

M42 Junction 6 Improvement TR010027

5.2 Annex K (part 5.3)

S47 Consultation Materials

Regulation 5(2)(q)

Planning Act 2008

Infrastructure Planning (Applications: Prescribed
Forms and Procedure) Regulations 2009

Infrastructure Planning

Planning Act 2008

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

M42 Junction 6 Improvement

Development Consent Order 202[]

5.2 Consultation Report

Annex K (part 5.3): S47 Consultation Materials

Regulation Number	Regulation 5(2)(q)
Planning Inspectorate Scheme Reference	TR010027
Application Document Reference	5.2 Consultation Report Annex K(part 5.3)
Author	M42 Junction 6 Improvement, Project Team, Highways England

Version	Date	Status of Version
Rev 1	January 2019	DCO Application

Annex K Content

Part 1

1. s48 Notice
2. Statutory Public Consultation Brochure
3. Copy of the S47 Letters which went out to the local community, businesses, local organisations and people who had previously contacted Highways England about the Scheme
4. Copy of S47 Notice in the Birmingham Mail (04/01/2018)
5. Copy of S47 Notice in the Solihull News (05/01/2018)
6. Statutory Public Consultation poster/flyer
7. Statutory Public Consultation Exhibition Boards
8. Statutory Public Consultation Public Advert in the Birmingham Mail (21/12/2017)
9. Statutory Public Consultation Public Advert in the Solihull News (12/01/2018)
10. Statutory Public Consultation Public Advert in the Solihull News (22/12/2017)
11. Preliminary Environmental Information Report – Non-Technical Summary

Part 2

12. Scheme Plans – Overview of Scheme plan, aerial imagery of Scheme plan and redline boundary plan

Part 3

13. Preliminary Environmental Information Report

Part 4

14. Preliminary Environmental Information Report – Appendices (a)

Part 5.1

15. Preliminary Environmental Information Report – Appendices (b)

Part 5.2

16. Preliminary Environmental Information Report – Appendices (b)

Part 5.3

17. Preliminary Environmental Information Report – Appendices (b)



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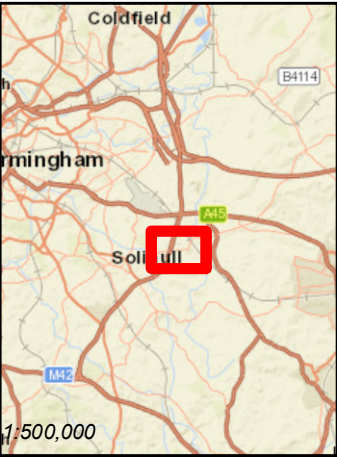
AECOM Limited
2 City Walk
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+44 (0)113 204 5000
www.aecom.com

Project Title:

M42 JUNCTION 6
IMPROVEMENT SCHEME

Client:
HIGHWAYS ENGLAND

Location Inset:



LEGEND

- Red Line Boundary
- 500m Study
- Proposed Scheme
- Viewpoint Location

Landscape Character Area
- LCA

- LCA1
- LCA2
- LCA3

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60543032

Drawing Title:

LANDSCAPE
VIEWPOINT V

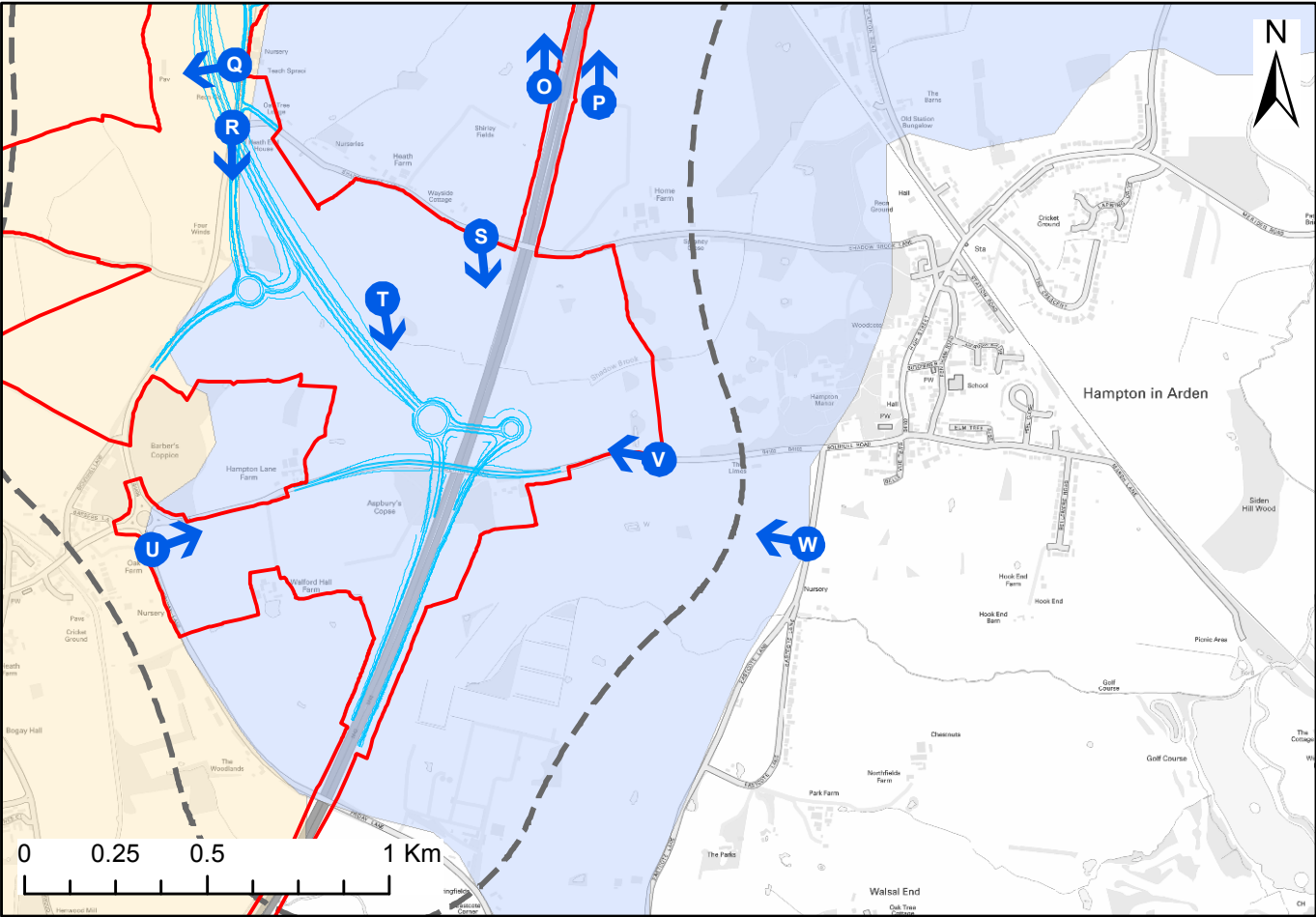
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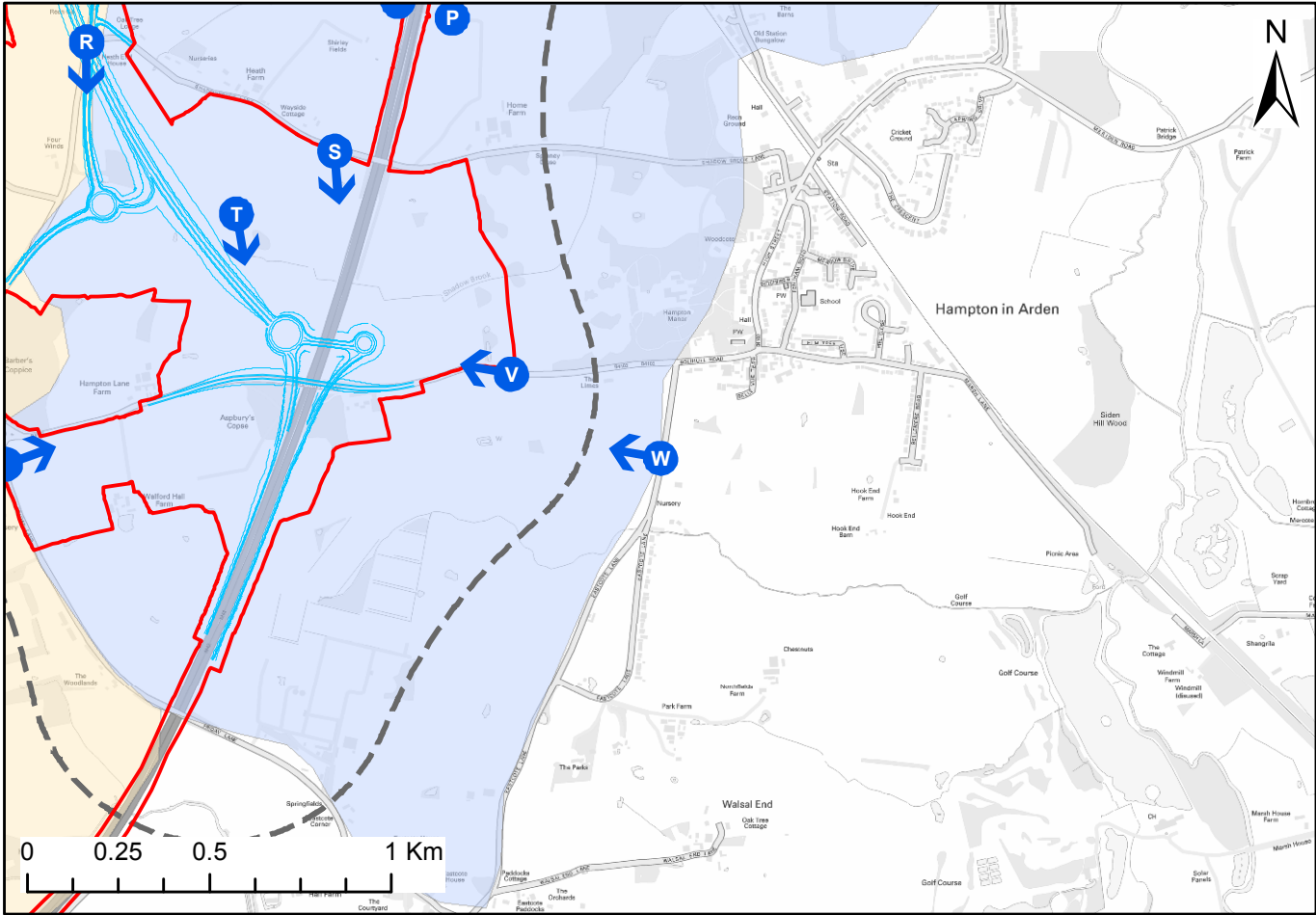
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FIGURE 7.2V 0

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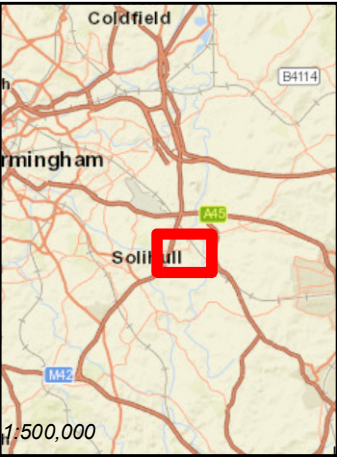


Project Title:

M42 JUNCTION 6
IMPROVEMENT SCHEME

Client:
HIGHWAYS ENGLAND

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LEGEND

- Red Line Boundary
- 500m Study
- Proposed Scheme
- Viewpoint Location

Landscape Character Area
- LCA

- LCA1
- LCA2
- LCA3

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LANDSCAPE
VIEWPOINT W

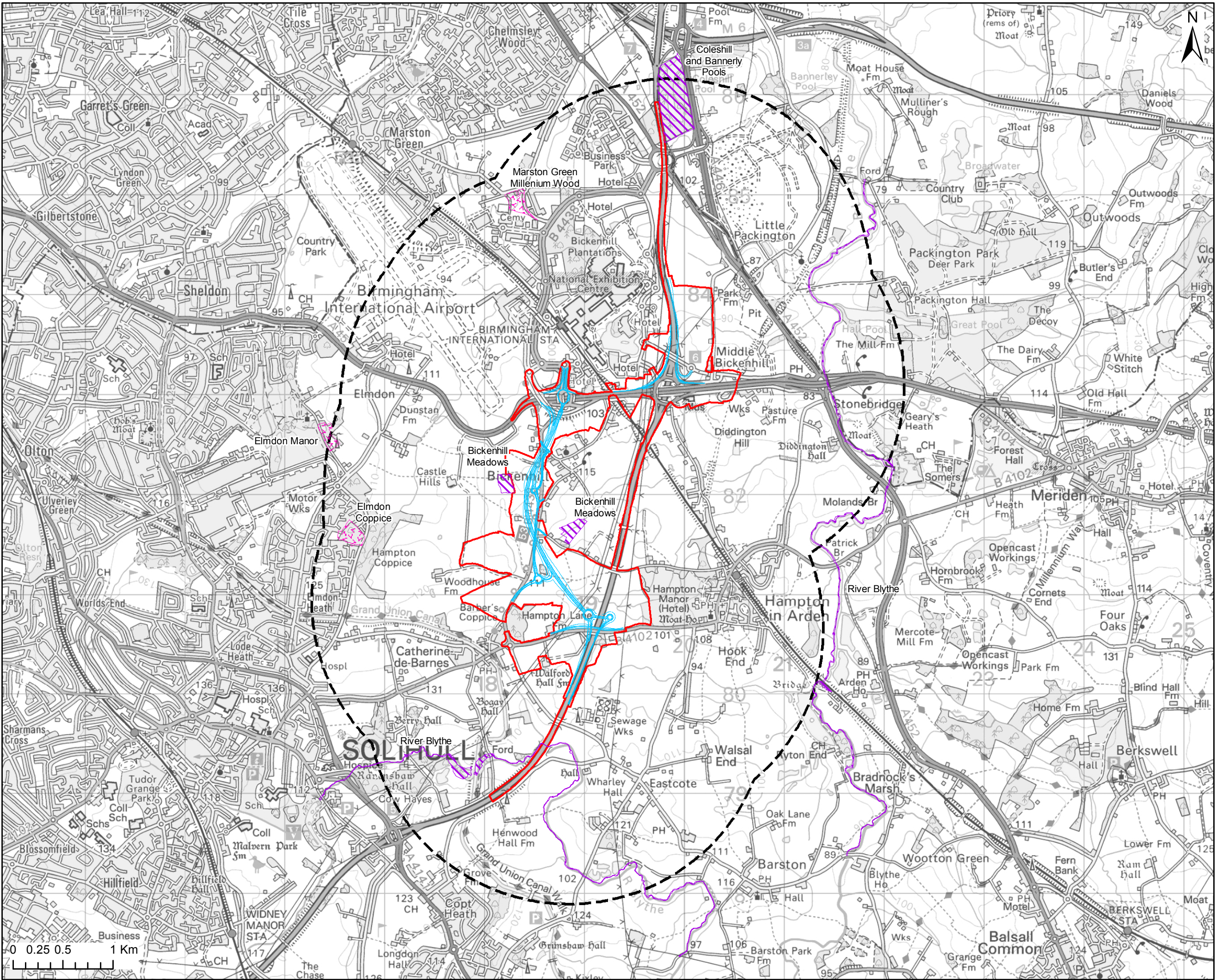
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FIGURE 7.2W 0

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**M42 JUNCTION 6
IMPROVEMENT SCHEME**

Client:

HIGHWAYS ENGLAND

Location Inset:



LEGEND

- Red Line Boundary
- Proposed Scheme
- 2km study area
- Site of Special Scientific Interest (SSI)
- Local Nature Reserve (LNR)

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**STATUTORY NATURE
CONSERVATION DESIGNATIONS
WITHIN THE STUDY AREA**

Scale at A3: 1:35,000

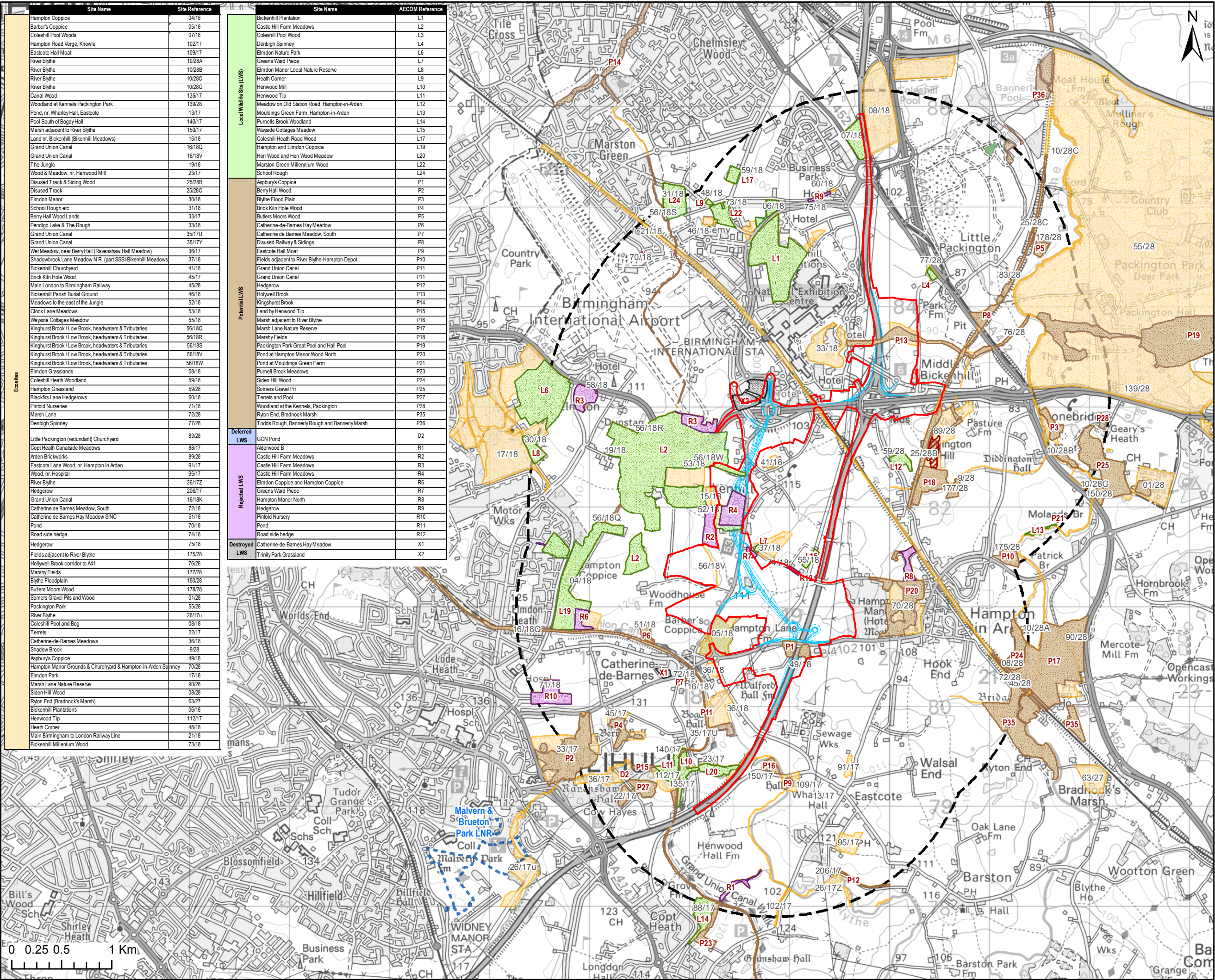
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FIGURE 8.1

0

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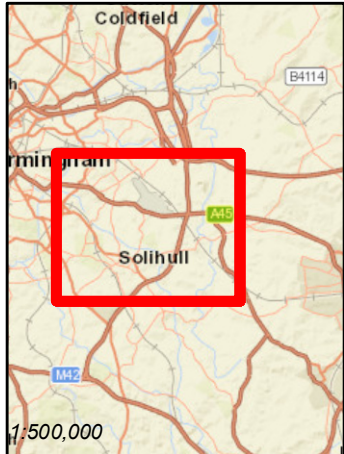
Project Title:

**M42 JUNCTION 6
IMPROVEMENT SCHEME**

Client:

HIGHWAYS ENGLAND

Location Inset:



LEGEND

- Red Line Boundary
- Proposed Scheme
- 2km study area
- Ancient Woodland
- Local Wildlife Site (LWS)
- Potential LWS
- Deferred LWS
- Destroyed LWS
- Rejected LWS
- Local Nature Reserve
- Local Geological Site
- Ecosite

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AECOM Internal Project No:

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Drawing Title:

**NON-STATUTORY NATURE
CONSERVATION DESIGNATIONS
WITHIN THE STUDY AREA**

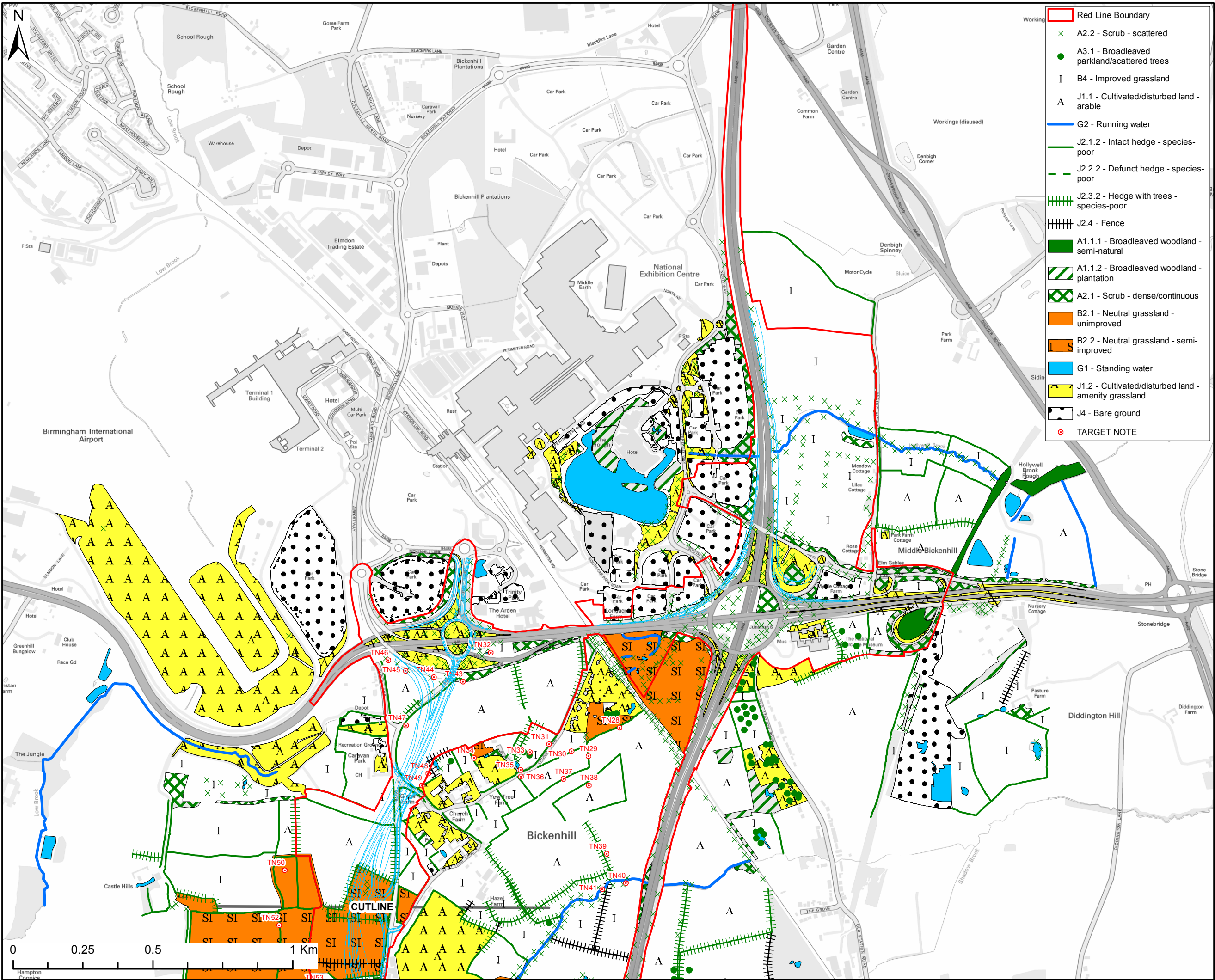
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FIGURE 8.2 **0**

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M42 JUNCTION 6
IMPROVEMENT SCHEME

Client:

HIGHWAYS ENGLAND

Location Inset:

1:500,000

LEGEND

- Red Line Boundary
- A2.2 - Scrub - scattered
- A3.1 - Broadleaved parkland/scattered trees
- B4 - Improved grassland
- J1.1 - Cultivated/disturbed land - arable
- G2 - Running water
- J2.1.2 - Intact hedge - species-poor
- J2.2.2 - Defunct hedge - species-poor
- J2.3.2 - Hedge with trees - species-poor
- J2.4 - Fence
- A1.1.1 - Broadleaved woodland - semi-natural
- A1.1.2 - Broadleaved woodland - plantation
- A2.1 - Scrub - dense/continuous
- B2.1 - Neutral grassland - unimproved
- B2.2 - Neutral grassland - semi-improved
- G1 - Standing water
- J1.2 - Cultivated/disturbed land - amenity grassland
- J4 - Bare ground
- TARGET NOTE

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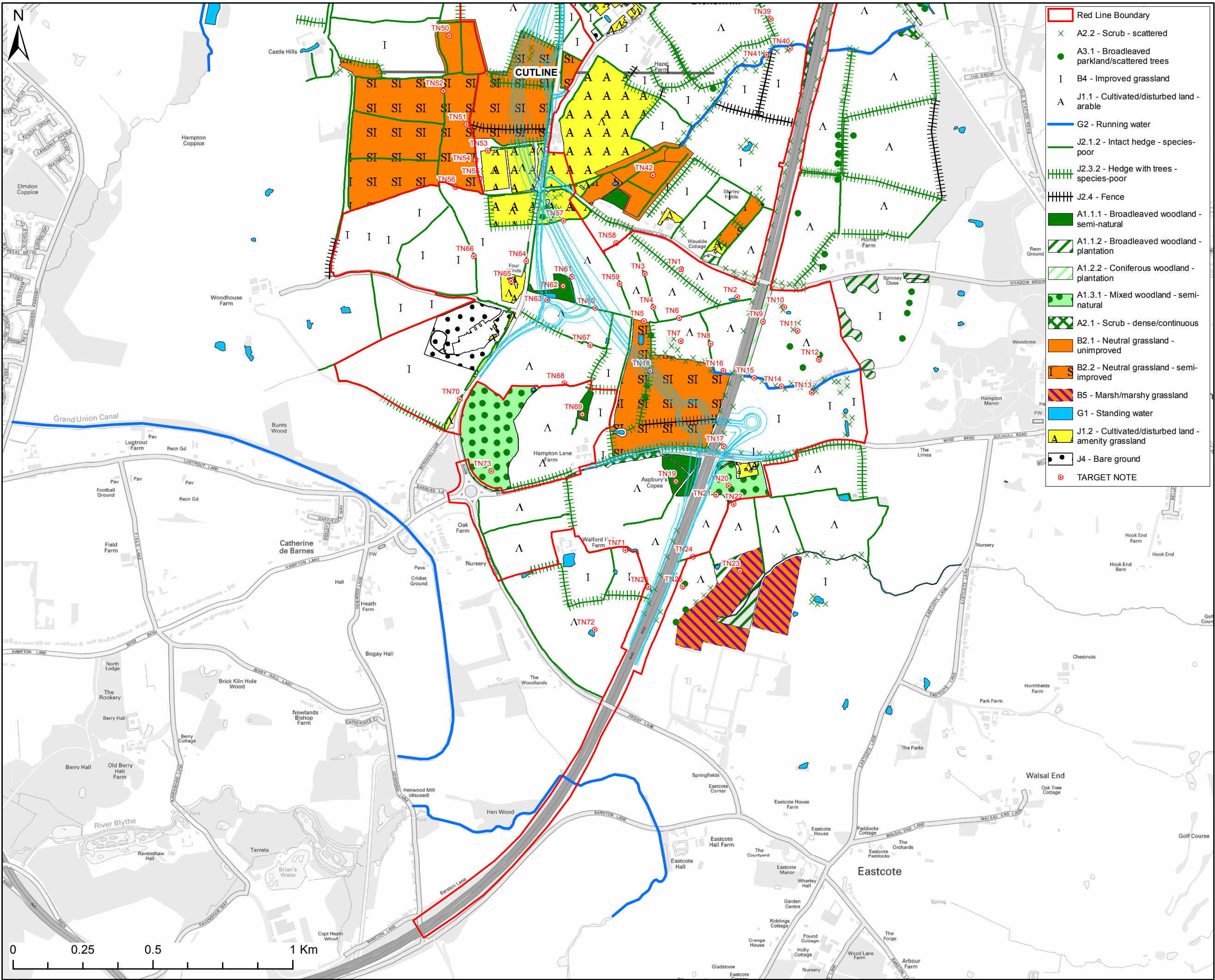
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PHASE 1 HABITAT
SURVEY
SHEET 1 OF 2

Scale at A3: 1:12,500

Drawing No: 0
Rev: 0

Drawn: Chk'd: App'd: Date:
GB MS MS 18/10/17



- Red Line Boundary
- A2.2 - Scrub - scattered
- A3.1 - Broadleaved parkland/scattered trees
- I

B4 - Improved grassland
- A

J1.1 - Cultivated/disturbed land - arable
- G2 - Running water
- J2.1.2 - Intact hedge - species-poor
- J2.3.2 - Hedge with trees - species-poor
- J2.4 - Fence
- A1.1.1 - Broadleaved woodland - semi-natural
- A1.1.2 - Broadleaved woodland - plantation
- A1.2.2 - Coniferous woodland - plantation
- A1.3.1 - Mixed woodland - semi-natural
- A2.1 - Scrub - dense/continuous
- B2.1 - Neutral grassland - unimproved
- B2.2 - Neutral grassland - semi-improved
- B5 - Marsh/marshy grassland
- G1 - Standing water
- J1.2 - Cultivated/disturbed land - amenity grassland
- J4 - Bare ground
- TARGET NOTE

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IMPROVEMENT SCHEME

Client:

HIGHWAYS ENGLAND

Location Inset:

1:500,000

LEGEND

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60543032

Drawing Title:

PHASE 1 HABITAT
SURVEY
SHEET 2 OF 2

Scale at A3: 1:12,500

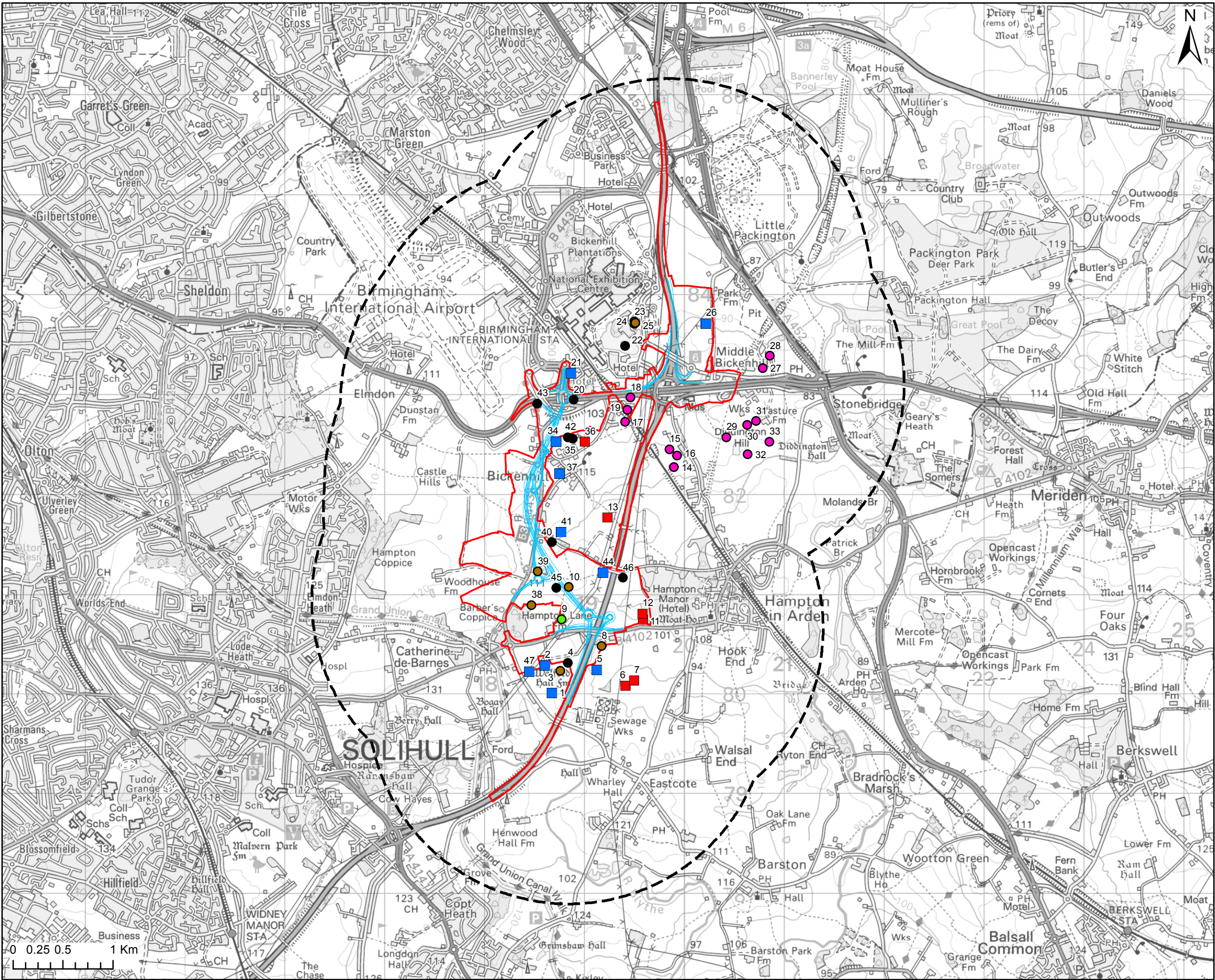
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FIGURE 8.3

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Filename: K:\Newproj\60543032 - M42 Jct 6\GIS\02_Maps\Ecology\FIGURE 8.3.mxd



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Project Title:

M42 JUNCTION 6
IMPROVEMENT SCHEME

Client:

HIGHWAYS ENGLAND

Location Inset:



LEGEND

- Red Line Boundary
- Proposed Scheme
- 2km study area
- Great crested newt survey
 - Surveyed: GCN Found
 - Surveyed: No GCN Found
 - Not Surveyed: Pond Dry
 - Not Surveyed: access denied
 - Not Surveyed: pond not accessible
 - Not Surveyed: pond scoped out poor HSI

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AECOM Internal Project No:

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Drawing Title:

GREAT CRESTED
NEWT SURVEY

Scale at A3: 1:35,000

Drawing No: Rev:

FIGURE 8.4

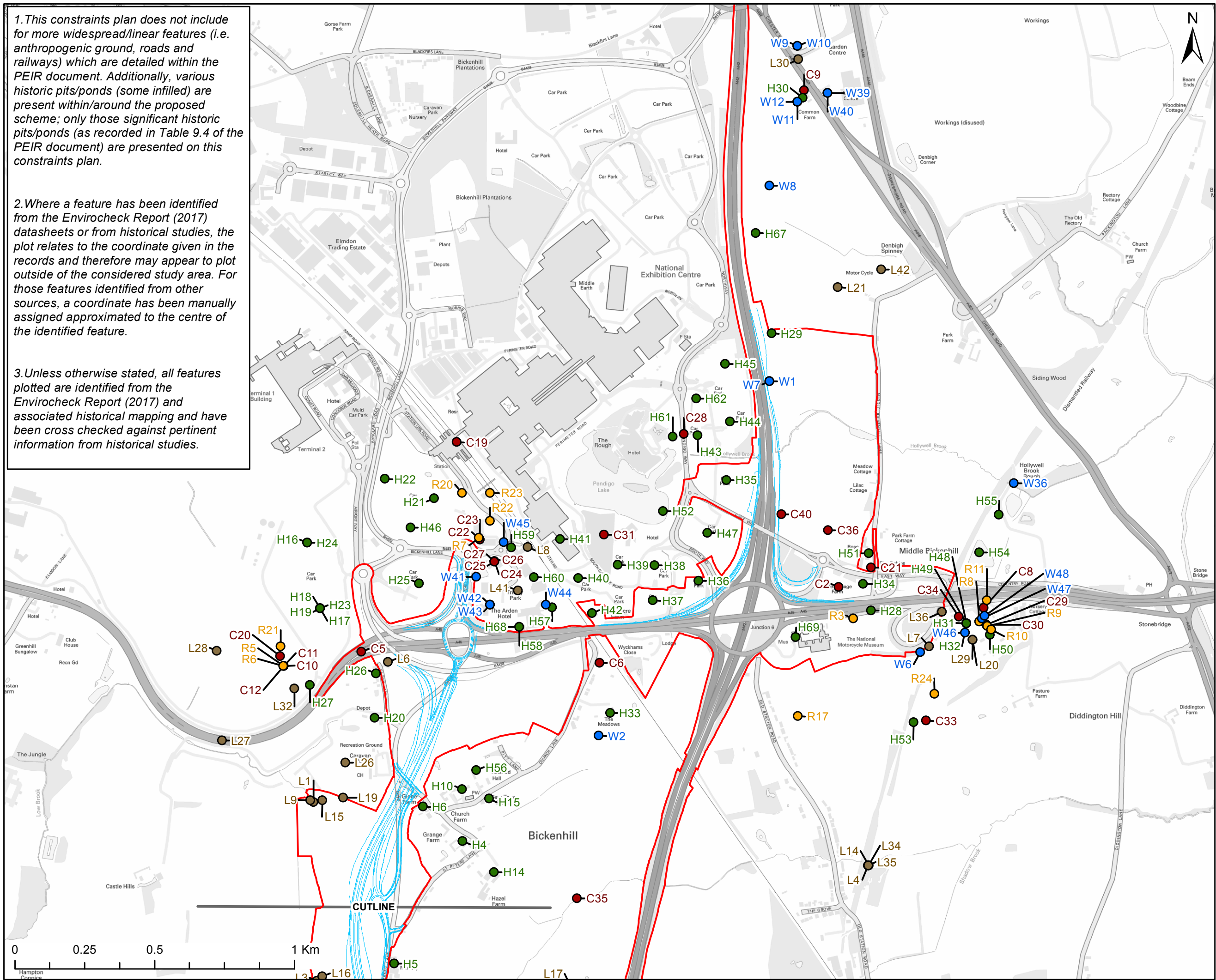
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1. This constraints plan does not include for more widespread/linear features (i.e. anthropogenic ground, roads and railways) which are detailed within the PEIR document. Additionally, various historic pits/ponds (some infilled) are present within/around the proposed scheme; only those significant historic pits/ponds (as recorded in Table 9.4 of the PEIR document) are presented on this constraints plan.

2. Where a feature has been identified from the Envirocheck Report (2017) datasheets or from historical studies, the plot relates to the coordinate given in the records and therefore may appear to plot outside of the considered study area. For those features identified from other sources, a coordinate has been manually assigned approximated to the centre of the identified feature.

3. Unless otherwise stated, all features plotted are identified from the Envirocheck Report (2017) and associated historical mapping and have been cross checked against pertinent information from historical studies.



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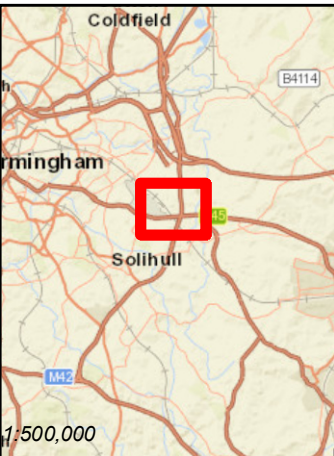
Project Title:

**M42 JUNCTION 6
IMPROVEMENT SCHEME**

Client:

HIGHWAYS ENGLAND

Location Inset:



LEGEND

— Red Line Boundary

— Proposed Scheme

Contemporary Trade
Directory Entries, BGS
Mineral Sites and Features
Identified from Historical
Studies/Site Walkover

● Historical Land Use

● Landfills and Other Waste
Features

● Other Regulated Activities

● Water Abstractions and
Discharge Consents

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Drawing Title:

**GEOLOGY AND SOILS
– PRELIMINARY
CONSTRAINTS PLAN**

Scale at A3: 1:12,500

Drawing No: **Rev:**

FIGURE 1

01

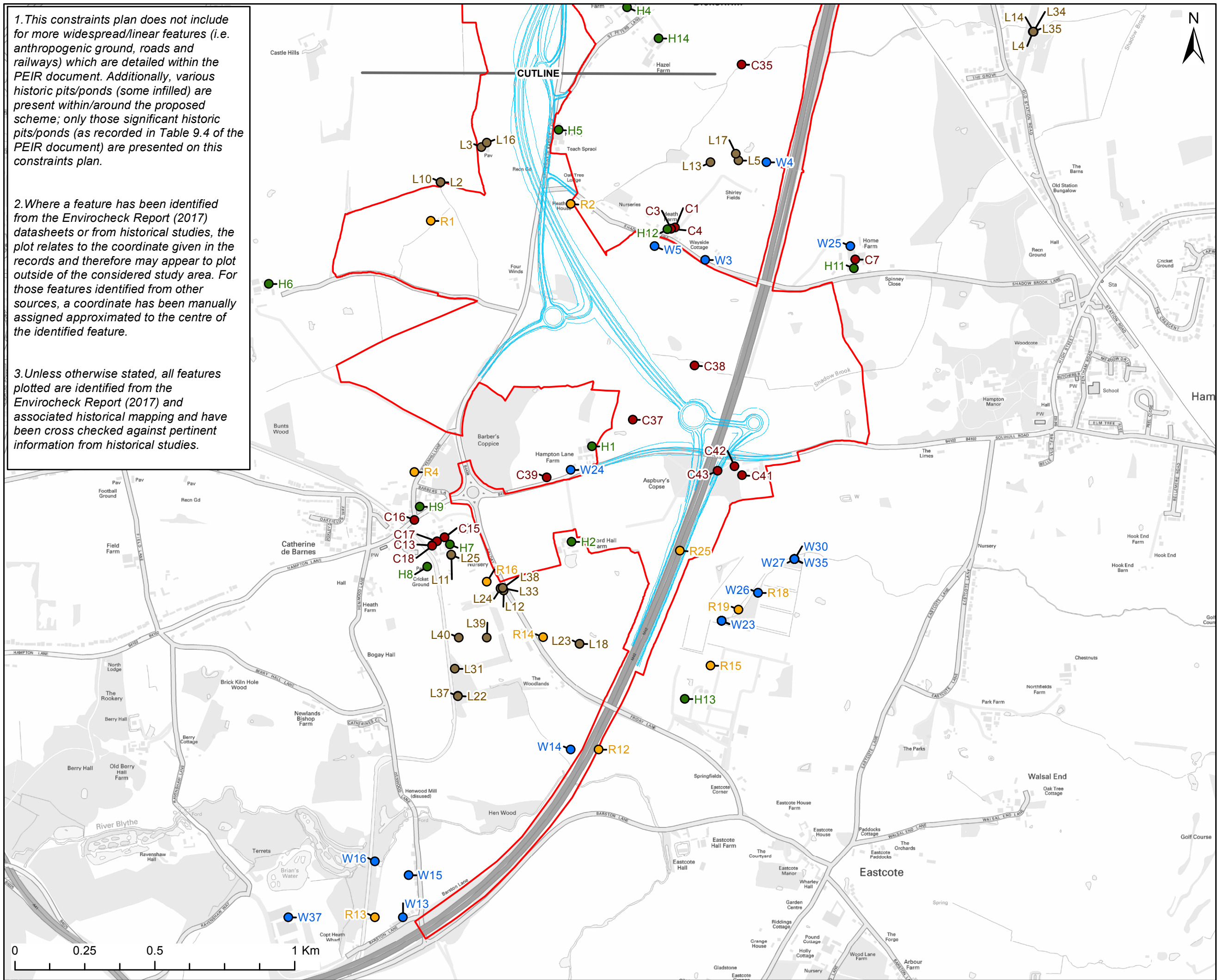
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GB MS MS 12/12/17

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2. Where a feature has been identified from the Envirocheck Report (2017) datasheets or from historical studies, the plot relates to the coordinate given in the records and therefore may appear to plot outside of the considered study area. For those features identified from other sources, a coordinate has been manually assigned approximated to the centre of the identified feature.

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Project Title:

M42 JUNCTION 6
IMPROVEMENT SCHEME

Client:

HIGHWAYS ENGLAND

Location Inset:



LEGEND

Red Line Boundary

Proposed Scheme

Contemporary Trade
Directory Entries, BGS
Mineral Sites and Features
Identified from Historical
Studies/Site Walkover

Historical Land Use

Landfills and Other Waste
Features

Other Regulated Activities

Water Abstractions and
Discharge Consents

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AECOM Internal Project No:

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Drawing Title:

GEOLOGY AND SOILS
– PRELIMINARY
CONSTRAINTS PLAN

Scale at A3: 1:12,500

Drawing No: Rev:

FIGURE 2

01

Drawn: Chk'd: App'd: Date:

GB MS MS 12/12/17

Geology and Soils – Preliminary Constraints Plan Legend

Reference	Feature Classification	Record Type	Name and/or Description
C1	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Farm	Heath Farm
C2	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Farm	Myrtle Cottage Farm
C3	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Industrial	Office Furniture & Equipment; Central Design Services
C4	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Industrial	Distribution Services (Depot?) - Neowave Distribution
C5	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Industrial	Distribution Services (Depot?) Magnum Distribution
C6	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Industrial	Sand, Gravel & Other Aggregates - Lafarge Aggregates
C7	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Industrial	Commercial Cleaning Services - J M Ellis Holdings Ltd
C8	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Farm	Home Farm
C9	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Farm	Nursery Cottages
C10	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Farm	Common Farm
C11	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Fuel Filling Stations	Petrol Filling Stations - Esso
C12	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Fuel Filling Stations	Anne's Pantry

Geology and Soils – Preliminary Constraints Plan Legend

Reference	Feature Classification	Record Type	Name and/or Description
C13	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Fuel Filling Stations	Bickenhill Service station
C14	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Garage	
C15	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Industrial	Bath Resurfacing - Alscot Bathroom Company
C16	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Industrial	Bath Resurfacing - Alscot Bathroom Company
C17	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Industrial	Furniture Manufacturers - Home & Office - Oaktree Frames
C18	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Industrial	Floor Cleaning & Polishing Equipment - Manufacturers & Distributors - Koalaflor
C19	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Industrial	Car Accessories Manufacturers - Trekkers Ltd
C20	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Industrial	Railway station - Birmingham International
C21	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Industrial	Salvage Dealers - Motor Salvage (UK) Ltd
C22	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Industrial	Crane Hire, Sales & Service - Dewsbury & Proud
C23	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Industrial	Cement Manufacturers & Distributors - Tarmac
C24	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Industrial	Cement Manufacturers & Distributors - Tarmac

Reference	Feature Classification	Record Type	Name and/or Description
C25	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Industrial	Medical Equipment Manufacturers - Ferraris Group Plc
C26	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Industrial	Telecommunications Equipment & Systems - Detewe Ltd
C27	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Industrial	Concrete Products - Greenspan Ltd
C28	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Industrial	Freight Forwarders- Now Cargo Ltd
C29	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Industrial	Freight Forwarders- First Port Shipping
C30	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Industrial	Pottery Manufacturers & Suppliers - Denby
C31	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Industrial	Concrete & Mortar Ready Mixed - Lafarge Aggregates Ltd
C32	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Industrial	Crane Hire, Sales & Service - N M T Crane Hire
C33	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Industrial	Catering Equipment - Procook
C34	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Industrial	Lingerie & Hosiery Manufacturers & Wholesalers - Scala Agenturen Ltd
C35	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Quarry	Mercia Mudstone Group; Common Clay and Shale - Opencast - Arden Landfill
C36	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Quarry	Mercia Mudstone Group, Common Clay and Shale - Opencast - Middle Bickenhill Brick Works

Geology and Soils – Preliminary Constraints Plan Legend

Reference	Feature Classification	Record Type	Name and/or Description
C37	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Tip	Tip
C38	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Tip	Contractors unsuitable tip
C39	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Waste	Agricultural waste dump
C40	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Waste	Previous agricultural waste dump
C41	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Waste	Pit infilled with waste
C42	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Tip	Contractors unsuitable tip
C43	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Waste	Infilled Ground - Pit partially backfilled with domestic refuse
C44	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Other Waste Feature	Fly-tipped material comprising used tyres and demolition rubble
C45	Contemporary Trade Directory Entries, BGS Mineral Sites and Features Identified from Historical Studies/Site Walkover	Other Waste Feature	Fly-tipped material comprising used tyres
H1	Historical Land Use	Farm	Hampton Lane Farm
H2	Historical Land Use	Farm	Walford Hall Farm
H3	Historical Land Use	Farm	Woodhouse Farm
H4	Historical Land Use	Farm	Grange Farm
H5	Historical Land Use	Nursery (Horticulture)	Braceys Nurseries and Garden Centre
H6	Historical Land Use	Farm	Glebe Farm
H7	Historical Land Use	Farm	Oak Farm

Geology and Soils – Preliminary Constraints Plan Legend

Reference	Feature Classification	Record Type	Name and/or Description
H8	Historical Land Use	Sewage Works	Sewage Farm Solihull RDC
H9	Historical Land Use	Works	Unnamed
H10	Historical Land Use	Farm	Church Farm
H11	Historical Land Use	Farm	Home Farm (pump present in 1977)
H12	Historical Land Use	Farm	Heath Farm
H13	Historical Land Use	Sewage Works	Birmingham Tame and Rea Drainage Board
H14	Historical Land Use	Farm	Hazel Farm
H15	Historical Land Use	Farm	Yew Tree Farm
H16	Historical Land Use	Farm	Hurdle Hall
H17	Historical Land Use	Works	Scaffolding Factory
H18	Historical Land Use	Depot	Un-named
H19	Historical Land Use	Tank	Tank associated with Depot at same location
H20	Historical Land Use	Depot	Un-named
H21	Historical Land Use	Car Park	Airport/Train station car park
H22	Historical Land Use	Car Park	Airport/Train station expanded car park
H23	Historical Land Use	Car Park	NEC/Airport Overspill car park (Car Park 4)
H24	Historical Land Use	Car Park	NEC/Airport Overspill car park
H25	Historical Land Use	Car Park	NEC/Airport Overspill car park (Car Park 6)
H26	Historical Land Use	Sewage Works	Sewage Pumping Station (Clock Lane)
H27	Historical Land Use	Garage	Unnamed
H28	Historical Land Use	Farm	Cottage Farm
H29	Historical Land Use	Farm	Warren Farm
H30	Historical Land Use	Farm	Bickenhill Common Farm
H31	Historical Land Use	Brick works	Un-named

Geology and Soils – Preliminary Constraints Plan Legend

Reference	Feature Classification	Record Type	Name and/or Description
H32	Historical Land Use	Tank	Associated with brick works
H33	Historical Land Use	Nursery (Horticulture)	The Meadows?
H34	Historical Land Use	Farm	Myrtle Cottage Farm
H35	Historical Land Use	Car Park	NEC Eastern
H36	Historical Land Use	Car Park	NEC SE 1
H37	Historical Land Use	Car Park	NEC Southern Carpark
H38	Historical Land Use	Car Park	NEC Central
H39	Historical Land Use	Car Park	NEC centre south
H40	Historical Land Use	Car Park	NEC SW
H41	Historical Land Use	Car Park	NEC West - Genting Arena
H42	Historical Land Use	Farm	Longacre Farm
H43	Historical Land Use	Car Park	NEC NE 1
H44	Historical Land Use	Car Park	NEC NE 2
H45	Historical Land Use	Car Park	NEC North
H46	Historical Land Use	Industrial Estate	Trinity Park
H47	Historical Land Use	Car Park	NEC SE 2
H48	Historical Land Use	Refuse Tip	Un-named
H49	Historical Land Use	Depot	Brickworks depot
H50	Historical Land Use	Works	Works
H51	Historical Land Use	Depot	Adj to Myrtle Cottage Farm
H52	Historical Land Use	Pond	Pendigo Lake (man-made)
H53	Historical Land Use	Pond	Pit (disused)
H54	Historical Land Use	Quarry	Sand and Gravel Pit
H55	Historical Land Use	Quarry	Conveyors

Geology and Soils – Preliminary Constraints Plan Legend

Reference	Feature Classification	Record Type	Name and/or Description
H56	Historical Land Use	Works	Unnamed
H57	Historical Land Use	Builders Yard	Unnamed
H58	Historical Land Use	Fuel Filling Station	Esso
H59	Historical Land Use	Electricity Substation	Unnamed
H60	Historical Land Use	Electricity Substation	Unnamed
H61	Historical Land Use	Pond	Spinney Pool
H62	Historical Land Use	Electricity Substation	Unnamed
H63	Historical Land Use	Pond	Coleshill Pool - splits into 2 ponds in 1999
H64	Historical Land Use	Farm	Common Farm Cottage
H65	Historical Land Use	Farm	Brackenlands Farm
H66	Historical Land Use	Industrial Estate	Warehouse (Fujitsu) - Part of Birmingham Business Park - expanded 2006 and 2017
H67	Historical Land Use	Quarry	Quarry identified from historical studies. Detailed historical mapping from the Envirocheck Report (2017) does not cover this and so this feature is carried through. It should be noted that the feature is not apparent from review of the historical mapping extracts included within historical studies, only from information within the text.
H68	Historical Land Use	Electricity Substation	Adjacent to Esso Fuel Filling Station
H69	Historical Land Use	Electricity Substation	Associated with The National Motorcycle Museum
L1	Landfills and Other Waste Features	Historic Landfill	Glebe Farm
L2	Landfills and Other Waste Features	Historic Landfill	Castle Hills Farm
L3	Landfills and Other Waste Features	Historic Landfill	Bickenhill Lane
L4	Landfills and Other Waste Features	Historic Landfill	Jacksons Brickworks
L5	Landfills and Other Waste Features	Historic Landfill	Shadowbrook Lane
L6	Landfills and Other Waste Features	Historic Landfill	Site Corner Clock Lane
L7	Landfills and Other Waste Features	Historic Landfill	Jacksons Brickworks
L8	Landfills and Other Waste Features	Historic Landfill	Windbridge Nurseries
L9	Landfills and Other Waste Features	Local Authority Recorded Landfill	Mercon Construction

Geology and Soils – Preliminary Constraints Plan Legend

Reference	Feature Classification	Record Type	Name and/or Description
L10	Landfills and Other Waste Features	Local Authority Recorded Landfill	Castlehill Farm
L11	Landfills and Other Waste Features	Local Authority Recorded Landfill	Friday Lane
L12	Landfills and Other Waste Features	Local Authority Recorded Landfill	Friday Lane
L13	Landfills and Other Waste Features	Local Authority Recorded Landfill	Shadow Brook Lane
L14	Landfills and Other Waste Features	Local Authority Recorded Landfill	Jacksons Brickworks
L15	Landfills and Other Waste Features	Registered Landfill Sites	Mercon Construction Ltd
L16	Landfills and Other Waste Features	Registered Landfill Sites	Sheridan Contractors
L17	Landfills and Other Waste Features	Registered Landfill Sites	B J O' Reilly & Sons Ltd
L18	Landfills and Other Waste Features	BGS Recorded Landfill	Walford Hall Farm
L19	Landfills and Other Waste Features	BGS Recorded Landfill	Church Farm
L20	Landfills and Other Waste Features	BGS Recorded Landfill	Jacksons Brickworks
L21	Landfills and Other Waste Features	BGS Recorded Landfill	Denbigh Spinney
L22	Landfills and Other Waste Features	Historic Landfill	Friday Lane
L23	Landfills and Other Waste Features	Historic Landfill	Walford Hall Farm
L24	Landfills and Other Waste Features	Historic Landfill	Friday Lane
L25	Landfills and Other Waste Features	Historic Landfill	Friday Lane
L26	Landfills and Other Waste Features	Historic Landfill	Opposite Church Farm
L27	Landfills and Other Waste Features	Historic Landfill	Hargrave Farm
L28	Landfills and Other Waste Features	Historic Landfill	Hargrave Farm
L29	Landfills and Other Waste Features	Historic Landfill	Rear of Jacksons Brickworks
L30	Landfills and Other Waste Features	Historic Landfill	Brackenlands Farm
L31	Landfills and Other Waste Features	Local Authority Recorded Landfill	Friday Lane
L32	Landfills and Other Waste Features	Registered Landfill Sites	Bulldog Demolition Ltd
L33	Landfills and Other Waste Features	Licensed Waste Management Facilities (Location)	Eastcote Nurseries

Geology and Soils – Preliminary Constraints Plan Legend

Reference	Feature Classification	Record Type	Name and/or Description
L34	Landfills and Other Waste Features	Licensed Waste Management Facilities (Landfill Boundaries)	Sita
L35	Landfills and Other Waste Features	Licensed Waste Management Facilities (Landfill Boundaries)	Sita
L36	Landfills and Other Waste Features	Licensed Waste Management Facilities (Location)	Enterprise Managed Services Ltd
L37	Landfills and Other Waste Features	Licensed Waste Management Facilities (Landfill Boundaries)	Eastcote Nurseries
L38	Landfills and Other Waste Features	Licensed Waste Management Facilities (Landfill Boundaries)	Eastcote Nurseries
L39	Landfills and Other Waste Features	Registered Landfill Sites	Eastcote Nurseries (Solihull) Ltd
L40	Landfills and Other Waste Features	Registered Landfill Sites	BM Fisher
L41	Landfills and Other Waste Features	Registered Landfill Sites	Licence Holder: West Midlands Excavation
L42	Landfills and Other Waste Features	Registered Landfill Sites	Rawlins Brothers
R1	Other Regulated Activities	Pollution Incident	Grand Union Canal; Large Amount Of Rubbish Fridges Ect
R2	Other Regulated Activities	Pollution Incident	Amenity Affected; Septic Tank Overflowing To Brook
R3	Other Regulated Activities	Pollution Incident	10 Litres Foam To Water; Foam type unknown; Cause of incident: Fire
R4	Other Regulated Activities	Local Authority Pollution Prevention Control	Air Pollution Control - Combustion of fuel manufactured from/or comprised of, solid waste
R5	Other Regulated Activities	Local Authority Pollution Prevention Control	Air Pollution Control - Petrol Filling Station (Eurogarages Ltd)
R6	Other Regulated Activities	Local Authority Pollution Prevention Control	Air Pollution Control - Petrol Filling Station (Rontectld/Annes Pantry)
R7	Other Regulated Activities	Local Authority Pollution Prevention Control	Mobile screening and crushing processes (Tarmac Lafarge Ltd)
R8	Other Regulated Activities	Local Authority Pollution Prevention Control	Mobile screening and crushing processes (Armac Del)
R9	Other Regulated Activities	Local Authority Pollution Prevention Control	Blending, packing, loading and use of bulk cement (Lafarge Aggregates)
R10	Other Regulated Activities	Local Authority Pollution Prevention Control	Waste oil burners, less than 0.4MW net rated thermal input (Armac Demolition)
R11	Other Regulated Activities	Local Authority Pollution Prevention Control	Mobile screening and crushing processes (Jones Plant Services Ltd)
R12	Other Regulated Activities	Pollution Incident	Road Traffic Accident 1;000 Litres Aviation Kerosene; spill to watercourse
R13	Other Regulated Activities	Pollution Incident	Unknown Watercourse; Drums, Engine Blocks In Overflow
R14	Other Regulated Activities	Pollution Incident	Unknown; Chicken Manure Contamination Of Brook
R15	Other Regulated Activities	Pollution Incident	Eastcote Brook; Oil On Brook; Potable Water Supply Effected
R16	Other Regulated Activities	Pollution Incident	Organic wastes; Slurry Pit Is Discharging To Near-By Stream

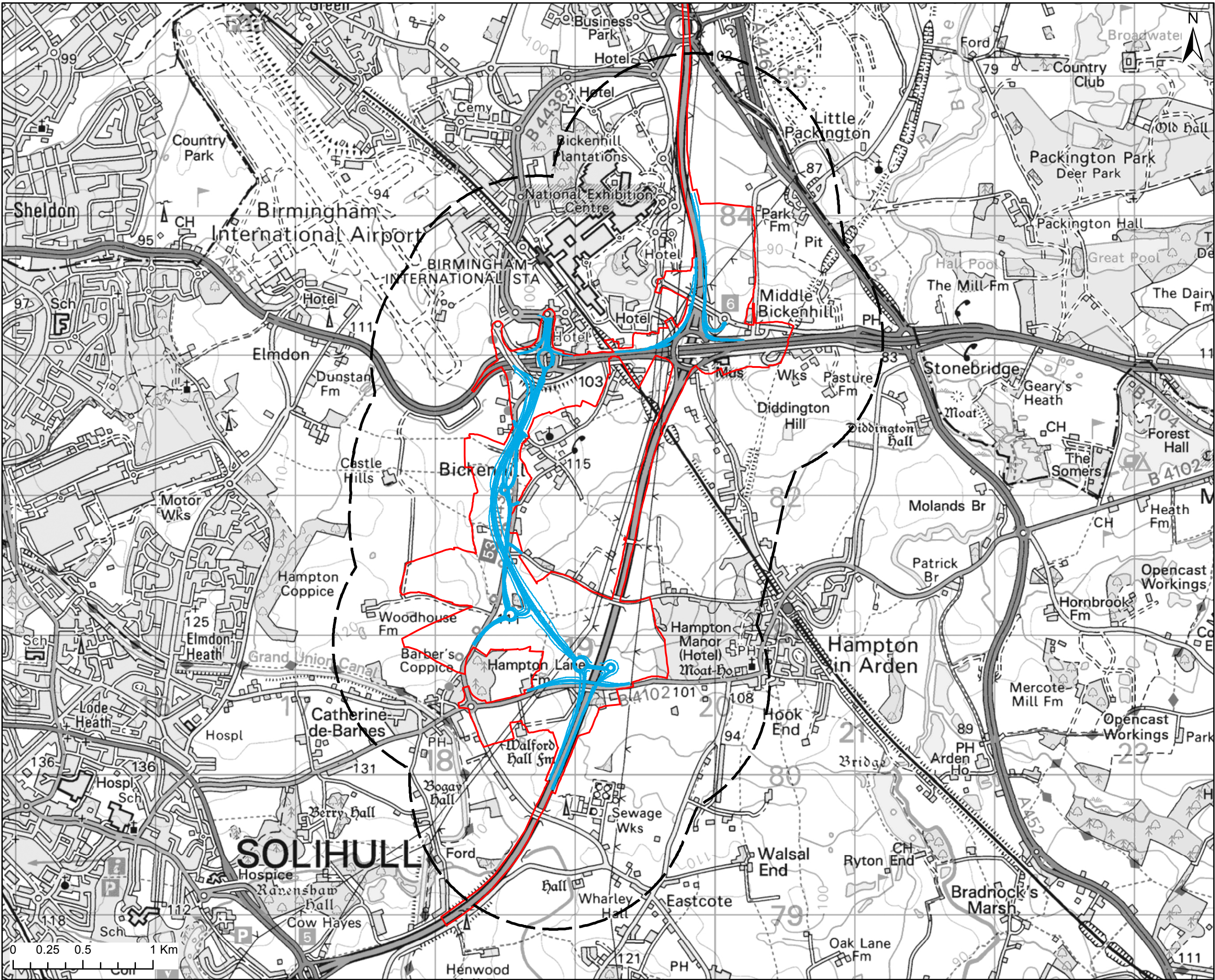
Geology and Soils – Preliminary Constraints Plan Legend

Reference	Feature Classification	Record Type	Name and/or Description
R17	Other Regulated Activities	Pollution Incident	Blythe Tributary; Foul Sewer Overflowing; Amenity Effected
R18	Other Regulated Activities	Pollution Incident	Sewage effluent - SSSI Affected; Amenity Affected; Eastcote Brook; Turbid Final Effluent
R19	Other Regulated Activities	Pollution Incident	Small Amount Of Diesel On Brook; Other Adverse Effects (Barston Water Reclamation Works, Friday Lane,)
R20	Other Regulated Activities	Pollution Incident	Dark Grey Sludge And Oil From Culvert
R21	Other Regulated Activities	Pollution Incident	Chemicals - Unknown; 200-300 Kg White Crystals
R22	Other Regulated Activities	Pollution Incident	Oil In Culvert / Discoloured; Oils - Diesel (Including Agricultural)
R23	Other Regulated Activities	Pollution Incident	Amenity Affected; Oil In Culvert
R24	Other Regulated Activities	Integrated Pollution Prevention And Control	Remada Soil Treatment Facility, Arden Brickworks
R25	Other Regulated Activities	Substantiated Pollution Incident Register	Water Impact: Category 1 - Major Incident - Air Impact: Category 4 - No Impact - Land Impact: Category 3 Authority: Environment Agency - Midlands Region, West Area - Incident date: 14th December 2003 Reference: 206625
W1	Water Abstractions and Discharge Consents	Water Abstraction	Groundwater Birmingham Corporation (Warren Farm)
W2	Water Abstractions and Discharge Consents	Discharge Consent	Sewage Discharges
W3	Water Abstractions and Discharge Consents	Discharge Consent	Sewage Discharges
W4	Water Abstractions and Discharge Consents	Discharge Consent	Sewage Effluent (Domestic property)
W5	Water Abstractions and Discharge Consents	Discharge Consent	Sewage Discharges
W6	Water Abstractions and Discharge Consents	Discharge Consent	Trade Effluent Discharge
W7	Water Abstractions and Discharge Consents	Discharge Consent	Sewage Treatment Works
W8	Water Abstractions and Discharge Consents	Water Abstraction	
W9	Water Abstractions and Discharge Consents	Water Abstraction	Groundwater Melbick Nurseries Limited
W10	Water Abstractions and Discharge Consents	Water Abstraction	Groundwater Melbick Nurseries Limited
W11	Water Abstractions and Discharge Consents	Water Abstraction	Groundwater Melbick Nurseries Limited
W12	Water Abstractions and Discharge Consents	Water Abstraction	
W13	Water Abstractions and Discharge Consents	Discharge Consent	Sewage Discharges
W14	Water Abstractions and Discharge Consents	Discharge Consent	Public Sewage: Storm Sewage Overflow
W15	Water Abstractions and Discharge Consents	Discharge Consent	Sewage Discharges

Geology and Soils – Preliminary Constraints Plan Legend

Reference	Feature Classification	Record Type	Name and/or Description
W16	Water Abstractions and Discharge Consents	Discharge Consent	Sewage Effluent
W17	Water Abstractions and Discharge Consents	Discharge Consent	Sewage Discharges
W18	Water Abstractions and Discharge Consents	Discharge Consent	Sewage Discharges
W19	Water Abstractions and Discharge Consents	Discharge Consent	Sewage Discharges
W20	Water Abstractions and Discharge Consents	Discharge Consent	Sewage Discharges
W21	Water Abstractions and Discharge Consents	Discharge Consent	Sewage Discharges
W22	Water Abstractions and Discharge Consents	Discharge Consent	Sewage Discharges
W23	Water Abstractions and Discharge Consents	Discharge Consent	Sewage Discharges
W24	Water Abstractions and Discharge Consents	Discharge Consent	Sewage Effluent
W25	Water Abstractions and Discharge Consents	Discharge Consent	Sewage Discharges
W26	Water Abstractions and Discharge Consents	Discharge Consent	Sewage Discharges
W27	Water Abstractions and Discharge Consents	Discharge Consent	Sewage Discharges
W28	Water Abstractions and Discharge Consents	Discharge Consent	Sewage Discharges
W29	Water Abstractions and Discharge Consents	Discharge Consent	Discharge Of Other Matter-Crude Effluent
W30	Water Abstractions and Discharge Consents	Discharge Consent	Sewage Discharges
W31	Water Abstractions and Discharge Consents	Discharge Consent	Discharge Of Other Matter-Crude Effluent
W32	Water Abstractions and Discharge Consents	Discharge Consent	Sewage Discharges
W33	Water Abstractions and Discharge Consents	Discharge Consent	Discharge Of Other Matter-Crude Effluent
W34	Water Abstractions and Discharge Consents	Discharge Consent	Sewage Discharges
W35	Water Abstractions and Discharge Consents	Discharge Consent	Sewage Discharges
W36	Water Abstractions and Discharge Consents	Water Abstraction	Surface Water Packington Estate Enterprises Limited
W37	Water Abstractions and Discharge Consents	Water Abstraction	Groundwater Whale Tankers ltd
W38	Water Abstractions and Discharge Consents	Water Abstraction	
W39	Water Abstractions and Discharge Consents	Water Abstraction	Groundwater Wyevale Garden Centres G&L Limited
W40	Water Abstractions and Discharge Consents	Water Abstraction	Groundwater The Garden & Leisure Group Limited

Geology and Soils – Preliminary Constraints Plan Legend			
Reference	Feature Classification	Record Type	Name and/or Description
W41	Water Abstractions and Discharge Consents	Discharge Consent	Sewage Discharges
W42	Water Abstractions and Discharge Consents	Discharge Consent	Sewage Final Effluent
W43	Water Abstractions and Discharge Consents	Discharge Consent	Sewage Discharges
W44	Water Abstractions and Discharge Consents	Discharge Consent	Sewage Effluent
W45	Water Abstractions and Discharge Consents	Discharge Consent	Sewage Discharges
W46	Water Abstractions and Discharge Consents	Discharge Consent	Trade Effluent Discharge
W47	Water Abstractions and Discharge Consents	Discharge Consent	Sewage Treatment Works
W48	Water Abstractions and Discharge Consents	Discharge Consent	Sewage Discharges
W49	Water Abstractions and Discharge Consents	Water Abstraction	



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www.aecom.com

Project Title:

M42 JUNCTION 6
IMPROVEMENT SCHEME

Client:

HIGHWAYS ENGLAND

Location Inset:



LEGEND

- Red Line Boundary
- Noise Study Extents 1km Boundary
- Proposed Scheme

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Ordnance Survey 0100031673
Projection: British National Grid

AECOM Internal Project No:

60543032

Drawing Title:

NOISE
STUDY EXTENTS

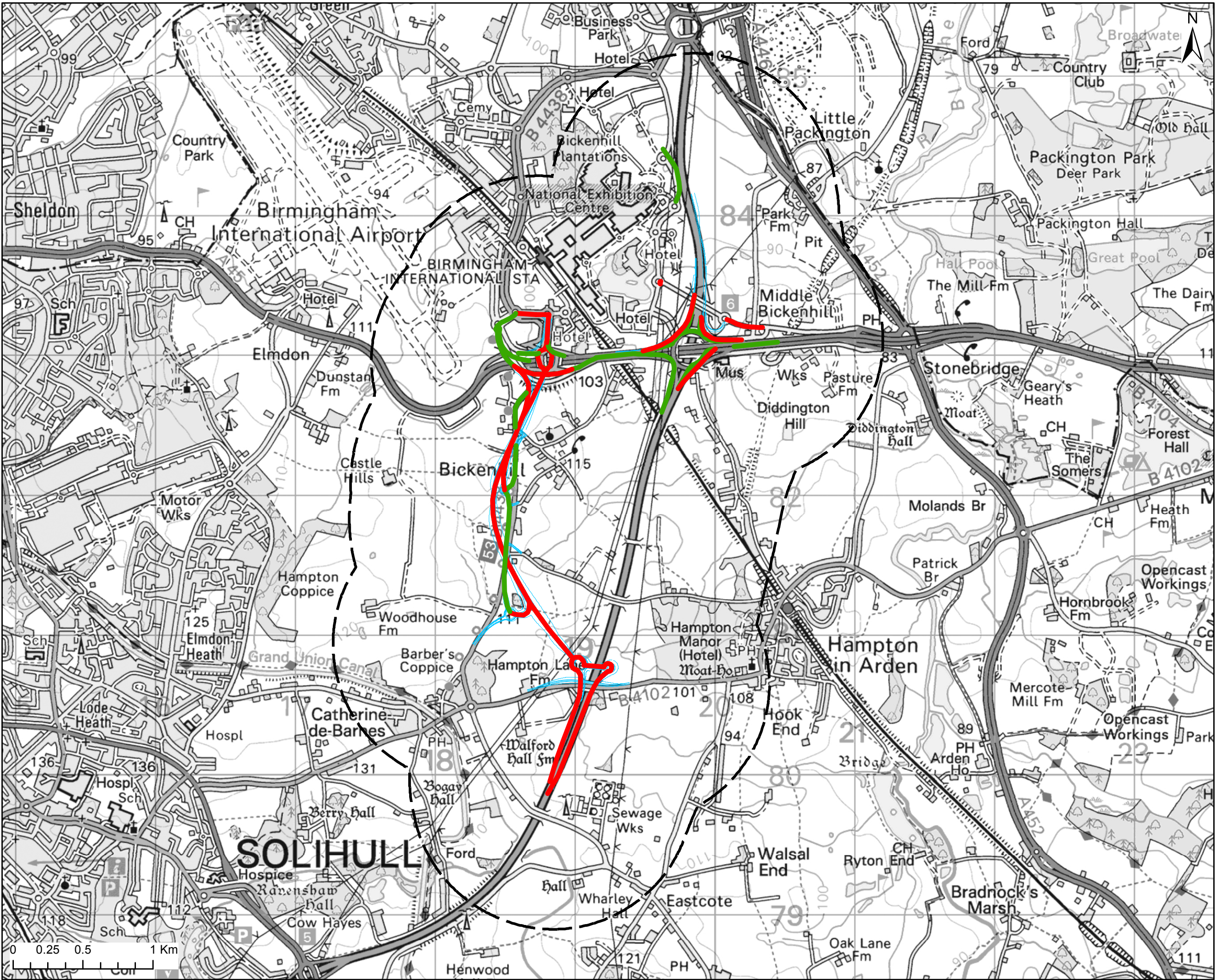
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Drawing No: Rev:

FIGURE 11.1

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www.aecom.com

Project Title:

M42 JUNCTION 6

Client:

HIGHWAYS ENGLAND

Location Inset:



LEGEND

- Proposed Scheme
- Noise Study Extents 1km Boundary
- Link identified with $\geq 1\text{dB}$ $L_{A10, 18\text{H}}$ decrease
- Link identified with $\geq 1\text{dB}$ $L_{A10, 18\text{H}}$ increase

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AFFECTED LINKS
OPENING YEAR (2023)

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Drawing No: Rev:

FIGURE 11.2

0

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Client:

HIGHWAYS ENGLAND

Location Inset:



LEGEND

- Proposed Scheme
- Noise Study Extents 1km Buffer
- Link identified with $\geq 3\text{dB}$ $L_{A10, 18\text{h}}$ decrease
- Link identified with $\geq 1\text{dB}$ $L_{A10, 18\text{h}}$ decrease. Non scheme roads future year short term change
- Link identified with $\geq 3\text{dB}$ $L_{A10, 18\text{h}}$ increase
- Link identified with $\geq 1\text{dB}$ $L_{A10, 18\text{h}}$ increase Non scheme roads future year short term change

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AFFECTED LINKS
FUTURE YEAR (2038)

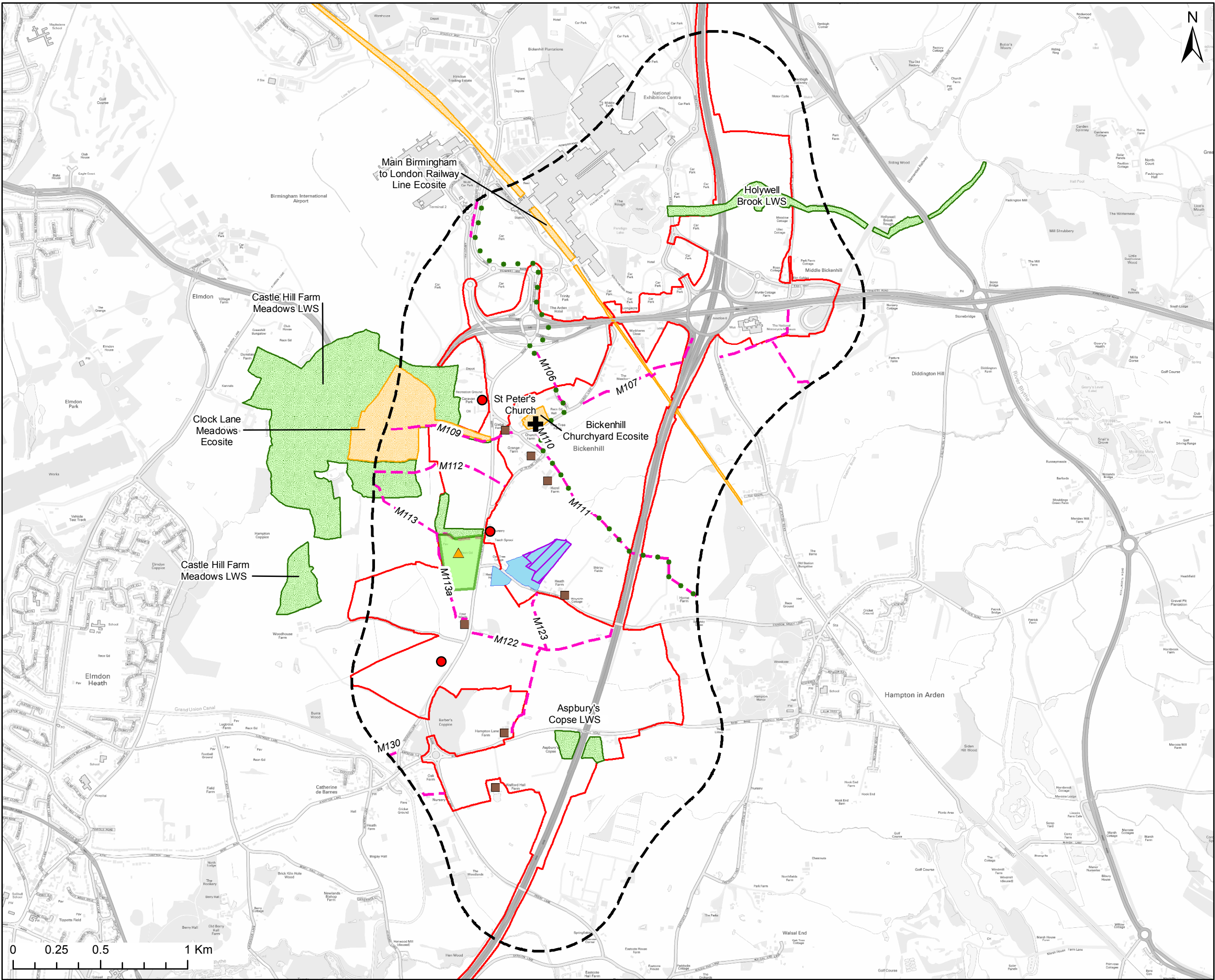
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FIGURE 11.3

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Project Title:

M42 JUNCTION 6
IMPROVEMENT SCHEME

Client:
HIGHWAYS ENGLAND

Location Inset:



LEGEND

- Red Line Boundary
- 500m Study
- Farms
- Commercial Properties
- Place of Worship
- Community Facility
- Public Rights Of Way
- Green Man
- Ecosite
- Local Wildlife Sites (LWS)
- Bickenhill Meadows
- Shadow Brook Meadows Nature Reserve

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AECOM Internal Project No:

60543032

Drawing Title:

PEOPLE AND
COMMUNITIES
CONSTRAINTS PLAN

Scale at A3: 1:20,000

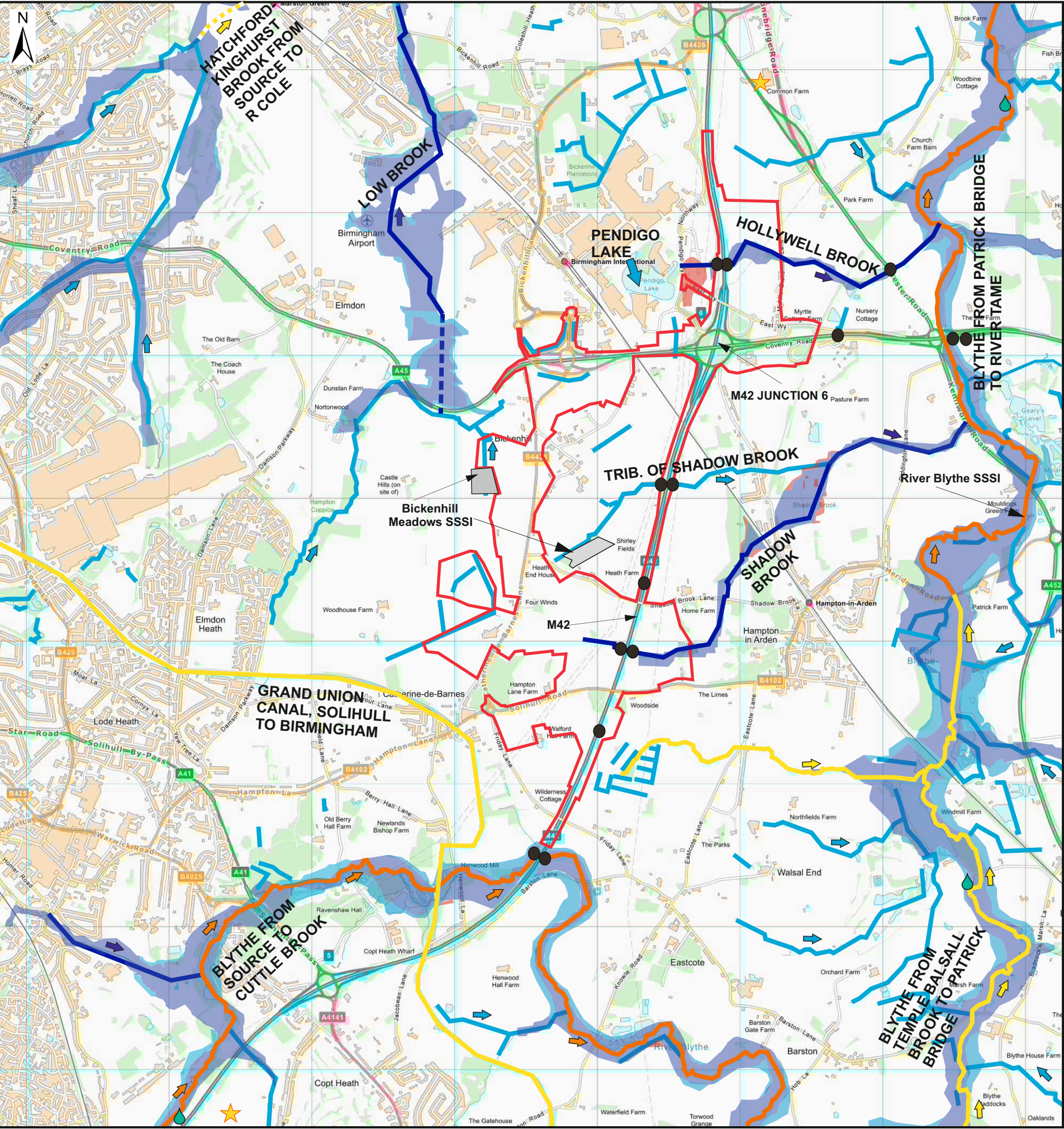
Drawing No: Rev:

FIGURE 12.1

Drawn: Chk'd: App'd: Date:

GB MS MS 22/11/17

13.1 Water Resource Features and their Attributes



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KEY

- DCO Boundary
- Main River (when not a WFD Reporting Reach)
- Ordinary Watercourse (when not a WFD Reporting Reach)
- WFD Watercourse - Poor Ecological Status
- WFD Watercourse - Moderate Ecological Status
- WFD Watercourse - Moderate Ecological Potential (Heavily Modified Waterbody)
- Approximate groundwater abstraction location
- Approximate surface water abstraction location
- Flood Zone 2
- Flood Zone 3
- Existing Highways Outfalls as shown on HADDMS

Note. Full details of abstractions, discharge consents and pollution incidents have been requested from the Environment Agency but had not been recieved at the time of writing. Abstraction data shown is derived from the Environment Agency website.



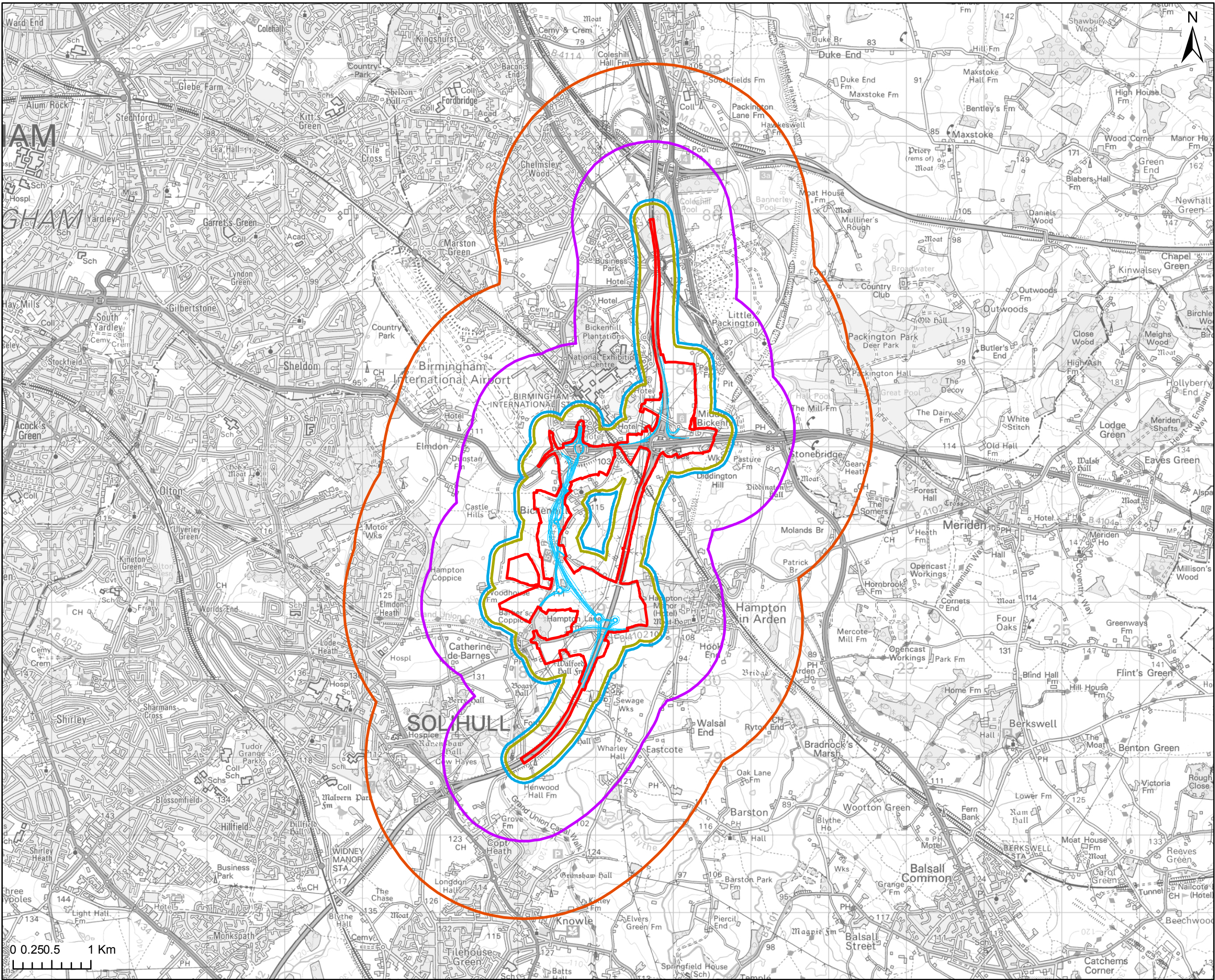
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Client:	HIGHWAYS ENGLAND
Project:	M42 JUNCTION 6 IMPROVEMENT SCHEME

Title:	WATER RESOURCE FEATURES AND THEIR ATTRIBUTES
--------	--

Design:	TJ	App'd:	OT
Chk'd:	OT	Scale:	1:15,000
Date:	21-09-2017	Rev:	0

FIGURE 13.1



Project Title:

M42 JUNCTION 6
IMPROVEMENT SCHEME

Client:

HIGHWAYS ENGLAND

Location Inset:



LEGEND

- Red Line Boundary
- Proposed Scheme
- 200m Zone of Influence - Air Quality (construction only)
- 250m Zone of Influence - Geology and Soils
- 1km Zone of Influence - Road Drainage and the Water Environment, Noise and Vibration (Construction only), Cultural Heritage
- 2km Zone of Influence - Landscape and Visual Effects, Biodiversity, People and Communities

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AECOM Internal Project No:

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Drawing Title:

ZONE OF INFLUENCE
FOR EACH
ENVIRONMENTAL TOPIC

Scale at A3: 1:45,000

Drawing No: Rev:

FIGURE 15.1 0

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GB GC GC 20/11/17