

Contents

Figure list

Non-technical summary (NTS)

1	Introduction
2	Site description and development proposals
3	Environmental issues and methodology
4	Landscape and visual effects
5	Cultural heritage
6	Natural heritage
7	Traffic and transport
8	Air quality
9	Noise and vibration
10	Geology, hydrogeology and contamination
11	Water resources, flooding and drainage
12	Community, economic and social effects
13	Agriculture and soil resources
14	Cumulative effects with future phases of Northstowe
15	Summary tables

Glossary

Technical appendices (bound separately)

A	Scoping
B	Cultural heritage
C	Natural heritage
D	Traffic and transport
E	Air quality
F	Noise and vibration
G	Ground conditions
H	Flood risk assessment
I	Agriculture and soil resources
J	Lighting

Figure list

Non-technical summary

- NTS1 Phase 1 site in the context of the 2007 Northstowe application boundaries
- NTS2 Application boundary
- NTS3a Land use and open space: primary development site
- NTS3b Land use and open space: Hatton's Road attenuation ponds area
- NTS4 Building heights
- NTS5 Density
- NTS6 Access and movement

Ch 1: Introduction

- 1.1 Phase 1 site in the context of the 2007 Northstowe application boundaries

Ch 2: Site description and development proposals

- 2.1 Application boundary
- 2.2a Land use and open space: primary development site
- 2.2b Land use and open space: Hatton's Road attenuation ponds area
- 2.3 Building heights
- 2.4 Density
- 2.5 Access and movement
- 2.6a Construction phasing: phase 1-1
- 2.6b Construction phasing: phase 1-2
- 2.6c Construction phasing: phase 1-3
- 2.6d Construction phasing: phase 1-4

Ch 3: Environmental issues and methodology

- 3.1 Degree of effect matrix

Ch 4: Landscape and visual effects

- 4.1 Receptor sensitivity (landscape)
- 4.2 Impact magnitude (landscape)
- 4.3 Degree of effect matrix (landscape)
- 4.4 Receptor sensitivity (visual)
- 4.5 Impact magnitude (visual)
- 4.6 Degree of effect matrix (visual)
- 4.7 Site appraisal and site photograph viewpoint locations
- 4.8 Site photographs S1 and S2
- 4.9 Site photographs S3 and S4
- 4.10 Site photographs S5, S6, S7 and S8
- 4.11 Site photographs S9a and S9b
- 4.12 Site photographs S10, S11 and S12

- 4.13 Landscape context, designations and public rights of way

- 4.14 Topography

- 4.15 Landscape character areas

- 4.16 Zone of theoretical visibility of proposals

- 4.17 Representative view locations – wider area

- 4.18 Representative view locations – local area

- 4.19 Representative view 1

- 4.20 Representative view 2

- 4.21 Representative view 3

- 4.22 Representative view 4

- 4.23 Representative view 5

- 4.24 Representative view 6

- 4.25 Representative view 7

- 4.26 Representative view 8

- 4.27 Representative view 9

- 4.28 Representative view 10

- 4.29 Representative view 11

- 4.30 Representative view 12

- 4.31 Representative view 13

- 4.32 Representative view 14

- 4.33 Representative view 15

- 4.34 Representative view 16

- 4.35 Representative view 17

- 4.36 Representative view 18

- 4.37 Representative view 19

- 4.38 Representative view 20

- 4.39 Representative view 21

- 4.40 Representative view 22

- 4.41 Representative view 23

- 4.42 Representative view 24

- 4.43 Representative view 25

Ch 5: Cultural heritage

- 5.1 Archaeology assets in the study area

- 5.2 Built heritage assets in the study area

- 5.3 First edition 25-inch to 1-mile scale map dated 1882 (northern detail)

- 5.4 First edition 25-inch to 1-mile scale map dated 1882 (southern detail)

- 5.5 Receptor importance

- 5.6 Impact magnitude

- 5.7 Degree of effect

- 5.8 Archaeological events in the study area referred to in the ES chapter

- 5.9 Close detail of the archaeological resource within the application boundary

- 5.10 Archaeology mitigation proposals in relation to master plan proposals (based on CAU WSI, see technical appendix C3)

Ch 6: Natural heritage

- 6.1 Bat transect routes
- 6.2 Receptor importance
- 6.3 Impact magnitude
- 6.4 Degree of effect
- 6.5a Phase 1 habitat survey (primary development site)
- 6.5b Phase 1 habitat survey (Hatton's Road attenuation ponds area)
- 6.6 Location of recorded badger evidence
- 6.7 Results of bat transect surveys
- 6.8 Results of reptile surveys
- 6.9 Results of water vole survey
- 6.10a Ecological mitigation strategy: primary development site
- 6.10b Ecological mitigation strategy: Hatton's Road attenuation ponds area

Ch 7: Traffic and transport

- 7.1 Environmental assessment road link references
- 7.2 Environmental assessment sensitive receptors
- 7.3 Personal injury accident study area

Ch 8: Air quality

- 8.1 Location of receptors used in the assessment
- 8.2 Area of potential dust deposition during construction phase (prior to mitigation)

Ch 9: Noise and vibration

- 9.1 Previous noise monitoring locations
- 9.2 2011 noise monitoring locations
- 9.3 Location of sensitive receptors

Ch 10: Geology, hydrogeology and contamination

- 10.1 Receptor sensitivity
- 10.2 Impact magnitude
- 10.3 Degree of effect
- 10.4 Exploratory hole location plan: primary development site
- 10.5 Exploratory hole location plan: Hatton's Road attenuation ponds area

Ch 11: Water, flooding and drainage

- 11.1 Receptor sensitivity
- 11.2 Impact magnitude
- 11.3 Degree of effect
- 11.4 Surface water features

Ch 12: Community, economic and social effects

- 12.1 Receptor sensitivity
- 12.2 Impact magnitude
- 12.3 Degree of effect (community, economic and social)
- 12.4 Degree of effect (lighting)
- 12.5 Public rights of way on site
- 12.6 Sensitive receptors (lighting)

Ch 13: Agriculture and soil resources

- 13.1 Agricultural land quality on site
- 13.2 Soil resources on site

Ch 14: Cumulative effects with future phases of Northstowe

- 14.1 Framework master plan

Ch 15: Summary tables

No figures