

Cambridgeshire and Peterborough Minerals and Waste Development Plan

Site Specific Proposals
Development Plan Document

Draft Submission Stage
Autumn 2009

Acknowledgements

1 Acknowledgements	1
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Introduction

2 Purpose of Document	3
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Site Specific Information

3 Minerals	7
3.1 Introduction	7
3.2 Sand and Gravel	7
3.3 Limestone	9
3.4 Chalk	9
3.5 Brick Clay	10
3.6 Engineering Clay	10
3.7 Specialist Minerals	12
3.8 Protection of Mineral Resources	12
3.9 Mineral Extraction Proposals Outside of Allocated Areas	14
4 Waste Management	15
4.1 Introduction	15
4.2 Waste Recycling and Recovery Facilities (Non-Landfill)	17
4.3 Landfill	20
4.4 Waste Water Treatment	22
4.5 Protection of Waste Management Sites	24
5 Sustainable Transport Sites for Minerals and Waste	27
6 Implementation and Monitoring	29
7 Minerals Site Profiles	55
7.1 Sand and Gravel Site Profiles	56
7.1.1 SSP M1A - Cottenham (SSP M9G)	57
7.1.2 SSP M1B - Needingworth (SSP M9R)	59
7.1.3 SSP M1C - Wimblington (SSP M9AJ)	61
7.1.4 SSP M1D - Kings Delph, Whittlesey (SSP M5A; SSP M9L)	63

7.1.5	SSP M1E - Maxey (SSP M9P)	66
7.1.6	SSP M1F - Pode Hole and Eye/Thorney (SSP M9X)	69
7.2	Sand and Gravel Borrow Pits Site Profiles	72
7.2.1	SSP M2A - Galley Hill Fenstanton (Southern Site) (SSP M9J)	73
7.2.2	SSP M2B Oxholme Farm (SSP M9W)	75
7.2.3	SSP M2C - South West Brampton (SSP M9AC)	77
7.2.4	SSP M2D - West of Brampton (SSP M9AH)	79
7.2.5	SSP M2E - Weybridge Farm, Alconbury (SSP M9AI)	81
7.2.6	SSP M2F - Woolpack Farm, Galley Hill (SSP M9AK)	83
7.3	Limestone Site Profiles	85
7.4	Chalk Site Profiles	86
7.4.1	SSP M4A - Barrington (SSP M9B)	87
7.5	Brick Clay Site Profiles	89
7.6	Engineering Clay Site Profiles	90
7.7	Engineering Clay Borrow Pits Site Profiles	91
7.7.1	SSP M7A Boxworth End Farm, North of Trinity Foot Jnct (SSP M9C)	92
7.7.2	SSP M7B Brickyard Farm, Boxworth (SSP M9D)	94
7.7.3	SSP M7C New Barns Farm, Conington (SSP M9S)	96
7.7.4	SSP M7D North Bar Hill, Noon Folly Farm (SSP M9T)	98
7.7.5	SSP M7E North Dry Drayton Junction, Slate Hall Farm (SSP M9U)	100
7.7.6	SSP M7F North Junction 14, Grange Farm (SSP M9V)	102
7.7.7	SSP M7G South Junction 14 (SSP M9Z)	104
7.7.8	SSP M7H South of Trinity Foot Junction - East (SSP M9AA)	106
7.7.9	SSP M7I South of Trinity Foot Junction - West (SSP M9AB)	108
7.8	Specialist Minerals Site Profiles	110
7.8.1	SSP M8A - Burwell Brickpits, Burwell (SSP M9E)	111
7.8.2	SSP M8B - Dimmock's Cote Quarry, Wicken Fen (SSP M9I)	113
7.9	Mineral Consultation Areas	115
7.9.1	SSP M9A - Bainton (Lafarge)	116
7.9.2	SSP M9F - Cooks Hole, Peterborough (PJ Thory)	117
7.9.3	SSP M9H - Cross Leys (Mick George)	118
7.9.4	SSP M9K - Kennett	119
7.9.5	SSP M9M - Little Paxton (Bardon Aggregates)	120

7.9.6	SSP M9N - Little Paxton (Lafarge)	121
7.9.7	SSP M9O - Marsh Lane, Hemingford Grey (Lafarge)	122
7.9.8	SSP M9Q- Must (Crick's) Farm, Whittlesey (Hanson)	123
7.9.9	SSP M9Y - Somersham	124
7.9.10	SSP M9AD - Southorpe Quarry (Mick George)	125
7.9.11	SSP M9AE - Station Quarry, Steeple Morden	126
7.9.12	SSP M9AF - Tanholt Farm, Eye (Cemex)	127
7.9.13	SSP M9AG - Thornhaugh I, Thornhaugh (PJ Thory)	128
7.9.14	SSP M9AL Dernford Farm	129
7.9.15	SSP M9AM Sutton Gault	130
8	Waste Management Facilities	131
8.1	Waste Recycling and Recovery Facilities (Non-Landfill) Site Profiles	132
8.1.1	SSP W1A - Adjacent to A1, Alconbury (SSP W8A)	134
8.1.2	SSP W1B - Alconbury Airfield, Alconbury (SSP W8B)	136
8.1.3	SSP W1C - Algores Way, Wisbech (SSP W8D)	138
8.1.4	SSP W1D - Brookfield Business Park, Cottenham (SSP W8F)	140
8.1.5	SSP W1E - Cambridge East (SSP W8G)	142
8.1.6	SSP W1F - Cambridge Northern Fringe (SSP W8H)	145
8.1.7	SSP W1G - Cow Lane, Godmanchester (SSP W5N)	148
8.1.8	SSP W1H - Cross Leys Quarry, Wittering (SSP W2C; SSP W8P)	150
8.1.9	SSP W1I - Dogsthorpe (cmb), Former Brickworks (SSP W8R)	152
8.1.10	SSP W1J - Envar, Woodhurst (SSP W8U)	155
8.1.11	SSP W1K - Extension of Waste Management Park, Waterbeach (SSP W8W)	157
8.1.12	SSP W1L - Great Wilbraham Quarry, Great Wilbraham (SSP W8AA)	159
8.1.13	SSP W1M - Grunty Fen, Wilburton (SSP W4A; SSP W8AB)	161
8.1.14	SSP W1N - Hampton, Peterborough (SSP W8AC)	163
8.1.15	SSP W1O - Kings Dyke Brickpits, Whittlesey (SSP W8AG)	165
8.1.16	SSP W1P - March Trading Park (SSP W8AJ)	167
8.1.17	SSP W1Q - Maxey East, Maxey (SSP W2D; SSP W8AL)	169
8.1.18	SSP W1R - Melbourne Avenue, March (SSP W8AN)	172
8.1.19	SSP W1S - Needingworth Quarry, Needingworth (SSP W8AQ)	174
8.1.20	SSP W1T - Northstowe (SSP W8AR)	176

8.1.21	SSP W1U - Northstowe Area 2, Northstowe (SSP W8AS)	178
8.1.22	SSP W1V - Puddock Hill, Warboys (SSP W8AV)	180
8.1.23	SSP W1W - Saxon Brickpits, Whittlesey (SSP W8AX)	182
8.1.24	SSP W1X - South of Addenbrookes Access Road (SSP W8AY)	184
8.1.25	SSP W1Y - Station Farm, Buckden (SSP W8BB)	186
8.1.26	SSP W1Z - Station Road, Fordham (SSP W8BD)	188
8.1.27	SSP W1AA - Storey's Bar Road (SSP W8BE)	190
8.1.28	SSP W1AB - The Carrops, Red Lodge Recycling and Transfer Station (SSP W8BG)	193
8.1.29	SSP W1AC - Thornhaugh II, Thornhaugh - (SSP W2E; SSP W8BI)	195
8.1.30	SSP W1AD - Thornhaugh IIB (Bullimore's), Thornhaugh (SSP W2F; SSP W8BJ)	198
8.1.31	SSP W1AE - Warboys Industrial Estate (SSP W8BM)	200
8.1.32	SSP W1AF - West of Peterborough (SSP W8BN)	202
8.1.33	SSP W1AG - Whitemoor, March (cmb) (SSP W8BO)	204
8.1.34	SSP W1AH - Woolpack Farm (SSP W8BT)	206
8.1.35	SSP W1AI - Woolpack Farm, Hilton Road (SSP W8BU)	208
8.2	Inert Landfill Site Profiles	210
8.2.1	SSP W2A - Cooks Hole, Peterborough (SSP W8I)	211
8.2.2	SSP W2B - Cottenham (SSP W8J)	213
8.2.3	SSP W2C - Cross Leys Quarry, Wittering (SSP W1H; SSP W8P)	215
8.2.4	SSP W2D - Maxey East, Maxey (SSP W1Q; SSP W8AL)	215
8.2.5	SSP W2E - Thornhaugh II, Thornhaugh (SSP W1AC; SSP W8BI)	215
8.2.6	SSP W2F - Thornhaugh IIB (Bullimore's), Thornhaugh (SSP W1AD; SSP W8BJ)	215
8.3	Non Hazardous Landfill Site Profiles	216
8.3.1	SSP W3A - Puddock Hill (Cell 6), Warboys	217
8.4	Stable Non Reactive Hazardous Landfill Site Profiles	219
8.4.1	SSP W4A - Grunty Fen, Wilburton (SSP W1M; W8AB)	219
8.4.2	SSP W4B - Thornhaugh I, Thornhaugh (SSP W8BH)	220
8.5	General Hazardous Landfill Site Profiles	222
8.6	Waste Water Treatment Works Site Profiles	223
8.6.1	SSP W6A - Ely Waste Water Treatment Works (Area of Search) (SSP W7N)	223
8.7	Waste Water Treatment Works Safeguarding Areas	227

8.7.1	SSP W7A - Alconbury STW	230
8.7.2	SSP W7B - Balsham STW	231
8.7.3	SSP W7C - Bassingbourn STW	232
8.7.4	SSP W7D - Bottisham STW	233
8.7.5	SSP W7E - Bourn STW	234
8.7.6	SSP W7F - Brampton (Cambs) STW	235
8.7.7	SSP W7G - Buckden STW	236
8.7.8	SSP W7H - Burwell STW	237
8.7.9	SSP W7I - Cambridge STW	238
8.7.10	SSP W7J - Chatters-Nightlayer Fen STW	239
8.7.11	SSP W7K - Doddington STW	240
8.7.12	SSP W7L - Duxford STW	241
8.7.13	SSP W7M - Ely (Old) STW	242
8.7.14	SSP W7O - Ely-New STW	243
8.7.15	SSP W7P - Foxton (Cambs) STW	244
8.7.16	SSP W7Q - Gamlingay STW	245
8.7.17	SSP W7R - Haddenham STW	246
8.7.18	SSP W7S - Haslingfield STW	247
8.7.19	SSP W7T - Huntingdon (Godmanchester) STW	248
8.7.20	SSP W7U - Isleham STW	249
8.7.21	SSP W7V - Kimbolton STW	250
8.7.22	SSP W7W - Linton STW	251
8.7.23	SSP W7X - Little Downham STW	252
8.7.24	SSP W7Y - Littleport STW	253
8.7.25	SSP W7Z - March STW	254
8.7.26	SSP W7AA - Melbourn STW	255
8.7.27	SSP W7AB - Needingworth STW	256
8.7.28	SSP W7AC - Oldhurst STW	257
8.7.29	SSP W7AD - Over STW	258
8.7.30	SSP W7AE - Papworth Everard STW	259
8.7.31	SSP W7AF - Peterborough (Flag Fen) STW	260
8.7.32	SSP W7AG - Ramsey STW	261
8.7.33	SSP W7AH - Royston STW	262

8.7.34	SSP W7AI - Sawston STW	263
8.7.35	SSP W7AJ - Sawtry STW	264
8.7.36	SSP W7AK - Soham STW	265
8.7.37	SSP W7AL - Somersham (Cambs) STW	266
8.7.38	SSP W7AM - St Ives STW	267
8.7.39	SSP W7AN - St Neots STW	268
8.7.40	SSP W7AO - Stamford STW	269
8.7.41	SSP W7AP - Stretham STW	270
8.7.42	SSP W7AQ - Teversham STW	271
8.7.43	SSP W7AR - Uttons Drove STW	272
8.7.44	SSP W7AS - Waterbeach STW	273
8.7.45	SSP W7AT - Whittlesey STW	274
8.7.46	SSP W7AU - Witcham STW	275
8.7.47	SSP W7AV - Witchford STW	276
8.7.48	SSP W7AW - Wyton (RAF) STW	277
8.8	Waste Consultation Areas	278
8.8.1	SSP W8C - Alconbury HWRC	281
8.8.2	SSP W8E - Bridgefoot Quarry, Flint Cross (cmb)	282
8.8.3	SSP W8K - Cottenham Skips, Cottenham (inert recycling and inert WTS)	283
8.8.4	SSP W8L - Cow Lane, Godmanchester (Donarbon Inert Landfill)	284
8.8.5	SSP W8M - Cow Lane, Godmanchester (SITA Landfill)	285
8.8.6	SSP W8O - Cowley Road, Cambridge (WTS)	286
8.8.7	SSP W8Q - Dawson Plant Hire, Swavesey (inert recycling and WTS)	287
8.8.8	SSP W8S - Dogsthorpe Landfill	288
8.8.9	SSP W8T - Ely Road, Littleport (inert recycling and WTS)	289
8.8.10	SSP W8V - European Metals, Fordham Road, Snailwell (metal recyclers)	290
8.8.11	SSP W8X - Eyebury Landfill	291
8.8.12	SSP W8Y - Former Mepal Airfield (cmb), Sutton	292
8.8.13	SSP W8Z - Fourth Drove, Materials Recycling Facilities	293
8.8.14	SSP W8AD - Hasse Road, Soham (composting)	294
8.8.15	SSP W8AE - Hundred Road, March (landfill site and local recycling centre)	295
8.8.16	SSP W8AF - Kennet (landfill)	296

8.8.17	SSP W8AH - Little Paxton (Eaton Tractors) (inert waste recycling and transfer)	297
8.8.18	SSP W8AI - Manea Road, Wimblington	298
8.8.19	SSP W8AK - Marston Road, St Neots	299
8.8.20	SSP W8AM - Meadow Lane, St Ives (recycling facilities)	300
8.8.21	SSP W8AO - Meldreth (landfill)	301
8.8.22	SSP W8AP - Milton (landfill)	302
8.8.23	SSP W8AT - Pet Crematorium, A505, Thriplow (WTS, incinerator and autoclave)	303
8.8.24	SSP W8AU - Plantation Farm, Kennet (D Haird) (inert recycling)	304
8.8.25	SSP W8AW - Ramsey (composting)	305
8.8.26	SSP W8AZ - South of Worsted Lodge A11 Pampisford	306
8.8.27	SSP W8BA - St Neots (WTS)	307
8.8.28	SSP W8BC - Station Farm, Buckden (landfill)	308
8.8.29	SSP W8BE - Ten Mile Bank, Littleport (WTS)	309
8.8.30	SSP W8BK - Thriplow HWRC	310
8.8.31	SSP W8BL - Warboys (landfill)	311
8.8.32	SSP W8BP - Whittlesey HWRC	312
8.8.33	SSP W8BQ - Wisbech HWRC	313
8.8.34	SSP W8BR - Witchford Road, Witchford	314
8.8.35	SSP W8BS - Woodhatch Farm, Brampton (composting)	315
8.8.36	SSP W8BV Bluntisham Recycling Centre	316
8.8.37	SSP W8BW Hook Lane, Wimblington	317
9	Transport Protection Zones	319
9.1	Transport Protection Zones	320
9.1.1	SSP T1 - North of Chesterton Sidings (SSP T2E)	321
9.2	Transport Protection Zones Safeguarding Areas	323
9.2.1	SSP T2A - Barrington Cement Works Railhead	324
9.2.2	SSP T2B - Bourges Boulevard Rail Sidings, Peterborough	325
9.2.3	SSP T2C - Cambridge Northern Fringe (Aggregates Railhead)	326
9.2.4	SSP T2D - European Metal Recycling, Snailwell	327
9.2.5	SSP T2F - Queen Adelaide Railhead, Ely	328
9.2.6	SSP T2G - Whitemoor, March	329
9.2.7	SSP T2H - Wisbech Port	330

Appendices

A Mineral Safeguarding Areas	331
B Replacement of Saved Local PPlan Policies	333
C Glossary	339

1 Acknowledgements

Cambridgeshire and Peterborough, Minerals and Waste Site Specific Proposals

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1 Acknowledgements

2

2 Purpose of Document

Introduction

Cambridgeshire and Peterborough Minerals and Waste Development Plan - Site Specific Proposals Development Plan Document

- 2.1** The Cambridgeshire and Peterborough Minerals and Waste Development Plan comprises two documents. The Core Strategy Development Plan Document sets out the strategic vision and objectives, including a suite of development control policies to guide minerals and waste development whilst the Site Specific Proposals Development Plan Document sets out site specific allocations for minerals and waste development and supporting site specific policies to support the strategic vision.
- 2.2** This Site Specific Proposals Development Plan Document identifies sites that have been allocated by the Minerals and Waste Planning Authorities for:-
- Mineral Working
 - Waste Management Uses
 - Areas of Search for Waste Management Uses
 - Minerals Consultation Areas
 - Waste Consultation Areas
 - Sustainable Transport Infrastructure Protection Zones
 - Waste Water Treatment
 - Waste Water Treatment Safeguarding
- 2.3** The document sets out the allocated sites and policies.
- 2.4** For each allocated site a map and 'Site Profile' is set out in 'Site Specific' Section.
- 2.5** It should be noted that the Core Strategy Development Plan Document sets out sites considered to be of strategic importance. The Block Fen/Langwood Fen area of Earith/ Mepal has been identified as a major area for sand and gravel extraction where restoration, utilising landfill, will ensure that strategic objectives relating to sustainable flood management and habitat creation are met. Details of the sites within the Block Fen/Langwood Fen area and the mineral extraction and waste management operations proposed are set out in Site Profiles in the Core Strategy and are supported by Master Plan (SPD). The replacement clinical waste treatment management facility proposed at the new Addenbrookes Hospital in Cambridge is also considered to be of strategic importance and the details of the site and implementation of the development are set out in the Site Profile in the Core Strategy.

Overview of Plan Area

- **Minerals**
- 2.6** Aggregate production is the main mineral activity in the area, from significant sand and gravel reserves, and more limited extraction of soft oolitic limestone in the north west of the Plan area. Other important minerals worked include Oxford Clay, to supply the Whittlesey Brickworks, chalk marl for cement manufacture at Barrington, and smaller chalk, clay and limestone deposits for agricultural and specialist industrial uses. In addition there are permitted reserves of silica sand for industrial purposes, although none are currently being worked. Peat has also been worked historically, but no consents now exist.
- 2.7** The Core Strategy also makes provision for sand and gravel and engineering clay borrow pits to supply materials for the construction of the A14 upgrade in Cambridgeshire.

2.8 Details of the site allocations for mineral extraction are set out in the Site Profiles in this document. Mineral Consultation Areas for existing sites are also identified.

- **Waste Management**

2.9 The Core Strategy Document sets out details of the total controlled waste arisings to be managed by Cambridgeshire and Peterborough over the period 2006 to 2026 which are estimated to be around 116,148,000 tonnes. This includes 5,100,000 tonnes of imported waste from London apportioned to Cambridgeshire and Peterborough through The East of England Plan (Regional Spatial Strategy).

2.10 A network of sustainable waste management facilities is required in the Plan area to increase capacity and to facilitate the recycling and composting of waste in order to meet challenging Regional and Government targets. Site allocations for waste management facilities including Waste Water Treatment and for inert landfill capacity are set out in the Site Profiles in this Document. Waste Consultation Areas for existing and proposed sites are also identified.

Statutory Framework

2.11 This Site Specific Proposals Development Plan Document has been produced within the broad context of relevant Plans, Programmes and Directives which have also been instrumental in shaping the Minerals and Waste Core Strategy Development Plan Document. Details of these documents and plans are set out in the Core Strategy.

The Plan Format

Policy

Site Specific Allocations

Sites that have been allocated by the Minerals and Waste Planning Authorities appear in boxes like this.

2.12 For each allocated site there is a Site Profile setting out:

- Location map
- Site characteristics summary
- Implementation issues

2.13 The Mineral Site Profiles can be found in Section 7 and the Waste Management Site Profiles in Section 8.

2.14 The location plan for each site profile sets out:

- The boundary of the site
- The mineral or waste consultation area
- Mineral safeguarding area and type of mineral, and
- Significant features affecting the site allocation, such as SSSI's, areas of local nature conservation significance, Scheduled Ancient Monuments (SAM's) and rights of way

2.15 The Implementation section sets out site specific matters which it is considered must be addressed in the submission of any planning application.

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2 Purpose of Document



3 Minerals

3.1 Introduction

3.1 The Cambridgeshire and Peterborough Minerals and Waste Plan Core Strategy identifies the broad scale and location of mineral allocations required to meet the needs of Cambridgeshire and Peterborough over the period up to 2026. This Site Specific Proposals Plan sets out the allocations needed to meet these requirements.

3.2 Sand and Gravel

3.2 The Mineral Planning Authorities have allocated sufficient sites to ensure the supply of 3.0 million tonnes of sand and gravel per annum. This exceeds the planned apportionment of 2.82 million tonnes per annum and allows some flexibility in meeting future demand for aggregates.

3.3 The spatial strategy seeks to ensure a steady supply of material across the whole Plan area, and divides the area into 3 zones to facilitate this. In essence the Northern Zone which includes Peterborough and north Fenland is expected to accommodate around one quarter of growth in the Plan period, so provision will be made to ensure the supply of a comparable amount, i.e. 0.75 million tonnes, of sand and gravel.

3.4 The remaining growth will take place in the Central / Southern Zone, notably in the Cambridge growth area, but also in key settlements in Huntingdonshire, East Cambridgeshire and south Fenland. The Earith / Mepal area falls within this Central / Southern Zone, and the level of provision made in this area is linked to maintaining a steady supply of material, but also to enabling the delivery of wider strategic objectives in respect of securing more sustainable flood management and the creation of enhancement habitat, both of which are associated with the internationally important Ouse Washes. It has been concluded that these Zones will supply 0.85 and 1.4 million tonnes per annum respectively.

3.5 The site allocations for sand and gravel extraction are set out below.

Site Specific Sand and Gravel Allocations

Policy SSP M 1

The site specific allocations for sand and gravel extraction are :-

Ref	Site Name		Core Strategy Area	Proposals Map Inset No
A	Cottenham	5,000,000 tonnes	Central / Southern	1
B	Needingworth		Central / Southern	2
C	Wimblington		Central / Southern	3
D	Kings Delph, Whittlesey	13,600,000 tonnes	Northern	4
E	Maxey		Northern	5
F	Pode Hole, Thorney		Northern	6

A site profile for each sand and gravel allocation is provided in Section 6.1

- 3.6** The site at King's Delph, Whittlesey has been allocated in order to secure the sustainable use of mineral reserves. Clay underlying the sand and gravel deposits has been allocated to provide a continuation of supply for the brickworks at Whittlesey, and it is prudent to work the overlying sand and gravel first.

Sand and Gravel Borrowpits

- 3.7** The Core Strategy (CS11) makes provision for the use of borrowpits where major civil engineering proposals come forward and if certain policy criteria can be met. These include making use of secondary and recycled materials as a priority; being geographically within close proximity to the project they will serve; reducing the need to transport material; making sustainable use of materials, by using lower grade materials in preference to higher grade materials where appropriate and bringing about environmental / amenity benefits compared to using alternative existing or allocated sources.
- 3.8** Permission is normally given for a borrowpit to supply a single project only and is intended for a temporary period i.e. for the life of that project.
- 3.9** The Mineral Planning Authorities are aware of the proposed improvements to the A14 trunk road between Ellington, to the west of Huntingdon, and Fen Ditton, to the northeast of Cambridge that will require exceptionally large quantities of sand and gravel. Approximately 2 million tonnes of sand and gravel will be required. Borrowpit allocations have therefore been identified for this project only. Any proposals to extend the life of these borrowpits to serve the open market will be resisted.

Site Specific Sand and Gravel Borrowpit Allocations

Policy SSP M 2

The site specific allocations for sand and gravel borrowpits to serve the A14 upgrade only are :-

Ref	Site Name	Road scheme	Proposals Map Inset No
A	Galley Hill, Fenstanton (Southern Site)	A14 Ellington to Fen Ditton, Cambridgeshire	7
B	Oxholme Farm	A14 Ellington to Fen Ditton, Cambridgeshire	8
C	South West Brampton	A14 Ellington to Fen Ditton, Cambridgeshire	9
D	West of Brampton	A14 Ellington to Fen Ditton, Cambridgeshire	10
E	Weybridge Farm, Alconbury	A14 Ellington to Fen Ditton, Cambridgeshire	11
F	Woolpack Farm	A14 Ellington to Fen Ditton, Cambridgeshire	12

A site profile for each sand and gravel borrowpit allocation is provided in Section 6.2

3.3 Limestone

- 3.10** The sub-regional annual apportionment for crushed rock within Cambridgeshire and Peterborough area is set out in policy M1 of the East of England Regional Spatial Strategy. In the Plan area the only crushed rock available is limestone. The Mineral Planning Authorities are, therefore, seeking to ensure that there are sufficient environmentally acceptable sources to meet the requirement for 300,000 tonnes of limestone per annum for aggregate use.
- 3.11** Within the Plan area, limestone only exists within a small geographical area to the north-west of Peterborough. There are sufficient reserves available in existing quarries to meet the apportionment for the Plan period. However, if no new quarries are identified then reserves will be exhausted by the end of the Plan period. Due to the environmental sensitivity of the area and access constraints no new sites have been allocated. Whilst no new allocations have been made for limestone extraction provision has been made within the Core Strategy (CS6) for bringing forward new limestone sites providing that it can be demonstrated that there is an economic resource, the environmental constraints can be addressed, they are acceptable in highway terms and a need can be demonstrated.

Policy SSP M 3

No site specific allocation is made for limestone extraction.

3.4 Chalk

- 3.12** Chalk Marl is used for the manufacture of cement at Barrington in Cambridgeshire. This is the only quarry for chalk marl in the Plan area, and production at the quarry ceased in 2009. Mineral Planning Authorities are advised by Government that they should normally aim to maintain cement plant with a stock of permitted reserves of at least 15 years.
- 3.13** Whilst Barrington Quarry has considerable reserves, which exceed 25 years, recent testing of the reserve has highlighted a quality issue. The mineral reserve is not chemically in balance which if not addressed, would potentially prevent the full exploitation of the permitted reserve. It is not known if Barrington Cement Works will reopen but if it does on sustainable resource grounds there is a need to identify additional reserves to blend with the other quarried material to address the quality issue in the raw kiln feed.
- 3.14** The Core Strategy (CS9) has identified a need to make a modest allocation of land adjacent to the existing quarry to reflect this need.

Policy SSP M 4

The site specific allocation for chalk marl extraction is :

Ref	Site Name	Proposals Map Inset No.
A	Barrington Quarry, Barrington	13

A site profile for the Barrington Quarry allocation is provided in Section 6.4

3.5 Brick Clay

- 3.15** In the same way that the Government seeks to maintain a supply of aggregates for the construction industry, it does, through planning policy guidance, seek to secure a supply of brick clay for the brick making industry. Minerals Planning Statement 1 (MPS1) states 'This will normally be sufficient to provide for 25 years of production'.
- 3.16** The policy statement also makes clear that the level of provision made by Mineral Planning Authorities should reflect the initial and continuing investment in required to establish and maintain a brickworks.
- 3.17** The Whittlesey Brickworks complex is one of the largest in the country, consisting of two brickworks producing Fletton Bricks. The brickworks lie within Cambridgeshire, whilst the associated extraction areas straddle the administrative boundary of Cambridgeshire and Peterborough. The importance of the brickworks is likely to increase over the Plan period as the brickworks at Stewartby, Bedfordshire have closed.
- 3.18** Core Strategy (CS8) makes provision for a site allocation for brick clay extraction to ensure long term provision of raw material for Whittlesey Brickworks.

Policy SSP M 5

The site specific allocation for brick clay extraction is:

Ref	Site Name	Proposals Map Inset No.
A	Kings Delph, Whittlesey	4

The site profile for the Kings Delph brick clay allocation is provided in Section 6.2 in reference to Policy SSP M1D.

3.6 Engineering Clay

Site Specific Engineering Clay Allocations

- 3.19** Clay is often required for engineering purposes for infrastructure projects e.g. Flood barriers and road construction. Given the planned growth for the area it is anticipated that there will be a need for this material in the Plan period. However, with the exception of the scheme to upgrade the A14 there is no clear quantification of this need.
- 3.20** In the past engineering clay extraction has taken place at existing mineral workings, or at landfill workings where the void has been deepened. This has been in preference to greenfield extraction where the environmental impact of opening a new quarry would be more significant than drawing material from an existing site. This will continue to be the Mineral Planning Authorities approach.

Policy SSP M 6

No site specific allocation is made for engineering clay extraction

Site Specific Engineering Clay Borrowpit Allocations

- 3.21** The Core Strategy (CS12) makes provision for the use of engineering clay borrowpits if certain policy criteria can be met. These include being geographically within close proximity to the project they will serve; ensuring that traffic movements on the public highway or through local communities are minimised and that the site will be restored in the same timetable as the scheme to which it relates.
- 3.22** Borrowpits are extraction sites which supply a single project only and are intended for a temporary period only. They arise where major civil engineering proposals come forward e.g. for road improvement schemes and there is aggregate and other minerals available in the immediate area. The Minerals Planning Authorities are aware of one large road scheme which will require exceptionally large quantities of engineering clay of around 2.5 million cubic metres. This is the proposed improvements to the A14 trunk road between Ellington, to the west of Huntingdon, and Fen Ditton, to the northeast of Cambridge. Given that this is a significant quantity of material an exception is made and borrowpit allocations are identified for this project only. Any proposals to extend the life of these borrowpits to serve the open market will be resisted.

Policy SSP M 7

The site allocations for engineering clay borrowpits to serve the A14 upgrade only are :-

Ref	Site Name	Road scheme	Proposals Map Inset No
A	Boxworth End Farm, North of Trinity Foot Junction	A14 Ellington to Fen Ditton, Cambridgeshire	15
B	Brickyard Farm, Boxworth	A14 Ellington to Fen Ditton, Cambridgeshire	16
C	New Barns Farm, Conington	A14 Ellington to Fen Ditton, Cambridgeshire	17
D	North Bar Hill, Noon Folly Farm	A14 Ellington to Fen Ditton, Cambridgeshire	18
E	North Dry Drayton Junction, Slate Hall Farm	A14 Ellington to Fen Ditton, Cambridgeshire	19
F	North Junction 14, Grange Farm	A14 Ellington to Fen Ditton, Cambridgeshire	20
G	South Junction 14,	A14 Ellington to Fen Ditton, Cambridgeshire	21
H	South of Trinity Foot Junction - East	A14 Ellington to Fen Ditton, Cambridgeshire	22
I	South of Trinity Foot Junction - West	A14 Ellington to Fen Ditton, Cambridgeshire	23

A site profile for each engineering clay borrowpit allocation is provided in Section 6.7.

3.7 Specialist Minerals

3.23 Some minerals within the Plan area have particular characteristics that mean they lend themselves to specialist uses. In the Plan area this includes:

- chalk in the Steeple Morden area which is used in a range of manufacturing processes, including the manufacture of paint, paper, and medicines
- Chalk in the Great Wilbraham area is extracted for non-aggregate purposes i.e. The improvement of agricultural land
- Clay in the Burwell area for the manufacture of traditional brick and tiles
- Soft limestone extraction in the Wicken area which is extracted for non-aggregate purposes
- Clunch extraction at Barrington for restoration of buildings, this is provided through the working of chalk marl reserves which are already permitted
- Collyweston stone used for building works may be also present in the Plan area, but from past experience it is likely that this is only present in small amounts within limestone deposits. The majority of such building stone is imported from Leicestershire.

3.24 Specialist minerals meet a particular need in the Plan area. They play an important role in maintaining the historic character of the area through provision of traditional materials; or contribute to the economy through the provision for the continued supply of specialist minerals (CS10).

3.25 Taking into account known reserves, the Mineral Planning Authorities have made the following site specific allocations:

3.26 Site Specific Specialist Mineral Allocations

Policy SSP M 8

The site specific allocations for specialist minerals extraction are: -

Ref	Site Name	Proposals Map Inset No.
A	Burwell Brickpits, Burwell (brick clay)	24
B	Dimmock's Cote Quarry, Wicken (limestone)	25

A site profile for each specialist mineral allocation is provided in Section 6.8

3.8 Protection of Mineral Resources

Mineral Consultation Areas

3.27 One of the aims of the planning system is to address competing demands on land-use. The Government in Minerals Policy Statement 1 (MPS1) obliges the Mineral Planning Authorities to define and safeguard in their development plans important economic mineral resources from needless sterilisation. To deliver this expectation, and to carry forward the commitments made in the Core Strategy's vision and proposals, the Mineral Planning Authorities will use a two pronged approach to the protection of important mineral resources. This involves the designation of both Mineral Safeguarding Areas and Mineral Consultation Areas. The Core Strategy (CS25) makes provision for mineral safeguarding of potentially economic deposits of sand and gravel,

brick clay, limestone and chalk. The purpose is to make sure that mineral resources are adequately taken into account in all land use planning decisions but do not automatically preclude all other forms of development taking place, but flag up the presence of economic mineral so that it is considered, and not unknowingly or needlessly sterilised. There is no presumption that the resources defined will be worked.

3.28 In areas of existing mineral operations and where mineral reserves are permitted or allocated the MPA's will seek to ensure that existing or future working of reserves will not be prevented or prejudiced by other forms of development. The Core Strategy (CS26) makes provision for the designation of Mineral Consultation Areas for this purpose. Mineral Planning Authorities are required to be consulted on all planning applications with the exception of minor householder applications and advertisements.

3.29 The designated Mineral Consultation Areas will be shown on the Proposals Maps in Local Development Documents (LDD's) of the districts of Cambridge City, East Cambridgeshire, South Cambridgeshire, Fenland, Huntingdonshire and Peterborough City Council unitary authority .

Policy SSP M 9

Mineral Consultation Areas are designated and shown on the Proposals Map at locations:

- **Within and around existing quarry operations and associated permitted reserves**
- **Within and around unimplemented permitted reserves and allocations**

The following Mineral Consultation Areas have been identified:

Ref	Sites with MCA designation	Proposals Map Inset No.
	All site specific allocations tabled in policies SSP M1 to SSP M8 are protected by a MCA.	See Insets 1 - 25
	Additionally	
	Mineral Consultation Areas are designated for the permitted reserves and operational sites listed below	
A	Bainton (Lafarge)	26
F	Cooks Hole, Peterborough (PJ Thory)	27
H	Cross Leys (Mick George)	28
K	Kennett	29
M	Little Paxton (Bardon Aggregates)	30
N	Little Paxton (Lafarge)	31
O	Marsh Lane, Hemmingford Grey (Lafarge)	32
Q	Crick's Farm / Must Farm, Whittlesey (Hanson)	33
Y	Somersham	34
AD	Southorpe Quarry (Mick George)	35
AE	Station Quarry, Steeple Morden	36
AF	Tanholt Farm, Eye (Cemex)	37
AG	Thornhaugh I, Thornhaugh (PJ Thory)	38
AL	Dernford, Nr Stapleford	39

Ref	Sites with MCA designation	Proposals Map Inset No.
AM	Sutton Gault	40

Inset Maps for each Mineral Consultation Area listed above are available in Section 6.9

3.9 Mineral Extraction Proposals Outside of Allocated Areas

3.30 Sufficient resources have been identified to meet the mineral needs of Cambridgeshire and Peterborough over the Plan period although, in the case of limestone, if further sites are not identified permitted resources will have been exhausted by the end of the Plan period. Indeed, in the case of sand and gravel, provision for additional flexibility has also been made. All the sites that have been allocated have been subject to a robust site selection process. Given this, the Core Strategy (CS11) states that:

'Mineral extraction, apart from limestone, outside the allocated sites identified in this Plan will not be granted unless it can be demonstrated that there is an overriding need for an exception to this policy.'

4 Waste Management

4.1 Introduction

Context

- 4.1 The volume of waste arisings and the scale of waste management provision required in the Plan area is set out in Chapter 7 of the Core Strategy.
- 4.2 Waste generated in the Plan area, including the new developments and urban extensions, must be managed in a sustainable way through a network of existing and new waste management facilities consisting of a range of different sizes and types of facility. These may deal with a single waste stream or a range of waste streams, and may collect, bulk up, 'treat' or 'deliver' waste to treatment facilities or dispose of residues. Facilities may be used for both Municipal Solid Waste and Commercial & Industrial waste.
- 4.3 Provision is made for both stand alone facilities, but also the co-location in modern waste management 'eco-parks' which capitalise on the synergies between different types of waste management techniques, and provide a place for exemplar activities and new technologies to be developed.
- 4.4 The cumulative number and type of facilities required over Plan period is set out in Paragraphs 7.8 and 7.9 of the Core Strategy.

Core Strategy policies

- 4.5 The Core Strategy (CS15 -21) makes provision for a network of facilities to meet the sustainable waste management requirements of Cambridgeshire and Peterborough and for a range of facilities, from the local to specialised facilities, such as Household Recycling Centres and facilities for dealing with hazardous waste. The Core Strategy also seeks to safeguard local and specialised waste management facilities including:-
 - Household Recycling Centres (CS16);
 - A range of Recycling /Recovery/Sorting facilities etc (CS15)
 - Waste Water Treatment Works (CS17);
 - Facilities for dealing with hazardous waste (CS19)
 - Inert landfill sites (CS20)
 - Non hazardous landfill sites (CS21)
- 4.6 This Site Specific Proposals Document identifies sites allocated for the development of future facilities and existing and allocated waste management facilities to be safeguarded.
- 4.7 In considering sites and the types of waste management uses that may be appropriate on them, it is often the case that a site could satisfactorily accommodate several alternative types of waste management facility, and possibly multiple integrated uses that together would maximise the recovery and recycling of a particular waste stream. In such circumstances it would be difficult to justify restricting the site to one particular use.
- 4.8 In line with Government guidance (PPS10) flexibility regrading potential uses will be retained and the Waste Planning authorities will not prescribe which use or uses will be taken forward, though it is appropriate to give an indication which would be acceptable. It is also acknowledged that new ways of managing waste are emerging and that technology for waste management is rapidly changing, these uses should not be prevented from coming forward.

- 4.9** The Waste Planning Authorities are demanding high quality development, both in terms of design and operational regimes (CS24). Many activities can now be carried out in an enclosed building. It is this standard of facility that the Waste Planning Authorities will require. Guidance on design and location of such facilities is set out in the Supplementary Planning Document (SPD) The Location and Design of Waste Management Facilities (2010).
- 4.10** In addition to the facility types referred to above, there will need to be a network of waste transfer and bulking up facilities to support these facilities. Policy CS18 makes provision for facilities outside allocated sites to come forward including these.

Waste Spatial Strategy

- 4.11** The waste spatial strategy set out in Chapter 7 of the Core Strategy has been established after taking into account the amount and type of waste to be managed over the Plan period and the capacity of existing facilities.
- 4.12** The spatial strategy for the development of other facility types has been developed in conjunction with the Jacobs NetWaste model. Where the identified waste management need is not expected to be met by existing or permitted facilities, the Netwaste model was used to identify optimal areas of search for different types of facility for waste recycling or recovery. This is then being related to detailed assessments of potential sites, which includes consideration of a range of locational factors/ constraints, and sites have identified for allocation.
- 4.13** Where it has not been possible to identify a specific site, an Area of Search has been identified. In such instances it is anticipated a precise location for a facility will be determined at a later stage, through a master planning and / or a planning application process. In each Area of Search (with the exception of Whittlesey) it is essential that a waste management facility is accommodated in order to achieve the spatial strategy and objectives set out in the Core Strategy.
- 4.14** The two Areas of Search at Whittlesey - Kings Dyke and Saxon Brickpit are different in that they lie outside of an area designated for major new growth. They do, however, provide opportunities for waste management facility development in locations that are consistent with the Core Strategy's waste spatial strategy and close to major waste arisings. They also provide an opportunity to develop energy and waste synergies with local business. The Kings Dyke and Saxon Brickpit Areas of Search cover operational brickwork sites, and any future waste management proposal(s) must not prevent or prejudice the primary function of these sites as operational brickworks.

4.2 Waste Recycling and Recovery Facilities (Non-Landfill)

Policy SSP W 1

The site specific allocations for waste recycling and recovery facilities are :-

Ref	Site Name	Area of Search	Materials Recycling Facility	Househ'd Recycling Centre	Energy from Waste	Specialist	In Vessel Composting	Inert Waste Recycling
A	Adjacent A1 Alconbury (Cmb)	No	Yes	No	No	No	Yes	Yes
B	Alconbury Airfield, Alconbury	Yes	Yes	No	No	No	Yes	Yes
C	Algores Way, Wisbech	No	Yes	No	No	No	Yes	Yes
D	Brookfield Business Park, Cottenham	No	No	No	No	Yes	No	No
E	Cambridge East	Yes	Yes	Yes	No	No	No	Yes
F	Cambridge Northern Fringe	Yes	No	Yes	No	No	No	Yes
G	Cow Lane, Godmanchester	No	Yes	No	No	No	No	No
H	Cross Leys Quarry, Wittering	No	No	No	No	No	No	Yes
I	Dogsthorpe (Cmb), Former brickworks	No	Yes	Yes ⁵	No	Yes	Yes	Yes
J	Envar, Woodhurst	No	No	No	No	No	Yes ²	No
K	Extension of Waste Management Park, Waterbeach	No	Yes	No	Yes	No	Yes	Yes
L	Great Wilbraham Quarry, Great Wilbraham	No	No	No	No	No	No	Yes
M	Grunty Fen, Wilburton	No	No	No	No	No	Yes ¹	Yes
N	Hampton, Peterborough	No	Yes	Yes ⁵	No	Yes	Yes	No
O	Kings Dyke Brickpits, Whittlesey	Yes	Yes	No	Yes	No	Yes	Yes
P	March Trading Park	No	Yes	No	No	No	Yes	Yes
Q	Maxey East, Maxey	No	No	No	No	No	No	Yes

Ref	Site Name	Area of Search	Materials Recycling Facility	Househ'd Recycling Centre	Energy from Waste	Specialist	In Vessel Composting	Inert Waste Recycling
R	Melbourne Ave, March	No	No	Yes	No	No	No	No
S	Needingworth Quarry, Needingworth	No	No	No	No	No	No	Yes
T	Northstowe	Yes	No	No	No	No	No	Yes
U	Northstowe Area 2, Northstowe	Yes	No	Yes	No	No	No	No
V	Puddock Hill, Warboys	No	Yes	No	No	No	Yes	Yes
W	Saxon Brickpits, Whittlesey	Yes	No	No	No	No	No	Yes
X	South of Addenbrookes Access Road	No	No	Yes	No	No	No	No
Y	Station Farm, Buckden	No	Yes	No	No	No	Yes	No
Z	Station Road, Fordham	No	Yes	No	No	No	Yes	Yes
AA	Storey's Bar Road, Fengate, Peterborough	No	Yes	No	Yes	Yes	Yes	No
AB	The Carrops, Red Lodge Recycling and Transfer Station	No	Yes	No	No	No	Yes	Yes
AC	Thornhaugh II, Thornhaugh	No	No	No	No	No	No	Yes
AD	Thornhaugh IIB, (Bullimores), Thornhaugh	No	No	No	No	No	No	Yes
AE	Warboys Industrial Estate	No	Yes	No	No	No	Yes	Yes
AF	West of Peterborough	Yes	Yes	Yes ⁵	No	Yes	Yes	No
AG	Whitemoor, March (Cmb)	No	No	No	No	Yes	No	Yes
AH	Woolpack Farm	No	No	No	No	No	No	Yes ³
AI	Woolpack Farm, Hilton Road	No	No	No	No	No	No	Yes ⁴

Where new waste management technologies come forward these will be considered on their merits

Notes

1 - Windrow composting only.

2 - Includes windrow composting too.

3 - Temporary inert recycling linked to duration of permitted landfill.

4 - Temporary inert recycling linked to re-alignment.

5 - Sites may accommodate a waste transfer station / bulking up facility either as a stand alone or co-located facility.

A site profile for each waste recycling and recovery allocation is provided in Section 7.1.

4.3 Landfill

- 4.15** Landfill is at the bottom of the waste hierarchy (a theoretical framework which acts as a guide to waste management options), and is therefore the final means for managing waste after opportunities for re-use, recovery and recycling have been maximised.
- 4.16** Recent European legislation, the Landfill Directive, means that all waste going to landfill in the future will have been pre-treated i.e. subject to recovery and recycling, and only the residues will be landfilled.
- 4.17** Landfill sites are normally be classified by the type of waste they receive and are classified as inert, non-hazardous or hazardous. (see paragraph 7.61 of the Core Strategy)
- 4.18** In accordance with the spatial strategy for waste management facilities, the Core Strategy (CS20) makes future provision for inert landfill. The following site specific allocations are made:

Site Specific Allocations for Inert Landfill

Policy SSP W 2

The site specific allocations for inert waste landfill disposal are :-

Ref	Site Name	Proposals Map Inset No.
A	Cooks Hole, Peterborough	76
B	Cottenham	77
C	Cross Leys Quarry, Wittering	48
D	Maxey East, Maxey	57
E	Thornhaugh II, Thornhaugh	69
F	Thornhaugh IIB, (Bullimores), Thornhaugh	70

A site profile for each allocation is provided in Section 7.2

- 4.19** When considering provision for the whole of Plan area it is important to note that the Core Strategy makes provision for the following inert landfill allocation.
- Block Fen / Langwood Fen

Site Specific Allocations for General Non-Hazardous Landfill

- 4.20** There is no identified need for additional non hazardous landfill provision during the Plan period, therefore any proposals for additional non hazardous landfill will be resisted. However, exceptionally some full scale proposals may be considered favourably where it is demonstrated that supplementary landfill engineering is required in order to address land stability and/or to address existing or potential pollution of the environment (CS21). The following allocation is made for this reason.

Policy SSP W 3

The site specific allocation for general non-hazardous waste landfill disposal is :-

Ref	Site Name	Proposals Map Inset No.
A	Puddock Hill (Landfill), Warboys	82

A site profile for the allocation is provided in Section 7.3

Stable Non-Reactive Hazardous Waste Disposal

- 4.21** An existing landfill site in Thornhaugh, Peterborough, is takes stable non-reactive hazardous waste such as bonded asbestos and gypsum based products. The waste is managed to controlled standards and contained in engineered cells at existing landfill sites. Given this is the only type of hazardous landfill within the Plan area, scope for some limited extension at existing facilities, which would help to maintain this contribution to the disposal of stable non-reactive hazardous waste over the Plan period, is considered appropriate (CS19).
- 4.22** The small arisings are not anticipated to significantly affect the landfill void space requirements for Cambridgeshire and Peterborough although separate landfill cells will be needed.

Policy SSP W 4

The site specific allocations for stable non-reactive hazardous waste landfill are :-

Ref	Site Name	Proposals Map Inset No.
A	Grunty Fen, Wilburton	83
B	Thornhaugh I, Thornhaugh	84

Site profiles for each allocation are provided in Section 7.4

General Hazardous Waste

- 4.23** Account has been taken of a major landfill site accepting a wide range of hazardous waste at East North Resource Centre at King's Cliffe in Northamptonshire. The specialist nature of hazardous waste, and the small amount of such waste arising locally means that sites such as that at Kings Cliffe have a catchment area that far exceeds their immediate area. Given this close proximity and the relative small amount of hazardous waste arising within Cambridgeshire and Peterborough, it is not considered appropriate to make an allocation for a general hazardous waste landfill.

Policy SSP W 5

No site specific allocation is made for general hazardous waste landfill disposal.

4.4 Waste Water Treatment

Waste Water Treatment Works

- 4.24** Waste water treatment works are essential infrastructure for the delivery of sustainable communities, without adequate treatment capacity and network of sites serving the Plan area, serious health and environmental pollution issues would rapidly develop. Finding suitable sites to accommodate works is difficult given the operational requirements that need to be addressed and environmental considerations, therefore the existing capacity needs to be protected in order that it can continue to meet the needs of the current and future population.
- 4.25** A general Waste Water Treatment Works policy specifying locational and environmental criteria for future waste water treatment works is established in the Core Strategy policy CS17 - Waste Water Treatment Works. This takes into account that waste water treatment works have the potential to adversely affect sensitive development which is located too close to the operational areas.
- 4.26** Policy CS17 of the core Strategy makes provision for new waste water treatment works capacity including the improvement or extension of existing works. In response to planned development a need exists for a new waste water treatment works north of Ely, Cambridgeshire.

Policy SSP W 6

The site specific allocation for a new waste water treatment works is :-

Ref	Site Name	Proposals Map Inset No.
A	Ely Waste Water Treatment Works (Area of Search)	85

A site profile for the allocation is provided in Section 7.6

Waste Water Treatment Works Safeguarding Areas

- 4.27** Core Strategy policy CS31 makes provision for the protection of existing and allocated waste water treatment facilities (WWTW's). This is established through the designation of Waste Water Treatment Works Safeguarding Areas. Within safeguarding there is a presumption against allowing development that would be occupied by people. This includes new building or changes of use of building to residential, industrial, commercial, sport and recreational uses.
- 4.28** 4 Where new development is proposed within a safeguarding area involving building that would normally be occupied, the application must be accompanied by an odour assessment report. This assessment must consider existing odour emissions of the waste water treatment works at different times of year and in a range of different weather conditions.
- 4.29** The designated Waste Water Treatment Works Safeguarding Areas will be included on the Proposals Maps in Local Development Documents (LDD's) of the districts of Cambridge City, East Cambridgeshire, South Cambridgeshire, Fenland, Huntingdonshire and the unitary authority Peterborough City Council.

Policy SSP W 7

Waste Water Treatment Works Safeguarding Areas are designated within and around waste water treatment works with a capacity exceeding 2000 population equivalent. The Safeguarding Areas are defined on the Proposal Map.

The following Waste Water Treatment Works Safeguarding Areas have been identified:

Ref	Asset Name	Asset Location	Proposals Map Ref No.
A	Alconbury STW	Huntingdonshire District	86
B	Balsham STW	South Cambridgeshire District	87
C	Bassingbourn STW	South Cambridgeshire District	88
D	Bottisham STW	East Cambridgeshire District	89
E	Bourn STW	South Cambridgeshire District	90
F	Brampton STW (Cambs)	Huntingdonshire District	91
G	Buckden STW	Huntingdonshire District	92
H	Burwell STW	East Cambridgeshire District	93
I	Cambridge STW	Cambridge City	94
J	Chatteris-Nightlayer Fen STW	East Cambridgeshire District	95
K	Doddington STW	Fenland District	96
L	Duxford STW	South Cambridgeshire District	97
M	Ely (Old) STW	East Cambridgeshire District	98
N	Ely Waste Water Treatment Works (Area of Search)	East Cambridgeshire District	85
O	Ely-New STW	East Cambridgeshire District	99
P	Foxton STW (Cambs)	South Cambridgeshire District	100
Q	Gamlingay STW	South Cambridgeshire District	101
R	Haddenham STW	East Cambridgeshire District	102
S	Haslingfield-STW	South Cambridgeshire District	103
T	Huntingdon (Godmanchester) STW	Huntingdonshire District	104
U	Isleham STW	East Cambridgeshire District	105
V	Kimbolton STW	Huntingdonshire District	106
W	Linton STW	South Cambridgeshire District	107
X	Little Downham STW	East Cambridgeshire District	108
Y	Littleport STW	East Cambridgeshire District	109
Z	March STW	Fenland District	110
AA	Melbourn STW	South Cambridgeshire District	111
AB	Needingworth STW	Huntingdonshire District	112
AC	Oldhurst STW	Huntingdonshire District	113
AD	Over STW	South Cambridgeshire District	114

Ref	Asset Name	Asset Location	Proposals Map Ref No.
AE	Papworth Everard STW	South Cambridgeshire District	115
AF	Peterborough (Flag Fen) STW	Peterborough Unitary Authority Area	116
AG	Ramsey STW	Huntingdonshire District	117
AH	Royston STW	South Cambridgeshire District	118
AI	Sawston STW	South Cambridgeshire District	119
AJ	Sawtry STW	Huntingdonshire District	120
AK	Soham STW	East Cambridgeshire District	121
AL	Somersham STW (Cambs)	Huntingdonshire District	122
AM	St Ives STW	Huntingdonshire District	123
AN	St Neots STW	Huntingdonshire District	124
AO	Stamford STW	Peterborough Unitary Authority Area	125
AP	Stretham STW	East Cambridgeshire District	126
AQ	Teversham STW	South Cambridgeshire District	127
AR	Uttons Drove STW	South Cambridgeshire District	128
AS	Waterbeach STW	South Cambridgeshire District	129
AT	Whittlesey STW	Fenland District	130
AU	Witcham STW	East Cambridgeshire District	131
AV	Witchford STW	East Cambridgeshire District	132
AW	Wyton (RAF) STW	Huntingdonshire District	133

Inset Maps showing the extent of the Safeguarding Area are made available in Section 7.7

4.5 Protection of Waste Management Sites

- 4.30** Government guidance (PPS 10) advises that all planning authorities should, where relevant, consider the likely impact of proposed non-waste related development on existing waste management facilities, and on sites allocated for waste management. Where future development proposals would prejudice the implementation of the Development Plan's waste strategy, consideration should be given to how they could be amended to make them acceptable or, where this is not practicable, to refusing planning permission.
- 4.31** The Core Strategy(CS30)makes provision for the Site Specific Proposals document to designate Waste Consultation Areas within and around existing key waste management facilities and allocations. The intent of this proposal is to ensure that existing and allocated sites for waste management facilities are protected as far as practicable from development that would prejudice a waste management use.
- 4.32** The Waste Planning Authorities have concluded that it is not practicable to safeguard all existing waste management facilities, as there is a substantial number of small facilities e.g. waste metal recyclers. Protecting all existing waste management facilities with a Consultation Area

designation would make the policy difficult to implement in practice. However, it is important to protect the 'key' facilities i.e. those which make a significant contribution to managing any waste stream, and these will benefit from the designation of a Waste Consultation Area.

- 4.33** The Waste Planning Authority must be consulted on any planning application with waste consultation areas except a householder application (minor development works relating to existing property) or advertisements.

Waste Consultation Areas

- 4.34** In areas around existing, permitted or allocated sites for waste management operations the Waste Planning Authorities will seek to ensure that existing or future operations will not be prejudiced by other forms of development. The Core Strategy (CS27) makes provision for the designation of Waste Consultation Areas for this purpose. Preferred Option SSP15 takes this provision forward.

Proposals Maps

- 4.35** The designated Waste Consultation Areas will be included on the Proposals Maps in Local Development Documents (LDD's) of the districts of Cambridge City, East Cambridgeshire, South Cambridgeshire, Fenland, Huntingdonshire and the unitary authority Peterborough City Council.

Policy SSP W 8

Waste Consultation Areas are designated at locations:

- **Within and around (250m) existing waste management facilities that make a significant contribution in managing waste in Cambridgeshire and Peterborough**
- **Within and around unimplemented permitted waste management sites, preferred options allocations and Areas of Search**

Development will only be permitted where it is demonstrated that this will not prejudice existing or future waste management operations.

The following Waste Consultation Areas have been identified:

Ref	Proposed sites with WCA designation	Proposals Map Inset No
	All site specific allocations tabled in policies SSP W1 to SSP W6 are protected by a WCA.	
	Plus	
	WCAs around permitted operational sites	
C	Alconbury HRC	134
E	Bridgesfoot Quarry, Flint Cross (Cmb)	135
K	Cottenham Skips, Cottenham	136
L	Cow Lane, Godmanchester (Donarbon Inert Landfill)	137
M	Cow Lane, Godmanchester (SITA Landfill)	138
O	Cowley Road, Cambridge	139
Q	Dawson Plant Hire, Swavesey	140

Ref	Proposed sites with WCA designation	Proposals Map Inset No
S	Dogsthorpe Landfill, Peterborough	141
T	Ely Road, Littleport	142
V	European Metals, Fordham	143
X	Eyebury Landfill, Peterborough	144
Y	Former Mepal Airfield (Cmb), Sutton	145
Z	Fourth Drove, Metals Recycling Facilities, Peterborough	146
AD	Hasse Road, Soham (Composting)	147
AE	Hundred Road, March (Landfill and Household Recycling Centre)	148
AF	Kennett (Landfill)	149
AH	Little Paxton (Eaton Tractors) - (Inert Waste Recycling)	150
AI	Manea Road, Wimblington	151
AK	Marston Road, St Neots	152
AM	Meadow Lane, St Ives (Recycling Centre)	153
AO	Meldreth (Landfill)	154
AP	Milton (Landfill)	155
AT	Pet Crematorium, A505, Thriplow	156
AU	Plantation Farm, Kennett (Inert Recycling)	157
AW	Ramsey (Composting)	158
AZ	South of Worsted Lodge, A11, Pampisford	159
BA	St Neots (Waste Transfer Station)	160
BC	Station Farm, Buckden	161
BE	Ten Mile Bank, Littleport (Waste Transfer Station)	162
BK	Thriplow HRC	163
BL	Warboys (Landfill)	164
BP	Whittlesey HRC	165
BQ	Wisbech HRC	166
BR	Witchford Road, Wisbech	167
BS	Woodhatch Farm, Brampton (Composting)	168
BV	Bluntisham Household Recycling Centre	169
BW	Hook Lane, Wimblington	170

An Inset Map for each Waste Consultation Area listed above is available in Section 7.8

5 Sustainable Transport Sites for Minerals and Waste

Site Specific Proposals for Sustainable Transport of Minerals and Waste - Sustainable Transport Protection Zones

- 5.1** Government guidance (MPS1) and the principles of sustainability make it clear that sustainable transport should be supported and encouraged. It is therefore considered that existing facilities should be safeguarded to ensure their continued contribution to sustainable transport of minerals and waste, and the development of new facilities should be encouraged.
- 5.2** In addition to the transport of 'local' mineral and waste, it is also anticipated that over the Plan period Cambridgeshire and Peterborough could receive around 22% of the residual municipal and commercial / industrial waste exported from London to the East of England. Although the majority of this should be in the form of waste residues (i.e. the waste would have been pre-treated), this is still a significant amount of waste, amounting to around 5.1 million tonnes (just below 5% of the total amount of waste to be managed) over the period 2006 to 2026.
- 5.3** The transport implications of accommodating London's waste is that not all landfill sites in Cambridgeshire and Peterborough are readily accessible, and those that are not subject to catchment area restrictions are primarily located in the north and east of the Plan area, in Fen or edge of Fen locations. In the light of this it is considered particularly important to encourage any imports of waste to be transported by sustainable means, and in practice this is likely to be by rail.
- 5.4** This Site Specific Proposals DPD takes forward the provision made by the Core Strategy (CS23) to safeguard through the designation of protection zones, the existing sustainable transport facilities in the Plan area. The Mineral /Waste Planning Authorities must be consulted on any planning application made within a transport Protection Zone except as householder application (minor development relating to an existing property or advertisement)
- 5.5** The transport of mineral by sea is not taking place at present, but raises the question of whether there may be a future role for Wisbech port as an aggregates terminal.
- 5.6** An opportunity has come forward for a new railhead in the Cambridge Northern Fringe. The Core Strategy (Policy CS23) encourages the provision of new sustainable transport facilities for the transport of minerals and waste. This site is therefore allocated. In allocating this site it is recognised that there is an existing just south of the allocated site. This new site could supplement the existing facility, or in the event of the existing facility closing, replace it. It is considered vital to have railhead provision in the Cambridge area, particularly given the growth that is anticipated in the immediate area. This includes the upgrade of the A14 which will require the import of a substantial amount of hard rock by rail.

Site specific allocations for Sustainable Transport Zones

Policy SSP T 1

The following area is designated as a Sustainable Transport Zone:

Ref	Site Name	Proposals Map Inset No.
A	North of Chesterton Sidings, Cambridge	171

Site specific designations for Sustainable Transport Protection Zones

Policy SSP T 2

The following areas are designated as Sustainable Transport Protection Zones:

Ref	Site Name	Proposals Map Inset No.
	All site specific allocations tabled in policies SSP W1 to SSP W6 are protected by a WCA.	41 - 85
	Plus	
A	Barrington Cement Works Railhead	172
B	Bourges Boulevard Rail Sidings, Peterborough	173
C	Cambridge Northern Fringe (Aggregates Railhead)	174
D	European Metal Recycling, Snailwell	175
F	Queen Adelaide Railhead, Ely	176
G	Whitemoor, March	177
H	Wisbech Port	178

Within these Protection Zones there will be a presumption against any development that could prejudice the existing or potential use of the protected sustainable transport facility for the transport of minerals and / or waste. The Mineral Planning Authority / Waste Planning Authority must be consulted on any planning proposal that may potentially prejudice these Protection Zones.

The proposed extent of each Sustainable Transport Protection Zone is shown on the Inset Maps in Section 8.2

- 5.7** The creation of new railheads or ports within the Plan period is a possibility. The MPAs / WPAs would consider any new proposal in the light of this policy and seek to apply a similar designation if the capacity and handling capabilities of the facility was appropriate for handling mineral and/or waste consignments.

6 Implementation and Monitoring

Introduction

6.1 The Planning and Compulsory Purchase Act 2004 requires the production of an Annual Monitoring Report to be submitted to the Secretary of State. Reports will cover periods of 12 months from 1 April to 31 March and be submitted by the end of the calendar year. The primary purpose of the Annual Monitoring Reports is to report on:

- progress on implementation of the Minerals and Waste Development Scheme and preparation of Minerals and Waste Development Documents; and
- the extent to which policies in Minerals and Waste Development Documents are being achieved.

6.2 The annual monitoring of planning objectives, policies, targets and milestones is an important tool providing feedback for consideration of any corrective measures necessary through the cycle of Plan / Monitor / Manage.

Monitoring Objectives

Implementation of the Local Development Scheme:

- To assess whether the timetable and milestones for the preparation of documents set out in the local development scheme have been met or progress is being made towards meeting them or, where they are not being met or not on track to being achieved, the reasons why
- To address the steps to be taken to accelerate the completion of the local development documents if progress is falling behind the targets and milestones contained in the local development scheme

Implementation of Plan Policies and Proposals:

- To assess whether policies and related targets in local development documents (or saved policies) have been met or progress is being made towards meeting them or, where they are not being met or not on track to being achieved, the reasons why.
- To assess what impact the policies are having in respect of national and regional targets and any other targets identified in local development documents
- To assess what significant effects implementation of the policies is having on the social, environmental and economic objectives by which sustainability is defined and whether these effects are as intended.
- To assess whether the policies in the local development document need adjusting or replacing because they are not working as intended.
- To assess whether the policies need changing to reflect changes in national or regional policy.
- To identify the actions needed to achieve any change in policies arising from the monitoring of policies and targets.

Preparation of the Annual Monitoring Report

- To identify any problems and limitations encountered in preparation of the Annual Monitoring Report and how they will be overcome in subsequent reports.

Targets and Indicators

Process:

Target	Indicators
To meet the timetable for LDD preparation contained in the Cambridgeshire & Peterborough LDS	Compliance with dates contained in the Authorities LDS's.

Contextual and Significant Effects indicators:

Target	Indicators
To examine the impact of minerals and waste development upon sustainability objectives and targets, residential amenity, landscape and natural resources, biodiversity, nature conservation, highways and transport	To be drawn from SEA
To ensure progress on the delivery of sustainable communities, including infrastructure, is matched by an adequate supply of aggregates with reference to national strategy, RSS and LDF targets	a) Cambridgeshire and Peterborough annual housing supply report b) Production of primary land won aggregates from annual minerals survey c) Production of secondary / recycled aggregates from annual minerals survey
To ensure progress on the delivery of sustainable communities, including infrastructure, is supported by an adequate supply of local waste management facilities, in appropriate locations, with reference to national waste strategy, RSS and LDF targets	a) Cambridgeshire and Peterborough annual housing supply report b) Provision of sustainable waste management facilities / capacity from annual survey

Core Output Indicators:

Target	Indicator
To meet national, regional and LDD targets for primary aggregates	Production of primary land won aggregates from annual minerals survey
To meet national, regional and LDD targets for secondary/recycled aggregates	Production of secondary/recycled aggregates from annual minerals survey
To meet national, regional and LDD targets for various categories of waste management facilities	Capacity of new waste management facilities by type from annual waste survey
To meet national, regional and local targets for various categories of municipal waste.	Amount of municipal waste arising, and managed by management type, and the percentage each management type represents of the waste managed from annual waste survey

Cambridgeshire and Peterborough Minerals and Waste Development Plan Local Indicators

Implementation and Monitoring of the Minerals Strategy

- 6.3** The strategy for mineral provision within the Plan has been divided up to make separate provision for the main minerals currently being worked within the Cambridgeshire and Peterborough.
- 6.4** Sand and gravel for use as aggregates is the most extensively worked mineral and occurs over a large parts of the Plan area. Aggregates are key to the delivery of planned growth in the County and provision has been made to meet the apportionment figure of 2.82 mtpa. However in order to ensure a steady supply of sand and gravel to the construction industry can be maintained, provision is being made to maintain production capacity at 3 mtpa from 3 production areas.
- 6.5** The northern production area is centred on Peterborough and incorporates the northern part of the Plan. Here the strategy is dependant upon maintaining production levels throughout the plan period. To achieve this reliance is being placed on the additional reserves being brought forward from three areas. 2 will be extensions to existing quarries, and the third site, Kings Delph is dependant on the workings associated with the brick clay extraction. The likely timescale of this site coming forward has been discussed with the operator of the brickworks and the timing considered in the context of the strategy. Whilst a detailed assessment of development impacts and mitigation techniques will be required as part of the development control process no major obstacles are anticipated to the delivery of the Plan
- 6.6** For the Earith/Mepal production area, the strategy relies on this area to be providing nearly half the required annual tonnage of sand and gravel by 2010. During the majority of the Plan period, a large proportion of this will come from areas which already have the benefit of planning permission. However, towards the end of the plan period significant new areas of working will be required. Proposals will need to be demonstrate that they can address the requirements of the Block Fen / Langwood Fen Master Plan. This includes strategic flood water storage capacity and wetland habitat creation, and as well as demonstrating that additional working in the vicinity of the Ouse Washes would not have an detrimental impact on this internationally important wetland habitat.
- 6.7** The third production area , Central, covers the areas outside the northern area and Earith / Mepal area and makes provision for workings close to important growth areas and key settlements. Within this area reliance is being placed on the planned supply being met by existing permitted reserves and site specific allocations. Although a detailed assessment of development impacts and mitigation techniques will be required as part of the development control process, having examined the potential constraints through the detailed site selection process it is reasonable to assume that the selected sites would be brought forward and be capable of being worked during the plan period. Reserves at the Needingworth site are an extension to an existing site, which owing to the phasing of the existing site relative to the allocation, are likely to be brought forward early in the plan period. The site at Cottenham/Landbeach is also an extension to an existing permitted site. New reserves are not expected to be making a contribution to aggregate supply for the early part of the plan period.
- 6.8** Overall the implementation of the sand and gravel strategy is in the early part of the plan period dependant on existing permitted reserves continuing to be worked. As these are exhausted, and a number of older quarried close, provision through site specific allocations will be made for new areas to be worked. The site specific allocations put forward will contain proven economic reserves of sand and gravel and are be available for extraction.

- 6.9** In terms of other minerals provision is made for brickclay to ensure continuity of supply of raw material to the Whittlesey brickworks during the plan period and beyond. Although the currently permitted Must Farm site contains adequate reserves to supply the brickworks for most of the plan period, the Council's are aware that there are other development pressures which may affect a significant part of the Must Farm reserve. The Kings Delph site is long term strategic site by allocating it; the Plan is making provision for it to come forward at an earlier stage if the Must Farm site cannot be fully worked. The site is known to contain proven clay reserves and is available for extraction. The operator of the brickworks is in a position of being able control of the future availability of both the Must Farm and Kings Delph sites to ensure security of supply for the Plan period.
- 6.10** Overall the minerals strategy is reliant on the assumption that the allocated sites will come forward in a timely fashion to meet the predicted demand. A role of the AMR is to monitor production and reserves on an annual basis and the number of applications coming forward extraction. If it becomes clear that the site specific allocations are not coming forward as planning applications as anticipated alternative mineral sites would need to be identified through a review of the Core Strategy and / or Site Specific Plan.
- 6.11** The strategy is also reliant on the assumption that the existing permitted sites and allocated sites remain available during the Plan period to allow the deposit to be worked to its full extent. In order to achieve this mineral safeguarding areas and mineral consultation areas have been identified in order to prevent development being permitted that might prejudice future working. Delivery of this part of the strategy will require close working with the local planning authorities to protect these areas and allow future mineral extraction to take place.
- 6.12** Appropriate development control policies have been developed to ensure the delivery of the objectives by setting out the criteria to assess applications. These will be delivered by the mineral planning authorities through the development control process.
- 6.13** Set out in the table below are the objectives of the mineral strategy together with the mechanisms for delivery. In a number of cases it is not possible to set a specific target however it is possible to measure the effectiveness of the policy to see how far it is influencing mineral development.

Objective	Policy	Indicator	Implementation Mechanism	Delivered by	When	How monitored
To contribute to the national, regional and local mineral supply by maintaining an adequate and steady supply of minerals (sand and gravel, limestone, brickclay, chalk marl, and specialist minerals) and to meet local requirements, at a rate sufficient to enable the delivery of the planned growth in Cambridgeshire and Peterborough	CS1 CS4	Monitoring of landbank through annual survey.	Site specific allocations decisions Development control decisions	CCC & PCC	Ongoing throughout Plan period	a) Cambridgeshire and Peterborough annual housing supply report b) Production of primary land won aggregates from annual minerals survey c) Production of secondary/recycled aggregates from annual minerals survey Monitoring of planning decisions
	CS4 CS5	Supply of 1.4 mtpa from the Earith / Mepal Zone	Site specific allocations at Block Fen / Langwood Fen, Mepal	CCC, site operator, landowners	from 2010 onwards	Annual survey of sand and gravel production Monitoring of planning decisions
	CS4 SSP M 1	Supply of 0.85 mtpa from the Central / Southern Zone	Site specific allocations in the Site Specific Proposals Plan	CCC, site operator, landowners	Ongoing throughout Plan period	Annual survey of sand and gravel production Monitoring of planning decisions
	CS4 SSP M 1	Supply of 0.75 mtpa from the Northern Zone	Site specific allocations in the Site Specific Proposals Plan	PCC site operator, landowners	Additional reserves from these allocations are required from 2010 onwards	Annual survey of sand and gravel production Monitoring of planning decisions

Objective	Policy	Indicator	Implementation Mechanism	Delivered by	When	How monitored
	CS6	Supply of limestone	Criteria based policy allowing suitable sites to come forward Development control (planning application) procedures	PCC operators	Through plan period	Annual survey of aggregate production Monitoring of planning decisions
	CS8 SSP M 5	Ensuring adequate reserves are available to supply 0.5 million m ³ to the Whittlesey brickworks	Protecting existing permitted reserves. Site specific allocation at Kings Delph. Ensuring the additional reserves are capable of being developed	CCC, site operator	On going throughout plan period. Reserves at Kings Delph are required as the existing Must Farm site is completed	Liaison with operator of brickworks
	CS9 SSP M 4	Ensuring an adequate stock of permitted reserves of at least 15 years is available to supply Barrington Cement Works.	Protecting existing permitted reserves. Ensuring the additional reserves are	CCC, site operator	On going throughout plan period.	Liaison with operator of cement works

Objective	Policy	Indicator	Implementation Mechanism	Delivered by	When	How monitored
			capable of being developed			
	CS10 SSP M 8	Make provision to ensure a continued supply of mineral for specialist uses	Site specific allocations at Burwell and Wicken Development control decisions	CCC, site operator	As needs are identified	Liaison with relevant operators
	CS11 SSP M 2	Making provision of adequate materials for large civil engineering projects	Liaison with relevant operators	PCC & CCC Highway Agency Highway Authority Landowners Road building contractors Environment Agency (as drainage authority)	As the construction of the relevant road schemes progress	Monitoring of planning decisions
	CS12 SSP M 6 SSP M 7	Engineering Clay	Development control decisions	PCC & CCC	As needs are identified	Liaison with relevant operators

6 Implementation and Monitoring

Objective	Policy	Indicator	Implementation Mechanism	Delivered by	When	How monitored
To provide for the creation and servicing of new sustainable communities and infrastructure in the plan area	CS23 CS27 CS37 CS40 SSP M 9 SSP M 10 SSP W 7 SSP W 8 SSP T 1 SSP T 2	No specific target set, measured to assess impact of the plan policies	Development control decisions	PCC & CCC Local planning authorities	Ongoing throughout the plan period	Annual monitoring of development control decisions
To make allocations for new sand and gravel extraction in areas outside of the Ouse and Nene river valleys	CS1 CS4 CS5 SSP M 1	No new sites permitted in the Ouse and Nene river valleys	Site specific allocations for adequate supplies outside these areas Development control decisions	PCC & CCC	Ongoing throughout the plan period	Monitoring of planning decisions

Objective	Policy	Indicator	Implementation Mechanism	Delivered by	When	How monitored
To safeguard the economic mineral resource of Cambridgeshire and Peterborough through the designation of Mineral Safeguarding Areas and Mineral Consultation Areas	CS25 CS26 SSP M 9 SSP M 10	Number of planning decisions that sterilise permitted mineral reserves Number of planning decisions that sterilise economic mineral deposits permitted mineral reserves	Mapping safeguarded and mineral consultation areas	PCC & CCC Local Planning Authorities	Ongoing throughout Plan period	Monitoring of planning decisions made by local planning authorities
To minimise the use of virgin mineral by encouraging the efficient use of materials, including recycling and re-use of waste, and the minimisation of construction waste in the development of sustainable new communities	CS2 CS7 CS11 CS28 CS42 SSP M 2 SSP W 1	Ensuring at least 18% of aggregate needs are met from recycled and secondary aggregate sources.	Ensuring provision is made for permanent and long term temporary recycling facilities across the plan area	CCC, Land owners, Developers. Local planning authorities,	Ongoing throughout the plan period	Monitoring of Waste Audits on construction sites Production of secondary/recycled aggregates from annual minerals survey
The preparation of the Block Fen / Langwood Fen Master Plan to guide mineral extraction and restoration in the Earith Mepal Area	CS3 CS5	Production of the Master Plan as a Supplementary Planning Document	Production in accordance with the Cambridgeshire Minerals and Waste Development Scheme	CCC	Draft February 2010 Adoption June 2011	Annual Monitoring Report

Objective	Policy	Indicator	Implementation Mechanism	Delivered by	When	How monitored
To contribute to meeting strategic objectives relating to sustainable flood risk management for the Cranbrook and Counter Drain catchment, and complementary habitat creation adjacent to the Ouse Washes, through mineral extraction and restoration in the Earith / Mepal area.	CS2 CS5 CS20 CS27	Securing a more sustainable flood management in the Cranbrook / Counter Drain Catchment, Provision of water storage with capacity of 10 million m3 The creation of 480 hectares enhancement habitat adjacent to the Ouse Washes	Site specific allocations and policies in the Core Strategy The Block Fen / Langwood Fen Master Plan (SPD) Development control decisions	CCC Environment Agency Land owners, Mineral companies, Environmental Bodies	Post 2026	Annual monitoring of development control decisions Annual monitoring of sites to determine area restored to lowland wet grassland & flood water storage following mineral extraction Severity and frequency of flood events affecting the Cranbrook / Counter Drain catchment Number of successful breeding pairs of snipe at Block Fen / Langwood Fen
To provide for the long term management of the enhancement habitat adjacent to the Ouse Washes and the water resource created	CS5 CS27	No specific target set above those set out for the Earith Mepal Area (480 hectares enhancement habitat), measured to assess impact of the plan policies	Site specific allocations and policies in the Core Strategy Development control decisions	CCC	Ongoing throughout the plan period	Annual monitoring of development control decisions Annual monitoring of sites to determine area restored to habitat creation following mineral extraction Number of successful breeding pairs of snipe at Block Fen / Langwood Fen
To maximise biodiversity and community benefits including additional green infrastructure through appropriate afteruses following mineral extraction, particularly in the Earith/Mepal area						

Objective	Policy	Indicator	Implementation Mechanism	Delivered by	When	How monitored
			The Block Fen / Langwood Fen Master Plan (SPD)			
To encourage operational practices and restoration proposals which minimise or help to address climate change	CS22 CS24	No specific target set, measured to assess impact of the plan policies	Development control decisions	PCC & CCC Waste collection and disposal authorities	Ongoing throughout the plan period	Annual monitoring of development control decisions
To identify planning policy criteria by which to assess mineral proposals, ensure effective planning control and appropriate location of mineral extraction	CS1, CS3, CS4, CS5, CS6, CS8, CS9, CS10, CS11, CS12, CS13, CS22, CS23, CS24, CS25, CS26, CS32 to CS42 SSP M 1 to SSP M 8	Development of criteria based policies	Policies drafted in appropriate DPDs Development Control decisions	CCC & PCC	Adoption of LDF	Policies adopted in Plan Annual monitoring of development control decisions

Objective	Policy	Indicator	Implementation Mechanism	Delivered by	When	How monitored
To safeguard and enhance the distinct landscapes of Cambridgeshire and Peterborough including the wet fens, river valleys, chalk and limestone uplands	CS6, CS11, CS12, CS13, CS24, CS27, CS33, CS34 SSP M 3 SSP M 7 SSP M 10 SSP W 7	No specific target set, measured to assess impact of the plan policies	Development control decisions	PCC & CCC	Ongoing throughout the plan period	Annual monitoring of development control decisions
To protect and enhance the biodiversity and historic environment, including designated sites, of Cambridgeshire and Peterborough	CS5, CS6, CS11, CS12, CS24, CS27, CS35, CS36, CS39 SSP M 3	No designated sites (SSSI, SAC, SPA, Ramsar, County Wildlife Sites, conservation area (SAM) adversely affected by mineral related development. No protected species adversely affected by mineral related development	Development control decisions	PCC & CCC	Ongoing throughout the plan period	Annual monitoring of development control decisions
To protect the ground and surface water resources of Cambridgeshire and Peterborough	CS8, CS24, CS34, CS41, CS42	No ground and surface water resources adversely affected by mineral related development	Development control decisions	PCC & CCC Environment Agency	Ongoing throughout the plan period	Annual monitoring of development control decisions

Objective	Policy	Indicator	Implementation Mechanism	Delivered by	When	How monitored
	SSP M 3					
To safeguard the residential amenity of new and existing communities in Cambridgeshire and Peterborough	CS13 CS24 CS27 CS32 CS34 CS41	No adverse impact on residential impact as a result of mineral related development	Development control decisions	PCC & CCC	Ongoing throughout the plan period	Number of complaints about the adverse impacts from minerals related developments granted planning permission since the adoption of the Plan
To ensure that potential emissions are minimised as part of minerals development	CS22 CS24 CS34	No specific target set, measured to assess impact of the plan policies	Development control decisions	PCC & CCC Minerals Industry	Ongoing throughout the plan period	Air quality results from districts Annual monitoring of development control decisions
To ensure high quality in terms of design and operation of mineral operations in Cambridgeshire and Peterborough	CS22	All applications meeting the requirements of the policy	Development control decisions	CCC & PCC	Ongoing throughout the plan period	Annual monitoring of development control decisions
To encourage and safeguard sustainable transport of minerals e.g. by rail and water	CS23 SSP T 1 SSP T 2	No specific target set, measured to assess impact of the plan policies	Development control decisions	CCC & PCC, Network Rail, Environment Agency, Inland Waterways	Ongoing throughout the plan period	Annual monitoring of development control decisions Monitoring of planning decisions made by local planning authorities in Transport Protection Zones

Objective	Policy	Indicator	Implementation Mechanism	Delivered by	When	How monitored
To ensure the sustainable use of soils in Cambridgeshire and Peterborough	CS38	No specific target set, measured to assess impact of the plan policies	Designation of Transport Protection Zones Development control decisions in liaison when appropriate with Natural England and the Government Office (Defra)	CCC & PCC	Ongoing throughout the plan period	Annual monitoring
Earith / Mepal (Block Fen / Langwood Fen) Area - to ensure there is no adverse impact on the Ouse Washes through extraction and restoration, through well planned and designed and controlled working and restoration	CS5 CS20 CS27	No detriment impact to Ouse Washes	Block Fen / Langwood Fen Master Plan Requirement for an ecological management plan including an annual monitoring regime as part of any planning permission granted in vicinity of the Ouse Washes	CCC Minerals and Waste Industry	Ongoing throughout the Plan period and beyond	Reporting on an annual basis in line with an agreed ecological management plan

Objective	Policy	Indicator	Implementation Mechanism	Delivered by	When	How monitored
Earith / Mepal (Block Fen / Langwood Fen) Area - to provide for new and enhanced recreational opportunities including a local visitor centre	CS5 CS27 CS37	New and enhanced recreational opportunities	Block Fen / Langwood Fen Master Plan	CCC Minerals and Waste Industry	Ongoing throughout the Plan period and beyond	Annual site monitoring
Earith / Mepal (Block Fen / Langwood Fen) Area - to address the traffic management in the area i.e. movements associated with use of the land for mineral extraction and recreation	CS5 CS32	Access taken off existing roundabout junction off the A142 at Block Fen. Improvements to Block Fen Drove secured. Backloading agreements based on initial target of 50% of waste lorries backloaded, increasing over the Plan period. Routeing arrangements and HCV signage in place for mineral and waste management traffic to principally use the Primary Roads (as defined in the adopted Cambridgeshire Local Transport Plan).	Block Fen / Langwood Fen Master Plan Legal Agreements	CCC Minerals and Waste Industry	Ongoing throughout the Plan period and beyond	Monitoring of planning decisions (including S106 agreements)

Implementation and Monitoring of the Waste Strategy

- 6.14** The strategy for waste is based on ensuring a distribution of sites within the Plan area, broadly based in a pattern which reflects the main source of waste arisings, to provide the capacity required to meet the needs of the Plan area together within any necessary imports. The dispersed and variable nature of waste and the wide variety of sources makes the collection of reliable data more difficult for waste than for minerals planning.
- 6.15** The Plan is based on the best data available collected from a variety of sources, however to prepare the Plan a number of assumptions are required in order to forecast likely future requirements. Where possible site specific allocations will be identified which together with existing waste management capacity will meet the anticipated needs. The detailed site selection process will examine the potential constraints relating to each site and identify sites where it is reasonable to assume future waste management uses would be allowed.
- 6.16** In addition to site specific allocations a number of areas of search will be identified. These relate to areas where it is considered that there is either potential to accommodate waste management uses or where it is considered new waste management uses should be provided as part of major new area of development. In both cases it will not be possible to identify a specific site owing either to existing constraints, or any waste management use would need to be developed in association with other development. In the case of major new areas of development, the identification of possible sites can only take place in the context of the overall development e.g. Through master planning, that in many cases has yet to be carried out. The Council consider that waste management facilities should be developed in association with major new areas of development and will seek to work with landowners, developers and local planning authorities to ensure suitable waste management facilities are incorporated into the overall layout to at the very least accommodate the additional waste arisings which will result from the new development.
- 6.17** The site allocations, including areas of search, will be identified on the basis that they will be available to manage a range of waste management uses to accommodate the bulk of waste arisings across the plan area. It is acknowledged that in a number of cases the future requirements for waste management are not clear and that given the nature of waste management, it is not possible to make site allocations for all types of waste facility. It is also anticipated that over the Plan period there will be changes in legislation which will have a direct impact on waste management. The implications of these changes are not always apparent. Criteria based policies have therefore also been developed to assess proposals for waste management uses not on allocated sites and to allow for an element of flexibility to accommodate likely changes over the plan period. The criteria based policies also allow for consideration of proposals as alternatives to the site specific allocations in the event these prove not to be available. Appropriate development control policies have been developed to ensure the delivery of the objectives by setting out the criteria to assess applications.
- 6.18** The strategy is reliant on the assumption that the existing permitted sites and allocated sites remain available for waste management uses. In order to achieve this provision is made for waste consultation and waste water treatment works safeguarding areas around sites to prevent development being permitted that might prejudice future working. Delivery of this part of the strategy will require close working with the local planning authorities to protect these areas and allow future mineral extraction to take place.
- 6.19** For the most part the objectives will be delivered by the Waste Planning Authorities through the development control process. However, there are also key roles for example in delivering waste minimisation where other bodies such as national Government, the Environment Agency and the local planning authorities have a key role.

- 6.20** Monitoring the Plan is primarily for the Waste Planning Authorities to carry out. However, there is a key role for the Environment Agency, the waste disposal authorities, the waste industry and Anglian Water to assist in the collection of relevant waste arising and capacity data to assist in this process.
- 6.21** Set out in the table below are the objectives of the waste strategy together with the mechanisms for delivery. In a number of cases, it is not possible to set a specific target, however it is possible to measure the effectiveness of the policy to see how far it is influencing waste development.

Objective	Policy	Indicator	Implementation Mechanism	Delivered by	When	How monitored
To ensure suitable provision is made through site specific allocations for sustainable waste facilities to manage the waste of Cambridgeshire and Peterborough over the plan period, and for the disposal of the apportioned waste residues from London	CS12 CS14 CS15 CS16 CS19 CS20 CS21 CS29	Ensure that there is adequate capacity to accommodate waste expect to be managed in the Plan area	Site specific allocations decisions Development control decisions	CCC & PCC Environment Agency	Ongoing throughout the plan period	Annual survey of waste management facilities, review of data collected by the Environment Agency for Licensed Waste management sites
To develop a network of waste management facilities which will be located having regard to climate change, and key factors including the location and amount of waste arising, minimisation of movement of waste	CS2 CS15 CS16 CS17 CS20 CS21	Ensure that there is adequate capacity to accommodate waste expect to be managed in the Plan area	Site specific allocations decisions Development control decisions	CCC & PCC	Ongoing throughout the plan period	Annual survey of waste management facilities Annual monitoring of development control decisions
To contribute to ensuring regional self-sufficiency in the management of waste, and to seek self-sufficiency within the Plan area where practical and	CS2 CS15 CS18 CS19	Ensure that there is adequate capacity to accommodate	Site specific allocations	CCC & PCC	Ongoing throughout the plan period	Annual survey of waste management facilities

Objective	Policy	Indicator	Implementation Mechanism	Delivered by	When	How monitored
in accordance with the proximate management of waste	CS20 CS29	waste expect to be managed in the Plan area				
To ensure that all major new developments undertake sustainable waste management practices which will include the provision of temporary waste management facilities which will be in place throughout the construction of the development	CS7 CS2 CS18 CS28	Ensuring at least 18% of aggregate needs are met from recycled and secondary aggregate sources.	Site specific allocations in minerals and waste LDF. Appropriate polices in district LDFs	CCC & PCC Local planning authorities	Ongoing throughout the plan period	Monitoring of Waste Audits on construction sites Annual survey of waste management facilities
To use construction and demolition waste in the creation of strategic new habitat to complement the internationally important Ouse Washes	CS2 CS20	Creation of 480 hectares of lowland wet grassland through inert waste disposal at a rate of 0.5m m3 per annum	Site specific allocations and Block Fen / Langwood Fen Master Plan	CCC	Inert waste disposal from 2011 onwards. Progressive habitat creation following mineral extraction and inert fill	Annual monitoring of development control decisions Production of secondary/recycled aggregates from annual minerals survey
To identify planning policy criteria by which to assess waste development proposals, ensure effective planning control and the appropriate locations and distribution of waste management facilities	CS18 CS19	Development of criteria based policies	Policies drafted in appropriate DPDs Development control decisions	CCC & PCC	Adoption of the LDF	Criteria Policies adopted in Plan

Objective	Policy	Indicator	Implementation Mechanism	Delivered by	When	How monitored
To encourage waste management practices which do not incur unacceptable adverse impact on the local and global environment or endanger human health in Cambridgeshire and Peterborough	CS22 CS40 CS41 CS43 CS44 CS46	No planning permission granted that would cause harm to local and global environment or endanger human health	Development of appropriate policies Development control decisions	CCC & PCC	Ongoing throughout the plan period	Annual monitoring of development control decisions
To encourage waste management practices which minimise, counter (through off-set arrangements), or eliminate contributions to climate change, including the minimisation of green house gases	CS22 CS24 CS34	No net increase in carbon emissions arising as a result of the development of new waste management facilities	Development of appropriate policies Development control decisions	CCC & PCC Environment Agency	Ongoing throughout the plan period	Annual monitoring of development control decisions
To ensure that waste management sites are resilient to the impacts of climate change at the local level	CS22 CS24	All proposals accommodating the potential of impacts of climate change in the design	Development of appropriate policies Development control decisions	CCC & PCC	Ongoing throughout the plan period	Annual monitoring of development control decisions

Objective	Policy	Indicator	Implementation Mechanism	Delivered by	When	How monitored
To ensure high quality in terms of design and operation of waste management facilities in Cambridgeshire and Peterborough which will involve the preparation of Supplementary Planning Documents	CS24 CS28	All applications meeting the requirements of the Supplementary Planning Design Guidance	Development control decisions Supplementary Planning Design Guidance	CCC & PCC	Ongoing throughout the plan period	Annual monitoring of development control decisions
To encourage sustainable transport of waste by alternative means e.g. rail and water	CS23 CS32	No specific target set, measured to assess impact of the plan policies	Development control decisions	CCC & PCC, Network Rail, Environment Agency, Inland Waterways	Ongoing throughout the plan period	Annual monitoring of development control decisions
To protect the ground and surface water resources of Cambridgeshire and Peterborough	CS17 CS24 CS34 CS39 CS46	No ground and surface water resources adversely affected by waste management	Development control decisions	PCC & CCC Environment Agency	Ongoing throughout the plan period	Annual monitoring of development control decisions
To safeguard and enhance the distinct landscapes of Cambridgeshire and	CS24 CS33 CS34	No specific target set, measured to assess impact of the plan policies	Development control decisions	PCC & CCC	Ongoing throughout the plan period	Annual monitoring of development control decisions

Objective	Policy	Indicator	Implementation Mechanism	Delivered by	When	How monitored
Peterborough including the wet fens, river valleys, chalk and limestone uplands	CS45					
To protect and enhance the biodiversity and historic environment, including designated sites, of Cambridgeshire and Peterborough	CS24 CS34 CS35 CS36 CS39	No designated sites (SSSI, SAC, SPA, Ramsar, County Wildlife Sites, conservation area SAM) adversely affected by waste management development No protected species adversely affected by waste management development	Development control decisions	PCC & CCC	Ongoing throughout the plan period	Annual monitoring of development control decisions
To safeguard the residential amenity of new and existing communities in Cambridgeshire and Peterborough	CS24 CS32 CS34 CS37 CS41	No adverse impact on residential impact as a result of waste related development	Development control decisions	PCC & CCC	Ongoing throughout the plan period	Number of complaints about the adverse impacts from waste management related developments granted planning permission since the adoption of the Plan

Objective	Policy	Indicator	Implementation Mechanism	Delivered by	When	How monitored
To allow scope for new technology and innovation in waste management in the Plan area e.g. exemplar projects in handling and processing of waste	CS15	No specific target set, measured to assess impact of the plan policies	Development control decisions	PCC & CCC	Ongoing throughout the plan period	Annual monitoring of development control decisions
To determine waste planning applications in the light of the principles for sustainable waste management i.e. sustainability, regional self-sufficiency, proximate management of waste, and the waste hierarchy	CS2 CS14 CS16 CS18 CS19 CS20 CS28 CS29 CS45	All planning applications to be determined in accordance with the waste hierarchy	Development control decisions	PCC & CCC	Ongoing throughout the plan period	Annual monitoring of development control decisions
To ensure the sustainable use of soils in Cambridgeshire and Peterborough	CS38	No specific target set, measured to assess impact of the plan policies	Development control decisions in liaison with appropriate with Natural England and the Government Office (Defra)	CCC & PCC	Ongoing throughout the plan period	Annual monitoring

Objective	Policy	Indicator	Implementation Mechanism	Delivered by	When	How monitored
To safeguard waste management sites from incompatible development that may prejudice the waste use, through the designation of Waste Consultation Areas	CS30	Number of planning decisions that affect waste consultation areas Number of planning decisions that are permitted in waste safeguarded areas	Mapping safeguarded and waste consultation areas	PCC & CCC Local Planning Authorities	Ongoing throughout Plan period	Monitoring of planning decisions made by local planning authorities
Earith / Mepal (Block Fen / Langwood Fen) Area - to establish at least 3 long term construction waste recycling facilities capable of recycling up to 50%, increasing to 70%, of construction waste by 2026	CS5 CS7	Number and performance of construction waste facilities	Block Fen / Langwood Fen Master Plan Allocations in the Site Specific Proposals Plan	CCC Minerals / Waste Industry	Ongoing throughout the Plan period	Annual monitoring of development control decision Annual waste survey
Earith / Mepal (Block Fen / Langwood Fen) Area - to ensure there is no adverse impact on the Ouse Washes through landfill and restoration,	CS5 CS20 CS27	No detriment impact to Ouse Washes	Block Fen / Langwood Fen Master Plan Requirement for an ecological management	CCC Minerals and Waste Industry	Ongoing throughout the Plan period and beyond	Reporting on an annual basis in line with an agreed ecological management plan

Objective	Policy	Indicator	Implementation Mechanism	Delivered by	When	How monitored
through well planned and designed and controlled working and restoration			plan including an annual monitoring regime as part of any planning permission granted in vicinity of the Ouse Washes			
Earith / Mepal (Block Fen / Langwood Fen) Area - to secure through the creation of lowland wet grassland and the disposal of inert waste the 'sealing' of the southern boundary of the Forty Foot, enabling restoration of navigation	CS5 CS27	Sealing of the Southern boundary of the Forty foot	Block Fen / Langwood Fen Master Plan	CCC Minerals and Waste Industry	Ongoing throughout the Plan period and beyond	Monitoring of planning decisions Annual site monitoring

Objective	Policy	Indicator	Implementation Mechanism	Delivered by	When	How monitored
Earith / Mepal (Block Fen / Langwood Fen) Area - to address the traffic management in the area i.e. movements associated with use of the land for waste management and recreation	CS5 CS32	Access taken off existing roundabout junction off the A142 at Block Fen. Improvements to Block Fen Drive secured. Routing arrangements and HCV signage in place for mineral and waste management traffic to principally use the Primary Roads (as defined in the adopted Cambridgeshire Local Transport Plan).	Block Fen / Langwood Fen Master Plan	CCC Minerals and Waste Industry	Ongoing throughout the Plan period and beyond	Monitoring of planning decisions (including S106 agreements)

Table 13 Objectives Of the Waste Strategy Together With The Mechanisms For Delivery

7 Minerals Site Profiles

LEGEND

Allocations and Consultation Areas



Site Allocation



Existing Mineral Site



Existing Waste Site



Mineral Consultation Area



Waste Consultation Area

Mineral Safeguarding Areas



Brickclay Safeguarding Areas



Chalk Safeguarding Areas



Limestone Safeguarding Areas



Sand & Gravel Safeguarding Areas

Additional Features



European Designations (Special Protection Areas, Special Areas of Conservation & Ramsars)



National Designations (Sites of Special Scientific Interest)



Local Designations (County & City Wildlife Sites & Local Nature Reserves)



Rights of Way



Major Roads



Area Beyond Plan Boundary



Scheduled Ancient Monuments

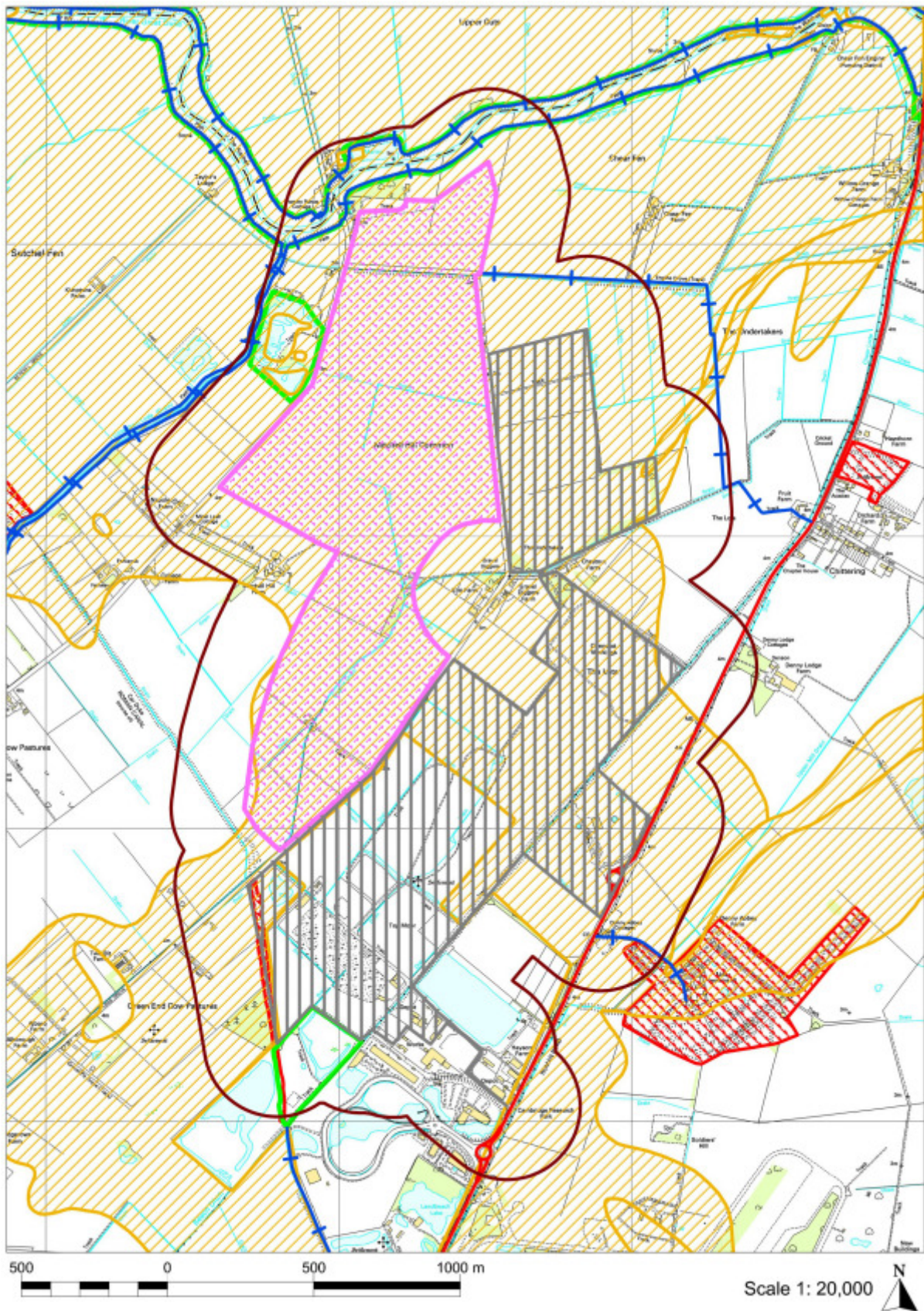
7.1 Sand and Gravel Site Profiles

Sand and Gravel Allocations

SSP M1	Site Name	Core Strategy Area	Map Ref
A	Cottenham	Central / Southern	1
B	Needingworth	Central / Southern	2
C	Wimblington	Central / Southern	3
D	Kings Delph, Whittlesey	Northern	4
E	Maxey	Northern	5
F	Pode Hole, Thorney	Northern	6

Site Profiles and maps for all of the above sites follow.

7.1.1 SSP M1A - Cottenham (SSP M9G)



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Summary

Site Name	Cottenham
Description of Proposed Use	Mineral Extraction: Sand and Gravel
Estimated Reserve	Approximately 4.1 million tonnes
Area	114.3 (ha)
Approximate Timescale	Extraction expected to commence around 2014 and last throughout the plan period
District	South Cambridgeshire
Parish	Cottenham
Grid Ref	TL 481 701

Site Characteristics

- Site comprises good quality agricultural land (Grade 2)
- Constraints of floodrisk, groundwater protection, impact upon the Great Ouse River Corridor and other wildlife habitats and archaeology exist
- Sensitive receptors close to the site i.e. adjacent residents

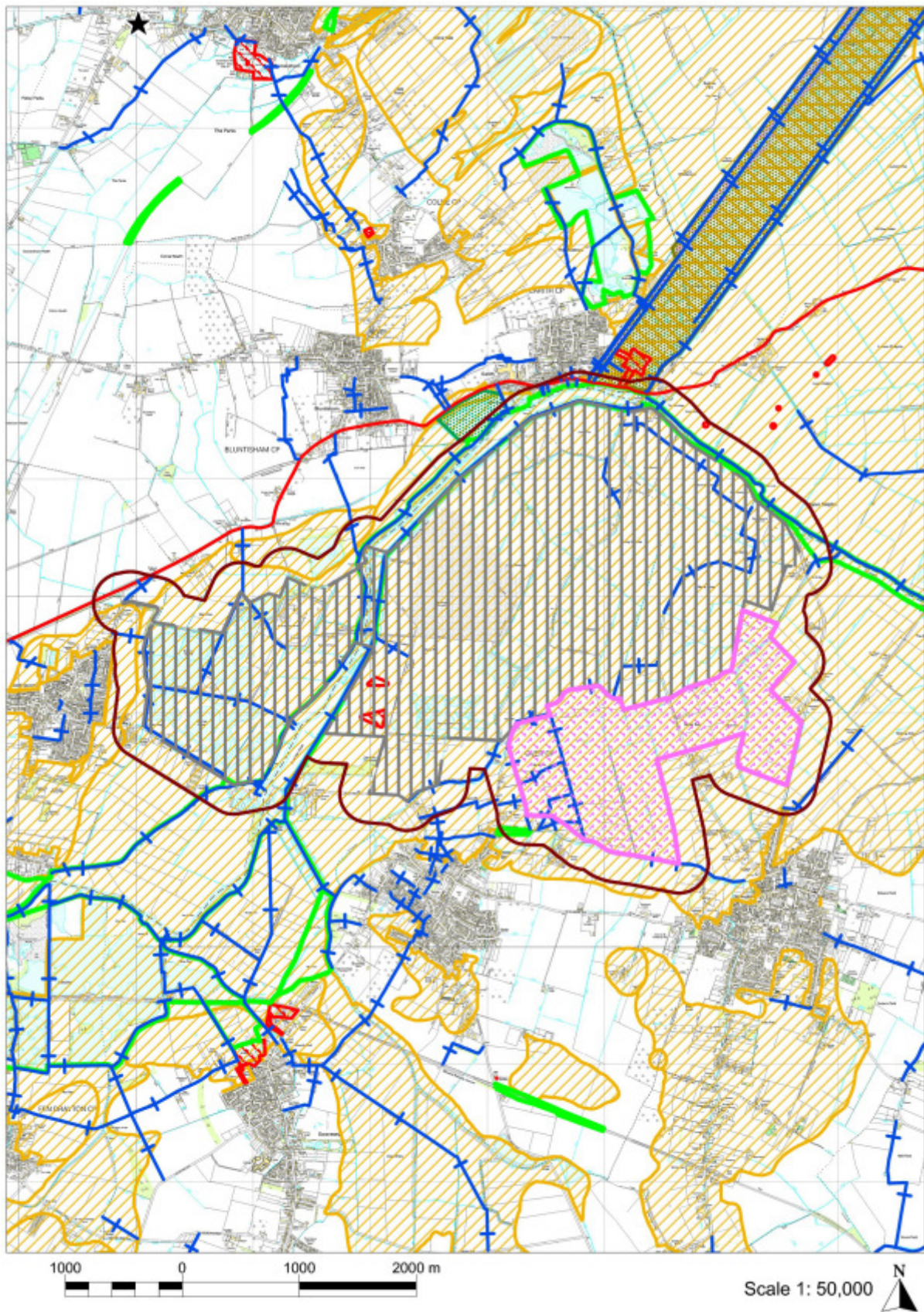
Implementation Issues

7.1 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

7.2 However, the following will need to be addressed within a planning application:

- Site would be worked through existing sand and gravel quarry at Cottenham / Landbeach
- Access should be via A10 only via private haul road or conveyor
- Noise and dust will require mitigation
- Potential for overall restoration scheme to contribute to agricultural restoration following infilling, in the southern sector of the site. The northern area has potential for biodiversity afteruse enhancing the Great Ouse River Corridor with public access.
- Potential for public access to restored land
- Landscape mitigation will be required
- Archaeology will require mitigation
- Bird strike issues to be taken into account in design of afteruse.
- Stand offs required for residential properties and B1049

7.1.2 SSP M1B - Needingworth (SSP M9R)



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Summary

Site Name	Needingworth
Description of Proposed Use	Mineral Extraction: Sand and Gravel
Estimated Reserve	Approximately 3 million tonnes
Area	240.5 (ha)
Approximate Timescale	Extraction expected to commence in 2010 and last for approximately 3 years.
District	South Cambridgeshire
Parish	Over and Willingham
Grid Ref	TL 396 718

Site Characteristics

- This is an extension to existing quarry to avoid potential sterilisation of reserves.
- Restoration could contribute to Biodiversity Action Plan wetland objectives by extending existing approved restoration scheme on neighbouring quarry.
- This is an archaeologically sensitive site.
- Site is proximate to outlying residential dwellings associated with Over and Willingham.

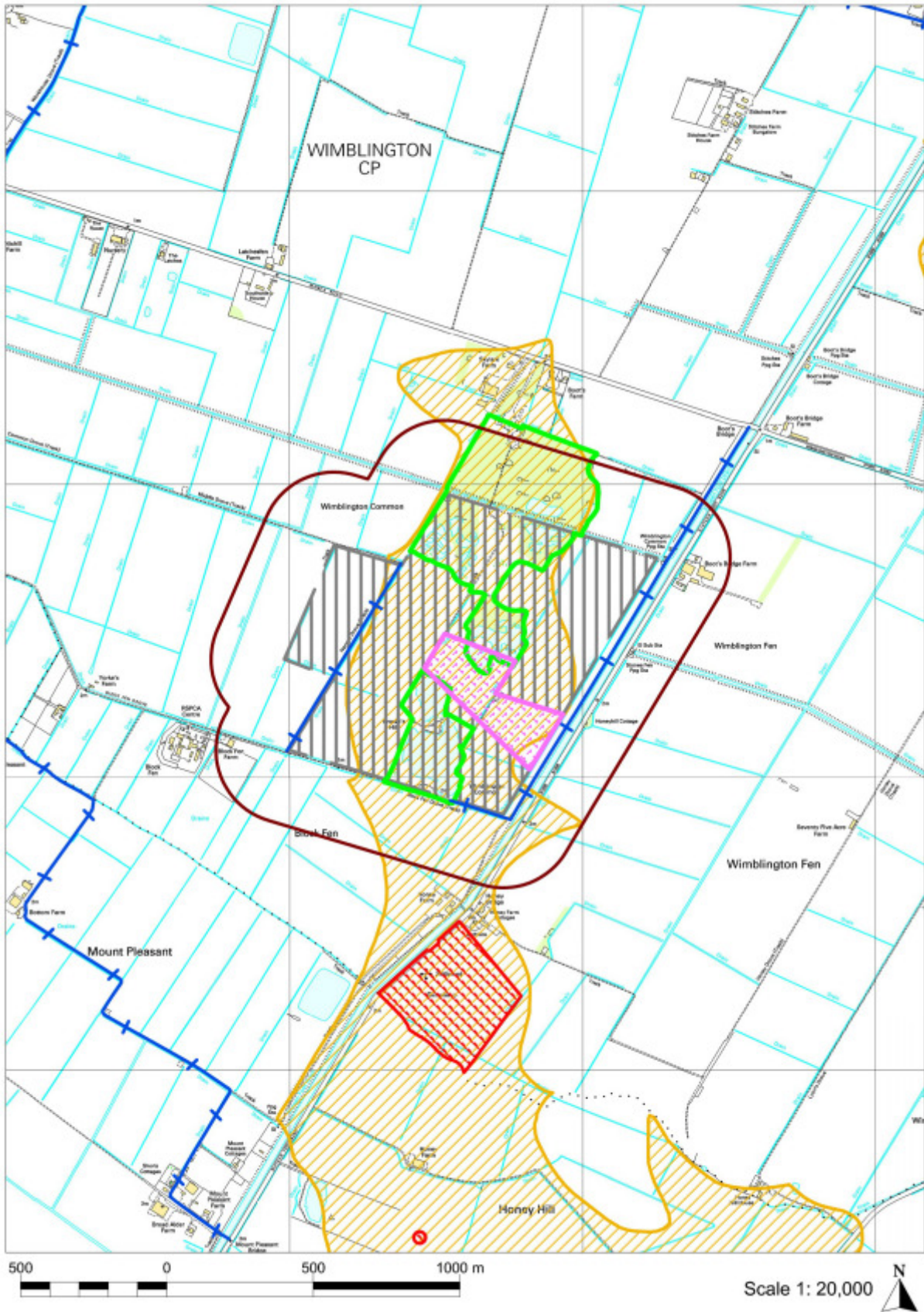
Implementation Issues

7.3 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

7.4 However, the following will need to be addressed within a planning application:

- Incorporate into phasing and existing restoration plans for the quarry
- Noise and dust mitigation required
- New landscaping will be required
- No vehicular access to Over, Willingham Road for gravel lorries
- Protect any future alignment for Willingham Bypass.
- Rights of Way matters including potential diversion compensation for existing Rights of Way which may be adversely affected, potential for enhancement of public areas.
- Stand offs required from outlying residential dwellings and mitigation addressing amenity issues

7.1.3 SSP M1C - Wimblington (SSP M9AJ)



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Summary

Site Name	Wimblington
Description of Proposed Use	Mineral Extraction: Sand and Gravel
Estimated Reserve	Approximately 0.5 million tonnes
Area	8.6 ha
Approximate Timescale	Extraction expected to commence around 2016 and last for approximately 3 years
District	Fenland
Parish	Wimblington
Grid Ref	TL 436 904

Site Characteristics

- This site is within a wider area with permission for sand and gravel extraction which is currently dormant.
- The site does not have processing plant, although partial extraction has already taken place.
- This would be an extension to an existing sand and gravel quarry.
- Concern about the impact on a local highway junction.
- Archaeological sensitive site

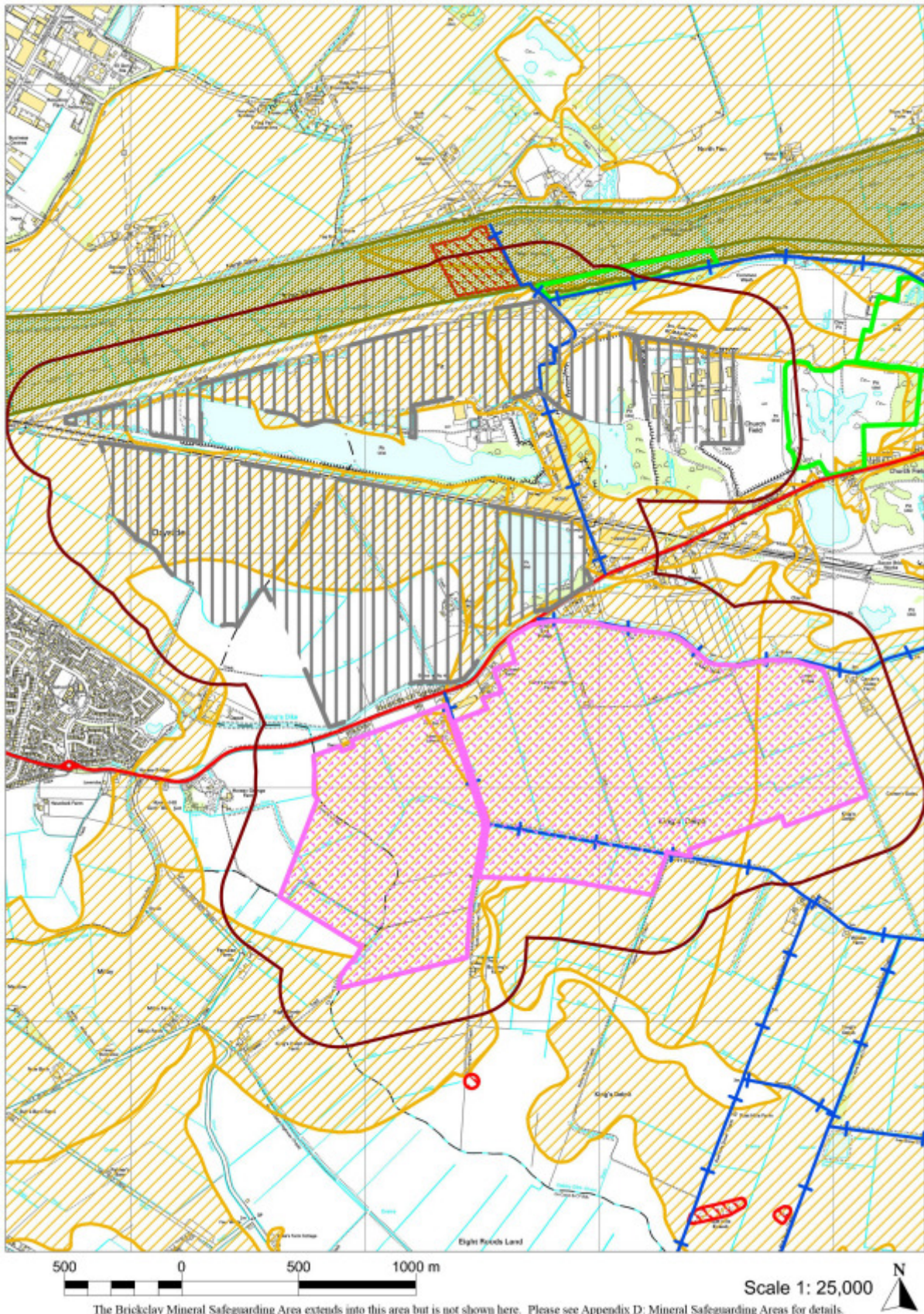
Implementation Issues

7.5 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

7.6 However, the following will need to be addressed within a planning application:

- Noise and Dust mitigation will be required
- Overall masterplan for site restoration required with sustainable end uses
- Ecological evaluation and mitigation
- Potential effects, including hydrological impacts, on nature conservation sites
- Local highway / traffic issues
- Has the potential to provide additional biodiversity or water storage following extraction which would contribute to the Middle Level Commissioners water storage problem.

7.1.4 SSP M1D - Kings Delph, Whittlesey (SSP M5A; SSP M9L)



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Summary

Site Name	Kings Delph Whittlesey
Description of Proposed Use	Mineral Extraction: Sand and Gravel and Brickclay
Estimated Reserve :	Approximately 4 million tonnes, sand and gravel; approximately 10 million tonnes, brickclay
Area	210 ha
Approximate Timescale	For clay 2032 see below
District	Fenland and Peterborough
Parish	Whittlesey
Locational Details	East of Peterborough situated between the A605 and King's Dyke drain
Grid Ref	TL 236 960

Site Characteristics

- Site straddles the Cambridgeshire and Peterborough boundary
- Site lies to the south of the A605, south west of Whittlesey
- Site is located close to Kings Dyke and Saxon brickworks at Whittlesey
- High grade agricultural land (predominantly Grade 2)
- The Nene Washes (SSSI, Ramsar site, SPA and a cSAC are situated to the north

Timescale:

7.7 Extraction expected to commence following the completion of extraction at Must Farm. There are potentially sufficient reserves within Must Farm to supply brick clay at a rate of 500,000 cu.m. per annum to the Kings Dyke and Saxon brickworks for the next 20 years. If all the permitted reserves are worked at Must Farm, then Kings Delph will not need to be brought forward until after the end of the plan period (2026). In order to ensure continuity of clay supplies, extraction of sand and gravel would need to commence approximately two years before clay extraction i.e. around 2030. However, a rail freight transport opportunity has recently been identified in the Peterborough Core Strategy Preferred Options. Should this proposal be developed it has the potential to sterilise a significant proportion of the permitted mineral reserves at Must Farm. Although this transport proposal is at a very early stage and may not take place, the Mineral Planning Authorities consider it expedient to allocate Kings Delph to ensure adequate reserves are identified to maintain clay production to supply brickworks. It is possible Kings Delph might need to come forward as early as 2018.

Implementation Issues

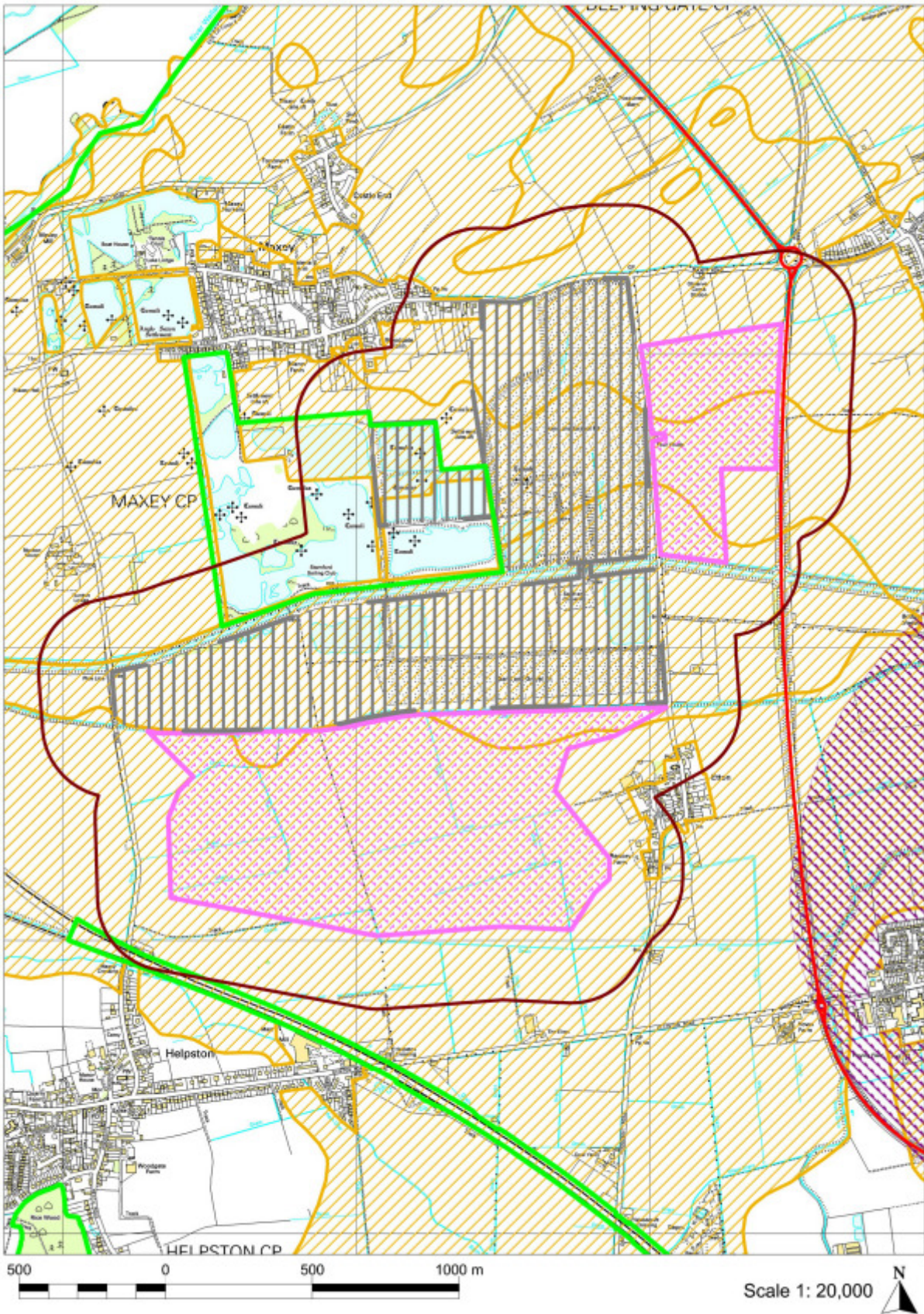
7.8 It is anticipated that mineral extraction would progress to this site as available Must Farm reserves are exhausted.

7.9 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process. An Environmental Statement will be required to be submitted as part of a planning application.

7.10 The following matters will need to be addressed in a planning application:

- Stand offs, screening and other appropriate mitigation will required especially for the northern boundary of the site so that residential amenity issues are addressed
- Impact on Nene Washes is a key consideration
- Site is located within areas of flood risk. A Flood Risk Assessment will be required.
- Archaeological investigation and recording is required as site is likely to contain significant remains
- Mitigation measures required for the Right of Way running through the site
- Any restoration scheme should include biodiversity gains and public access should be maximised as part of a wider restoration / afteruse strategy for the brickworks complex
- Minerals to be transported to the brickworks by conveyor to minimise impact on A605. No mineral traffic should be directed on to the B1040 or B1095

7.1.5 SSP M1E - Maxey (SSP M9P)



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Summary

Site Name	Maxey
Description of Proposed Use	Mineral Extraction: Sand and Gravel
Estimated Reserve	Approximately 5.2 million tonnes
Area	124.9 ha
Approximate Timescale	Extraction expected to commence in 2010 and last for approximately 15 years
District	Peterborough
Parish	Maxey
Grid Ref	TF 131 065

Site Characteristics

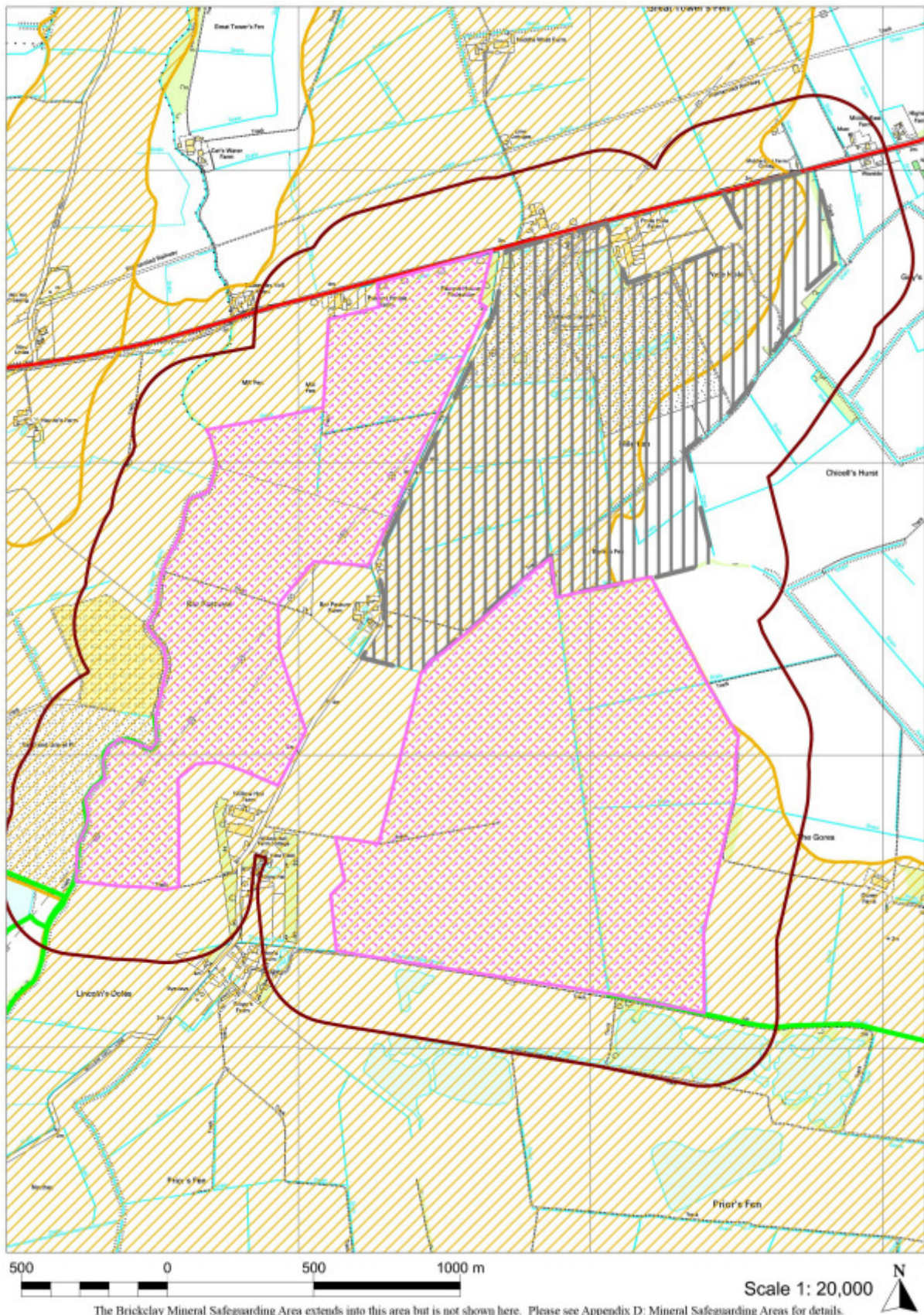
- Land to south and east of existing quarry form logical extensions to Maxey Quarry
- One site lies to the south of the existing quarry and the South Drain. The village of Etton lies to the east and Helpston village lies to the south west
- One site is to the east of Etton Road and that part of the existing quarry that has already been worked and restored. The Maxey Cut forms the southern boundary and the A15 forms the eastern boundary.
- Both sites will be accessed off Maxey Road utilising the existing access
- Current Use: Agricultural land in arable use (grade 2 and 3)

Implementation Issues

- 7.11** Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.
- 7.12** However, the following are particular issues that will need to be addressed in a planning application for this site:
- Stand offs and screening of the views of extraction and related operations to Etton village (historic and built environment), a nearby County Wildlife Site (Bainton Pits), the railway and outlying housing along Helpston Road by advance planting and the placement of temporary soil bunds
 - Archaeological investigation required as site contains a high density of remains of national and regional significance
 - The site boundary shown on the Map above is the maximum extent of the southern allocation. The area permitted for extraction may be less due to the extent and significance of archaeology at the site and the need to retain areas of known high archaeological quality. However, the boundary will enable screen planting to take place and allow for the placement of temporary bunding.
 - The boundary of the proposed Maxey East extension takes account of significant archaeology at the site. Whilst the area of greatest significance has been excluded a site investigation will be required and this may result in others areas within the site being excluded if they are shown to be of high archaeological quality.
 - Assessment required of potential impact on Bainton Pits

- Hydrological assessment required as the site is situated close to two minor aquifers and there is a source protection zone 2
- The same site entrance and plant site is required to be used
- Traffic to continue to be directed from site entrance away from Maxey village towards A15
- Use of conveyors where appropriate particularly to service the area to the east
- The site will be restored for agriculture, wildlife conservation and amenity
- Reclamation options are constrained by the proximity to RAF Wittering Safeguarding (bird strike) but opportunity should be taken to improve wildlife diversity of the site in any scheme.
- The southern extension to the quarry should be phased from east to west to ensure that area nearest to Etton is worked and restored at the earliest opportunity.
- There may be an opportunity for infilling to original ground levels using inert waste materials on the land to the east provided that acceptable access can be found to this area for the deposition of the waste materials and that it does not prevent the land being restored in a phased and timely manner.
- The opportunity should be taken to undertake advance screening of both residential property and the A15 from the extraction operations in the eastern area

7.1.6 SSP M1F - Pode Hole and Eye/Thorney (SSP M9X)



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Summary

Site Name	Eye / Thorney and Pote Hole
Description of Proposed Use	Mineral Extraction: Sand and Gravel
Estimated Reserve (Bar Pasture West):	Approximately 5 million tonnes
Area	250.1 ha
Approximate Timescale	to continue after existing quarry currently permitted to 2015
District	Peterborough
Locational Details	Land to the west of Willow Hall Lane and south of existing quarry
Grid Ref	TF 255 025

Site Characteristics

- Rural area with isolated dwellings
- Situated midway between Eye and Thorney villages
- High grade agricultural land (95% grade 3 and 5% grade 2)
- Logical extensions to existing quarry
- Can utilise existing site access and office. Also potential for concrete making plant to be retained
- 26 dwellings within 400m of site
- Situated above two minor aquifers
- Screen planting, bunding and phasing of working can mitigate landscape impacts and views into site

Implementation Issues

7.13 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

7.14 However, the following are particular issues that will need to be addressed within a planning application for this site:

- Need to phase working of site to minimise impact on the surrounding area, to maintain traffic flows at a consistent level on the A47 and to maintain production of aggregates over the Plan period.
- Traffic Assessment will be required.
- Archaeological assessment required and there may be a need to exclude areas within the site from the extraction area if they are considered to have particular significance
- Scheduled ancient monuments have been excluded from the allocation but there is still a need to maintain buffers around these sites
- A protective buffer of 50m. is required from the edge of a Scheduled Ancient Monument and it is necessary to demonstrate that dewatering of the monument will not take place
- An Environmental Impact Assessment is likely to be required to address , as a minimum, archaeology, landscape and visual impact, hydrology and nature conservation impacts.
- Access should be via the A47 utilising the existing access.
- No access to or from Willow Hall Lane permitted

- It may be beneficial to retain the existing plant site. The use of an alternative site will need to be justified particularly in terms of visual impact and operational requirements.
- Wherever possible conveyors should be used for the transportation of mineral from the western and southern extensions of the quarry to the plant site.
- Hydrological assessment required
- A Flood Risk Assessment will be required as the site lies partially within Flood Zones 2 and 3 and should demonstrate how flood risk will be managed. Also betterment will be expected to be provided in terms of the local flood risk situation in the restoration of the site.
- Advance planting to screen workings and bunding required along the A47 and to screen views from property particularly along the A47 and in Willow Hall Lane
- Reclamation to agriculture with wildlife conservation and biodiversity benefits. As reclamation is likely to be undertaken without any infilling of waste there may be lakes and ponds created. These should be considered for a range of uses.
- Provision should be made within the restoration scheme for the southern extension to Pode Hole Quarry for a haul road and/or line for a conveyor to the Priors Fen site to the south so that the access on to the A47 could be utilised in the extraction of this site. This would facilitate the extraction of Priors Fen to the south should it be identified as an allocation in the future.
- Green Grid Strategy identifies the need to improve the walking and cycling network to the east of the city centre. Opportunity should be taken through the extension of this quarry to improve the network of footpaths/cycleways within or within the vicinity of the quarry.
- In respect to the area to the west of Willow Hall Lane the opportunity should be taken to incorporate the footpath Thorney no. 6 which runs in an east/west direction at the southern end of that area into the Green Grid on a permanent basis. This may need to be achieved through a Section 106 agreement.
- Opportunity should be taken within the restoration scheme to provide nature conservation benefits on the eastern side of Cats Water Drain. This would be similar to that already provided on the western side of the Drain as part of the restoration proposals for the landfill (southern extension) at Eyebury Quarry
- The trees along Willow Hall Road should be protected during quarry operations and retained as part of any restoration proposals for the site. It may be appropriate to enhance the planting in places either as advance planting or as part of the reclamation scheme.

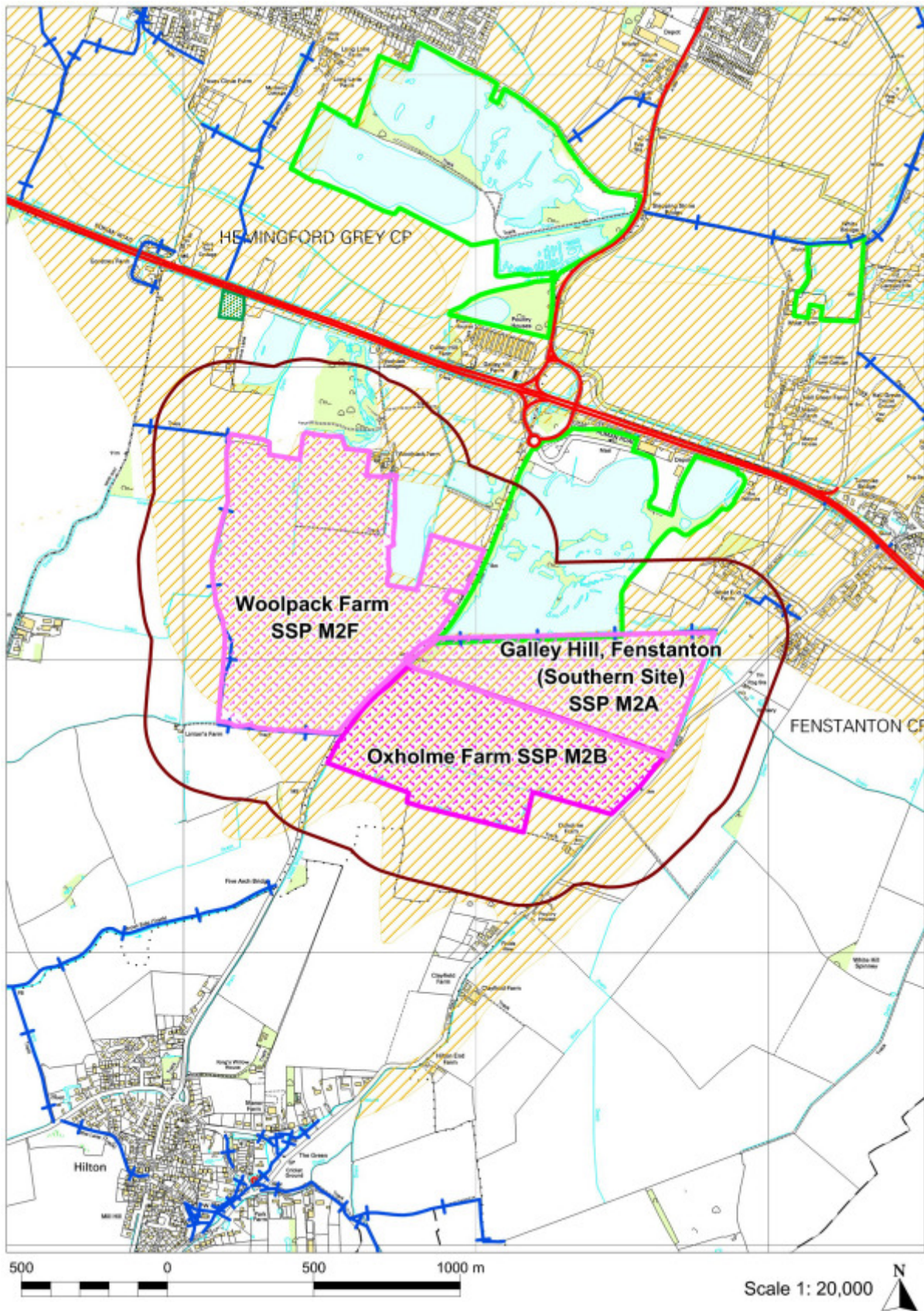
7.2 Sand and Gravel Borrow Pits Site Profiles

Sand and Gravel Borrow Pit Allocations

Ref	Site Name	Road scheme	Proposals Map Inset No
A	Galley Hill, Fenstanton (Southern Site)	A14 Ellington to Fen Ditton, Cambridgeshire	7
B	Oxholme Farm	A14 Ellington to Fen Ditton, Cambridgeshire	8
C	South West Brampton	A14 Ellington to Fen Ditton, Cambridgeshire	9
D	West of Brampton	A14 Ellington to Fen Ditton, Cambridgeshire	10
E	Weybridge Farm, Alconbury	A14 Ellington to Fen Ditton, Cambridgeshire	11
F	Woolpack Farm	A14 Ellington to Fen Ditton, Cambridgeshire	12

Site Profiles and maps for all of the above sites follow.

7.2.1 SSP M2A - Galley Hill Fenstanton (Southern Site) (SSP M9J)



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Summary

Site Name	Galley Hill, Fenstanton Southern site
Description of Proposed Use	Mineral Extraction: Sand and Gravel Borrow Pit for the A14 upgrade
Estimated Reserve :	Approximately 0.1 million tonnes
Area	25.8 (ha)
Approximate Timescale	Extraction to be linked to the A14 upgrade works
District	Huntingdonshire
Parish	Fenstanton and Hemingford Grey
Grid Ref	TL 298 681

Site Characteristics

- Adjacent to a County Wildlife Site
- Archaeologically sensitive site
- Access constraints, particularly at the roundabout junction with the A14 / A1196 – capacity and safety, especially at peak times
- Situated within Flood Risk Zone 3
- Close to sensitive receptors

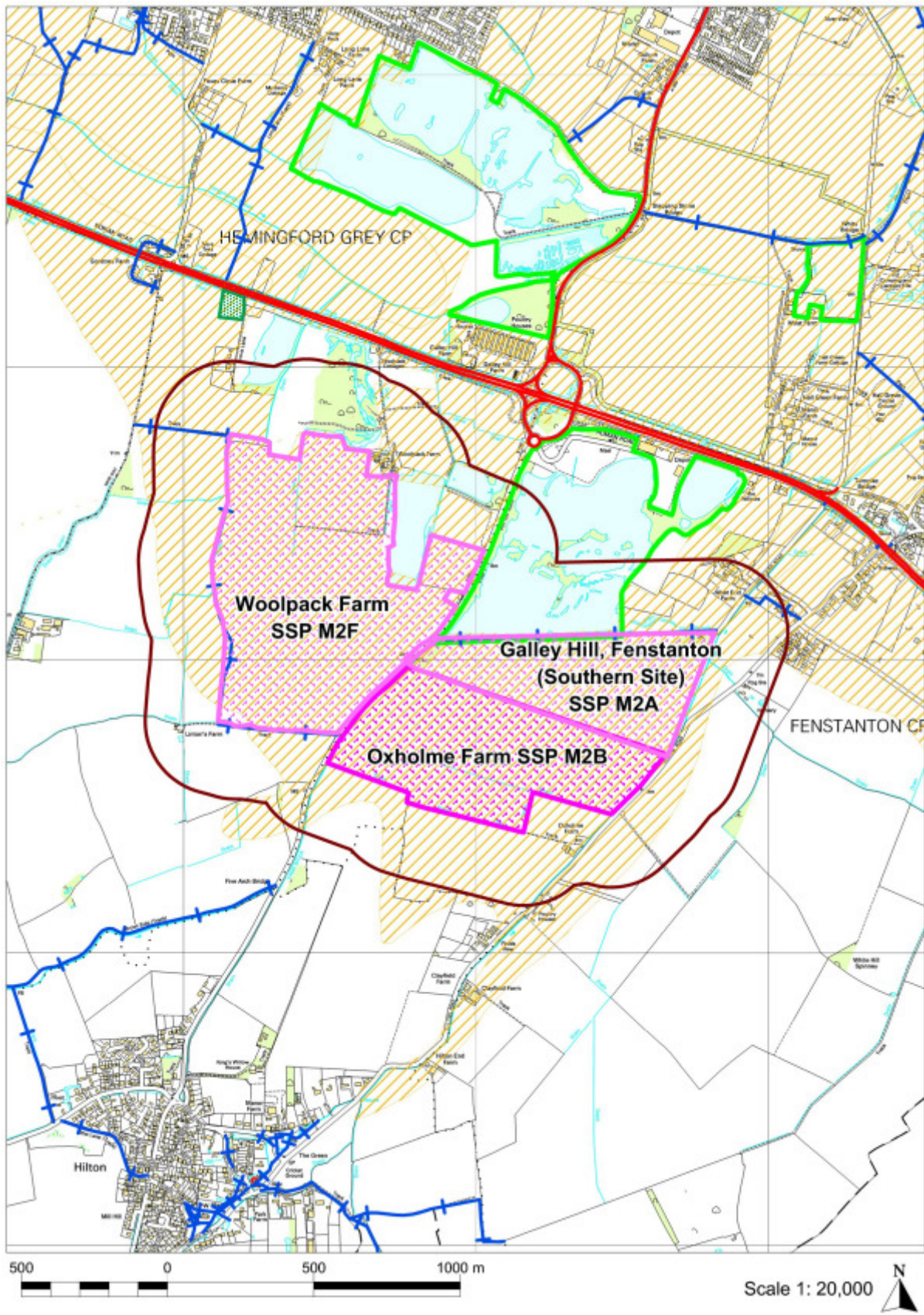
Implementation Issues

7.15 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

7.16 However, the following will need to be addressed within a planning application:

- Suitable as borrowpit for A14 upgrade only
- Access to roadworks
- Hydrogeological evaluation and mitigation of impacts on County Wildlife Site
- Opportunity through restoration to contribute to biodiversity objectives through management
- Noise and dust will require mitigation
- Landscape mitigation will be required

7.2.2 SSP M2B Oxholme Farm (SSP M9W)



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Summary

Site Name	Oxholme Farm
Description of Proposed Use	Sand and gravel borrowpit for A14 upgrade.
Estimated Reserve	To be confirmed
Area	61.3 (ha)
Approximate Timescale	Extraction to be linked to the A14 upgrade
District	Huntingdonshire
Parish	Fenstanton
Grid Ref	TL 300 676

Site Characteristics

- The site lies adjacent to the A14 upgrade scheme to the north.
- The site is located within the statutory bird strike safeguarding zone surrounding RAF Wyton.
- The site is located within 1Km of Hemingford Grey Meadow SSSI, adjacent to Fenstanton Pits (West End Pits) CWS, within 1Km of Marsh Lane Gravel Pits and within 2Km of Low Road Meadows (West).
- Agricultural lands area is identified as mostly Grade 2.
- The site is situated within an area of archaeological potential.
- Within airfield safeguarding zone for RAF Wyton

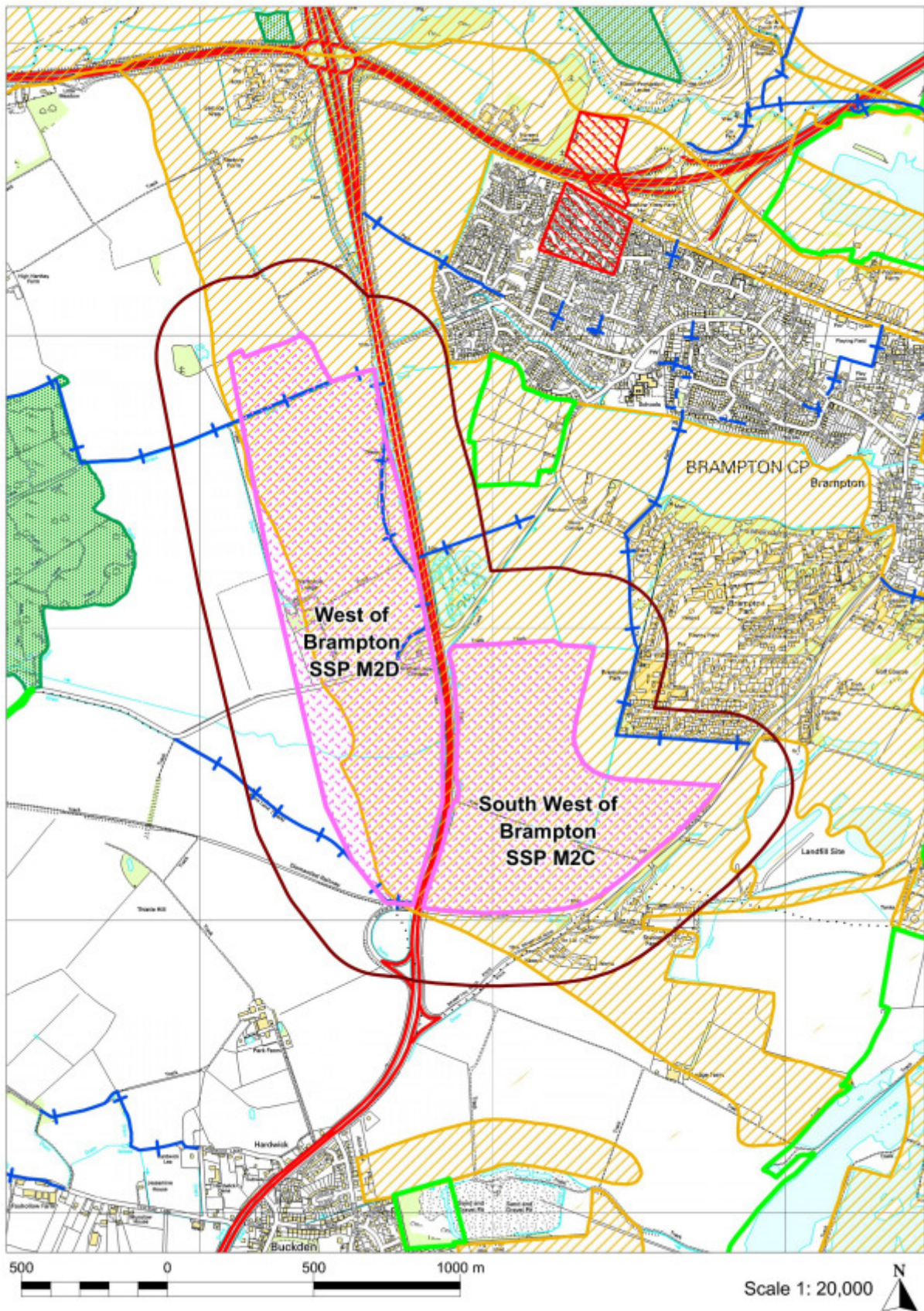
Implementation Issues

7.17 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

7.18 However, the following will need to be addressed within a planning application:

- Suitable for A14 upgrade only.
- Route of A14 upgrade (including slip roads) to be safeguarded against extraction.
- Protected species issues. Updated surveys required.
- Local conservation interests through dewatering or changes to hydrology would need further assessment through hydrological assessment and be addressed at application stage.
- Restoration to a water and informal amenity based after use would be appropriate, with potential to provide increased flood storage capacity.
- Design of any water body should mitigate against potential for bird strike.
- Planning applications should consider archaeological issues.
- Ancillary uses should only relate to the A14 works and be limited to the life of the borrow pit.

7.2.3 SSP M2C - South West Brampton (SSP M9AC)



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Summary

Site Name	South West Brampton
Description of Proposed Use	Mineral Extraction: Sand and Gravel Borrow Pit for the A14 upgrade only.
Estimated Reserve :	Approximately 2 million tonnes
Area	53.3 (ha)
Approximate Timescale	Extraction to be linked to the A14 upgrade works
District	Huntingdonshire
Parish	Brampton
Grid Ref	TL 202 694

Site Characteristics

- Site is on the line of the A14 improvements
- RAF Brampton adjoins the northeast side of the site
- Sensitive receptors close to the site
- Within Flood Zone 3
- Close proximity to Grade II listed buildings and archaeological remains
- Grade 2 agricultural land

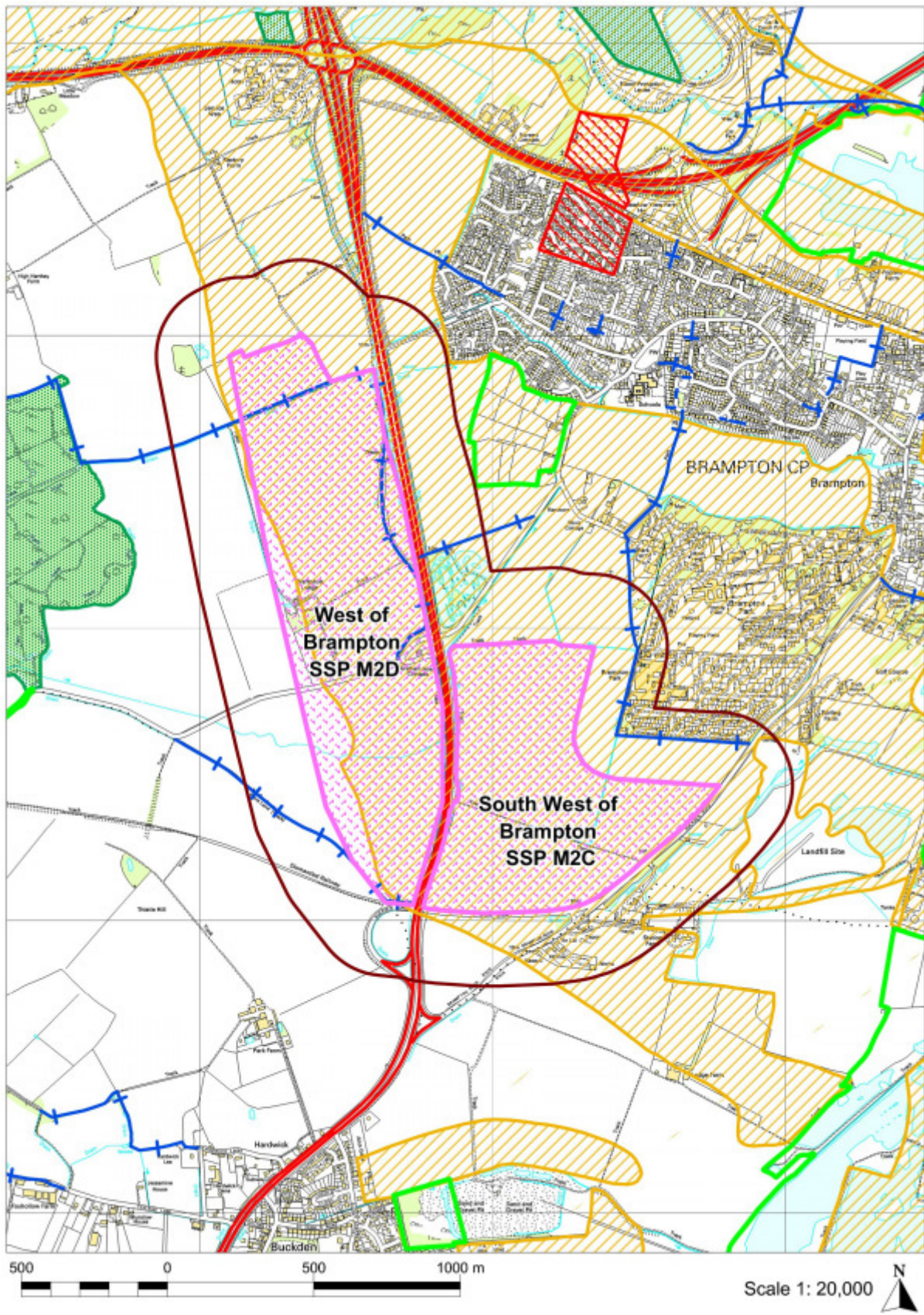
Implementation Issues

7.19 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

7.20 However, the following will need to be addressed within a planning application:

- Suitable as borrowpit for A14 upgrade only.
- Access to roadworks
- Minimising impact on residential amenity through landscape mitigation
- Noise and dust will require mitigation
- Safeguard stability of existing highway infrastructure
- Potential for restoration to contribute to biodiversity objectives through management
- Opportunity to improve public access to restored site
- Rights of Way matters including potential diversion compensation for existing Rights of Way which may be adversely affected
- Route of A14 (including slip roads) to be safeguarded from mineral extraction.
- Archaeological issues.

7.2.4 SSP M2D - West of Brampton (SSP M9AH)



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Summary

Site Name	West of Brampton
Description of Proposed Use	Mineral Extraction: Sand and Gravel potential Borrow Pit for the A14 upgrade only
Estimated Reserve :	Approximately 1 million tonnes
Area	82.04 ha
Approximate Timescale	Extraction to be linked to the A14 upgrade works
District	Huntingdonshire
Parish	Brampton
Grid Ref	TL194 699

Site Characteristics

- Located within Flood Risk Zone 3
- Multiple public rights of way cross the site
- Sensitive receptor close to the site
- Archaeological concerns
- Site is close to the Brampton Wood SSSI
- Greenfield site
- Grade 2 agricultural land

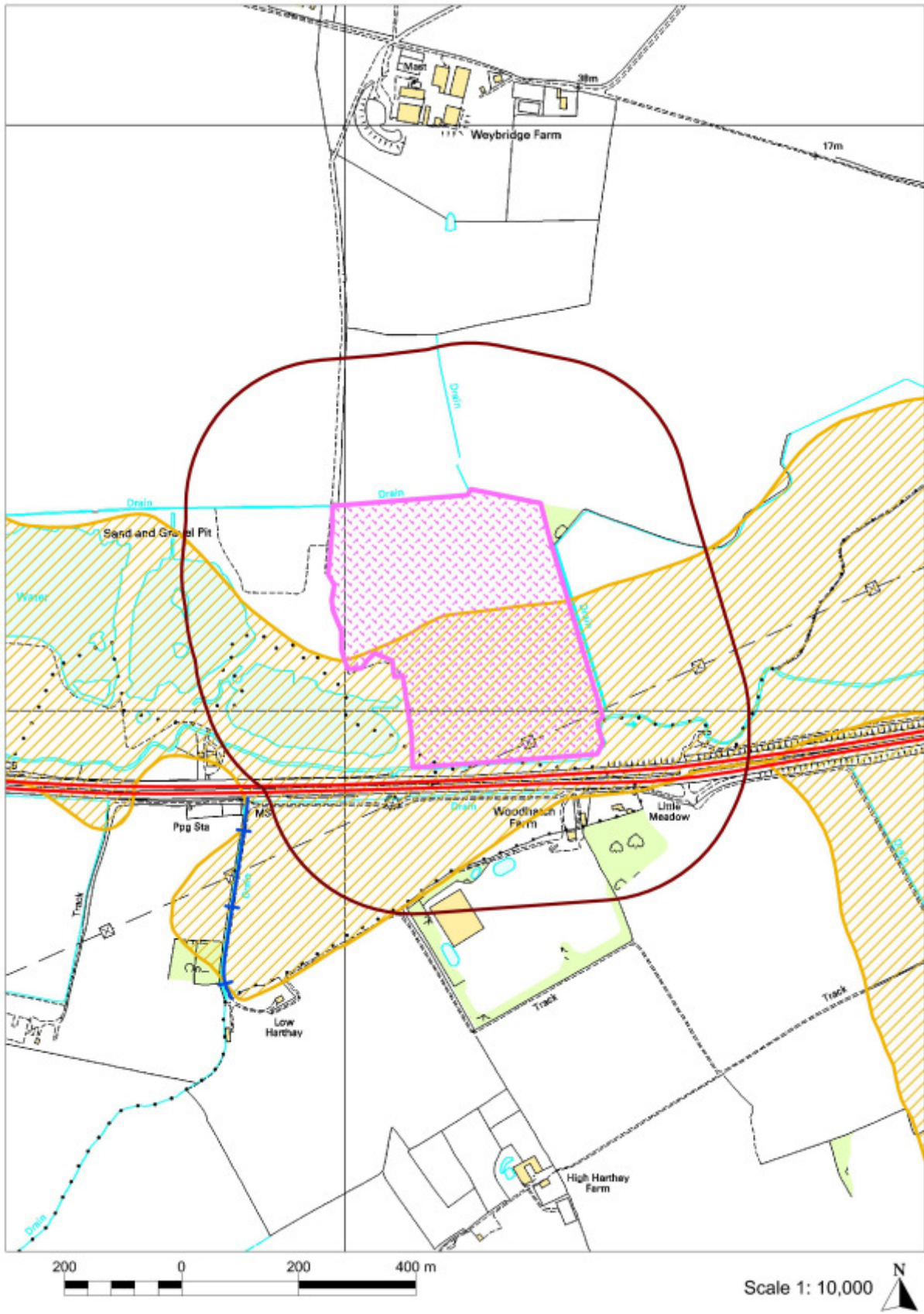
Implementation Issues

7.21 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

7.22 However, the following will need to be addressed within a planning application:

- Suitable for borrowpit for A14 upgrade only.
- Noise and dust will require mitigation
- Restoration scheme that will complement biodiversity objectives through management
- Hydrogeological impact on road formation and Brampton Wood SSSI
- Safeguard retained highway infrastructure
- Mitigation for sensitive receptors including residential properties
- Mitigation / compensation routes for existing Rights of Way
- Mitigation for residential amenity
- A14 route (including slip roads) to be safeguarded from mineral extraction.

7.2.5 SSP M2E - Weybridge Farm, Alconbury (SSP M9AI)



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Summary

Site Name	Weybridge Farm, Alconbury
Description of Proposed Use	Minerals Extraction: Sand and Gravel Borrowpit for A14 upgrade only
Estimated Reserve :	Approximately 0.2 million tonnes
Area	16.3 (ha)
Approximate Timescale	Extraction to be linked to the A14 upgrade works
District	Huntingdonshire
Parish	Alconbury
Grid Ref	TL 182 721

Site Characteristics

- Former borrow pit site for previous A14/A1 improvements
- Close to listed buildings
- Sensitive receptors close to the site
- Flood Zones 2 and 3 within the site
- Situated above a minor aquifer
- High archaeological potential

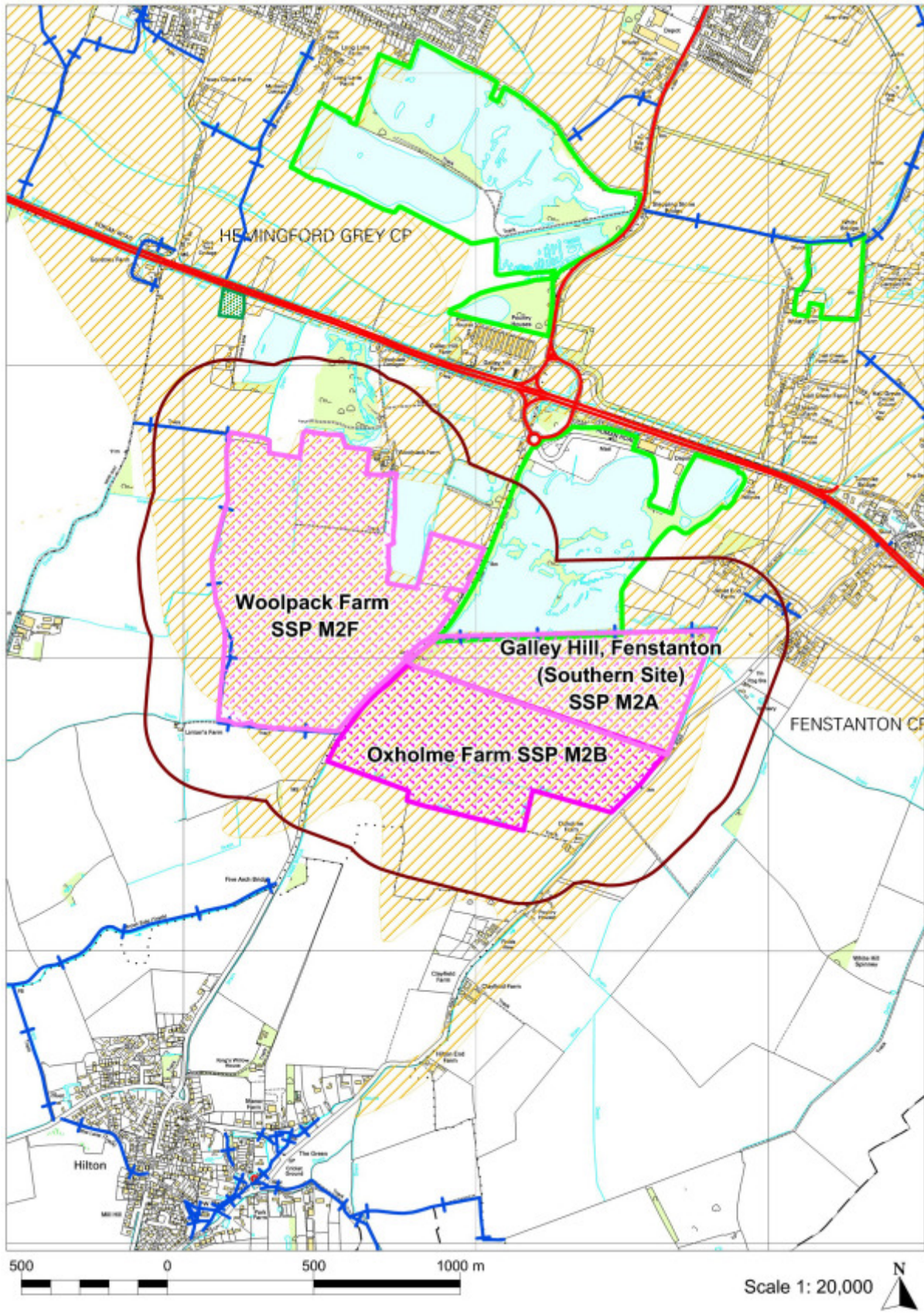
Implementation Issues

7.23 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

7.24 However, the following will need to be addressed within a planning application:

- Suitable as a borrowpit for the A14 upgrade only
- Access onto roadworks site
- Contribution restoration scheme could make to attenuating flood risk
- Noise and dust will require mitigation
- Potential for restoration to contribute to biodiversity objectives through management
- Safeguard archaeological interest
- Safeguard stability of retained highway infrastructure
- Restoration will need to take into account bird strike issues
- Electricity pylon on site

7.2.6 SSP M2F - Woolpack Farm, Galley Hill (SSP M9AK)



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Summary

Site Name	Woolpack Farm, Galley Hill
Description of Proposed Use	Sand and gravel borrowpit for A14 upgrade
Estimated Reserve	To be confirmed
Area	62.7 ha
Approximate Timescale	Extraction to be linked to the A14 upgrade
District	Huntingdonshire
Parish	Hemingford Grey
Grid Ref	TL 295 682

Site Characteristics

- The site has an existing access point onto the public highway (B1040) that is suitable for HGV traffic.
- The site lies to the south of the existing A14 route junction 26.
- The site is located within close proximity to a number of residential properties - Woolpack Farm and the southern most properties on Grove Land
- The site is located within close proximity to local wildlife designations - within 1Km of Hemingford Grey Meadow SSSI, adjacent to Fenstanton Pits (West End Pits) Country Wildlife Site, within 1Km of Marsh Lane Gravel Pits and within 2Km of Low Road Meadows (West).
- Agricultural land identified as mostly Grade 2.
- Flood zone 3

Implementation Issues

7.25 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

7.26 However, the following will need to be addressed within a planning application:

- Suitable for borrowpit for A14 upgrade only.
- Mitigation to address e.g. visual impact additional screening, particularly on the southern and western perimeters of the Woolpack Farm site
- Investigations by hydrologists to required assessing impact on specified protected species and nature conservation sites nearby i.e. potential dewatering.
- Controls over HGV movement and access.
- Planning applications should consider Archaeological issues.
- Restoration proposals should consider birdstrike issues.
- Afteruse and management of this site should be considered in conjunction with Galley Hill southern.
- Potential afteruse includes water storage/amenity afteruse with enhanced public access (country park).
- No importation of waste other than that arising from the A14 upgrade scheme.
- Vehicular access should be taken off B road (former quarry/landfill access).

7.3 Limestone Site Profiles

Limestone

7.27 There are no specific allocations made for limestone extraction.

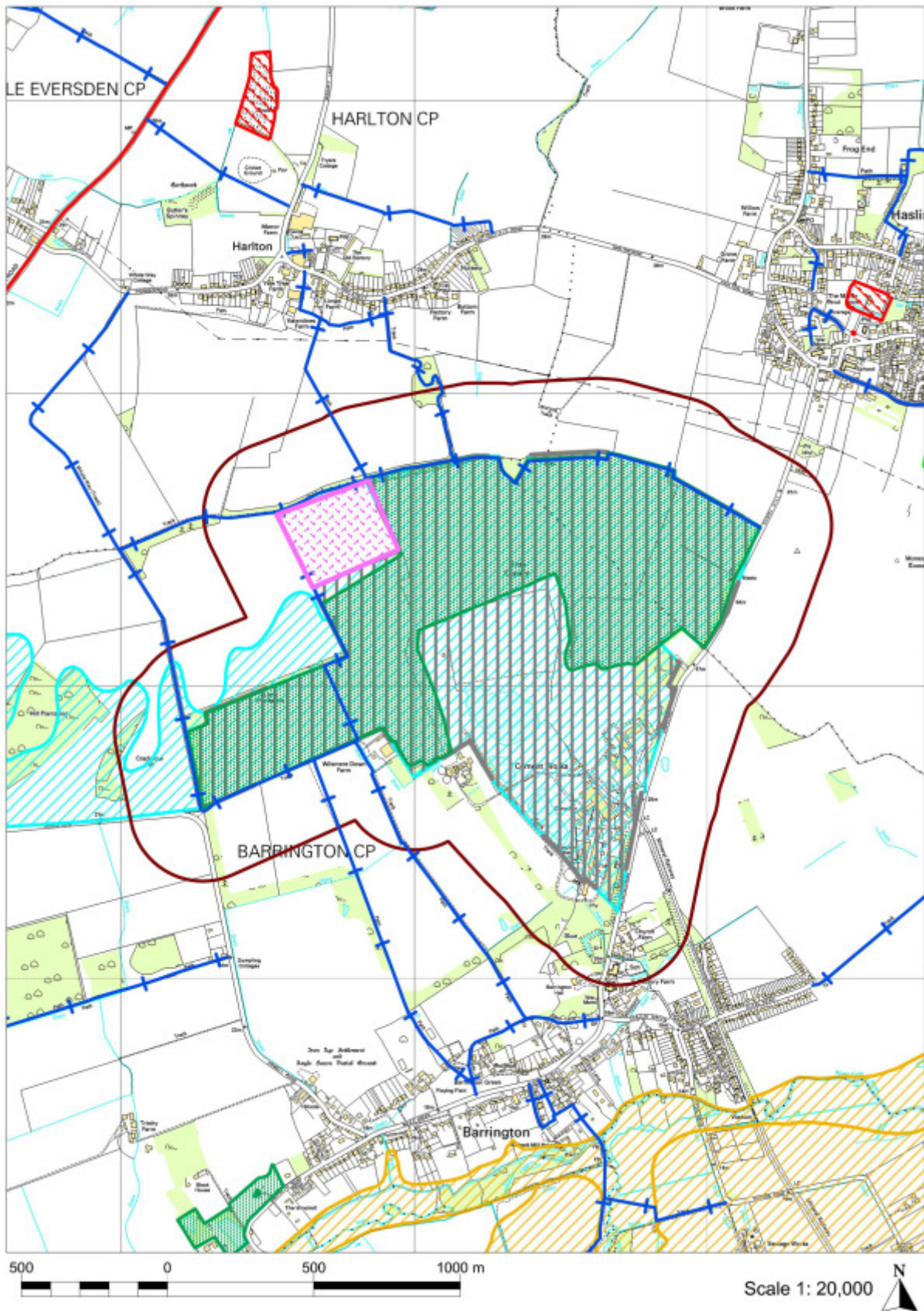
7.4 Chalk Site Profiles

Chalk Marl Allocation

SSP M4	Site Name	Map Ref
A	Barrington Quarry, Barrington	13

7.28 The site profile follows.

7.4.1 SSP M4A - Barrington (SSP M9B)



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Summary

Site Name	Barrington Quarry
Description of Proposed Use	Mineral Extraction: Chalk Marl
Estimated Reserve :	TBC
Area	8.7 (ha)
Approximate Timescale	Extraction likely to continue for approximately 50 years
District	South Cambridgeshire
Parish	Barrington
Grid Ref	TL 387 515

Site Characteristics

- Adjacent to site that already has permission for extraction of Chalk Marl
- Geological SSSI on site
- Rights of way, sensitive receptors and traffic need to be considered for this site
- Close to the Cambridge Green Belt and nearby conservation areas
- Situated above a major aquifer

Implementation Issues

7.29 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

7.30 However, the following will need to be addressed within a planning application:

- Noise and dust mitigation
- New landscaping
- Restoration to a stable final landform with sustainable afteruses
- Mitigation for public Rights of Way.
- Potential impacts on the Eversden and Wimpole Woods SAC
- Protection / Enhancement for geological SSSI

7.5 Brick Clay Site Profiles

Brickclay Allocation

SSP M5	Site Name	Map Ref
A	Kings Delph, Whittlesey	4

- 7.31** The allocated site for brick clay extraction, Kings Delph, Whittlesey is also an allocation for sand and gravel extraction.
- 7.32** The map and site profile for this allocation is therefore shown earlier in this section under reference SSP M1D in Section 7.1.4.

7.6 Engineering Clay Site Profiles

Engineering Clay

7.33 No allocations are being made for engineering clay. See the next Section for Engineering clay borrowpits.

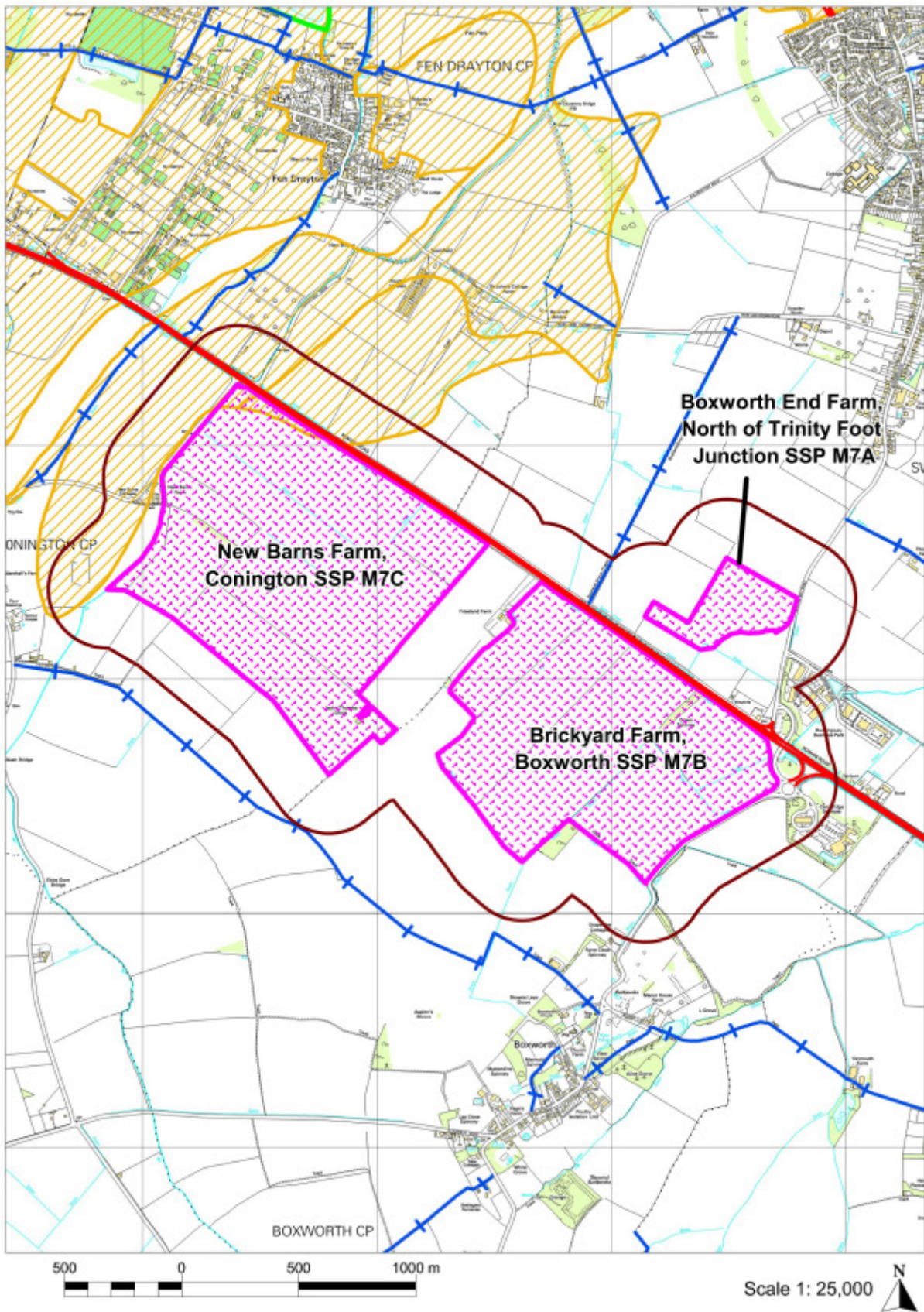
7.7 Engineering Clay Borrow Pits Site Profiles

Engineering Clay Borrowpit Allocations

Ref	Site Name	Road scheme	Proposals Map Inset No
A	Boxworth End Farm, North of Trinity Foot Junction	A14 Ellington to Fen Ditton, Cambridgeshire	15
B	Brickyard Farm, Boxworth	A14 Ellington to Fen Ditton, Cambridgeshire	16
C	New Barns Farm, Conington	A14 Ellington to Fen Ditton, Cambridgeshire	17
D	North Bar Hill, Noon Folly Farm	A14 Ellington to Fen Ditton, Cambridgeshire	18
E	North Dry Drayton Junction, Slate Hall Farm	A14 Ellington to Fen Ditton, Cambridgeshire	19
F	North Junction 14, Grange Farm	A14 Ellington to Fen Ditton, Cambridgeshire	20
G	South Junction 14,	A14 Ellington to Fen Ditton, Cambridgeshire	21
H	South of Trinity Foot Junction - East	A14 Ellington to Fen Ditton, Cambridgeshire	22
I	South of Trinity Foot Junction - West	A14 Ellington to Fen Ditton, Cambridgeshire	23

7.34 The site profiles and maps follow.

7.7.1 SSP M7A Boxworth End Farm, North of Trinity Foot Jnct (SSP M9C)



Map Inset No: 15 © Crown copyright. All rights reserved 100023205 (2009).

Summary

Site Name	Boxworth End Farm, Trinity Foot Junction
Description of Proposed Use	Clay and general fill for A14
Estimated Reserve	117,500 m ³
Area	11.9 (ha)
Approximate Timescale	Jan 2012 - Jan 2015
District	South Cambridgeshire
Parish	Swavesey (adjacent to parishes Boxworth & Conington)
Grid Ref	TL 354 663

Site Characteristics

- The site is located north west of the Trinity Foot Junction of the A14 route.
- This is an area of pasture and less intensively farmed arable land with surviving remnants of medieval ridge and furrow field systems within the area of the proposed site.
- There is one Grade II listed milepost within 1km to the west.
- Grade 3 agricultural land

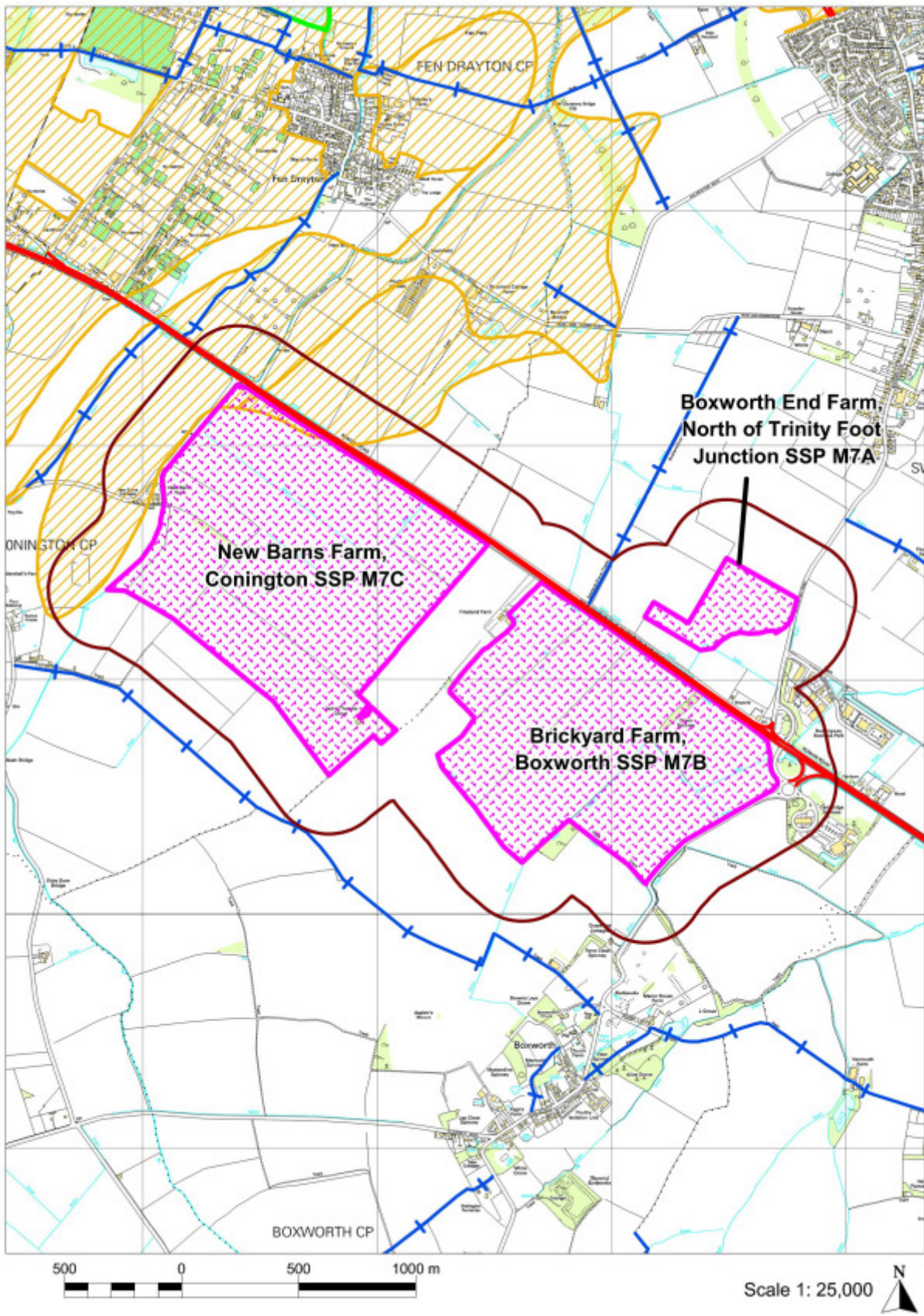
Implementation Issues

7.35 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

7.36 However, the following will need to be addressed within a planning application:

- Suitable as a borrowpit for A14 upgrade only.
- Route of the A14 upgrade (including slip roads) should be safeguarded against mineral extraction.
- Ecological and environmental impacts, including ecological surveys for protected species.
- Hydrological assessment may be required.
- The site should be restored to agriculture after use.
- Archaeological issues should be considered at planning application stage.

7.7.2 SSP M7B Brickyard Farm, Boxworth (SSP M9D)



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Summary

Site Name	Brickyard Farm, Boxworth
Description of Proposed Use	Clay – general fill for borrowpit for A14 upgrade
Estimated Reserve	75,000 m ³
Area	104.6 (ha)
Approximate Timescale	Jan 2012 – Jan 2015
District	South Cambridgeshire
Parish	Boxworth (Conington (S), Swavesey, fen Drayton & Lolworth are adjacent parishes)
Grid Ref	TL 349 657

Site Characteristics

- The site is located along the route of the A14, south west of junction 28. The site fronts two roads, A14 & a minor road.
- The site is situated within an area of low archaeological potential.
- Intensively farmed arable land.
- Grade 3 agricultural land

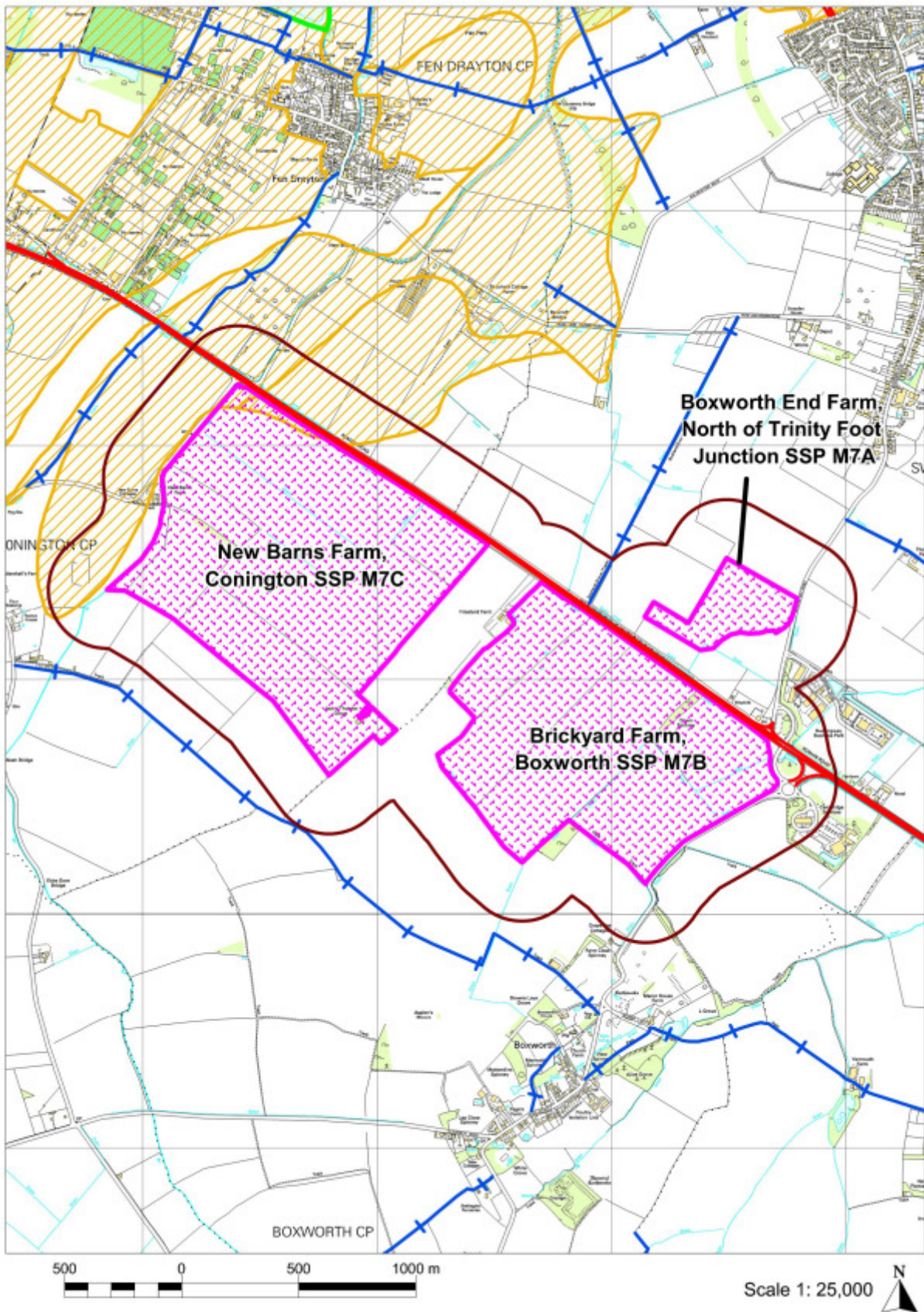
Implementation Issues

7.37 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

7.38 However, the following will need to be addressed within a planning application:

- Suitable as a borrowpit for A14 upgrade only.
- The route of the A14 (including slip roads) should be safeguarded against mineral extraction.
- The site should be restored to agriculture after use.
- Archaeological issues should be considered at planning application stage.
- Ecological and environmental issues need to be surveyed addressed, may include protected species and hydrological surveys.

7.7.3 SSP M7C New Barns Farm, Conington (SSP M9S)



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Summary

Site Name	New Barns Farm, Conington
Description of Proposed Use	Clay – general borrowpit for A14 upgrade
Estimated Reserve	50,000 m ³
Area	129.9 (ha)
Approximate Timescale	Aug 2012 – Aug 2014
District	South Cambridgeshire
Parish	Conington (S) (adjacent to Boxworth, Swavesey & Fen Drayton parishes)
Grid Ref	TL 336 664

Site Characteristics

- The site is located south of the existing A14 route (Huntington Road)- the site has frontage on to one other minor route (High Street).
- The site is situated within an area of low archaeological potential.
- Area of intensively farmed arable land
- Grade 3 agricultural land

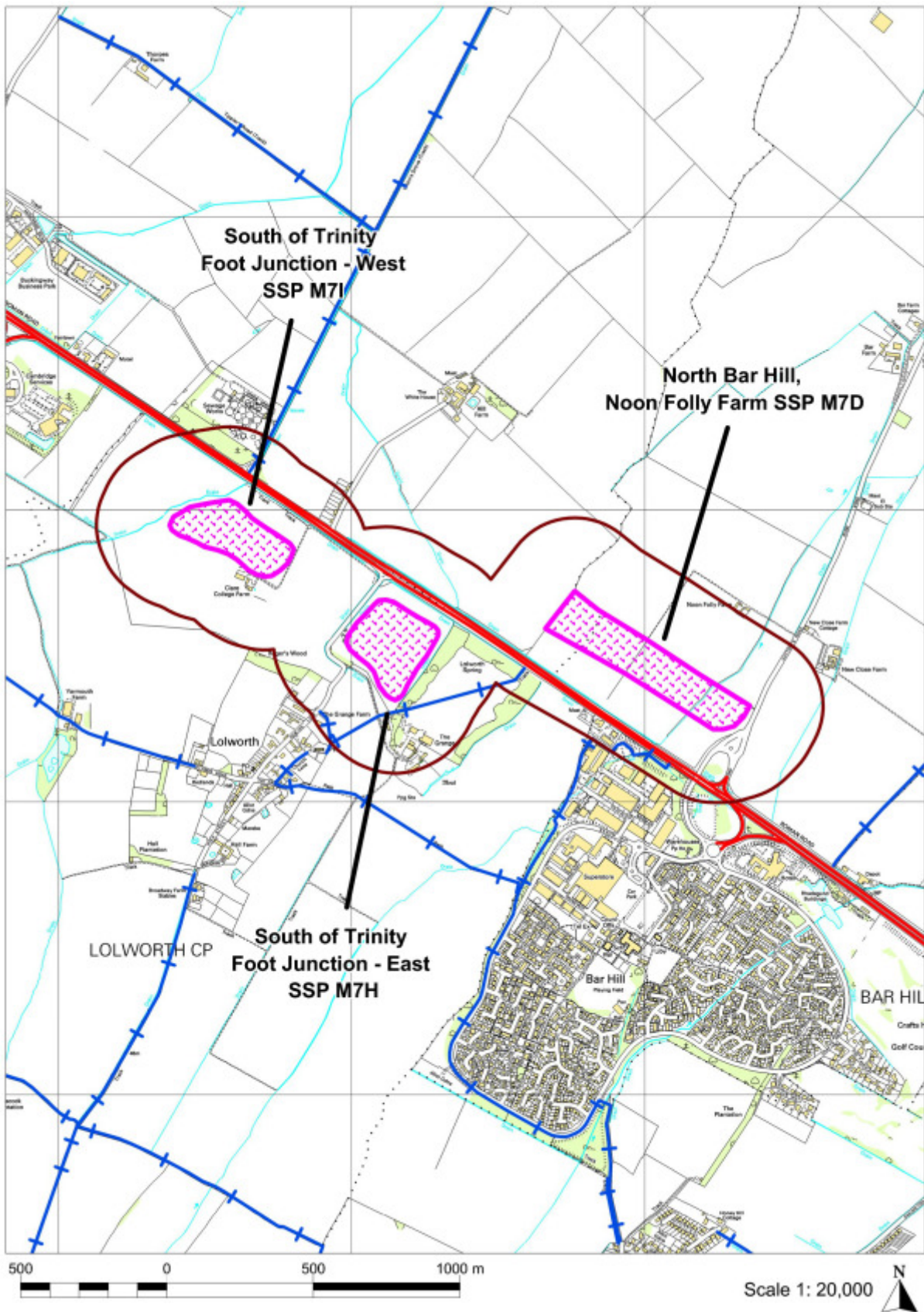
Implementation Issues

7.39 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

7.40 However, the following will need to be addressed within a planning application:

- Suitable as a borrowpit for the A14 upgrade only.
- The route of the A14 (including slipways) should be safeguarded against mineral extraction.
- The site should be restored to agriculture after use.
- Archaeological issues should be considered at planning application stage.
- Landscape capacity and visual amenity, the site should be landscaped to fit in with the local environment next to the A14.
- Any restoration after use would need to take into account the existing topography.
- Ecological and environmental issues need to be addressed; this includes surveys for potential species and potentially hydrological surveys.

7.7.4 SSP M7D North Bar Hill, Noon Folly Farm (SSP M9T)



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Summary

Site Name	North Bar Hill, Noon Folly Farm
Description of Proposed Use	Clay – general fill borrowpit for A14 upgrade
Estimated Reserve	2,500 m ³
Area	9.9 (ha)
Approximate Timescale	Jan 2012 – Nov 2015
District	South Cambridgeshire
Parish	Swavesey & Longstanton (adjacent to Lolworth & Bar Hill)
Grid Ref	TL 380 644

Site Characteristics

- The site is located north of the existing A14 route and has access to route B1050.
- Site within airfield safeguarding zone for Cambridge Airport.
- An area of pasture and less intensively farmed arable land
- Area of archaeological interest for ridge and furrow field systems.

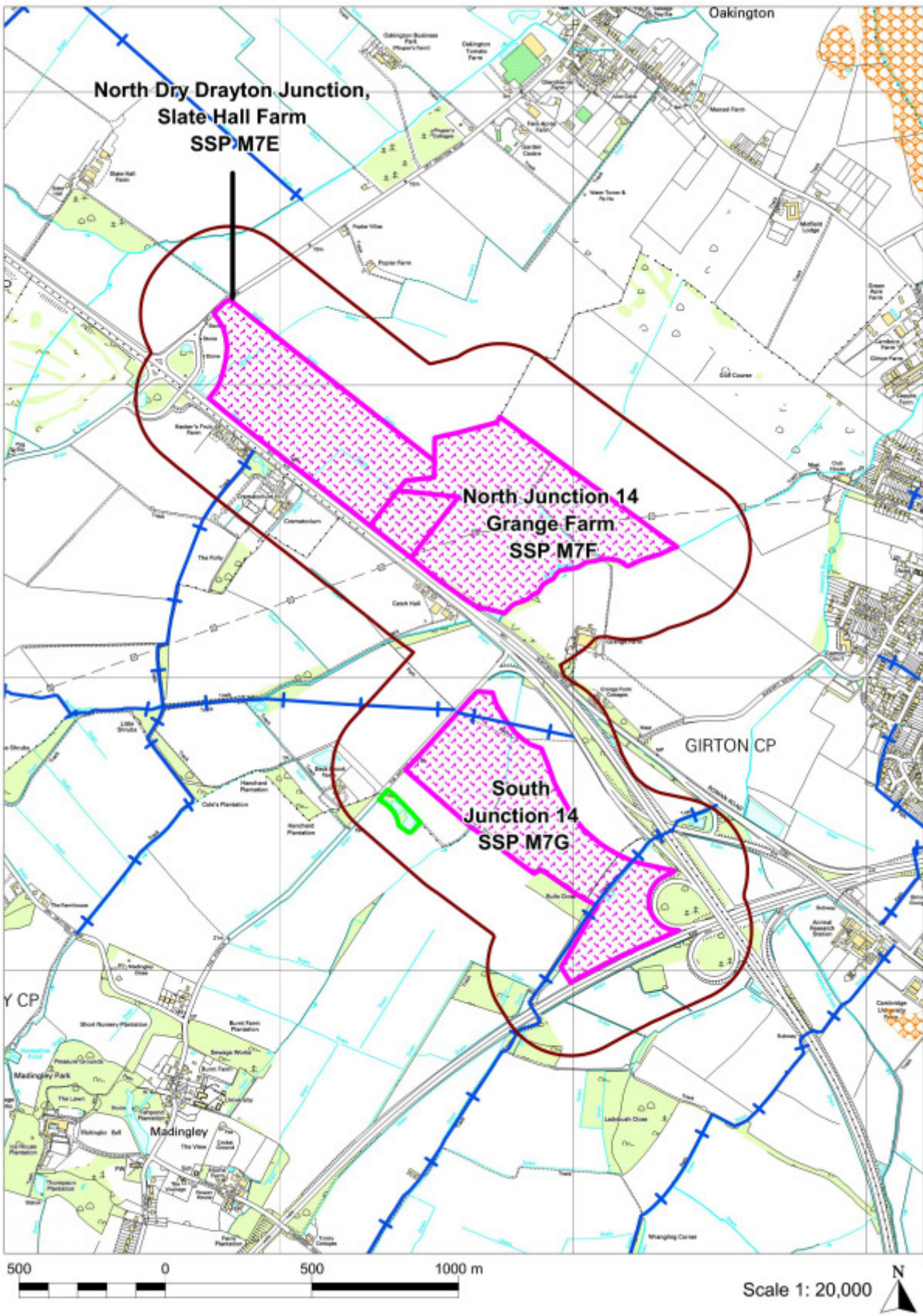
Implementation Issues

7.41 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

7.42 However, the following will need to be addressed within a planning application:

- Suitable for use as borrowpit for A14 upgrade only
- No mineral extraction will be permitted on the line of the A14 upgrade route (including slipways)
- Measures to deter gulls and feral geese from nesting/living in the borrow pit and MOD design requirements to deter the birds and prevent the potential threat of bird strike.
- Any archaeological issues should be considered at planning application stage.
- Ecological surveys including protected species & mitigation measures addressing ecological and other environmental impacts as appropriate.
- Restoration to agriculture after use (potentially including irrigation reservoir also providing opportunities for flood water storage)

7.7.5 SSP M7E North Dry Drayton Junction, Slate Hall Farm (SSP M9U)



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Summary

Site Name	North Dry Drayton Junction, Slate Hall Farm
Description of Proposed Use	Clay – General Fill borrowpit for A14 upgrade
Estimated Reserve	245,000 m ³
Area	27.9 (ha)
Approximate Timescale	Jan 2012 – April 2014
District	South Cambridgeshire
Parish	Oakington & Westwick Girton (adjacent to parish Dry Drayton)
Grid Ref	TL 401 628

Site Characteristics

- The site is located to the north of the existing A14 route.
- Airfield safeguarding zone for Cambridge Airport.
- The site is located within an area of intensively farmed open arable land.
- Grade 2 agricultural land

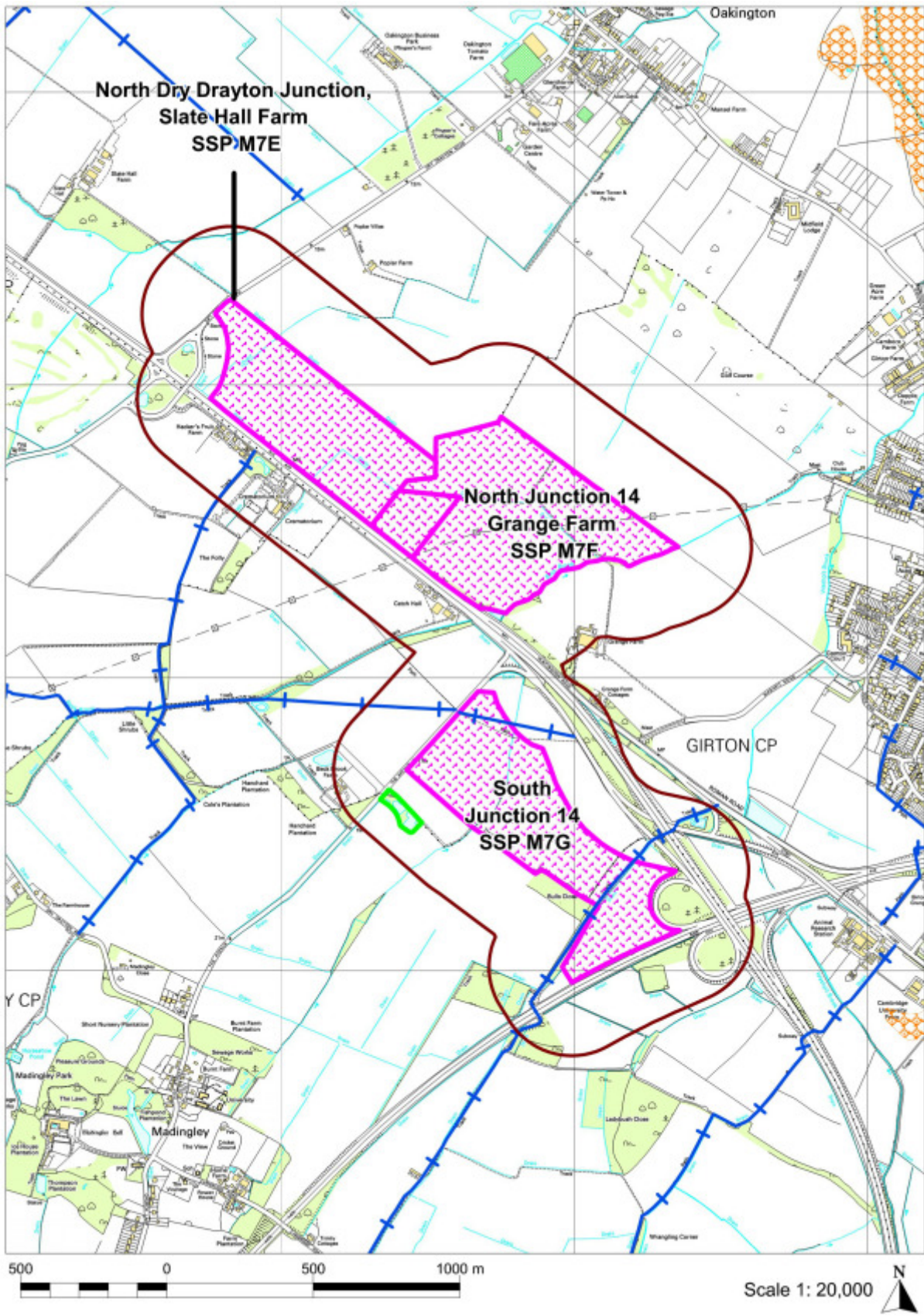
Implementation Issues

7.43 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

7.44 However, the following will need to be addressed within a planning application:

- Suitable for borrowpit for A14 upgrade only.
- The site should be considered for short term use, long term use would also be contrary to the policies in the Core Strategy.
-
- Restoration to agricultural land after use. (Potential for irrigation reservoir providing opportunities for flood water storage). Given proximity to Northstowe/Oakington informal recreation and water based amenity uses e.g. rowing course would be appropriate.
- Any archaeological concerns which will need to be addressed at planning application stage.
- Restoration to agricultural land after use.
- Restoration scheme should include measures to deter gulls and feral geese from nesting and also prevent bird strike.
- Protected Species surveys required.
- Mineral extraction will not be permitted on the A14 upgrade route (including slip roads).

7.7.6 SSP M7F North Junction 14, Grange Farm (SSP M9V)



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Summary

Site Name	North Junction 14, Grange Farm
Description of Proposed Use	Clay borrow Pit for A14 upgrade
Estimated Reserve	125,000 m ³
Area	35.8 (ha)
Approximate Timescale	Jan 2012 – Nov 2015
District	South Cambridgeshire
Parish	Girton
Grid Ref	TL 408 625

Site Characteristics

- The site is located north of the existing A14 route.
- Within airfield safeguarding zone for Cambridge Airport.
- Grade 2 Agricultural Land
- Within 4km of Madingley Wood SSSI, 700m of Madingley Brickpits, Country Wildlife Site
- Madingley Hall Grade II registered park and garden 2km to the south.

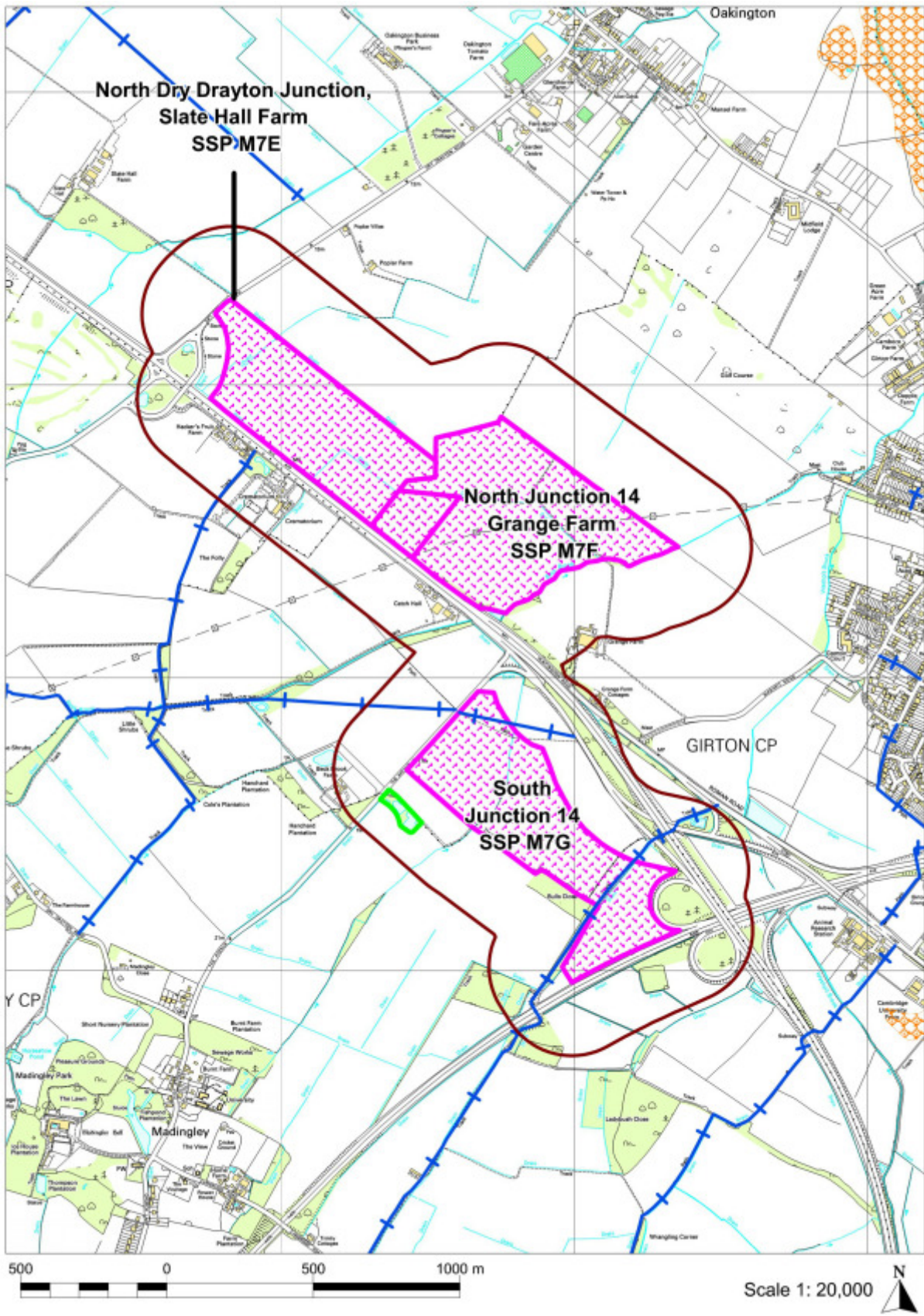
Implementation Issues

7.45 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

7.46 However, the following will need to be addressed within a planning application:

- Suitable for borrowpit use for A14 upgrade only.
- Any archaeological concerns which will need to be addressed at planning application stage.
- Restoration to agricultural land after use. (Potential for irrigation reservoir providing opportunities for flood water storage). Given proximity to Northstowe/Oakington informal recreation and water based amenity uses e.g. rowing course would be appropriate.
- Restoration scheme should include measures to deter gulls and feral geese from nesting and also to prevent bird strike.
- Mineral extraction will not be permitted on the proposed A14 route(including slip roads)
- Update surveys on protected species.

7.7.7 SSP M7G South Junction 14 (SSP M9Z)



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Summary

Site Name	South Junction 14
Description of Proposed Use	Clay – general fill borrowpit for A14 upgrade
Estimated Reserve	90,000 m ³
Area	29.8 (ha)
Approximate Timescale	Jan 2012 – Nov 2015
District	South Cambridgeshire
Parish	Girton -Madingley
Grid Ref	TL 408 614

Site Characteristics

- The subject site lies west of the M11 at Junction 14 with access onto the A428
- The site is currently used for open arable farming
- Lies within the Green Corridor 23 Cambridge Outer Orbital corridor
- Area of archaeological potential
- Within 2Km of Madingley Wood SSSI. Within 500m of Madingley Brickpits Country Wildlife Site.
- Within airfield safeguarding zone for Cambridge Airport.
- Madingley Hall and American Military Cemetery 2km to the south

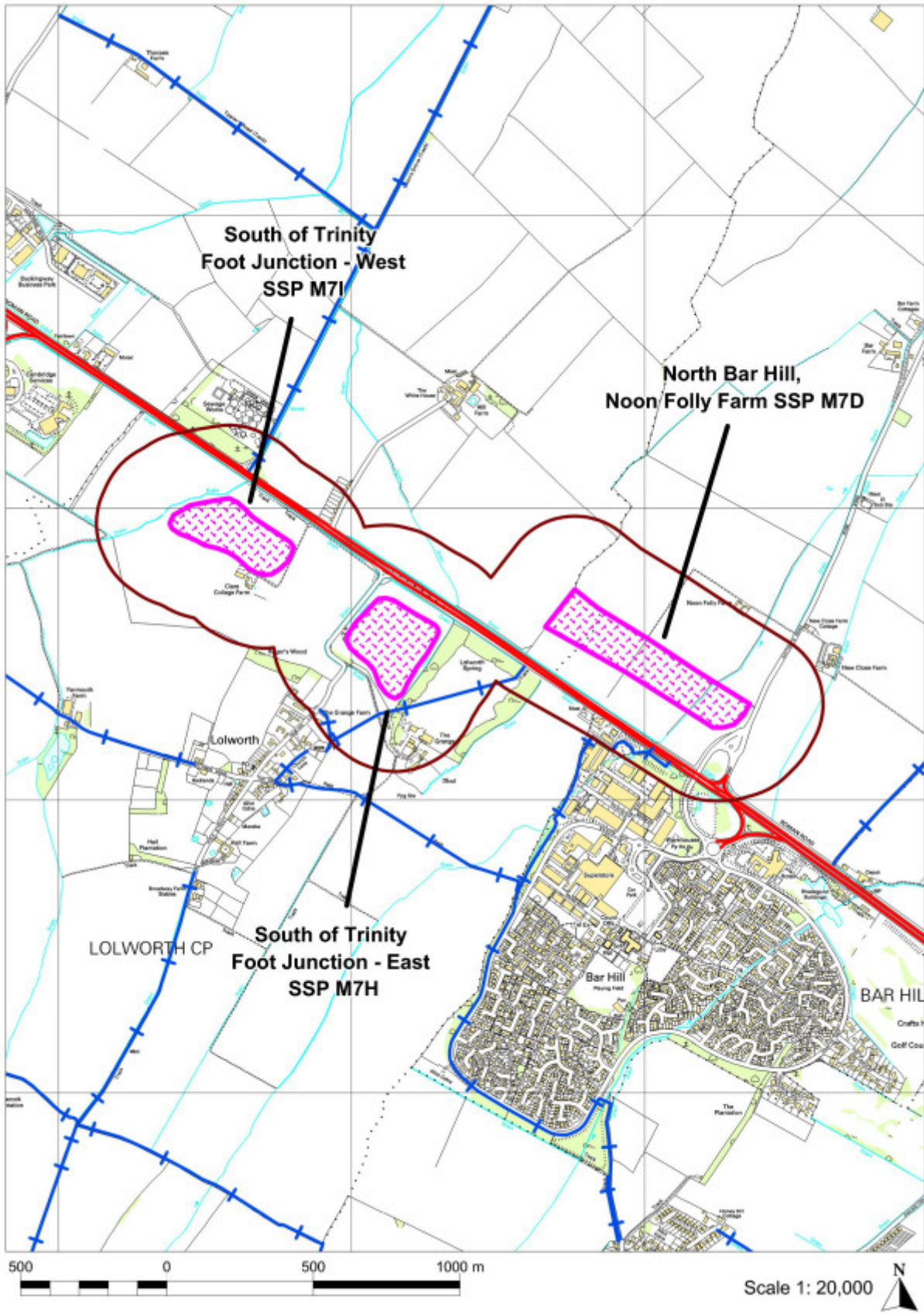
Implementation Issues

7.47 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

7.48 However, the following will need to be addressed within a planning application:

- Suitable for use as a borrowpit for the A14 upgrade only.
- No mineral extraction will be permitted on line of A14 upgrade (including slip roads).
- Any archaeological concerns which will need to be addressed at planning application stage.
- Updated ecological surveys required to evaluate the impact of the proposed development on any protected species.
- Restoration should look at potential for contributing to Green Corridor 23 Cambridge Outer Orbital Corridor.
- Restoration to agricultural land after use (with potential for irrigation reservoir and providing opportunities for flood water storage capacity)
- The site is within safeguarding zone for Cambridge Airport; therefore measures should be taken to deter gulls and feral geese from nesting in the burrow pit and also to prevent bird strikes.

7.7.8 SSP M7H South of Trinity Foot Junction - East (SSP M9AA)



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Summary

Site Name	South of Trinity Foot Junction – East
Description of Proposed Use	Clay and general fill for A14
Estimated Reserve	202,500 m ³
Area	6.1 (ha)
Approximate Timescale	Jan 2012 – Jan 2015
District	South Cambridgeshire
Parish	Swavesey (adjacent to parishes Boxworth & Conington)
Grid Ref	TL 371 645

Site Characteristics

- The site is located south of the Trinity Foot Junction along the existing A14 route.
- The site is set back off the main road.
- Sensitive receptors on the south end of the site include a number of residential properties.
- Agricultural land identified as Grade 2

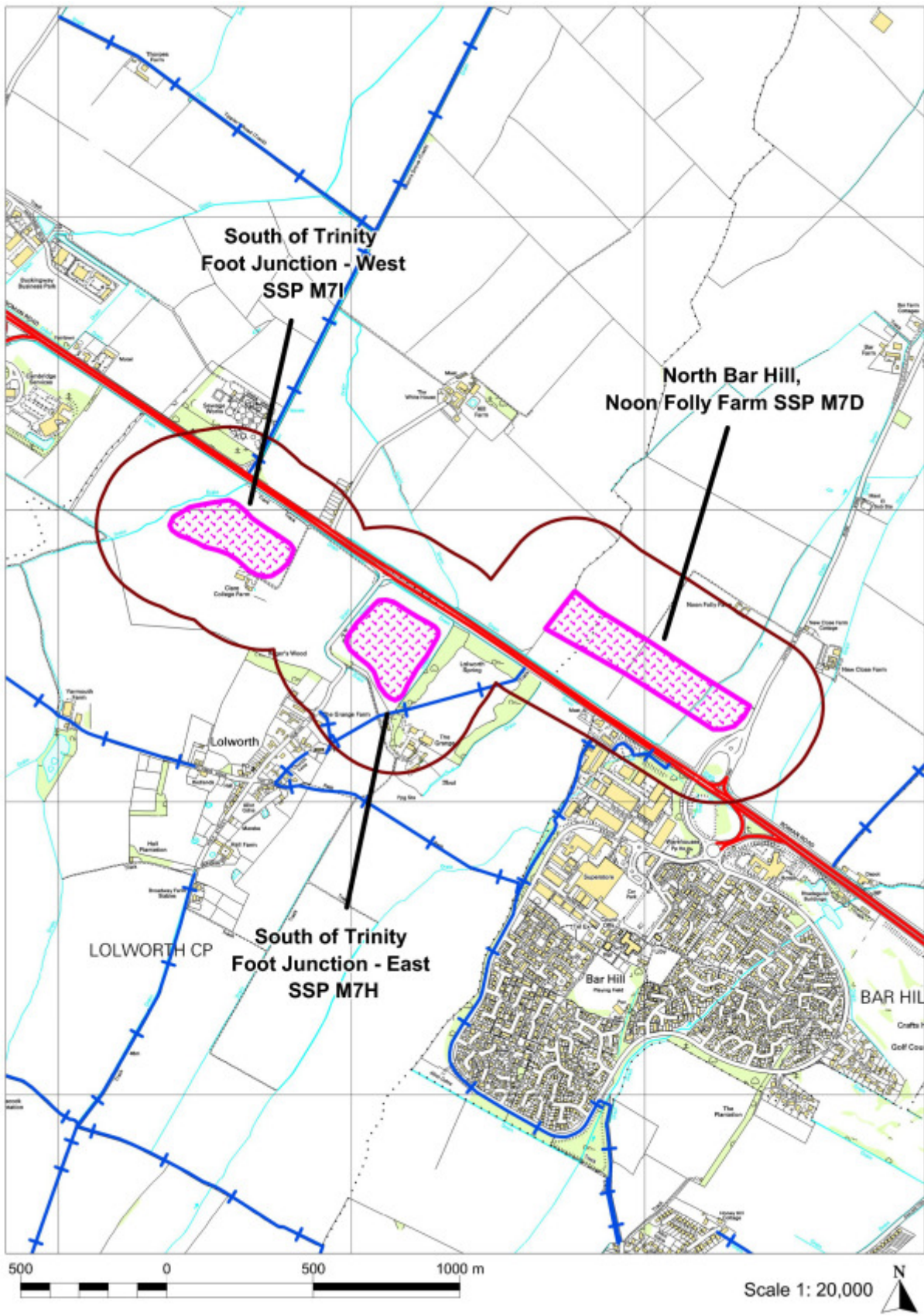
Implementation Issues

7.49 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

7.50 However, the following will need to be addressed within a planning application:

- Suitable for use as a borrowpit for the A14 upgrade only
- The route of the A14 (including slip roads) should be safeguarded against mineral extraction.
- The site should be restored to agriculture after use. (potential for irrigation reservoir also providing opportunities for flood storage capacity)
- Archaeological issues should be considered at planning application stage.
- Measures to address amenity issues.

7.7.9 SSP M7I South of Trinity Foot Junction - West (SSP M9AB)



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Summary

Site Name	South Trinity Junction West
Description of Proposed Use	Clay – general fill borrowpit for A14 upgrade
Estimated Reserve	175,000 m ³
Area	5.9 (ha)
Approximate Timescale	Jan 2012 – Jan 2015
District	South Cambridgeshire
Parish	Lolworth (adjacent to Boxworth & Swavesey)
Grid Ref	TL 366 649

Site Characteristics

- The site is set back off existing A14 route.
- The site is set within an area of an intensively farmed open arable lands.

Implementation Issues

7.51 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

7.52 However, the following will need to be addressed within a planning application:

- Suitable for use as borrowpit for A14 upgrade only.
- The route of the proposed A14 upgrade (including slip roads) should be safeguarded against mineral extraction.
- Restoration to agricultural after use (irrigation reservoir also providing opportunities for flood water storage capacity).
- Some archaeological concerns which will need to be addressed at planning application stage.
- Ecological surveys including protected species and mitigation measures as appropriate

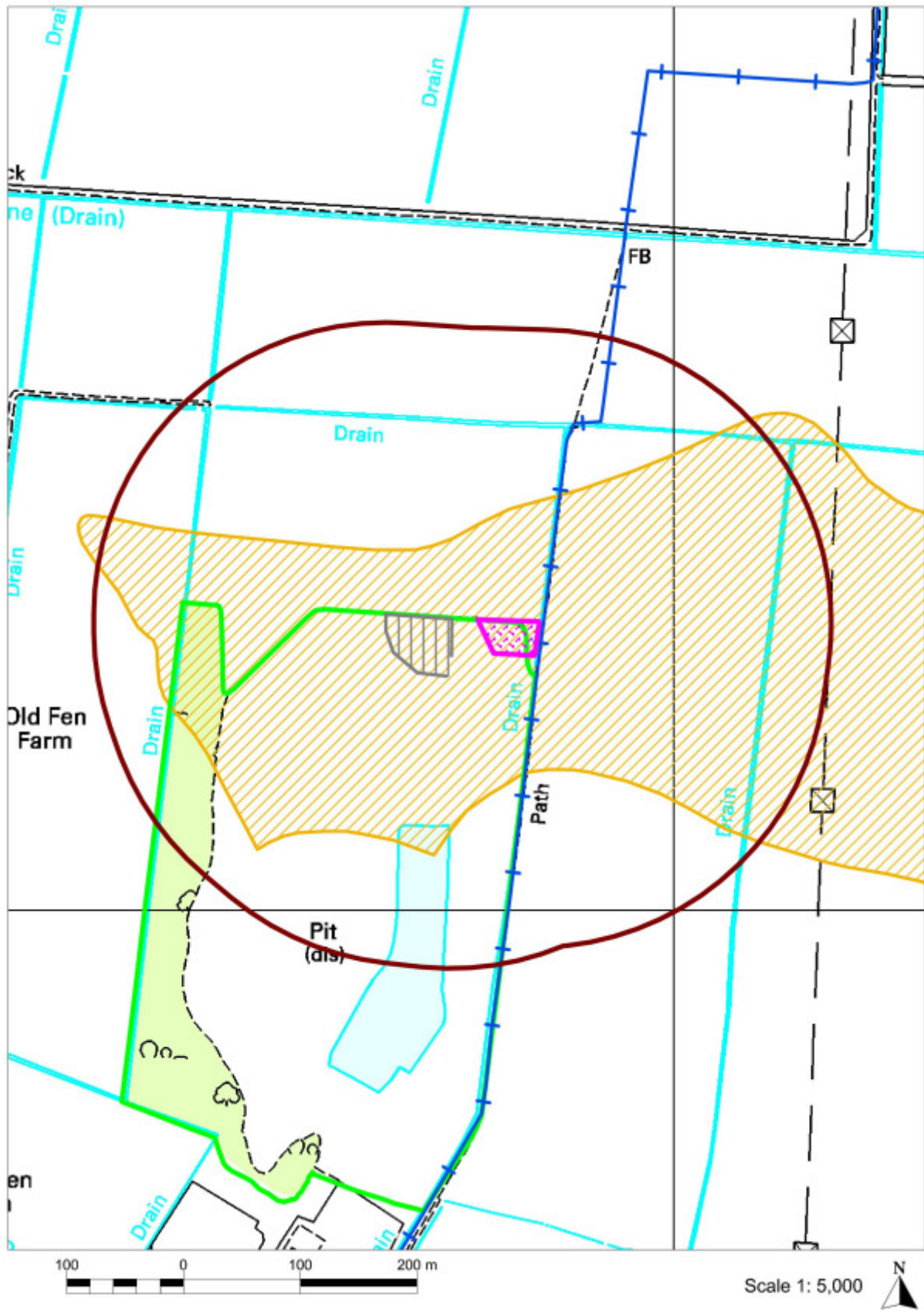
7.8 Specialist Minerals Site Profiles

Specialist Mineral Allocations

SSP M8	Site Name	Map Ref
A	Burwell Brickpits, Burwell (brick clay)	24
B	Dimmock's Cote Quarry, Wicken (limestone)	25

7.53 A Site Profile and map for each of the above follows.

7.8.1 SSP M8A - Burwell Brickpits, Burwell (SSP M9E)



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Summary

Site Name	Burwell
Description of Proposed Use	Mineral Extraction: Clay
Estimated Reserve :	TBC
Area	Less than 1 (ha)
Approximate Timescale	Dependent on demand and market forces
District	East Cambridgeshire
Parish	Burwell
Grid Ref	TL 579 694

Site Characteristics

- Extraction for specialist uses i.e. manufacture of bricks and tiles for building conservation purposes
- Existing site with small extraction of brick clay
- Site is within open countryside
- Close to County Wildlife Site
- Close to Wicken Fen SSSI
- Sensitive receptors close to the site

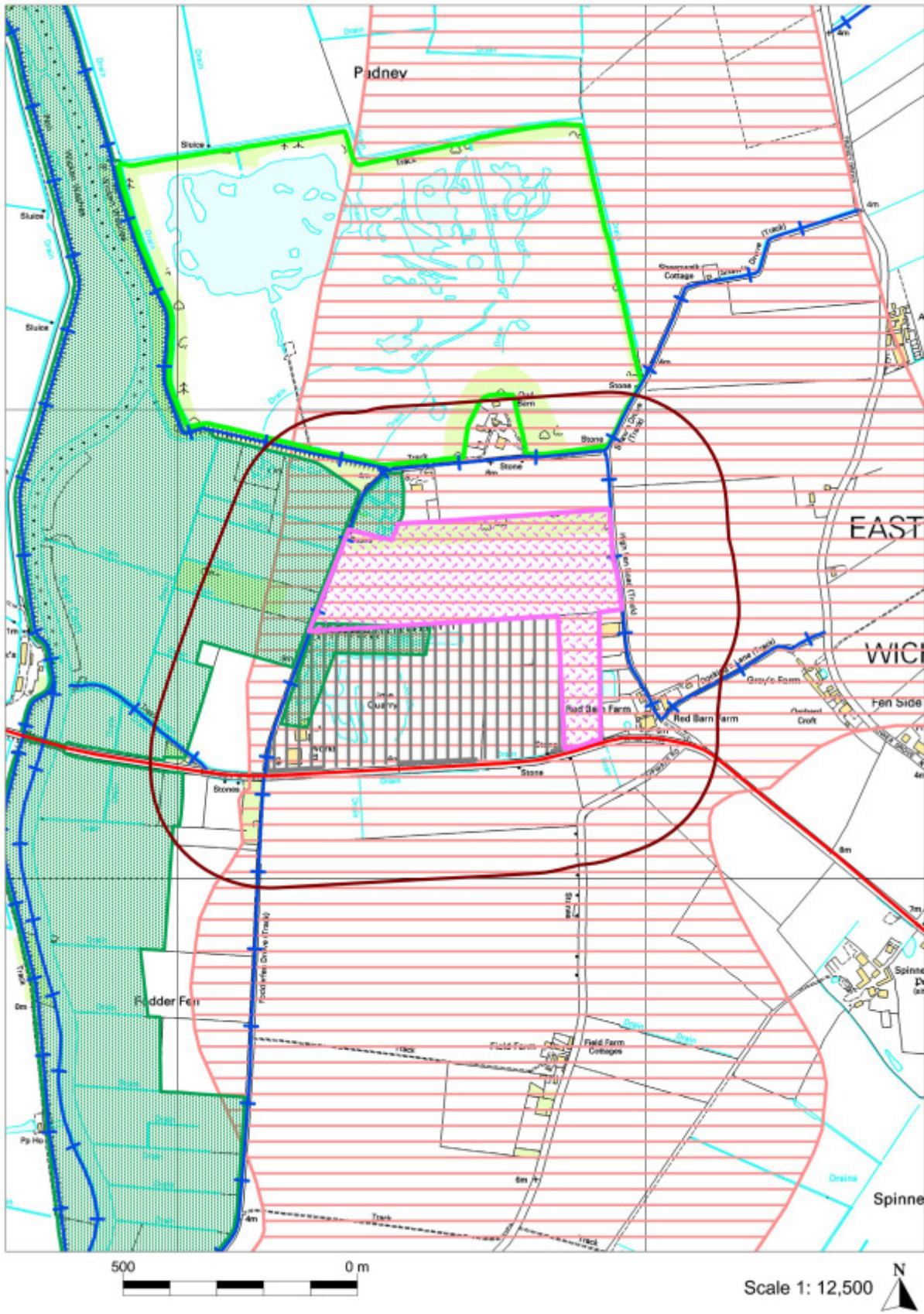
Implementation Issues

7.54 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

7.55 However, the following will need to be addressed within a planning application:

- Impact on groundwater flows and sensitive receptors
- Ecological evaluation and mitigation taking into account the County Wildlife Site
- Opportunity for biodiversity benefits through restoration and management
- Noise will need to be mitigated
- Access for mineral transport should be direct to nearby processing site
- Potential impacts on biodiversity interests

7.8.2 SSP M8B - Dimmock's Cote Quarry, Wicken Fen (SSP M9I)



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Summary

Site Name	Dimmocks Cote Quarry, Wicken Fen
Description of Proposed Use	Mineral Extraction: Limestone
Estimated Reserve :	TBC
Area	15.4 ha
Approximate Timescale	Dependent on demand and market forces.
District	East Cambridgeshire
Parish	Wicken
Grid Ref	TL 546 726

Site Characteristics

- Existing site which extracts limestone for non-aggregate purposes i.e. improvement of agricultural land
- Archaeologically sensitive
- In close proximity to Cam Washes SSSI
- Hydrological concerns
- Nearby sensitive receptors
- Geological SSSI

Implementation Issues

7.56 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

7.57 However, the following will need to be addressed within a planning application:

- Hydrogeological impact on sensitive receptors
- Noise and dust will require mitigation
- Measures to conserve geological interest through restoration and management
- Vehicular access via existing access to works
- Landscape mitigation required
- Safeguarding existing infrastructure
- Potential impacts (including hydrological) on biodiversity sites including the Cam Washes, Upware North Pit and Upware Bridge Pit North SSSIs

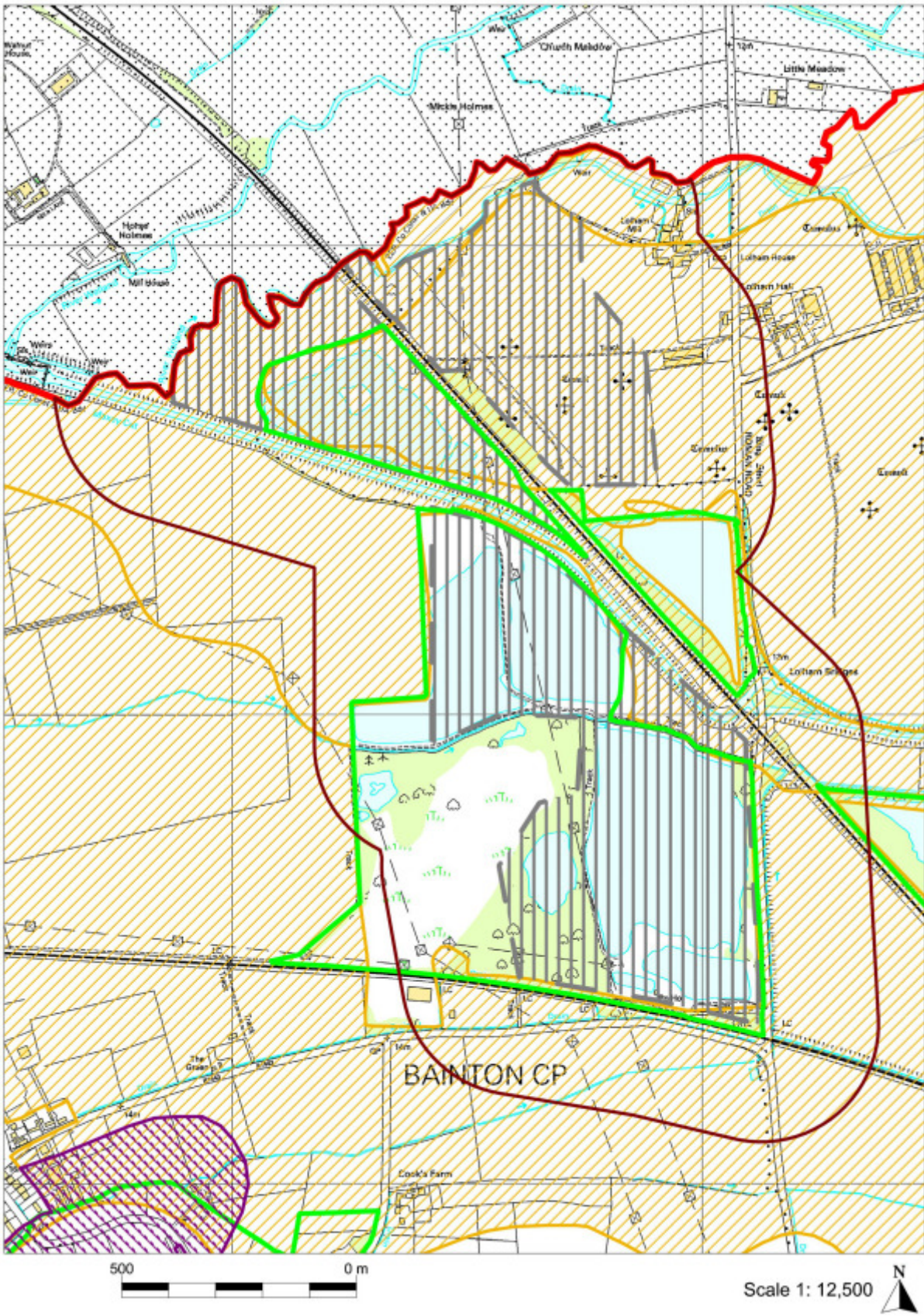
7.9 Mineral Consultation Areas

Mineral Consultation Areas

7.58 Mineral Consultation Areas have been designated at all allocated mineral sites (SSP M1 - SSP M8) and around the permitted reserves and operational sites tabled below. The extent of the Mineral Consultation Areas is shown on the maps that follow.

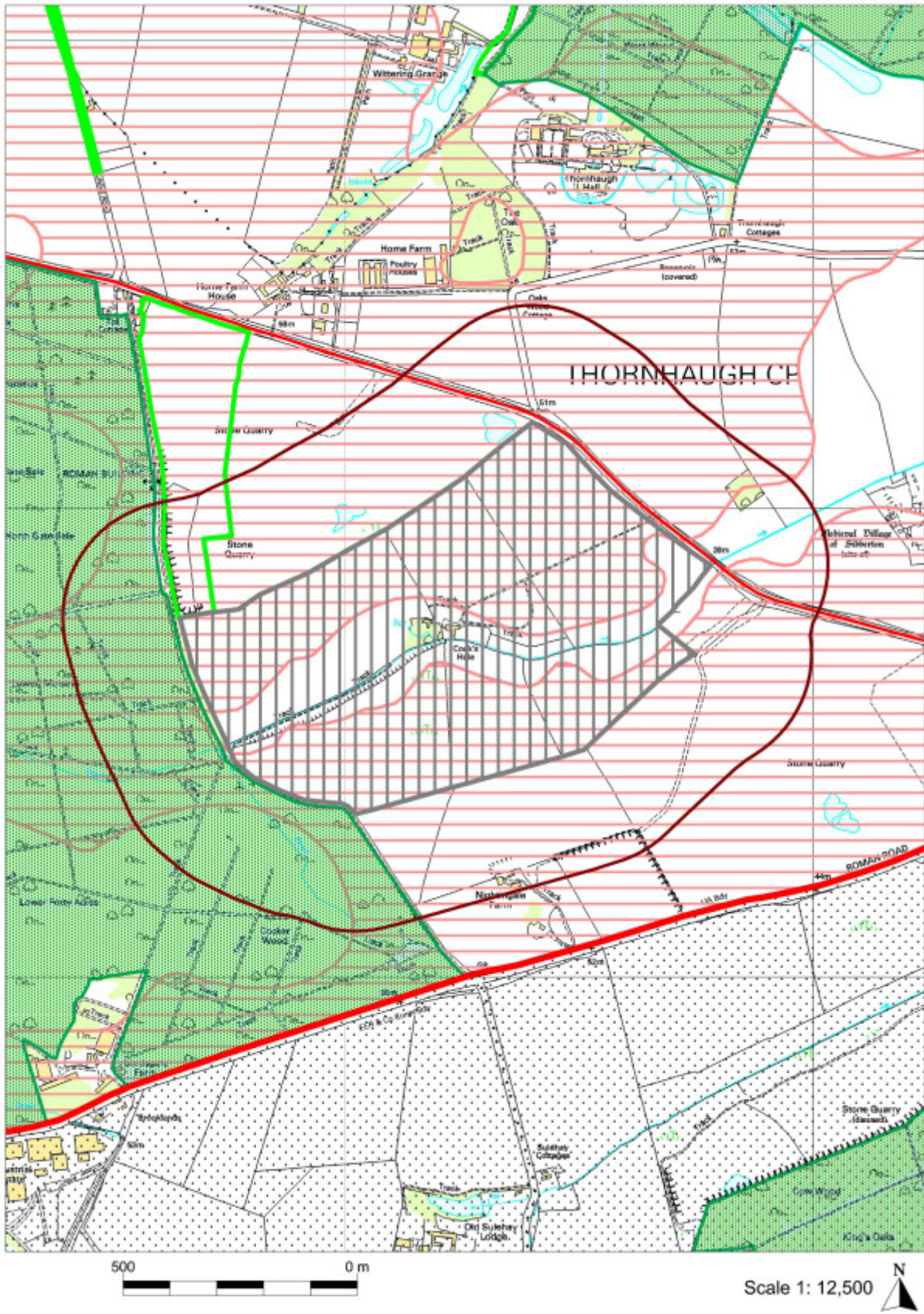
Proposed sites with MCA designation	Map Ref
Include all sites listed in allocations SSP M1 - SSP M8	1 - 25
Plus	
MCA's around permitted reserves and operational sites	
A - Bainton (Lafarge)	26
F - Cooks Hole, Peterborough (PJ Thory)	27
H - Cross Leys (Mick George)	28
K - Kennett (Mike George)	29
M - Little Paxton (Bardon Aggregates)	30
N - Little Paxton (Lafarge)	31
O - Marsh Lane, Hemingford Grey (Lafarge)	32
Q - Crick's Farm / Must Farm, Whittlesey (Hanson)	33
Y - Somersham	34
AD - Southorpe Quarry (Mick George)	35
AE - Station Quarry, Steeple Morden	36
AF - Tanholt Farm, Eye (Cemex)	37
AG - Thornhaugh I, II, IIB and Cooks Hole	38
AL - Dernford Farm	39
AM - Sutton Gault	40

7.9.1 SSP M9A - Bainton (Lafarge)



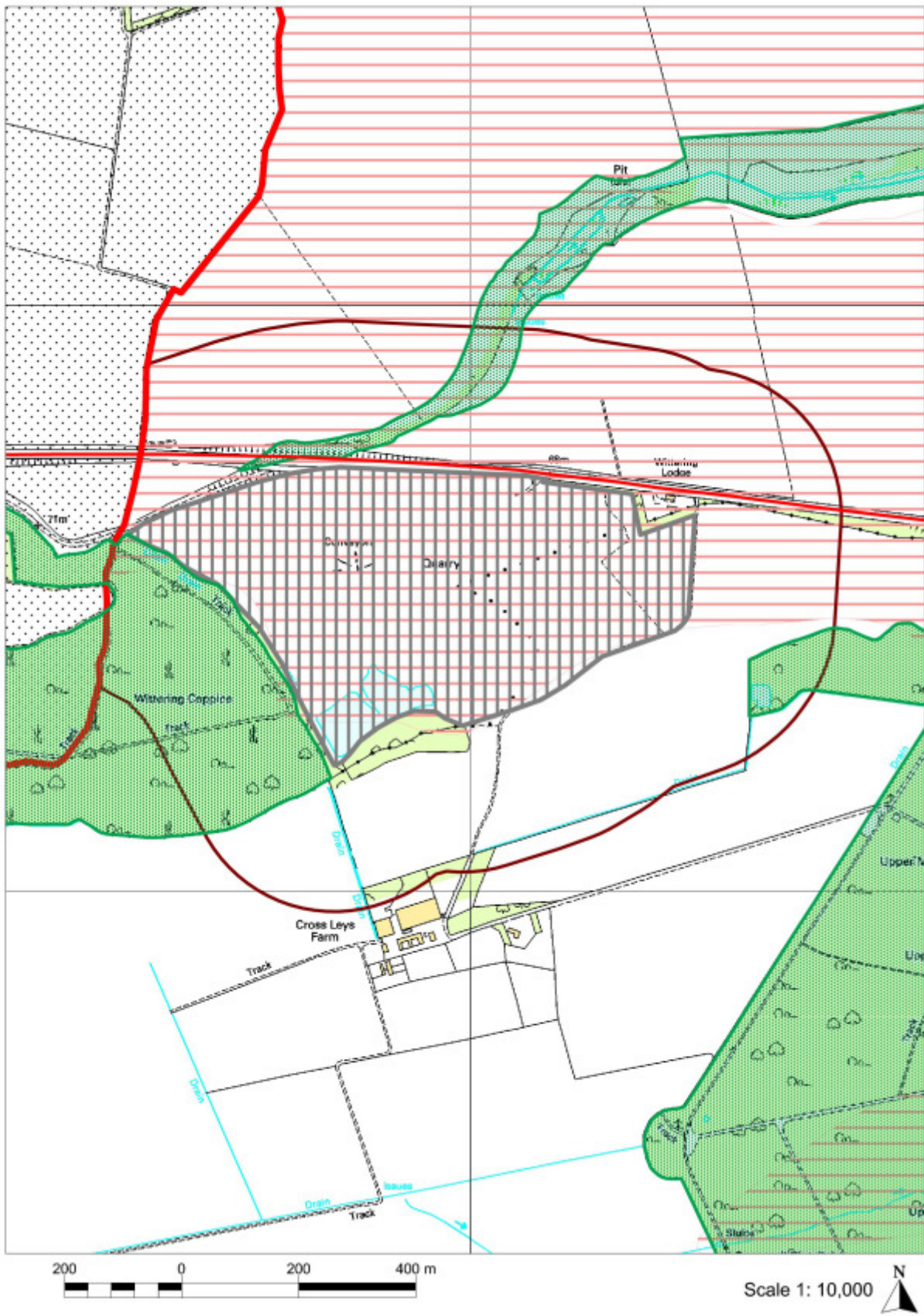
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7.9.2 SSP M9F - Cooks Hole, Peterborough (PJ Thory)



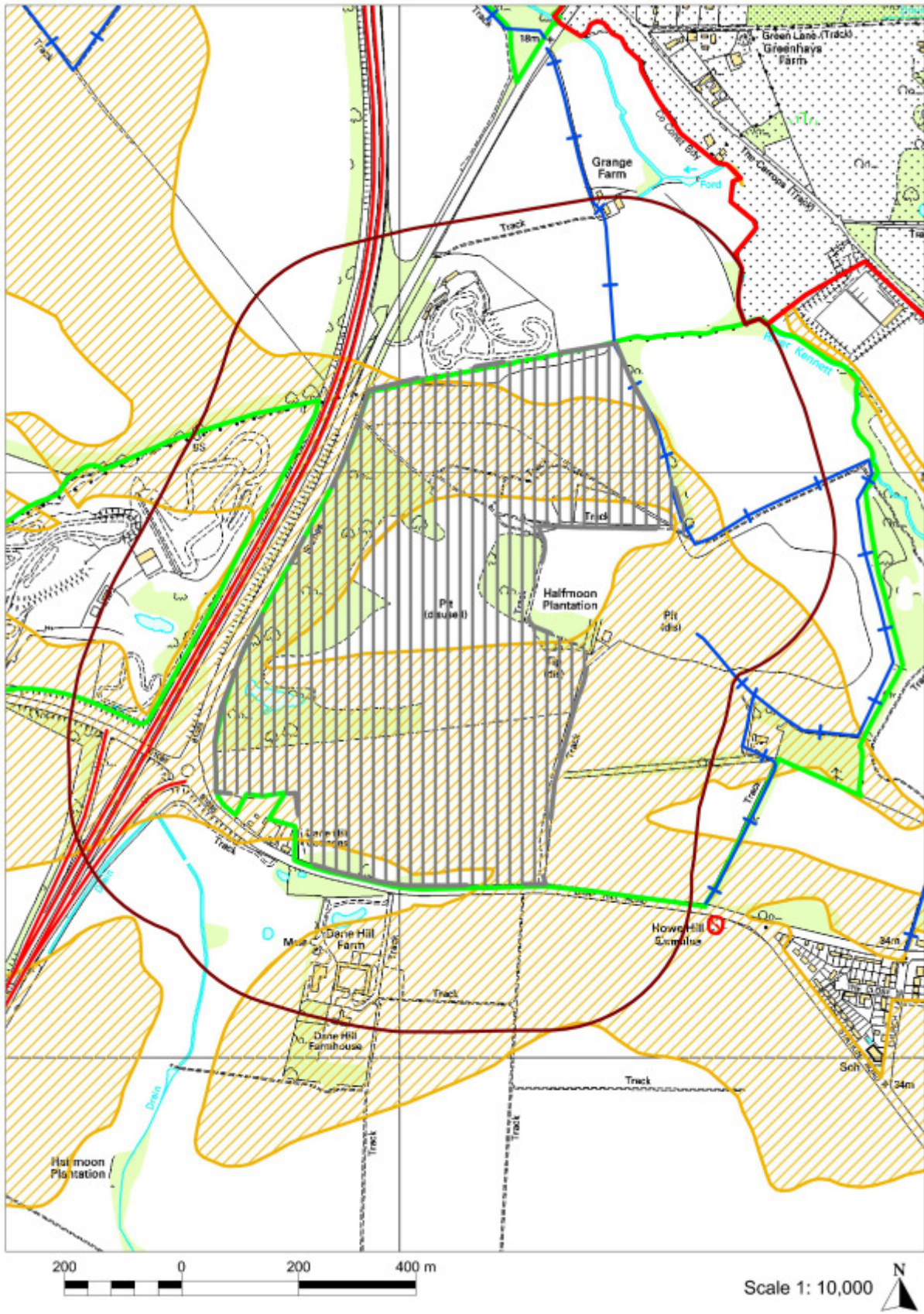
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7.9.3 SSP M9H - Cross Leys (Mick George)



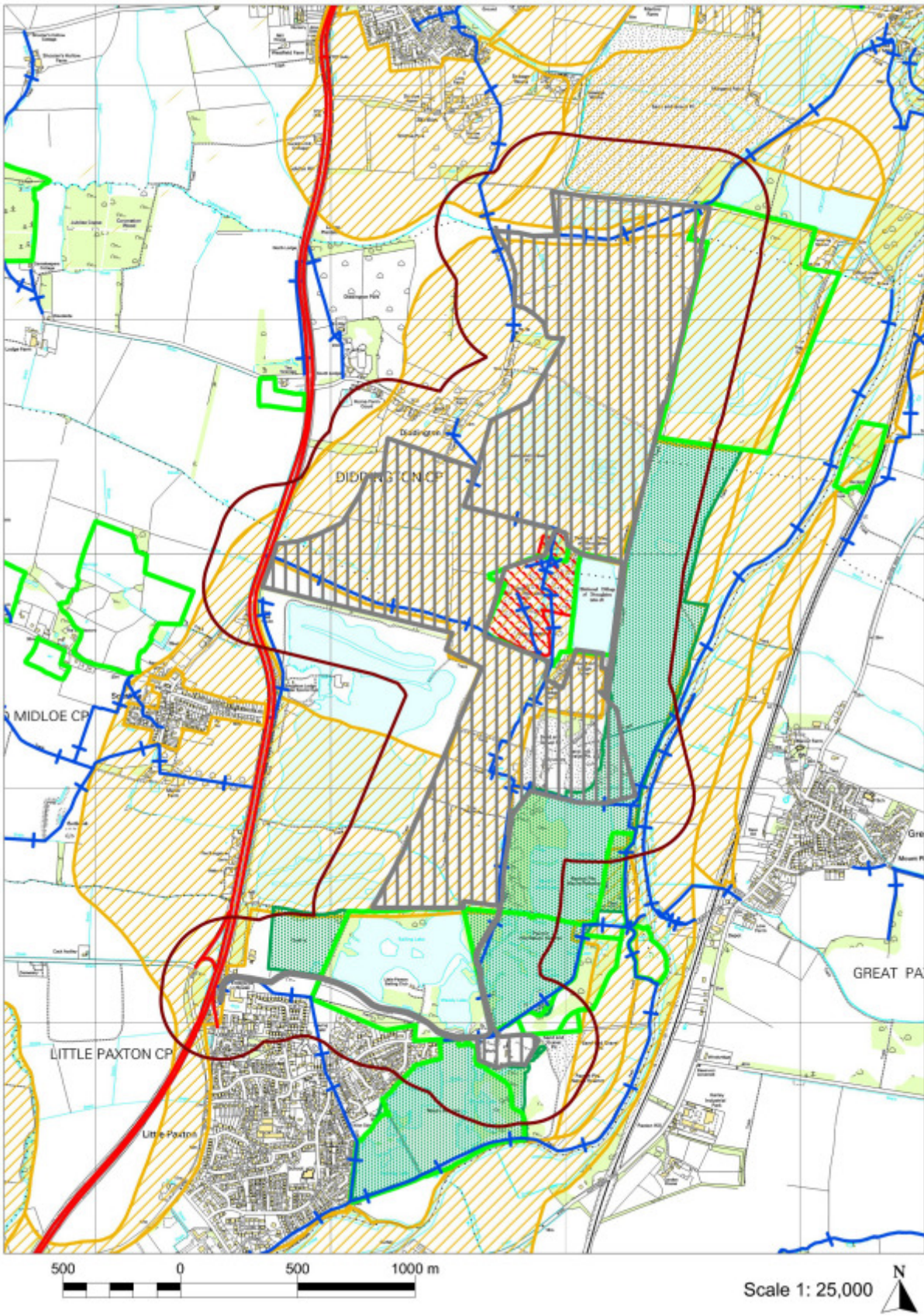
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7.9.4 SSP M9K - Kennett



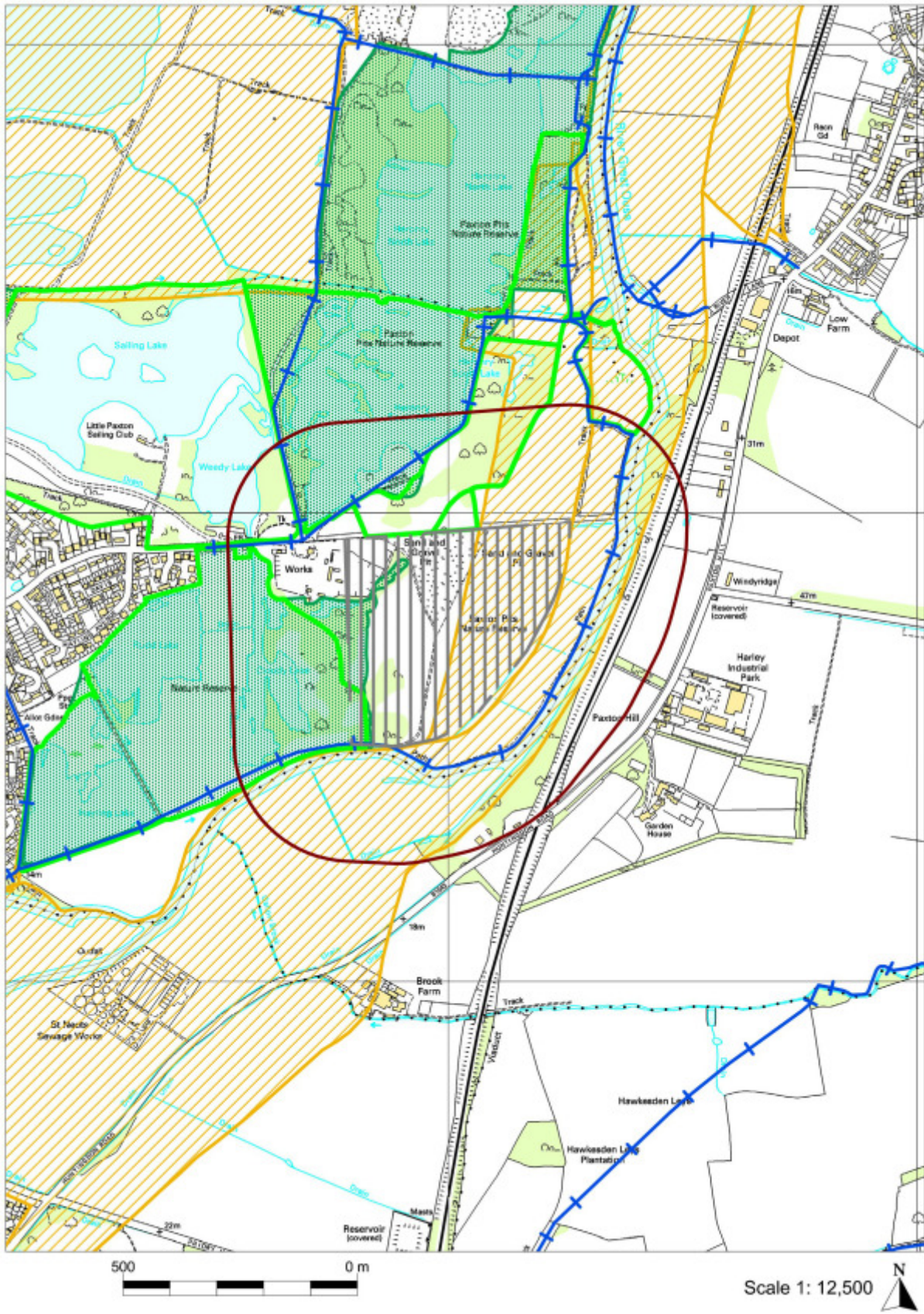
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7.9.5 SSP M9M - Little Paxton (Bardon Aggregates)



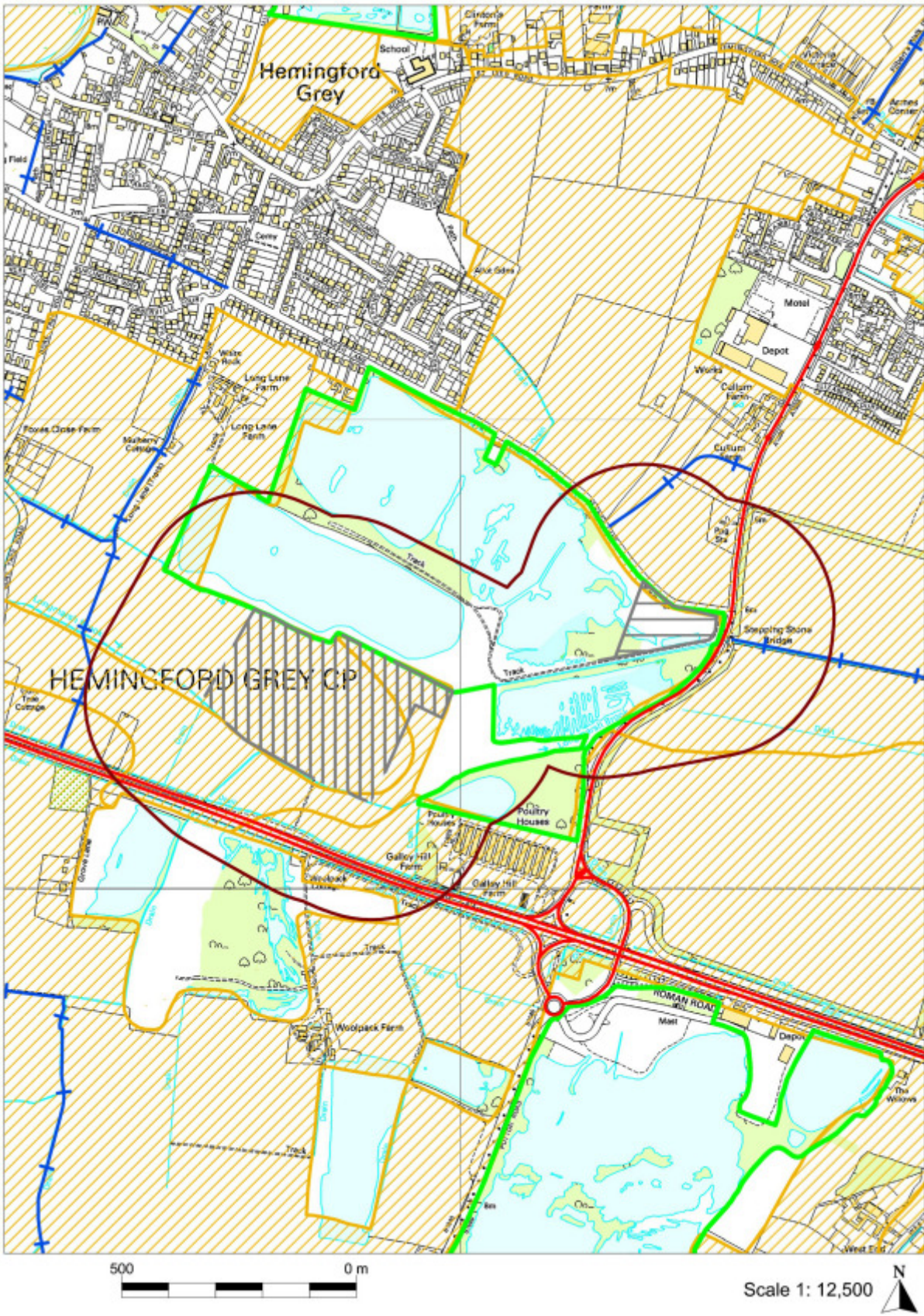
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7.9.6 SSP M9N - Little Paxton (Lafarge)



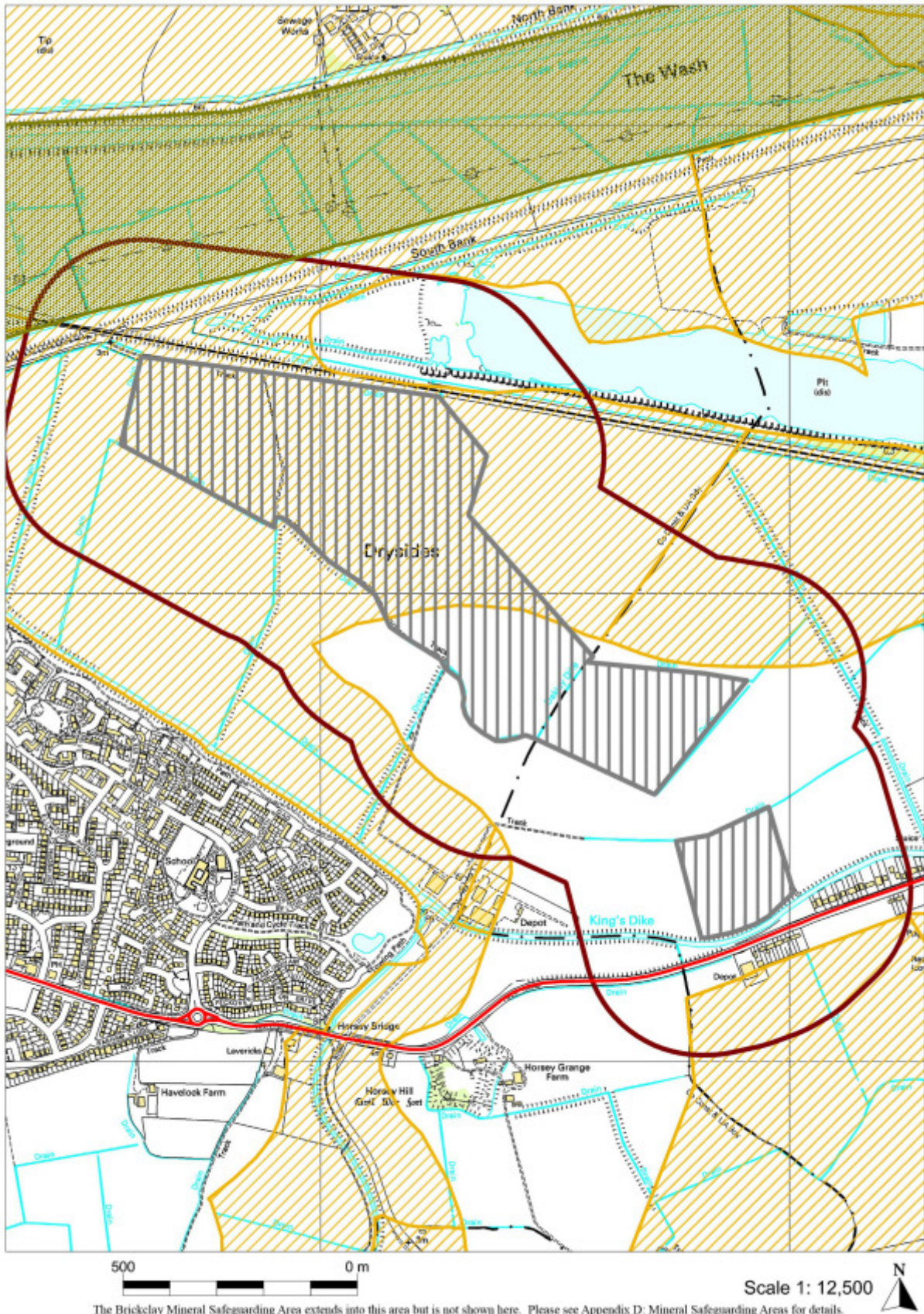
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7.9.7 SSP M90 - Marsh Lane, Hemingford Grey (Lafarge)



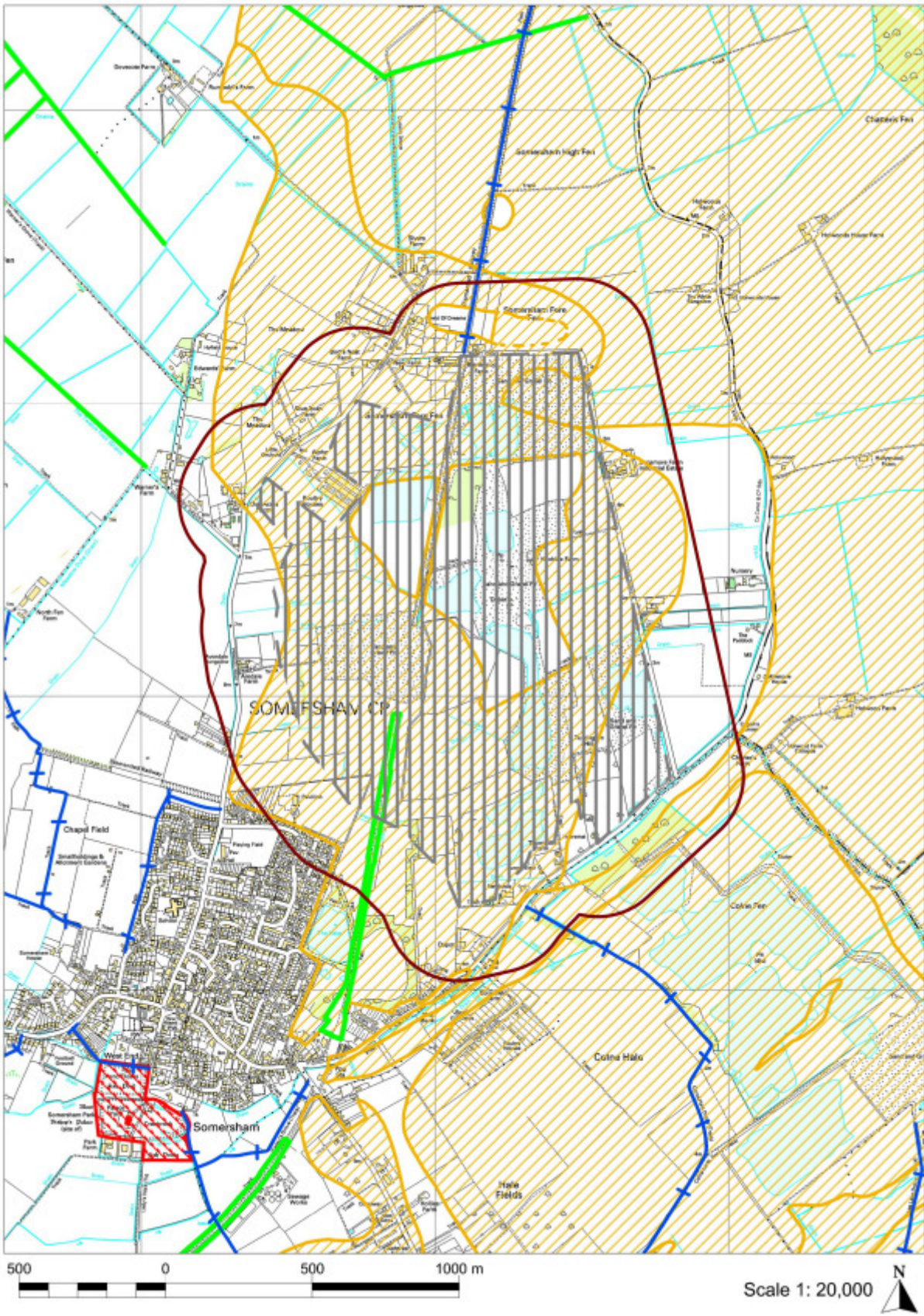
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7.9.8 SSP M9Q- Must (Crick's) Farm, Whittlesey (Hanson)



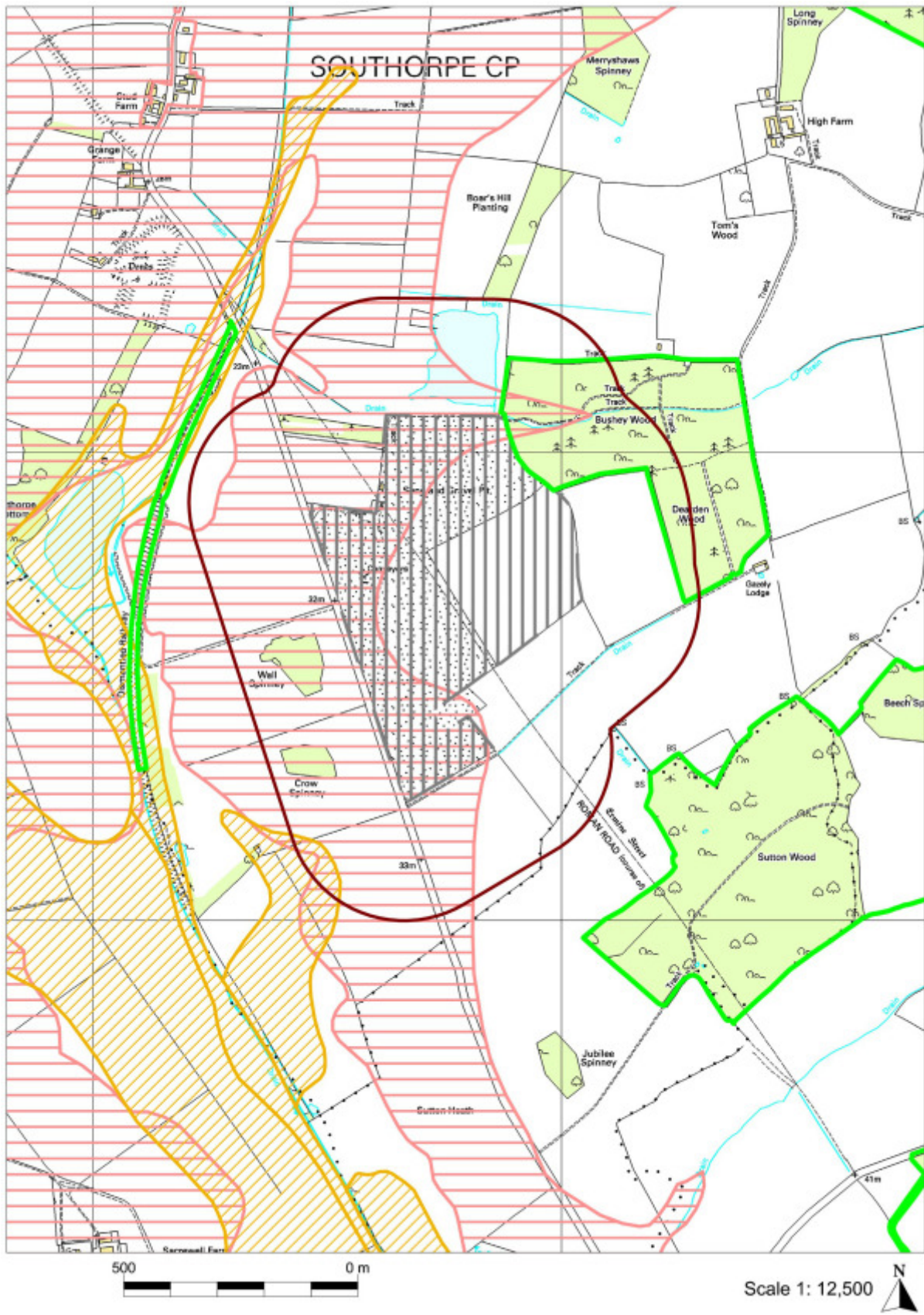
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7.9.9 SSP M9Y - Somersham



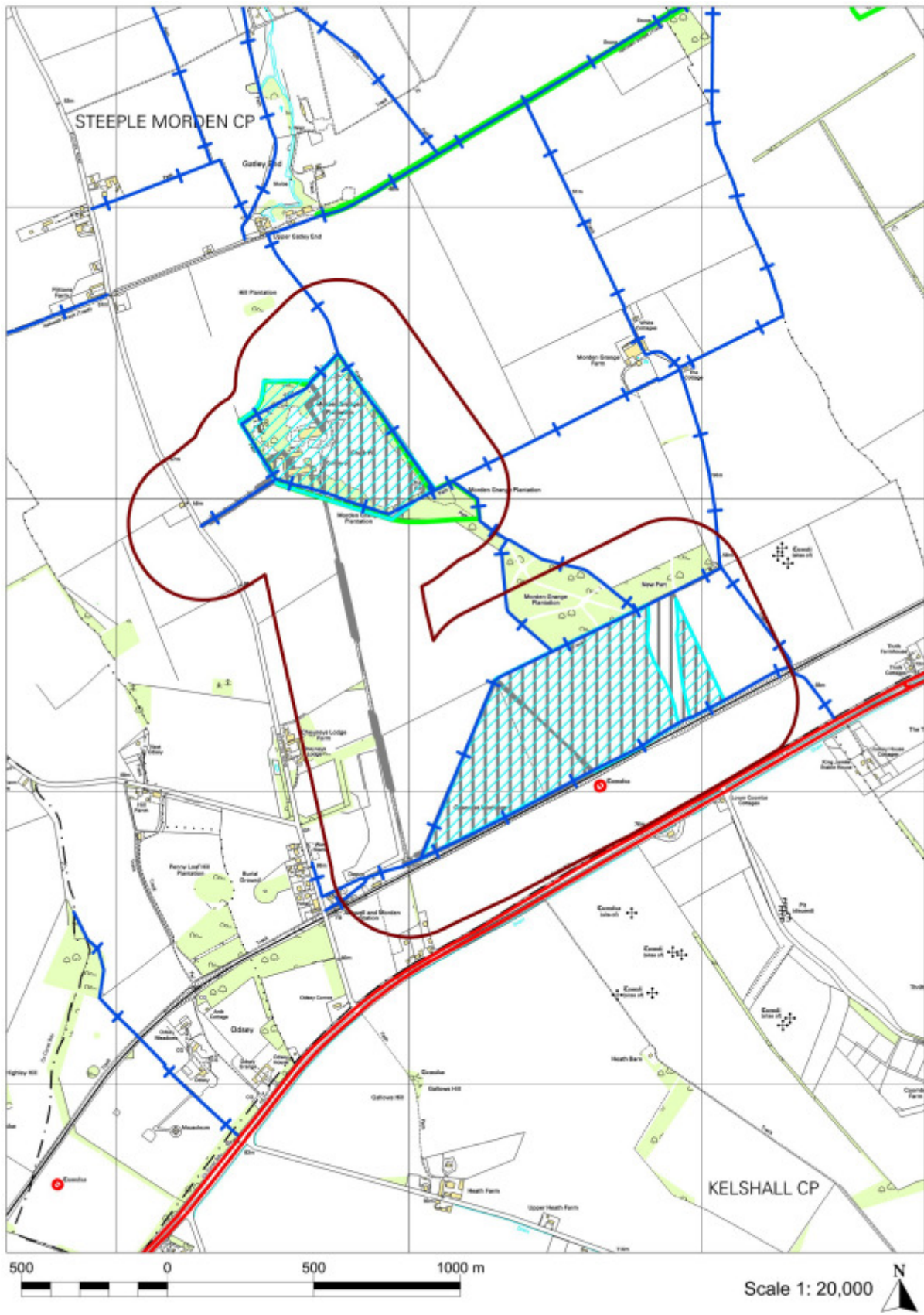
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7.9.10 SSP M9AD - Southorpe Quarry (Mick George)



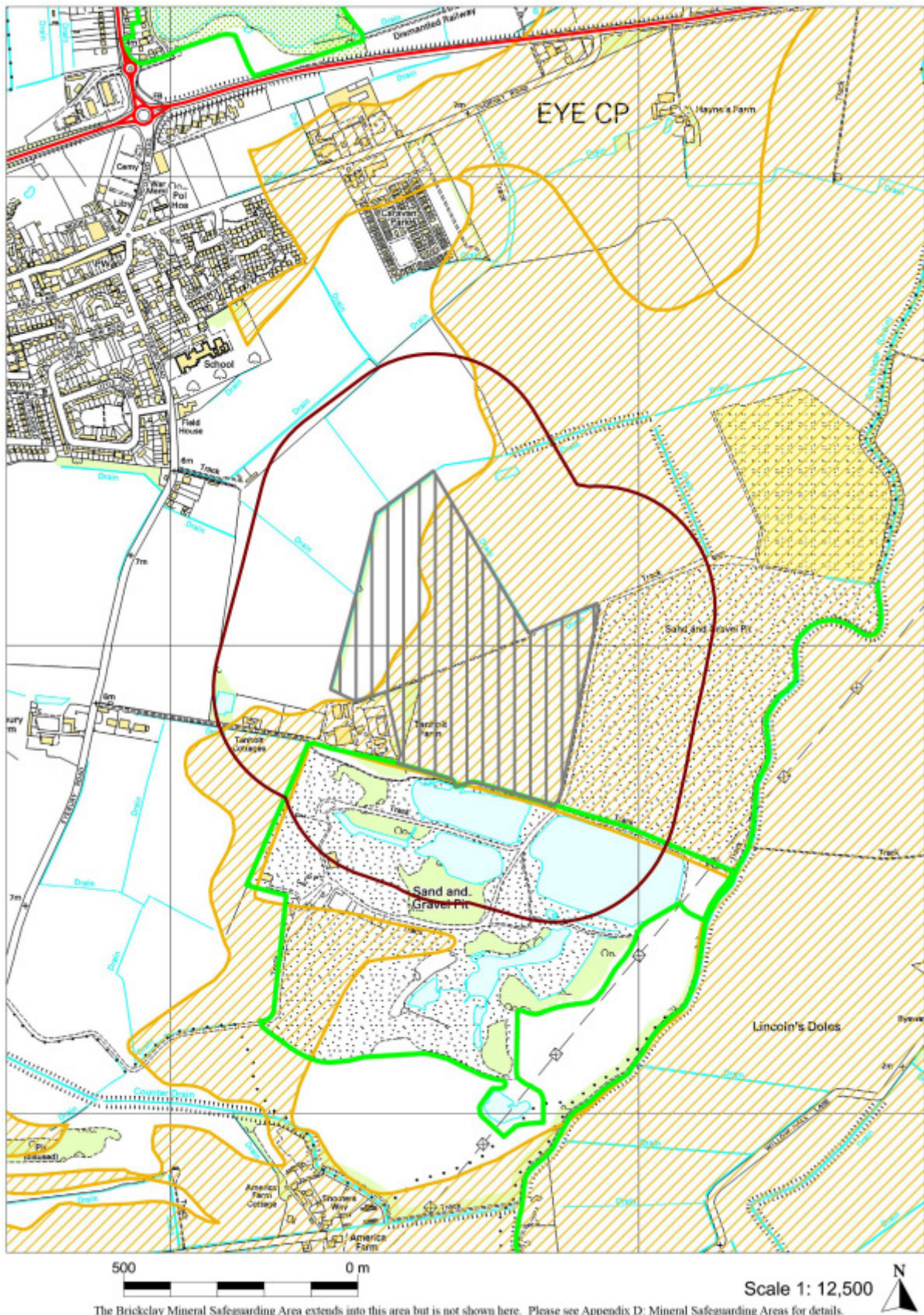
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7.9.11 SSP M9AE - Station Quarry, Steeple Morden



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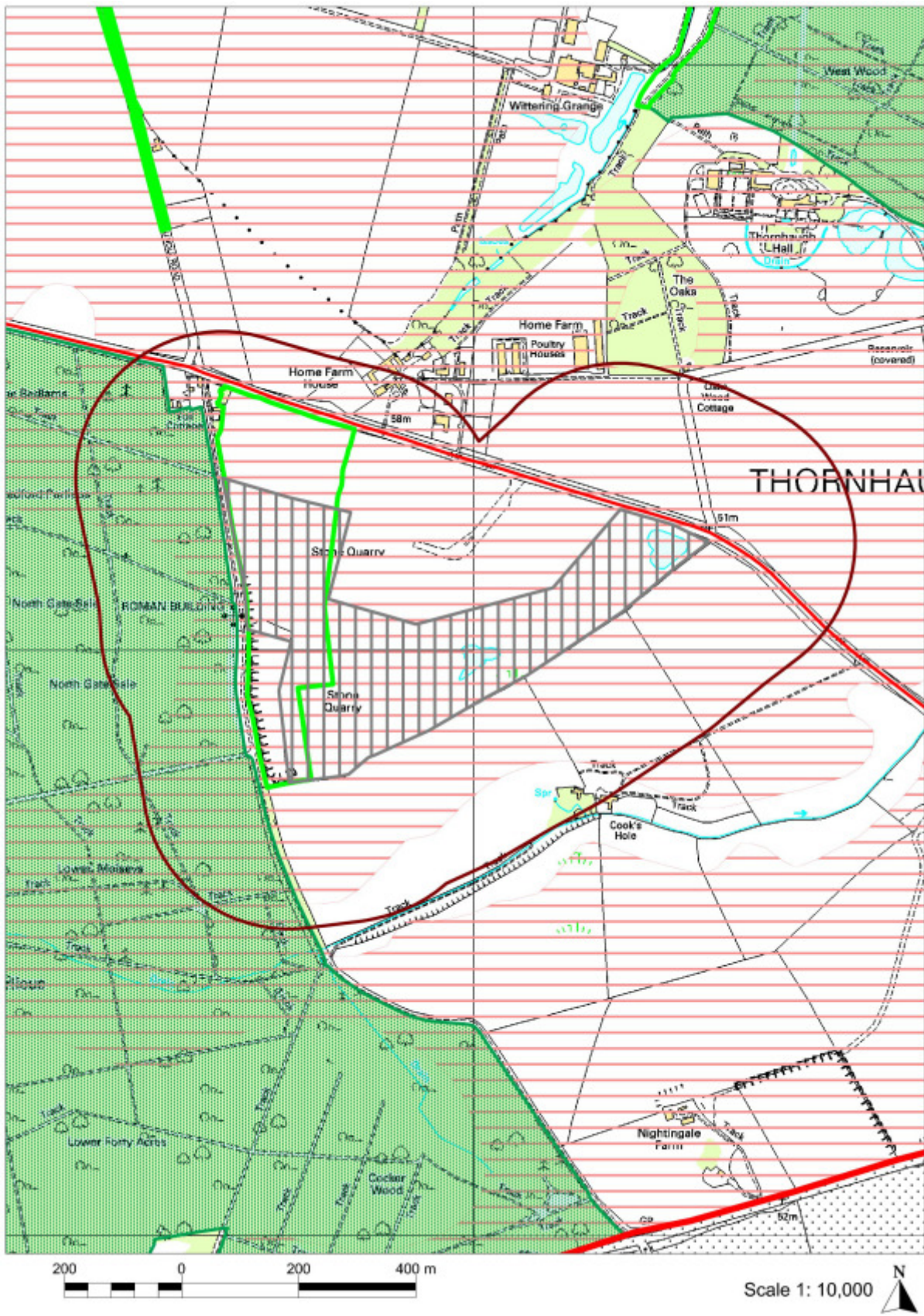
7.9.12 SSP M9AF - Tanholt Farm, Eye (Cemex)



The Bricklay Mineral Safeguarding Area extends into this area but is not shown here. Please see Appendix D: Mineral Safeguarding Areas for details.

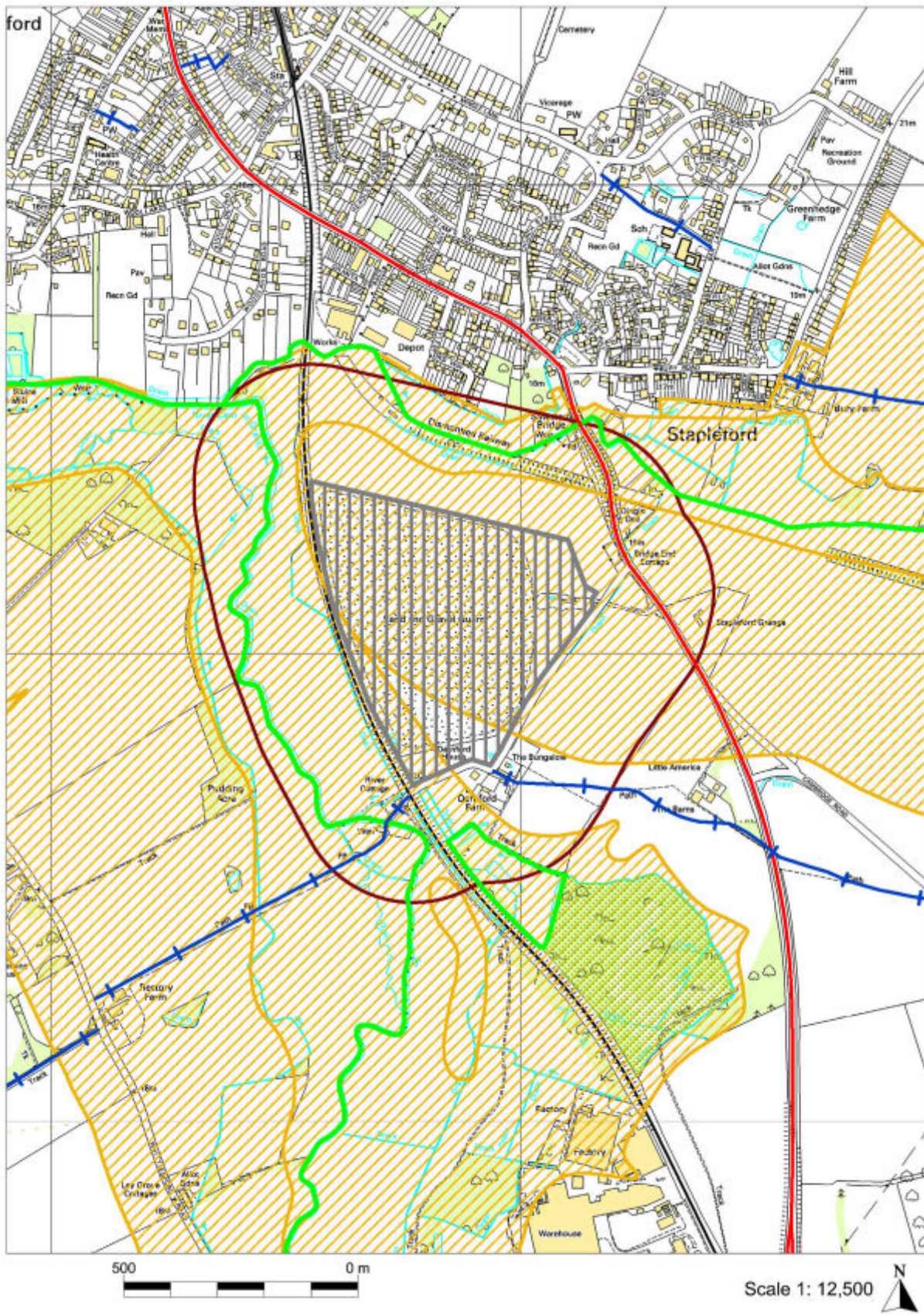
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7.9.13 SSP M9AG - Thornhaugh I, Thornhaugh (PJ Thory)



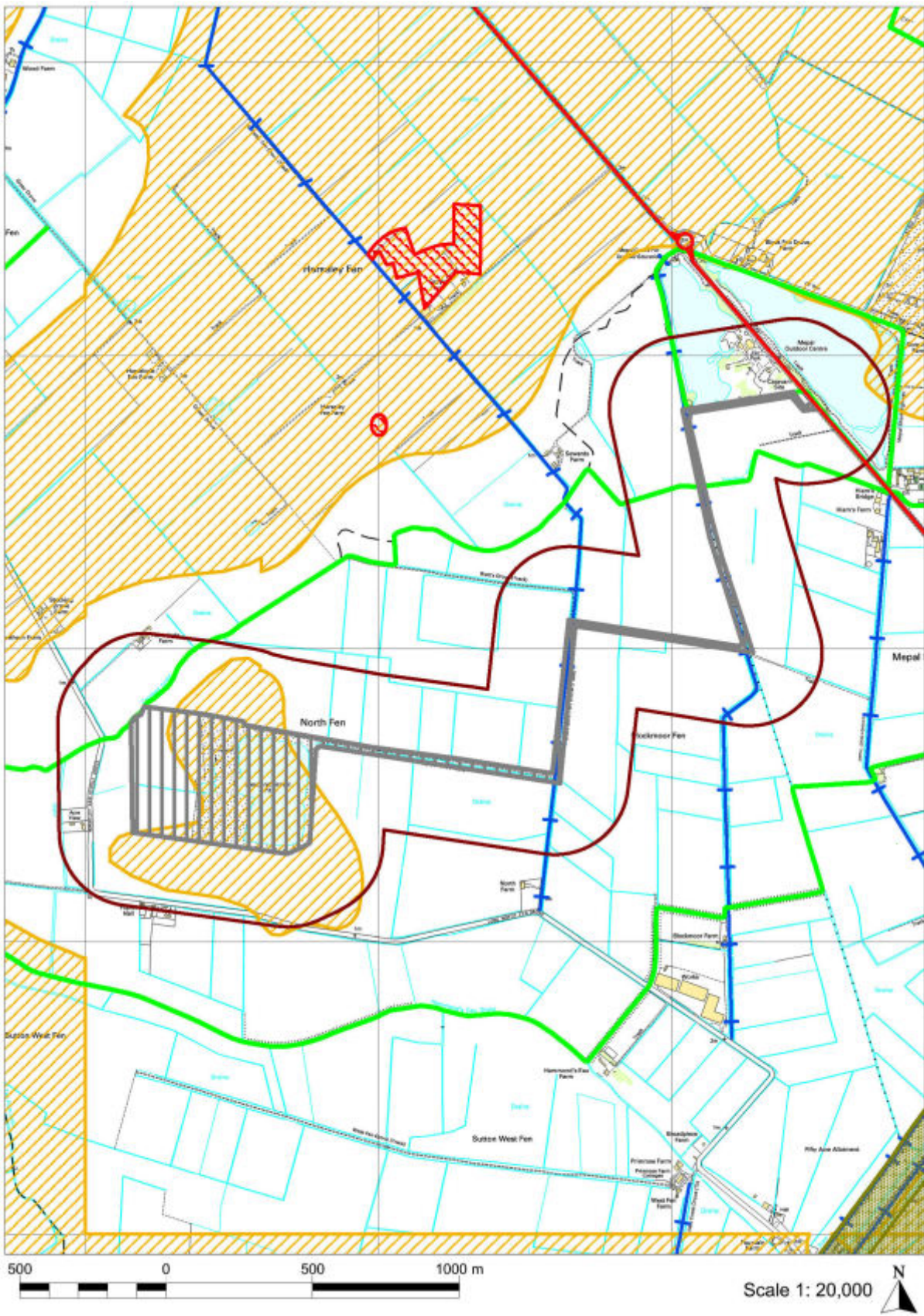
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7.9.14 SSP M9AL Dernford Farm



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7.9.15 SSP M9AM Sutton Gault








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8 Waste Management Facilities

LEGEND








Allocations and Consultation Areas

	Site Allocation		Mineral Consultation Area
	Existing Mineral Site		Waste Consultation Area
	Existing Waste Site		

Mineral Safeguarding Areas

	Brickclay Safeguarding Areas		Limestone Safeguarding Areas
	Chalk Safeguarding Areas		Sand & Gravel Safeguarding Areas

Additional Features

	European Designations (Special Protection Areas, Special Areas of Conservation & Ramsars)		Rights of Way
	National Designations (Sites of Special Scientific Interest)		Major Roads
	Local Designations (County & City Wildlife Sites & Local Nature Reserves)		Area Beyond Plan Boundary
			Scheduled Ancient Monuments

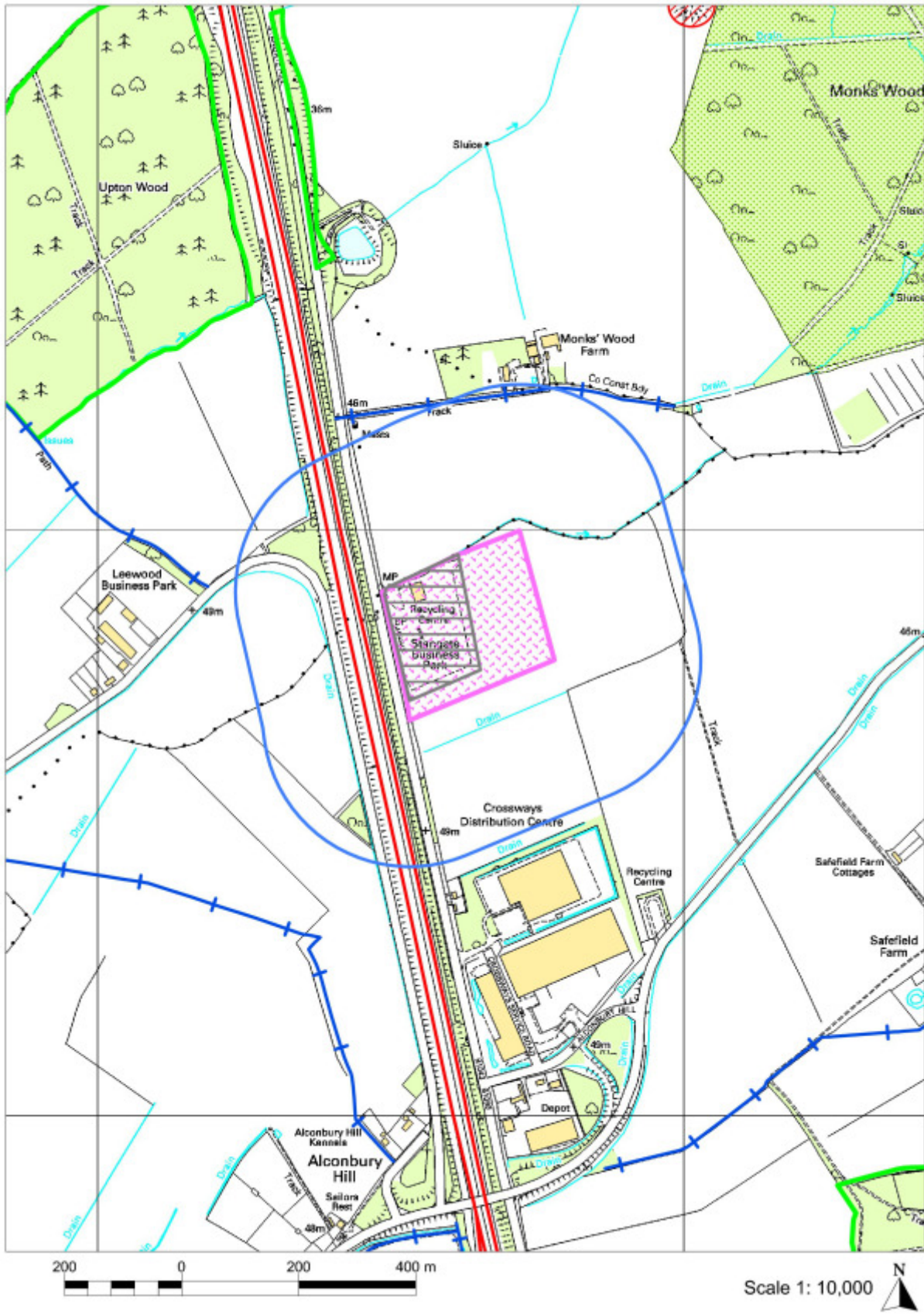
8.1 Waste Recycling and Recovery Facilities (Non-Landfill) Site Profiles

Waste Management Allocations

Policy Ref	Site Name	Proposal Map Inset No:
W1A	Adjacent A1, Alconbury	41
W1B	Alconbury Airfield, Alconbury	42
W1C	Algores Way, Wisbech	43
W1D	Brookfield Business Park, Cottenham	44
W1E	Cambridge East	45
W1F	Cambridge Northern Fringe	46
W1G	Cow Lane, Godmanchester	47
W1H	Cross Leys Quarry, Wittering	48
W1I	Dogstrophe (combined), Former Brickworks	49
W1J	Envar, Woodhurst	50
W1K	Extension of Waste Management Park, Waterbeach	51
W1L	Great Wilbraham Quarry, Great Wilbraham	52
W1M	Grunty Fen, Wilburton	53
W1N	Hampton, Peterborough	54
W1O	Kings Dyke Brickpits, Whittlesey	55
W1P	March Trading Park, March	56
W1Q	Maxey East, Maxey	57
W1R	Melbourne Avenue, March	58
W1S	Needingworth Quarry, Needingworth	59
W1T	Northstowe	60
W1U	Northstowe Area 2	61
W1V	Puddock Hill, Warboys	62
W1W	Saxon Brickpits, Whittlesey	63
W1X	South of Addenbrookes Access Road	64
W1Y	Station Farm, Buckden	65
W1Z	Station Road, Fordham	66
W1AA	Storey's Bar Road	67
W1AB	The Carrops, Red Lodge Recycling and Transfer Station	68
W1AC	Thornhaugh II , Thornhaugh	69
W1AD	Thornhaugh II B, Bullimore's, Thornhaugh	70
W1AE	Warboys Industrial Estate	71
W1AF	West of Peterborough	72
W1AG	Whitemoor, March	73
W1AH	Woolpack Farm	74
W1AI	Woolpack Farm, Hilton Road	75

8.1 A Site Profile and map for each of the above allocations follows.

8.1.1 SSP W1A - Adjacent to A1, Alconbury (SSP W8A)



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Summary

Site Name	Adjacent to A1, Alconbury
Description of Proposed Use	Waste Recycling and Recovery. Potential uses include: <ul style="list-style-type: none"> • Materials Recovery Facility • In Vessel Composting • Inert Waste Processing • Suitable new waste management technologies
Area	5.9 (ha)
Approximate Timescale	Dependent on demand and market forces.
District	Huntingdonshire
Parish	Alconbury Weston
Grid Ref	TL 186 788

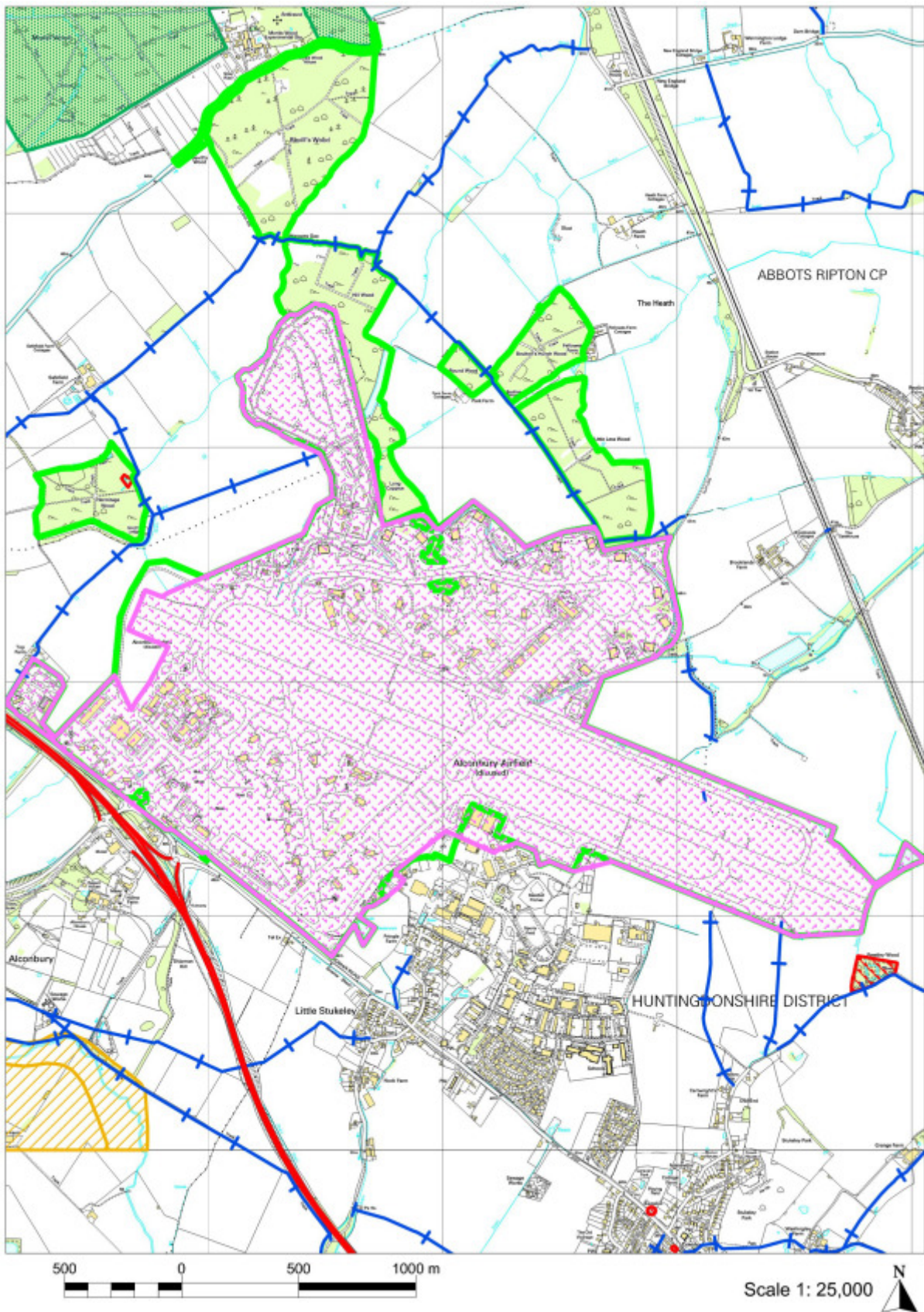
Site Characteristics

- Site has good access to the primary highways network via the former A1
- Approximately half of the site already has planning permission for a waste transfer station
- Site is proximate to Huntingdonshire District Councils waste arisings
- Existing site is well screened
- A small settlement is situated before Upton, 450m west of the site and Upton is situated 800m west of the site
- Sensitive receptors within 300 metres

Implementation Issues

- 8.2** Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.
- 8.3** However, the following will need to be addressed within a planning application:
- Access only via existing site
 - Significant landscaping required
 - Ecological evaluation needed with mitigation as necessary
 - Noise attenuation for any 24hr working.
 - Mitigation of noise, dust and composting emissions

8.1.2 SSP W1B - Alconbury Airfield, Alconbury (SSP W8B)



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Summary

Site Name	Alconbury Airfield, Alconbury
Description of Proposed Use	Waste Recycling and Recovery. Potential uses include: <ul style="list-style-type: none"> • Materials Recovery Facility • In Vessel Composting • Inert Waste Recycling • Suitable New Waste Management Facility
Area	396.7 ha
Approximate Timescale	Dependent on demand and market forces.
District	Huntingdonshire
Parish	Alconbury, The Stukeleys and Abbots Ripton
Grid Ref	TL 211 767

Site Characteristics

- Former military airfield
- Potential for disused runways / hardstandings / shelters to be recycled
- Within the airport fly path zone and close to Little Stukeley

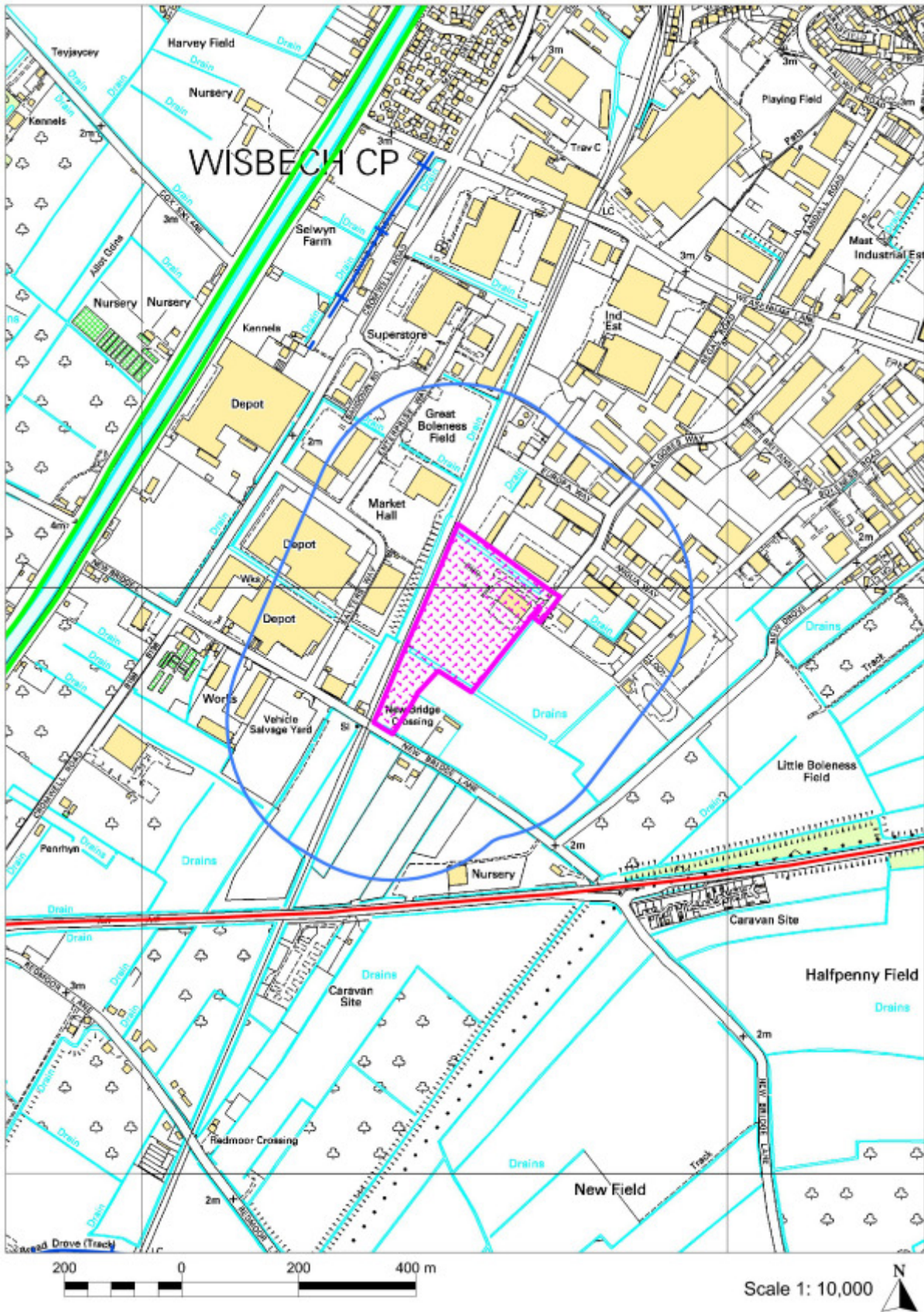
Implementation Issues

8.4 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.5 However, the following will need to be addressed within a planning application:

- Pollution control measures will be required to protect amenity
- Any contaminated land will have to be treated
- Controls over HCV access and routing
- Any emissions associated with open composting will require risk assessment.
- Consideration of any historic features / environment
- Impact, mitigation, compensatory measures required for any impact on biodiversity

8.1.3 SSP W1C - Algores Way, Wisbech (SSP W8D)



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Summary

Site Name	Algores Way, Wisbech
Description of Proposed Use	Waste Recycling and Recovery. Potential uses include: <ul style="list-style-type: none"> • Materials Recovery Facility • In Vessel Composting • Inert Waste Management Uses • Suitable new Waste Management Uses
Area	4.45 (ha)
Approximate Timescale	Dependent on market forces and demand
District	Fenland
Parish	Wisbech
Grid Ref	TF 455 079

Site Characteristics

- The site is located within an existing industrial estate with an established use of waste management use.
- The existing industrial estate is designed to cater for HCV Traffic
- Existing woodland planting to southeast and bunding softens views
- No known archaeological sites within the area.
- Site currently utilises well established highway network to gain access to the industrial estate
- Protected species within the vicinity

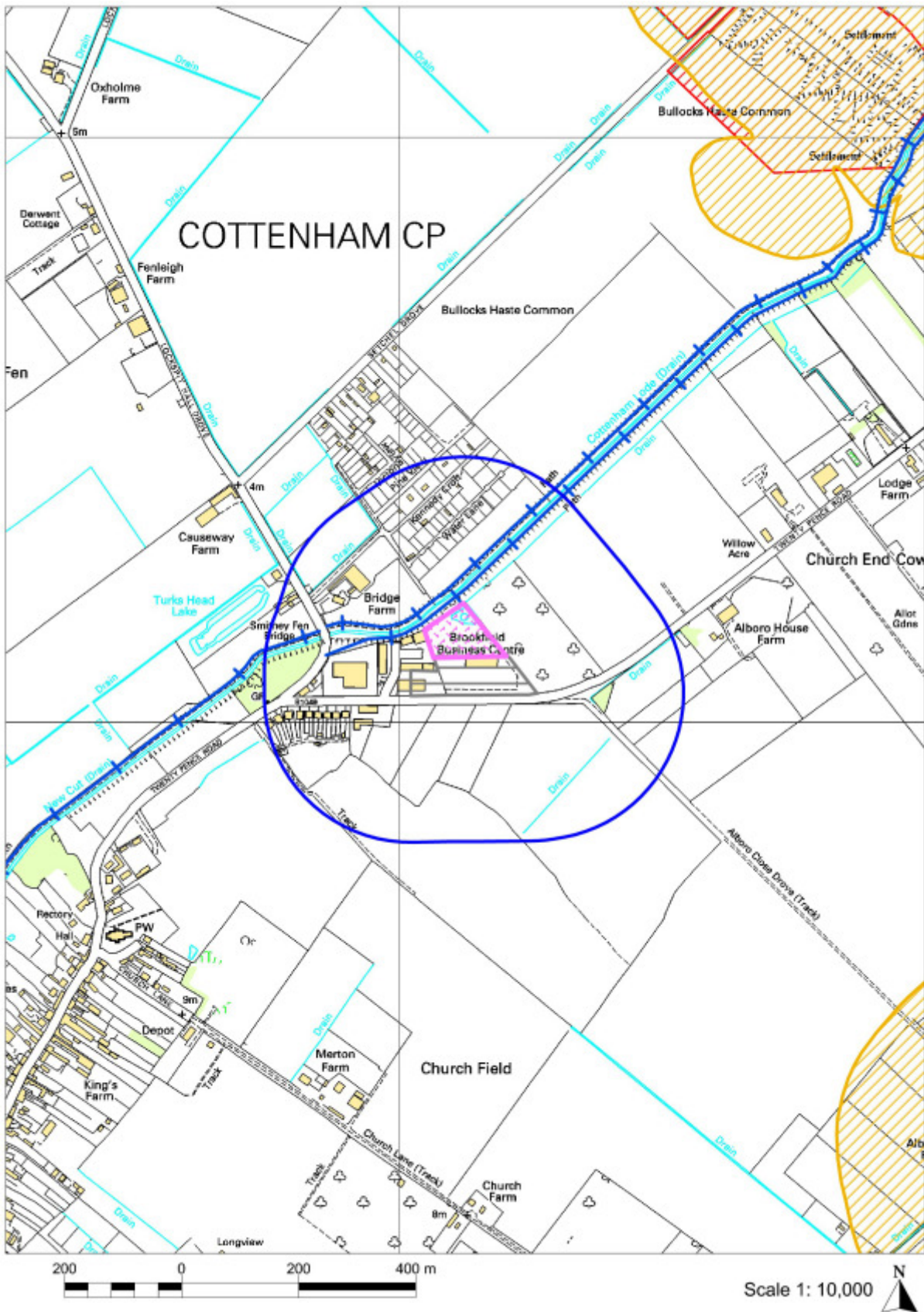
Implementation Issues

8.6 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.7 However, the following will need to be addressed within a planning application:

- Protected species – surveying will be required.
- The site consists of hard standing – subject to satisfactory flood risk mitigation this site is suitable for additional waste management uses.
- In respect of in vessel composting a bio aerosol risk assessment will be necessary to examine impacts on surrounding uses
- Traffic assessment

8.1.4 SSP W1D - Brookfield Business Park, Cottenham (SSP W8F)



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Summary

Site Name	Cottenham Business Centre, Cottenham
Description of Proposed Use	Waste Recycling and Recovery Potential uses include: <ul style="list-style-type: none"> • Specialist • Suitable new waste management technologies
Area	1 (ha)
Approximate Timescale	This operation is already in existence although any expansion to the site is dependent on demand and market forces.
District	South Cambridgeshire
Parish	Cottenham
Grid Ref	TL 461 691

Site Characteristics

- Site is located on an existing industrial park
- Adjacent land already has planning permission for a waste use
- The area shown above is a proposed extension adjacent to the existing waste site

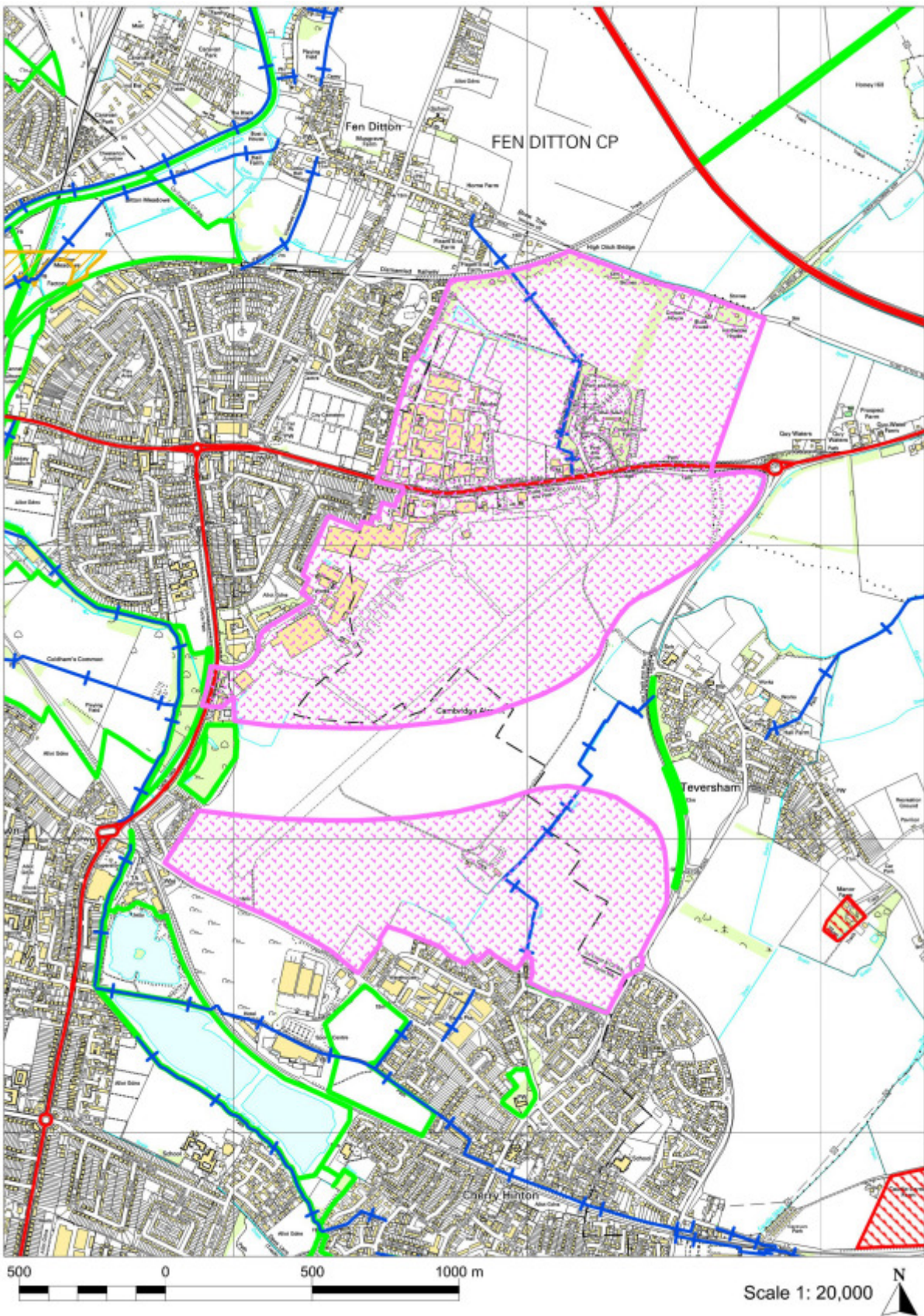
Implementation Issues

8.8 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.9 However, the following will need to be addressed within a planning application:

- Pollution control measures required
- Ecological evaluation
- Additional landscaping/treatments to mitigate visual impact
- Minimise impacts of HCV
- Flood Risk Assessment mitigation

8.1.5 SSP W1E - Cambridge East (SSP W8G)



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Summary

Site Name	Cambridge East (Area of Search)
Description of Proposed Use	Waste Recycling and Recovery. Potential uses include: <ul style="list-style-type: none"> • Recycling Facility • Household Recycling Centre • Temporary Inert Waste Recycling • Suitable New Waste Management Technologies • Materials Recovery Facility
Area	255.9 ha
Approximate Timescale	The proposed facilities are dependent on the redevelopment of Cambridge East.
District	South Cambridgeshire
Parish	Non-Parished Area, Teverham, Fen Ditton
Grid Ref	TL 483 585

Site Characteristics
<ul style="list-style-type: none"> • The site is currently in use as an airport, although long term plans are looking to relocate Marshalls Airport and use the land for redevelopment • Part of the site is located within the Cambridge green belt • Close to residential areas of Cambridge • Rights of ways run through the area of search • Situated above a major aquifer • Close to Teversham and Fen Ditton Conservation Areas • Archaeological potential

Implementation Issues

8.10 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.11 However, the following will need to be addressed within a planning application for:

Household Recycling Facility

- All new Household Recycling Centres, including this one, will be required to be of a high standard in their design and operation in order to minimise any adverse effects on the environment or local community. This will entail waste operations being enclosed within a building with appropriate mitigation measures including dust / odour suppression
- Consideration will need to be given to the best location for the Recycling Centre within the area of search, having regard to the need to be accessible by new and existing communities, and to compatibility with adjoining uses. This will be determined through the master planning of this area. Consideration should also be given to the potential for co-location with other allocated waste management use i.e. for a Materials Recovery Facility. This may reduce the land take required, and enable synergies in waste management practises to be exploited
- Some landscaping / mitigation works may also be required, the extent of these will be dependant on the final location of the Recycling Centre
- Car and lorry movements should be segregated which is a matter for detailed design

- Rights of Way matters including potential diversion compensation for existing Rights of Way which may be adversely affected
- Proposal must be consistent with "The Location & Design of Waste Management Facilities" Supplementary Planning Document.

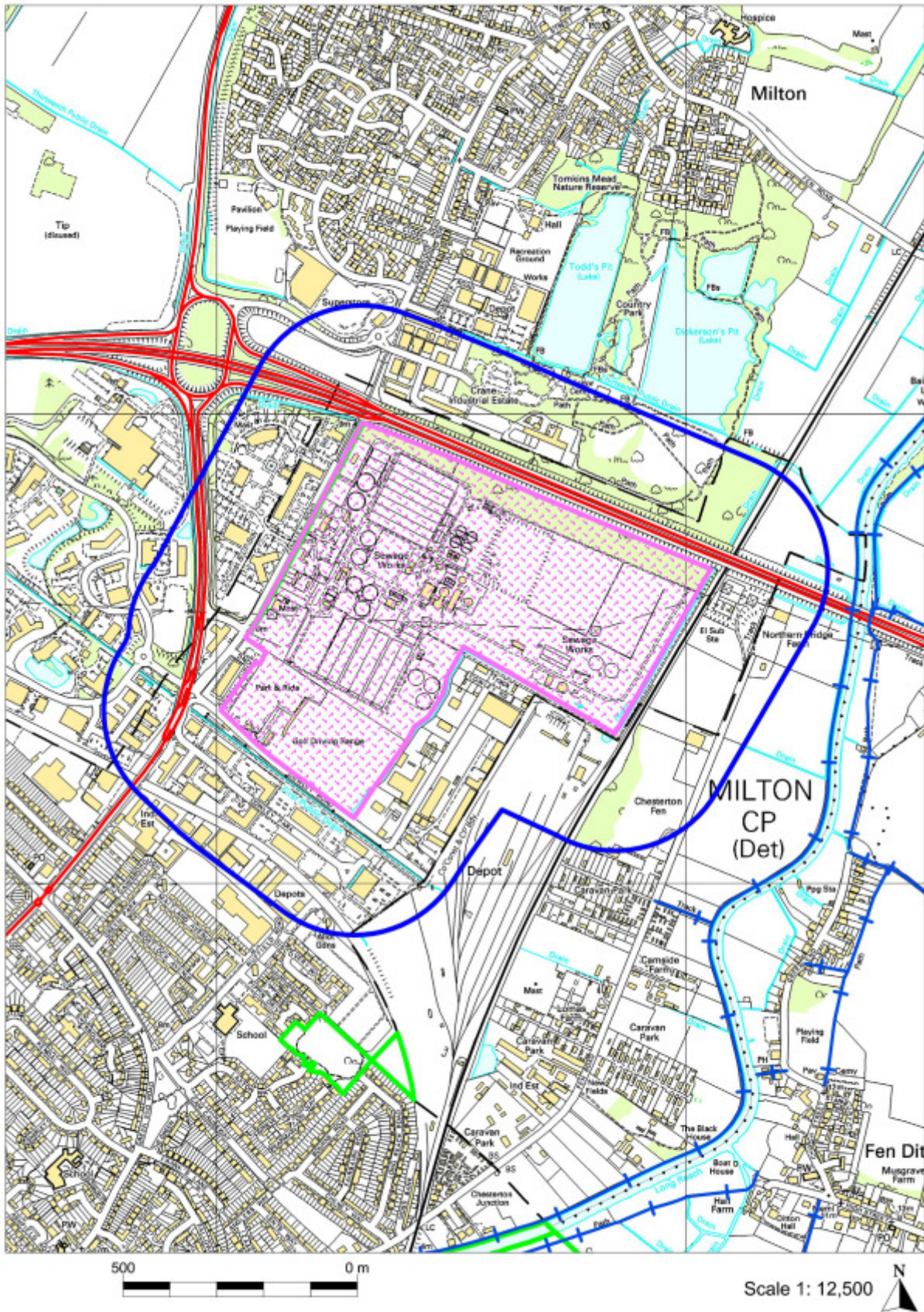
Materials Recovery Facility

- The new materials recovery facility will be required to be of a high standard in their design and operation in order to minimise any adverse effects on the environment or local community. This will entail waste operations being enclosed within a building with appropriate mitigation measures including pollution control / dust / odour suppression.
- Consideration will need to be given to the best location for the facility within the area of search, having regard to adjoining uses. This will be determined through the master planning of this area. Consideration should also be given to the potential for co-location with other allocated waste management use i.e. local recycling centre. This may reduce the land take required, and enable synergies in waste management practices to be exploited.
- Some landscaping / mitigation works may also be required, the extent of these will be dependant on the final location of the recycling and recovery facility.
- The facility should be located in a position which will facilitate vehicular access, and avoid lorry movements through existing and planned residential areas.
- Facility location should not adversely affect setting of the Grade II Listed Building.
- Proposal must be consistent with "The Location & Design of Waste Management Facilities" Supplementary Planning Document.

Temporary Construction Waste Recycling and Recovery Facility

- A waste management audit and strategy must be included in the planning application, and demonstrate that proposals have been incorporated to drive waste management up the waste hierarchy.
- A temporary waste management facility must be in place throughout the construction phases of Cambridge East to maximise the re-use, recovery and recycling of inert and sustainable construction waste stream.
- The location of the temporary waste management facility should be determined through the master planning process for Cambridge East.
- Suitable access for lorry movements should be provided, avoiding the need to pass through residential areas to access the primary highway network.
- Catchment area restrictions.
- Proposal must be consistent with "The Location & Design of Waste Management Facilities" Supplementary Planning Document.

8.1.6 SSP W1F - Cambridge Northern Fringe (SSP W8H)



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Summary

Site Name	Cambridge Northern Fringe (Area of Search)
Description of Proposed Use	Waste Recycling and Recovery. Potential uses include: <ul style="list-style-type: none"> • Household Recycling Centre • Inert Waste Recycling • Suitable new waste management technologies
Area	44.5 (ha)
Approximate Timescale	This Household Recycling Centre may come on stream around 2012 as a replacement for Milton.
District	Cambridge City
Parish	Non Parished Area
Grid Ref	TL 474 617

Site Characteristics

- This area of search is located on an industrial / employment area of Cambridge and includes the Cambridge Waste Water Treatment Works.
- The site is adjacent to the A14 and across from the A10 giving good access routes to the area of search.
- Brownfield land.
- Area of search is surrounded by sensitive receptors (namely employment areas and residential settlements) that would need to be taken into account.
- Area of search within flood zones 2 and 3.
- Situated in an area of archaeological potential.
- Adjacent to the Cambridge Green Belt and close to the Fen Ditton Conservation Area.
- Part of the land has temporary planning permission as a Waste Transfer Station.

Implementation Issues

8.12 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.13 However, the following will need to be addressed within a :

8.14 Household Recycling Centre planning application

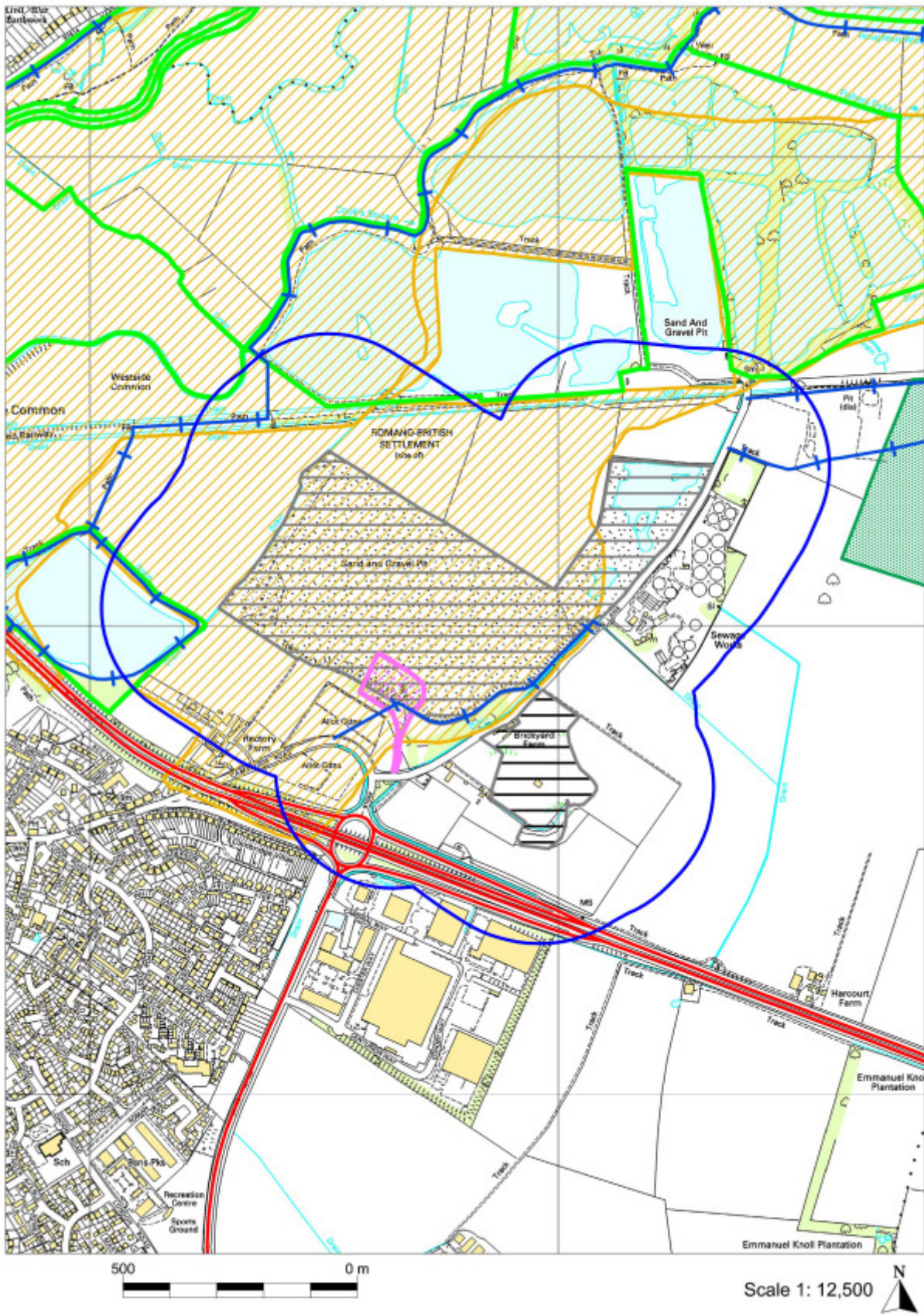
- All new Household Recycling Centres, including this one, will be required to be of a high standard in their design and operation in order to minimise any adverse effects on the environment or local community.
- Appropriate mitigation measures including pollution control/dust/odour suppression.
- Prior to submission of a planning application consideration will need to be given to the best location for the Recycling Centre within the area of search, having regard to the need to be accessible by new and existing communities, and to compatibility with adjoining uses.
- Some landscaping / mitigation works may also be required, the extent of which will be dependant upon the final location of the Recycling Centre
- Car and lorry access will need to be segregated which is a matter for detailed design

- Potential need for Flood Risk Assessment
- Proposal must be consistent with "The Location & Design of Waste Management Facilities" Supplementary Planning Document.

8.15 Inert Waste Recycling / Transfer

- Access for HCV may be constrained during peak periods
- Noise and dust mitigation will be required
- Part of the process (eg. sorting) should be carried out in a building to minimise impact.

8.1.7 SSP W1G - Cow Lane, Godmanchester (SSP W5N)



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Summary

Site Name	Cow Lane, Godmanchester
Description of Proposed Use	Waste Recycling and Recovery. Potential uses include: <ul style="list-style-type: none"> • Material Recovery Facility
Area	1.2 (ha)
Approximate Timescale	Dependent on demand and market forces.
District	Huntingdonshire
Parish	Godmanchester
Grid Ref	TL 256 708

Site Characteristics
<ul style="list-style-type: none"> • Site already has permission for waste uses (landfill) • Sensitive receptors nearby including housing and allotments • Site within Flood Risk Zone 3 • Site close to Portholme SAC • Need to consider ecology as site is also close to a SSSI and County Wildlife Site • Site is within Source Protection Zone 3 • A footpath crosses the site • Site constrained by existing gassing landfill site

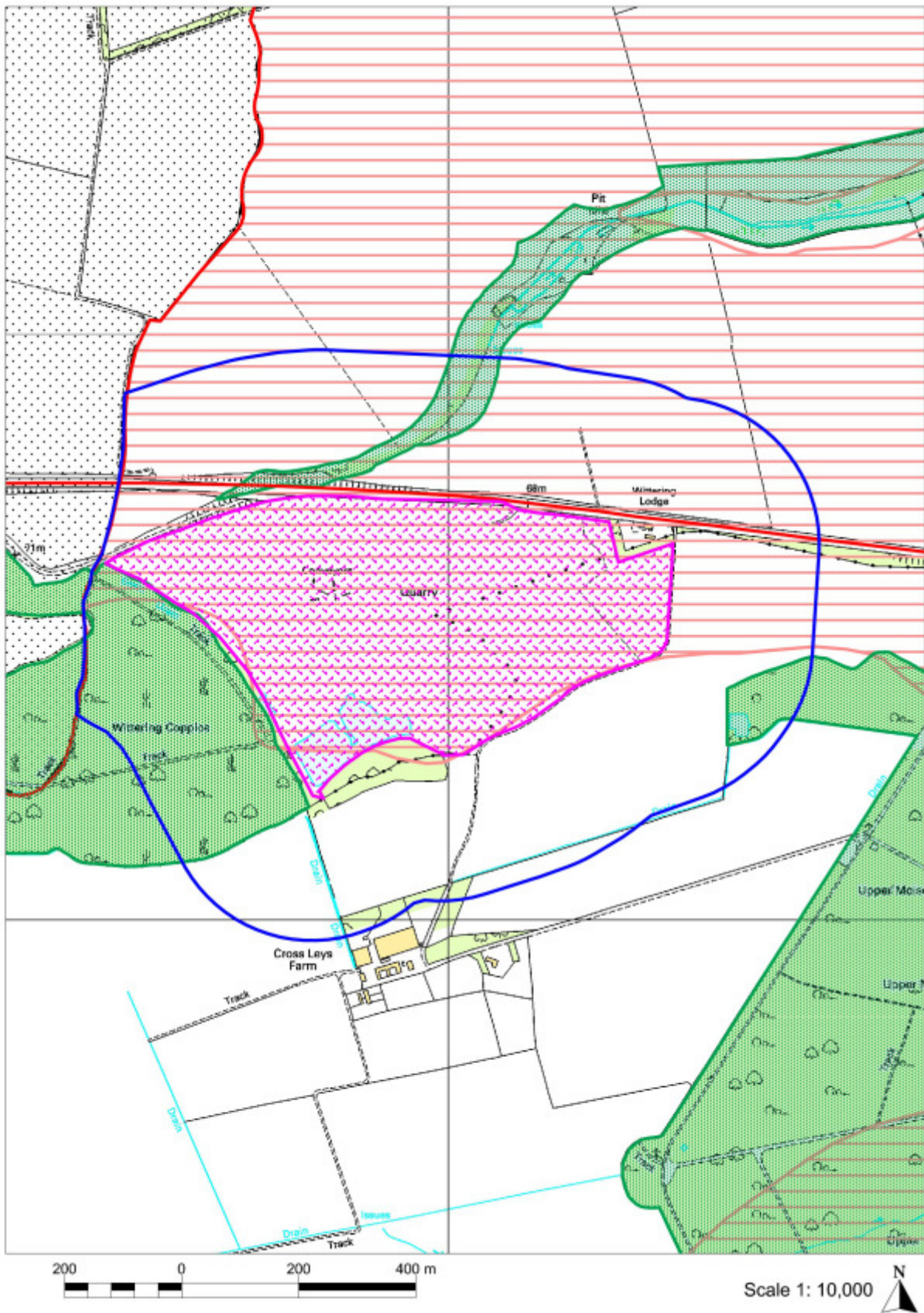
Implementation Issues

8.16 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.17 However, the following will need to be addressed within a planning application:

- Design of building should accord with "The Location & Design of Waste Management Facilities" Supplementary Planning Document.
- Permanent landscaping will be required
- Mitigation for flood risk
- Noise and dust emission mitigation required
- Pollution control measures required
- Traffic routeing to avoid Godmanchester

8.1.8 SSP W1H - Cross Leys Quarry, Wittering (SSP W2C; SSP W8P)



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Summary

Site Name	Cross Leys
Description of Proposed Use	Waste Management
Type	Inert landfill
Area	29.3 ha
Approximate Timescale	From 2010 onwards
District	Peterborough
Location Details	Quarry is situated on southern side of the A47 , to the west of Bedford Purlieus.
Grid Ref	TL 048 999

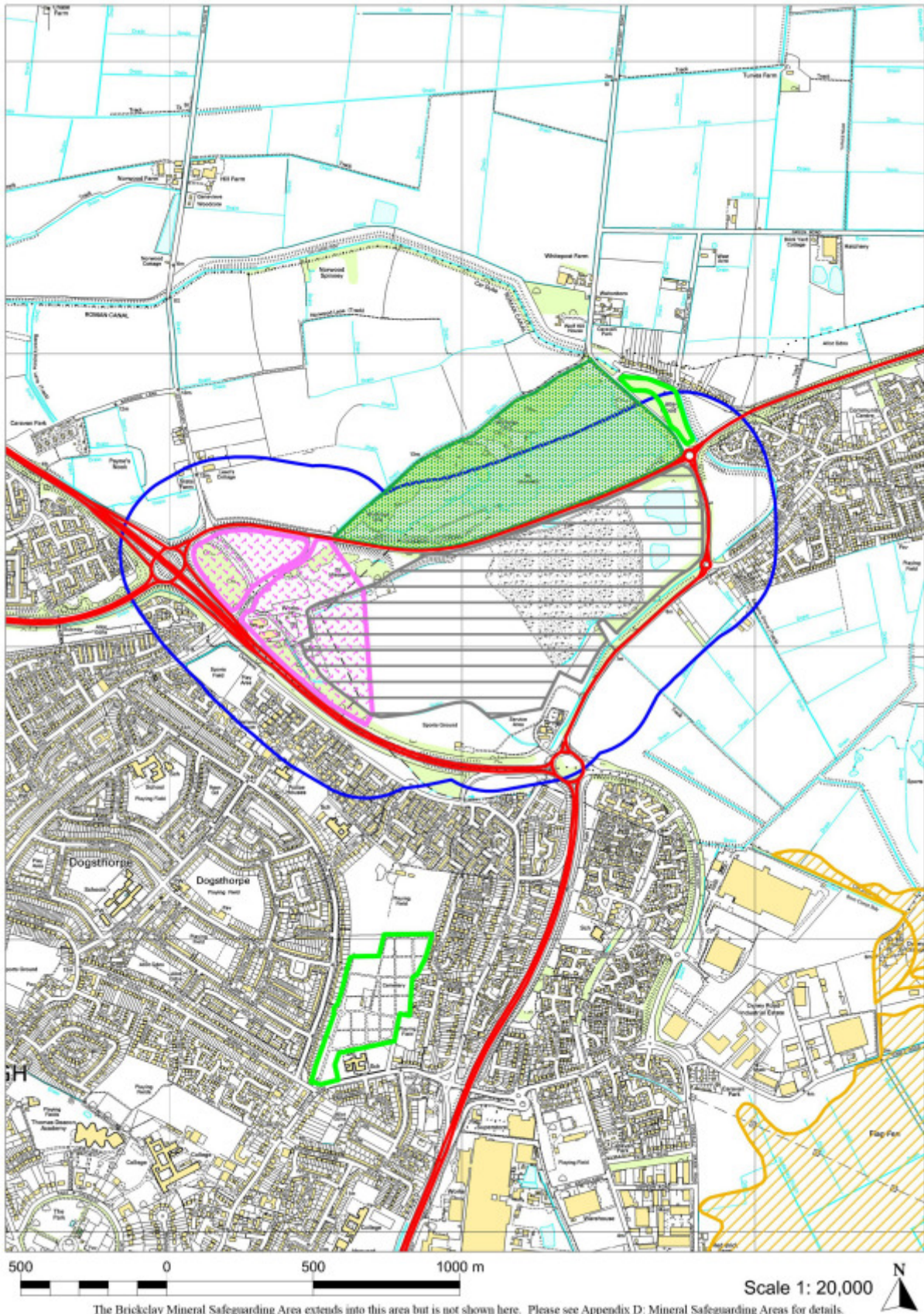
Site Characteristics

- Former ironstone quarry. Limestone originally thrown back as waste has been quarried.
- Landfill with various wastes has already taken place in northern part of site abutting A47 and by a pipeline crossing the site.
- Site is close to Bedford Purlieus SSSI and adjacent to a county wildlife site at Wittering Woods
- A county wildlife site, with a population of Great Crested Newts, abuts the western boundary of the area proposed for landfill.
- Site is over a major aquifer
- Site is directly accessed off the A47 Leicester Road

Implementation Issues

- 8.18** Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.
- 8.19** However, the following are particular issues that will need to be addressed within a planning application for this site:
- The highway authority will need to be satisfied that traffic generated by development of this site would not be detrimental to the safe and free-flow of traffic on this part of the A47
 - Access improvement may be required to accommodate any increase in traffic as a result of the development of this site through the existing access.
 - A hydrological assessment will be required
 - An assessment is required of the potential impact on the adjacent county wildlife site
 - An assessment is required to ensure that any landfilling does not adversely impact on the nearby SSSI, Bedford Purlieus
 - Measures should be put in place to recycle inert waste prior to landfilling residues.
 - It is likely that surveys will need to be undertaken for the presence or otherwise of Great Crested Newts.

8.1.9 SSP W11 - Dogsthorpe (cmb), Former Brickworks (SSP W8R)



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Summary

Site Name	Former Dogsthorpe Brickworks, Dogsthorpe
Description of Proposed Use	Major Waste Management Development
Type	New technologies, household recycling site, waste transfer, inert waste recycling
Area	21.7 (ha)
Approximate Timescale	Waste management development and possible relocation of existing Household Recycling Centre 2009 onwards.
District	Peterborough
Grid Ref	TF 205 020

Site Characteristics

- Most of the former brickworks site at Dogsthorpe has been used for the deposit of household waste. However, some areas which have not been landfilled and built development for the sorting, recycling or processing of waste is proposed here.
- Well located to Peterborough and sources of waste.
- Well located to primary road network
- Potential to accommodate a range of waste management uses
- May be some ground stability and contamination issues because of the use of the former brickpits for the disposal of putrescible waste.
- May be linkages in early years between the existing landfill and emerging waste management development.
- Putrescible landfill on adjacent land to the east of site allocation until at least 2013.

Implementation Issues:

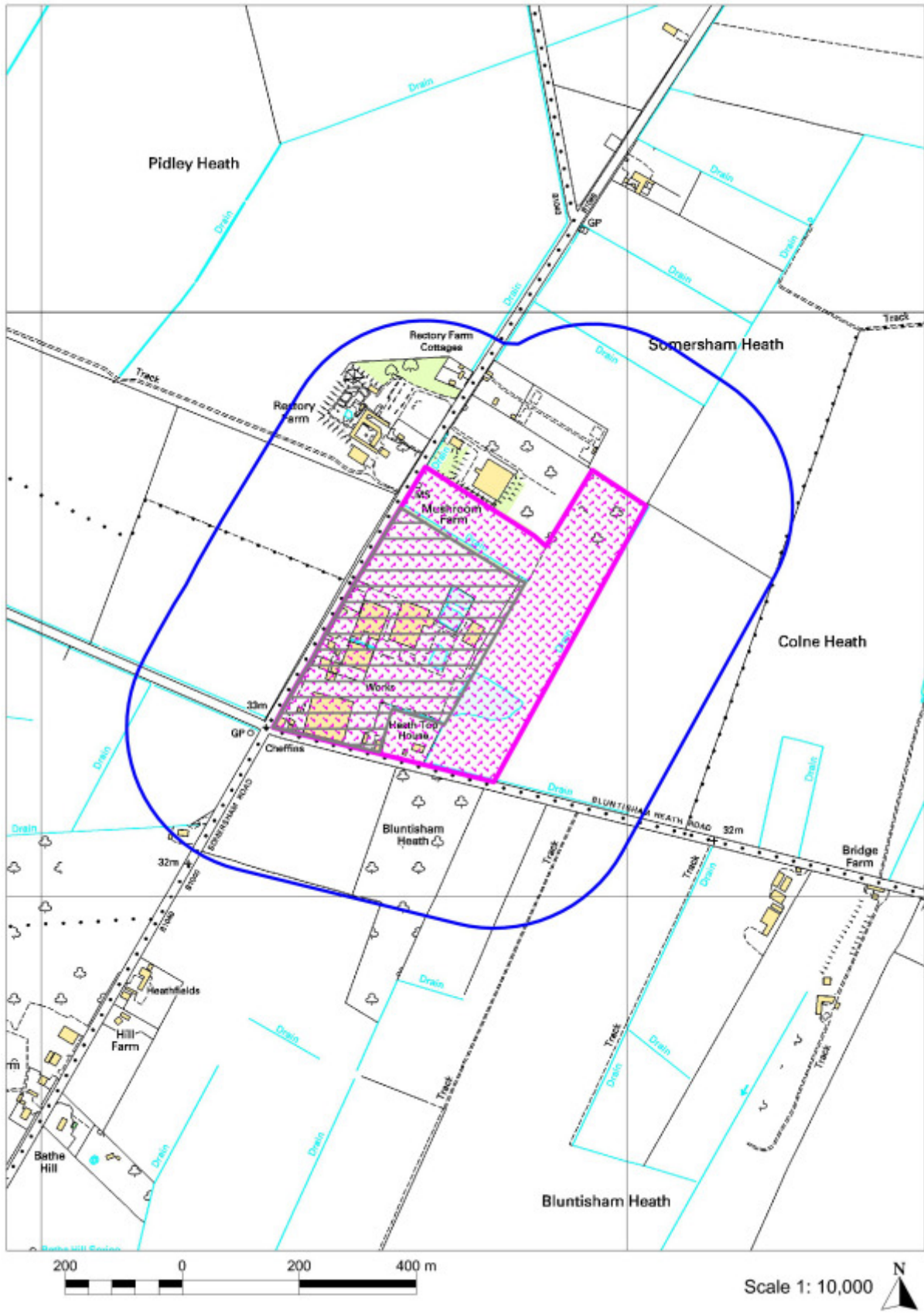
8.20 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.21 The following will need to be addressed within a planning application:

- A traffic assessment will be required to ensure that the junction of Welland Road with the A47 can accommodate anticipated traffic levels
- Potential need for traffic calming on Welland Road south of the site when the A1073 proposals are implemented
- Any waste management development will need to take into account the proximity of housing permitted in principle to the north east of the allocation and that already built to the south of Paston Parkway.
- Any dust, odour, noise, litter, light pollution and vermin issues must be identified and addressed to ensure that any potential amenity or health impacts are effectively mitigated and minimised by good design and enclosure of facilities
- New waste management development including a Household Recycling Centre should be enclosed to reduce the likelihood of impact on the surrounding area
- Waste management development should be well screened to limit views from residential areas

- Opportunity should be taken to co-locate waste management development when practicable
- Consideration will need to be given to the proximity of Star Pit SSSI and the potential need for an Appropriate Assessment

8.1.10 SSP W1J - Envar, Woodhurst (SSP W8U)



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Summary

Site Name	Envar, Woodhurst
Description of Proposed Use	Waste Recycling and Recovery Facility. Composting windrow and In Vessel
Area	18.5 (ha)
Approximate Timescale	Existing site expansion dependant on demand and market conditions
District	Huntingdonshire
Parish	Somersham,
Grid Ref	TL 337 755

Site Characteristics

- Site is currently in waste management use for composting
- Within airport safeguarding areas for Cambridge, Wyton and Alconbury
- Grade 2 agricultural land
- Sensitive receptors (residential on southern boundary and raptor centre on north west boundary)

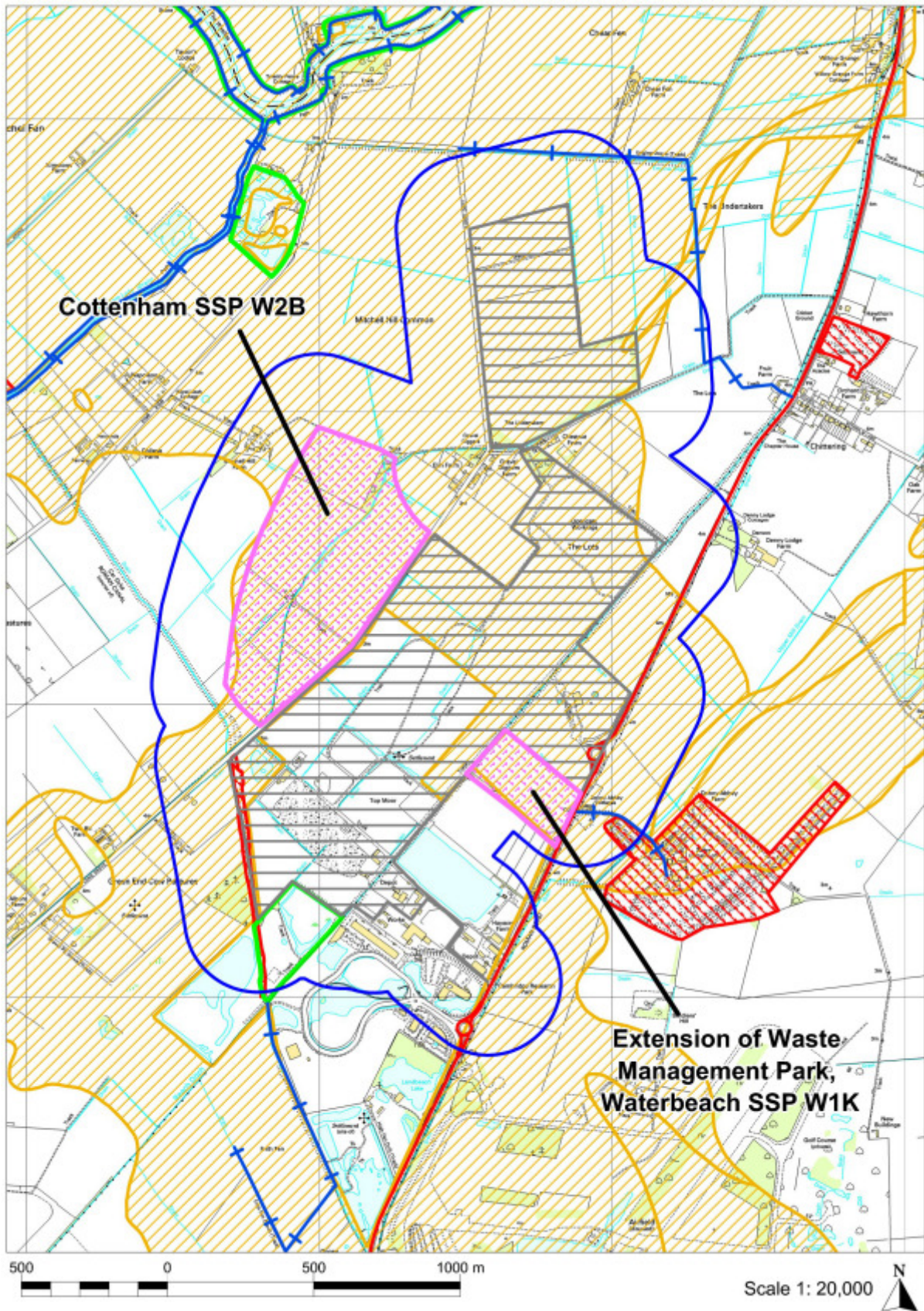
Implementation Issues:

8.22 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.23 The following will need to be addressed within a planning application:

- road improvements to deal with increased vehicular movements are required at the nearby crossroads at the B1050 to address safety concerns
- due to proximity of sensitive receptors (house on southern boundary and house and raptor centre on north western boundary) controls over odour emissions will be necessary. In vessel composting may address this issue.
- vehicular access arrangements require improvements to secure road safety objectives
- airport safeguarding constraints may limit the height of buildings / plant that can be erected on this site, including height of exhaust stacks.
- boundary landscaping would benefit from enhancement particularly on the eastern and northern boundary

8.1.11 SSP W1K - Extension of Waste Management Park, Waterbeach (SSP W8W)



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Summary

Site Name	Extension of Waste Management Park, Waterbeach
Description of Proposed Use	Waste Recycling and Recovery. Potential uses include: <ul style="list-style-type: none"> • Material Recovery Facility • In Vessel Composting • Energy from waste • Inert Waste Recycling • Suitable for new waste management technologies
Type	Recycling Facility; Energy from Waste; Composting and Inert Waste Recycling
Area	7.1 (ha)
Approximate Timescale	Dependent on demand and market forces, although MBT plant will be on line from 2009 and fully operational by 2010 approximately.
District	South Cambridgeshire
Parish	Landbeach
Grid Ref	TL 487 687

Site Characteristics

- This is a proposed extension to the existing waste management park in Waterbeach with land located adjacent to the west and north
- Land in close proximity to sensitive receptors
- The site is adjacent to the following County Wildlife Sites – Landbeach Pits Willow Wood / Beach Ditch and Engine Drain
- The site is within flood zones 2 & 3 and above a major aquifer
- Vehicular access would need to be gained via the roundabout to the Waste Management Park
- Majority of the land is grade 2, so sustainable use of soils will be required

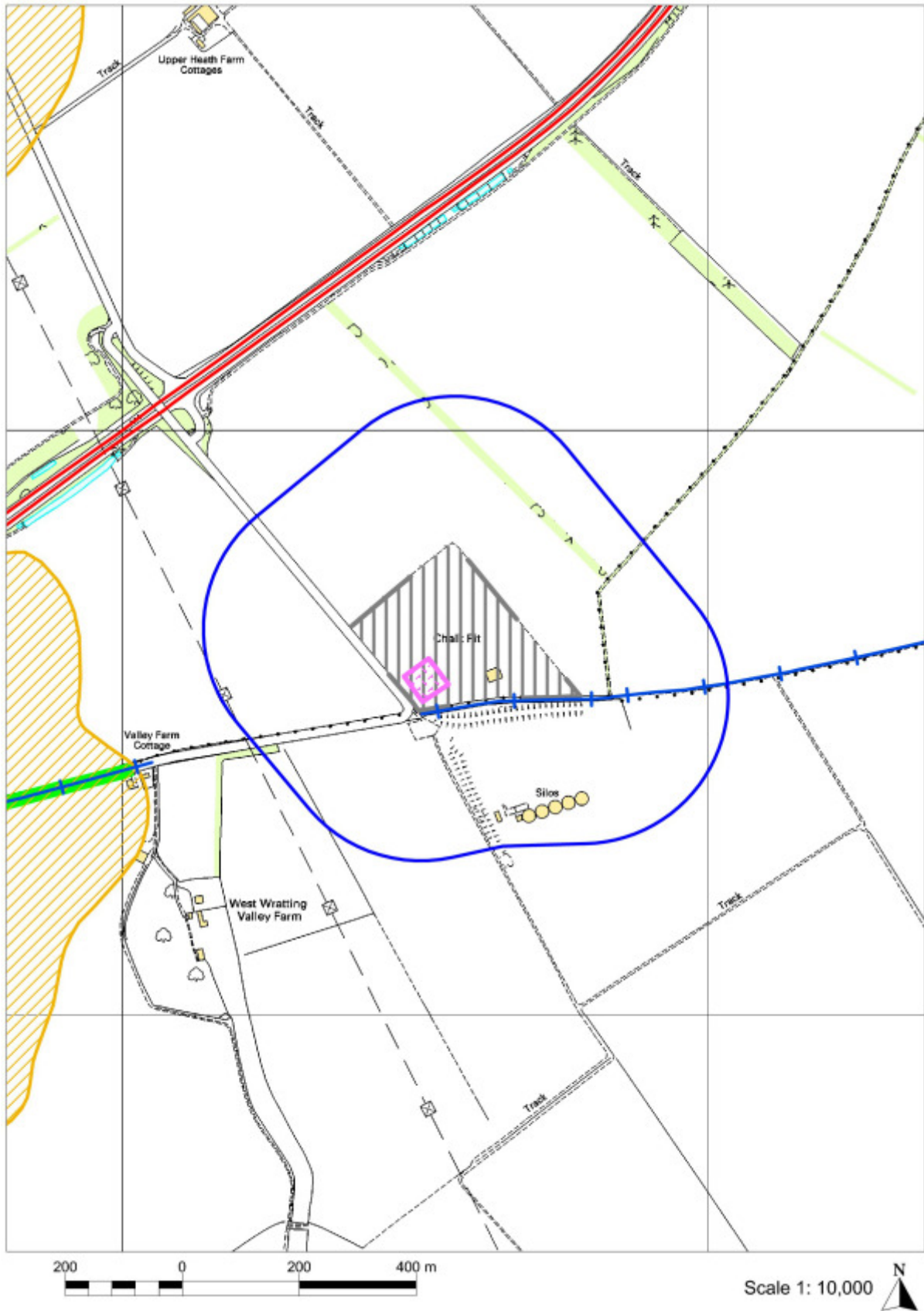
Implementation Issues

8.24 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.25 However, the following will need to be addressed within a planning application:

- Design of buildings/structures should accord with "The Location & Design of Waste Management Facilities" Supplementary Planning Document.
- Access for HCV only from existing roundabout
- Assessments for emissions to air should address topography and local receptors
- Pollution control required
- Noise and dust mitigation required to nearby receptors
- Appropriate mitigation associated with location above major aquifer and flood zone 3
- Consideration of any historic features / environment
- Potential need for Flood Risk Assessment

8.1.12 SSP W1L - Great Wilbraham Quarry, Great Wilbraham (SSP W8AA)



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Summary

Site Name	Great Wilbraham Quarry, Great Wilbraham
Description of Proposed Use	Waste Recycling and Recovery
Type	Inert Waste Recycling
Area	Less than 1 ha
Approximate Timescale	Dependent on demand and market forces.
District	South Cambridgeshire
Parish:	Great Wilbraham
Grid Ref	TL 565 546

Site Characteristics

- This site already has planning permission for inert landfill
- Situated in a highly sensitive chalk aquifer – between two Source Protection Zones

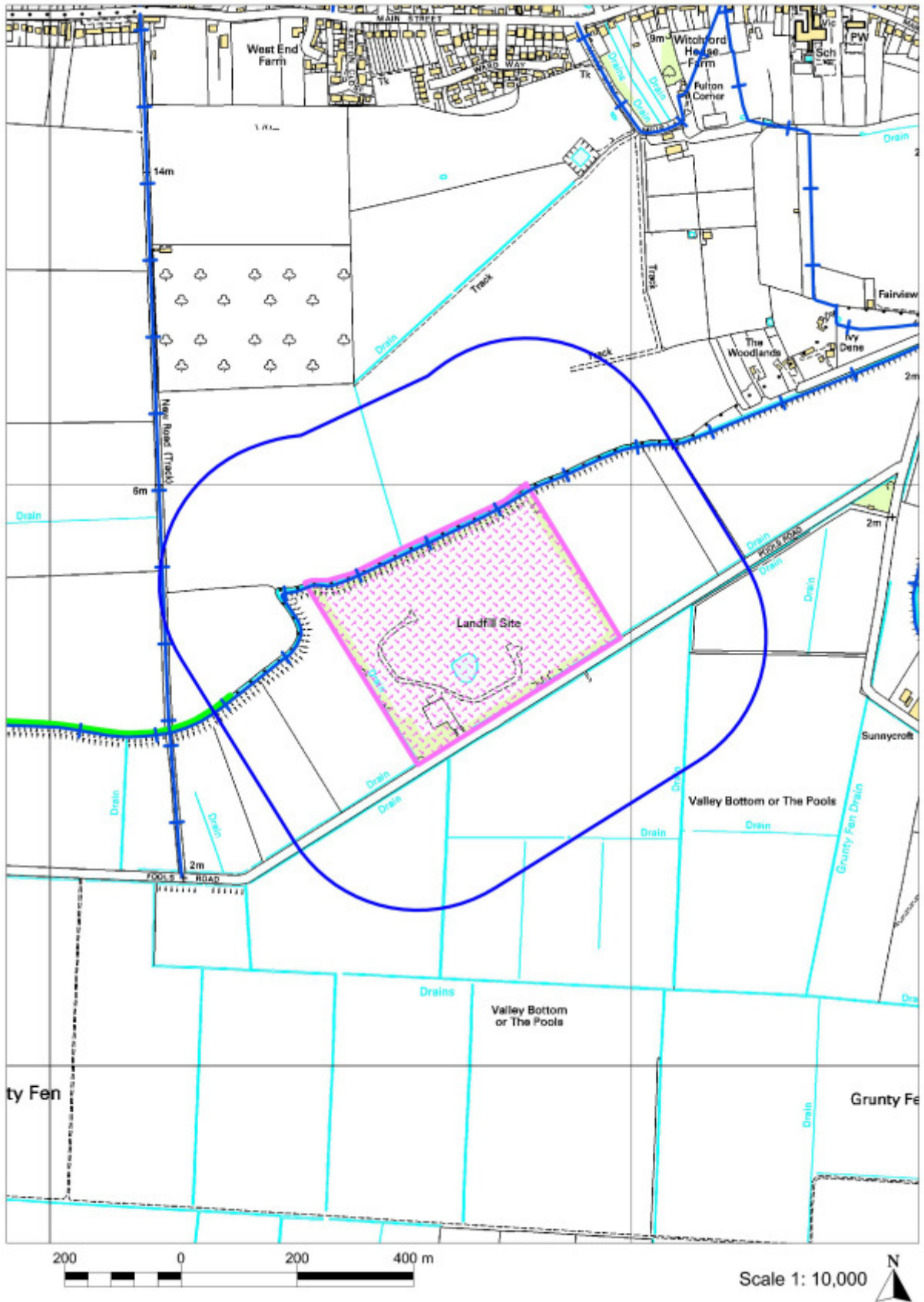
Implementation Issues

8.26 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.27 However, the following will need to be addressed within a planning application:

- Recycling linked to the life of the inert landfill operation.
- The sensitivity of this site in terms of being located above a chalk aquifer. Pollution controls required.
- Restoration proposals should secure the restoration of this chalk quarry in a way which is satisfactory in terms of visual impact and reflects the surrounding form of the landscape in this sensitive site.
- HCV routing agreement.
- Noise and dust mitigation.
- Ecological management of restored land.
- Impact, mitigation, compensatory measures required for impact on biodiversity
- Potential need for Flood Risk Assessment

8.1.13 SSP W1M - Grunty Fen, Wilburton (SSP W4A; SSP W8AB)



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Summary

Site Name	Grunty Fen, Wilburton
Description of Proposed Use	Waste Recycling and Recovery and Landfill
Type	Composting, Inert Waste Recycling and a single landfill cell for Stable Non Reactive Hazardous Waste (SNRHW) Landfill
Area	13.51 ha
Approximate Timescale	Dependent on demand and market forces.
District	East Cambridgeshire
Location Details	Wilburton
Grid Ref	TL 496 778

Site Characteristics

- Site currently has planning permission for non-hazardous landfill and a temporary old style Household Waste Recycling Centre, so is already in a waste use
- Within Flood Risk Zones 2 and 3
- Highways concerns have been raised for this site
- Site has previously had planning permission for composted (temporary consent).

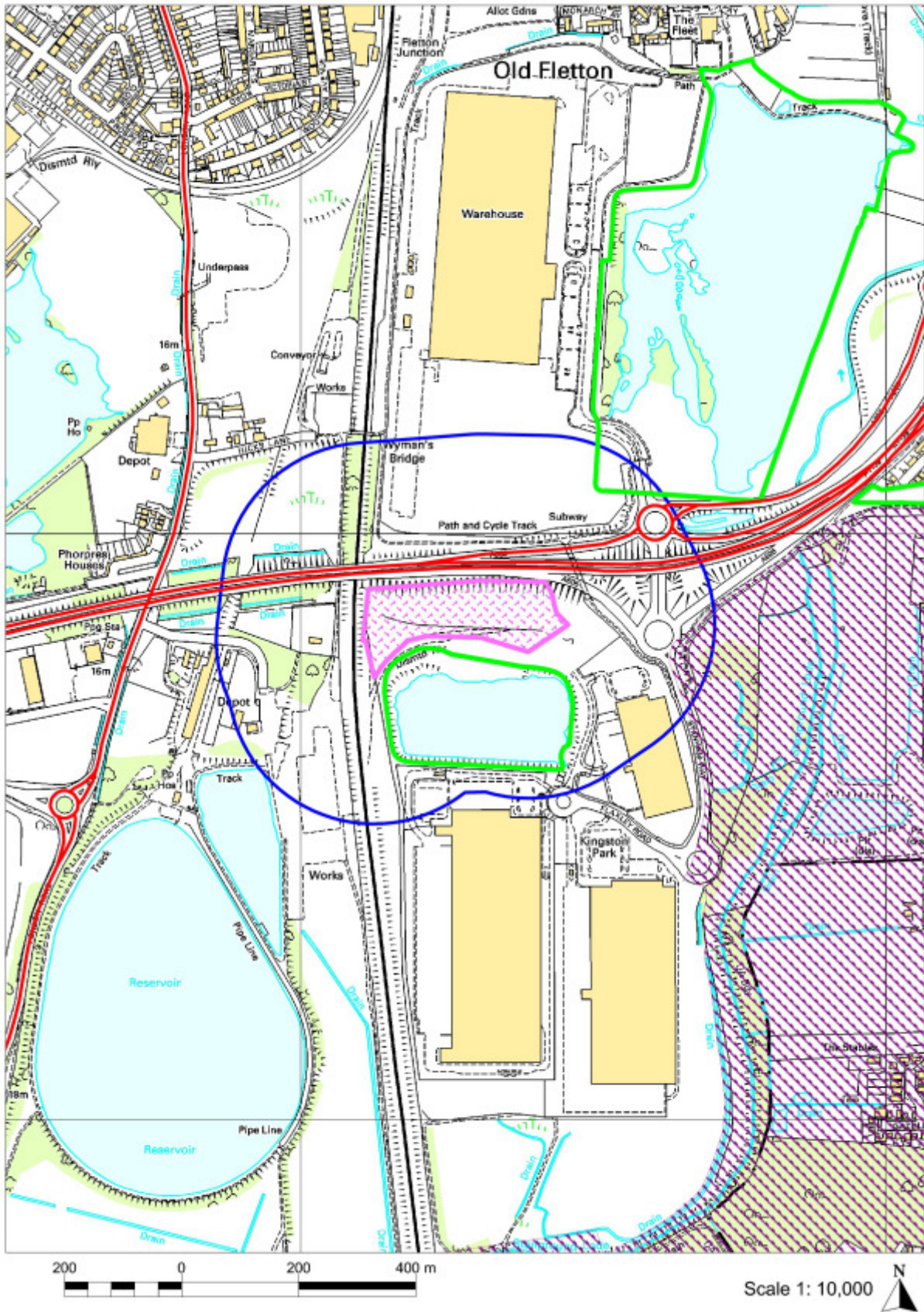
Implementation Issues

8.28 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.29 However, the following will need to be addressed within a planning application:

- Pollution Controls needed
- There will be a need to meet the relevant engineering standards for the construction of a containment cell for stable non-reactive hazardous waste
- Special protocol for handling of SNRHW
- Catchment area restrictions
- Composting emissions to air will need to address topography and local receptors
- Inert recycling and composting will be linked to the life of the existing landfill site
- Noise and dust mitigation will be required.
- Potential need for Flood Risk Assessment
- Rights of Way matters including potential diversion compensation for existing Rights of Way which may be adversely affected

8.1.14 SSP W1N - Hampton, Peterborough (SSP W8AC)



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Summary

Site Name	Hampton, Peterborough
Description of Proposed Use	Waste Management development
Type	Wide range of uses including <ul style="list-style-type: none"> • Mixed Stream Recycling • In Vessel composting • New Waste Management Techniques
Area	3.4 ha
Approximate Timescale	2009-2015
District	Peterborough
Location Details:	East of London Road, South of A1139 (Fletton Parkway)
Grid Ref	TL 193 959

Site Characteristics

- Site is well related to Peterborough
- Potential to accommodate wide range of waste management uses including new technologies
- Site is proximate to current and future development in Hampton
- Well related to primary road network and will connect to the Stanground Bypass
- Housing proposed to north west of site beyond Fletton Parkway and the railway line and proposed playing field provision and residential and commercial development to the west of the site beyond the railway line
- Pumphouse Pit County Wildlife Site lies to the south

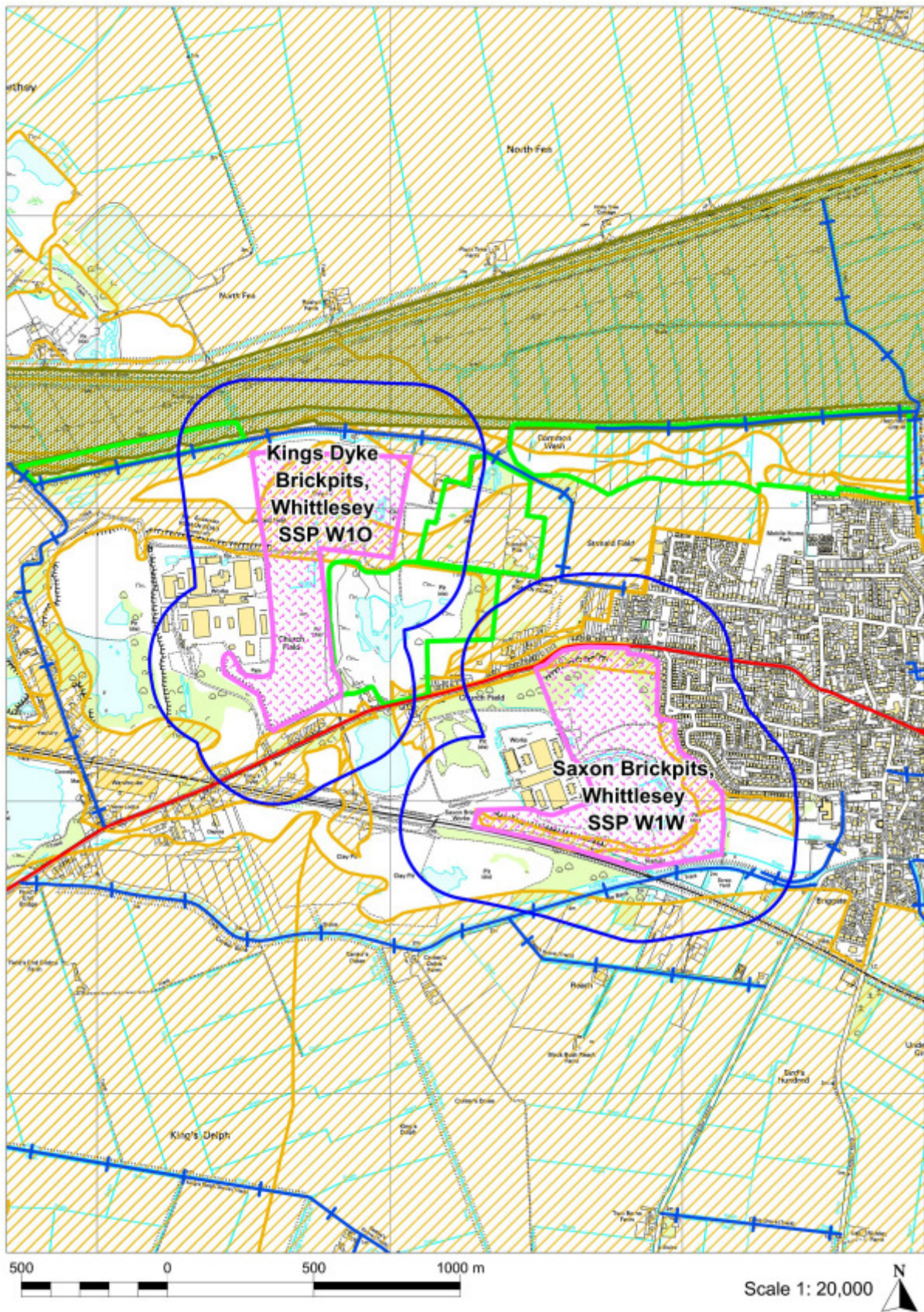
Implementation Issues

8.30 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.31 However, the following will need to be addressed within a planning application:

- Impact on the Pump House Pit County Wildlife site and mitigation provided as necessary
- Bridleway within site needs to either be diverted or incorporated into any layout
- development must ensure that there is no adverse impact on the amenity of the residential development proposed to the north west of the site or on the playing fields proposed to the west beyond the railway line.
- Any development is expected to be enclosed within a building which should be built to a high standard of design in accordance with the 'Design and Location of Waste Management Facilities' Supplementary Planning Document (SPD)
- The site would be expected to be landscaped to screen the building from both the Fletton Parkway and proposed residential development whilst ensuring that this does not prejudice the nature conservation importance of Pump House Pit
- Any HGV traffic associated with the proposal should be routed away from residential areas

8.1.15 SSP W10 - Kings Dyke Brickpits, Whittlesey (SSP W8AG)



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Summary

Site Name	Kings Dyke, Whittlesey (Area of Search)
Description of Proposed Use	Waste Recycling and Recovery: Potential uses include: <ul style="list-style-type: none"> • Waste Recycling • Material Recycling Facility • In Vessel Composting • Inert Waste Recycling • Energy from Waste • Suitable new waste management technologies.
Area	28.9 (ha)
Approximate Timescale	Waste management uses could be developed on those parts of the site during the early part of the Plan period. Other parts of the site may be become available as a result of future rationalisation and developments in relation to brick production.
District	Fenland
Parish	Whittlesey
Grid Ref	TL 247 977

Site Characteristics

- The site lies to the north of the A605 and the March Peterborough Railway
- Immediately to the north are the Nene Washes (SAC/ SPA/ Ramsar)
- The site lies west of Whittlesey and approximately 3.5 km east of Peterborough
- The site is an existing quarry void incorporating the Kings Dyke Brickworks
- The site is located in a flat fen landscape marked by several large industrial developments.
- There is potential for rail access.

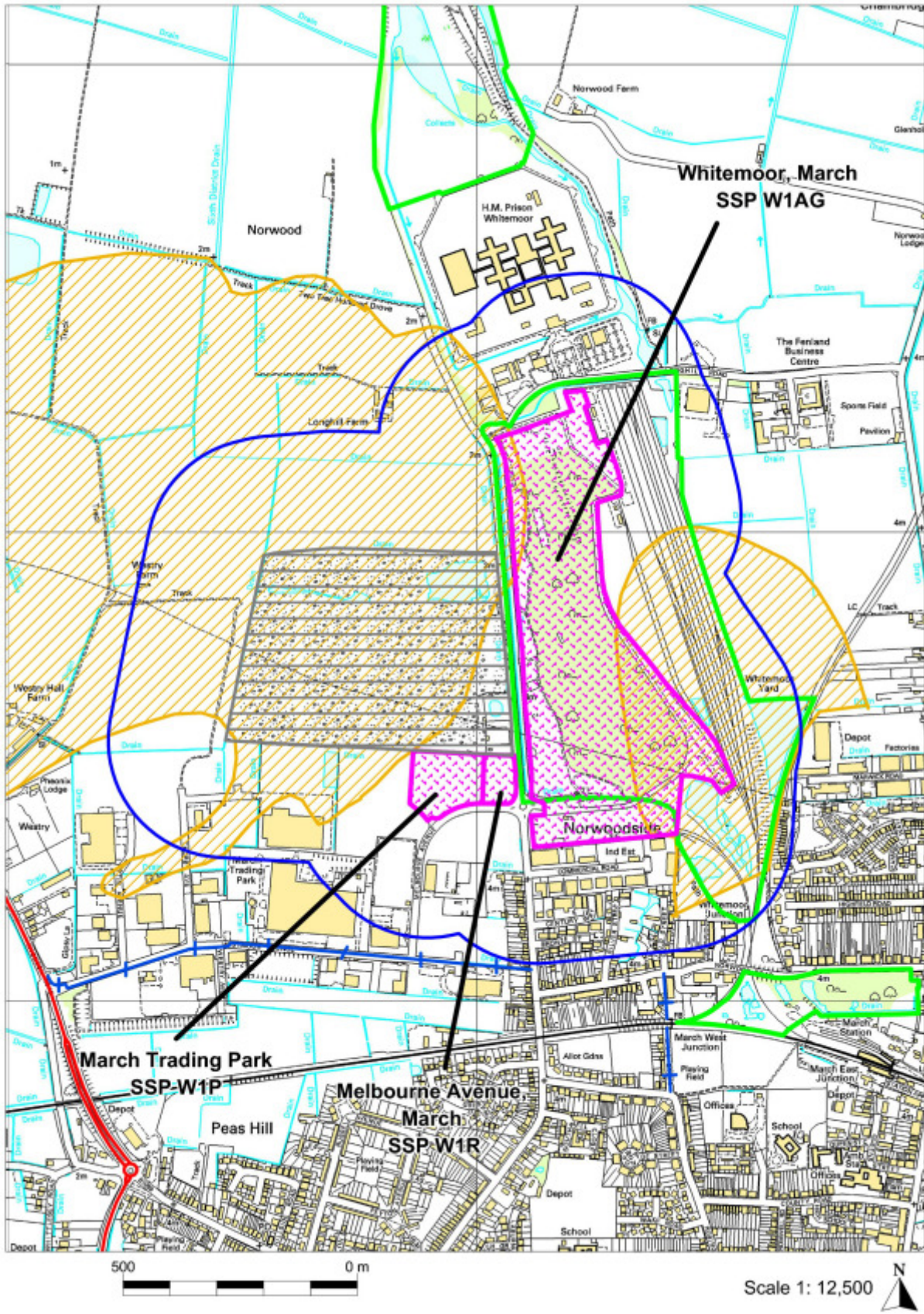
Implementation Issues

8.32 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.33 However, the following will need to be addressed within a planning application

- The site already accommodates some inert waste recycling utilising waste bricks from the brickworks for use as a recycled aggregate.
- Impact on the Nene Washes will be a key consideration to any proposal
- Provision of mitigation measures to ensure no adverse impact on local health and amenity
- Provision of suitable access arrangements taking into account capacity issues on the A605
- Site is located within areas of flood risk. A Flood Risk Assessment will be required.
- Potential for rail access on nearby land should be investigated

8.1.16 SSP W1P - March Trading Park (SSP W8AJ)



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Summary

Site Name	March Trading Park, March
Description of Proposed Use	Waste Recycling and Recovery. Potential uses include: <ul style="list-style-type: none"> • Materials recovery facility • In vessel composting • Suitable for new waste management technologies
Type	Recycling Facility; Energy from Waste and Composting.
Area	7.1 ha
Approximate Timescale	Existing waste management site new uses dependent on market forces
District	Fenland
Parish:	March
Grid Ref	TL 409 984

Site Characteristics

- The site is an existing waste management site located on an industrial estate, remote from sensitive receptors
- The market town of March is in close proximity to the site.
- A County Wildlife Site is nearby and consideration will need to be given to the potential impacts on local ecological designations.
- Grade 2 agricultural land

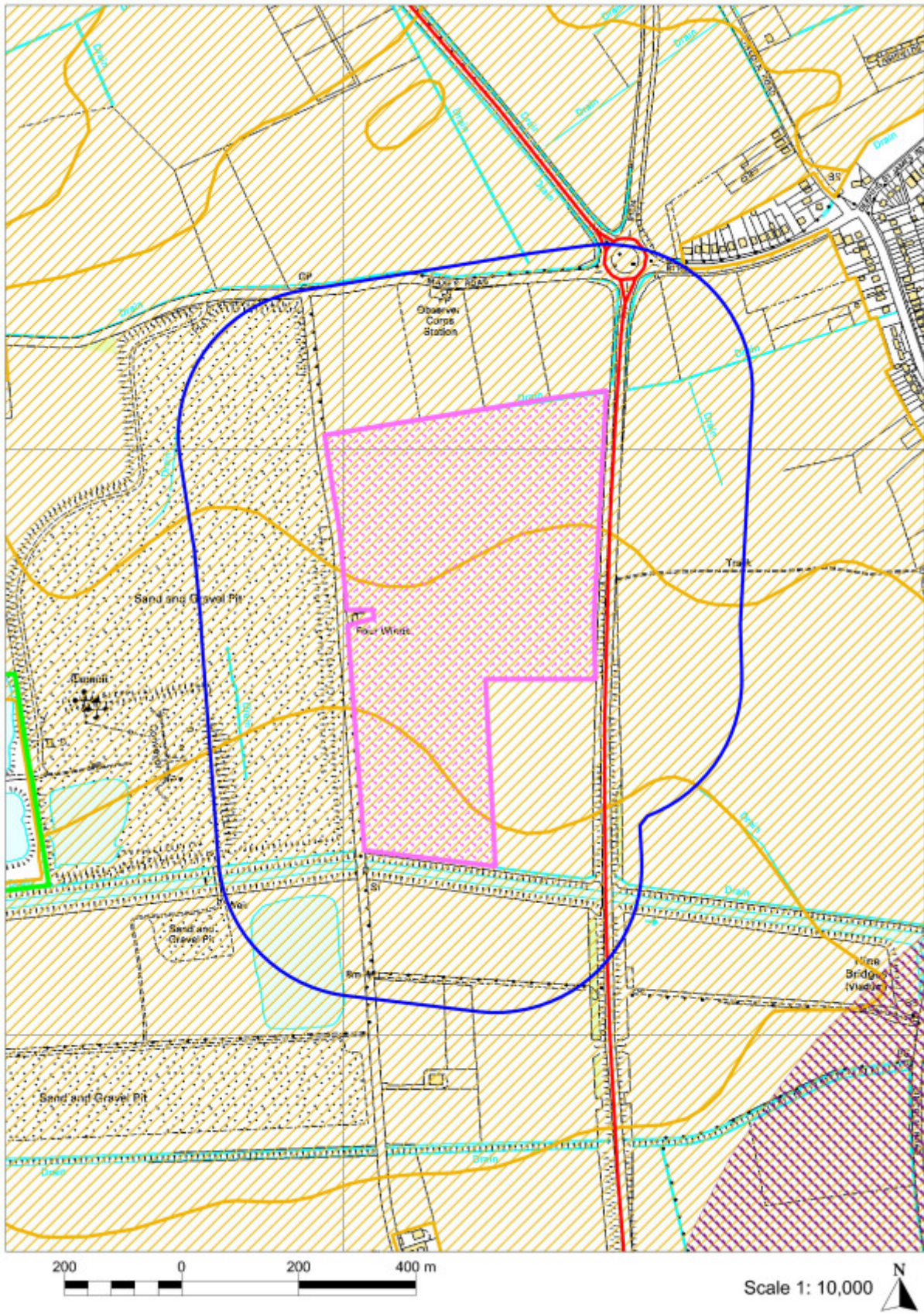
Implementation Issues

8.34 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.35 However, the following will need to be addressed within a planning application:

- HCV access only via Hostmoor Industrial Estate
- Noise and dust mitigation will be required
- New buildings will need to accord with, "The Location & Design of Waste Management Facilities" Supplementary Planning Document.
- Pollution control will be required
- Impact, mitigation, compensatory measures required for impact on biodiversity/protected species

8.1.17 SSP W1Q - Maxey East, Maxey (SSP W2D; SSP W8AL)



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Summary

Site Name	Maxey East, Maxey
Description of Proposed Use	Waste Management Development
Type	inert landfill, inert waste recycling
Area	26.965 (ha)
Approximate Timescale	10 -15 years
District	Peterborough
Location Details	Site East of Main Road, north of Maxey Cut
Grid Ref	TF 142 077

Site Characteristics

- The site is allocated for sand and gravel extraction in addition to the Maxey Crossing allocation to the south of the South Drain.
- The site is adjacent to existing an active quarry
- The site provides void-space for inert landfill proximate to north Peterborough
- Site lies adjacent to an elevated section of the A15
- Site is proximate to Northborough, Glington and Maxey villages, north Peterborough and south Lincolnshire.
- Grade 2 and 3 agricultural land

Implementation Issues

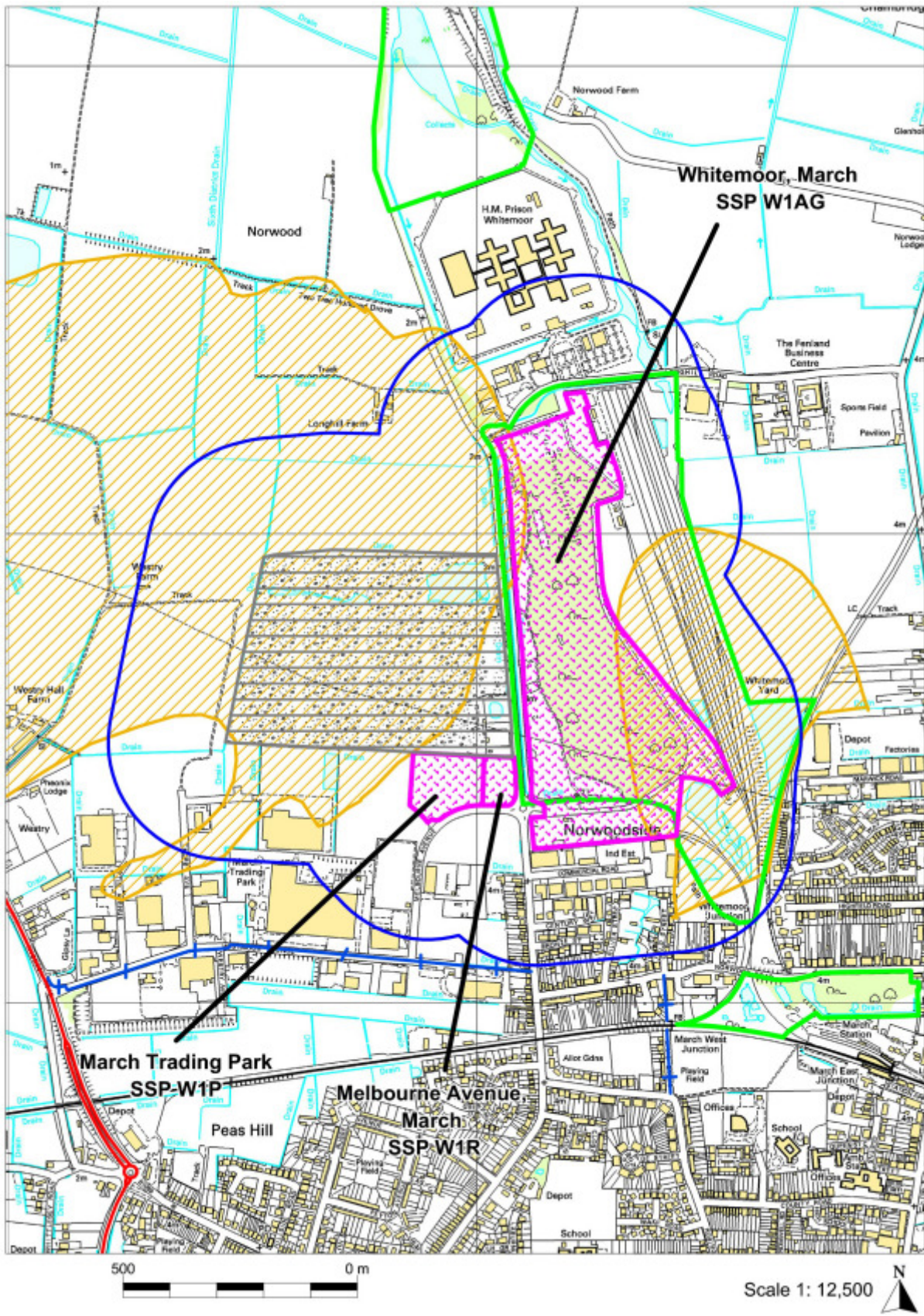
8.36 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.37 However, the following are particular issues that will need to be addressed within a planning application for inert landfill at this site:

- Any restoration plans should accord with what is already being implemented at the Maxey quarry to the west of the site.
- It is anticipated that the site would be restored for agriculture, wildlife conservation and amenity.
- Reclamation options are constrained by the proximity to RAF Wittering Safeguarding (bird strike) but opportunity should be taken to improve wildlife diversity of the site in any scheme.
- Flood Risk Assessment will need to be completed
- Traffic to continue to be directed from site entrance away from Maxey village towards A15.
- There may be an opportunity for infilling to original ground levels using inert waste materials at this site provided that acceptable access can be found to this area for the deposition of the waste materials and that it does not prevent the land being restored in a phased and timely manner.
- The opportunity should be considered of using conveyors, if practicable, so that the existing quarry access can be utilised.

- The opportunity should be taken to undertake advance screening of the eastern area prior to the commencement of any operations at the site - of both the residential property and the A15.
- Area to the south east of the site has been omitted as a result of archaeological concerns. However, archaeology remains a key consideration although it is anticipated that this will have been addressed when extraction of sand and gravel is under consideration.
- The impact of noise and dust on the users of the A15 and on any local residents needs to be considered and mitigation measures put in place .

8.1.18 SSP W1R - Melbourne Avenue, March (SSP W8AN)



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Summary

Site Name	Melbourne Avenue, Hundred Road, March
Description of Proposed Use	Household Recycling centre(as a replacement for the existing temporary March Household Recycling Centre on the adjacent March Landfill Site)
Area	0.69 ha
Approximate Timescale	Dependant on closure of existing temporary Household Recycling Centre at March Landfill
District	Fenland
Parish	March
Grid Ref	TL 410 984

Site Characteristics

- This site is located immediately adjacent to the temporary Household Recycling Centre on March landfill site and to the new waste transfer station
- Site located on industrial land
- Site has good access to the local road network including the A141
- The site is located within close proximity to some protected species
- Whitemoor Marshalling Yard CWS is located within 500m
- Agricultural land grade 2

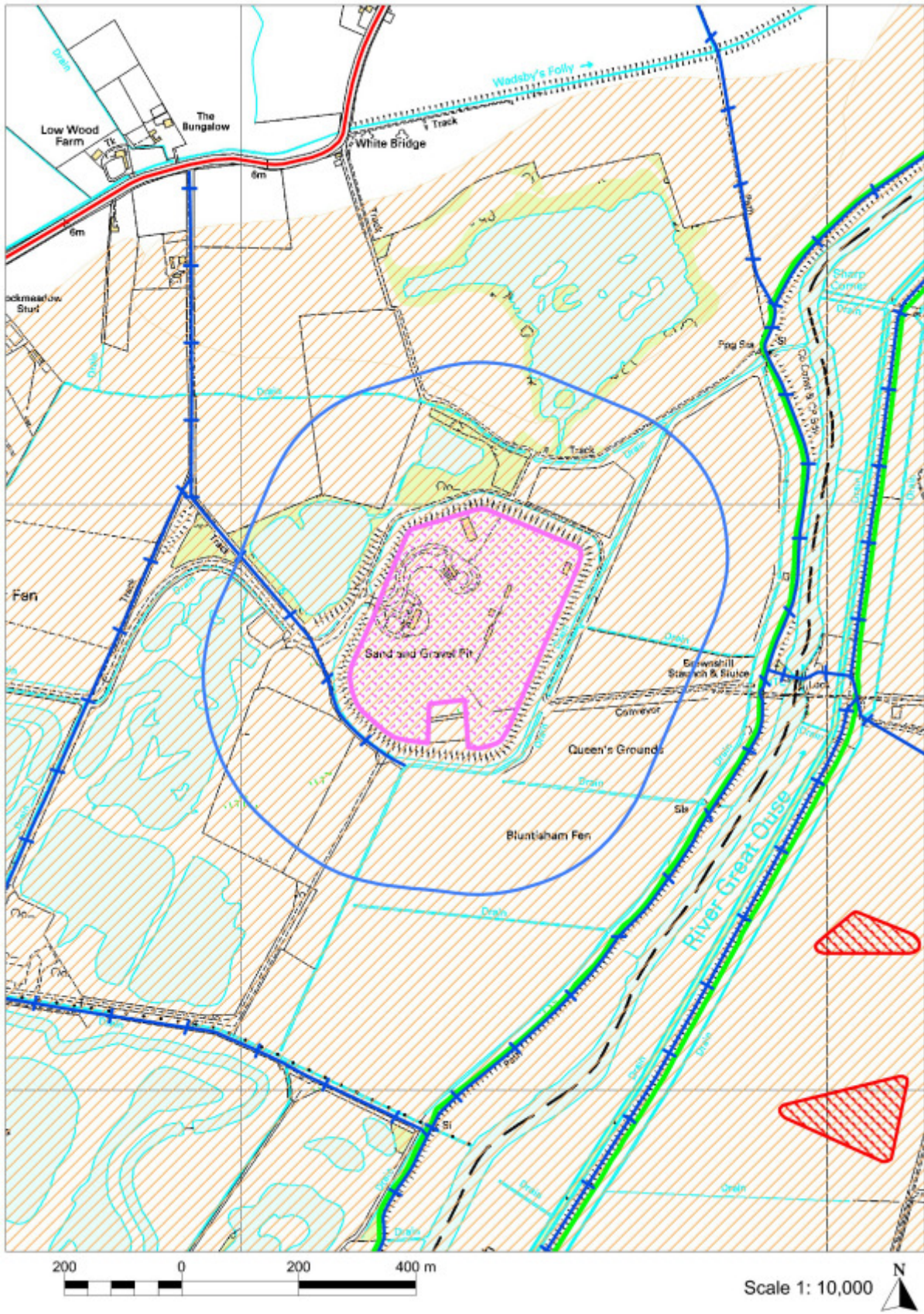
Implementation Issues

8.38 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.39 However, the following will need to be addressed within a planning application:

- Facility would need to take into account the location and design of waste management Supplementary Planning Document.
- HCV access to the site should be gained via Hostmoor Industrial Estate to the A141.
- Surveys would be required with regard to the impact any proposed development would have on any protected species in the area.
- Transport assessment required.
- Ecological and other environmental impacts to local nature conservation interests will need to be assessed at application stage and suitable mitigation provided if necessary.

8.1.19 SSP W1S - Needingworth Quarry, Needingworth (SSP W8AQ)



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Summary

Site Name	Needingworth Quarry, Needingworth
Description of Proposed Use	Waste Recycling and Recovery
Type	Inert Waste Recycling
Area	10.5 (ha)
Approximate Timescale	Dependent on demand and market forces.
District	Huntingdonshire
Parish:	Bluntisham
Grid Ref	TL 364 728

Site Characteristics

- Site has planning permission for mineral operations
- Site already accommodates mineral processing plant
- Proposed use will have similar characteristics and impacts
- Preserved archaeological area on site
- County Wildlife Site adjacent
- Situated above a minor aquifer
- Site is within Flood Zones 2 and 3

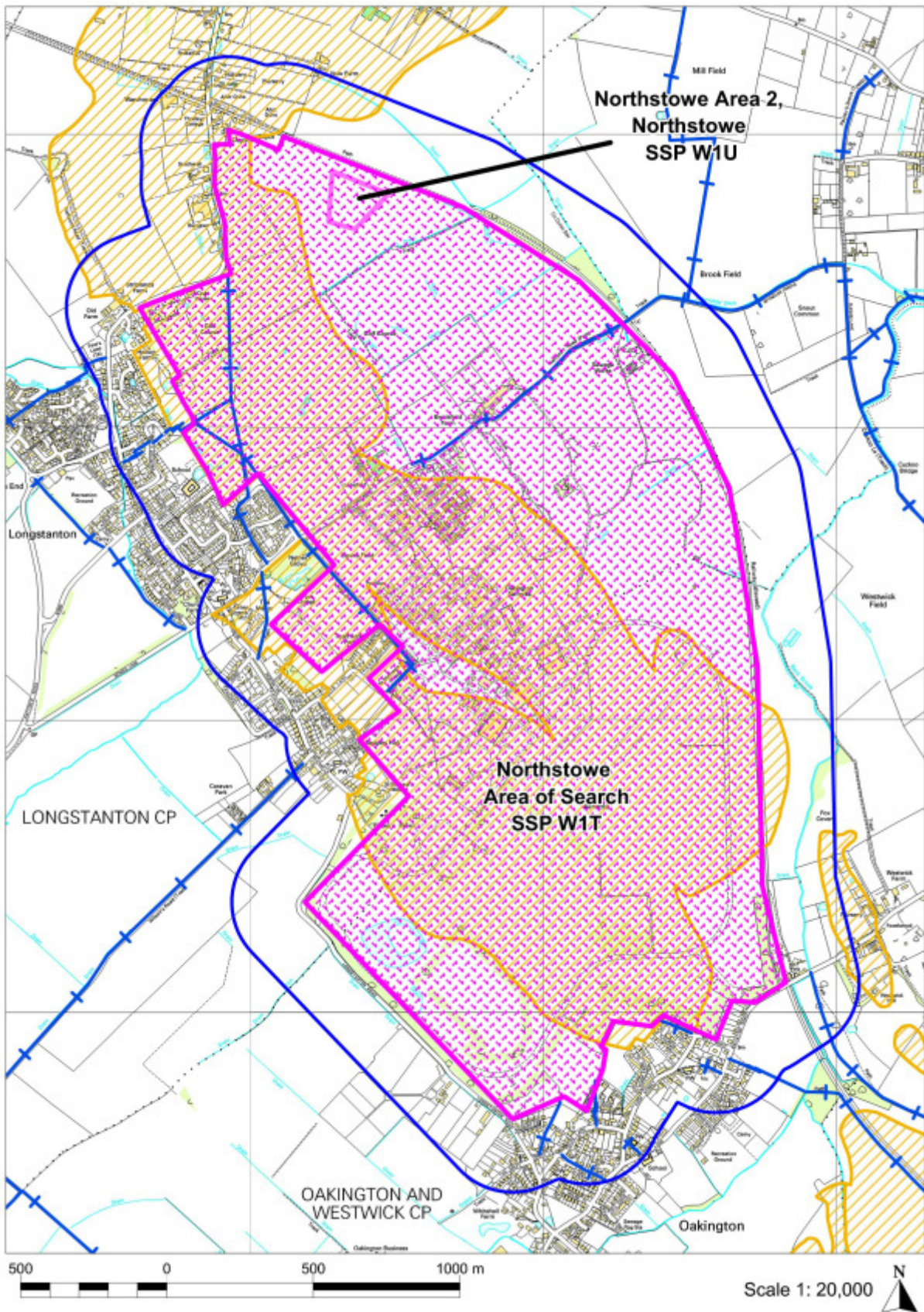
Implementation Issues

8.40 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.41 However, the following will need to be addressed within a planning application:

- Linked to the life of the Needingworth Quarry
- Protect archaeological site
- Pollution controls required
- Noise and dust mitigation will be required
- HCV routing scheme
- Access only from existing access point near Needingworth Bypass.

8.1.20 SSP W1T - Northstowe (SSP W8AR)



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Summary

Site Name	Northstowe (Area of Search)
Description of Proposed Use	Waste Recycling and Recovery
Type	Temporary Inert Waste Recycling
Area	425 ha
Approximate Timescale	Throughout the construction phases of the settlement.
District	South Cambridgeshire
Parish	Longstanton
Grid Ref	TL 449 665

Site Characteristics

- This area reflects the boundaries of the new settlement of Northstowe to the north of Cambridge
- Northstowe is on part of a former airfield site and there is a current planning application being considered for the new town
- The area has archaeological value which should be considered

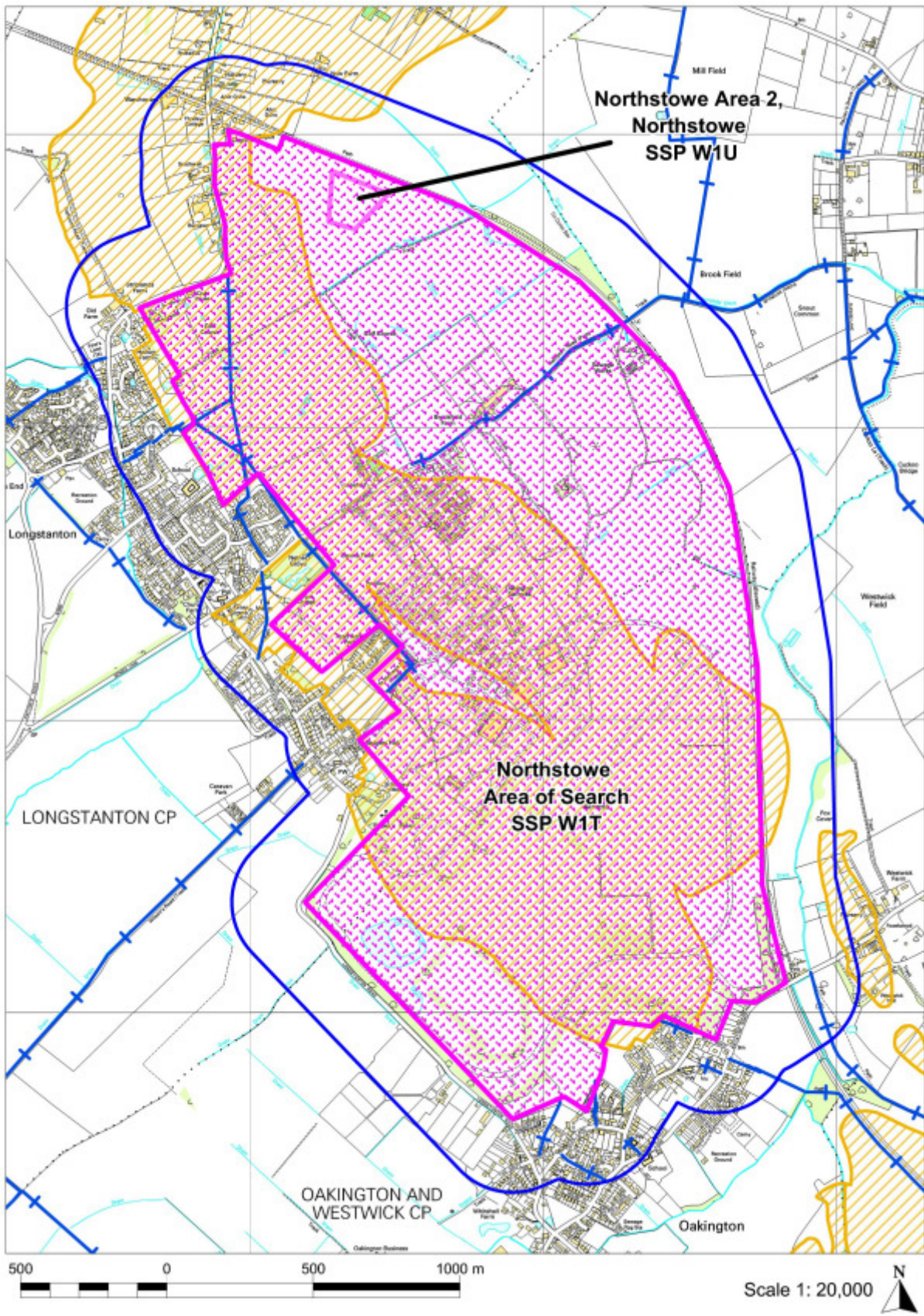
Implementation Issues

8.42 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.43 However, the following will need to be addressed within / prior to the submission of a planning application:

- Location of the site should not be close to sensitive receptor e.g. residential properties
- Rights of Way matters including potential diversion compensation for existing Rights of Way which may be adversely affected
- Consideration of any historic features / environment
- Good access to road network (internal and external)
- Noise and dust mitigation

8.1.21 SSP W1U - Northstowe Area 2, Northstowe (SSP W8AS)



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Summary

Site Name	Northstowe Area 2
Description of Proposed Use	Waste Recycling and Recovery - a Household Recycling Centre
Area	2.39 ha
Approximate Timescale	This Household Recycling Centre is expected to come on stream around 2010/2011
District	South Cambridgeshire
Parish	Longstanton
Grid Ref	TL 403 678

Site Characteristics

- This area is within a new settlement proposed to the north of Cambridge
- Northstowe is on part of a former airfield site and this area of search is within the employment sector identified as part of the current masterplanning for the new town
- The area has archaeological value which should be considered
- Site is close to the Cambridge Green Belt, but not within it

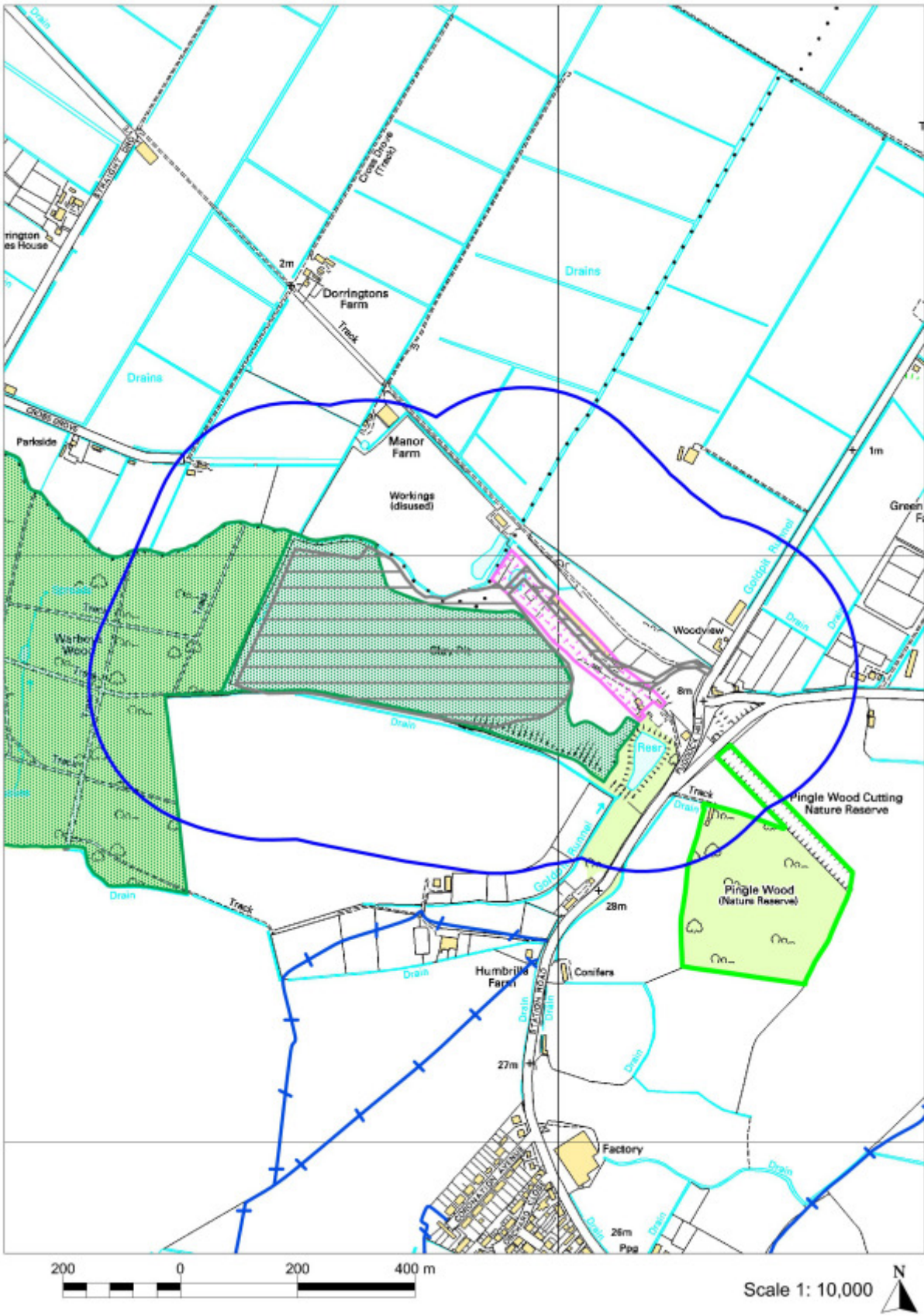
Implementation Issues

8.44 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.45 However, the following will need to be addressed within a planning application:

- All new Household Recycling Centres, including this one, will be required to be of a high standard in their design and operation in order to minimise any adverse effects on the environment or local community.
- Appropriate mitigation measures including pollution control, dust / odour suppression.
- Prior to the submission of a planning application consideration will need to be given to the best location for the Recycling Centre within the area of search, having regard to the need to be accessible by new and existing communities, and to compatibility with adjoining uses.
- Some landscaping / mitigation works will be required, the extent of these will be dependant on the final location of the Recycling Centre.
- Car and lorry movements will need to be segregated which is a matter for detailed design
- Proposal must be consistent with the "Location & Design of Waste Management Facilities" Supplementary Planning Document.

8.1.22 SSP W1V - Puddock Hill, Warboys (SSP W8AV)



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Summary

Site Name	Puddock Hill, Warboys
Description of Proposed Use	Waste Recycling and Recovery. <ul style="list-style-type: none"> • In Vessel Composting • Materials Recovery Facility • Inert Waste Recycling • Suitable for new waste technologies
Type	Recycling Facility; Composting and Inert Waste Recycling
Area	1.9 (ha)
Approximate Timescale	Dependent on demand and market forces.
District	Huntindonshire
Parish:	Wistow and Warboys
Grid Ref	TL 311 819

Site Characteristics

- Currently in a waste use
- The site already has temporary permission for recycling
- Sensitive receptors close by – three properties within 200 metres
- Part of the site is within Flood Zones 2 and 3.
- A minor aquifer is present
- Adjacent to two SSSI's (one a geological site)

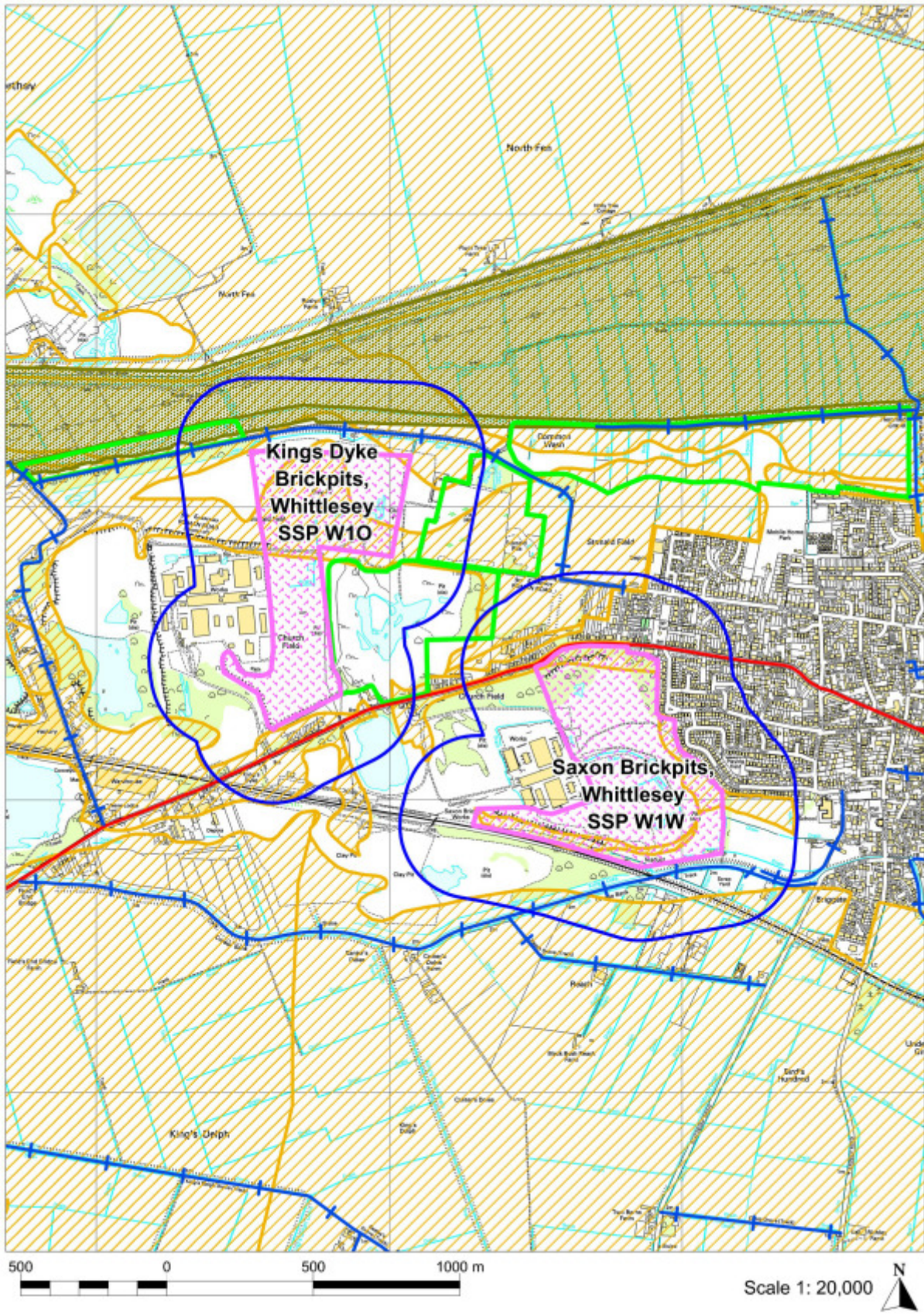
Implementation Issues

8.46 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.47 However, the following will need to be addressed within a planning application:

- HCV routing and mitigation of traffic impacts
- Composting will require emission risk assessment and mitigation as necessary
- Pollution controls will be required
- Design of building will need to reflect 'The Location and Design of Waste Management Facilities' Supplementary Planning Document
- Noise and dust mitigation will be required.
- Potential need for Flood Risk Assessment
- Impact, mitigation, compensatory measures required for impact on biodiversity
- Sustainable use of surplus soil resources

8.1.23 SSP W1W - Saxon Brickpits, Whittlesey (SSP W8AX)



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Summary

Site Name	Saxon Pit, Whittlesey (Area of Search)
Description of Proposed Use	Waste Recycling and Recovery. Potential uses include: <ul style="list-style-type: none"> • Inert Waste Recycling • Suitable new waste management technologies.
Area	33.5 (ha)
Approximate Timescale	Waste management uses could be developed on those parts of the site during the early part of the Plan period. Other parts of the site may become available as a result of future rationalisation and developments in relation to brick production.
District	Fenland
Parish	Whittlesey
Grid Ref	TL 255 971

Site Characteristics

- The site already accommodates some inert waste recycling utilising waste bricks from the brickworks for use as a recycled aggregate.
- This is an Area of Search which includes the Saxon Brickworks and surrounding related land
- The site lies between the A605 and the March Peterborough Railway line
- The Nene Washes (SAC/ SPA/ Ramsar) lie approximately 1 km to the north
- The site abuts the built up area of Whittlesey to the east and is approximately 4 km east of Peterborough
- The site is a quarry void incorporating Saxon Brickworks
- The site is located in a flat fen landscape marked by several large industrial developments
- Potential for rail access

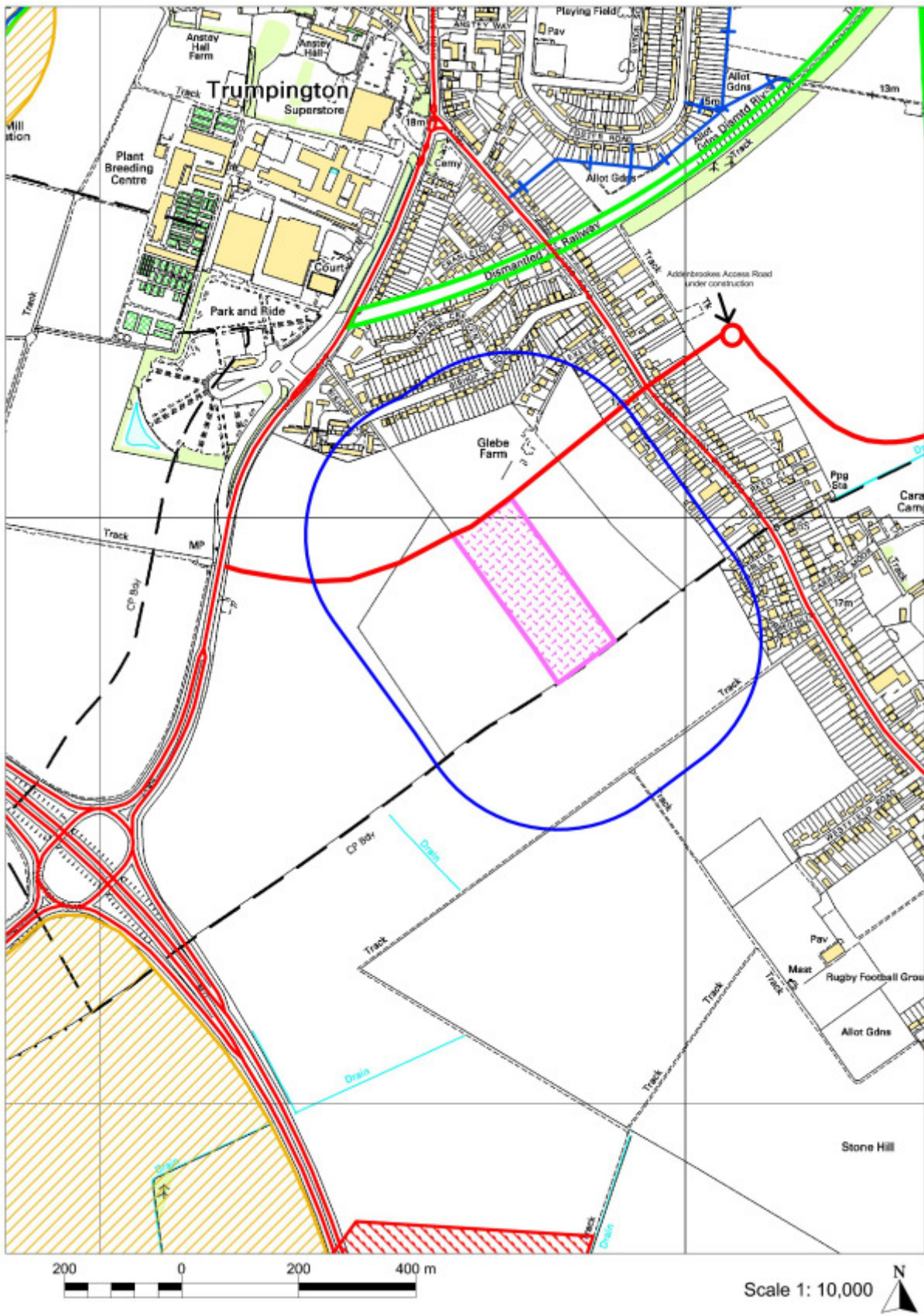
Implementation Issues

8.48 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.49 However, the following will need to be addressed within a planning application :

- Impact on the Nene Washes will be a key consideration to any proposal
- Provision of mitigation measures to ensure no adverse impact on local health and amenity
- Provision of suitable access arrangements taking into account capacity issues on the A605
- Site is located within areas of flood risk. A Flood Risk Assessment will be required.
- Rights of Way matters including potential diversion compensation for existing Rights of Way which may be adversely affected

8.1.24 SSP W1X - South of Addenbrookes Access Road (SSP W8AY)



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Summary

Site Name	South of Addenbrookes Access Road
Description of Proposed Use	Waste Recycling and Recovery
Type	Household Recycling Centre
Area	3.6 (ha)
Approximate Timescale	This Household Recycling Centre is expected to come on stream around 2011.
District	Cambridge City
Parish	Non Parished Area
Grid Ref	TL 448 538

Site Characteristics

- The site is situated in the Green Belt.
- Access can only be provided from the Addenbrookes Access Road.
- Proposed site is in an open arable area.
- Existing residential development on the eastern boundary with proposed residential development to the north of the Addenbrookes Access Road.

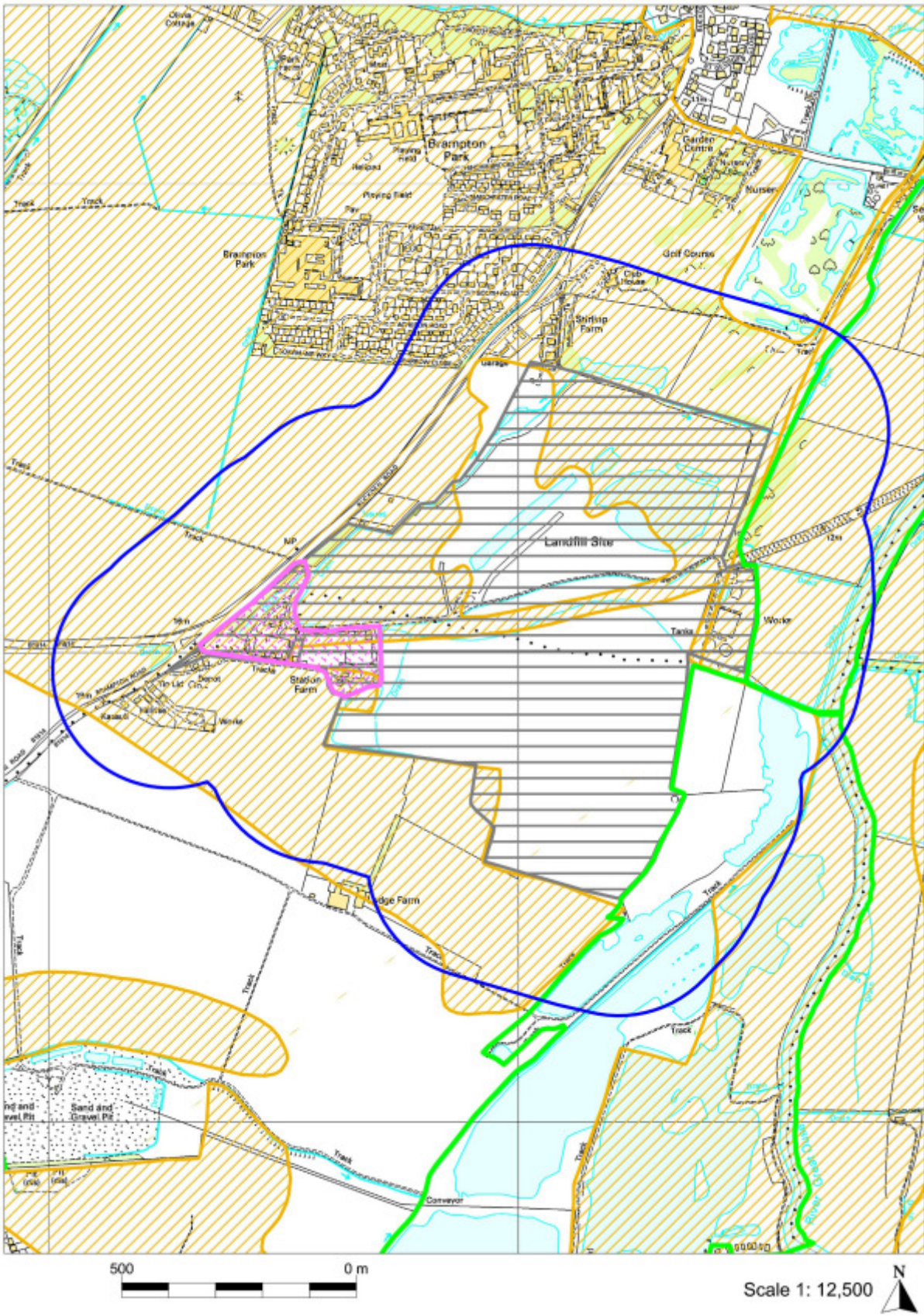
Implementation Issues

8.50 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.51 However, the following will need to be addressed within a planning application:

- All new Household Recycling Centres, including this one, will be required to be of a high standard in their design and operation in order to minimise any adverse effects on the environment or local community. This will entail waste operations being enclosed within a building with appropriate mitigation measures including dust / odour suppression.
- Landscaping / mitigation works will be required in order to reduce the visual impact of the Recycling Centre on the surrounding area, and its setting in the Green Belt
- Access should be via the Addenbrookes access road, with car and lorry movements being segregated within the site
- Any proposal will need to accord with "The Location & Design of Waste Management Facilities" Supplementary Planning Document.

8.1.25 SSP W1Y - Station Farm, Buckden (SSP W8BB)



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Summary

Site Name	Station Farm, Buckden
Description of Proposed Use	Waste Recycling and Recovery. Potential uses include:- <ul style="list-style-type: none"> • Materials Recovery Facility • Suitable for new waste technologies • In Vessel Composting
Area	4.5 ha
Approximate Timescale	Dependent on demand and market forces
District	Huntingdonshire
Parish:	Buckden
Grid Ref	TL 205 690

Site Characteristics

- Site is adjacent to Buckden Landfill site and near to Buckden Quarry
- Located close to the primary highways network
- A small number of sensitive receptors are situated close to the site access
- Reasonably proximate to waste arisings in Huntingdon

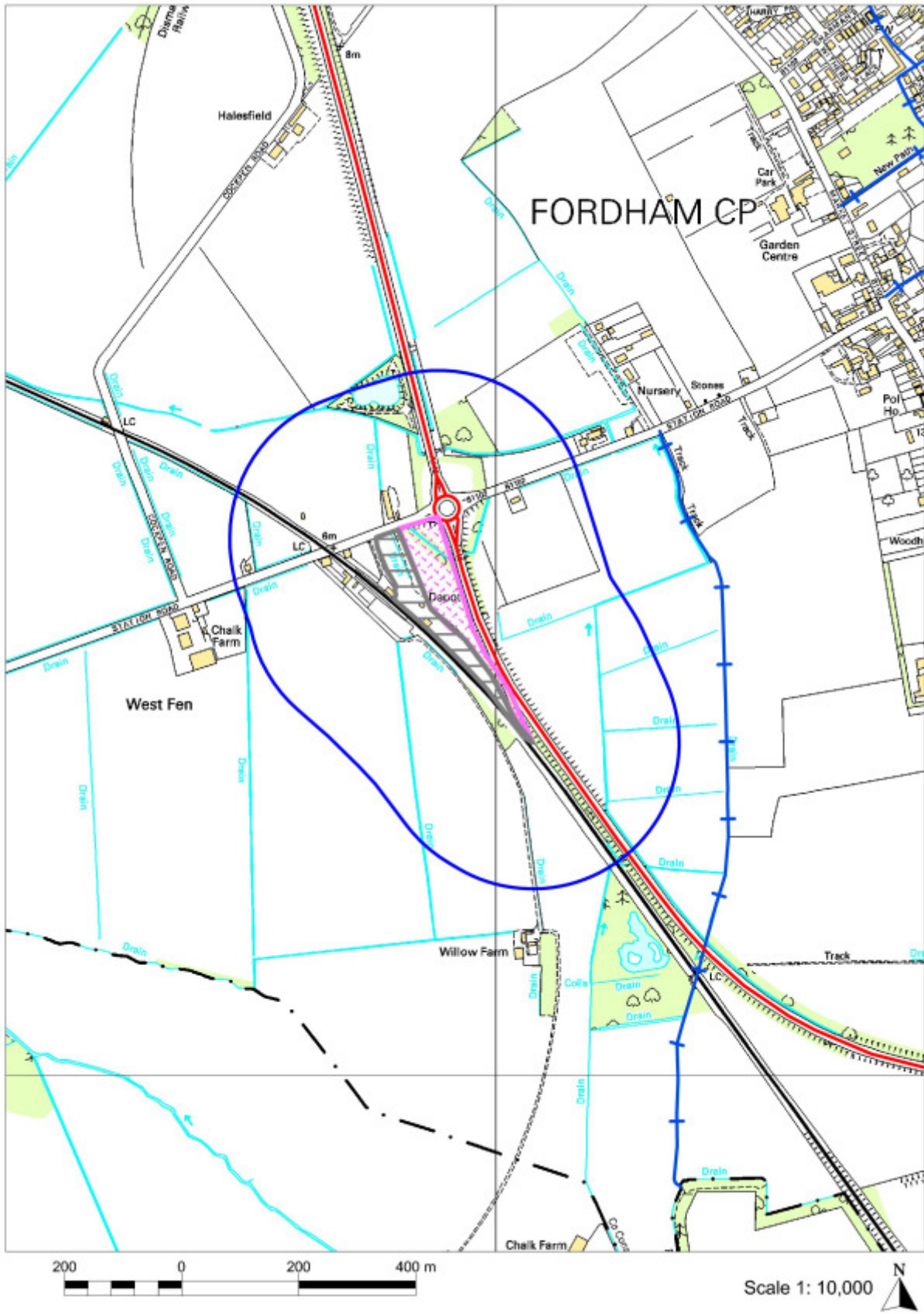
Implementation Issues

8.52 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.53 However, the following will need to be addressed within a planning application:

- HCV access arrangements to new A14
- Noise attenuation for local sensitive receptors
- Pollution control will be required
- Facility design should accord with 'The Location and Design of Waste Management Facilities' Supplementary Planning Document.

8.1.26 SSP W1Z - Station Road, Fordham (SSP W8BD)



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Summary

Site Name	Station Road, Fordham
Description of Proposed Use	Waste Recycling and Recovery - Potential uses include: <ul style="list-style-type: none"> • Suitable new waste management technologies. • Material Recovery Facility • Inert Waste Recycling
Area	1.4 ha
Approximate Timescale	Dependent on demand and market forces.
District	East Cambridgeshire
Parish	Fordham
Grid Ref	TL 619 699

Site Characteristics	
<ul style="list-style-type: none"> • Located adjacent to a site that already has planning permission for waste recycling and waste processing including small scale gasification • Some sensitive receptors nearby • Currently an open aspect from the road • Grade 2 agricultural land, so sustainable use of soils will be required. 	

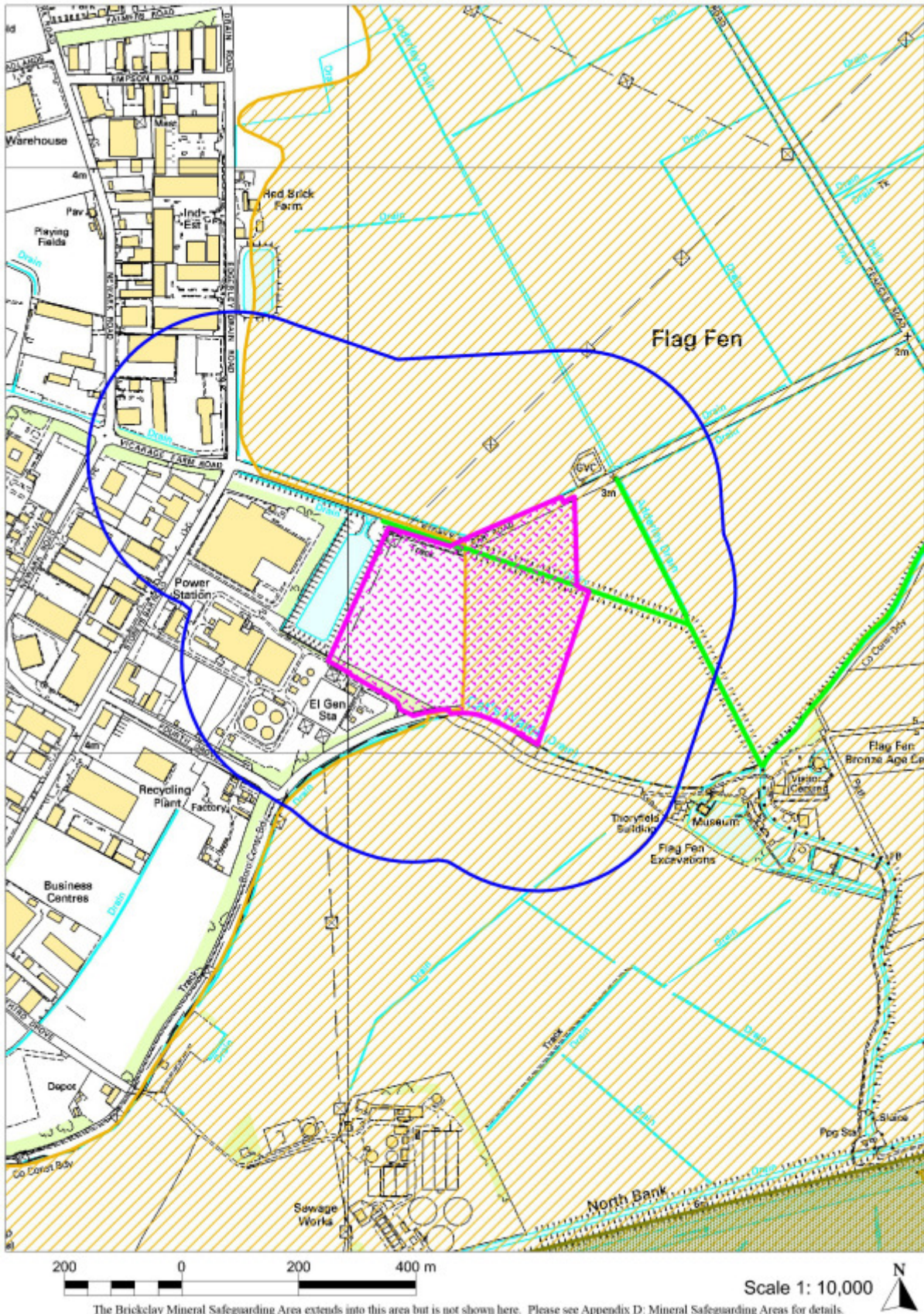
Implementation Issues

8.54 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.55 However, the following will need to be addressed within a planning application:

- Landscaping to Fordham Bypass
- Noise and dust attenuation measures to protect residential amenity
- Consider HCV restrictions on minor roads through Fordham
- Facility design should accord with 'The Location and Design of Waste Management Facilities' Supplementary Planning Document.

8.1.27 SSP W1AA - Storey's Bar Road (SSP W8BE)



The Bricklay Mineral Safeguarding Area extends into this area but is not shown here. Please see Appendix D: Mineral Safeguarding Areas for details.

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Summary

Site Name	Storey's Bar Road, Fengate
Description of Proposed Use	Waste Management development
Type	Waste Recycling and Recovery - range of potential uses including: Mixed Stream Recycling Facilities, In Vessel composting, Energy from Waste Facilities, New Waste Management Techniques
Area	11.8 ha
Approximate Timescale	2013
District	Peterborough
Location Details:	Eastern Industry/ Fengate Industrial Estate
Grid Ref	TL 221 992

Site Characteristics

- Site is well related to Peterborough
- Partly a vacant site within industrial area
- Potential to accommodate wide range of waste management uses including Energy from Waste and New Technologies
- Close to a number of waste streams including sewage sludge
- Adjacent to Peterborough power station

Implementation Issues

8.56 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

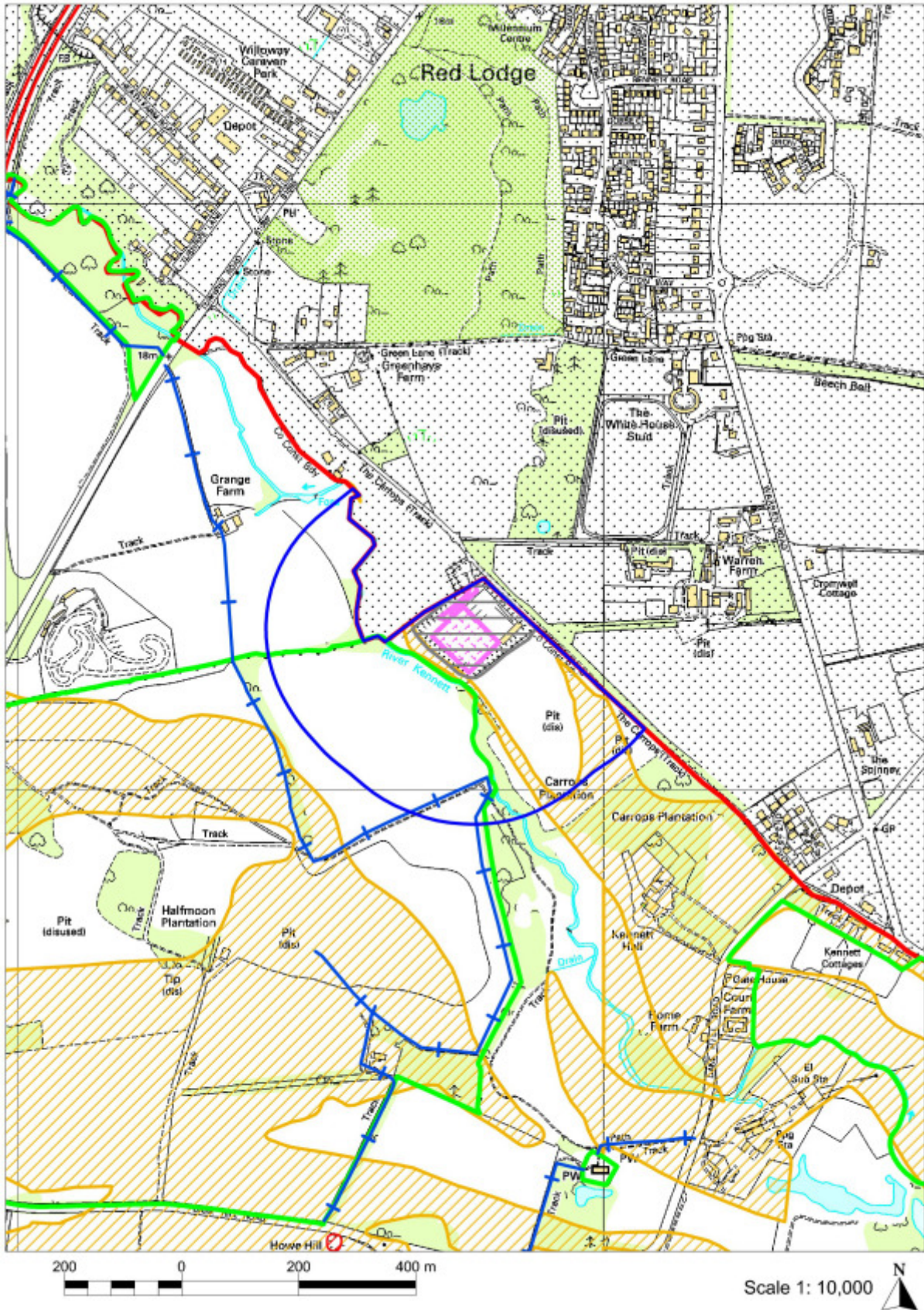
8.57 However, the following issues will need to be addressed within a planning application:

- Flood Zone 3. Site lies within the Padholme Catchment and there is an unacceptable risk of flooding from a greater than 1 in 50 year event. A Strategic Flood Risk Assessment would be required to identify and quantify the flood risks involved and the requirements for mitigation measures. It is likely that a contribution will be required towards the overall flood protection scheme for the Padholme Catchment area (Fengate industrial estate). Development of the site should not take place without appropriate mitigation measures in place.
- The site is bordered by two county wildlife sites (Adderley and Storeys Bar Road Drain) and it will need to be demonstrated that any development does not adversely impact on these sites
- Protected species within or close to the site (water voles)
- An archaeological assessment would be required as this is an area of significant archaeological interest and is close to Flag Fen. It will need to be demonstrated that any development does not adversely both impact on the archaeological remains present at Flag Fen and on the activities at Flag Fen as a tourist facility.
- A hydrological assessment will be required as situated above a minor aquifer. No source protection zones.
- A landscape and visual assessment will be required. Development of the site will form an extension to the industrial area and will be viewed in context of the adjacent power station.

Nevertheless it would still be obtrusive in the context of the flat arable fens and landscape screening needs to take this into account.

- A traffic assessment will be required and it is likely that improvements will be needed to the access into the site
- HCV's are likely only to be able to access the site from the west and will be precluded from using the rural roads to the east
- An Energy from Waste scheme will have to consider the health impacts of the proposal and the impact of emissions on the surrounding area. Any assessment will need to take into account the AQMA around the brickworks at Whittlesey.

8.1.28 SSP W1AB - The Carrops, Red Lodge Recycling and Transfer Station (SSP W8BG)



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Summary

Site Name	The Carrops, Red Lodge
Description of Proposed Use	Waste Recycling and Recovery. Potential uses include: <ul style="list-style-type: none"> • Materials Recovery Facility • In Vessel Composting • Inert Waste Recycling • Suitable for new waste technologies
Area	Less than 1 ha
Approximate Timescale	Dependent on demand and market forces.
District	East Cambridgeshire
Parish:	Kennett
Grid Ref	TL 698 693

Site Characteristics

- Site is adjacent to a County Wildlife Site.
- Site already has planning permission for a waste use
- Situated above a major aquifer.
- Land along the south westermost edge is within Flood Zones 2 and 3, although the majority of the site is within Flood Zone 1.
- Close to sensitive receptors.
- Entrance to the site is within the Suffolk boundary, as is some of the waste consultation area that cannot be mapped as it is not within Cambridgeshire.

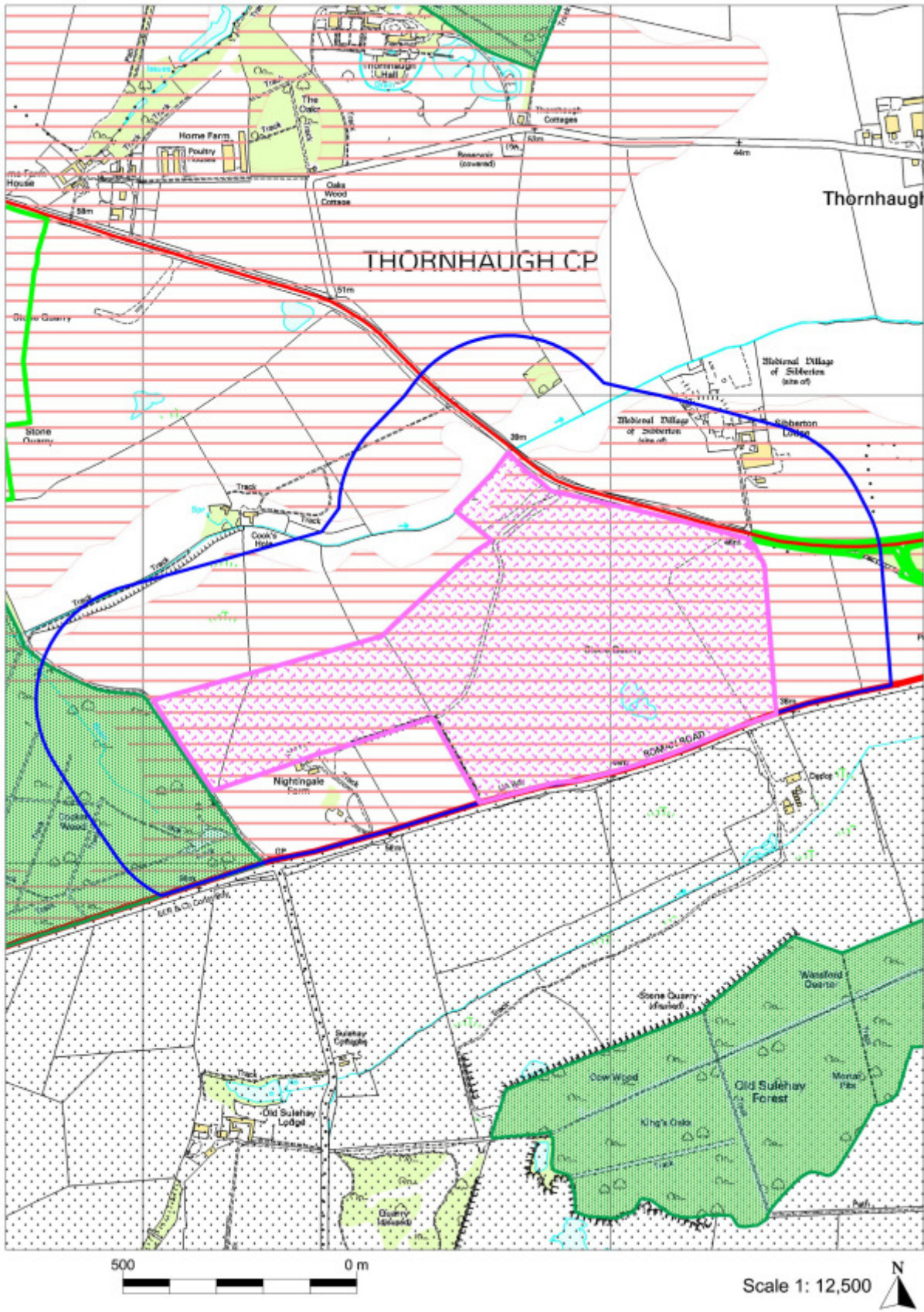
Implementation Issues

8.58 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.59 However, the following will need to be addressed within a planning application:

- HCV access only from the Carrops to Red Lodge
- Restrictions on volume of HCV traffic
- Emission risk assessment for local receptors
- Pollution control will be required
- Improved landscaping needed.
- Rights of Way matters including potential diversion compensation for existing Rights of Way which may be adversely affected
- Impact, mitigation, compensatory measures required for impact on biodiversity

8.1.29 SSP W1AC - Thornhaugh II, Thornhaugh - (SSP W2E; SSP W8BI)



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Summary

Site Name	Thornhaugh II, Thornhaugh
Description of Proposed Use	Waste Management development
Type	Inert landfill, Inert Waste recycling
Area	50.5ha
Approximate Timescale	Thornhaugh II Quarry is an existing limestone quarry extensively worked but relatively little has been subject of any active restoration. The quarry void is potentially available to accept inert waste as part of a restoration scheme subject to planning permission being granted. There is already an extant planning permission for inert waste recycling within the site.
District	Peterborough
Locational Details	West of the village of Wansford, South of the A47.
Grid Ref	TL 057 994

Site Characteristics

- The site has been previously excavated for limestone and ironstone
- There is some remaining limestone to be extracted and stockpiles of mineral on the site
- Site is highly visible from A47
- Site currently has an uneven profile resulting from previous mineral extraction
- known to host a population of Great Crested Newts
- The unusual landscape provides a sensitive ecological environment, there is also ancient woodland and other designated habitats in close proximity including Bedford Purlieus SSSI immediately adjacent to the site
- The site is proximate to RAF Wittering which will influence restoration options and precludes “bird attractive” waste.
- At the eastern end of the site there is an area of undisturbed arable land backing onto Bullimore’s Site (see SS4-40) with the benefit of planning permission for further mineral extraction

Implementation Issues

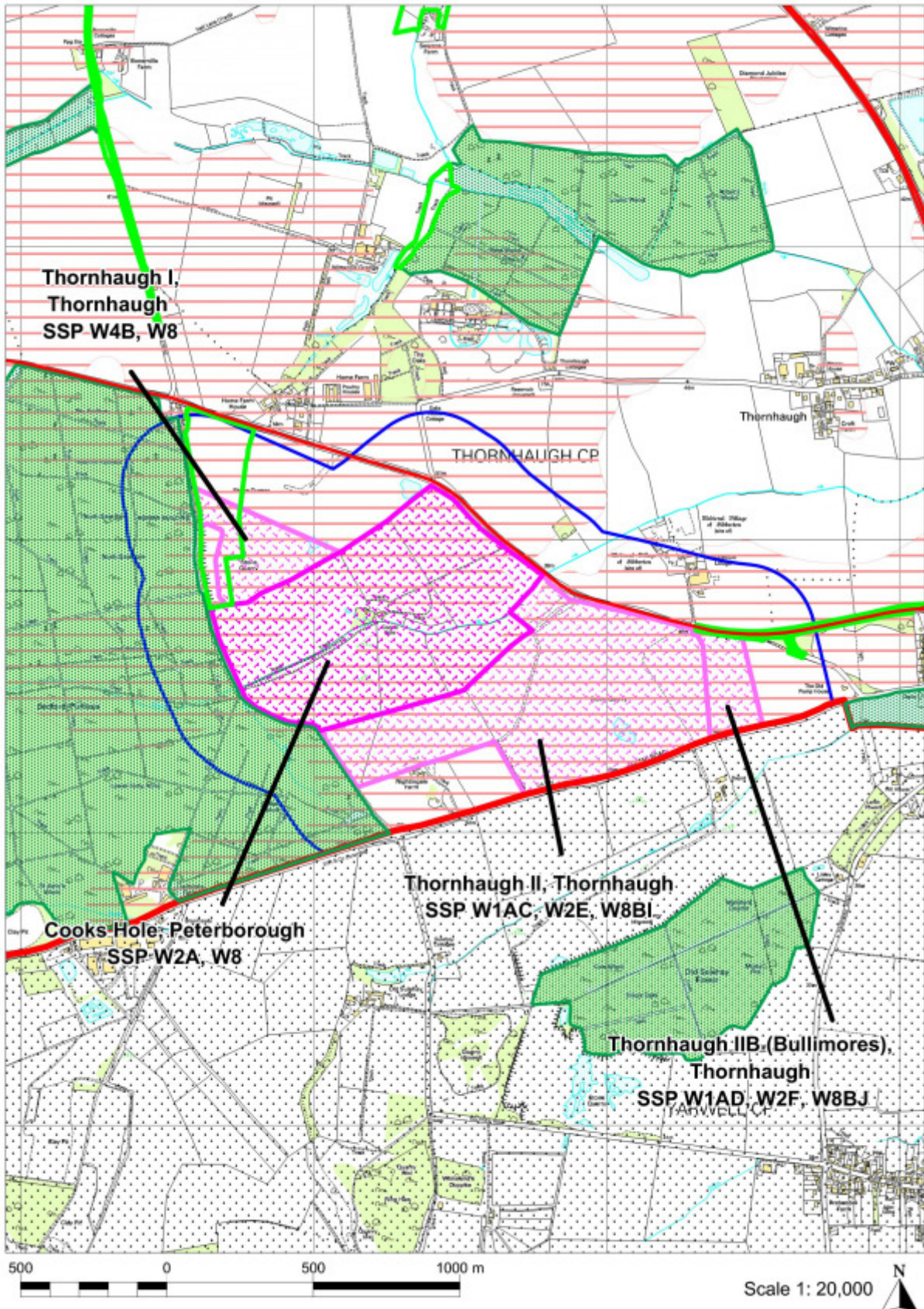
8.60 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.61 However, the following are particular issues that will need to be addressed within a planning application for inert landfill at this site:

- Further investigations will need to include a consideration of airborne pollutants, particulates and litter. Proposals will need to demonstrate no impacts on the adjacent Bedford Purlieus SSSI NNR
- Site located on a major aquifer
- Site is crossed by a public footpath, although this has been obstructed as a consequence of past mineral extraction any new development must see this route reinstated
- Improvements to the existing access arrangements are likely to be required and a traffic impact assessment

- Measure to protect/ relocate protected species (great crested newts)
- Protecting local health and amenity
- Measures to manage noise and dust need to be acknowledged and mitigation measures put forward
- Measures should be put in place to recycle inert waste prior to landfilling residues.
- Any revised reclamation scheme is likely to be for agriculture with nature conservation benefits and needs to address areas of ecological sensitivity, visual impacts and soil reserves.
- Reclamation of this site utilising inert waste needs to be considered in conjunction with reclamation proposals for Bullimores, Thornhaugh 11

8.1.30 SSP W1AD - Thornhaugh IIB (Bullimore's), Thornhaugh (SSP W2F; SSP W8BJ)



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Summary

Site Name	Thornhaugh IIB (Bullimore's)
Description of Proposed Use	Waste Management Development
Type	inert waste landfill, inert waste recycling
Area	5.4 (ha)
Approximate Timescale	The site is in separate ownership from the rest of the Thornhaugh II Quarry. There is no indication when mineral extraction might commence although the current planning permission requires mineral extraction to be completed before the end of the plan period. Mineral extraction needs to take place before any inert infilling can take place. It is assumed that this site will not be available until after 2012.
District	Peterborough
Location Details	located West of Thornhaugh village, East of Thornhaugh II quarry
Grid Ref	TL 064 995

Site Characteristics

- The site has planning permission for mineral extraction and forms part of a larger planning permission area known as Thornhaugh II Quarry (see SS4-111). Although much of the remainder of Thornhaugh II Quarry has been extensively excavated for limestone it remains largely unrestored. The remainder of Thornhaugh II Quarry is also a preferred site for inert landfill.
- Reclamation of this site incorporating inert fill needs to be developed in conjunction with the remainder of the Thornhaugh II Quarry.
- The site is currently an arable field untouched by an mineral extraction operations
- The site has potential access off the A47
- The site is proximate to RAF Wittering which will influence restoration options and precludes "bird attractive" waste

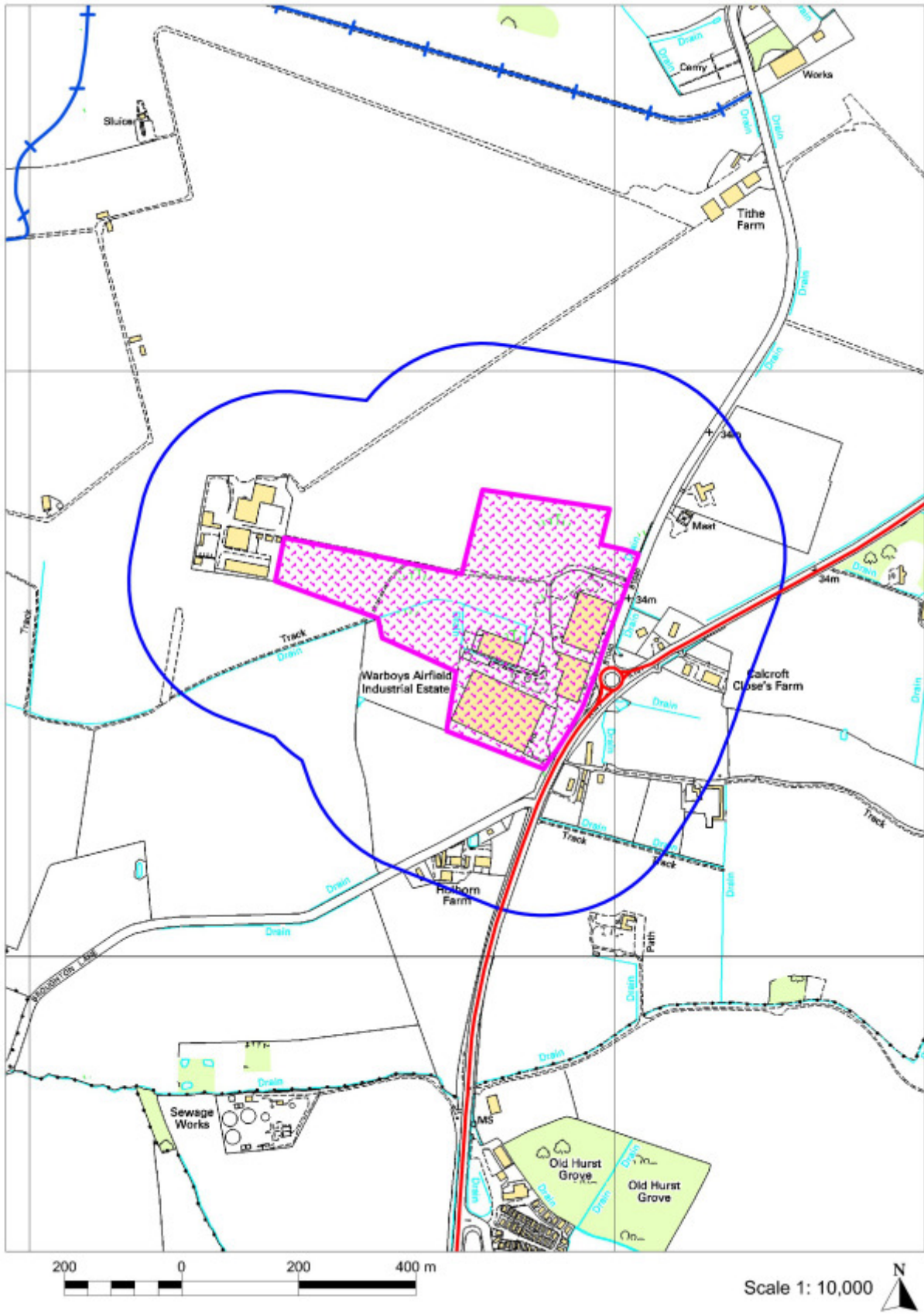
Implementation Issues

8.62 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.63 However, the following will need to be addressed within a planning application for inert landfill:

- Site located on a major aquifer, further investigations will be required
- Protecting local health and amenity including consideration of noise and dust resulting from the operations and mitigation of impacts
- Ensuring reclamation of the site compliments the reclamation of the remainder of Thornhaugh II Quarry and is sympathetic to surrounding setting
- Access must be from the A47 not the Kings Cliffe Road.
- Measures should be put in place to recycle inert waste prior to landfilling residues.
- It is likely that surveys will need to be undertaken for the presence or otherwise of Great Crested Newts.

8.1.31 SSP W1AE - Warboys Industrial Estate (SSP W8BM)



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Summary

Site Name	Warboys Industrial Estate,
Description of Proposed Use	Waste Recycling and Recovery. Potential uses include: <ul style="list-style-type: none"> • Materials Recovery Facility • In Vessel Composting • Inert Waste Recycling • Suitable for new waste management technologies
Area	14.1 ha
Approximate Timescale	Dependant of demand and market forces
District	Huntingdonshire
Parish	Wistow and Warboys
Grid Ref	TL 297 785

Site Characteristics

- The industrial estate is located in a rural area that lies adjacent to the A141/B1040 routes.
- The industrial estate comprises industrial units and hardstanding.
- The site includes 7 ha of undeveloped lands adjoining the industrial estate that lies to the west.
- The site is located 2.7 km north of Warboys and Wistow SSSI, Warboys Clay Pit.
- Grade 2 Agricultural Land.

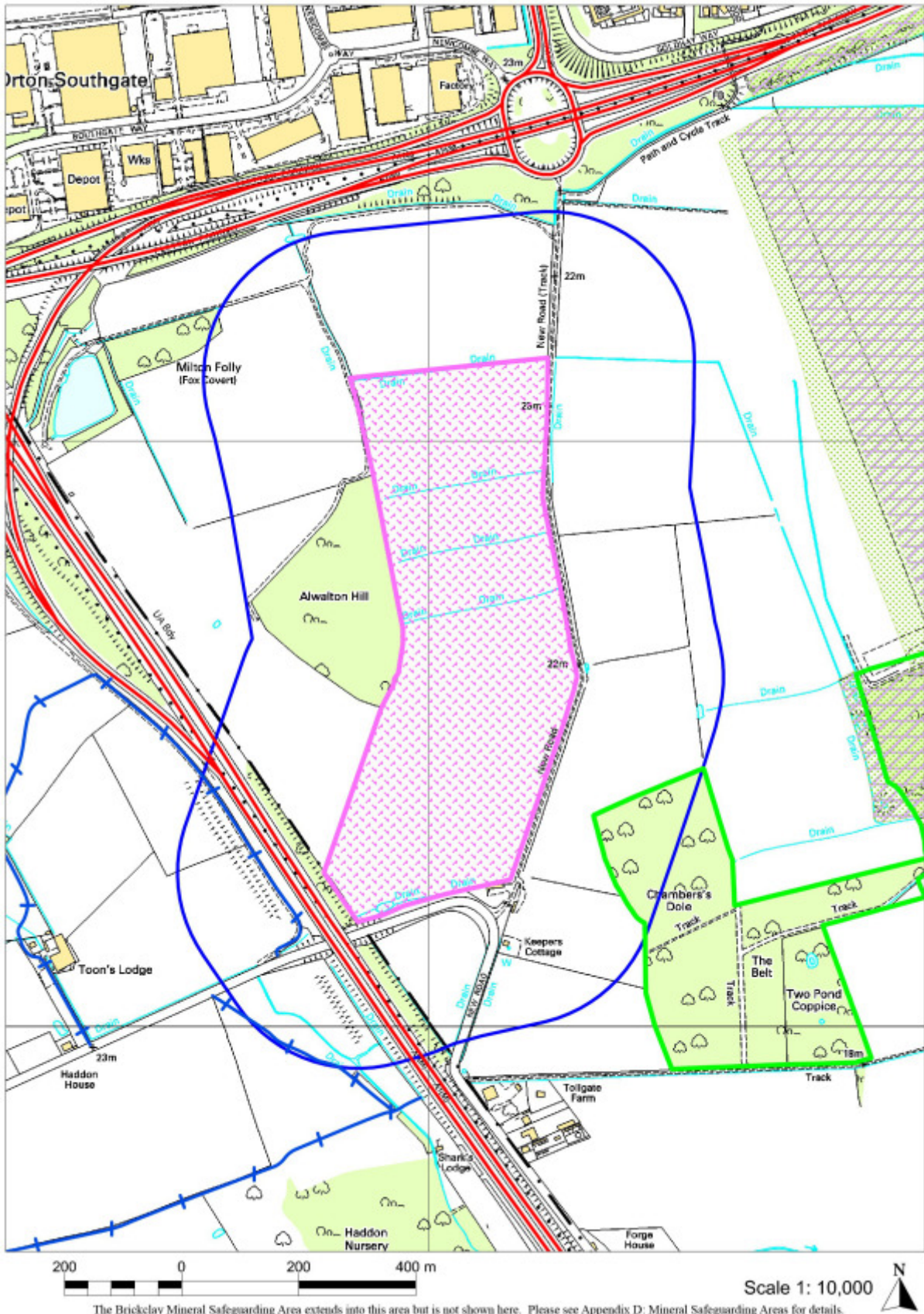
Implementation Issues

8.64 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.65 However, the following will need to be addressed within a planning application

- In order to protect the visual amenity of this rural area, mitigation in the form of local materials and planting could improve the appearance of the development.
- Access onto the highway junction with A141 would be assessed at planning application.
- Any planning application should take into account the potential impact of any archaeological resources.
- Routing control of HGV s may be required.
- Consideration should be given to the airport safeguarding issues (height of structures and birdstrike safeguarding zone)
- Landscape mitigation
- Transport assessment
- Facility design should accord with 'The Location and Design of Waste Management Facilities' Supplementary Planning Document.

8.1.32 SSP W1AF - West of Peterborough (SSP W8BN)



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Summary

Site Name	West of Peterborough
Description of Proposed Use	Waste Management Development
Type	Waste Treatment and Recycling / Indoor Household Recycling Centre
Area	27.7 (ha)
Approximate Timescale	Probably 2015 onwards
District	Peterborough
Locational Details	Located south of Fletton Parkway and East of A1, SW of Hampton
Grid Ref	TL 151 937

Site Characteristics

- An area of search within a larger area that has permission for clay extraction but which is being considered for residential and commercial development known as Great Haddon
- Permission for employment development located to the west of site
- Likely access off Junction 1 of the Fletton Parkway
- Well located to primary road network
- Orton Pit (SAC) European designated site to the East of the site
- Well located to the potential future growth of Peterborough

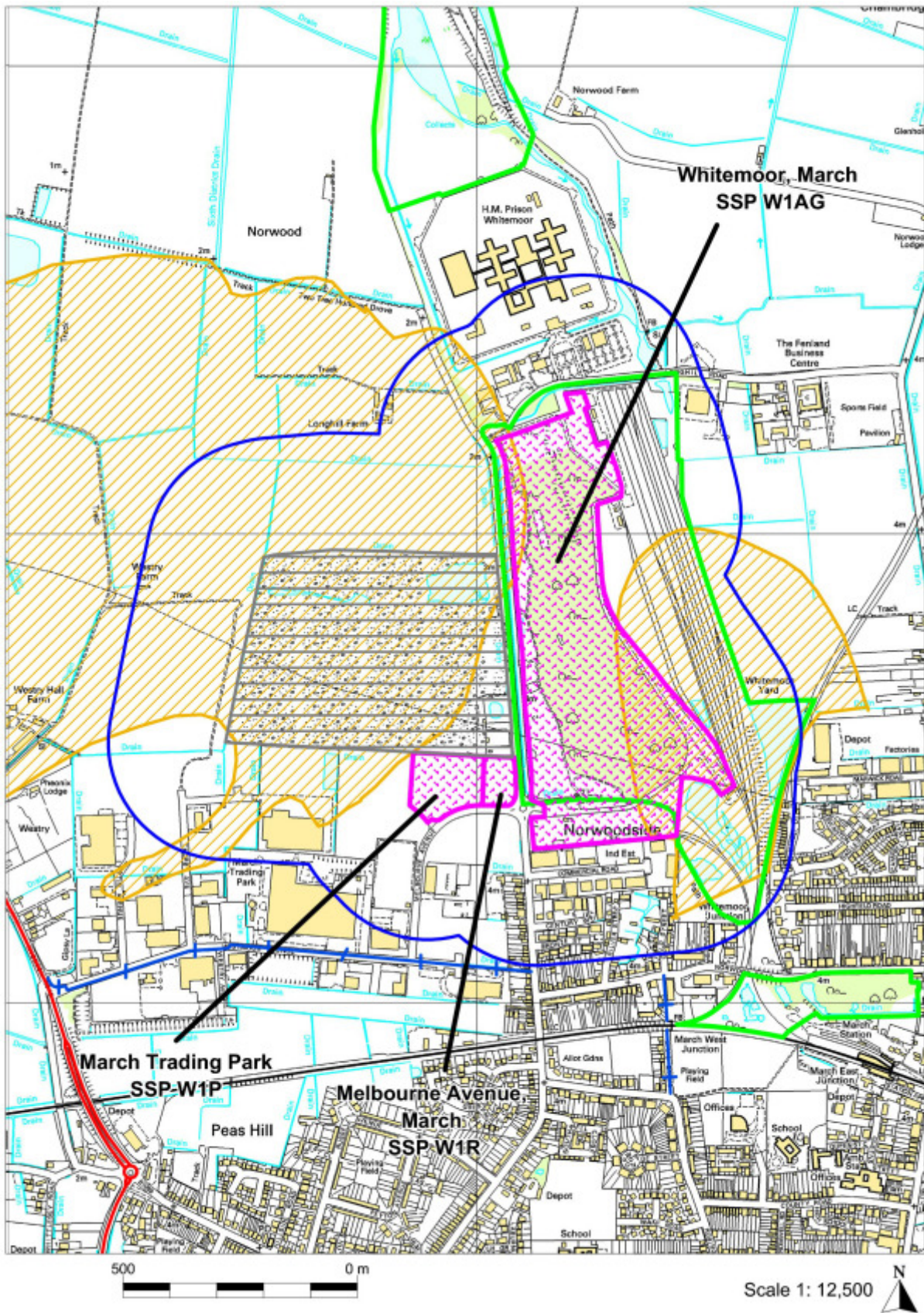
Implementation Issues

8.66 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.67 However, the following will need to be addressed within a planning application

- Access will need to be provided for any potential site from the junction of Fletton Parkway
- The site will need to be easily accessible to Fletton Parkway as well as to residents of the proposed development at Great Haddon.
- Any development will need to take account of the proximity of Orton Pit SAC and mitigation measures put in place if necessary
- There is a likelihood that Great Crested Newts are present on site. A survey will be required to check for their presence or absence
- Rights of way running through the site will need to be mitigated
- Further investigations will need to include a consideration of airborne pollutants, particulates and litter. Proposals will need to demonstrate no impacts.
- Further investigations will need to include a consideration of hydrology, water quality and water borne pollutants. Proposals will need to demonstrate no impacts
- Any development will need to be enclosed to limit impacts on the surrounding area
- Consideration will need to be given to queuing provision that may be required for cars/vehicles waiting to access the HRC

8.1.33 SSP W1AG - Whitmoor, March (cmb) (SSP W8BO)



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Summary

Site Name	Whitemoor
Description of Proposed Use	Aggregate Railhead, Waste Recycling and Ancillary Activities. Potential uses include : <ul style="list-style-type: none"> • Specialist • Inert Waste Recycling • Suitable for new waste management technologies
Type	Inert Waste Recycling
Area	21.6 (ha)
Approximate Timescale	Dependent on demand and market forces.
District	Fenland
Parish	March
Grid Ref	TL412 987

Site Characteristics

- Site proximate to Whitemoor prison and existing industrial area
- Next to marshaling yards and close to residential properties
- Visible from A141
- Site is designated County Wildlife site

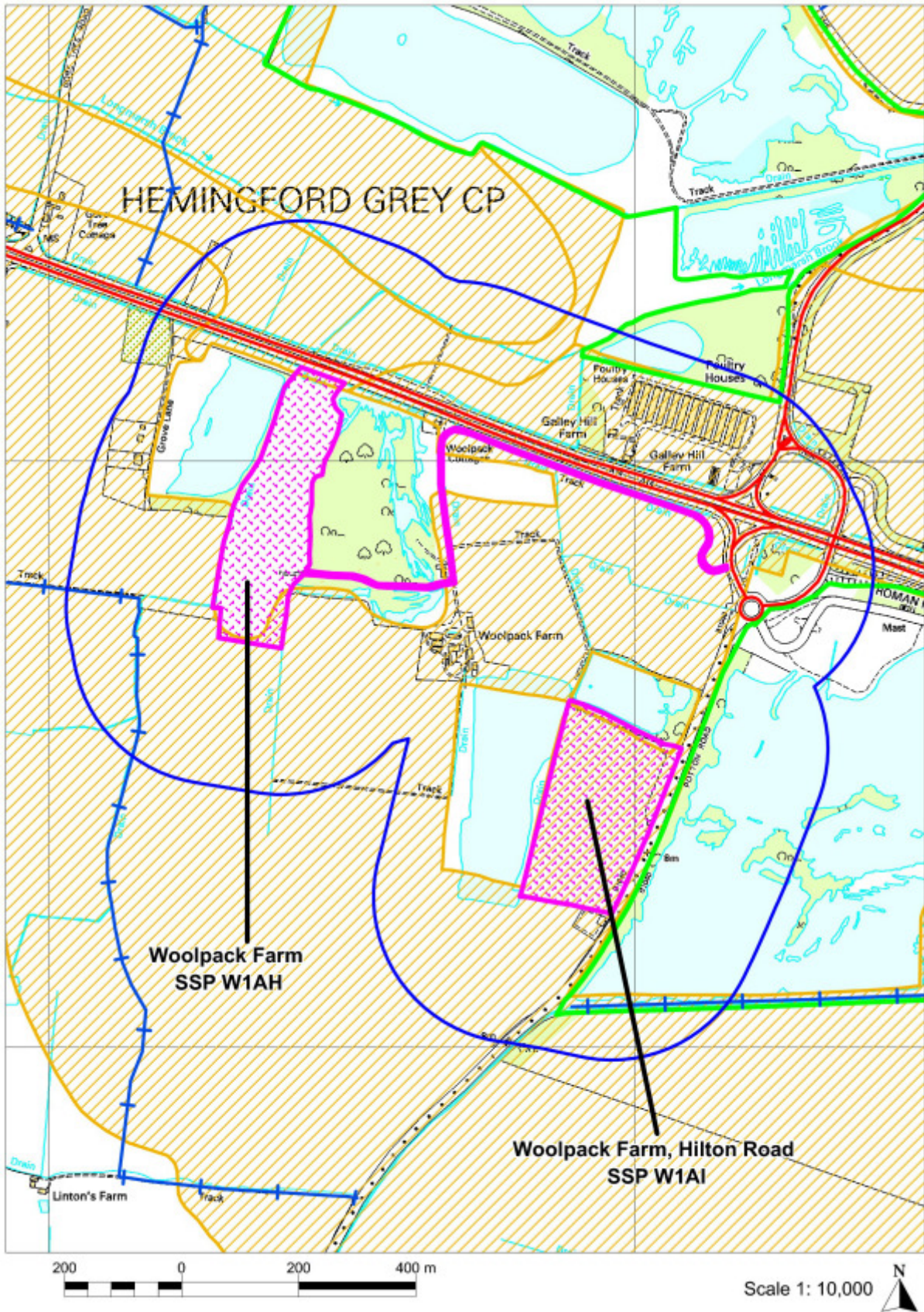
Implementation Issues

8.68 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.69 However, the following will need to be addressed within a planning application:

- Pollution control measures
- Noise and dust mitigation
- Ecological evaluation and mitigation including habitat creation and translocation
- Safeguard route of March Link Road (Phase 2)
- Traffic routing via Hostmoor
- Destination of some outputs by rail to minimise HCV

8.1.34 SSP W1AH - Woolpack Farm (SSP W8BT)



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Summary

Site Name	Woolpack Farm
Description of Proposed Use	Temporary waste recycling for the duration of inert landfill at the site
Area	6.1 ha
Approximate Timescale	Temporary waste recycling for the duration of inert landfill at the site
District	Huntingdonshire
Parish	Hemingford Grey (adjacent to Hemingford Abbots and Fenstanton parishes)
Grid Ref	TL 293 689

Site Characteristics

- Site already has planning permission for inert landfill
- Current access arrangement to B1040
- Site lies in an area of strategic greenspace enhancement
- Sensitive receptors nearby (residential)
- Site is located close to Fenstanton Pits 740m east and Marsh Lane gravel 400m north-east from site.
- Site located 300 m Hemingford Grey Meadow SSSI
- In airfield safeguarding zones for Alconbury, Cambridge and Wyton.

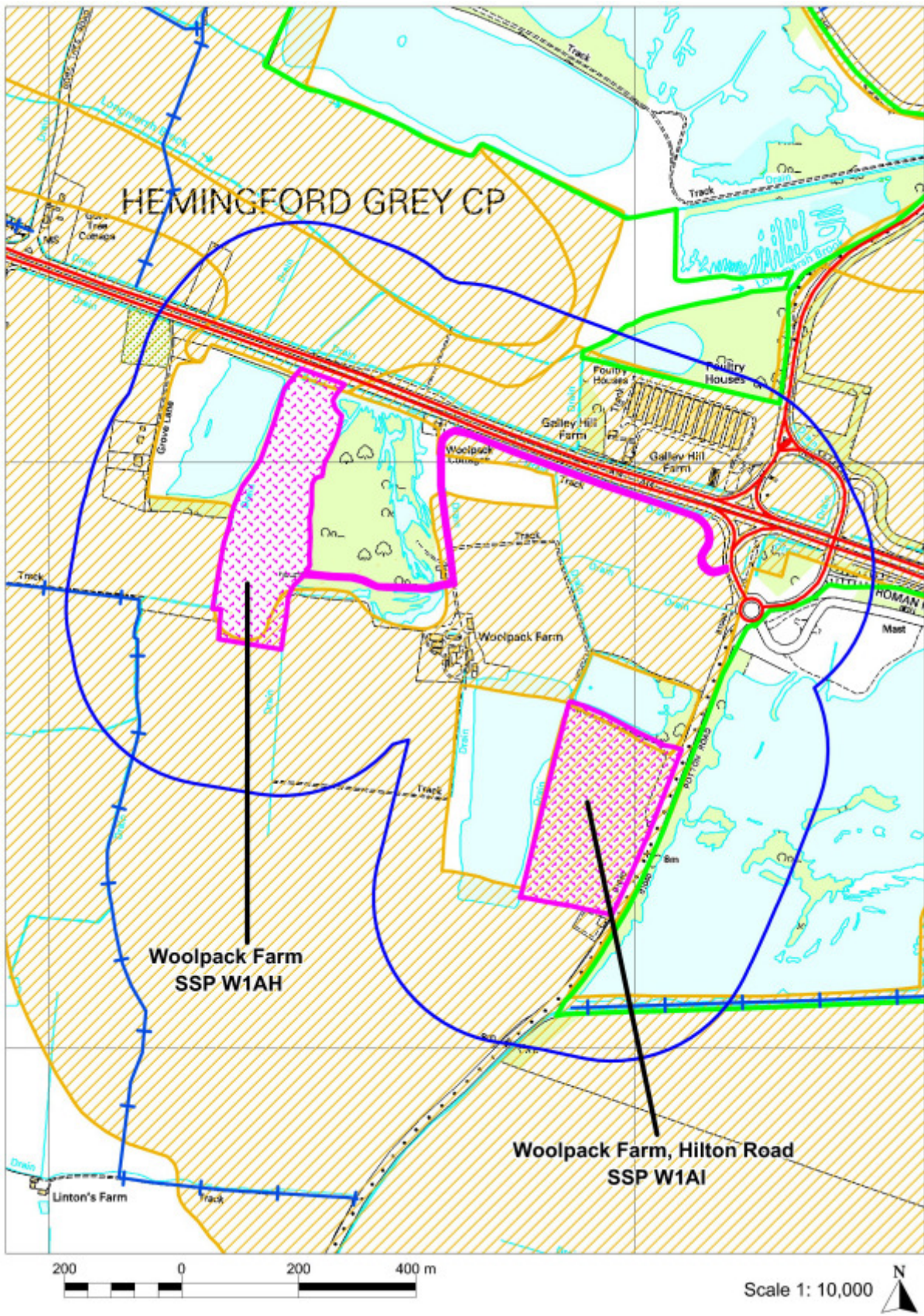
Implementation Issues

8.70 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.71 However, the following will need to be addressed within a planning application:

- Suitable for temporary inert waste recycling only.
- Direct access onto A14 unacceptable need to use existing access to B1040
- New landscaping will be required
- Dust mitigation will be required
- Potential need for Flood Risk Assessment
- Ecological and other environmental impacts should be assessed and addressed including protected species surveys.
- Archaeological assessment and mitigation as appropriate
- Amenity issues in respect of sensitive receptors

8.1.35 SSP W1AI - Woolpack Farm, Hilton Road (SSP W8BU)



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Summary

Site Name	Woolpack Farm, Hilton Road
Description of Proposed Use	Temporary inert recycling to help A14 upgrade
Area	6 (ha)
Approximate Timescale	Temporary inert recycling to help A14 upgrade
District	Huntingdonshire
Parish	Hemingford Grey
Grid Ref	TL 299 684

Site Characteristics
<ul style="list-style-type: none"> • Site lies in an area of strategic greenspace enhancement • Site close to sensitive receptors • The site is a former quarry and landfill and part of the overall site has planning permission for a landfill. • The site is located off the B1040 Route, south of junction 26 of the A14 route. • Close proximity to County Wildlife Site(Fenstanton Pits (West End Pits), and 0.9km from Hemingford Grey Meadow SSSI

Implementation Issues

8.72 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.73 However, the following will need to be addressed within a planning application:

- HCV routing agreements should provide for access from primarily Galley Hill (existing A14). A temporary use for inert waste recycling and ancillary uses as part of the A14 trunk road upgrade only is acceptable
- Site should be restored to an agricultural after use in accordance with current planning permission.
- Ecological and other environmental impacts should be assessed at planning application stage including potential impact on County Wildlife Site and Protected Species surveys.
- Measures should be taken to mitigate pollution, noise, dust etc

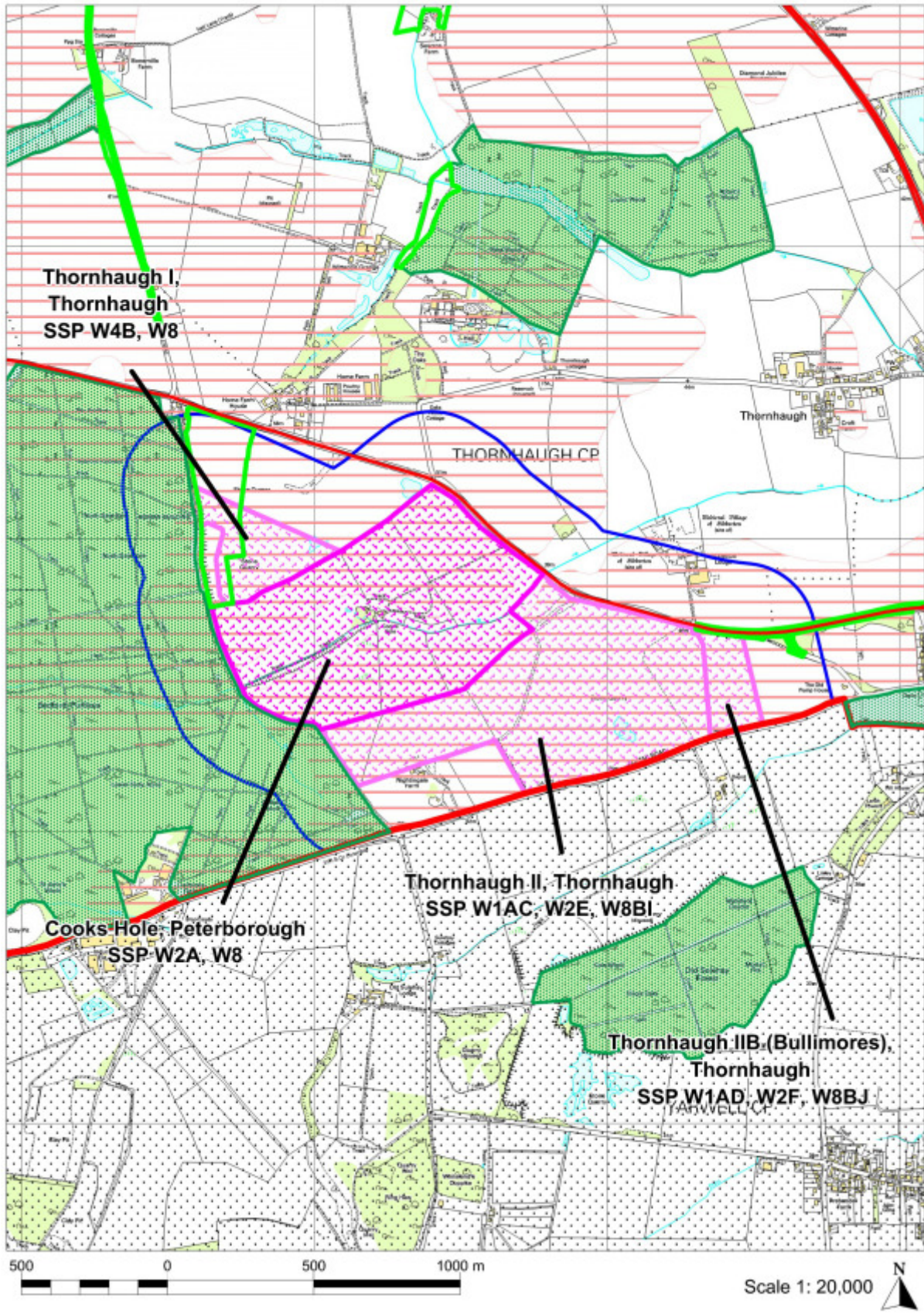
8.2 Inert Landfill Site Profiles

Inert Landfill Allocations

Policy Ref:	Site Name	Map Ref
W2A	Cooks Hole, Peterborough	76
W2B	Cottenham	77
W2C	Cross Leys Quarry, Wittering	48
W2D	Maxey East, Maxey	57
W2E	Thornhaugh II, Thornhaugh	69
W2F	Thornhaugh IIB (Bullimore's), Thornhaugh	70

8.74 Site profiles and maps for referenced below.

8.2.1 SSP W2A - Cooks Hole, Peterborough (SSP W8I)



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Summary

Site Name	Cooks Hole
Description of Proposed Use	Waste Management
Type	Inert landfill
Area	54.6ha
Approximate Timescale	From 2015 onwards
District	Peterborough
Location Details	Quarry is situated on southern side of the A47 , to the west of Bedford Purlieus.
Grid Ref	TL 048 999

Site Characteristics

- Former ironstone quarry. Limestone originally thrown back as waste may be quarried and further quarrying of limestone and other minerals may take place under a ROMP permission once conditions are updated.
- Bedford Purlieus SSSI lies to the west
- The site has been restored to agriculture

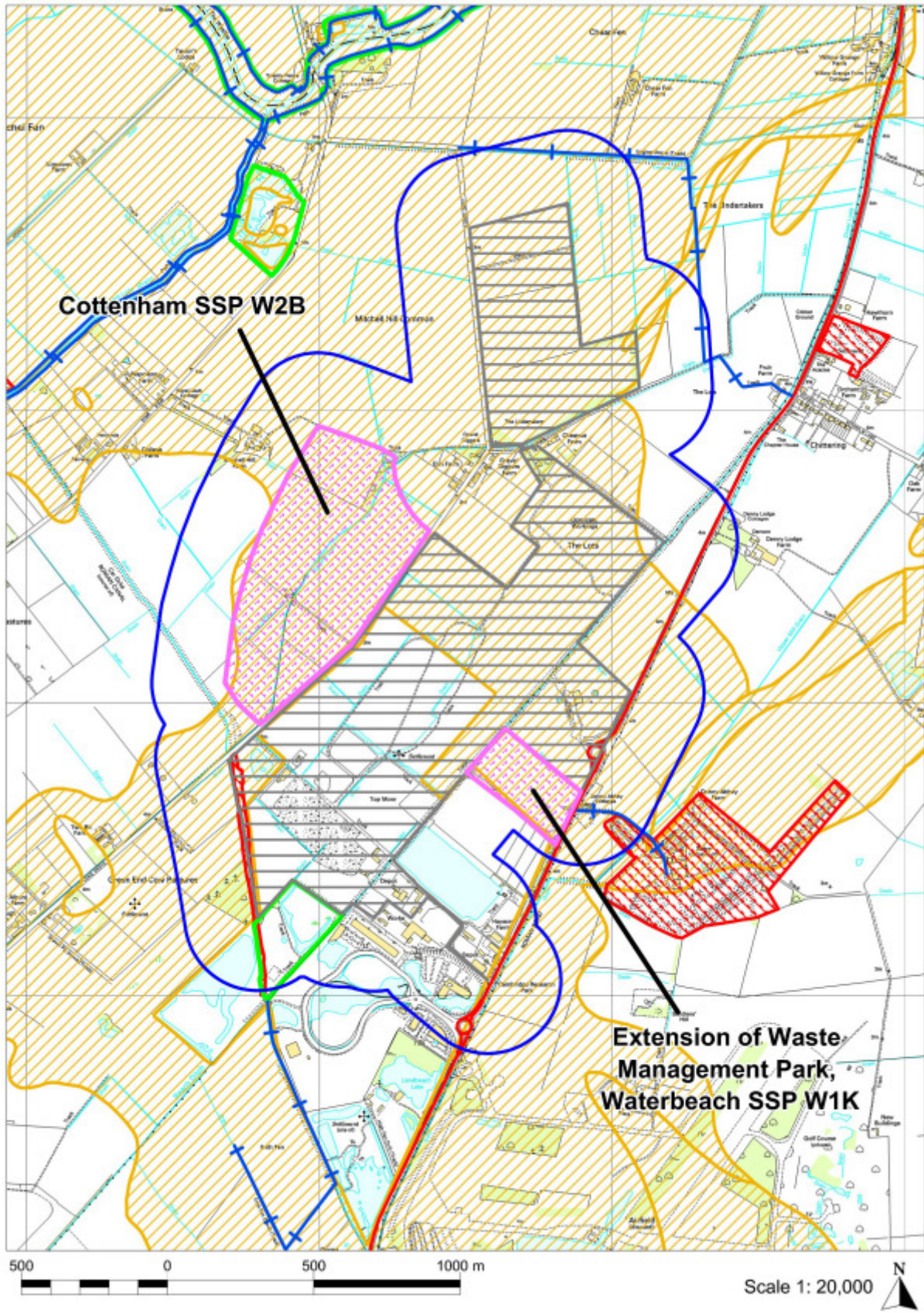
Implementation Issues

8.75 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.76 However, the following are particular issues that will need to be addressed within a planning application for this site:

- The highway authority will need to be satisfied that traffic generated by development of this site would not be detrimental to the safe and free-flow of traffic on this part of the A47
- Access improvement may be required to accommodate the traffic associated with any future mineral extraction or importation of inert waste for restoration purposes. This may more appropriately be served by using the existing access to Thornhaugh 1 quarry
- A hydrological assessment will be required
- An assessment is required to ensure that any landfilling does not adversely impact on the nearby SSSI, Bedford Purlieus
- Measures should be put in place to recycle inert waste prior to landfilling residues.
- It is likely that surveys will need to be undertaken for the presence or otherwise of Great Crested Newts.

8.2.2 SSP W2B - Cottenham (SSP W8J)



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Site Name	Cottenham
Description of Proposed Use	Inert landfill and restoration back to agriculture (following sand and gravel extraction)
Estimated Reserve	Extraction expected to commence around 2014 and last for approximately 15 years
Area	114 ha
Approximate Timescale	Dependant on demand and market conditions
District	South Cambridgeshire
Parish	Cottenham (adjacent to Haddenham, Landbeach, Waterbeach, Stretham & Wilburton)
Grid Ref	TL 480 701

Site Characteristics

- Constraints of flood risk, groundwater protection, impact on the Great Ouse River Corridor and other wildlife habitats and archaeology exist
- Sensitive receptors close to the site i.e. Adjacent residents
- Lands 80% Grade 2 and 20% Grade 3
- In an area of high archaeological importance
- Within airfield safeguarding zone for Cambridge Airport

Implementation Issues

8.77 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.78 However, the following will need to be addressed within a planning application;

- Access should be via Waterbeach Waste Management roundabout on the A10.
- Accident clusters in Cottenham/Wilburton should be considered as part of access proposals, consider proximity to neighbouring junctions.
- Noise and dust will require mitigation
- Restoration scheme to agriculture use at original levels through inert landfill.
- Landscape mitigation will be required.
- Archaeological assessment required and mitigation where appropriate
- Ecological and environmental assessment & mitigation required, included protected species surveys & hydrological assessment.

8.2.3 SSP W2C - Cross Leys Quarry, Wittering (SSP W1H; SSP W8P)

See site profile and map in section 8.1.8

8.2.4 SSP W2D - Maxey East, Maxey (SSP W1Q; SSP W8AL)

See site profile in section 8.1.17

8.2.5 SSP W2E - Thornhaugh II, Thornhaugh (SSP W1AC; SSP W8BI)

See site profile in section 8.1.29

8.2.6 SSP W2F - Thornhaugh IIB (Bullimore's), Thornhaugh (SSP W1AD; SSP W8BJ)

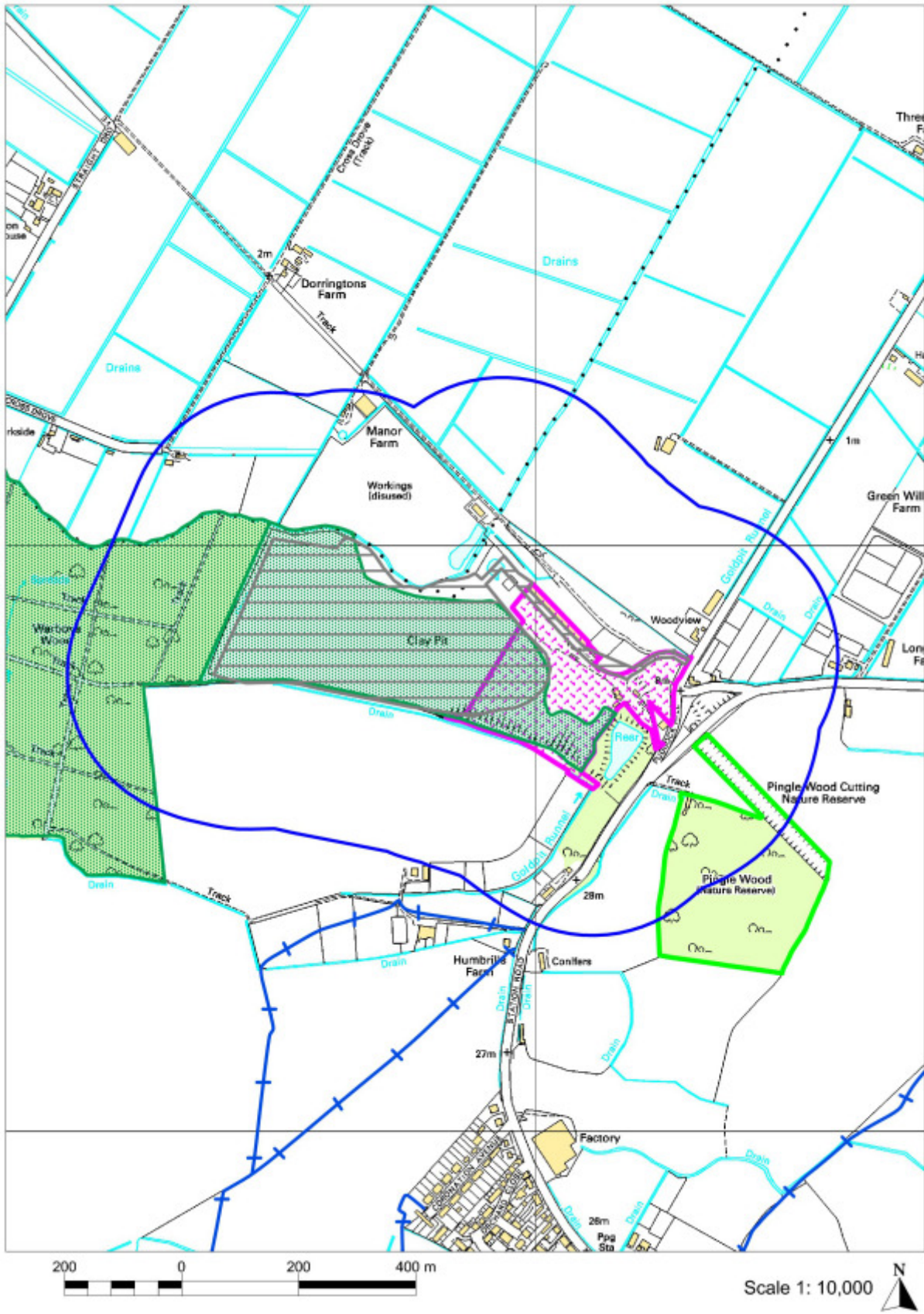
See site profile in section 8.1.30

8.3 Non Hazardous Landfill Site Profiles

Non-Hazardous Landfill Allocations

Policy Ref:	Site Name	Map Ref
W3A	Puddock Hill (Cell 6), Warboys	82

8.3.1 SSP W3A - Puddock Hill (Cell 6), Warboys



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Summary

Site Name	Puddock Hill, Warboys
Description of Proposed Use	Additional non-hazardous landfill through extension & re-engineering of cell 6 of the land fill site.
Estimated Void space	430,000m ³
Area	4.94 ha
Approximate Timescale	Dependant on planning permission & Environmental Permit. Anticipated commencement 2010
District	Huntingdonshire
Parish	Warboys(adjacent to Wistow Parish)
Grid Ref	TL 310 817

Site Characteristics

- The site lies to the north of route A141.
- The sites is adjacent and within Warboys Clay pit SSSI, which is designated for its surface exposure of two Upper Jurassic formations, the Upper Oxford Clay and Ampthill Clay, which are normally only examinable in boreholes.
- The site has existing access onto the road network.
- Site has been previously worked for clay which has resulted in steep gradients to the edge of the excavation and previous deposition of mixed overburden materials. Erosion could composite earlier landfill engineering and give rise to potential pollution concern.

Implementation Issues

8.79 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.80 However, the following will need to be addressed within a planning application:

- Essential that a suitable surface exposure of the notified geology is retained in any future development at the site.
- Environmental Impact Assessment would be required
- The stability and potential pollution issues on this site need to be addressed, this could be done by infilling of the void and securing satisfactory restoration.
- Traffic routing arrangements would need to be secured to minimise HCV traffic passing through Warboys.
- Aerodrome aircraft safeguarding issues (bird strike) would need to be addressed.

8.4 Stable Non Reactive Hazardous Landfill Site Profiles

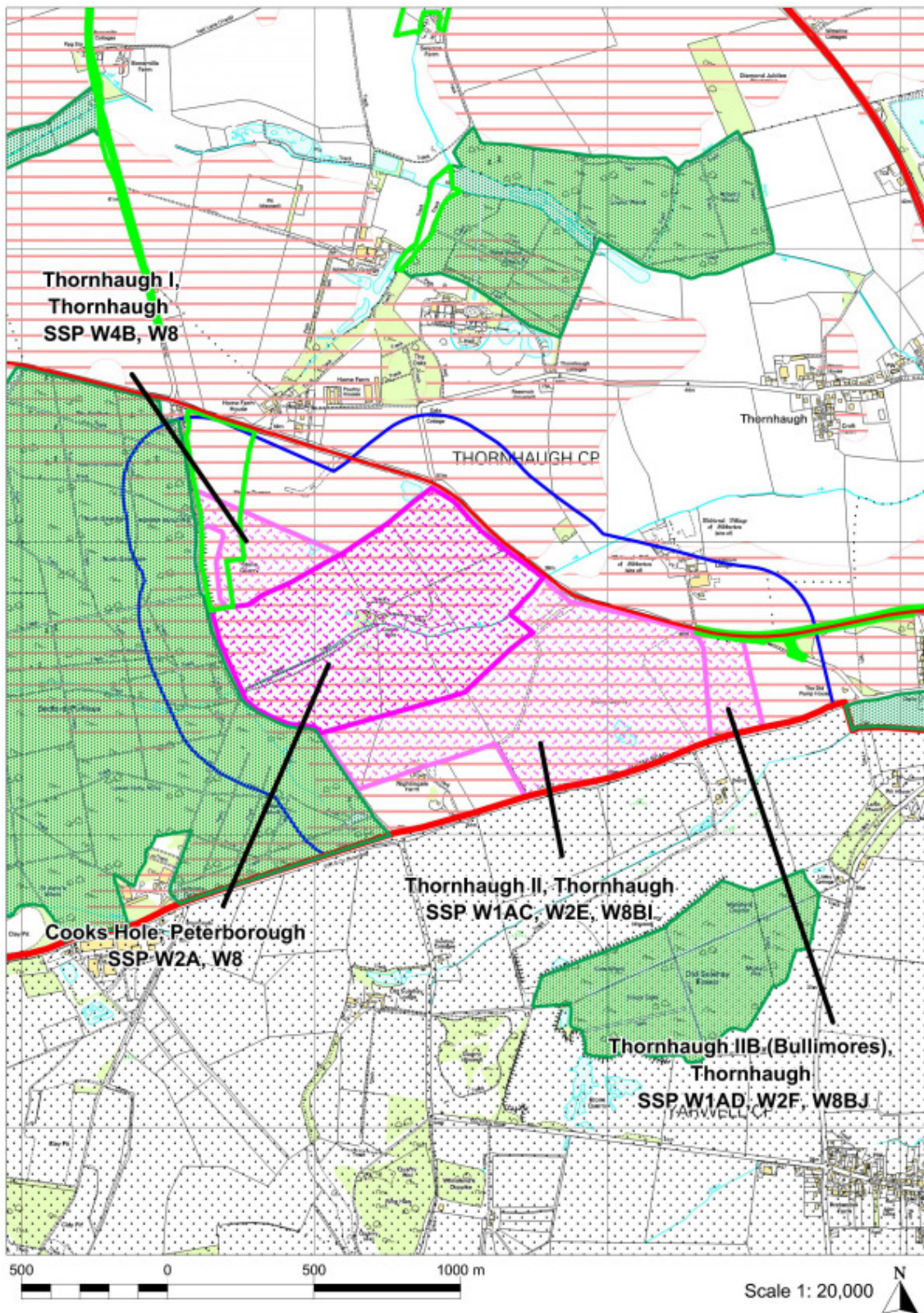
Stable Non Reactive Hazardous Landfill Allocations

Policy Ref:	Site Name	Map Ref
W4A	Grunty Fen, Wilburton	53
W4B	Thornhaugh I, Thornhaugh	84

8.4.1 SSP W4A - Grunty Fen, Wilburton (SSP W1M; W8AB)

8.81 The Grunty Fen, Wilburton, Site Profile and map can be found in Section 8.1.13 under reference SSP W1M

8.4.2 SSP W4B - Thornhaugh I, Thornhaugh (SSP W8BH)



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Summary

Site Name	Thornhaugh I
Description of Proposed Use	Waste Management
Type	Stable non reactive hazardous waste disposal
Area	7.7ha
Approximate Timescale	From 2015 onwards
District	Peterborough
Location Details	Quarry is situated on southern side of the A47 , adjacent to Bedford Purlieus to the west. Site is approximately 1 km to the west of Wansford village and 1 km to the south west of Thornhaugh village. Home Farm dwellings lie to the north of the A47 and the quarry.
Grid Ref	TL 048 999

Site Characteristics

- Former ironstone quarry. Limestone originally thrown back as waste has been requarried.
- Landfill with various wastes has already taken place in northern part of site abutting A47.
- Site is adjacent Bedford Purlieus SSSI
- A county wildlife site, with a population of Great Crested Newts, abuts the western boundary of the area proposed for landfill.
- Site is over a major aquifer

Implementation Issues

8.82 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.83 However, the following are particular issues that will need to be addressed within a planning application for this site:

- There are concerns about the impact this site may have on the A47 trunk road (east of Wansford) and the highway authority will need to be satisfied that traffic generated by development of this site would not be detrimental to the safe and free-flow of traffic on this route.
- Access improvement may be required to accommodate any increase in traffic as a result of the development of this site through the existing access. A ghost island right turn facility designed to accommodate HCV's may be required.
- The proximity of the access to a group of residential properties known as Home Farm to the north needs to be taken into account when considering access options
- A hydrological assessment will be required as the site is above a major aquifer
- An assessment is required of the potential impact on the adjacent county wildlife site and its constituent great crested newt population and any mitigation or monitoring measures required
- An assessment is required to ensure that any landfilling does not adversely impact on the nearby SSSI, Bedford Purlieus
- Site lies partly in Flood Zones 2 and 3

8.5 General Hazardous Landfill Site Profiles

8.84 No allocations are being made for general hazardous landfill.

8.6 Waste Water Treatment Works Site Profiles

8.6.1 SSP W6A - Ely Waste Water Treatment Works (Area of Search) (SSP W7N)

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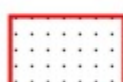

Allocations and Safeguarding / Protection Areas

	Site Allocation		
	Existing Waste Water Treatment Works		Waste Water Treatment Works Safeguarding Area
	Sustainable Transport Facility		Transport Protection Zone

Mineral Safeguarding Areas

	Brickclay Safeguarding Areas		Limestone Safeguarding Areas
	Chalk Safeguarding Areas		Sand & Gravel Safeguarding Areas

Additional Features

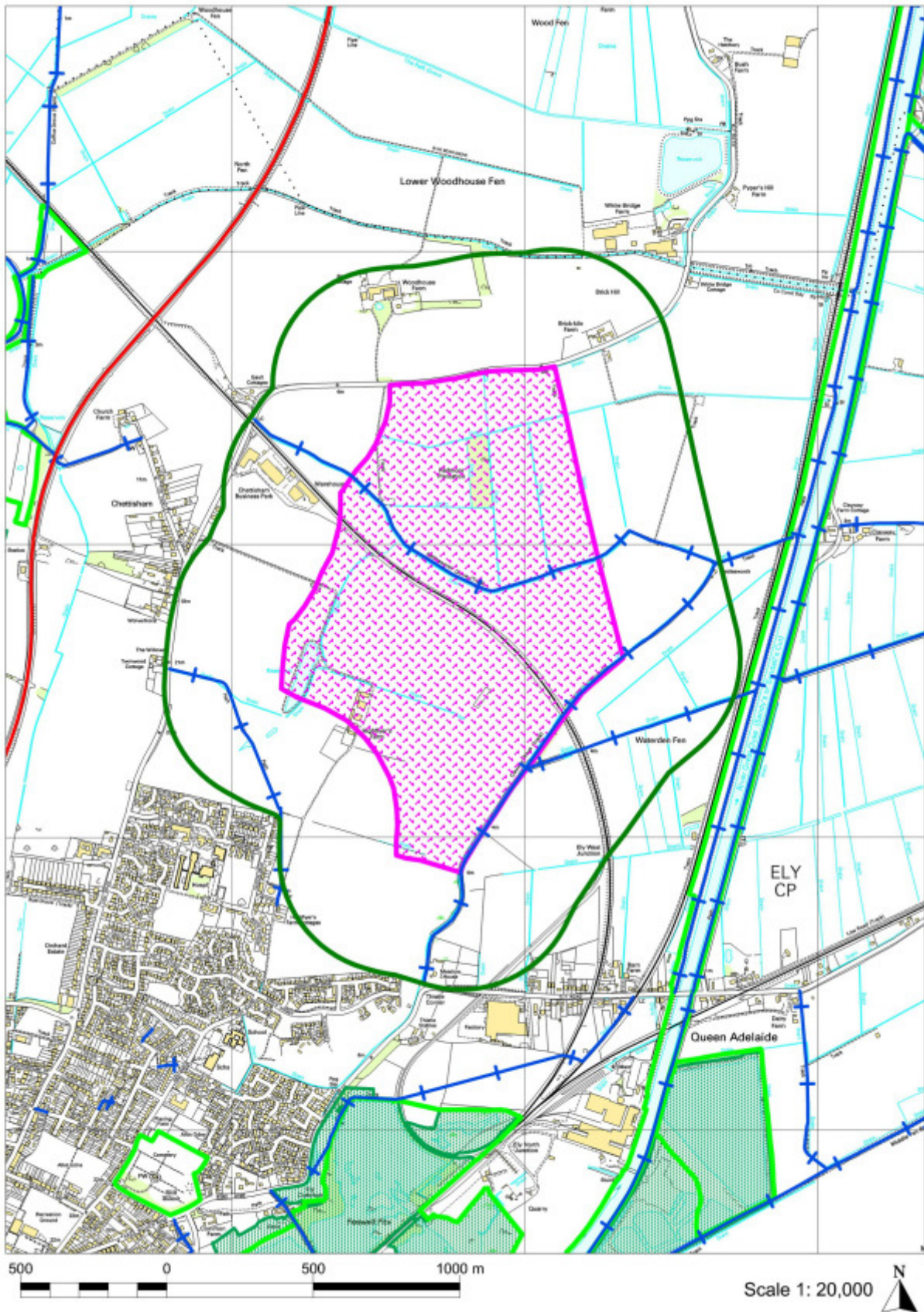
	European Designations (Special Protection Areas, Special Areas of Conservation & Ramsars)		Rights of Way
	National Designations (Sites of Special Scientific Interest)		Major Roads
	Local Designations (County & City Wildlife Sites & Local Nature Reserves)		Area Beyond Plan Boundary
			Scheduled Ancient Monuments

Waste Water Treatment Works

8.85 The following allocation is made for a new Waste Water Treatment Works. A map and site profile follows.

Ref	Site Name	Proposals Map Inset No.
A	Ely Waste Water Treatment Works (Area of Search)	85

SSP W6A - Ely Waste Water Treatment Works (Area of Search) (SSP W7AN)



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Summary

Site Name	Area of Search, Ely North
Description of Proposed Use	New Waste Water Treatment Works in Ely
Area	193.96 ha
Approximate Timescale	Dependant on planned development north of Ely and re- development of the existing waste waster treatment works at Lisle Lane,Ely.
District	East Cambridgeshire
Parish	Ely
Grid Ref	TL 555 825

Site Characteristics

- The site fronts the Lynn Road (C315); traffic flow is considered to be light.
- The site is located on the high ground of the Isle of Ely – an area favoured for settlement from the prehistoric period.
- Part of this site has been identified in East Cambridgeshire emerging Core Strategy as a preferred area of search for housing.
- The site is located within close proximity to Protected Species, River Ouse; a County Wildlife Site is located Aprox 450 metres away, Chettisham meadows aprox 570 metres away, Little Downham local nature reserve is 2.5 km away, 500 metres from Ely Pitts and Meadows SSSI, wetlands notified for the presence of Bittern and breeding bird assemblage.
- Grade 2 Agricultural Land

Implementation Issues

8.86 Detailed assessment of development impacts and mitigation techniques will be required as part of any individual development proposal through the planning process.

8.87 However, the following will need to be addressed within a planning application:

- Traffic impact assessment required for any proposed development – appropriate arrangements for HCV movements avoiding residential areas.
- Consideration should be given to the setting and views to Ely Cathedral.
- Evidence of Iron Age and Roman Settlement would require an archaeological survey to be carried out when identifying any potential sites for WWT plants.
- Landscaping to the protect the visual amenity in the area.
- Environmental and ecological surveys required, addressing the potential impact any proposed development would have on nearby protected species, water quality and quantity, hydrological regime, and the potential environmental impact on the nearby Wetlands.
- Design of the facility should reflect the, “The location and Design of Waste Management Facilities” (Supplementary Planning Document).
- Site specific location to be determined through master planning process.
- New waste water treatment works should be at least 400m from occupied development.

8.7 Waste Water Treatment Works Safeguarding Areas

LEGEND








Allocations and Safeguarding / Protection Areas

	Site Allocation		Waste Water Treatment Works Safeguarding Area
	Existing Waste Water Treatment Works		Transport Protection Zone
	Sustainable Transport Facility		

Mineral Safeguarding Areas

	Brickclay Safeguarding Areas		Limestone Safeguarding Areas
	Chalk Safeguarding Areas		Sand & Gravel Safeguarding Areas

Additional Features

	European Designations (Special Protection Areas, Special Areas of Conservation & Ramsars)		Rights of Way
	National Designations (Sites of Special Scientific Interest)		Major Roads
	Local Designations (County & City Wildlife Sites & Local Nature Reserves)		Area Beyond Plan Boundary
			Scheduled Ancient Monuments

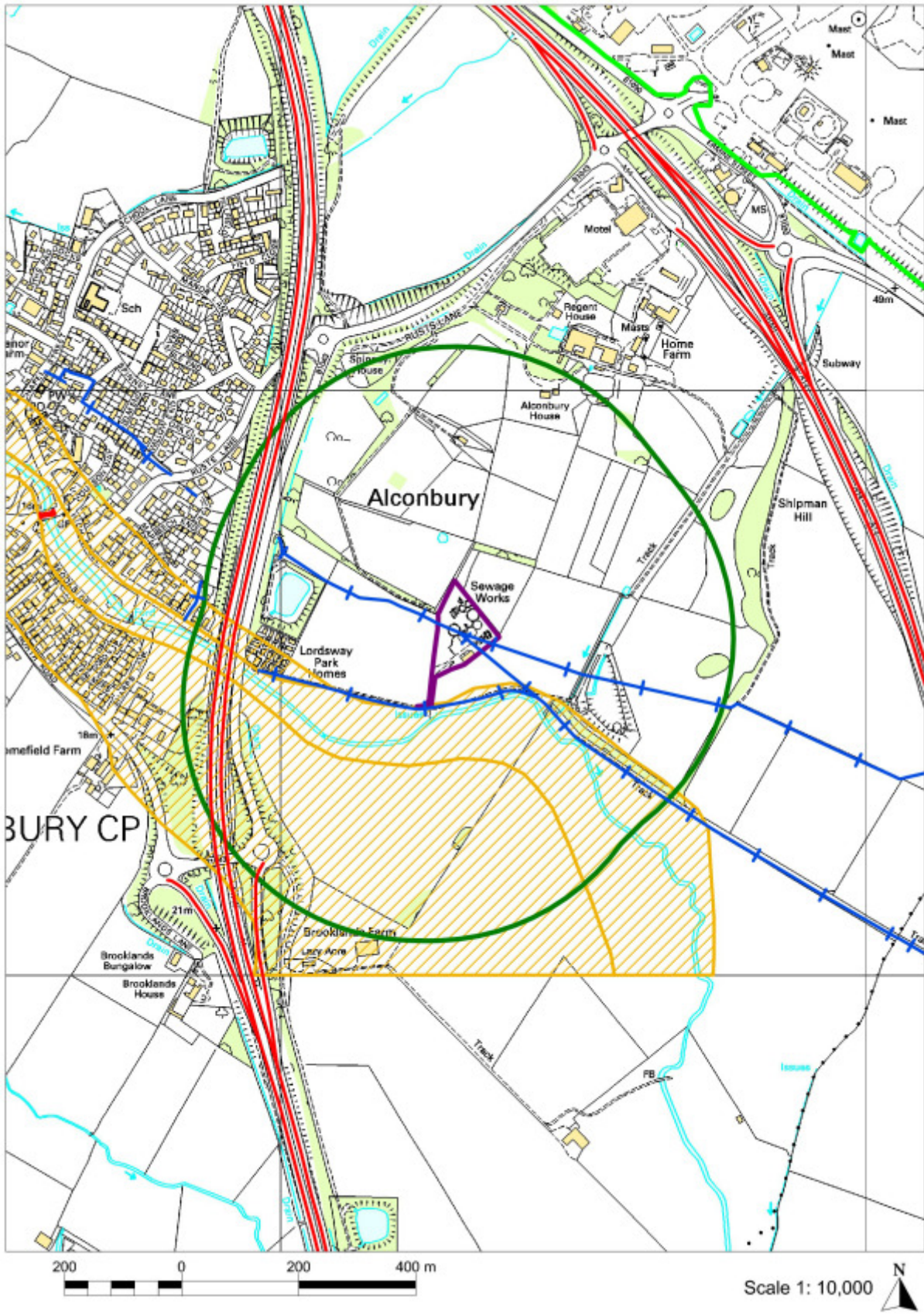
Waste Water Treatment Works Safeguarding Areas

The following are allocated as Waste Water Treatment Works Safeguarding Areas. Maps and profiles follow.

Ref	Asset Name	Asset Location	Proposals Map Ref No.
A	Alconbury STW	Huntingdonshire District	86
B	Balsham STW	South Cambridgeshire District	87
C	Bassingbourn STW	South Cambridgeshire District	88
D	Bottisham STW	East Cambridgeshire District	89
E	Bourn STW	South Cambridgeshire District	90
F	Brampton STW (Cambs)	Huntingdonshire District	91
G	Buckden STW	Huntingdonshire District	92
H	Burwell STW	East Cambridgeshire District	93
I	Cambridge STW	Cambridge City	94
J	Chatteris-Nightlayer Fen STW	East Cambridgeshire District	95
K	Doddington STW	Fenland District	96
L	Duxford STW	South Cambridgeshire District	97
M	Ely (Old) STW	East Cambridgeshire District	98
N	Ely Waste Water Treatment Works (Area of Search)	East Cambridgeshire District	85
O	Ely-New STW	East Cambridgeshire District	99
P	Foxton STW (Cambs)	South Cambridgeshire District	100
Q	Gamlingay STW	South Cambridgeshire District	101
R	Haddenham STW	East Cambridgeshire District	102
S	Haslingfield-STW	South Cambridgeshire District	103
T	Huntingdon (Godmanchester) STW	Huntingdonshire District	104
U	Isleham STW	East Cambridgeshire District	105
V	Kimbolton STW	Huntingdonshire District	106
W	Linton STW	South Cambridgeshire District	107
X	Little Downham STW	East Cambridgeshire District	108
Y	Littleport STW	East Cambridgeshire District	109
Z	March STW	Fenland District	110
AA	Melbourn STW	South Cambridgeshire District	111
AB	Needingworth STW	Huntingdonshire District	112
AC	Oldhurst STW	Huntingdonshire District	113
AD	Over STW	South Cambridgeshire District	114
AE	Papworth Everard STW	South Cambridgeshire District	115

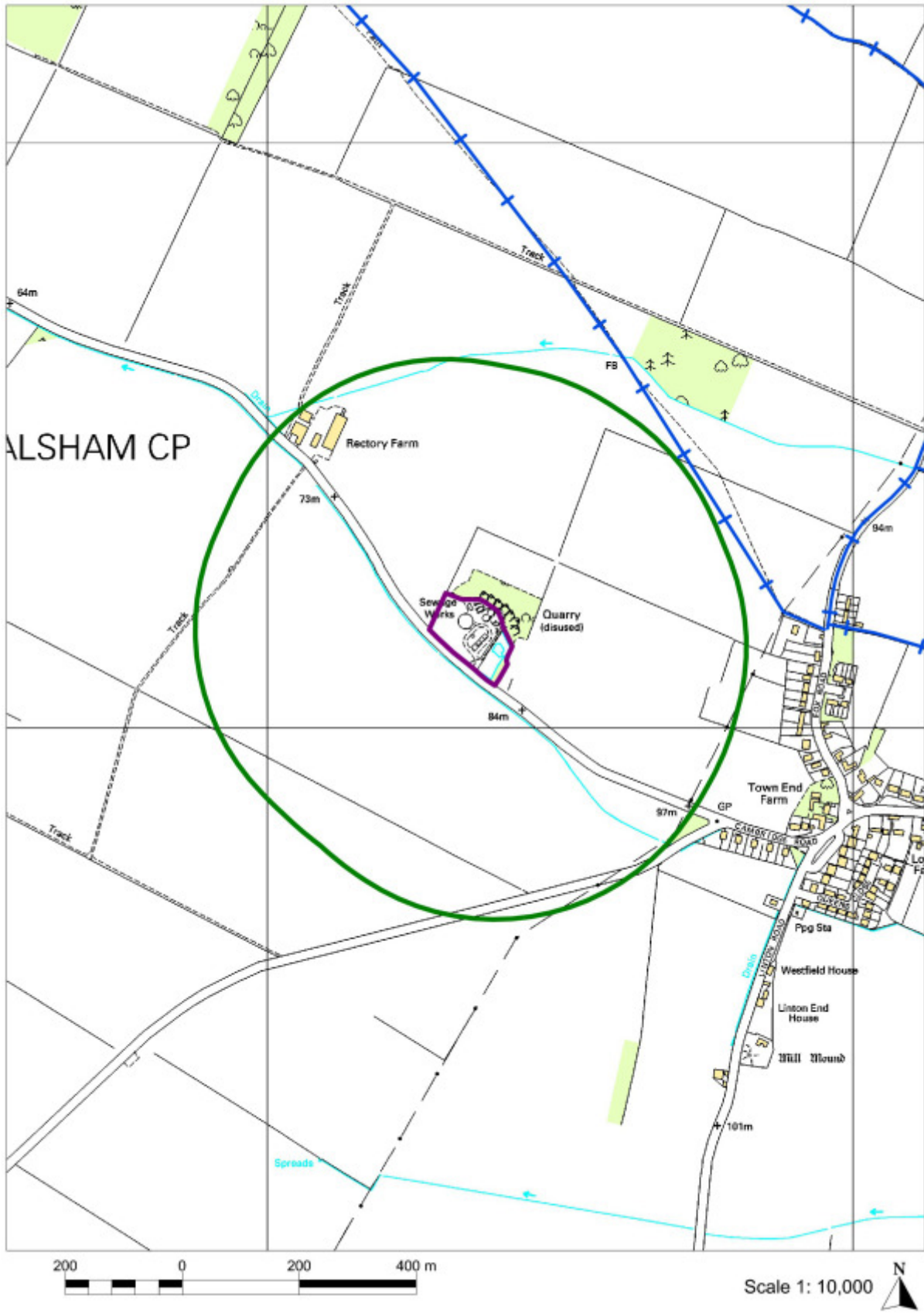
Ref	Asset Name	Asset Location	Proposals Map Ref No.
AF	Peterborough (Flag Fen) STW	Peterborough Unitary Authority Area	116
AG	Ramsey STW	Huntingdonshire District	117
AH	Royston STW	South Cambridgeshire District	118
AI	Sawston STW	South Cambridgeshire District	119
AJ	Sawtry STW	Huntingdonshire District	120
AK	Soham STW	East Cambridgeshire District	121
AL	Somersham STW (Cams)	Huntingdonshire District	122
AM	St Ives STW	Huntingdonshire District	123
AN	St Neots STW	Huntingdonshire District	124
AO	Stamford STW	Peterborough Unitary Authority Area	125
AP	Stretham STW	East Cambridgeshire District	126
AQ	Teversham STW	South Cambridgeshire District	127
AR	Uttons Drove STW	South Cambridgeshire District	128
AS	Waterbeach STW	South Cambridgeshire District	129
AT	Whittlesey STW	Fenland District	130
AU	Witcham STW	East Cambridgeshire District	131
AV	Witchford STW	East Cambridgeshire District	132
AW	Wyton (RAF) STW	Huntingdonshire District	133

8.7.1 SSP W7A - Alconbury STW



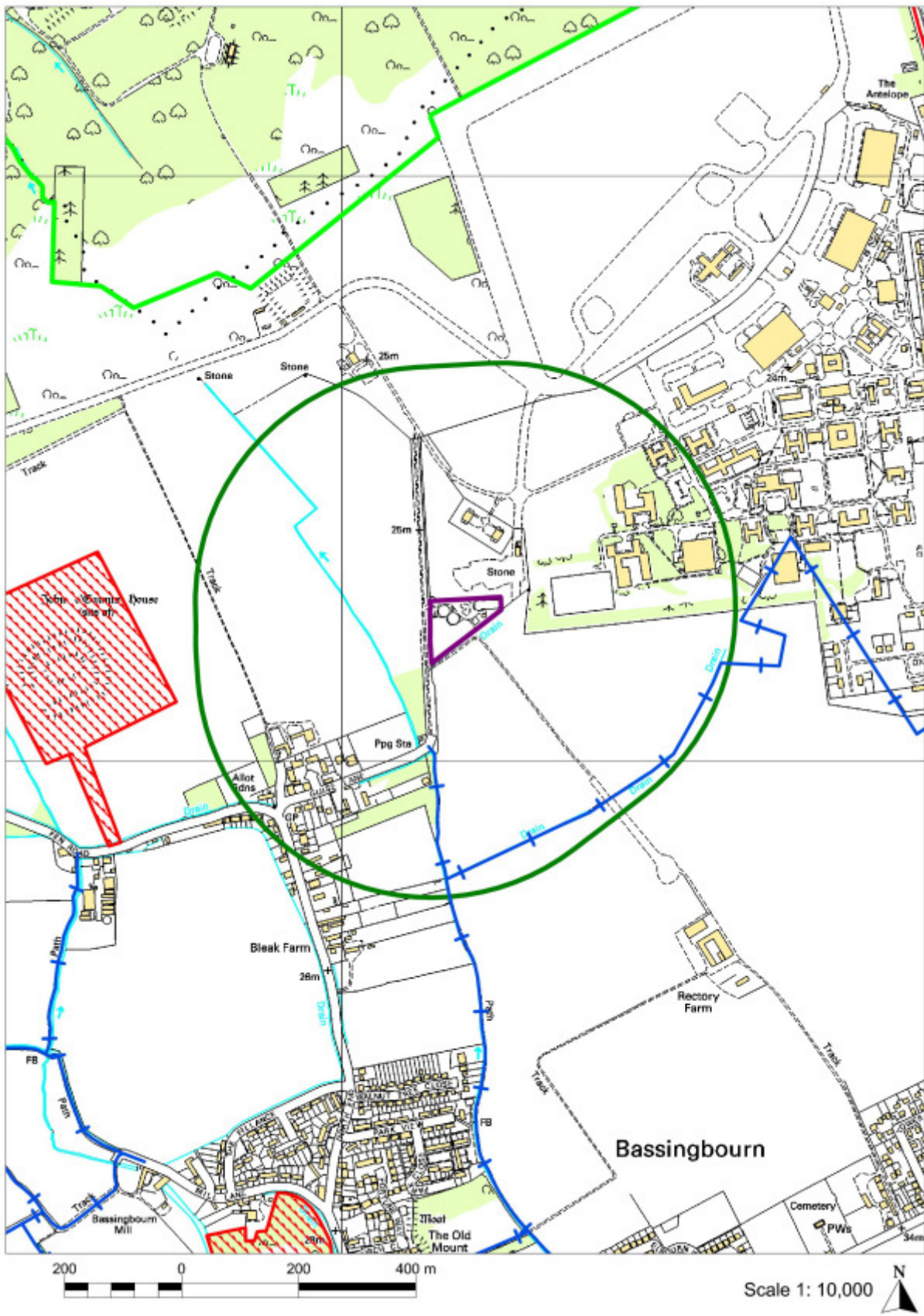
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8.7.2 SSP W7B - Balsham STW



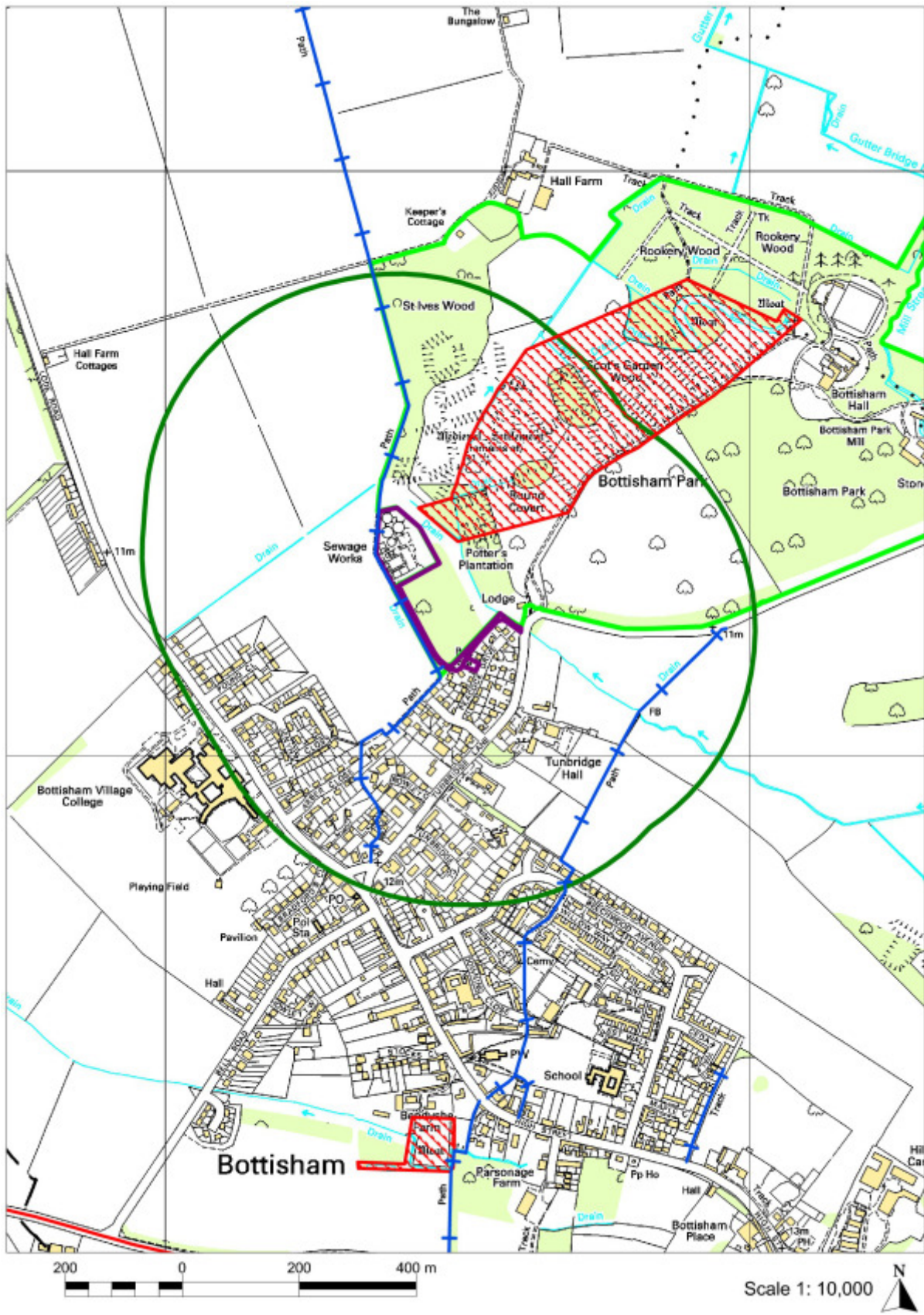
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8.7.3 SSP W7C - Bassingbourn STW



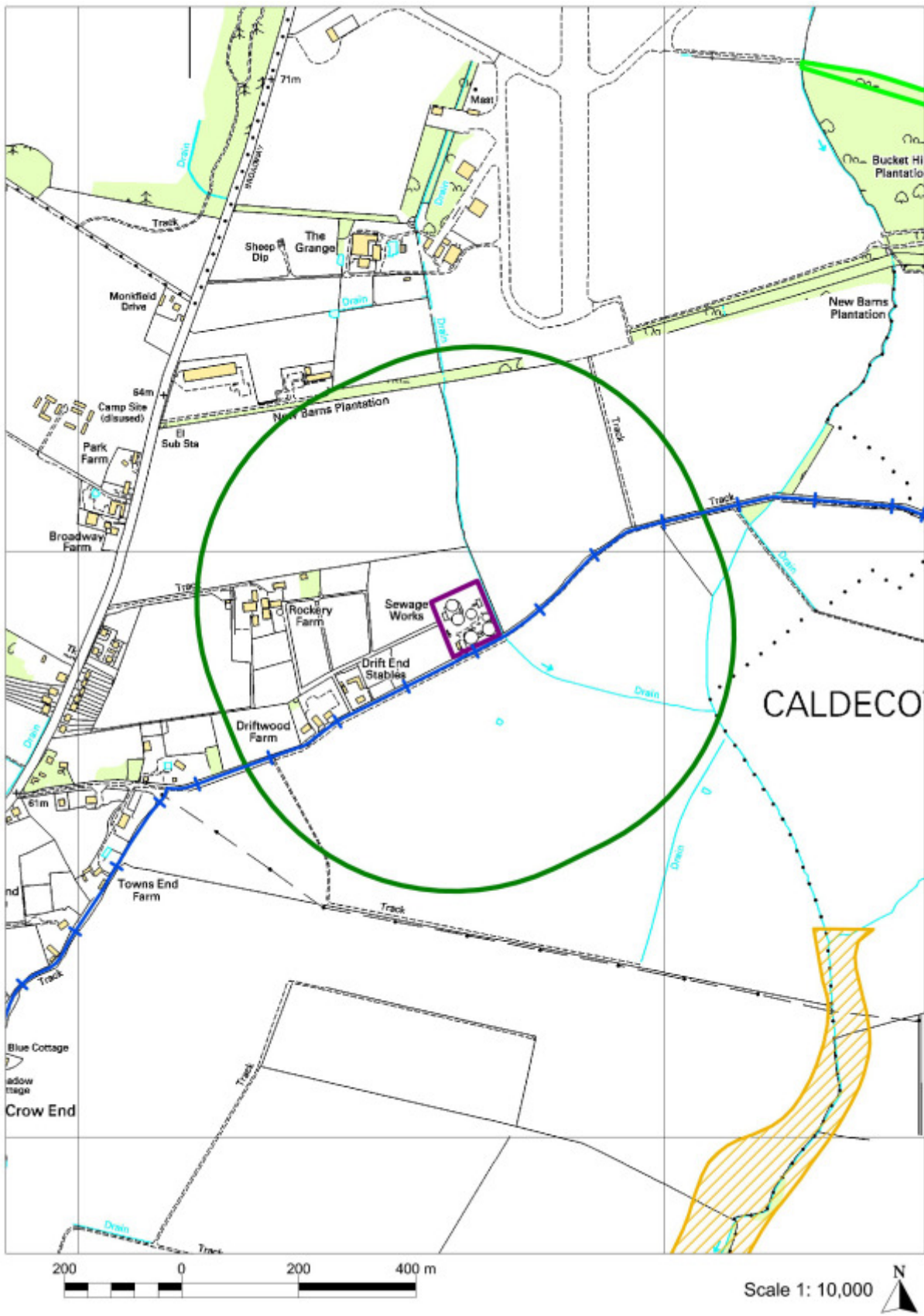
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8.7.4 SSP W7D - Bottisham STW



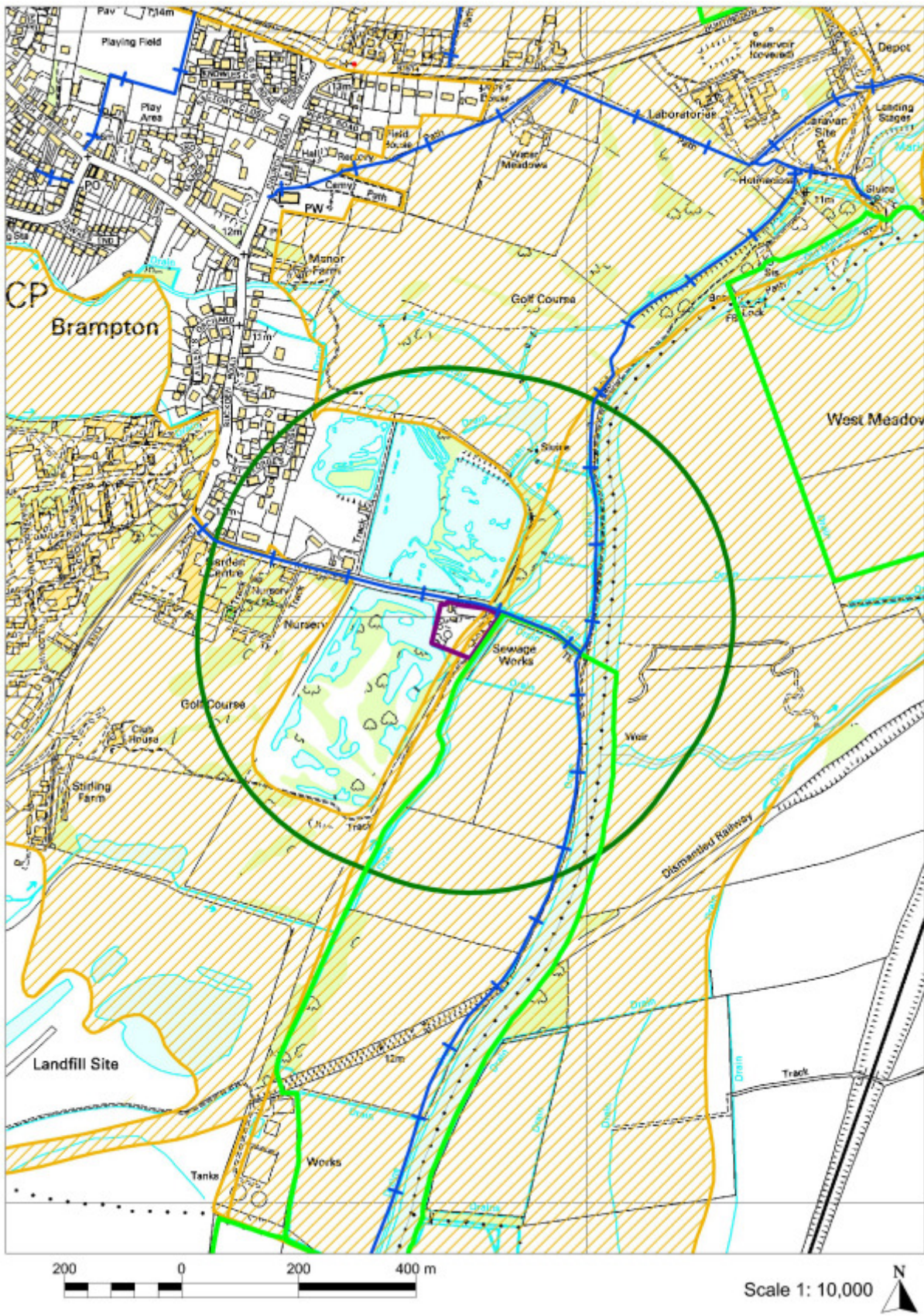
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8.7.5 SSP W7E - Bourn STW



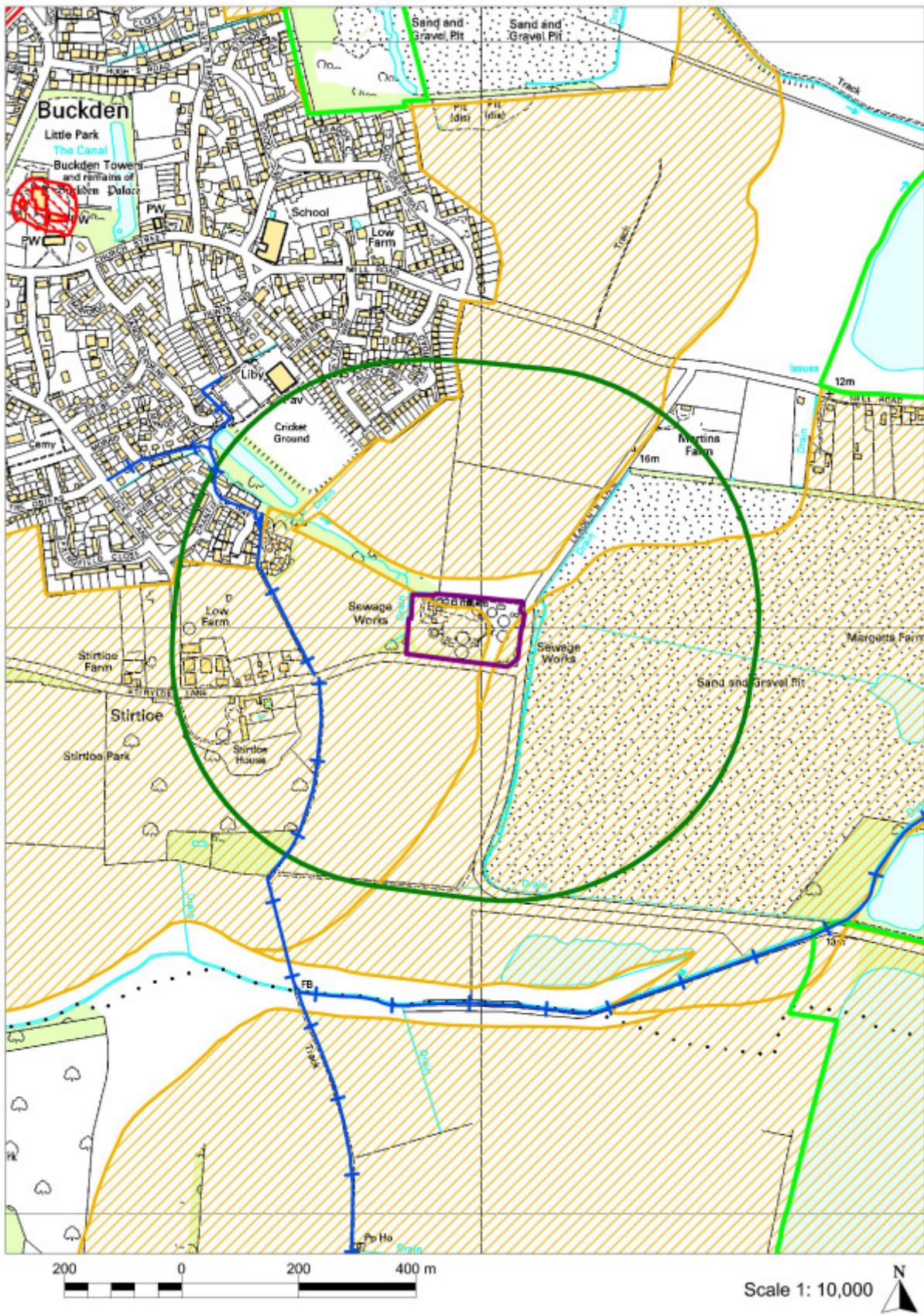
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8.7.6 SSP W7F - Brampton (Cambs) STW



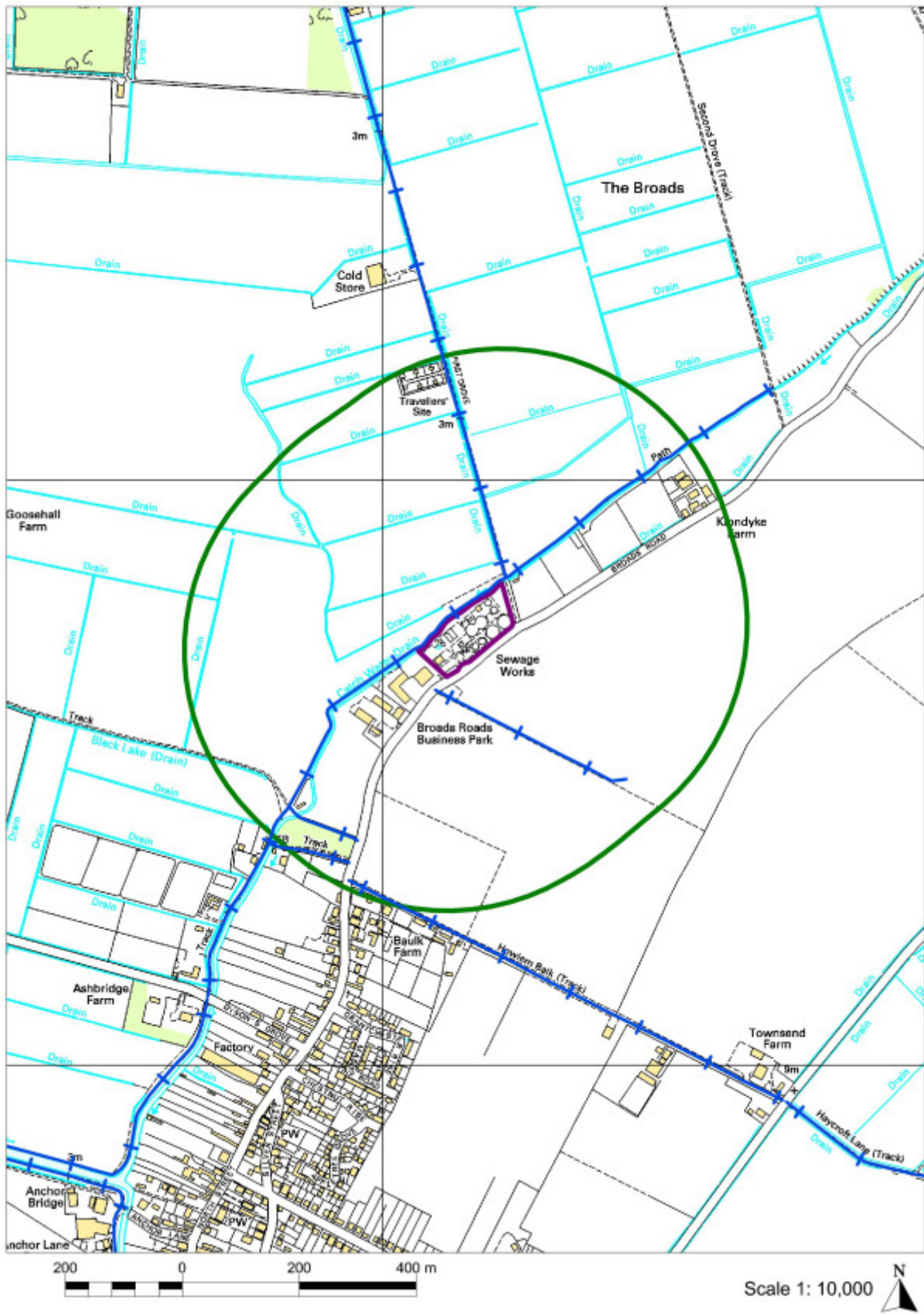
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8.7.7 SSP W7G - Buckden STW



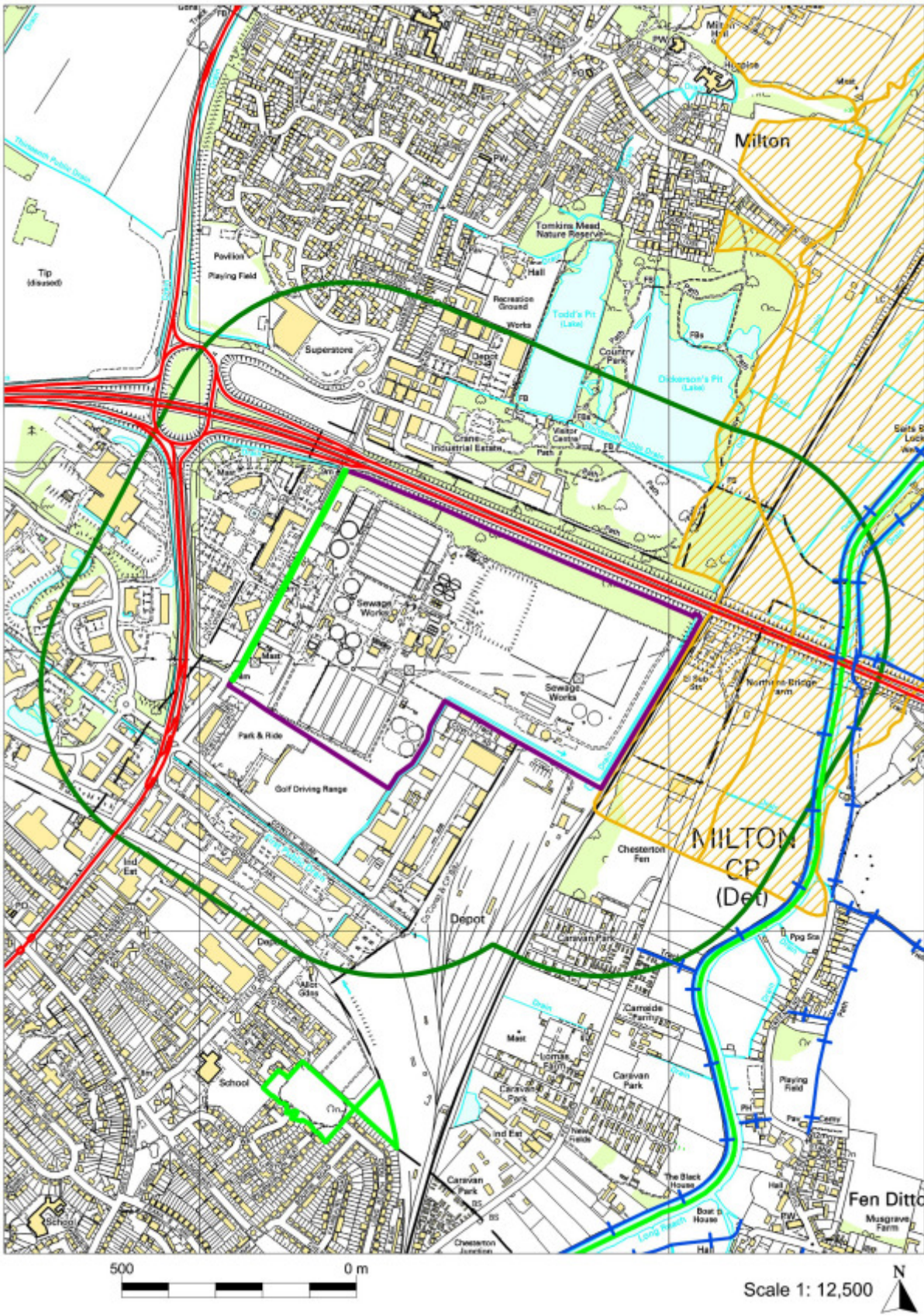
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8.7.8 SSP W7H - Burwell STW



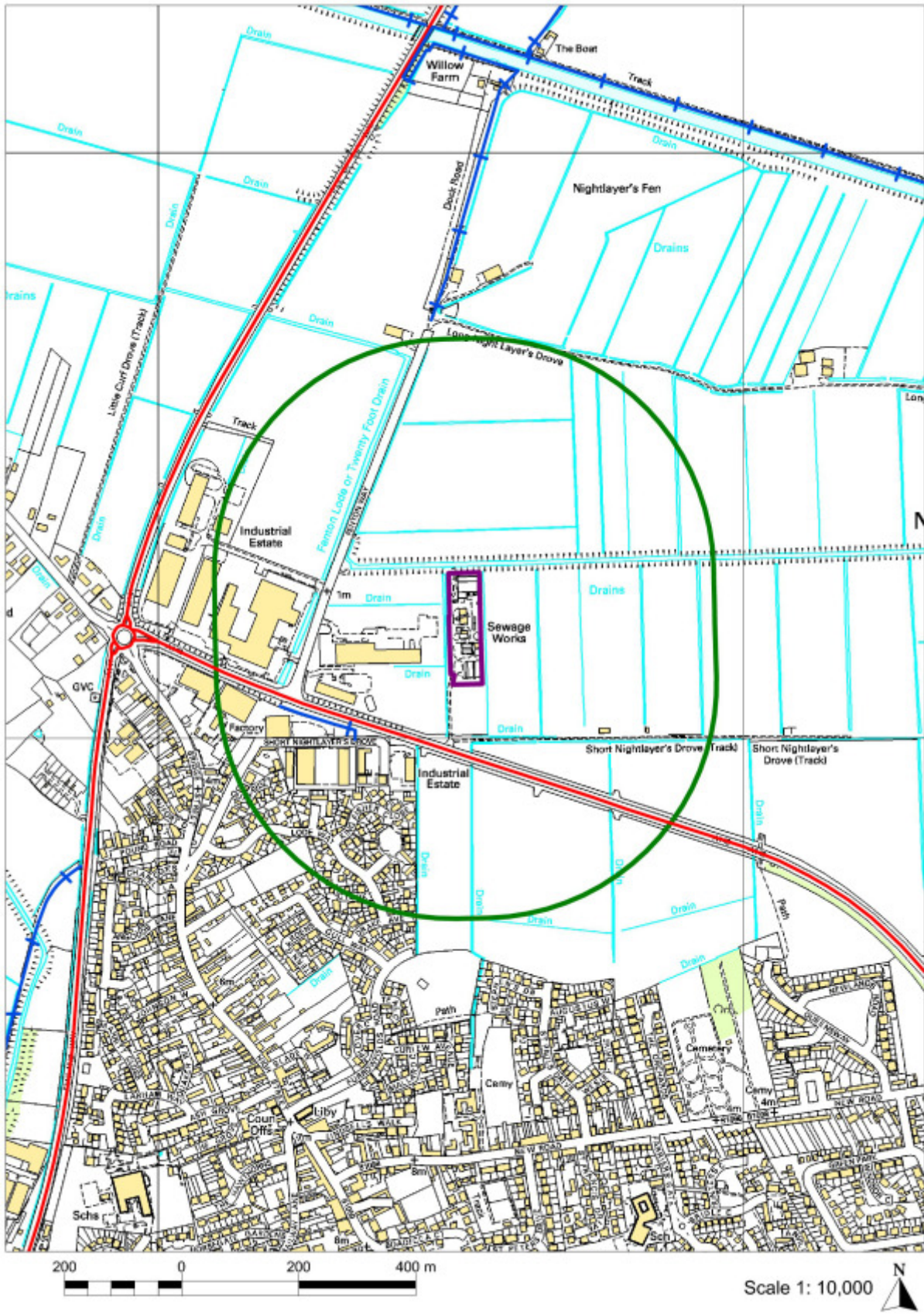
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8.7.9 SSP W7I - Cambridge STW



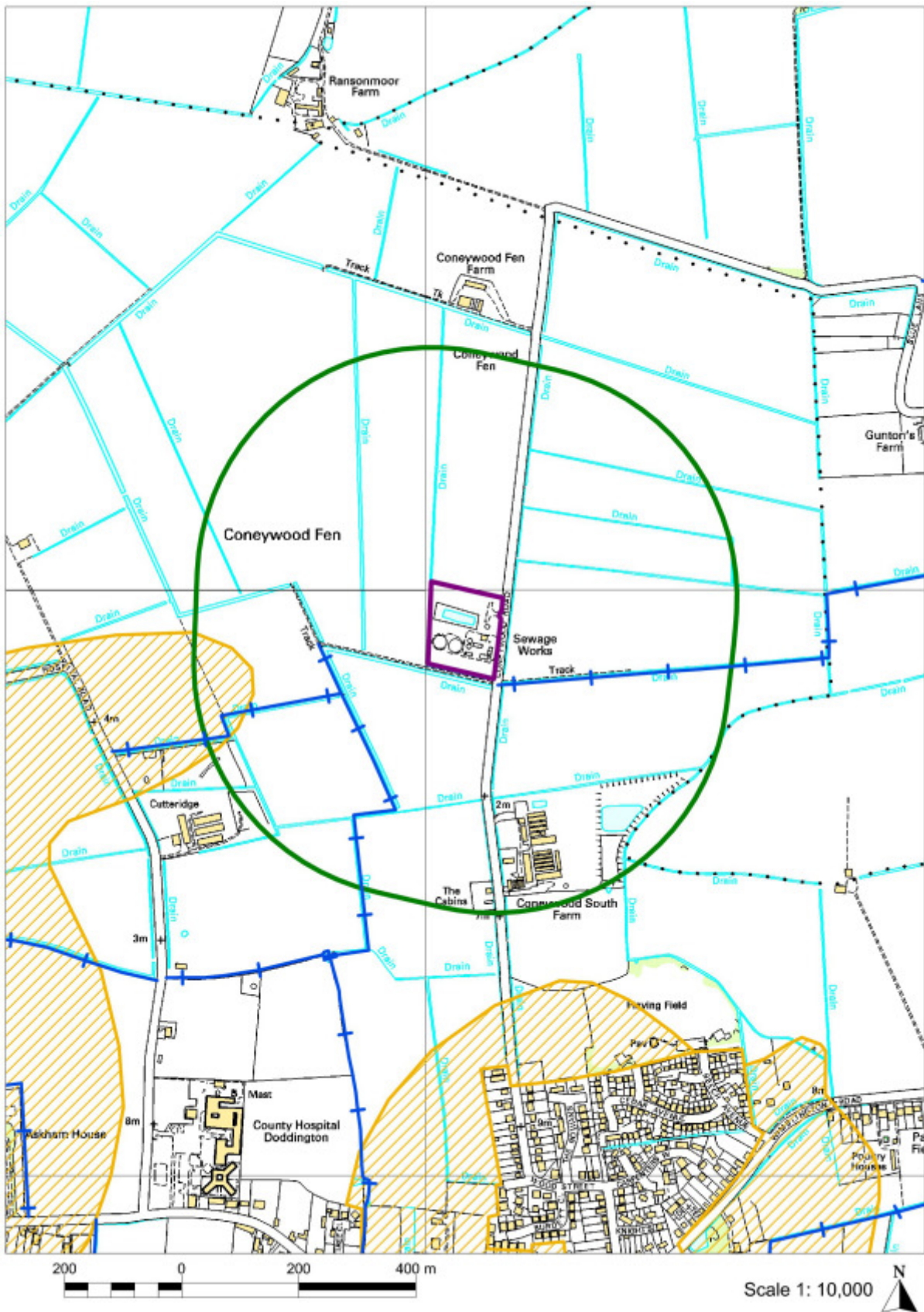
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8.7.10 SSP W7J - Chatters-Nightlayer Fen STW



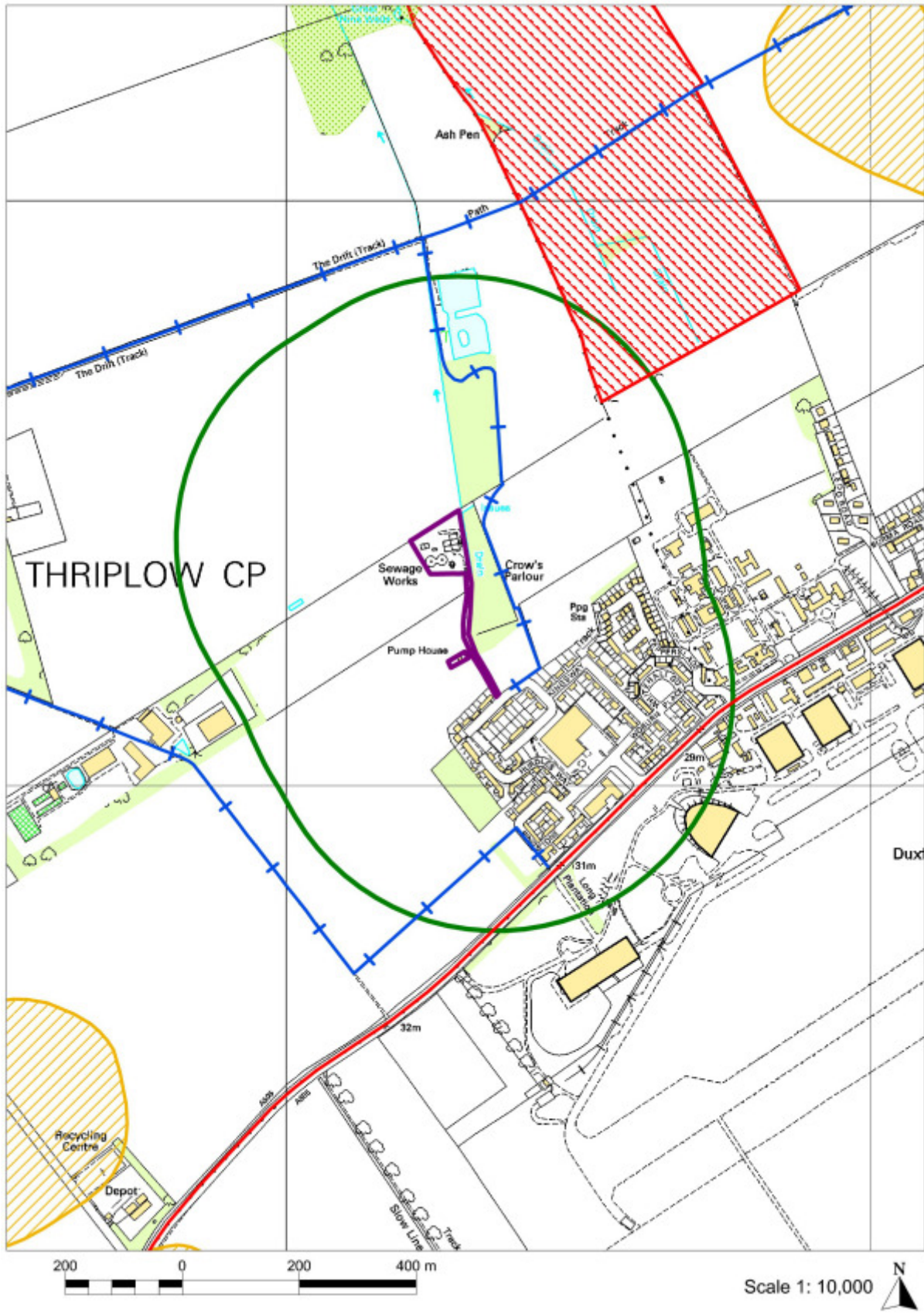
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8.7.11 SSP W7K - Doddington STW



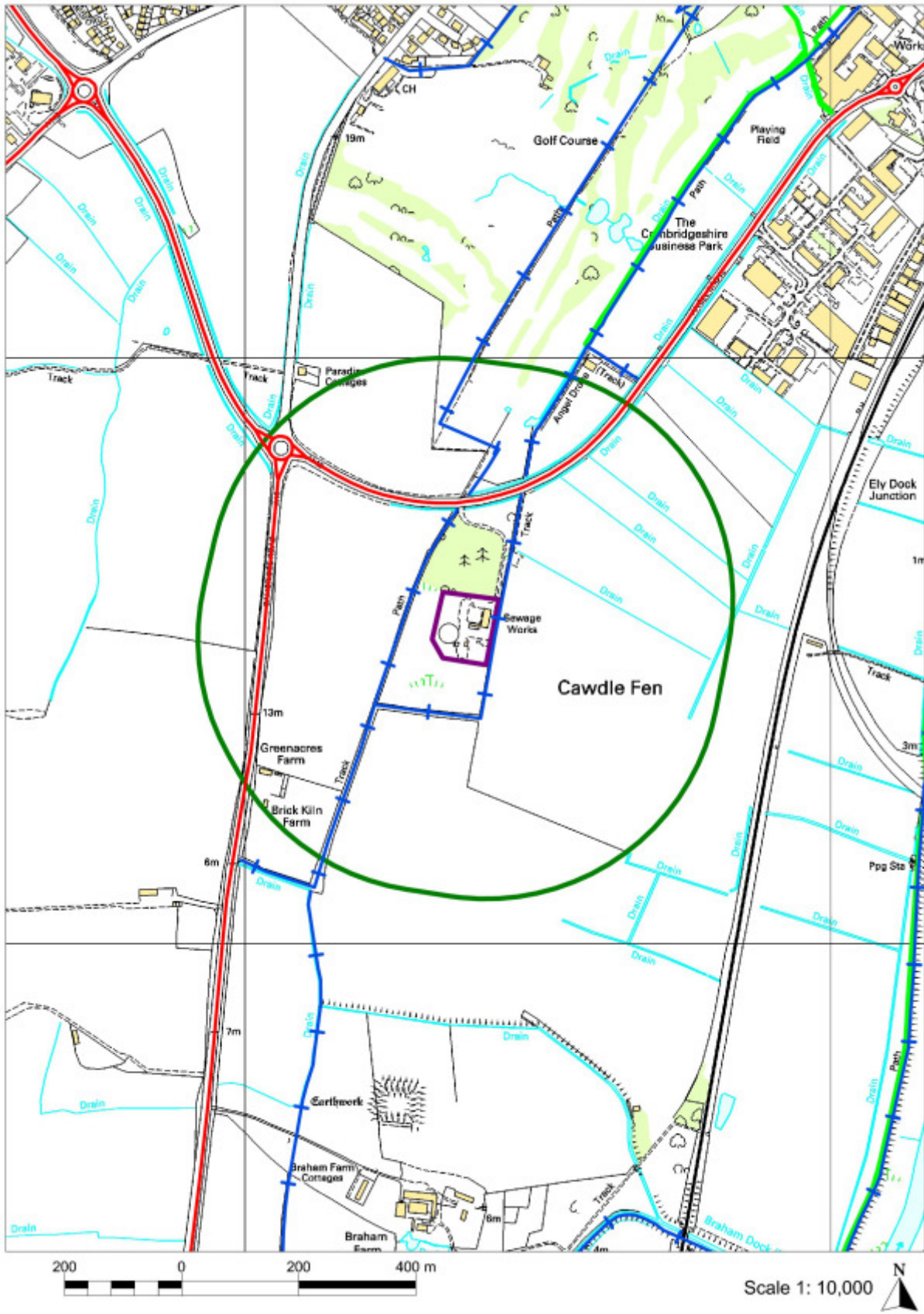
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8.7.12 SSP W7L - Duxford STW



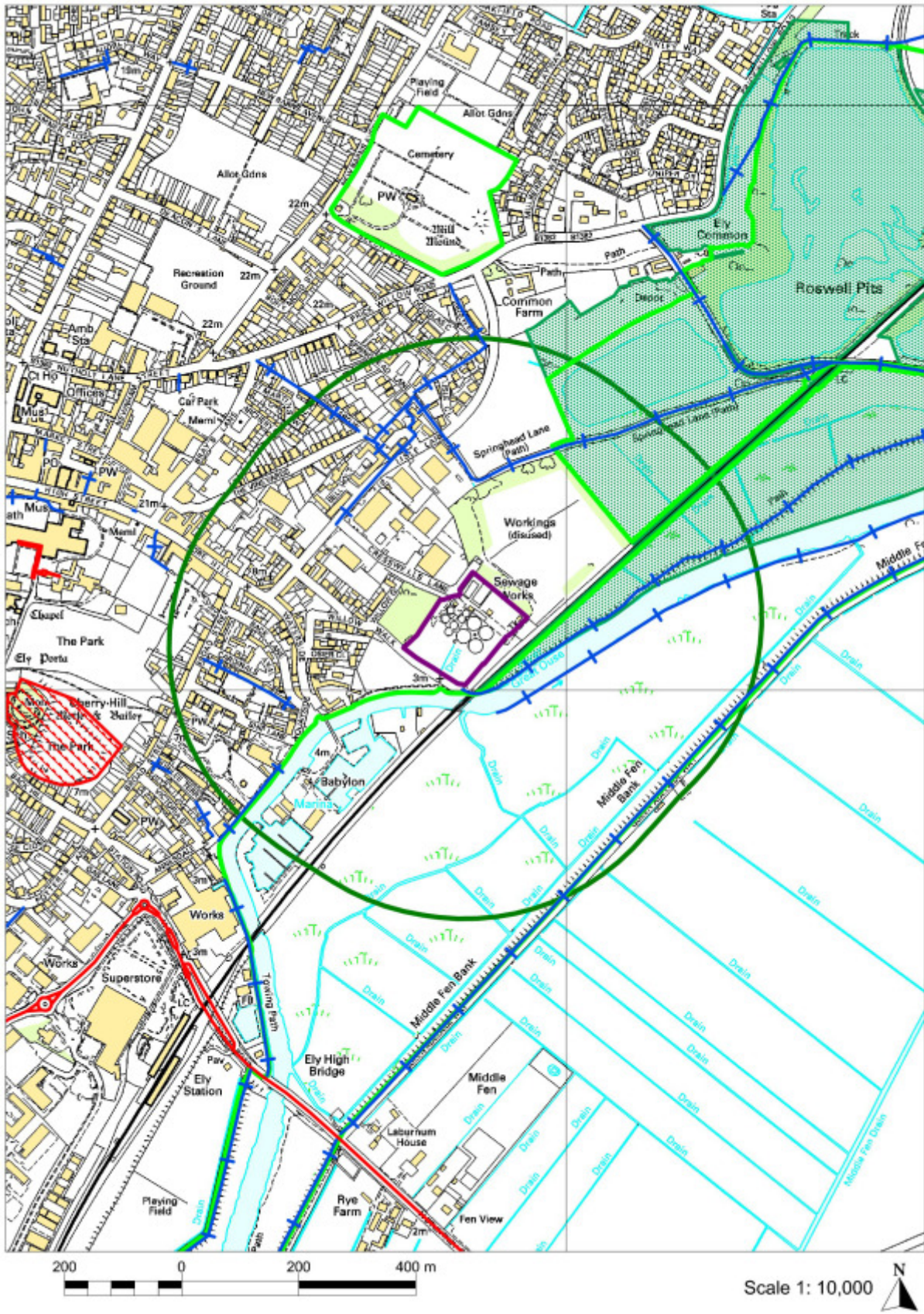
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8.7.13 SSP W7M - Ely (Old) STW



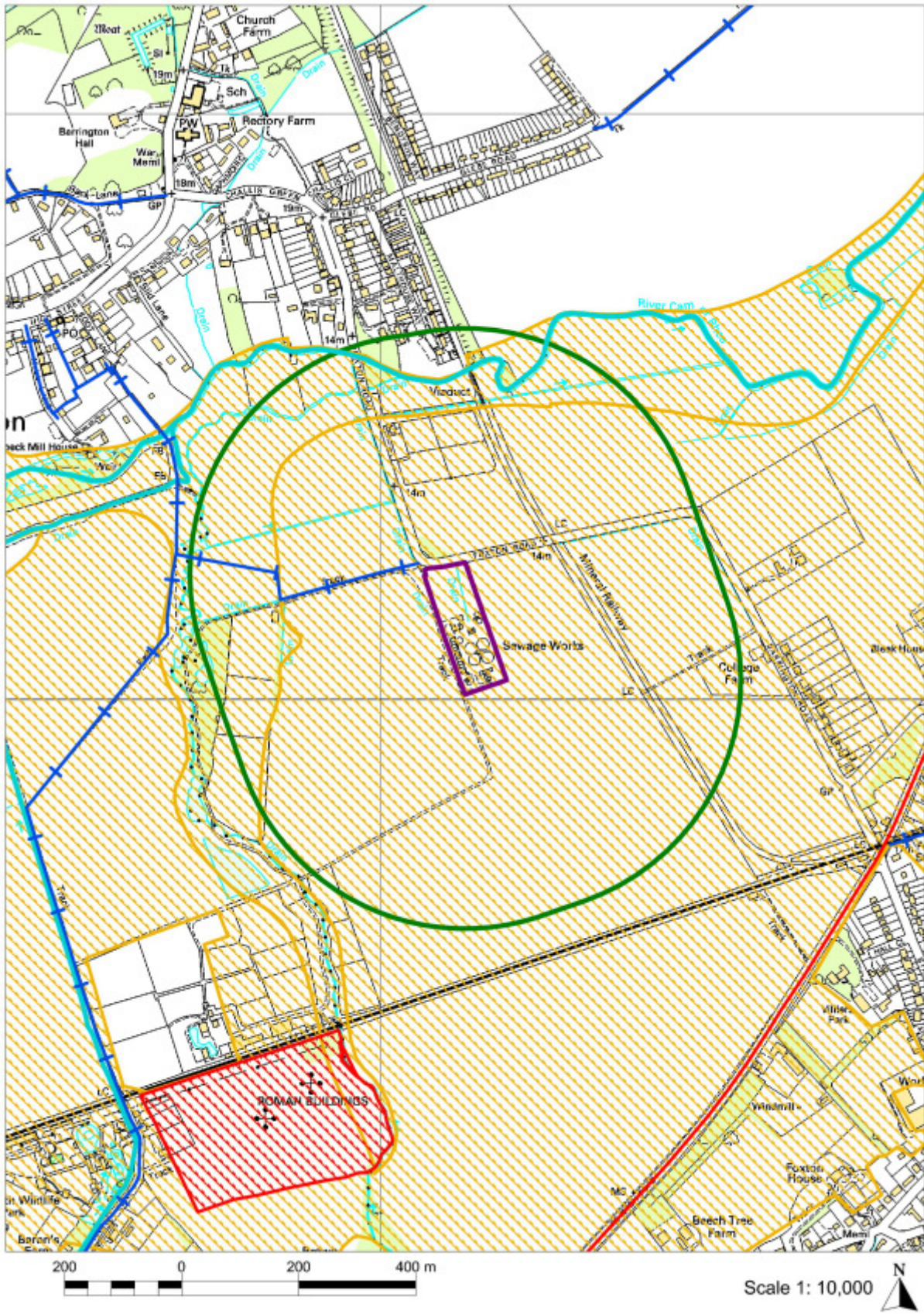
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8.7.14 SSP W70 - Ely-New STW



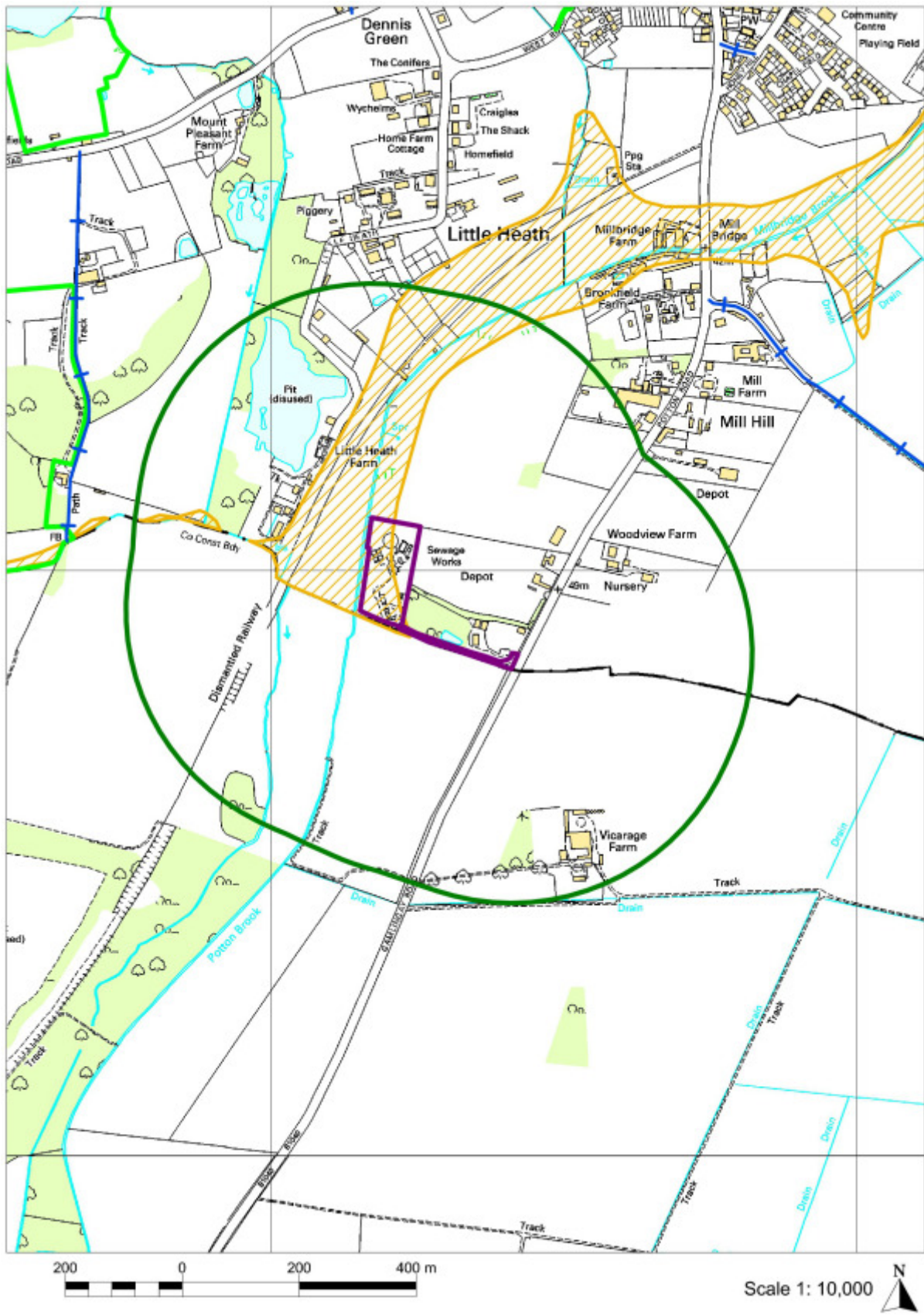
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8.7.15 SSP W7P - Foxton (Cambs) STW



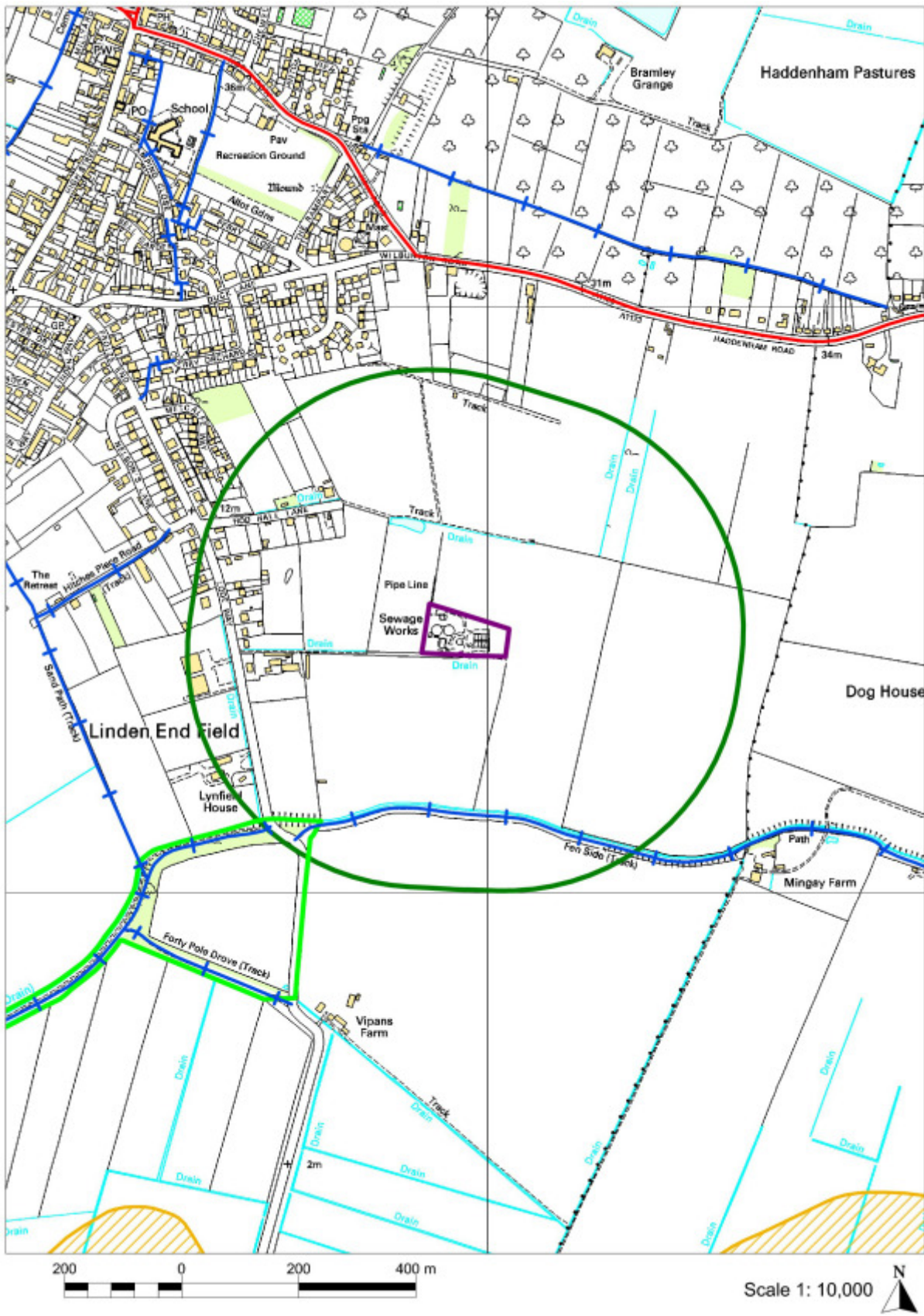
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8.7.16 SSP W7Q - Gamlingay STW



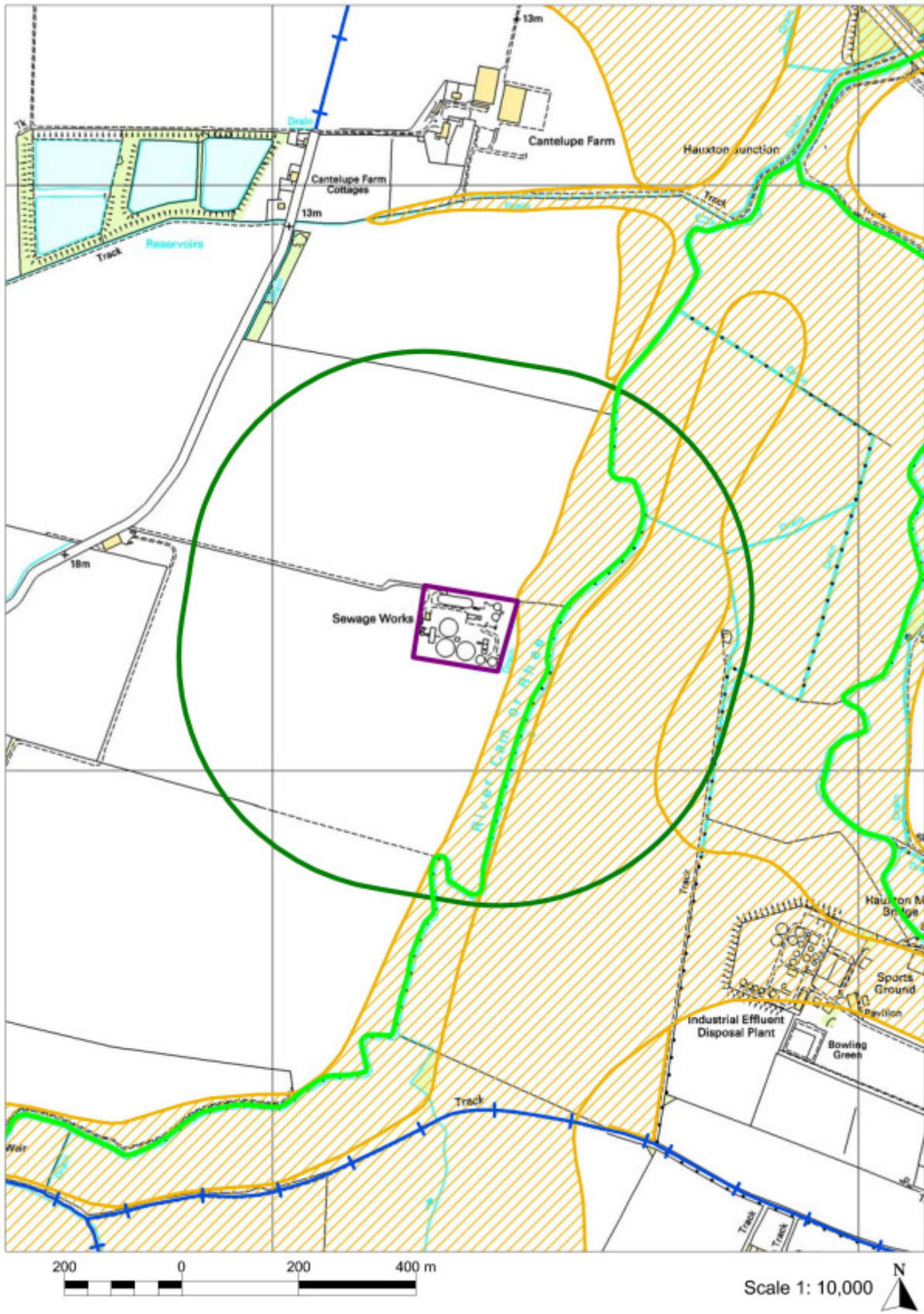
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8.7.17 SSP W7R - Haddenham STW



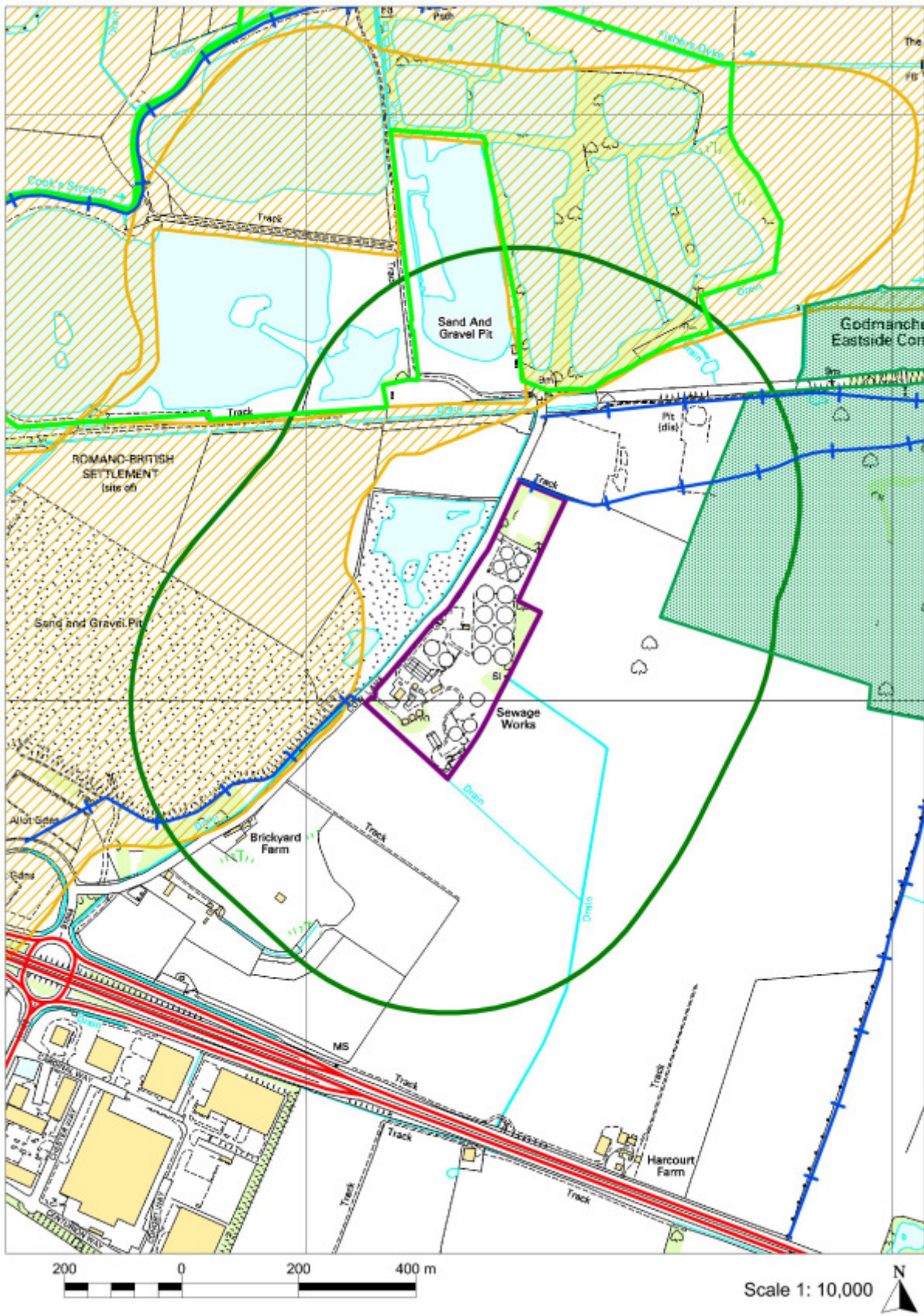
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8.7.18 SSP W7S - Haslingfield STW



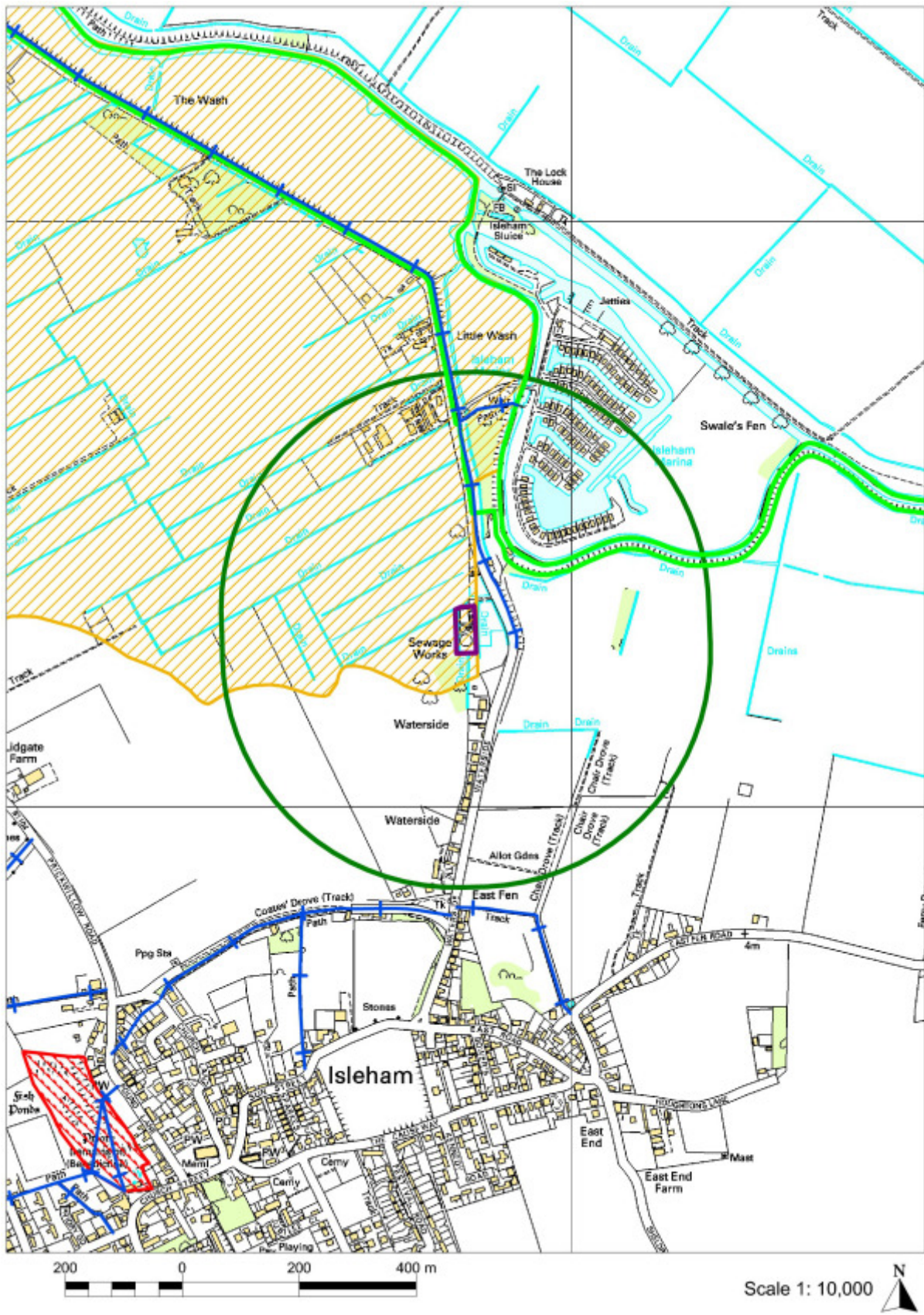
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8.7.19 SSP W7T - Huntingdon (Godmanchester) STW



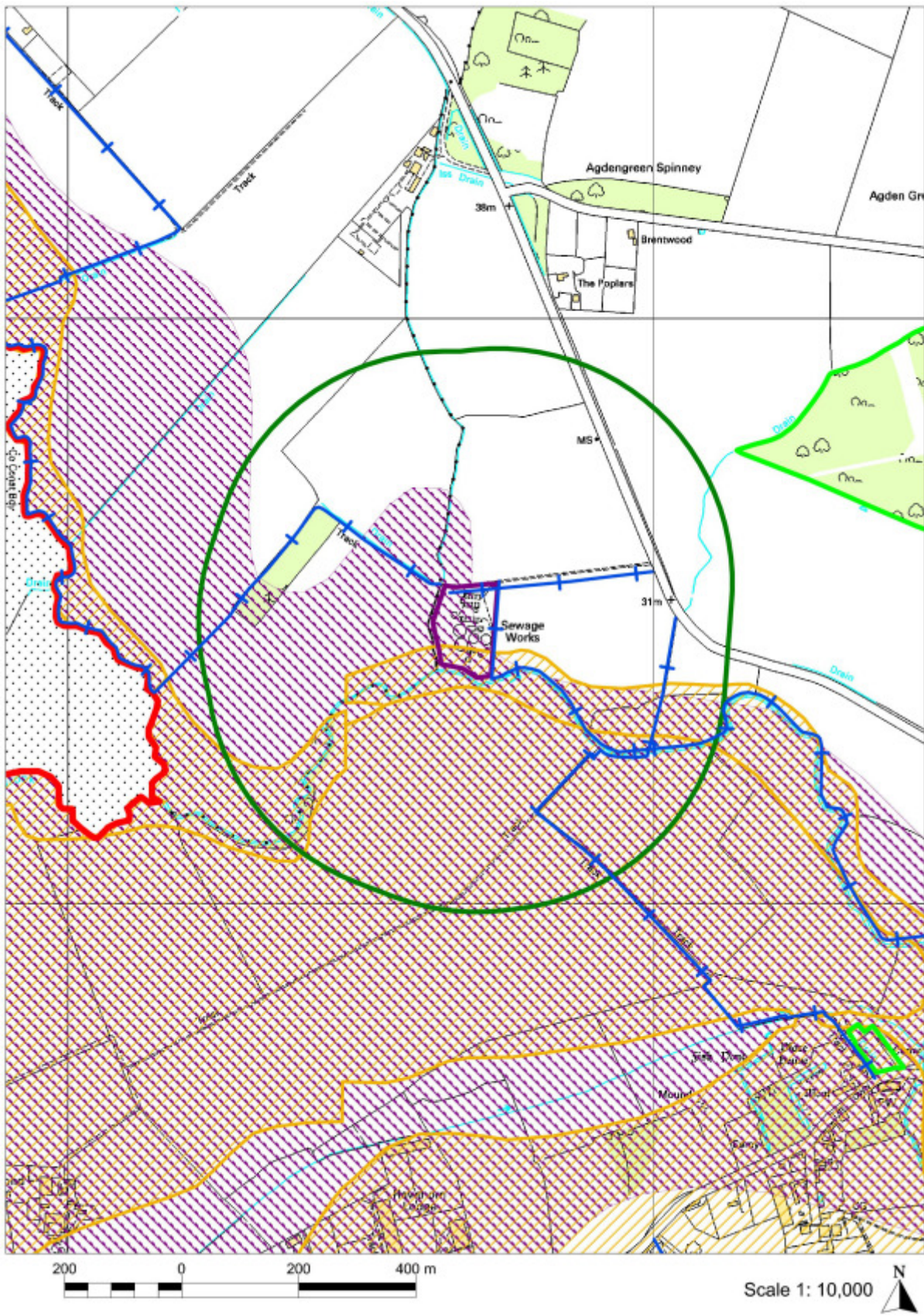
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8.7.20 SSP W7U - Isleham STW



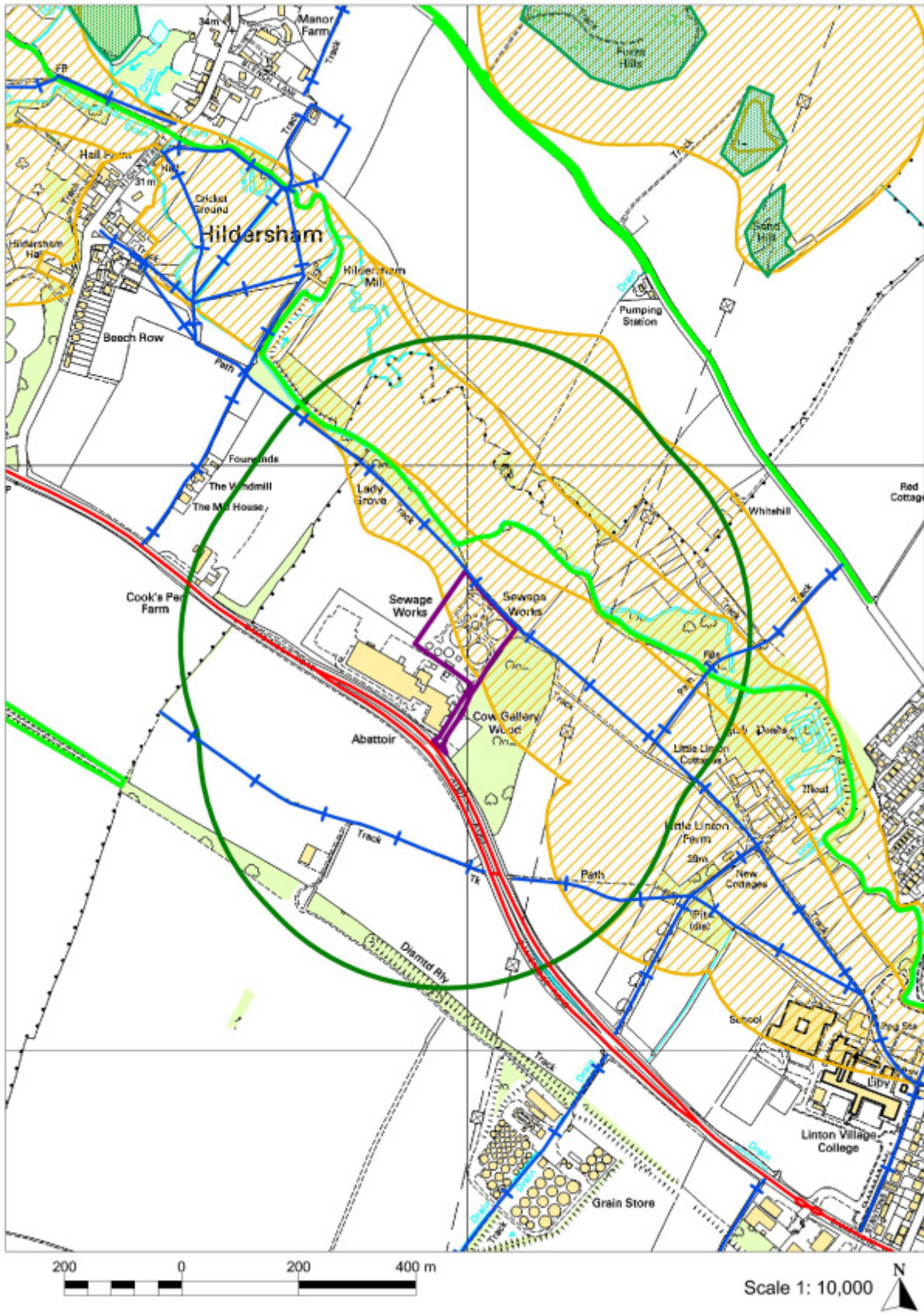
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8.7.21 SSP W7V - Kimbolton STW



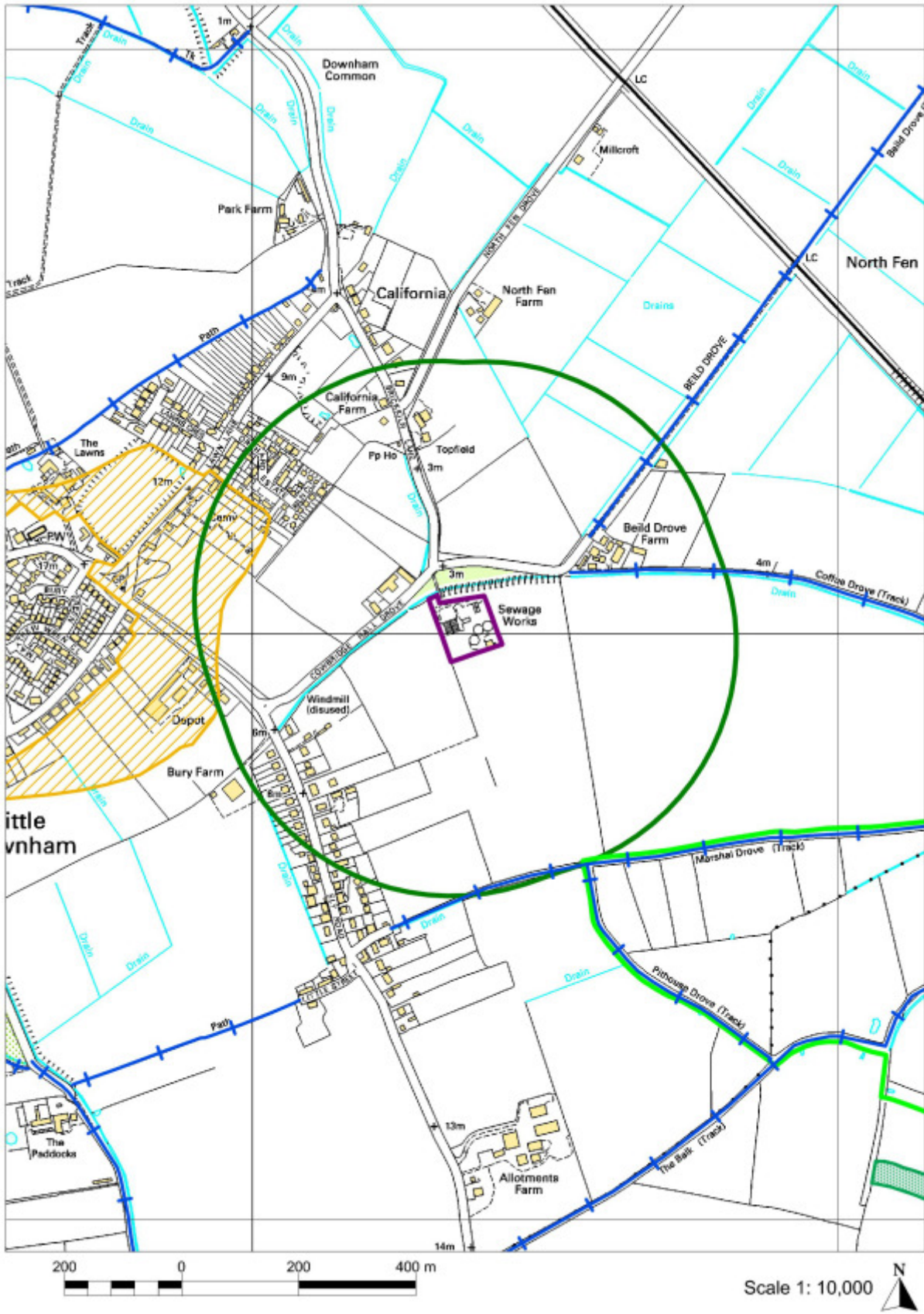
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8.7.22 SSP W7W - Linton STW



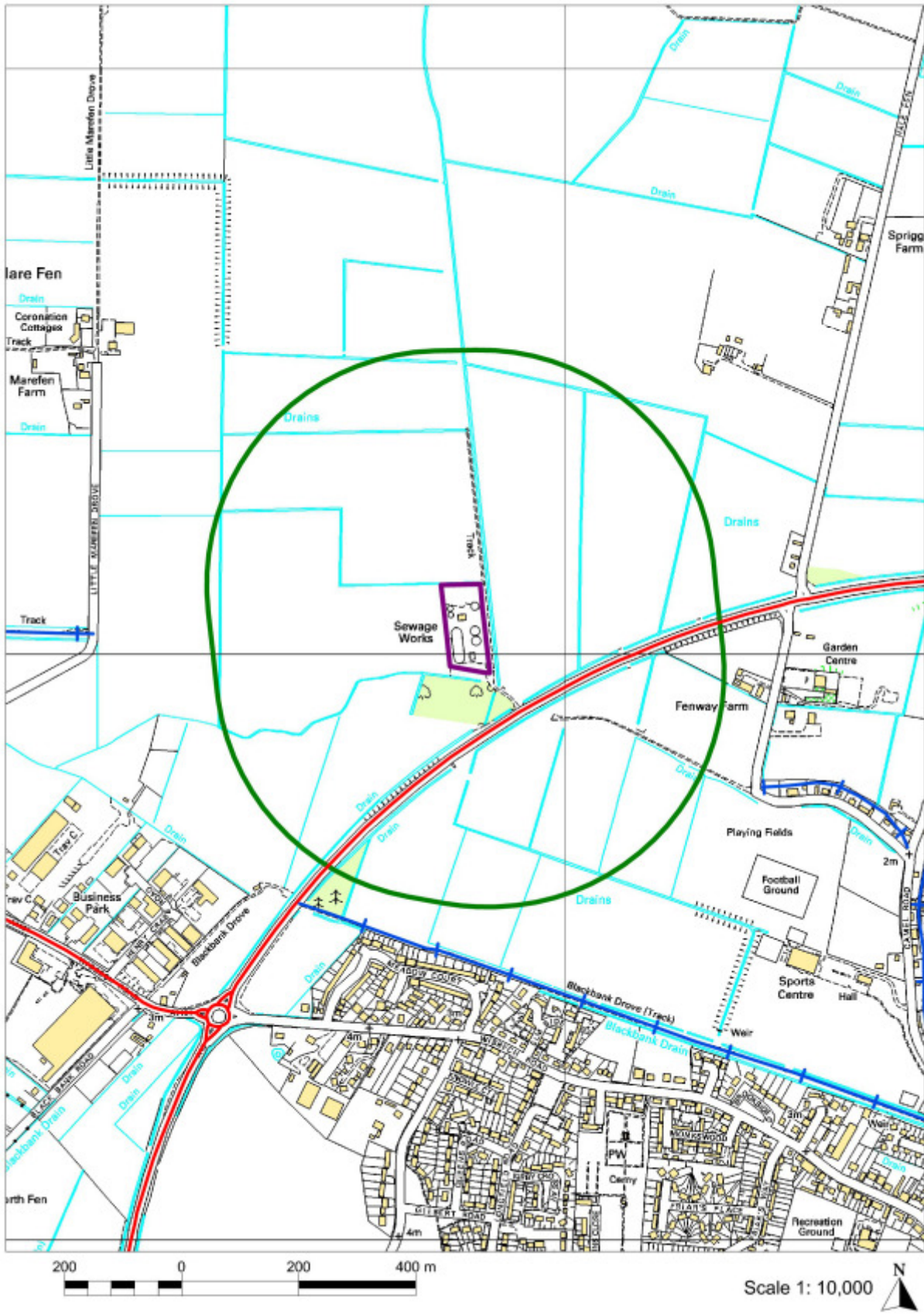
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8.7.23 SSP W7X - Little Downham STW



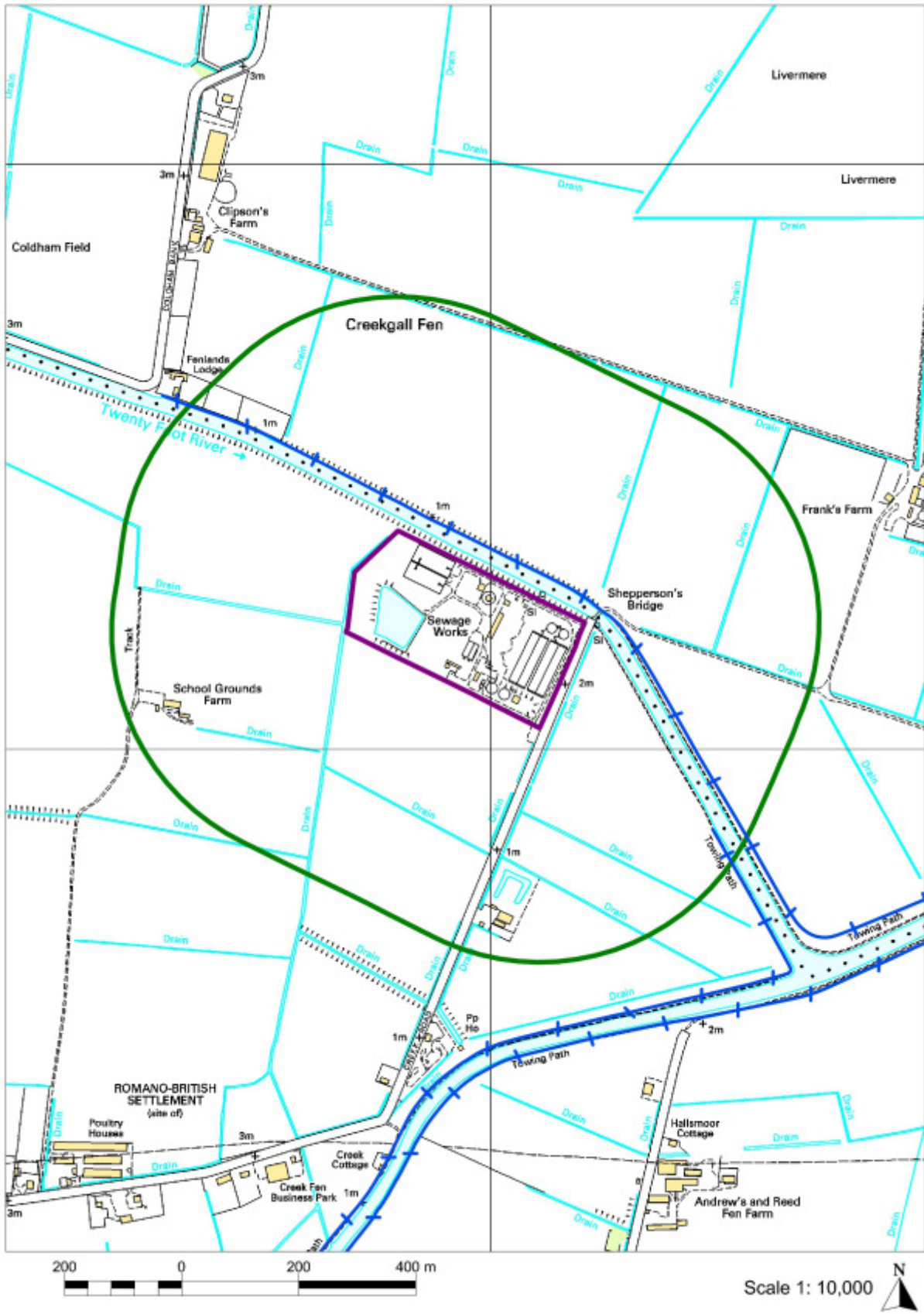
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8.7.24 SSP W7Y - Littleport STW



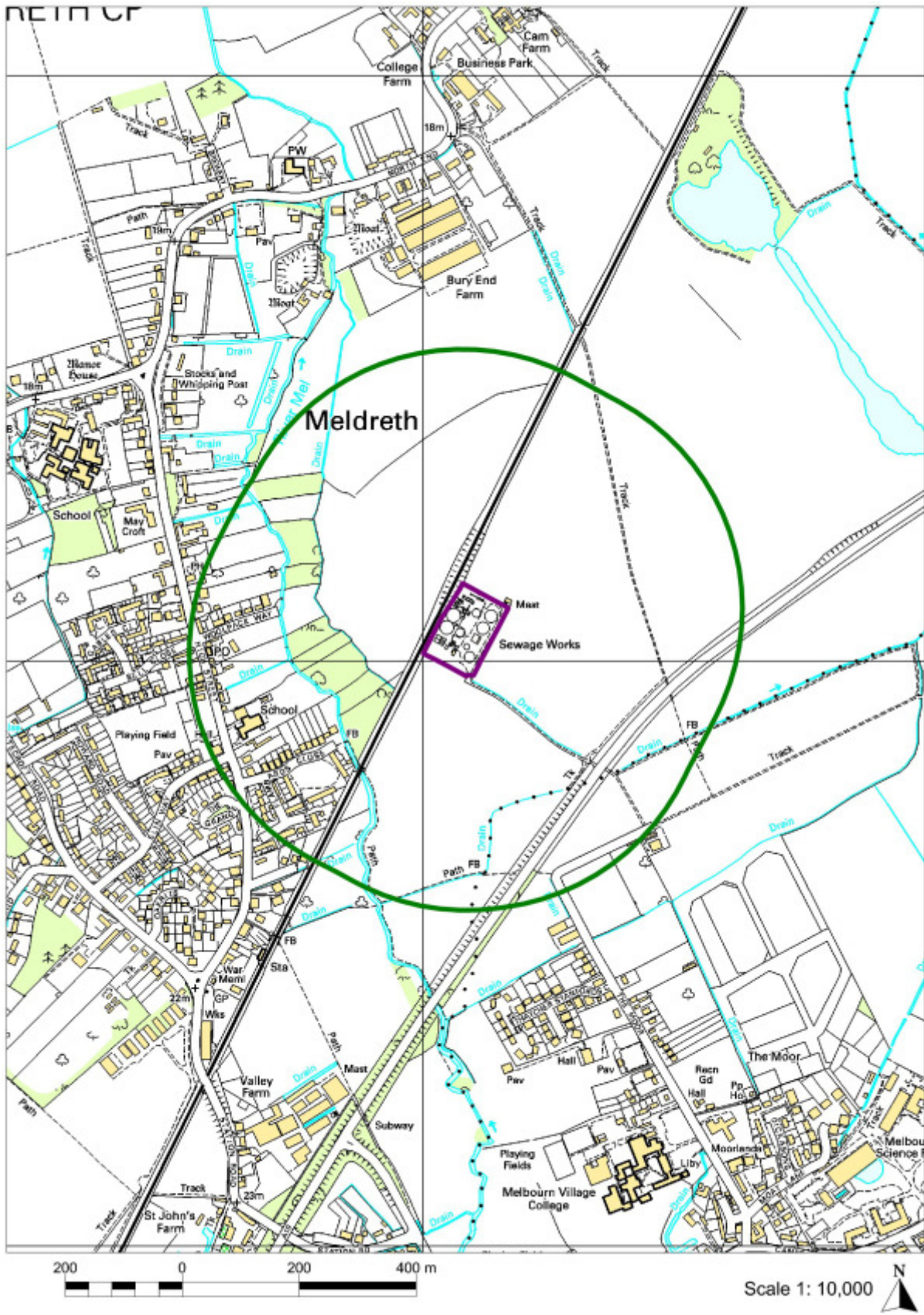
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8.7.25 SSP W7Z - March STW



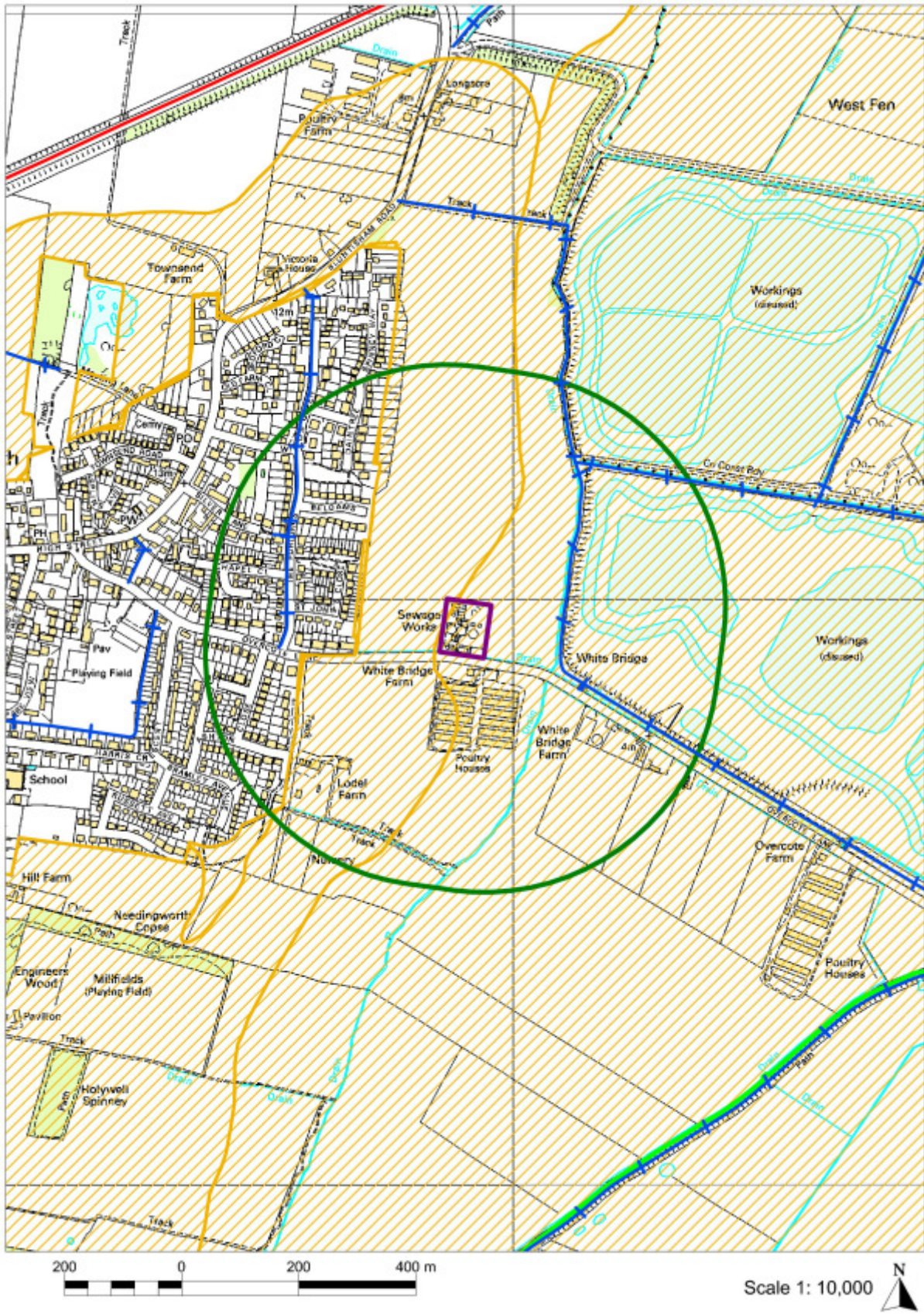
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8.7.26 SSP W7AA - Melbourn STW



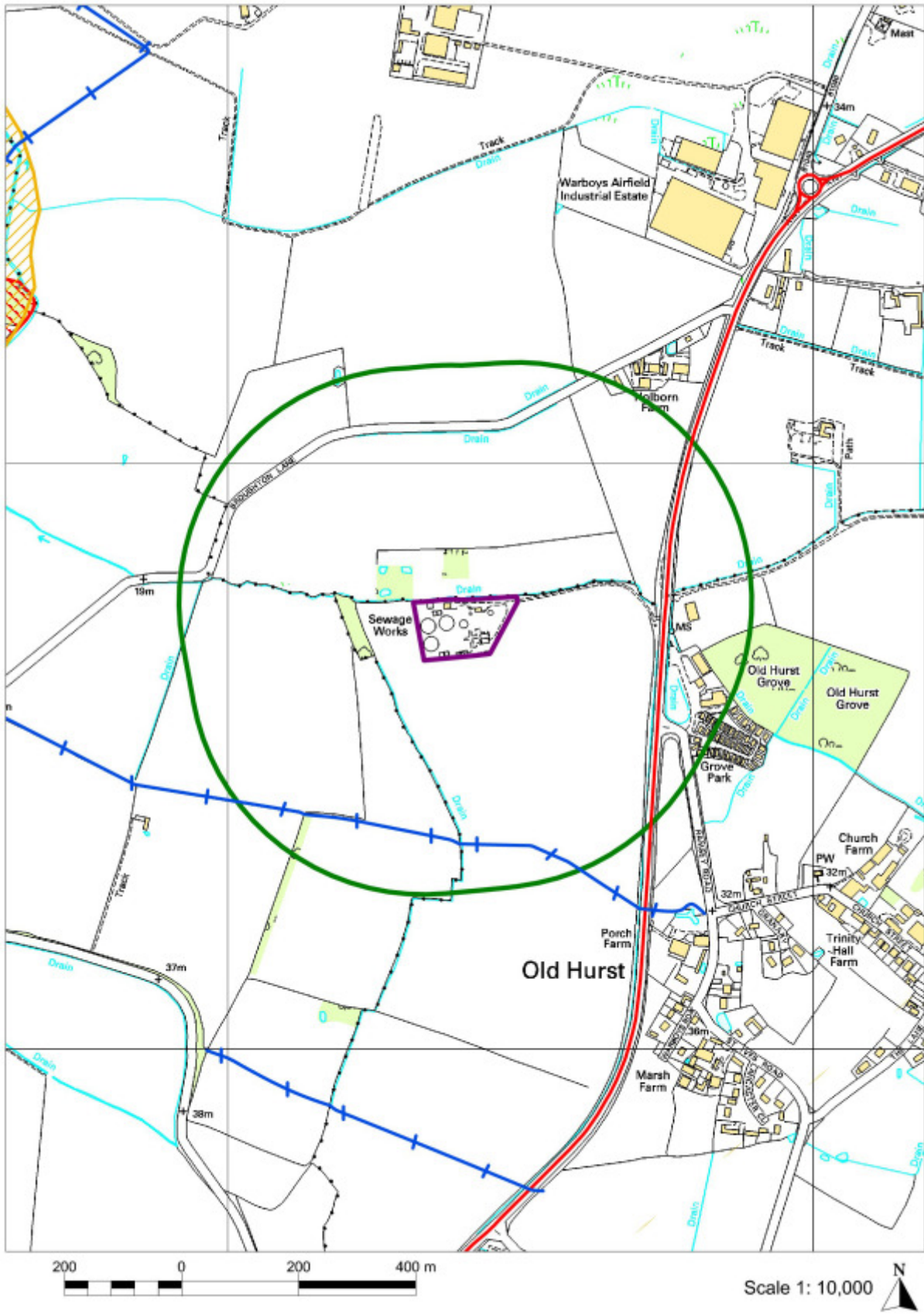
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8.7.27 SSP W7AB - Needingworth STW



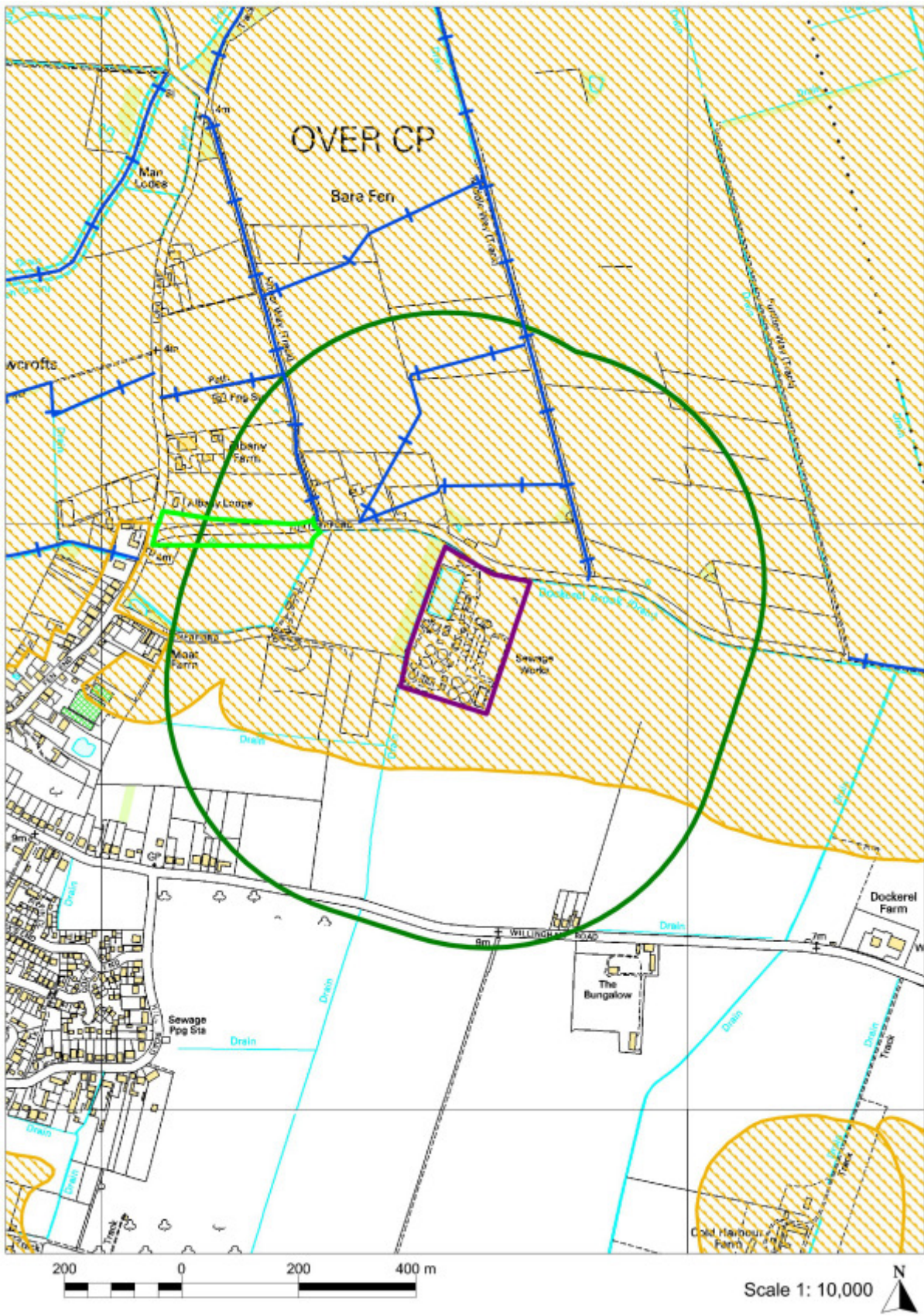
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8.7.28 SSP W7AC - Oldhurst STW



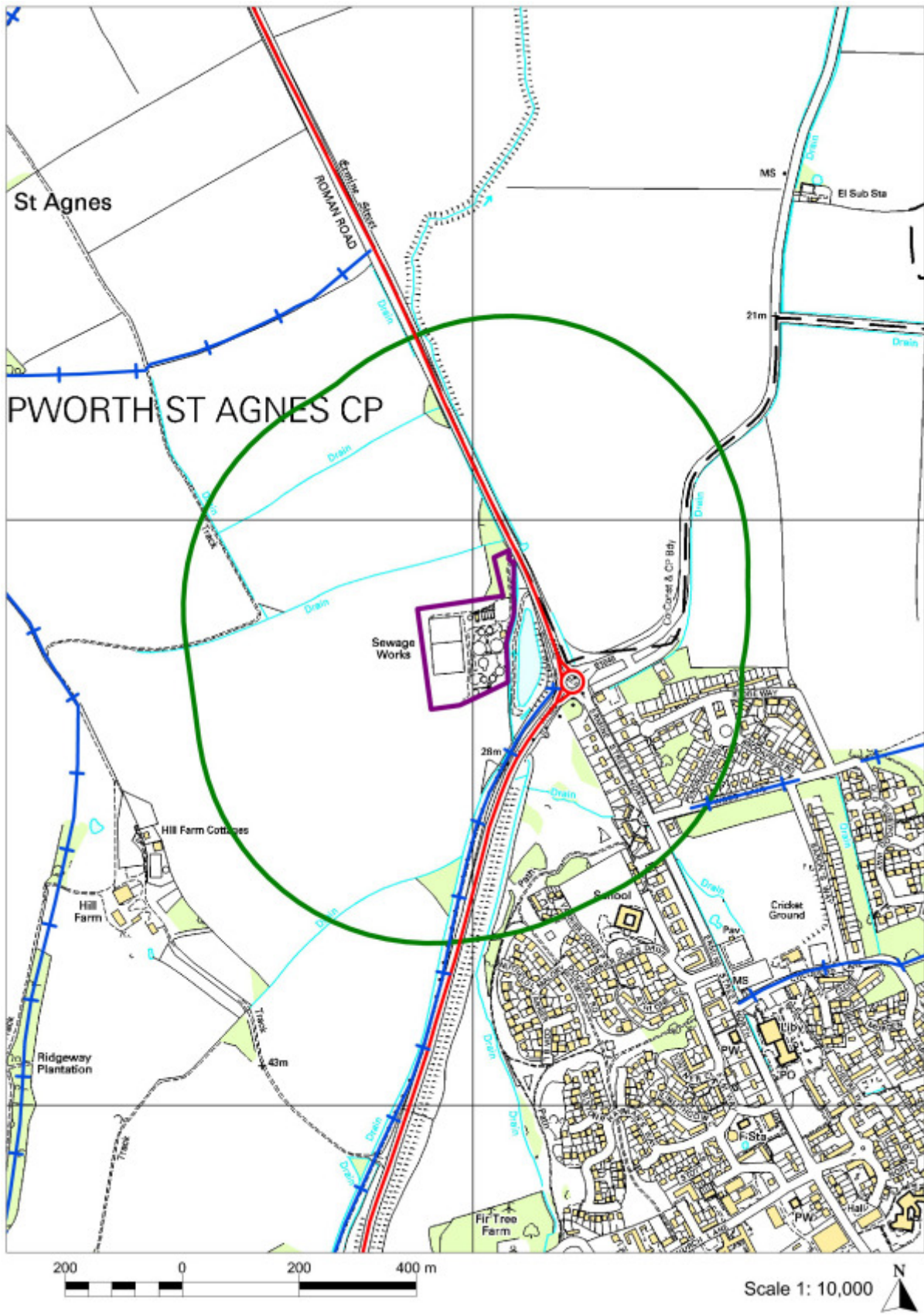
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8.7.29 SSP W7AD - Over STW



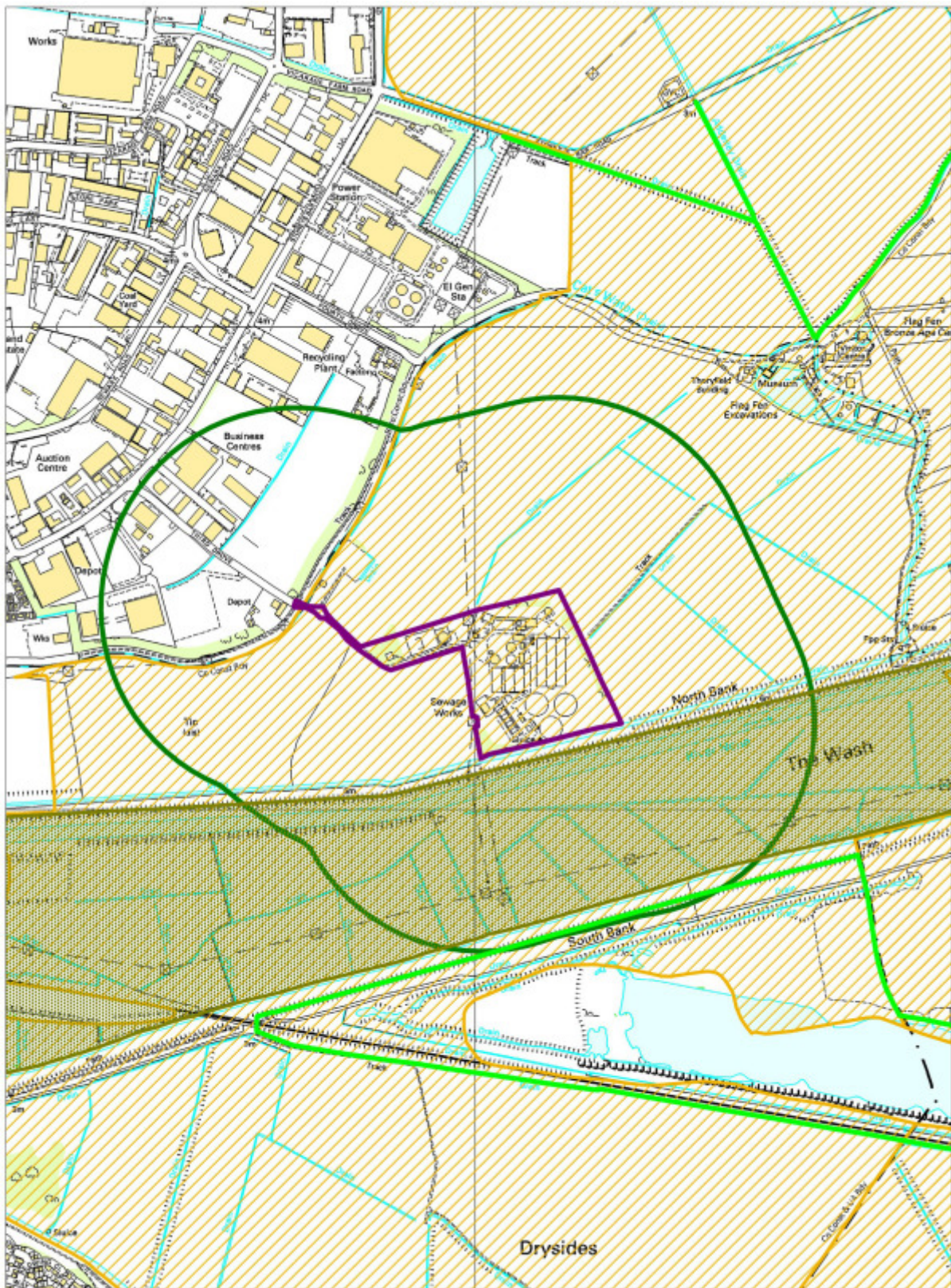
Map Inset No: 114 © Crown copyright. All rights reserved 100023205 (2009).

8.7.30 SSP W7AE - Papworth Everard STW



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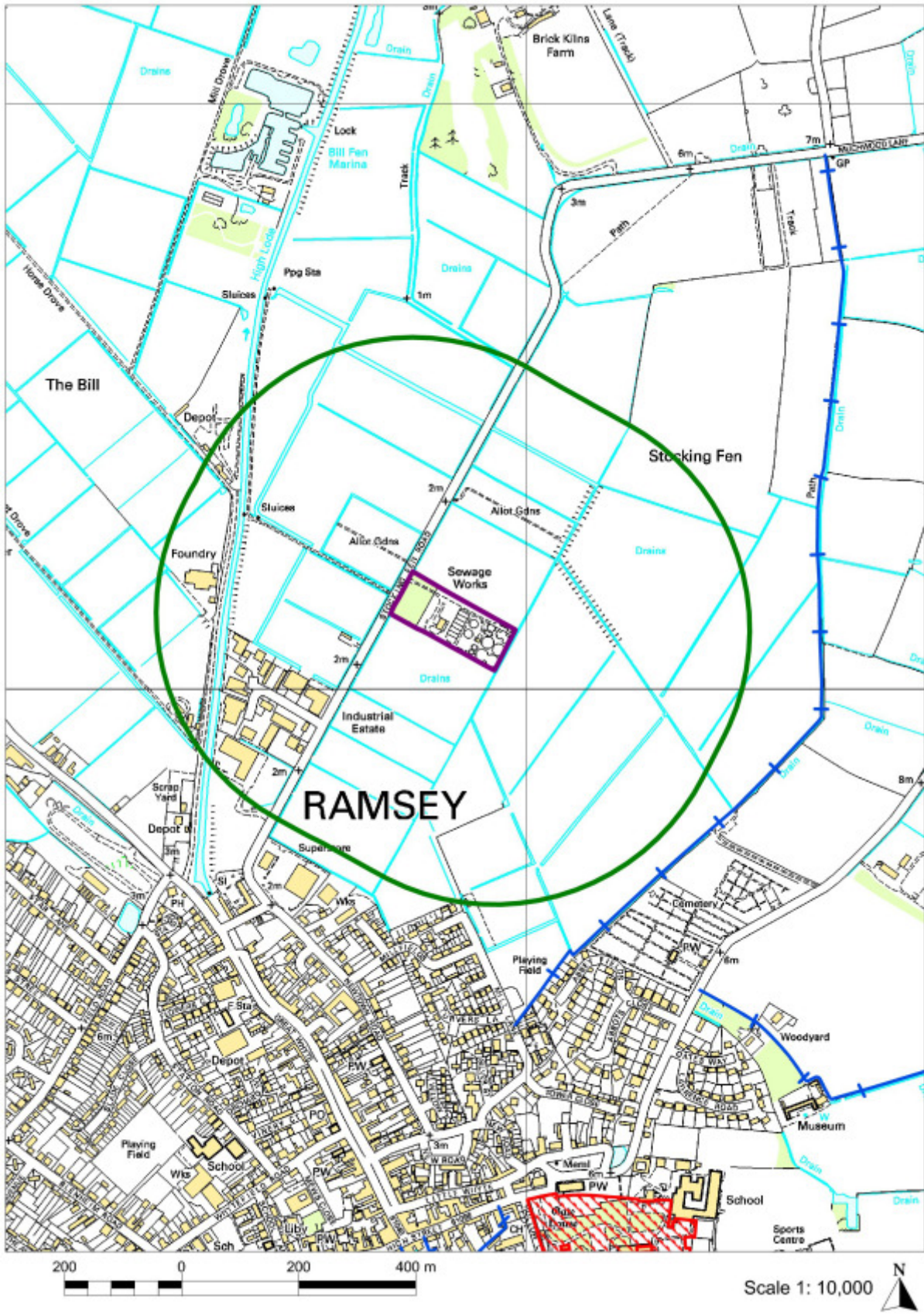
8.7.31 SSP W7AF - Peterborough (Flag Fen) STW



The Bricklay Mineral Safeguarding Area extends into this area but is not shown here. Please see Appendix D: Mineral Safeguarding Areas for details.

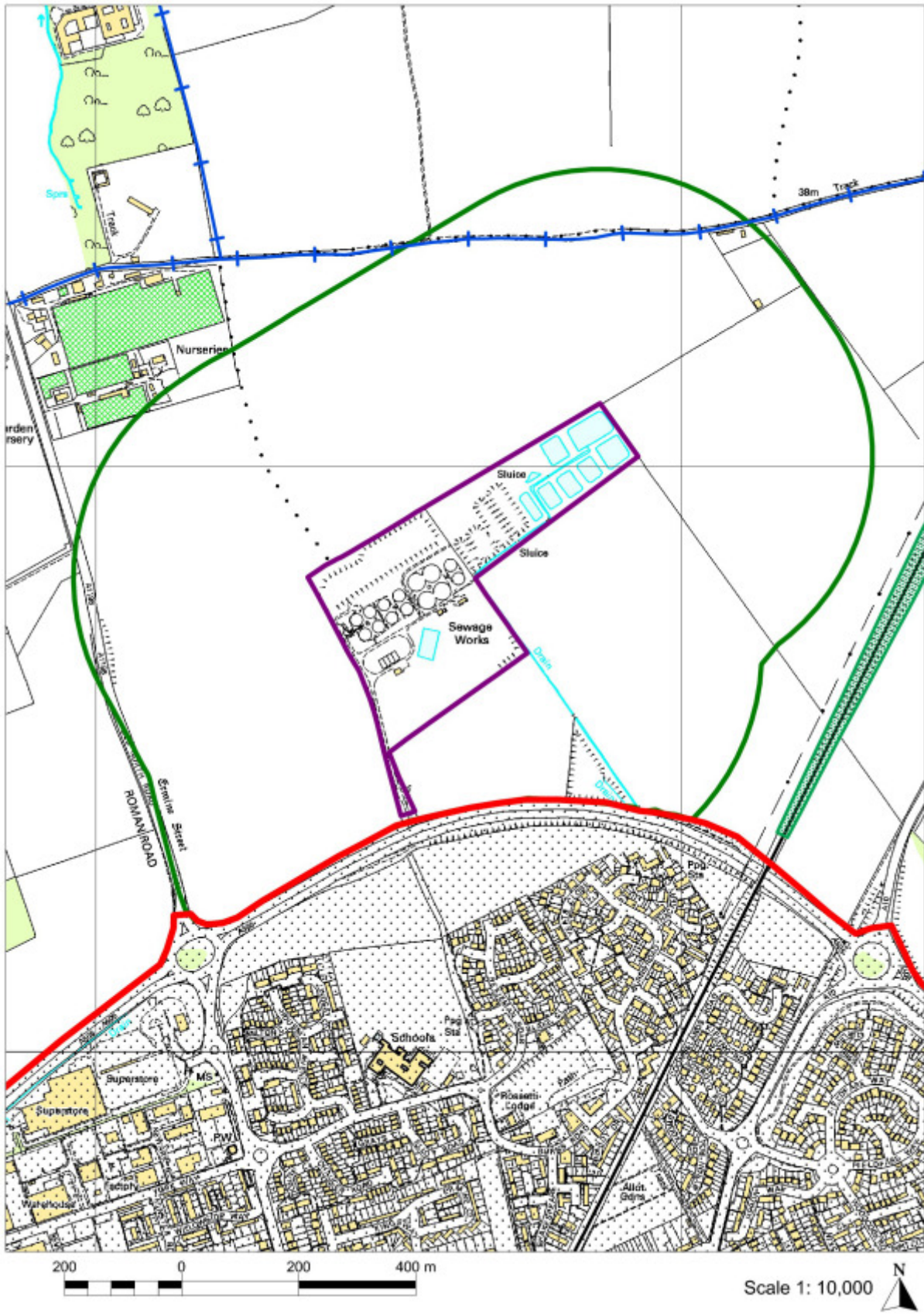
Map Inset No: 116 © Crown copyright. All rights reserved 100023205 (2009).

8.7.32 SSP W7AG - Ramsey STW



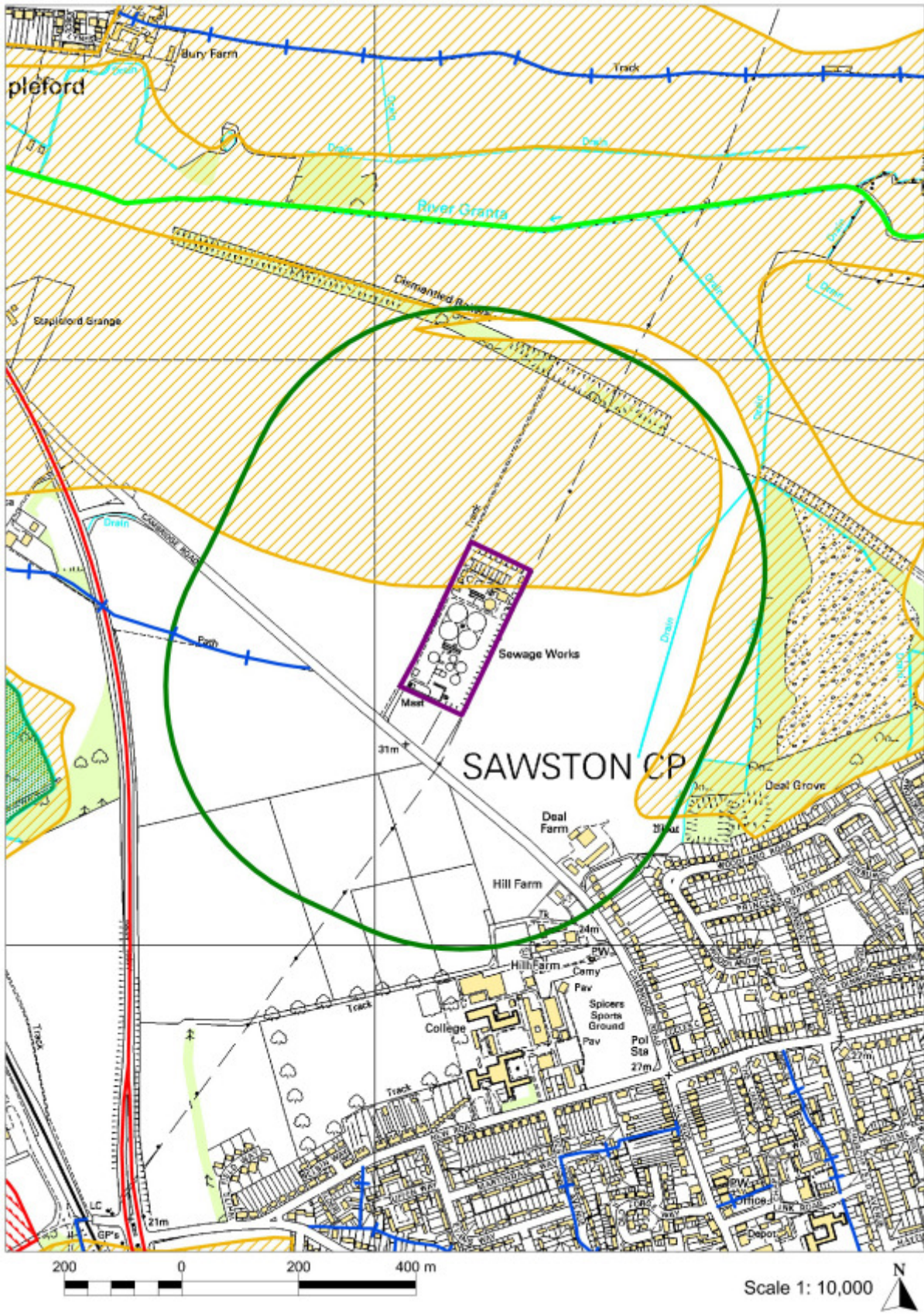
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8.7.33 SSP W7AH - Royston STW



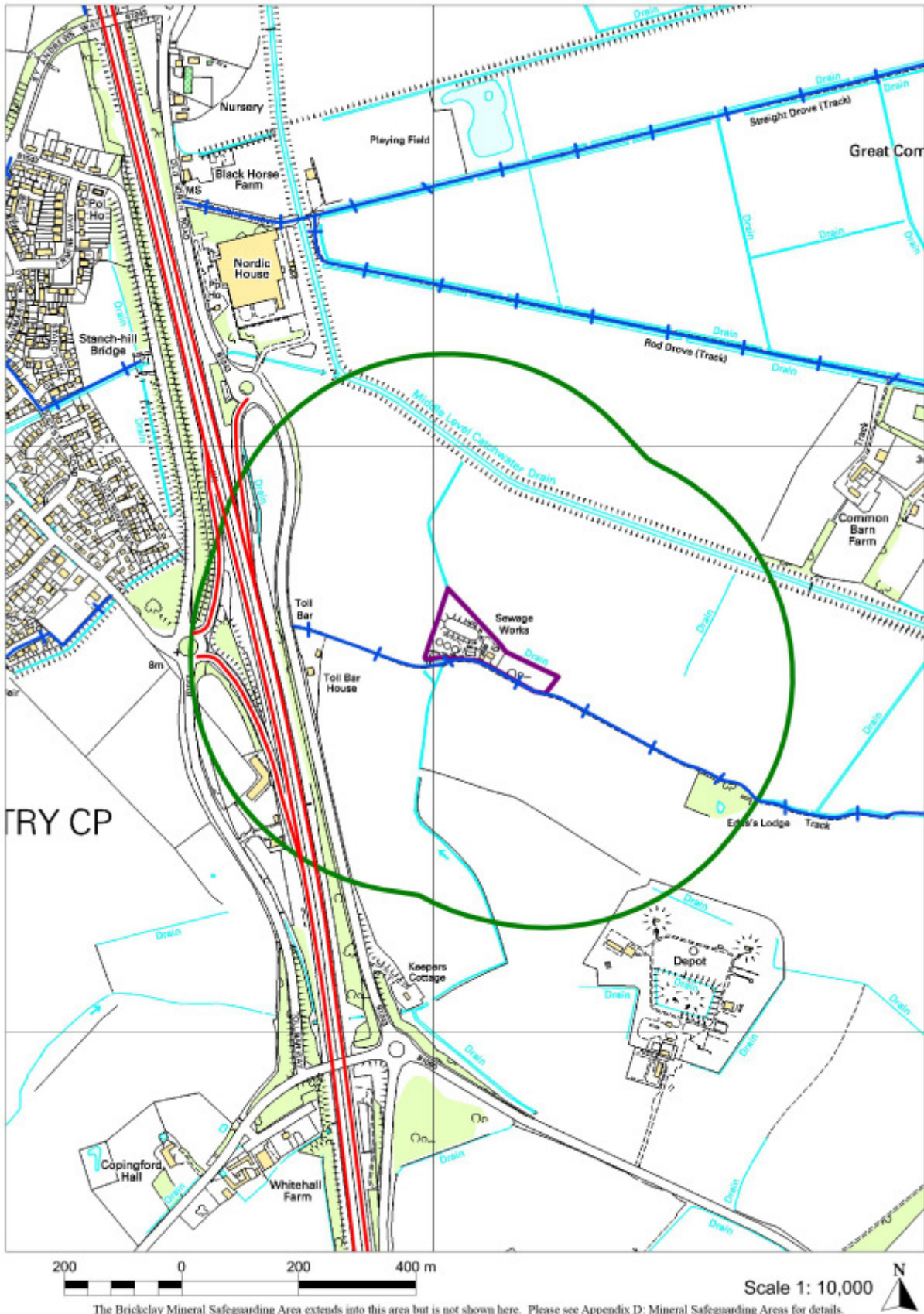
Map Inset No: 118 © Crown copyright. All rights reserved 100023205 (2009).

8.7.34 SSP W7AI - Sawston STW



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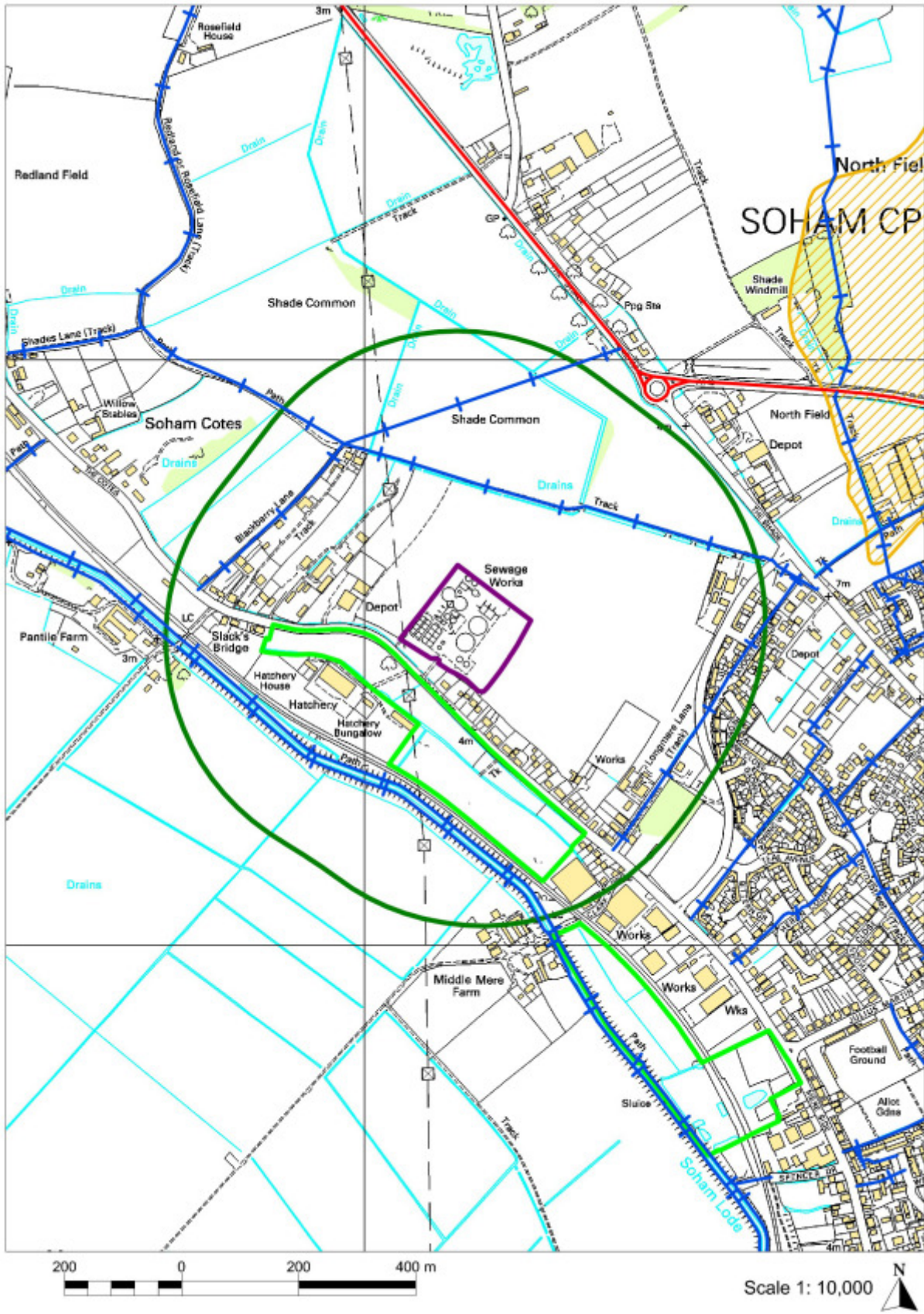
8.7.35 SSP W7AJ - Sawtry STW



The Bricklay Mineral Safeguarding Area extends into this area but is not shown here. Please see Appendix D: Mineral Safeguarding Areas for details.

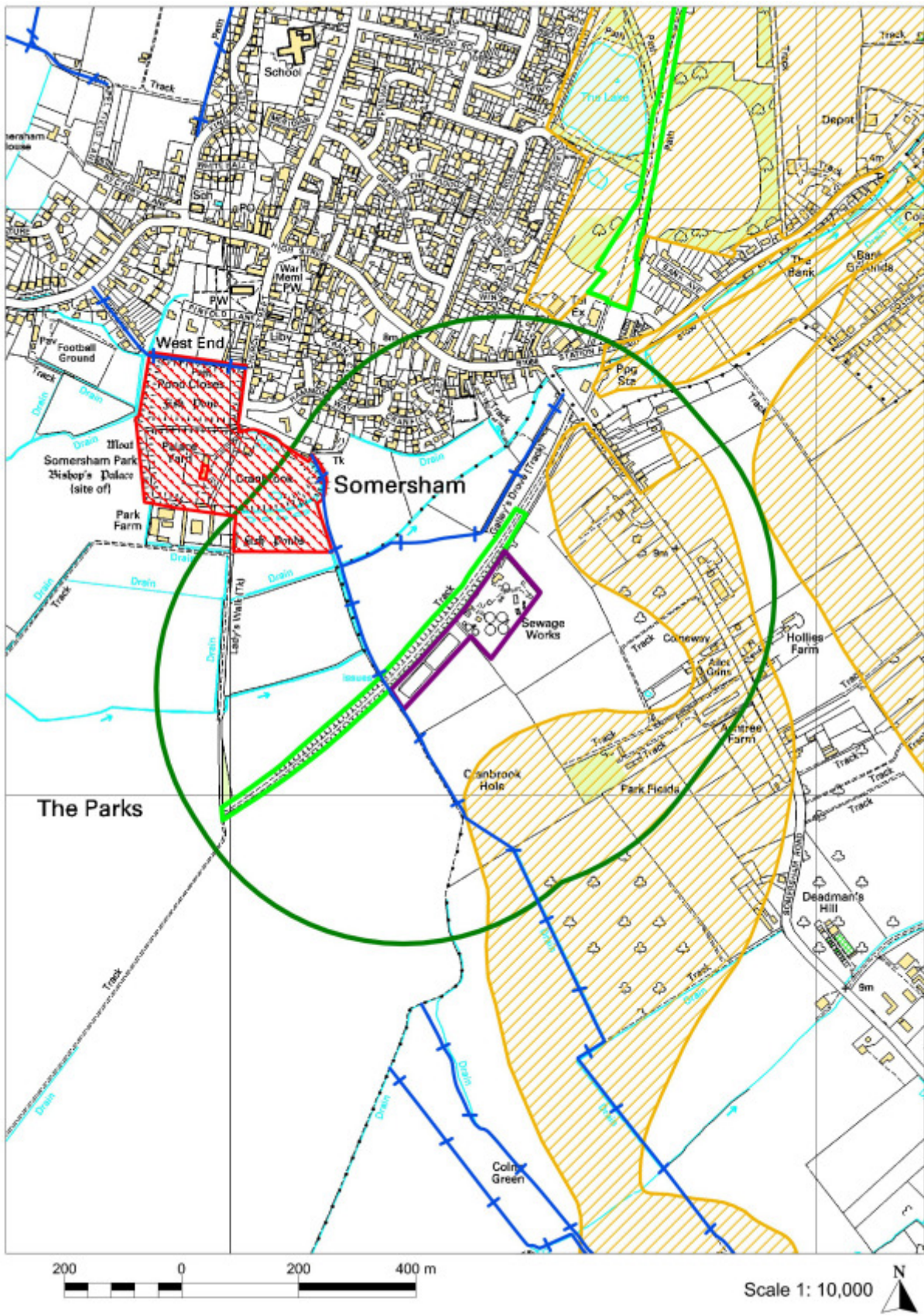
Map Inset No: 120 © Crown copyright. All rights reserved 100023205 (2009).

8.7.36 SSP W7AK - Soham STW



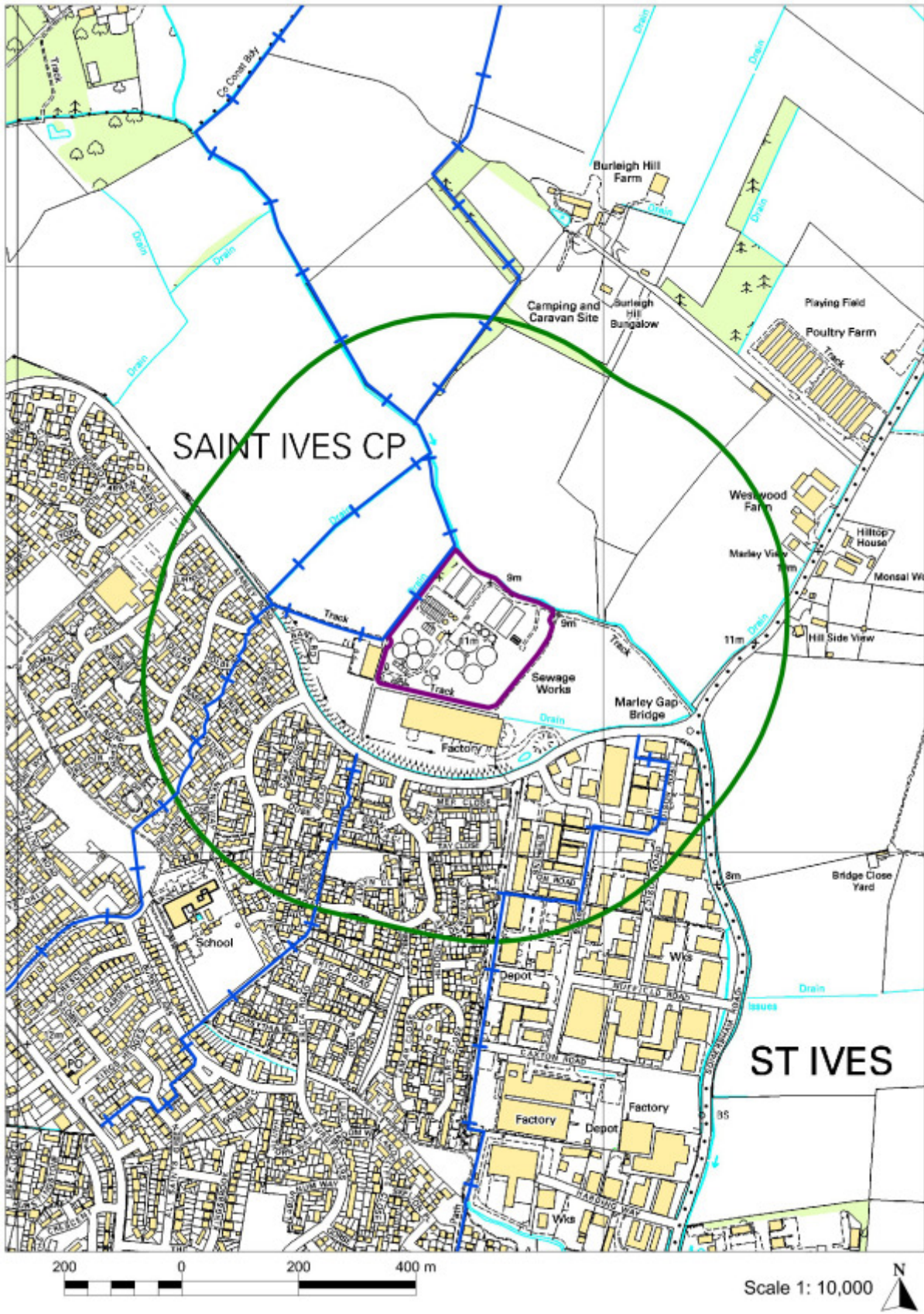
Map Inset No: 121 © Crown Copyright 100023205 2009

8.7.37 SSP W7AL - Somersham (Cambs) STW



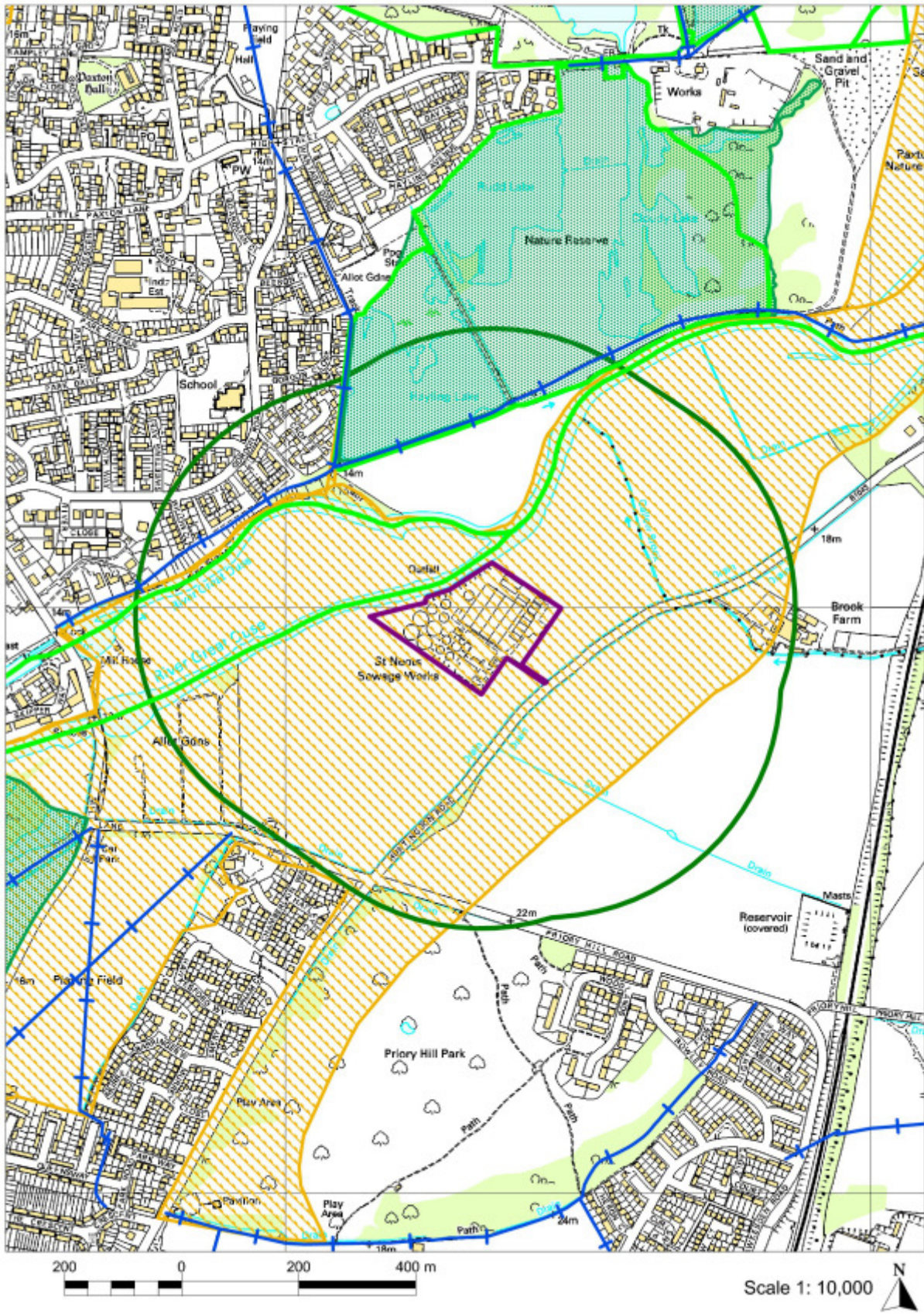
Map Inset No: 122 © Crown copyright. All rights reserved 100023205 (2009).

8.7.38 SSP W7AM - St Ives STW



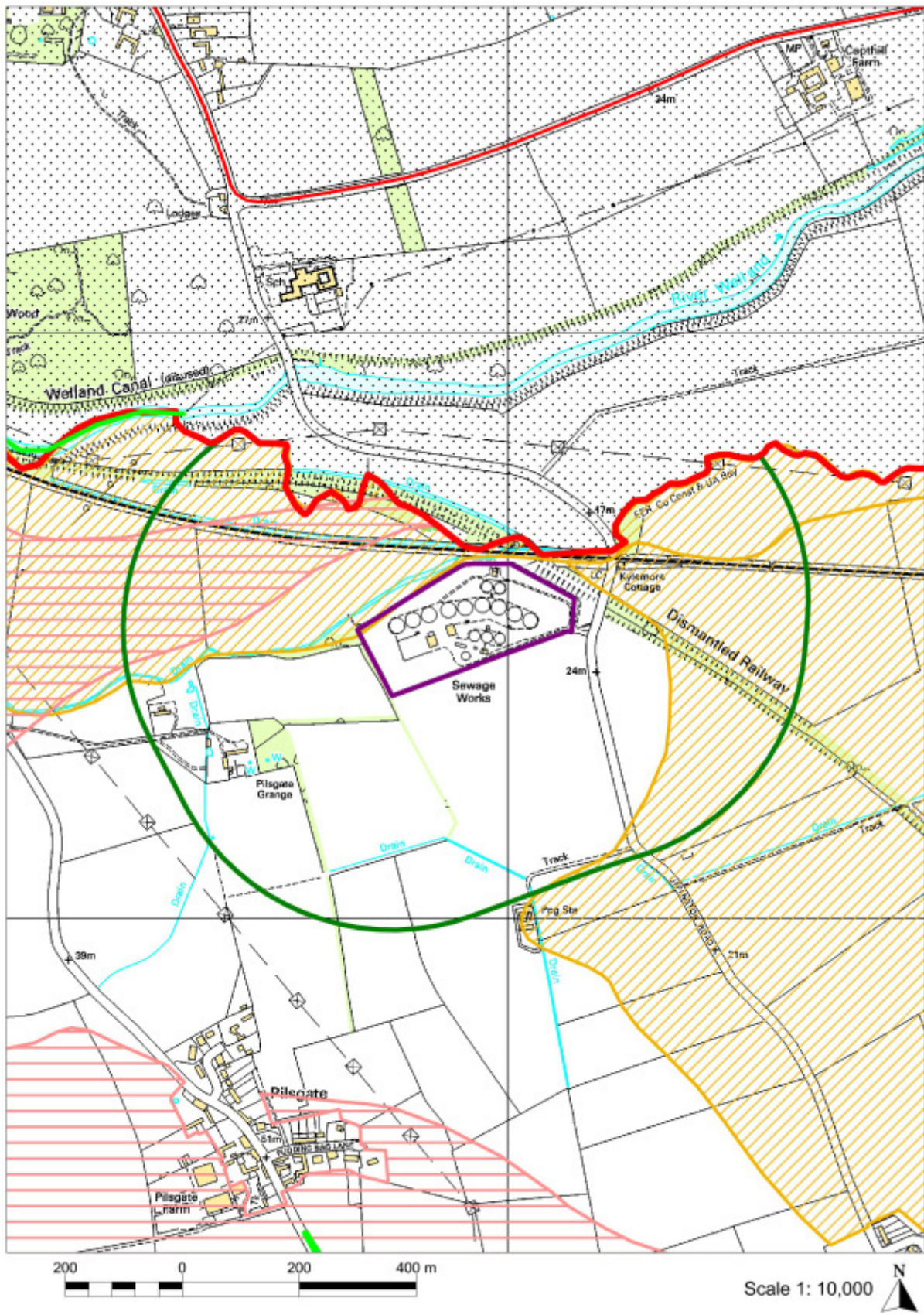
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8.7.39 SSP W7AN - St Neots STW



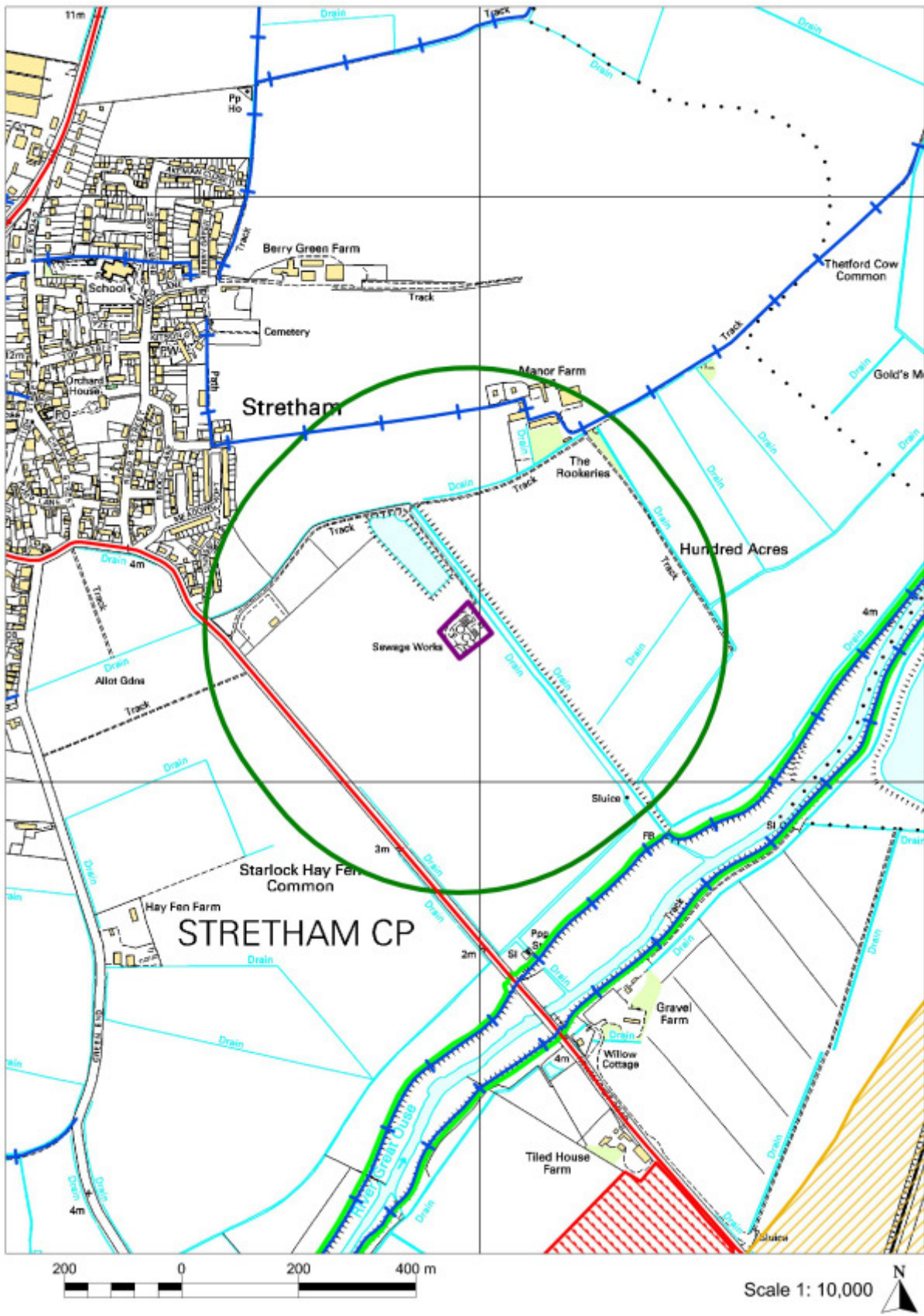
Map Inset No: 124 © Crown copyright. All rights reserved 100023205 (2009).

8.7.40 SSP W7AO - Stamford STW



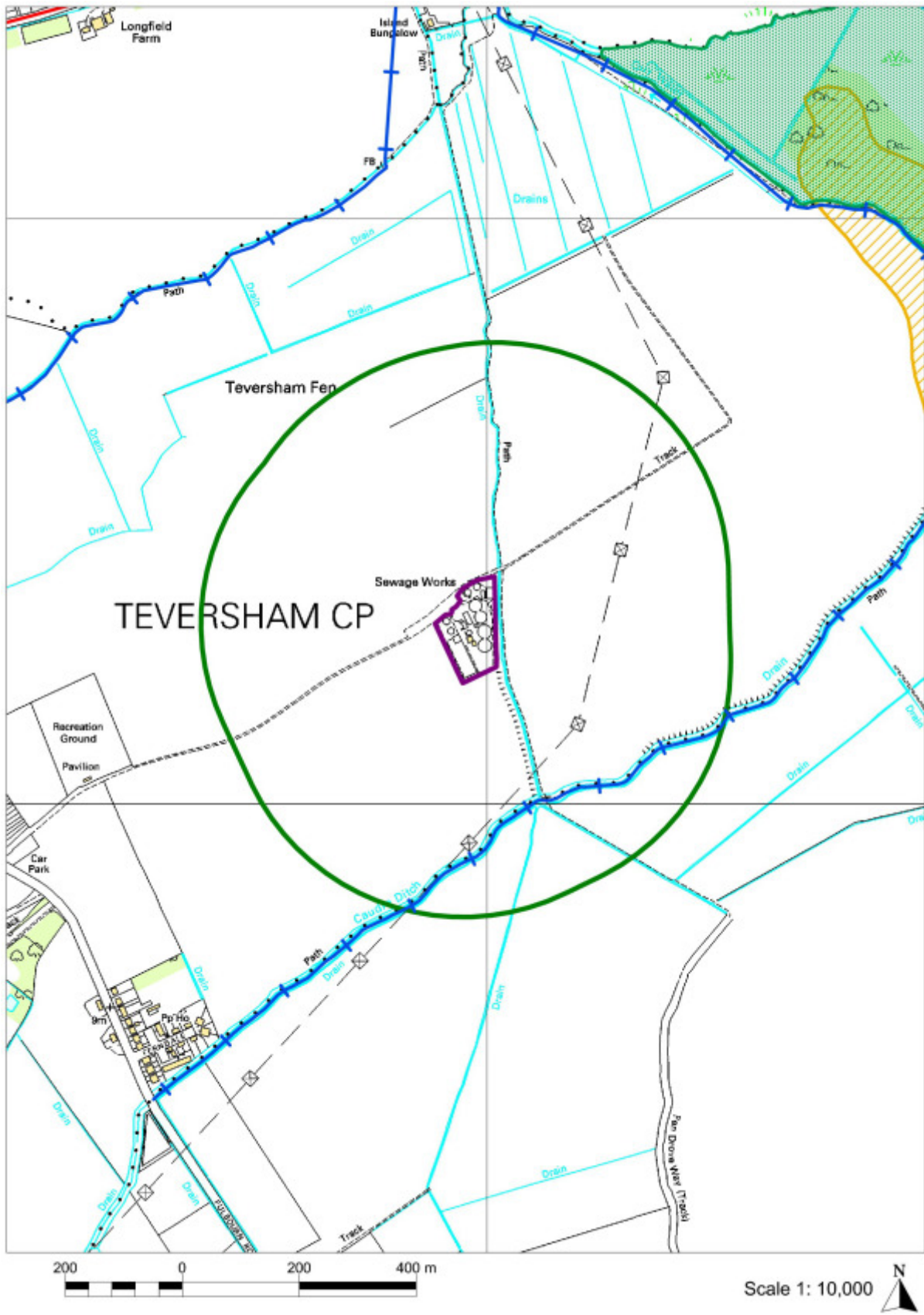
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8.7.41 SSP W7AP - Stretham STW



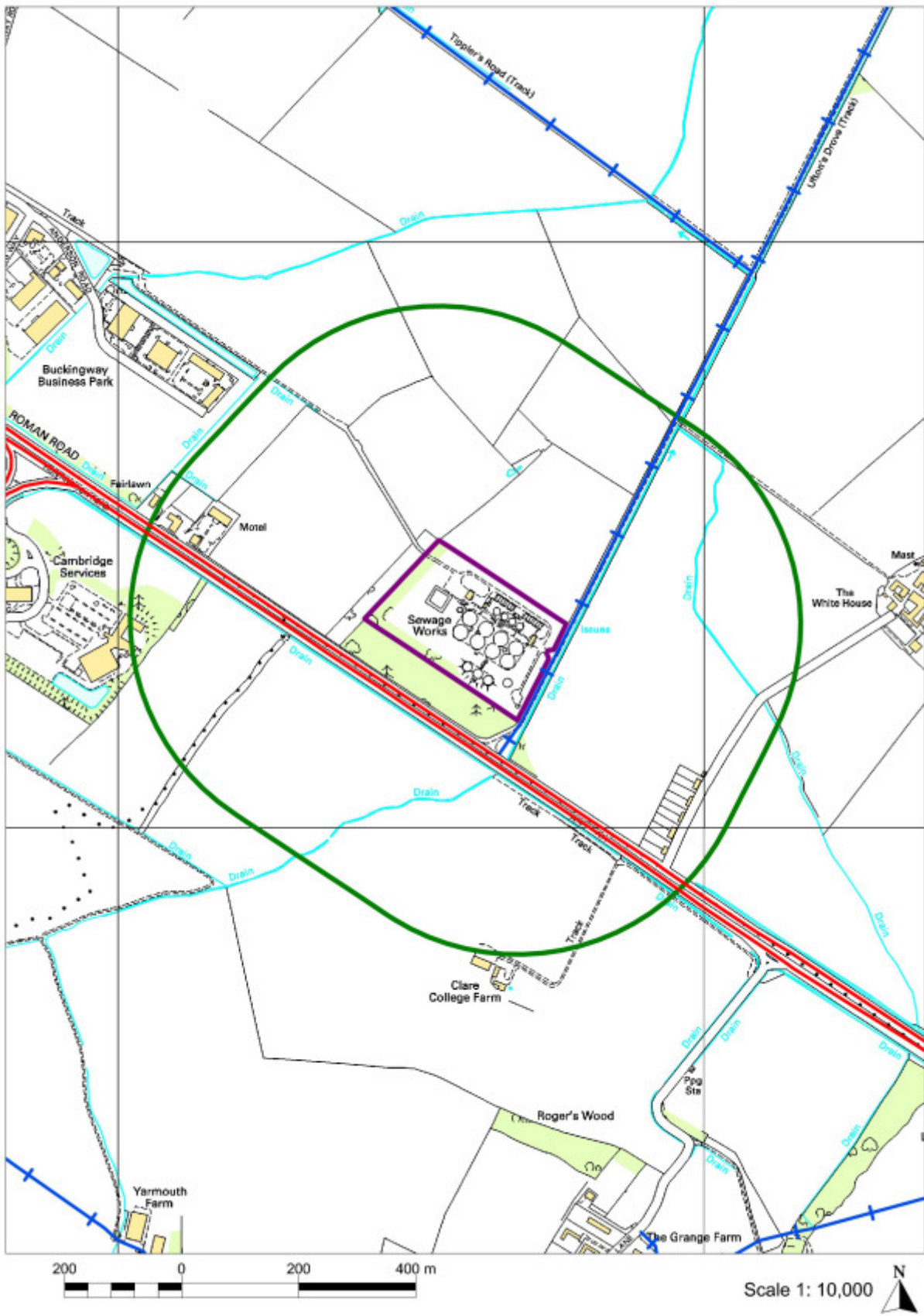
Map Inset No: 126 © Crown copyright. All rights reserved 100023205 (2009).

8.7.42 SSP W7AQ - Teversham STW



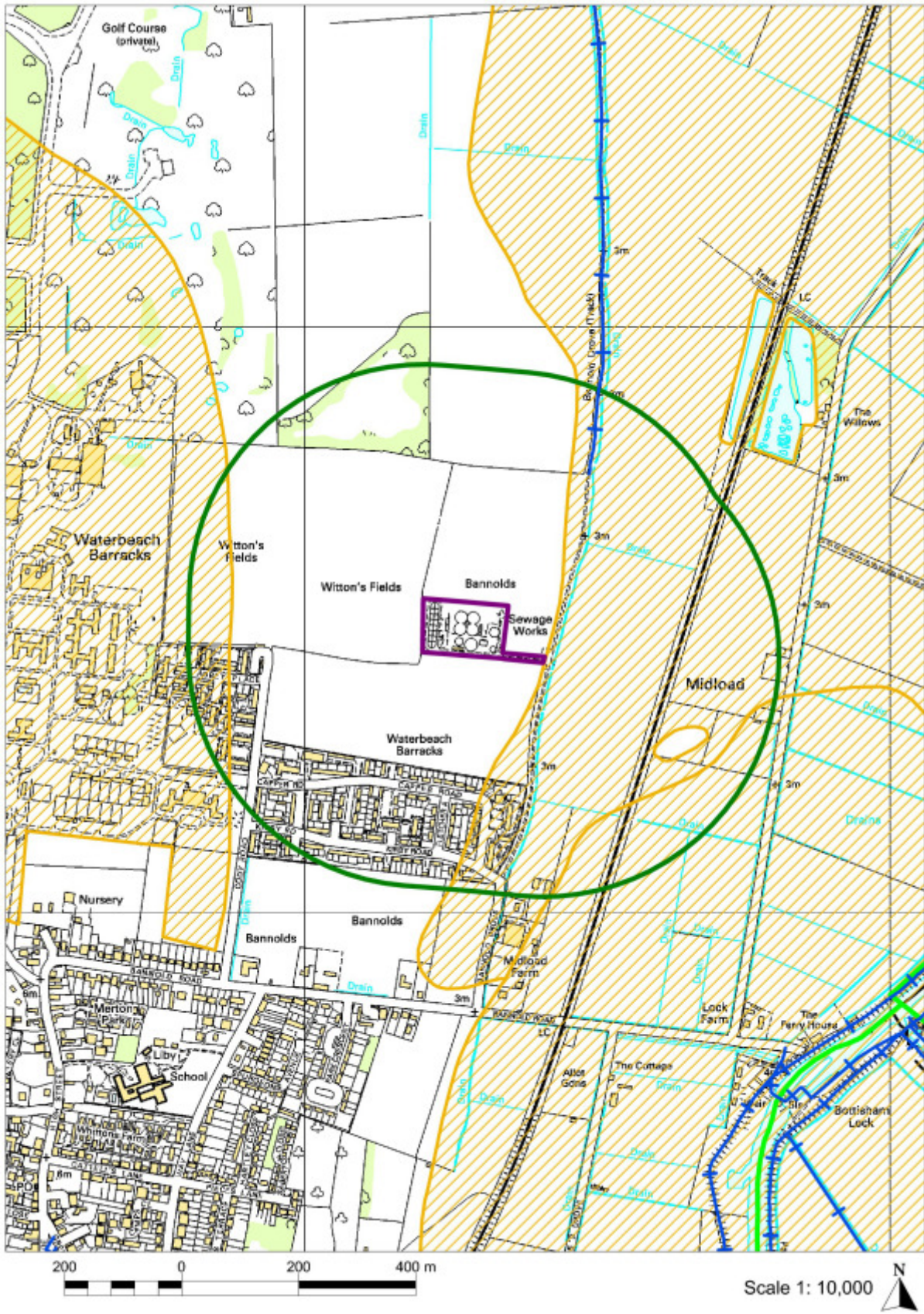
Map Inset No: 127 © Crown copyright. All rights reserved 100023205 (2009).

8.7.43 SSP W7AR - Uttons Drove STW



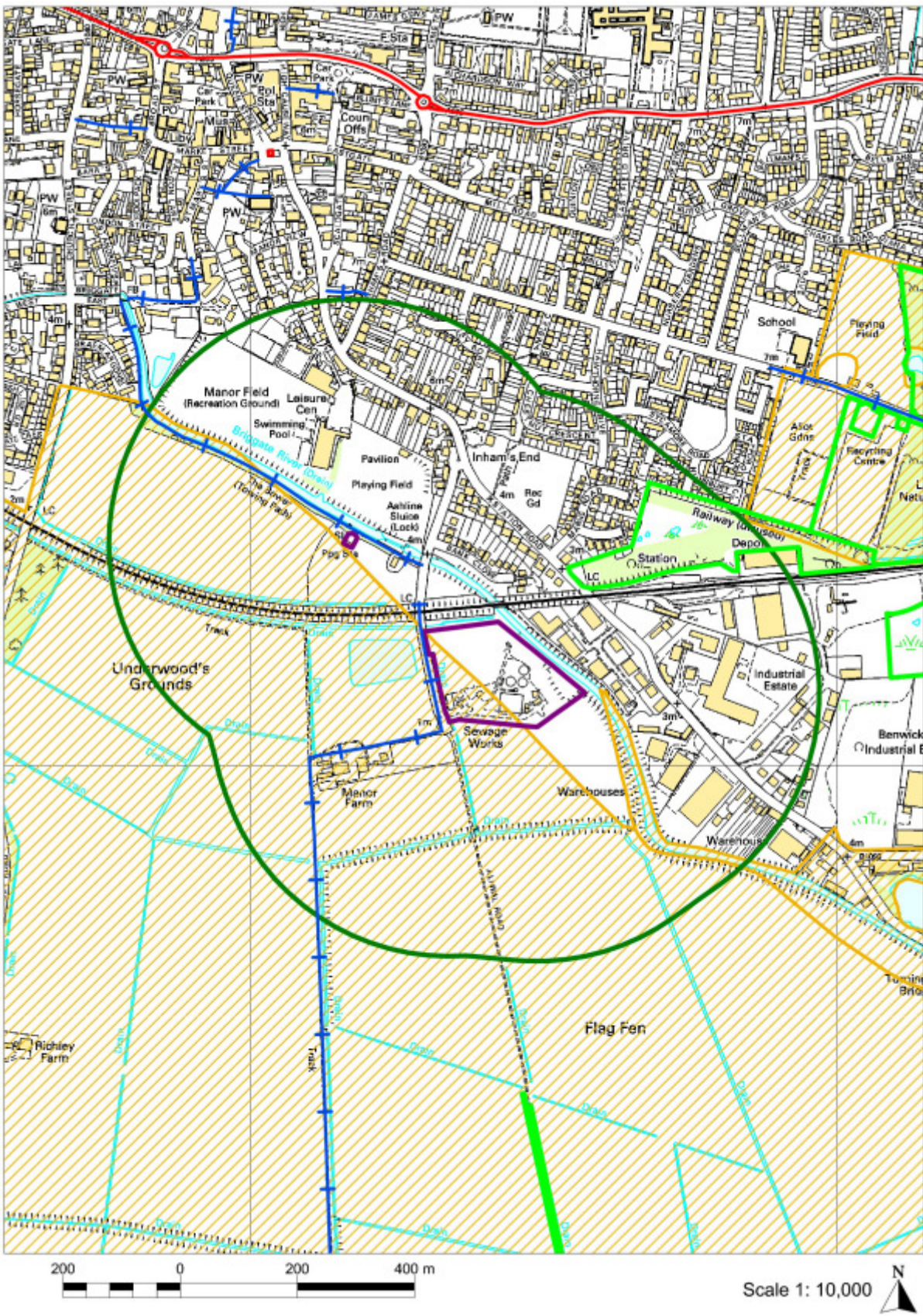
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8.7.44 SSP W7AS - Waterbeach STW



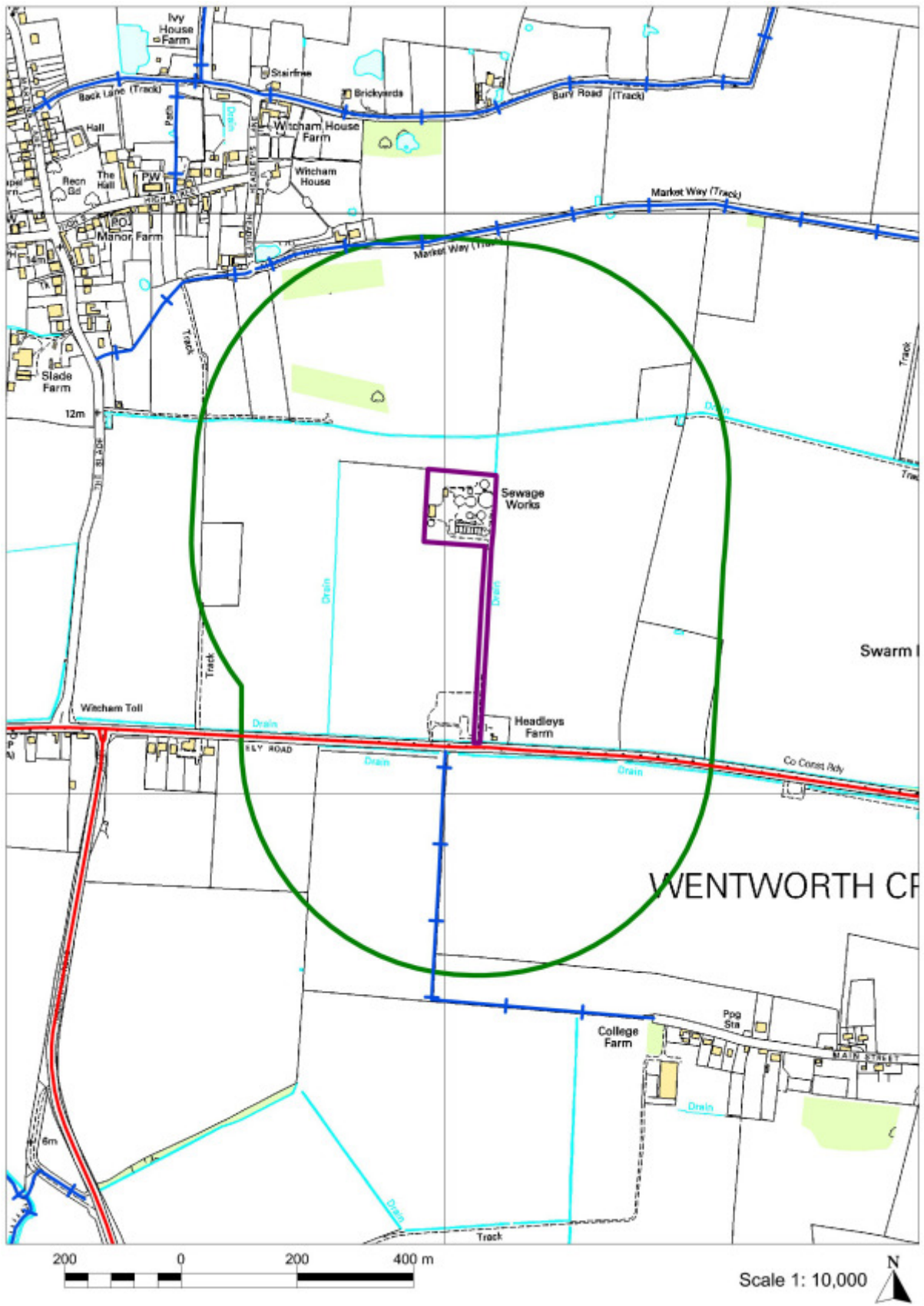
Map Inset No: 129 © Crown copyright. All rights reserved 100023205 (2009).

8.7.45 SSP W7AT - Whittlesey STW



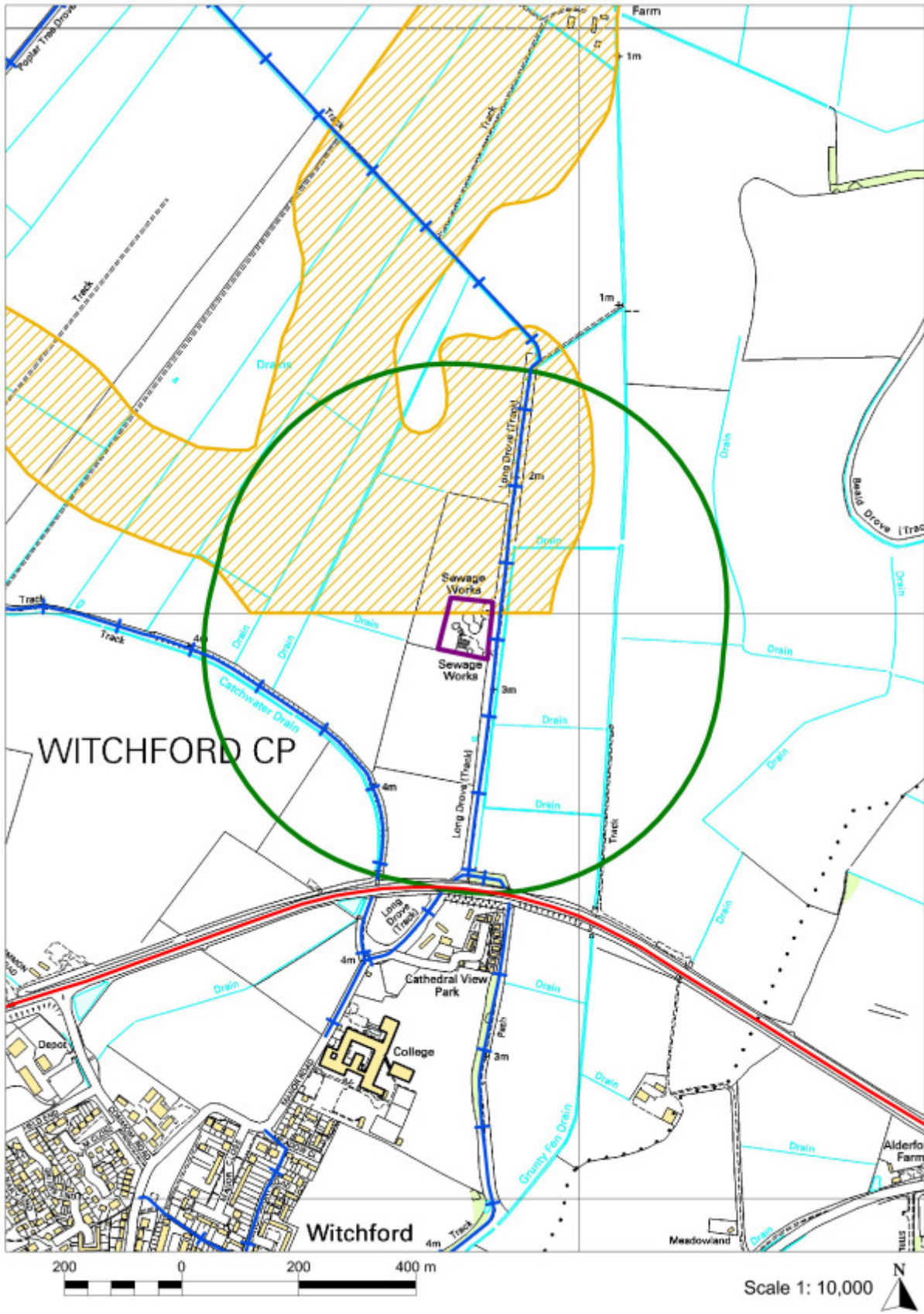
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8.7.46 SSP W7AU - Witcham STW



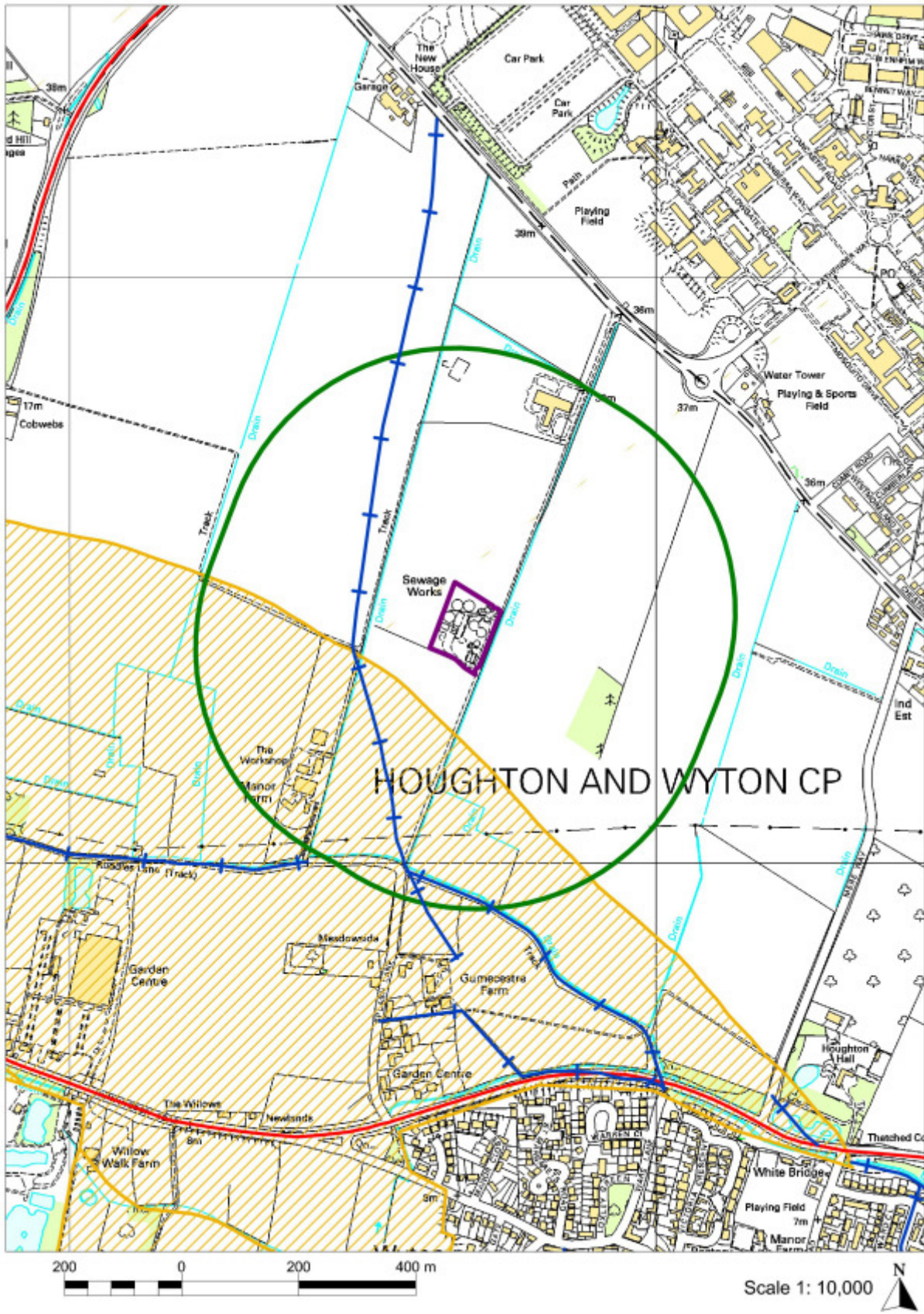
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8.7.47 SSP W7AV - Witchford STW



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8.7.48 SSP W7AW - Wyton (RAF) STW

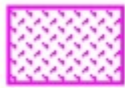


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8.8 Waste Consultation Areas

LEGEND

Allocations and Consultation Areas



Site Allocation



Existing Mineral Site



Existing Waste Site



Mineral Consultation Area



Waste Consultation Area

Mineral Safeguarding Areas



Brickclay Safeguarding Areas



Chalk Safeguarding Areas



Limestone Safeguarding Areas



Sand & Gravel Safeguarding Areas

Additional Features



European Designations (Special Protection Areas, Special Areas of Conservation & Ramsars)



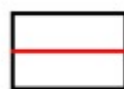
National Designations (Sites of Special Scientific Interest)



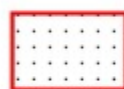
Local Designations (County & City Wildlife Sites & Local Nature Reserves)



Rights of Way



Major Roads



Area Beyond Plan Boundary



Scheduled Ancient Monuments

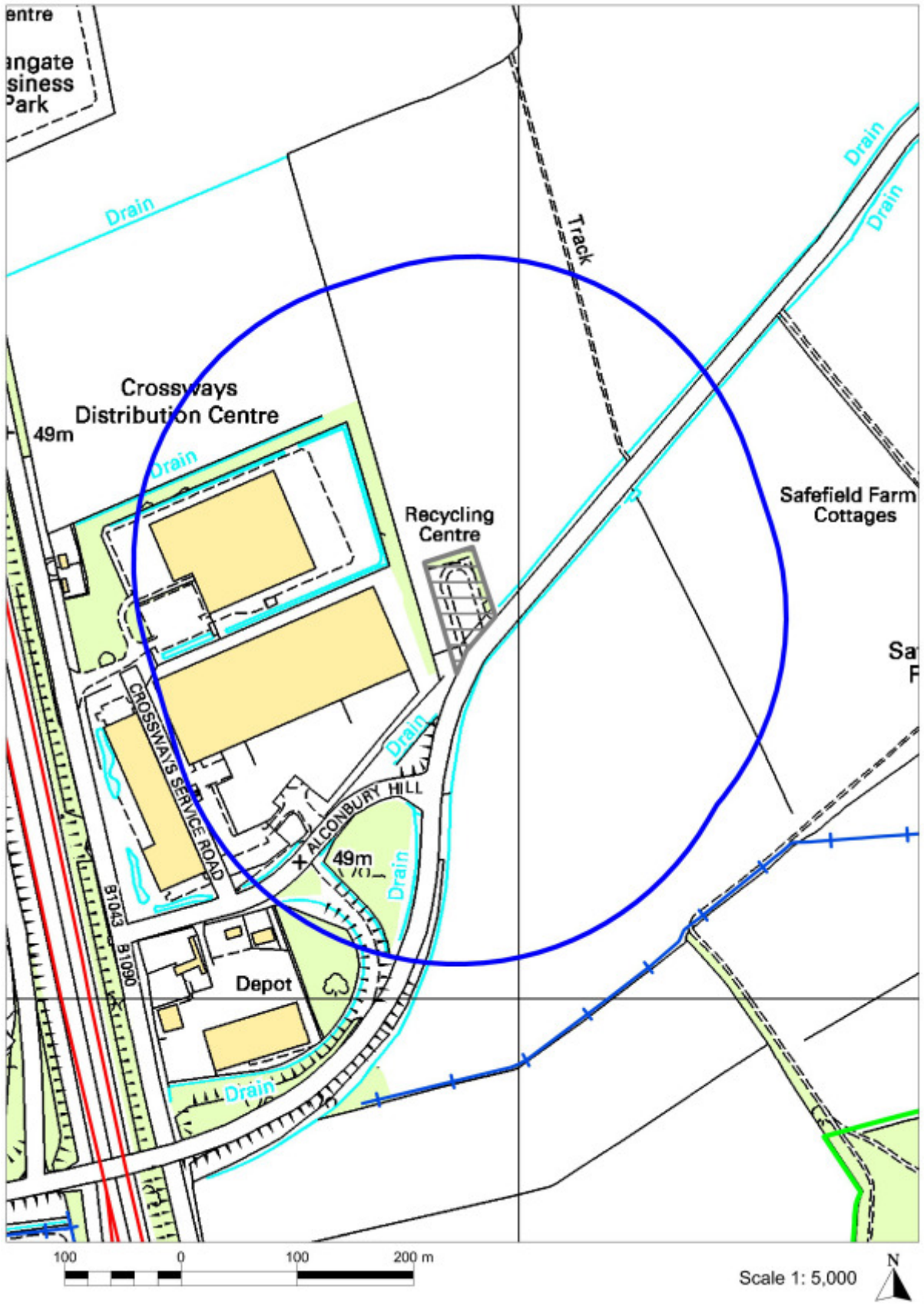
Waste Consultation Areas

8.88 The following are designated as Waste Consultation Areas. Maps and profiles follow.

Ref	Proposed sites with WCA designation	Proposals Map Inset No
	All site specific allocations tabled in policies SSP W1 to SSP W6 are protected by a WCA.	
	Plus	
	WCAs around permitted operational sites	
C	Alconbury HRC	134
E	Bridgesfoot Quarry, Flint Cross (Cmb)	135
K	Cottenham Skips, Cottenham	136
L	Cow Lane, Godmanchester (Donarbon Inert Landfill)	137
M	Cow Lane, Godmanchester (SITA Landfill)	138
O	Cowley Road, Cambridge	139
Q	Dawson Plant Hire, Swavesey	140
S	Dogsthorpe Landfill, Peterborough	141
T	Ely Road, Littleport	142
V	European Metals, Fordham	143
X	Eyebury Landfill, Peterborough	144
Y	Former Mepal Airfield (Cmb), Sutton	145
Z	Fourth Drove, Metals Recycling Facilities, Peterborough	146
AD	Hasse Road, Soham (Composting)	147
AE	Hundred Road, March (Landfill and Household Recycling Centre)	148
AF	Kennett (Landfill)	149
AH	Little Paxton (Eaton Tractors) - (Inert Waste Recycling)	150
AI	Manea Road, Wimblington	151
AK	Marston Road, St Neots	152
AM	Meadow Lane, St Ives (Recycling Centre)	153
AO	Meldreth (Landfill)	154
AP	Milton (Landfill)	155
AT	Pet Crematorium, A505, Thriplow	156
AU	Plantation Farm, Kennett (Inert Recycling)	157
AW	Ramsey (Composting)	158
AZ	South of Worsted Lodge, A11, Pampisford	159
BA	St Neots (Waste Transfer Station)	160
BC	Station Farm, Buckden	161

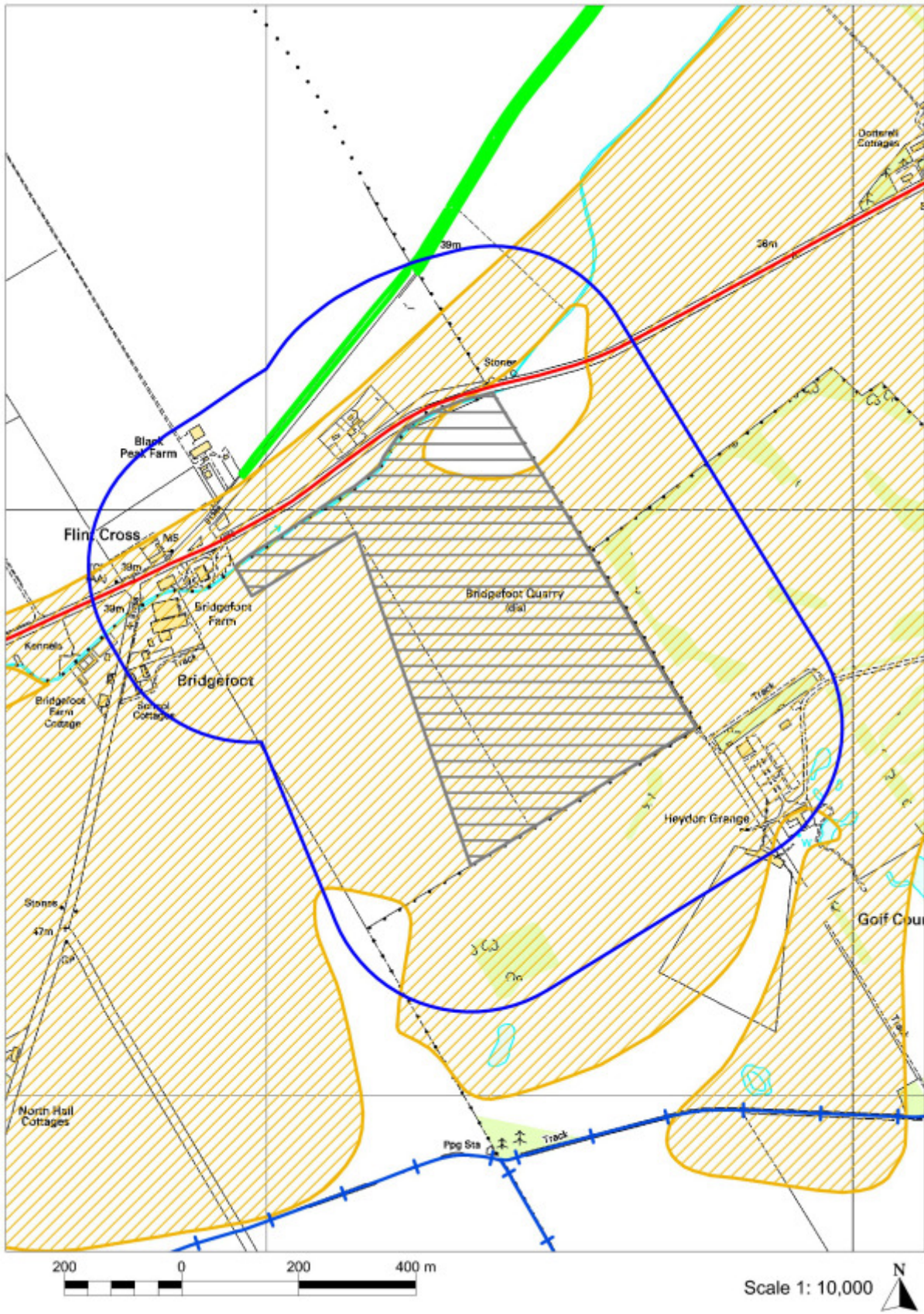
Ref	Proposed sites with WCA designation	Proposals Map Inset No
BE	Ten Mile Bank, Littleport (Waste Transfer Station)	162
BK	Thriplow HRC	163
BL	Warboys (Landfill)	164
BP	Whittlesey HRC	165
BQ	Wisbech HRC	166
BR	Witchford Road, Wisbech	167
BS	Woodhatch Farm, Brampton (Composting)	168
BV	Bluntisham Household Recycling Centre	169
BW	Hook Lane, Wimblington	170

8.8.1 SSP W8C - Alconbury HWRC



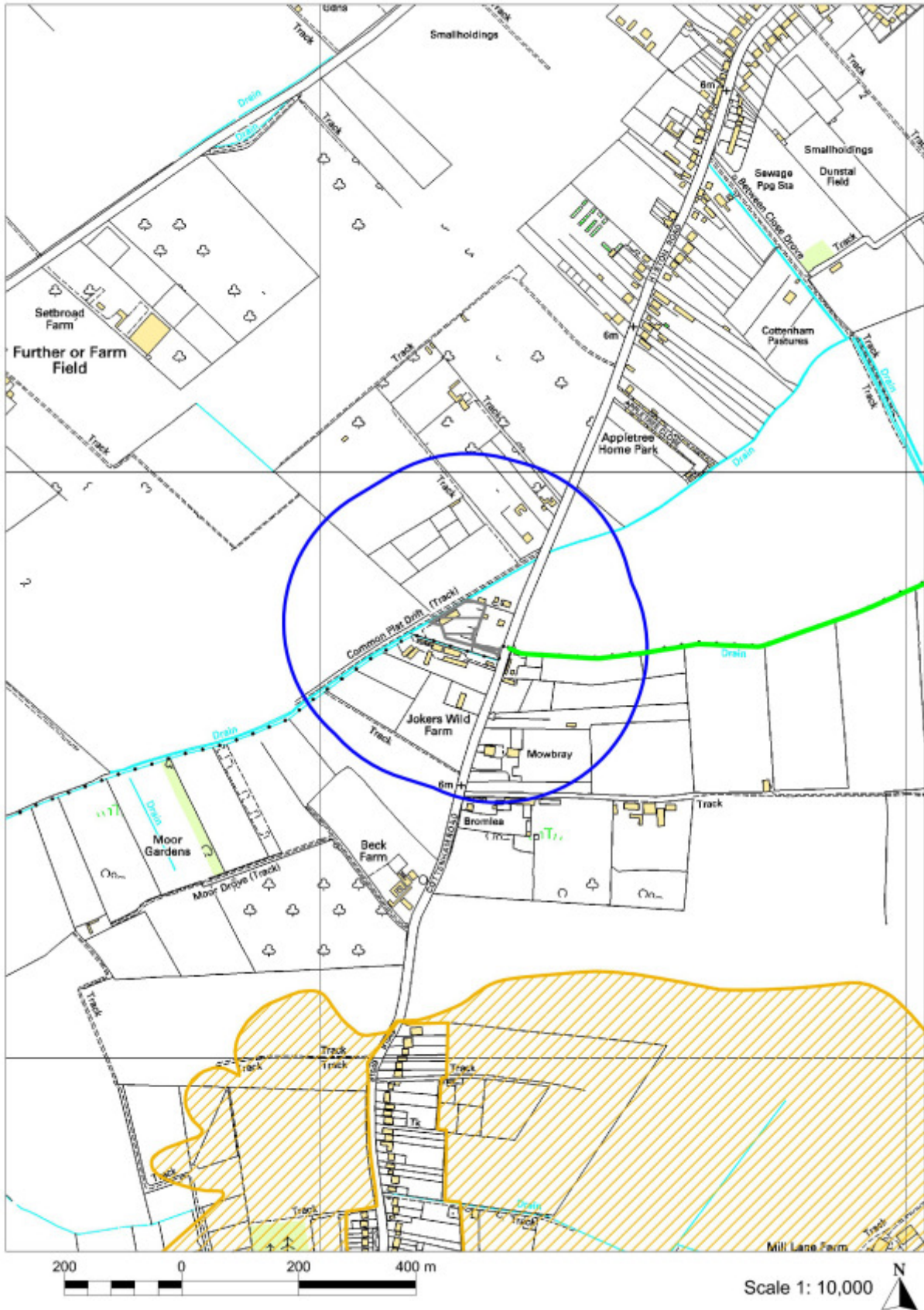
Map Inset No: 134 © Crown Copyright 100023205 2009

8.8.2 SSP W8E - Bridgefoot Quarry, Flint Cross (cmb)



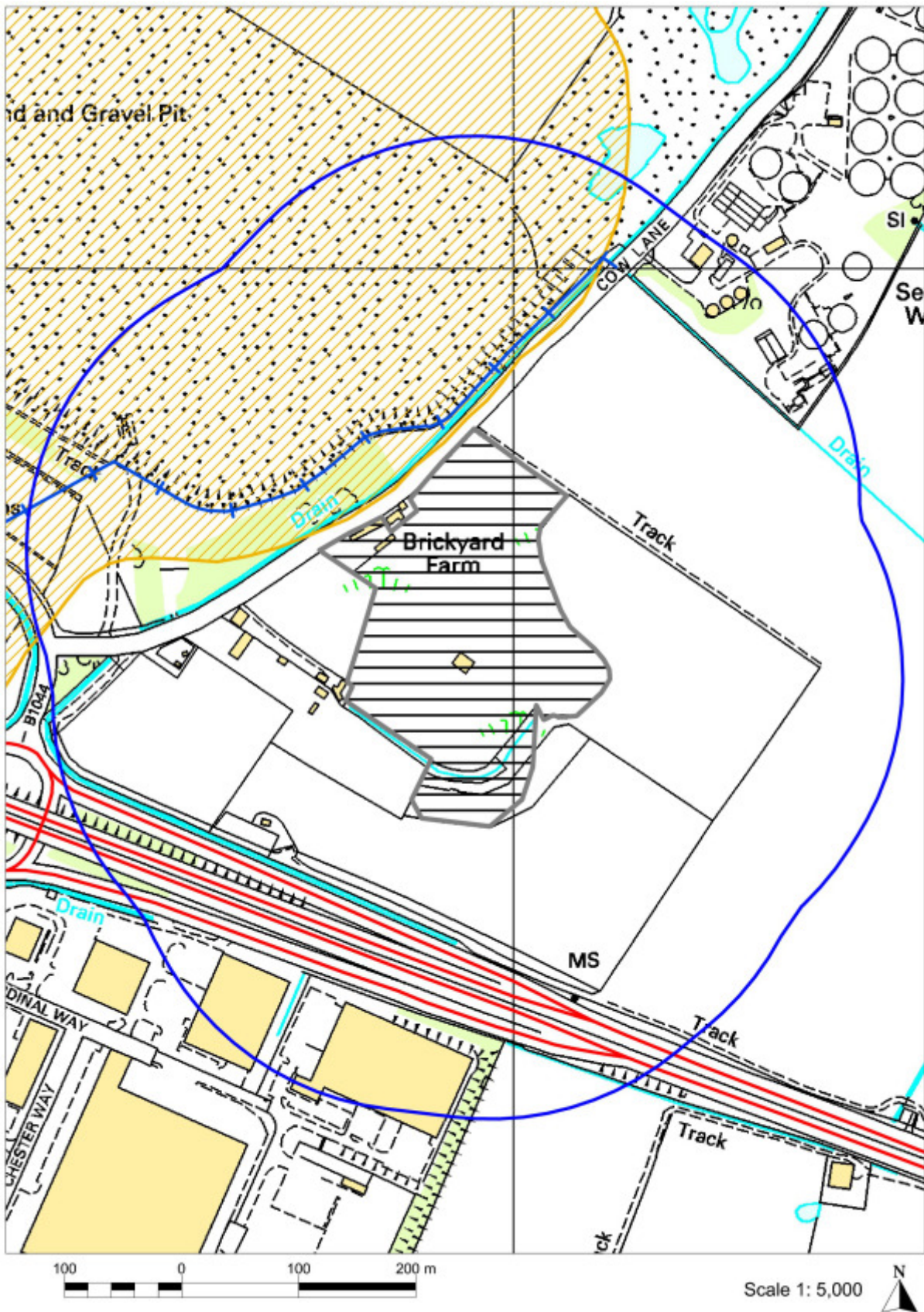
Map Inset No: 135 © Crown Copyright 100023205 2009

8.8.3 SSP W8K - Cottenham Skips, Cottenham (inert recycling and inert WTS)



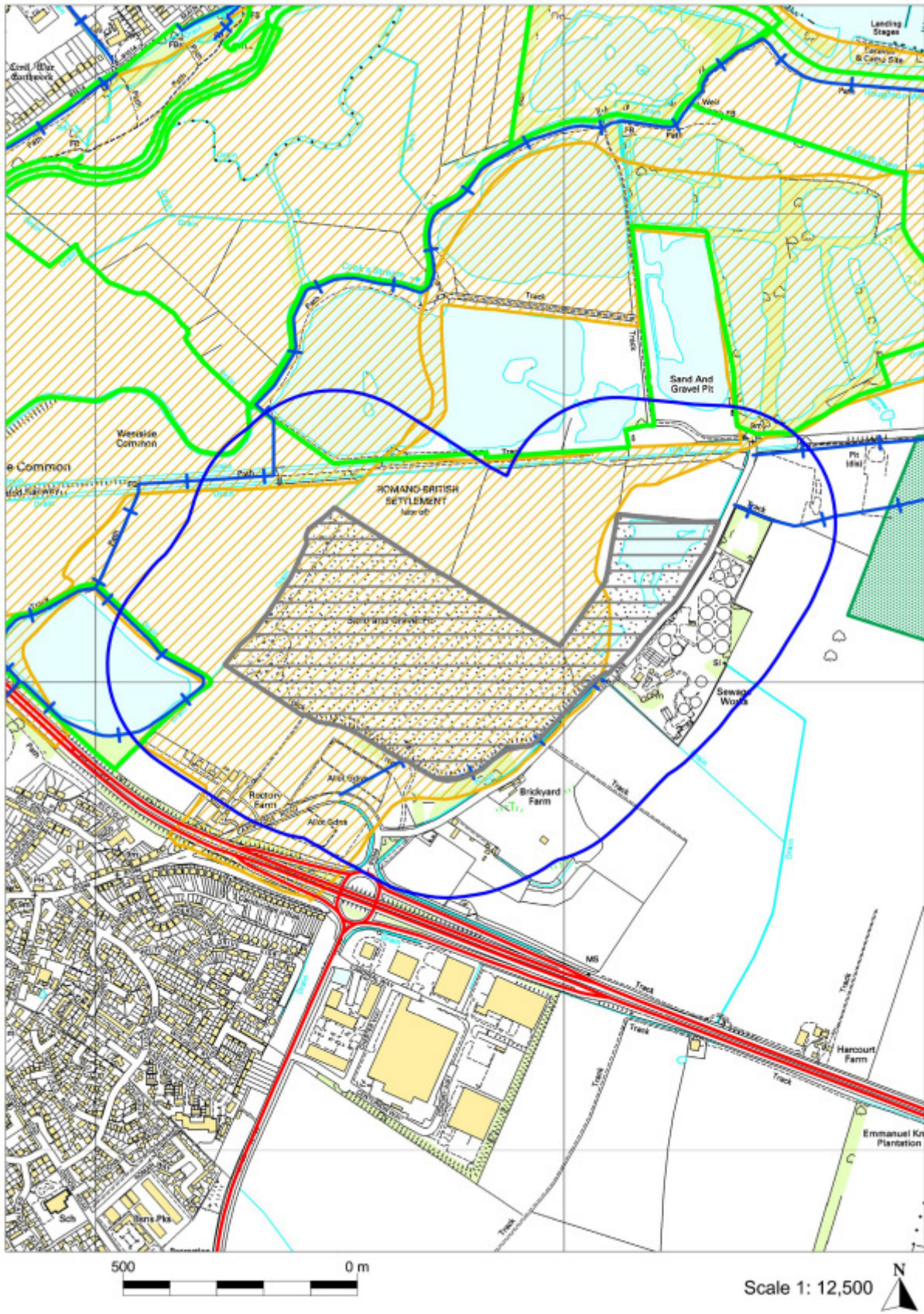
Picture Inset No: 136 © Crown Copyright 100023205 2009

8.8.4 SSP W8L - Cow Lane, Godmanchester (Donarbon Inert Landfill)



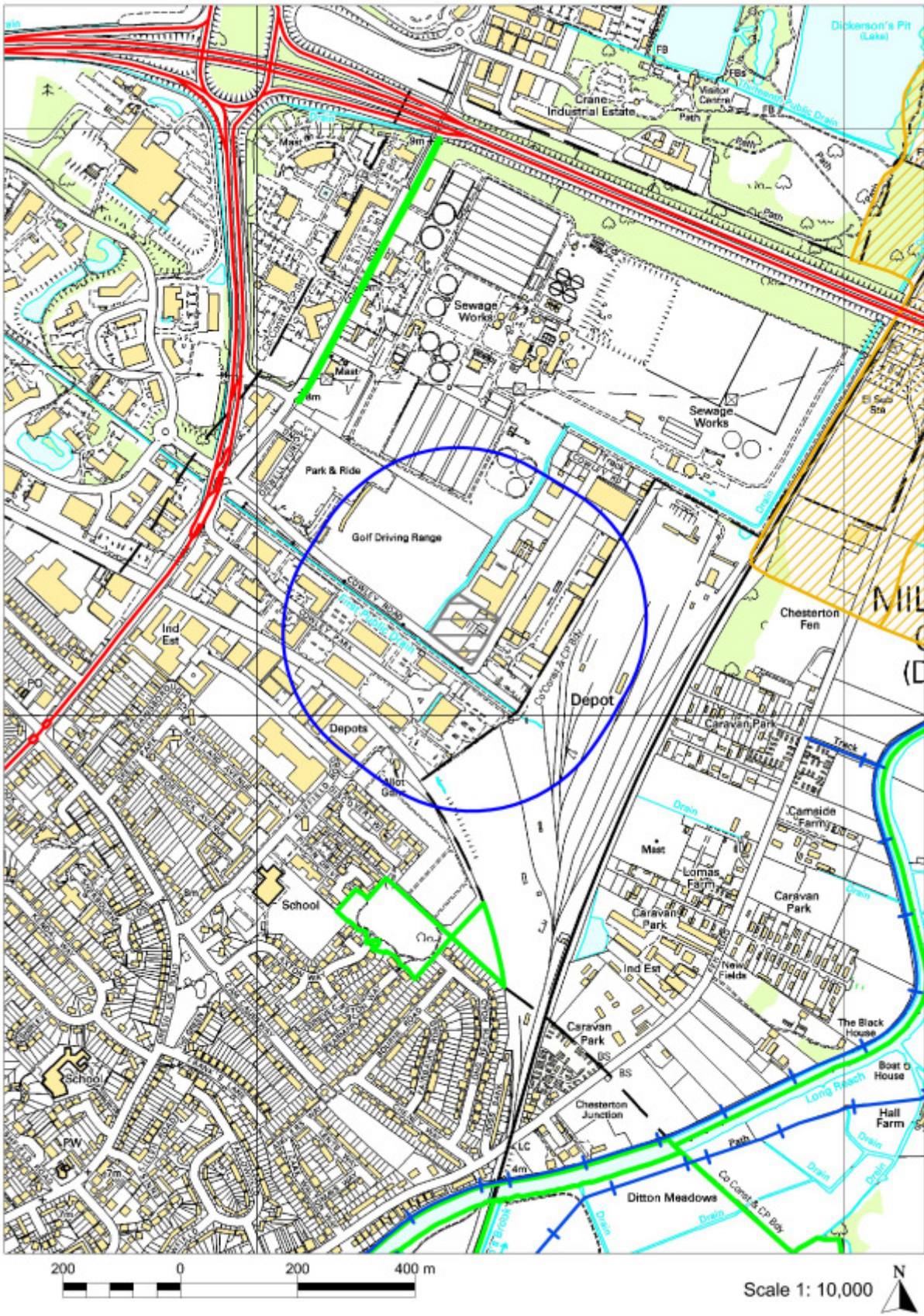
Map Inset No:137 © Crown Copyright 100023205 2009

8.8.5 SSP W8M - Cow Lane, Godmanchester (SITA Landfill)



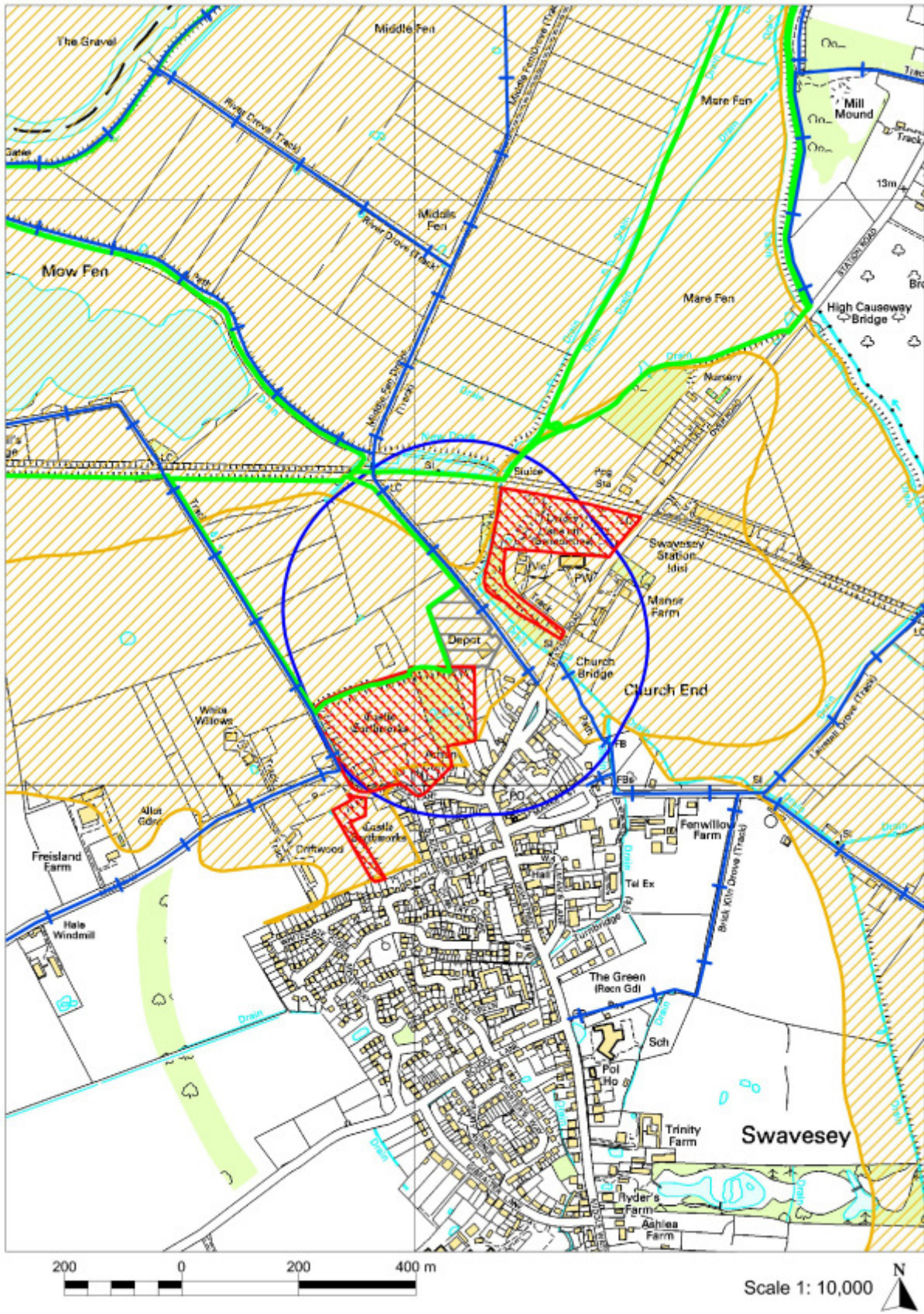
Map Inset No: 138 © Crown Copyright 100023205 2009

8.8.6 SSP W8O - Cowley Road, Cambridge (WTS)



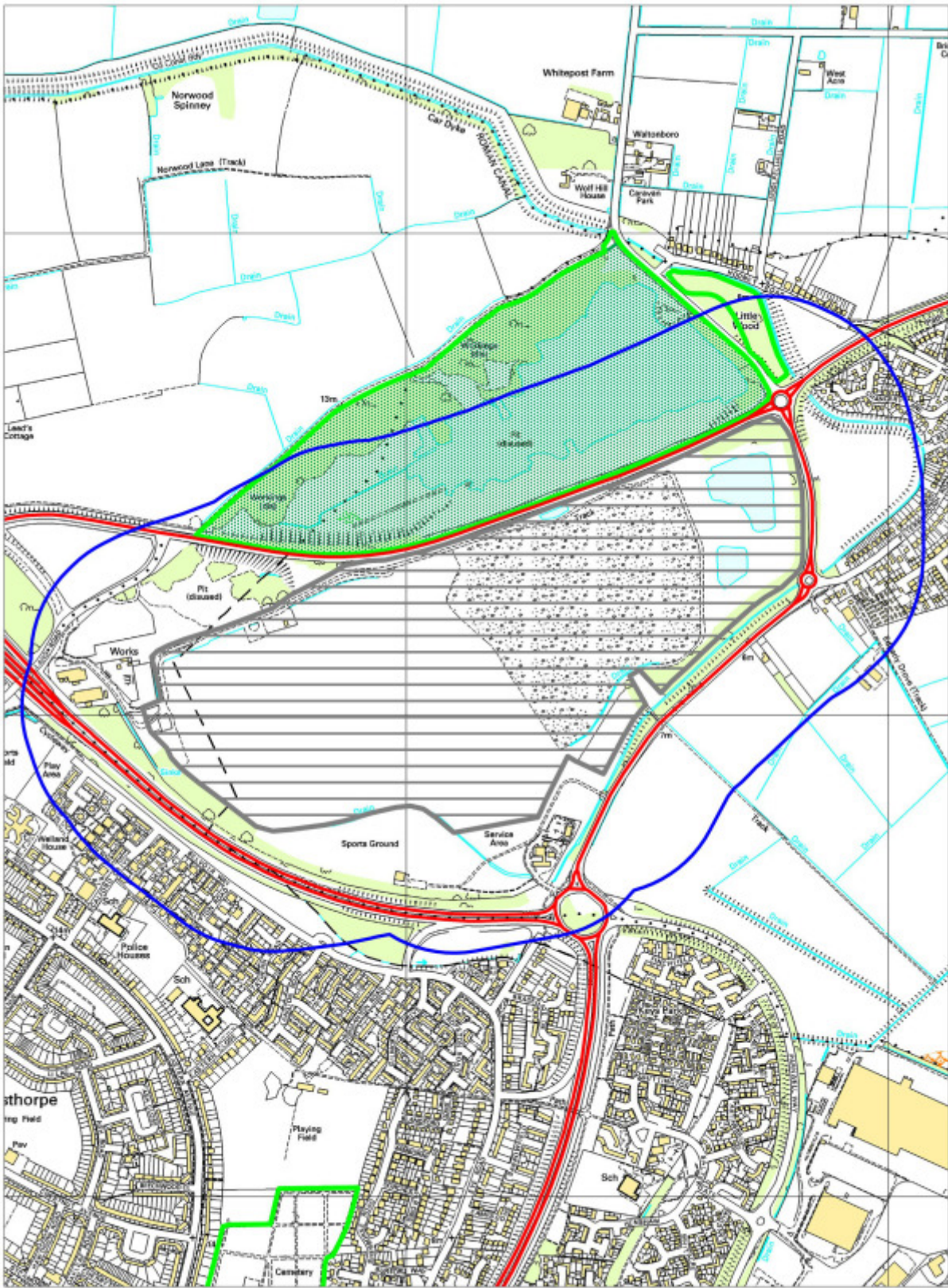
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8.8.7 SSP W8Q - Dawson Plant Hire, Swavesey (inert recycling and WTS)



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8.8.8 SSP W8S - Dogsthorpe Landfill

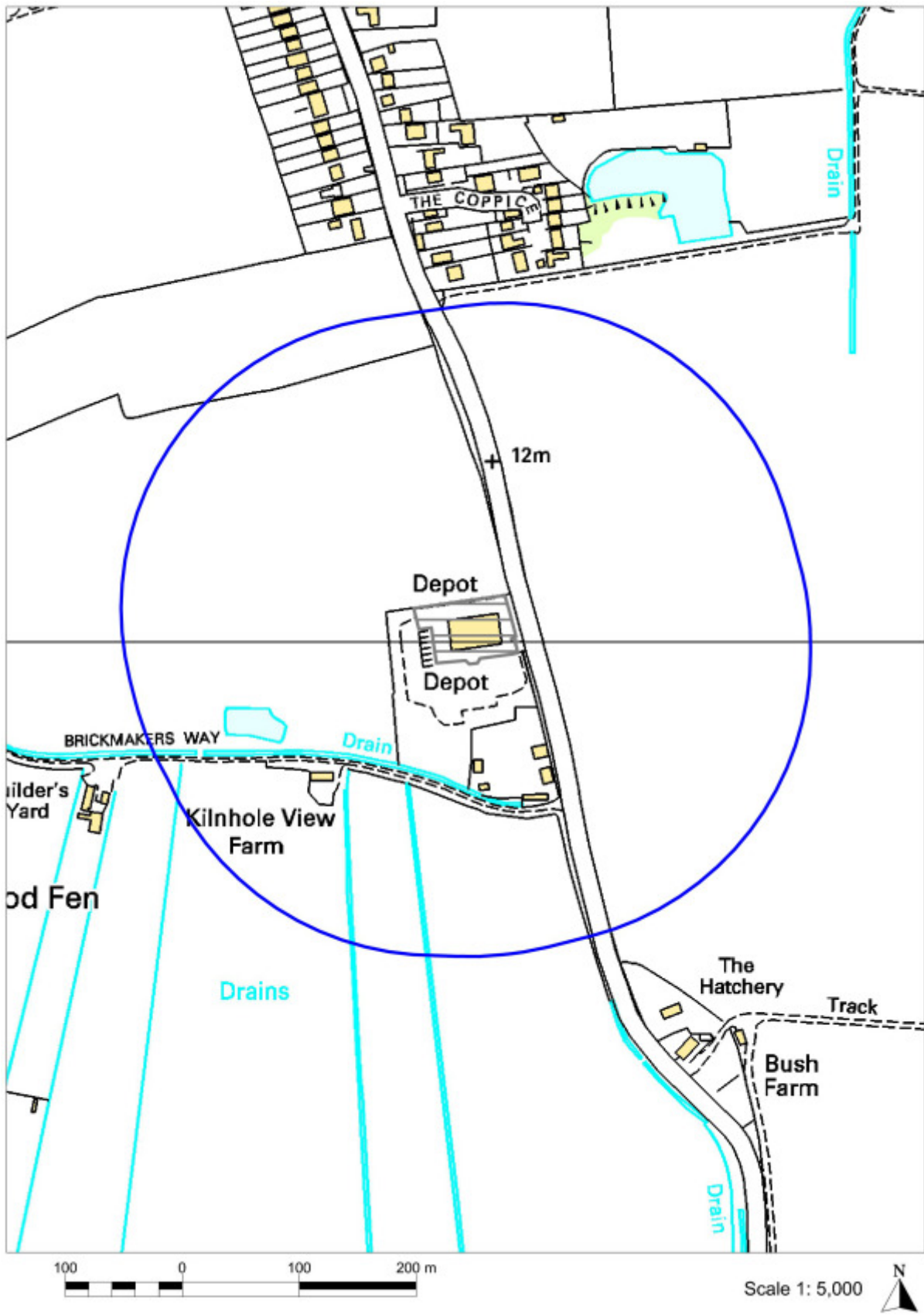


Scale 1: 12,500 

The Bricklay Mineral Safeguarding Area extends into this area but is not shown here. Please see Appendix D: Mineral Safeguarding Areas for details.

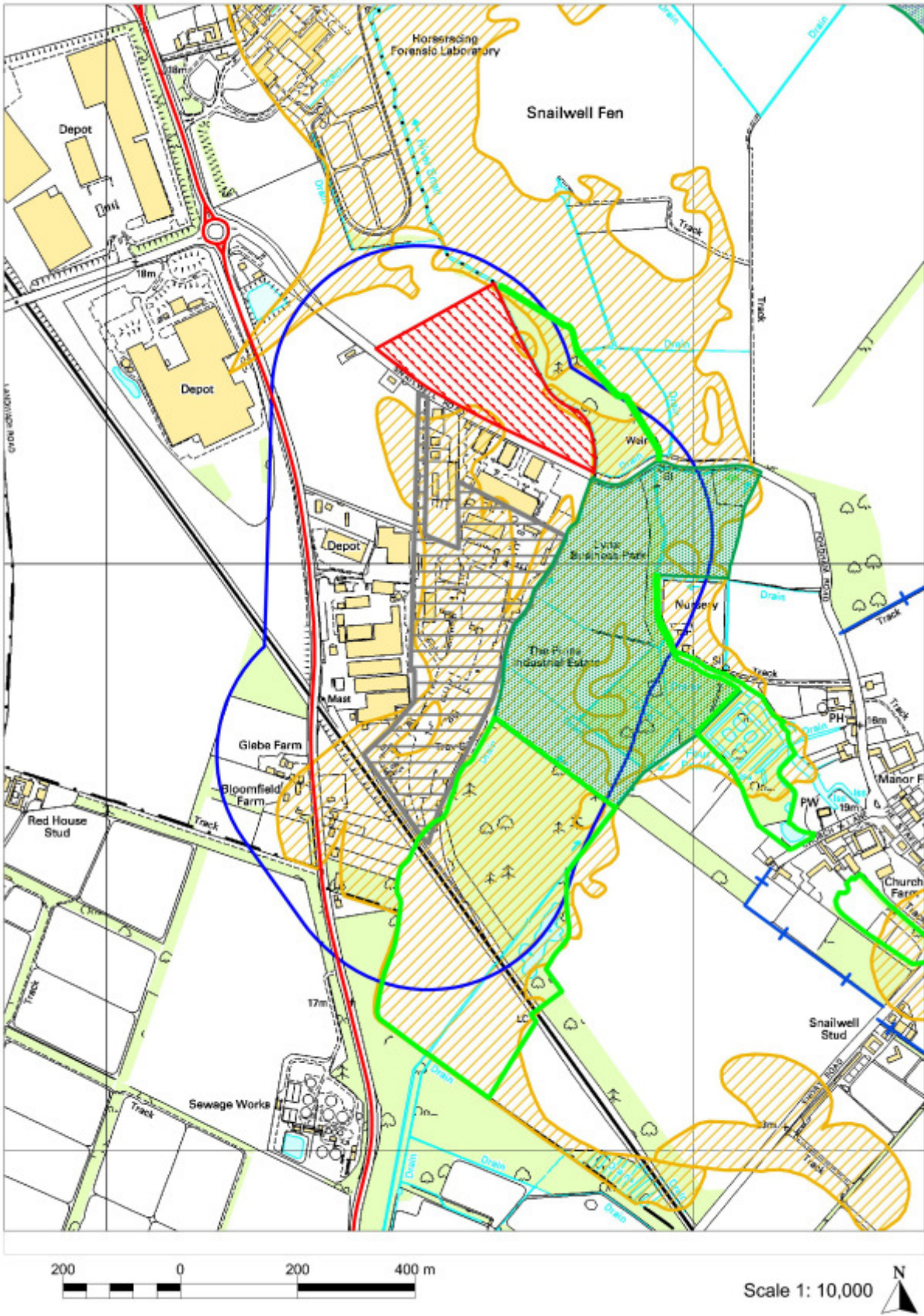
Map Inset No: 141 © Crown Copyright 100023205 2009

8.8.9 SSP W8T - Ely Road, Littleport (inert recycling and WTS)



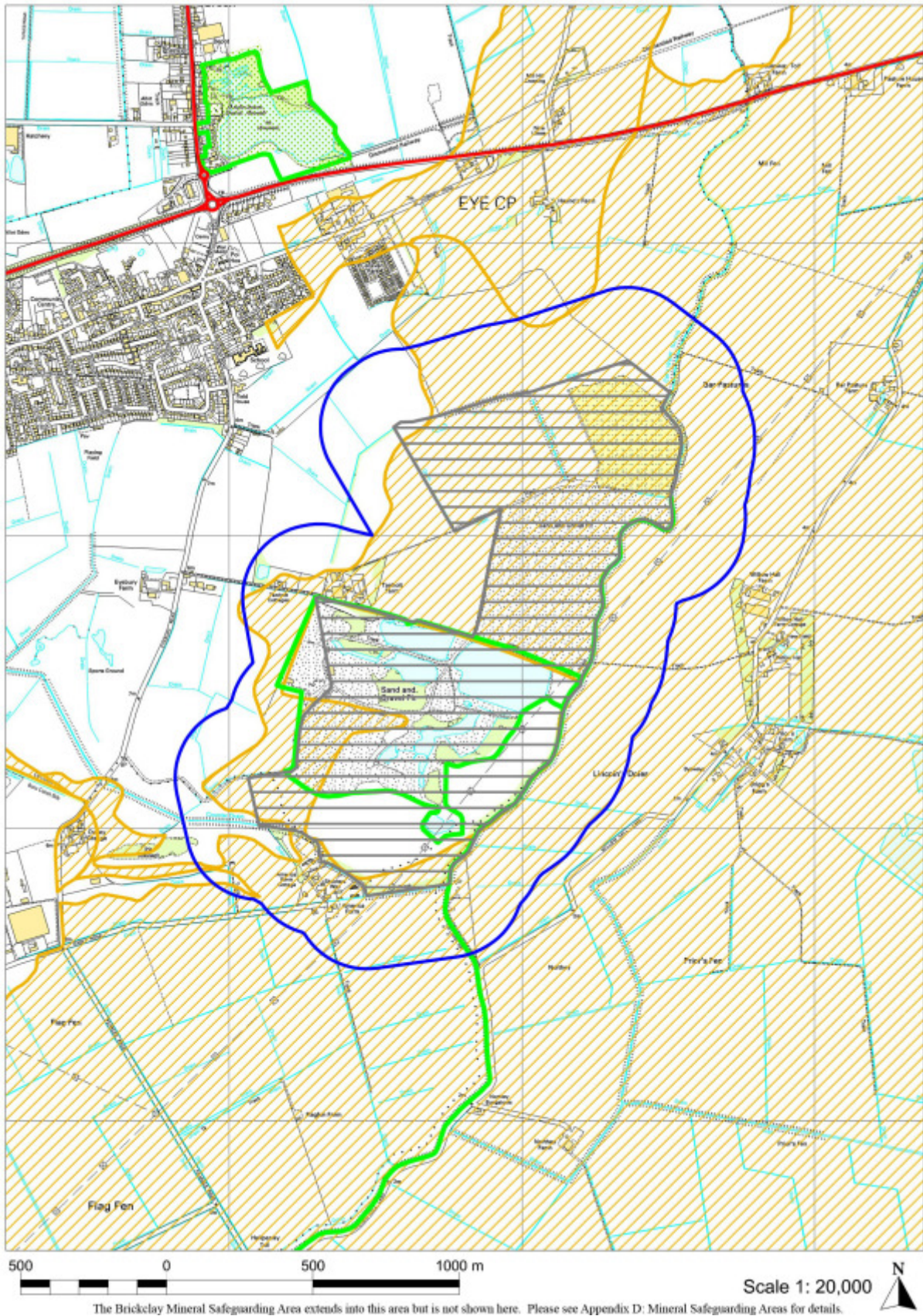
Map Inset No: 142 © Crown Copyright 100023205 2009

8.8.10 SSP W8V - European Metals, Fordham Road, Snailwell (metal recyclers)



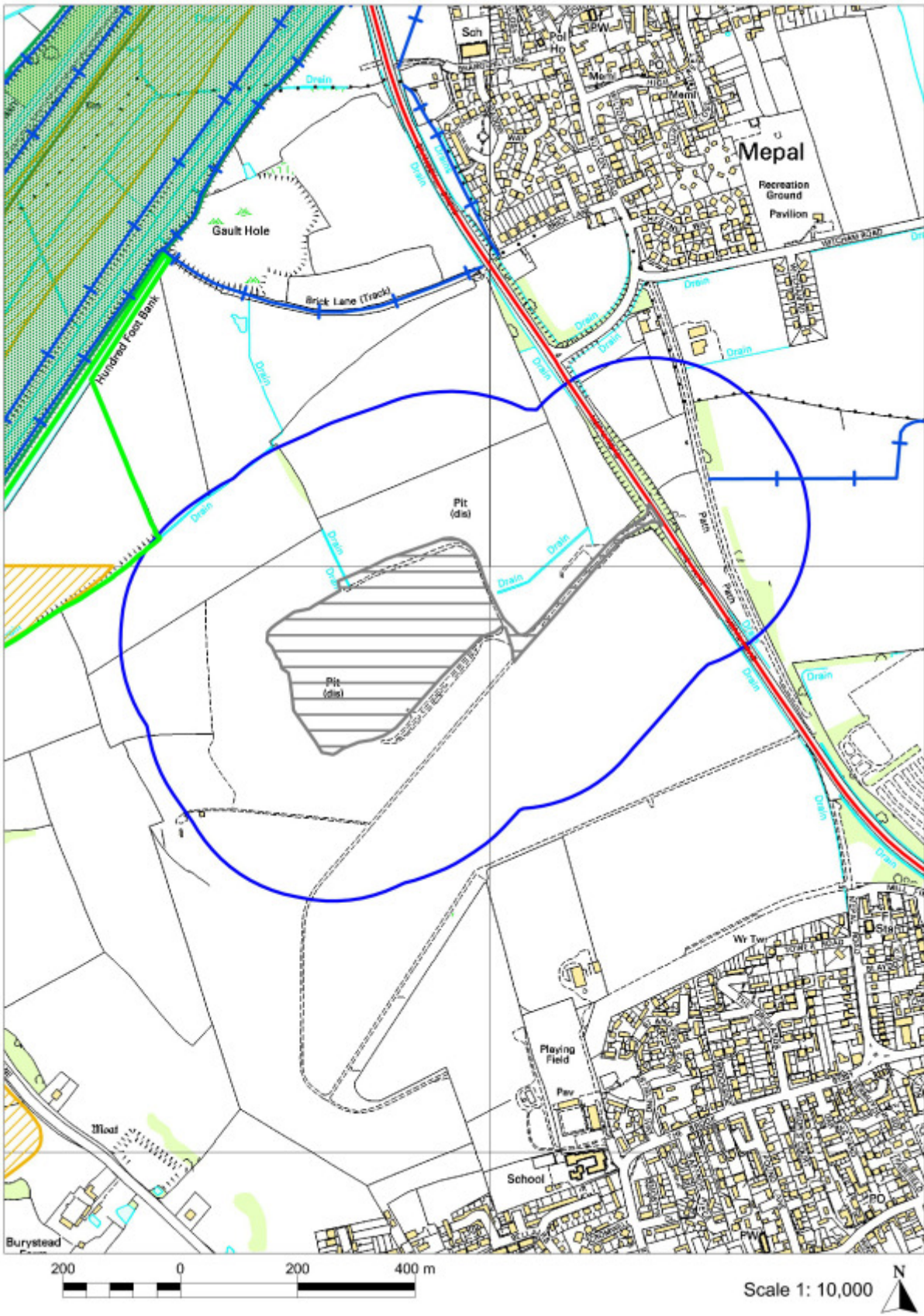
Map Inset No: 143 © Crown Copyright 100023205 2009

8.8.11 SSP W8X - Eyebury Landfill



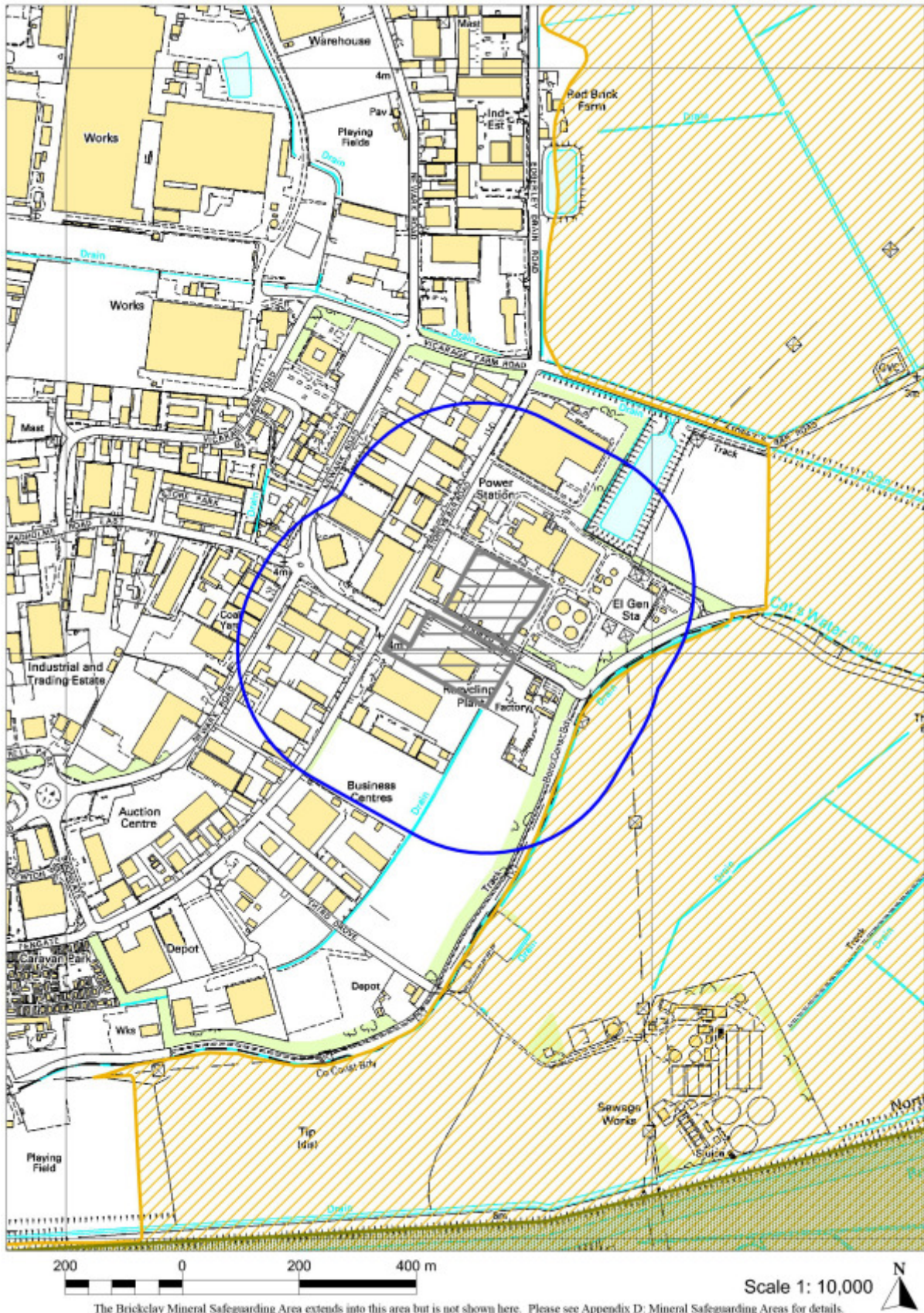
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8.8.12 SSP W8Y - Former Mepal Airfield (cmb), Sutton



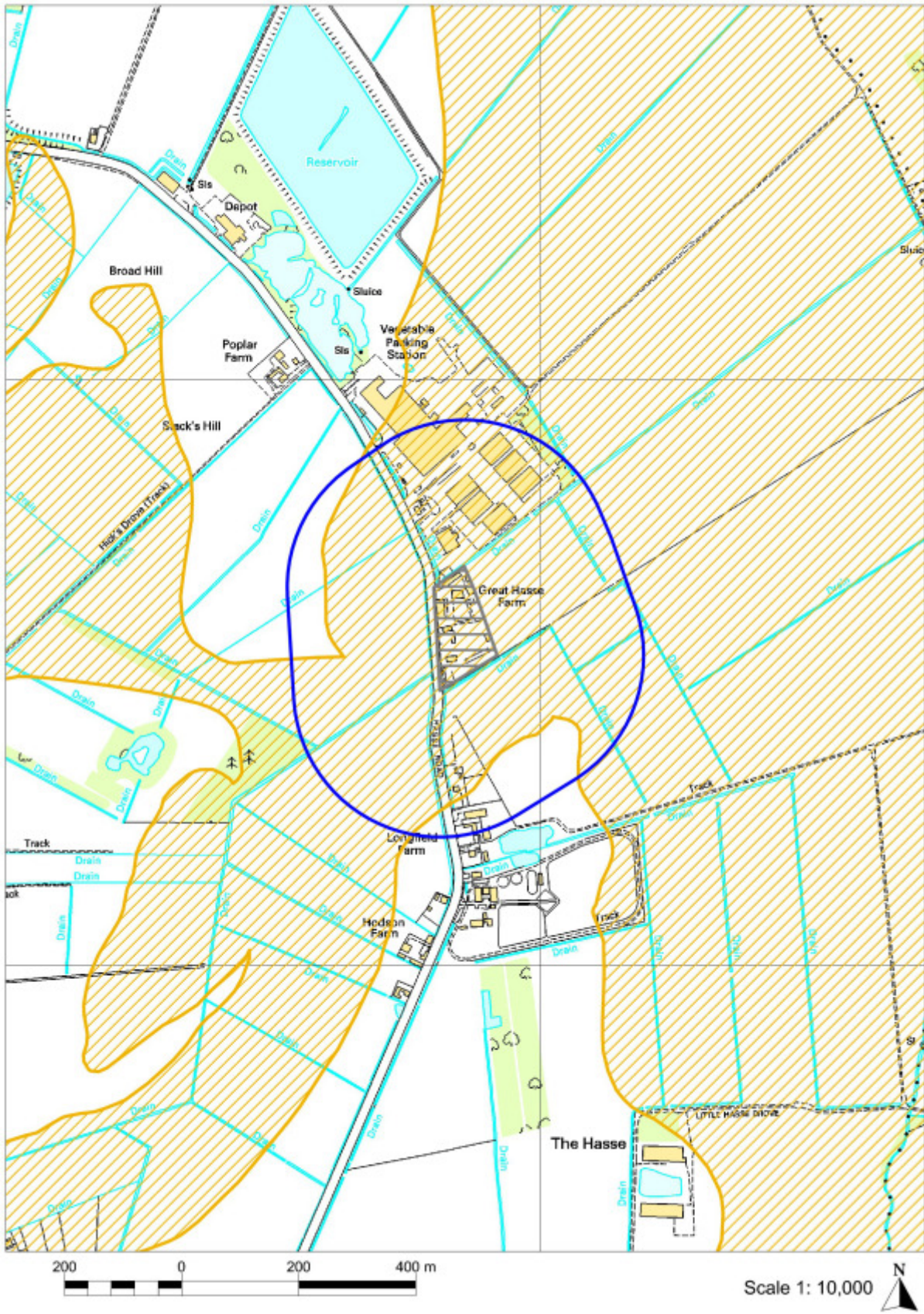
Map Inset No: 145 © Crown Copyright 100023205 2009

8.8.13 SSP W8Z - Fourth Drove, Materials Recycling Facilities



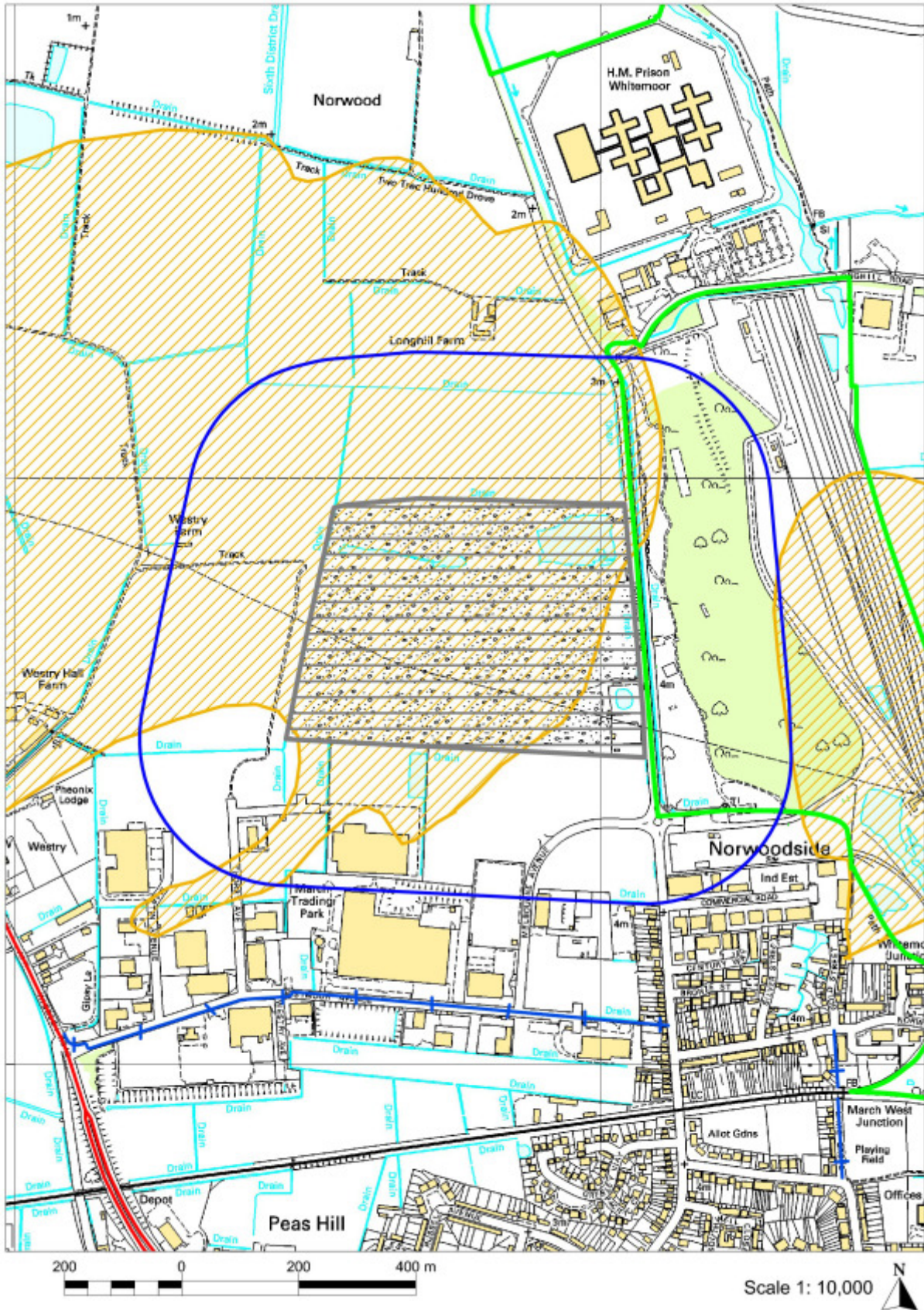
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8.8.14 SSP W8AD - Hasse Road, Soham (composting)



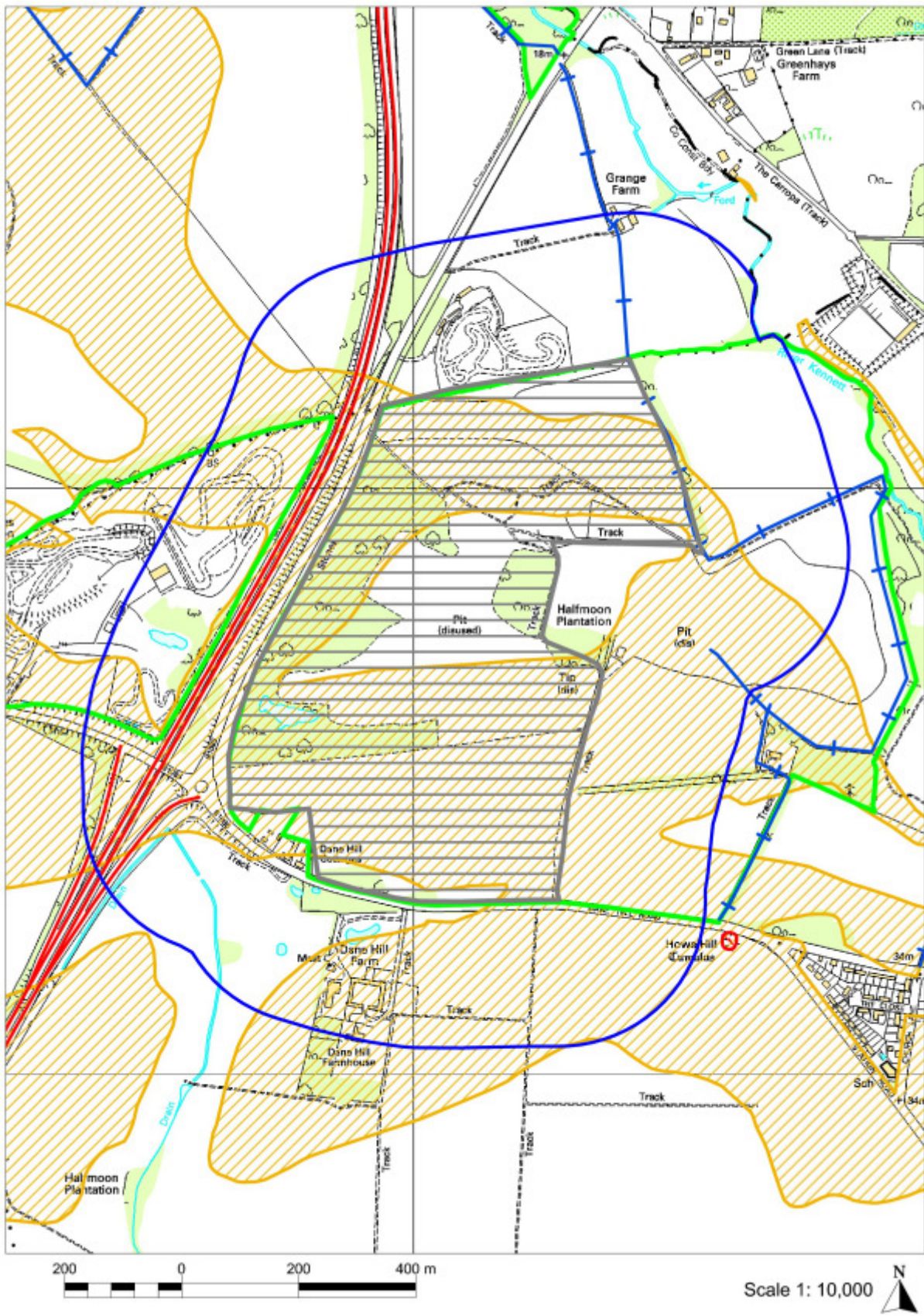
Map Inset No: 147 © Crown Copyright 100023205 2009

8.8.15 SSP W8AE - Hundred Road, March (landfill site and local recycling centre)



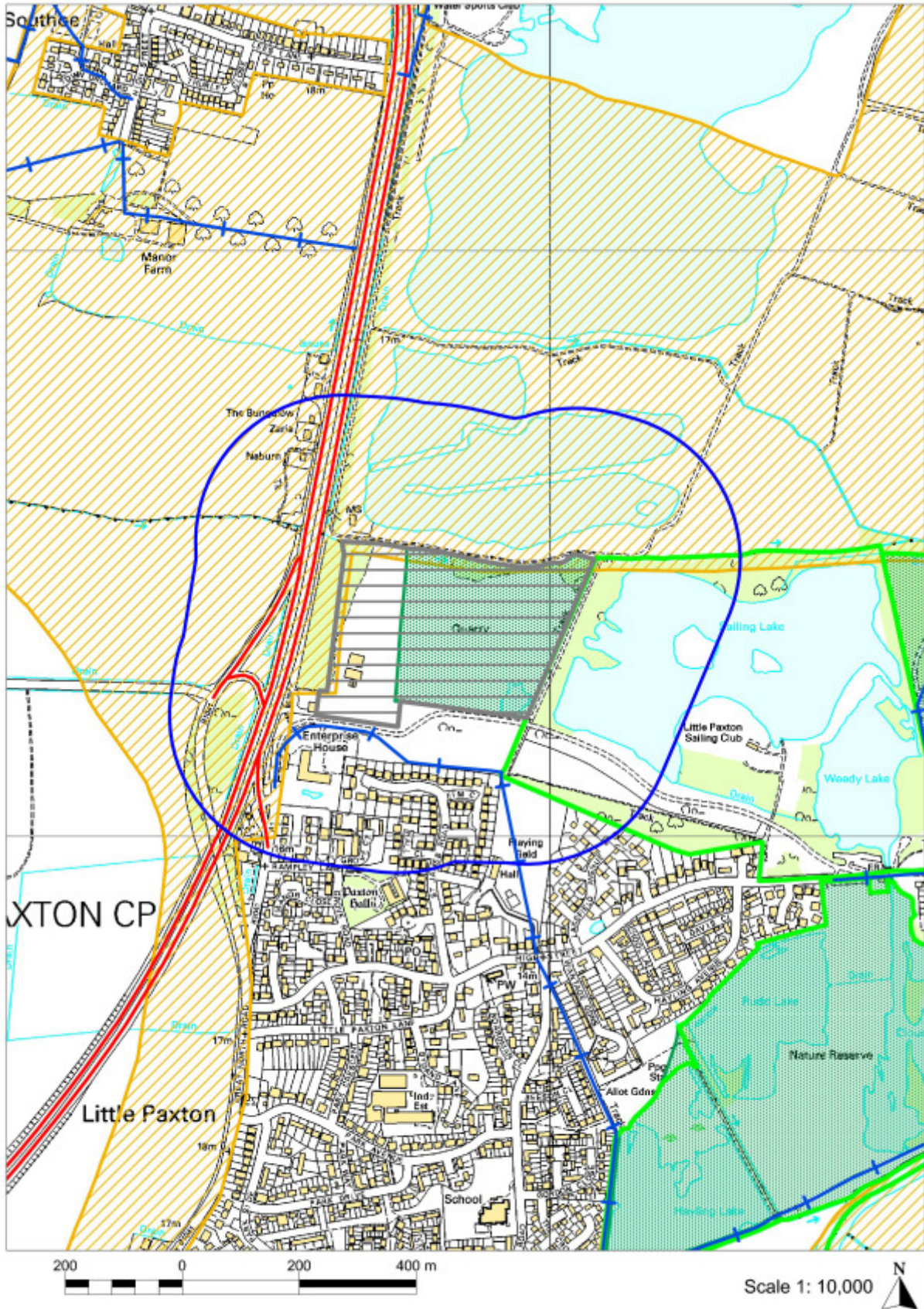
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8.8.16 SSP W8AF - Kennet (landfill)



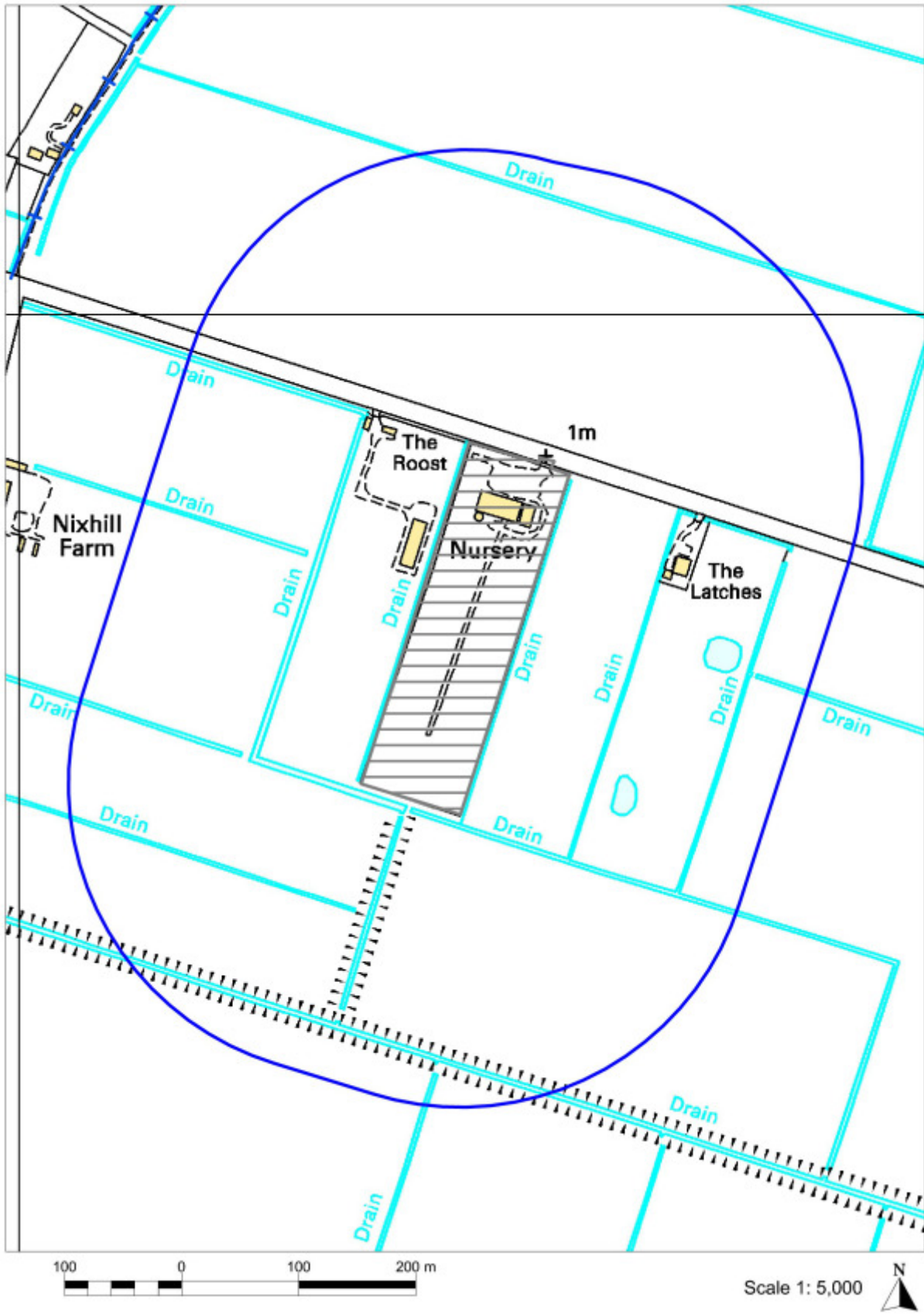
Map Inset No: 149 © Crown Copyright 100023205 2009

8.8.17 SSP W8AH - Little Paxton (Eaton Tractors) (inert waste recycling and transfer)



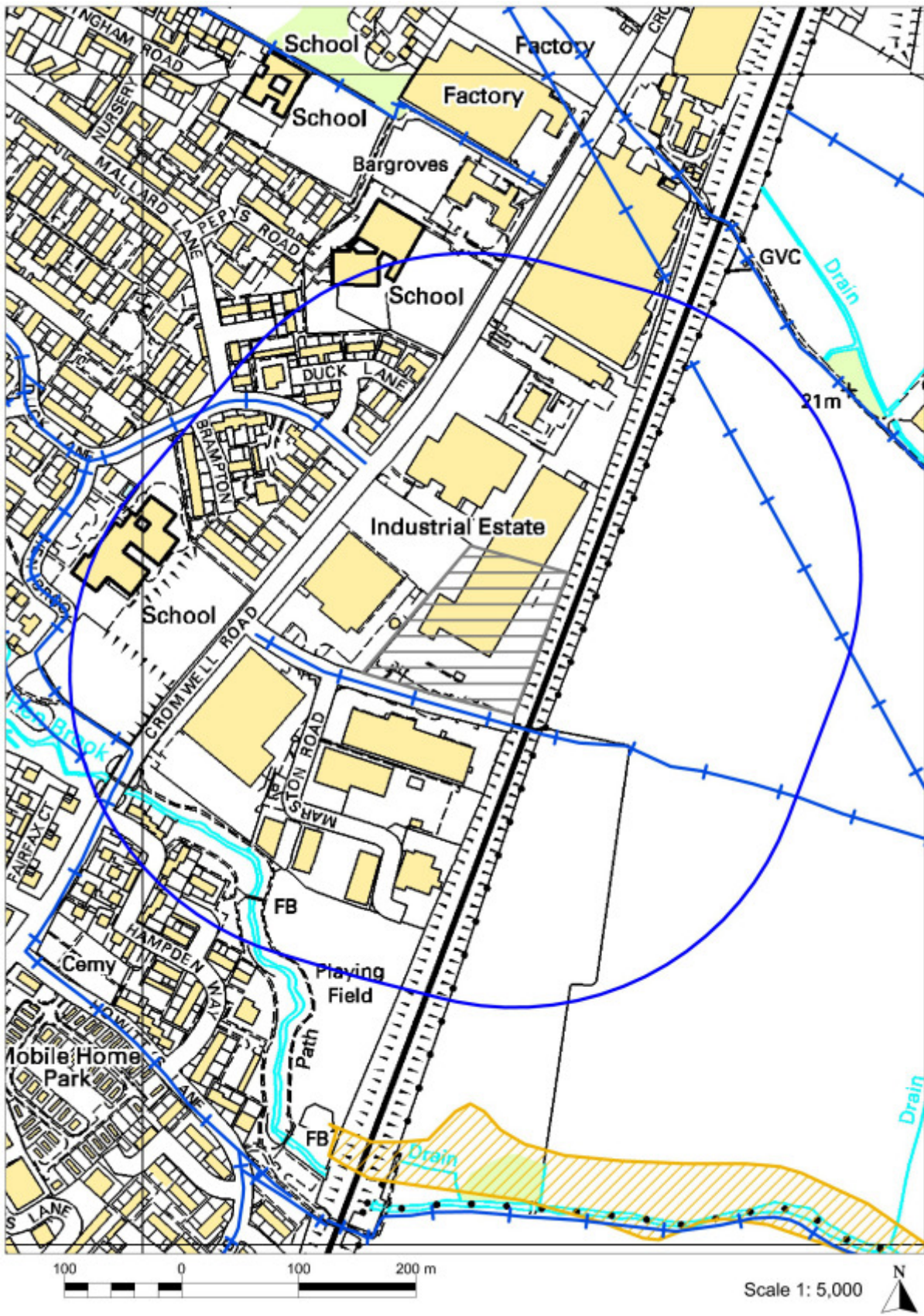
Map Inset No: 150 © Crown Copyright 100023205 2009

8.8.18 SSP W8AI - Manea Road, Wimblington



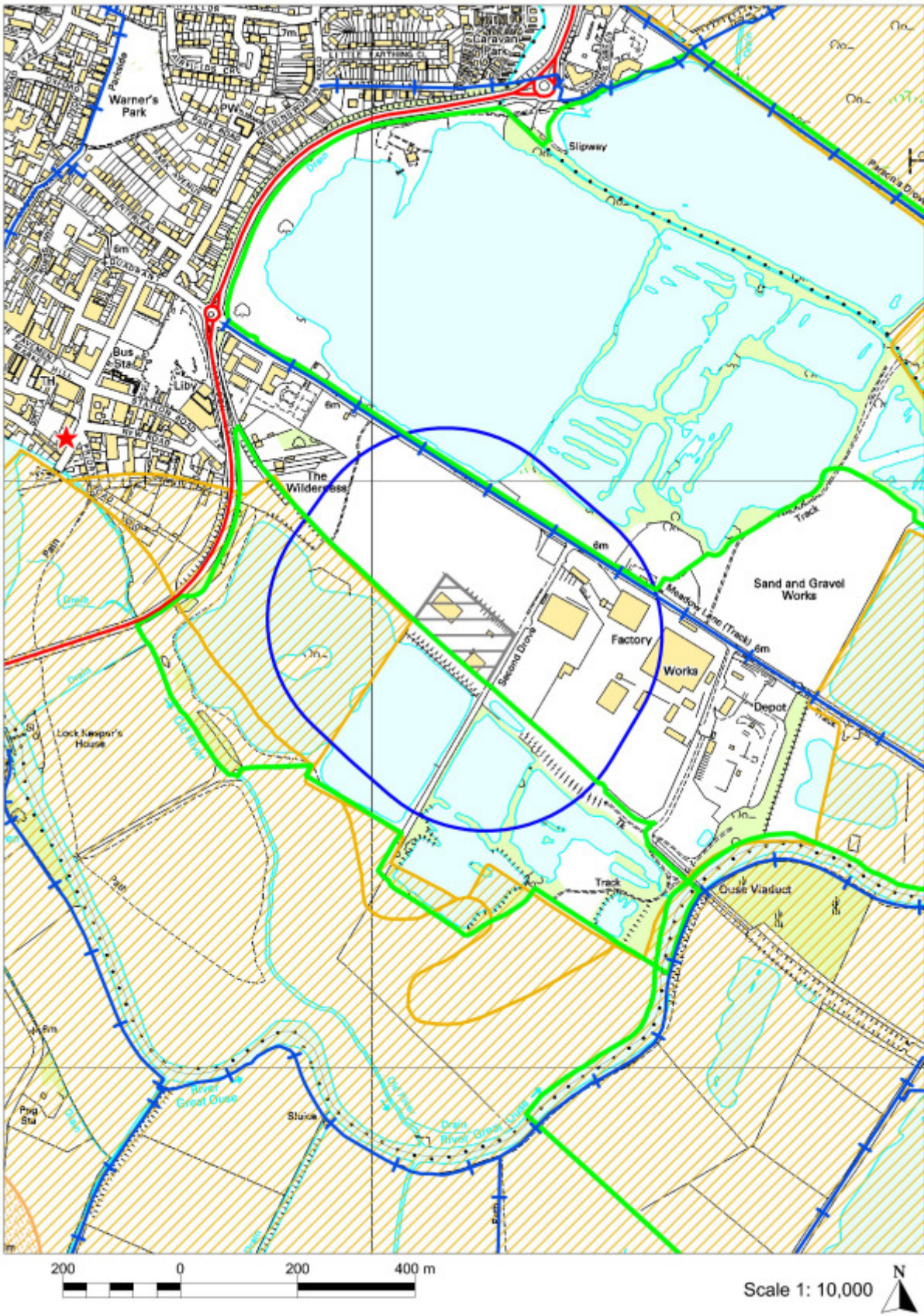
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8.8.19 SSP W8AK - Marston Road, St Neots



Map Inset No: 152 © Crown Copyright 100023205 2009

8.8.20 SSP W8AM - Meadow Lane, St Ives (recycling facilities)



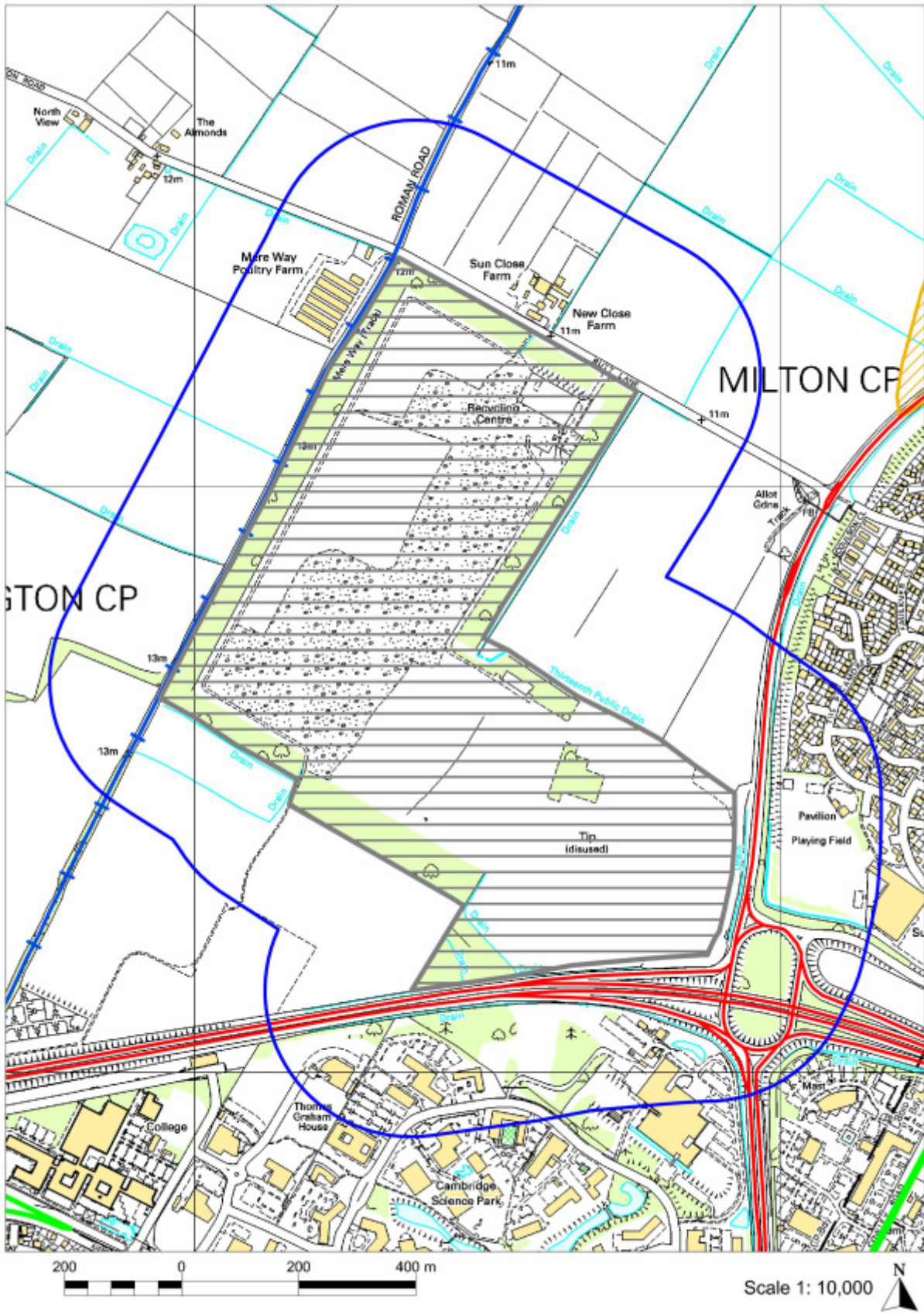
Map Inset No: 153 © Crown Copyright 100023205 2009

8.8.21 SSP W8AO - Meldreth (landfill)



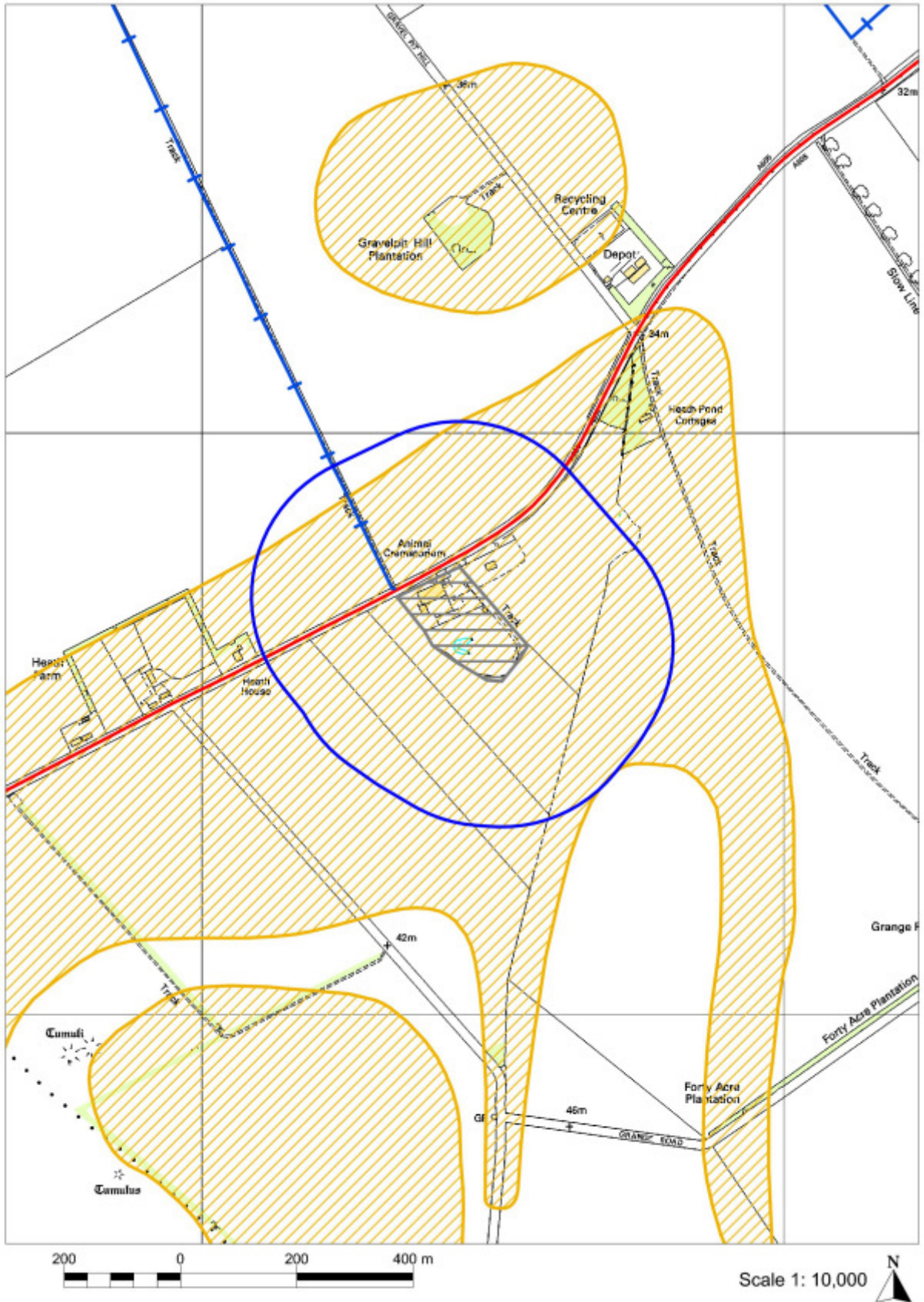
Map Inset No: 154 © Crown Copyright 100023205 2009

8.8.22 SSP W8AP - Milton (landfill)



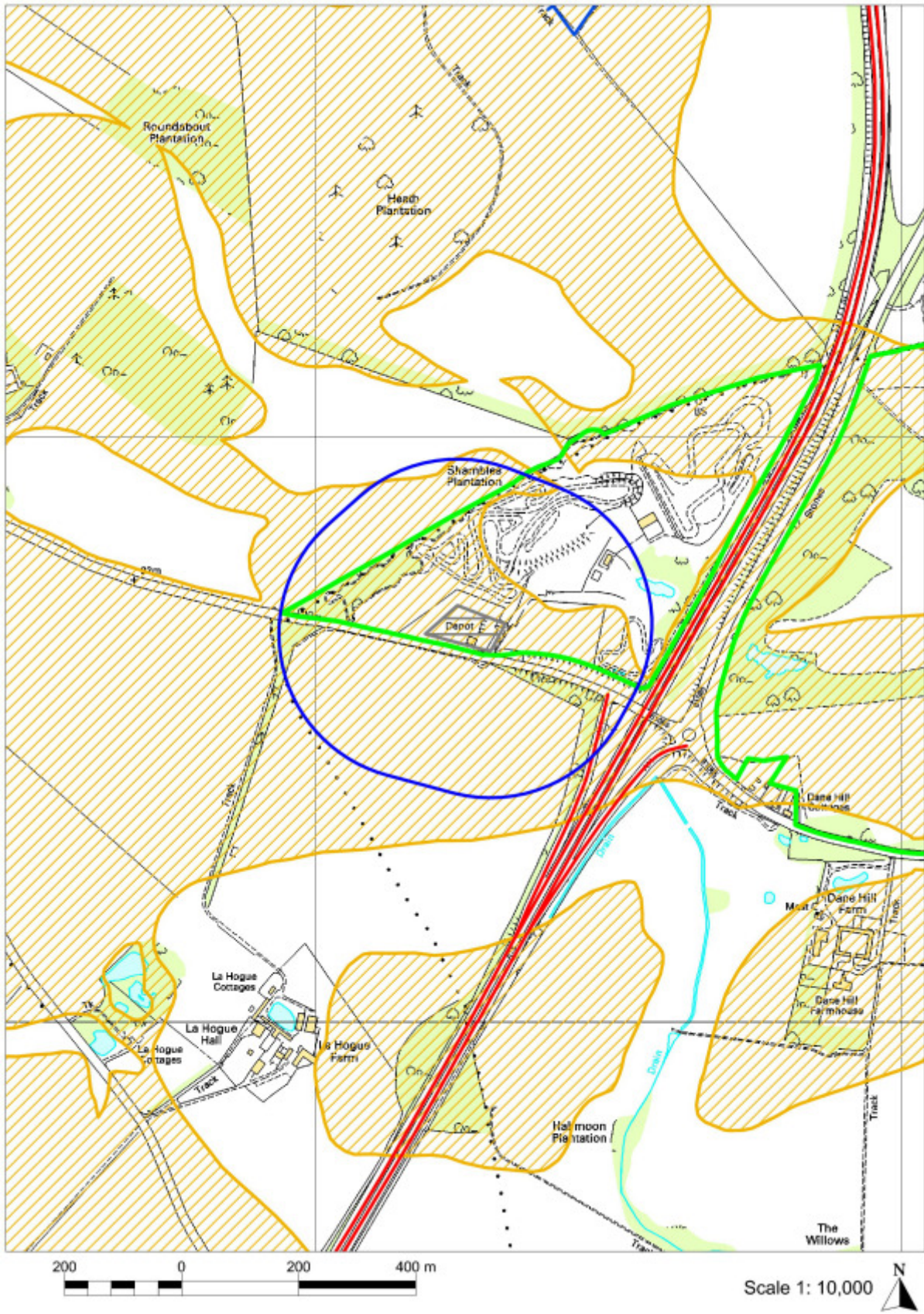
Map Inset No: 155 © Crown Copyright 100023205 2009

8.8.23 SSP W8AT - Pet Crematorium, A505, Thriplow (WTS, incinerator and autoclave)



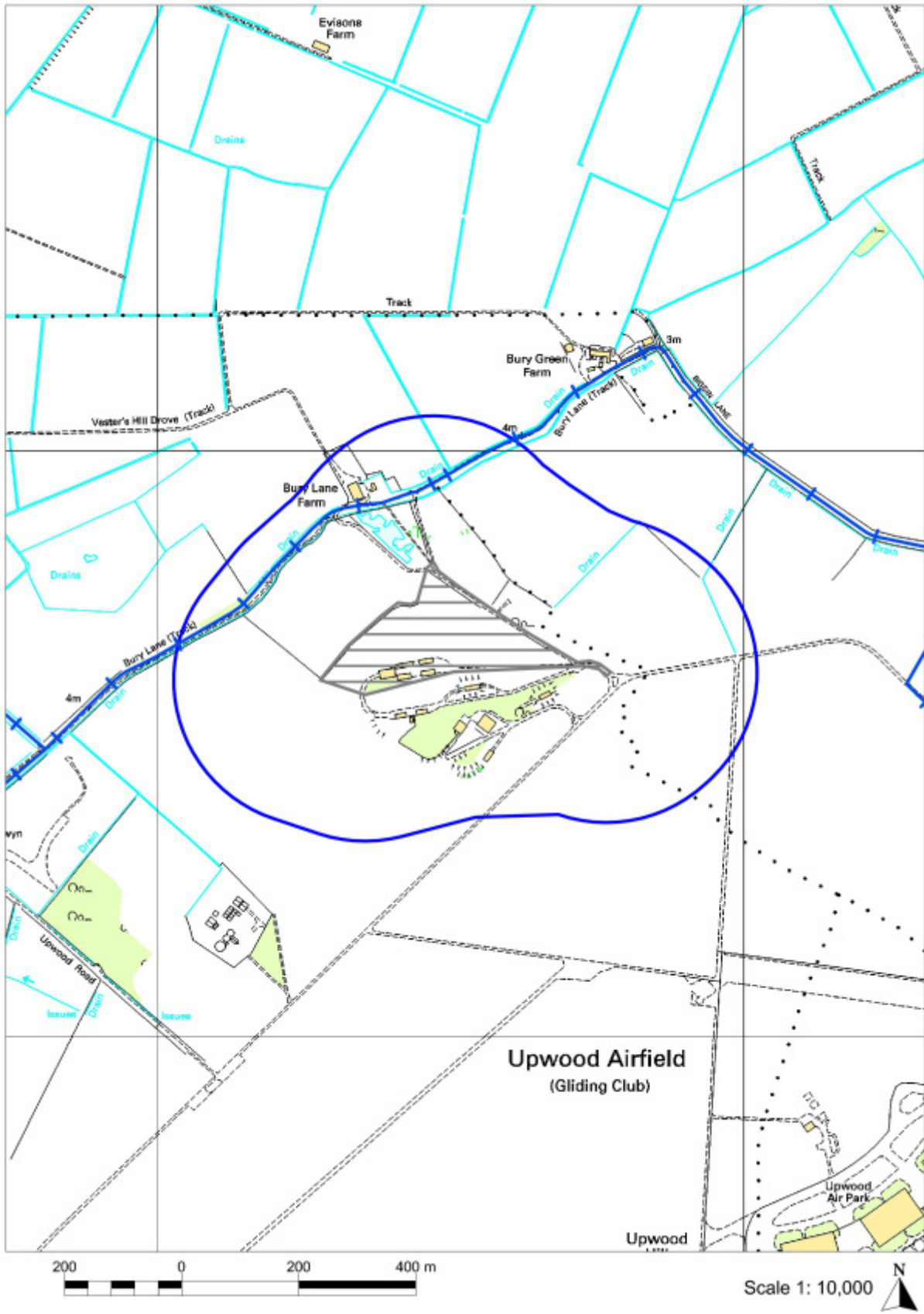
Map Inset No: 156 © Crown Copyright 100023205 2009

8.8.24 SSP W8AU - Plantation Farm, Kennet (D Haird) (inert recycling)



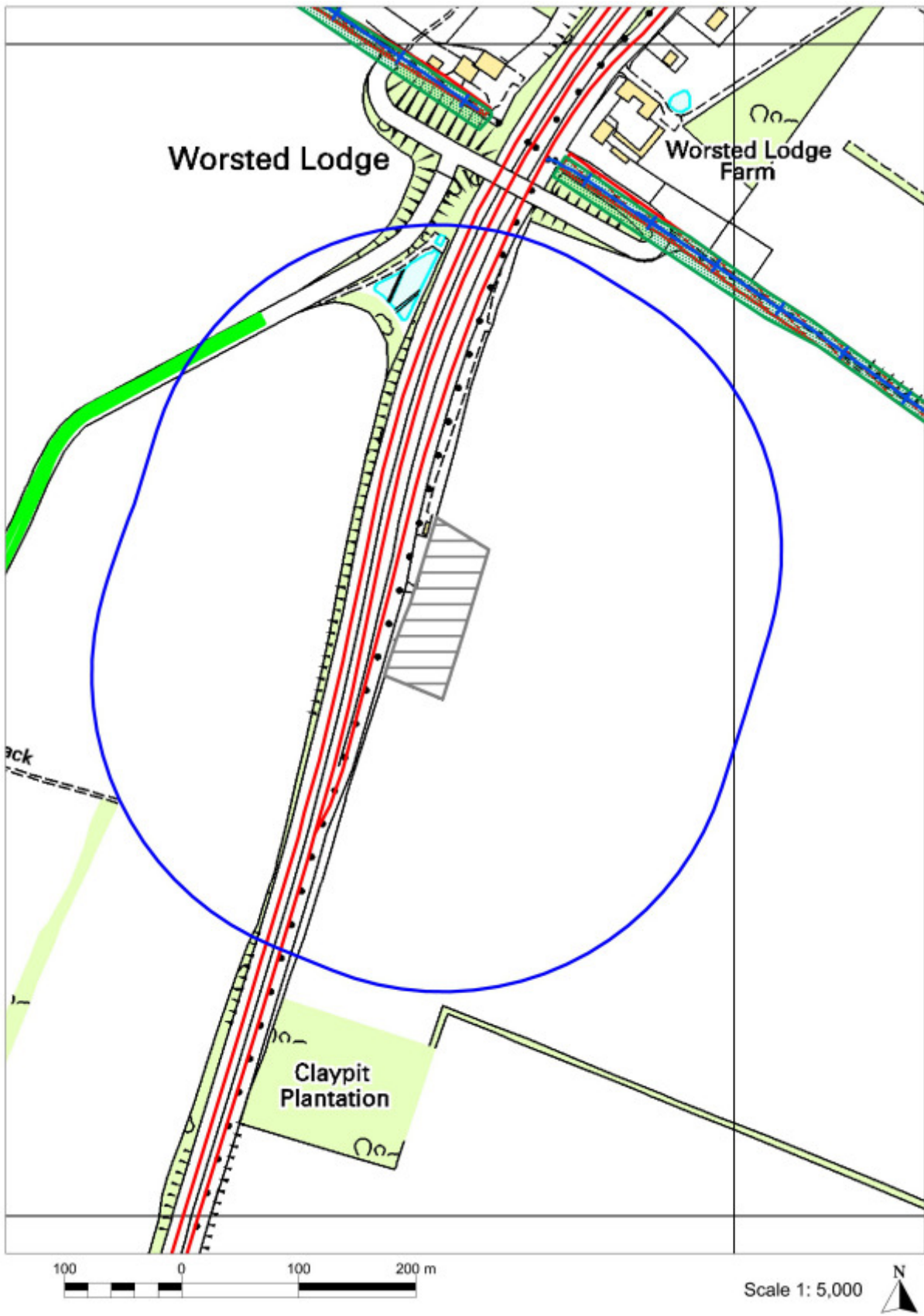
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8.8.25 SSP W8AW - Ramsey (composting)



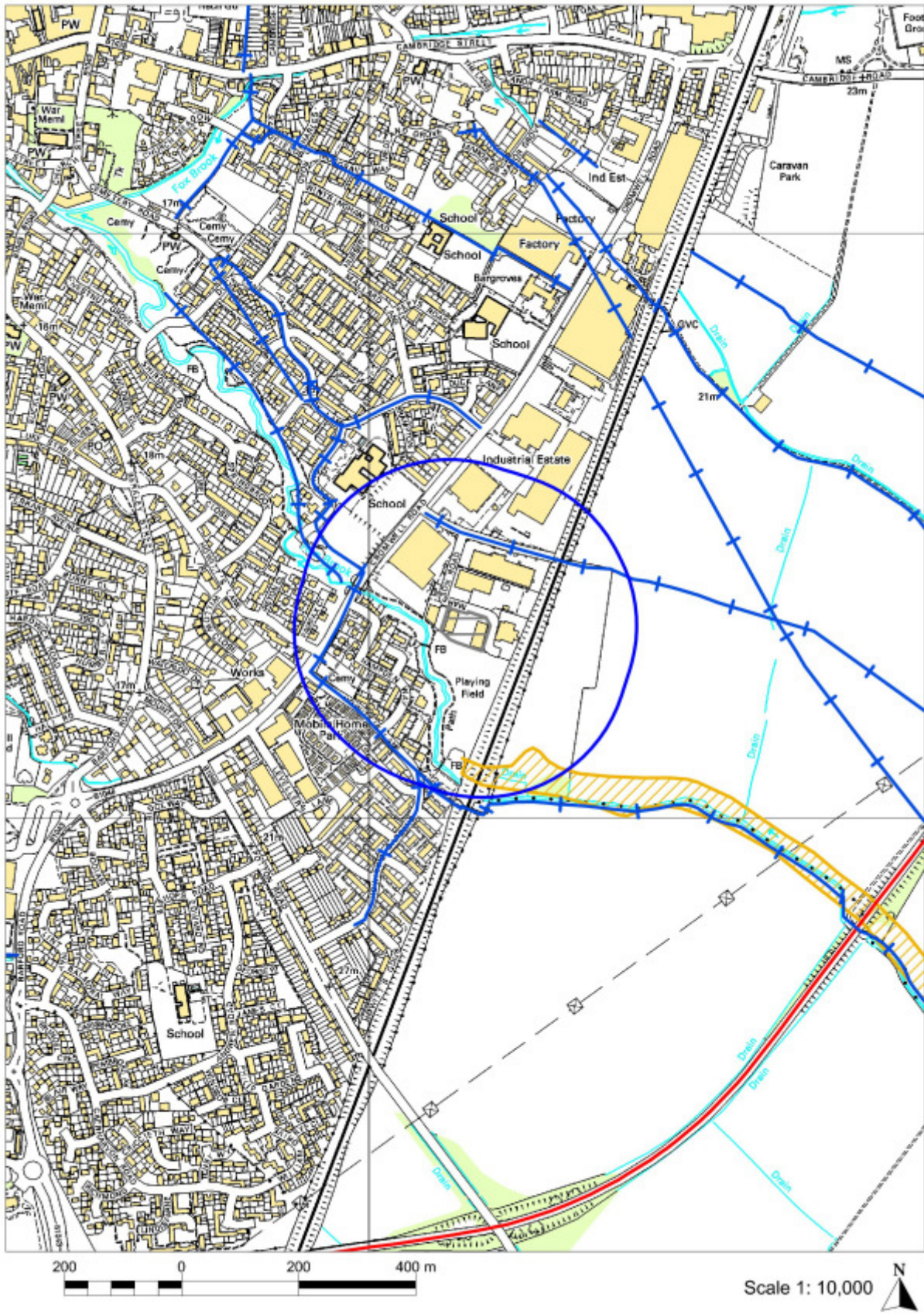
Map Inset No: 158 © Crown Copyright 100023205 2009

8.8.26 SSP W8AZ - South of Worsted Lodge A11 Pampisford



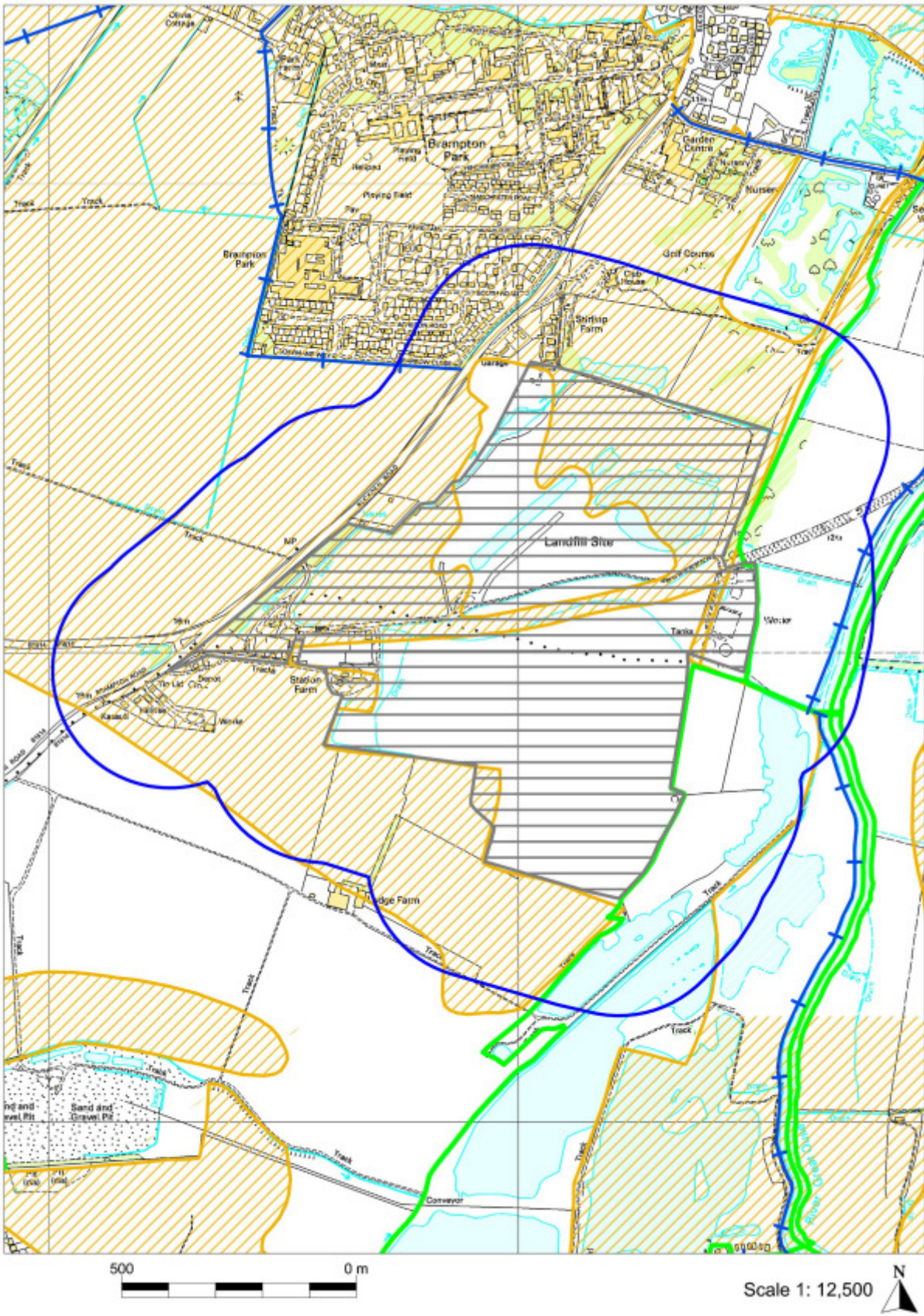
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8.8.27 SSP W8BA - St Neots (WTS)



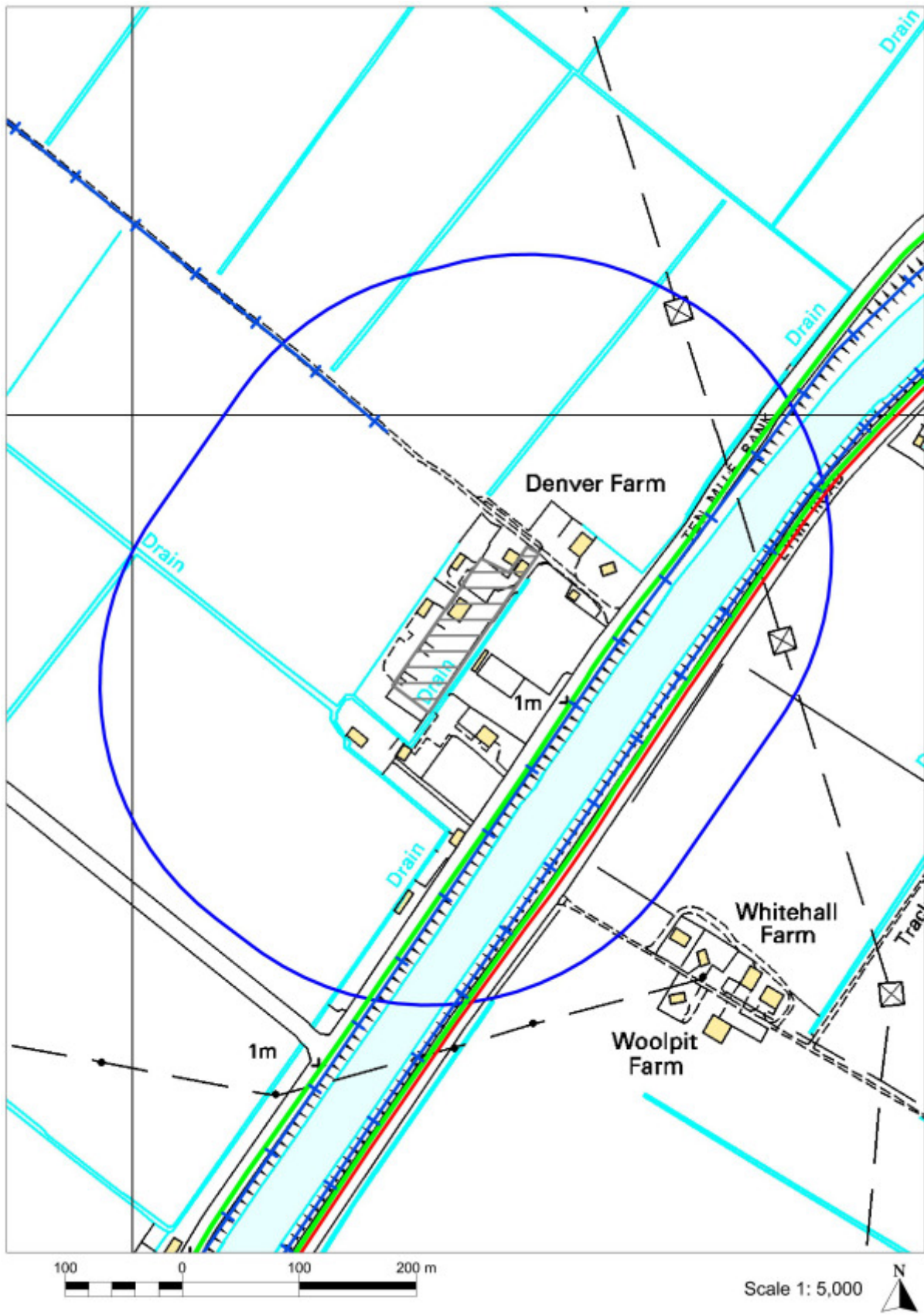
Map Inset No: 160 © Crown Copyright 100023205 2009

8.8.28 SSP W8BC - Station Farm, Buckden (landfill)



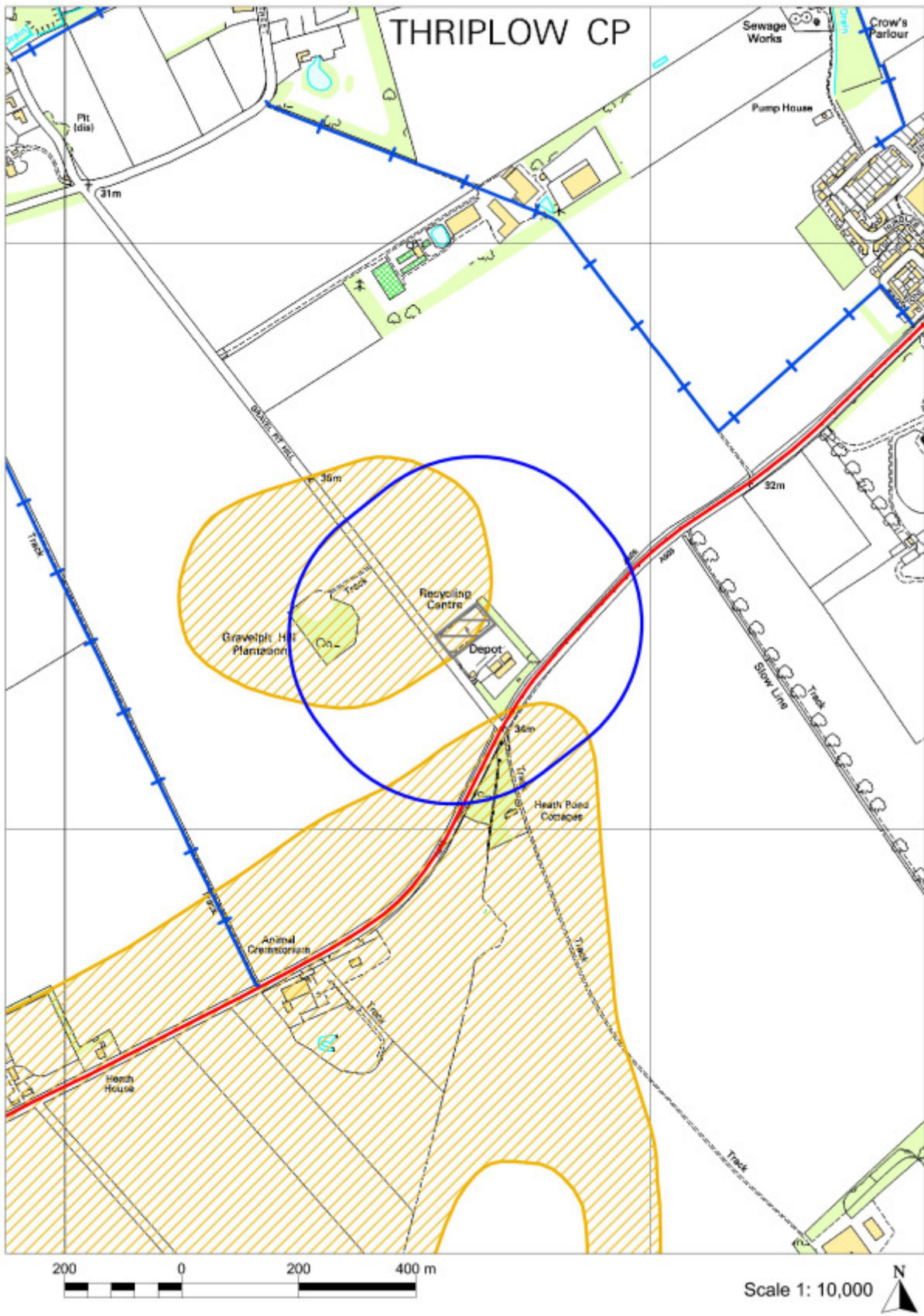
Map Inset No: 161 © Crown Copyright 100023205 2009

8.8.29 SSP W8BE - Ten Mile Bank, Littleport (WTS)



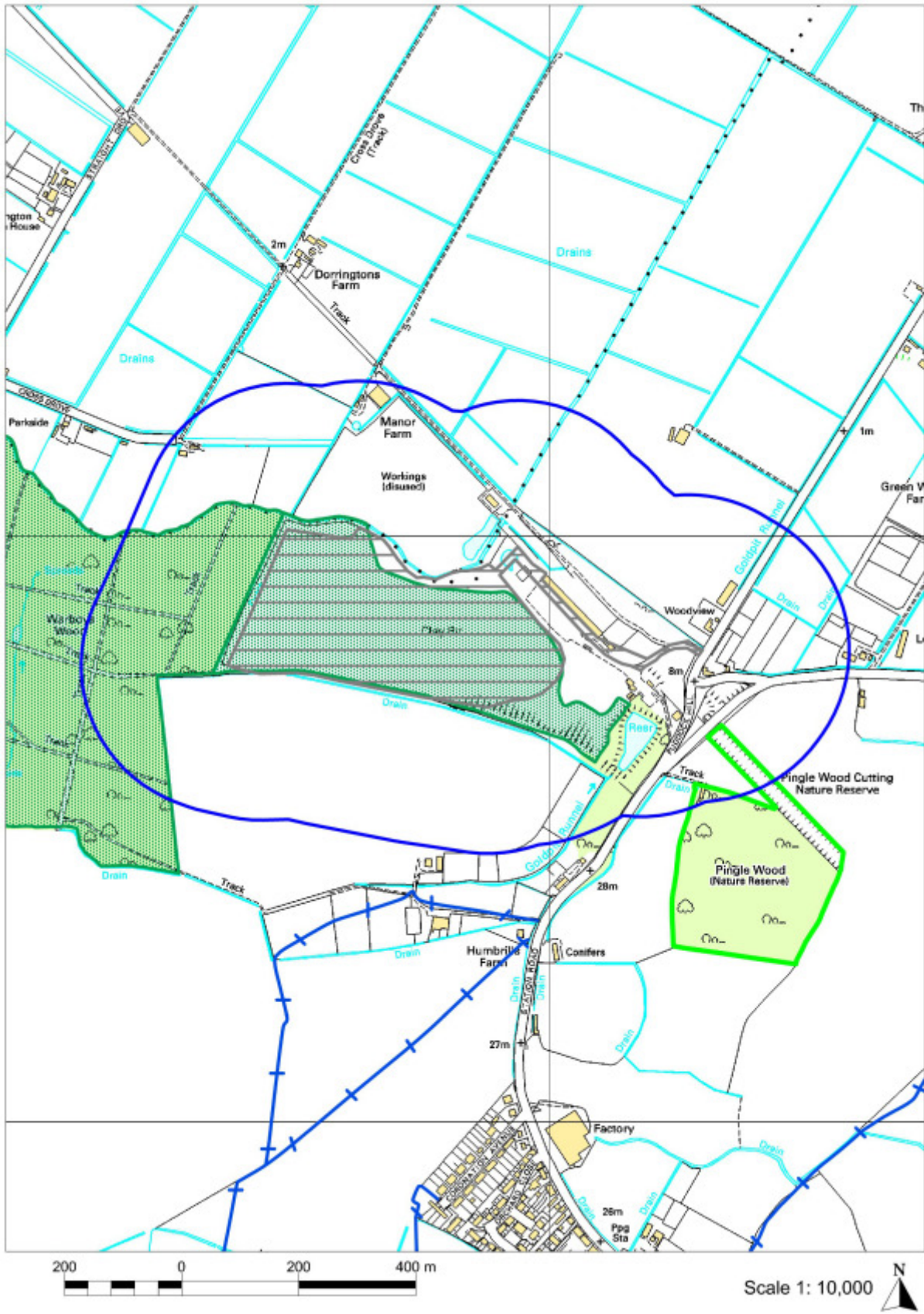
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8.8.30 SSP W8BK - Thriplow HWRC



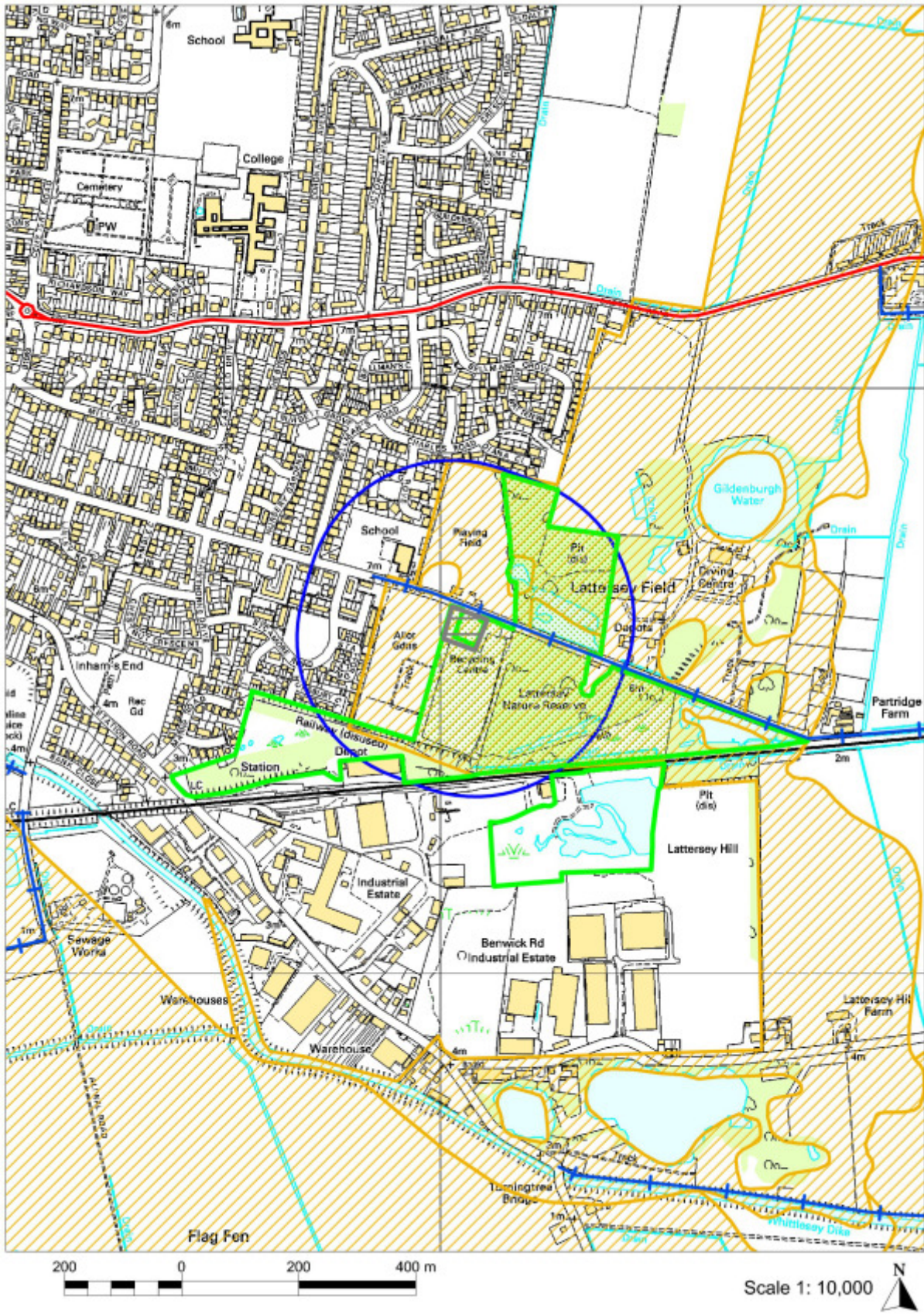
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8.8.31 SSP W8BL - Warboys (landfill)



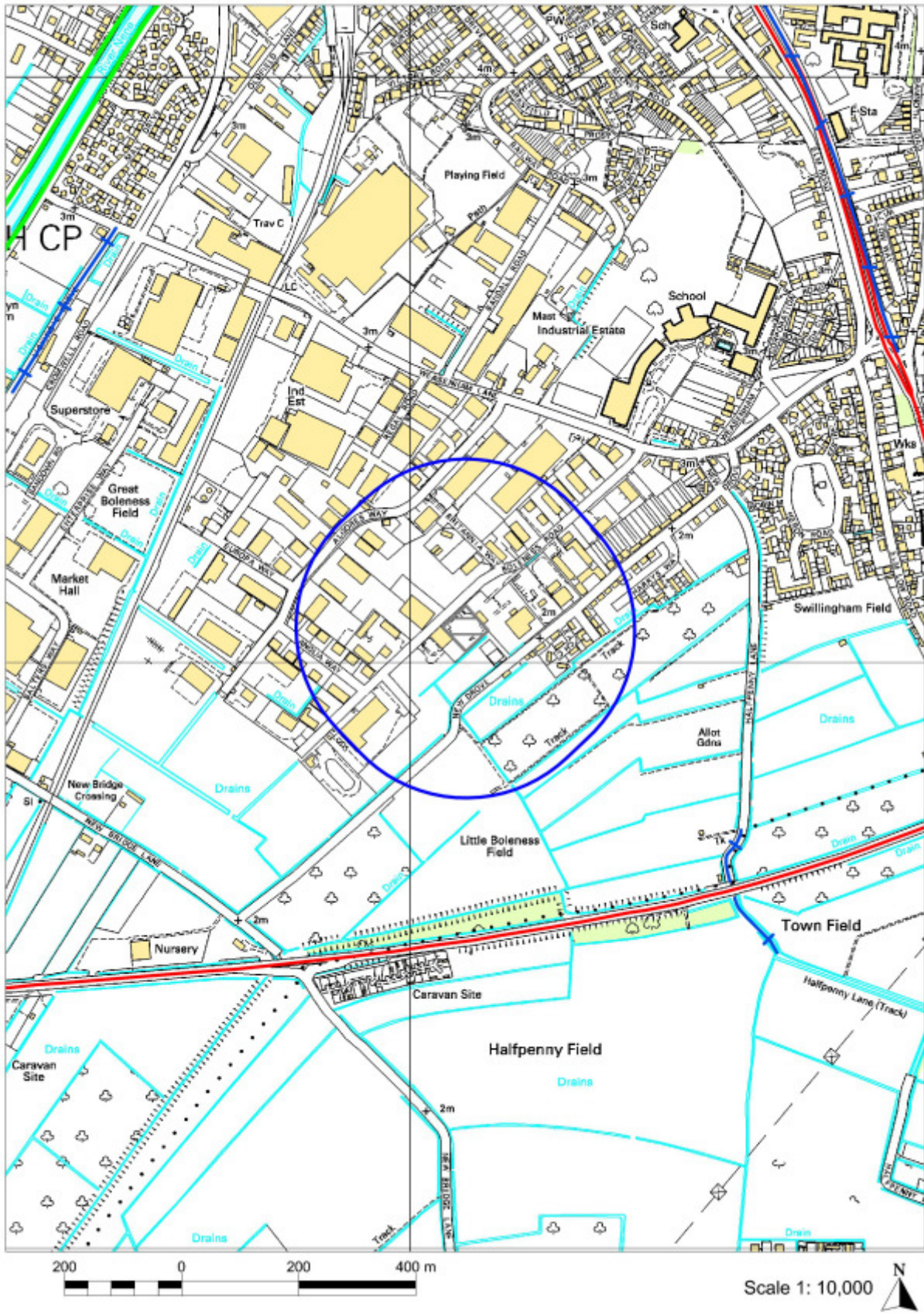
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8.8.32 SSP W8BP - Whittlesey HWRC



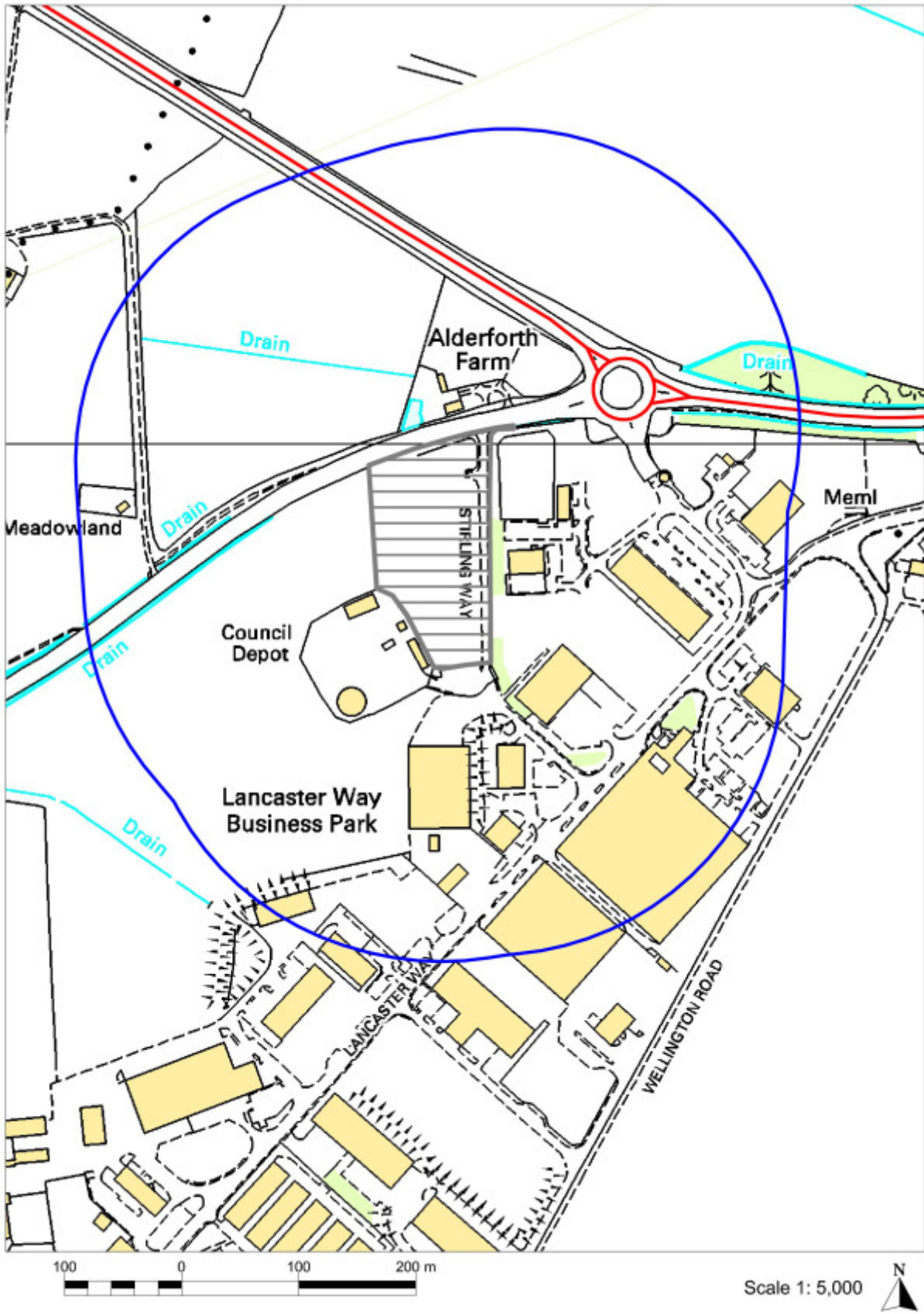
Map Inset No: 165 © Crown Copyright 100023205 2009

8.8.33 SSP W8BQ - Wisbech HWRC



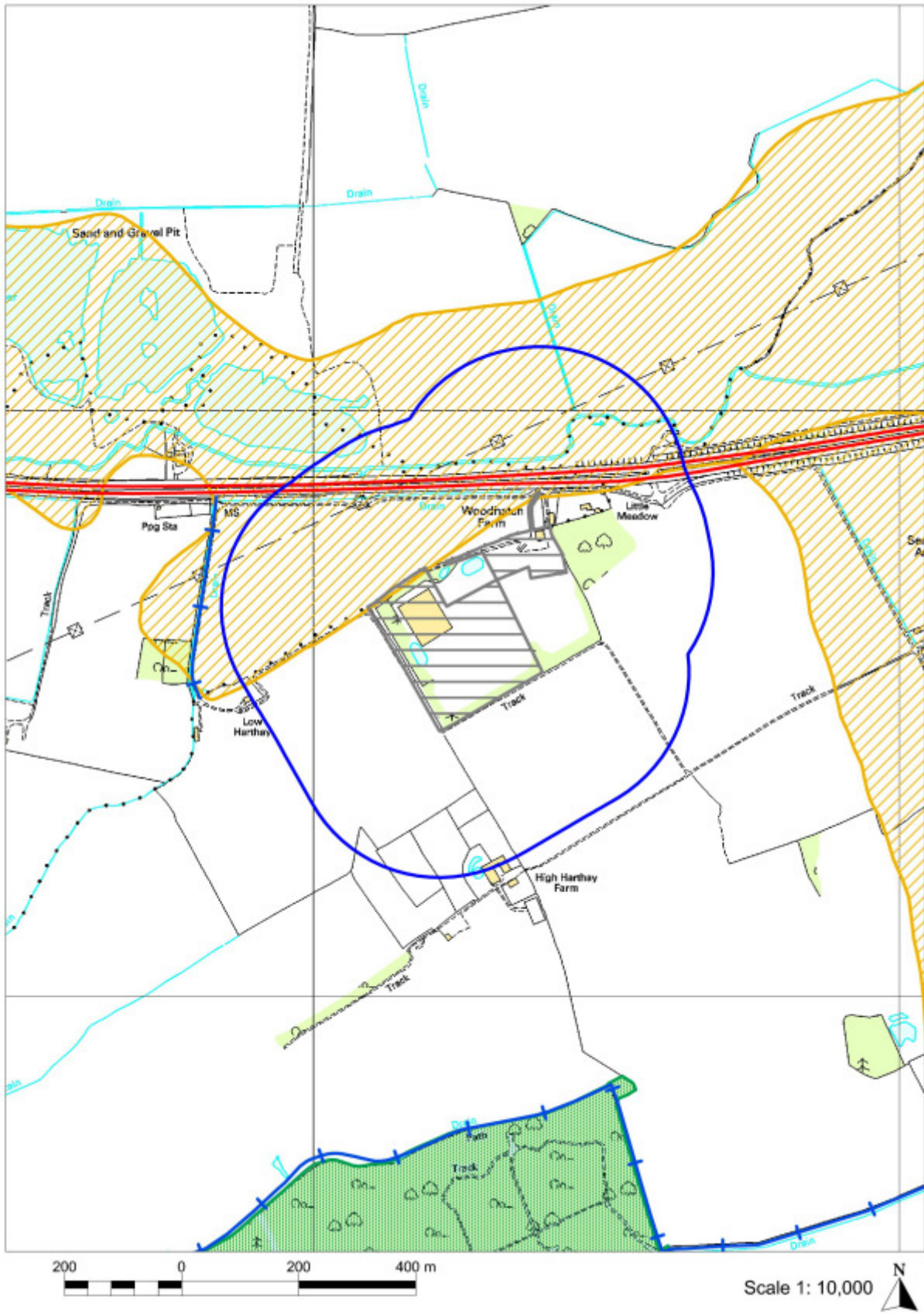
Map Inset No: 166 © Crown Copyright 100023205 2009

8.8.34 SSP W8BR - Witchford Road, Witchford



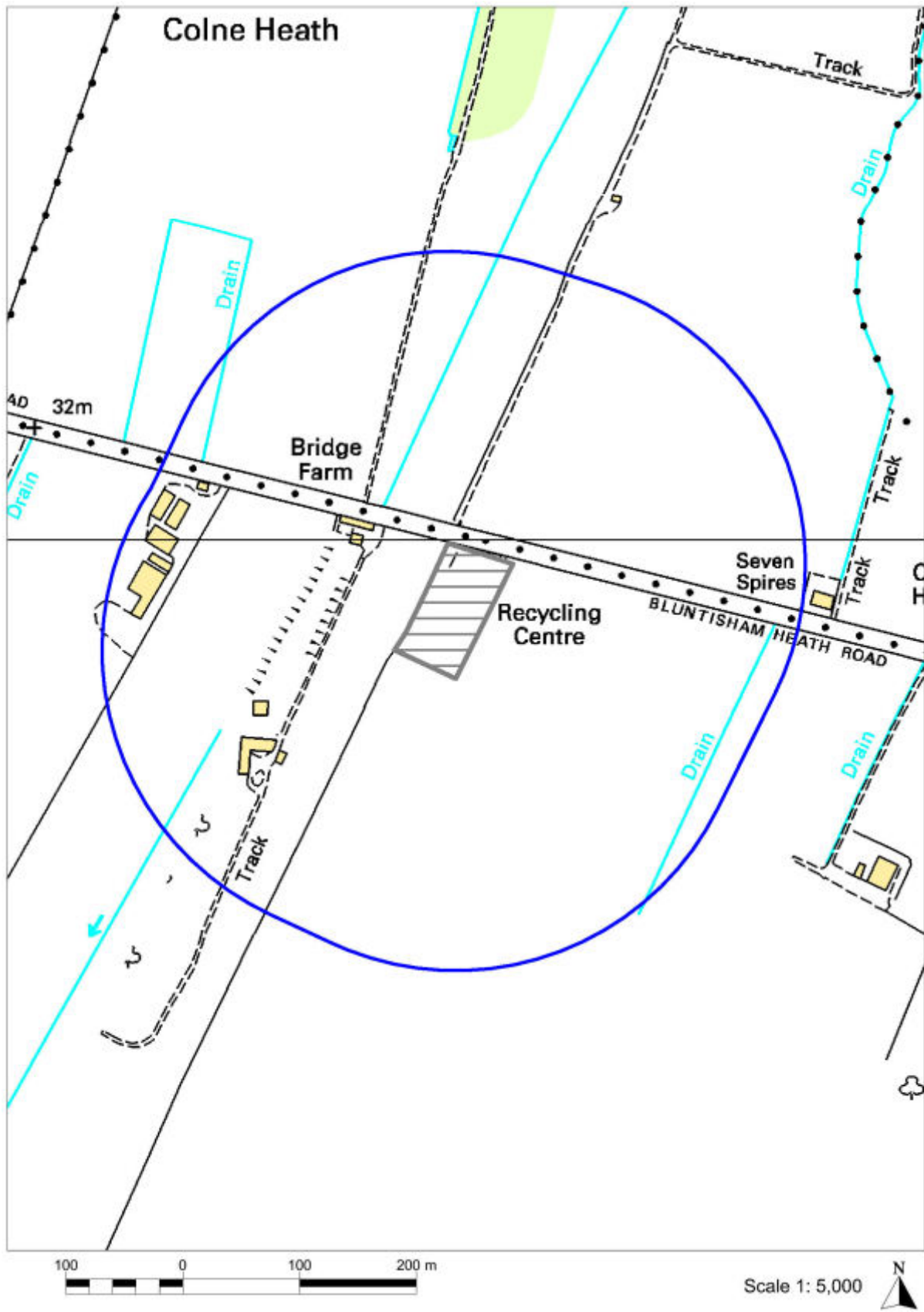
Map Inset No: 167 © Crown Copyright 100023205 2009

8.8.35 SSP W8BS - Woodhatch Farm, Brampton (composting)



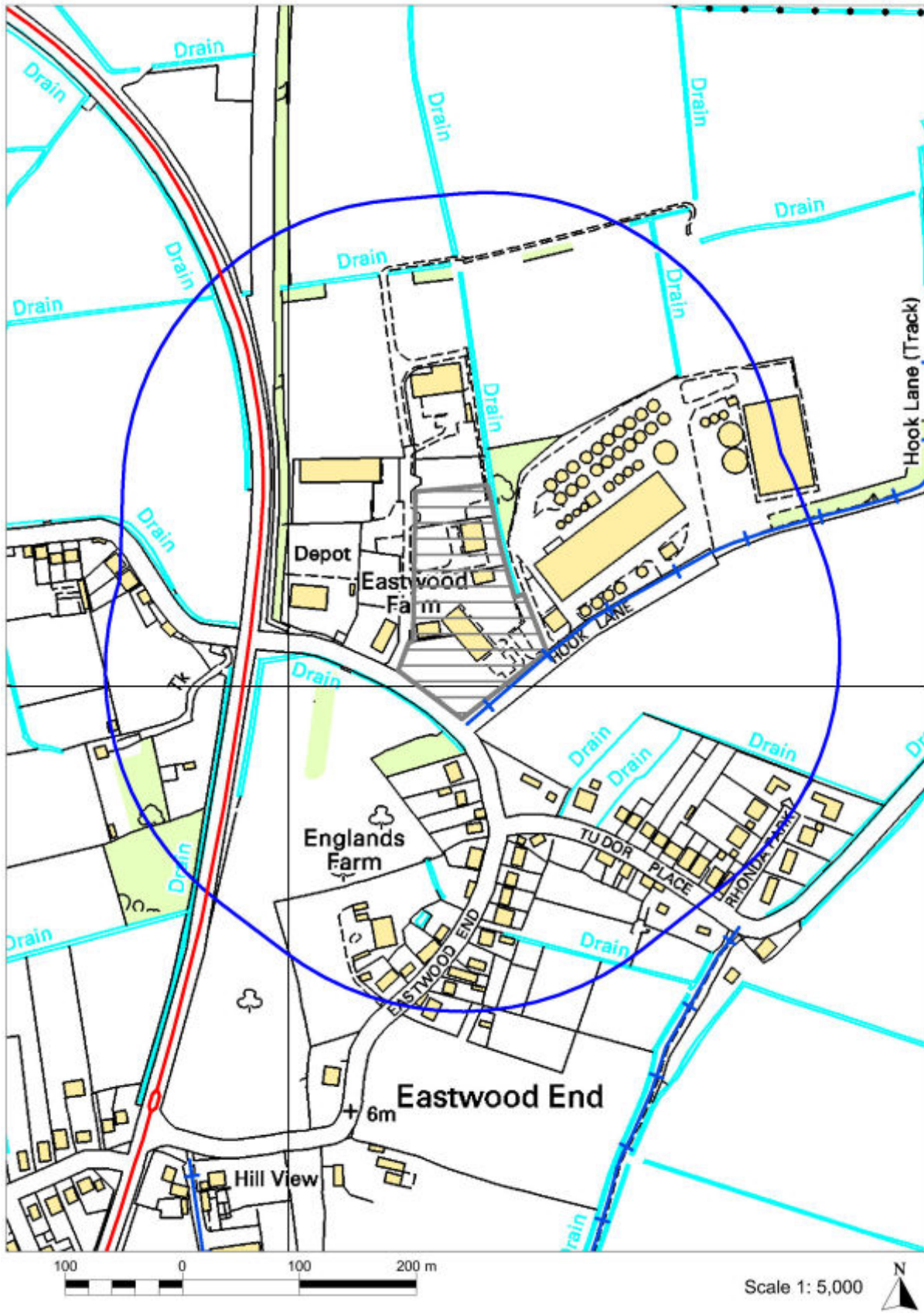
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8.8.36 SSP W8BV Bluntisham Recycling Centre



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8.8.37 SSP W8BW Hook Lane, Wimblington



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9 Transport Protection Zones

LEGEND








Allocations and Safeguarding / Protection Areas

	Site Allocation		Waste Water Treatment Works Safeguarding Area
	Existing Waste Water Treatment Works		Transport Protection Zone
	Sustainable Transport Facility		

Mineral Safeguarding Areas

	Brickclay Safeguarding Areas		Limestone Safeguarding Areas
	Chalk Safeguarding Areas		Sand & Gravel Safeguarding Areas

Additional Features

	European Designations (Special Protection Areas, Special Areas of Conservation & Ramsars)		Rights of Way
	National Designations (Sites of Special Scientific Interest)		Major Roads
	Local Designations (County & City Wildlife Sites & Local Nature Reserves)		Area Beyond Plan Boundary
			Scheduled Ancient Monuments

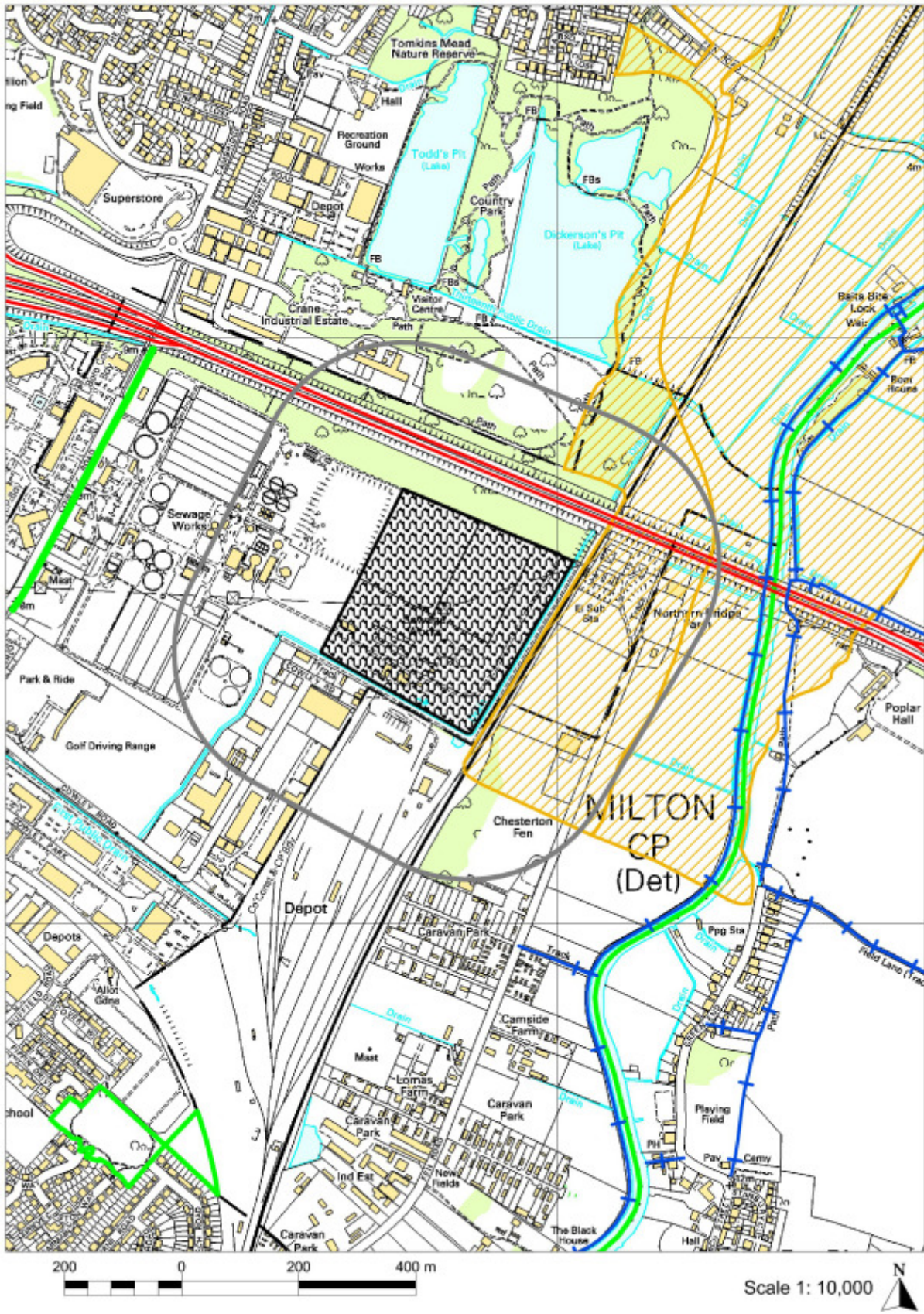
9.1 Transport Protection Zones

Sustainable Transport Zone Allocation

9.1 The following site is allocated as a Sustainable Transport Zone. A Map and site profile follows.

SSP T1	Site Name	Proposals Map Inset No.
A	North of Chesterton Sidings, Cambridge	171

9.1.1 SSP T1 - North of Chesterton Sidings (SSP T2E)



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Summary

Site Name	Land North of Chesterton Sidings
Description of Use	Aggregate rail freight terminal and ancillary development
Area	9.95 (ha)
Approximate Timescale	Estimated post 2014
District	Cambridge
Parish	Non Parished
Grid Ref	TL 478 615

Site Characteristics

- The site is located within Central Cambridge, 400 metres from River Cam, 490 metres from Milton Road Hedgerow and 850 metres from Bramblefields County Wildlife Site
- The site lies immediately adjacent to an existing rail terminal
- Within airfield safeguarding zone for Cambridge Airport

Implementation Issues

- 9.2** Detailed assessment of development impacts and mitigation techniques will be required as part of any development proposal through the planning process.
- 9.3** However, the following will need to be addressed within a planning application:
- Development of this site could be undertaken without compromising the existing or future expansion of the Cambridge Waste Water Treatment Works (WWTW).
 - Development would be subject to measures protecting amenity of local communities for odour, noise (including HCV) and dust
 - Transport Assessment required and proposals addressing HCV routing to the site
 - In addition to minerals the rail line could be used to transport waste - increasing the capacity of the site.

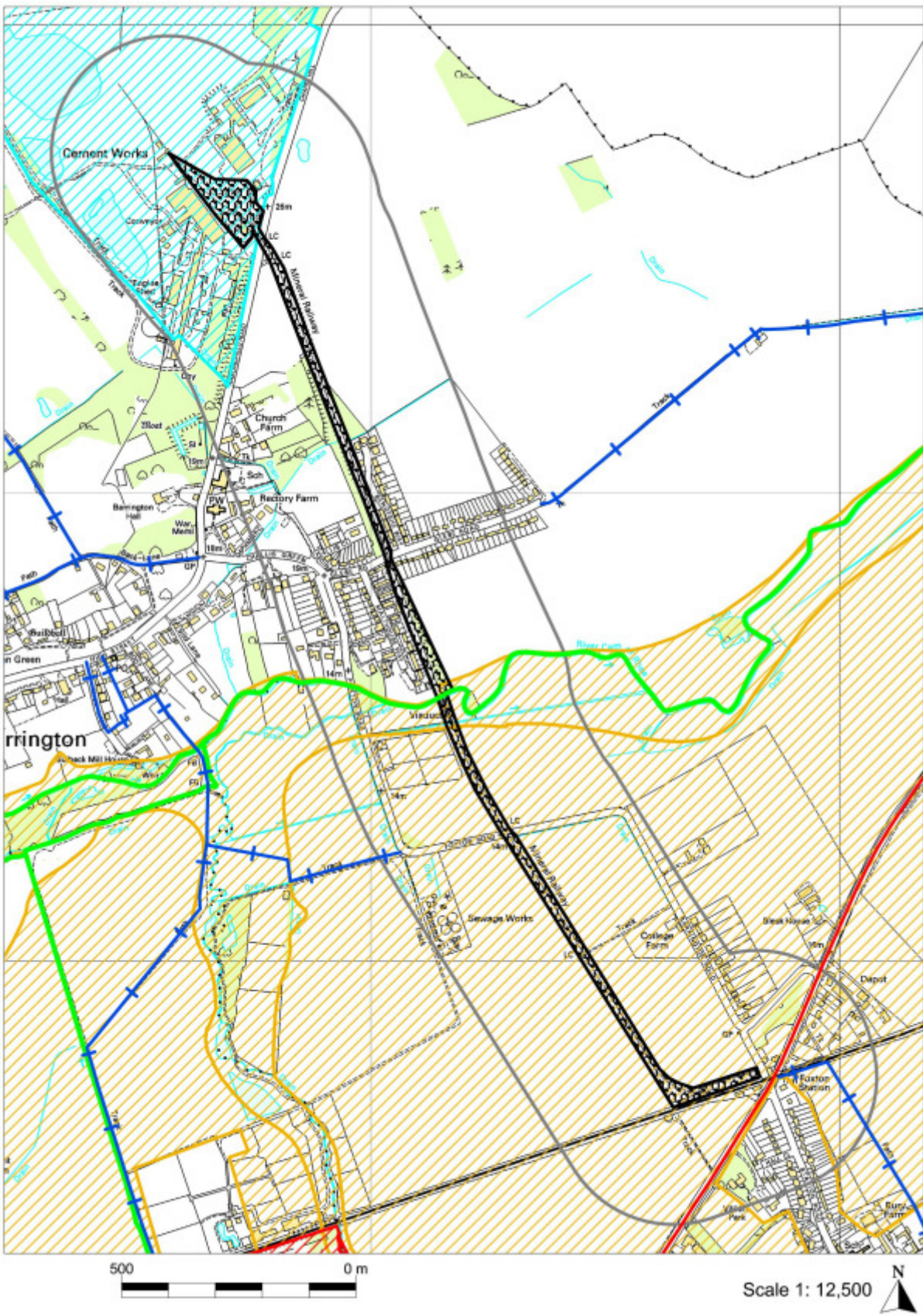
9.2 Transport Protection Zones Safeguarding Areas

Transport Protection Zones

SSP T2	Site Name	Proposals Map Inset No.
	All site specific allocations tabled in policies SSP W1 to SSP W6 are protected by a WCA.	41 - 85
	Plus	
A	Barrington Cement Works Railhead	172
B	Bourges Boulevard Rail Sidings, Peterborough	173
C	Cambridge Northern Fringe (Aggregates Railhead)	174
D	European Metal Recycling, Snailwell	175
F	Queen Adelaide Railhead, Ely	176
G	Whitemoor, March	177
H	Wisbech Port	178

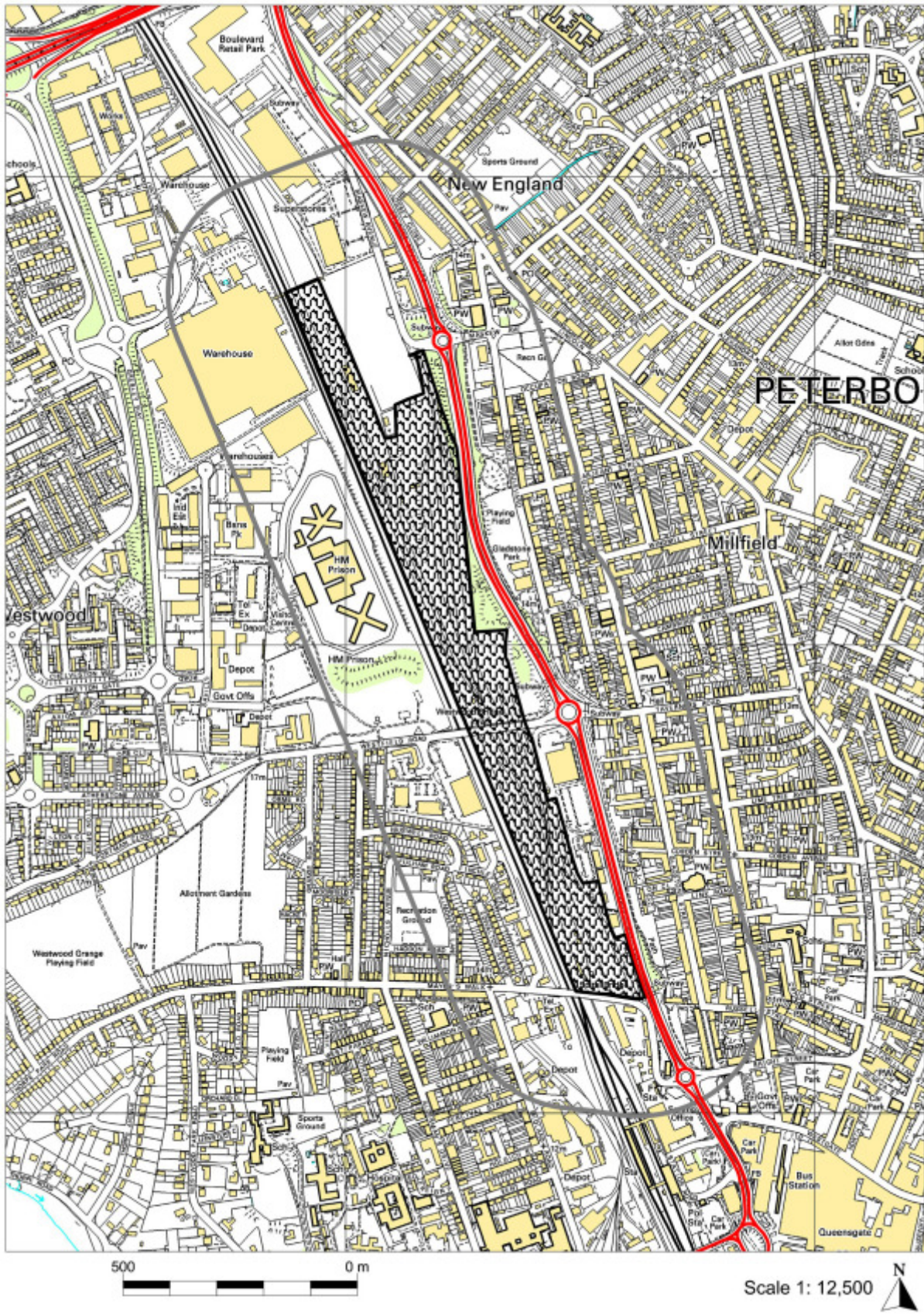
9.4 A site map follows for each site.

9.2.1 SSP T2A - Barrington Cement Works Railhead



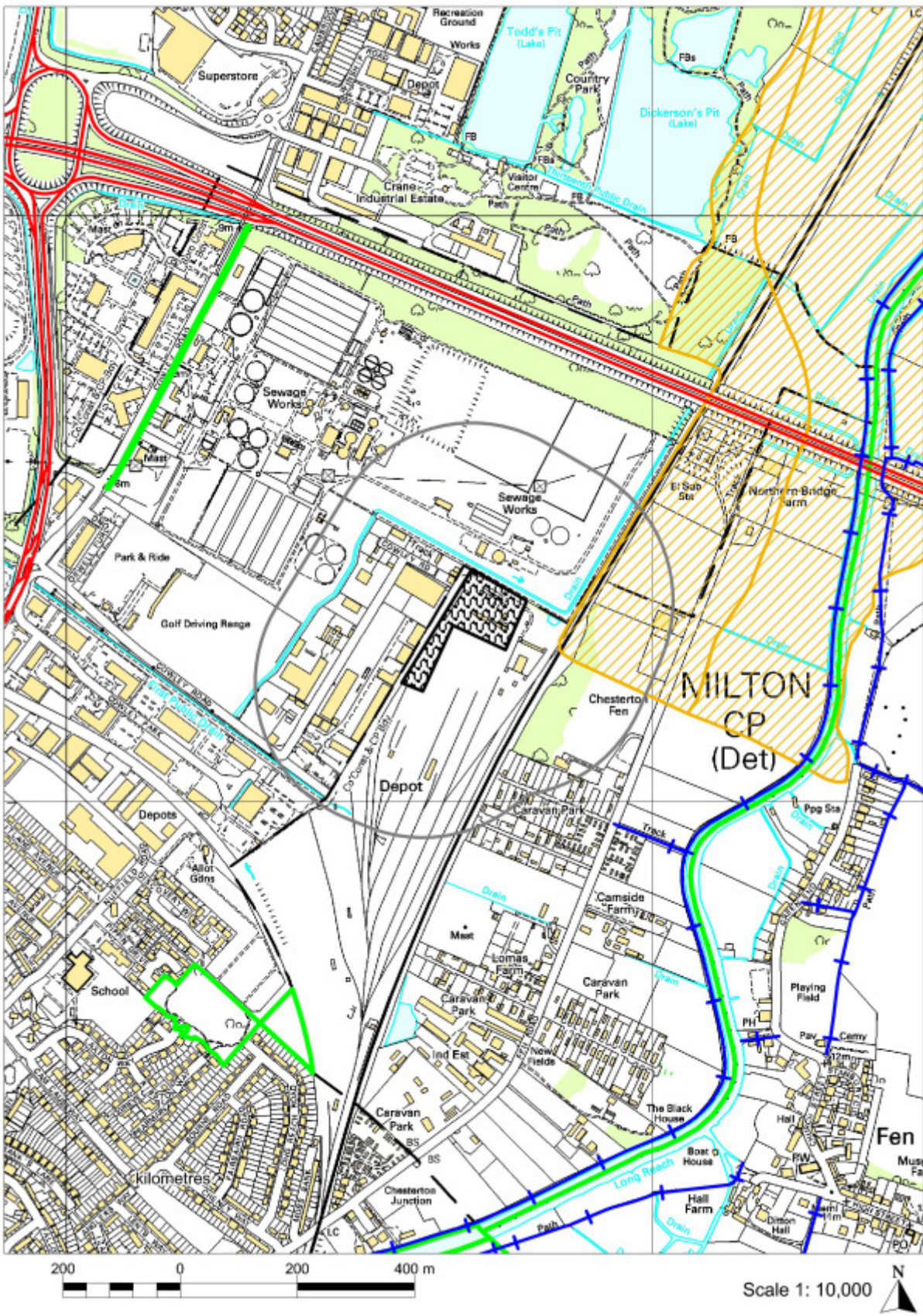
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9.2.2 SSP T2B - Bourges Boulevard Rail Sidings, Peterborough



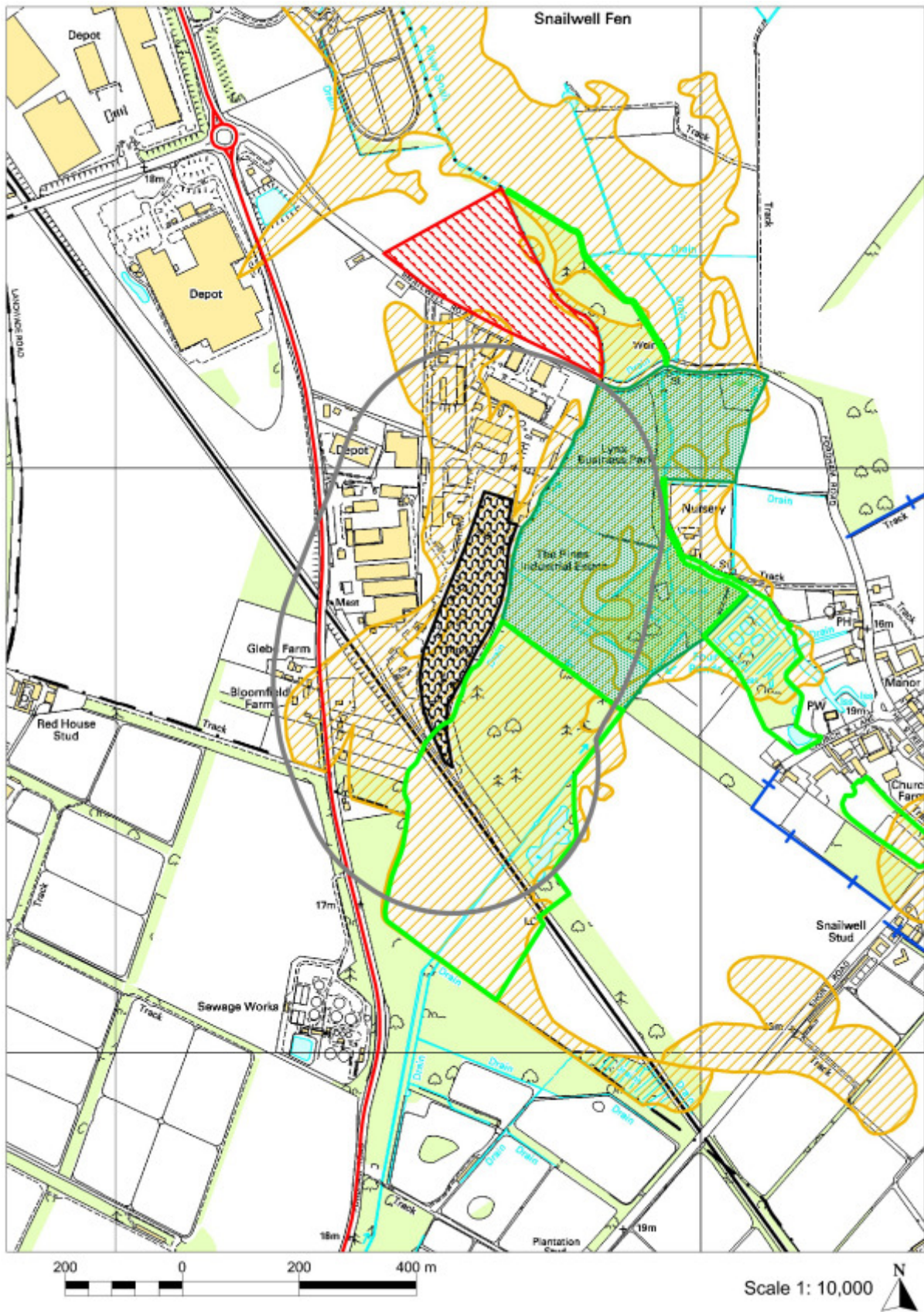
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9.2.3 SSP T2C - Cambridge Northern Fringe (Aggregates Railhead)



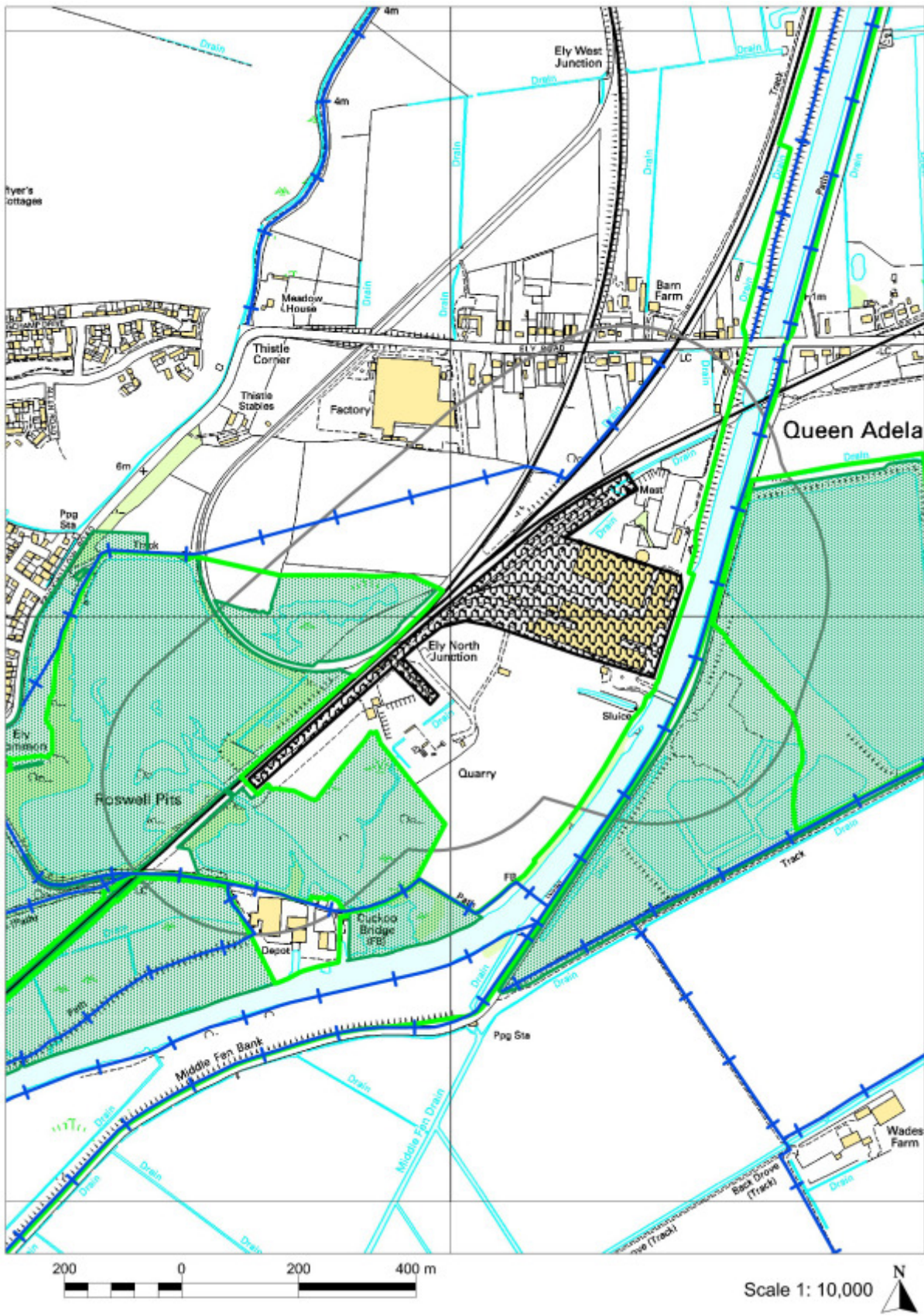
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9.2.4 SSP T2D - European Metal Recycling, Snailwell



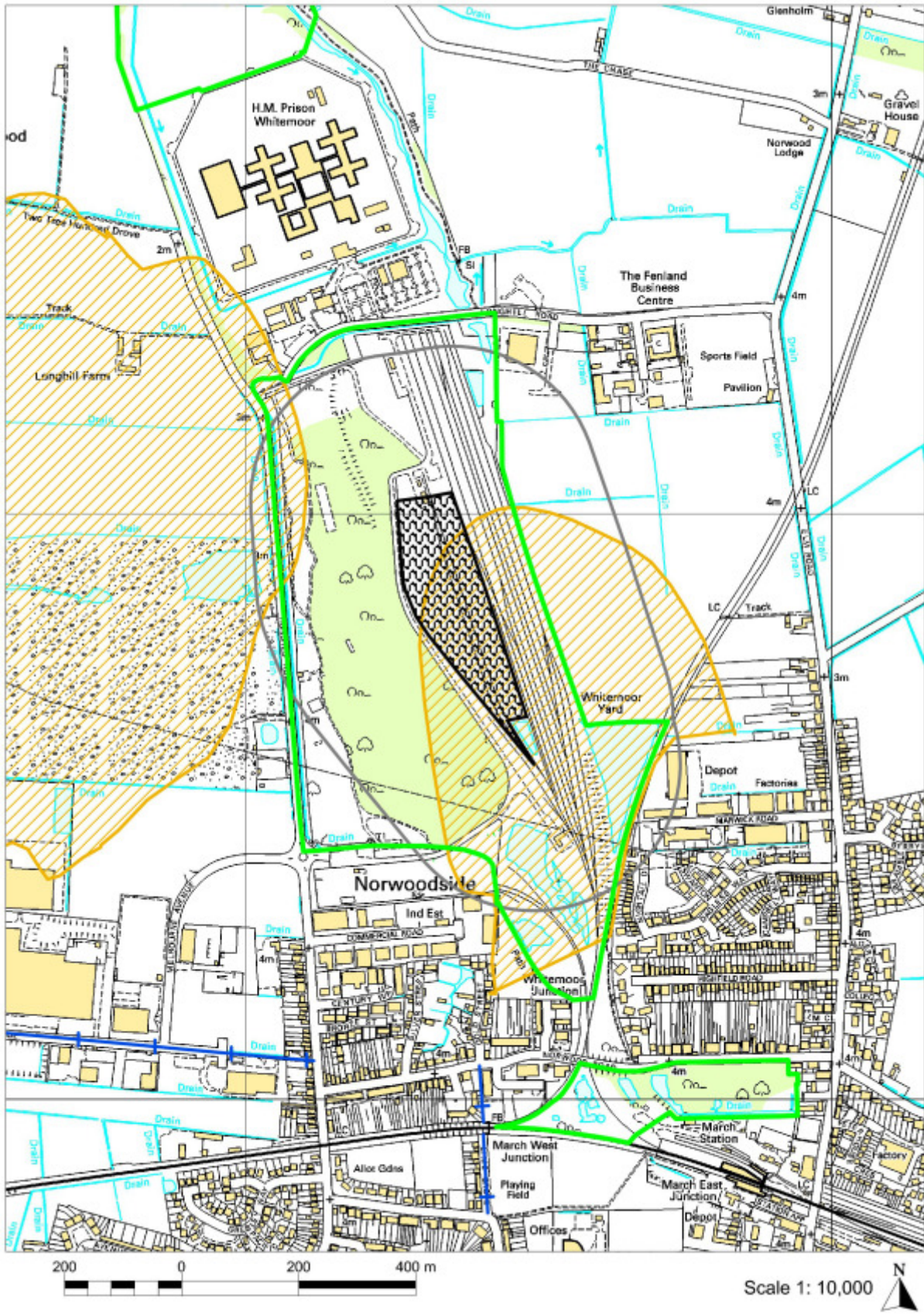
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9.2.5 SSP T2F - Queen Adelaide Railhead, Ely



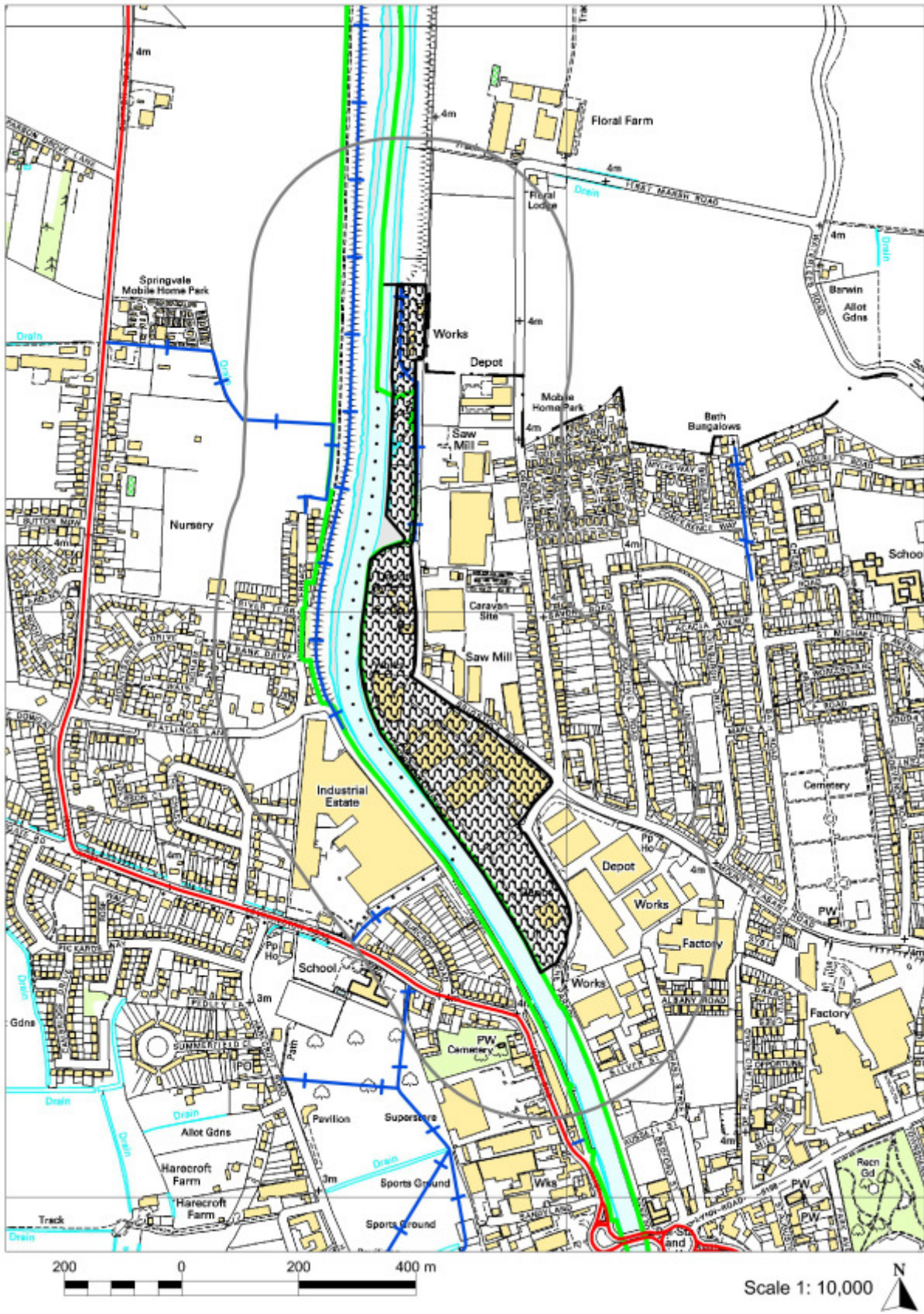
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9.2.6 SSP T2G - Whitemoor, March



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9.2.7 SSP T2H - Wisbech Port



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Appendix A Mineral Safeguarding Areas

Please note that Mineral Safeguarding Areas are addressed in the Cambridgeshire and Peterborough Minerals and Waste Plan Core Strategy.

Appendix D of the Core Strategy '**Mineral Safeguarding Maps and Methodology**' sets out the detailed boundaries of the Safeguarding Areas and is published as a separate document.

Appendix B Replacement of Saved Local Plan Policies

The following schedule sets out the policies in the Minerals and Waste Development Plan Documents which are intended to supersede the existing saved Minerals and Waste Local Plan policies.

Cambridgeshire Aggregates (minerals) Local Plan 1991 - Policy Reference	Equivalent policy or policies in the Minerals and Waste LDF
CALP 1 Additional Reserves for the Plan Period	Policy not saved
CALP 2 Landbanks	Policy not saved
CALP 3 Preferred Areas for Future Working	<p>Policy CS4 The Scale and Location of Future Mineral Extraction - Sand Gravel</p> <p>Policy CS5 Block Fen / Langwood Fen, Earith / Mepal</p> <p>Policy CS6 Scale and Location of Future Limestone Extraction</p> <p>Policy SSP M 1 Site Specific Sand and Gravel Allocations</p> <p>Policy SSP M 3 Limestone Extraction</p>
CALP 4 Preferred Areas for Future Working	Policy CS13 Future Mineral Extraction Outside Allocated Areas
CALP 5 Planning Considerations	<p>Policy CS22 Climate Change</p> <p>Policy CS23 Sustainable Transport of Mineral and Waste</p> <p>Policy CS24 Design of Sustainable Minerals and Waste Management Facilities</p> <p>Policy CS27 Restoration and Aftercare of Mineral Workings</p> <p>Policy CS32 - Traffic and Highways</p> <p>Policy CS33 - Protection of Landscape Character</p> <p>Policy CS34 - Protecting Surrounding Uses</p> <p>Policy CS35 - Biodiversity</p> <p>Policy CS36 - Archaeology and the Historic Environment</p> <p>Policy CS37 - Public Rights of Way</p> <p>Policy CS38 - Sustainable Use of Soils</p> <p>Policy CS39 - Water Resources and Pollution Prevention</p> <p>Policy CS40 - Airport Safeguarding</p> <p>Policy CS41 - Ancillary Development</p> <p>Policy CS42 - Agricultural Reservoirs, Potable Water Reservoirs and Incidental Mineral Extraction</p>

CALP 6 Establishment and control of workings	n/a not an appropriate policy to be retained
CALP 7 Agriculture	Policy not saved
CALP 8 Nature Conservation	Policy not saved
CALP 9 Archaeology	Policy CS36 Archaeology and the Historic Environment
CALP 10 Landscape	Policy CS33 Protection of Landscape Character
CALP 11 Trees and Woodland	Policy CS35 Biodiversity
CALP 12 Planning Conditions	Planning Conditions and Obligations Section in Chapter 11 of the Core Strategy
CALP 13 Legal Agreements	Policy not saved
CALP 14 Transportation	Policy CS23 Sustainable Transport of Minerals and Waste Policy S32 Traffic and Highways
CALP 15 Transportation and Excavated Material	Policy CS23 Sustainable Transport of Minerals and Waste Policy CS32 Traffic and Highways
CALP 16 Transportation - Rights of Way	Policy CS37 Public Rights of Way
CALP 17 Restoration and Aftercare	Policy CS27 Restoration and Aftercare of Mineral Workings
CALP18 Restoration and Aftercare	Policy CS27 Restoration and Aftercare of Mineral Workings
CALP 19 Restoration and Aftercare	Policy CS20 Inert Landfill Policy CS21 Non-Hazardous landfill Policies CS32 to CS46 (Development Control Policies)
CALP 20 Aftercare	Policy CS27 Restoration and Aftercare of Mineral Workings
CALP 21 Aftercare	Policy CS27 Restoration and Aftercare of Mineral Workings
CALP 22 Borrow Pits	Policy CS11 Sand and Gravel Borrowpits
CALP 23 Marine Dredged Aggregates	Policy CS23 Sustainable Transport of Minerals and Waste
CALP 24 Associated Industrial Development	Policy CS232 Traffic Highways Policy CS41 Ancillary Development
CALP 25 Review for Mineral Sites	Superseded by National Planning Policy
CALP 26 Former Mineral Workings	Policy CS4 The Location of Future Mineral Extraction - Sand and Gravel Policy CS13 Future Minerals Extraction Outside Allocated Areas Policy SSP M 1 Site Specific for sand and gravel allocations
CALP 27 Resource Conservation	Policy CS25 Mineral Safeguarding Areas Policy CS26 Mineral Consultation Areas Policy SSP M 9 Mineral Consultation Areas

Policy SSP M 10 Minerals Safeguarding Areas	
CALP 28 Ironstone	Policy not saved
Cambridgeshire & Peterborough Waste Local Plan 2003 – Policy Reference	Equivalent policy or policies in the Minerals and Waste LDF
WLP Sustainable Waste Management	Policy CS2 Strategic Vision and Objectives for Sustainable Waste Development
WLP 2 Resource Recovery	Policy CS28 Waste Minimisation, Re-use, and Resource Recovery
WLP 3 The Need for Waste Development and the Movement of Waste	Policy CS29 The Need for Waste Management Development and the Movement of Waste
WLP 4 Traffic/Highway Matters	Policy CS23 Sustainable Transport of Minerals and Waste Policy CS32 Traffic and Highway
WLP 5 Transport of Waste – Proximity Principle	Policy CS2 Strategic Vision and Objectives for Sustainable Waste Development
WLP 6 Transport of Waste – Water, Rail and Pipeline	Policy CS23 Sustainable Transport of Minerals and Waste
WLP 7 Protection of Landscape Character	Policy CS33 Protection of Landscape Character
WLP 8 Green Belt	No policy being taken forward, reliance placed on advice in Government Planning Policy Statements / Guidance Notes
WLP 9 Protecting Surrounding Uses	Policy CS43 Protecting Surrounding Uses
WLP 10 Nature Conservation	Policy not saved
WLP 11 Protected Species	Policy CS35 Biodiversity
WLP 12 Archaeology and the Historic Environment	Policy CS36 Archaeology and the Historic Environment
WLP 13 Rights of Way	Policy CS34 Public Rights of Way
WLP 14 Agricultural Land	Policy CS37 Sustainable Use of Soils
WLP 15 Water Resources and Pollution Prevention	Policy CS39 Water Resources and Pollution Prevention
WLP 16 Land Drainage and Floodplain Protection	No policy being taken forward, reliance placed on advice in Government Planning Policy Statements / Guidance Notes
WLP 17 Airport Safeguarding	Policy CS40 Airport Safeguarding
WLP 18 Major Waste Management Facilities	Policy CS7 Recycled and Secondary Aggregates Policy CS20 Inert Landfill Policy SSP W 2 Inert Landfill

WLP 19 Safeguarding Management Sites	Waste	Policy CS30 Waste Consultation Areas
		Policy CS31 Waste Water Treatment Works Safeguarding Areas
		Policy SSP W 7 Waste Water Treatment Works Safeguarding Areas
		Policy SSP W 8 Waste Consultation Areas
WLP 20 Household Waste Recycling Centres		Policy CS16 Household Recycling Centres
		Policy SSP W 1 Waste Recycling and Recovery Facilities
WLP 21 Inert Waste Recycling		Policy CS7 Recycled and Secondary Aggregates
		Policy SSP W 1 Waste Recycling and Recovery Facilities
WLP 22 Waste Transfer Station		Policy CS18 Waste Management Proposals - Outside Allocated Areas - non landfill
WLP 23 Non-inert Materials Recovery Facilities		Policy CS18 Waste Management Proposals Outside Allocated Areas - non-landfill
		Policy SSP W 1 Waste Recycling and Recovery Facilities
WLP 24 Anaerobic Digestion Facilities		Policy CS18 Waste Management Proposals Outside Allocated Areas - non-landfill
		Policy SSP W 1 Waste Recycling and Recovery Facilities
WLP 25 Indoor Composting Facilities		Policy CS18 Waste Management Proposals Outside Allocated Areas - non-landfill
		Policy SSP W 1 Waste Recycling and Recovery Facilities
WLP 26 Outdoor Composting Facilities		Policy CS18 Waste Management Proposals - Outside Allocated Areas - non landfill
WLP 27 Energy from Waste		Policy CS18 Waste Management Proposals Outside Allocated Areas - non-landfill
		Policy SSP W 1 Waste Recycling and Recovery Facilities
WLP 28 Putrescible, Hazardous, and Inert Landfill		Policy CS20 Inert Landfill
		Policy CS21 Non-Hazardous Landfill
		Policy CS19 Location of Hazardous Waste Facilities - Resource Recovery and Landfill
		Policy SSP W 2 Inert Waste Landfill
		Policy SSP W 5 General Hazardous Waste Landfill

WLP 29 Landraising	Policy CS45 Landraising
WLP 30 Nuclear Waste	Policy CS43 Nuclear Waste
WLP 31 Hazardous Waste Facilities	Policy CS19 Location of Hazardous Waste Facilities - Resource Recovery and Landfill Policy SSP W 5 General Hazardous Waste Landfill
WLP 32 Clinical Waste Facilities	Policy CS19 Location of Hazardous Waste Facilities - Resource and Recovery and Landfill Policy CS18 Waste Management Proposals - Outside Allocated Areas - non landfill
WLP 33 Sewage and Sewage Sludge	Policy CS17 Waste Water Treatment Works Policy CS31 Waste Water Treatment Works Safeguarding Areas Policy SSP W 6 Waste Water Treatment Works Policy SSP W 7 Waste Water Treatment Works Safeguarding Areas
WLP 34 Ancillary Waste Development	Policy CS41 Ancillary Development Policy CS18 Waste Management Proposals - Outside Allocated Areas - non landfill
WLP 35 Metal Recycling Facilities	Policy CS18 Waste Management Proposals - Outside Allocated Areas - non landfill
WLP 36 Mining of Waste	Policy CS46 Mining of Landfill Waste

Appendix C Glossary

Aftercare – steps to be taken to bring land back to a required standard of after use following mineral extraction or/and waste disposal.

Afteruse- the ultimate land use to which former mineral or waste disposal sites are returned.

Aggregates- sand and gravel, crushed rock and other bulk materials used in the construction industry for purposes such as the making of concrete, mortar, asphalt or for roadstone, drainage or bulk filling.

Annual Monitoring Report (AMR) – a document produced by the local planning authority and submitted to Government by 31 December each year to report on progress in producing local development framework and implementing its policies.

Appropriate Assessment (AA) - a requirement of the European Habitats Directive. Its purpose is to assess the impacts of the plans and projects on internationally designated nature conservation sites.

Aquifer - Underground rock layers that hold groundwater, which are often an important source of water for public water supply, agriculture and industry.

Area Action Plan (AAP) – a particular type of Local Development Document which provides a planning framework for any area where significant change and/or conservation is needed.

Biodiversity Action Plan (BAP) - a strategy prepared for a local area aimed at conserving and enhancing biological diversity.

Borrow Pit - A temporary mineral working supplying material for use solely in a specific construction project, particularly roads. Borrow pits are typically located next to or near to the construction site, and in the ideal situation are soon backfilled with waste materials, such as soft clay, that often have to be removed from the construction area. Normally, large quantities of material, mainly bulk fill, are required over a short time.

Cambridgeshire and Peterborough Joint Waste Management Strategy – joint strategy to reduce the volume of household waste going to land fill in Peterborough and Cambridgeshire by increasing recycling and reuse.

Commercial Waste - waste from premises used for the purpose of trade or business, sport, recreation or entertainment.

Community Strategy – a document which plans for the future of Peterborough across a wide range of topics, setting out a vision and a series of aspirations. The local strategic partnership has responsibility for producing the document which sets out four main priorities that all partners work towards.

Compost - organic matter decomposed aerobically or anaerobically and used as a fertiliser or soil conditioner.

Core Strategy – a development plan document which sets out the long-term spatial vision for the local planning authority area and the strategic policies and proposals to deliver that vision.

Demolition Wastes - masonry and rubble wastes arising from the demolition or construction of buildings or other civil engineering structures. (This may also include a small fraction of non-inert waste e.g. timber).

Development Control Policies - set out a number of detailed planning policies that will be used by the Council's Planning Officers and Planning Committee in determining planning applications, in conjunction with the Core Policies set out in the Core Strategy.

Development Plan Document (DPD) – Development Plan Documents are prepared by local planning authorities and outline the key development goals of the local development framework. All DPDs must be subject to rigorous procedures of community involvement, consultation and independent examination, and adopted after receipt of the inspector's binding report. Once adopted, development control decisions must be made in accordance with them unless material considerations indicate otherwise.

Earith / Mepal Area Action Plan – Development Plan Document representing an area where there are interrelated minerals and waste issues, and other issues such as transport, flood protection, opportunities to make sustainable use of land and water resources together with a significant contribution to the achievement of bio-diversity targets through quarry restoration.

Energy from Waste facilities – facilities designed to burn waste under controlled conditions at high temperatures; heat is received from the processes to generate electricity or heat water as part of wider utilizations schemes

Environmental Impact Assessment (EIA) - the process of examining the environmental consequences of development projects in advance of decision-making environment.

Environmental Statement (ES) - a document to be prepared following an Environmental Assessment which provides a systematic and objective account of the significant environmental effects to which the proposed project is likely to give rise.

Flood Risk Assessment (FRA) - an assessment of the risk of flooding to the development being proposed and its possible effects on flood risks elsewhere in terms of its effects on flood flows, flood storage capacity and run-off.

Hazardous Wastes – Hazardous waste is essentially waste that contains hazardous properties that may render it harmful to human health or the Environment. The European Commission has issued a Directive on the controlled management of such waste (91/689/EEC) and hazardous waste is defined on the basis of a list, the European Waste Catalogue, drawn up under that Directive.

Household Waste - waste from a domestic property, caravan, residential home or from premises forming part of a university or school or other educational establishment.

Household Recycling Centres (HRCs) - place provided by the Waste Disposal Authority where members of the public can deliver household wastes for disposal. Recycling facilities may also be provided at these sites. (Also known as Civic Amenity Sites).

In Vessel Composting Facilities – involves the composting process inside a vessel where conditions are optimised for the breakdown of materials.

Incineration - the burning of waste at high temperatures. This results in a reduction bulk and may involve energy reclamation.

Industrial Waste - wastes from any factory, transportation apparatus, from scientific research, dredging, sewage and scrap metal.

Inert Waste - waste that does not significantly decompose or rot.

Inert Waste Recycling Facilities – facilities recycling material that does not significantly decompose or rot.

Landbank - a stock of planning permissions for the winning and working of minerals.

Landfill - the final disposal of solid waste onto and into land in such a way that pollution or harm to the environment is prevented and, through restoration, to restore land will may be used for another purpose.

Land Raising – raising land level by importing inert waste material.

LSCP – London, Stansted, Cambridge & Peterborough growth area.

Local Development Framework (LDF) – the term used to describe a folder of documents, which includes all the local planning authority's local development documents. An LDF is comprises of Development Plan Documents (which form part of the statutory development plan), Supplementary Planning Documents, Statement of Community Involvement, the Local Development Scheme, the Annual Monitoring Report and any Local Development Orders or Simplified Planning Zones that may have been added.

Local Development Documents (LDDs) - these include Development Plan Documents (which form part of the statutory development plan) and Supplementary Planning Documents (which do not form part of the statutory development plan). LDDs collectively deliver the spatial planning strategy for the local planning authority's area.

Local Development Scheme (LDS) – the local planning authority's time-scaled programme for the preparation of Local Development Documents that must be agreed with government and reviewed every year.

Local / National Nature Reserve – site of Local or National nature conservation value.

Local Plan - An old-style development plan prepared by district and other local planning authorities. These plans will continue to operate for a time after the commencement of the new development plan system, by virtue of specific transitional provisions.

Minerals and Waste Development Plan (MWDP) – is the overall name for a suite of documents relating to Minerals and Waste in Cambridgeshire and Peterborough.

Mineral Planning Guidance/Statement (MPG/MPS) – guidance from central government to local authorities relating to minerals planning.

Mineral Planning Authority (MPA) - the local planning authority responsible for planning control over mineral working and other minerals related development.

Mineral Safeguarding Areas (MSA) - identifying and safeguarding mineral resources of potential economic importance.

Mixed Waste Stream Recycling Facilities – facility recycling different types of waste.

Municipal Solid Waste (MSW) -wastes which are collected by local authorities. Principally comprising wastes collected from households and household recycling sites but also include street sweepings and local authority collected commercial and industrial waste.

Planning and Compulsory Purchase Act 2004 - updates elements of the 1990 Town & Country Planning Act. The Planning and Compulsory Purchase Act 2004 introduces a statutory system for regional planning, a new system for local planning, reforms to the development control and compulsory purchase and compensation systems and the removal of crown immunity from planning controls.

Planning permission - formal consent given by the local planning authority to develop and use land.

Planning Policy Guidance (PPG) - documents issued by Central Government setting out its national land use policies for England on different areas of planning. These are gradually being replaced by Planning Policy Statements.

Planning Policy Statements (PPS) – documents issued by Central Government to replace the existing Planning Policy Guidance notes in order to provide greater clarity and to remove from national policy advice on practical implementation, which is better expressed as guidance rather than policy.

Permitted Reserves - mineral deposits with the benefit of planning permission for extraction.

Ramsar Site - identifies Wetlands of International Importance especially as Wildfowl Habitat.

Reclamation – returning land to new or original use after mineral extraction.

Recovery - the reclamation, collection and separation of materials from the waste stream.

Recycling - the recovery and re-use of materials from wastes.

Reduction - reducing the volume of waste by use of technology requiring less waste generation from production, or production of longer lasting products with lower pollution potential.

Regional Planning Guidance (RPG) – regional planning policy and guidance issued for each region in England by the Secretary of State. As part of the reform process the existing RPG becomes the spatial strategy for the region until revised by a replacement Regional Spatial Strategy (RSS).

Regional Spatial Strategy (RSS) – a strategy for how a region should look in 15 to 20 years time and possibly longer. The Regional Spatial Strategy identifies the scale and distribution of new housing in the region, indicates areas for regeneration, expansion or sub-regional planning and specifies priorities for the environment, transport, infrastructure, economic development, agriculture, minerals and waste treatment and disposal. Most former Regional Planning Guidance is now considered RSS and forms part of the development plan. Regional Spatial Strategies are prepared by Regional Planning Bodies.

Re-Use - the repeated utilisation of an item/material for its original (or other) purpose.

Single Stream Recycling Facilities – facility recycling one type of waste.

Special Area of Conservation (SAC) – area recognised as important habitat.

Special Protection Area (SPA) – area recognised as being of international importance to birdlife.

Specialist Facilities – facilities used for the treatment of hazardous waste

Site of Specific Scientific Interest (SSSI) - a site identified under the Wildlife and Countryside Act 1981 (as amended by the Countryside and Rights of Way Act 2000) as an area of special interest by reason of any of its flora, fauna, geological or physiographical features (basically, plants, animals, and natural features relating to the Earth's structure).

Site Waste Management Plan (SWMP) – records amount and type of waste to be generated by a construction project and how it will be recycled, reused or disposed of. It also includes the potential reuse of materials on site and the reduction in quantities of new materials to be used within the development project. Compulsory on projects costing over £300,000.

Stable Non Reactive Hazardous Waste (SNRHW) – category of waste that can be put into landfill if separate from non hazardous waste.

Statement of Community Involvement (SCI) - sets out the processes to be used by the local authority in involving the community in the preparation, alteration and continuing review of all local development documents and development control decisions. The Statement of Community Involvement is an essential part of the new-look Local Development Frameworks.

Strategic Environmental Assessment (SEA) – an environmental assessment of certain plans and programmes, including those in the field of planning and land use, which complies with the EU Directive 2001/42/EC. The environmental assessment involves the preparation of an environmental report, carrying out of consultations, taking into account of the environmental report and the results of the consultations in decision making, provision of information when the plan or programme is adopted and showing that the results of the environment assessment have been taken into account.

Structure Plan – an old-style development plan, which sets out strategic planning policies at a County level and forms the basis for detailed policies in local plans. These plans will continue to operate for a time after the commencement of the new development plan system, due to transitional provisions under planning reform.

Supplementary Planning Document (SPD) - a Local Development Document that may cover a range of issues, thematic or site specific, and provides further detail of policies and proposals in a 'parent' Development Plan Document.

Sustainability Appraisal – an appraisal of the economic, environmental and social effects of a plan from the outset of the preparation process to allow decisions to be made that accord with sustainable development.

Transfer and Bulking Facility - receive waste from kerbside collections or commercial sources and bulk them up for onward transfer and processing

Waste Disposal - the process of getting rid of unwanted, broken, worn out, contaminated or spoiled materials in an orderly, regulated fashion.

Waste Arisings - wastes generated within an area e.g. County, derived from waste disposals minus imports plus exports.

Waste Planning Authority (WPA) – the authority that is responsible for waste land-use planning policy through the preparation of the [Minerals and Waste Development Framework](#) and the determination of planning applications for the processing or disposal of waste.

