

Volume 5 | Map books

Socio-economics

November 2013 ES 3.5.1.8



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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Printed in Great Britain on paper containing at least 75% recycled fibre.

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Map series name	SE-o1 – Socio-Economic Significantly Affected Resources	SE-02 — Demographic Character Areas	
Map series description	These maps identify socio-economic resources which have been assessed as significantly affected during the construction and	These maps identify the demographic character areas which are groupings of several statistical areas (Lower Super Output Areas (LSOAs)) within each CFA.	
Community Forum Area name	operational phases of the scheme.		
CFA 01 – Euston – Station and Approach	✓	✓	
CFA 02 — Camden Town and HS1 Link	✓	✓	
CFA 03 – Primrose Hill to Kilburn (Camden)	✓	✓	
CFA 04 – Kilburn (Brent) to Old Oak Common	✓	✓	
CFA 05 – Northolt Corridor	×	✓	
CFA o6 – South Ruislip to Ickenham	×	✓	
CFA 07 – Colne Valley	✓	✓	
CFA o8 – The Chalfonts and Amersham	×	✓	
CFA 09 – Central Chilterns	×	✓	
CFA 10 – Dunsmore, Wendover and Halton	×	✓	
CFA 11 — Stoke Mandeville and Aylesbury	×	✓	
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	✓	✓	
CFA 16 — Ladbroke and Southam	×	✓	
CFA 17 — Offchurch and Cubbington	×	✓	
CFA 18 — Stoneleigh, Kenilworth and Burton Green	✓	✓	
CFA 19 – Coleshill Junction	×	✓	
CFA 20 — Curdworth to Middleton	×	✓	
CFA 21 — Drayton Bassett, Hints and Weeford	×	✓	
CFA 22 — Whittington to Handsacre	×	✓	
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	✓	✓	

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 Environmental Statement (ES) contain Ordnance Survey (OS) data. HS2 Ltd uses the most up-to-date mapping available, where possible, supplied by the OS. 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 XX+YYY, for example: 77+000.

Chainage (known as reference chainage) is referenced from Euston station, which is 0+000, and the value presented is in metres. For example, 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 1:25,000, scale chainage is shown 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 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 right hand side of the page, and the West Midlands to the left.

The exceptions to this are map series LV-02, LV-03, LV-04, LV-07 and LV-08, which present the alignment running from the bottom to the 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

There are a total of 76 map books in the ES, spread across Volumes 2, 4 and 5. A list of the titles is provided in the table below for reference.

Name	Name	
olume 2 Map Books Community Forum Area: 01 Euston — Station and Approach	Volume 5 Map Books: Ecology – Community Forum Area: 05 Northolt Corridor	
olume 2 Map Book s Community Forum Area: 02 Camden Town and HS1 Link	Volume 5 Map Books: Ecology – Community Forum Area: o6 South Ruislip to Ickenham	
olume 2 Map Books Community Forum Area: 03 Primrose Hill to Kilburn (Camden)	Volume 5 Map Books: Ecology – Community Forum Area: 07 Colne Valley	
olume 2 Map Books Community Forum Area: 04 Kilburn (Brent) to Old Oak Common	Volume 5 Map Books: Ecology – Community Forum Area: 08 The Chalfonts and Amersham	
olume 2 Map Books Community Forum Area: 05 Northolt Corridor	Volume 5 Map Books: Ecology – Community Forum Area: 09 Central Chilterns	
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Data dictionary and definitions

Data dictionary and definitions

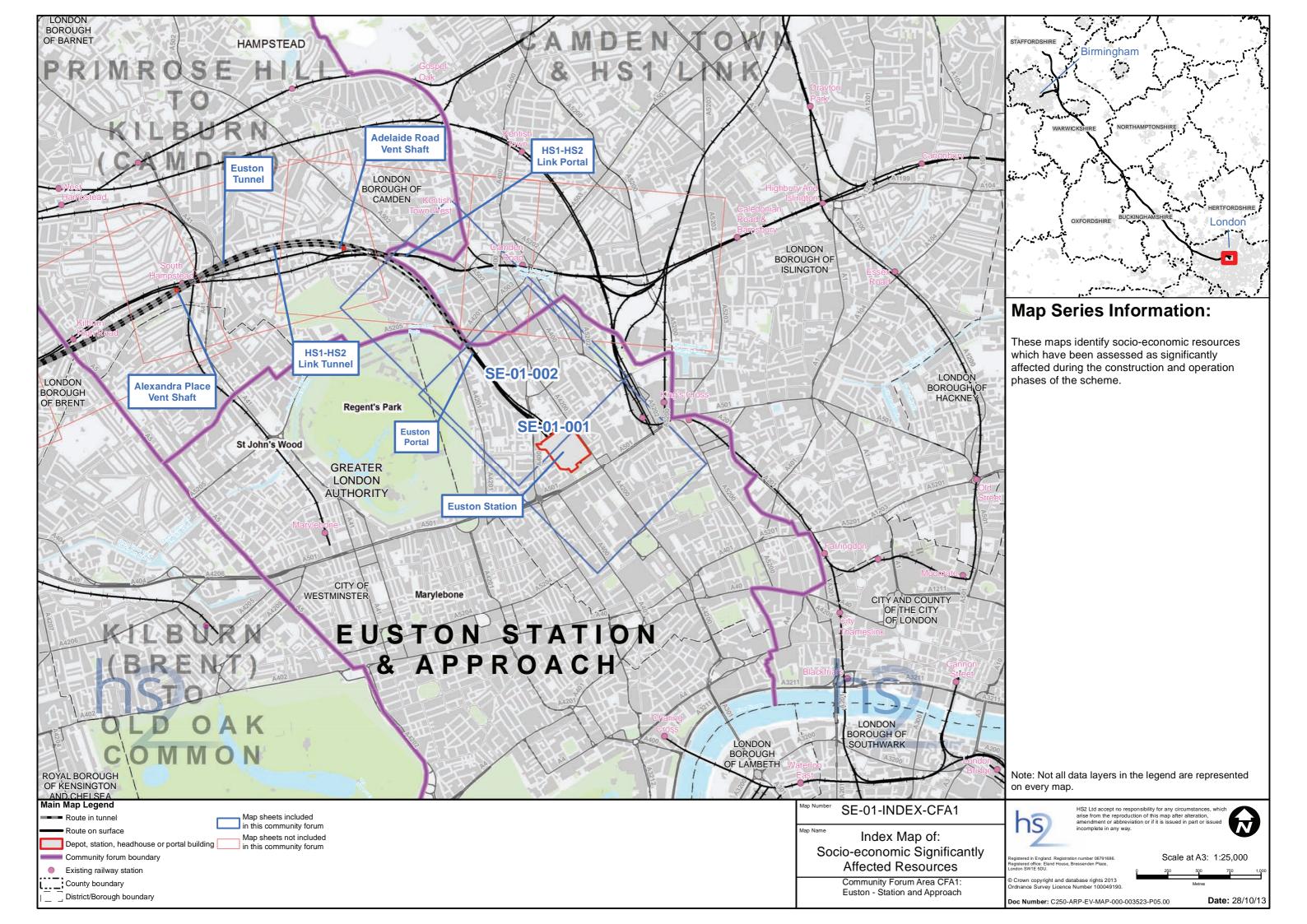
Legend features	Definition	Source	Copyright
Airport	Ordnance Survey airports from the OS Strategi dataset.	Ordnance Survey	© Crown Copyright and database rights 2013 Ordnance Survey Licence Number 100049190.
Community forum boundary	The Environmental Statement has been split into 26 sections called Community Forum Areas.	High Speed Two (HS2) Ltd	© Crown Copyright and database rights 2013 Ordnance Survey Licence Number 100049190.
County boundary	County boundaries from Ordnance Survey boundary mapping.	Ordnance Survey	© Crown Copyright and database rights 2013 Ordnance Survey Licence Number 100049190.
Demographic character areas	These are built up from local super output areas and are used to provide a context of the area's socio-economic profile. They have been defined to provide a descriptive, contextual profile of local communities (e.g. living in villages, towns, neighbourhoods) along the HS2 route by using available baseline datasets which capture various demographic/socio-economic characteristics at a lower geographic level.	High Speed Two (HS2) Ltd	Contains public sector information licensed under the Open Government Licence v1.0
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 2013 Ordnance Survey Licence Number 100049190.
Existing railway station	Railway stations derived from Ordnance Survey Vector map data.	Ordnance Survey	© Crown Copyright and database rights 2013 Ordnance Survey Licence Number 100049190.
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	
Lower super output areas	Lower Super Output Areas were designed to improve the reporting of small area statistics and are built up from groups of Output Areas. Sourced from the Office for National Statistics.	Office for National Statistics (ONS)	Contains public sector information licensed under the Open Government Licence v1.0
Registered park or garden	Parks and Gardens of special historic interest. Supplied by English Heritage. Of the 1,590 Registered Parks and Gardens, over 91% were captured against the 1:10,000 Ordnance Survey Raster product. 135 records are potentially subject to movement under Positional Accuracy Improvement (PAI) improvements.	English Heritage	Contains, or is based upon, English Heritage's National Heritage List for England data © English Heritage.
Resources affected during construction of HS2: Land required, Isolation, Amenity, Multiple. Resources affected during operation of HS2: Amenity	Socio-economic resources identified as significantly affected by either the construction or operation of the scheme. Derived from Ordnance Survey Mastermap data.	High Speed Two (HS2) Ltd	© Crown Copyright and database rights 2013 Ordnance Survey Licence Number 100049190.

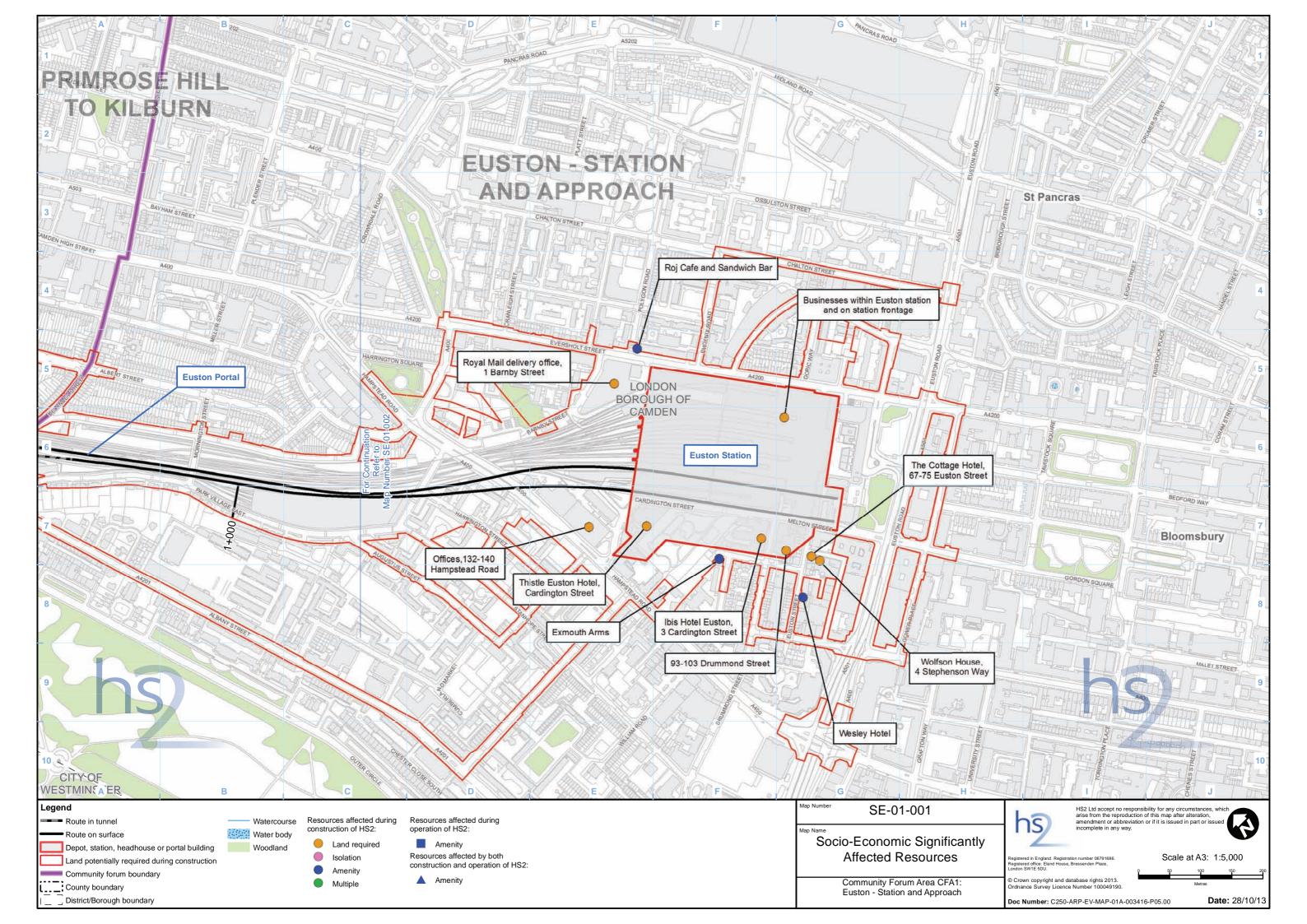
Legend features	Definition	Source	Copyright
Resources affected during both construction and operation of HS2: Amenity			
Route in tunnel Route on surface	Represents the proposed route of HS2, split into route on surface and tunnelled sections.	High Speed Two (HS2) Ltd	
Water body	Based on Ordnance Survey Vector Map District.	Ordnance Survey	© Crown Copyright and database rights 2013 Ordnance Survey Licence Number 100049190.
Watercourse	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.
Woodland	Woodland areas derived from Ordnance Survey mastermap data.	Ordnance Survey	© Crown Copyright and database rights 2013 Ordnance Survey Licence Number 100049190.

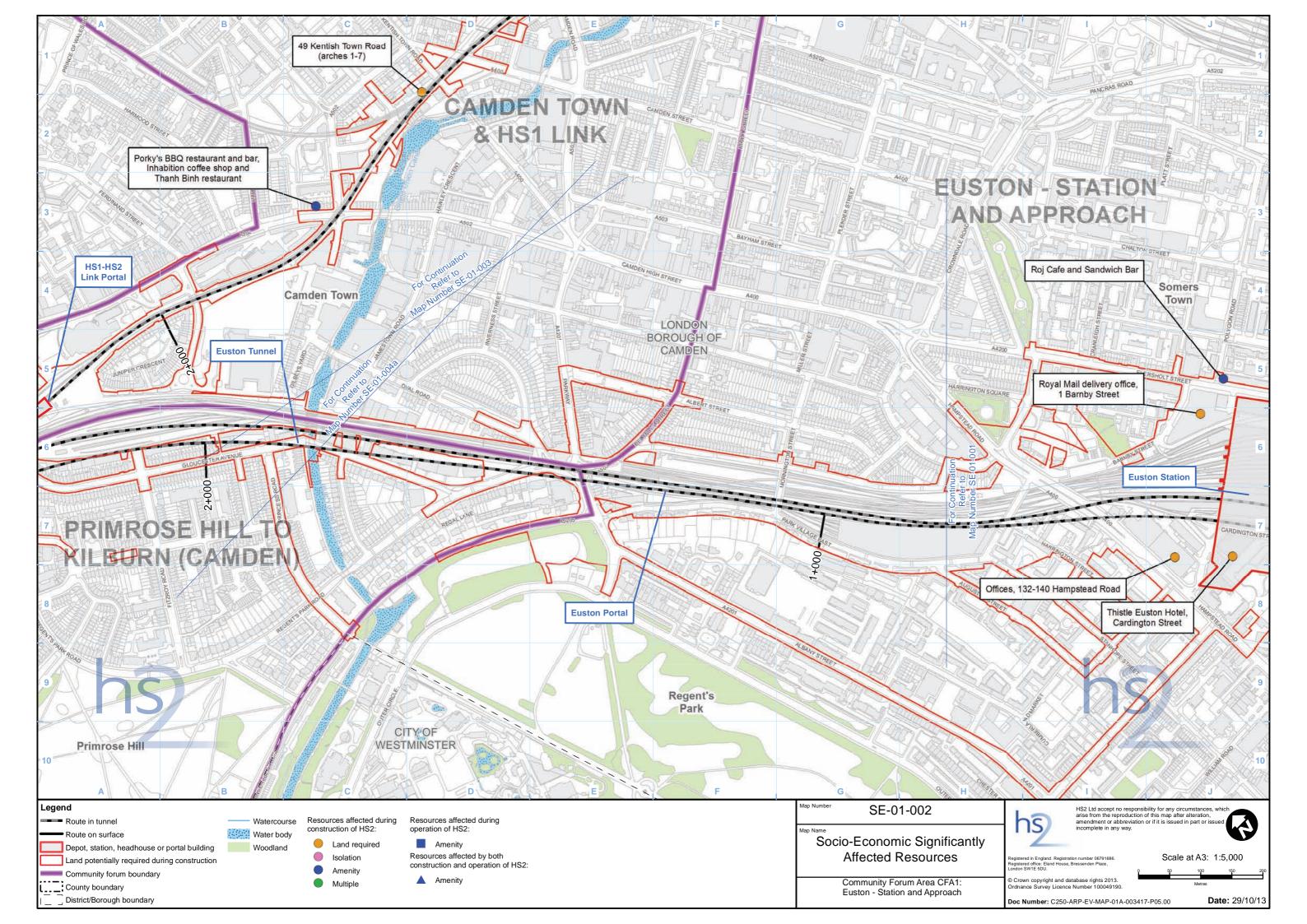


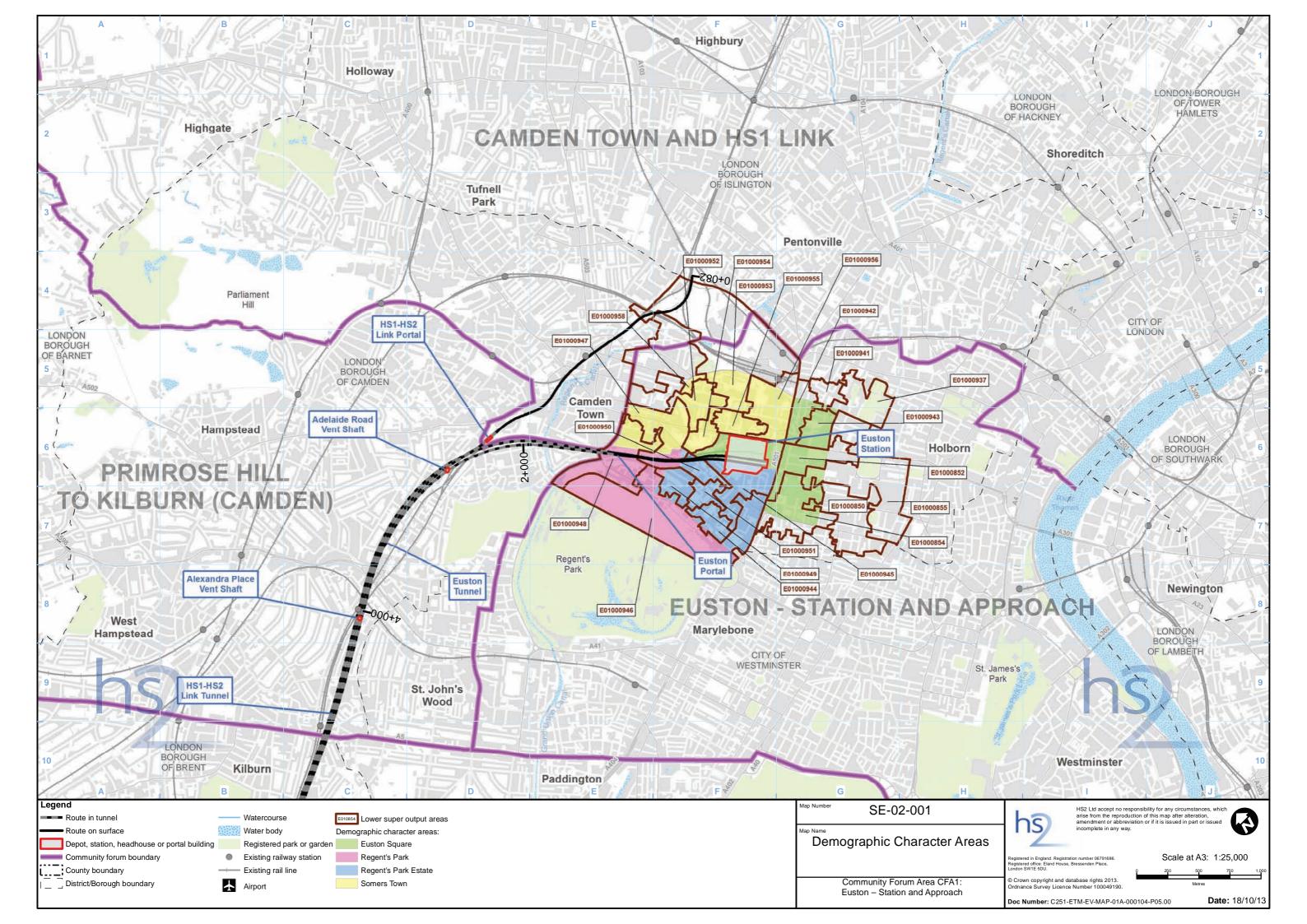
CFA1 Euston - Station and Approach

SE-o1 - Socio-Economic Significantly Affected Resources





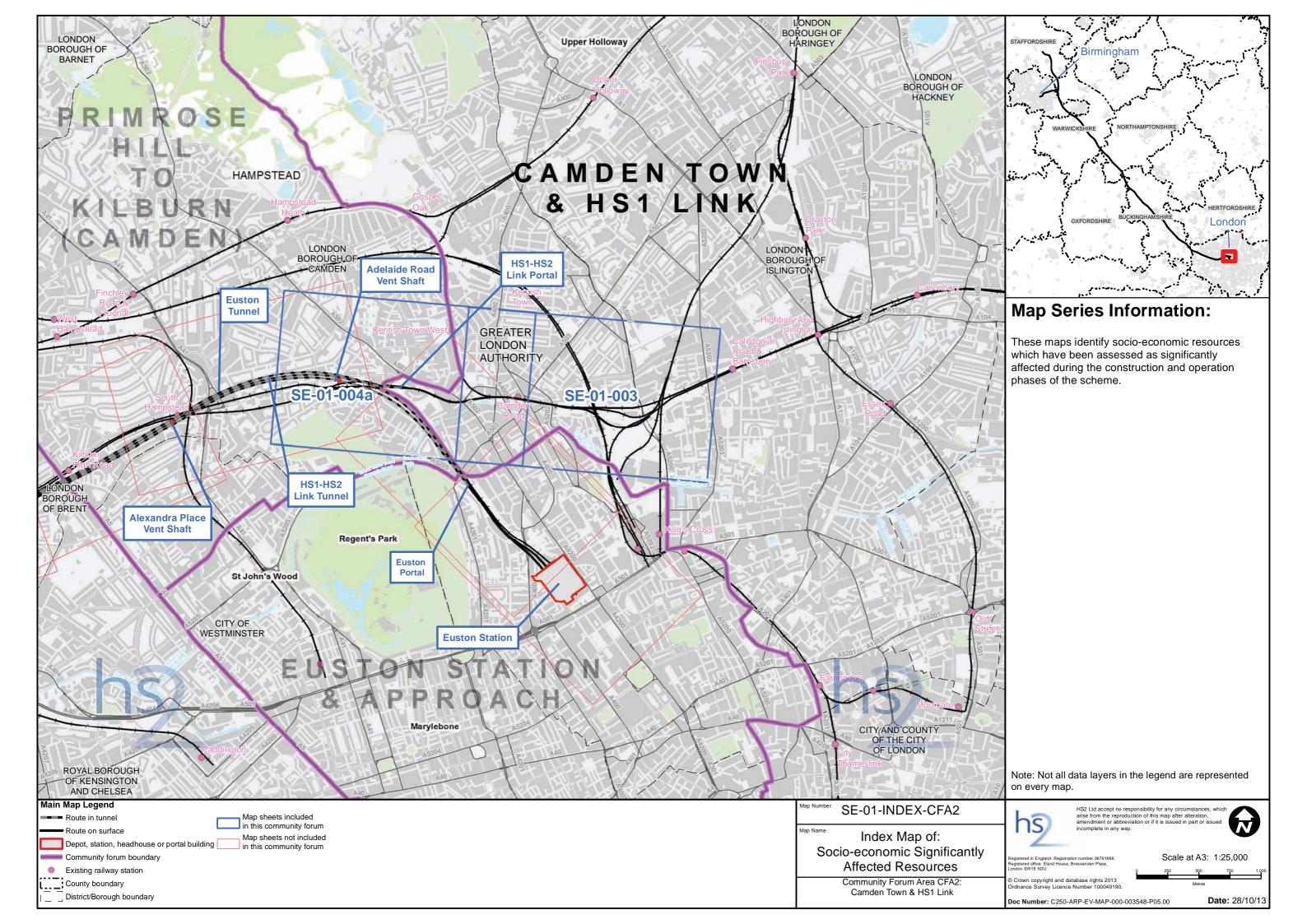


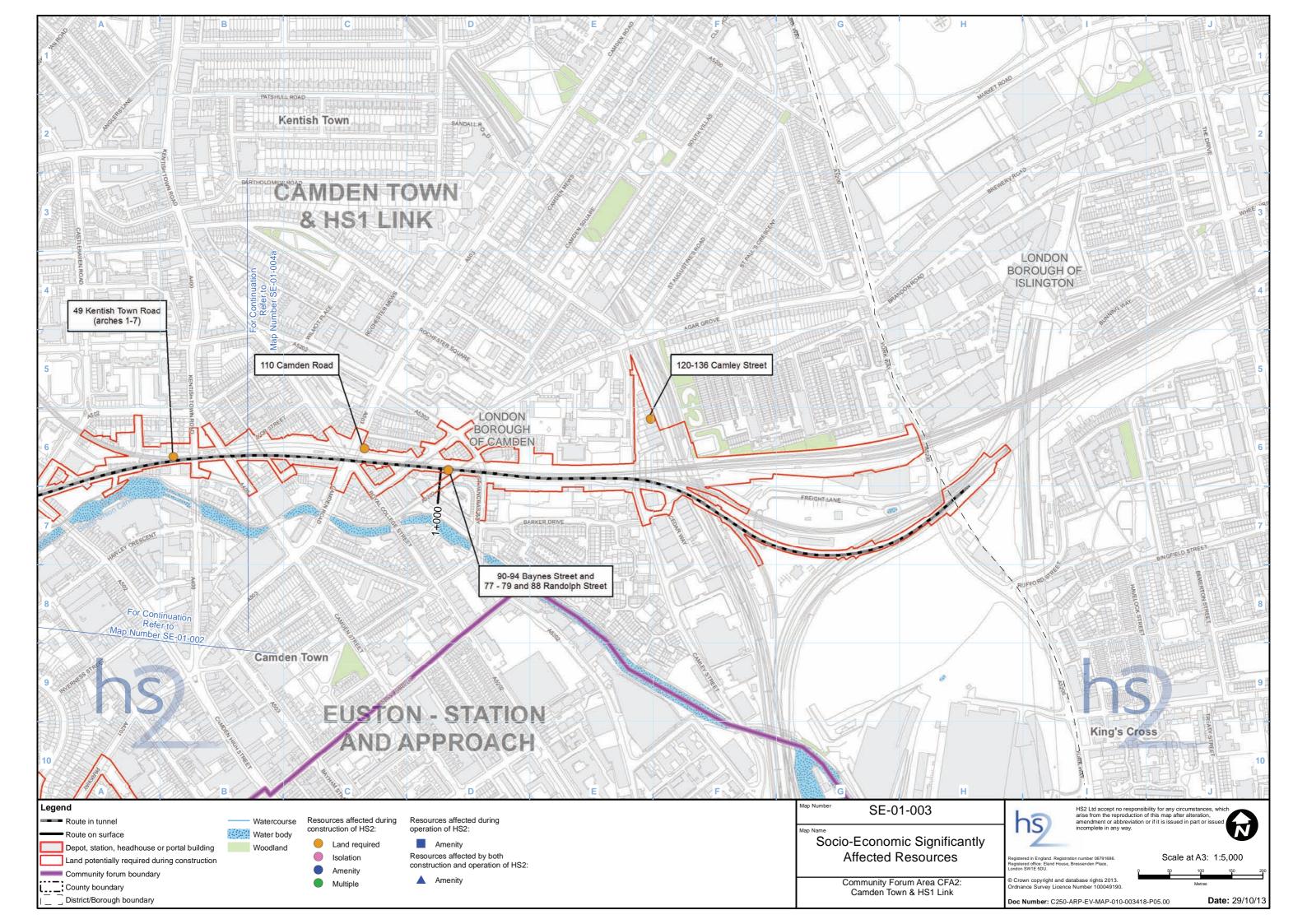


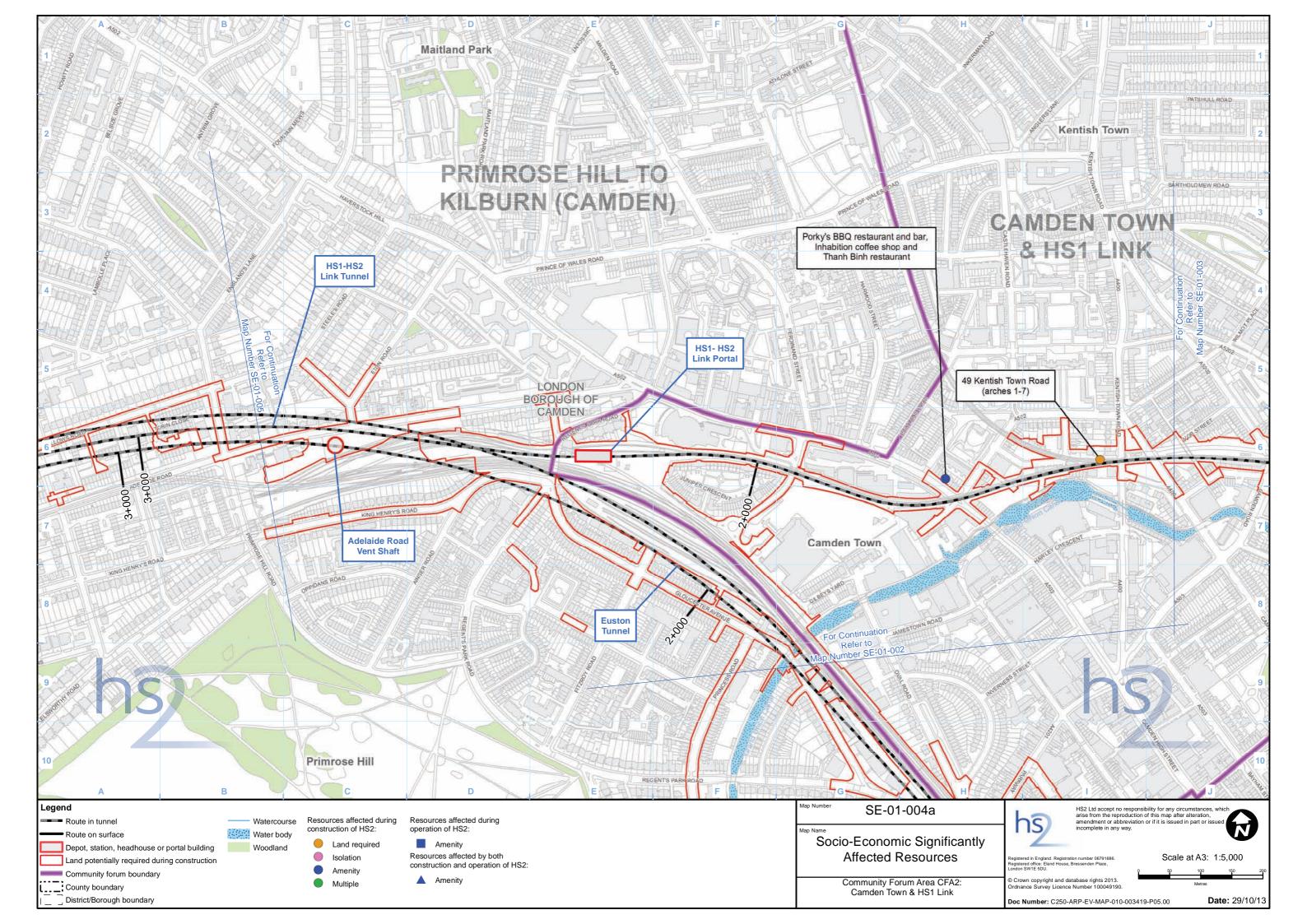


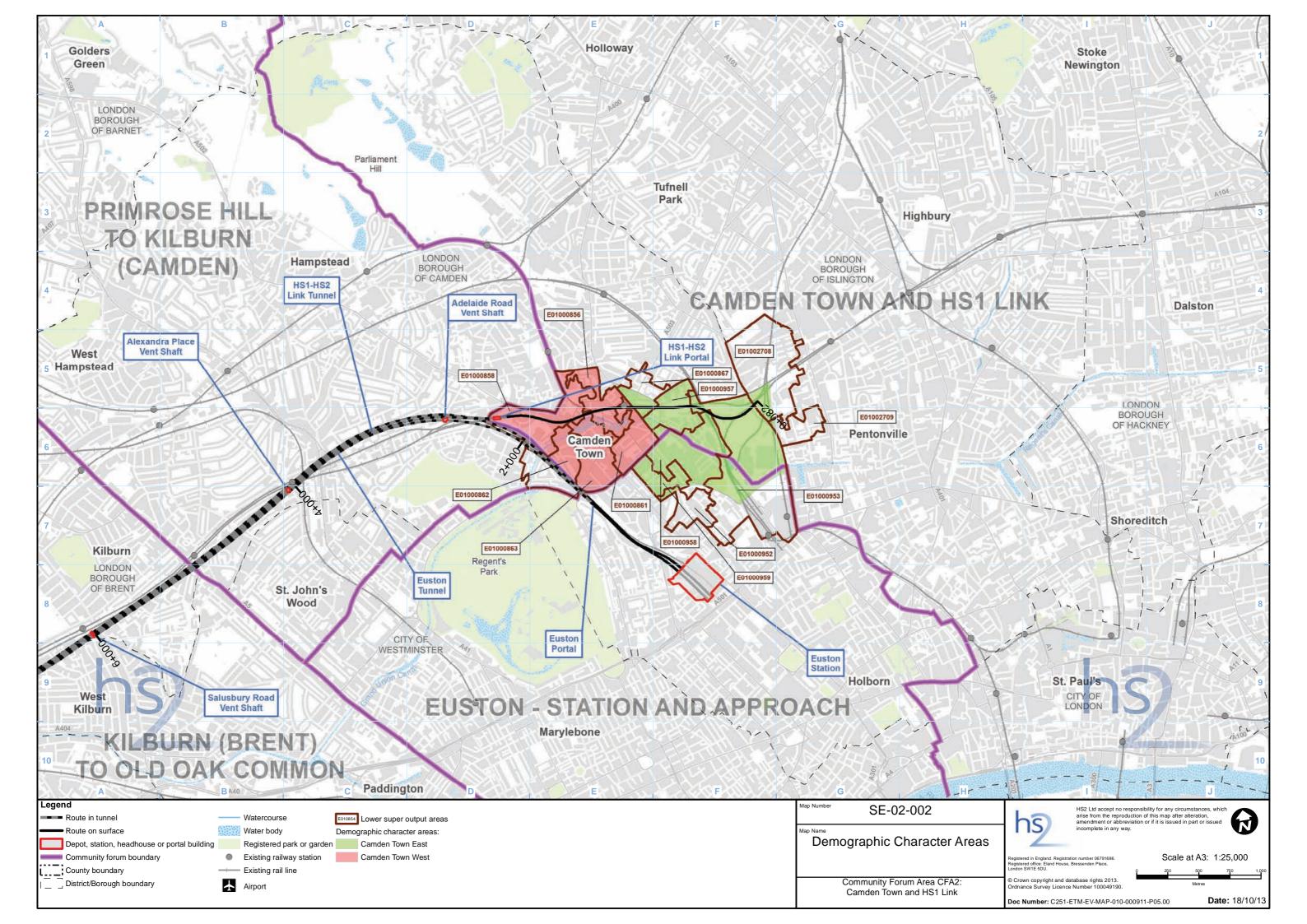
CFA2 | Camden Town and HS1 Link

SE-o1 - Socio-Economic Significantly Affected Resources





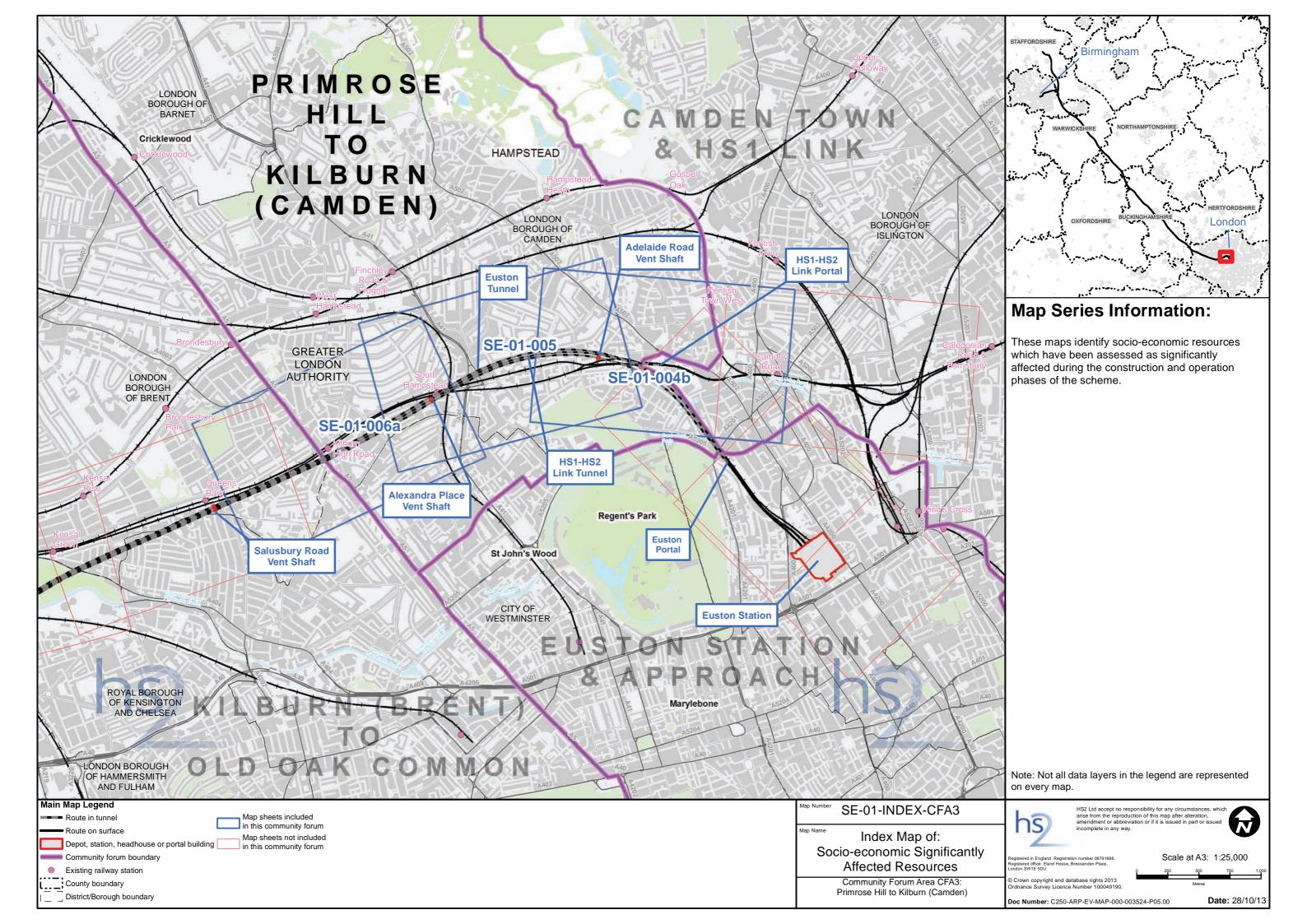


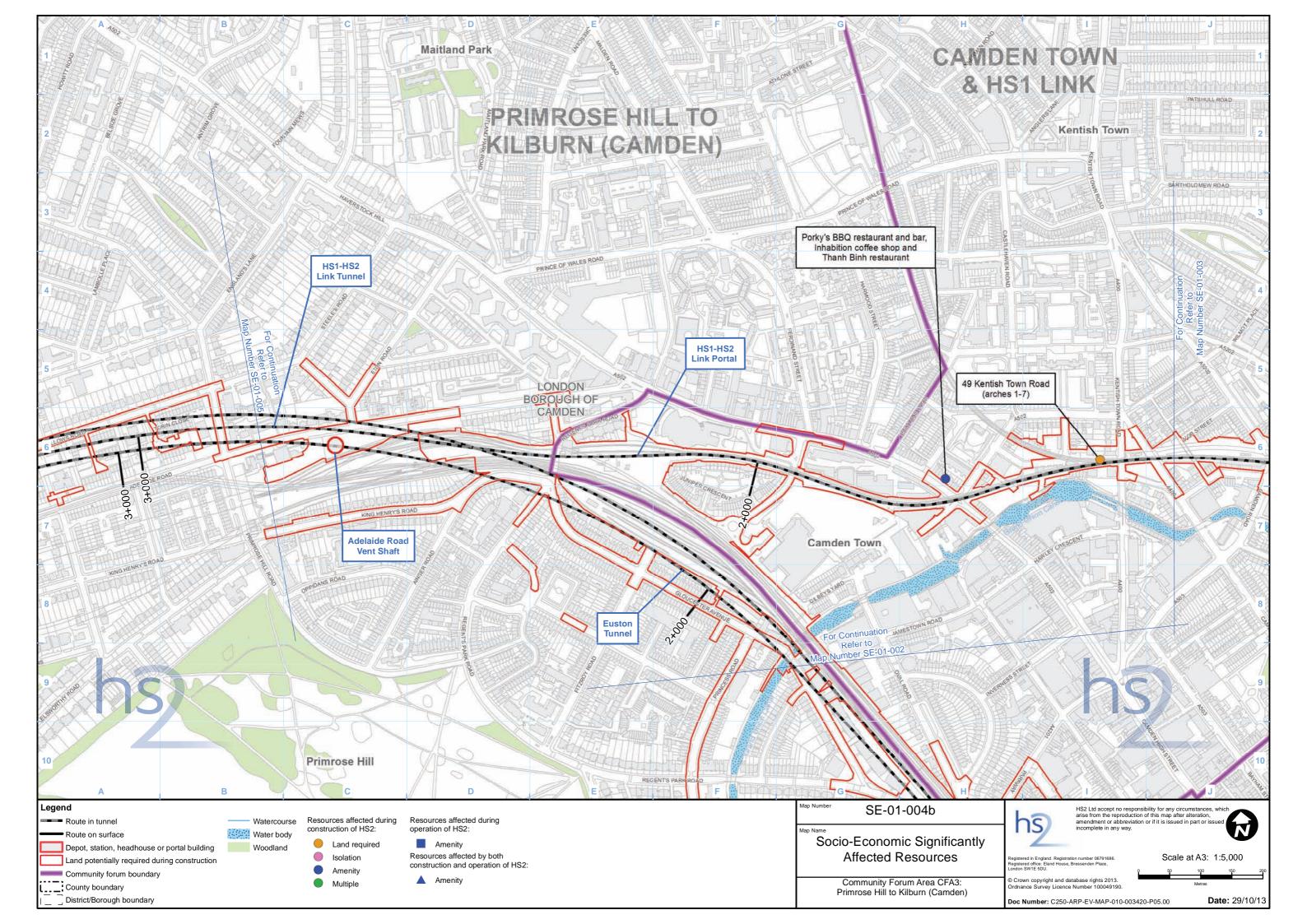


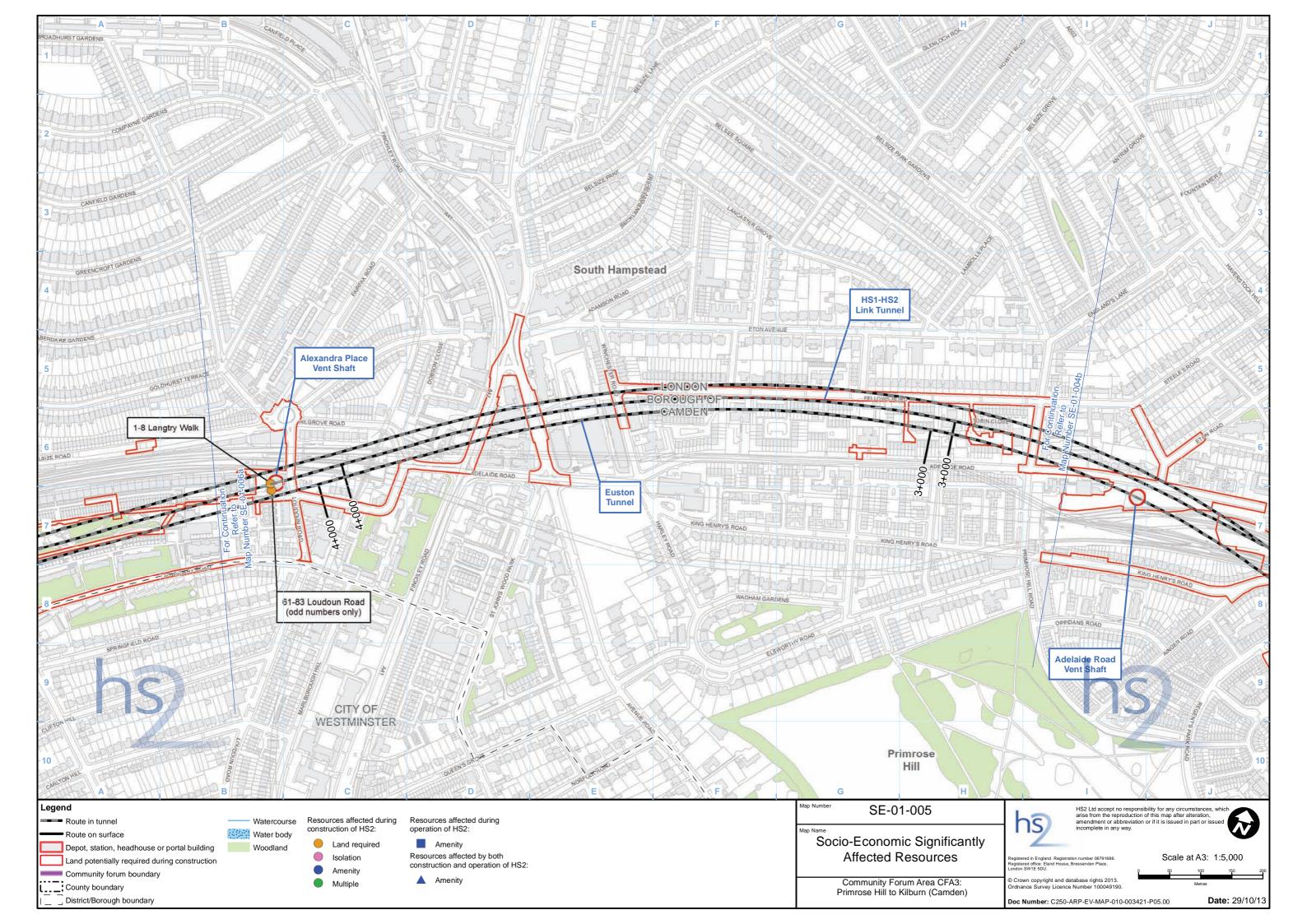


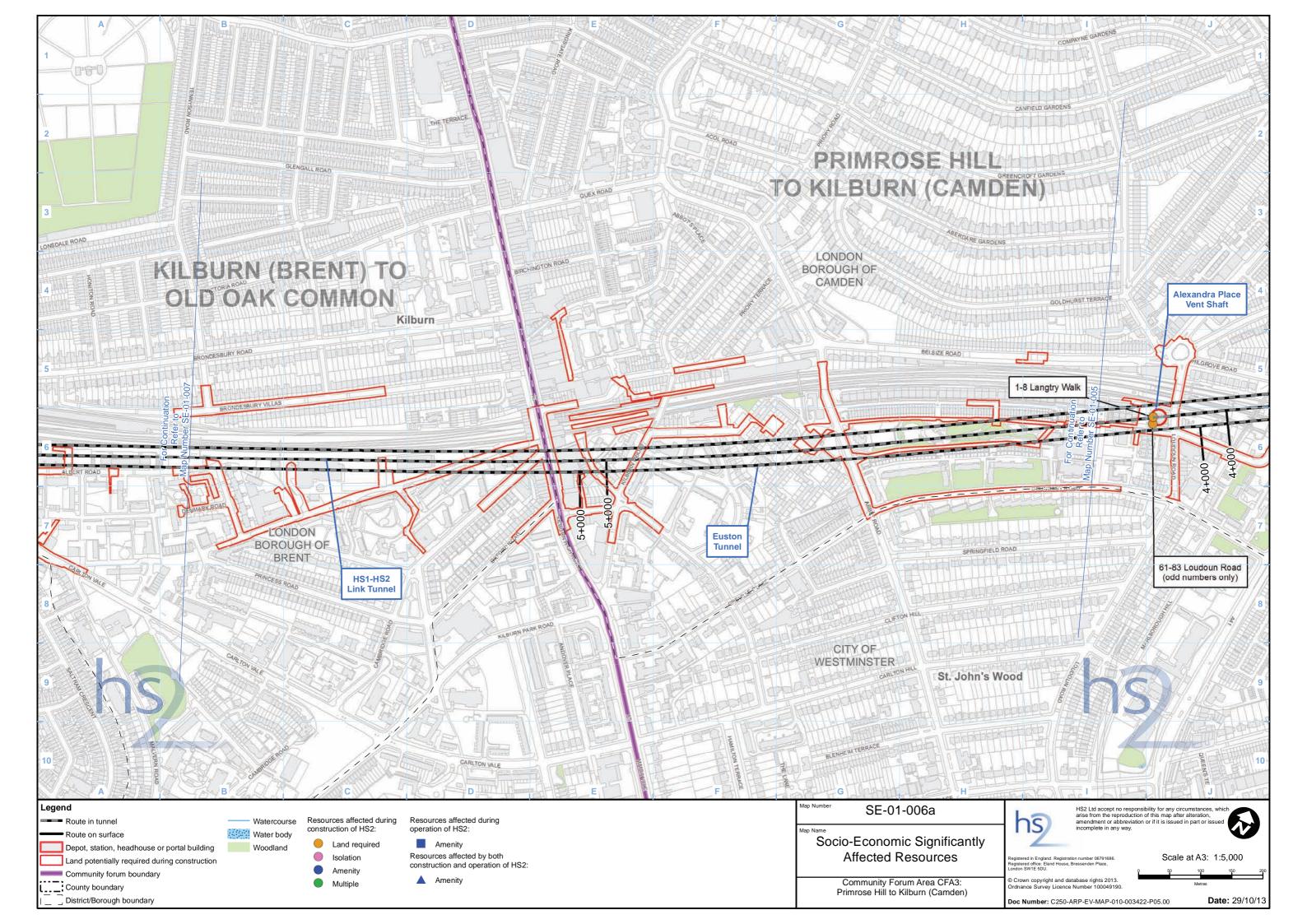
CFA₃ Primrose Hill to Camden (Kilburn)

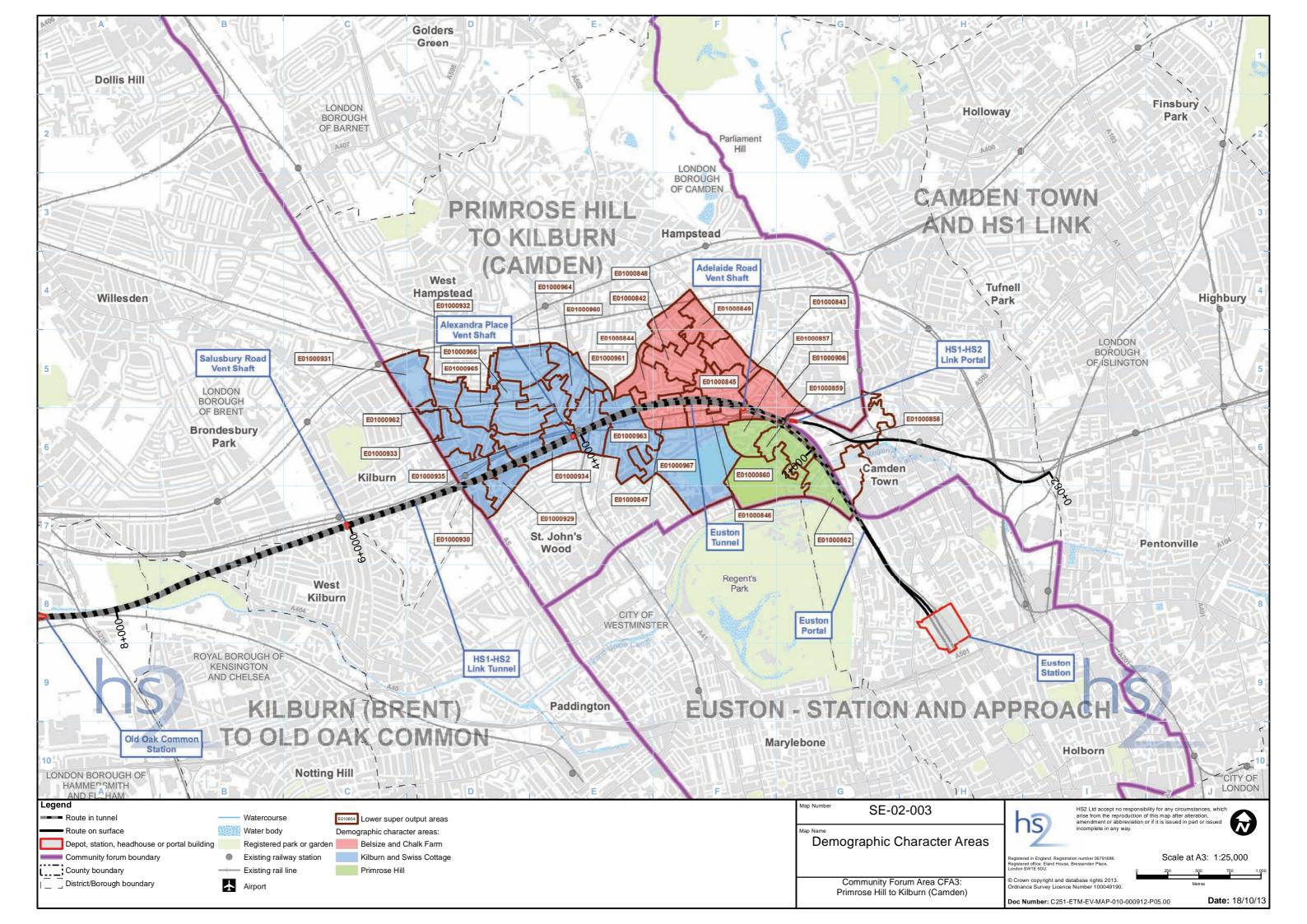
SE-o1 - Socio-Economic Significantly Affected Resources







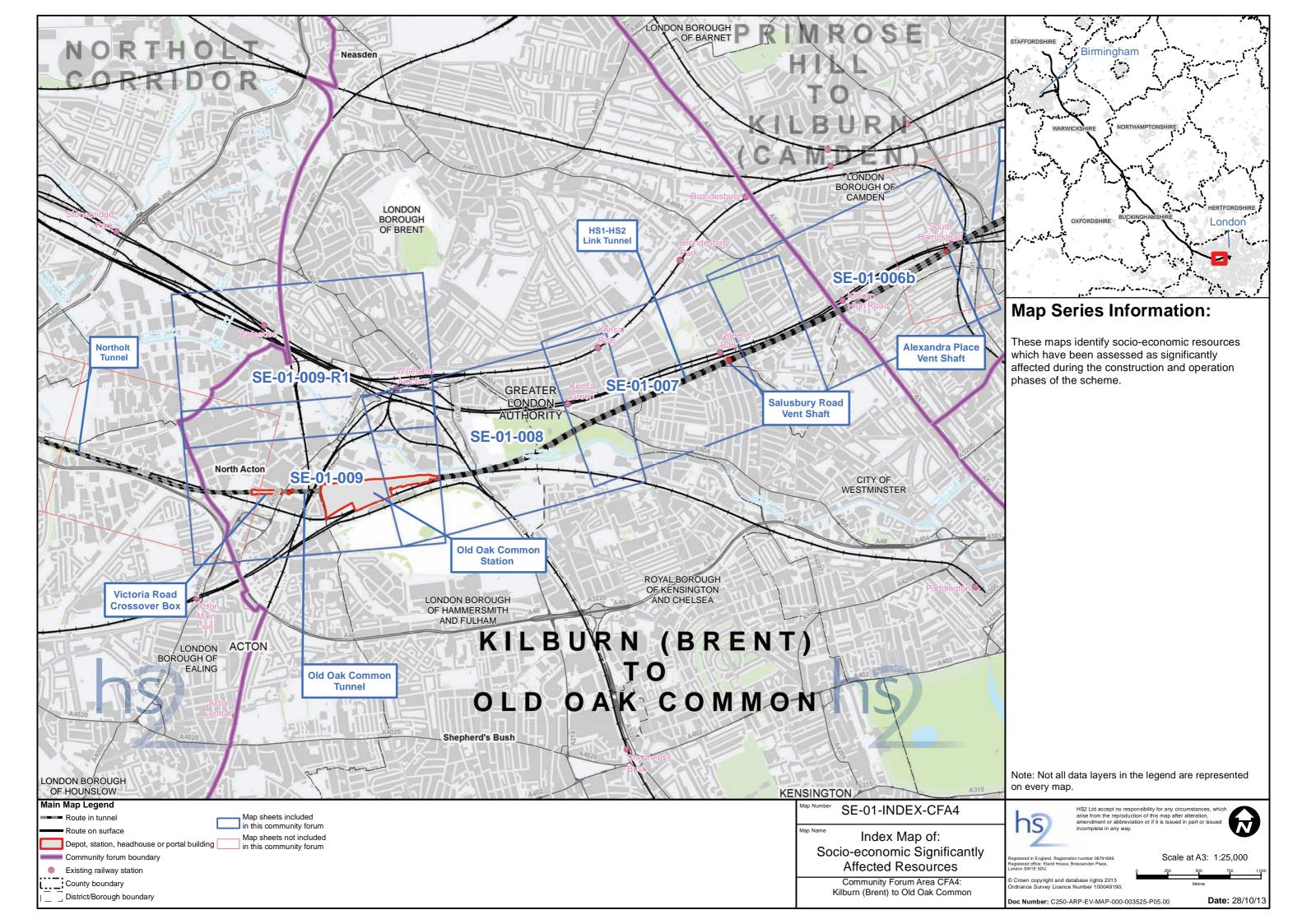


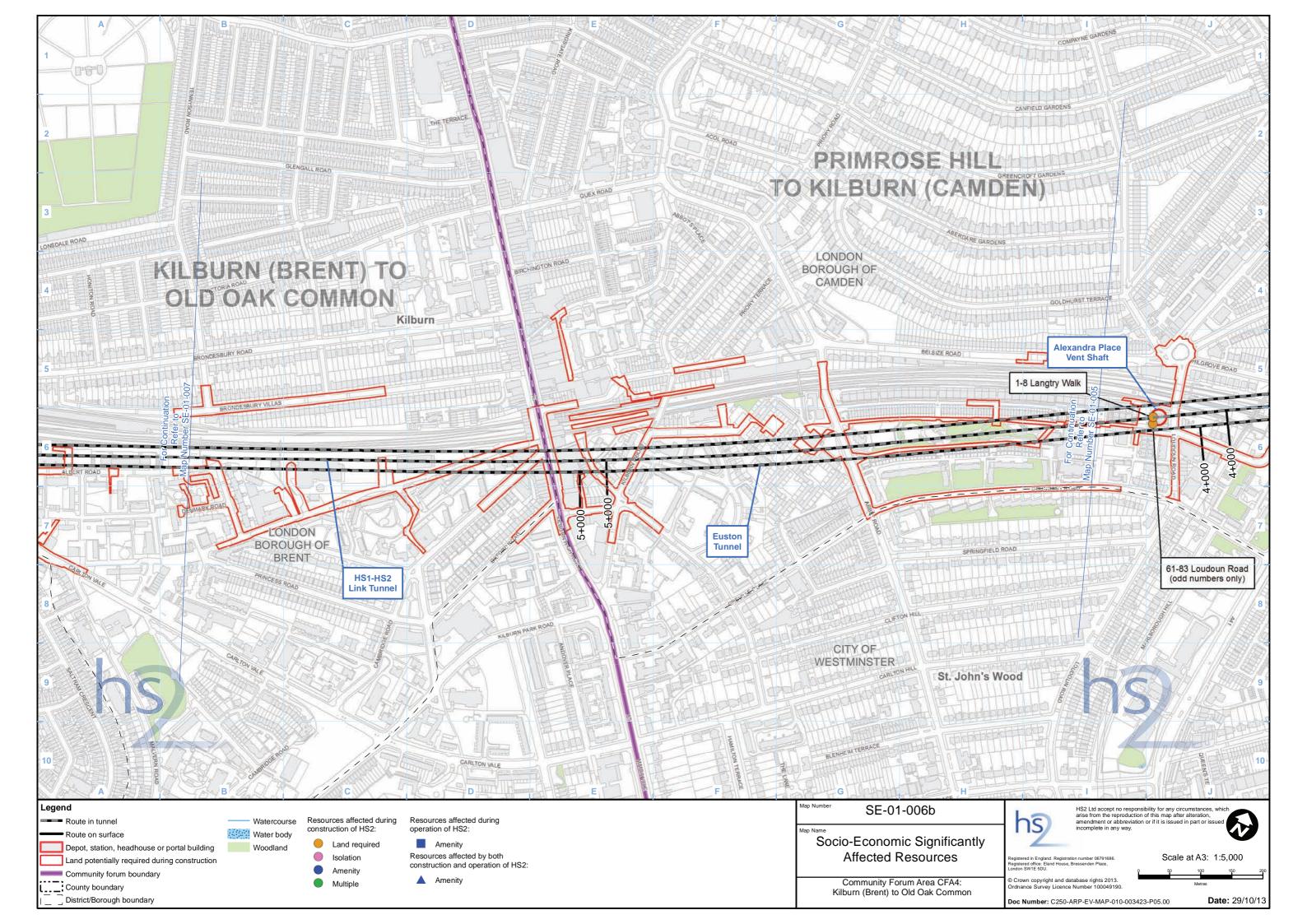


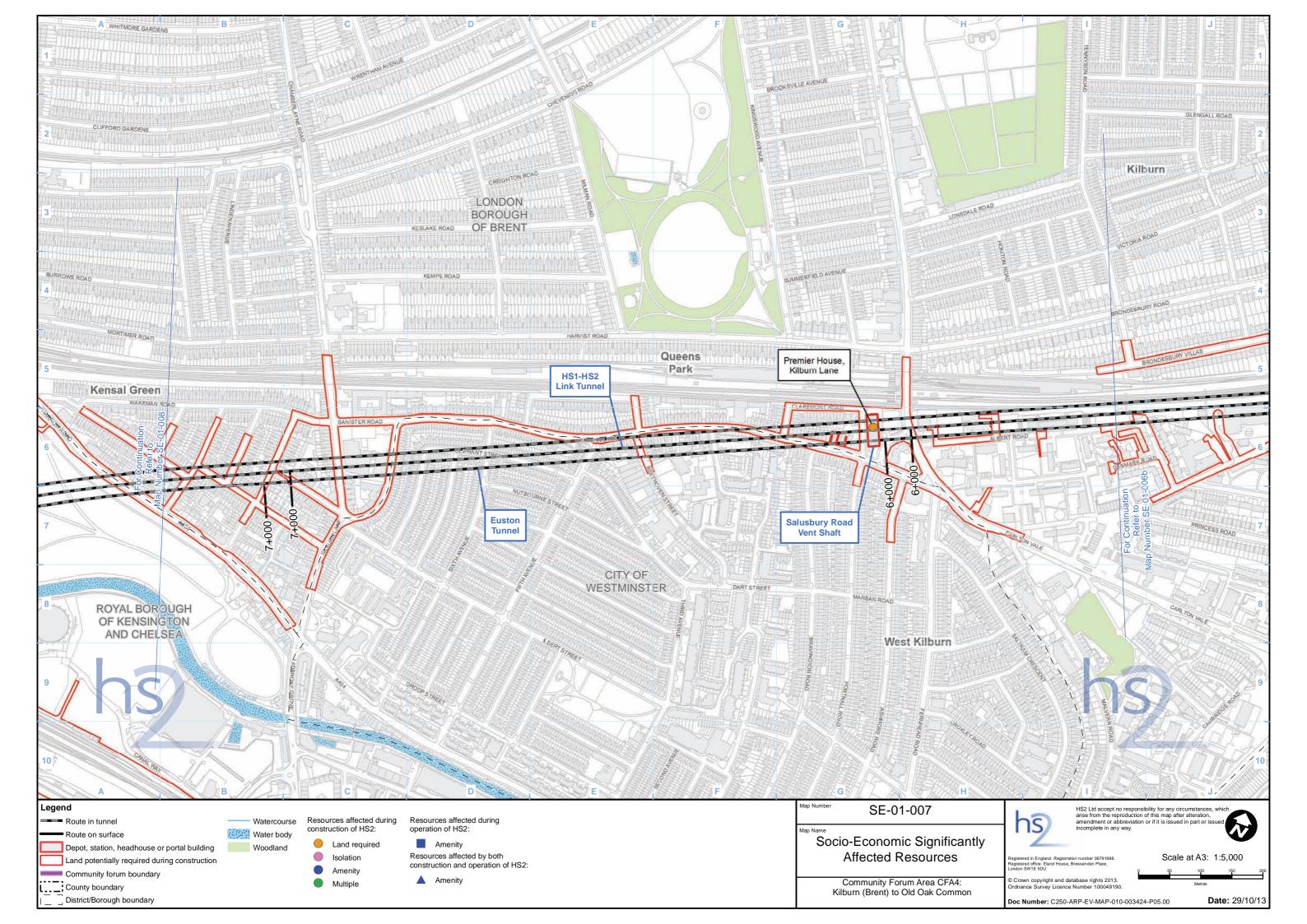


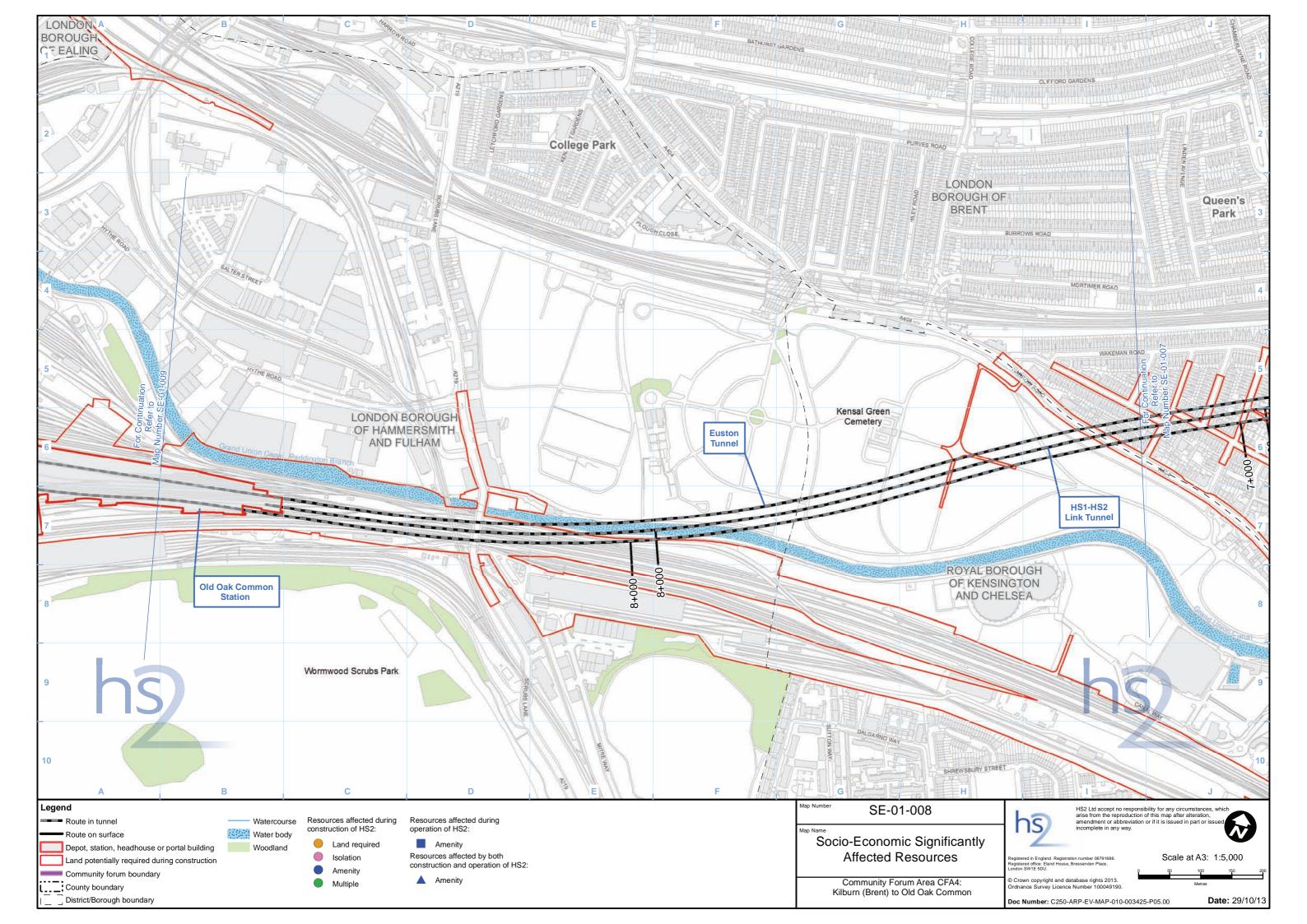
CFA4 Kilburn (Brent) to Old Oak Common

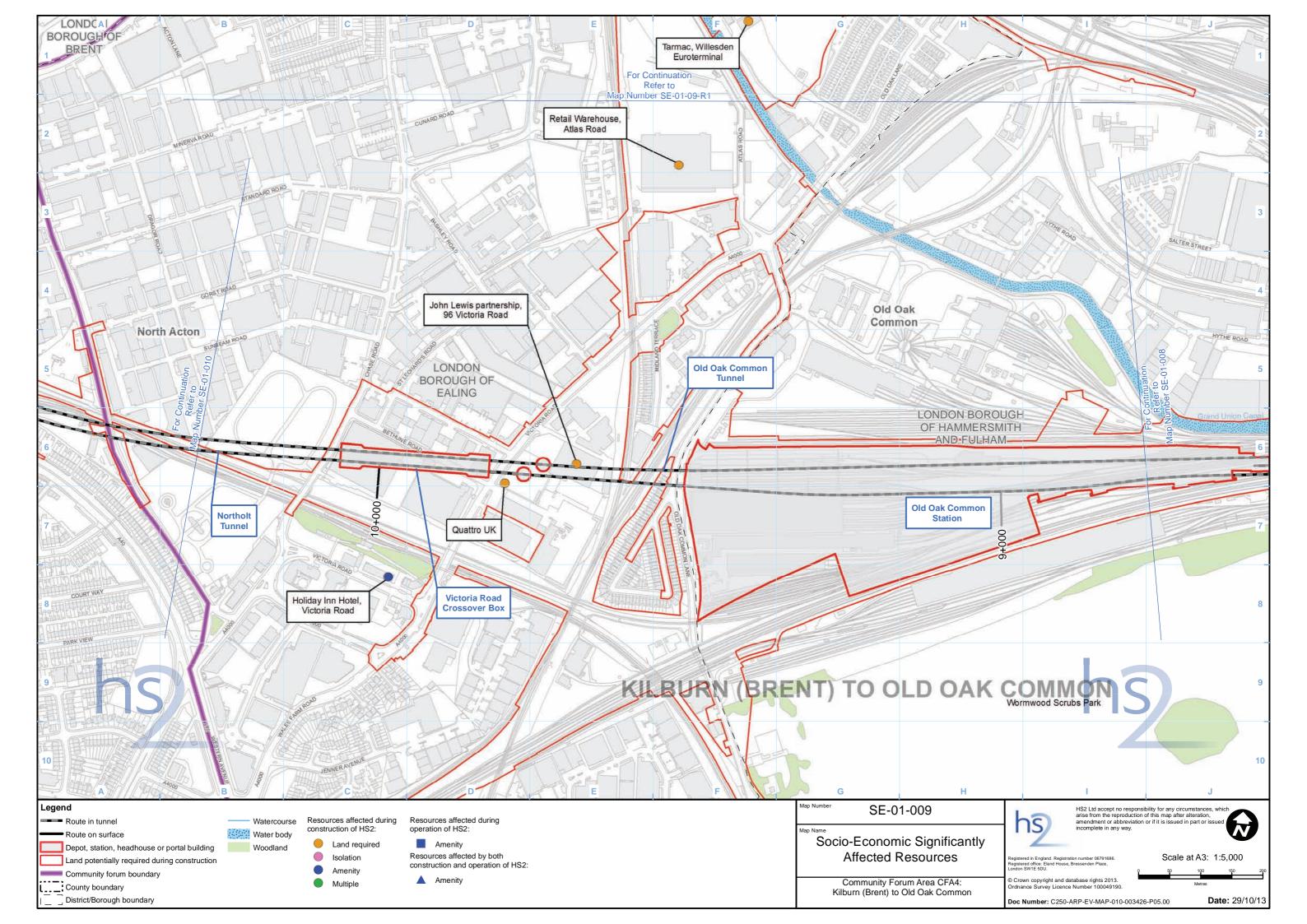
SE-o1 - Socio-Economic Significantly Affected Resources

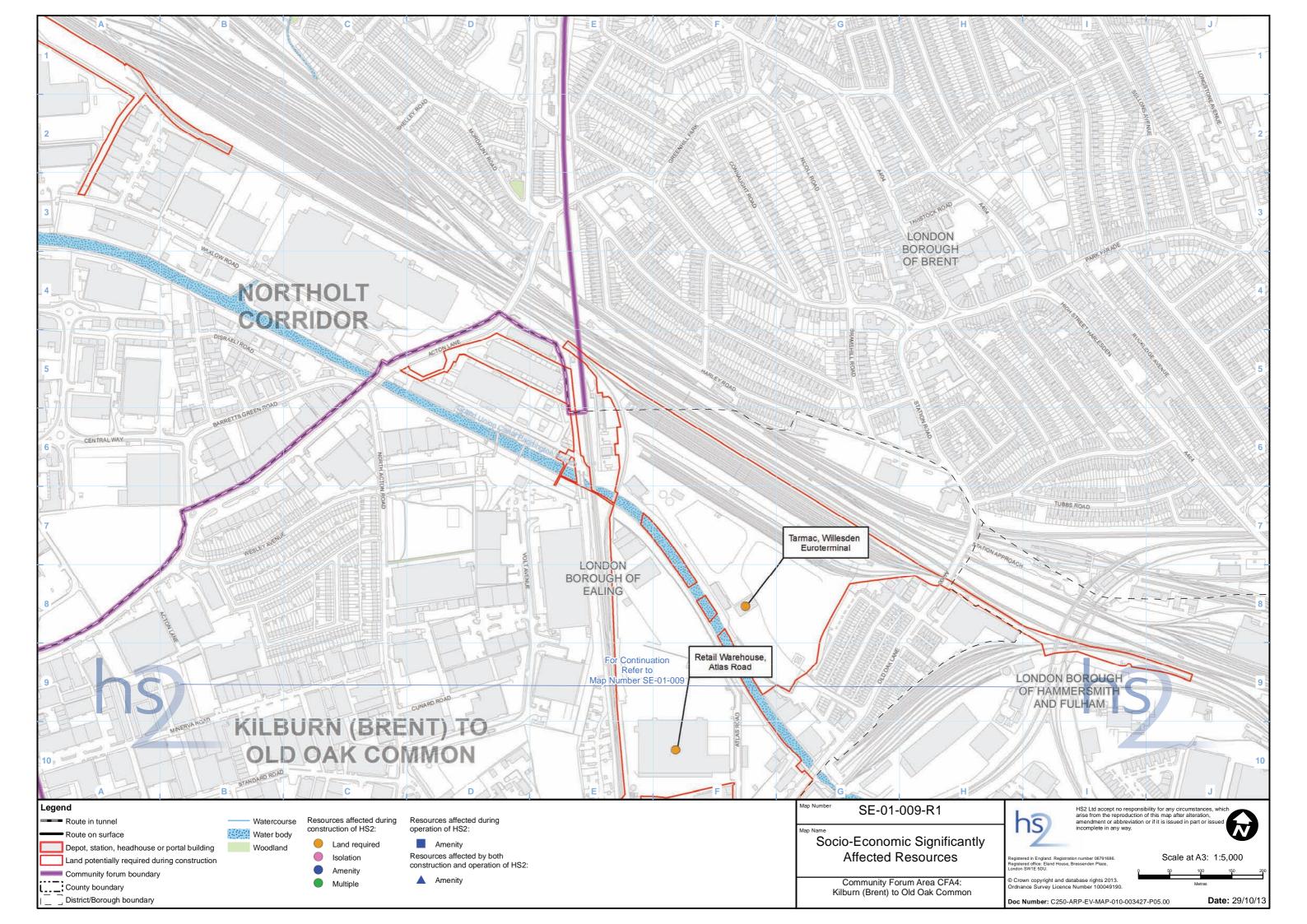


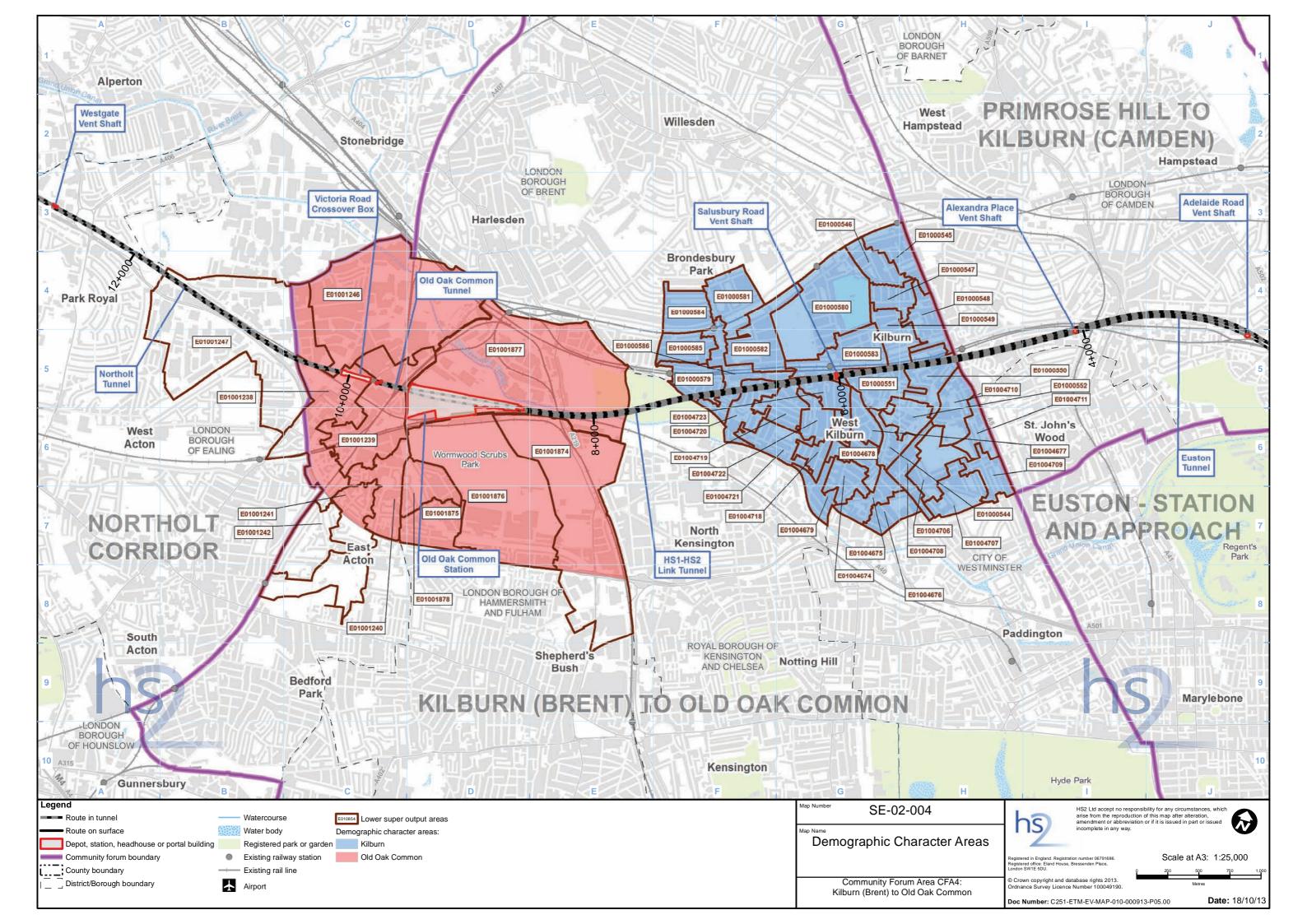






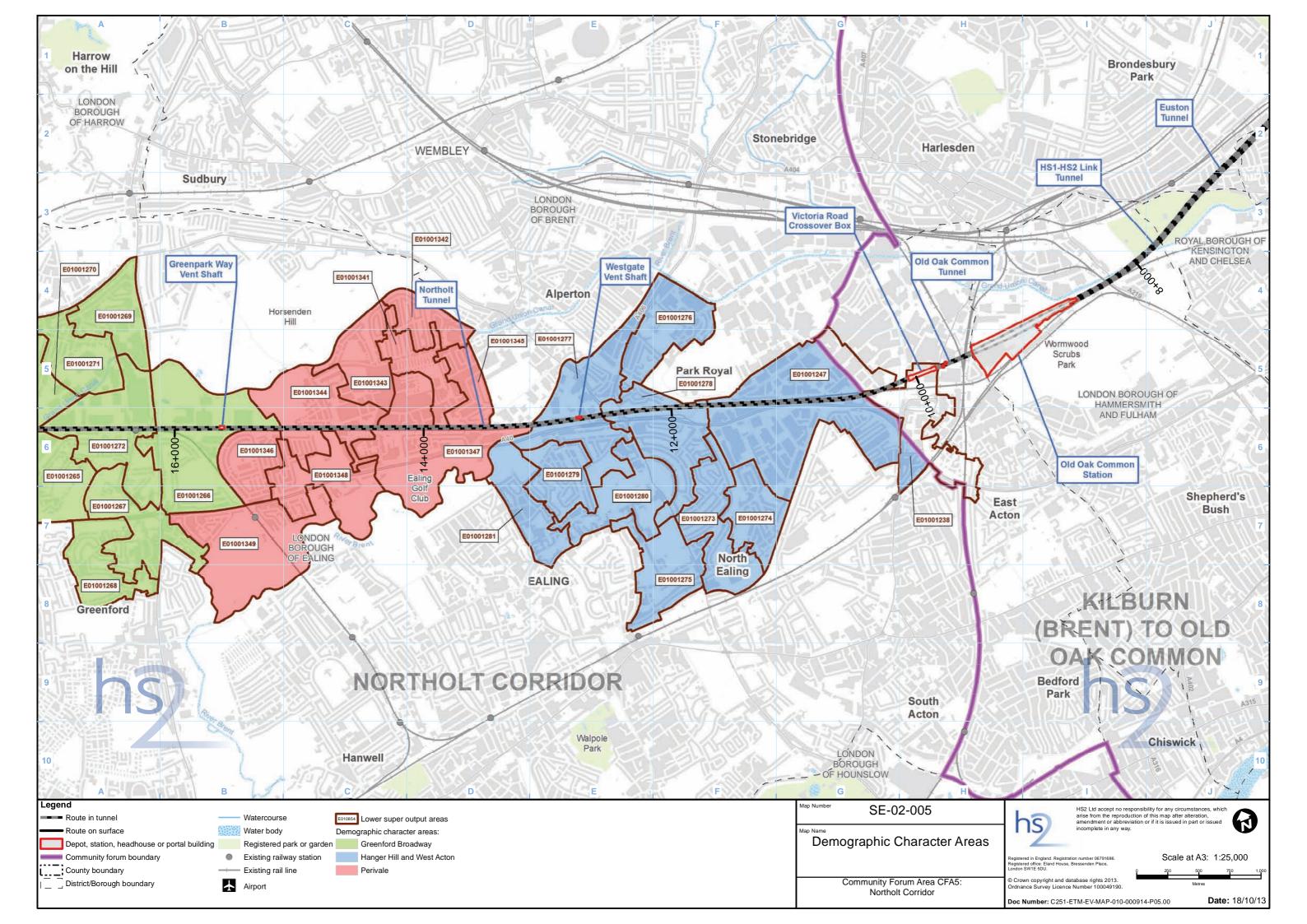


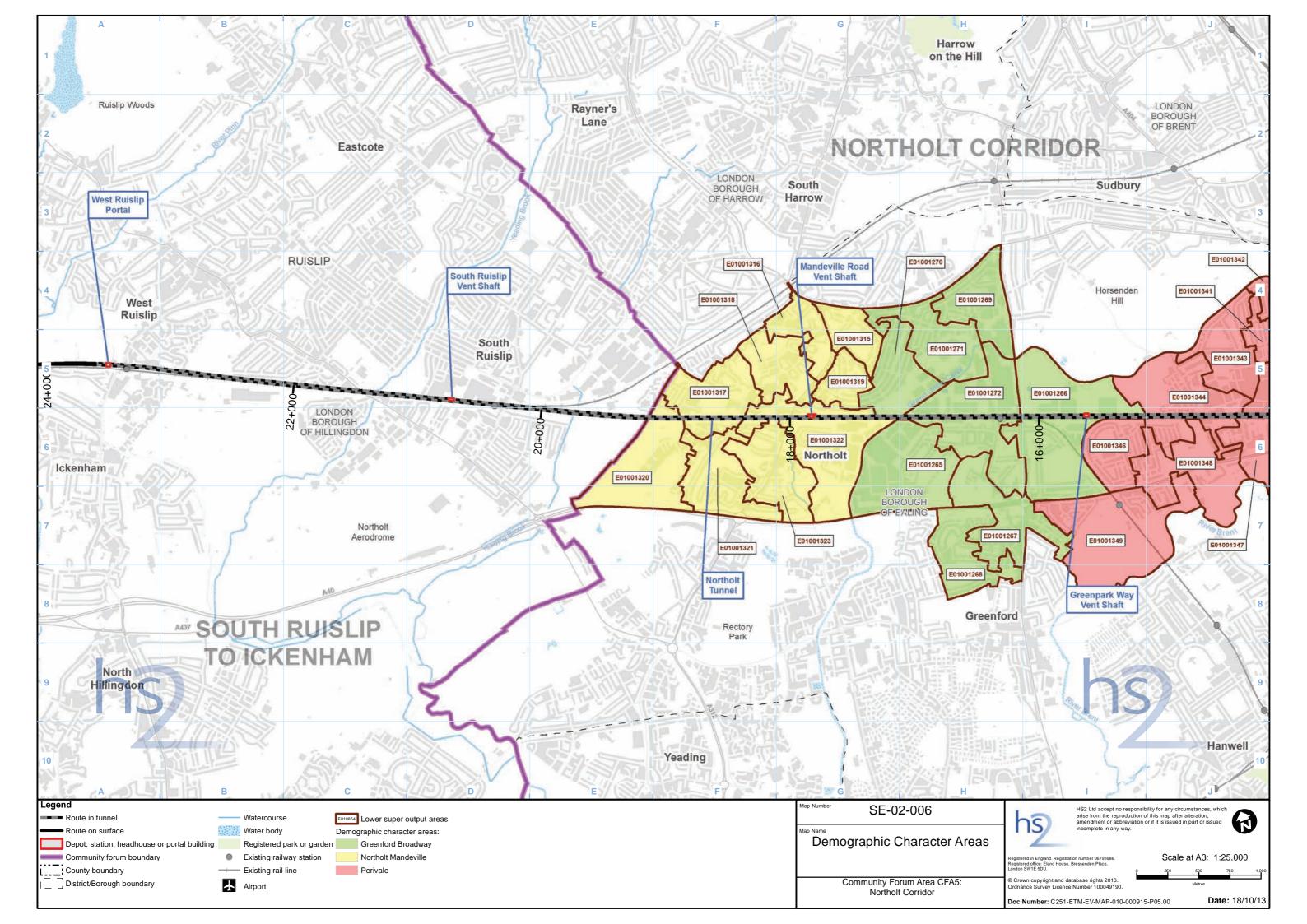






CFA5 | Northolt Corridor

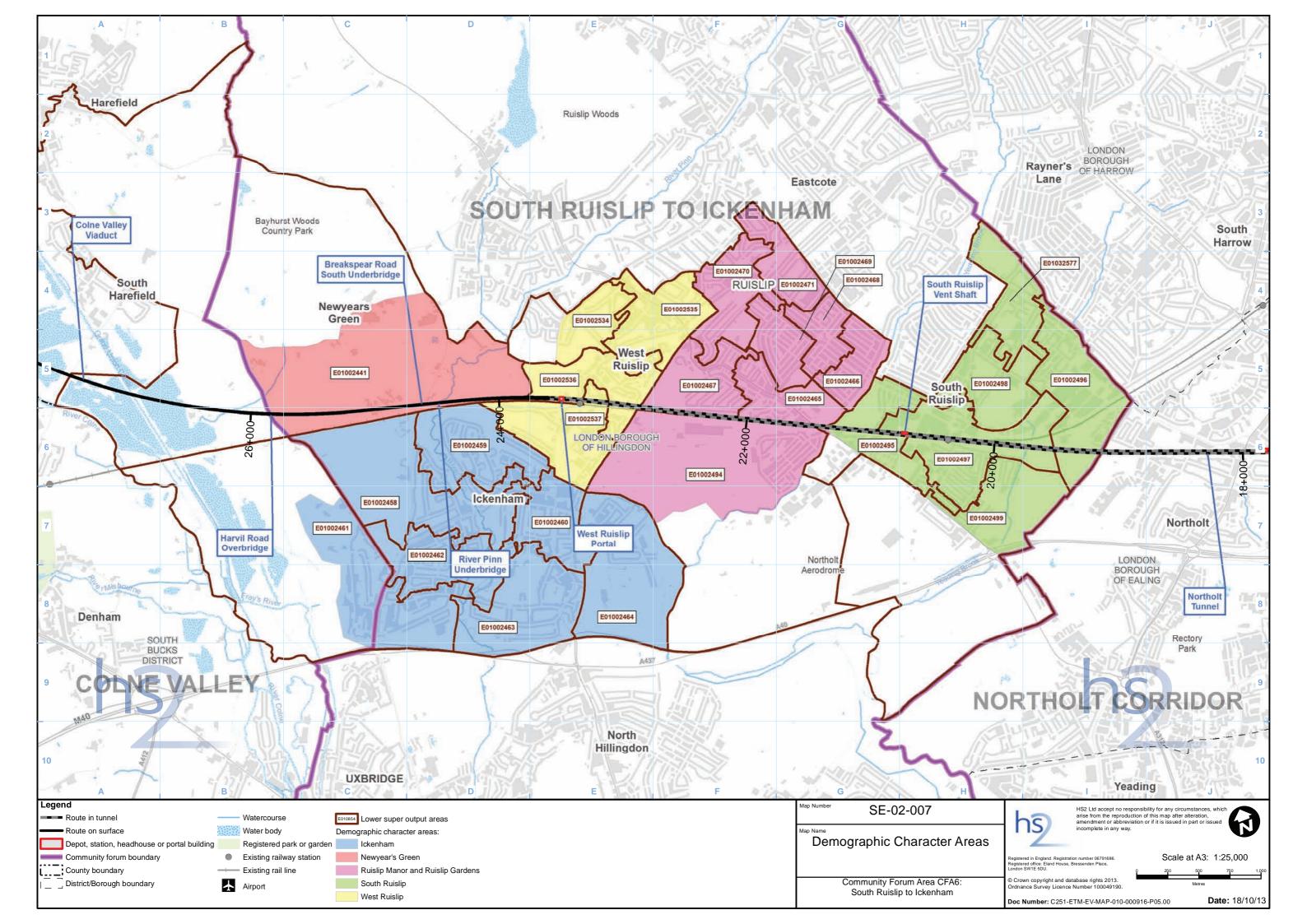




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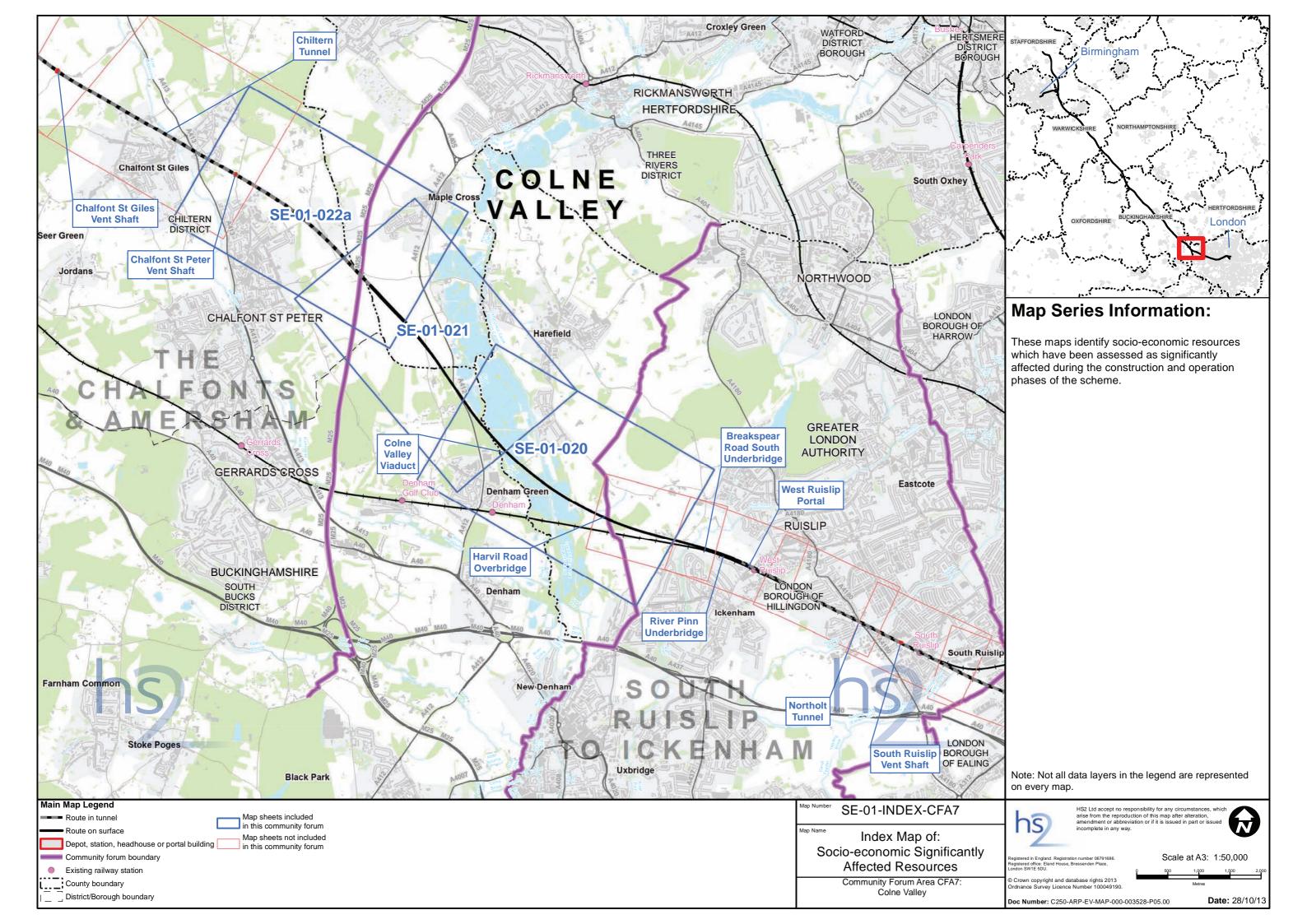
CFA6 | South Ruislip to Ickenham

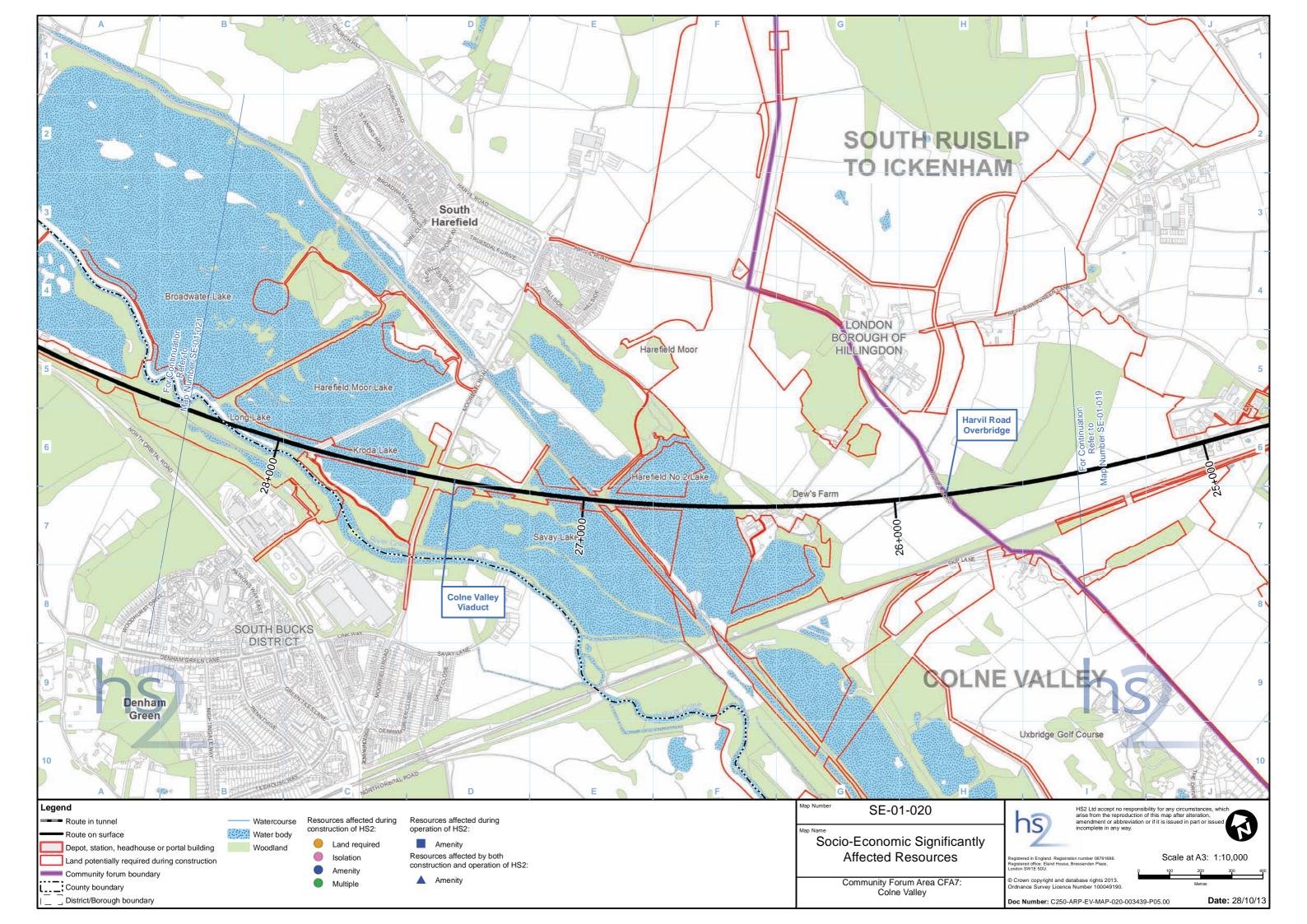


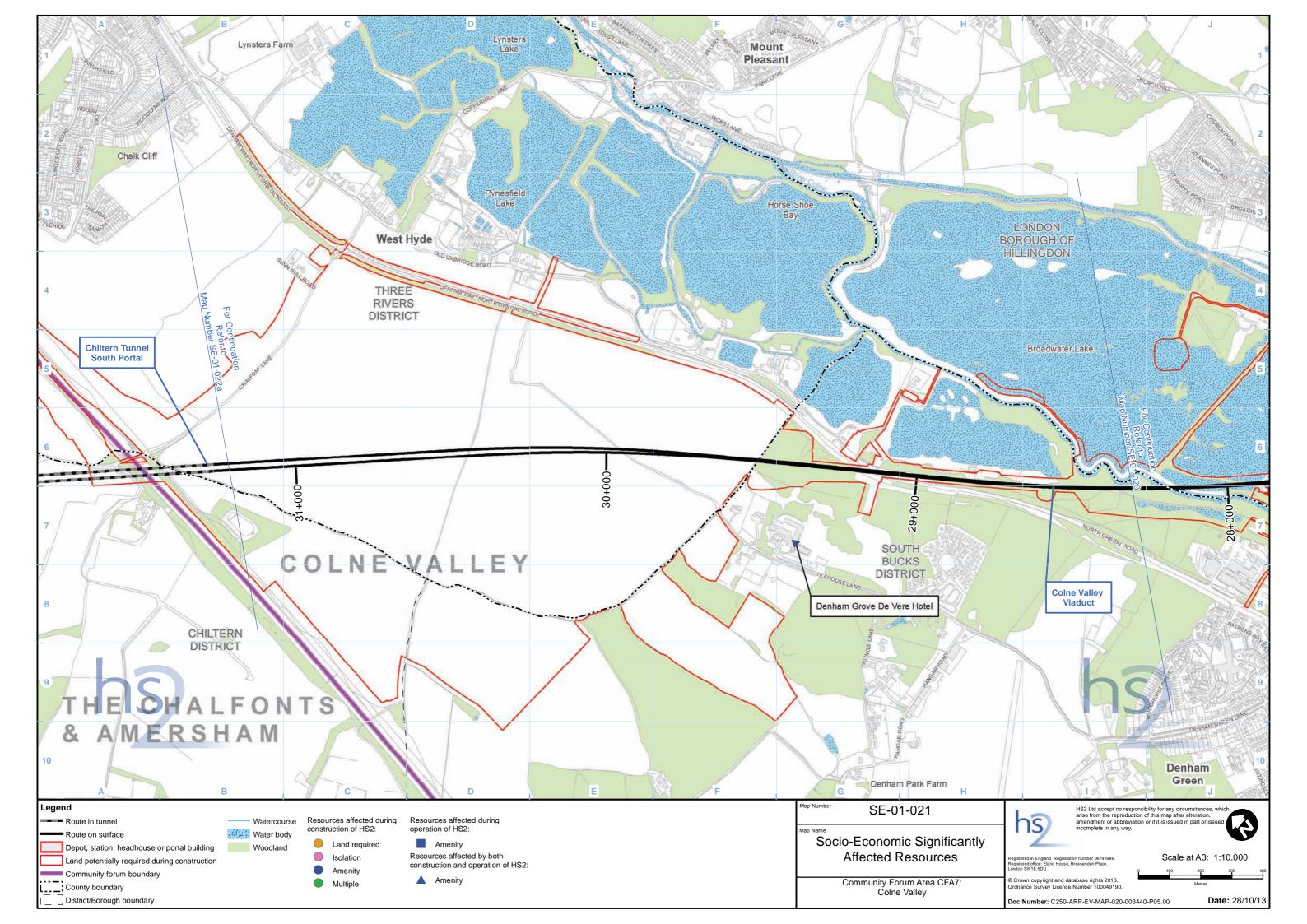


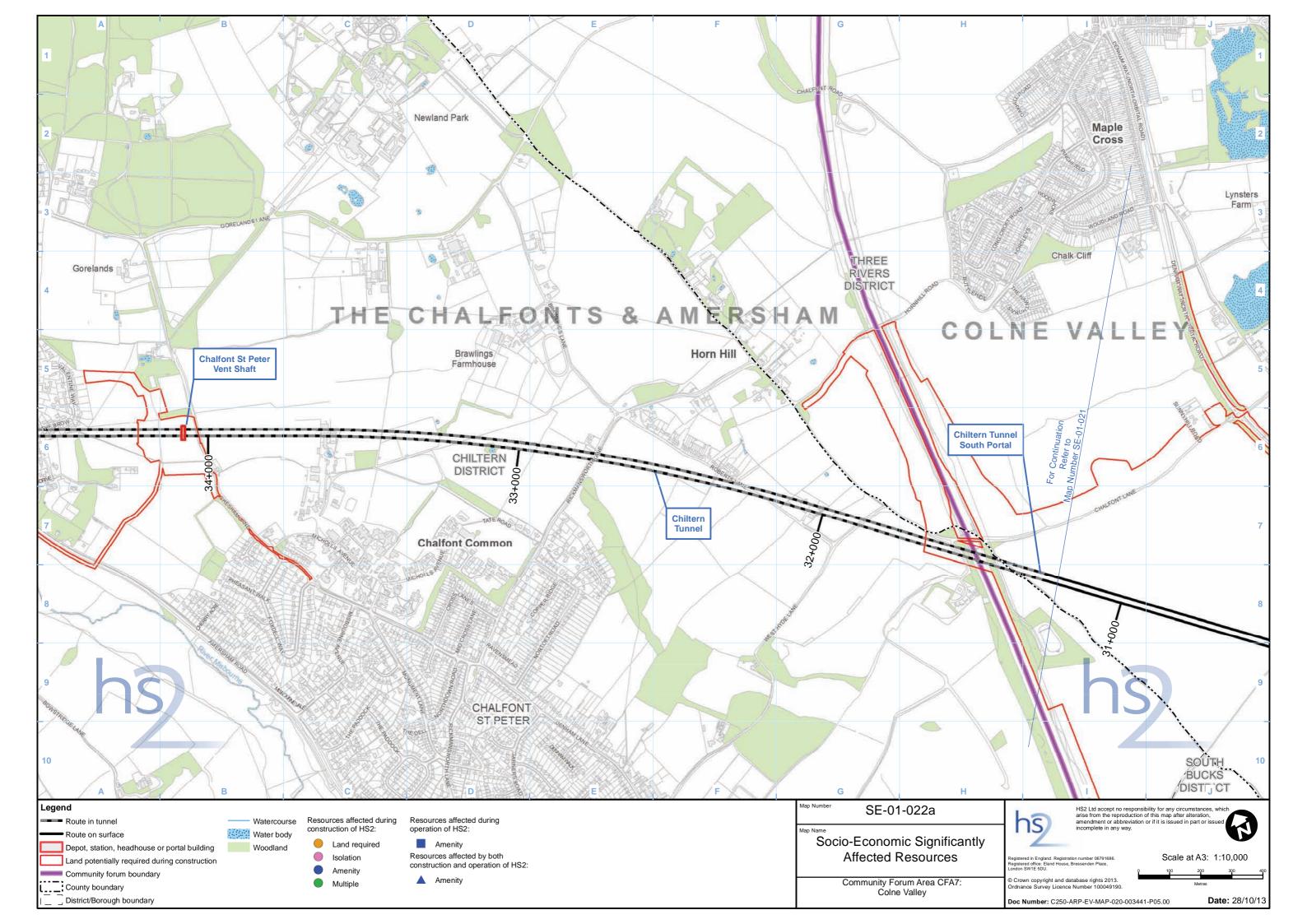
CFA7 | Colne Valley

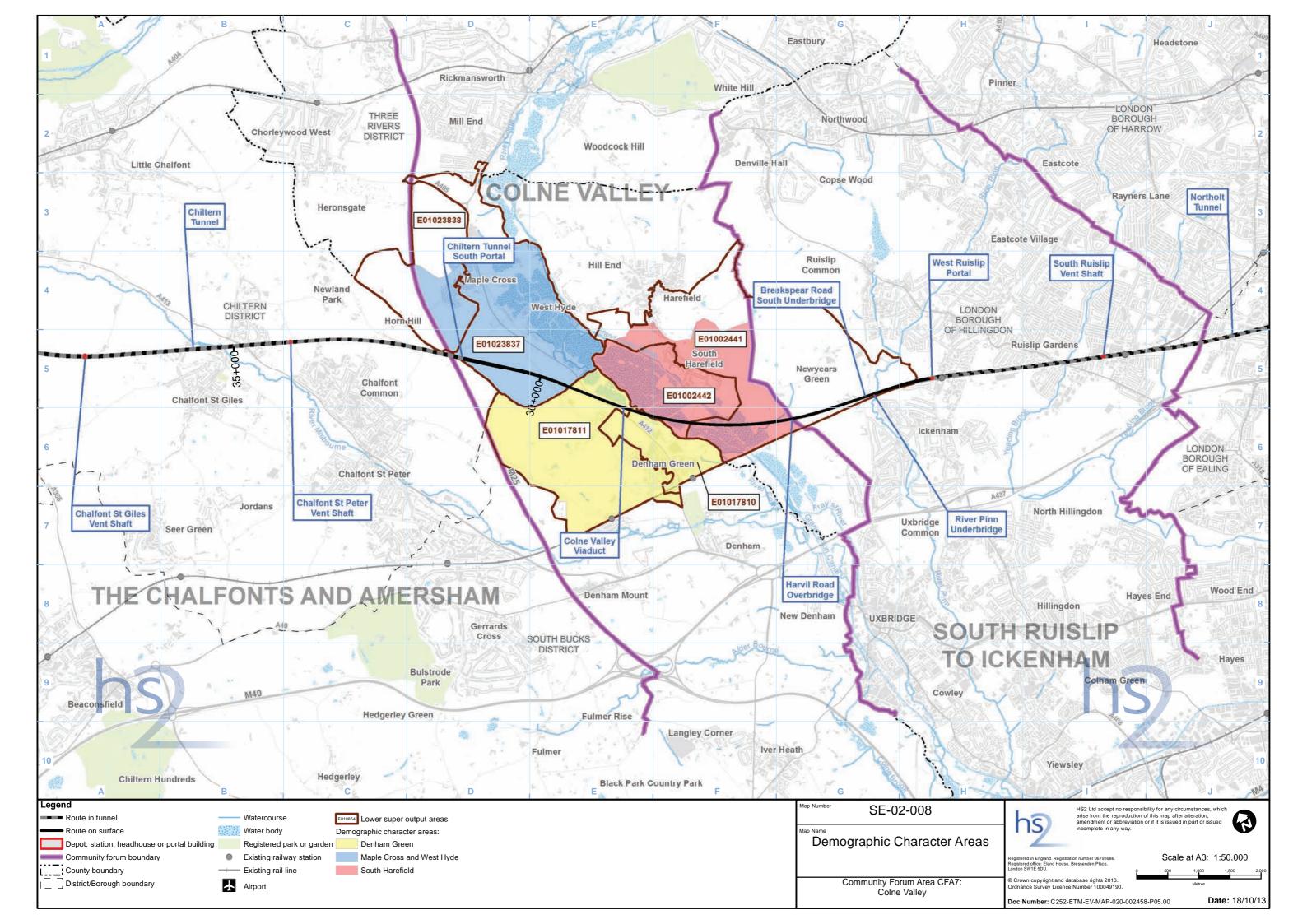
SE-o1 - Socio-Economic Significantly Affected Resources





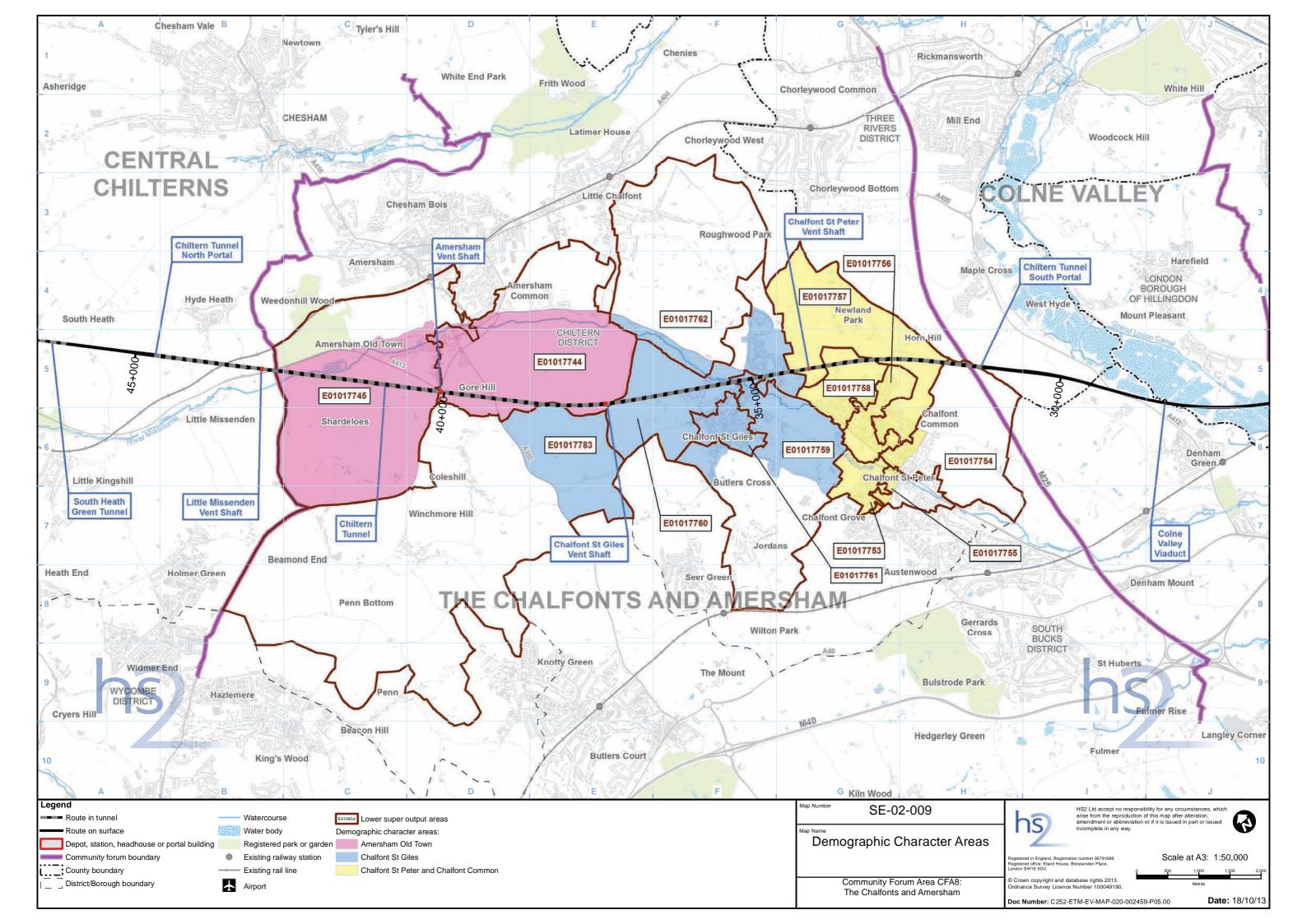






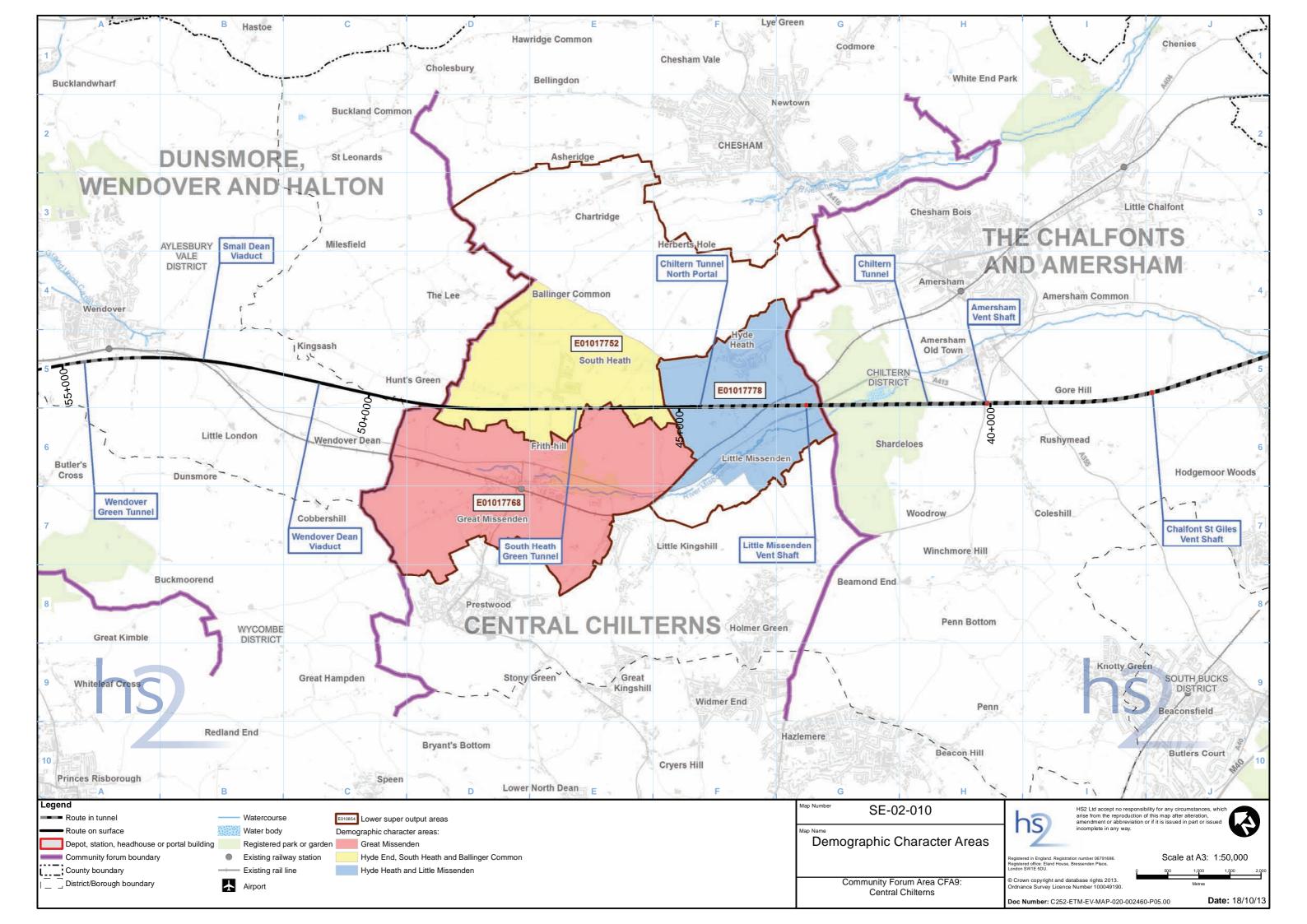


CFA8 The Chalfonts and Amersham



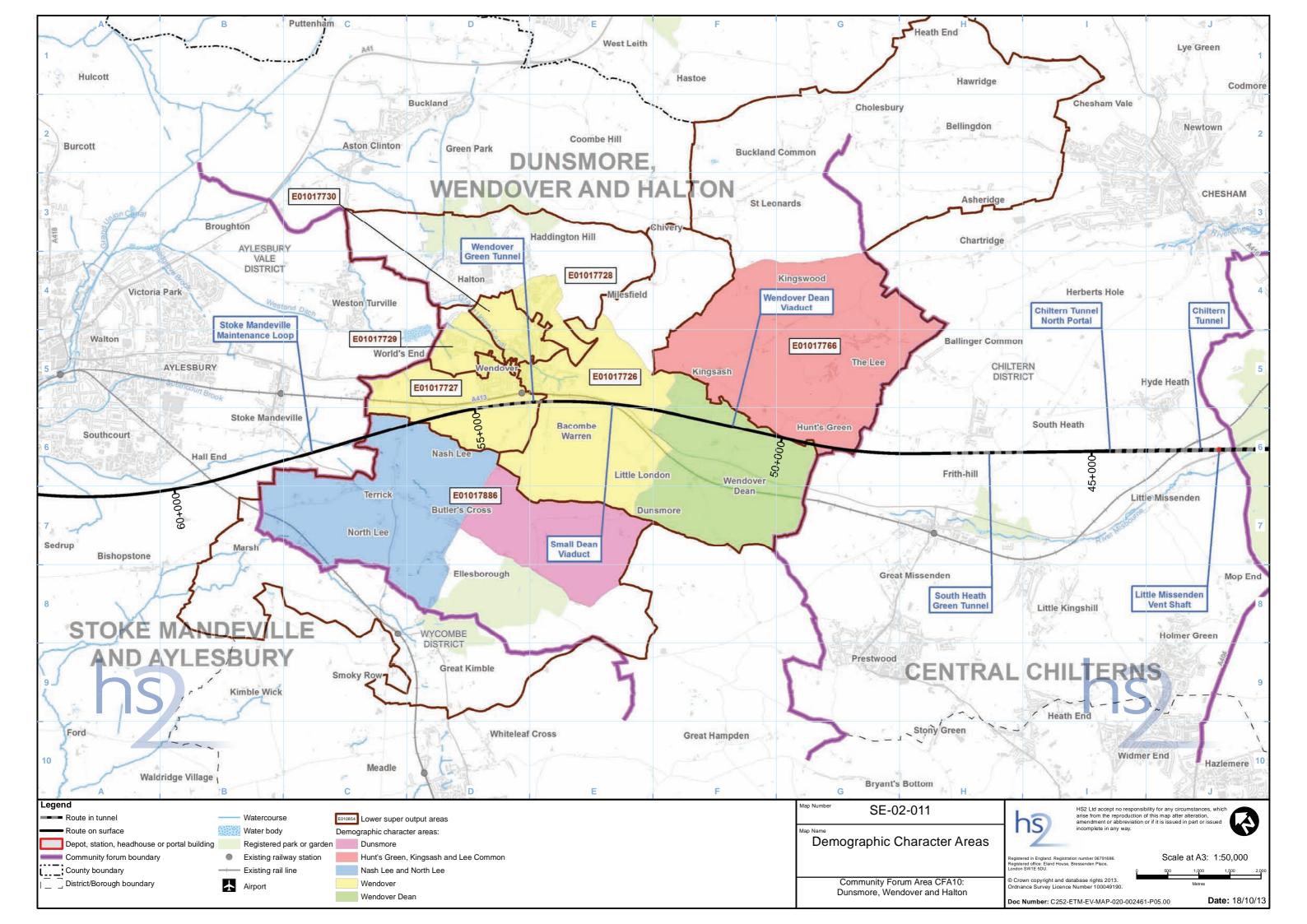


CFA9 | Central Chilterns



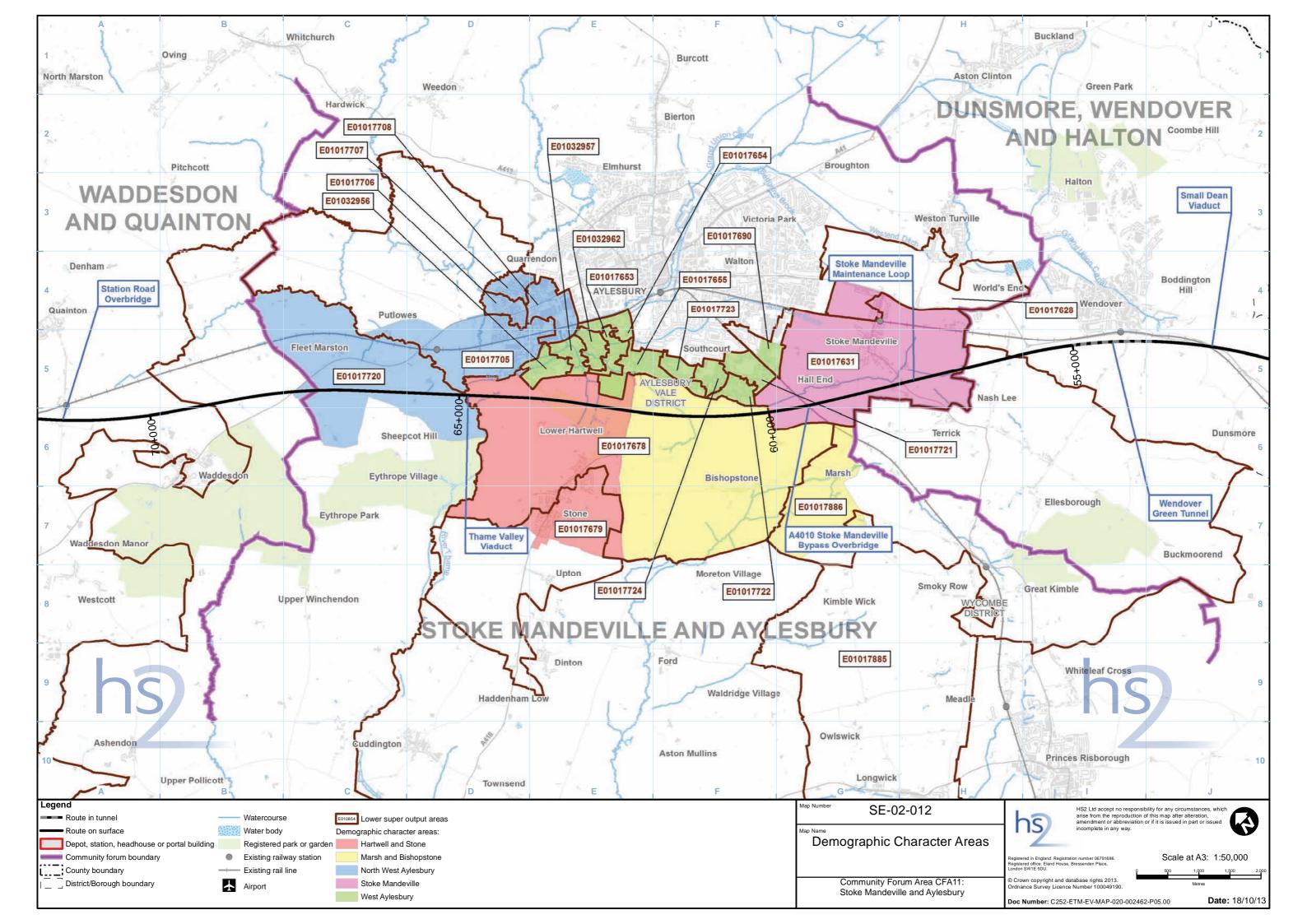


CFA10 | Dunsmore, Wendover and Halton SE-02 - Demographic Character Areas



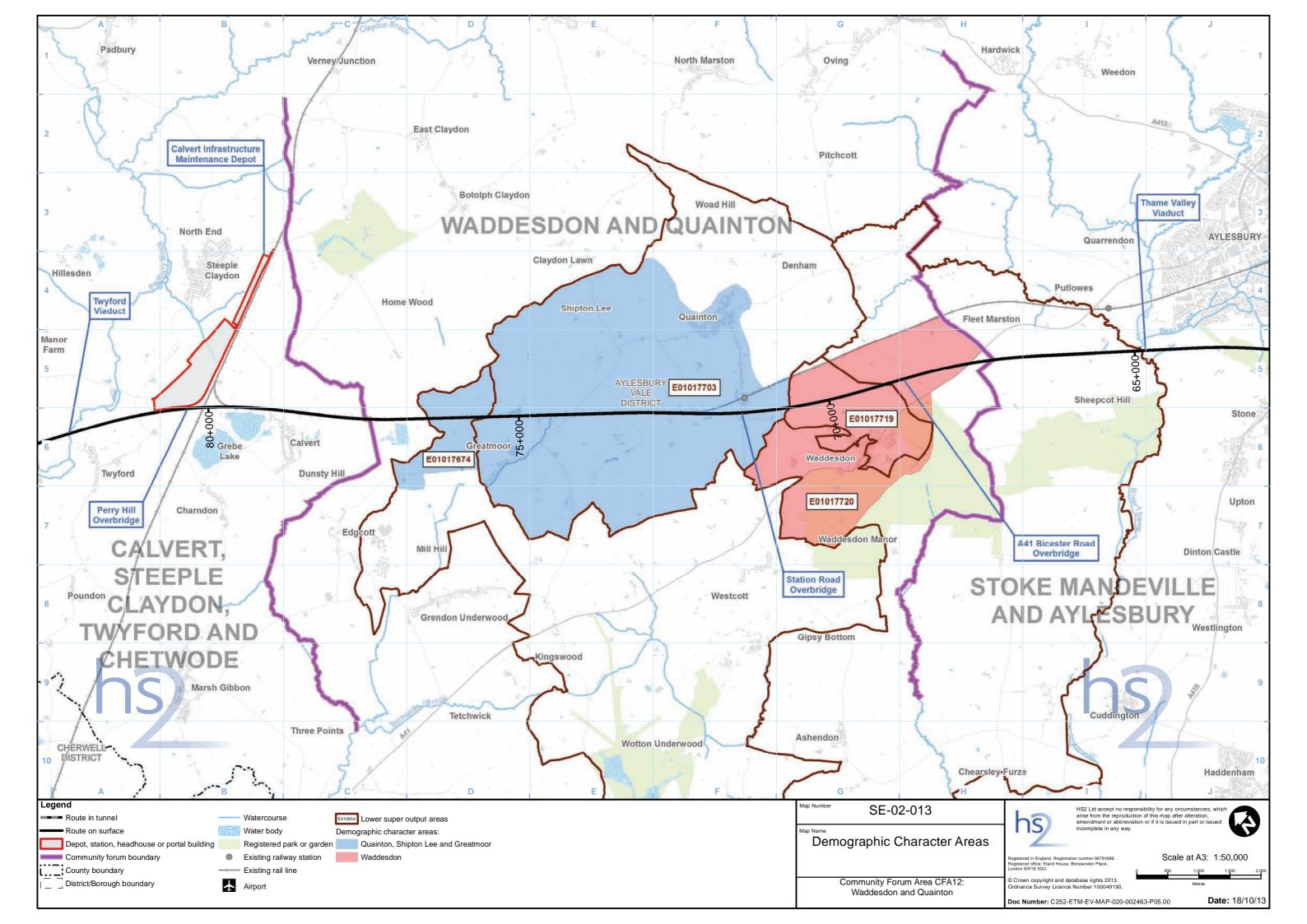


CFA11 | Stoke Mandeville and Aylesbury



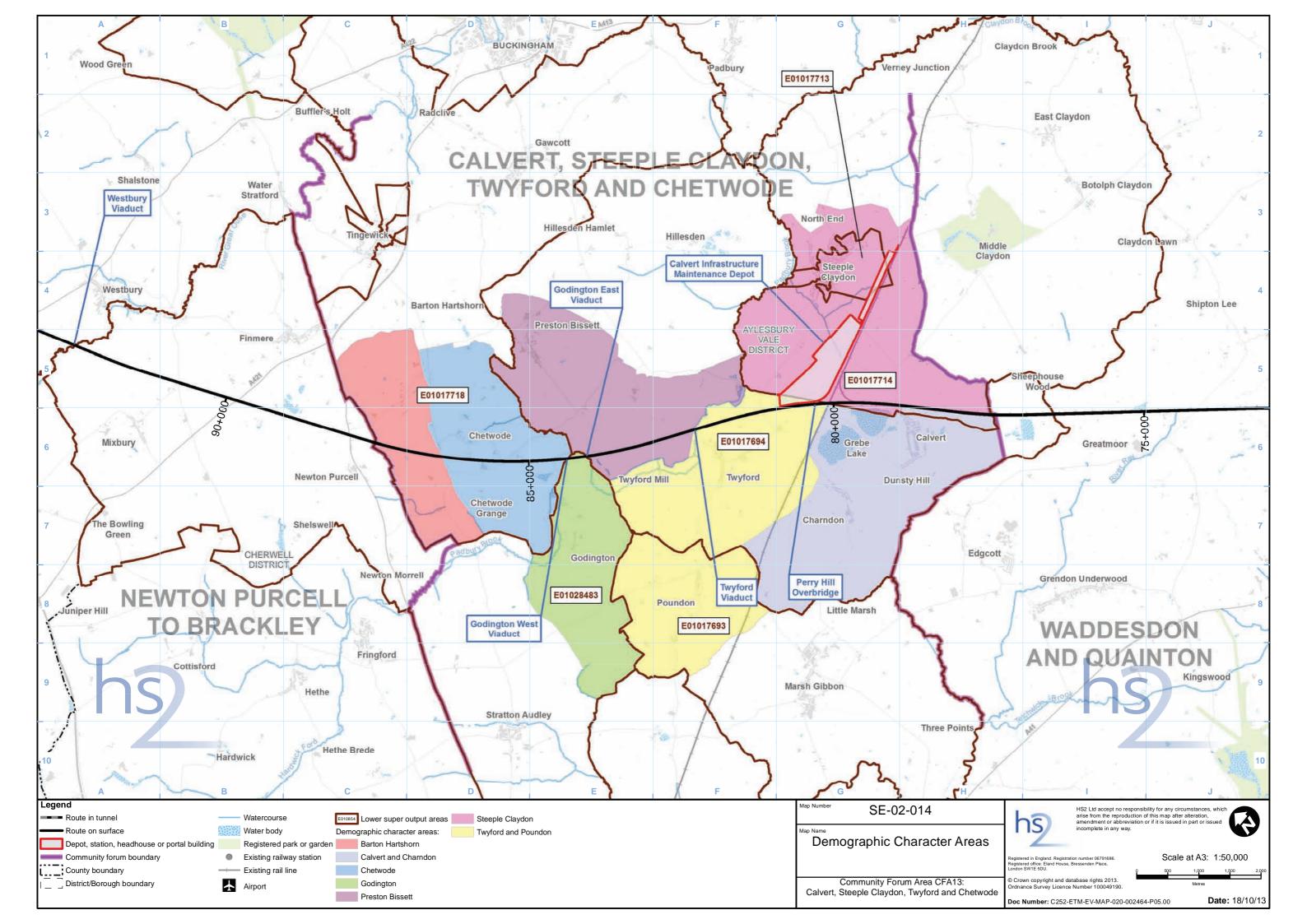


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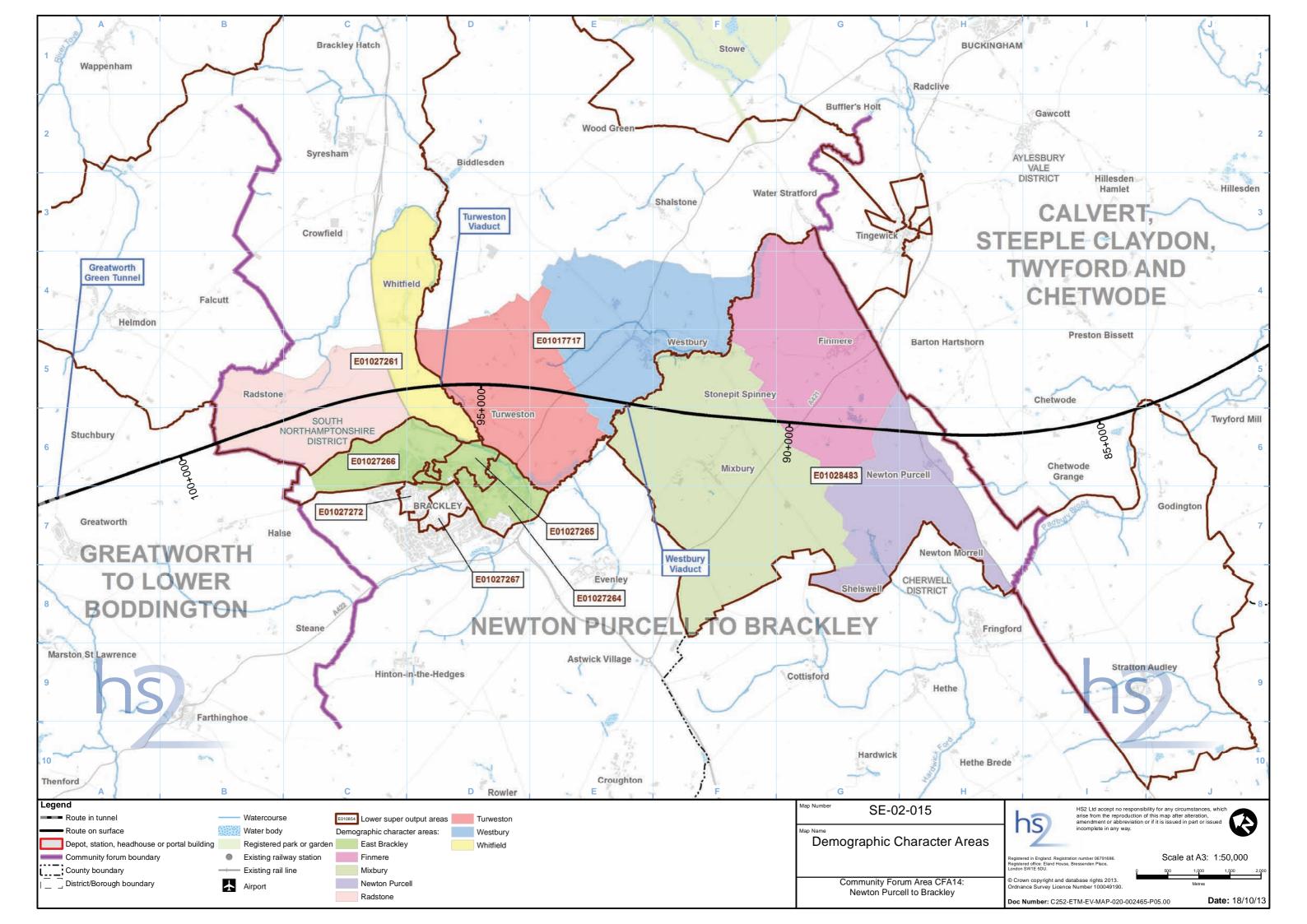


CFA₁₃ | Calvert, Steeple Claydon, Twyford and Chetwode SE-₀₂ - Demographic Character Areas





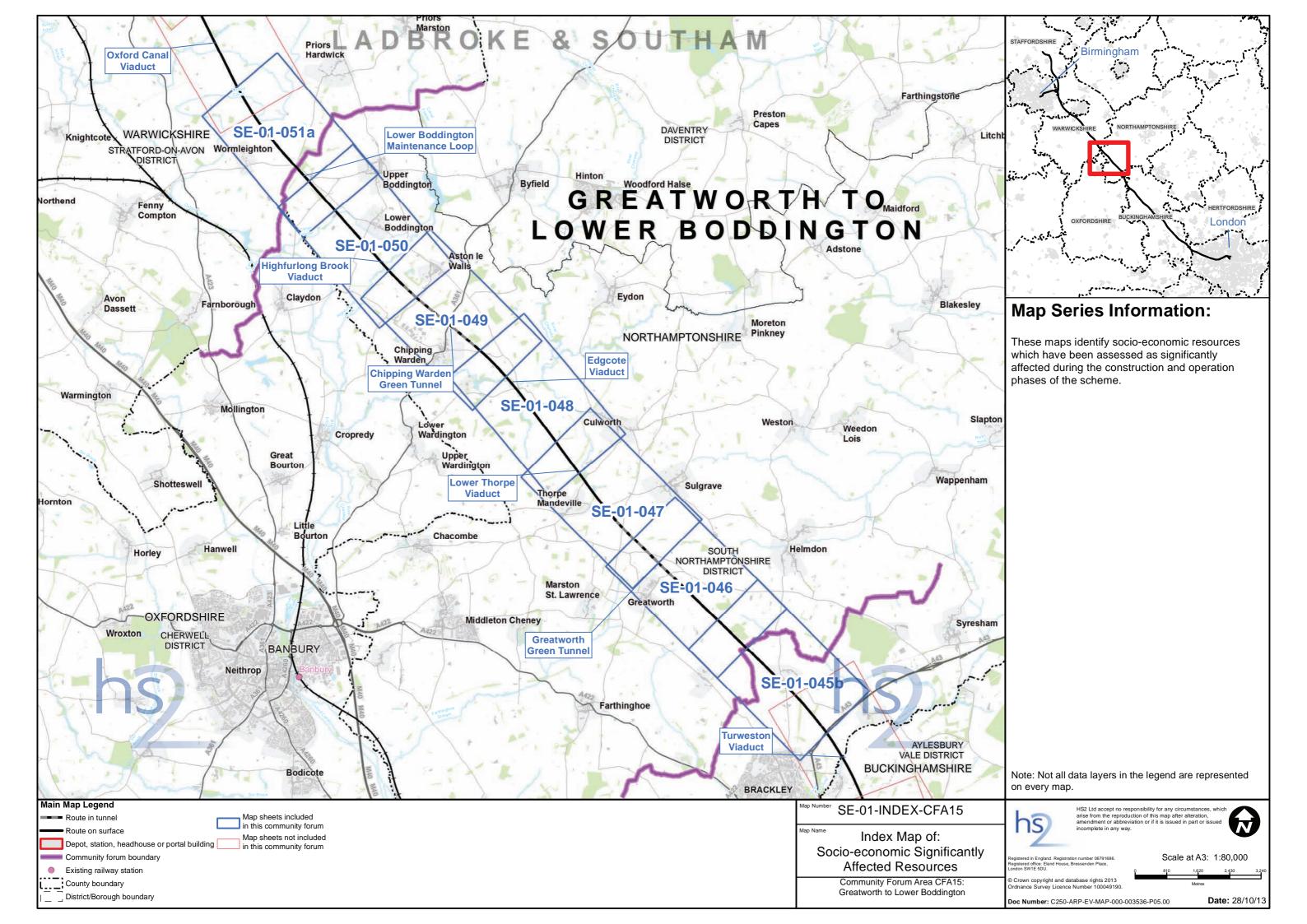
CFA14 | Newton Purcell to Brackley

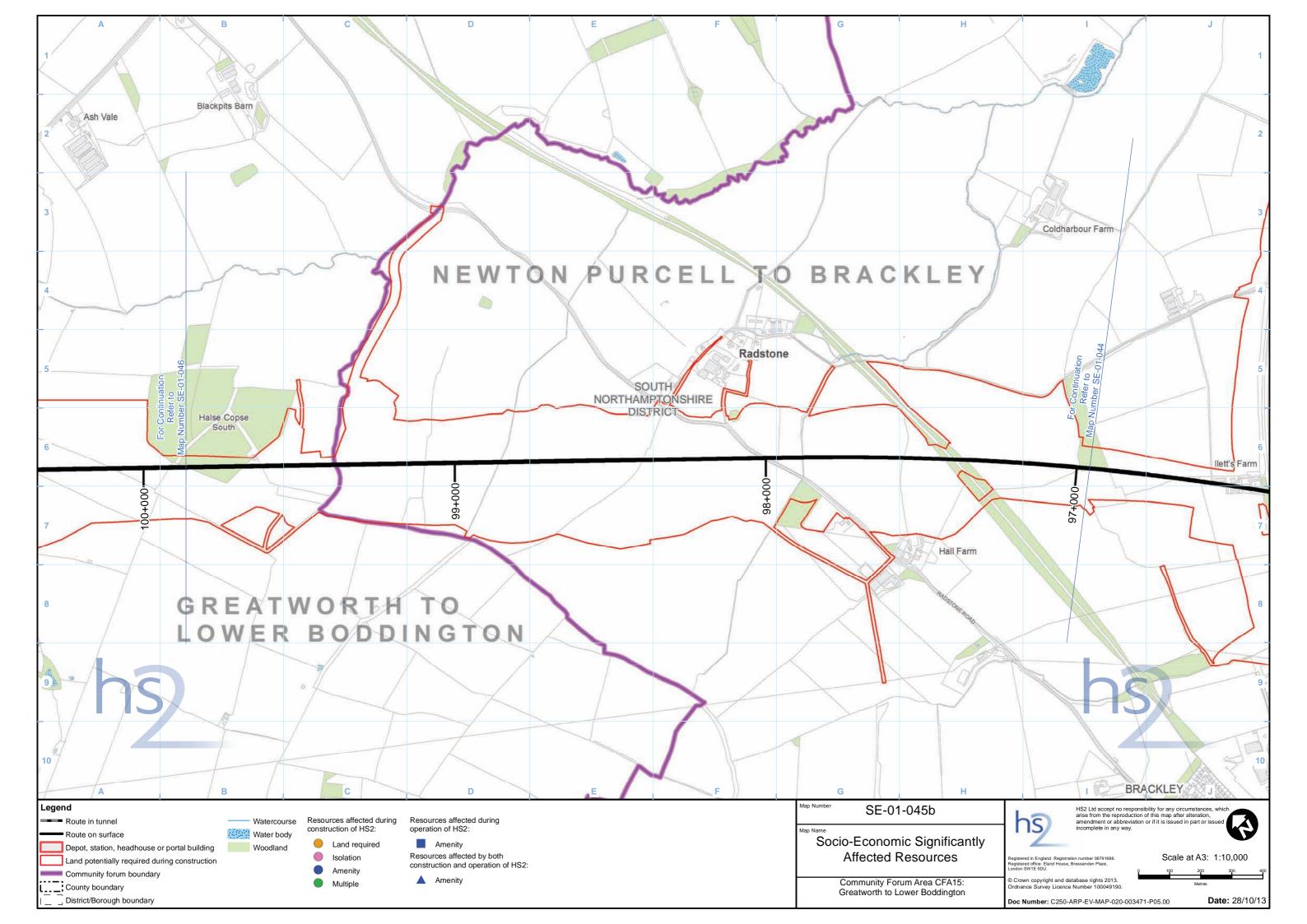


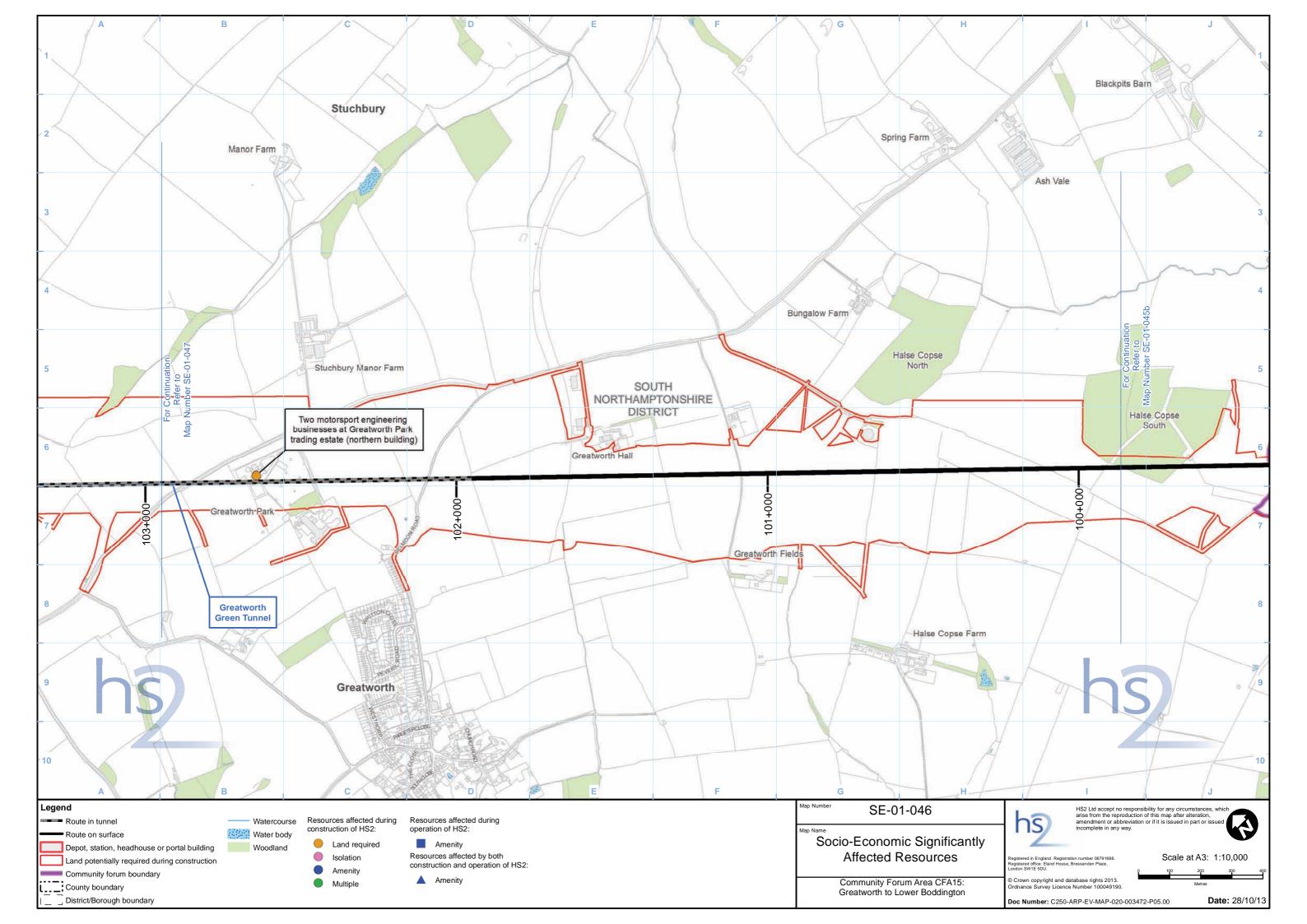


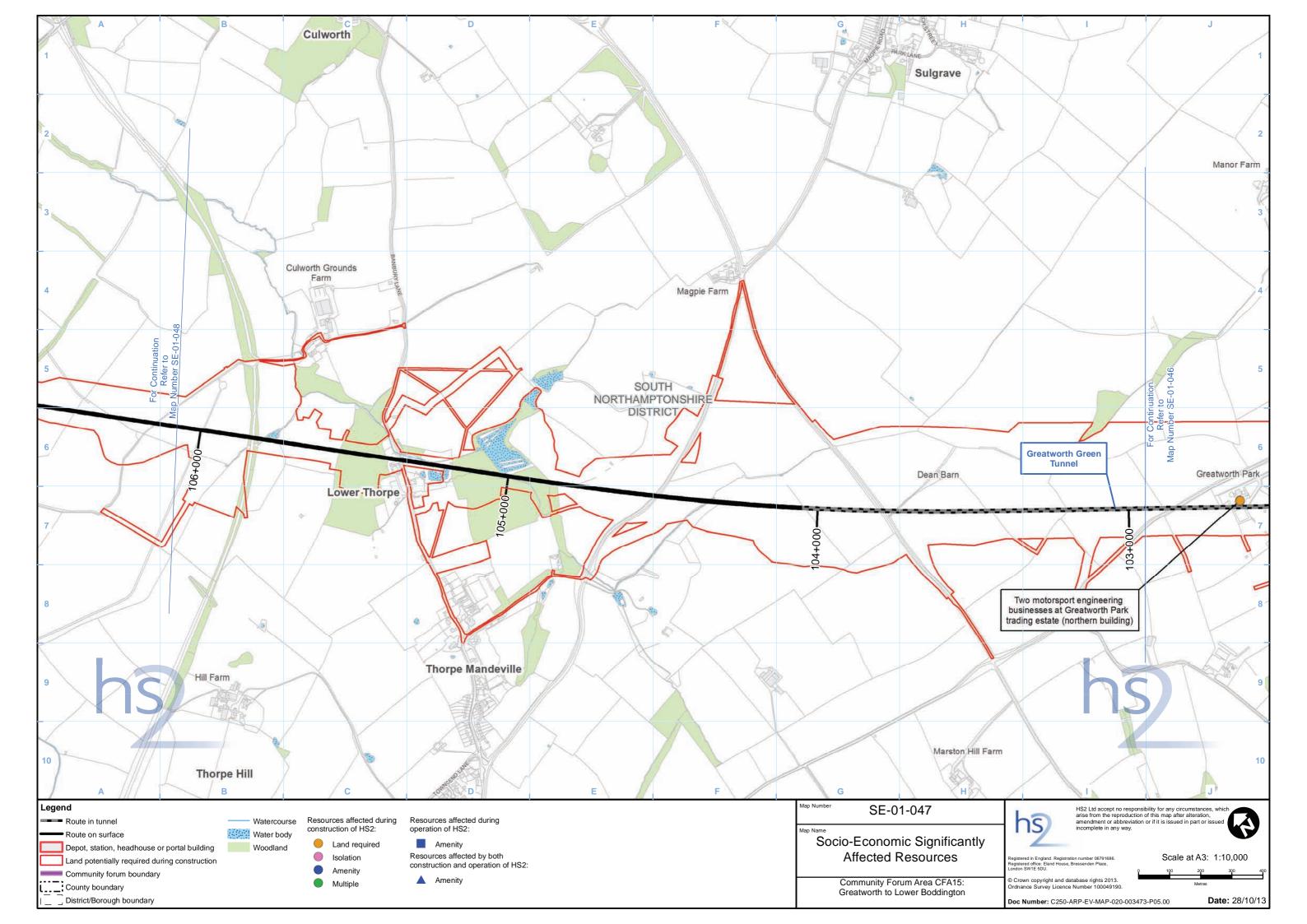
CFA₁₅ | Greatworth to Lower Boddington

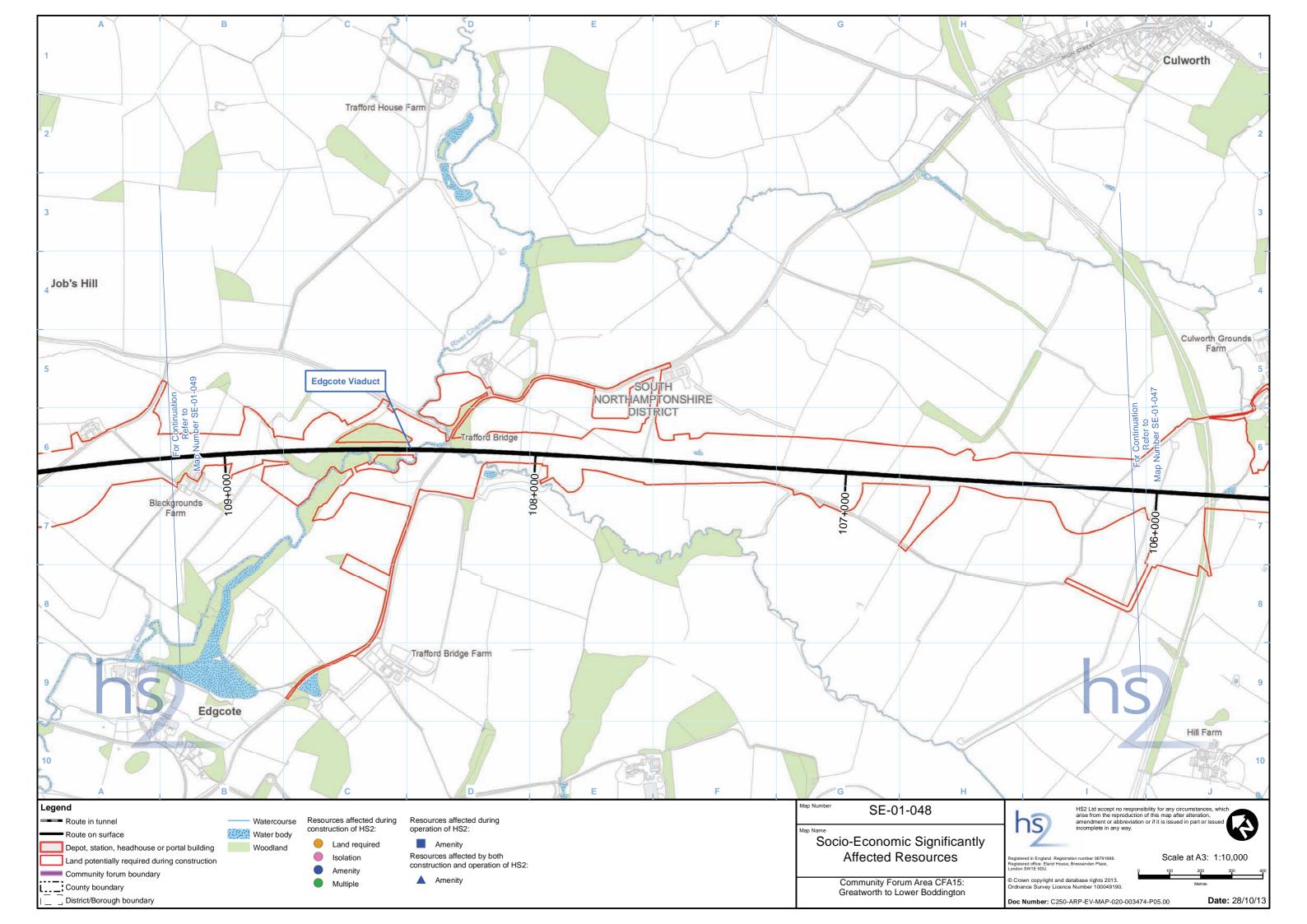
SE-01 - Socio-Economic Significantly Affected Resources

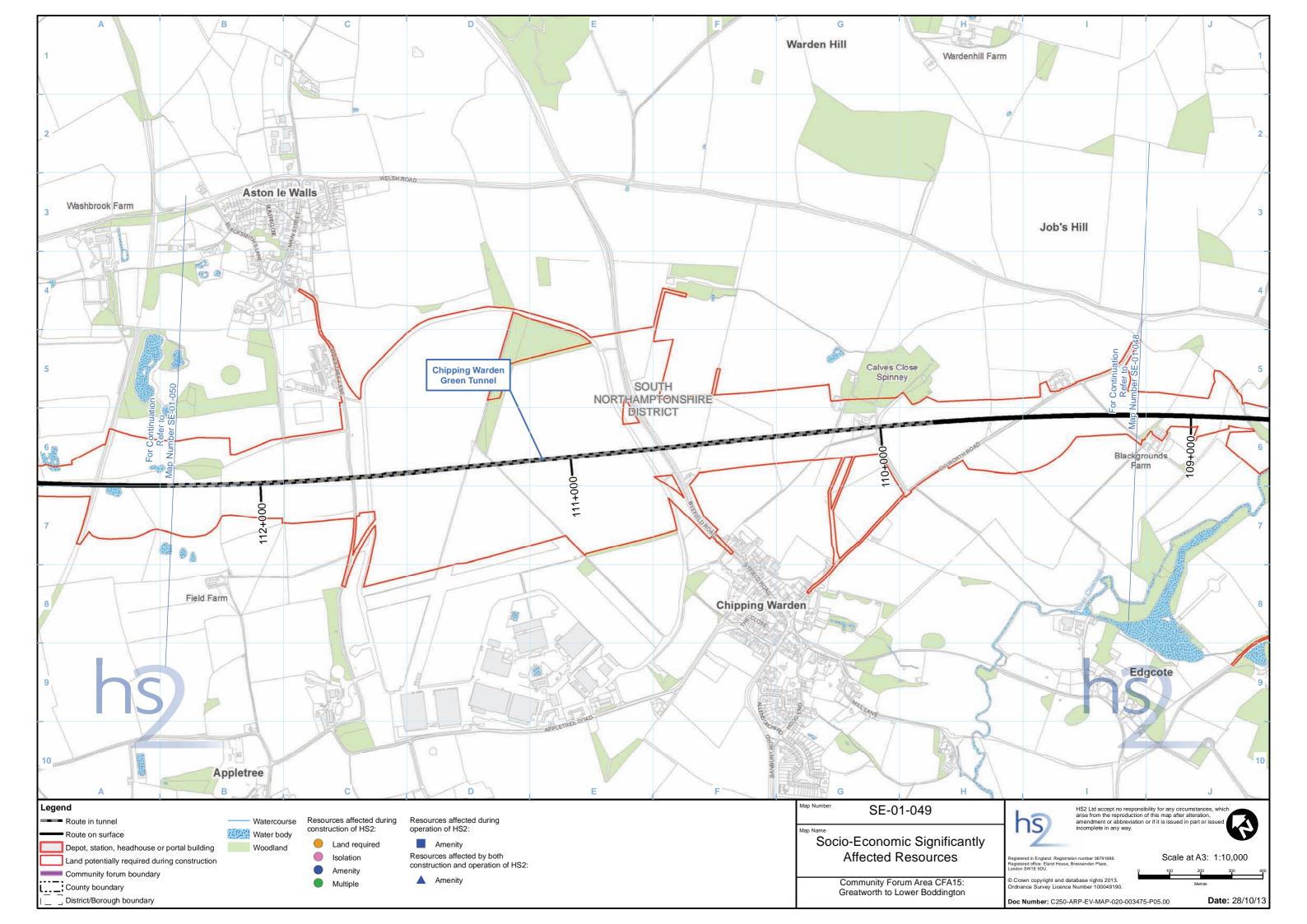


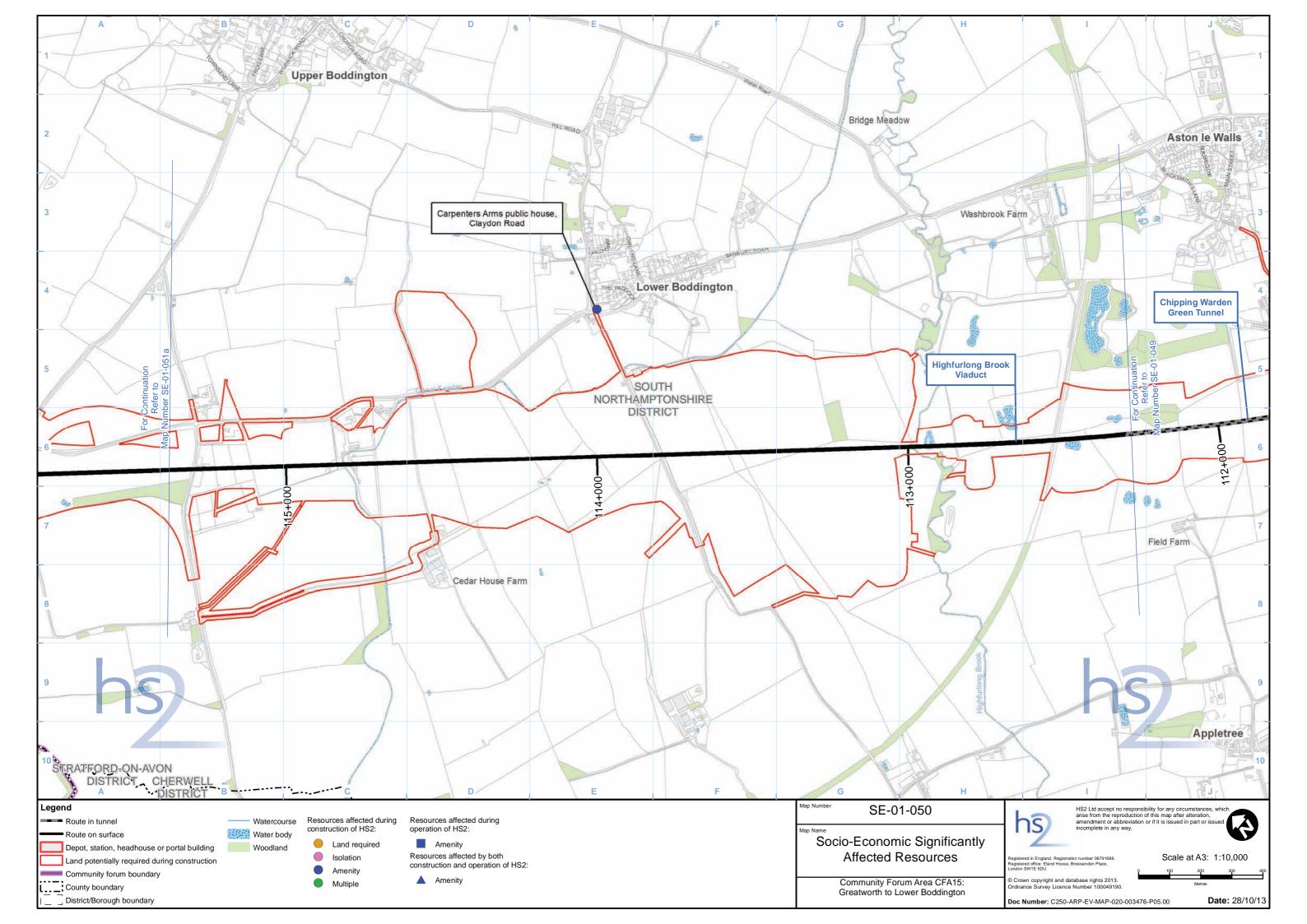


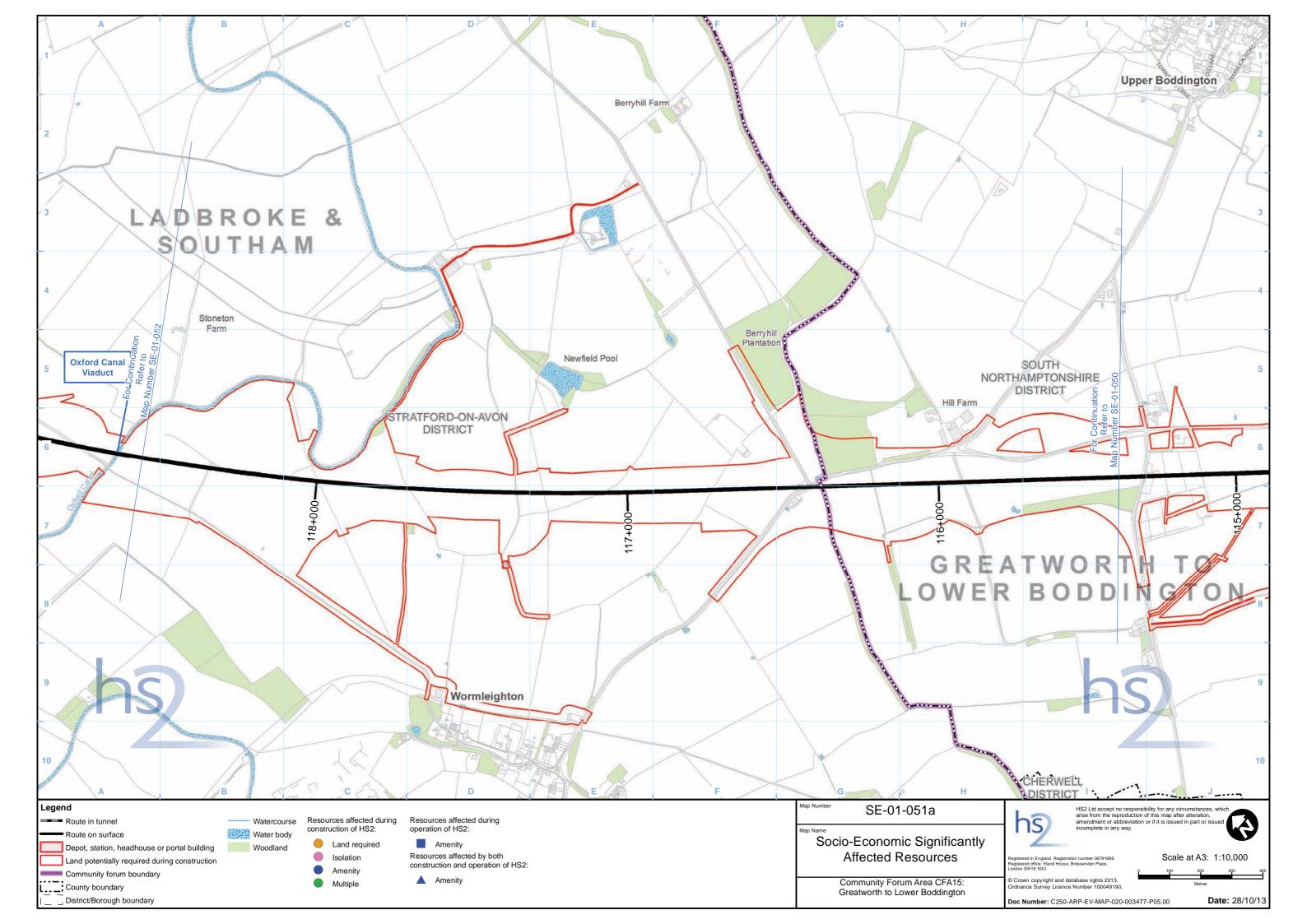


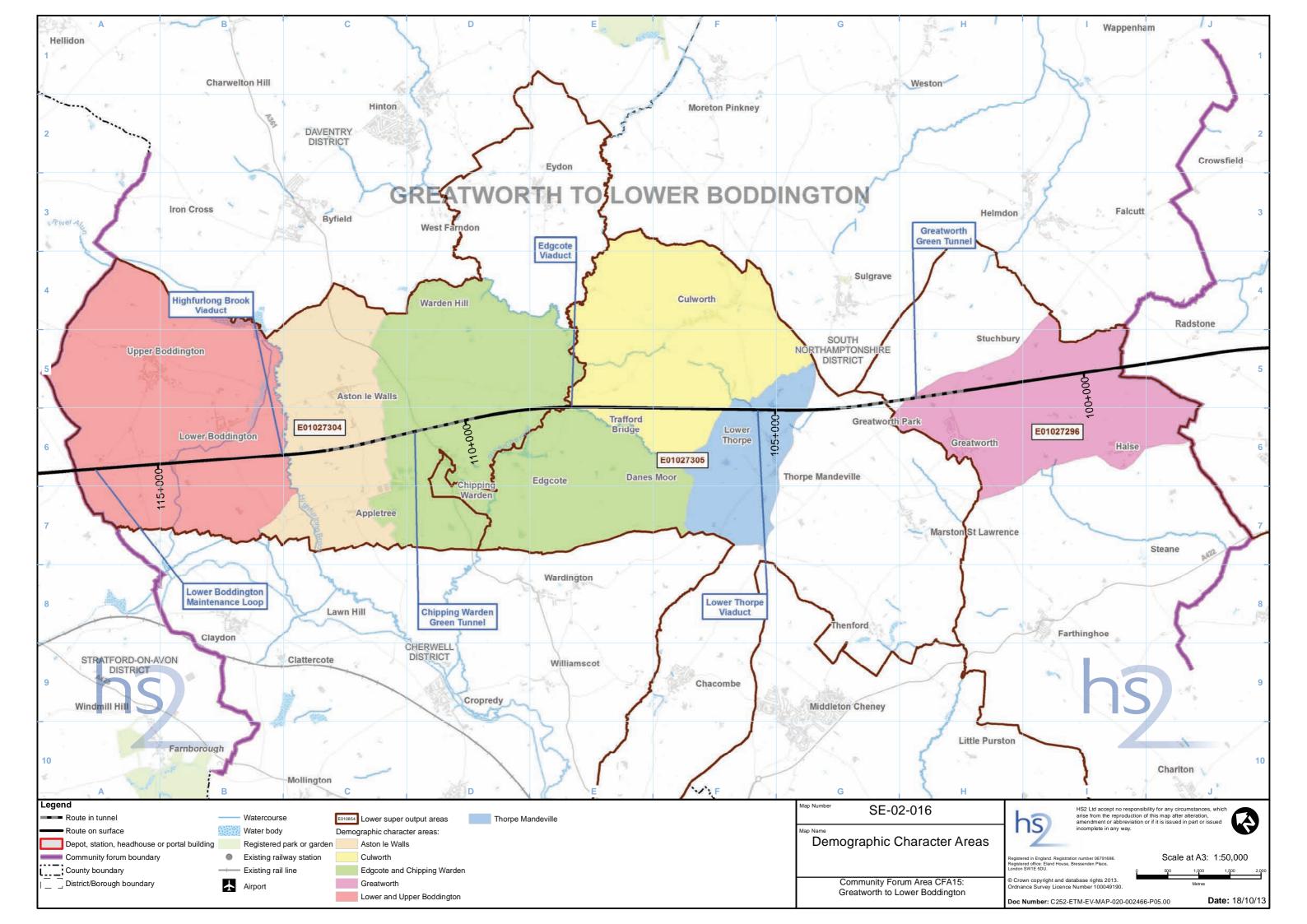






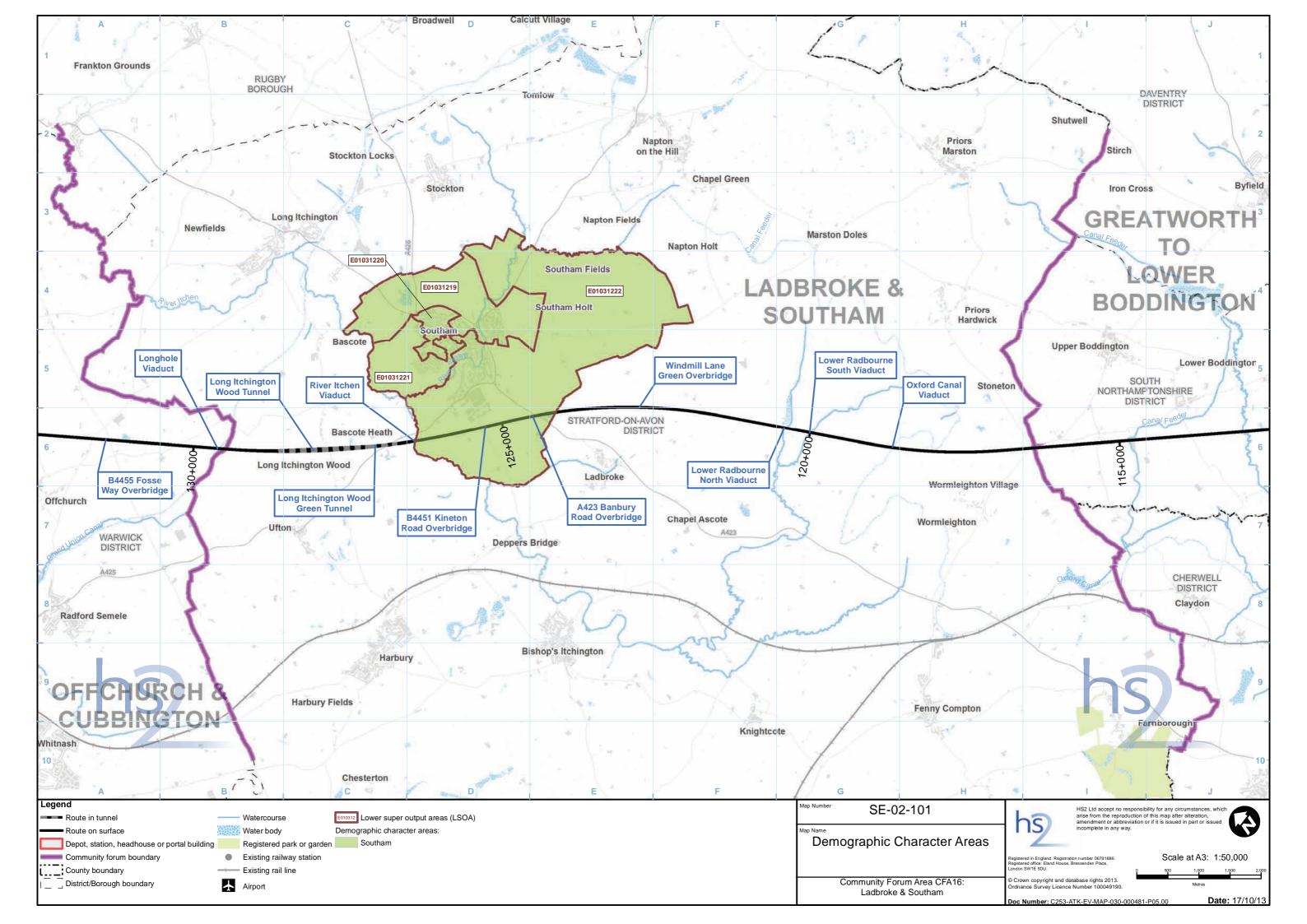






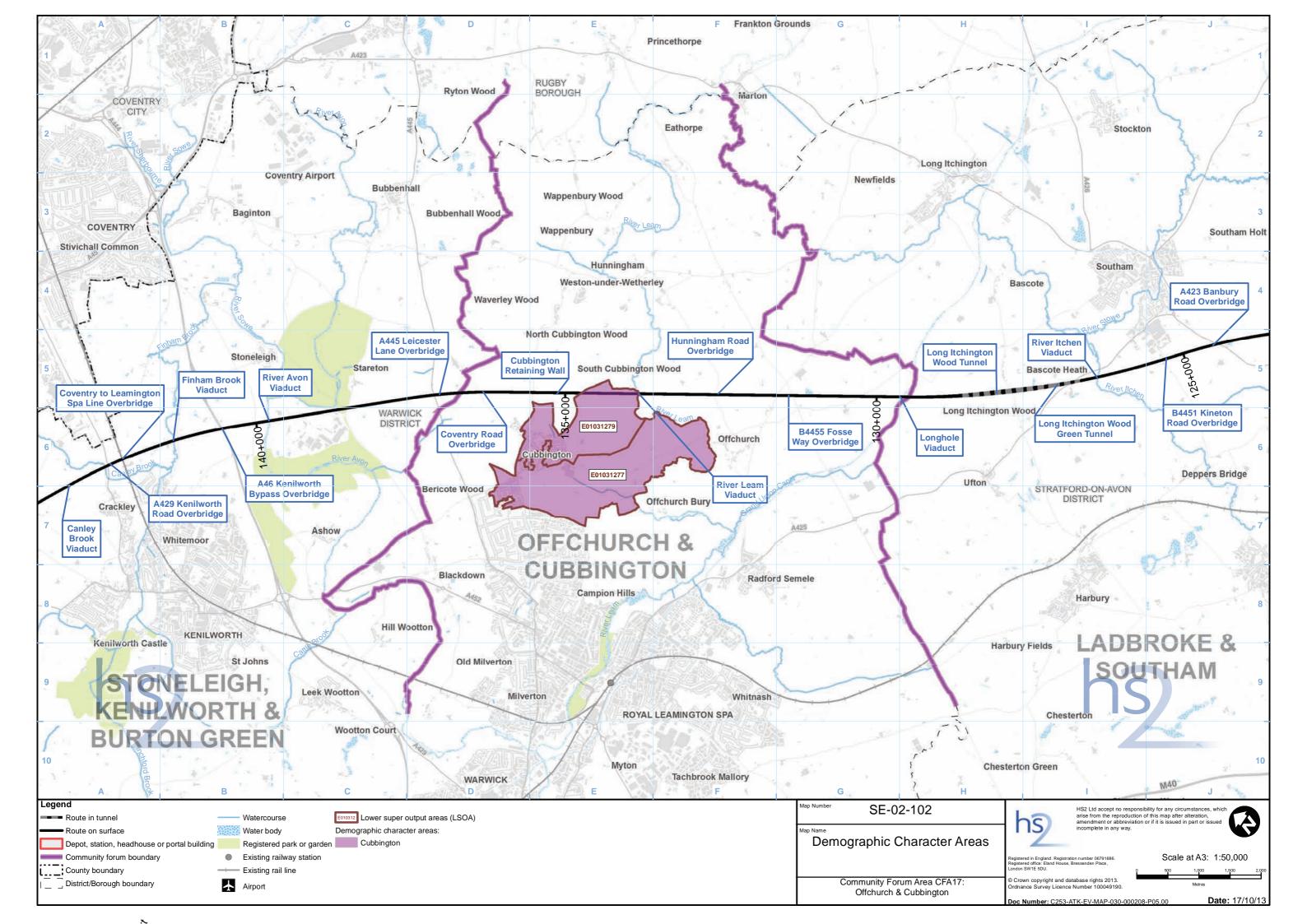


CFA16 | Ladbroke and Southam





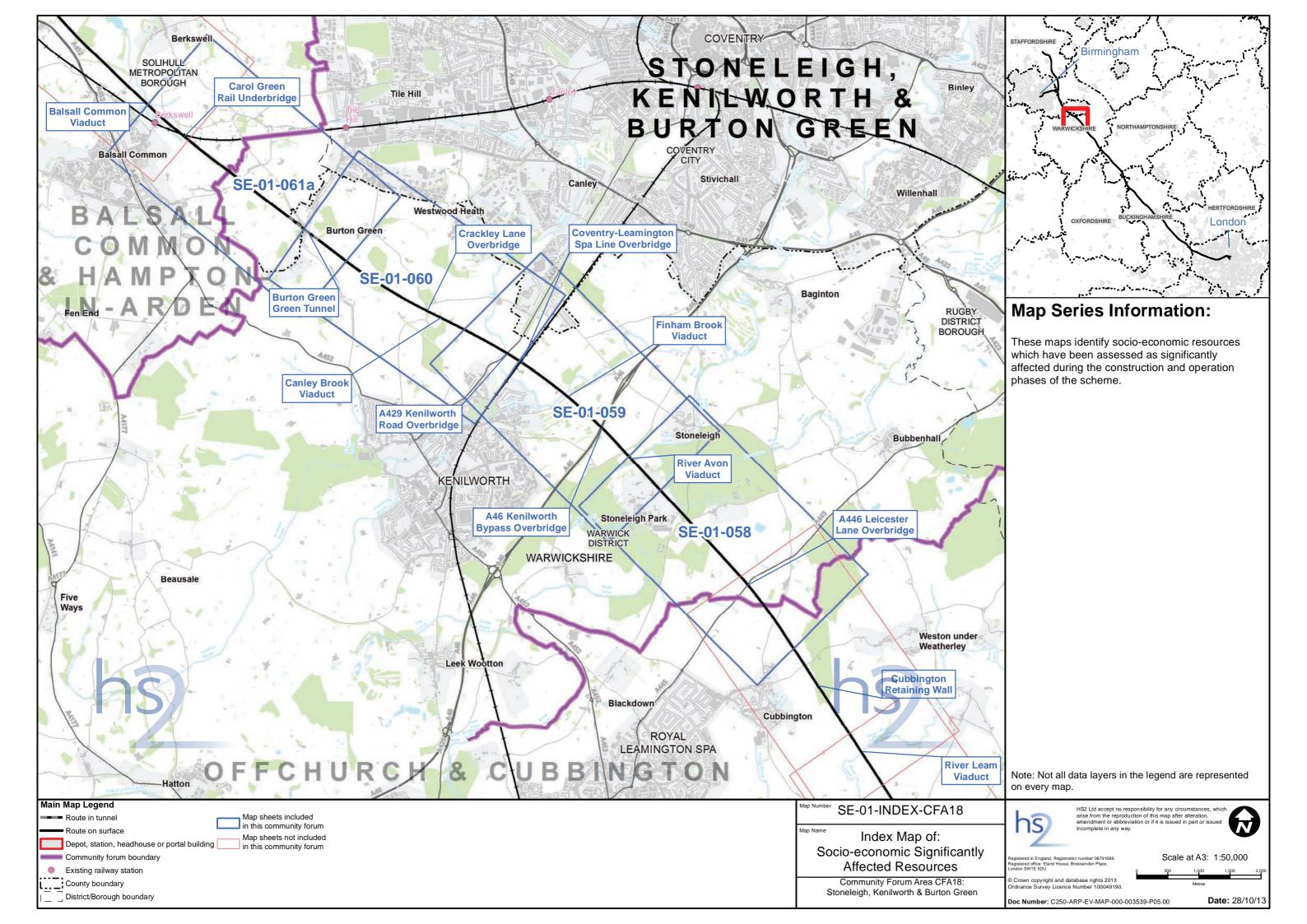
CFA₁₇ Offchurch and Cubbington

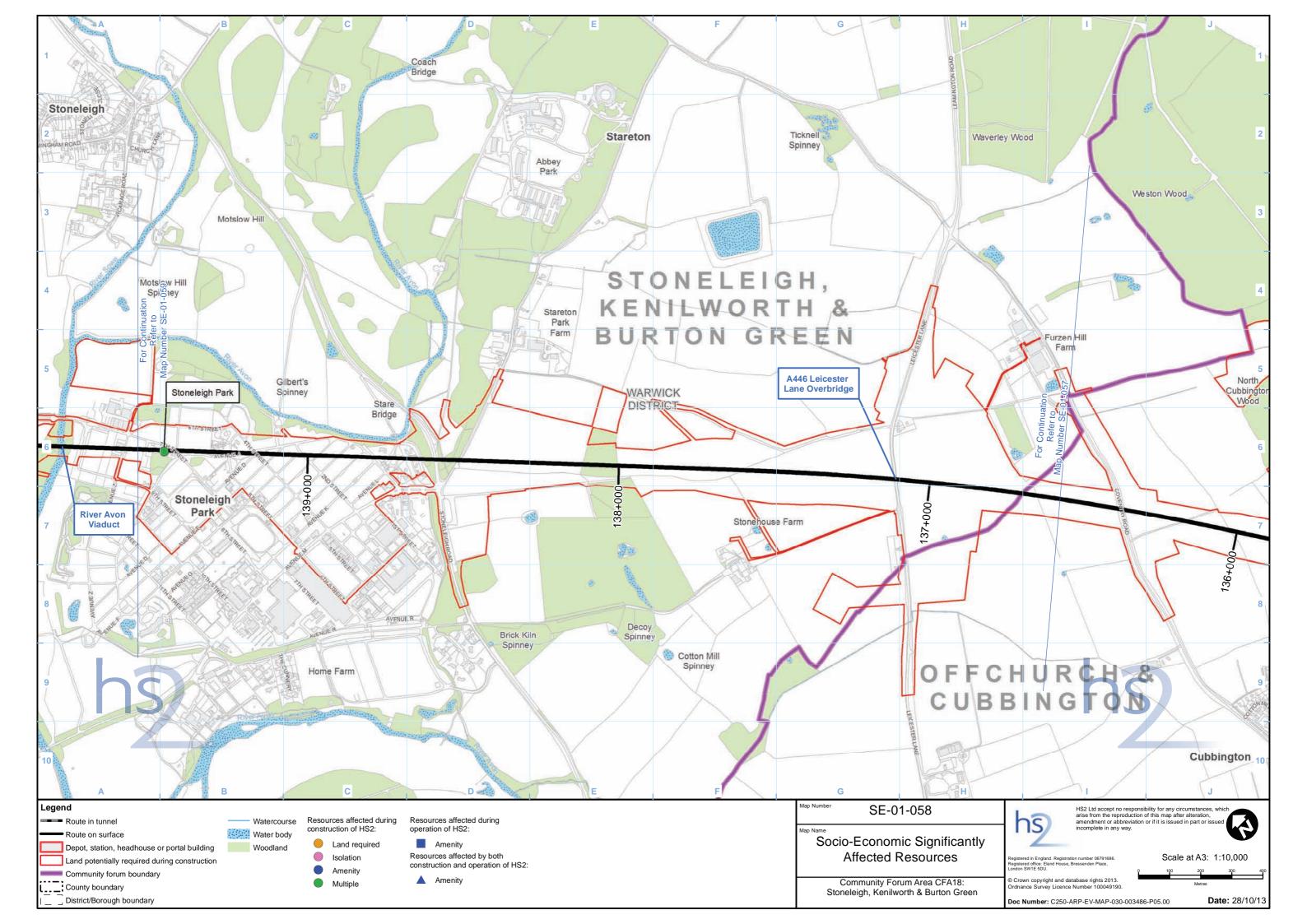


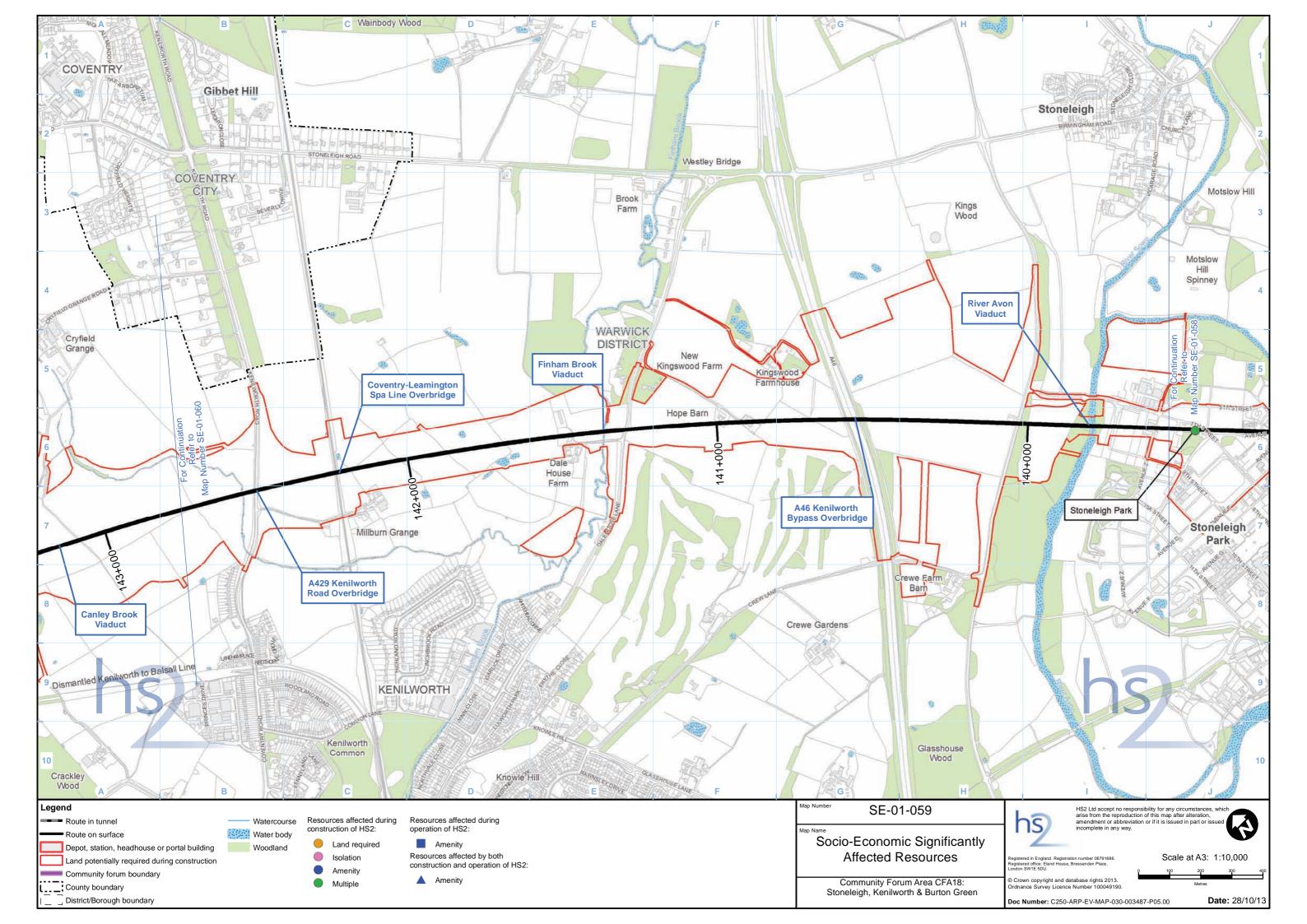


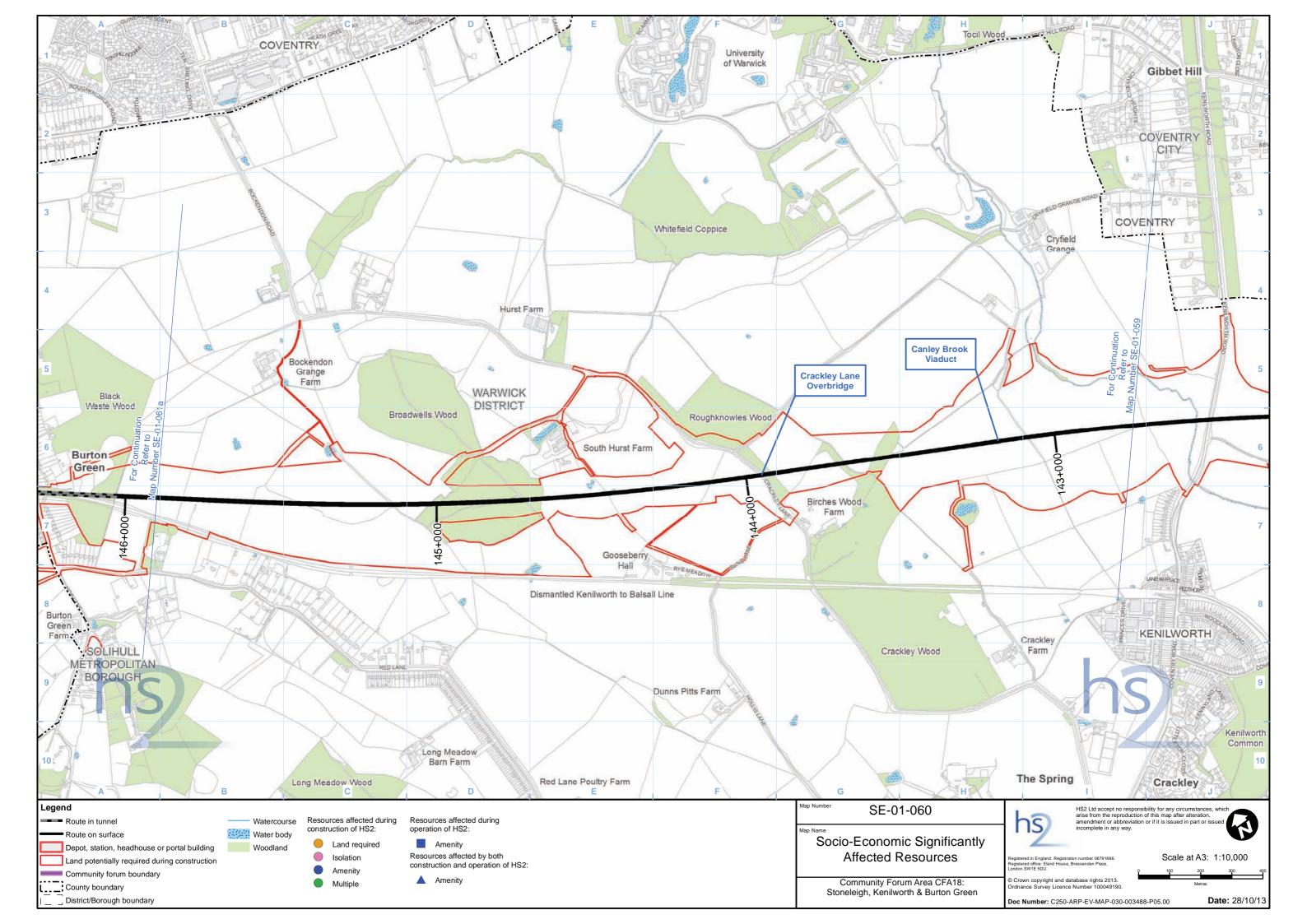
CFA₁₈ | Stoneleigh, Kenilworth and Burton Green

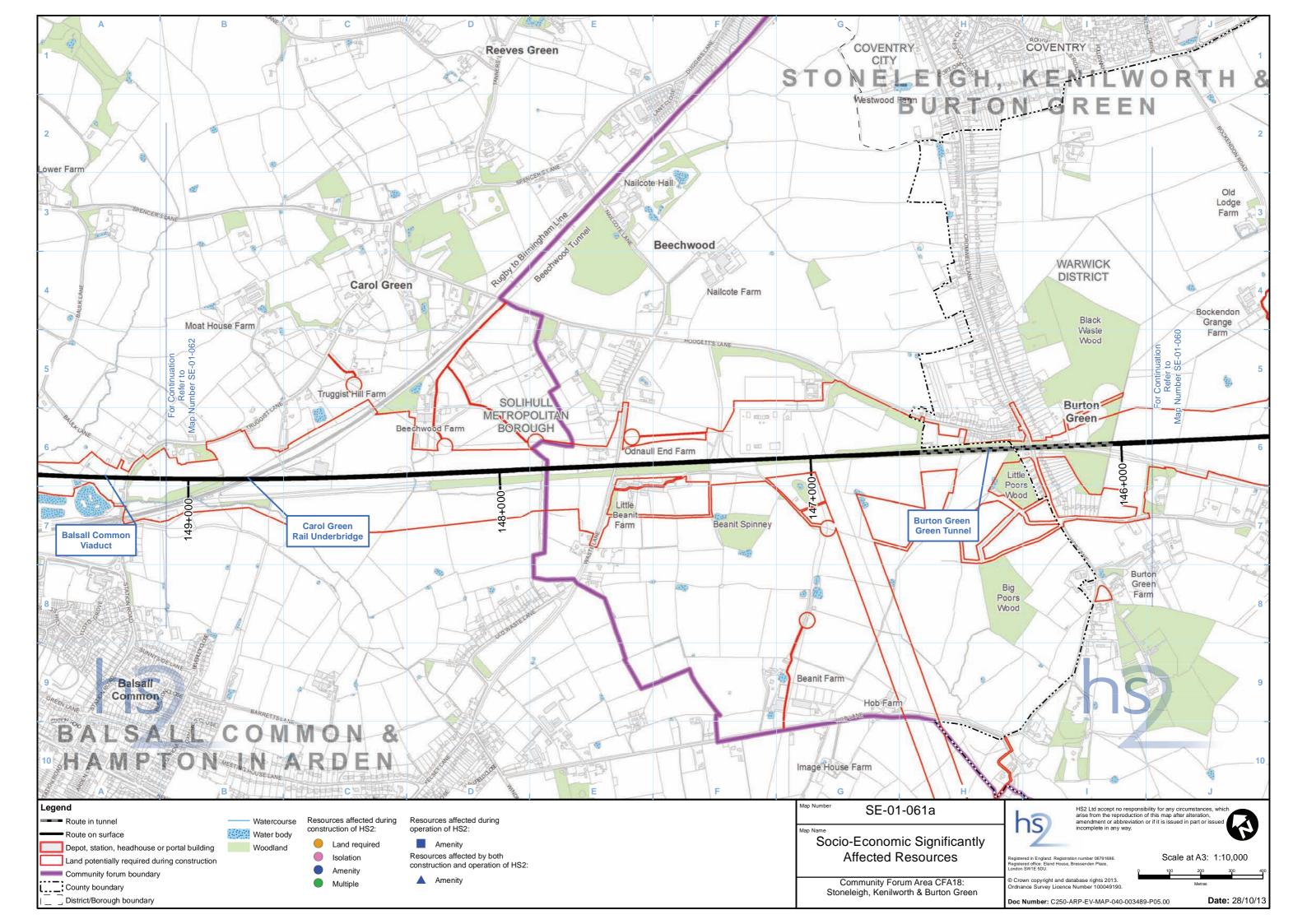
SE-o1 - Socio-Economic Significantly Affected Resources

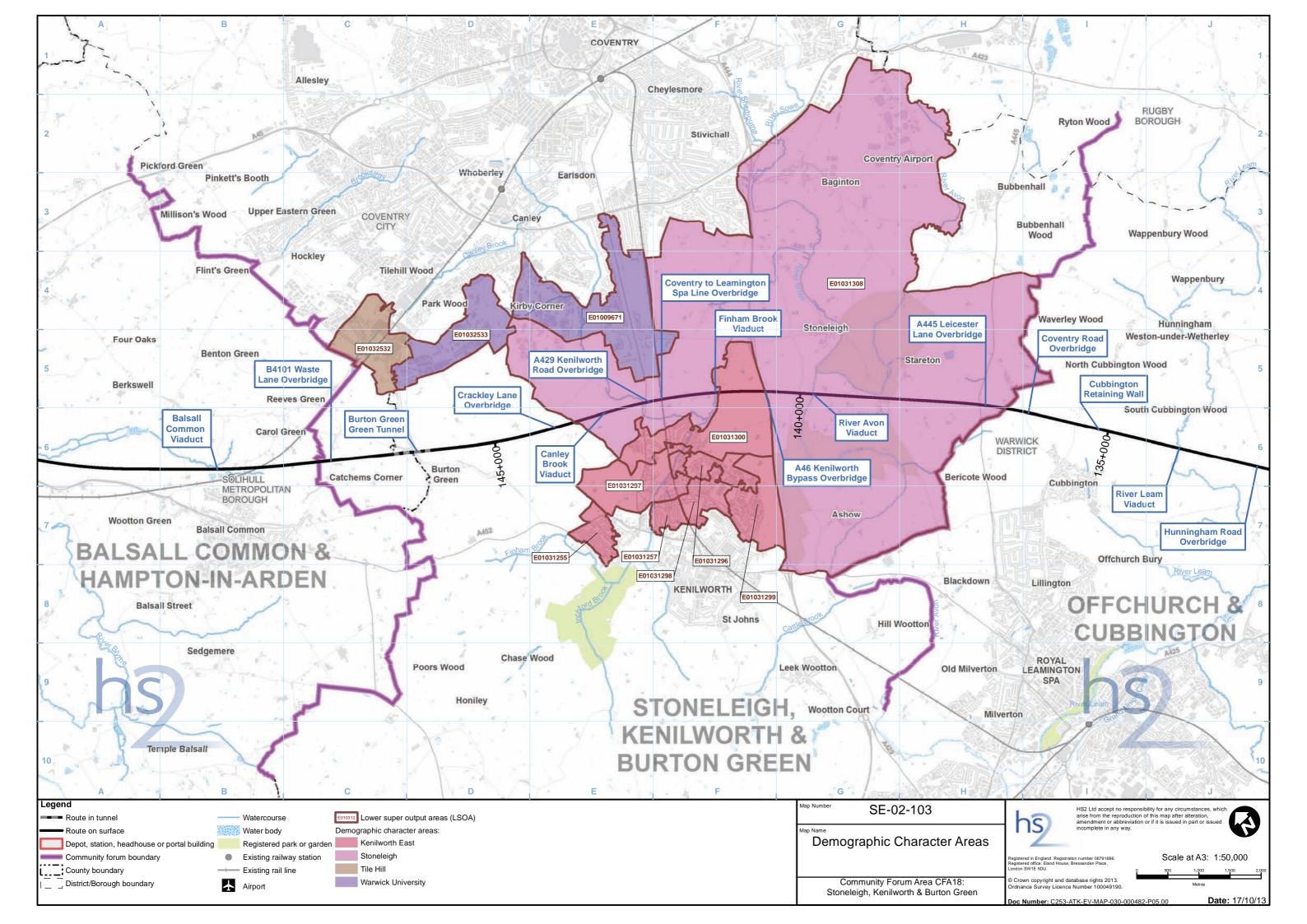








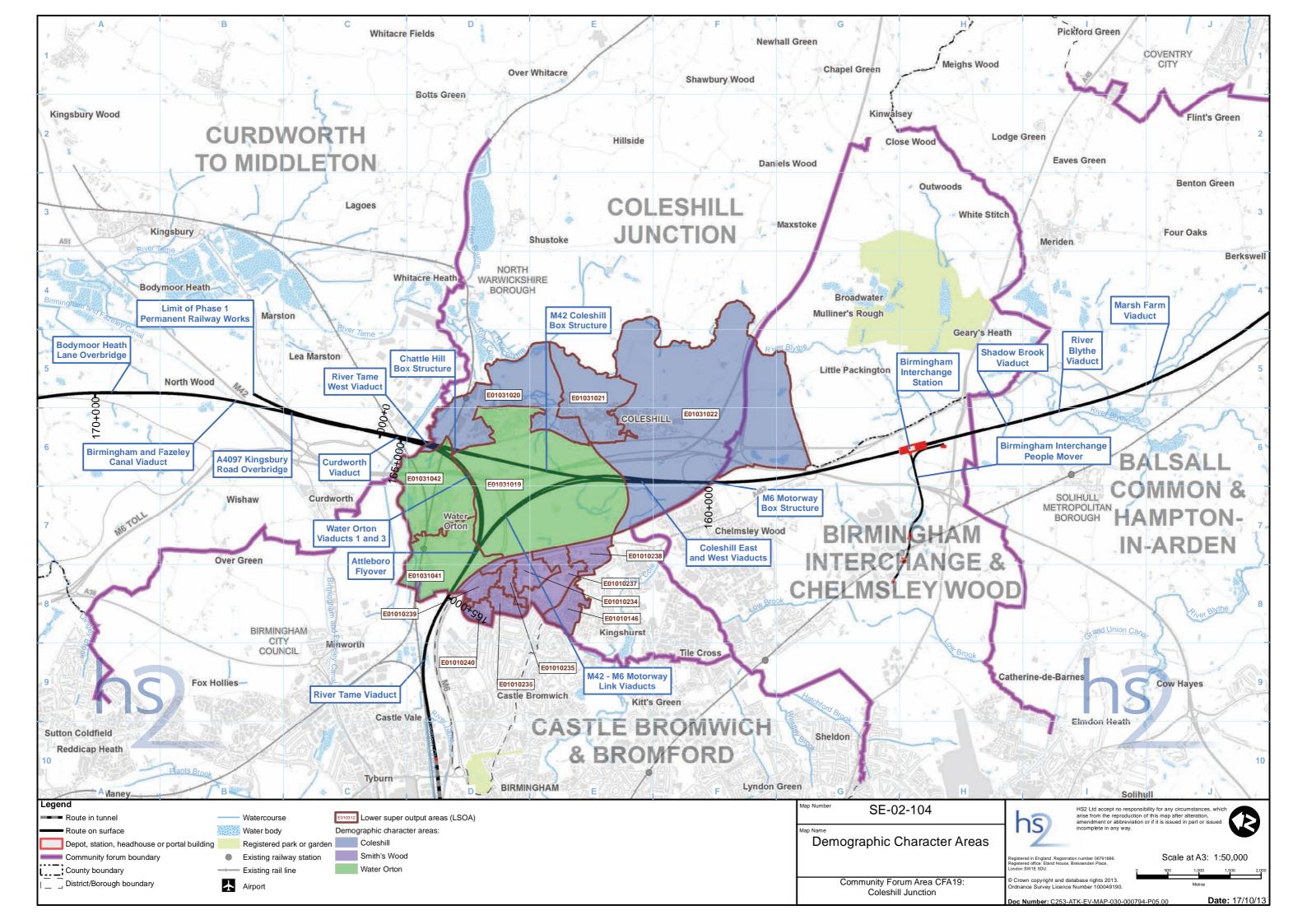




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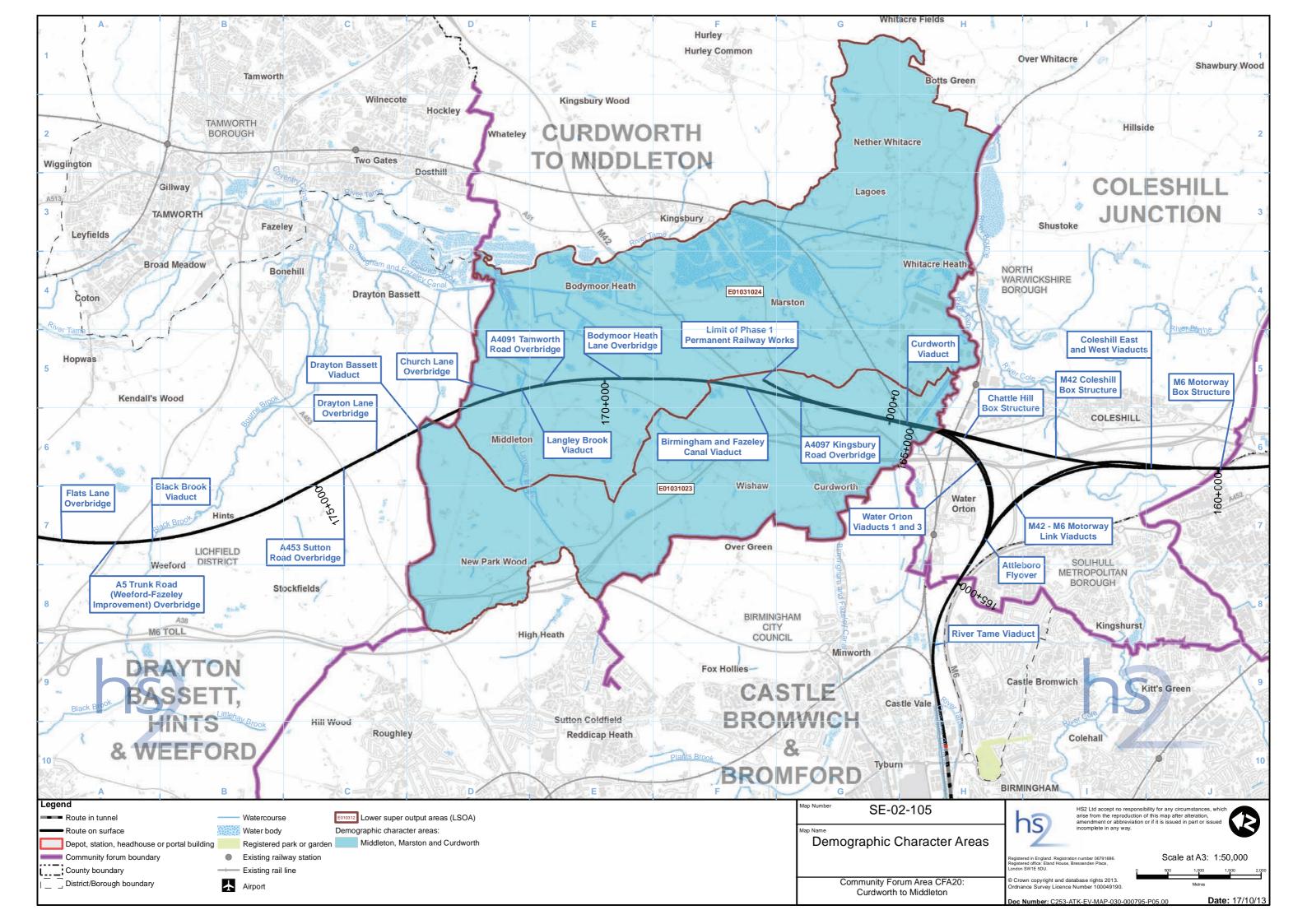


CFA19 | Coleshill Junction



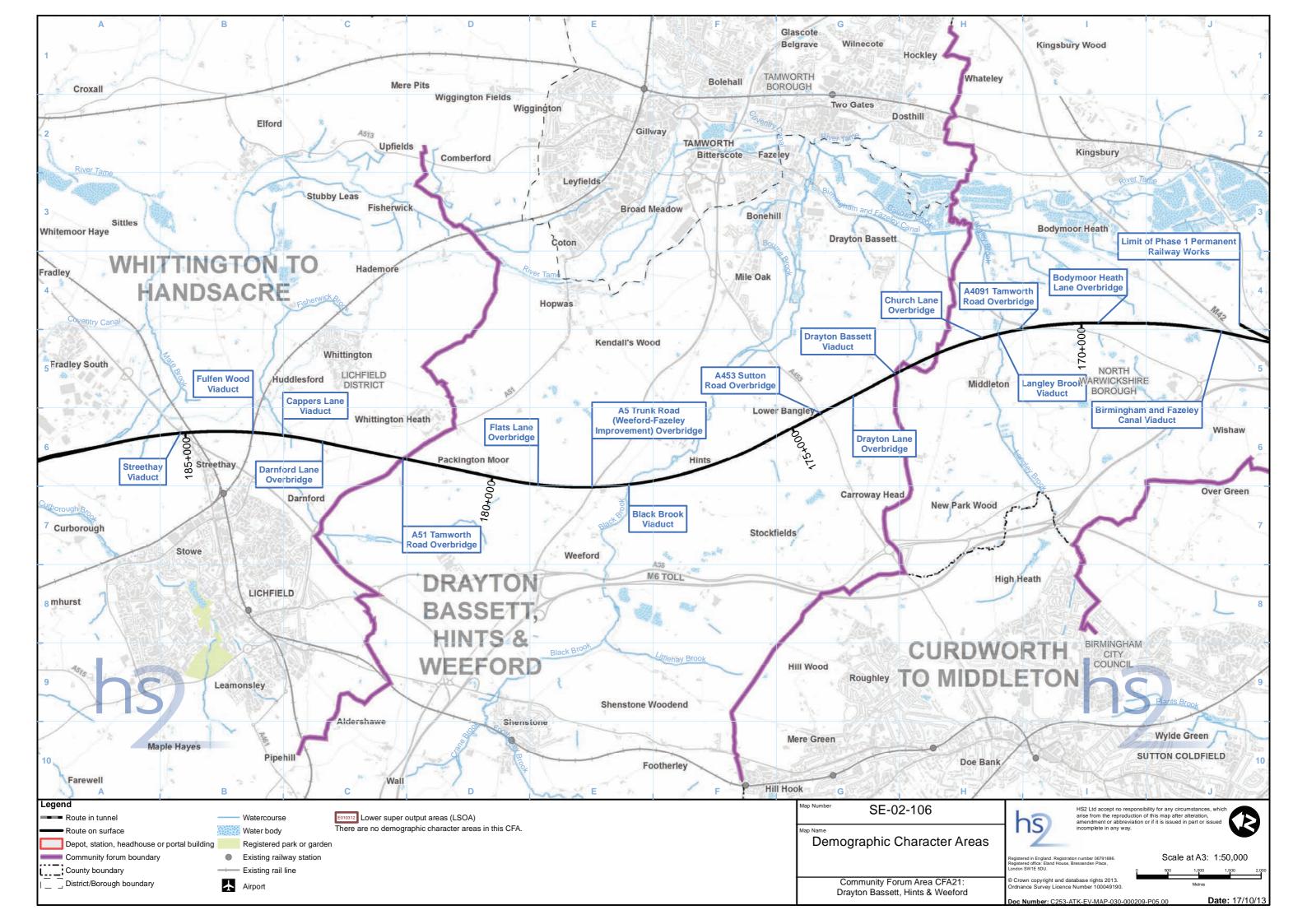


CFA20 | Curdworth to Middleton



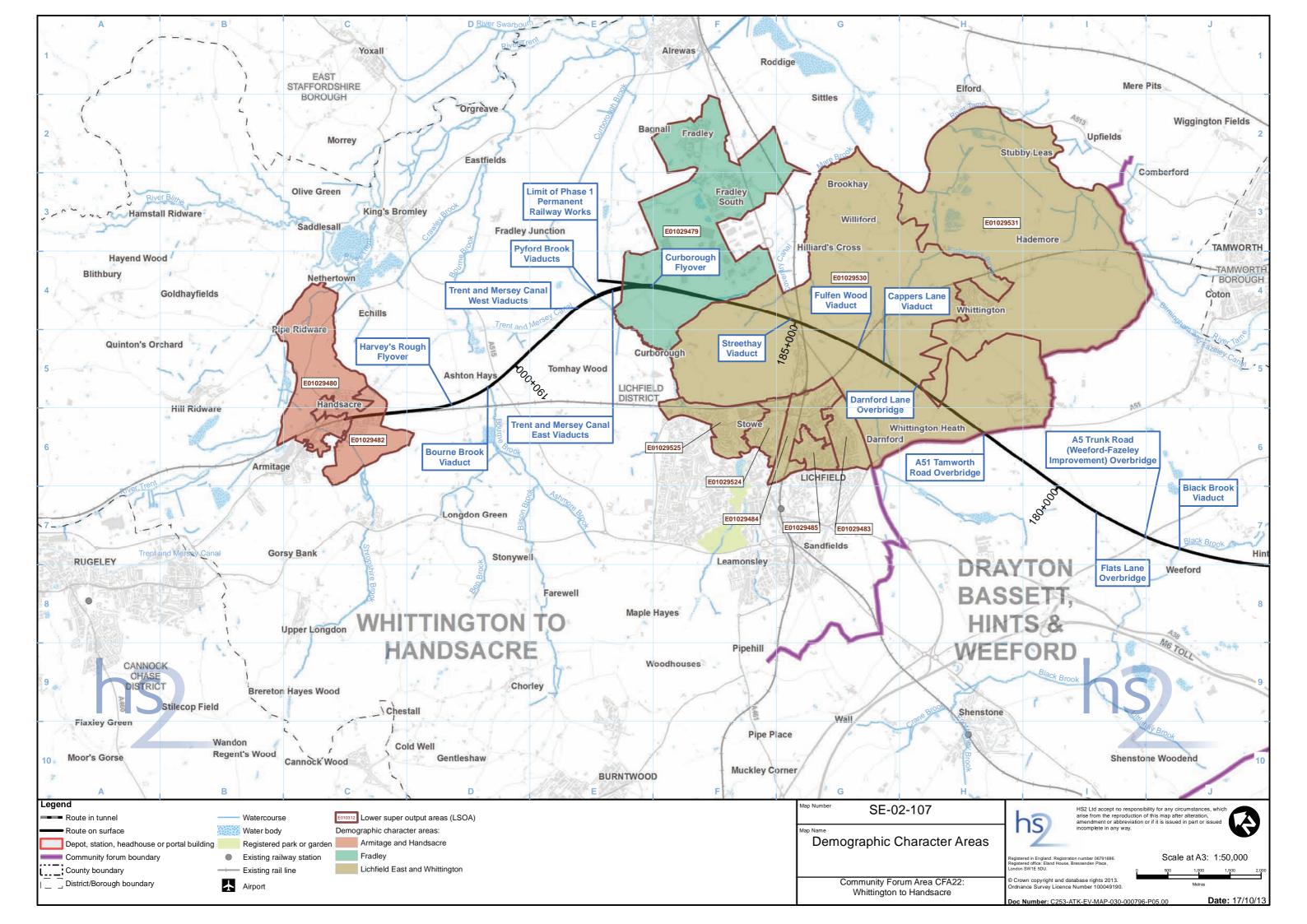


CFA21 | Drayton Bassett, Hints and Weeford SE-02 - Demographic Character Areas



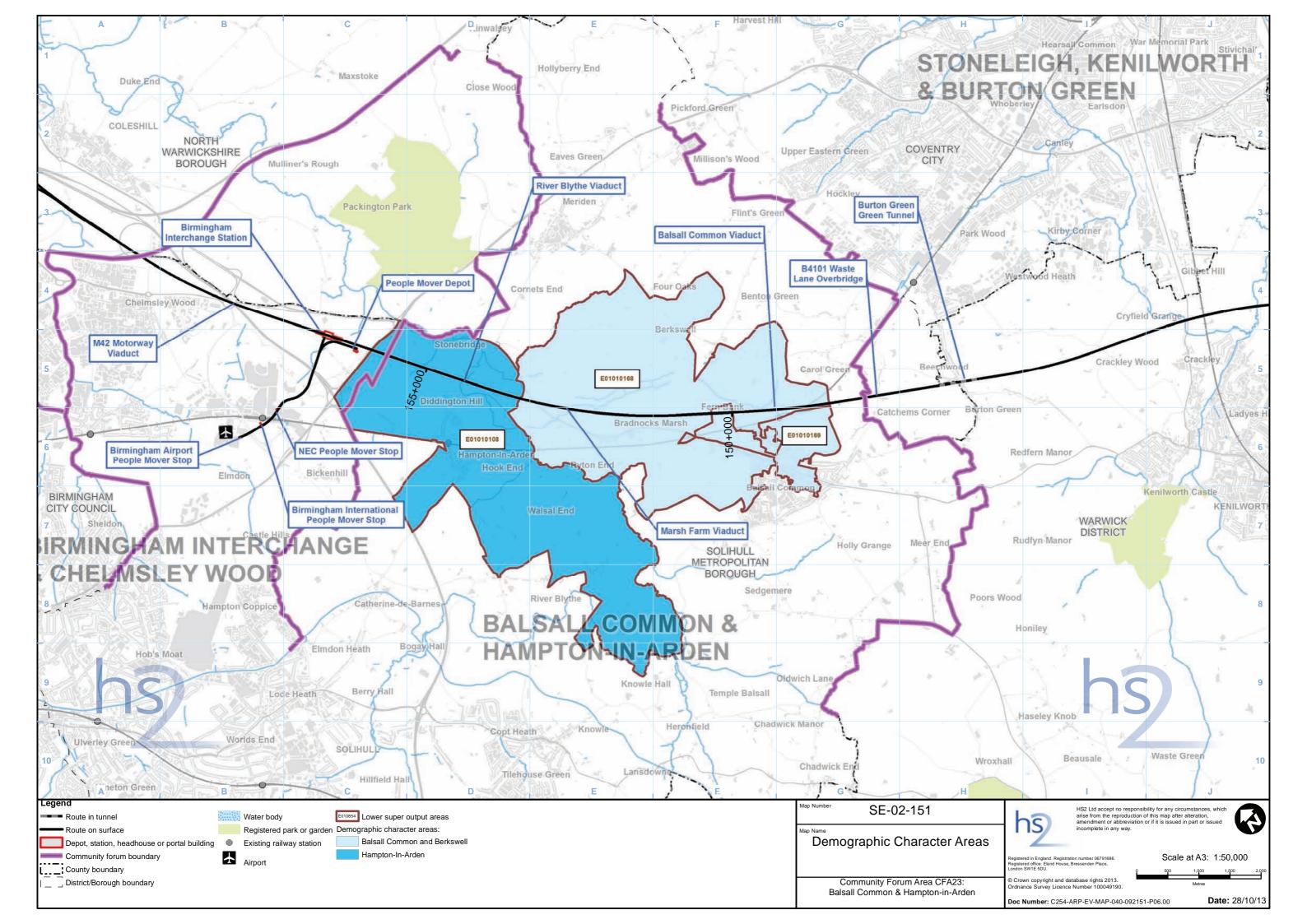


CFA22 | Whittington to Handsacre





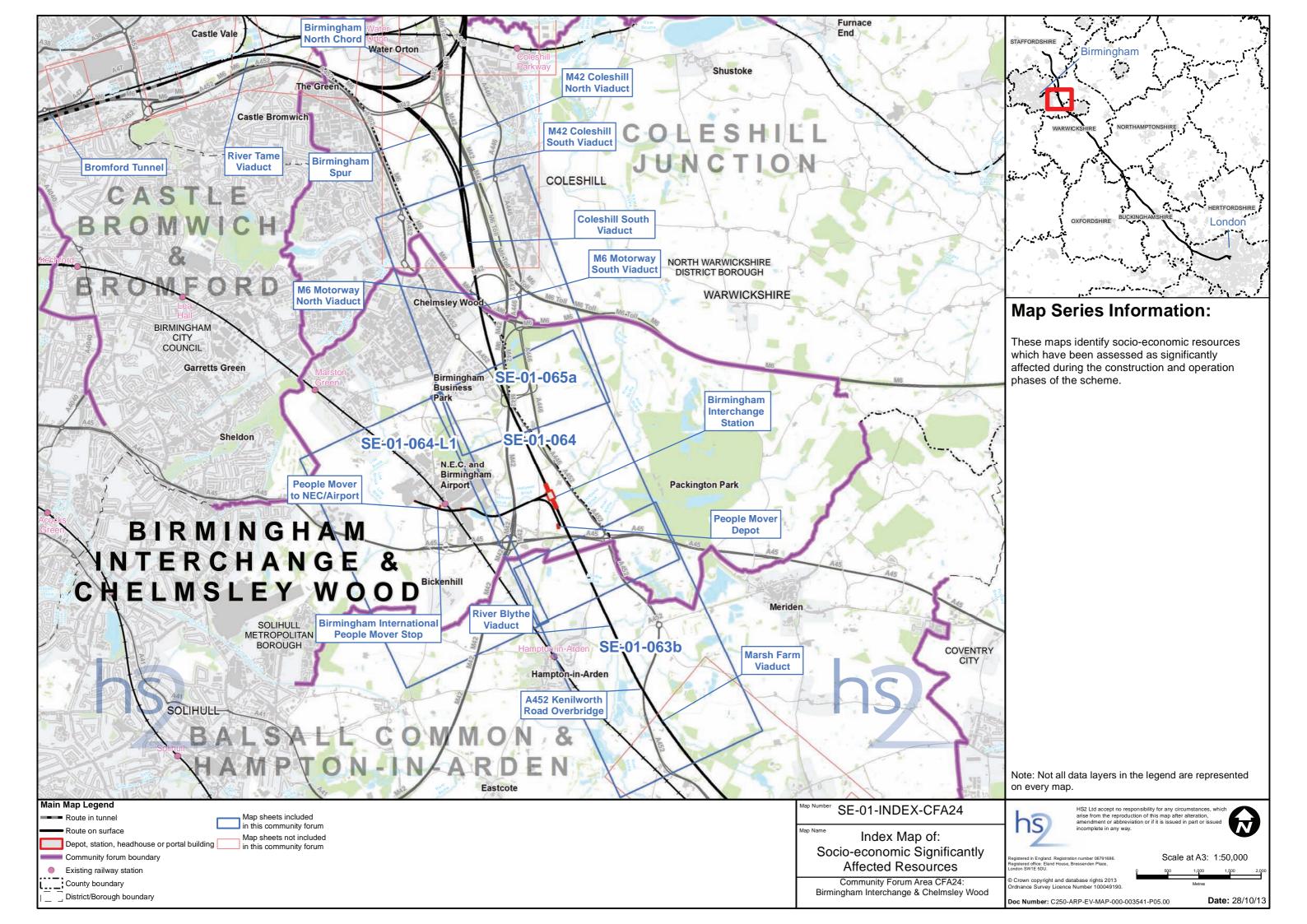
CFA23 | Balsall Common and Hampton-in-Arden

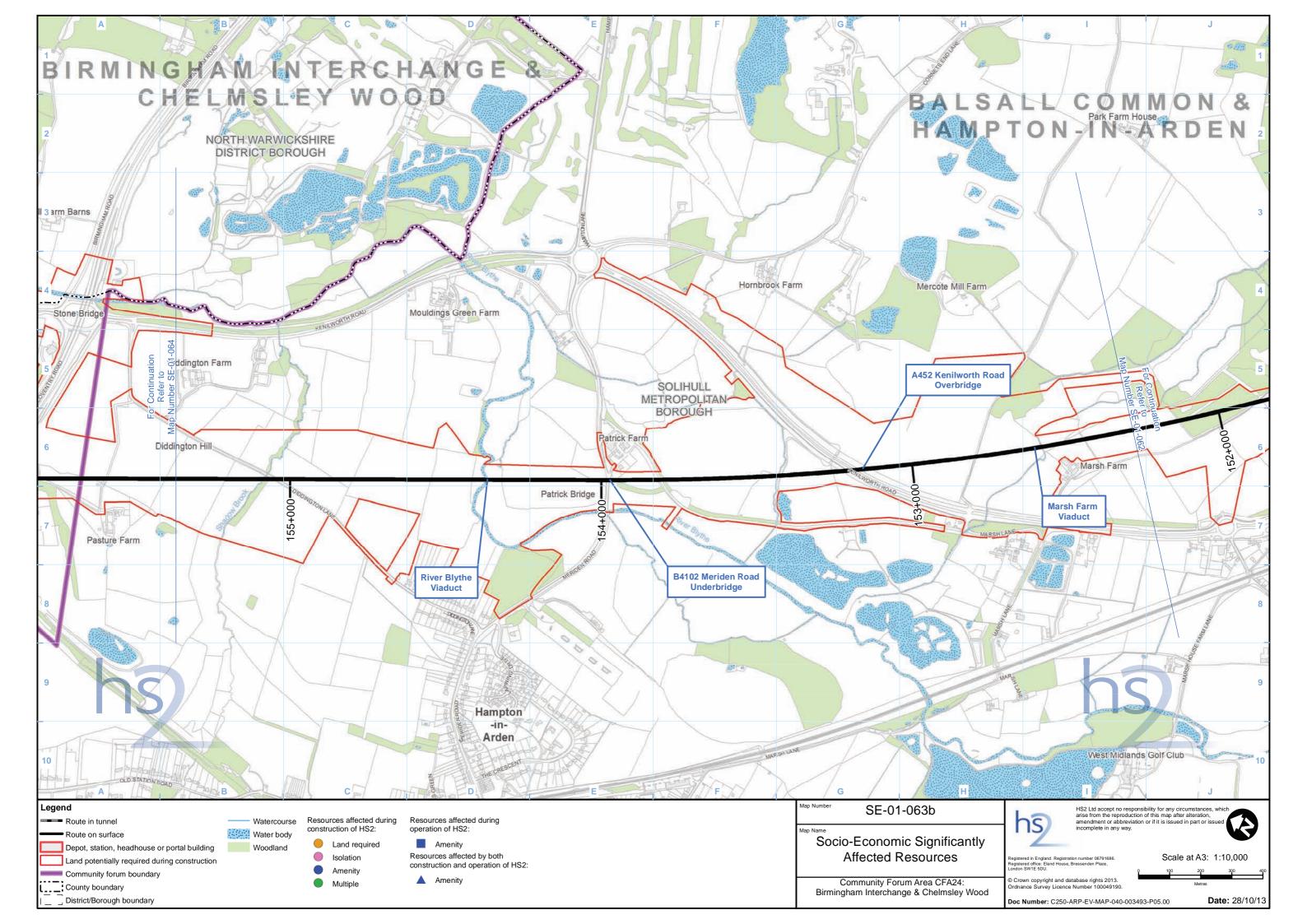


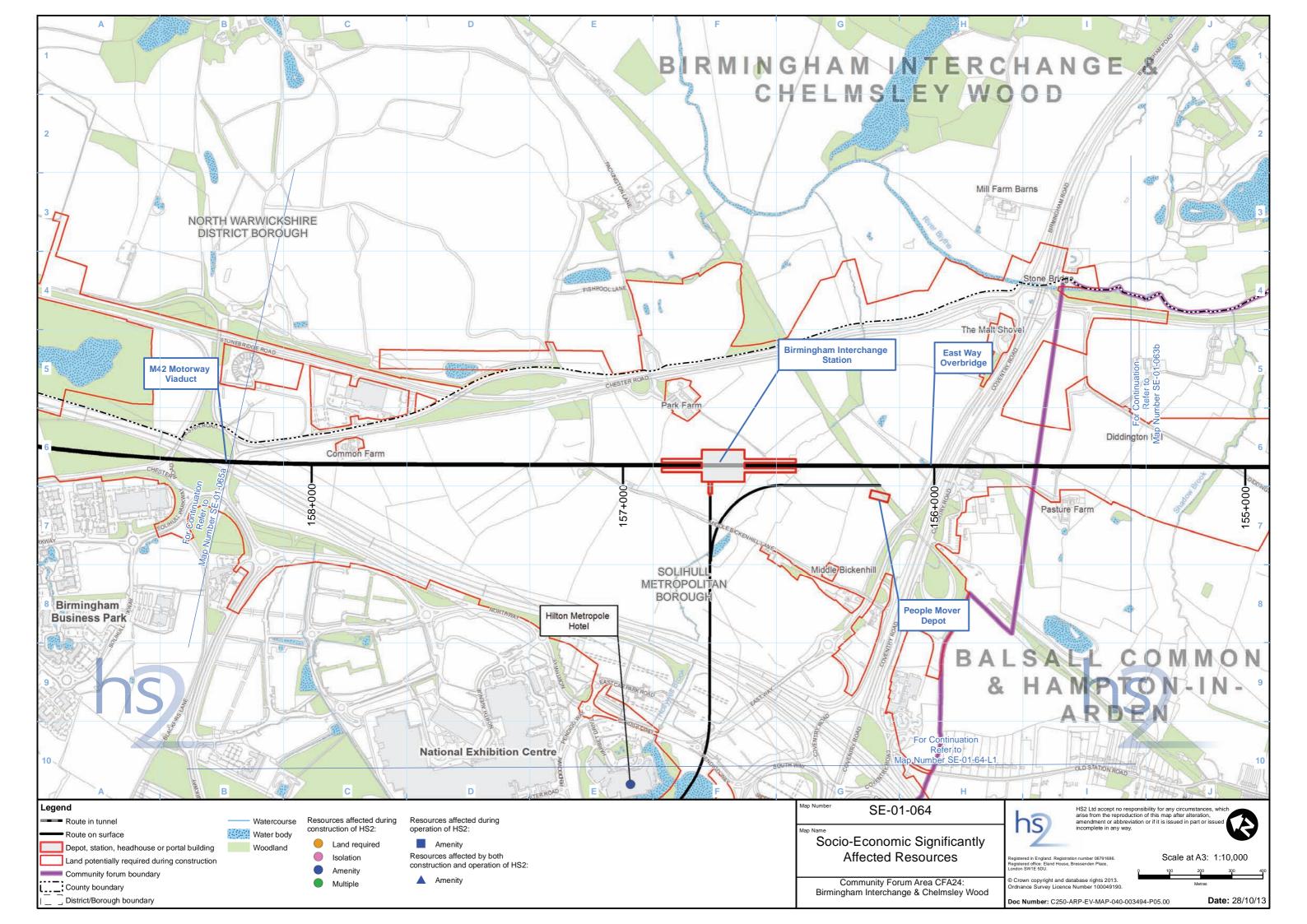


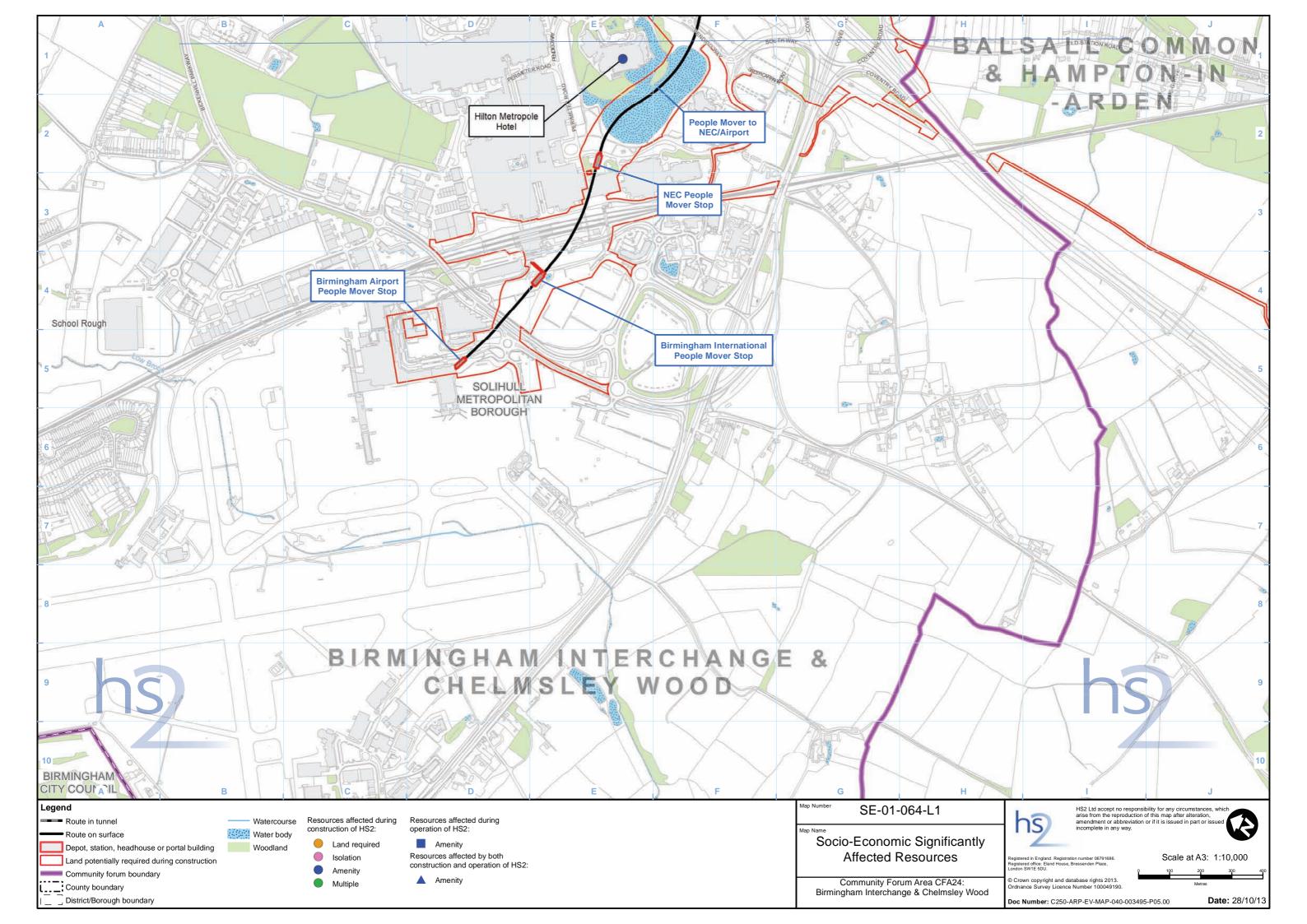
CFA24 | Birmingham Interchange and Chelmsley Wood

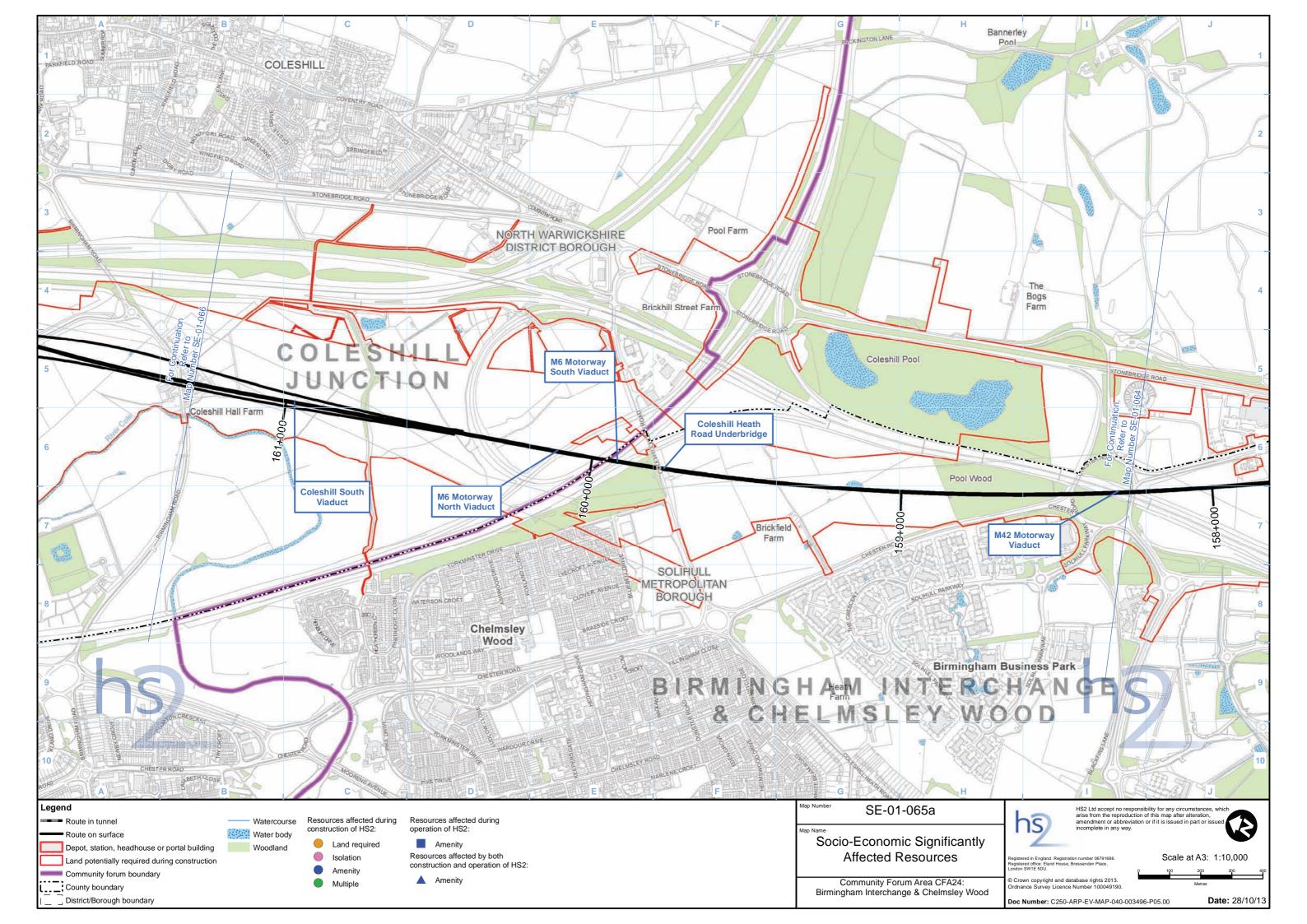
SE-o1 - Socio-Economic Significantly Affected Resources

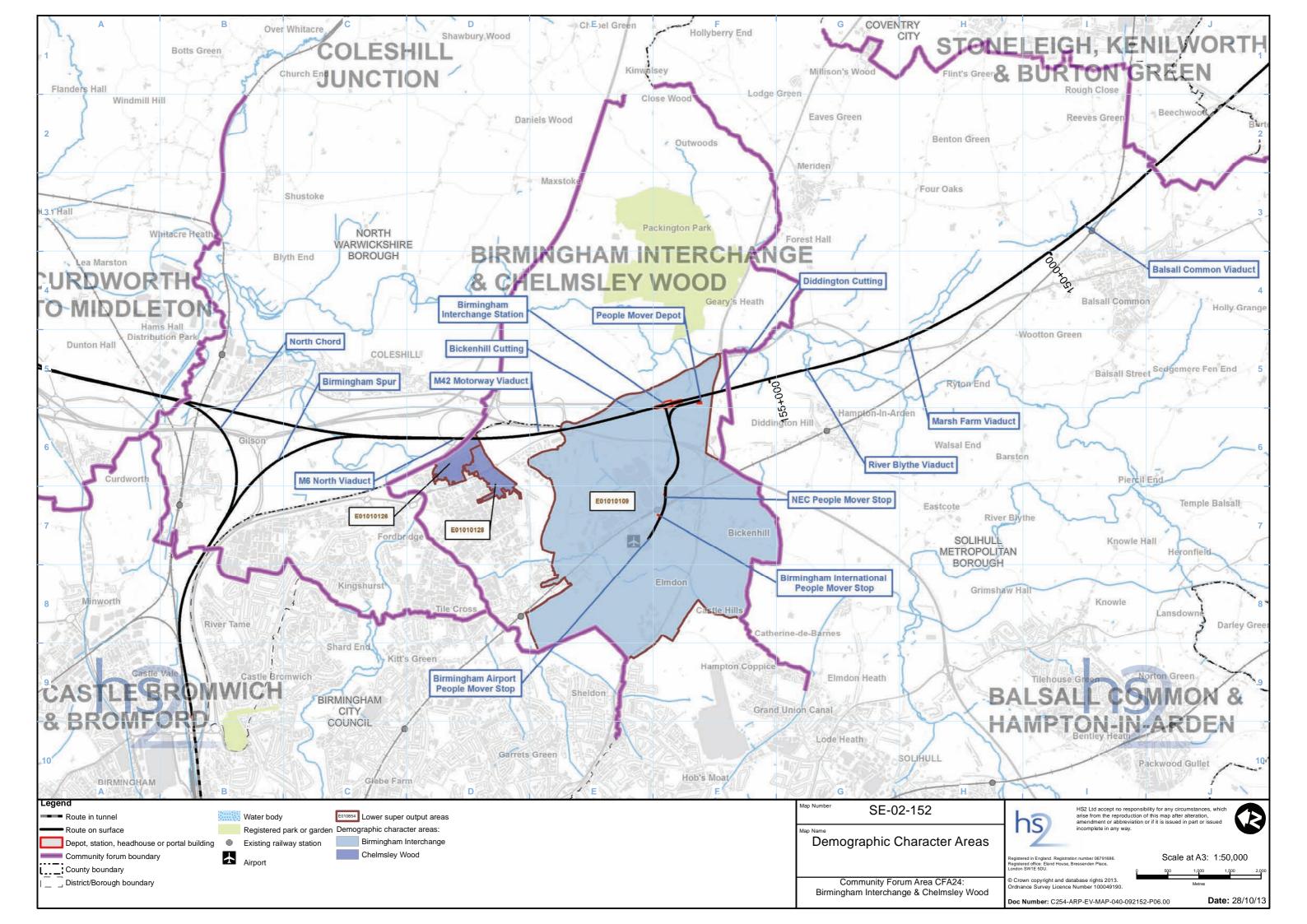










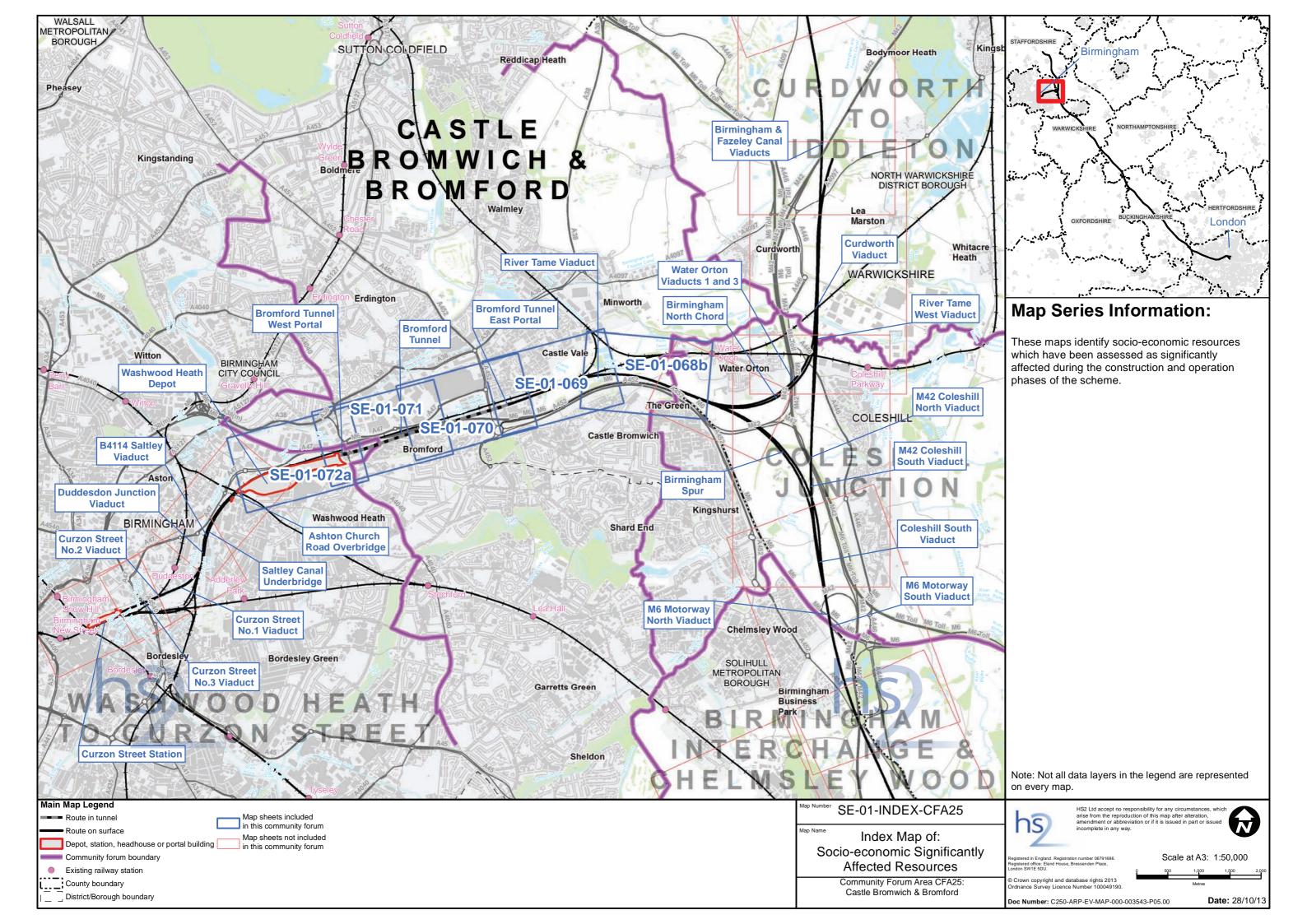


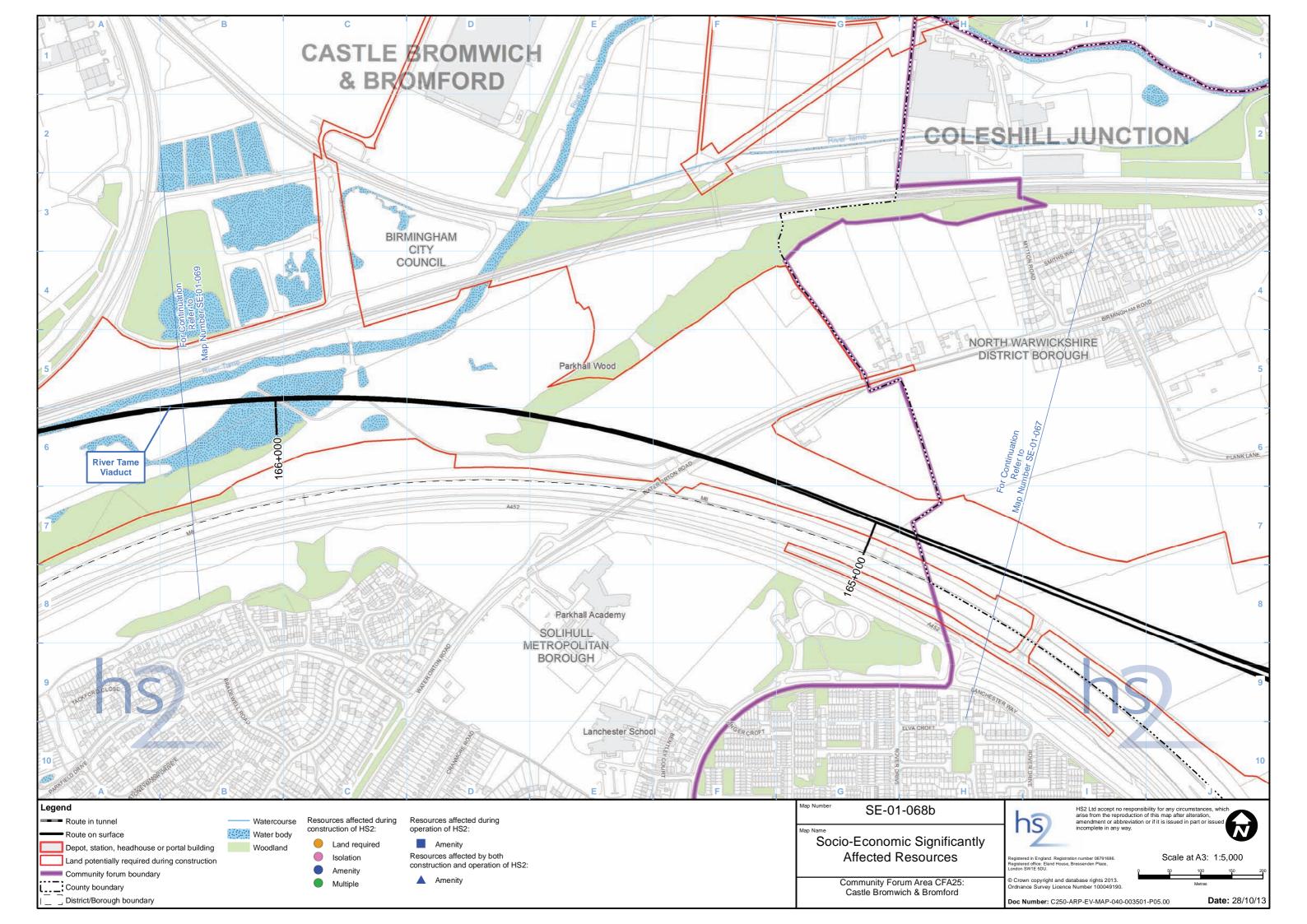
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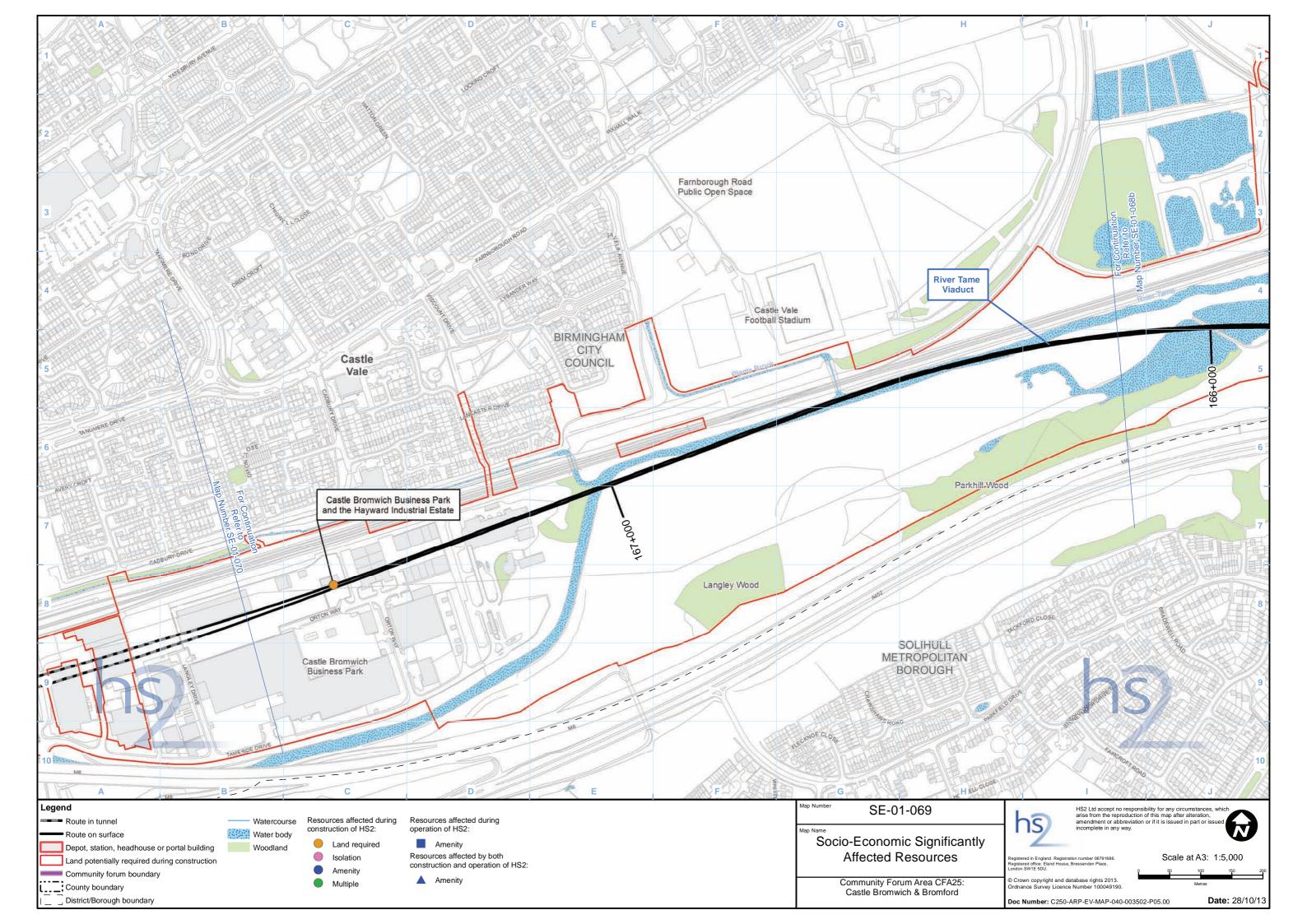


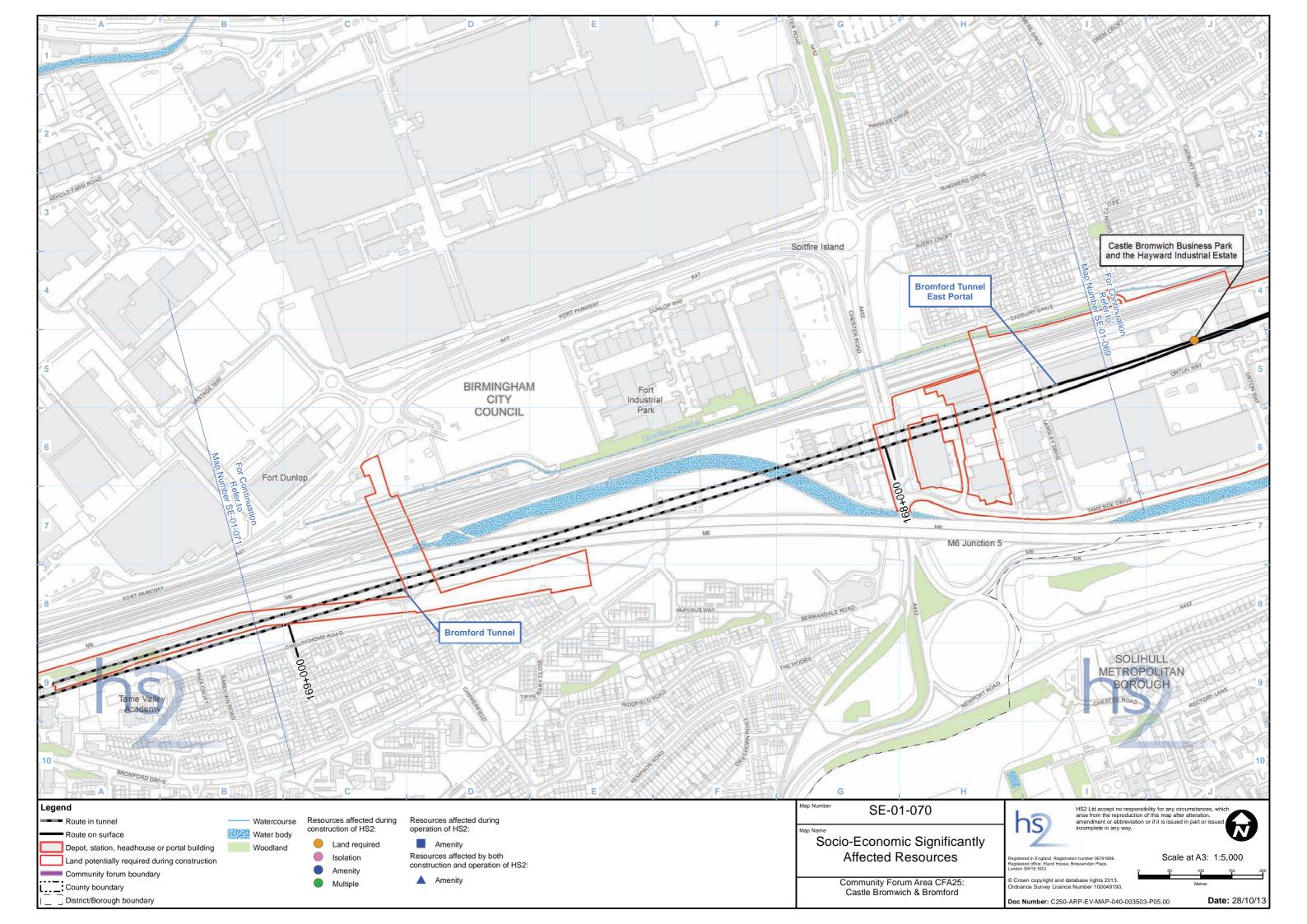
CFA25 | Castle Bromwich and Bromford

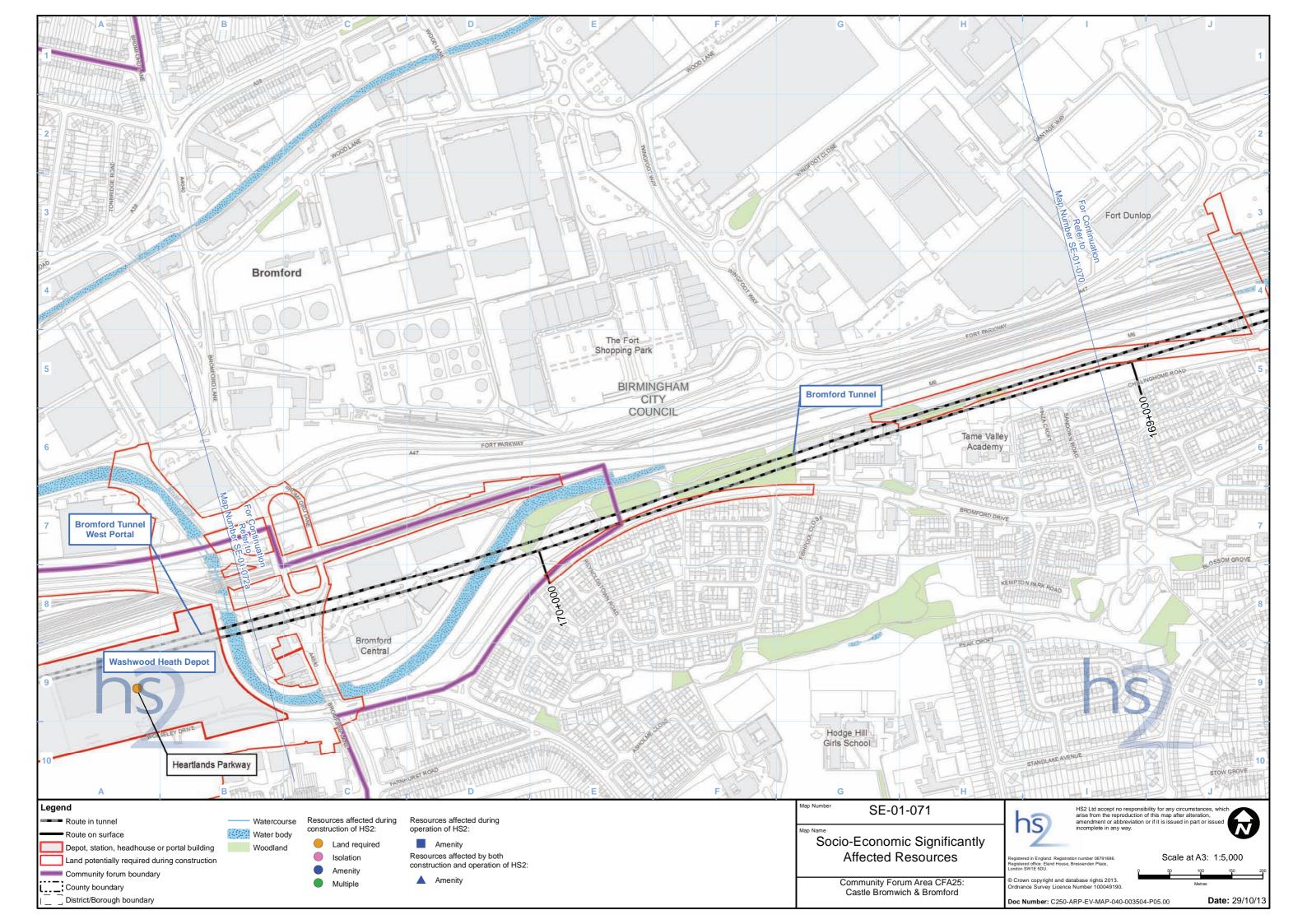
SE-o1 - Socio-Economic Significantly Affected Resources

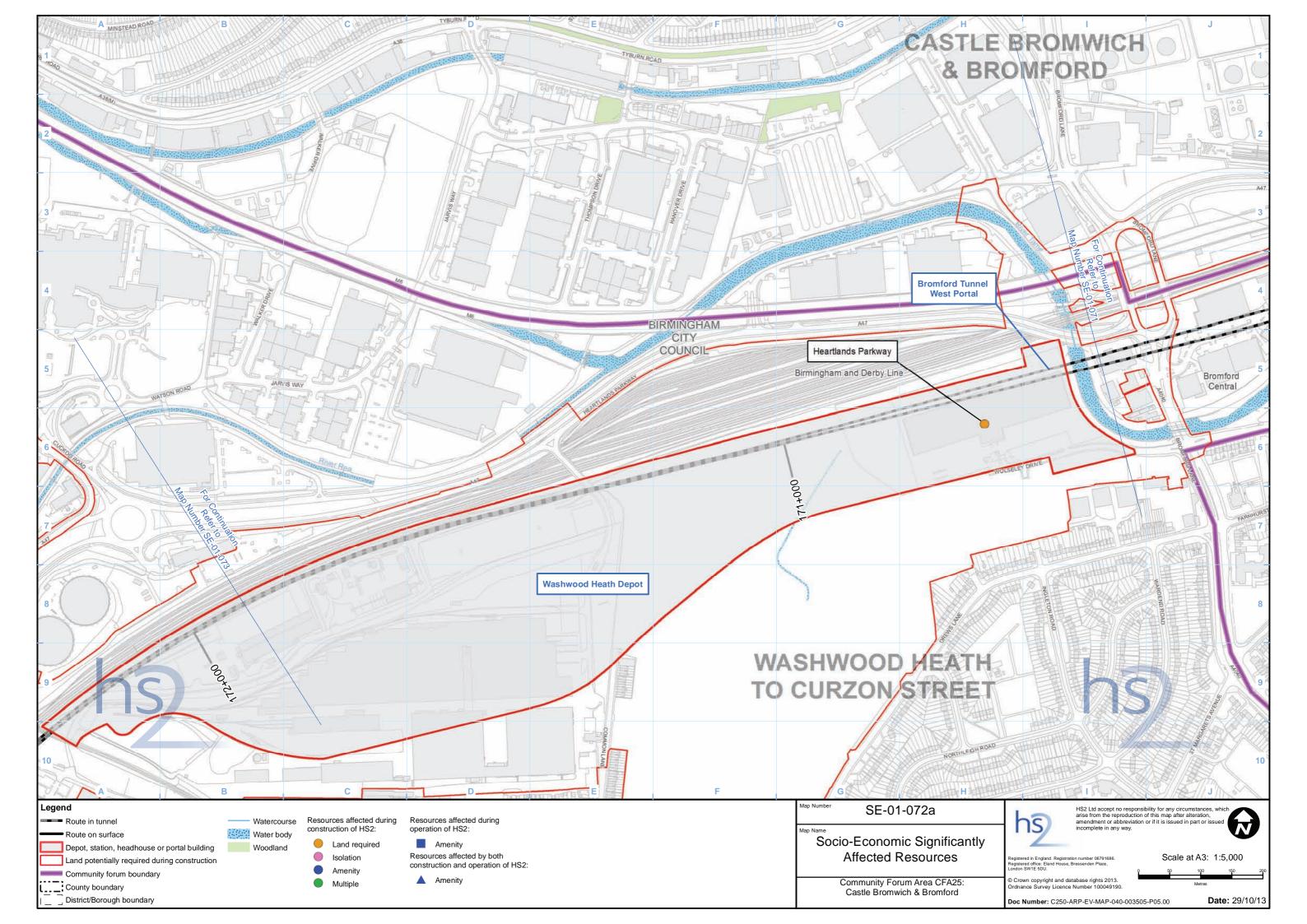


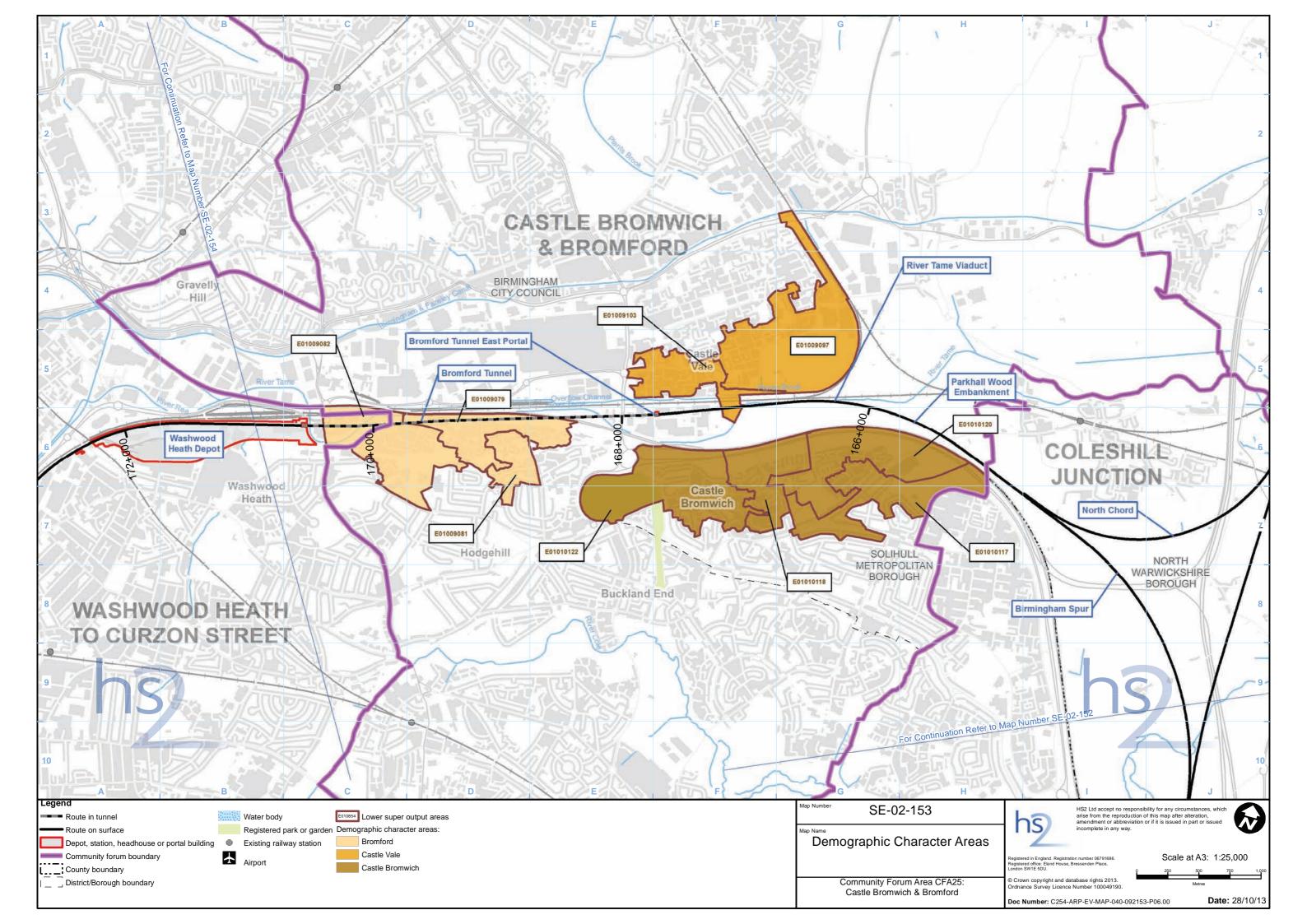








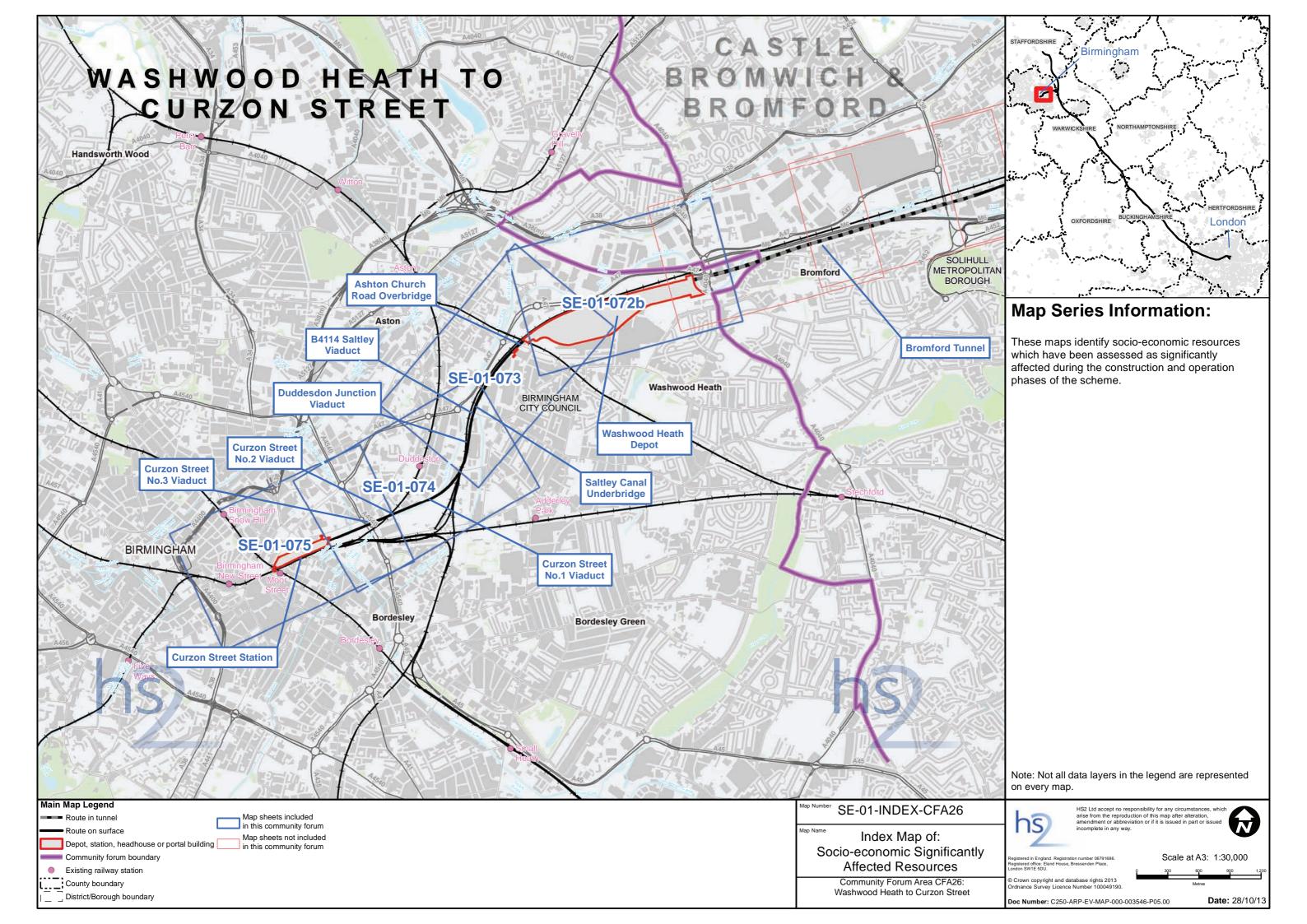


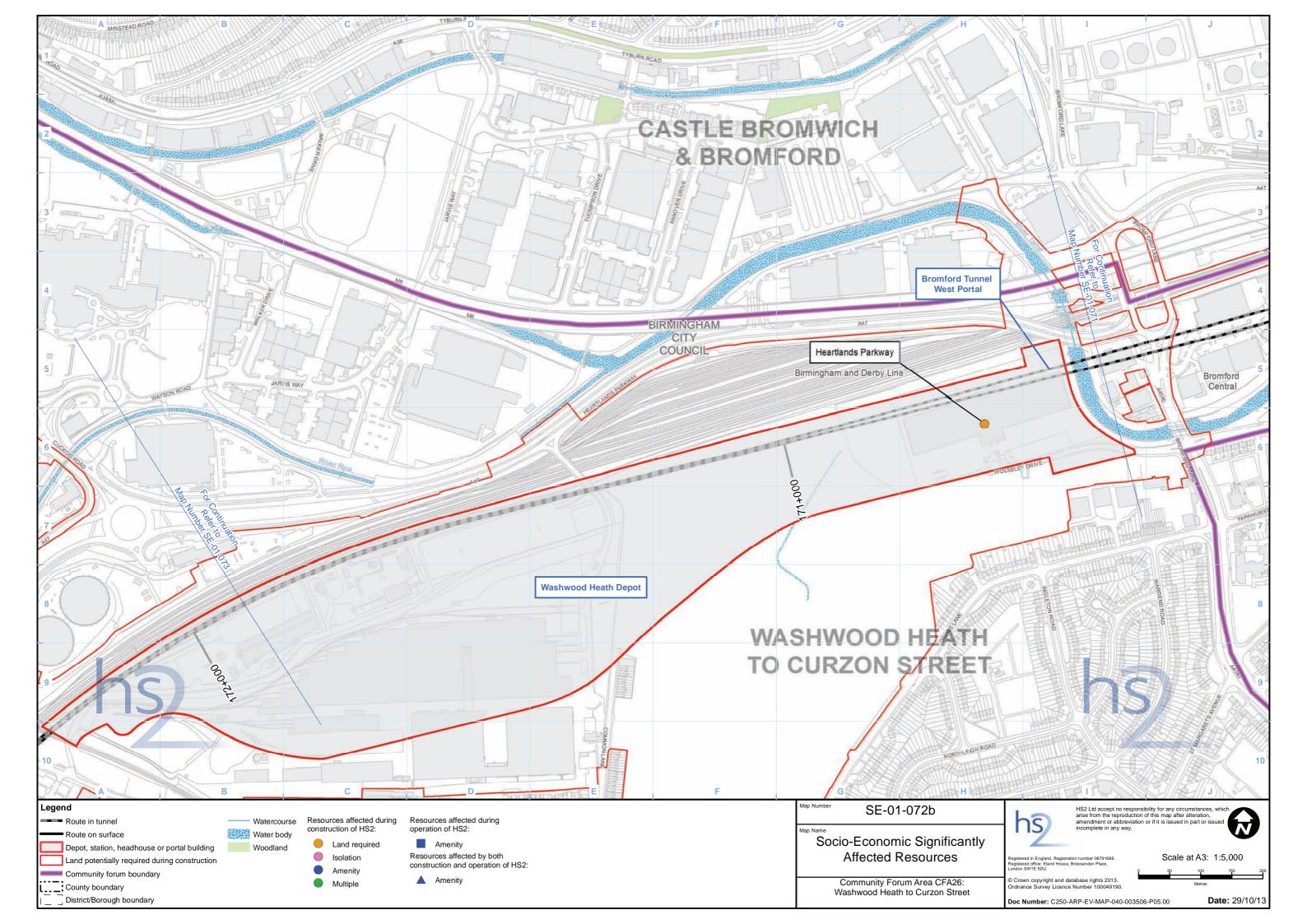


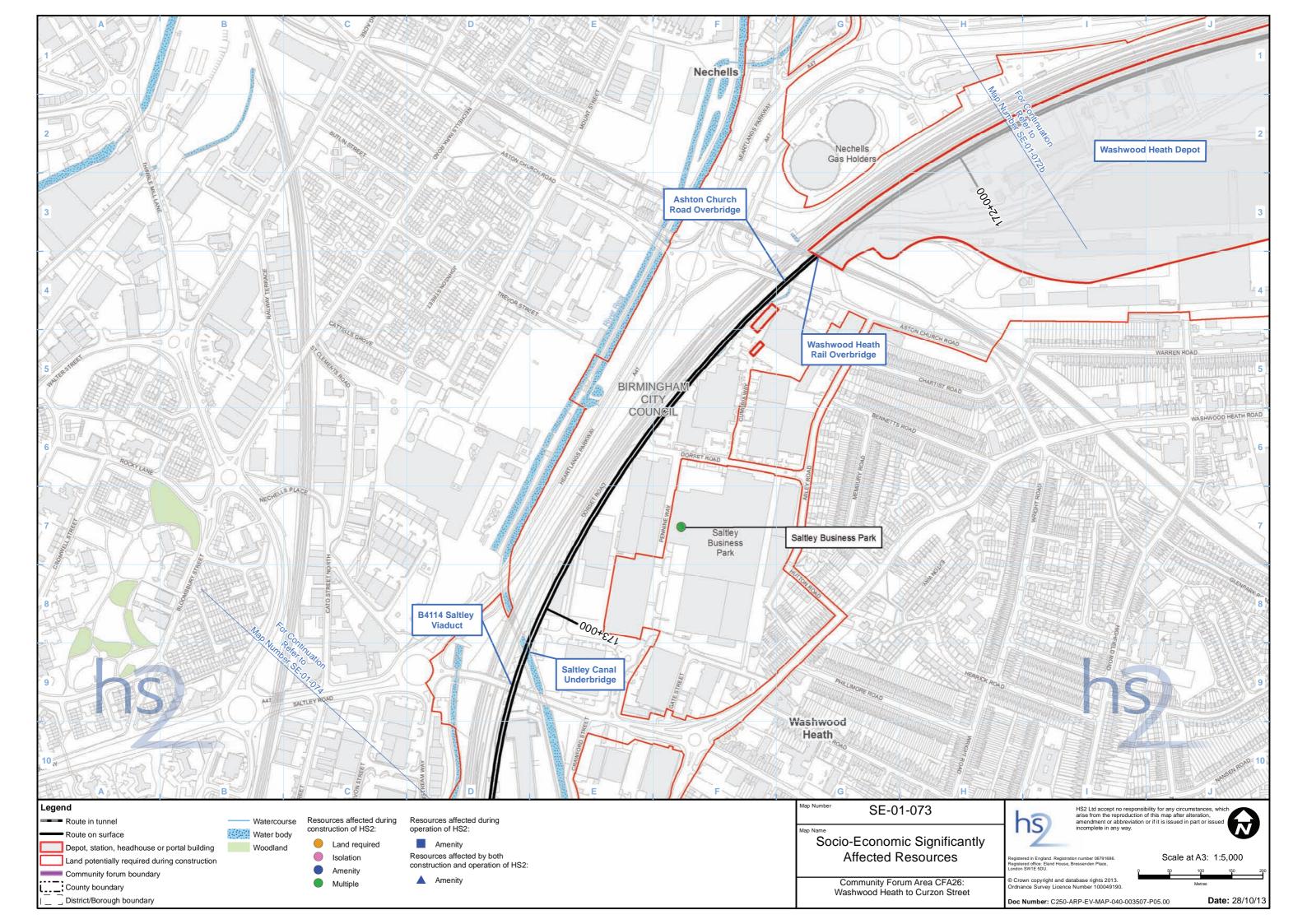


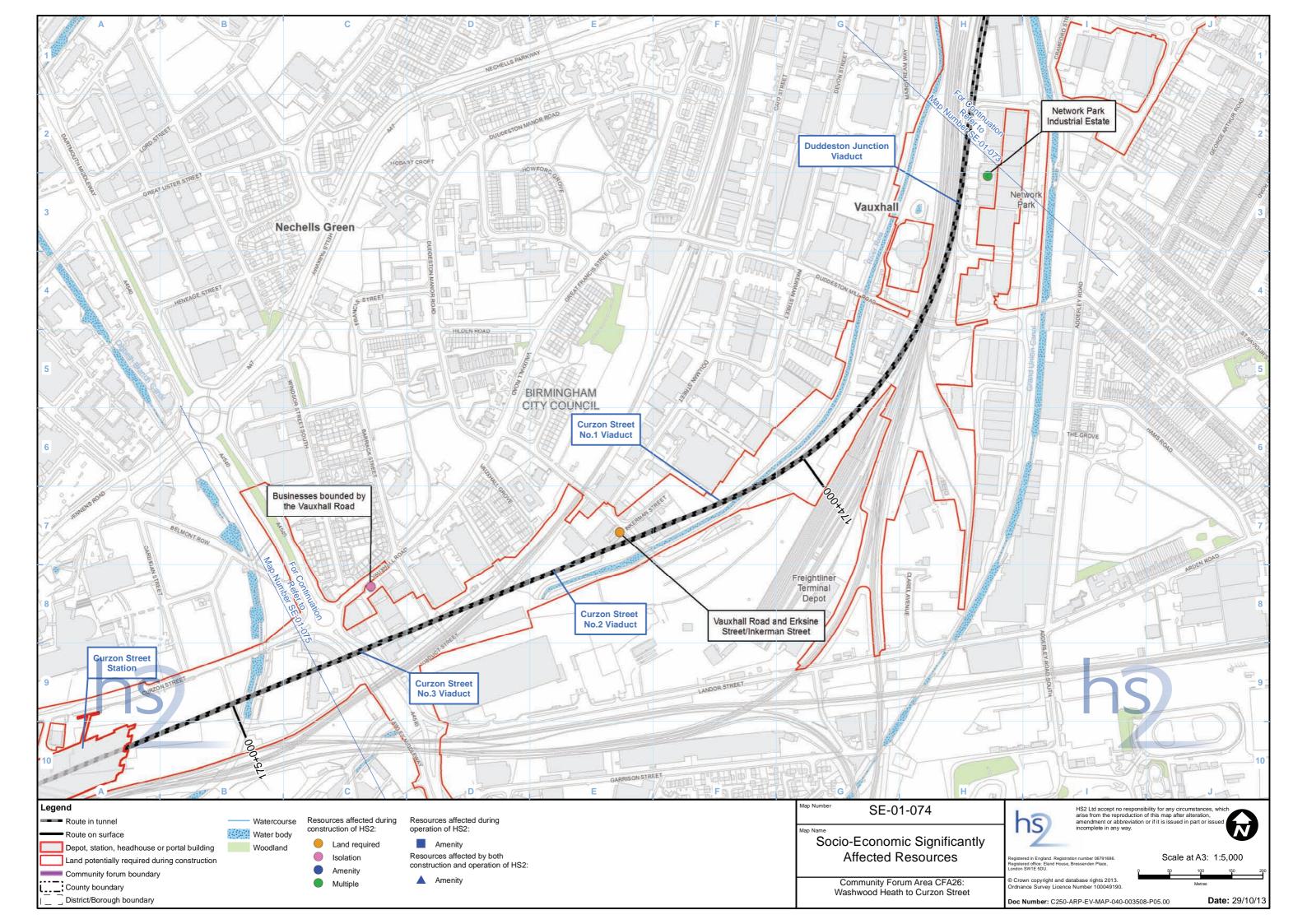
CFA₂6 | Washwood Heath to Curzon Street

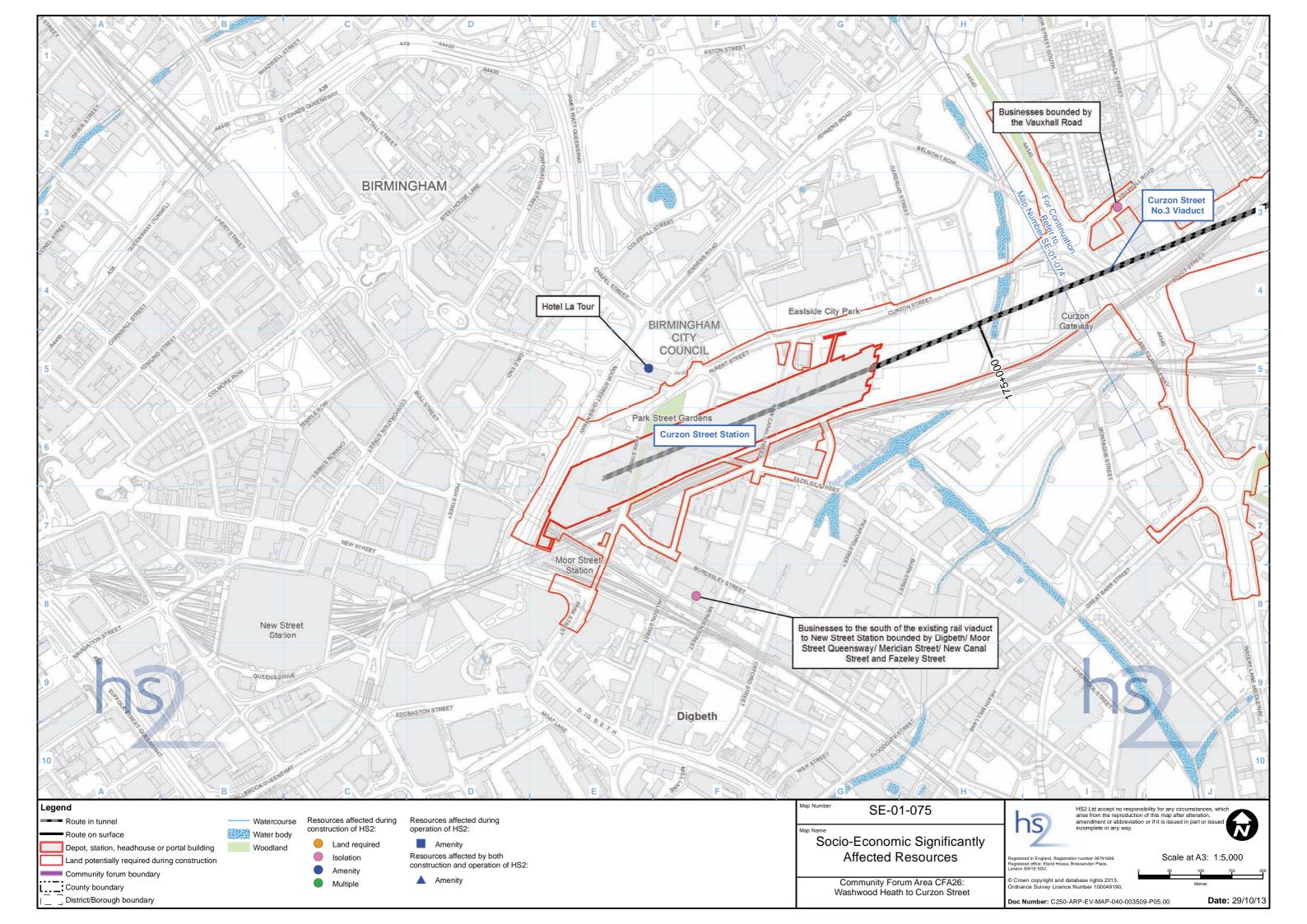
SE-o1 - Socio-Economic Significantly Affected Resources

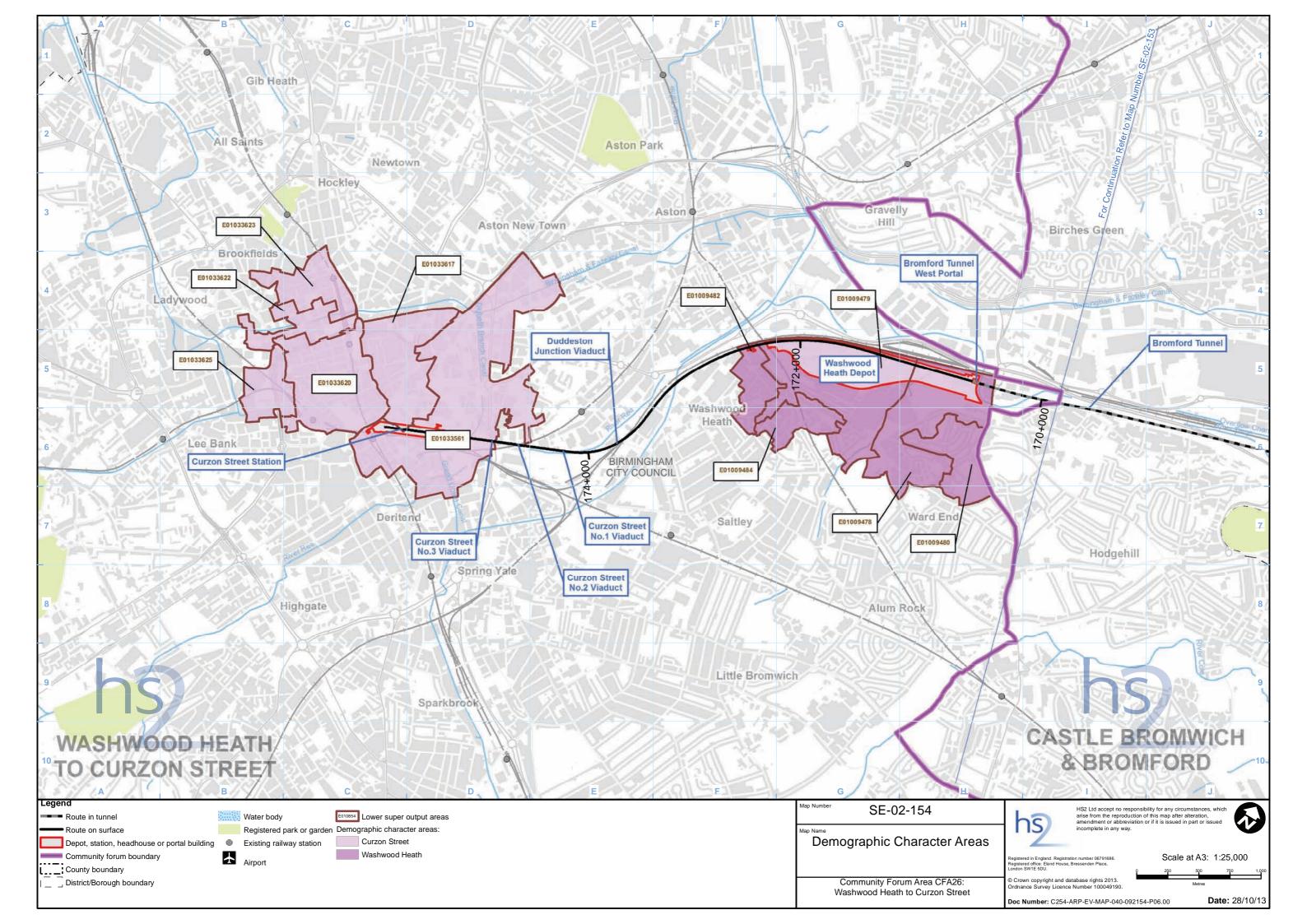












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