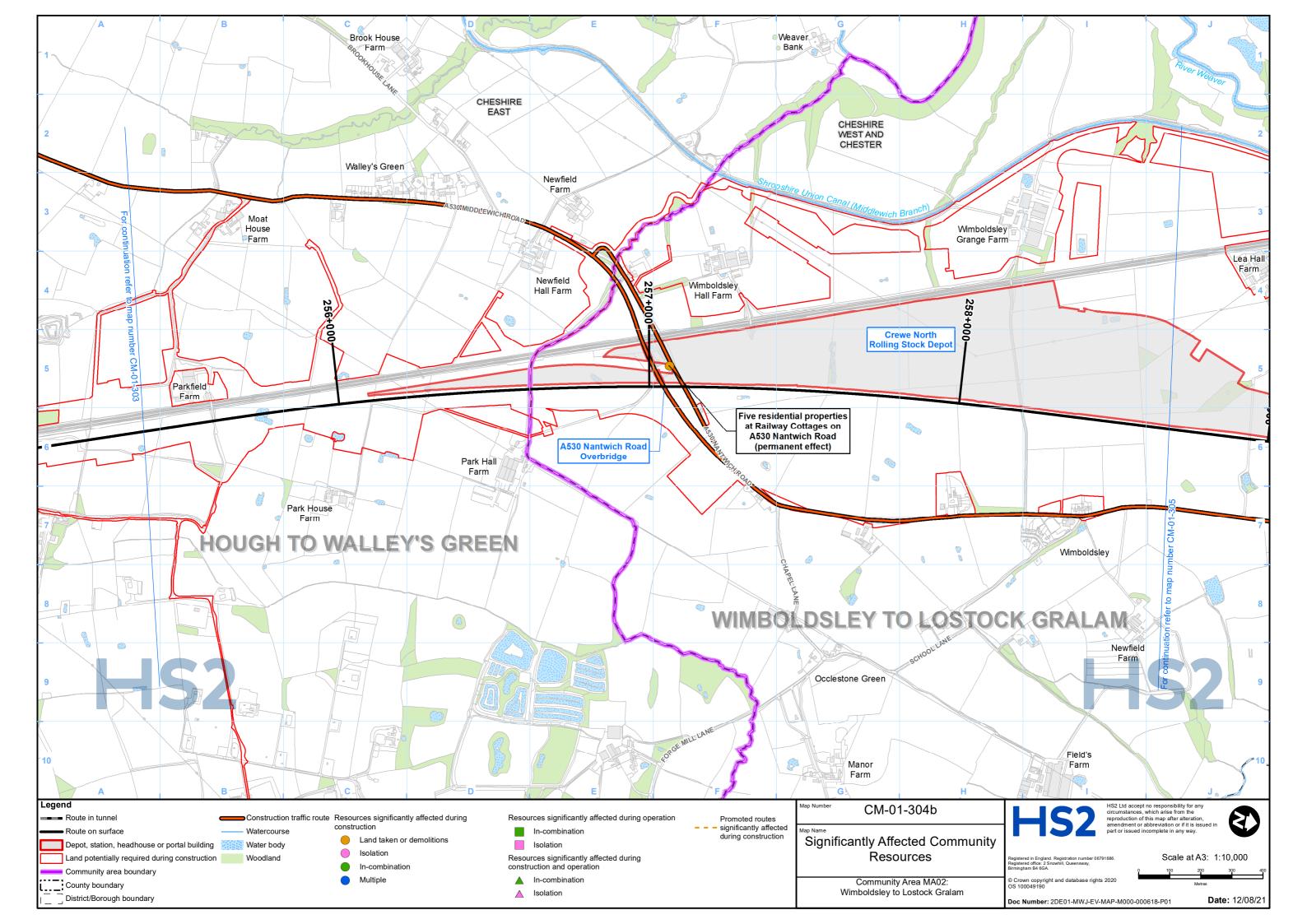
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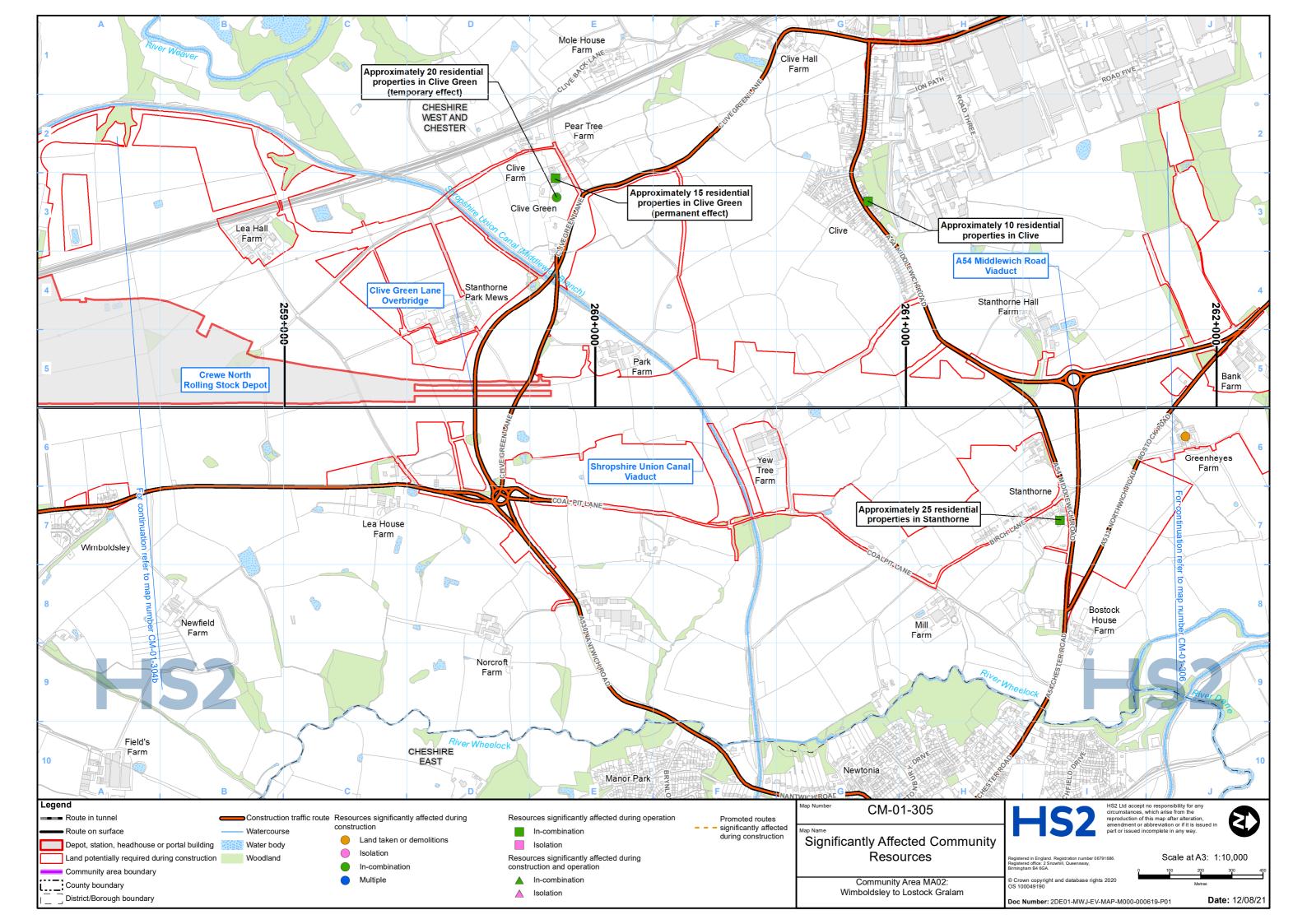


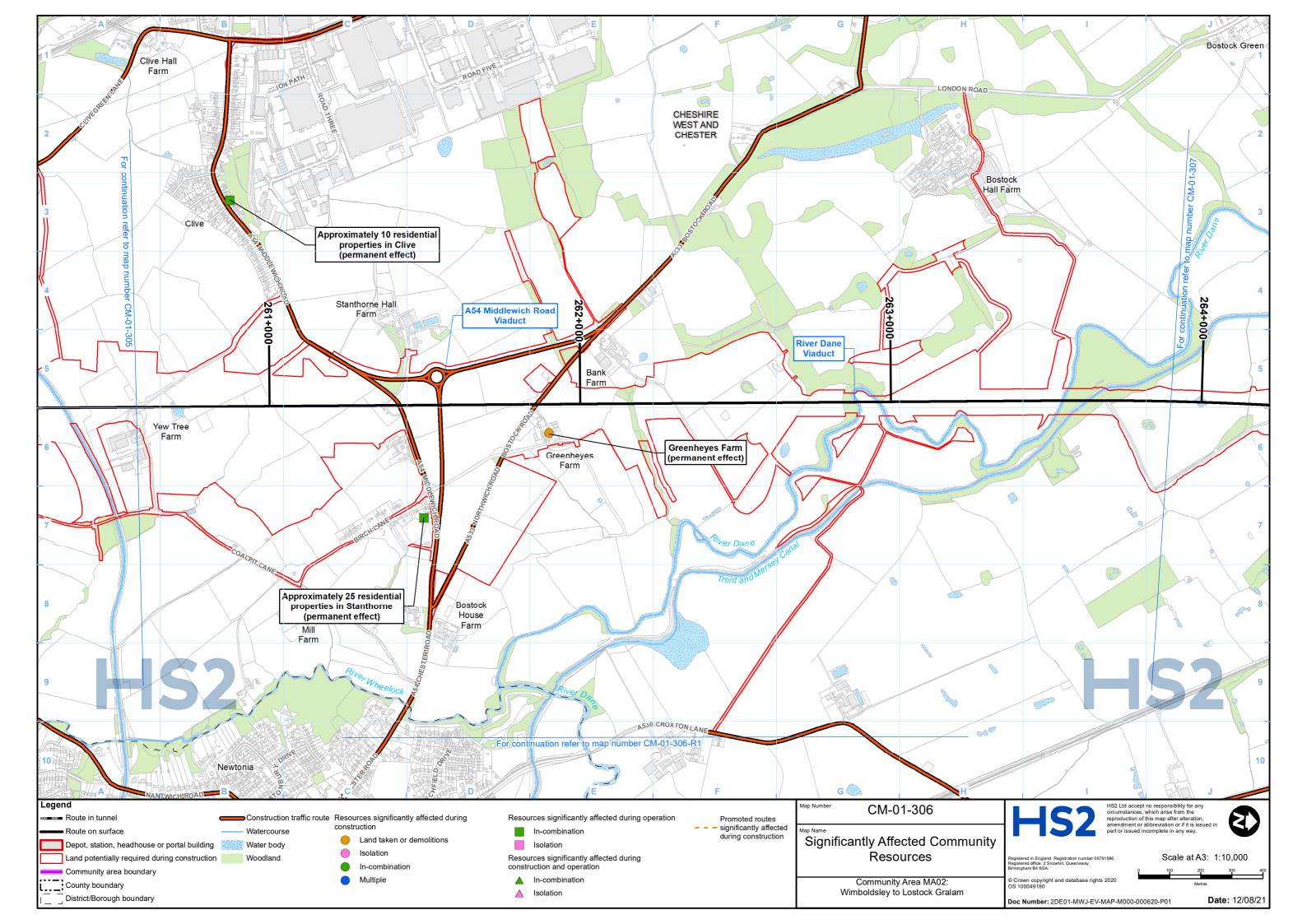
## High Speed Rail (Crewe – Manchester) Environmental Statement

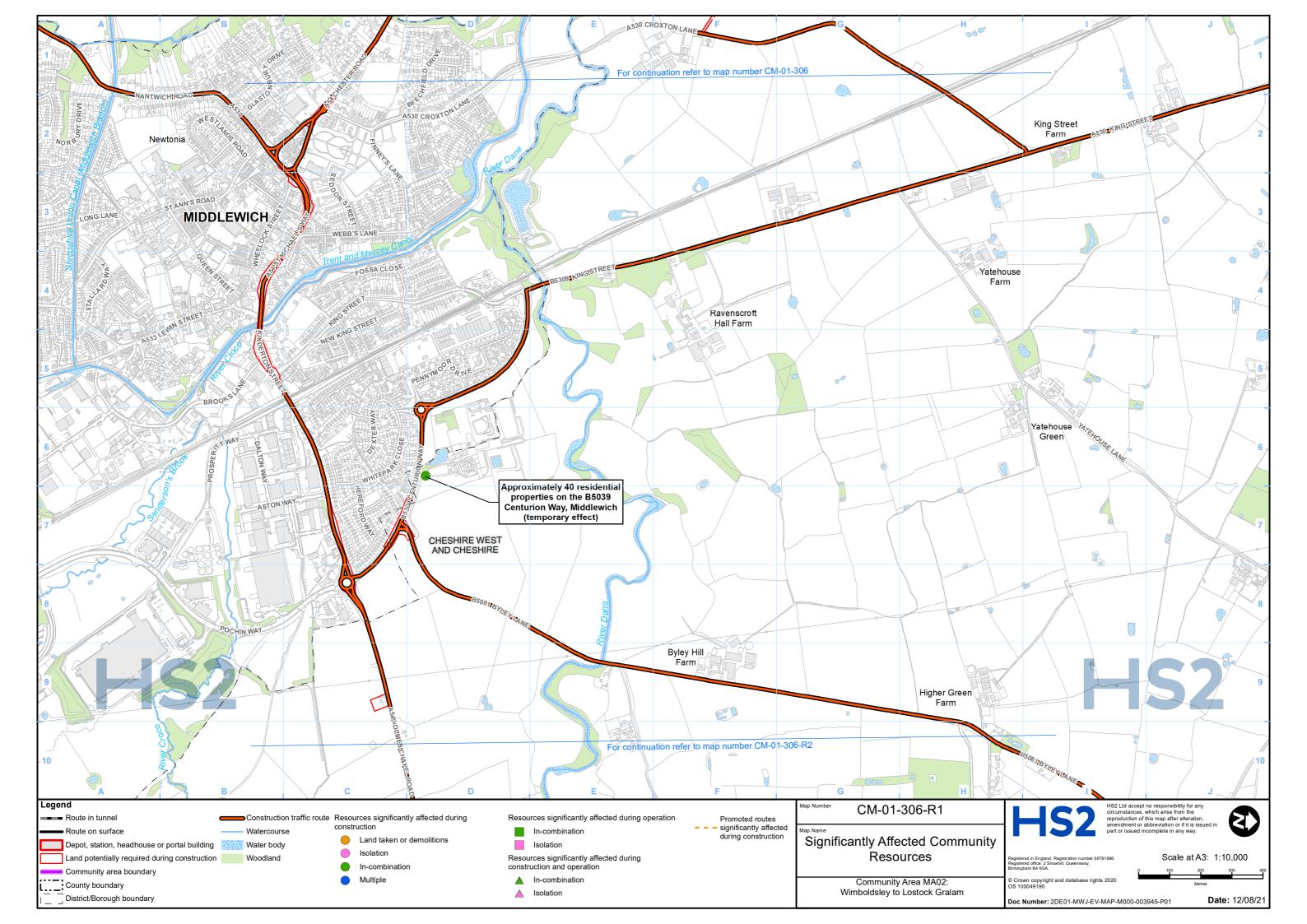
MA02: Wimboldsley to Lostock Gralam CM-01 - Significantly Affected Community Resources

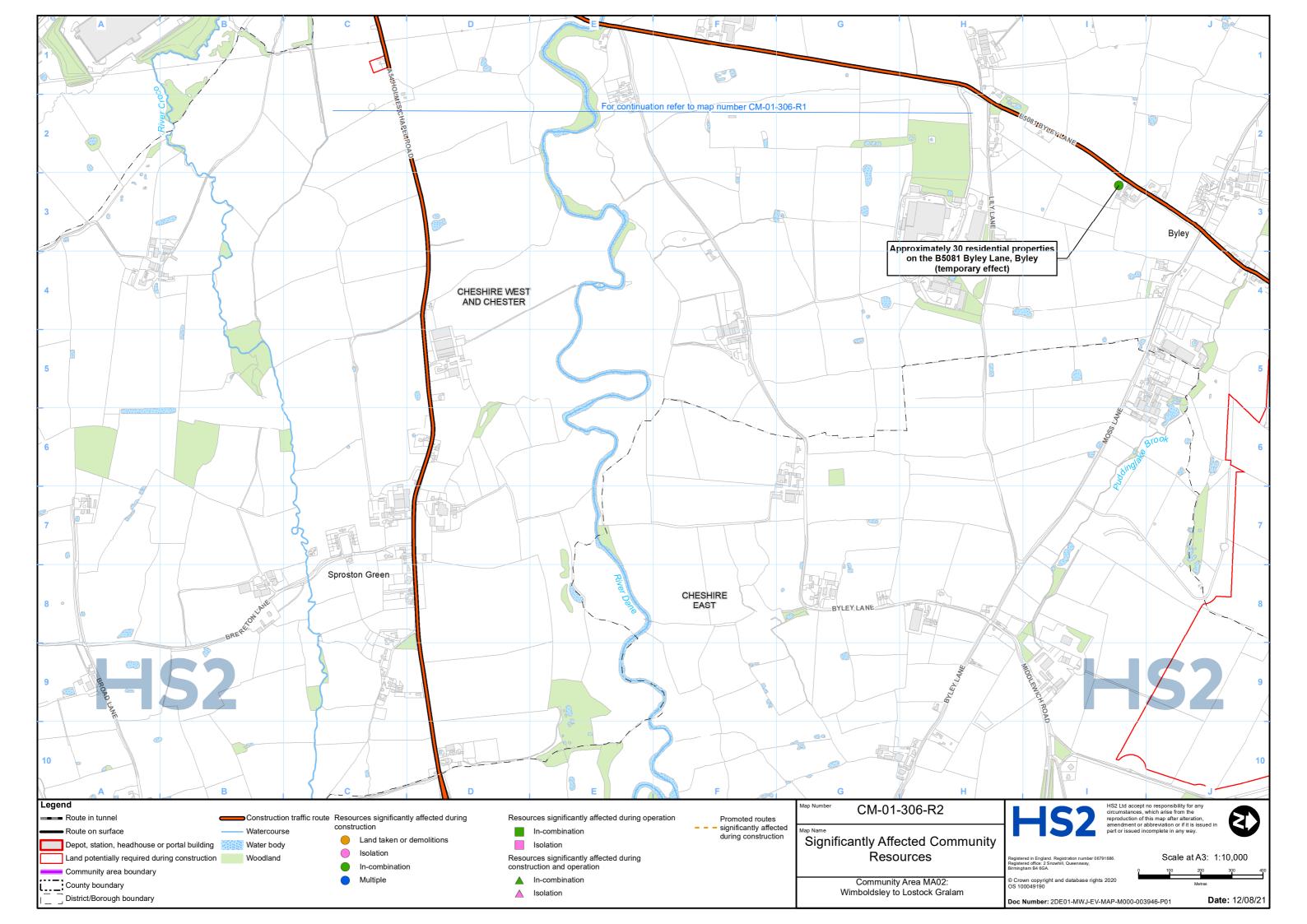


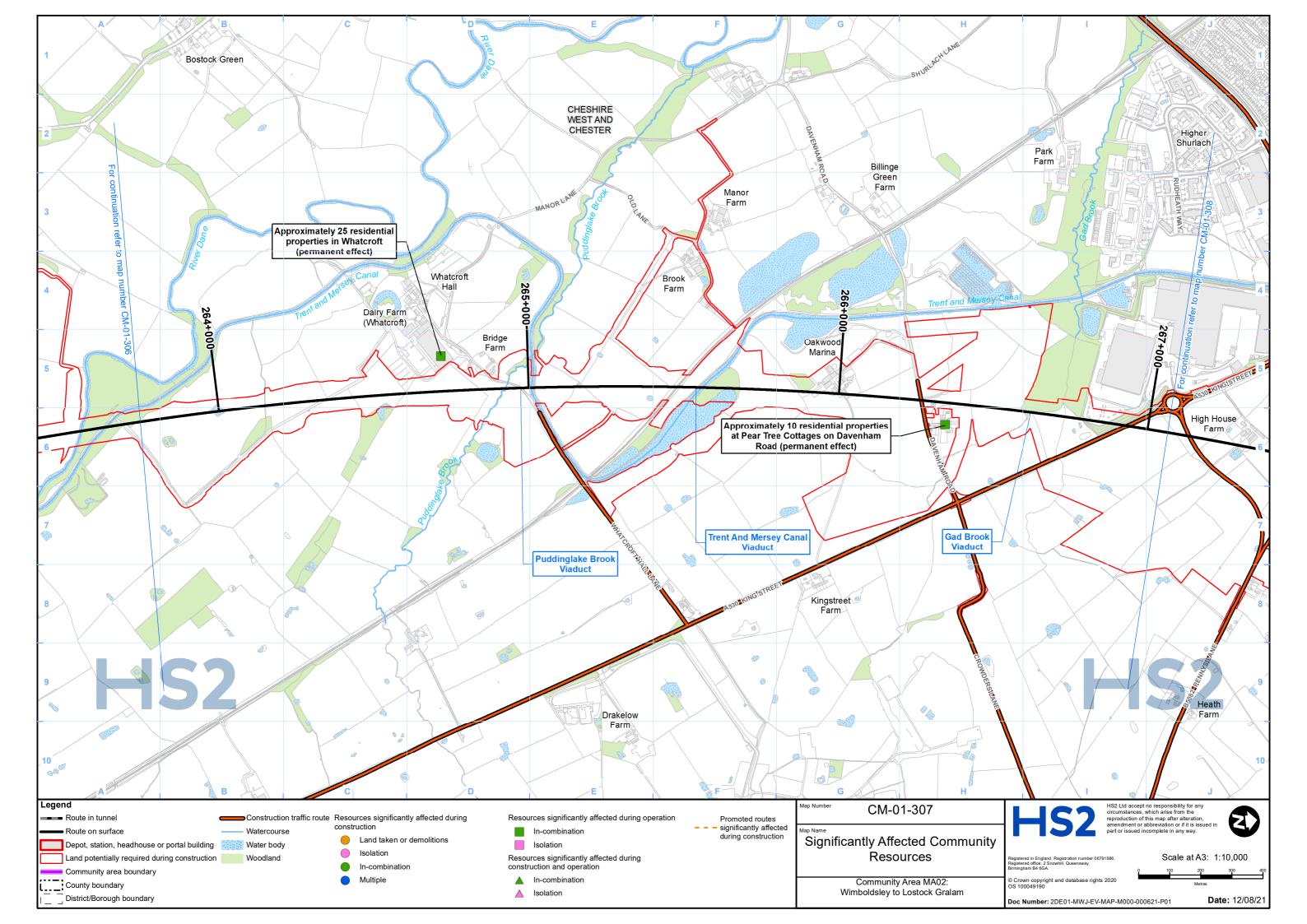


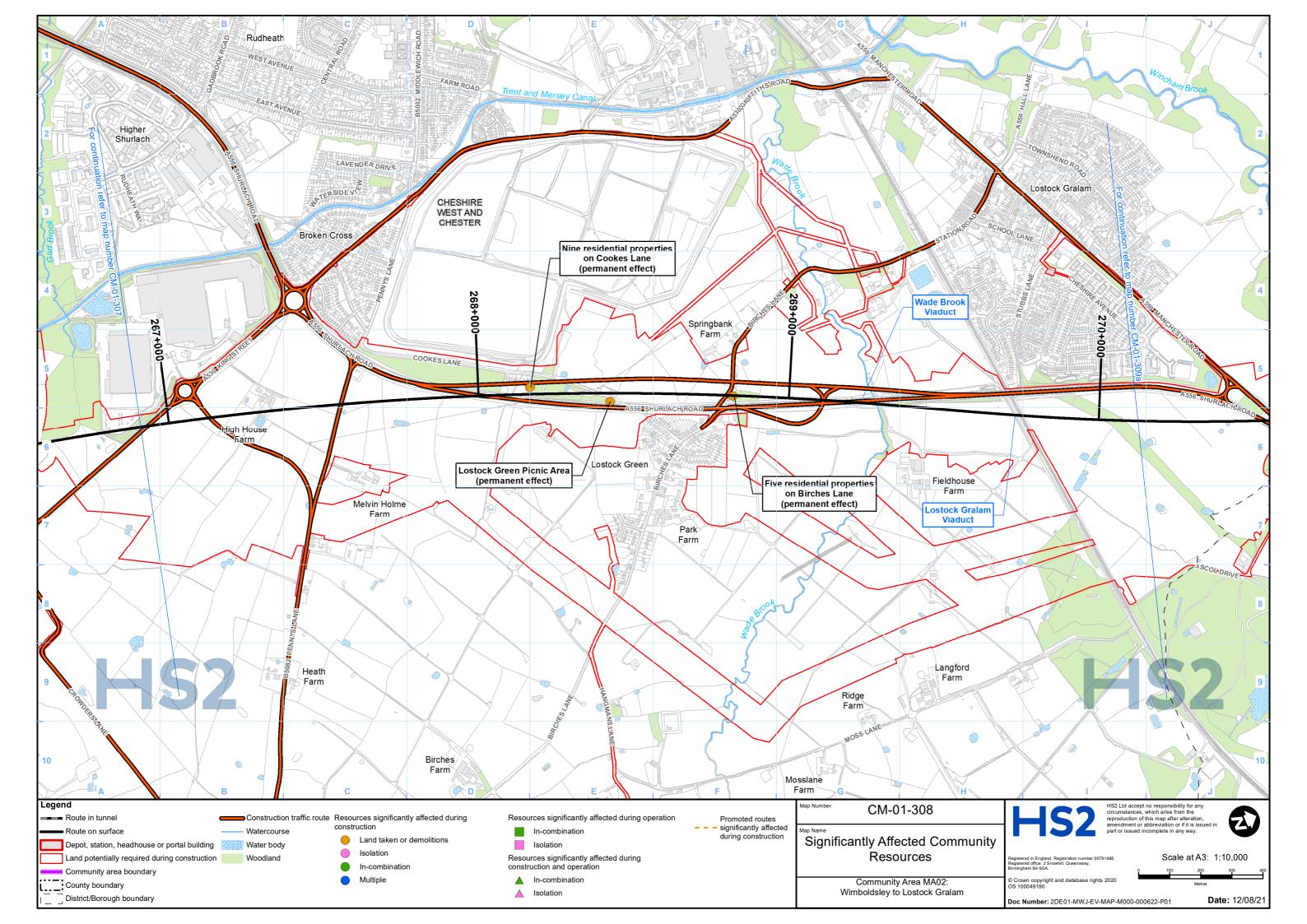


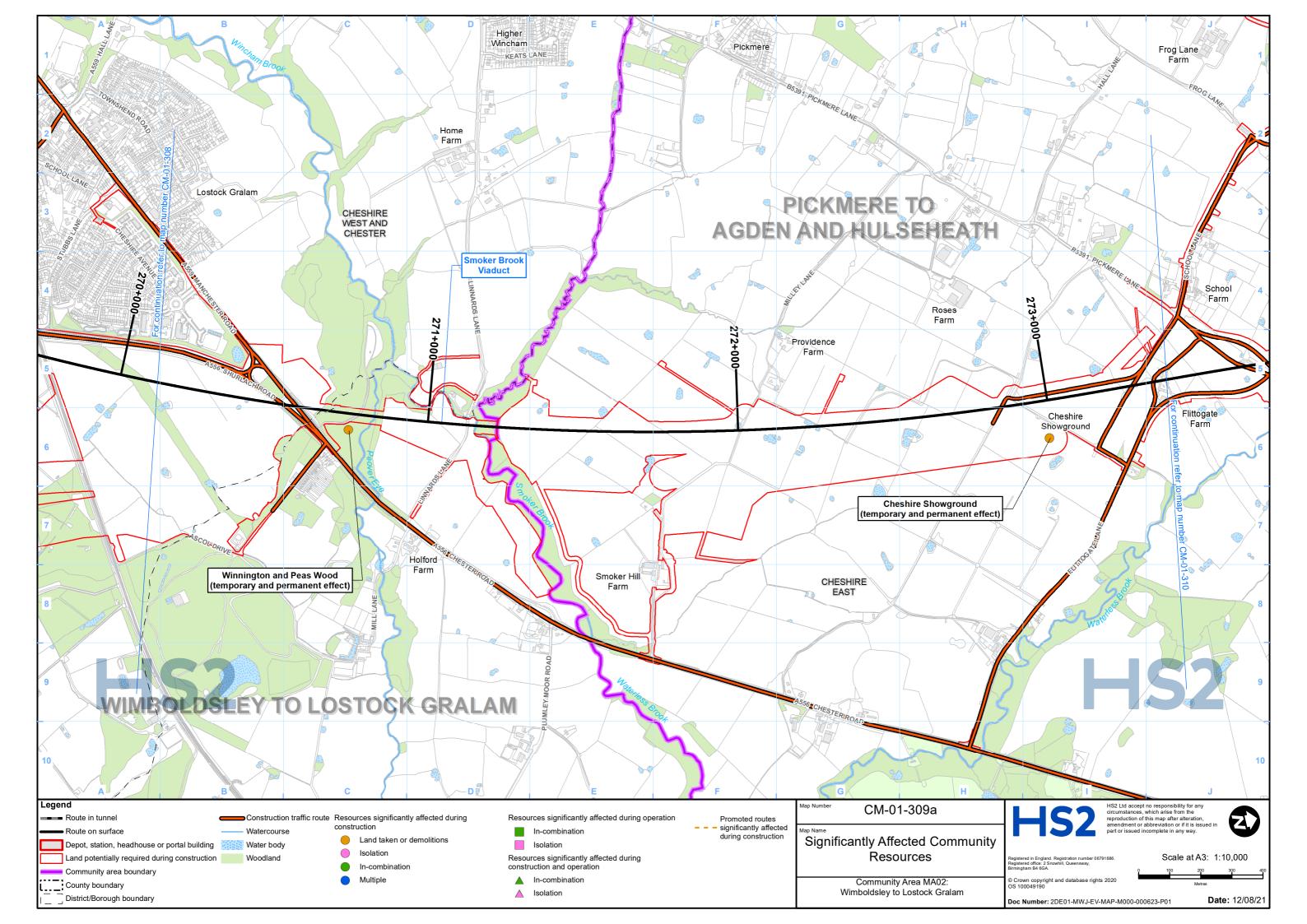








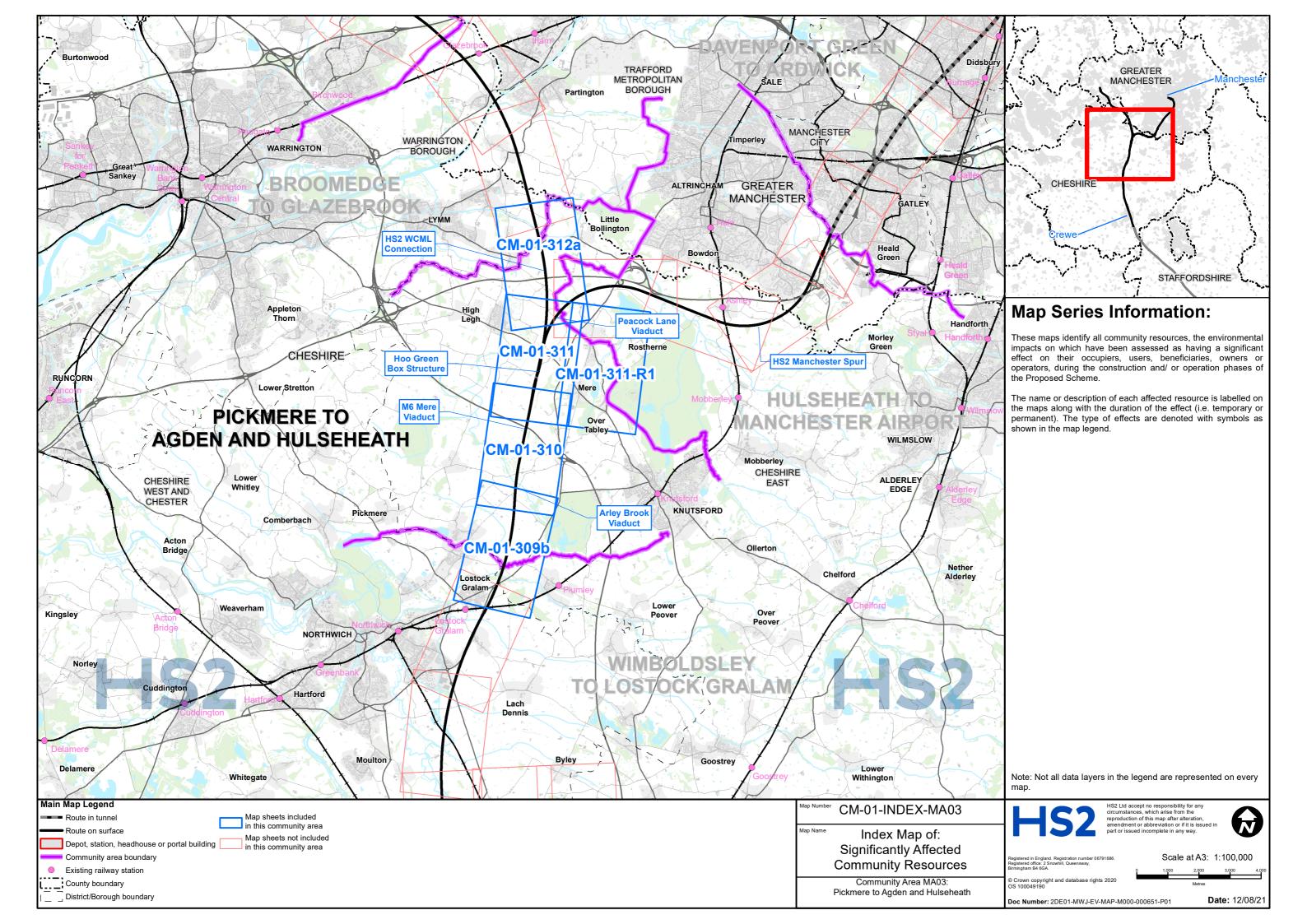


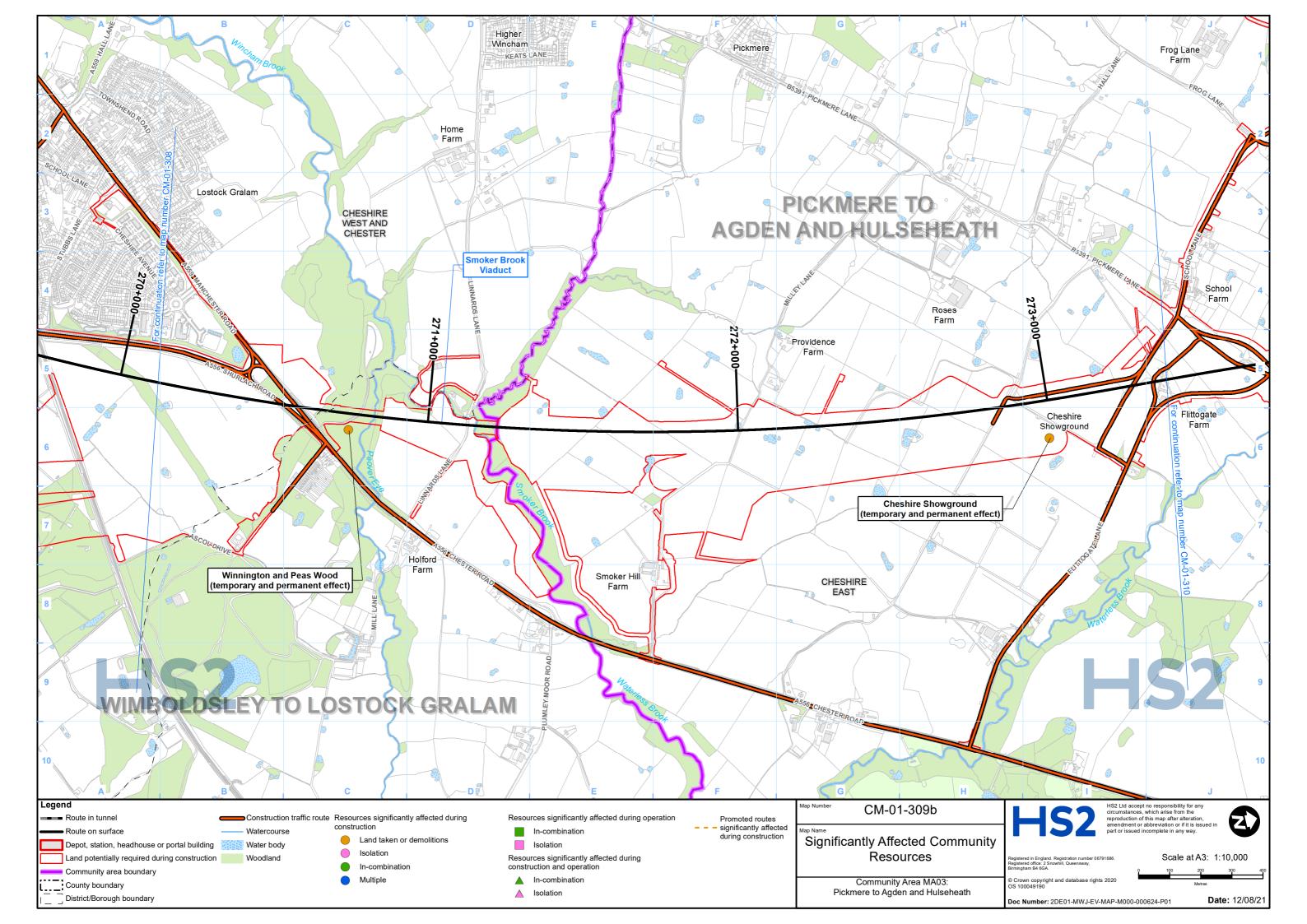


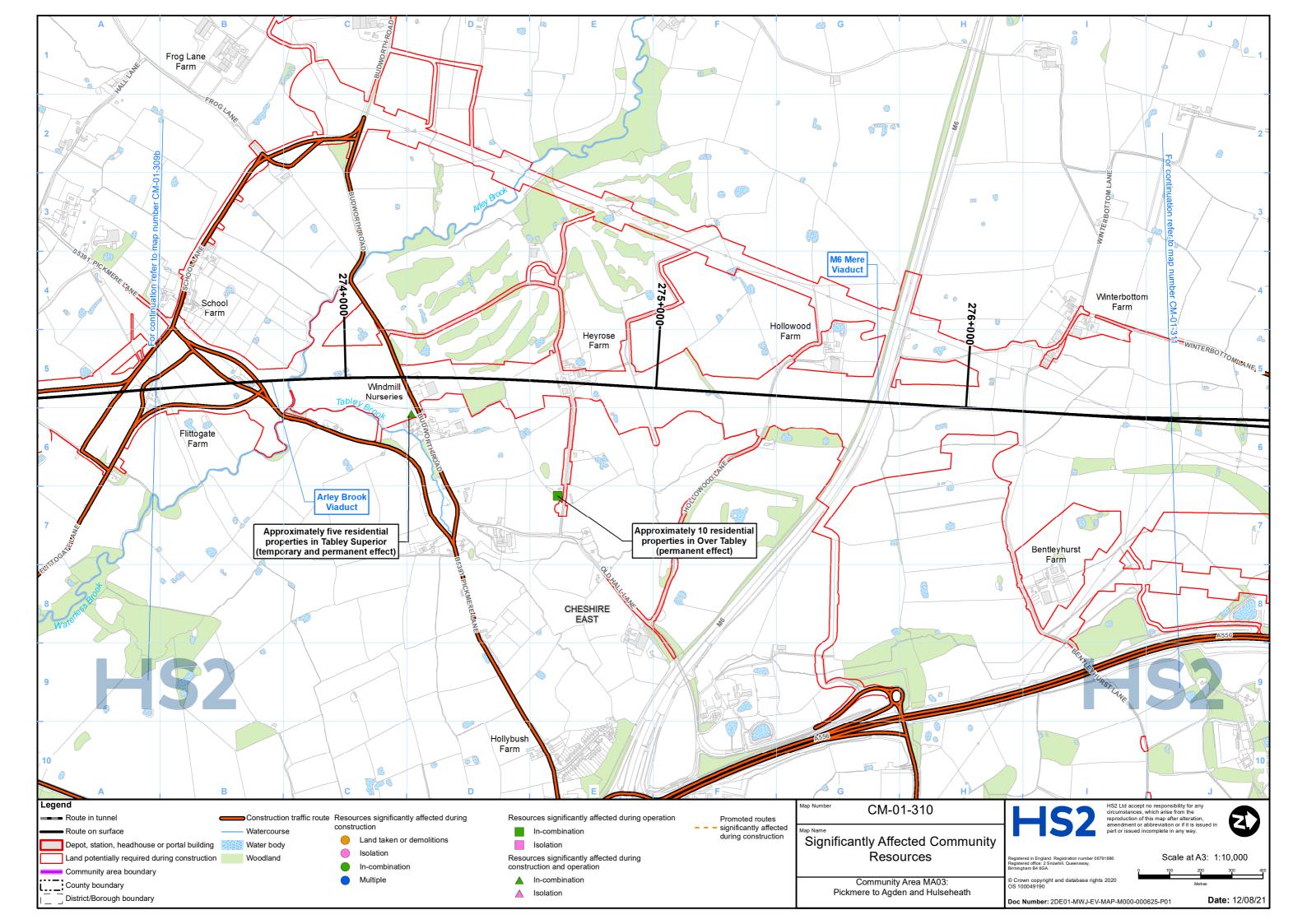


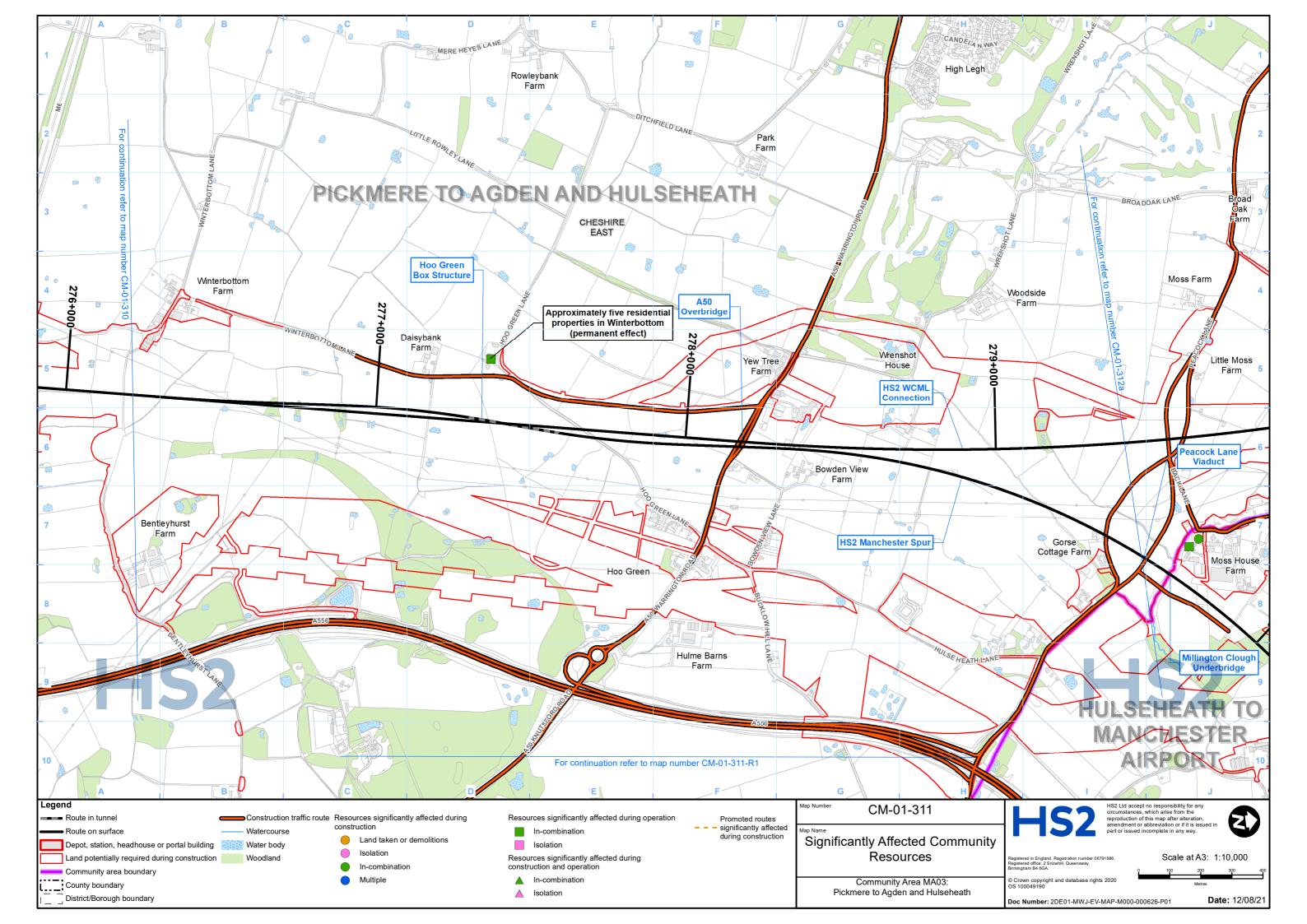
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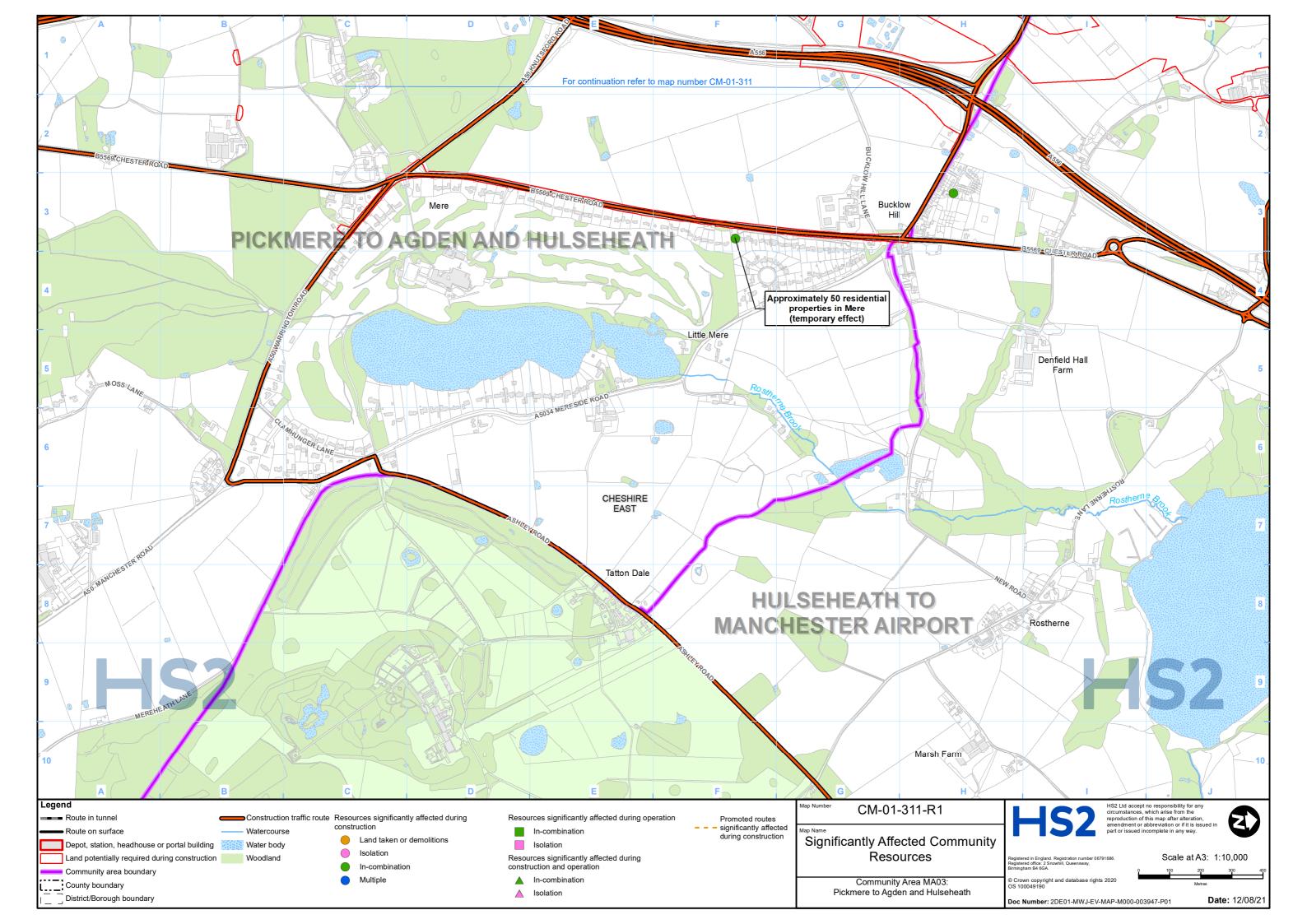
MA03: Pickmere to Agden and Hulseheath CM-01 - Significantly Affected Community Resources

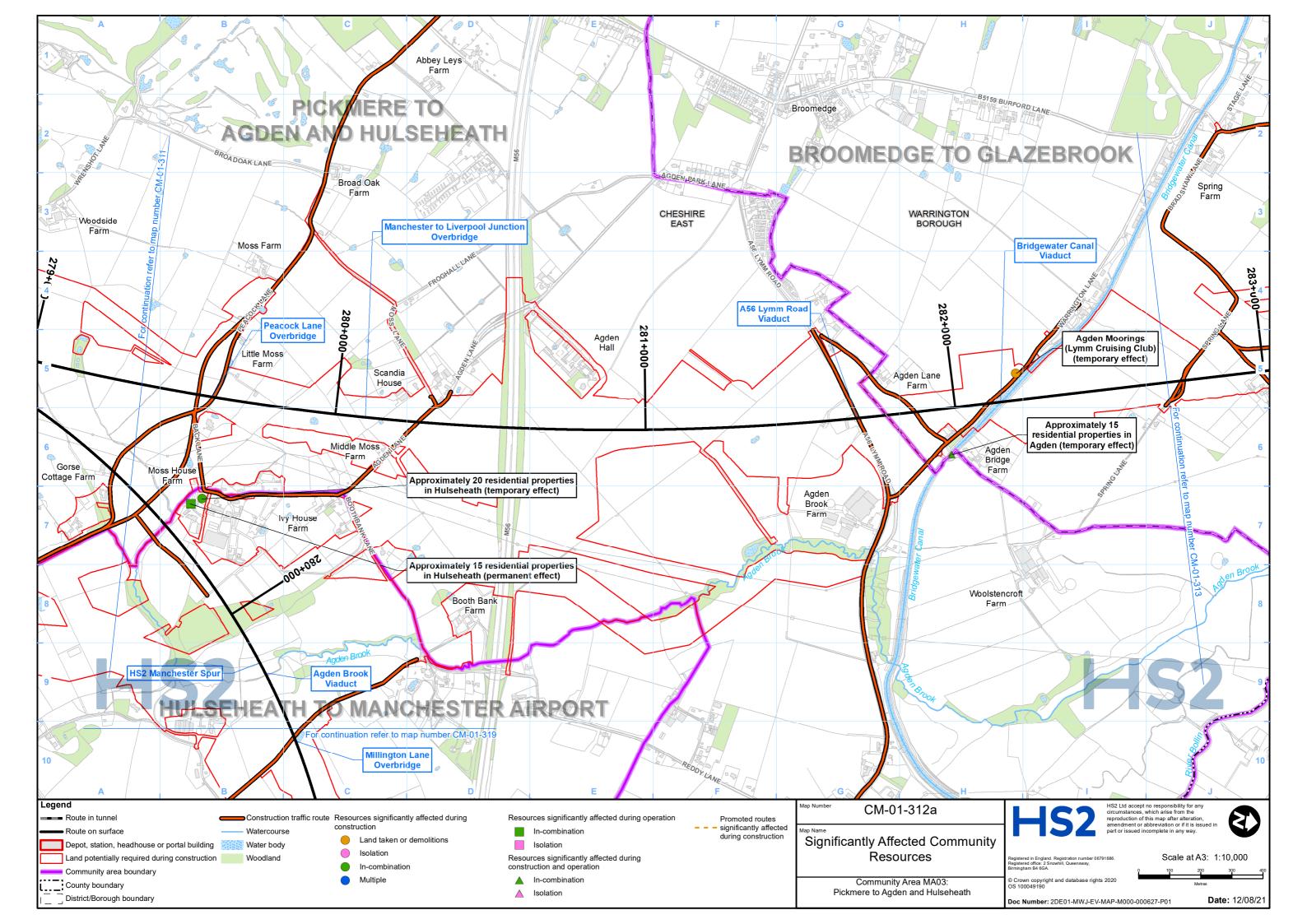








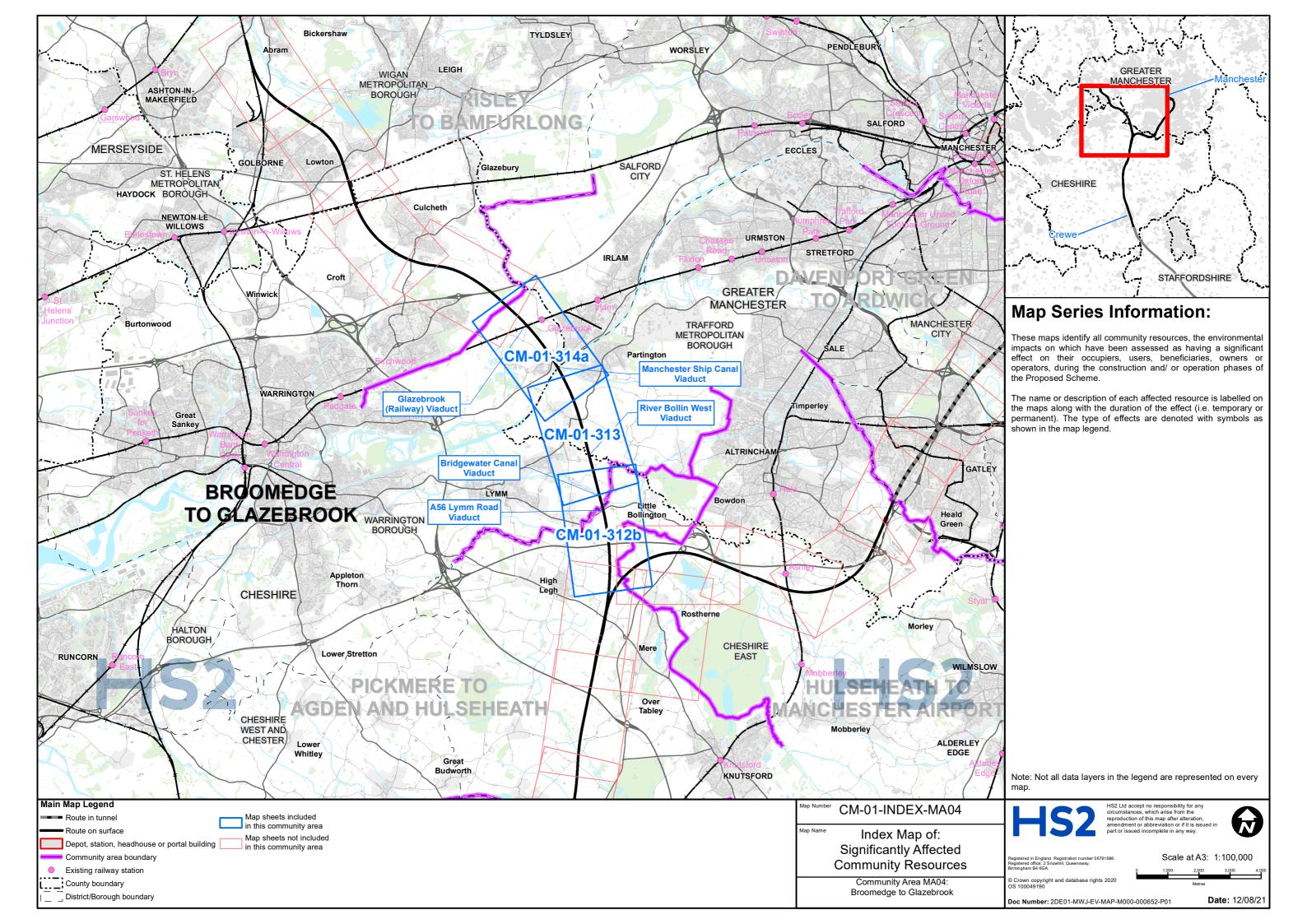


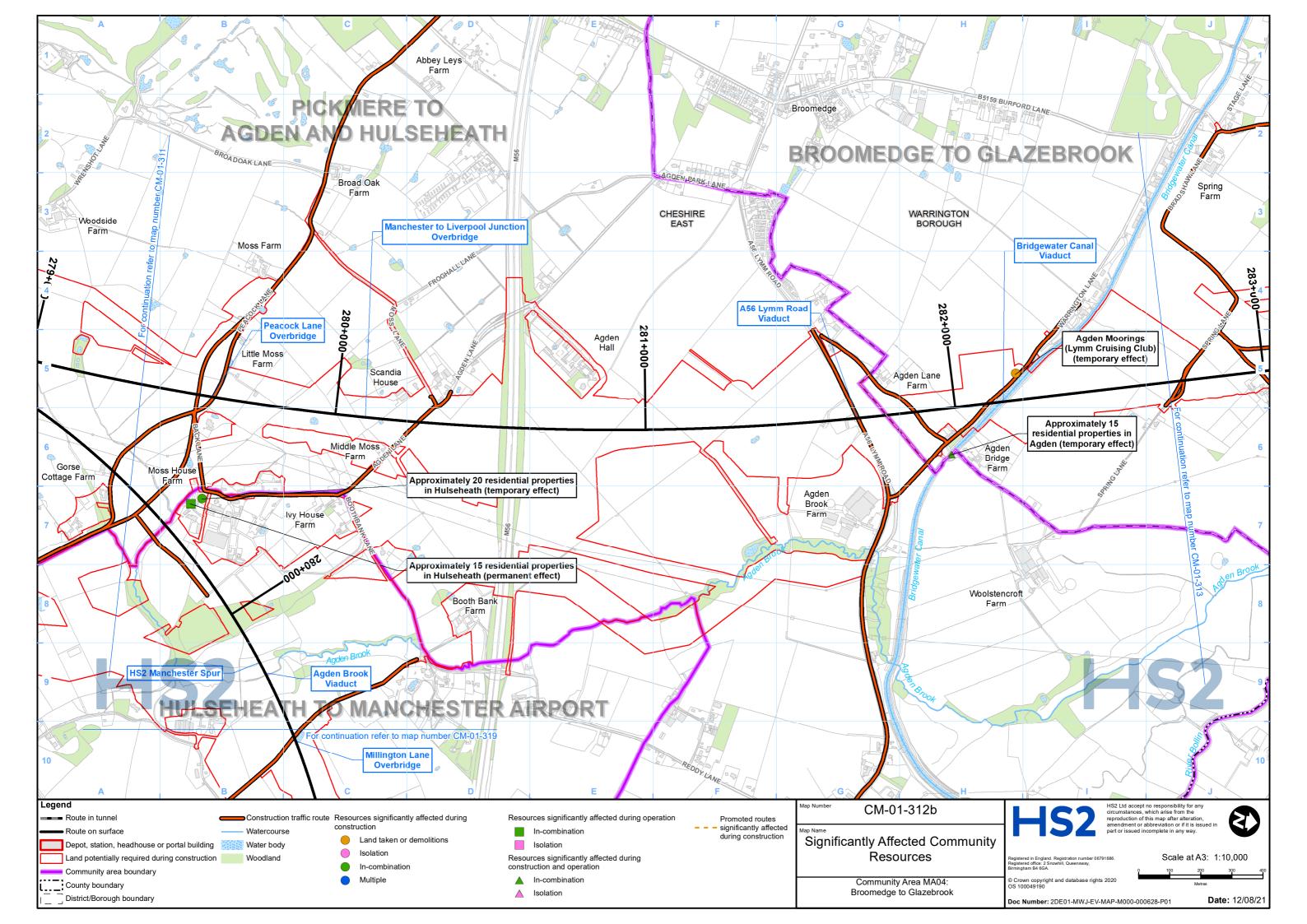


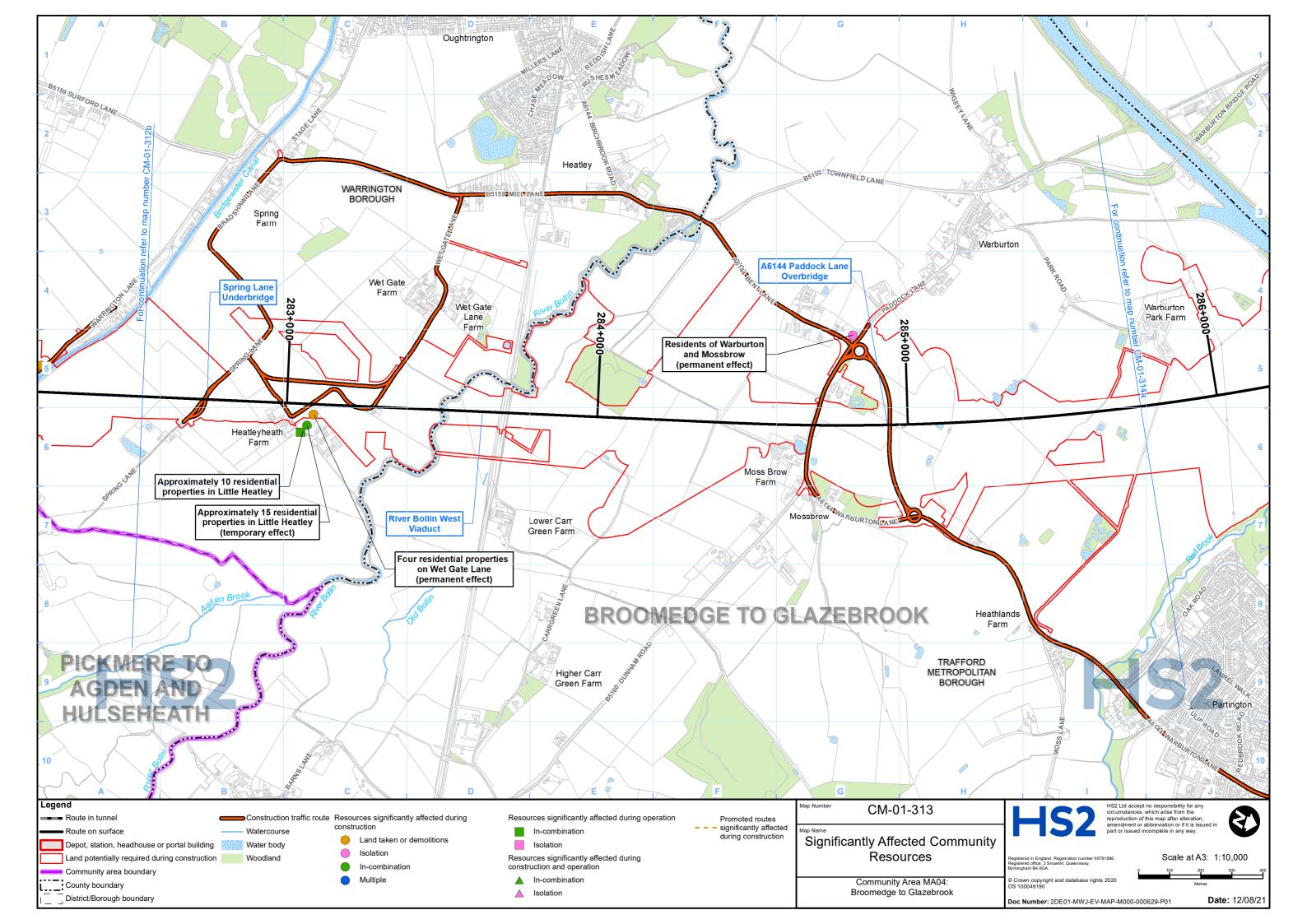


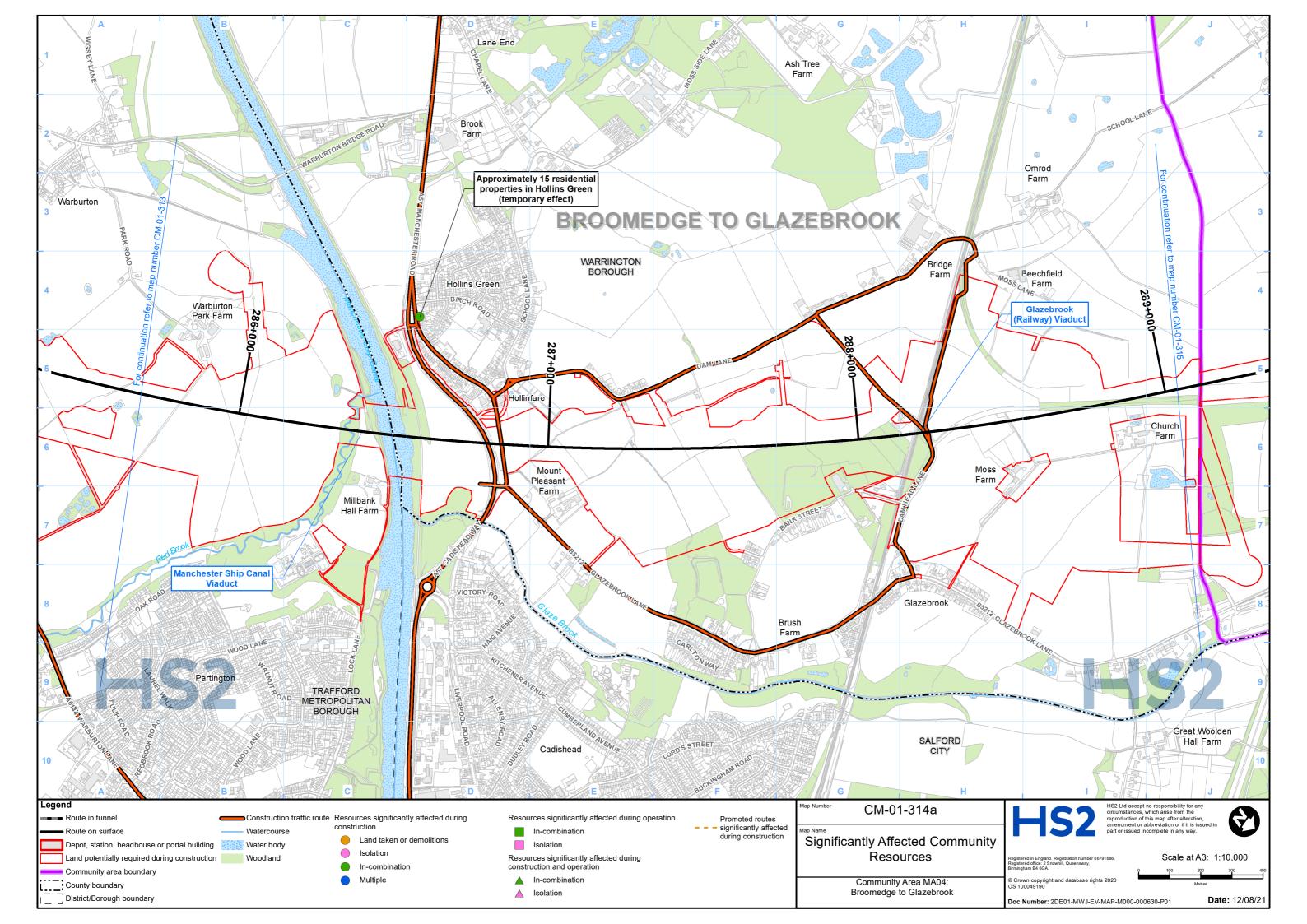
MA04: Broomedge to Glazebrook

CM-01 - Significantly Affected Community Resources



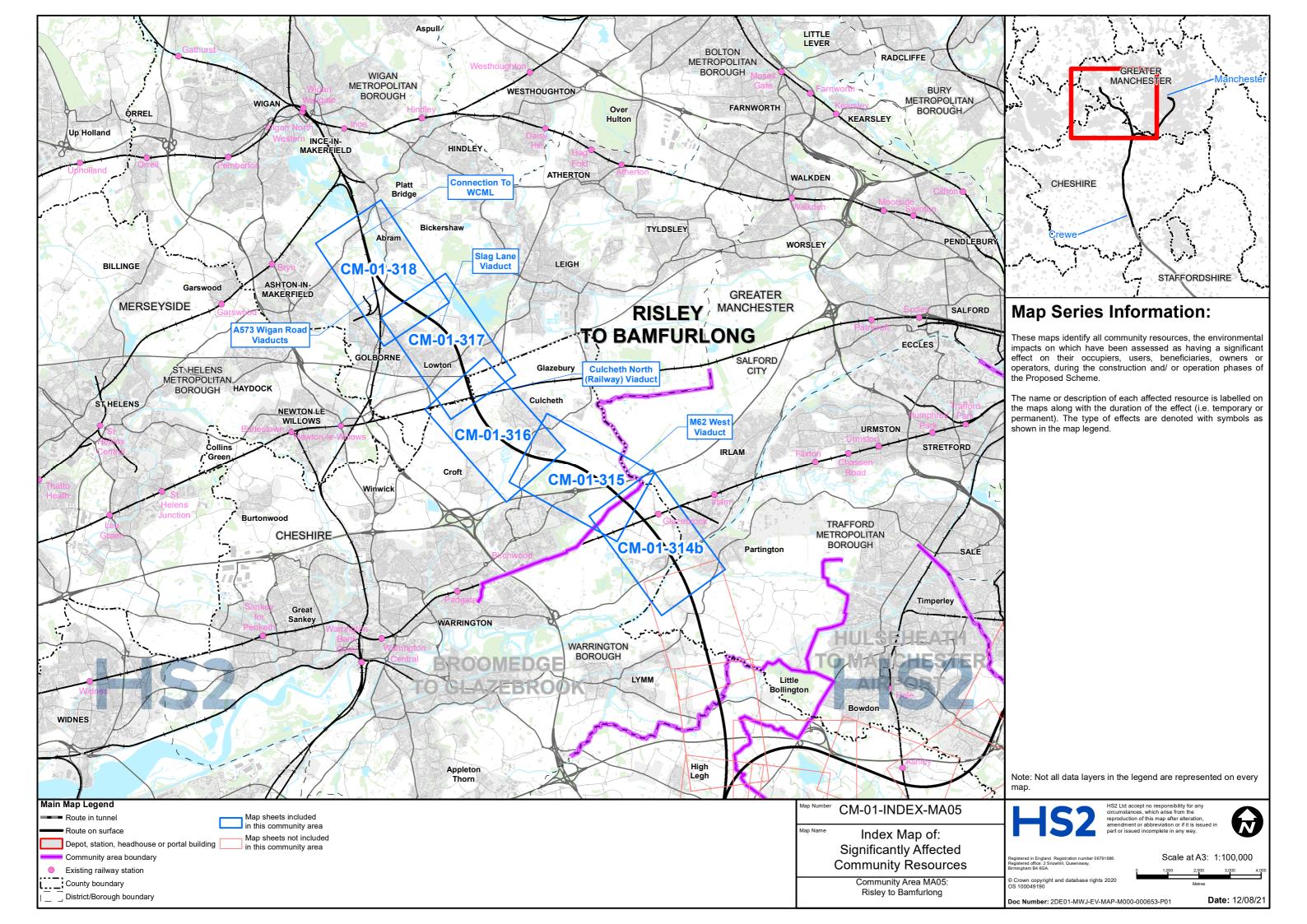


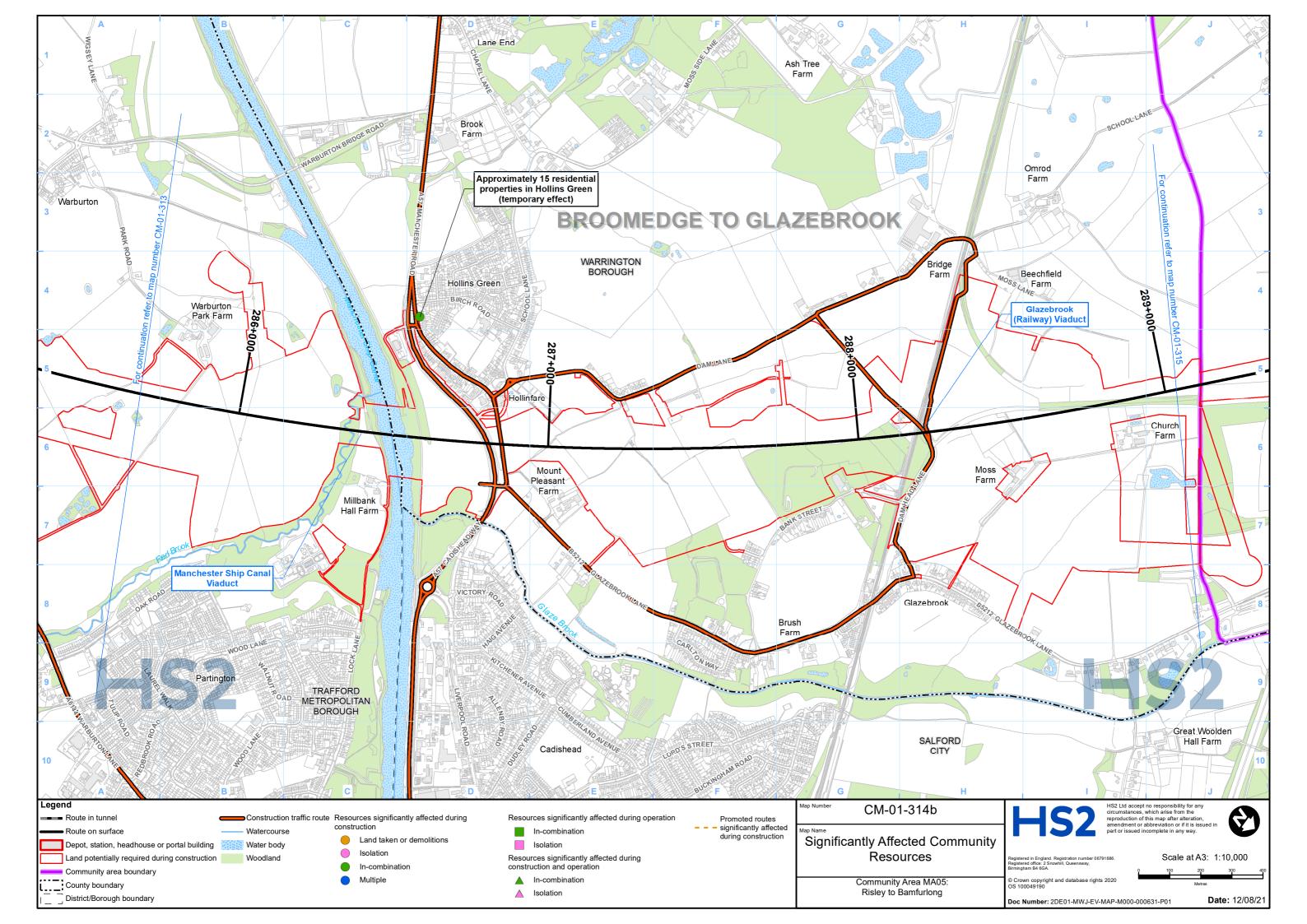


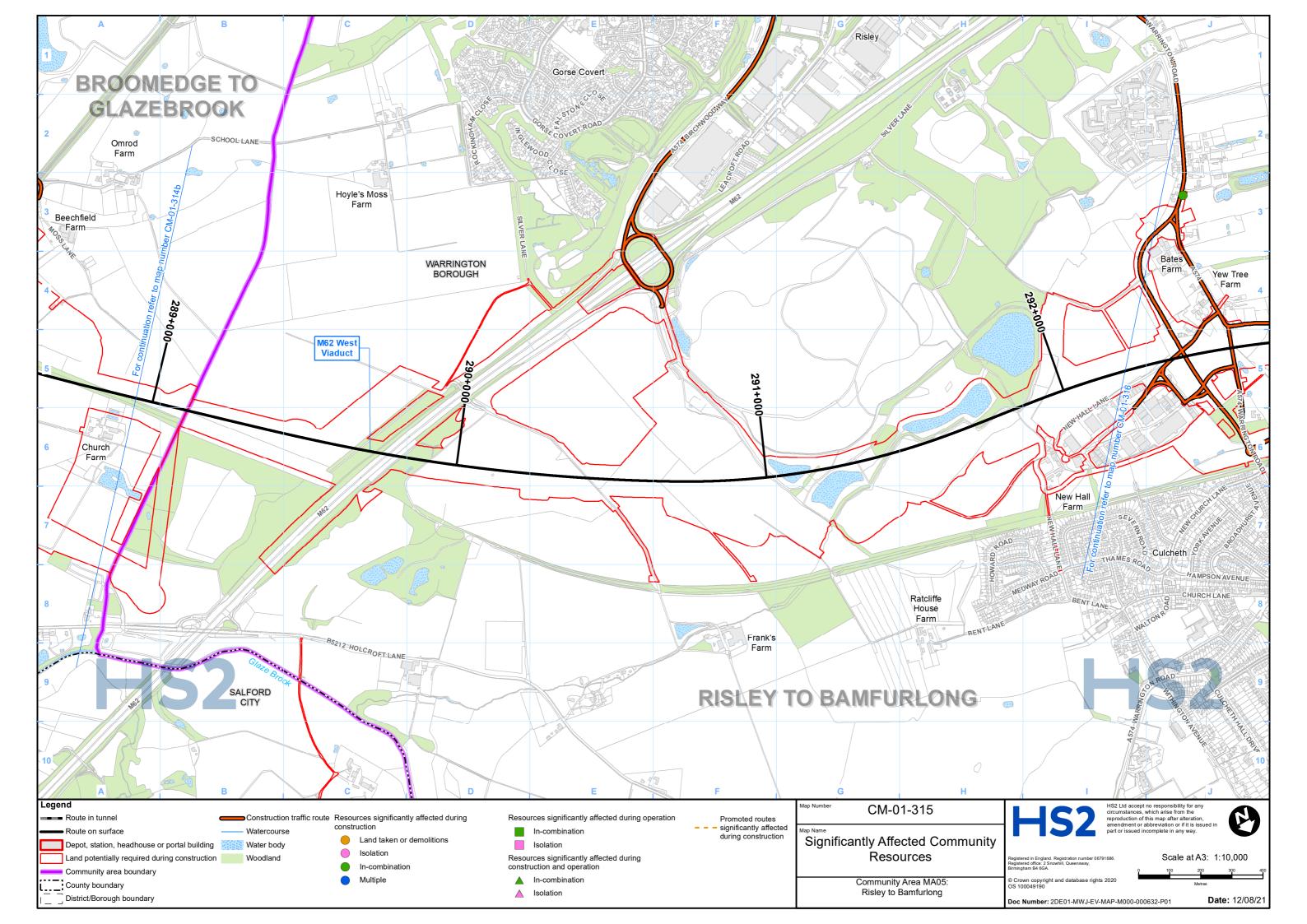


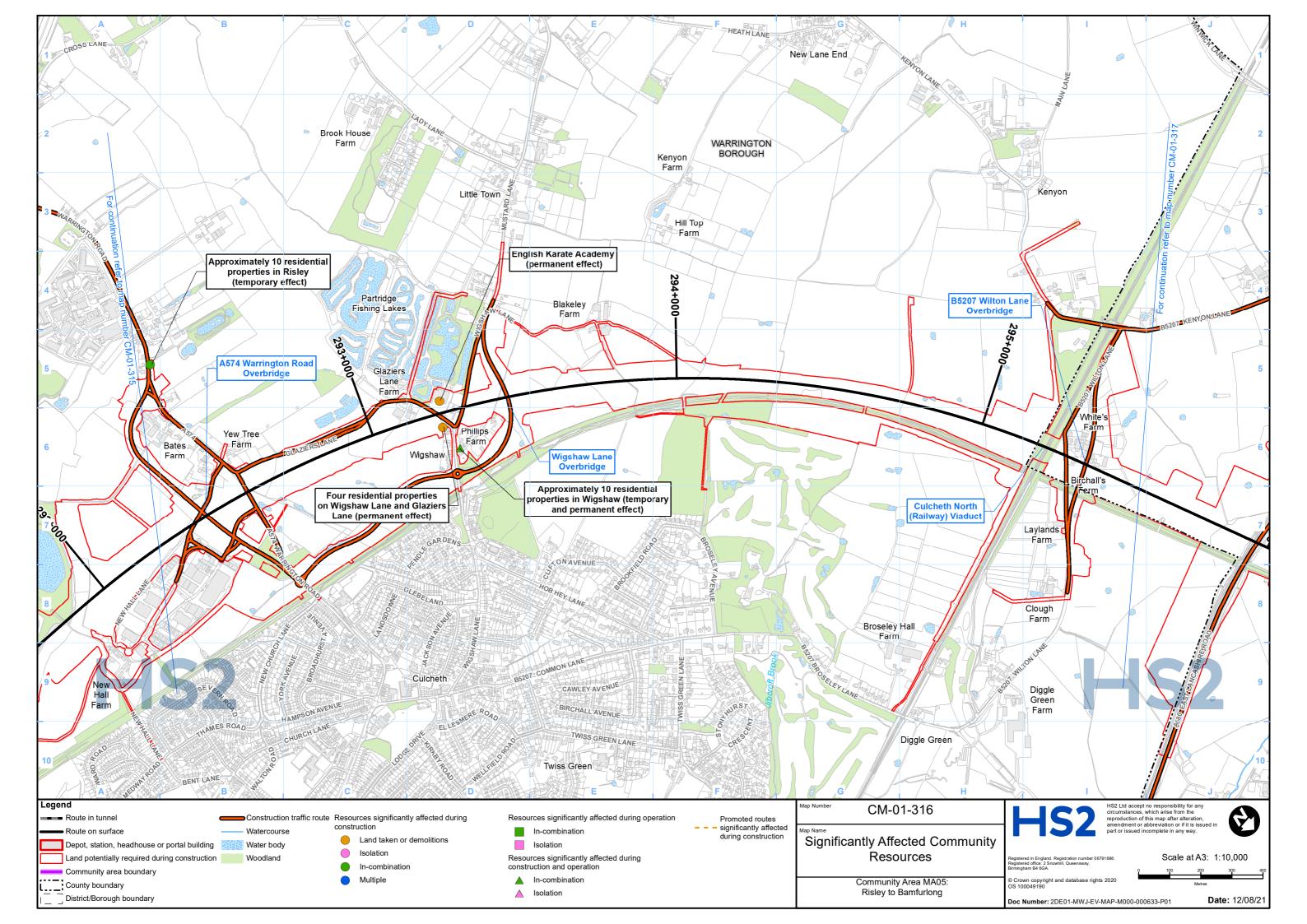


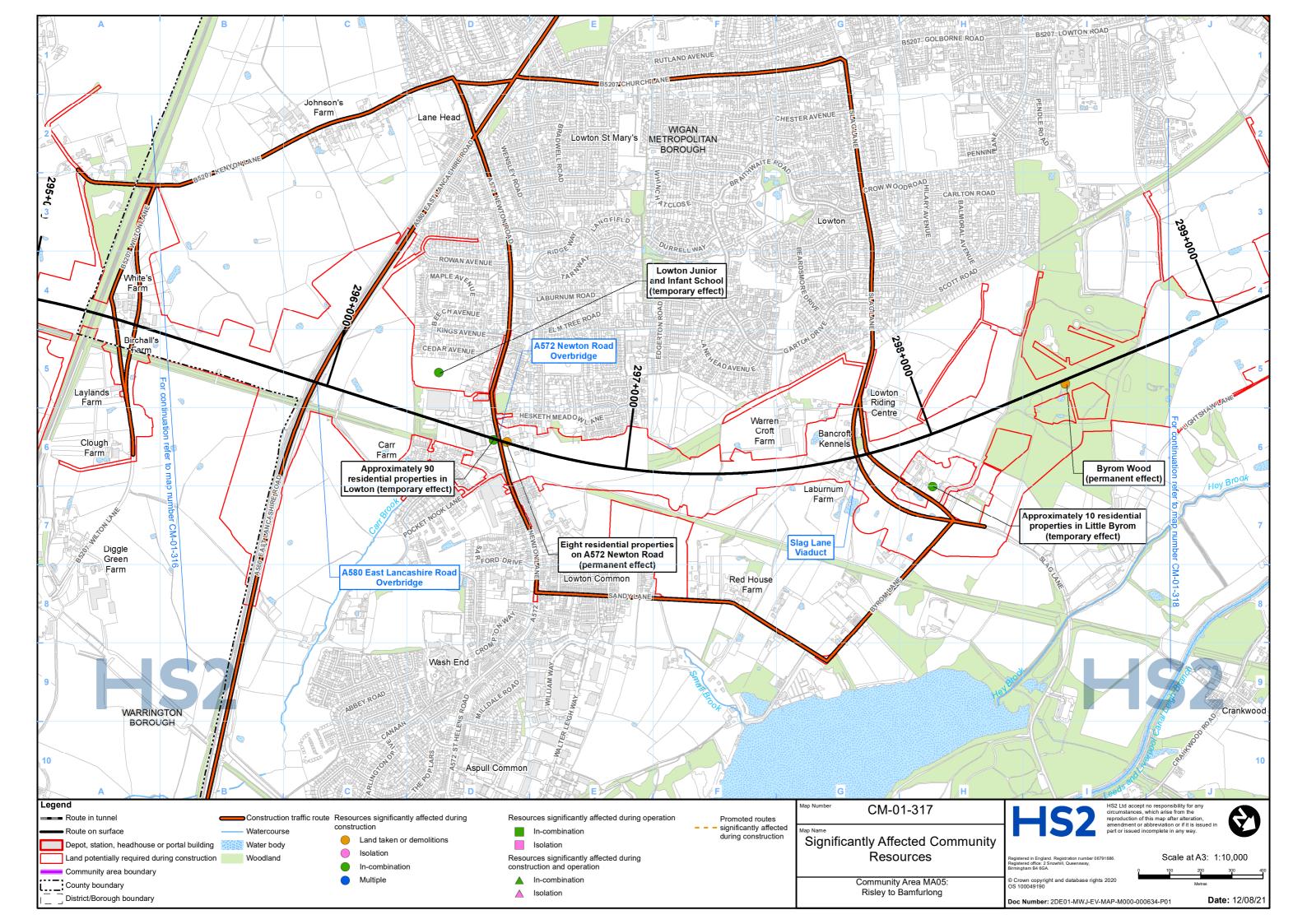
MA05: Risley to Bamfurlong CM-01 - Significantly Affected Community Resources

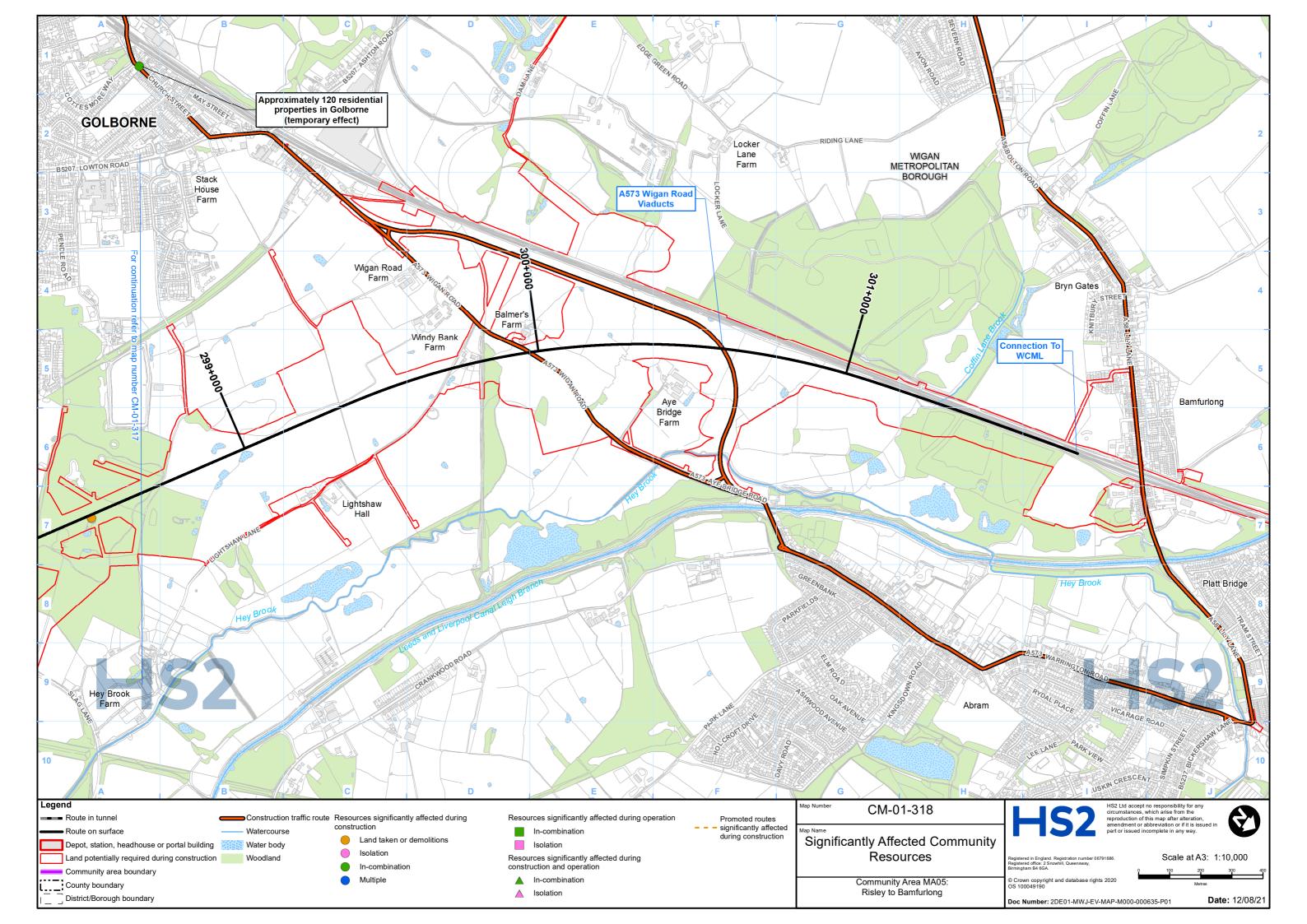






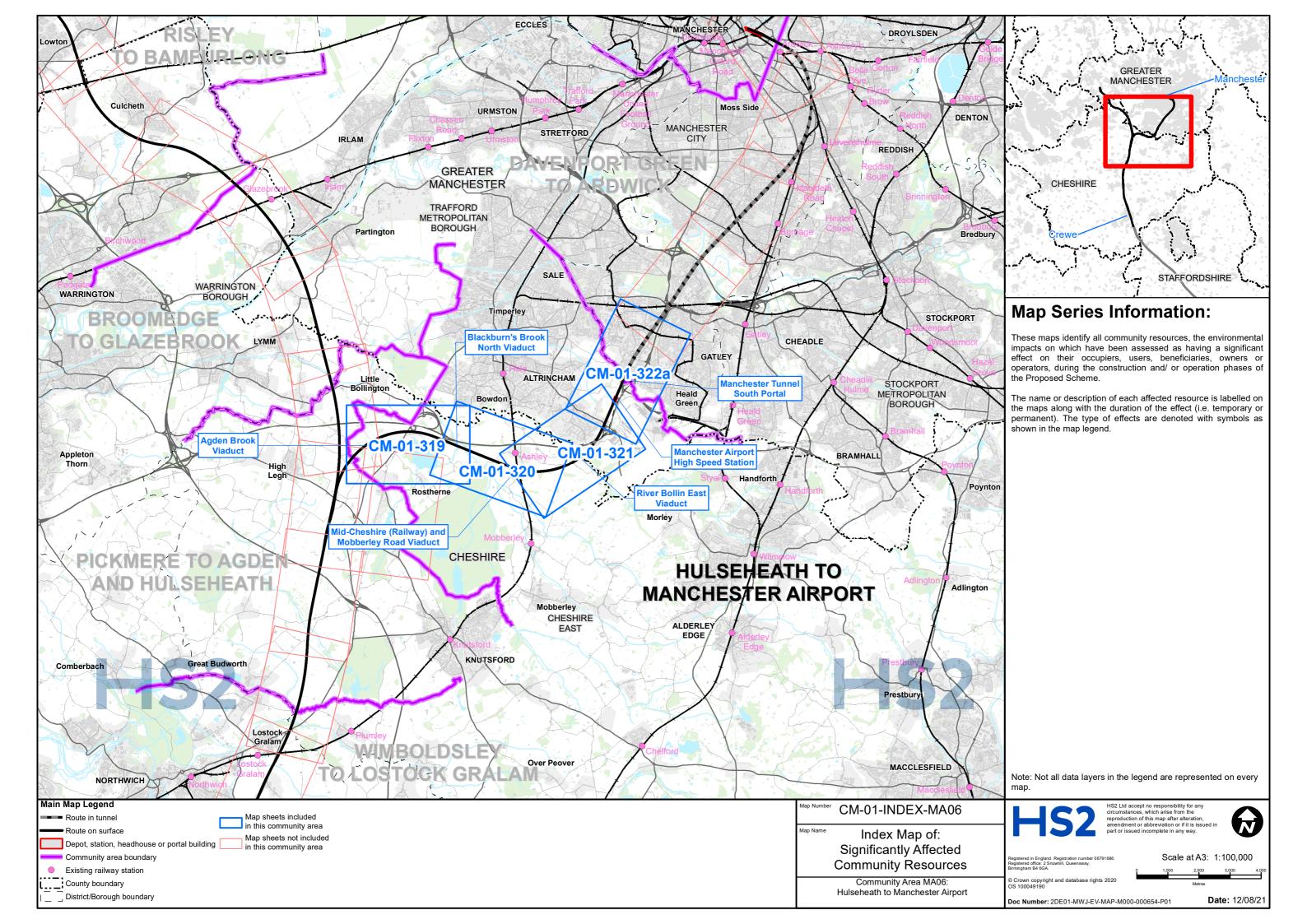


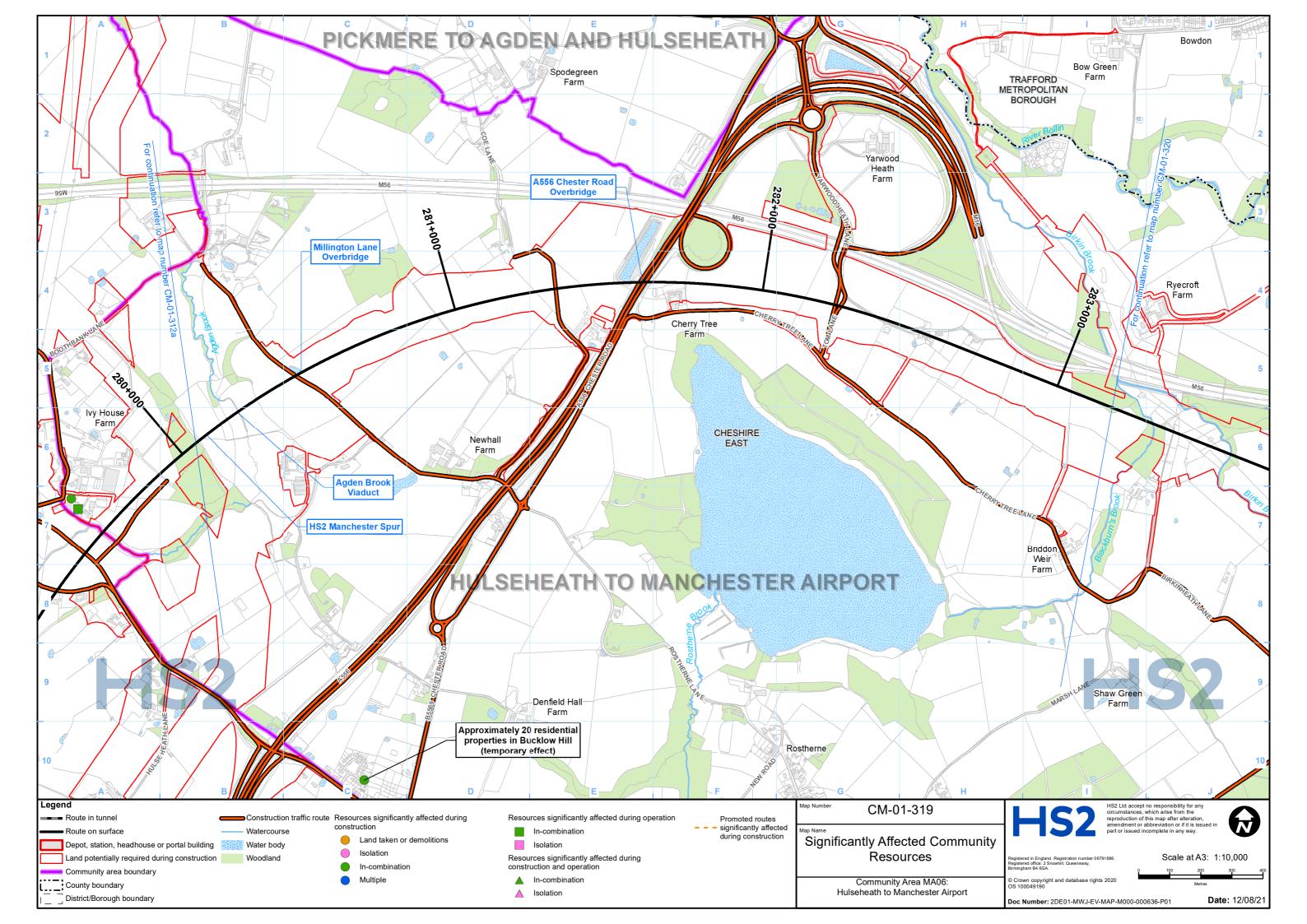


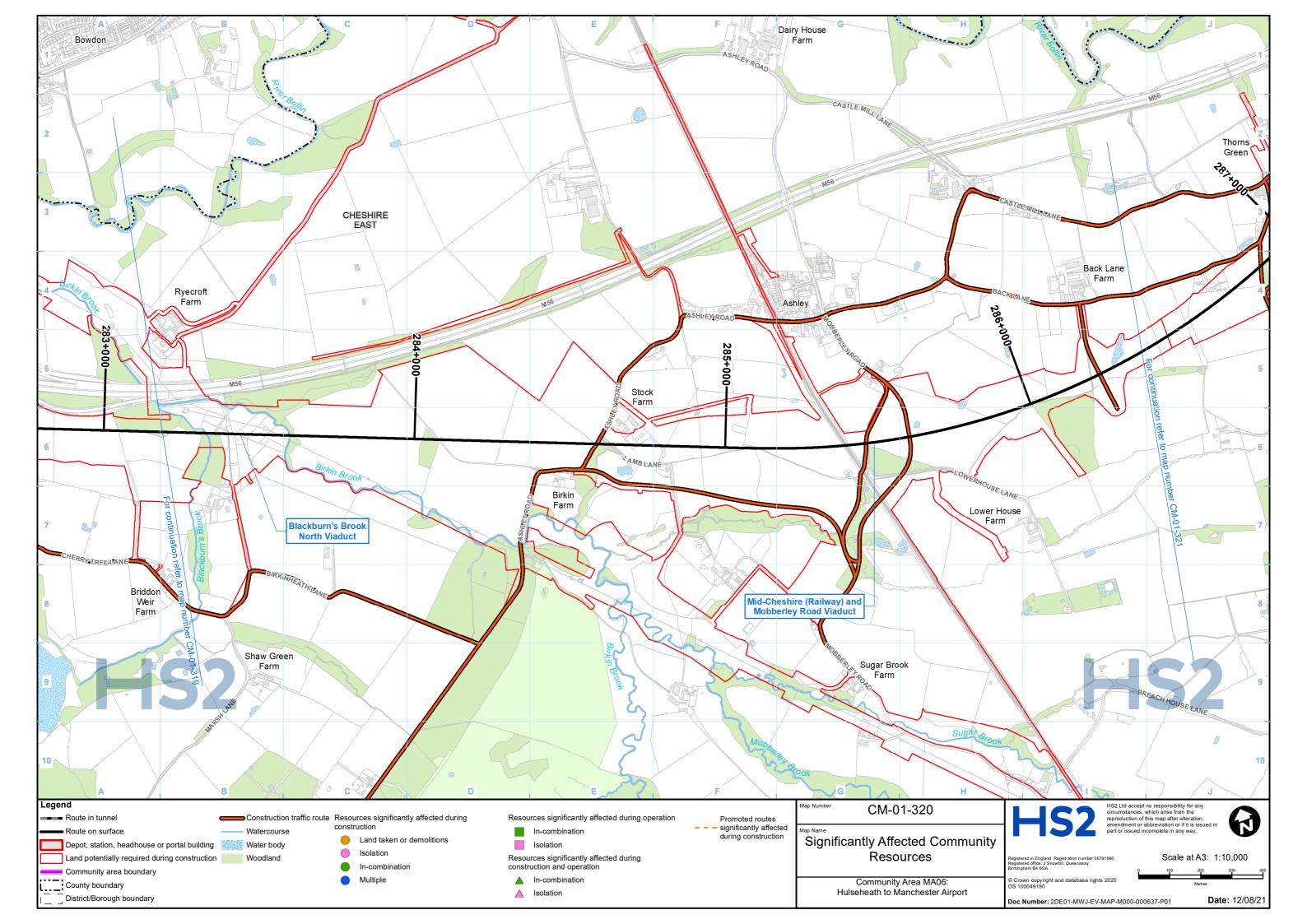


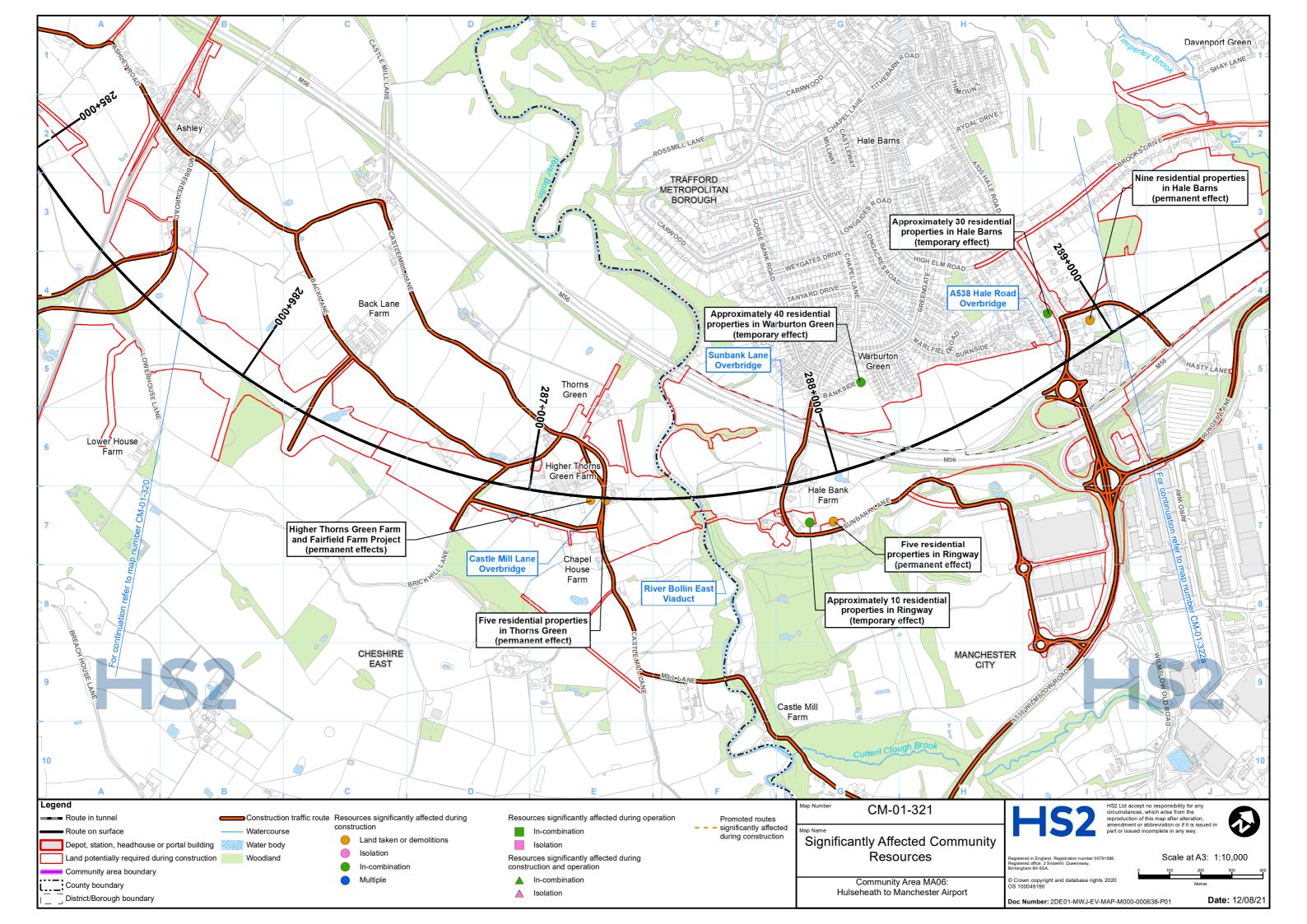


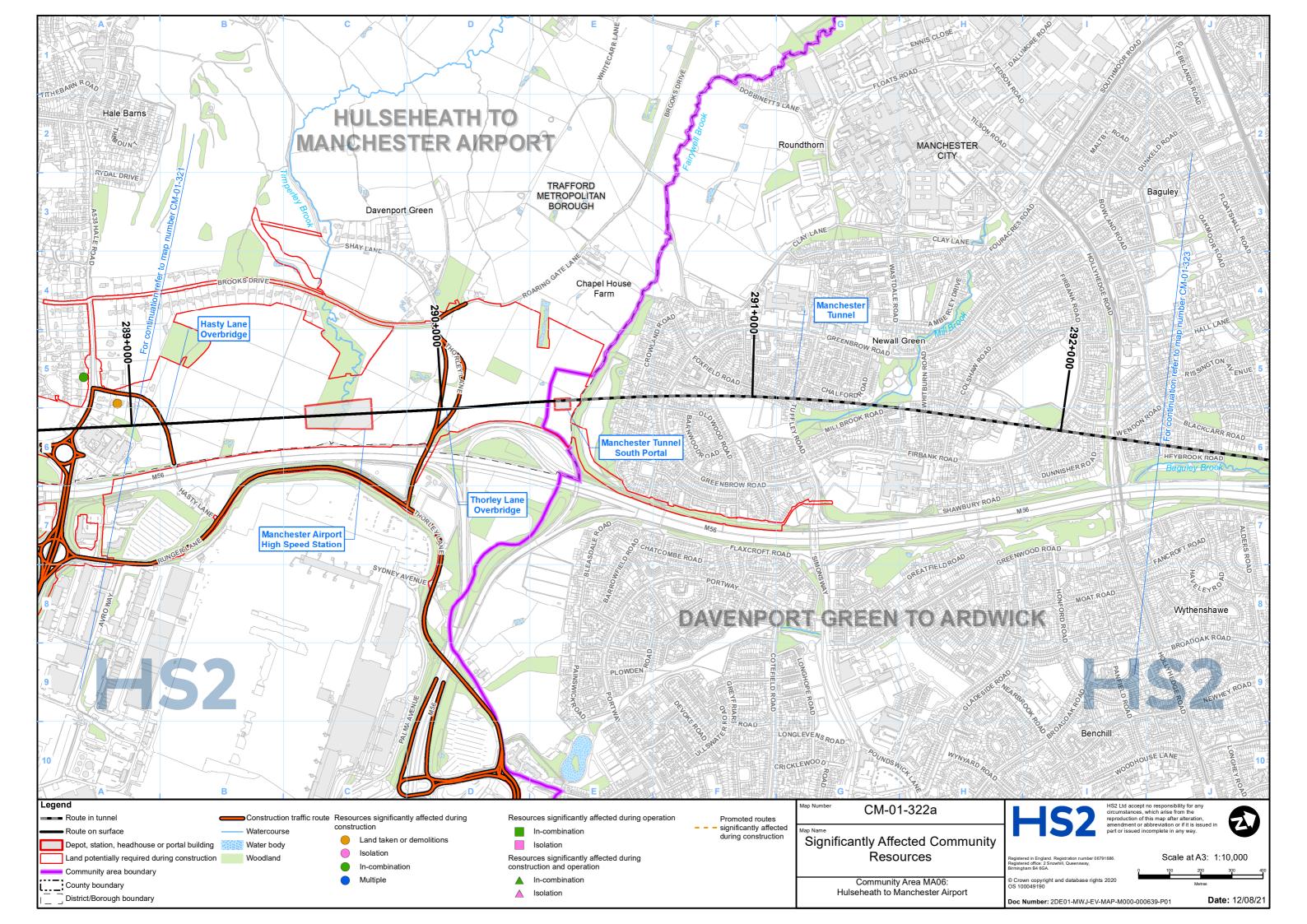
MA06: Hulseheath to Manchester Airport CM-01 - Significantly Affected Community Resources





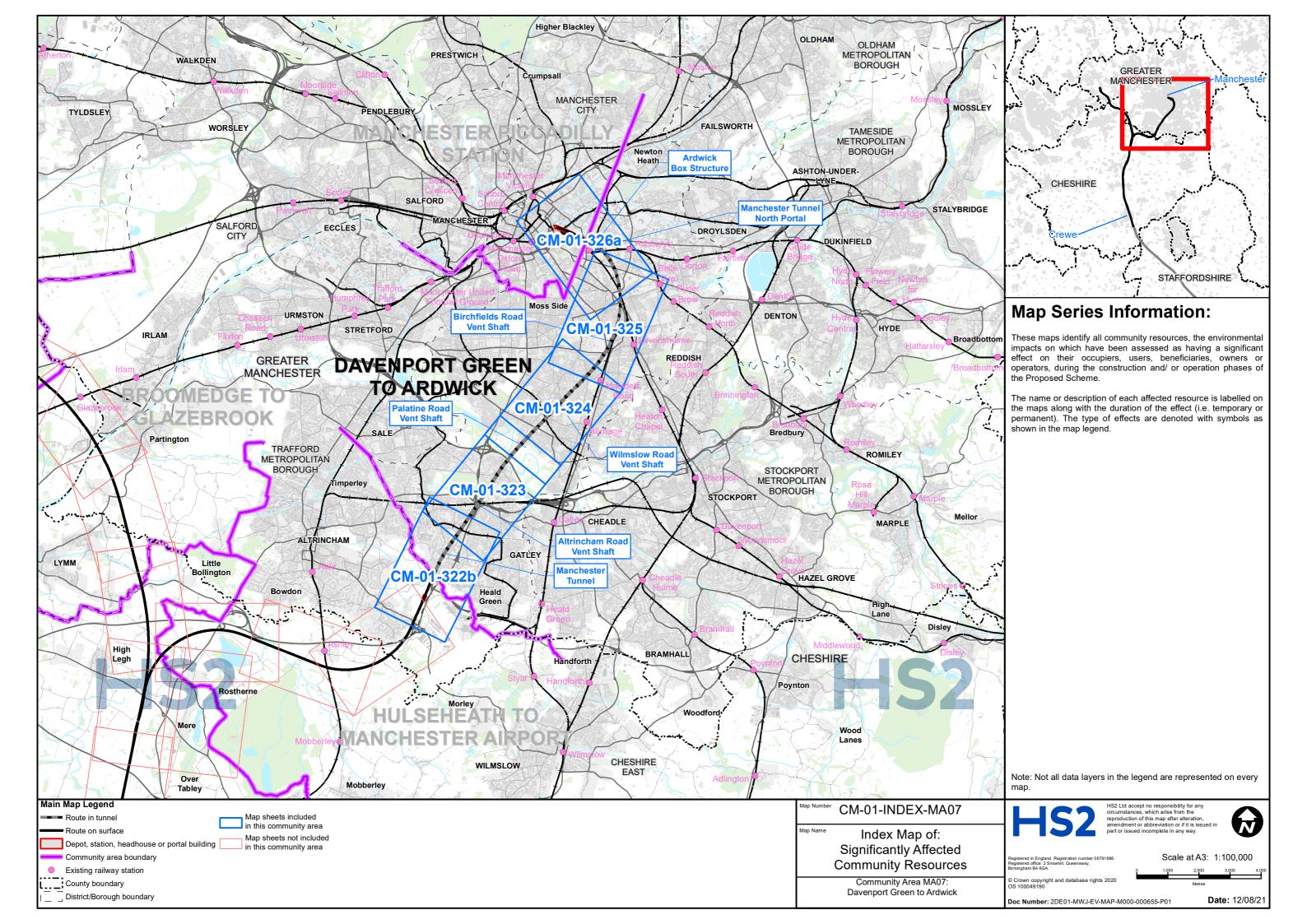


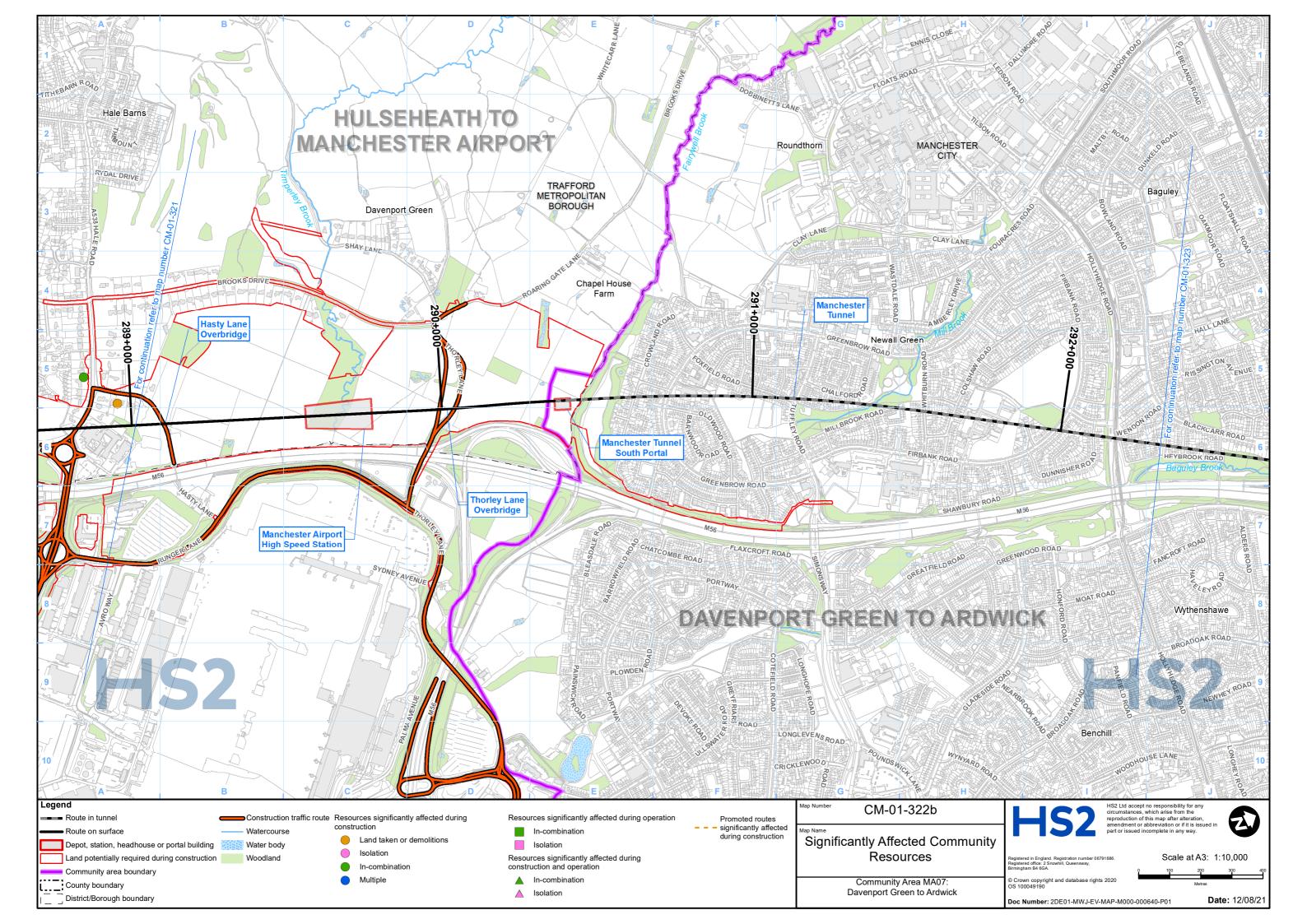


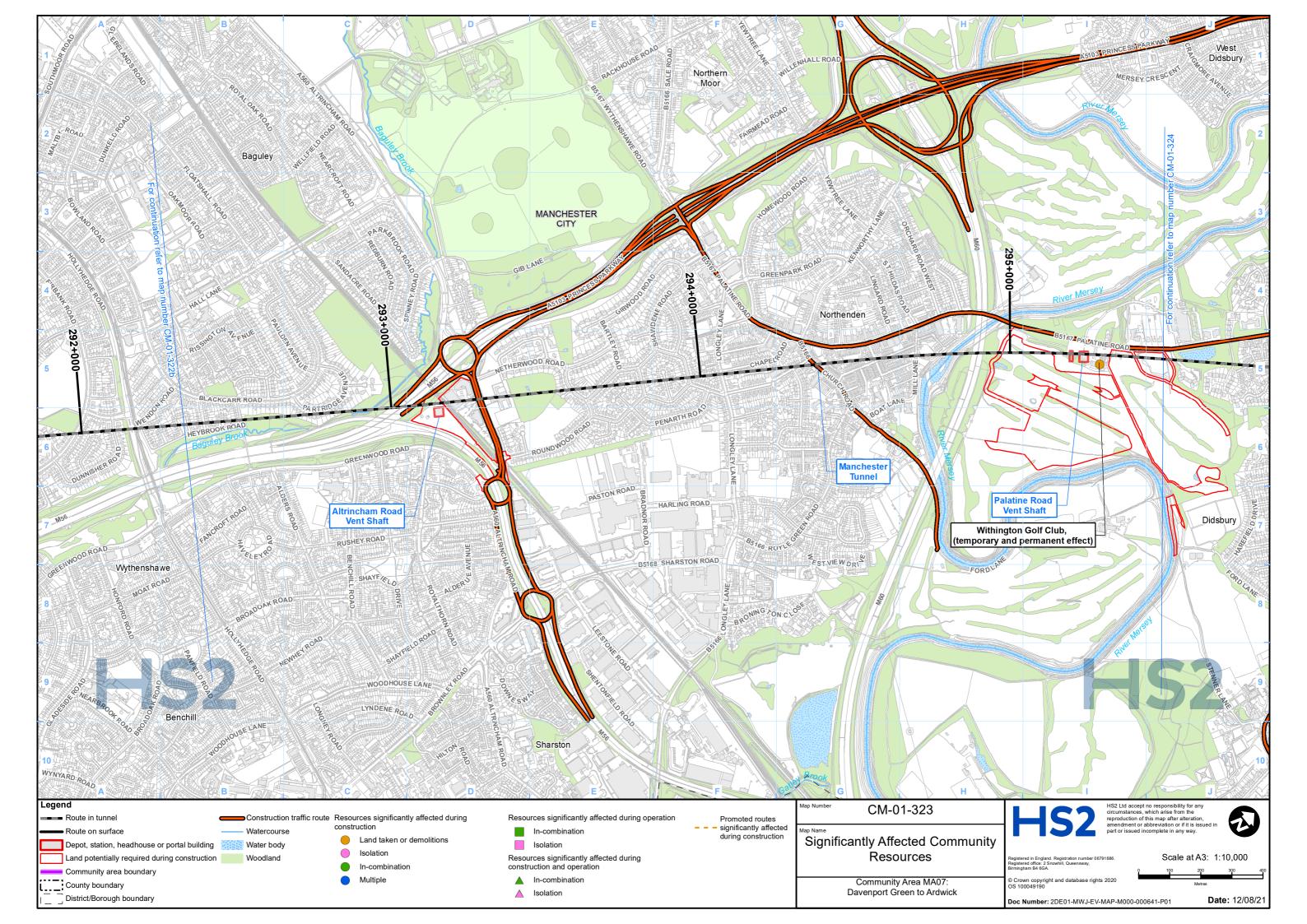


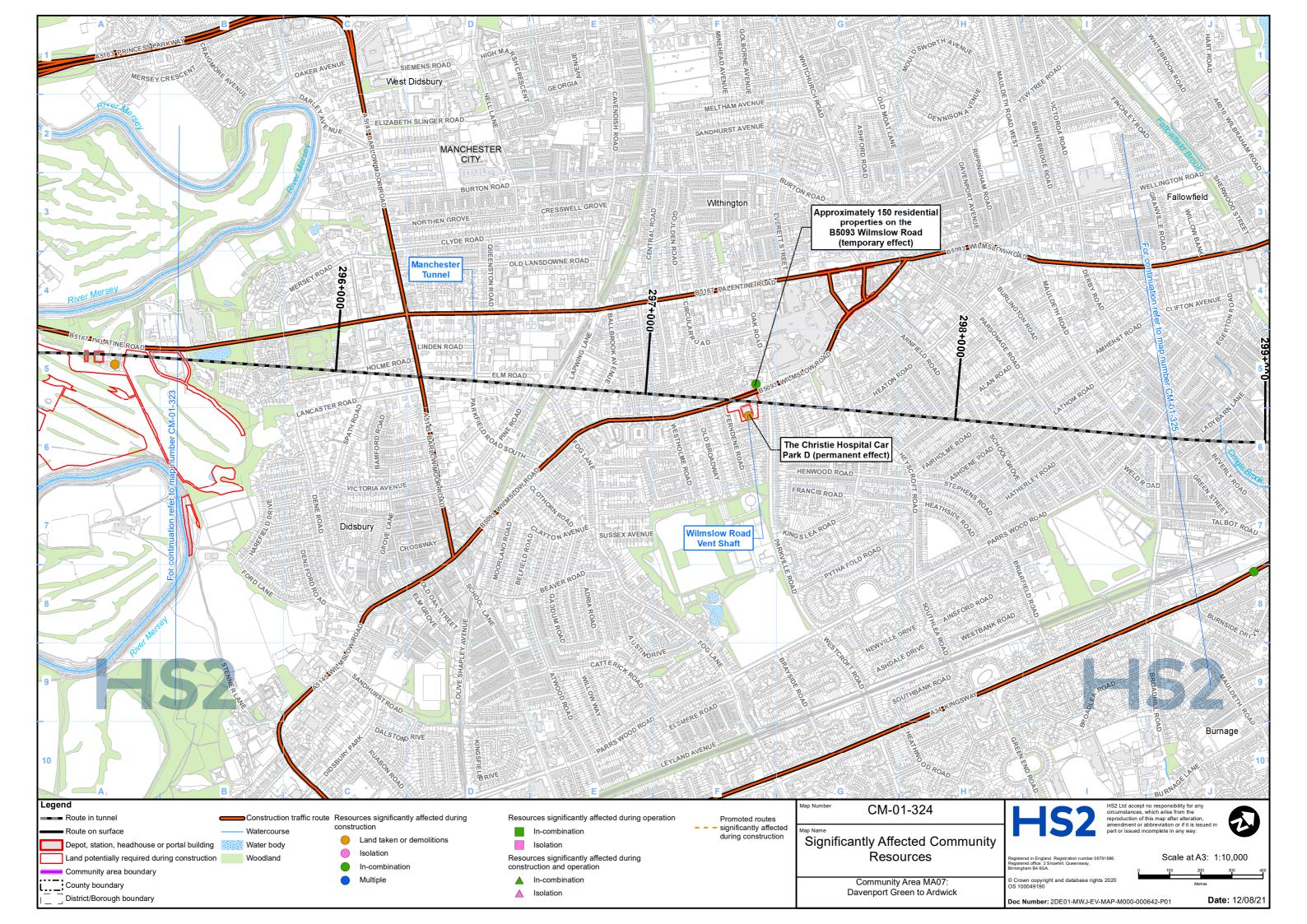


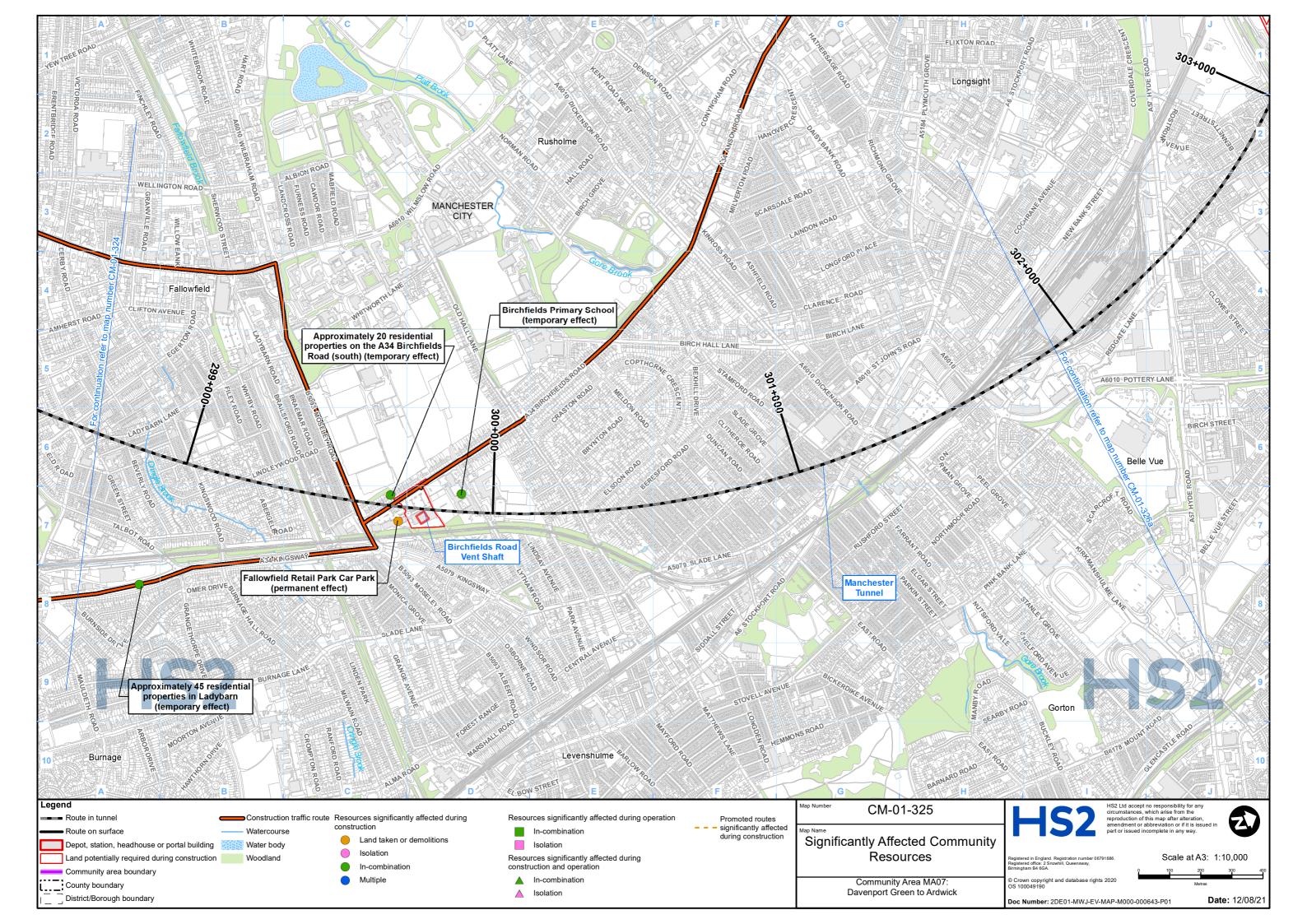
MA07: Davenport Green to Ardwick CM-01 - Significantly Affected Community Resources

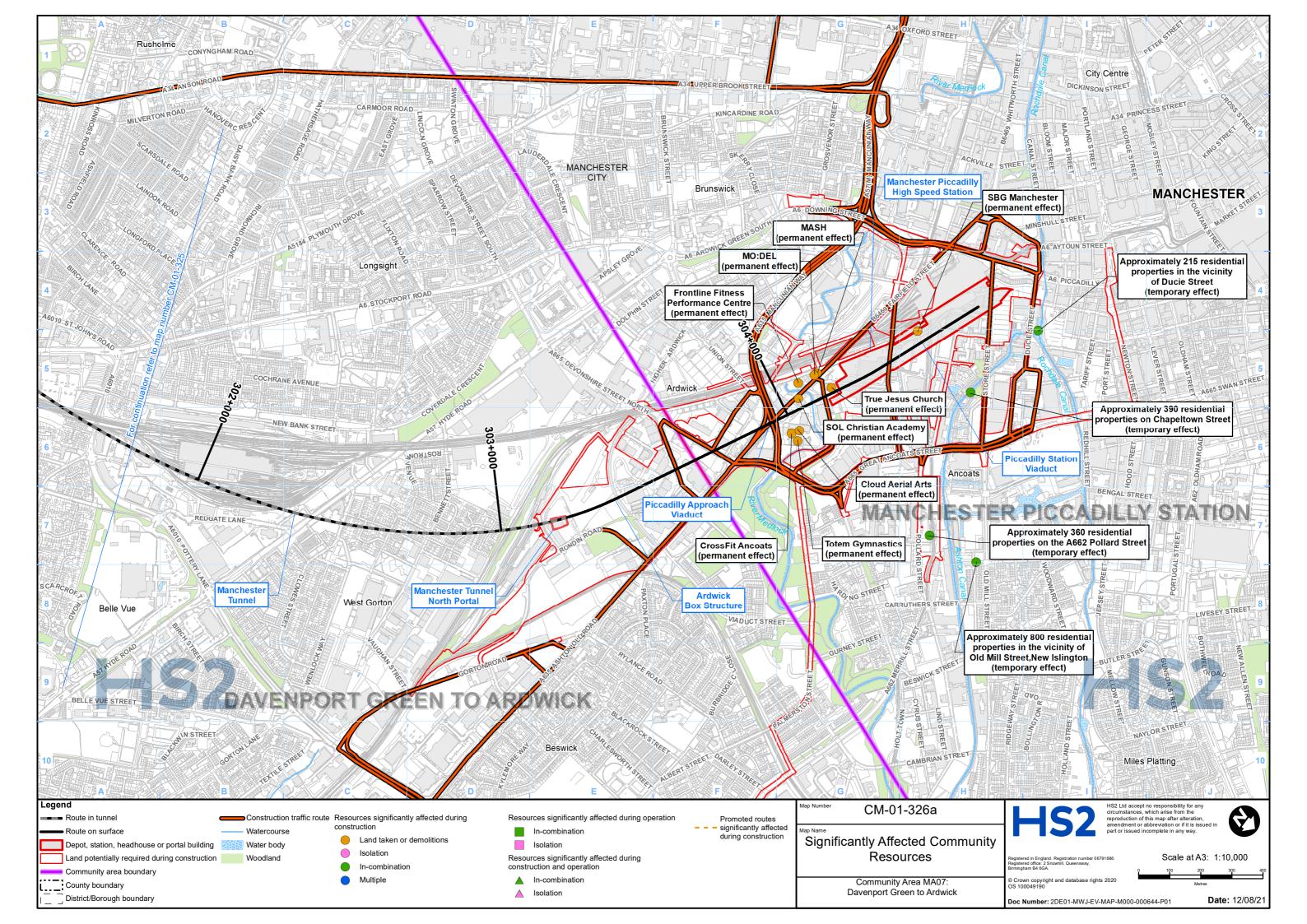














MA08: Manchester Piccadilly Station CM-01 - Significantly Affected Community Resources

