

Viking CCS Pipeline

**Environmental
Statement Volume III –
Figures: Part 2 of 3**

Document Reference: EN070008/APP/6.3.2

Applicant: Chrysaor Production (U.K.) Limited,
a Harbour Energy Company
PINS Reference: EN070008
Planning Act 2008 (as amended)
The Infrastructure Planning (Applications: Prescribed Forms
and Procedure) Regulations 2009 - Regulation 5(2)(a)
Date: October 2023

PINS Reference	Document Reference	Document Revision	Date
EN070008	EN070008/APP/6.3	Revision 1	October 2023

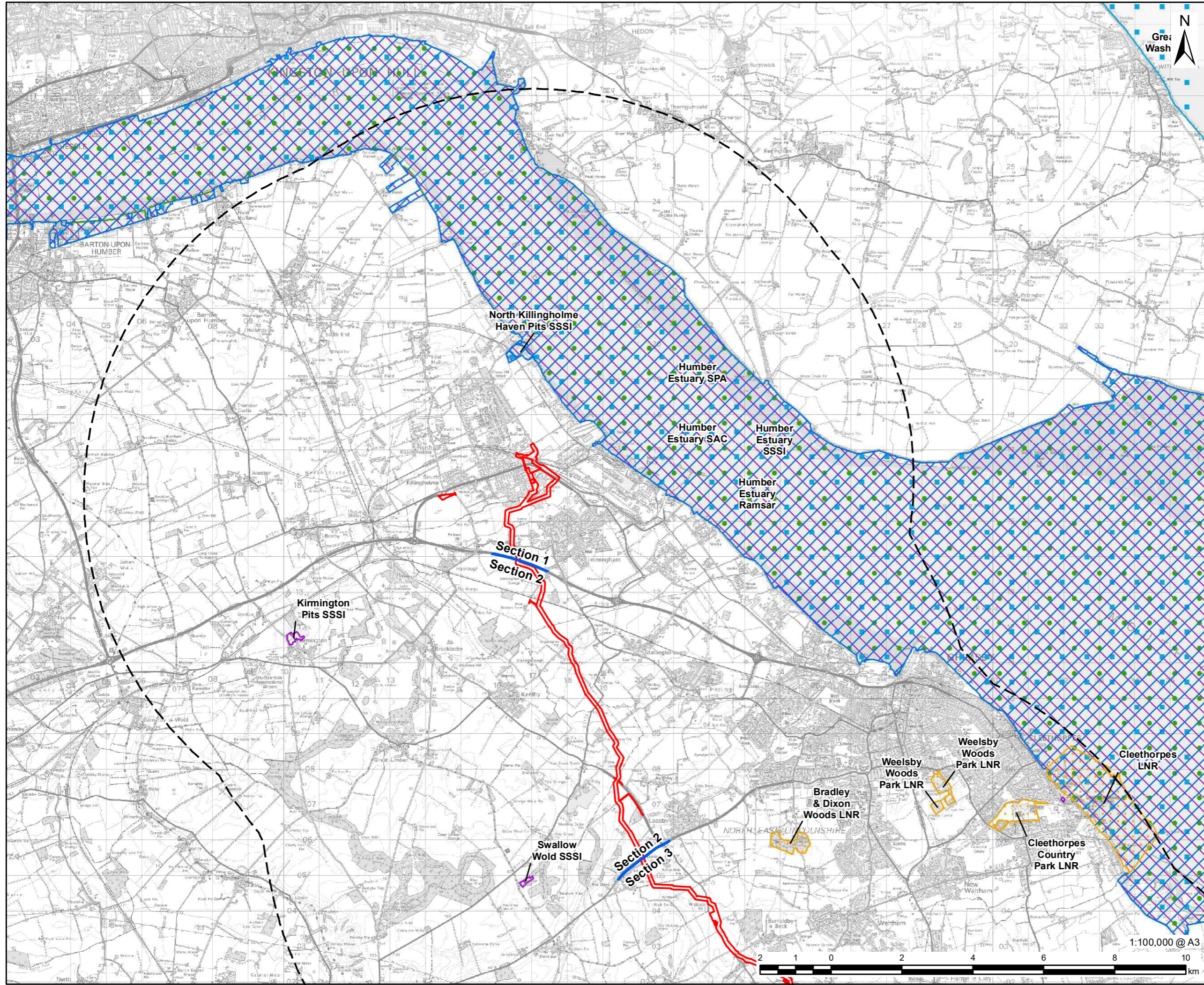
Prepared by	Verified by	Approved by
LC	MW	NP
GIS Principal Consultant	EIA Technical Director	EIA Technical Director

General Note: ES Volume III contains a copy of the main GIS generated figures (only) which have been prepared for the ES. Where appropriate, figures of a larger scale to those provided in the individual chapters of ES Volume II have been included.

Prepared by:

AECOM Limited
Exchange Station
Tithebarn Street
Liverpool
Merseyside
L2 2QP

© AECOM Limited. All rights reserved.



LEGEND

- DCO Site Boundary
- Route Section Break
- 10km Study Area
- Statutory Designated Sites**
- Local Nature Reserve (LNR)
- Ramsar
- Special Protection Area (SPA)
- Special Area of Conservation (SAC)
- Site of Special Scientific Interest (SSSI)

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2022.

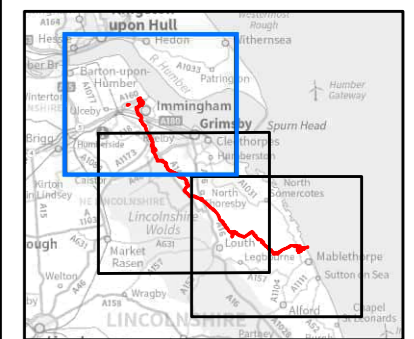
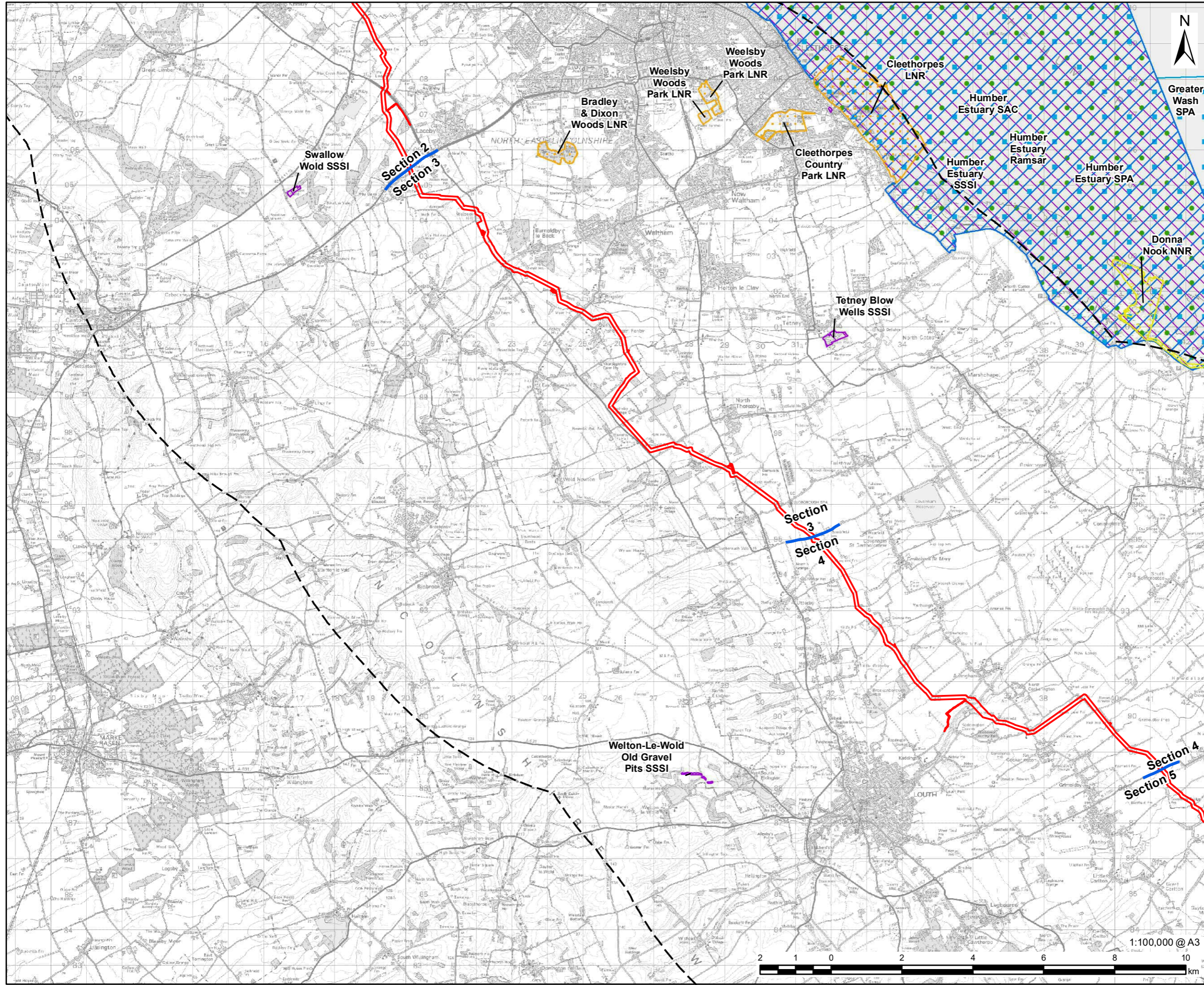


FIGURE TITLE
 Figure 6-1 (1 of 3)
Statutory Designated Sites within 10km

ISSUE PURPOSE
 ENVIRONMENTAL STATEMENT

PROJECT NUMBER / REFERENCE
 60668955 / VCCS_231012_ES_6-1

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as signed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



LEGEND

- DCO Site Boundary
- Route Section Break
- 10km Study Area
- Statutory Designated Sites**
- Local Nature Reserve (LNR)
- National Nature Reserve (NNR)
- Ramsar
- Special Protection Area (SPA)
- Special Area of Conservation (SAC)
- Site of Special Scientific Interest (SSSI)

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2022.

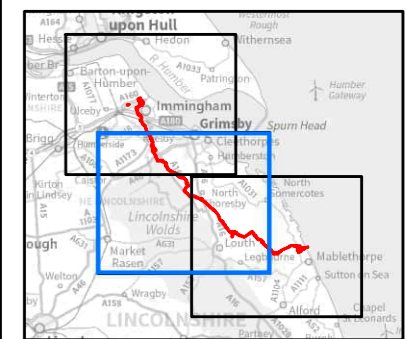
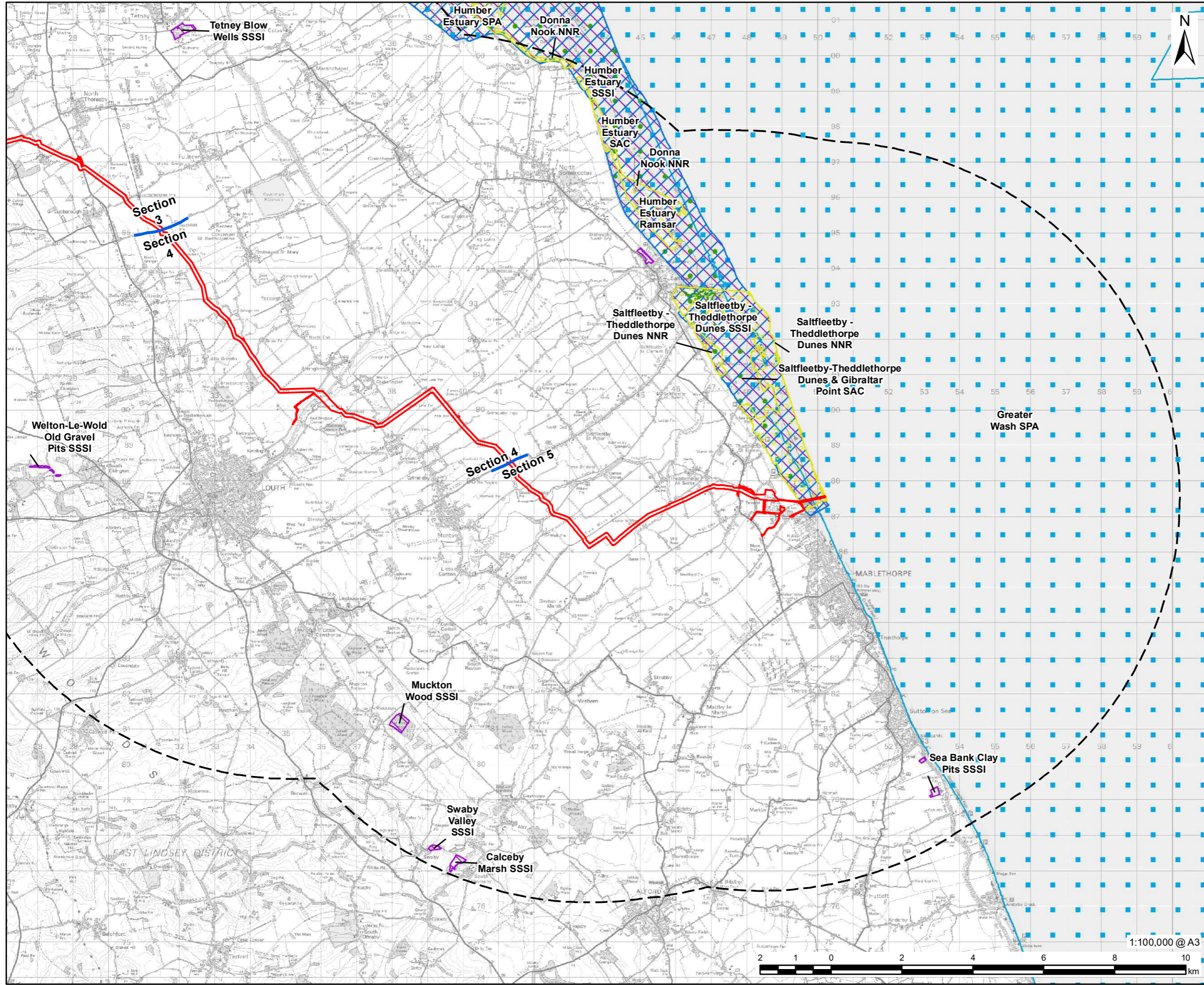


FIGURE TITLE
Figure 6-1 (2 of 3)
Statutory Designated Sites within 10km

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.





LEGEND

- DCO Site Boundary
- Route Section Break
- 10km Study Area
- Statutory Designated Sites**
- Local Nature Reserve (LNR)
- National Nature Reserve (NNR)
- Ramsar
- Special Protection Area (SPA)
- Special Area of Conservation (SAC)
- Site of Special Scientific Interest (SSSI)

NOTES:

Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2022.

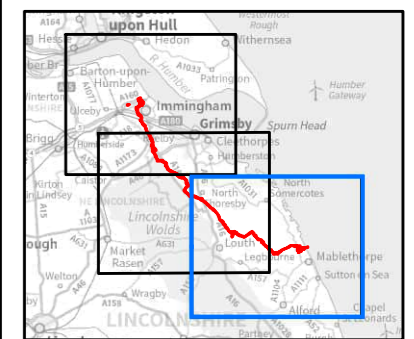
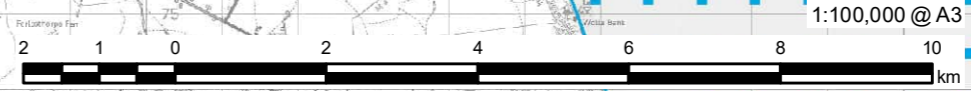


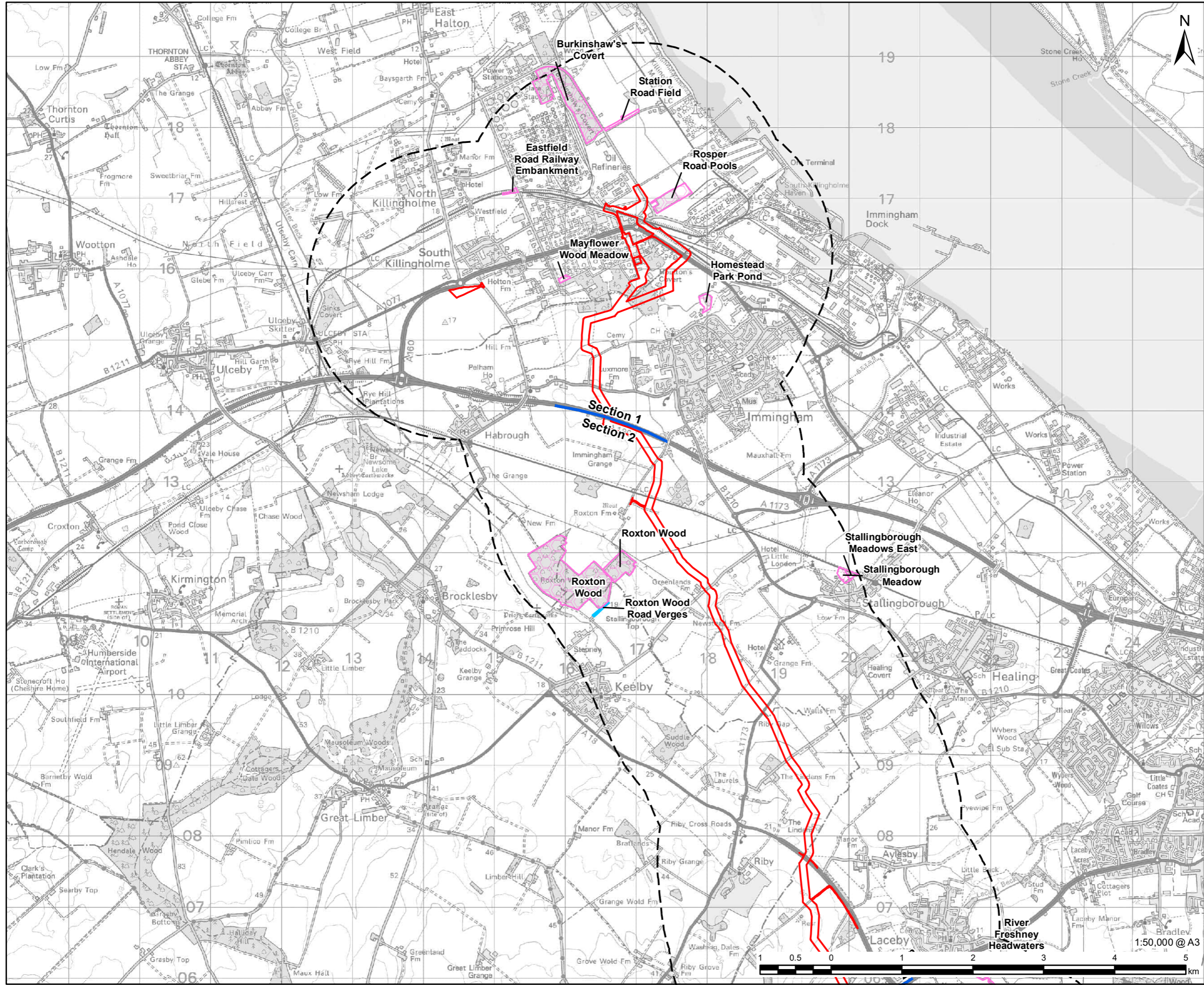
FIGURE TITLE

Figure 6-1 (3 of 3)

Statutory Designated Sites within 10km

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.





VikingCCS

AECOM

PROJECT
Viking CCS Pipeline

LEGEND

- DCO Site Boundary
- Route Section Break
- 2km Study Area
- Local Wildlife Site
- Road Nature Reserve

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2022.

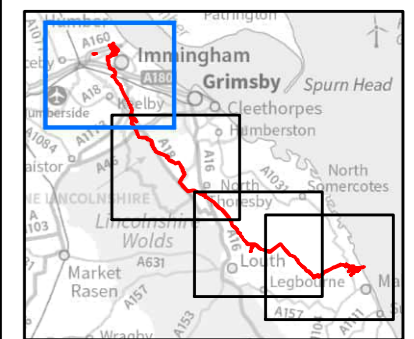
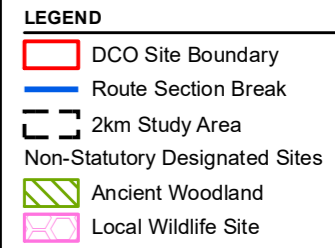
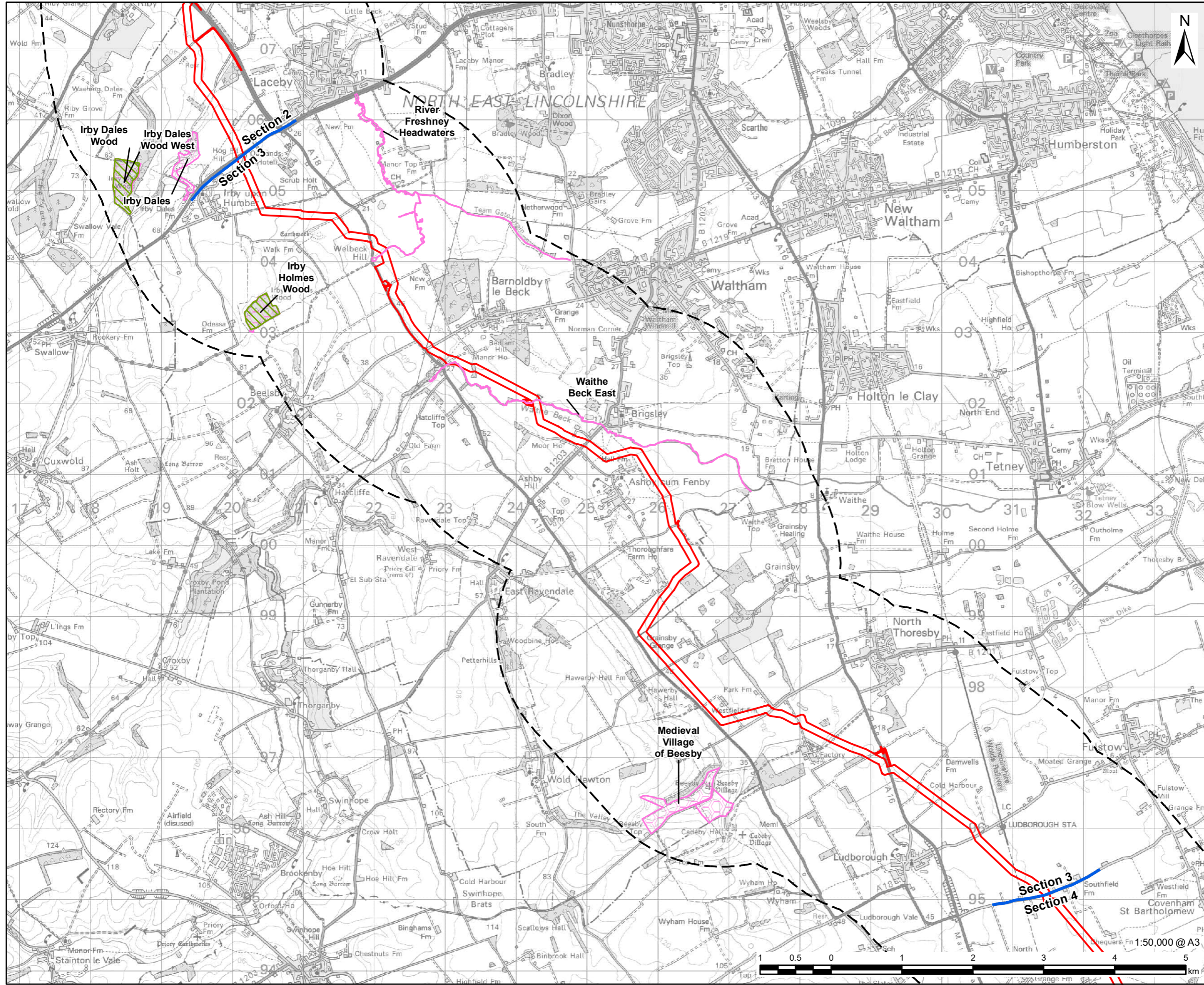


FIGURE TITLE
 Figure 6-2 (1 of 4)
 Non-Statutory Designated Sites within 2km

ISSUE PURPOSE
 ENVIRONMENTAL STATEMENT

PROJECT NUMBER / REFERENCE
 60668955 / VCCS_230914_ES_6-2

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2022.

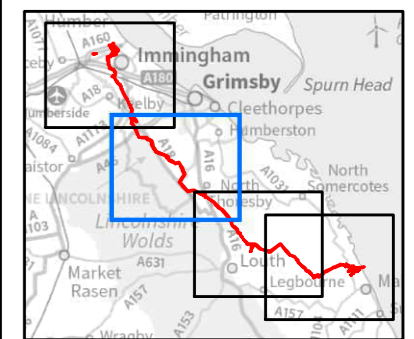
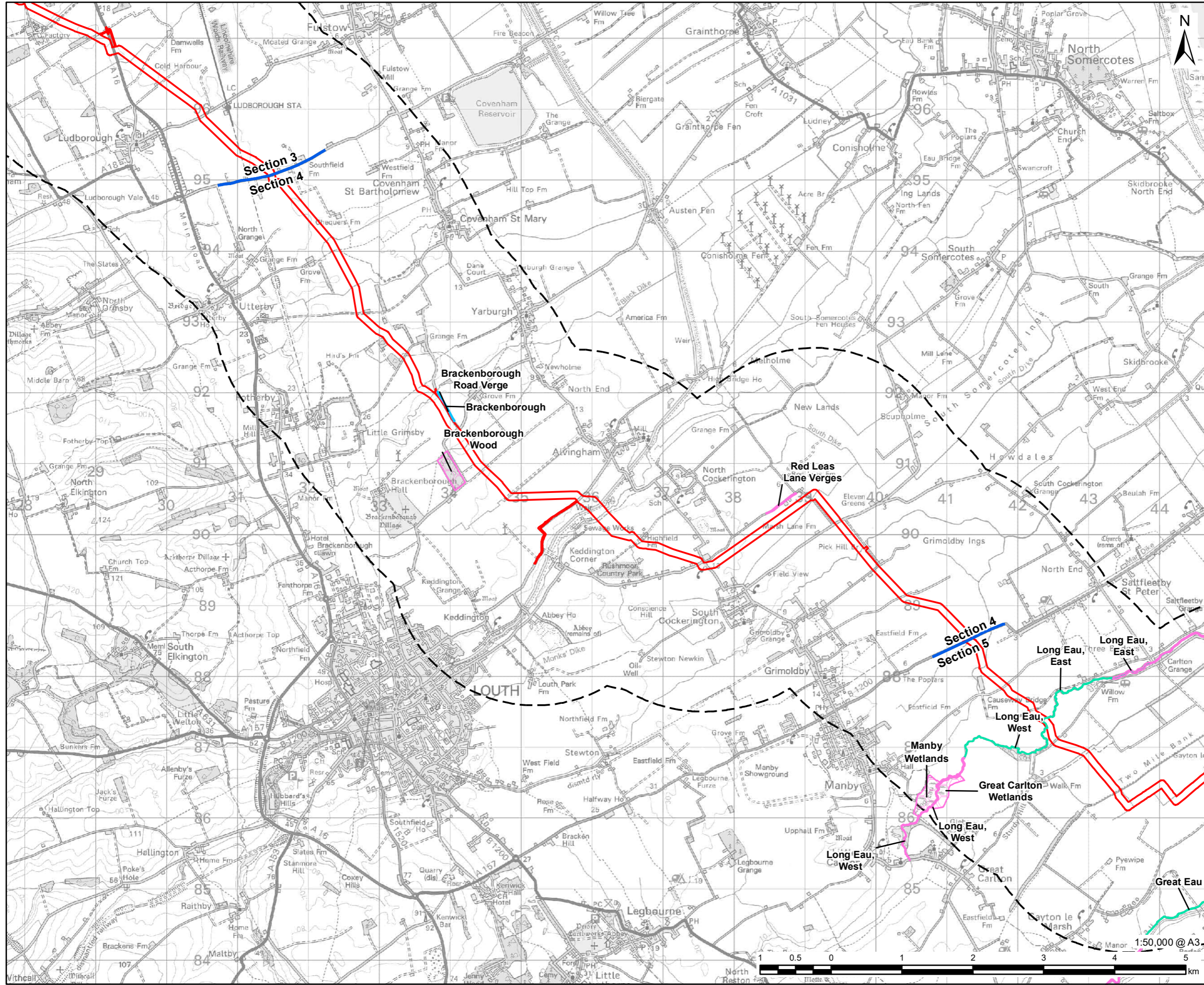


FIGURE TITLE
 Figure 6-2 (2 of 4)
 Non-Statutory Designated Sites within 2km



VikingCCS

AECOM

PROJECT

Viking CCS Pipeline

LEGEND

- DCO Site Boundary
- Route Section Break
- 2km Study Area
- Non-Statutory Designated Sites
- Local Wildlife Site
- Road Nature Reserve
- Site of Nature Conservation Interest

NOTES:

Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2022.

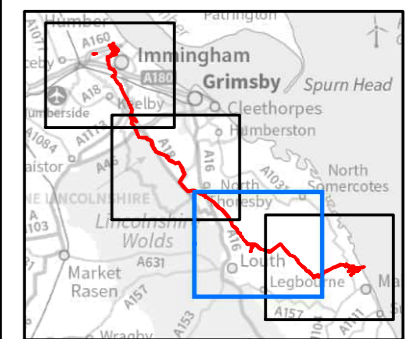


FIGURE TITLE

Figure 6-2 (3 of 4)
Non-Statutory Designated Sites within 2km

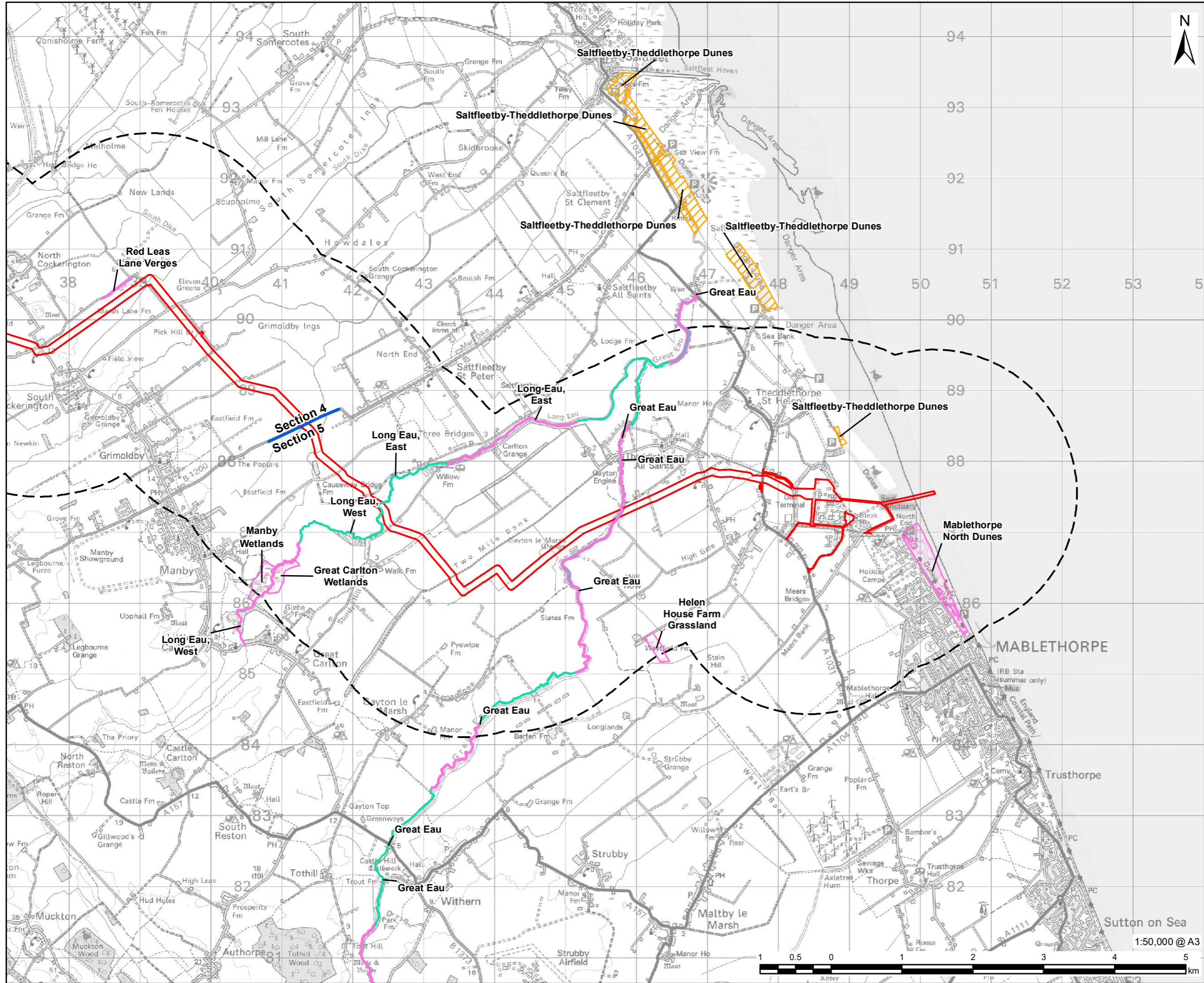
ISSUE PURPOSE

ENVIRONMENTAL STATEMENT

PROJECT NUMBER / REFERENCE

60668955 / VCCS_230914_ES_6-2

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



LEGEND

- DCO Site Boundary
- Route Section Break
- 2km Study Area
- Non-Statutory Designated Sites
- Local Wildlife Site
- Local Wildlife Trust
- Site of Nature Conservation Interest

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2022.

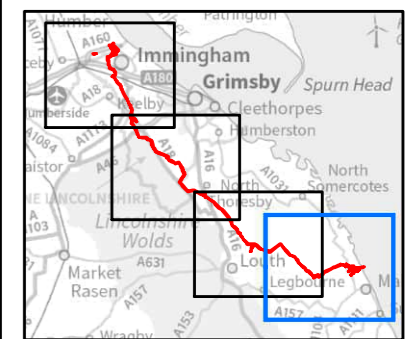
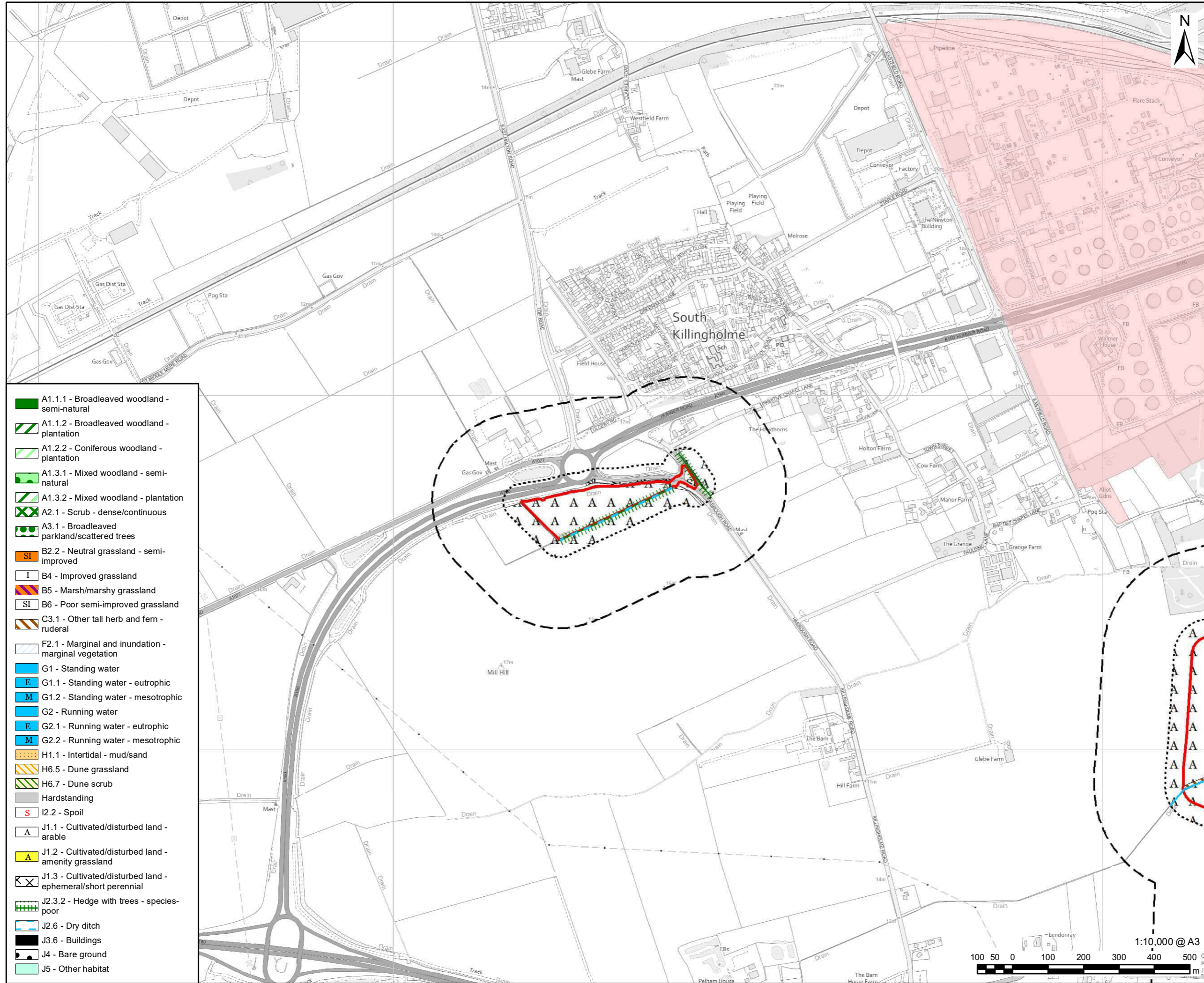


FIGURE TITLE
Figure 6-2 (4 of 4)
Non-Statutory Designated Sites within 2km

ISSUE PURPOSE
 ENVIRONMENTAL STATEMENT

PROJECT NUMBER / REFERENCE
 60668955 / VCCS_230914_ES_6-2

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



- LEGEND**
- DCO Site Boundary
 - Survey Area (DCO Site Boundary and 50m buffer)
 - 250m Study Area
 - Area inaccessible
 - X A2.2 - Scrub - scattered
 - A3.1 - Broadleaved parkland/scattered trees
 - A3.1 - Broadleaved parkland/scattered trees
 - A3.3 - Mixed parkland/scattered trees
 - G2 - Running water
 - G2.1 - Running water - eutrophic
 - G2.2 - Running water - mesotrophic
 - ~ J2.1.1 - Intact hedge - native species-rich
 - ~ J2.1.2 - Intact hedge - species-poor
 - ~ J2.2.1 - Defunct hedge - native species-rich
 - ~ J2.2.2 - Defunct hedge - species-poor
 - ~ J2.3.1 - Hedge with trees - native species-rich
 - ~ J2.3.2 - Hedge with trees - species-poor
 - ||||| J2.4 - Fence
 - - - J2.6 - Dry ditch
 - XXX J2.7 - Boundary removed

- A1.1.1 - Broadleaved woodland - semi-natural
- A1.1.2 - Broadleaved woodland - plantation
- A1.2.2 - Coniferous woodland - plantation
- A1.3.1 - Mixed woodland - semi-natural
- A1.3.2 - Mixed woodland - plantation
- A2.1 - Scrub - dense/continuous
- A3.1 - Broadleaved parkland/scattered trees
- B2.2 - Neutral grassland - semi-improved
- B4 - Improved grassland
- B5 - Marsh/marshy grassland
- B6 - Poor semi-improved grassland
- C3.1 - Other tall herb and fern - ruderal
- F2.1 - Marginal and inundation - marginal vegetation
- G1 - Standing water
- G1.1 - Standing water - eutrophic
- G1.2 - Standing water - mesotrophic
- G2 - Running water
- G2.1 - Running water - eutrophic
- G2.2 - Running water - mesotrophic
- H1.1 - Intertidal - mud/sand
- H6.5 - Dune grassland
- H6.7 - Dune scrub
- Hardstanding
- I2.2 - Spoil
- J1.1 - Cultivated/disturbed land - arable
- J1.2 - Cultivated/disturbed land - amenity grassland
- J1.3 - Cultivated/disturbed land - ephemeral/short perennial
- J2.3.2 - Hedge with trees - species-poor
- J2.6 - Dry ditch
- J3.6 - Buildings
- J4 - Bare ground
- J5 - Other habitat

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0.

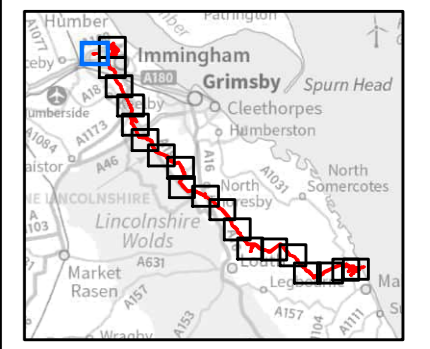
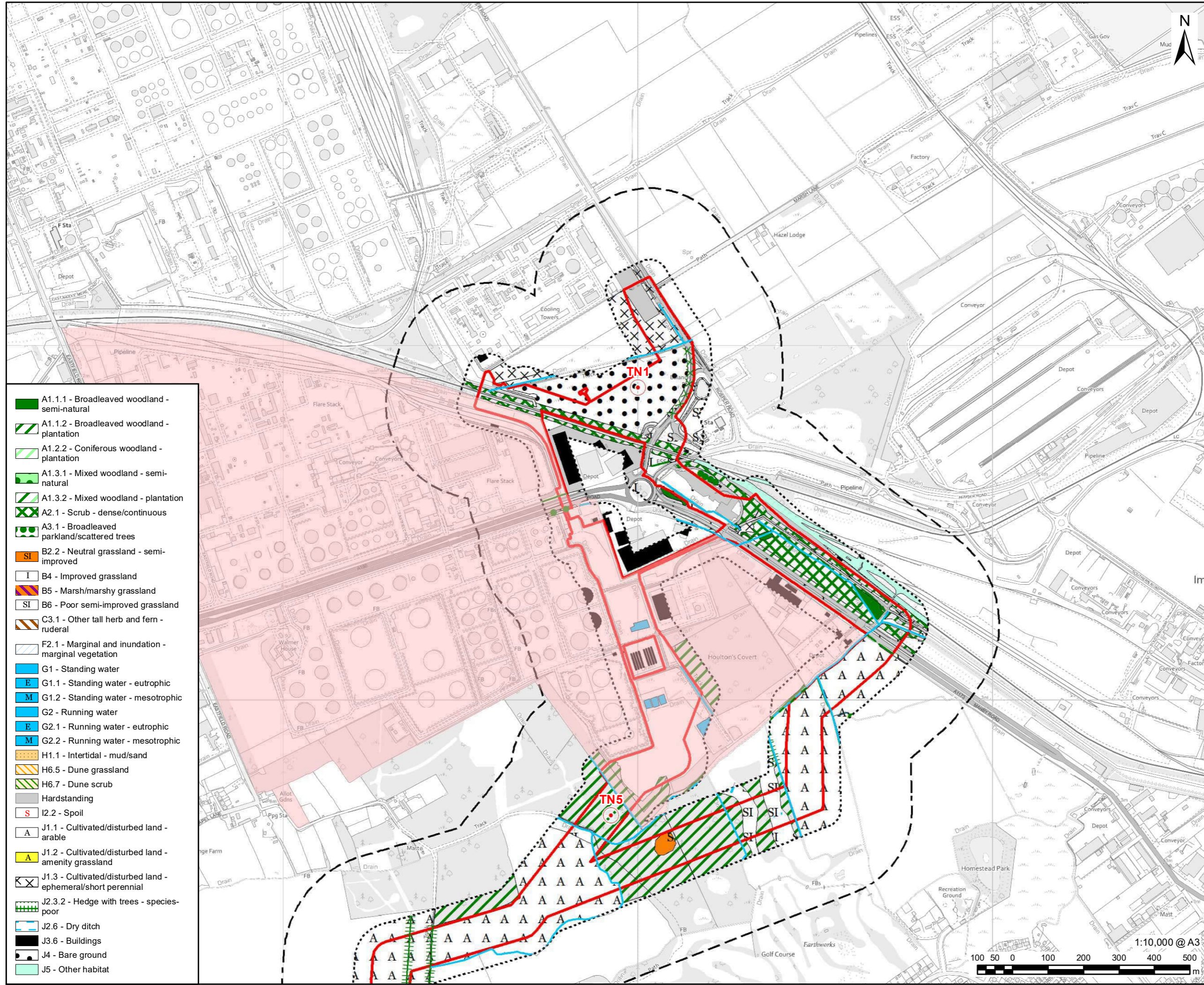


FIGURE TITLE
Figure 6-3 (1 of 20)
Phase 1 Habitat Survey

ISSUE PURPOSE
 ENVIRONMENTAL STATEMENT
 PROJECT NUMBER / REFERENCE
 60668955 / VCCS_230914_ES_6-3



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



- A1.1.1 - Broadleaved woodland - semi-natural
- A1.1.2 - Broadleaved woodland - plantation
- A1.2.2 - Coniferous woodland - plantation
- A1.3.1 - Mixed woodland - semi-natural
- A1.3.2 - Mixed woodland - plantation
- A2.1 - Scrub - dense/continuous
- A3.1 - Broadleaved parkland/scattered trees
- B2.2 - Neutral grassland - semi-improved
- B4 - Improved grassland
- B5 - Marsh/marshy grassland
- B6 - Poor semi-improved grassland
- C3.1 - Other tall herb and fern - ruderal
- F2.1 - Marginal and inundation - marginal vegetation
- G1 - Standing water
- G1.1 - Standing water - eutrophic
- G1.2 - Standing water - mesotrophic
- G2 - Running water
- G2.1 - Running water - eutrophic
- G2.2 - Running water - mesotrophic
- H1.1 - Intertidal - mud/sand
- H6.5 - Dune grassland
- H6.7 - Dune scrub
- Hardstanding
- I2.2 - Spoil
- J1.1 - Cultivated/disturbed land - arable
- J1.2 - Cultivated/disturbed land - amenity grassland
- J1.3 - Cultivated/disturbed land - ephemeral/short perennial
- J2.3.2 - Hedge with trees - species-poor
- J2.6 - Dry ditch
- J3.6 - Buildings
- J4 - Bare ground
- J5 - Other habitat

- LEGEND**
- DCO Site Boundary
 - Survey Area (DCO Site Boundary and 50m buffer)
 - 250m Study Area
 - Area inaccessible
 - Target Note
 - A2.2 - Scrub - scattered
 - A3.1 - Broadleaved parkland/scattered trees
 - A2.2 - Scrub - scattered
 - A3.1 - Broadleaved parkland/scattered trees
 - A3.3 - Mixed parkland/scattered trees
 - G2 - Running water
 - G2.1 - Running water - eutrophic
 - G2.2 - Running water - mesotrophic
 - J2.1.1 - Intact hedge - native species-rich
 - J2.1.2 - Intact hedge - species-poor
 - J2.2.1 - Defunct hedge - native species-rich
 - J2.2.2 - Defunct hedge - species-poor
 - J2.3.1 - Hedge with trees - native species-rich
 - J2.3.2 - Hedge with trees - species-poor
 - J2.4 - Fence
 - J2.6 - Dry ditch
 - J2.7 - Boundary removed

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0.

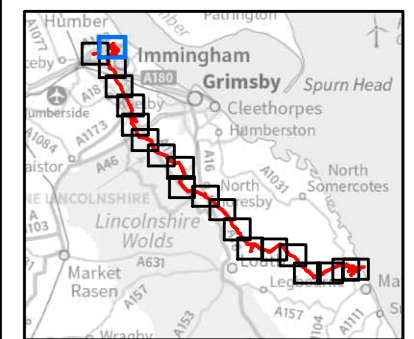
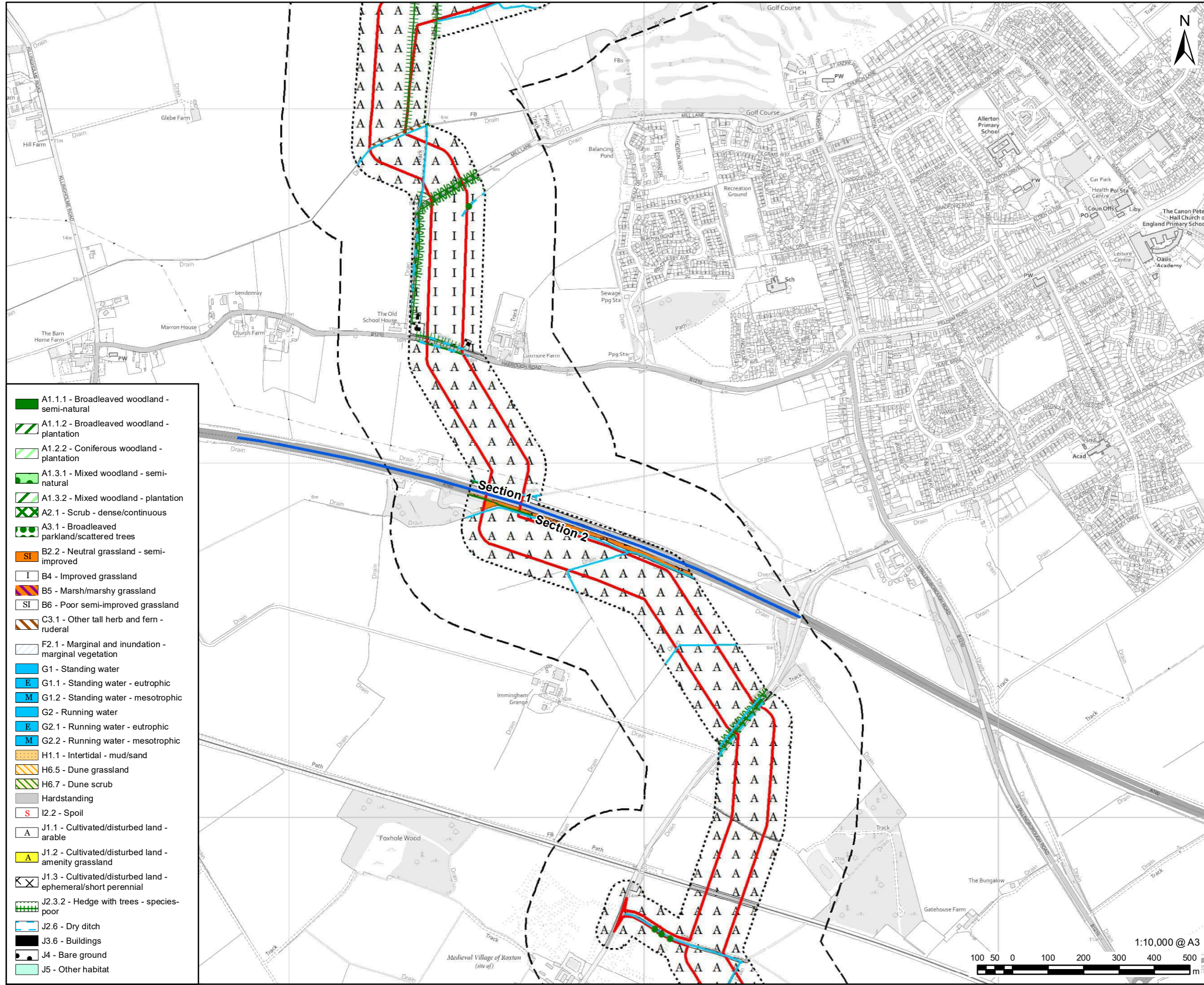


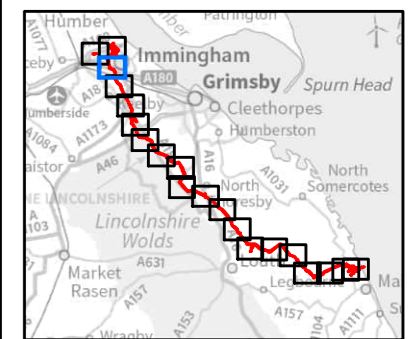
FIGURE TITLE
Figure 6-3 (2 of 20)
Phase 1 Habitat Survey

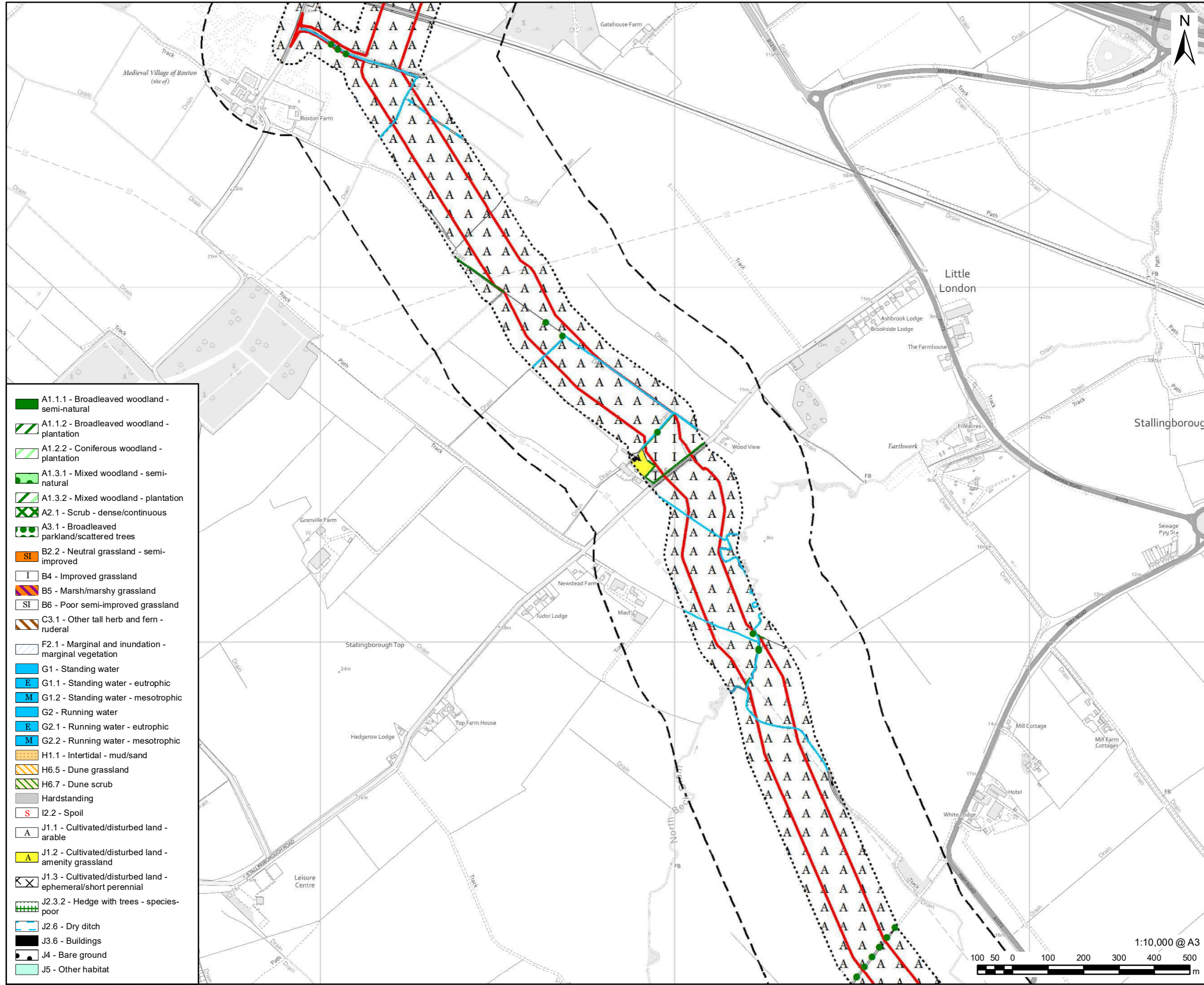


- A1.1.1 - Broadleaved woodland - semi-natural
- A1.1.2 - Broadleaved woodland - plantation
- A1.2.2 - Coniferous woodland - plantation
- A1.3.1 - Mixed woodland - semi-natural
- A1.3.2 - Mixed woodland - plantation
- A2.1 - Scrub - dense/continuous
- A3.1 - Broadleaved parkland/scattered trees
- B2.2 - Neutral grassland - semi-improved
- B4 - Improved grassland
- B5 - Marsh/marshy grassland
- B6 - Poor semi-improved grassland
- C3.1 - Other tall herb and fern - ruderal
- F2.1 - Marginal and inundation - marginal vegetation
- G1 - Standing water
- E G1.1 - Standing water - eutrophic
- M G1.2 - Standing water - mesotrophic
- G2 - Running water
- E G2.1 - Running water - eutrophic
- M G2.2 - Running water - mesotrophic
- H1.1 - Intertidal - mud/sand
- H6.5 - Dune grassland
- H6.7 - Dune scrub
- Hardstanding
- I2.2 - Spoil
- A J1.1 - Cultivated/disturbed land - arable
- A J1.2 - Cultivated/disturbed land - amenity grassland
- J1.3 - Cultivated/disturbed land - ephemeral/short perennial
- J2.3.2 - Hedge with trees - species-poor
- J2.6 - Dry ditch
- J3.6 - Buildings
- J4 - Bare ground
- J5 - Other habitat

- LEGEND**
- DCO Site Boundary
 - Route Section Break
 - Survey Area (DCO Site Boundary and 50m buffer)
 - 250m Study Area
 - A2.2 - Scrub - scattered
 - A3.1 - Broadleaved parkland/scattered trees
 - A2.2 - Scrub - scattered
 - A3.1 - Broadleaved parkland/scattered trees
 - A3.3 - Mixed parkland/scattered trees
 - G2 - Running water
 - E G2.1 - Running water - eutrophic
 - M G2.2 - Running water - mesotrophic
 - J2.1.1 - Intact hedge - native species-rich
 - J2.1.2 - Intact hedge - species-poor
 - J2.2.1 - Defunct hedge - native species-rich
 - J2.2.2 - Defunct hedge - species-poor
 - J2.3.1 - Hedge with trees - native species-rich
 - J2.3.2 - Hedge with trees - species-poor
 - J2.4 - Fence
 - J2.6 - Dry ditch
 - J2.7 - Boundary removed

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0.

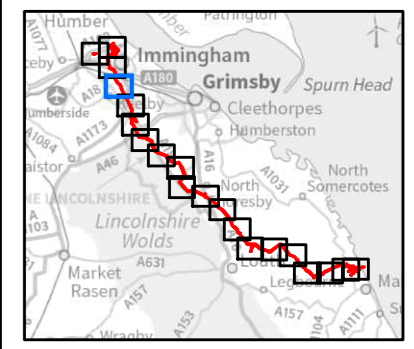




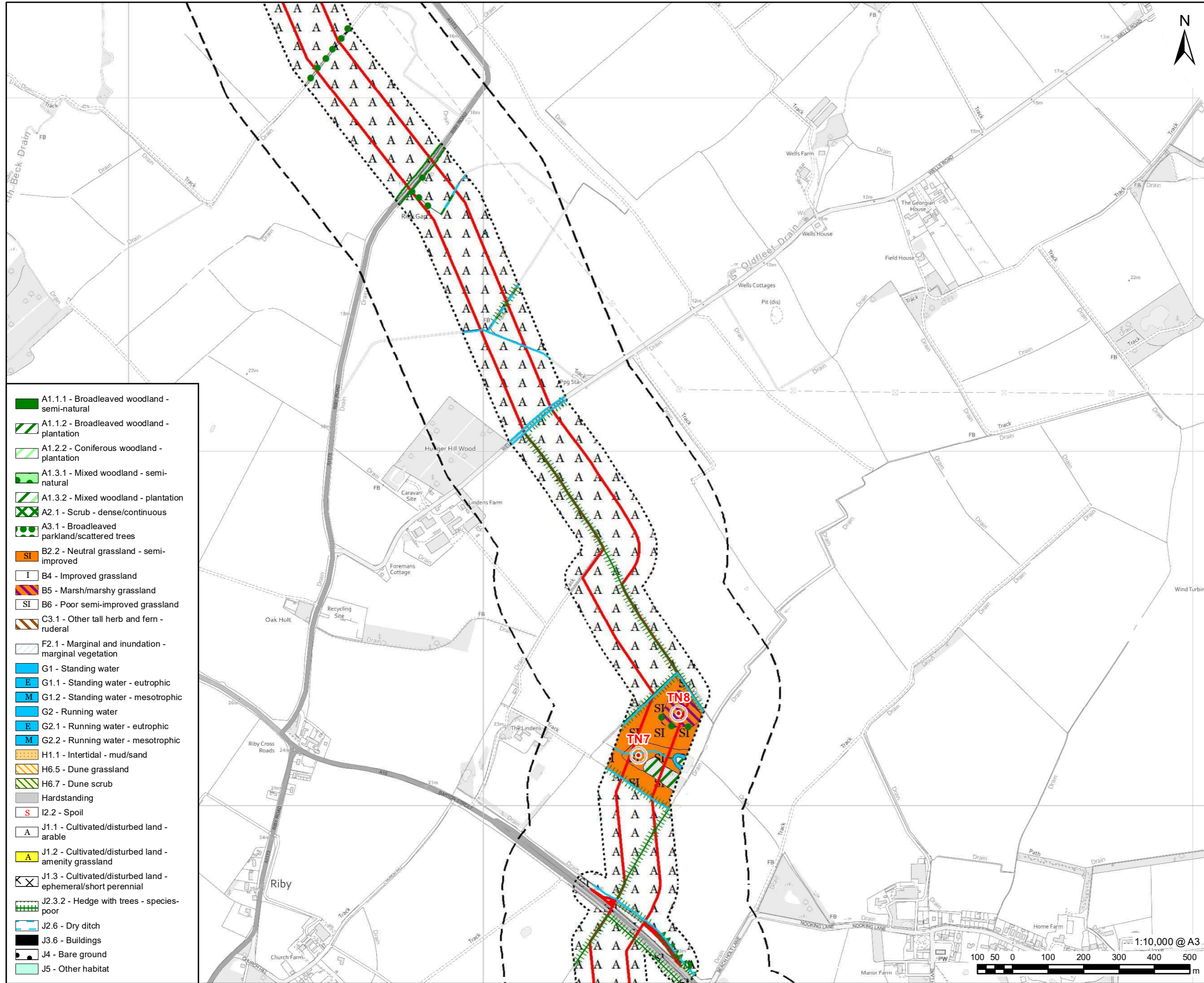
- A1.1.1 - Broadleaved woodland - semi-natural
- A1.1.2 - Broadleaved woodland - plantation
- A1.2.2 - Coniferous woodland - plantation
- A1.3.1 - Mixed woodland - semi-natural
- A1.3.2 - Mixed woodland - plantation
- A2.1 - Scrub - dense/continuous
- A3.1 - Broadleaved parkland/scattered trees
- B2.2 - Neutral grassland - semi-improved
- B4 - Improved grassland
- B5 - Marsh/marshy grassland
- B6 - Poor semi-improved grassland
- C3.1 - Other tall herb and fern - ruderal
- F2.1 - Marginal and inundation - marginal vegetation
- G1 - Standing water
- E G1.1 - Standing water - eutrophic
- M G1.2 - Standing water - mesotrophic
- G2 - Running water
- E G2.1 - Running water - eutrophic
- M G2.2 - Running water - mesotrophic
- H1.1 - Intertidal - mud/sand
- H6.5 - Dune grassland
- H6.7 - Dune scrub
- Hardstanding
- I2.2 - Spoil
- A J1.1 - Cultivated/disturbed land - arable
- A J1.2 - Cultivated/disturbed land - amenity grassland
- X J1.3 - Cultivated/disturbed land - ephemeral/short perennial
- J2.3.2 - Hedge with trees - species-poor
- J2.6 - Dry ditch
- J3.6 - Buildings
- J4 - Bare ground
- J5 - Other habitat

- LEGEND**
- DCO Site Boundary
 - Survey Area (DCO Site Boundary and 50m buffer)
 - 250m Study Area
 - X A2.2 - Scrub - scattered
 - A3.1 - Broadleaved parkland/scattered trees
 - A3.1 - Broadleaved parkland/scattered trees
 - A3.3 - Mixed parkland/scattered trees
 - G2 - Running water
 - E G2.1 - Running water - eutrophic
 - M G2.2 - Running water - mesotrophic
 - J2.1.1 - Intact hedge - native species-rich
 - J2.1.2 - Intact hedge - species-poor
 - J2.2.1 - Defunct hedge - native species-rich
 - J2.2.2 - Defunct hedge - species-poor
 - J2.3.1 - Hedge with trees - native species-rich
 - J2.3.2 - Hedge with trees - species-poor
 - J2.4 - Fence
 - J2.6 - Dry ditch
 - X X X J2.7 - Boundary removed

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0.



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



- A1.1.1 - Broadleaved woodland - semi-natural
- A1.1.2 - Broadleaved woodland - plantation
- A1.2.2 - Coniferous woodland - plantation
- A1.3.1 - Mixed woodland - semi-natural
- A1.3.2 - Mixed woodland - plantation
- A2.1 - Scrub - dense/continuous
- A3.1 - Broadleaved parkland/scattered trees
- B2.2 - Neutral grassland - semi-improved
- B4 - Improved grassland
- B5 - Marsh/marshy grassland
- B6 - Poor semi-improved grassland
- C3.1 - Other tall herb and fern - ruderal
- F2.1 - Marginal and inundation - marginal vegetation
- G1 - Standing water
- G1.1 - Standing water - eutrophic
- G1.2 - Standing water - mesotrophic
- G2 - Running water
- G2.1 - Running water - eutrophic
- G2.2 - Running water - mesotrophic
- H1.1 - Intertidal - mud/sand
- H6.5 - Dune grassland
- H6.7 - Dune scrub
- Hardstanding
- I2.2 - Spoil
- J1.1 - Cultivated/disturbed land - arable
- J1.2 - Cultivated/disturbed land - amenity grassland
- J1.3 - Cultivated/disturbed land - ephemeral/short perennial
- J2.3.2 - Hedge with trees - species-poor
- J2.6 - Dry ditch
- J3.6 - Buildings
- J4 - Bare ground
- J5 - Other habitat

- LEGEND**
- DCO Site Boundary
 - Survey Area (DCO Site Boundary and 50m buffer)
 - 250m Study Area
 - Target Note
 - A2.2 - Scrub - scattered
 - A3.1 - Broadleaved parkland/scattered trees
 - A3.3 - Mixed parkland/scattered trees
 - A2.2 - Scrub - scattered
 - A3.1 - Broadleaved parkland/scattered trees
 - A3.3 - Mixed parkland/scattered trees
 - G2 - Running water
 - G2.1 - Running water - eutrophic
 - G2.2 - Running water - mesotrophic
 - J2.1.1 - Intact hedge - native species-rich
 - J2.1.2 - Intact hedge - species-poor
 - J2.2.1 - Defunct hedge - native species-rich
 - J2.2.2 - Defunct hedge - species-poor
 - J2.3.1 - Hedge with trees - native species-rich
 - J2.3.2 - Hedge with trees - species-poor
 - J2.4 - Fence
 - J2.6 - Dry ditch
 - J2.7 - Boundary removed

NOTES:
Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0.

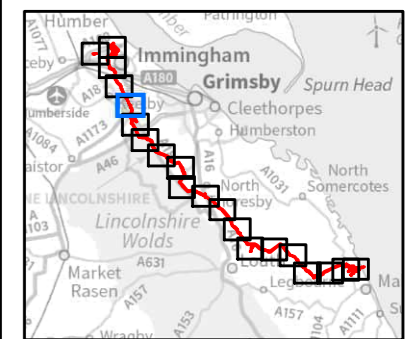
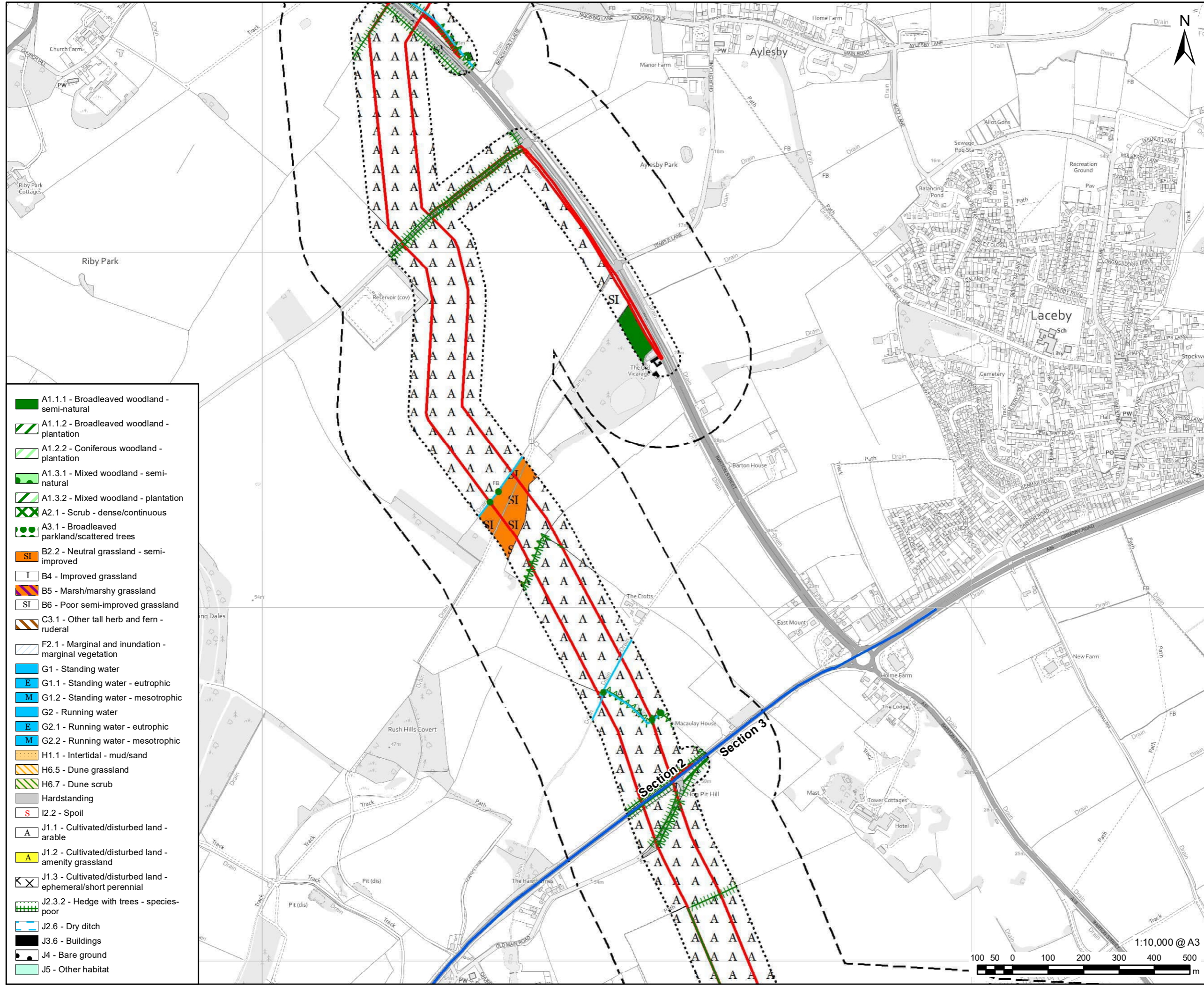


FIGURE TITLE
Figure 6-3 (5 of 20)
Phase 1 Habitat Survey

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



- A1.1.1 - Broadleaved woodland - semi-natural
- A1.1.2 - Broadleaved woodland - plantation
- A1.2.2 - Coniferous woodland - plantation
- A1.3.1 - Mixed woodland - semi-natural
- A1.3.2 - Mixed woodland - plantation
- A2.1 - Scrub - dense/continuous
- A3.1 - Broadleaved parkland/scattered trees
- B2.2 - Neutral grassland - semi-improved
- B4 - Improved grassland
- B5 - Marsh/marshy grassland
- B6 - Poor semi-improved grassland
- C3.1 - Other tall herb and fern - ruderal
- F2.1 - Marginal and inundation - marginal vegetation
- G1 - Standing water
- E G1.1 - Standing water - eutrophic
- M G1.2 - Standing water - mesotrophic
- G2 - Running water
- E G2.1 - Running water - eutrophic
- M G2.2 - Running water - mesotrophic
- H1.1 - Intertidal - mud/sand
- H6.5 - Dune grassland
- H6.7 - Dune scrub
- Hardstanding
- S I2.2 - Spoil
- A J1.1 - Cultivated/disturbed land - arable
- A J1.2 - Cultivated/disturbed land - amenity grassland
- X J1.3 - Cultivated/disturbed land - ephemeral/short perennial
- J2.3.2 - Hedge with trees - species-poor
- J2.6 - Dry ditch
- J3.6 - Buildings
- J4 - Bare ground
- J5 - Other habitat

- LEGEND**
- DCO Site Boundary
 - Route Section Break
 - Survey Area (DCO Site Boundary and 50m buffer)
 - 250m Study Area
 - X A2.2 - Scrub - scattered
 - A3.1 - Broadleaved parkland/scattered trees
 - X X X A2.2 - Scrub - scattered
 - A3.1 - Broadleaved parkland/scattered trees
 - A3.3 - Mixed parkland/scattered trees
 - G2 - Running water
 - E G2.1 - Running water - eutrophic
 - M G2.2 - Running water - mesotrophic
 - J2.1.1 - Intact hedge - native species-rich
 - J2.1.2 - Intact hedge - species-poor
 - J2.2.1 - Defunct hedge - native species-rich
 - J2.2.2 - Defunct hedge - species-poor
 - J2.3.1 - Hedge with trees - native species-rich
 - J2.3.2 - Hedge with trees - species-poor
 - H H H H H J2.4 - Fence
 - - - J2.6 - Dry ditch
 - X X X X J2.7 - Boundary removed

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0.

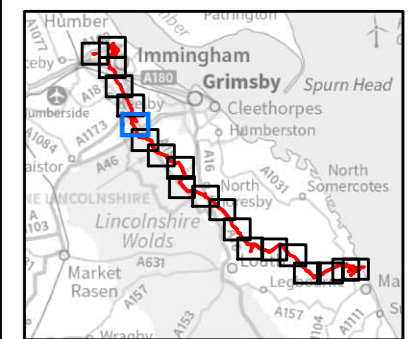
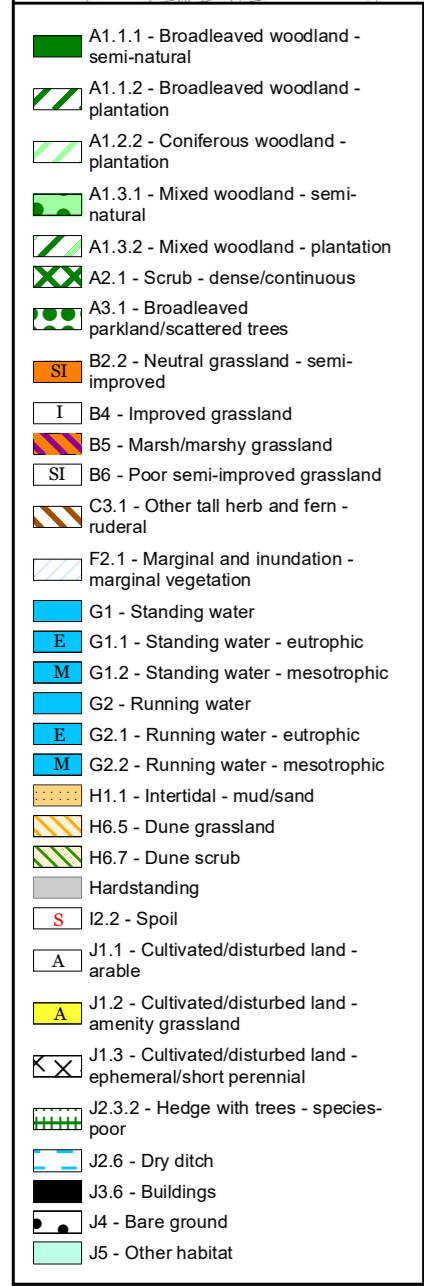
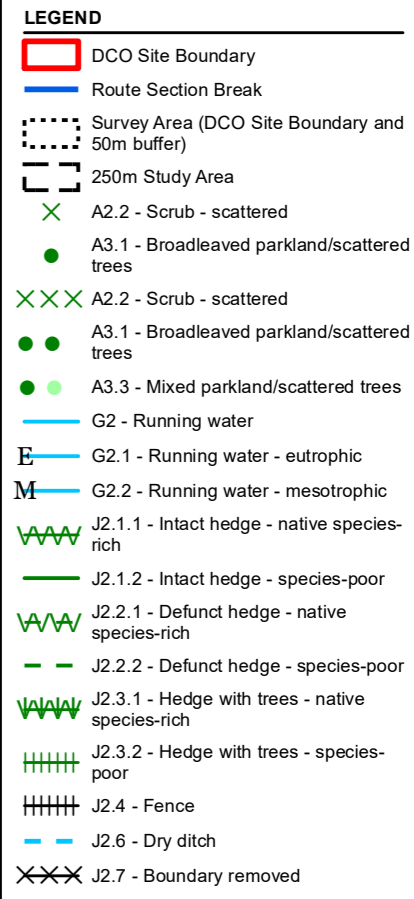
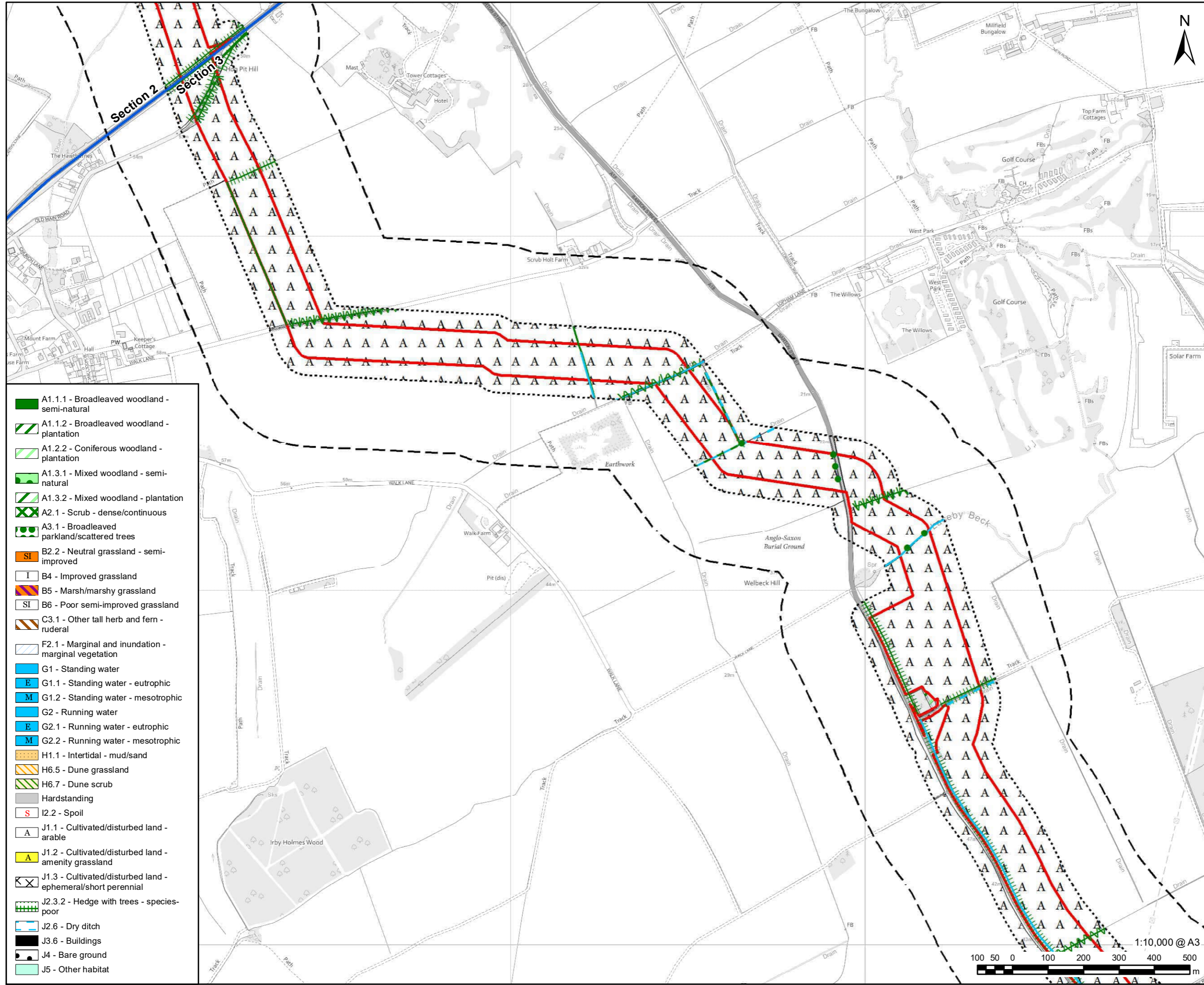


FIGURE TITLE
Figure 6-3 (6 of 20)
Phase 1 Habitat Survey

ISSUE PURPOSE
 ENVIRONMENTAL STATEMENT
 PROJECT NUMBER / REFERENCE
 60668955 / VCCS_230914_ES_6-3

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as signed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0.

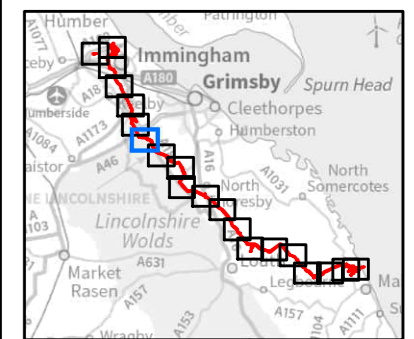
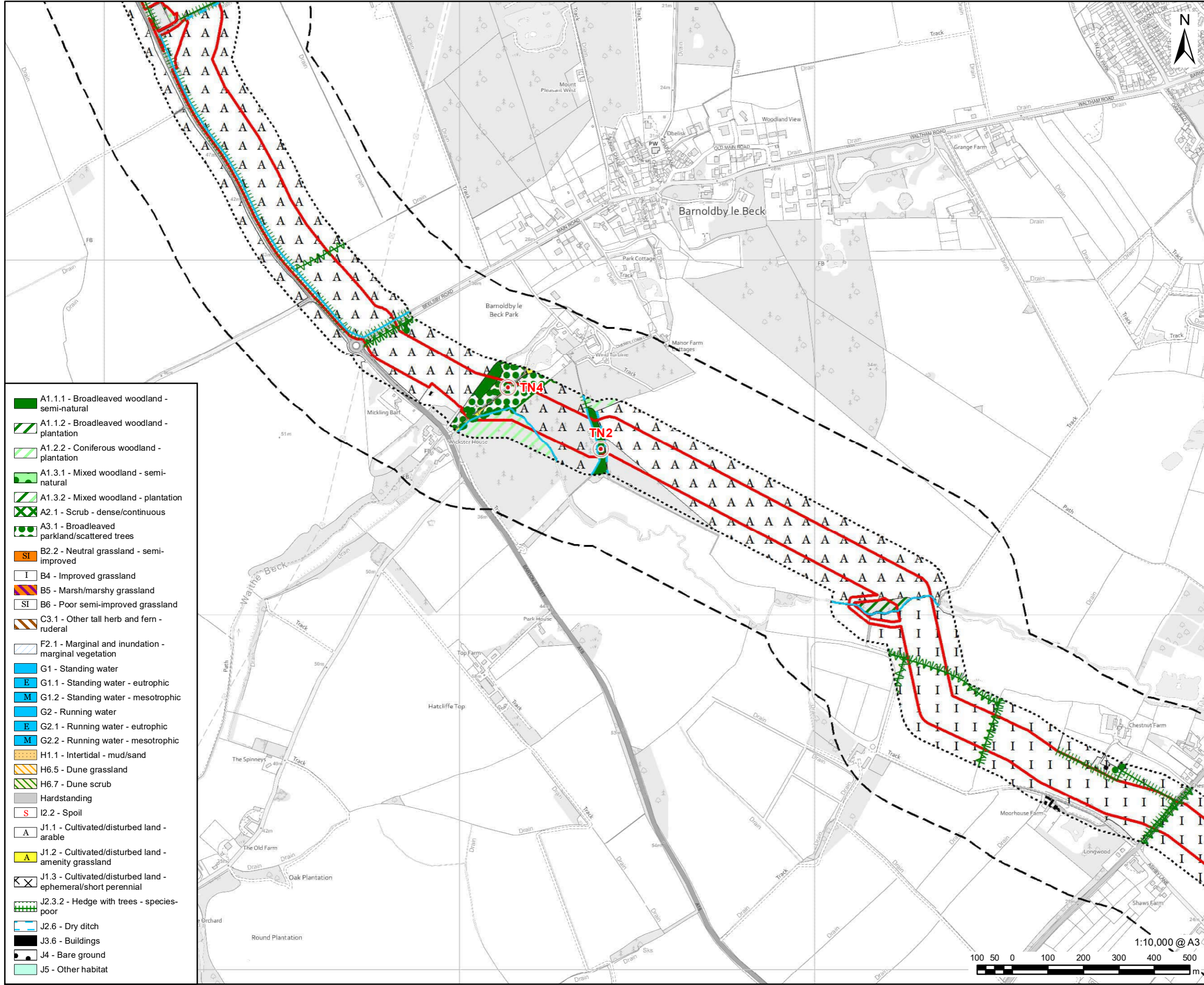


FIGURE TITLE
Figure 6-3 (7 of 20)
Phase 1 Habitat Survey





- A1.1.1 - Broadleaved woodland - semi-natural
- A1.1.2 - Broadleaved woodland - plantation
- A1.2.2 - Coniferous woodland - plantation
- A1.3.1 - Mixed woodland - semi-natural
- A1.3.2 - Mixed woodland - plantation
- A2.1 - Scrub - dense/continuous
- A3.1 - Broadleaved parkland/scattered trees
- B2.2 - Neutral grassland - semi-improved
- B4 - Improved grassland
- B5 - Marsh/marshy grassland
- B6 - Poor semi-improved grassland
- C3.1 - Other tall herb and fern - ruderal
- F2.1 - Marginal and inundation - marginal vegetation
- G1 - Standing water
- G1.1 - Standing water - eutrophic
- G1.2 - Standing water - mesotrophic
- G2 - Running water
- G2.1 - Running water - eutrophic
- G2.2 - Running water - mesotrophic
- H1.1 - Intertidal - mud/sand
- H6.5 - Dune grassland
- H6.7 - Dune scrub
- Hardstanding
- I2.2 - Spoil
- J1.1 - Cultivated/disturbed land - arable
- J1.2 - Cultivated/disturbed land - amenity grassland
- J1.3 - Cultivated/disturbed land - ephemeral/short perennial
- J2.3.2 - Hedge with trees - species-poor
- J2.6 - Dry ditch
- J3.6 - Buildings
- J4 - Bare ground
- J5 - Other habitat

PROJECT
Viking CCS Pipeline

- LEGEND**
- DCO Site Boundary
 - Survey Area (DCO Site Boundary and 50m buffer)
 - 250m Study Area
 - Target Note
 - A2.2 - Scrub - scattered
 - A3.1 - Broadleaved parkland/scattered trees
 - A2.2 - Scrub - scattered
 - A3.1 - Broadleaved parkland/scattered trees
 - A3.3 - Mixed parkland/scattered trees
 - G2 - Running water
 - G2.1 - Running water - eutrophic
 - G2.2 - Running water - mesotrophic
 - J2.1.1 - Intact hedge - native species-rich
 - J2.1.2 - Intact hedge - species-poor
 - J2.2.1 - Defunct hedge - native species-rich
 - J2.2.2 - Defunct hedge - species-poor
 - J2.3.1 - Hedge with trees - native species-rich
 - J2.3.2 - Hedge with trees - species-poor
 - J2.4 - Fence
 - J2.6 - Dry ditch
 - J2.7 - Boundary removed

NOTES:
Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0.

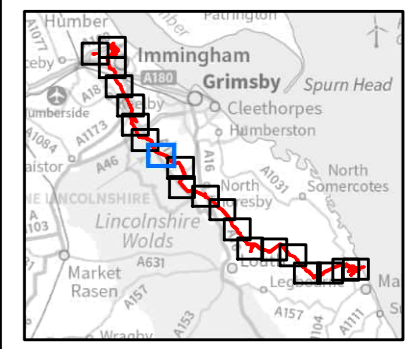
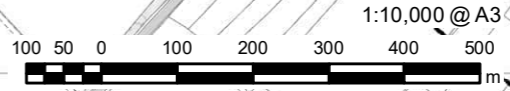
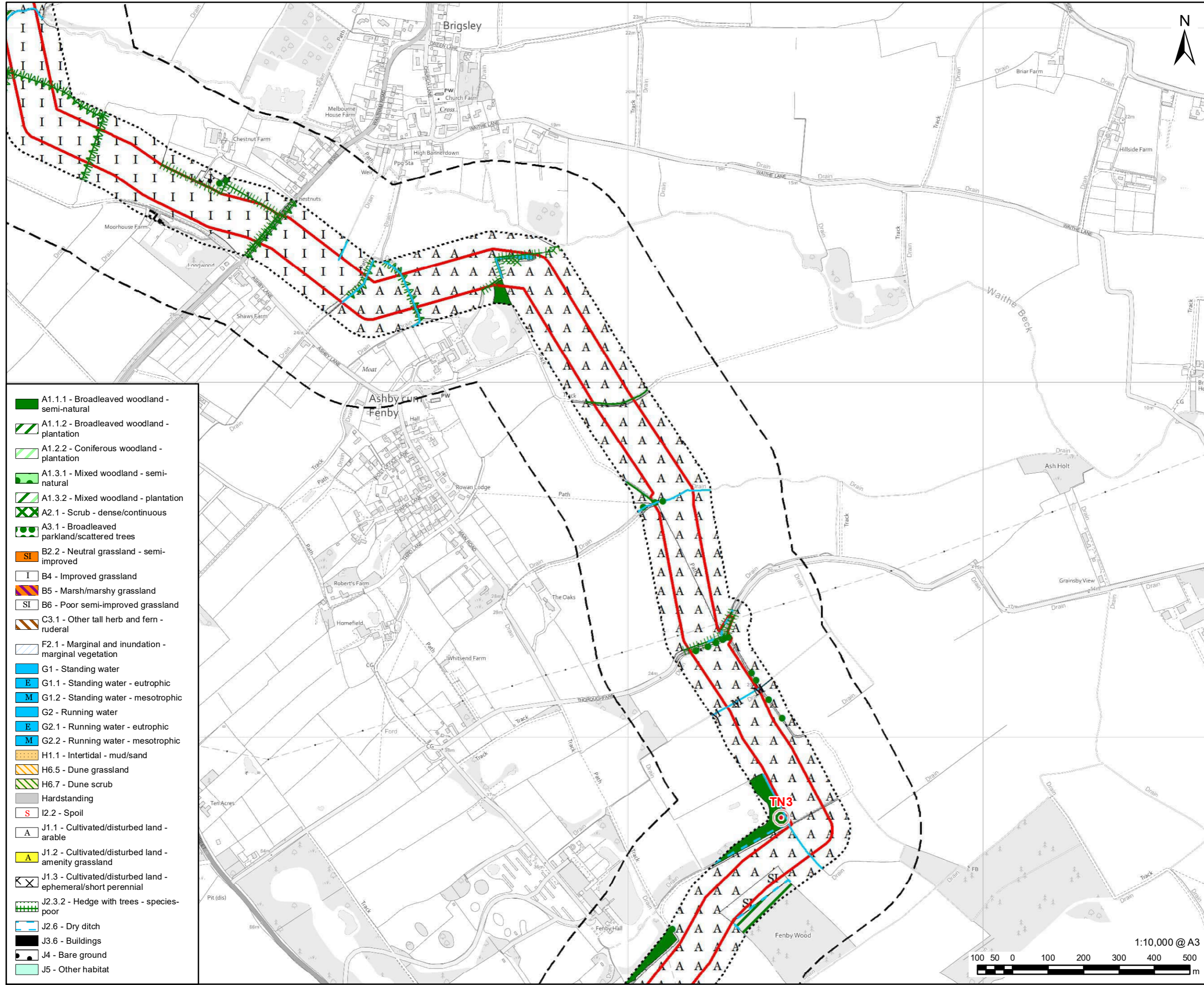


FIGURE TITLE
Figure 6-3 (8 of 20)
Phase 1 Habitat Survey

ISSUE PURPOSE
ENVIRONMENTAL STATEMENT
PROJECT NUMBER / REFERENCE
60668955 / VCCS_230914_ES_6-3



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. All measurements must be obtained from the stated dimensions.



	A1.1.1 - Broadleaved woodland - semi-natural
	A1.1.2 - Broadleaved woodland - plantation
	A1.2.2 - Coniferous woodland - plantation
	A1.3.1 - Mixed woodland - semi-natural
	A1.3.2 - Mixed woodland - plantation
	A2.1 - Scrub - dense/continuous
	A3.1 - Broadleaved parkland/scattered trees
	B2.2 - Neutral grassland - semi-improved
	B4 - Improved grassland
	B5 - Marsh/marshy grassland
	B6 - Poor semi-improved grassland
	C3.1 - Other tall herb and fern - ruderal
	F2.1 - Marginal and inundation - marginal vegetation
	G1 - Standing water
	G1.1 - Standing water - eutrophic
	G1.2 - Standing water - mesotrophic
	G2 - Running water
	G2.1 - Running water - eutrophic
	G2.2 - Running water - mesotrophic
	H1.1 - Intertidal - mud/sand
	H6.5 - Dune grassland
	H6.7 - Dune scrub
	Hardstanding
	I2.2 - Spoil
	J1.1 - Cultivated/disturbed land - arable
	J1.2 - Cultivated/disturbed land - amenity grassland
	J1.3 - Cultivated/disturbed land - ephemeral/short perennial
	J2.3.2 - Hedge with trees - species-poor
	J2.6 - Dry ditch
	J3.6 - Buildings
	J4 - Bare ground
	J5 - Other habitat

LEGEND

	DCO Site Boundary
	Survey Area (DCO Site Boundary and 50m buffer)
	250m Study Area
	Target Note
	A2.2 - Scrub - scattered
	A3.1 - Broadleaved parkland/scattered trees
	A2.2 - Scrub - scattered
	A3.1 - Broadleaved parkland/scattered trees
	A3.3 - Mixed parkland/scattered trees
	G2 - Running water
	G2.1 - Running water - eutrophic
	G2.2 - Running water - mesotrophic
	J2.1.1 - Intact hedge - native species-rich
	J2.1.2 - Intact hedge - species-poor
	J2.2.1 - Defunct hedge - native species-rich
	J2.2.2 - Defunct hedge - species-poor
	J2.3.1 - Hedge with trees - native species-rich
	J2.3.2 - Hedge with trees - species-poor
	J2.4 - Fence
	J2.6 - Dry ditch
	J2.7 - Boundary removed

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0.

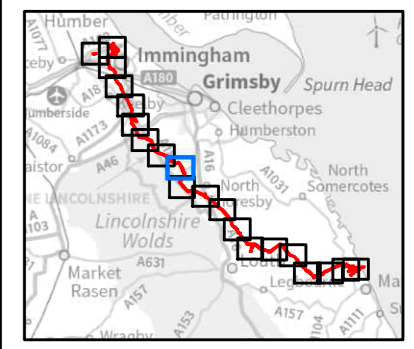
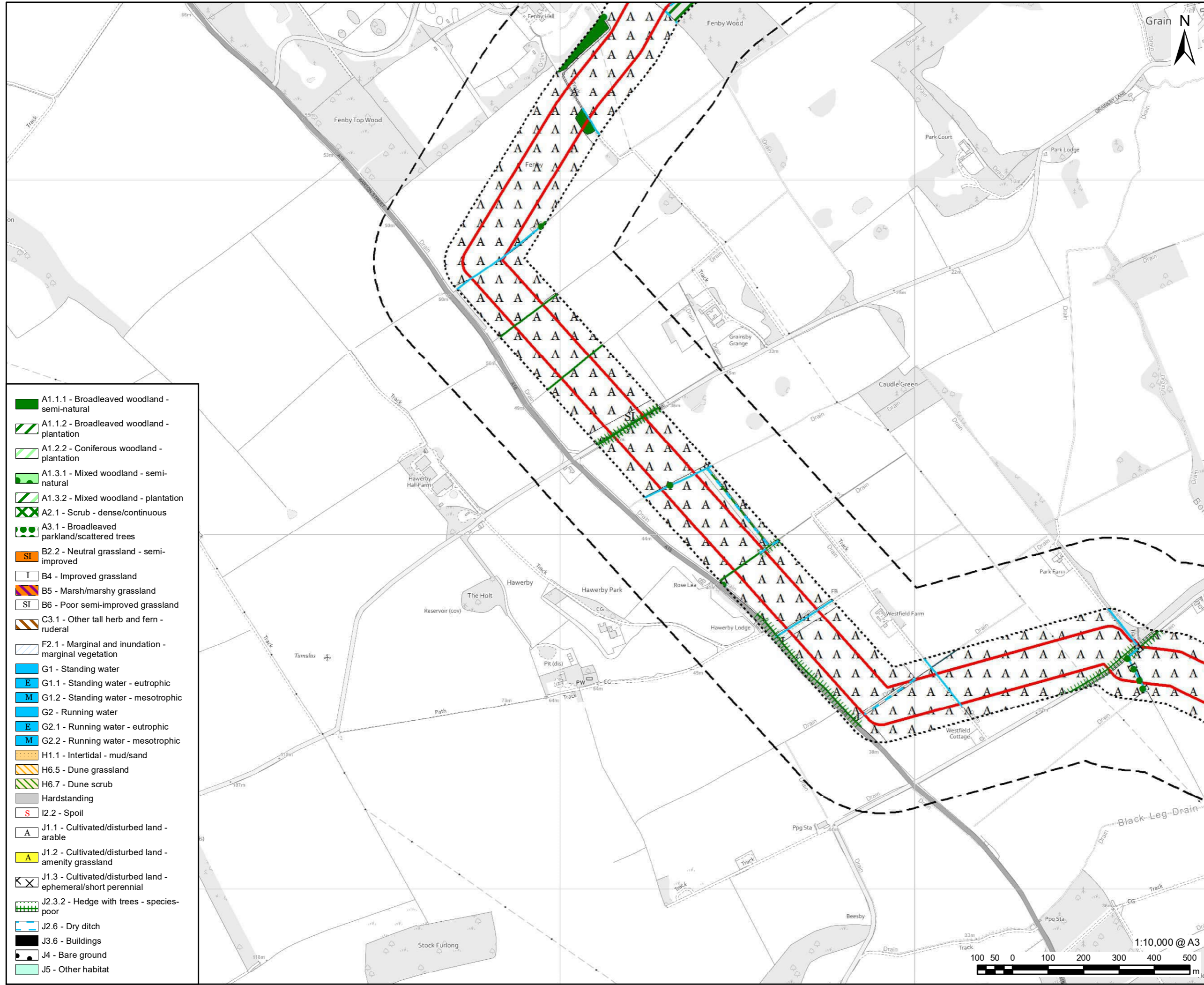


FIGURE TITLE
Figure 6-3 (9 of 20)
Phase 1 Habitat Survey

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



	A1.1.1 - Broadleaved woodland - semi-natural
	A1.1.2 - Broadleaved woodland - plantation
	A1.2.2 - Coniferous woodland - plantation
	A1.3.1 - Mixed woodland - semi-natural
	A1.3.2 - Mixed woodland - plantation
	A2.1 - Scrub - dense/continuous
	A3.1 - Broadleaved parkland/scattered trees
	B2.2 - Neutral grassland - semi-improved
	B4 - Improved grassland
	B5 - Marsh/marshy grassland
	B6 - Poor semi-improved grassland
	C3.1 - Other tall herb and fern - ruderal
	F2.1 - Marginal and inundation - marginal vegetation
	G1 - Standing water
	G1.1 - Standing water - eutrophic
	G1.2 - Standing water - mesotrophic
	G2 - Running water
	G2.1 - Running water - eutrophic
	G2.2 - Running water - mesotrophic
	H1.1 - Intertidal - mud/sand
	H6.5 - Dune grassland
	H6.7 - Dune scrub
	Hardstanding
	I2.2 - Spoil
	J1.1 - Cultivated/disturbed land - arable
	J1.2 - Cultivated/disturbed land - amenity grassland
	J1.3 - Cultivated/disturbed land - ephemeral/short perennial
	J2.3.2 - Hedge with trees - species-poor
	J2.6 - Dry ditch
	J3.6 - Buildings
	J4 - Bare ground
	J5 - Other habitat

LEGEND

	DCO Site Boundary
	Survey Area (DCO Site Boundary and 50m buffer)
	250m Study Area
	A2.2 - Scrub - scattered
	A3.1 - Broadleaved parkland/scattered trees
	A2.2 - Scrub - scattered
	A3.1 - Broadleaved parkland/scattered trees
	A3.3 - Mixed parkland/scattered trees
	G2 - Running water
	G2.1 - Running water - eutrophic
	G2.2 - Running water - mesotrophic
	J2.1.1 - Intact hedge - native species-rich
	J2.1.2 - Intact hedge - species-poor
	J2.2.1 - Defunct hedge - native species-rich
	J2.2.2 - Defunct hedge - species-poor
	J2.3.1 - Hedge with trees - native species-rich
	J2.3.2 - Hedge with trees - species-poor
	J2.4 - Fence
	J2.6 - Dry ditch
	J2.7 - Boundary removed

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0.

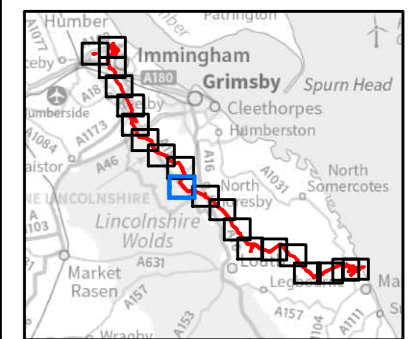
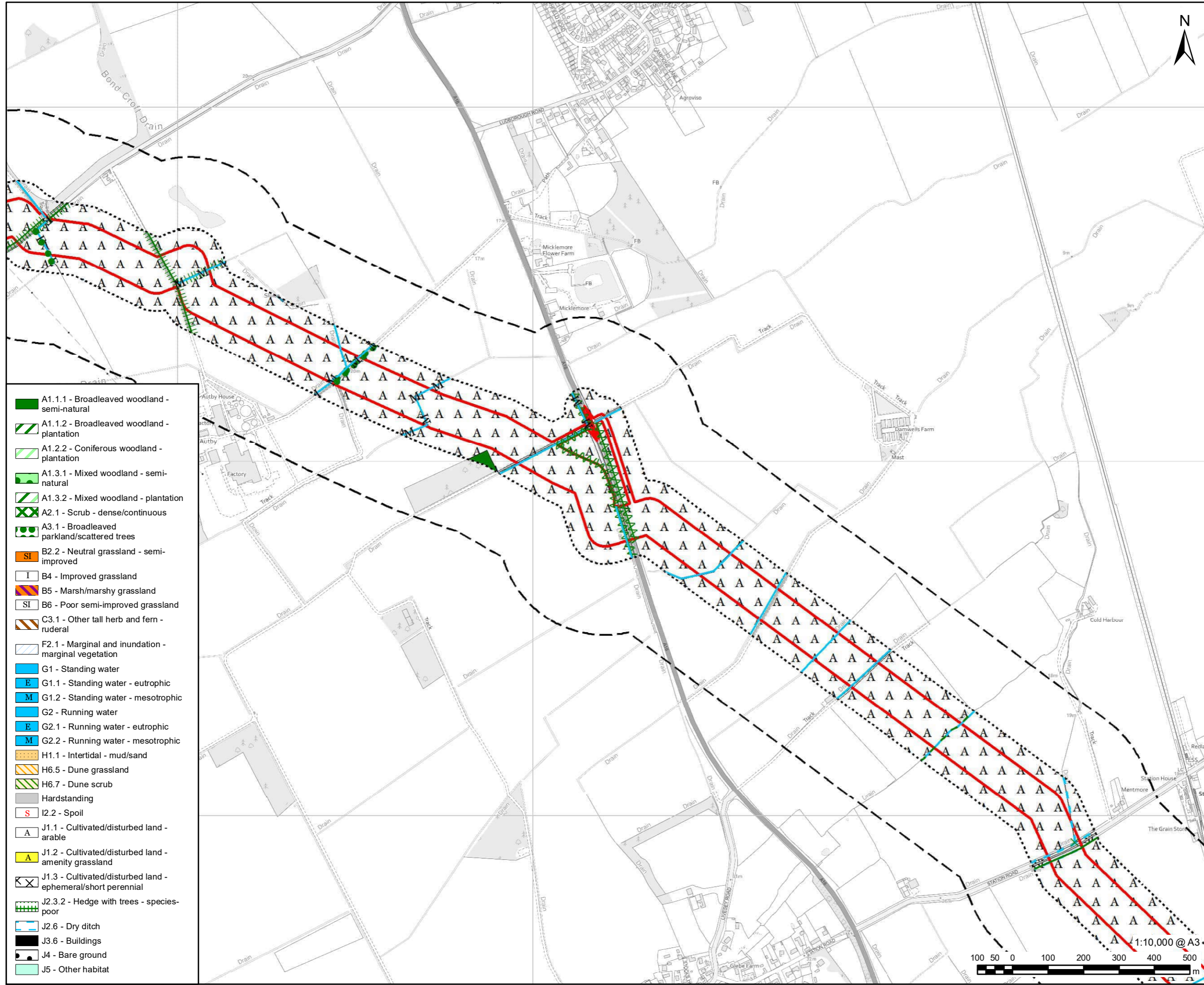


FIGURE TITLE
Figure 6-3 (10 of 20)
Phase 1 Habitat Survey

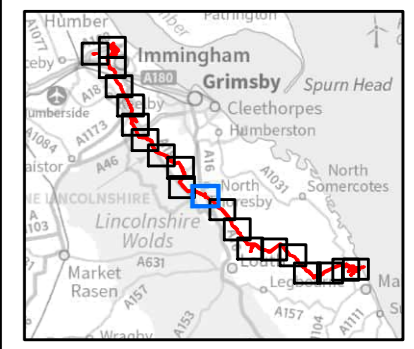
This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

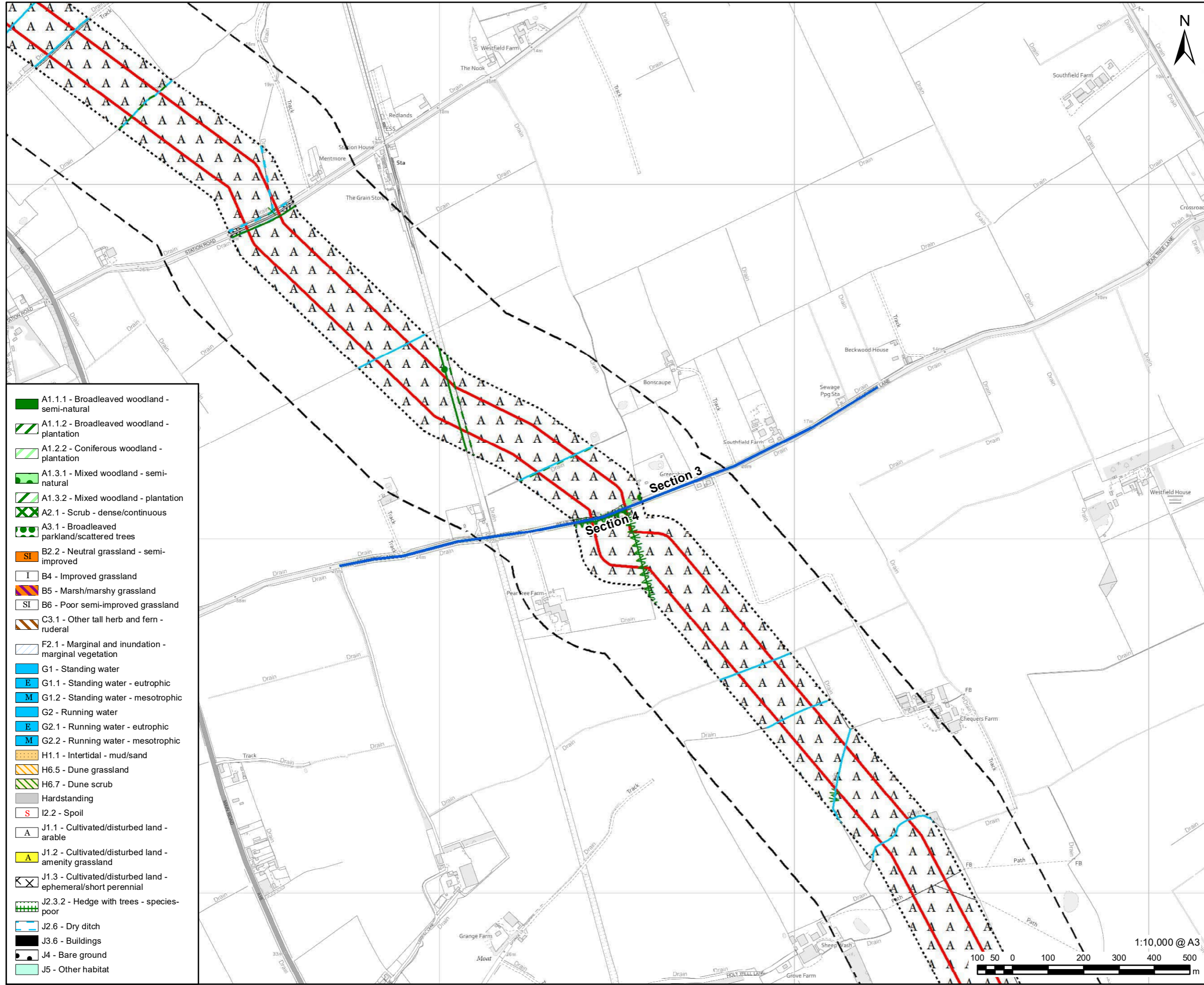


- A1.1.1 - Broadleaved woodland - semi-natural
- A1.1.2 - Broadleaved woodland - plantation
- A1.2.2 - Coniferous woodland - plantation
- A1.3.1 - Mixed woodland - semi-natural
- A1.3.2 - Mixed woodland - plantation
- A2.1 - Scrub - dense/continuous
- A3.1 - Broadleaved parkland/scattered trees
- B2.2 - Neutral grassland - semi-improved
- B4 - Improved grassland
- B5 - Marsh/marshy grassland
- B6 - Poor semi-improved grassland
- C3.1 - Other tall herb and fern - ruderal
- F2.1 - Marginal and inundation - marginal vegetation
- G1 - Standing water
- E G1.1 - Standing water - eutrophic
- M G1.2 - Standing water - mesotrophic
- G2 - Running water
- E G2.1 - Running water - eutrophic
- M G2.2 - Running water - mesotrophic
- H1.1 - Intertidal - mud/sand
- H6.5 - Dune grassland
- H6.7 - Dune scrub
- Hardstanding
- I2.2 - Spoil
- A J1.1 - Cultivated/disturbed land - arable
- A J1.2 - Cultivated/disturbed land - amenity grassland
- J1.3 - Cultivated/disturbed land - ephemeral/short perennial
- J2.3.2 - Hedge with trees - species-poor
- J2.6 - Dry ditch
- J3.6 - Buildings
- J4 - Bare ground
- J5 - Other habitat

- LEGEND**
- DCO Site Boundary
 - Survey Area (DCO Site Boundary and 50m buffer)
 - 250m Study Area
 - A2.2 - Scrub - scattered
 - A3.1 - Broadleaved parkland/scattered trees
 - A2.2 - Scrub - scattered
 - A3.1 - Broadleaved parkland/scattered trees
 - A3.3 - Mixed parkland/scattered trees
 - G2 - Running water
 - G2.1 - Running water - eutrophic
 - G2.2 - Running water - mesotrophic
 - J2.1.1 - Intact hedge - native species-rich
 - J2.1.2 - Intact hedge - species-poor
 - J2.2.1 - Defunct hedge - native species-rich
 - J2.2.2 - Defunct hedge - species-poor
 - J2.3.1 - Hedge with trees - native species-rich
 - J2.3.2 - Hedge with trees - species-poor
 - J2.4 - Fence
 - J2.6 - Dry ditch
 - J2.7 - Boundary removed

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0.





- A1.1.1 - Broadleaved woodland - semi-natural
- A1.1.2 - Broadleaved woodland - plantation
- A1.2.2 - Coniferous woodland - plantation
- A1.3.1 - Mixed woodland - semi-natural
- A1.3.2 - Mixed woodland - plantation
- A2.1 - Scrub - dense/continuous
- A3.1 - Broadleaved parkland/scattered trees
- B2.2 - Neutral grassland - semi-improved
- B4 - Improved grassland
- B5 - Marsh/marshy grassland
- B6 - Poor semi-improved grassland
- C3.1 - Other tall herb and fern - ruderal
- F2.1 - Marginal and inundation - marginal vegetation
- G1 - Standing water
- G1.1 - Standing water - eutrophic
- G1.2 - Standing water - mesotrophic
- G2 - Running water
- G2.1 - Running water - eutrophic
- G2.2 - Running water - mesotrophic
- H1.1 - Intertidal - mud/sand
- H6.5 - Dune grassland
- H6.7 - Dune scrub
- Hardstanding
- I2.2 - Spoil
- J1.1 - Cultivated/disturbed land - arable
- J1.2 - Cultivated/disturbed land - amenity grassland
- J1.3 - Cultivated/disturbed land - ephemeral/short perennial
- J2.3.2 - Hedge with trees - species-poor
- J2.6 - Dry ditch
- J3.6 - Buildings
- J4 - Bare ground
- J5 - Other habitat

- LEGEND**
- DCO Site Boundary
 - Route Section Break
 - Survey Area (DCO Site Boundary and 50m buffer)
 - 250m Study Area
 - A2.2 - Scrub - scattered
 - A3.1 - Broadleaved parkland/scattered trees
 - A2.2 - Scrub - scattered
 - A3.1 - Broadleaved parkland/scattered trees
 - A3.3 - Mixed parkland/scattered trees
 - G2 - Running water
 - G2.1 - Running water - eutrophic
 - G2.2 - Running water - mesotrophic
 - J2.1.1 - Intact hedge - native species-rich
 - J2.1.2 - Intact hedge - species-poor
 - J2.2.1 - Defunct hedge - native species-rich
 - J2.2.2 - Defunct hedge - species-poor
 - J2.3.1 - Hedge with trees - native species-rich
 - J2.3.2 - Hedge with trees - species-poor
 - J2.4 - Fence
 - J2.6 - Dry ditch
 - J2.7 - Boundary removed

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0.

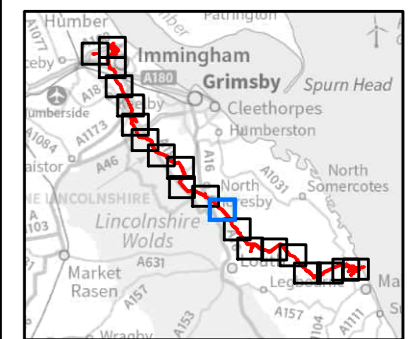
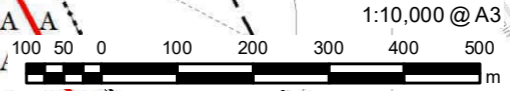
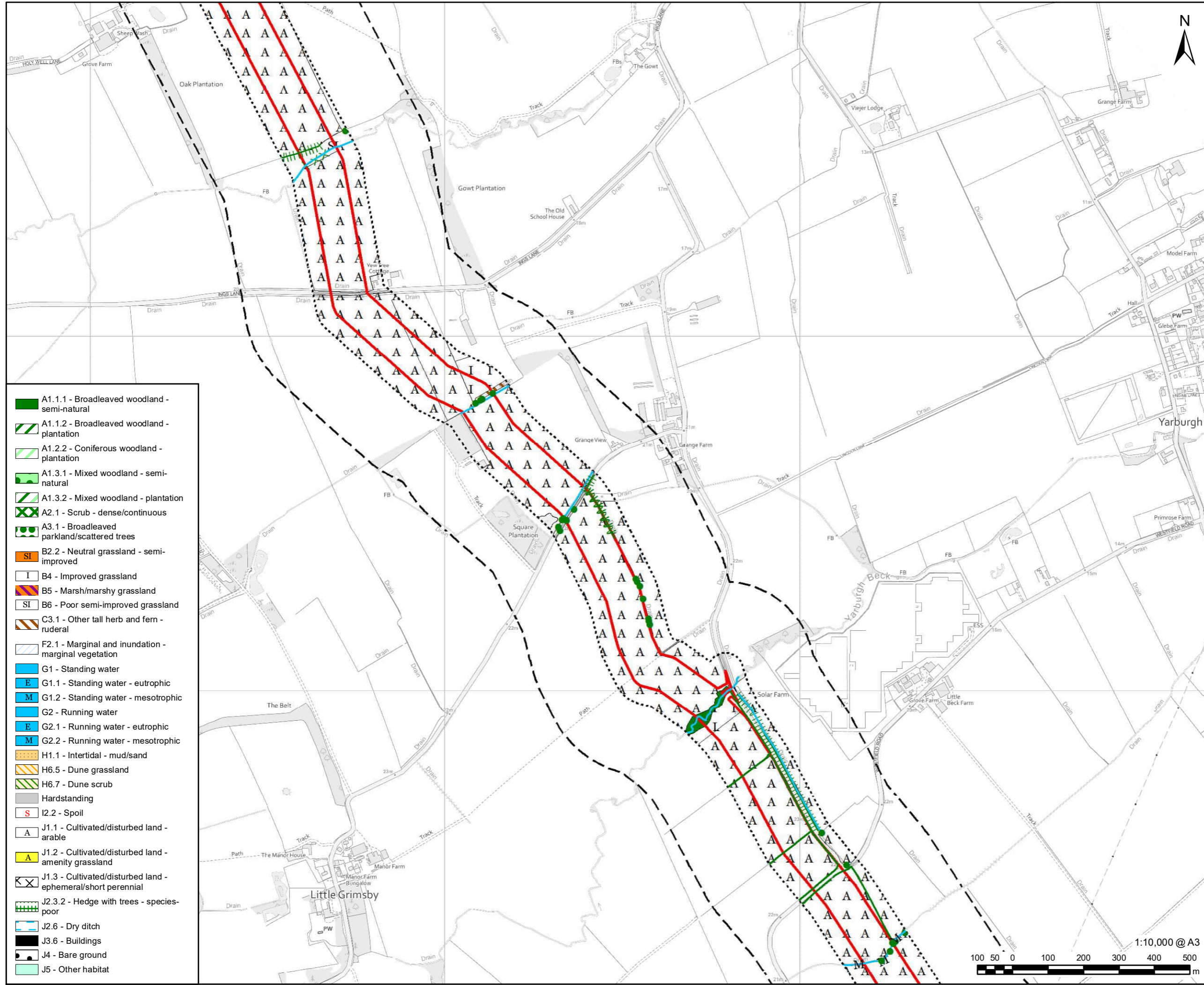


FIGURE TITLE
Figure 6-3 (12 of 20)
Phase 1 Habitat Survey

ISSUE PURPOSE
 ENVIRONMENTAL STATEMENT
 PROJECT NUMBER / REFERENCE
 60668955 / VCCS_230914_ES_6-3

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

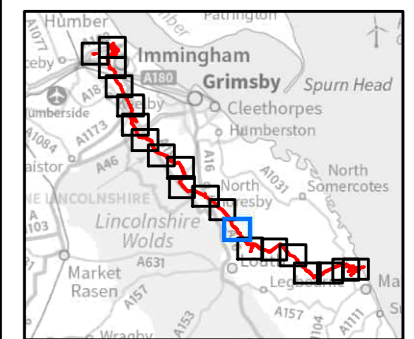




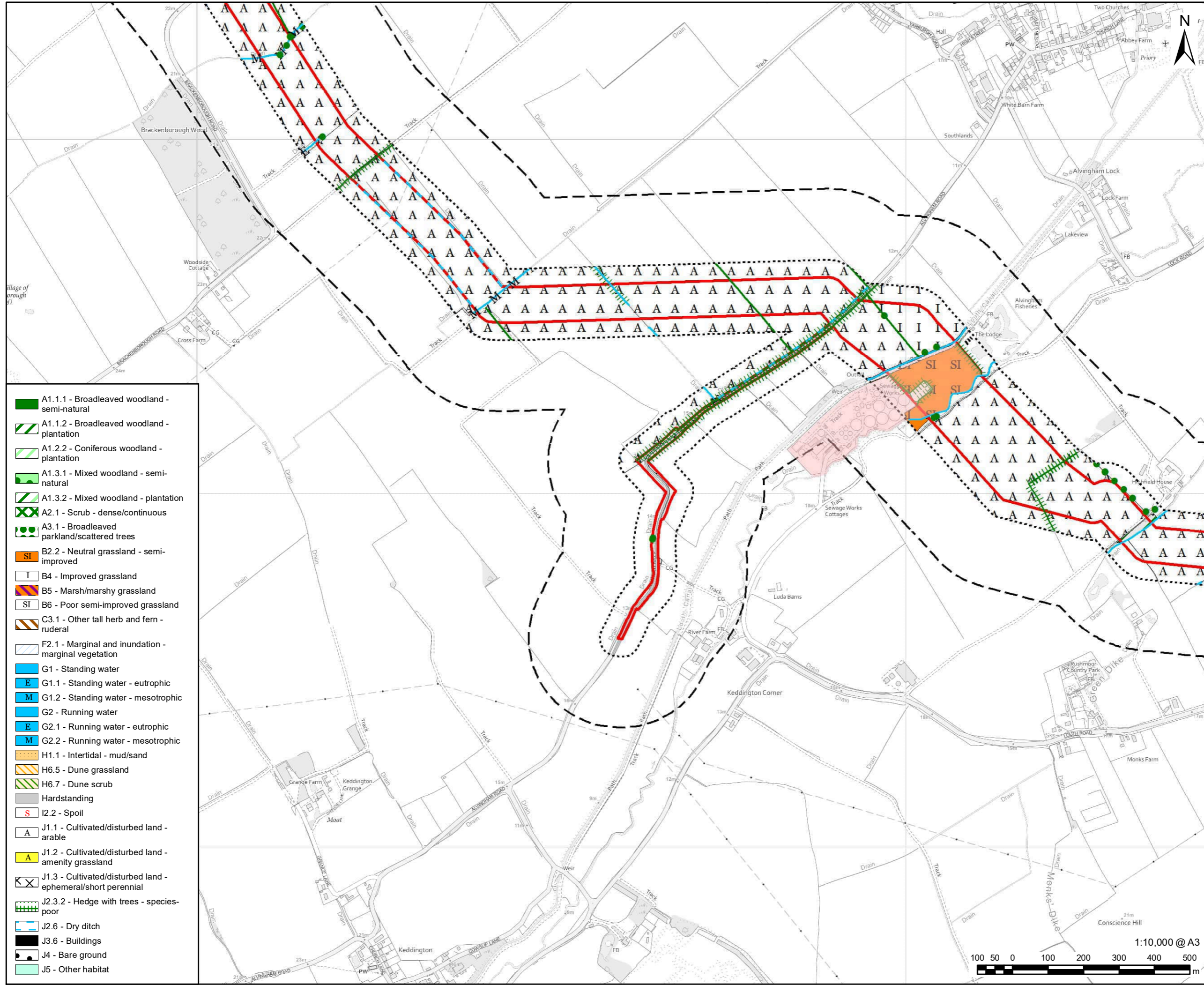
- A1.1.1 - Broadleaved woodland - semi-natural
- A1.1.2 - Broadleaved woodland - plantation
- A1.2.2 - Coniferous woodland - plantation
- A1.3.1 - Mixed woodland - semi-natural
- A1.3.2 - Mixed woodland - plantation
- A2.1 - Scrub - dense/continuous
- A3.1 - Broadleaved parkland/scattered trees
- B2.2 - Neutral grassland - semi-improved
- B4 - Improved grassland
- B5 - Marsh/marshy grassland
- B6 - Poor semi-improved grassland
- C3.1 - Other tall herb and fern - ruderal
- F2.1 - Marginal and inundation - marginal vegetation
- G1 - Standing water
- E G1.1 - Standing water - eutrophic
- M G1.2 - Standing water - mesotrophic
- G2 - Running water
- E G2.1 - Running water - eutrophic
- M G2.2 - Running water - mesotrophic
- H1.1 - Intertidal - mud/sand
- H6.5 - Dune grassland
- H6.7 - Dune scrub
- Hardstanding
- I2.2 - Spoil
- J1.1 - Cultivated/disturbed land - arable
- J1.2 - Cultivated/disturbed land - amenity grassland
- J1.3 - Cultivated/disturbed land - ephemeral/short perennial
- J2.3.2 - Hedge with trees - species-poor
- J2.6 - Dry ditch
- J3.6 - Buildings
- J4 - Bare ground
- J5 - Other habitat

- LEGEND**
- DCO Site Boundary
 - Survey Area (DCO Site Boundary and 50m buffer)
 - 250m Study Area
 - A2.2 - Scrub - scattered
 - A3.1 - Broadleaved parkland/scattered trees
 - A2.2 - Scrub - scattered
 - A3.1 - Broadleaved parkland/scattered trees
 - A3.3 - Mixed parkland/scattered trees
 - G2 - Running water
 - E G2.1 - Running water - eutrophic
 - M G2.2 - Running water - mesotrophic
 - J2.1.1 - Intact hedge - native species-rich
 - J2.1.2 - Intact hedge - species-poor
 - J2.2.1 - Defunct hedge - native species-rich
 - J2.2.2 - Defunct hedge - species-poor
 - J2.3.1 - Hedge with trees - native species-rich
 - J2.3.2 - Hedge with trees - species-poor
 - J2.4 - Fence
 - J2.6 - Dry ditch
 - J2.7 - Boundary removed

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0.



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



- A1.1.1 - Broadleaved woodland - semi-natural
- A1.1.2 - Broadleaved woodland - plantation
- A1.2.2 - Coniferous woodland - plantation
- A1.3.1 - Mixed woodland - semi-natural
- A1.3.2 - Mixed woodland - plantation
- A2.1 - Scrub - dense/continuous
- A3.1 - Broadleaved parkland/scattered trees
- B2.2 - Neutral grassland - semi-improved
- B4 - Improved grassland
- B5 - Marsh/marshy grassland
- B6 - Poor semi-improved grassland
- C3.1 - Other tall herb and fern - ruderal
- F2.1 - Marginal and inundation - marginal vegetation
- G1 - Standing water
- E G1.1 - Standing water - eutrophic
- M G1.2 - Standing water - mesotrophic
- G2 - Running water
- E G2.1 - Running water - eutrophic
- M G2.2 - Running water - mesotrophic
- H1.1 - Intertidal - mud/sand
- H6.5 - Dune grassland
- H6.7 - Dune scrub
- Hardstanding
- I2.2 - Spoil
- A J1.1 - Cultivated/disturbed land - arable
- A J1.2 - Cultivated/disturbed land - amenity grassland
- X J1.3 - Cultivated/disturbed land - ephemeral/short perennial
- J2.3.2 - Hedge with trees - species-poor
- J2.6 - Dry ditch
- J3.6 - Buildings
- J4 - Bare ground
- J5 - Other habitat

- LEGEND**
- DCO Site Boundary
 - Survey Area (DCO Site Boundary and 50m buffer)
 - 250m Study Area
 - Area inaccessible
 - X A2.2 - Scrub - scattered
 - A3.1 - Broadleaved parkland/scattered trees
 - X X X A2.2 - Scrub - scattered
 - A3.1 - Broadleaved parkland/scattered trees
 - A3.3 - Mixed parkland/scattered trees
 - G2 - Running water
 - E G2.1 - Running water - eutrophic
 - M G2.2 - Running water - mesotrophic
 - J2.1.1 - Intact hedge - native species-rich
 - J2.1.2 - Intact hedge - species-poor
 - J2.2.1 - Defunct hedge - native species-rich
 - J2.2.2 - Defunct hedge - species-poor
 - J2.3.1 - Hedge with trees - native species-rich
 - J2.3.2 - Hedge with trees - species-poor
 - J2.4 - Fence
 - J2.6 - Dry ditch
 - X X X J2.7 - Boundary removed

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0.

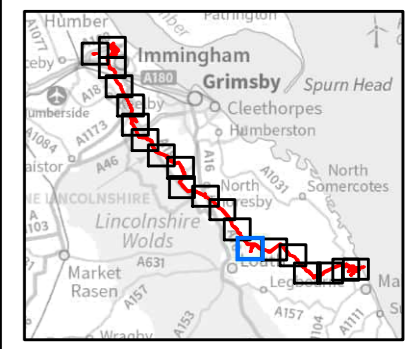
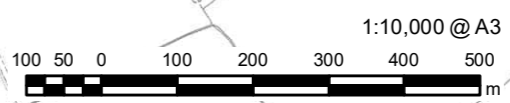
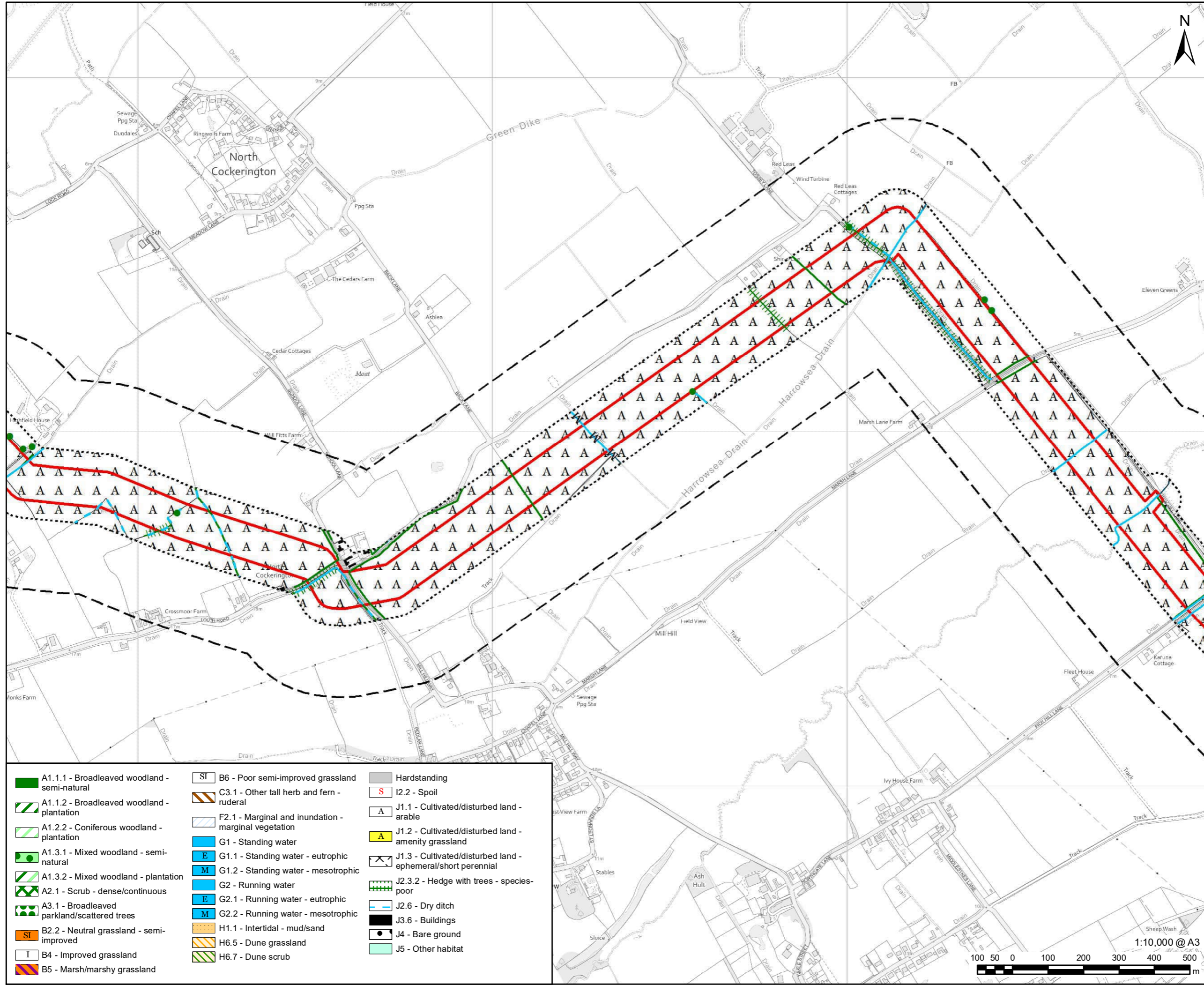


FIGURE TITLE
Figure 6-3 (14 of 20)
Phase 1 Habitat Survey

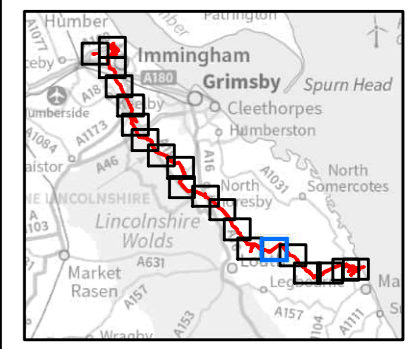
ISSUE PURPOSE
 ENVIRONMENTAL STATEMENT
PROJECT NUMBER / REFERENCE
 60668955 / VCCS_230914_ES_6-3



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. All measurements must be obtained from the stated dimensions.



NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0.



■ A1.1.1 - Broadleaved woodland - semi-natural	SI B6 - Poor semi-improved grassland	 Hardstanding
■ A1.1.2 - Broadleaved woodland - plantation	C3.1 C3.1 - Other tall herb and fern - ruderal	S I2.2 - Spoil
■ A1.2.2 - Coniferous woodland - plantation	F2.1 F2.1 - Marginal and inundation - marginal vegetation	A J1.1 - Cultivated/disturbed land - arable
■ A1.3.1 - Mixed woodland - semi-natural	G1 G1 - Standing water	A J1.2 - Cultivated/disturbed land - amenity grassland
■ A1.3.2 - Mixed woodland - plantation	E G1.1 - Standing water - eutrophic	X J1.3 - Cultivated/disturbed land - ephemeral/short perennial
■ A2.1 - Scrub - dense/continuous	M G1.2 - Standing water - mesotrophic	~ J2.3.2 - Hedge with trees - species-poor
■ A3.1 - Broadleaved parkland/scattered trees	G2 G2 - Running water	— J2.6 - Dry ditch
SI B2.2 - Neutral grassland - semi-improved	E G2.1 - Running water - eutrophic	 J3.6 - Buildings
I B4 - Improved grassland	M G2.2 - Running water - mesotrophic	● J4 - Bare ground
■ B5 - Marsh/marshy grassland	H1.1 H1.1 - Intertidal - mud/sand	 J5 - Other habitat
	H6.5 H6.5 - Dune grassland	
	H6.7 H6.7 - Dune scrub	

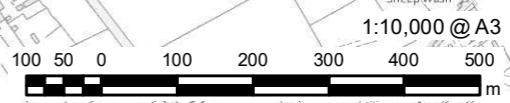
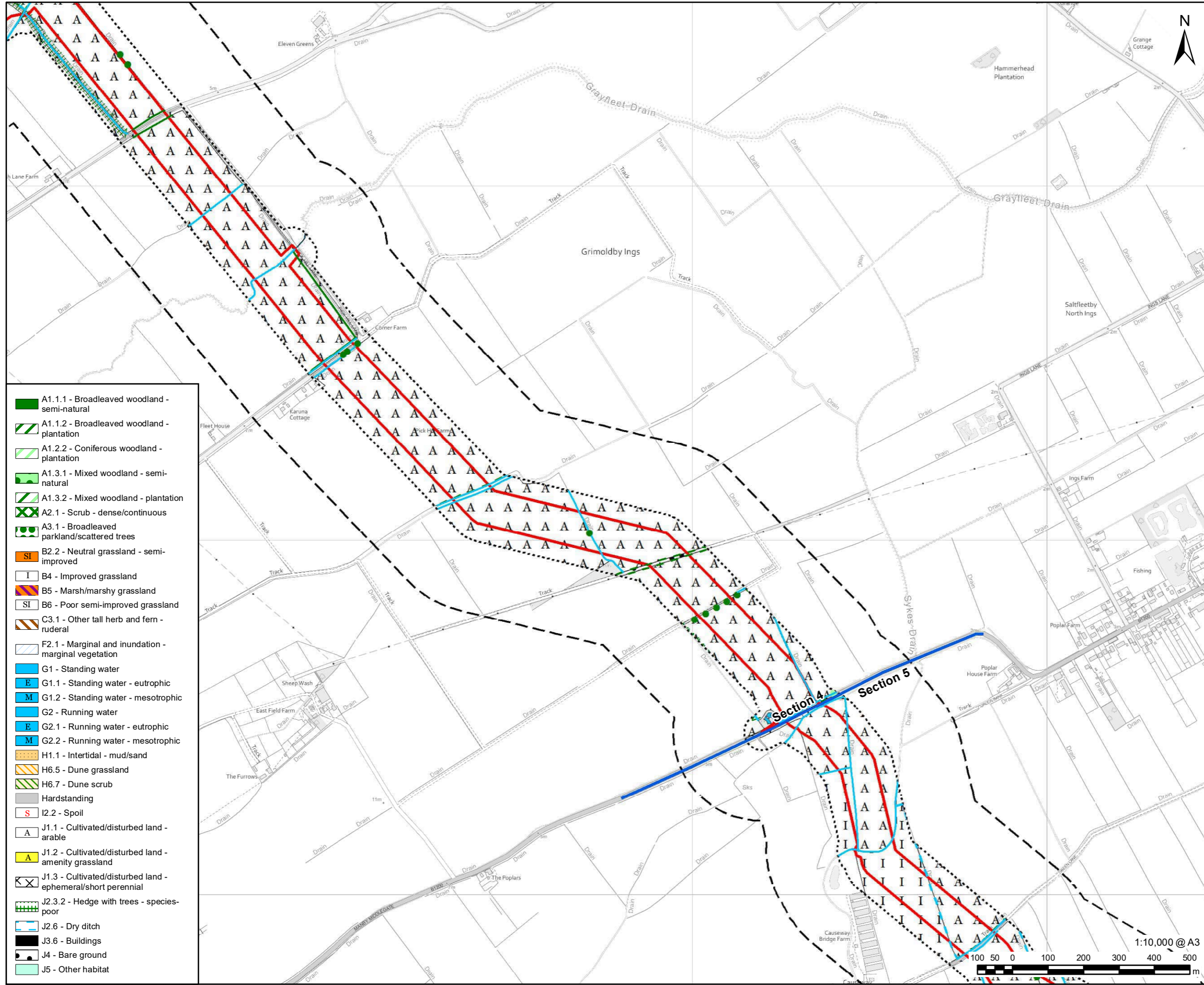


FIGURE TITLE
Figure 6-3 (15 of 20)
Phase 1 Habitat Survey

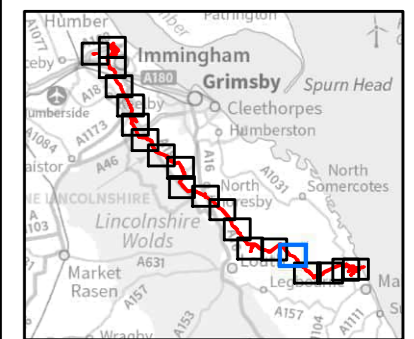


	A1.1.1 - Broadleaved woodland - semi-natural
	A1.1.2 - Broadleaved woodland - plantation
	A1.2.2 - Coniferous woodland - plantation
	A1.3.1 - Mixed woodland - semi-natural
	A1.3.2 - Mixed woodland - plantation
	A2.1 - Scrub - dense/continuous
	A3.1 - Broadleaved parkland/scattered trees
	B2.2 - Neutral grassland - semi-improved
	B4 - Improved grassland
	B5 - Marsh/marshy grassland
	B6 - Poor semi-improved grassland
	C3.1 - Other tall herb and fern - ruderal
	F2.1 - Marginal and inundation - marginal vegetation
	G1 - Standing water
	G1.1 - Standing water - eutrophic
	G1.2 - Standing water - mesotrophic
	G2 - Running water
	G2.1 - Running water - eutrophic
	G2.2 - Running water - mesotrophic
	H1.1 - Intertidal - mud/sand
	H6.5 - Dune grassland
	H6.7 - Dune scrub
	Hardstanding
	I2.2 - Spoil
	J1.1 - Cultivated/disturbed land - arable
	J1.2 - Cultivated/disturbed land - amenity grassland
	J1.3 - Cultivated/disturbed land - ephemeral/short perennial
	J2.3.2 - Hedge with trees - species-poor
	J2.6 - Dry ditch
	J3.6 - Buildings
	J4 - Bare ground
	J5 - Other habitat

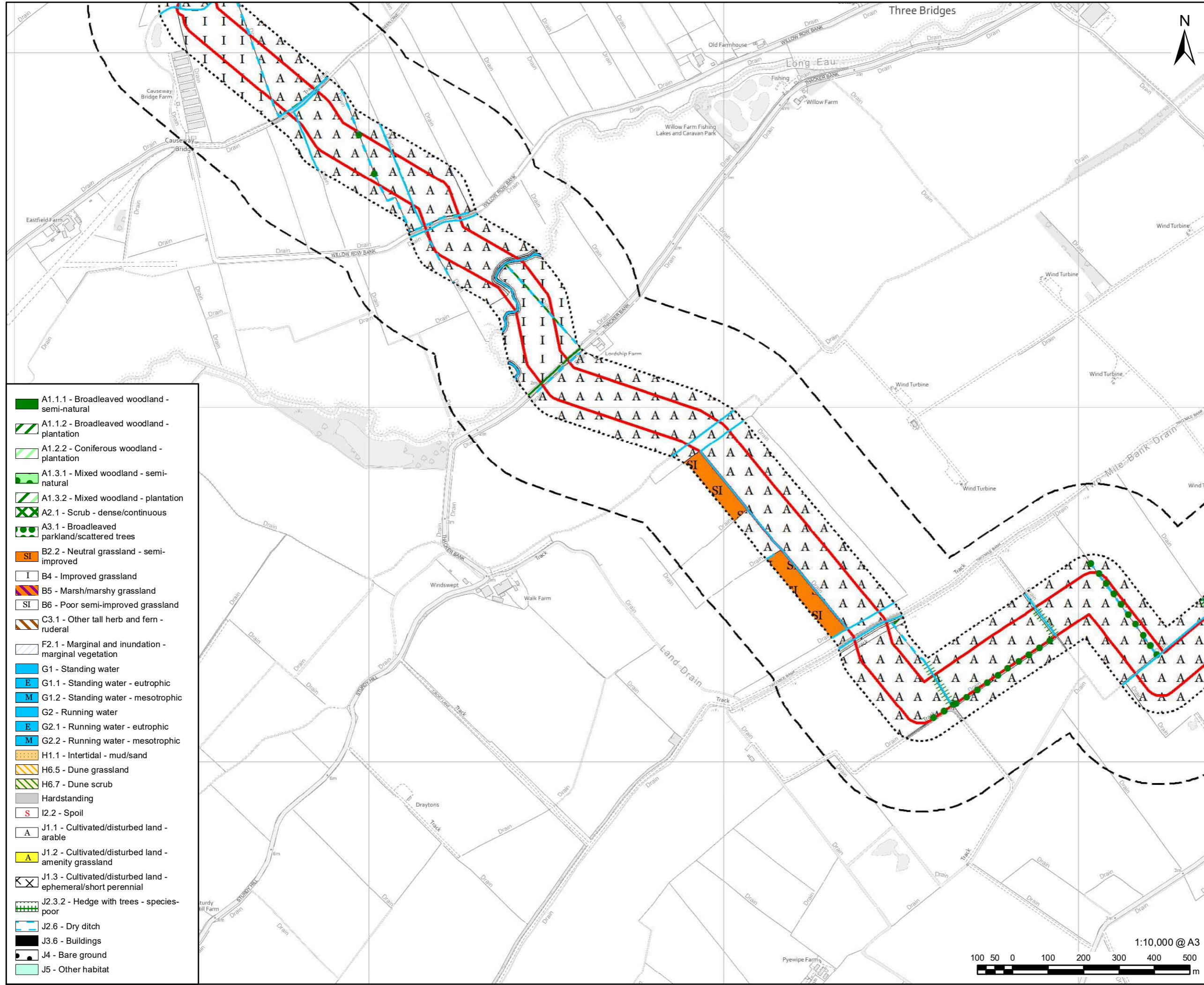
LEGEND

	DCO Site Boundary
	Route Section Break
	Survey Area (DCO Site Boundary and 50m buffer)
	250m Study Area
	A2.2 - Scrub - scattered
	A3.1 - Broadleaved parkland/scattered trees
	A2.2 - Scrub - scattered
	A3.1 - Broadleaved parkland/scattered trees
	A3.3 - Mixed parkland/scattered trees
	G2 - Running water
	G2.1 - Running water - eutrophic
	G2.2 - Running water - mesotrophic
	J2.1.1 - Intact hedge - native species-rich
	J2.1.2 - Intact hedge - species-poor
	J2.2.1 - Defunct hedge - native species-rich
	J2.2.2 - Defunct hedge - species-poor
	J2.3.1 - Hedge with trees - native species-rich
	J2.3.2 - Hedge with trees - species-poor
	J2.4 - Fence
	J2.6 - Dry ditch
	J2.7 - Boundary removed

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0.



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

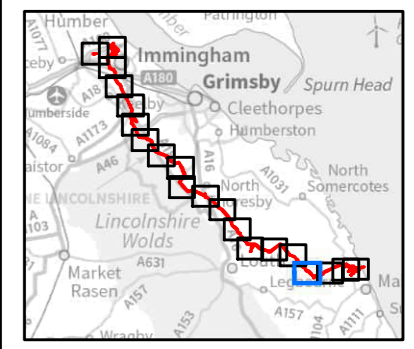


	A1.1.1 - Broadleaved woodland - semi-natural
	A1.1.2 - Broadleaved woodland - plantation
	A1.2.2 - Coniferous woodland - plantation
	A1.3.1 - Mixed woodland - semi-natural
	A1.3.2 - Mixed woodland - plantation
	A2.1 - Scrub - dense/continuous
	A3.1 - Broadleaved parkland/scattered trees
	B2.2 - Neutral grassland - semi-improved
	B4 - Improved grassland
	B5 - Marsh/marshy grassland
	B6 - Poor semi-improved grassland
	C3.1 - Other tall herb and fern - ruderal
	F2.1 - Marginal and inundation - marginal vegetation
	G1 - Standing water
	G1.1 - Standing water - eutrophic
	G1.2 - Standing water - mesotrophic
	G2 - Running water
	G2.1 - Running water - eutrophic
	G2.2 - Running water - mesotrophic
	H1.1 - Intertidal - mud/sand
	H6.5 - Dune grassland
	H6.7 - Dune scrub
	Hardstanding
	I2.2 - Spoil
	J1.1 - Cultivated/disturbed land - arable
	J1.2 - Cultivated/disturbed land - amenity grassland
	J1.3 - Cultivated/disturbed land - ephemeral/short perennial
	J2.3.2 - Hedge with trees - species-poor
	J2.6 - Dry ditch
	J3.6 - Buildings
	J4 - Bare ground
	J5 - Other habitat

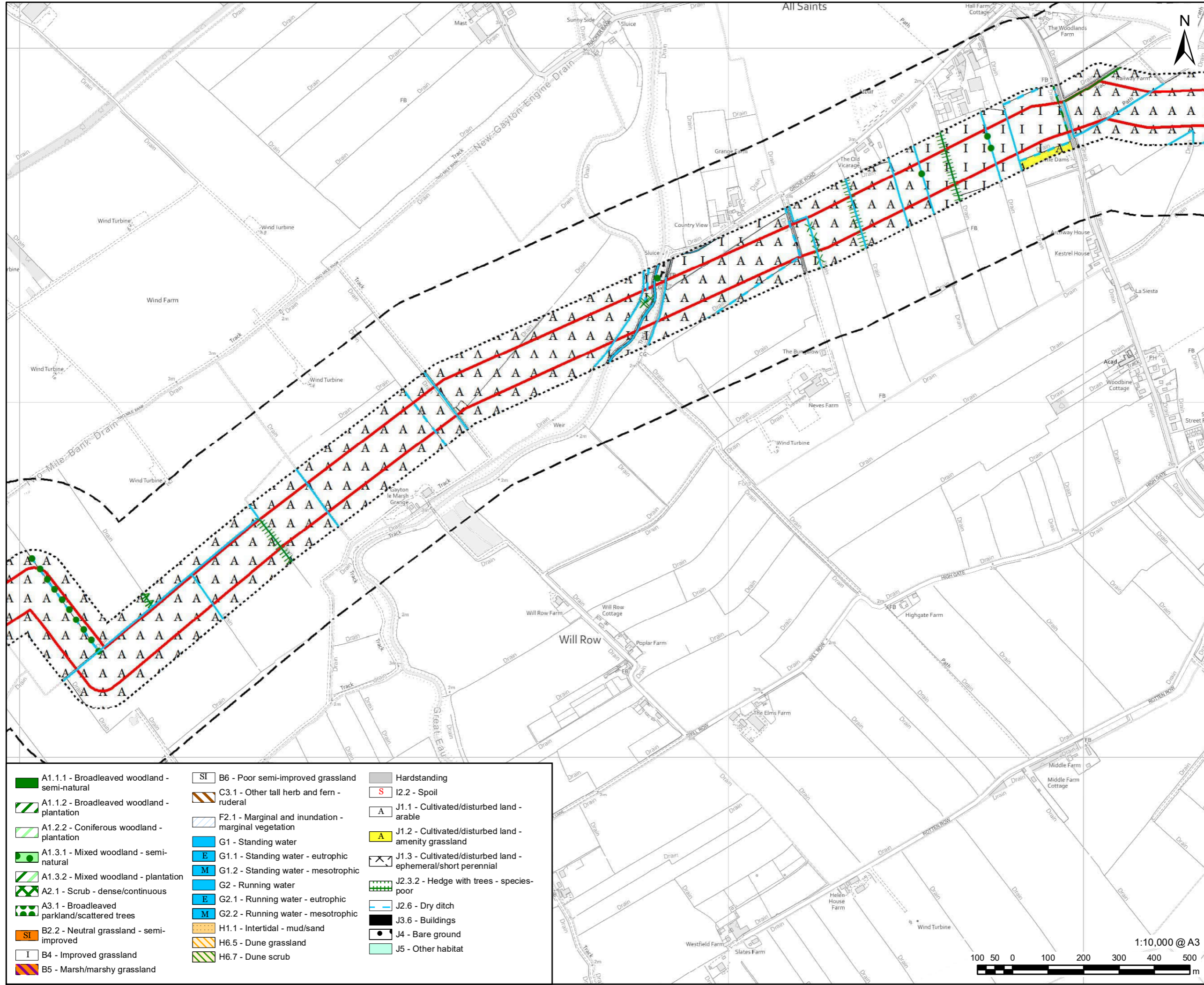
LEGEND

	DCO Site Boundary
	Survey Area (DCO Site Boundary and 50m buffer)
	250m Study Area
	A2.2 - Scrub - scattered
	A3.1 - Broadleaved parkland/scattered trees
	A2.2 - Scrub - scattered
	A3.1 - Broadleaved parkland/scattered trees
	A3.3 - Mixed parkland/scattered trees
	G2 - Running water
	G2.1 - Running water - eutrophic
	G2.2 - Running water - mesotrophic
	J2.1.1 - Intact hedge - native species-rich
	J2.2.1 - Defunct hedge - native species-rich
	J2.2.2 - Defunct hedge - species-poor
	J2.3.1 - Hedge with trees - native species-rich
	J2.3.2 - Hedge with trees - species-poor
	J2.4 - Fence
	J2.6 - Dry ditch
	J2.7 - Boundary removed

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0.



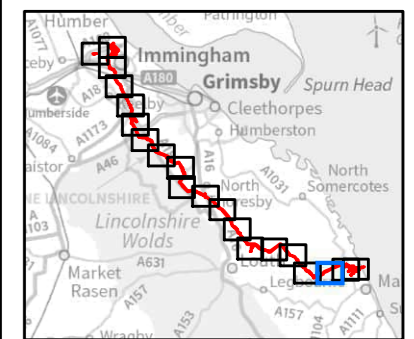
This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



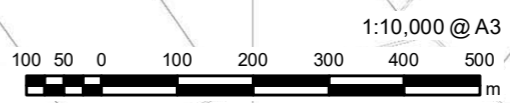
LEGEND

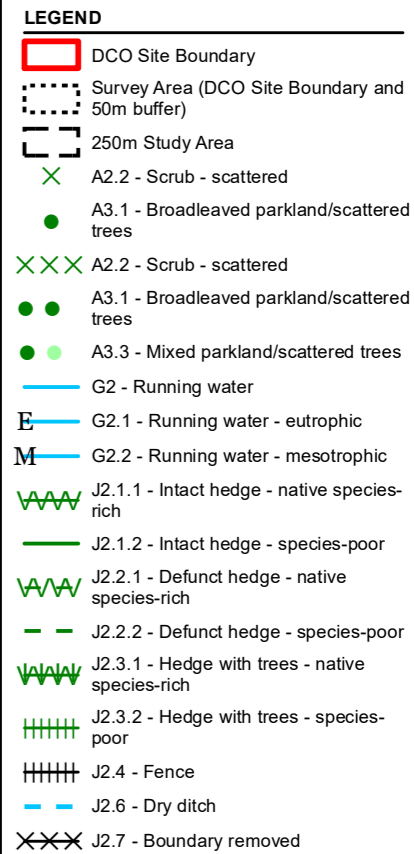
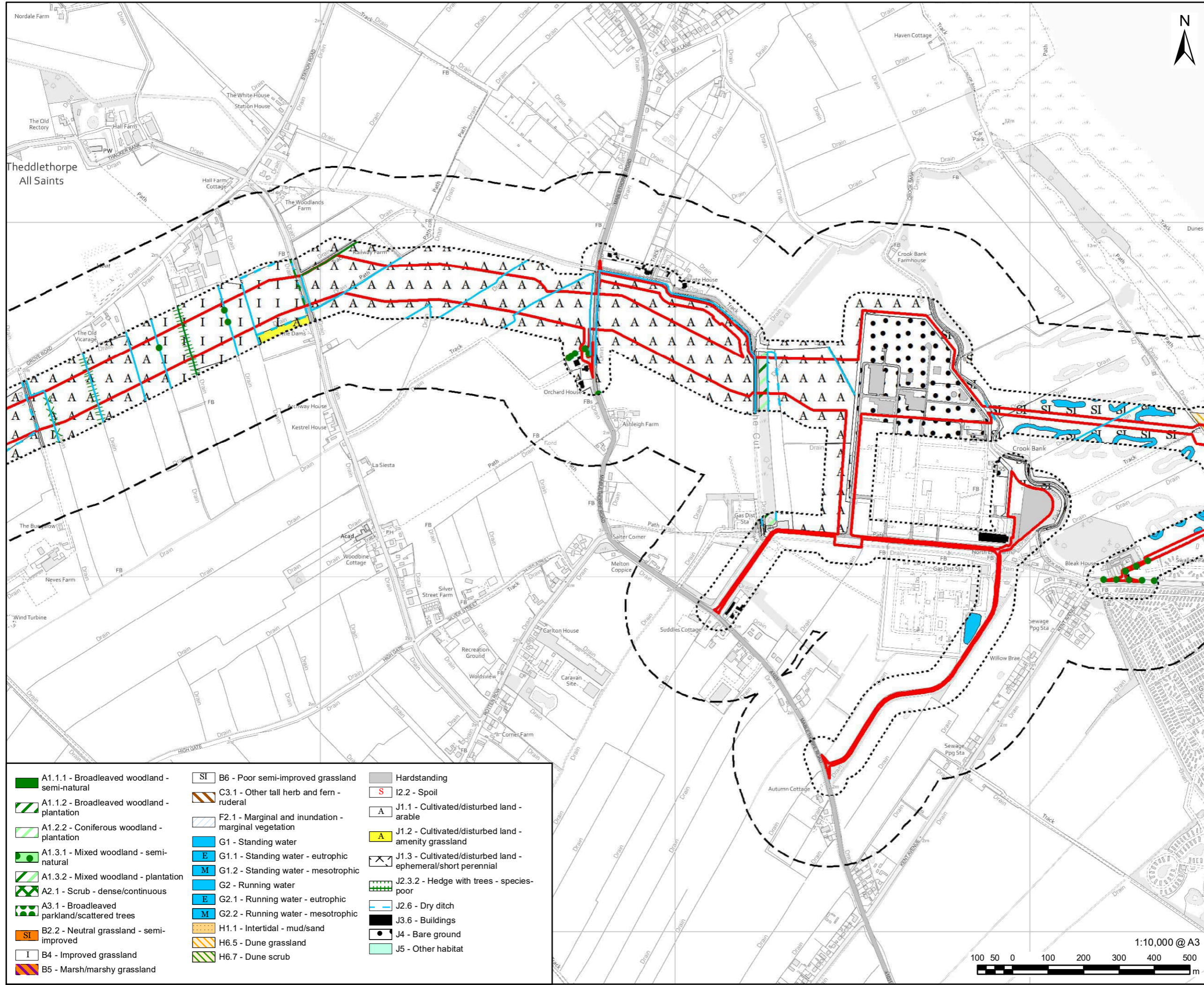
- DCO Site Boundary
- Survey Area (DCO Site Boundary and 50m buffer)
- 250m Study Area
- X A2.2 - Scrub - scattered
- A3.1 - Broadleaved parkland/scattered trees
- X A2.2 - Scrub - scattered
- A3.1 - Broadleaved parkland/scattered trees
- A3.3 - Mixed parkland/scattered trees
- G2 - Running water
- G2.1 - Running water - eutrophic
- G2.2 - Running water - mesotrophic
- ~ J2.1.1 - Intact hedge - native species-rich
- ~ J2.1.2 - Intact hedge - species-poor
- ~ J2.2.1 - Defunct hedge - native species-rich
- ~ J2.2.2 - Defunct hedge - species-poor
- ~ J2.3.1 - Hedge with trees - native species-rich
- ~ J2.3.2 - Hedge with trees - species-poor
- ||||| J2.4 - Fence
- - - J2.6 - Dry ditch
- X J2.7 - Boundary removed

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0.



■ A1.1.1 - Broadleaved woodland - semi-natural	SI B6 - Poor semi-improved grassland	 Hardstanding
■ A1.1.2 - Broadleaved woodland - plantation	C3.1 C3.1 - Other tall herb and fern - ruderal	S I2.2 - Spoil
■ A1.2.2 - Coniferous woodland - plantation	F2.1 F2.1 - Marginal and inundation - marginal vegetation	A J1.1 - Cultivated/disturbed land - arable
■ A1.3.1 - Mixed woodland - semi-natural	■ G1 - Standing water	A J1.2 - Cultivated/disturbed land - amenity grassland
■ A1.3.2 - Mixed woodland - plantation	■ G1.1 - Standing water - eutrophic	X J1.3 - Cultivated/disturbed land - ephemeral/short perennial
■ A2.1 - Scrub - dense/continuous	■ G1.2 - Standing water - mesotrophic	~ J2.3.2 - Hedge with trees - species-poor
■ A3.1 - Broadleaved parkland/scattered trees	■ G2 - Running water	- - - J2.6 - Dry ditch
SI B2.2 - Neutral grassland - semi-improved	■ G2.1 - Running water - eutrophic	 J3.6 - Buildings
I B4 - Improved grassland	■ G2.2 - Running water - mesotrophic	● J4 - Bare ground
■ B5 - Marsh/marshy grassland	 H1.1 - Intertidal - mud/sand	 J5 - Other habitat
	 H6.5 - Dune grassland	
	 H6.7 - Dune scrub	





NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0.

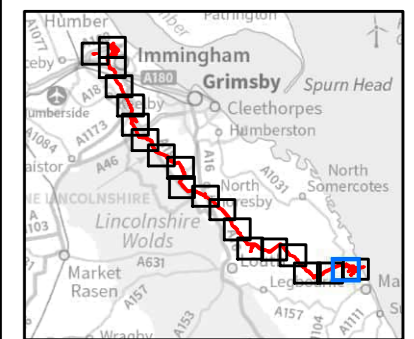
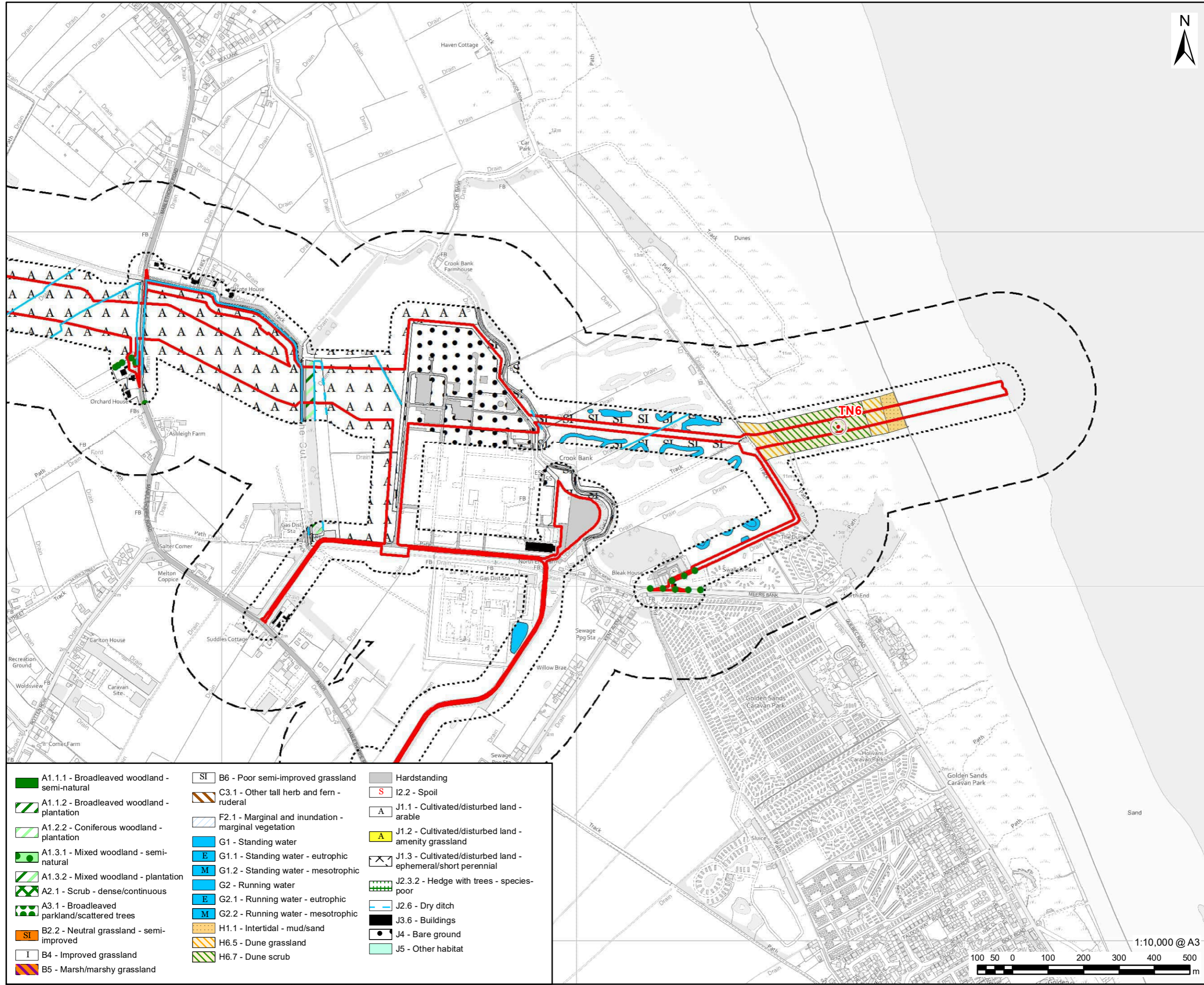


FIGURE TITLE
Figure 6-3 (19 of 20)
Phase 1 Habitat Survey

■ A1.1.1 - Broadleaved woodland - semi-natural	SI B6 - Poor semi-improved grassland	 Hardstanding
■ A1.1.2 - Broadleaved woodland - plantation	C3.1 C3.1 - Other tall herb and fern - ruderal	S I2.2 - Spoil
■ A1.2.2 - Coniferous woodland - plantation	F2.1 F2.1 - Marginal and inundation - marginal vegetation	A J1.1 - Cultivated/disturbed land - arable
■ A1.3.1 - Mixed woodland - semi-natural	G1 G1 - Standing water	A J1.2 - Cultivated/disturbed land - amenity grassland
■ A1.3.2 - Mixed woodland - plantation	E G1.1 - Standing water - eutrophic	A J1.3 - Cultivated/disturbed land - ephemeral/short perennial
■ A2.1 - Scrub - dense/continuous	M G1.2 - Standing water - mesotrophic	A J2.3.2 - Hedge with trees - species-poor
■ A3.1 - Broadleaved parkland/scattered trees	G2 G2 - Running water	A J2.6 - Dry ditch
SI B2.2 - Neutral grassland - semi-improved	E G2.1 - Running water - eutrophic	 J3.6 - Buildings
I B4 - Improved grassland	M G2.2 - Running water - mesotrophic	● J4 - Bare ground
■ B5 - Marsh/marshy grassland	 H1.1 - Intertidal - mud/sand	 J5 - Other habitat
	 H6.5 - Dune grassland	
	 H6.7 - Dune scrub	





LEGEND

	DCO Site Boundary
	Survey Area (DCO Site Boundary and 50m buffer)
	250m Study Area
	Target Note
	A2.2 - Scrub - scattered
	A3.1 - Broadleaved parkland/scattered trees
	A2.2 - Scrub - scattered
	A3.1 - Broadleaved parkland/scattered trees
	A3.3 - Mixed parkland/scattered trees
	G2 - Running water
	G2.1 - Running water - eutrophic
	G2.2 - Running water - mesotrophic
	J2.1.1 - Intact hedge - native species-rich
	J2.1.2 - Intact hedge - species-poor
	J2.2.1 - Defunct hedge - native species-rich
	J2.2.2 - Defunct hedge - species-poor
	J2.3.1 - Hedge with trees - native species-rich
	J2.3.2 - Hedge with trees - species-poor
	J2.4 - Fence
	J2.6 - Dry ditch
	J2.7 - Boundary removed

	A1.1.1 - Broadleaved woodland - semi-natural		B6 - Poor semi-improved grassland		Hardstanding
	A1.1.2 - Broadleaved woodland - plantation		C3.1 - Other tall herb and fern - ruderal		I2.2 - Spoil
	A1.2.2 - Coniferous woodland - plantation		F2.1 - Marginal and inundation - marginal vegetation		J1.1 - Cultivated/disturbed land - arable
	A1.3.1 - Mixed woodland - semi-natural		G1 - Standing water		J1.2 - Cultivated/disturbed land - amenity grassland
	A1.3.2 - Mixed woodland - plantation		G1.1 - Standing water - eutrophic		J1.3 - Cultivated/disturbed land - ephemeral/short perennial
	A2.1 - Scrub - dense/continuous		G1.2 - Standing water - mesotrophic		J2.3.2 - Hedge with trees - species-poor
	A3.1 - Broadleaved parkland/scattered trees		G2 - Running water		J2.6 - Dry ditch
	B2.2 - Neutral grassland - semi-improved		G2.1 - Running water - eutrophic		J3.6 - Buildings
	B4 - Improved grassland		G2.2 - Running water - mesotrophic		J4 - Bare ground
	B5 - Marsh/marshy grassland		H1.1 - Intertidal - mud/sand		J5 - Other habitat
			H6.5 - Dune grassland		
			H6.7 - Dune scrub		

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0.

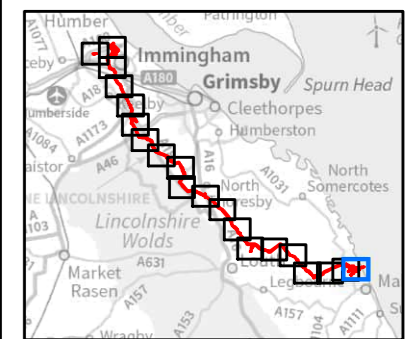
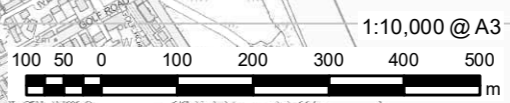
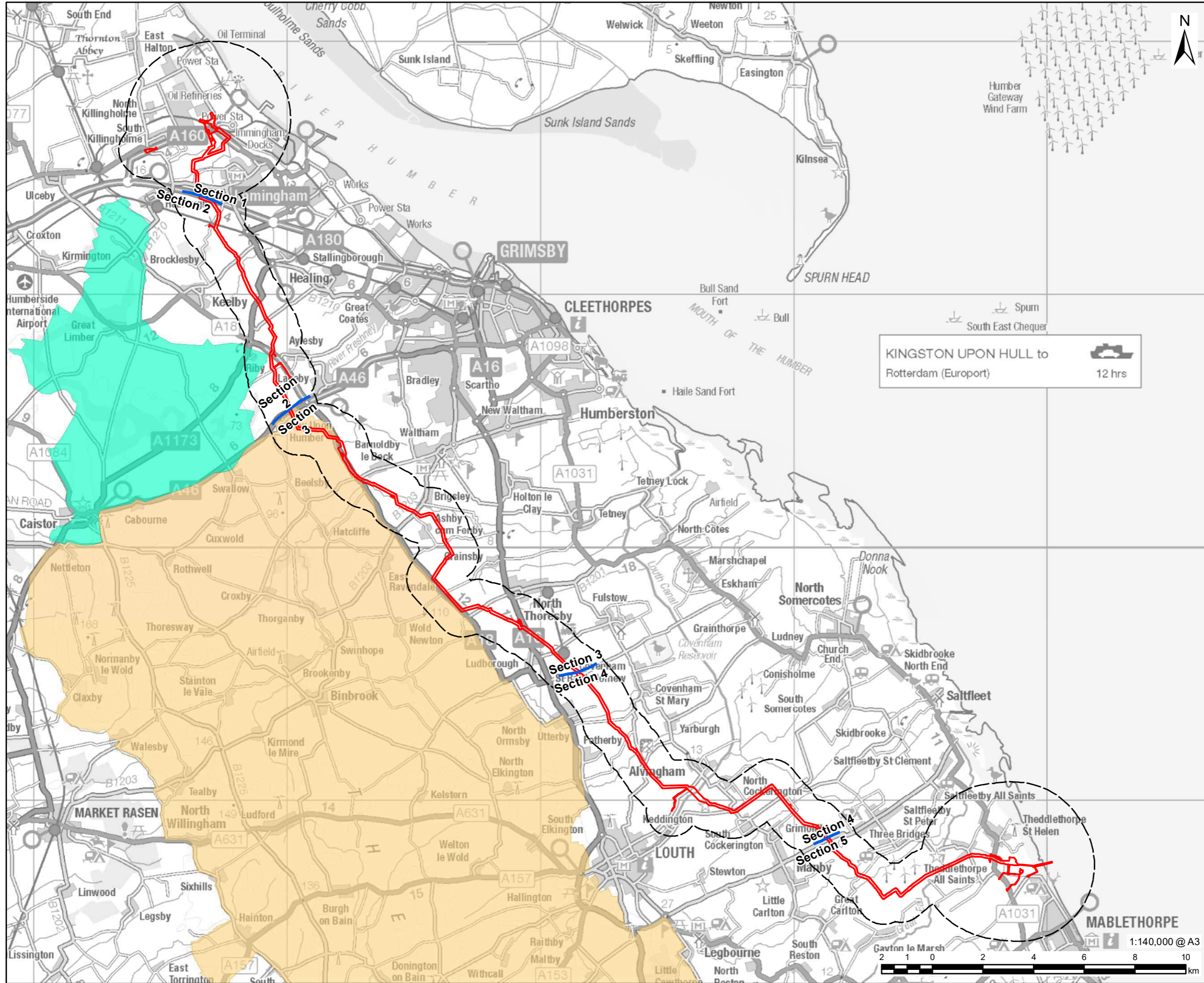


FIGURE TITLE
Figure 6-3 (20 of 20)
Phase 1 Habitat Survey

ISSUE PURPOSE
 ENVIRONMENTAL STATEMENT
PROJECT NUMBER / REFERENCE
 60668955 / VCCS_230914_ES_6-3



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as signed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



VikingCCS

AECOM

PROJECT
Viking CCS Pipeline

LEGEND

- DCO Site Boundary
- Study Area
- Route Section Break
- Area of Great Landscape Value
- Lincolnshire Wolds Area of Outstanding Natural Beauty

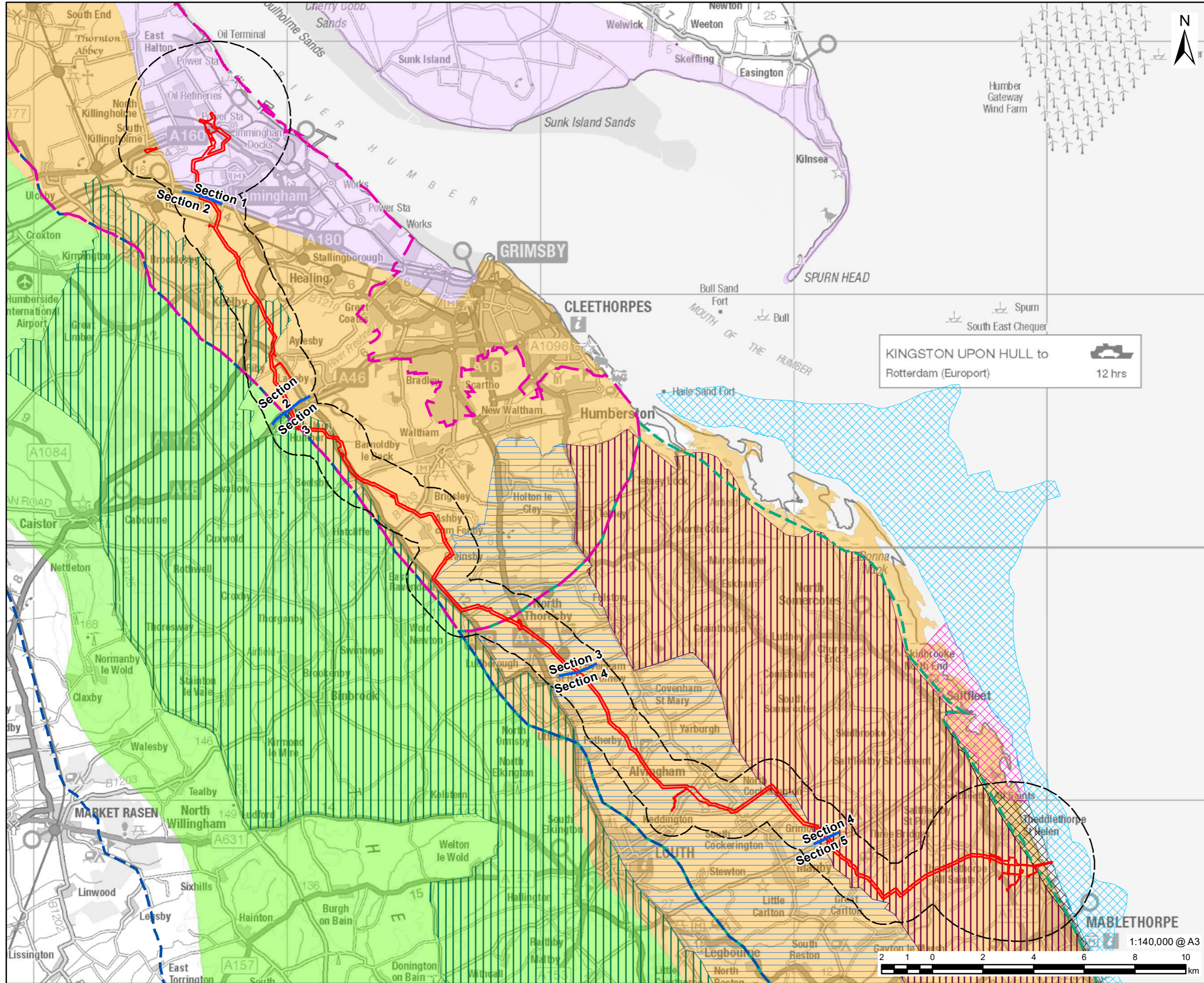
KINGSTON UPON HULL to
Rotterdam (Europort) 12 hrs

NOTES:
Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. © West Lindsey District Council. 2022. © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2023.

FIGURE TITLE
**Figure 7-2
Landscape Designations**

ISSUE PURPOSE
ENVIRONMENTAL STATEMENT
PROJECT NUMBER / REFERENCE
60668955 / VCCS_230914_ES_7-2

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

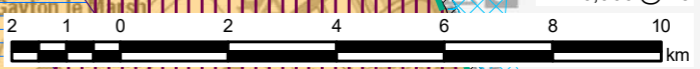


- LEGEND**
- DCO Site Boundary
 - Study Area
 - Route Section Break
 - National Character Area:
 - NCA 41: Humber Estuary
 - NCA 42: Lincolnshire Coast and Marshes
 - NCA 43: Lincolnshire Wolds
 - East Midlands Region Landscape Character Area:
 - 1A: Coastal Saltmarshes and Mudflats
 - 1B: Coastal Dunes, Beach and Intertidal Sand Flats
 - 1C: Shallow Coastal Waters
 - 2A: Settled Fens and Marshes
 - 2C: Fen and Marsh Margin Farmlands
 - 7A: Chalk Wolds
 - Historic Landscape Character Area:
 - The Northern Marshes
 - The Wolds
 - The Grazing Marshes

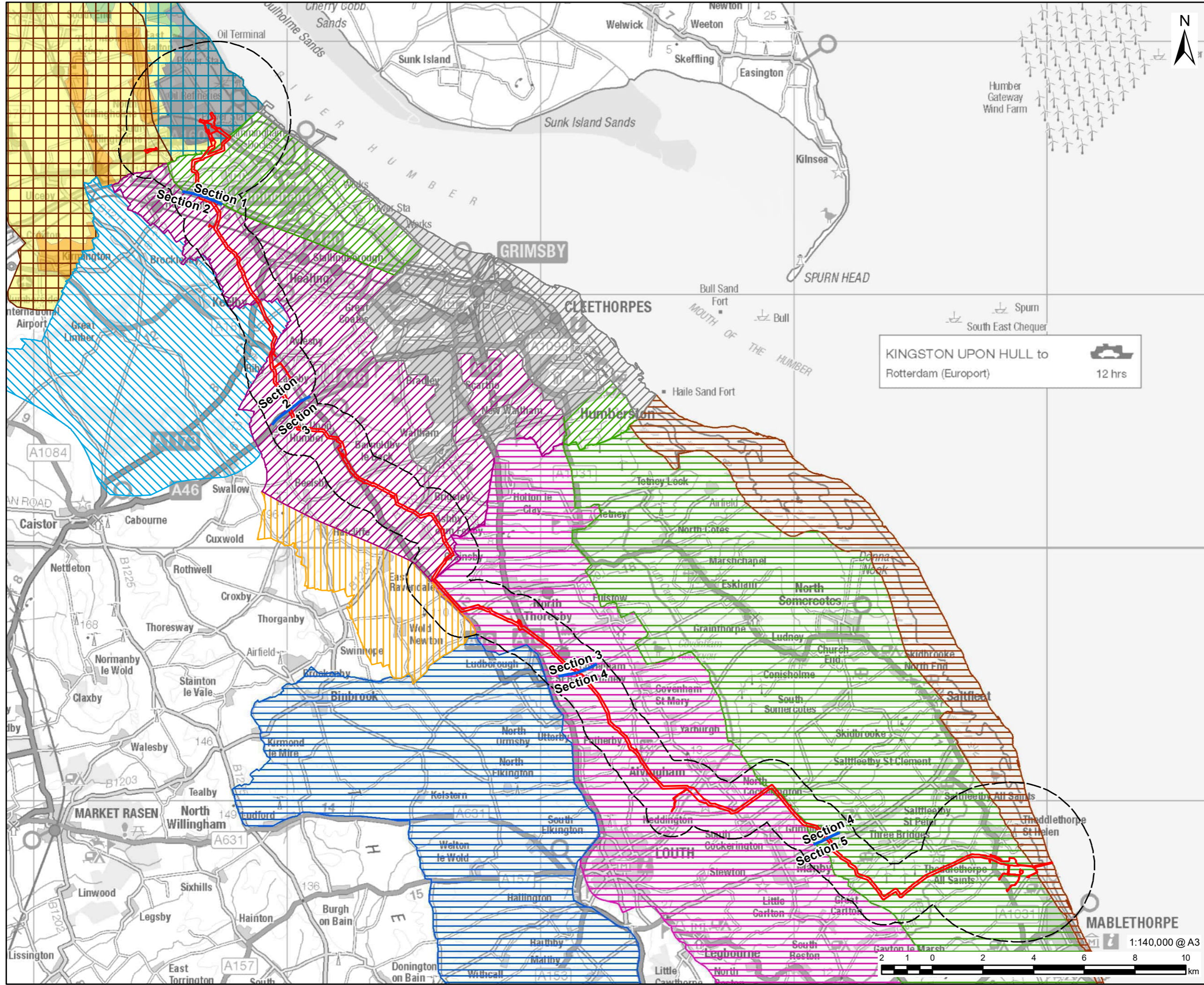
KINGSTON UPON HULL to Rotterdam (Europort) 12 hrs

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2023. © Lincolnshire County Council, 2023.

FIGURE TITLE
Figure 7-3 National and Regional Landscape Character Areas



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



VikingCCS

AECOM

PROJECT
Viking CCS Pipeline

LEGEND

- DCO Site Boundary
- Study Area
- Route Section Break

North East Lincolnshire Landscape Character Area:

- Humber Estuary
- Lincolnshire Wolds
- Lincolnshire Coast and Marshes
- Undefined

West Lindsey District Council Landscape Character Area:

- 14: Wolds' Estates

East Lindsey District Council Landscape Character Area:

- G1: Binbrook to Tetford Wolds Farmland
- I1: Holten le Clay to Great Steeping Middle Marsh
- J1: Tetney Lock to Skegness Coastal Outmarsh
- K1: Donna Nook to Gibraltar Point Naturalistic Coast

North Lincolnshire Landscape Character Area:

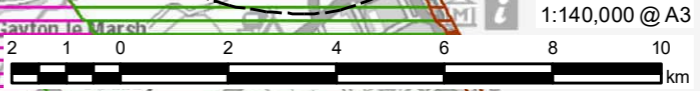
- LCA Humber Estuary
- LCA Lincolnshire Drift
- LCT Flat Open Farmland
- LCT Industrial Landscape
- LCT Open Undulating Farmland
- LCT Wooded Farmland

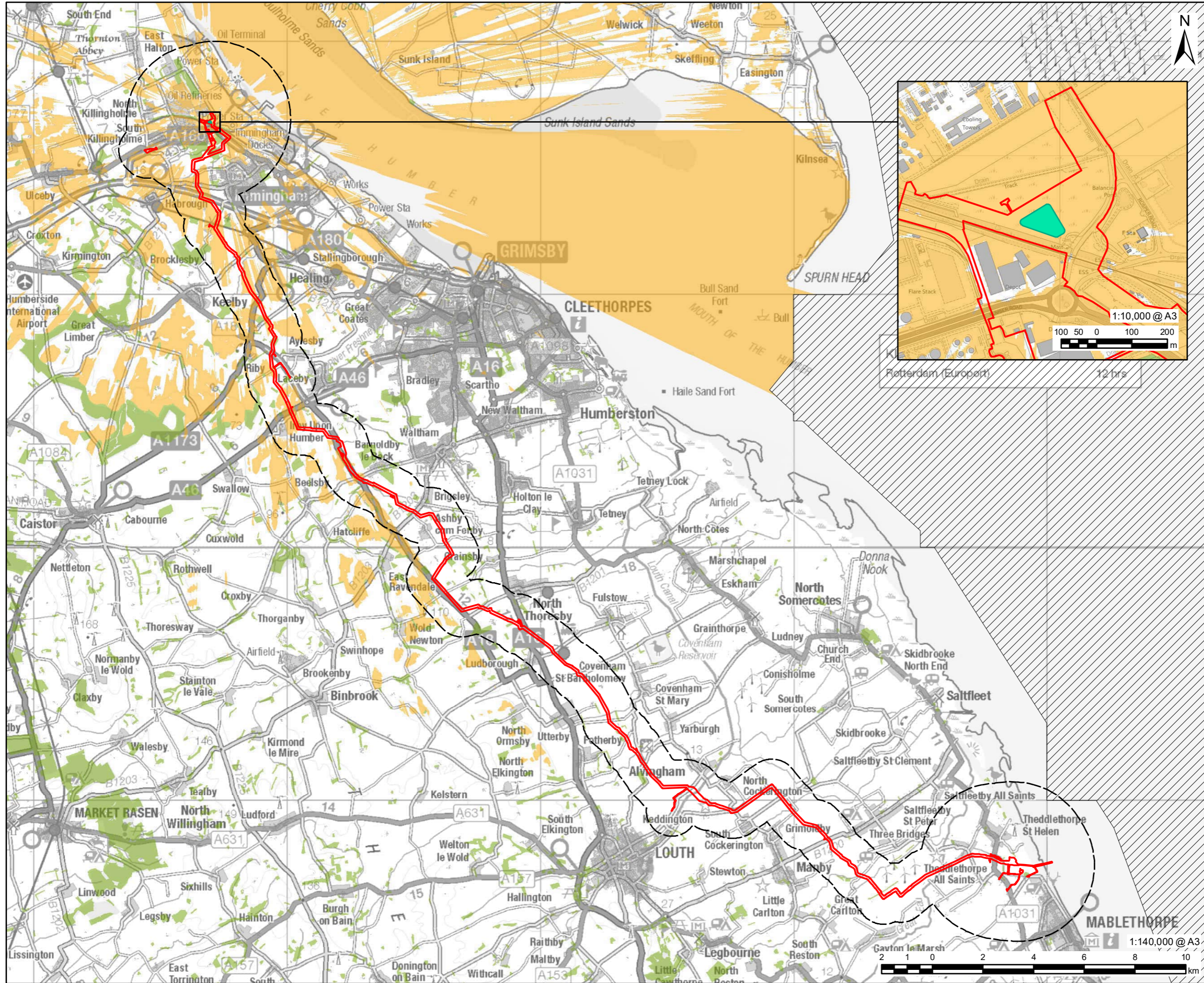
NOTES:
Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. ©North East Lincolnshire Council, 2015. © West Lindsey District Council, 1999. © East Lindsey District Council, 2009. © North Lincolnshire Council 1999.

FIGURE TITLE
Figure 7-4
Local Landscape Character Areas

ISSUE PURPOSE
ENVIRONMENTAL STATEMENT
PROJECT NUMBER / REFERENCE
60668955 / VCCS_230914_ES_7-4

KINGSTON UPON HULL to
Rotterdam (Europort) 12 hrs





PROJECT
 Viking CCS Pipeline

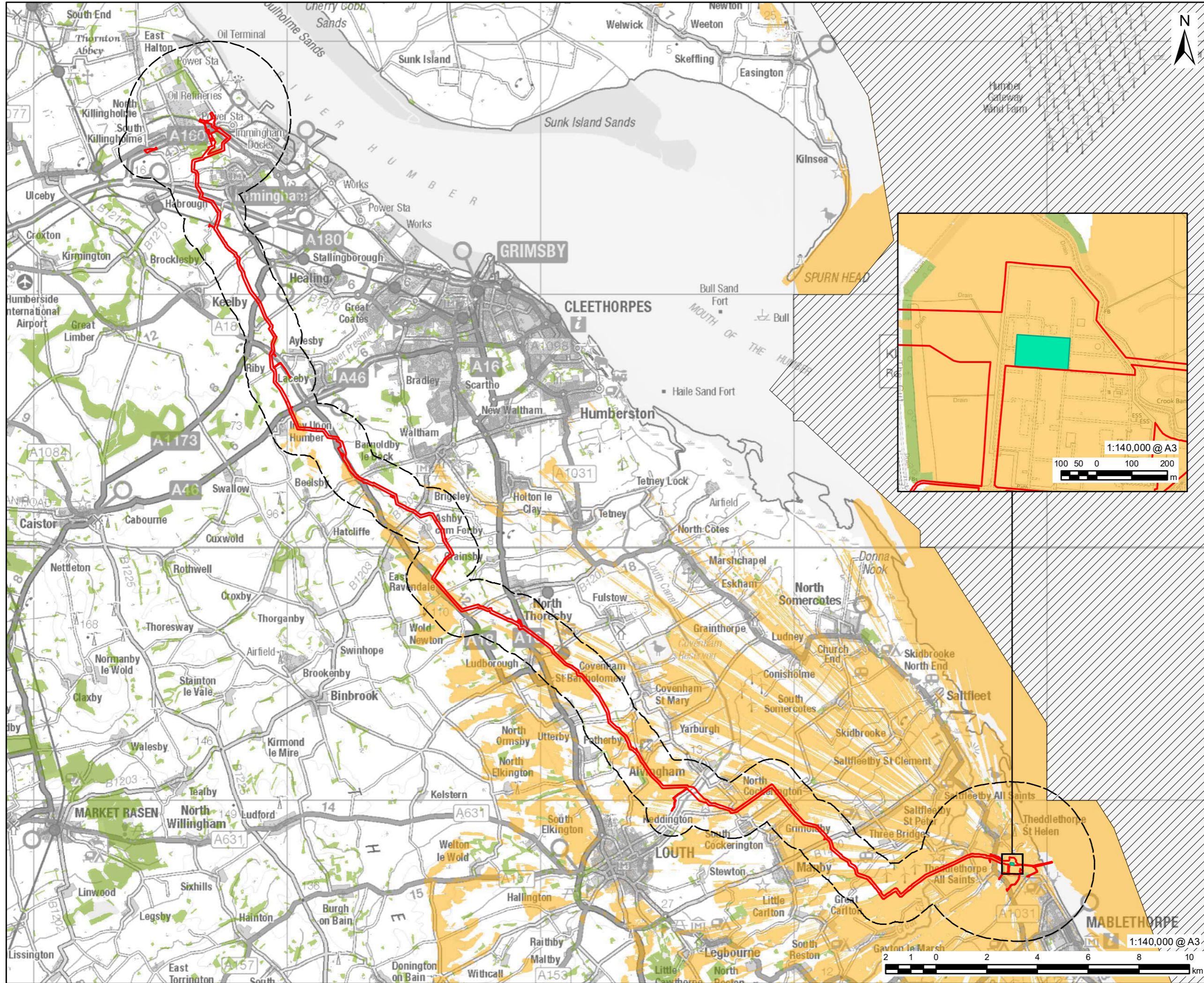
LEGEND

- Study Area
- DCO Site Boundary
- Immingham Facility - 25m Height
- Existing Building - 7m Height
- National Forest Inventory - Woodland - 10m Height
- No DTM Coverage
- Zone of Theoretical Visibility

ZTV NOTES:
 Zone of Theoretical Visibility (ZTV) has been generated using OS Terrain 5 digital terrain model which does not take into account the screening effects of vegetation, buildings or other structures.
 Existing Buildings have been incorporated into the DTM from OS Open Map Local with an assumed height of 7m.
 Woodland from National Forest Inventory has also been incorporated into the DTM with an assumed height of 10m.
 ZTV is based upon a grid of points at 20m apart within the Immingham Facility Area at a height of 25m with an observer eye height of 1.6m.
 All heights mentioned above are above ground level (AGL) unless otherwise specified.

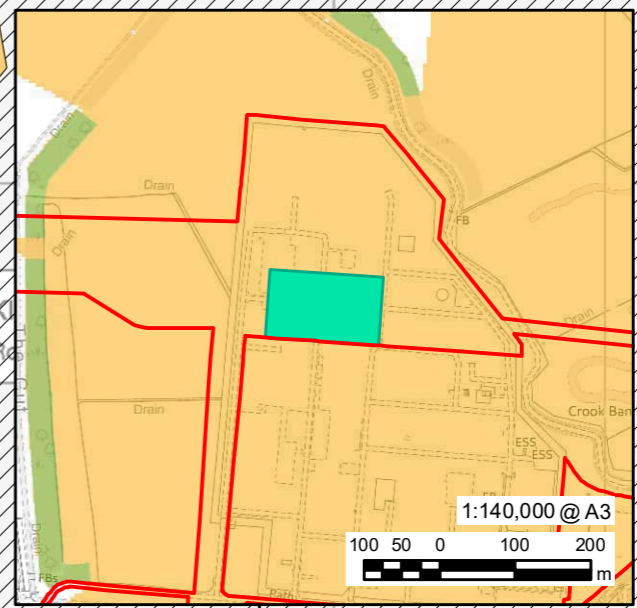
NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. Contains, or is based on, information supplied by the Forestry Commission. © Crown copyright and database right 2021 Ordnance Survey 100021242.

FIGURE TITLE
 Figure 7-5
 Zone of Theoretical Visibility
 Immingham Facility at 25m Height



LEGEND

- Study Area
- DCO Site Boundary
- Theddlethorpe Facility - 25m Height
- Existing Building - 7m Height
- National Forest Inventory - Woodland - 10m Height
- No DTM Coverage
- Zone of Theoretical Visibility



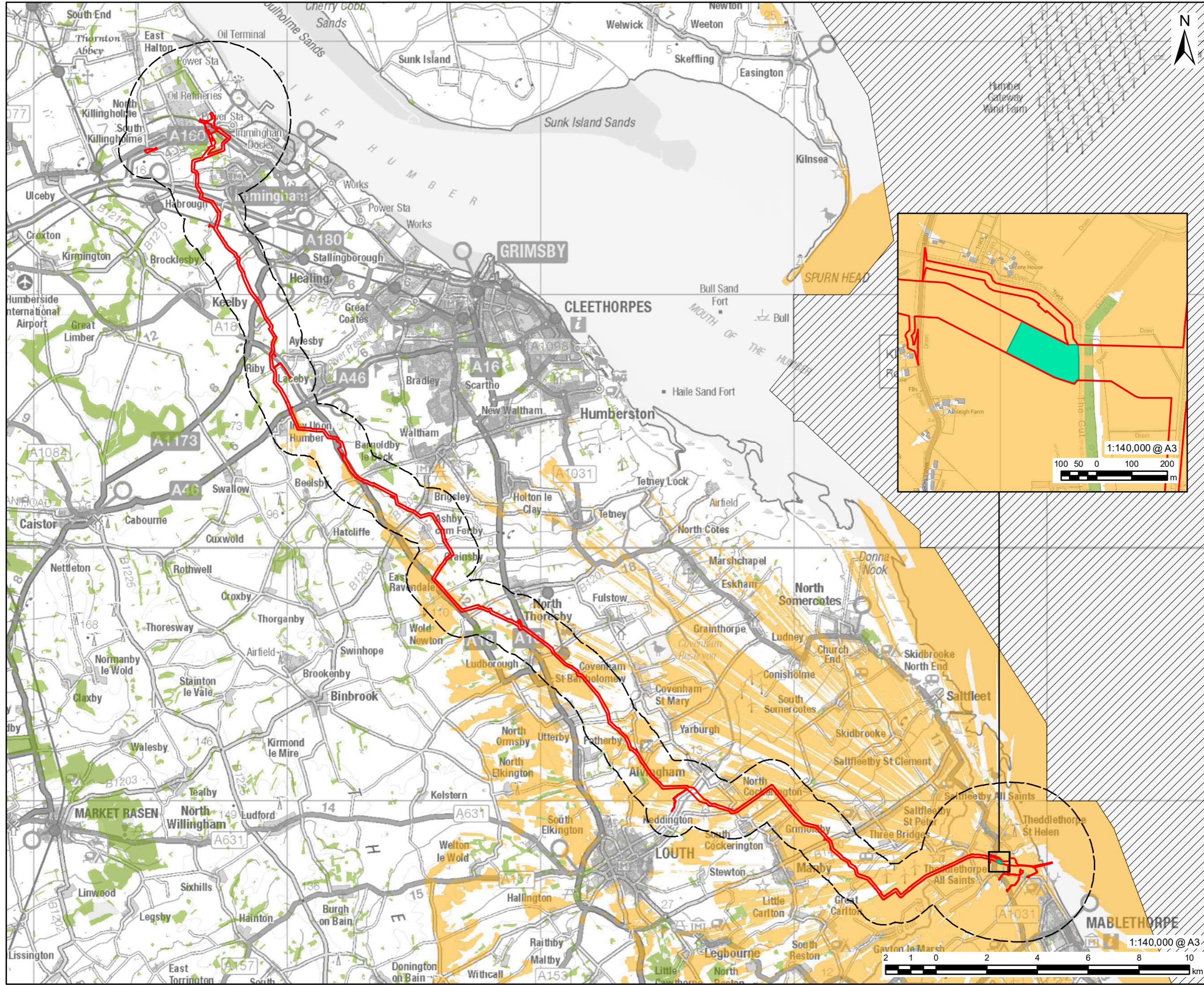
ZTV NOTES:
 Zone of Theoretical Visibility (ZTV) has been generated using OS Terrain 5 digital terrain model which does not take into account the screening effects of vegetation, buildings or other structures.
 Existing Buildings have been incorporated into the DTM from OS Open Map Local with an assumed height of 7m.
 Woodland from National Forest Inventory has also been incorporated into the DTM with an assumed height of 10m.
 ZTV is based upon a grid of points at 20m apart within the Theddlethorpe Facility Area at a height of 25m with an observer eye height of 1.6m.
 All heights mentioned above are above ground level (AGL) unless otherwise specified.

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. Contains, or is based on, information supplied by the Forestry Commission. © Crown copyright and database right 2021 Ordnance Survey 100021242.

FIGURE TITLE

Figure 7-6
Zone of Theoretical Visibility
Theddlethorpe Facility - Option 1 at 25m Height

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



LEGEND

- Study Area
- DCO Site Boundary
- Theddlethorpe Facility - 25m Height
- Existing Building - 7m Height
- National Forest Inventory - Woodland - 10m Height
- No DTM Coverage
- Zone of Theoretical Visibility

ZTV NOTES:

Zone of Theoretical Visibility (ZTV) has been generated using OS Terrain 5 digital terrain model which does not take into account the screening effects of vegetation, buildings or other structures.

Existing Buildings have been incorporated into the DTM from OS Open Map Local with an assumed height of 7m.

Woodland from National Forest Inventory has also been incorporated into the DTM with an assumed height of 10m.

ZTV is based upon a grid of points at 20m apart within the Theddlethorpe Facility Area at a height of 25m with an observer eye height of 1.6m.

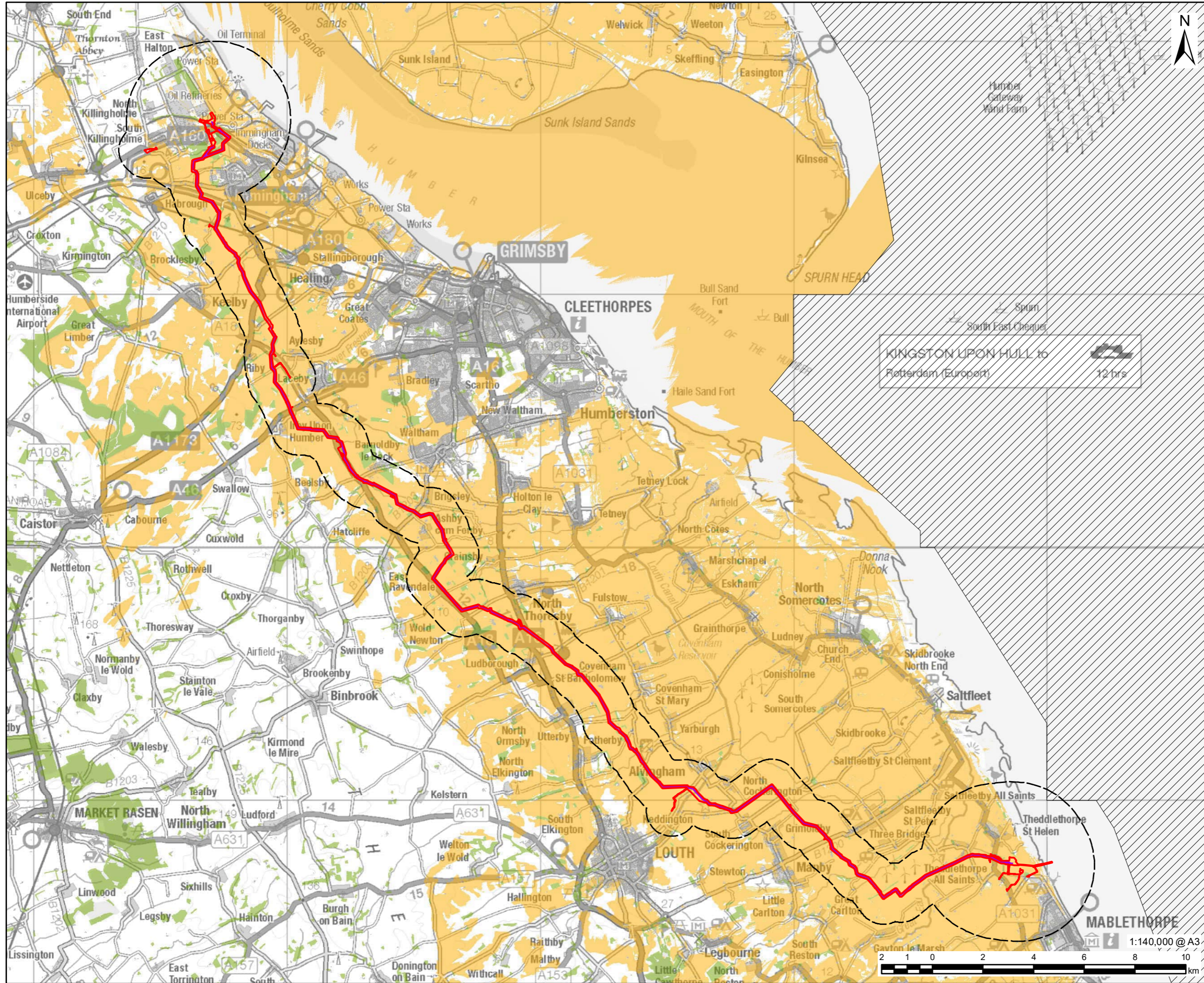
All heights mentioned above are above ground level (AGL) unless otherwise specified.

NOTES:

Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. Contains, or is based on, information supplied by the Forestry Commission. © Crown copyright and database right 2021 Ordnance Survey 100021242.

FIGURE TITLE

Figure 7-7
Zone of Theoretical Visibility
Theddlethorpe Facility - Option 2 at 25m Height



LEGEND

- Study Area
- DCO Site Boundary
- Preferred Pipeline Route - 3.5m Height
- Existing Building - 7m Height
- National Forest Inventory - Woodland - 10m Height
- No DTM Coverage
- Zone of Theoretical Visibility

KINGSTON UPON HULL to Rotterdam (Europort) 12 hrs

ZTV NOTES:
 Zone of Theoretical Visibility (ZTV) has been generated using OS Terrain 5 digital terrain model which does not take into account the screening effects of vegetation, buildings or other structures.
 Existing Buildings have been incorporated into the DTM from OS Open Map Local with an assumed height of 7m.
 Woodland from National Forest Inventory has also been incorporated into the DTM with an assumed height of 10m.
 ZTV is based upon a series of points every 100m along the Preferred Pipeline Route at a height of 3.5m with an observer eye height of 1.6m.
 All heights mentioned above are above ground level (AGL) unless otherwise specified.

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. Contains, or is based on, information supplied by the Forestry Commission. © Crown copyright and database right 2021 Ordnance Survey 100021242.

FIGURE TITLE

Figure 7-8
Zone of Theoretical Visibility Preferred Pipeline Route at 3.5m Height

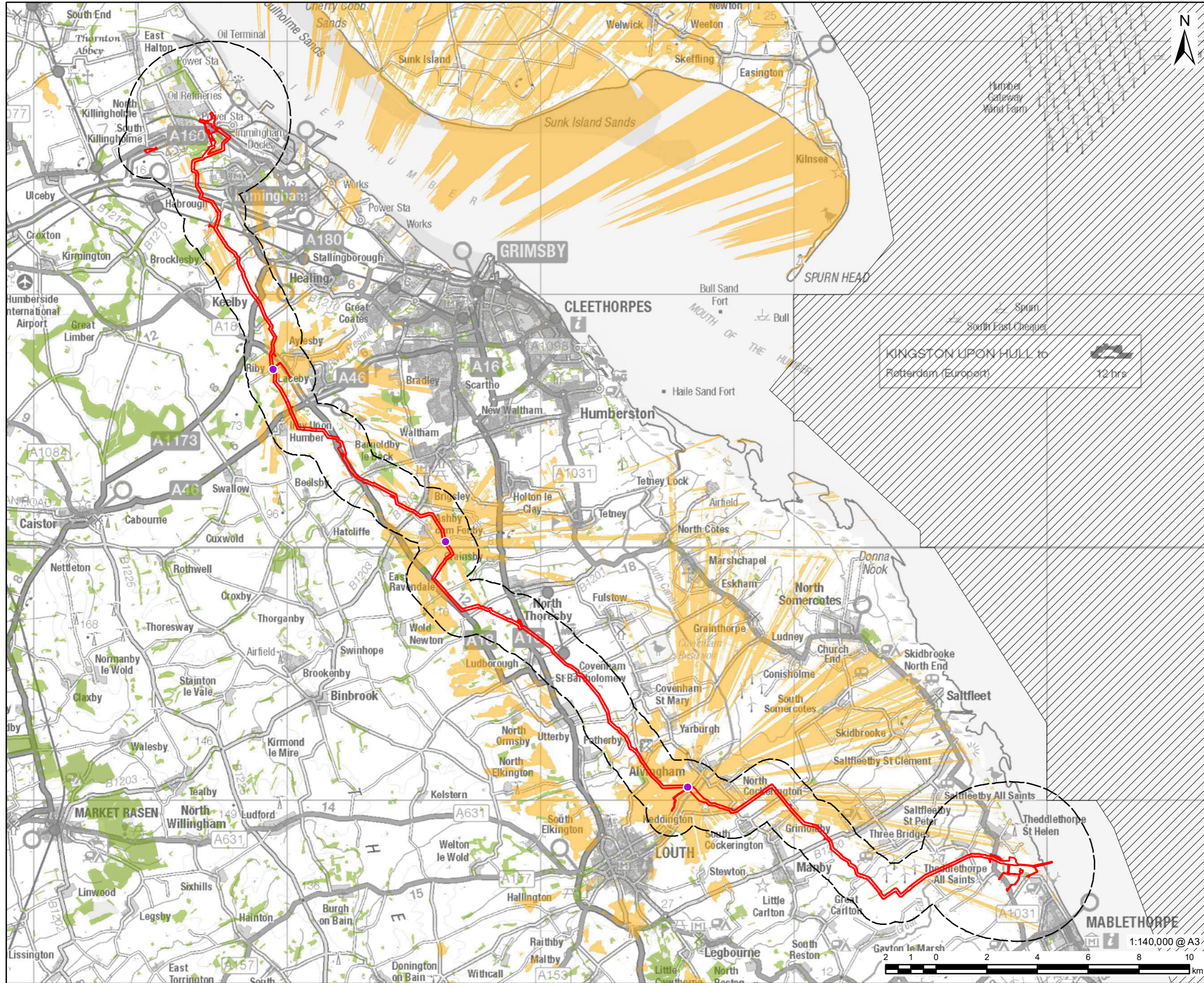
ISSUE PURPOSE

ENVIRONMENTAL STATEMENT

PROJECT NUMBER / REFERENCE

60668955 / VCCS_231010_ES_7-8

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



LEGEND

	Study Area
	DCO Site Boundary
	Block Valve Station - 4m Height
	Existing Building - 7m Height
	National Forest Inventory - Woodland - 10m Height
	No DTM Coverage
	Zone of Theoretical Visibility

KINGSTON UPON HULL to Rotterdam (Europort) 12 hrs

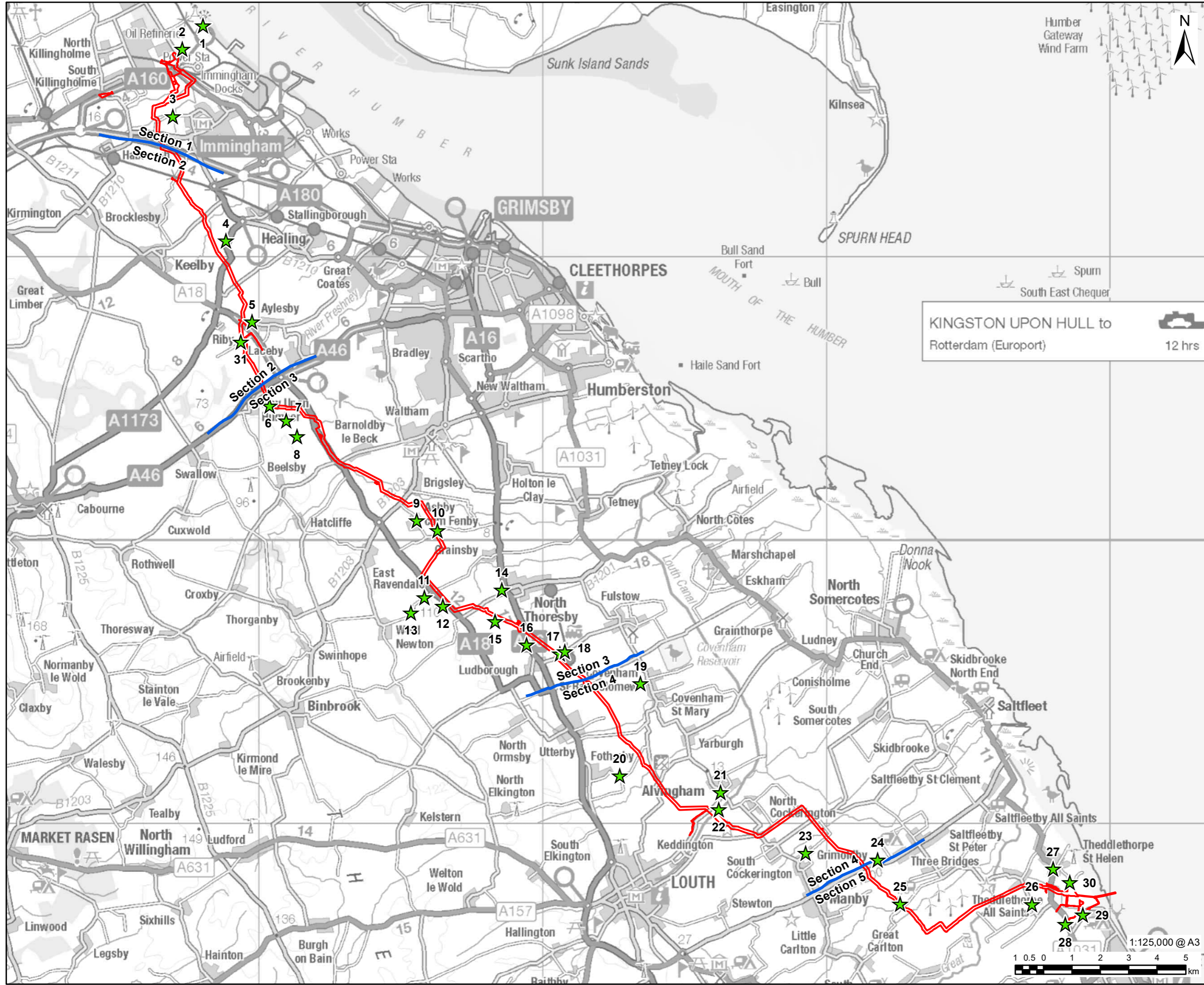
ZTV NOTES:
 Zone of Theoretical Visibility (ZTV) has been generated using OS Terrain 5 digital terrain model which does not take into account the screening effects of vegetation, buildings or other structures.
 Existing Buildings have been incorporated into the DTM from OS Open Map Local with an assumed height of 7m.
 Woodland from National Forest Inventory has also been incorporated into the DTM with an assumed height of 10m.
 ZTV is based upon a grid of points at 10m apart within the Block Valve Station Area at a height of 4m with an observer eye height of 1.6m.
 All heights mentioned above are above ground level (AGL) unless otherwise specified.

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. Contains, or is based on, information supplied by the Forestry Commission. © Crown copyright and database right 2021 Ordnance Survey 100021242.

FIGURE TITLE

Figure 7-9
Zone of Theoretical Visibility
Block Valve Stations at 4m Height

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



VikingCCS

AECOM

PROJECT
Viking CCS Pipeline

LEGEND

- DCO Site Boundary
- Route Section Break
- Viewpoint Location

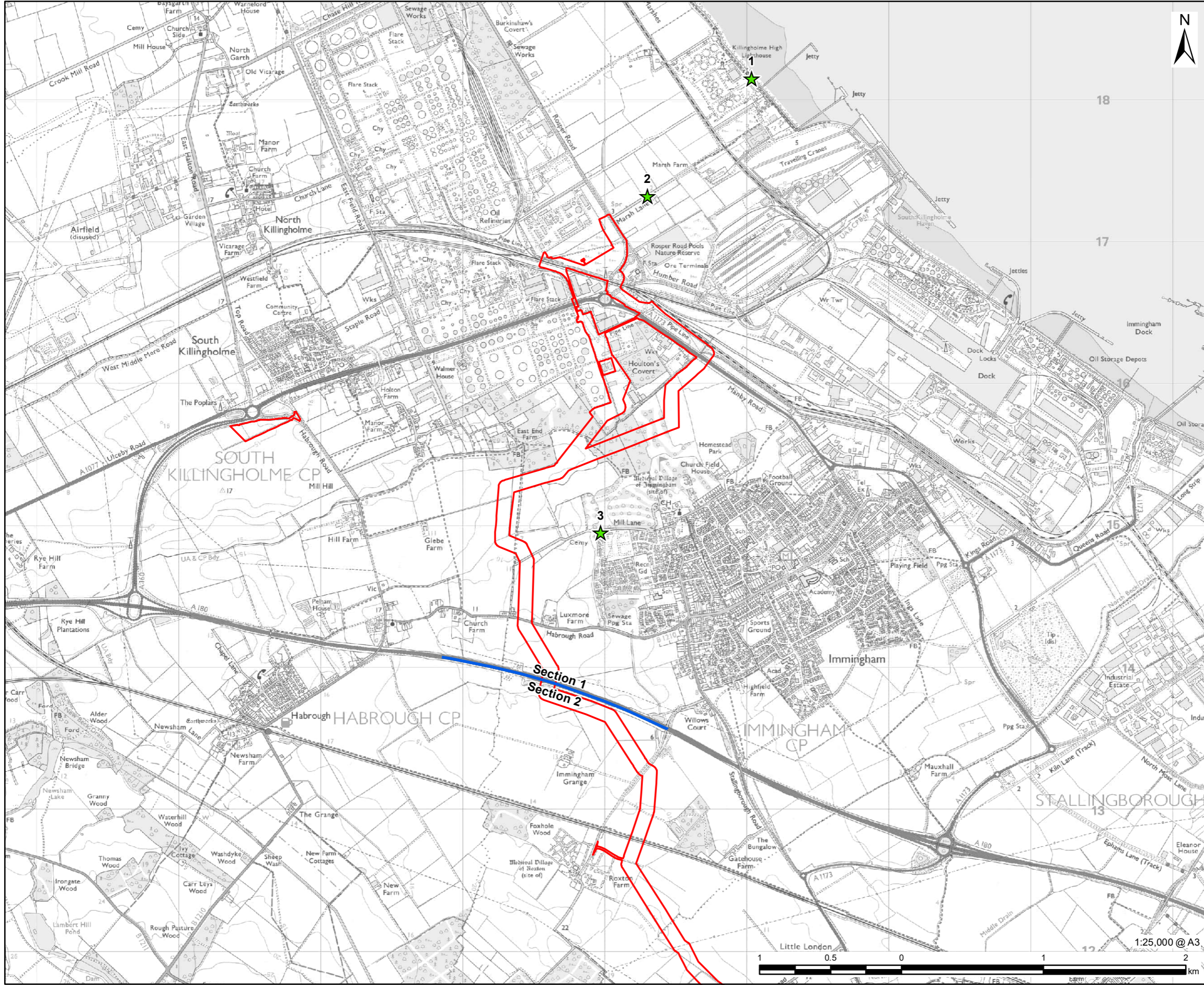
KINGSTON UPON HULL to Rotterdam (Europort)
12 hrs

NOTES:
Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673.

FIGURE TITLE
**Figure 7-10
Representative Viewpoints**

ISSUE PURPOSE
ENVIRONMENTAL STATEMENT
PROJECT NUMBER / REFERENCE
60668955 / VCCS_231010_ES_7-10

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



- LEGEND**
- DCO Site Boundary
 - Route Section Break
 - ★ Viewpoint Location

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673.

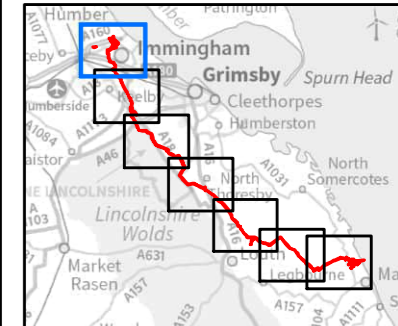
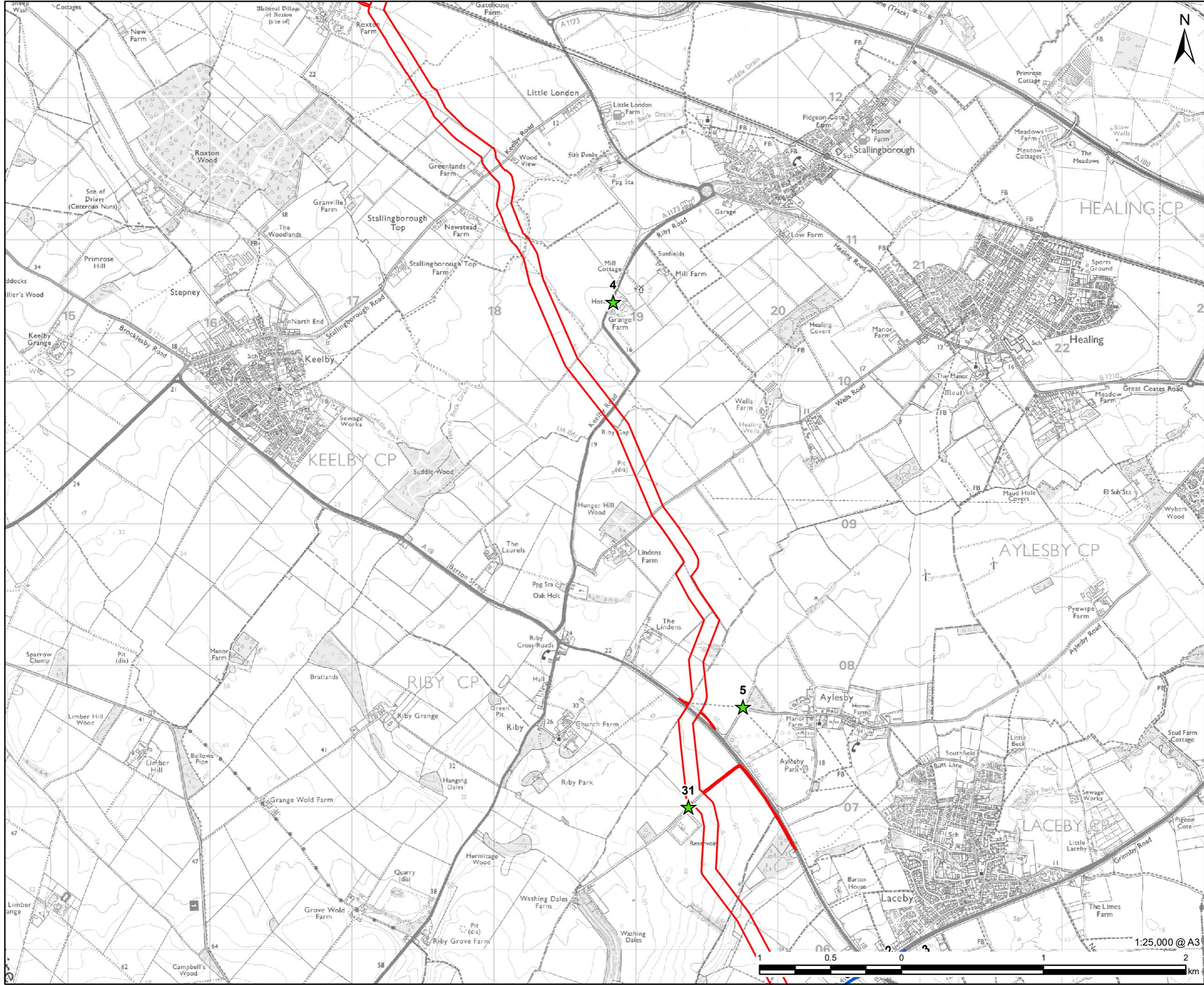


FIGURE TITLE
 Figure 7-9 (1 of 7)
 Representative Viewpoints



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



VikingCCS

AECOM

PROJECT

Viking CCS Pipeline

LEGEND

- ▭ DCO Site Boundary
- ▬ Route Section Break
- ★ Viewpoint Location

NOTES:

Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673.

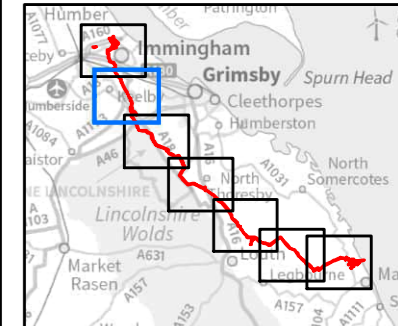


FIGURE TITLE

Figure 7-9 (2 of 7)

Representative Viewpoints

ISSUE PURPOSE

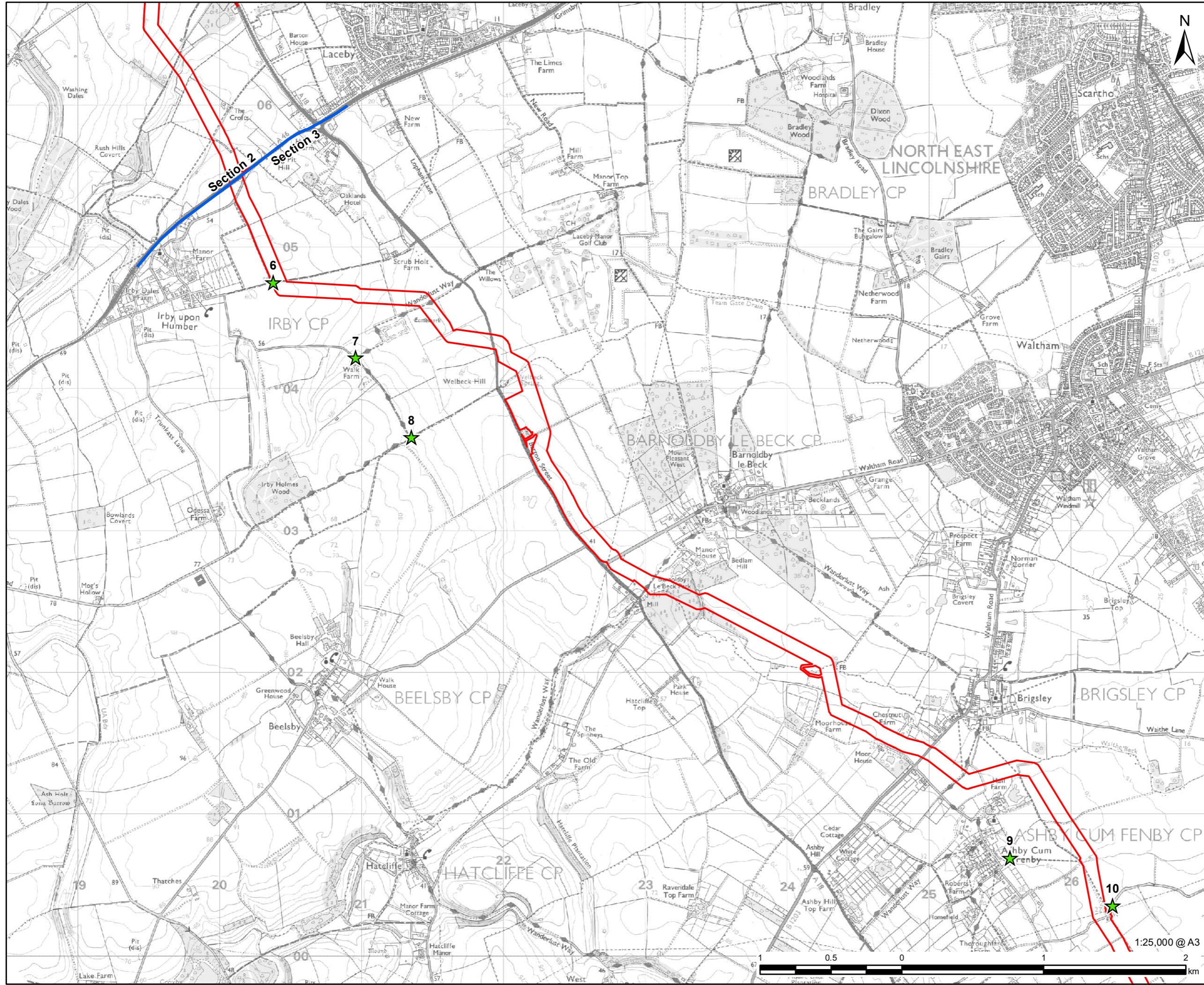
ENVIRONMENTAL STATEMENT

PROJECT NUMBER / REFERENCE

60668955 / VCCS_230927_ES_7-9

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as signed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.





- LEGEND**
- DCO Site Boundary
 - Route Section Break
 - Viewpoint Location

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673.

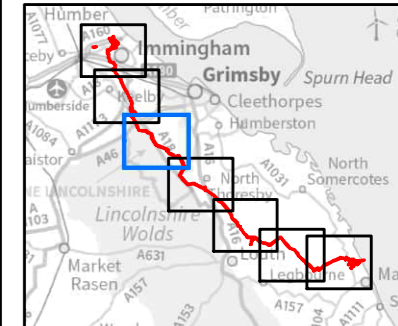
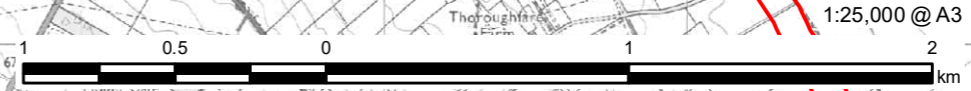
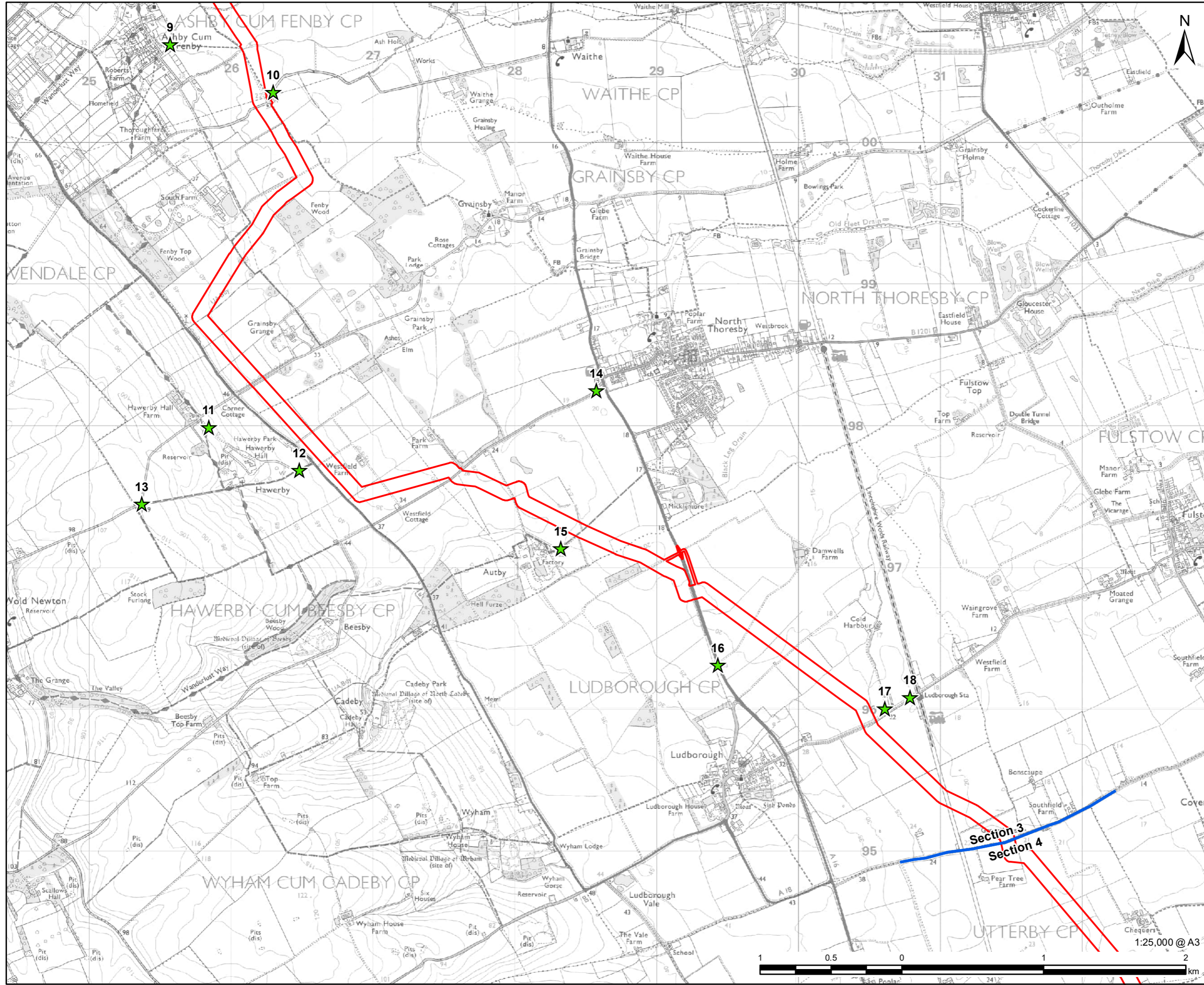


FIGURE TITLE
 Figure 7-9 (3 of 7)
 Representative Viewpoints

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.





VikingCCS

AECOM

PROJECT
Viking CCS Pipeline

LEGEND

- ▭ DCO Site Boundary
- ▬ Route Section Break
- ★ Viewpoint Location

NOTES:
Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673.

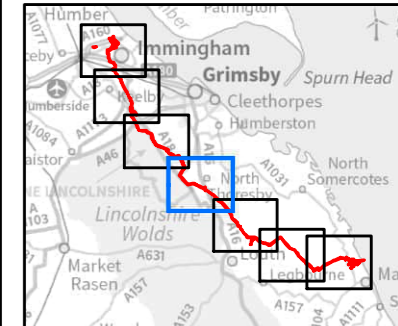
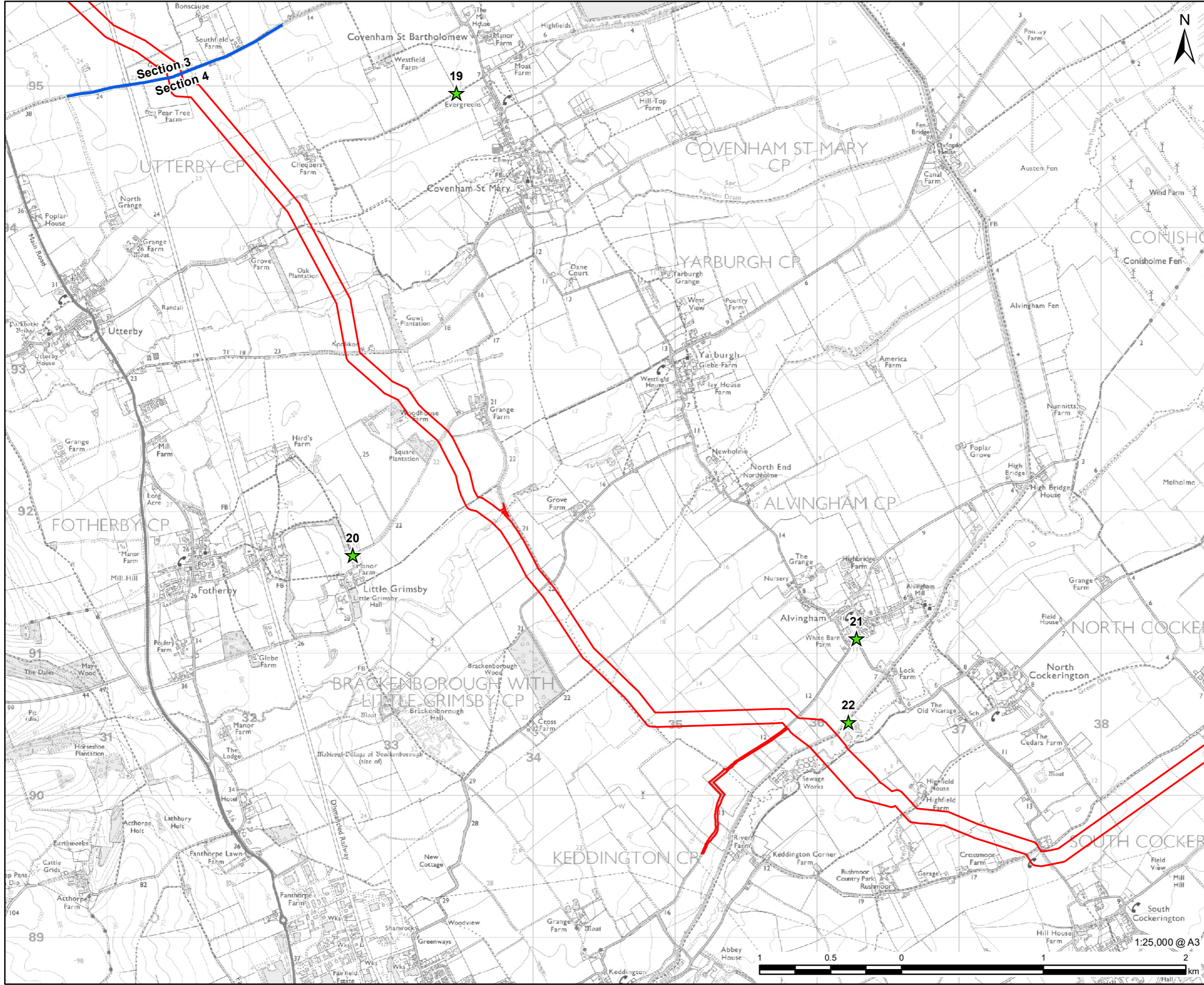


FIGURE TITLE
Figure 7-9 (4 of 7)
Representative Viewpoints

ISSUE PURPOSE
ENVIRONMENTAL STATEMENT
PROJECT NUMBER / REFERENCE
60668955 / VCCS_230927_ES_7-9

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as signed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



VikingCCS

AECOM

PROJECT
Viking CCS Pipeline

LEGEND

- ▭ DCO Site Boundary
- ▬ Route Section Break
- ★ Viewpoint Location

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673.

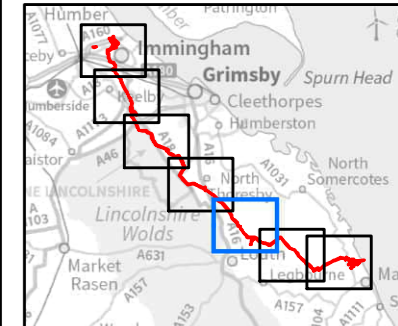
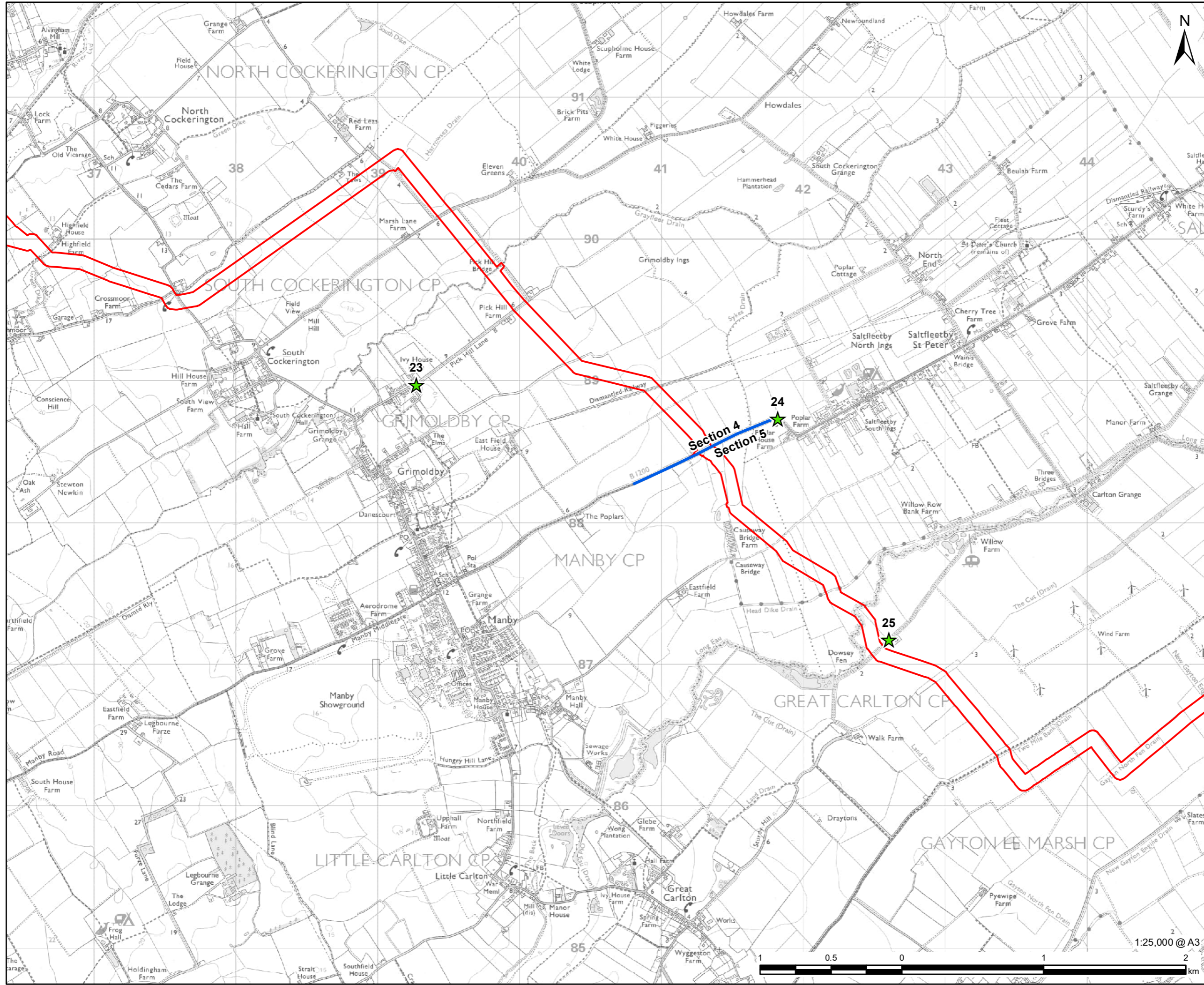


FIGURE TITLE
 Figure 7-9 (5 of 7)
 Representative Viewpoints

ISSUE PURPOSE
 ENVIRONMENTAL STATEMENT
PROJECT NUMBER / REFERENCE
 60668955 / VCCS_230927_ES_7-9

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as signed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.





- LEGEND**
- DCO Site Boundary
 - Route Section Break
 - ★ Viewpoint Location

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673.

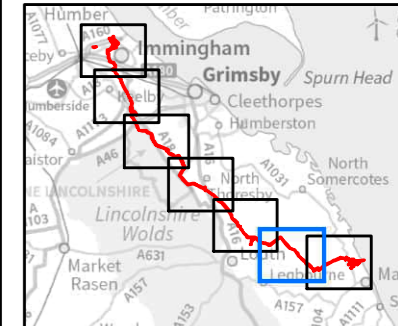
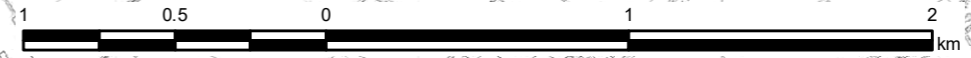
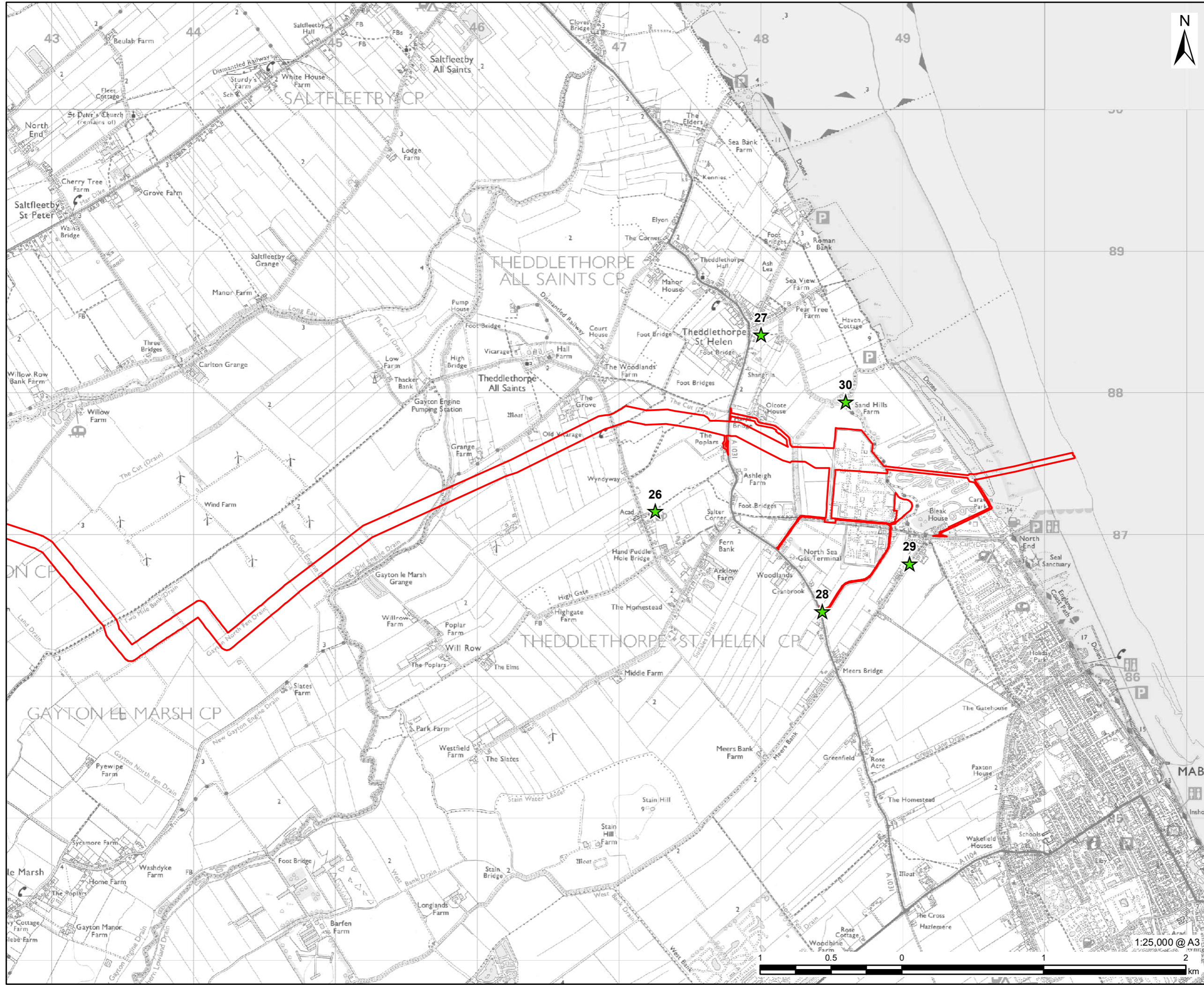


FIGURE TITLE
 Figure 7-9 (6 of 7)
 Representative Viewpoints

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

1:25,000 @ A3





- LEGEND**
- DCO Site Boundary
 - ★ Viewpoint Location

NOTES:
Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673.

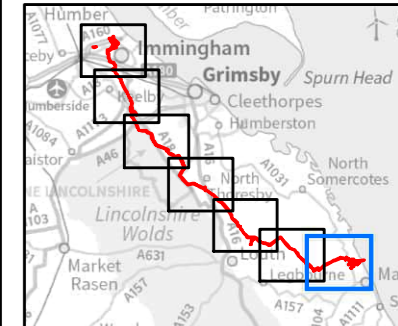
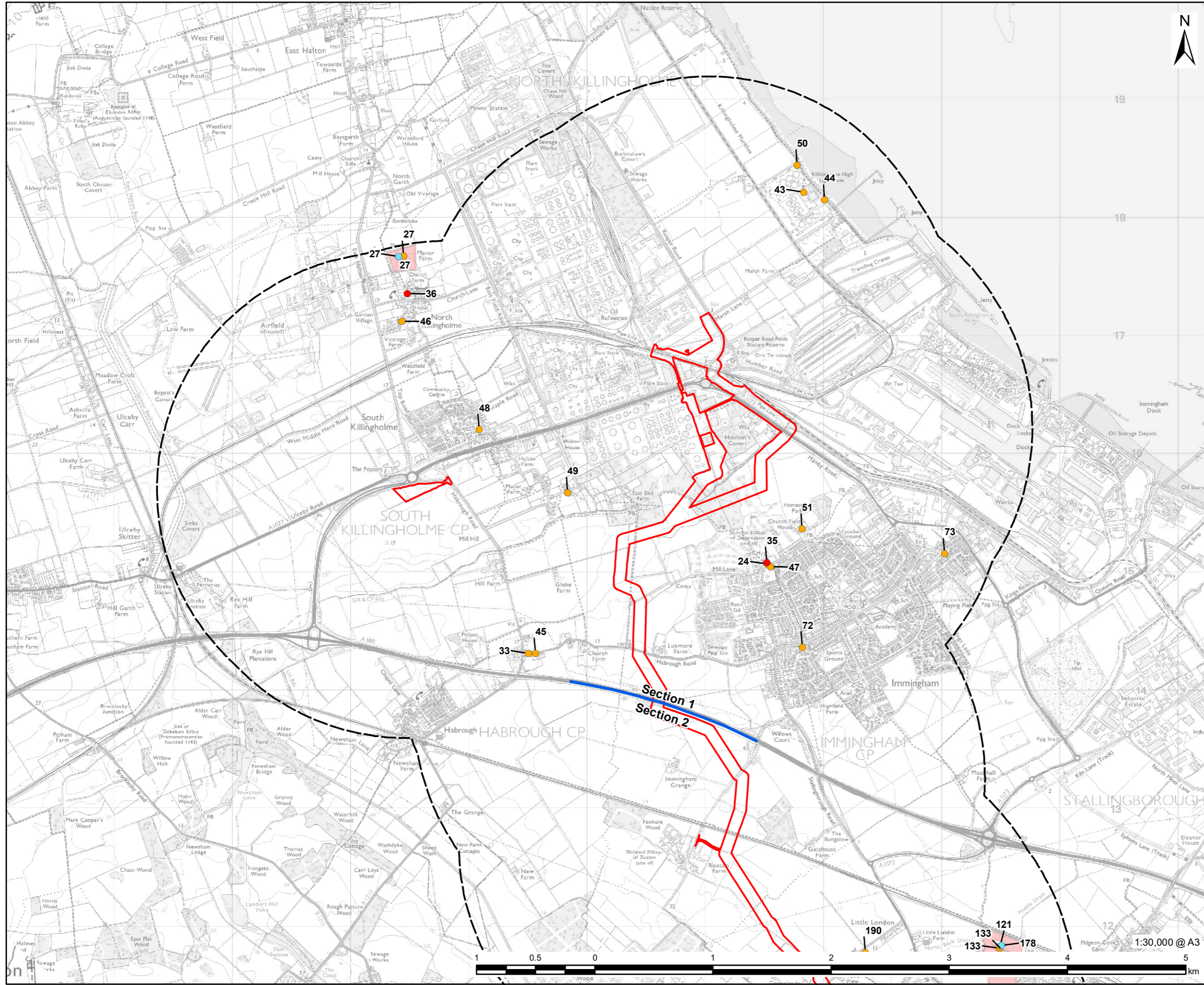


FIGURE TITLE
Figure 7-9 (7 of 7)
Representative Viewpoints

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

1:25,000 @ A3





- LEGEND**
- DCO Site Boundary
 - Route Section Break
 - 2km Wider Study Area
 - Grade I Listed Building
 - Grade II Listed Building
 - Grade II* Listed Building
 - Scheduled Monument

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. © Historic England 2023. Contains Ordnance Survey data © Crown copyright and database right 2023 The Historic England GIS Data contained in this material was obtained on 19/05/2023.

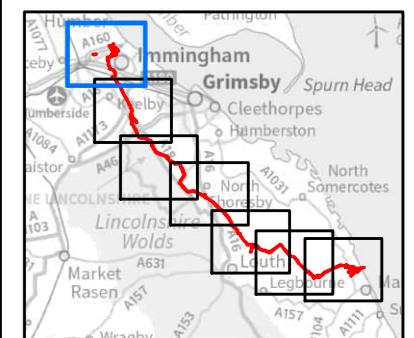
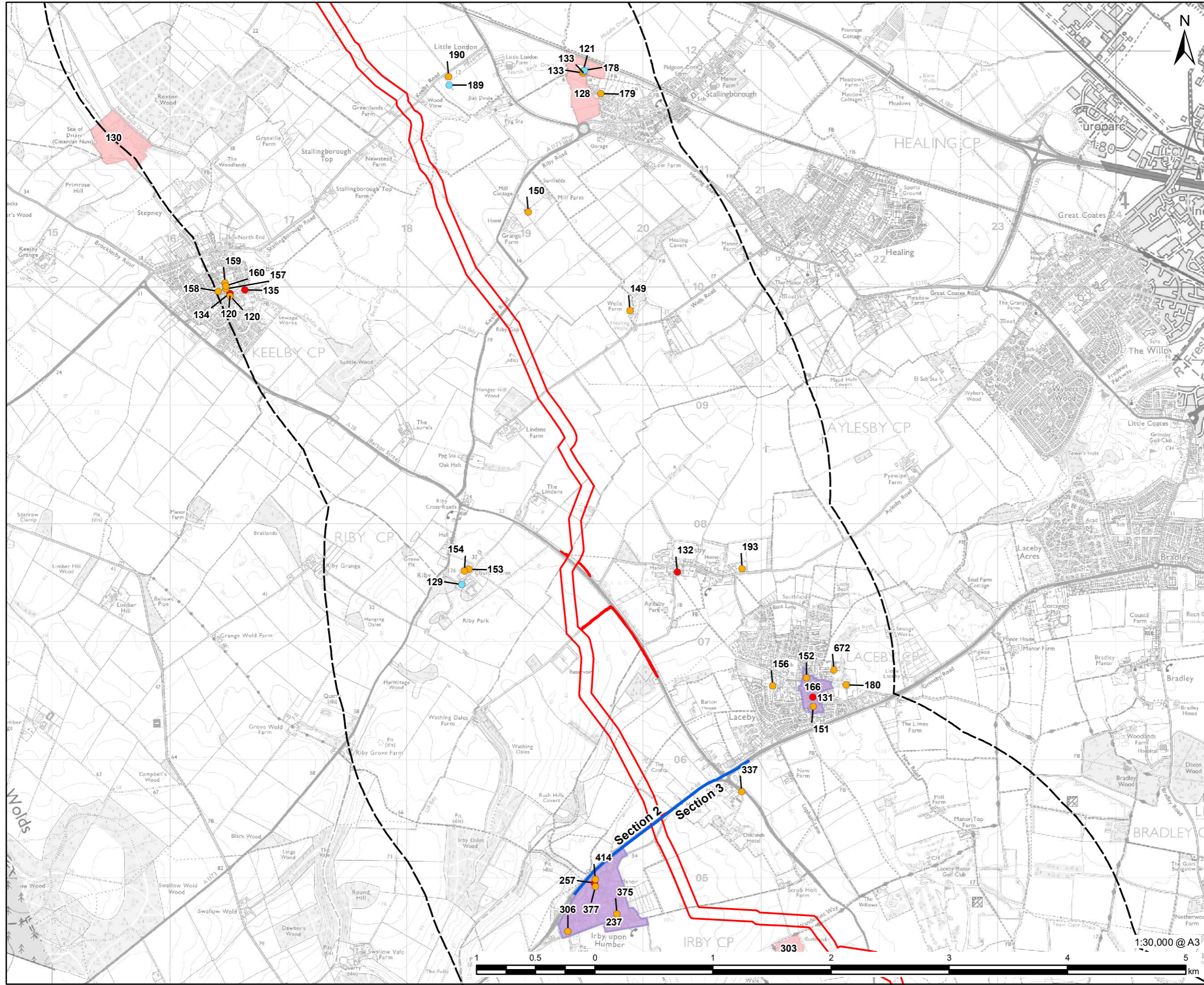


FIGURE TITLE
Figure 8-1 (1 of 7)
Location of Designated Heritage Assets within 2km



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as signed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



- LEGEND**
- DCO Site Boundary
 - Route Section Break
 - 2km Wider Study Area
 - Grade I Listed Building
 - Grade II Listed Building
 - Grade II* Listed Building
 - Scheduled Monument
 - Conservation Area

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. © Historic England 2023. Contains Ordnance Survey data © Crown copyright and database right 2023 The Historic England GIS Data contained in this material was obtained on 19/05/2023.

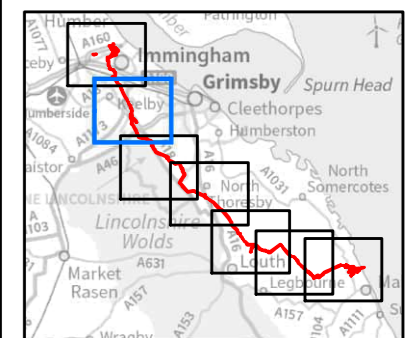
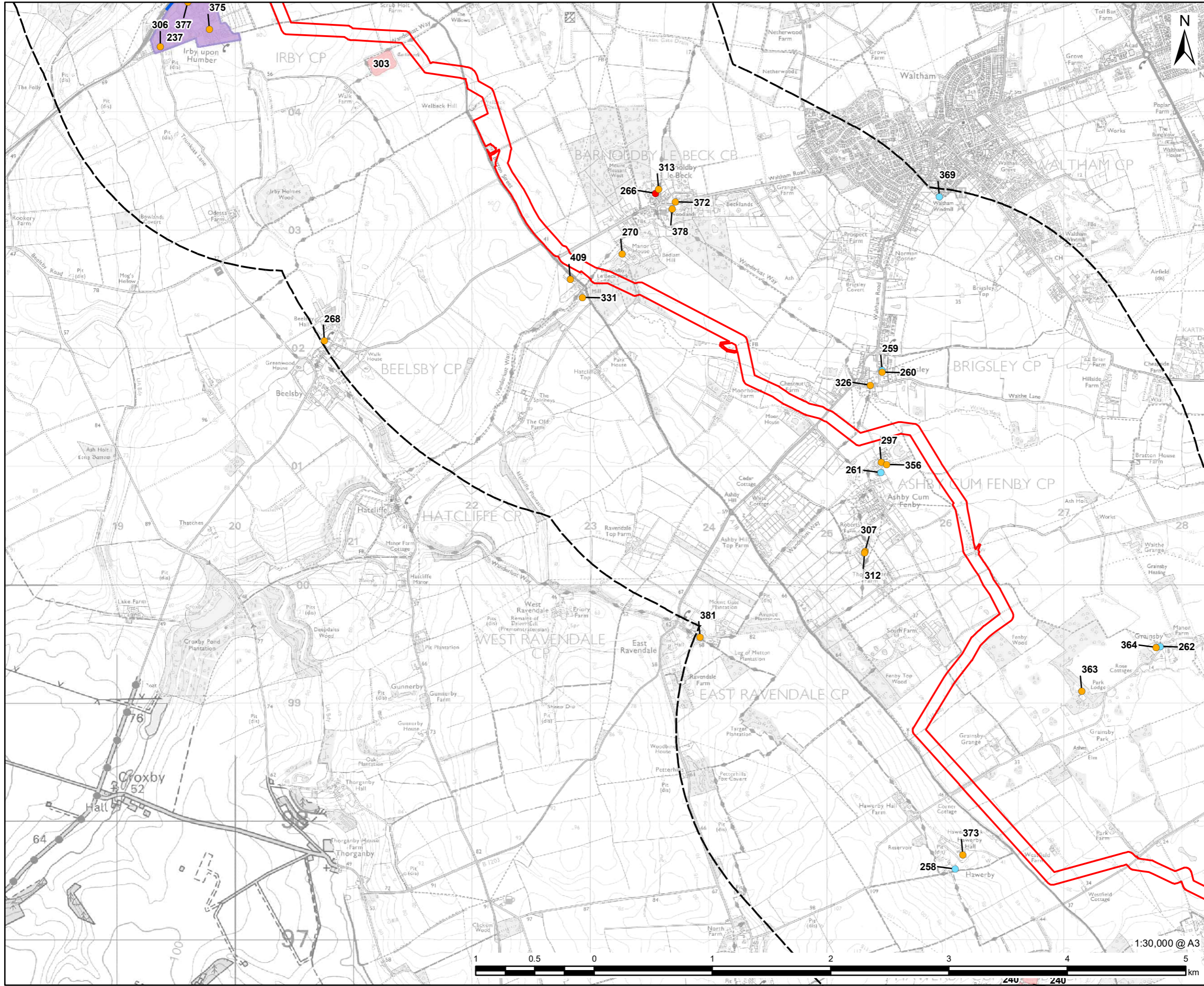


FIGURE TITLE
Figure 8-1 (2 of 7)
Location of Designated Heritage Assets within 2km

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



LEGEND

- DCO Site Boundary
- Route Section Break
- 2km Wider Study Area
- Grade I Listed Building
- Grade II Listed Building
- Grade II* Listed Building
- Scheduled Monument
- Conservation Area

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. © Historic England 2023. Contains Ordnance Survey data © Crown copyright and database right 2023 The Historic England GIS Data contained in this material was obtained on 19/05/2023.

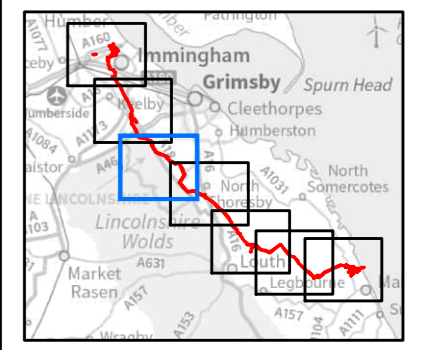
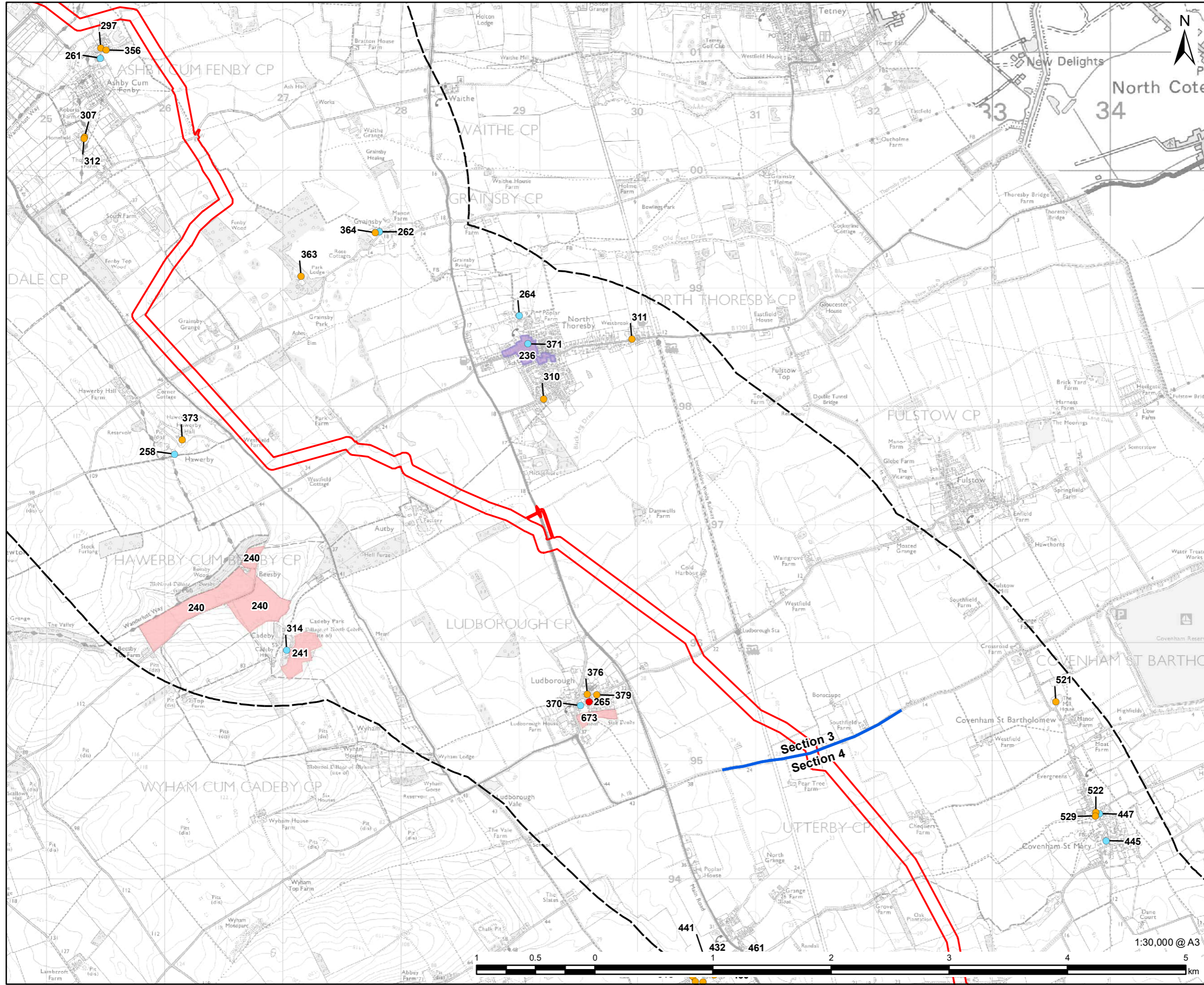


FIGURE TITLE
Figure 8-1 (3 of 7)
Location of Designated Heritage Assets withi 2km

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



LEGEND

- DCO Site Boundary
- Route Section Break
- 2km Wider Study Area
- Grade I Listed Building
- Grade II Listed Building
- Grade II* Listed Building
- Scheduled Monument
- Conservation Area

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. © Historic England 2023. Contains Ordnance Survey data © Crown copyright and database right 2023 The Historic England GIS Data contained in this material was obtained on 19/05/2023.

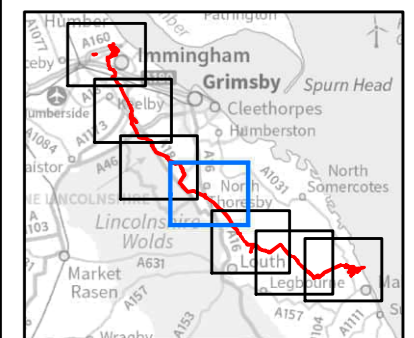
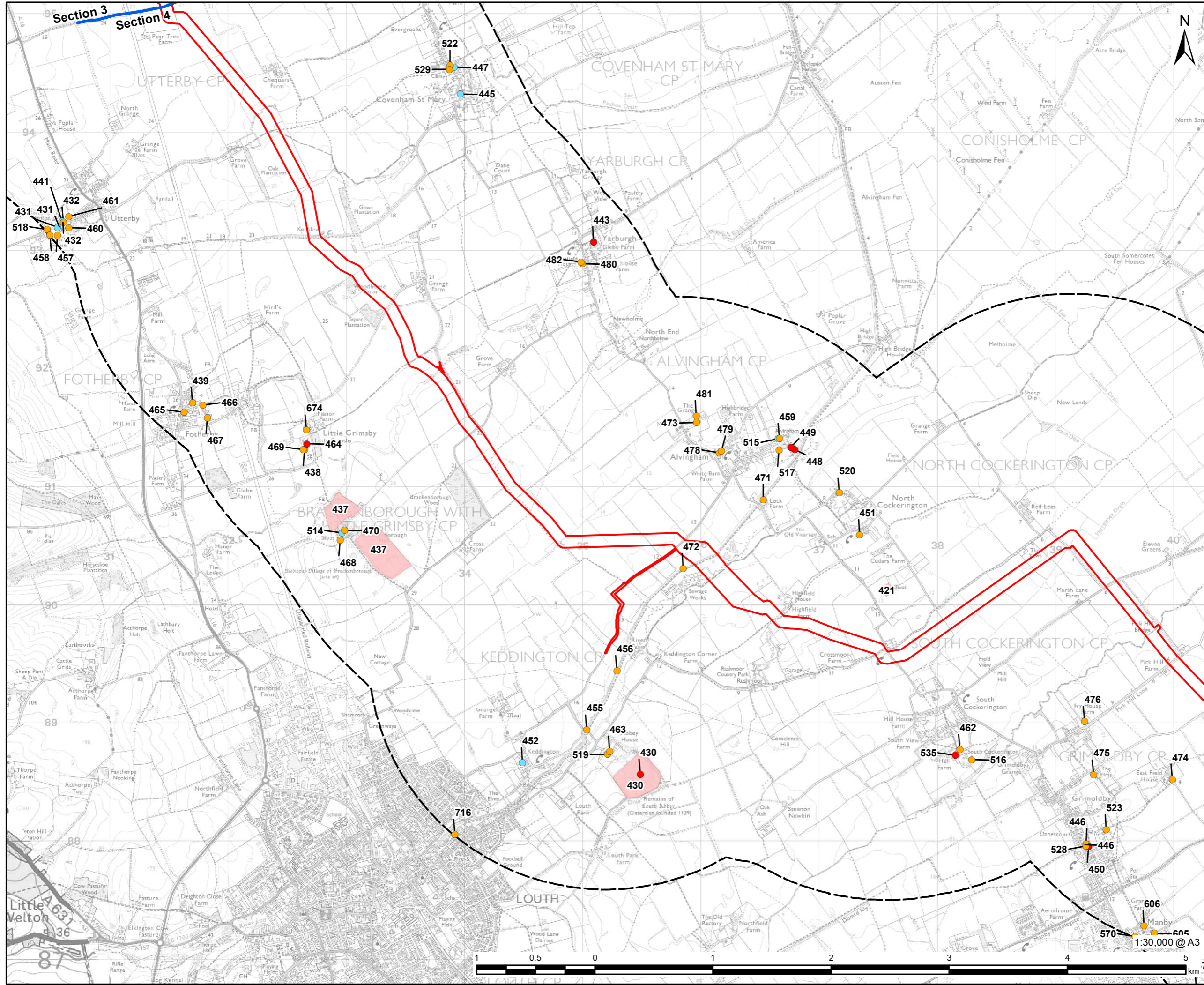


FIGURE TITLE
Figure 8-1 (4 of 7)
Location of Designated Heritage Assets within 2km

ISSUE PURPOSE
 ENVIRONMENTAL STATEMENT

PROJECT NUMBER / REFERENCE
 60668955 / VCCS_230914_ES_8-1

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



VikingCCS

AECOM

PROJECT
Viking CCS Pipeline

LEGEND

- DCO Site Boundary
- Route Section Break
- 2km Wider Study Area
- Grade I Listed Building
- Grade II Listed Building
- Grade II* Listed Building
- Scheduled Monument

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. © Historic England 2023. Contains Ordnance Survey data © Crown copyright and database right 2023 The Historic England GIS Data contained in this material was obtained on 19/05/2023.

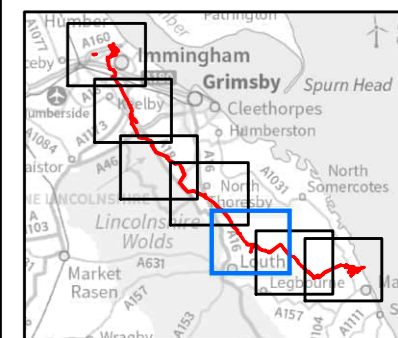
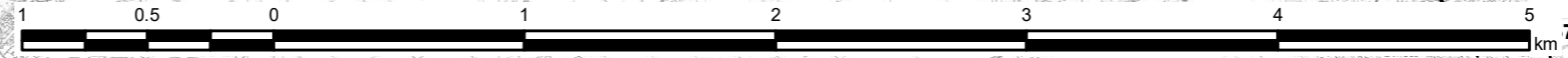
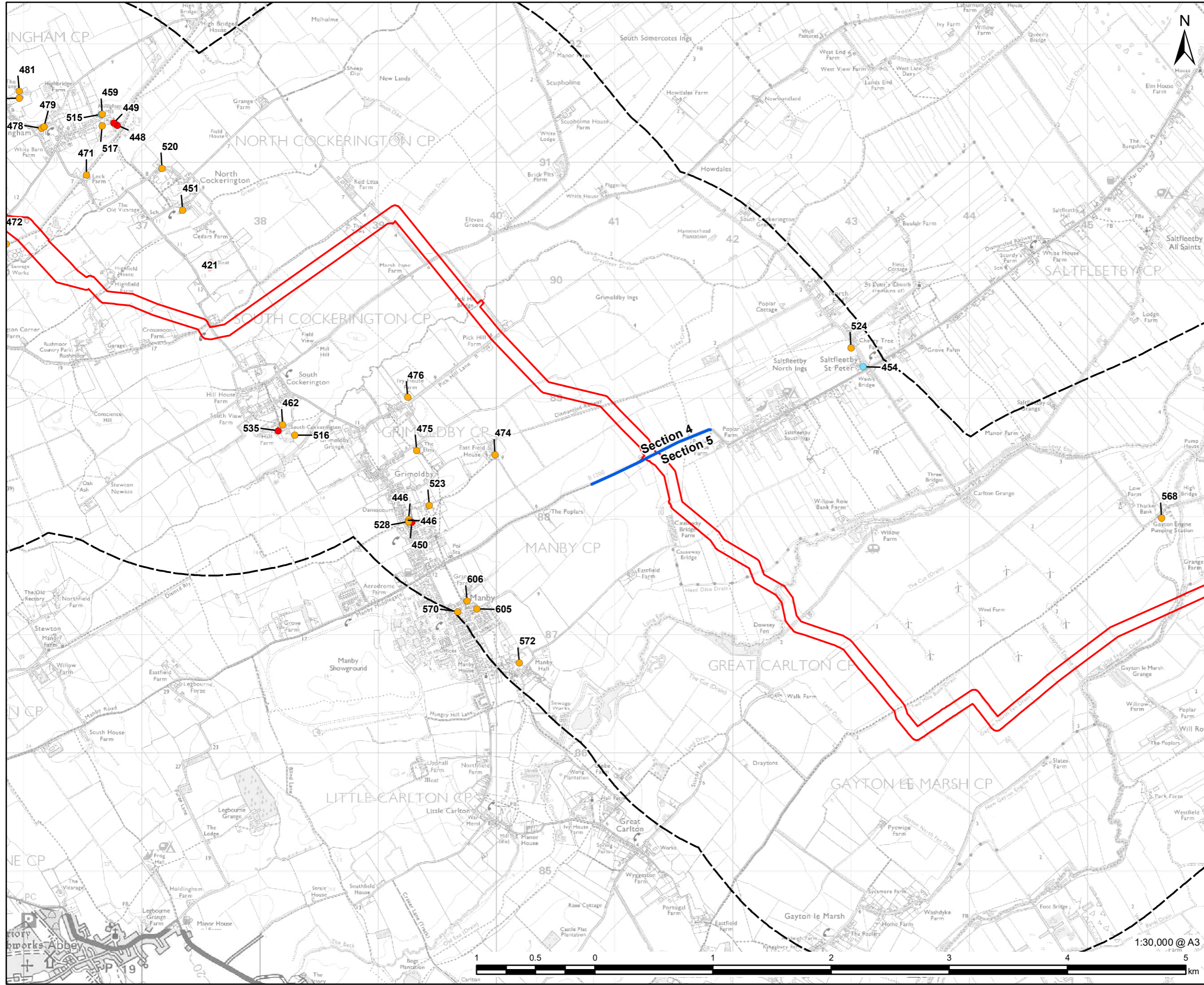


FIGURE TITLE
 Figure 8-1 (5 of 7)
Location of Designated Heritage Assets within 2km

ISSUE PURPOSE
 ENVIRONMENTAL STATEMENT

PROJECT NUMBER / REFERENCE
 60668955 / VCCS_230914_ES_8-1





LEGEND

- DCO Site Boundary
- Route Section Break
- 2km Wider Study Area
- Grade I Listed Building
- Grade II Listed Building
- Grade II* Listed Building
- Scheduled Monument

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. © Historic England 2023. Contains Ordnance Survey data © Crown copyright and database right 2023 The Historic England GIS Data contained in this material was obtained on 19/05/2023.

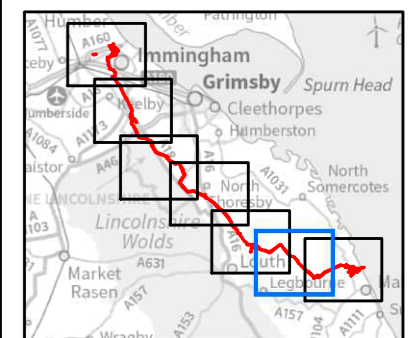
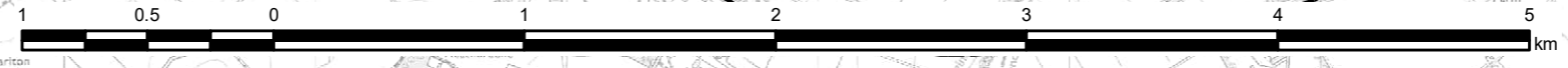
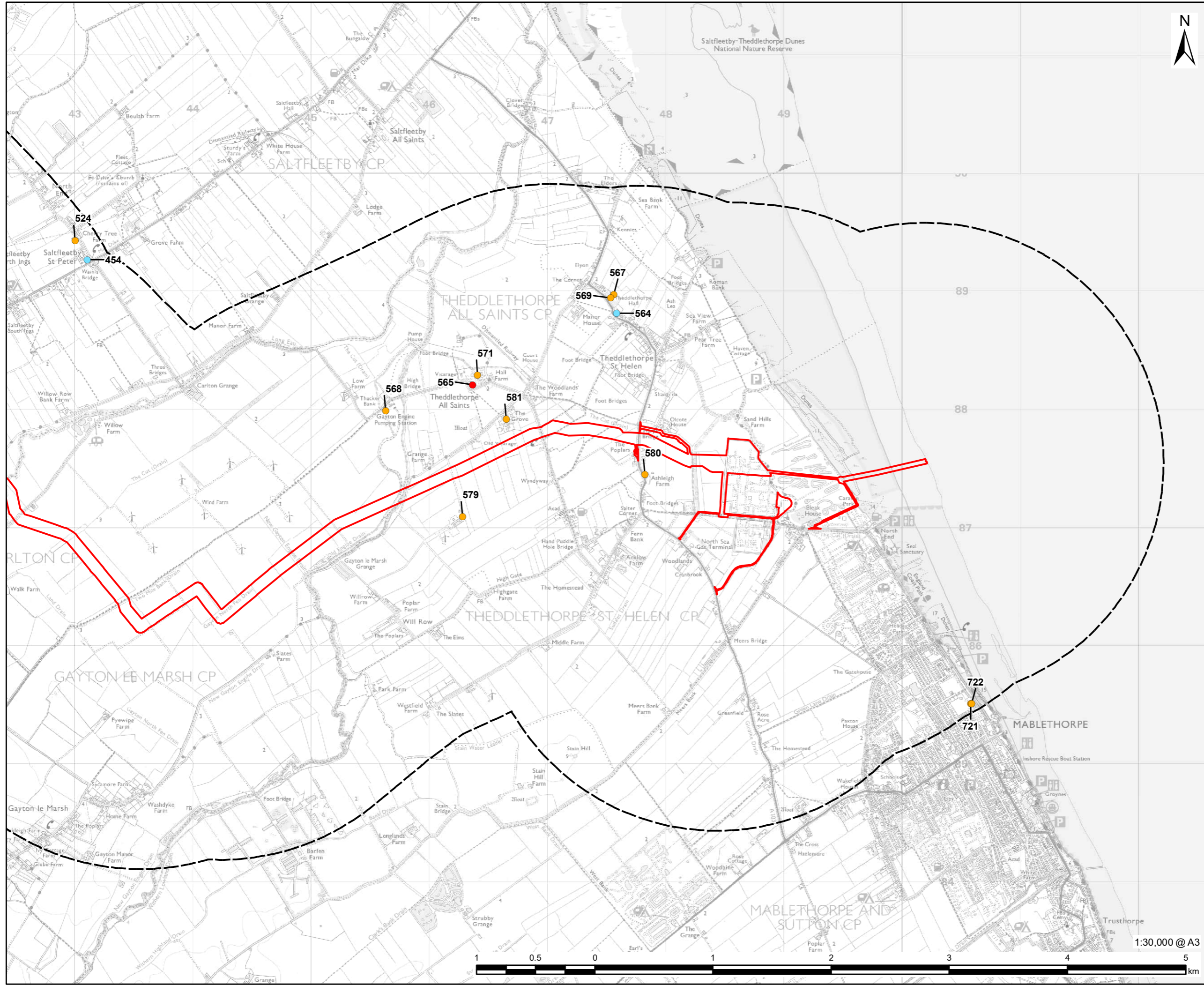


FIGURE TITLE
Figure 8-1 (6 of 7)
Location of Designated Heritage Assets within 2km

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.





- LEGEND**
- DCO Site Boundary
 - 2km Wider Study Area
 - Grade I Listed Building
 - Grade II Listed Building
 - Grade II* Listed Building

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. © Historic England 2023. Contains Ordnance Survey data © Crown copyright and database right 2023 The Historic England GIS Data contained in this material was obtained on 19/05/2023.

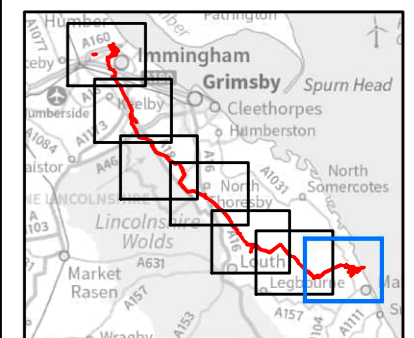
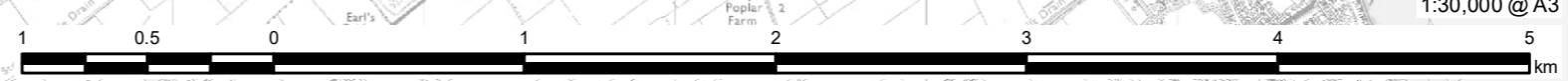


FIGURE TITLE
Figure 8-1 (7 of 7)
Location of Designated Heritage Assets with 2km



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as signed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



LEGEND

- DCO Site Boundary
- 500m Study Area
- HER Monument - Point
- HER Monument - Line
- HER Monument - Area

* HER - Historic Environment Records

NOTES:

Reproduced from Ordnance Survey digital map data © Crown copyright [2022]. All rights reserved. Licence number 0100031673.

Contains public sector information licensed under the Open Government Licence v3.0.

Lincolnshire CC HER
North Lincolnshire Council HER
North East Lincolnshire Council HER

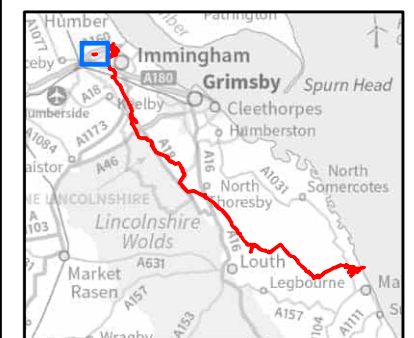


FIGURE TITLE

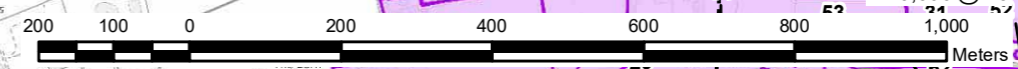
Figure 8-2 (1 of 20)
Location of Non-Designated Heritage Assets within 500m

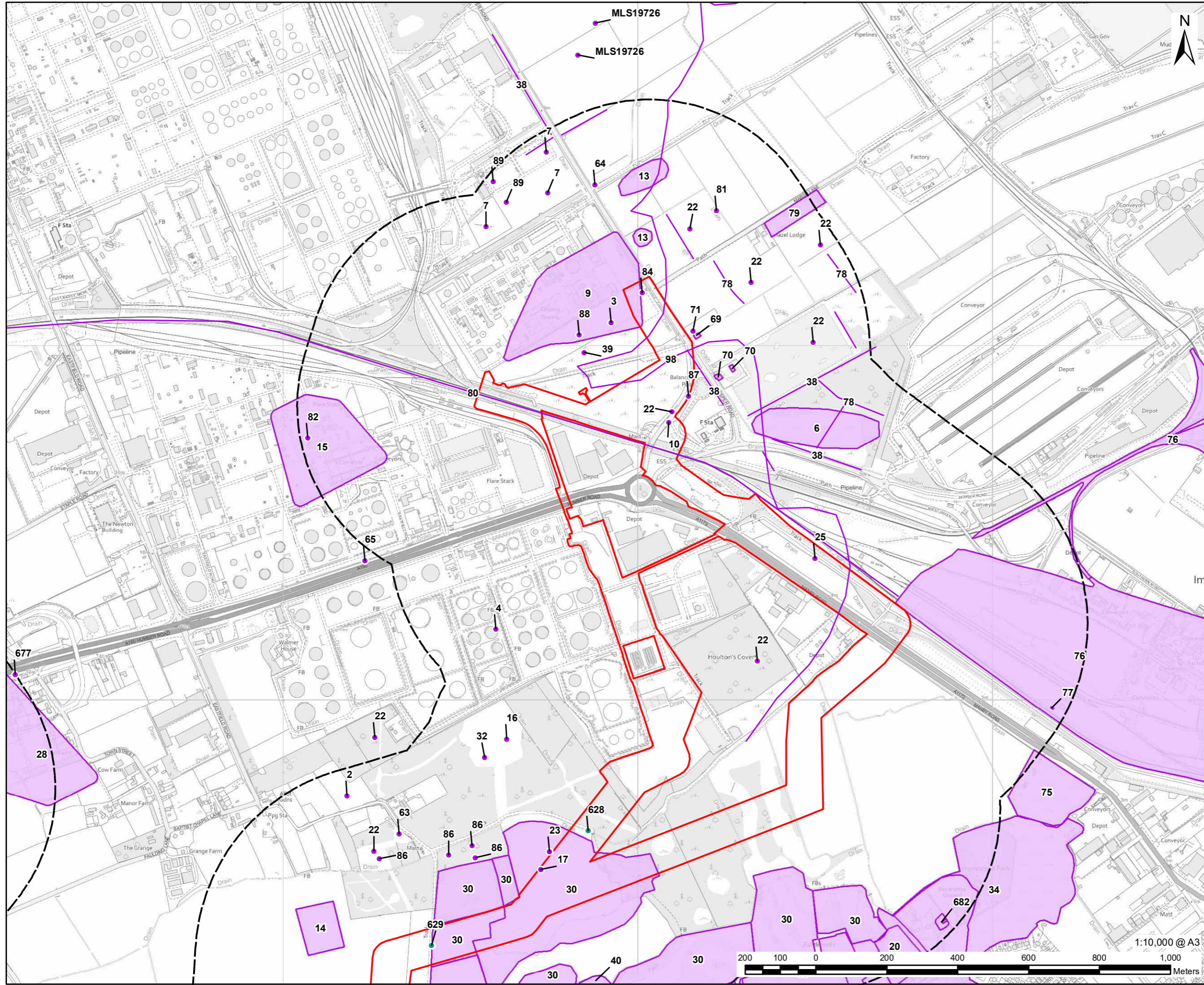
ISSUE PURPOSE

ENVIRONMENTAL STATEMENT

PROJECT NUMBER / REFERENCE

60668955 / VCCS_231004_ES_8-2





- LEGEND
- DCO Site Boundary
 - 500m Study Area
 - HER Monument - Point
 - HER Monument - Line
 - HER Monument - Area
 - Additional Non-Designated Asset

* HER - Historic Environment Records

NOTES:

Reproduced from Ordnance Survey digital map data © Crown copyright [2022]. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0.

Lincolnshire CC HER
North Lincolnshire Council HER
North East Lincolnshire Council HER

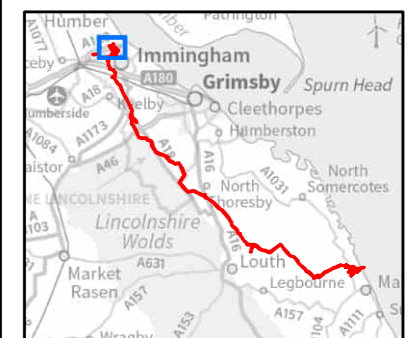
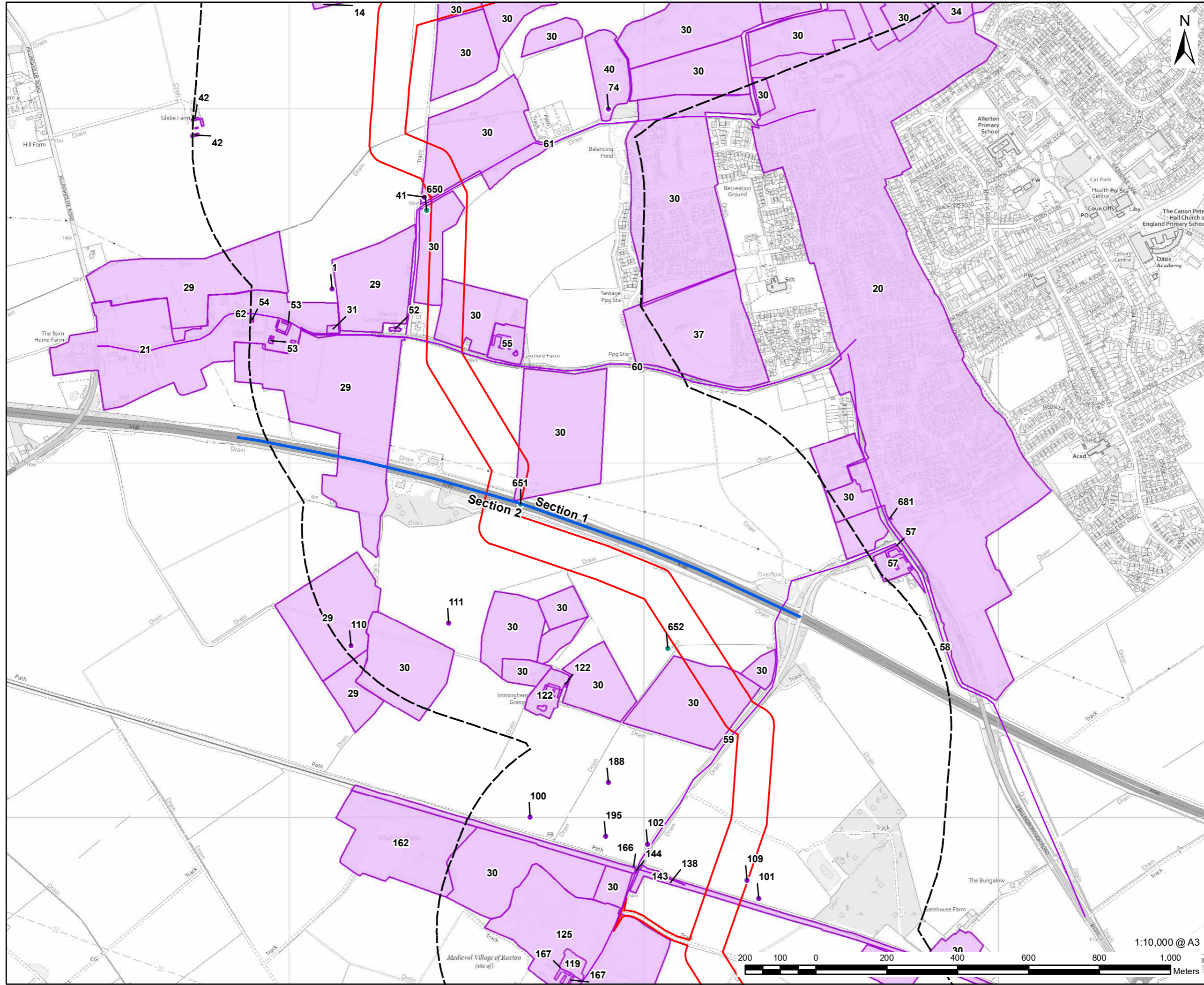


FIGURE TITLE

Figure 8-2 (2 of 20)
Location of Non-Designated Heritage Assets within 500m



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. All measurements must be obtained from the stated dimensions.



LEGEND

- DCO Site Boundary
- Route Section Break
- 500m Study Area
- HER Monument - Point
- HER Monument - Line
- HER Monument - Area
- Additional Non-Designated Asset

* HER - Historic Environment Records

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright [2022]. All rights reserved. Licence number 0100031673.
 Contains public sector information licensed under the Open Government Licence v3.0.
 Lincolnshire CC HER
 North Lincolnshire Council HER
 North East Lincolnshire Council HER

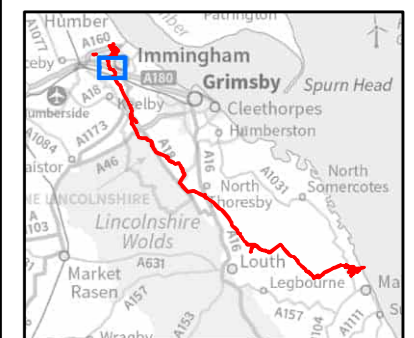
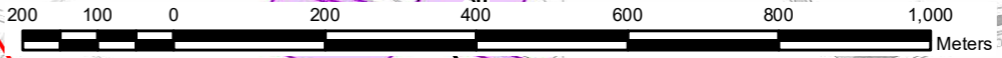


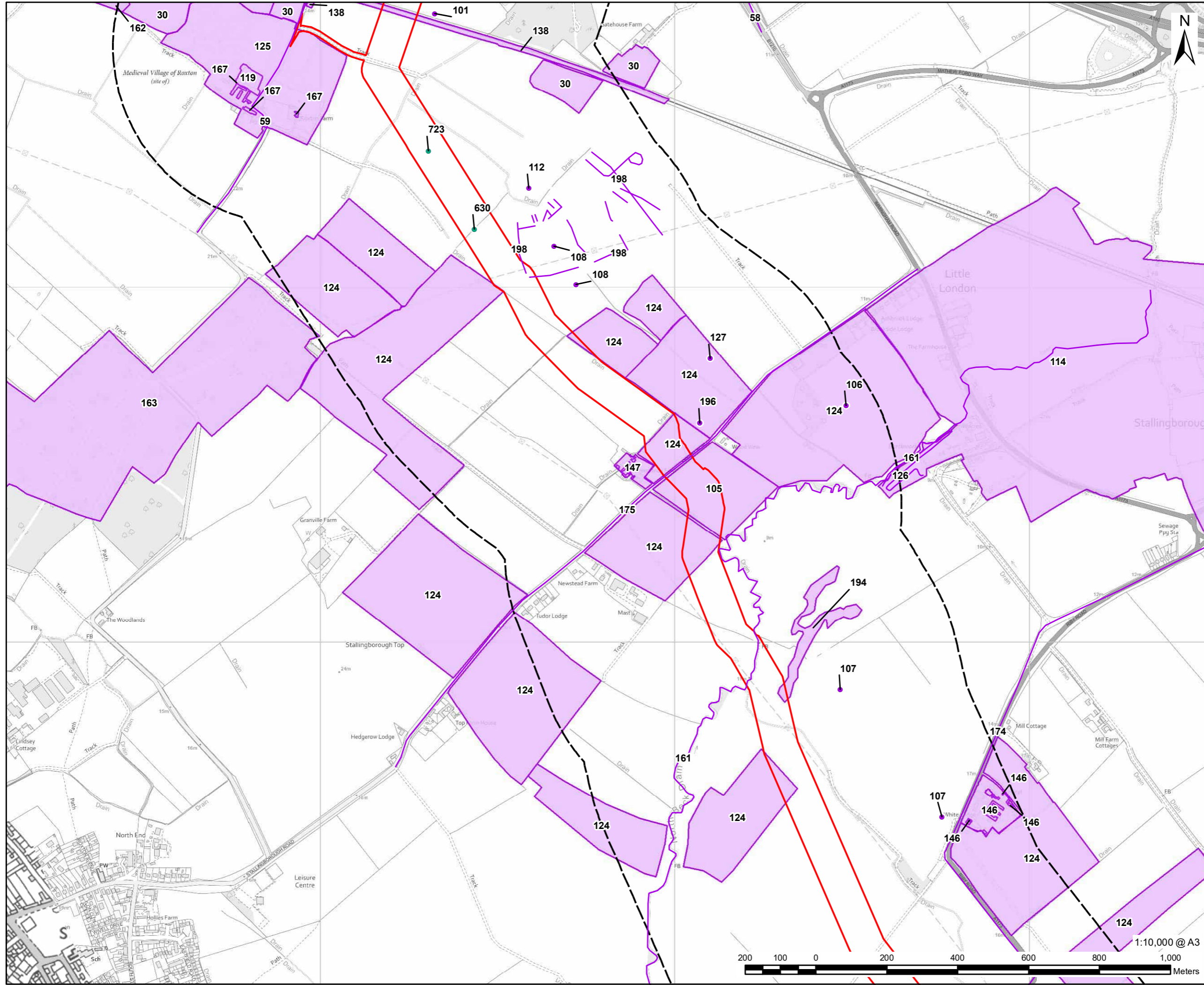
FIGURE TITLE

Figure 8-2 (3 of 20)
Location of Non-Designated Heritage Assets within 500m

1:10,000 @ A3



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



LEGEND

- DCO Site Boundary
- 500m Study Area
- HER Monument - Point
- HER Monument - Line
- HER Monument - Area
- Additional Non-Designated Asset

* HER - Historic Environment Records

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright [2022]. All rights reserved. Licence number 0100031673.
 Contains public sector information licensed under the Open Government Licence v3.0.
 Lincolnshire CC HER
 North Lincolnshire Council HER
 North East Lincolnshire Council HER

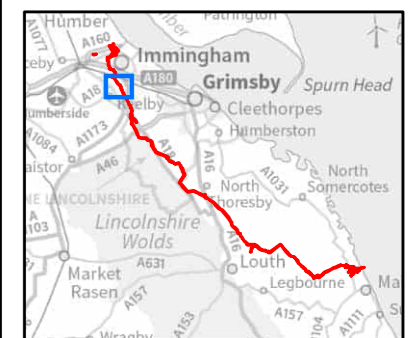
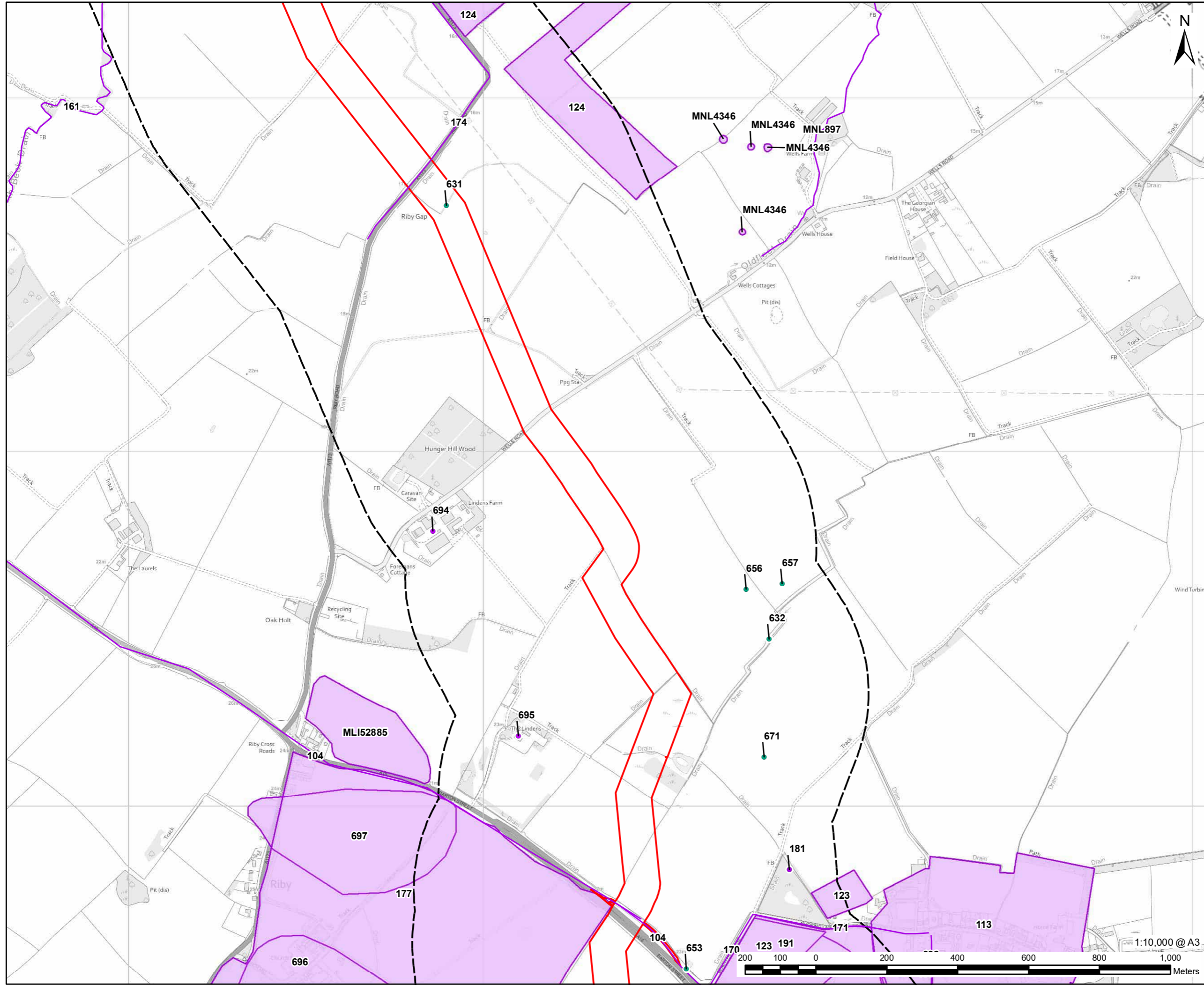


FIGURE TITLE
Figure 8-2 (4 of 20)
Location of Non-Designated Heritage Assets within 500m

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



PROJECT
Viking CCS Pipeline

- LEGEND**
- DCO Site Boundary
 - 500m Study Area
 - HER Monument - Point
 - HER Monument - Line
 - HER Monument - Area
 - Additional Non-Designated Asset

* HER - Historic Environment Records

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright [2022]. All rights reserved. Licence number 0100031673.
 Contains public sector information licensed under the Open Government Licence v3.0.
 Lincolnshire CC HER
 North Lincolnshire Council HER
 North East Lincolnshire Council HER

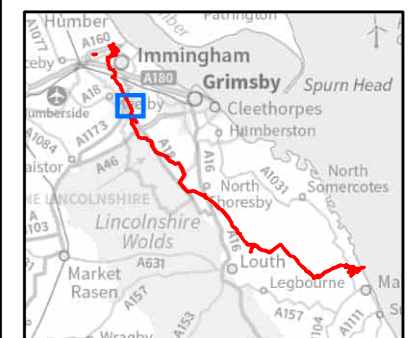
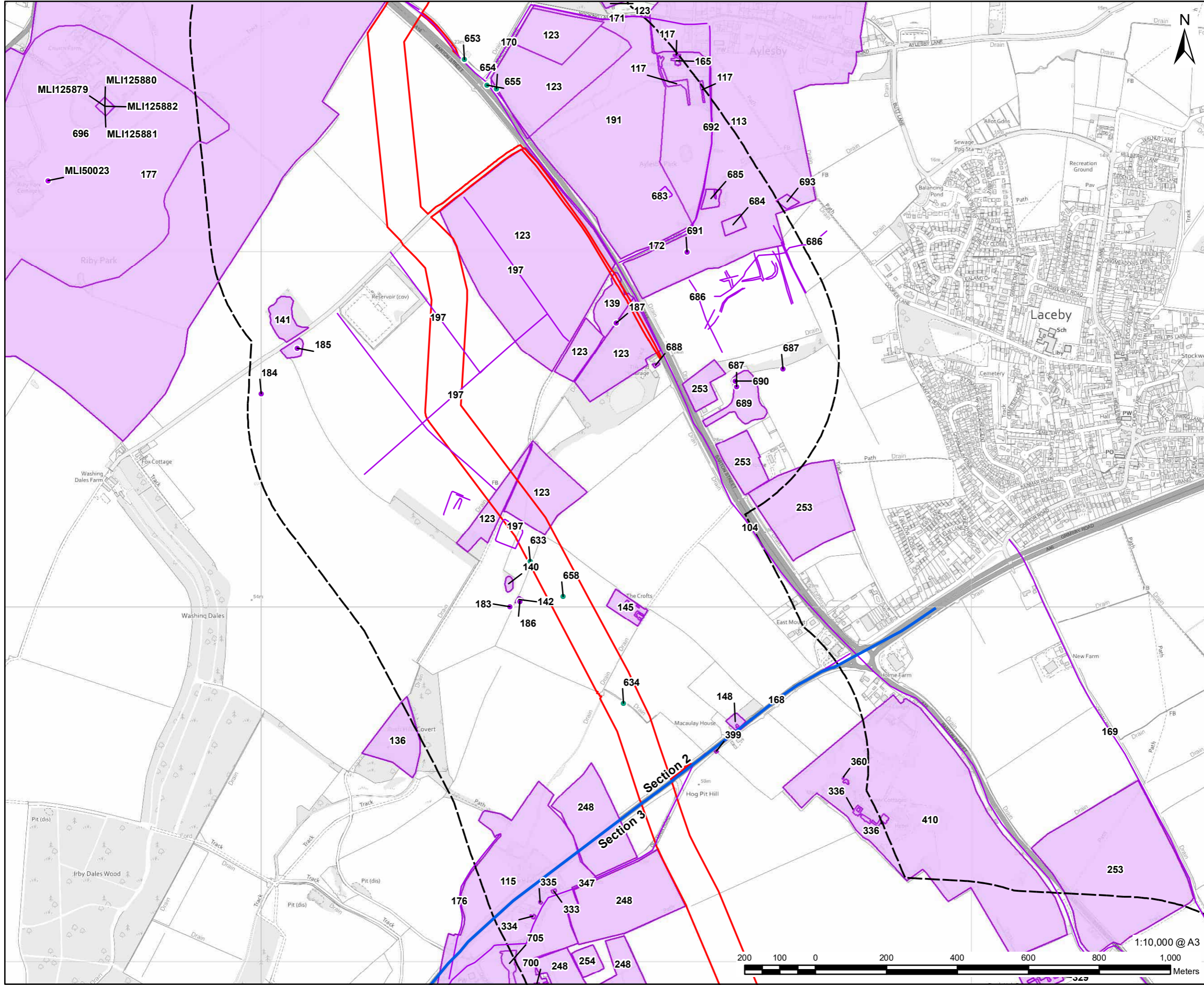


FIGURE TITLE
Figure 8-2 (5 of 20)
Location of Non-Designated Heritage Assets within 500m

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



LEGEND

- DCO Site Boundary
- Route Section Break
- 500m Study Area
- HER Monument - Point
- HER Monument - Line
- HER Monument - Area
- Additional Non-Designated Asset

* HER - Historic Environment Records

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright [2022]. All rights reserved. Licence number 0100031673.
 Contains public sector information licensed under the Open Government Licence v3.0.
 Lincolnshire CC HER
 North Lincolnshire Council HER
 North East Lincolnshire Council HER

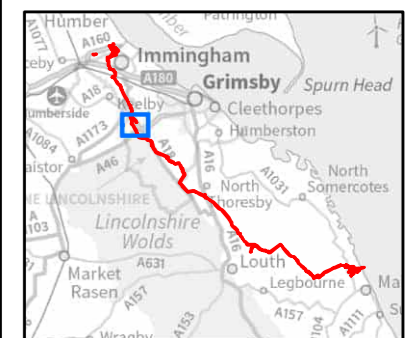
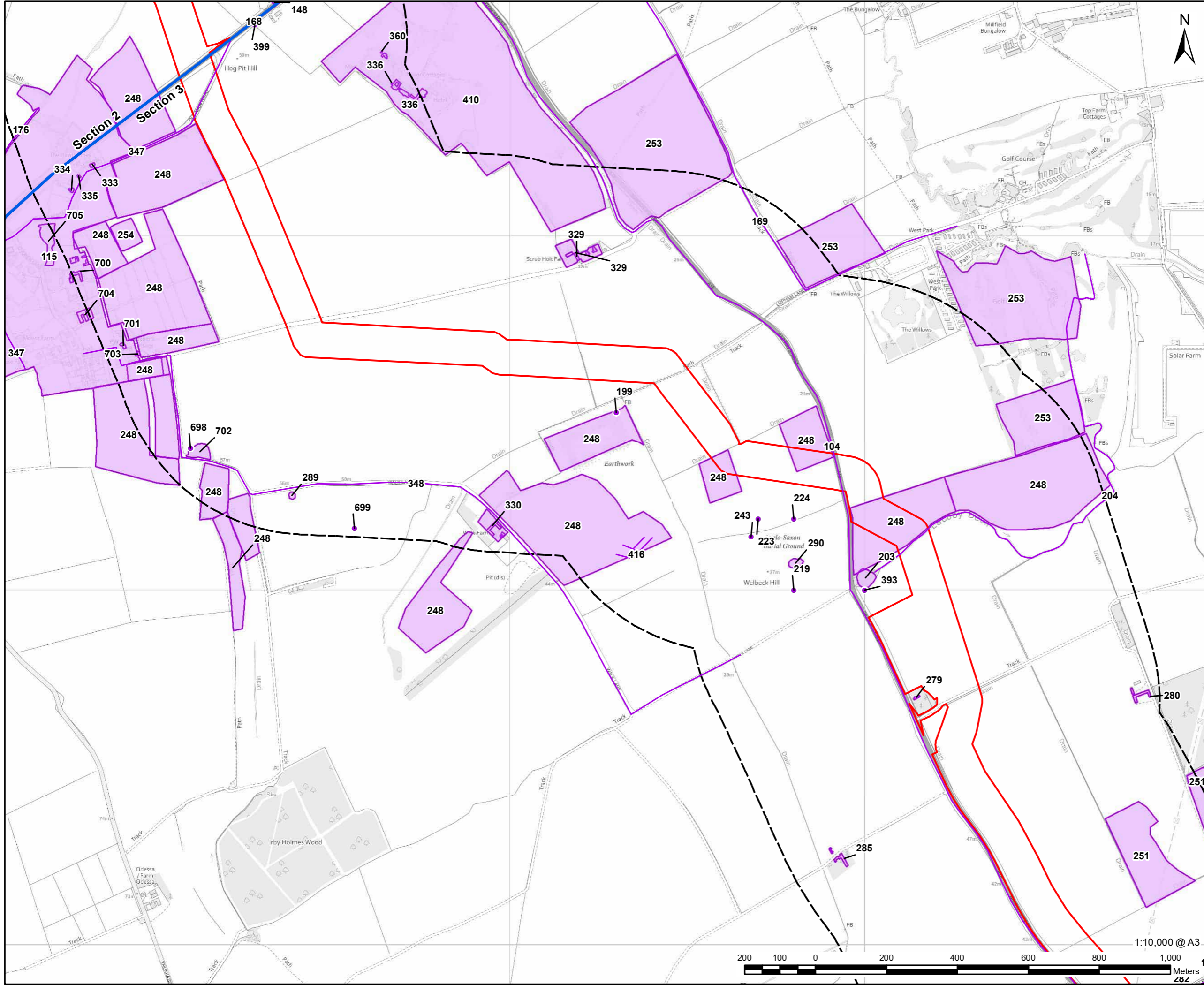


FIGURE TITLE

Figure 8-2 (6 of 20)
Location of Non-Designated Heritage Assets within 500m

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.





PROJECT
Viking CCS Pipeline

- LEGEND**
- DCO Site Boundary
 - Route Section Break
 - 500m Study Area
 - HER Monument - Point
 - HER Monument - Line
 - HER Monument - Area

* HER - Historic Environment Records

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright [2022]. All rights reserved. Licence number 0100031673.
 Contains public sector information licensed under the Open Government Licence v3.0.
 Lincolnshire CC HER
 North Lincolnshire Council HER
 North East Lincolnshire Council HER

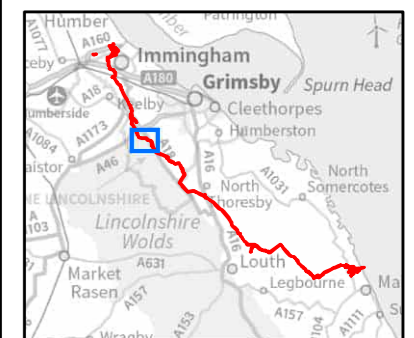
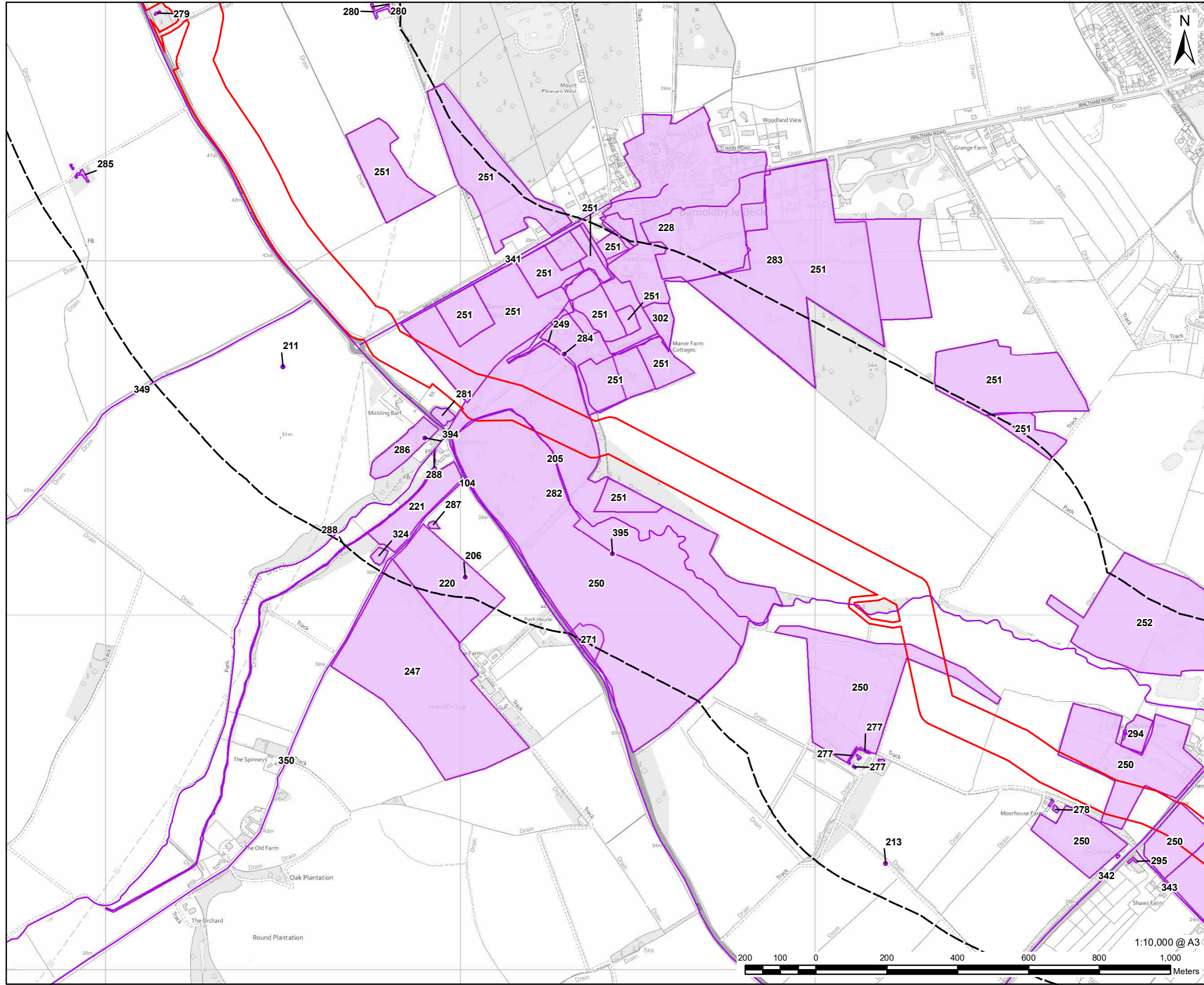


FIGURE TITLE
Figure 8-2 (7 of 20)
Location of Non-Designated Heritage Assets within 500m

ISSUE PURPOSE
 ENVIRONMENTAL STATEMENT
PROJECT NUMBER / REFERENCE
 60668955 / VCCS_231004_ES_8-2

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



LEGEND

- DCO Site Boundary
- 500m Study Area
- HER Monument - Point
- HER Monument - Line
- HER Monument - Area

* HER - Historic Environment Records

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright [2022]. All rights reserved. Licence number 0100031673.
 Contains public sector information licensed under the Open Government Licence v3.0.
 Lincolnshire CC HER
 North Lincolnshire Council HER
 North East Lincolnshire Council HER

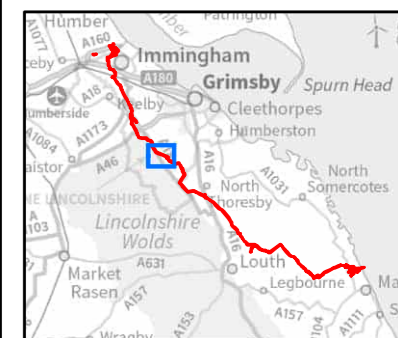
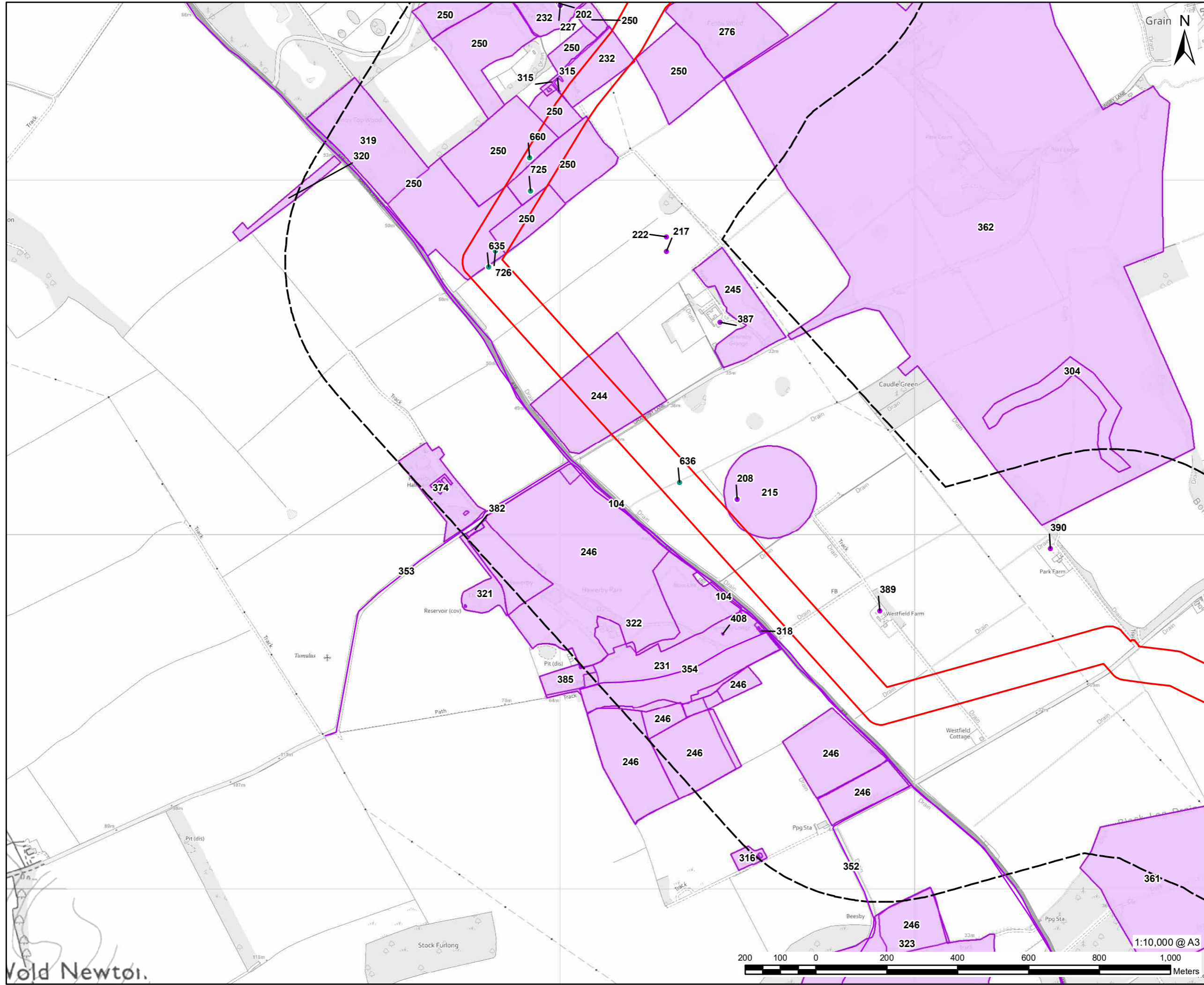


FIGURE TITLE
Figure 8-2 (8 of 20)
Location of Non-Designated Heritage Assets within 500m





- LEGEND**
- DCO Site Boundary
 - 500m Study Area
 - HER Monument - Point
 - HER Monument - Line
 - HER Monument - Area
 - Additional Non-Designated Asset

* HER - Historic Environment Records

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright [2022]. All rights reserved. Licence number 0100031673.
 Contains public sector information licensed under the Open Government Licence v3.0.
 Lincolnshire CC HER
 North Lincolnshire Council HER
 North East Lincolnshire Council HER

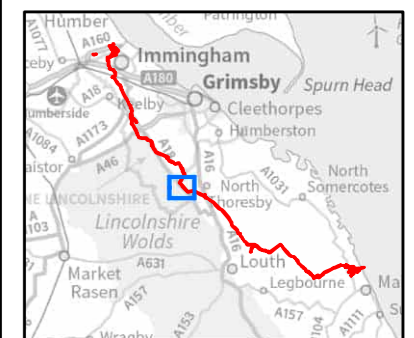
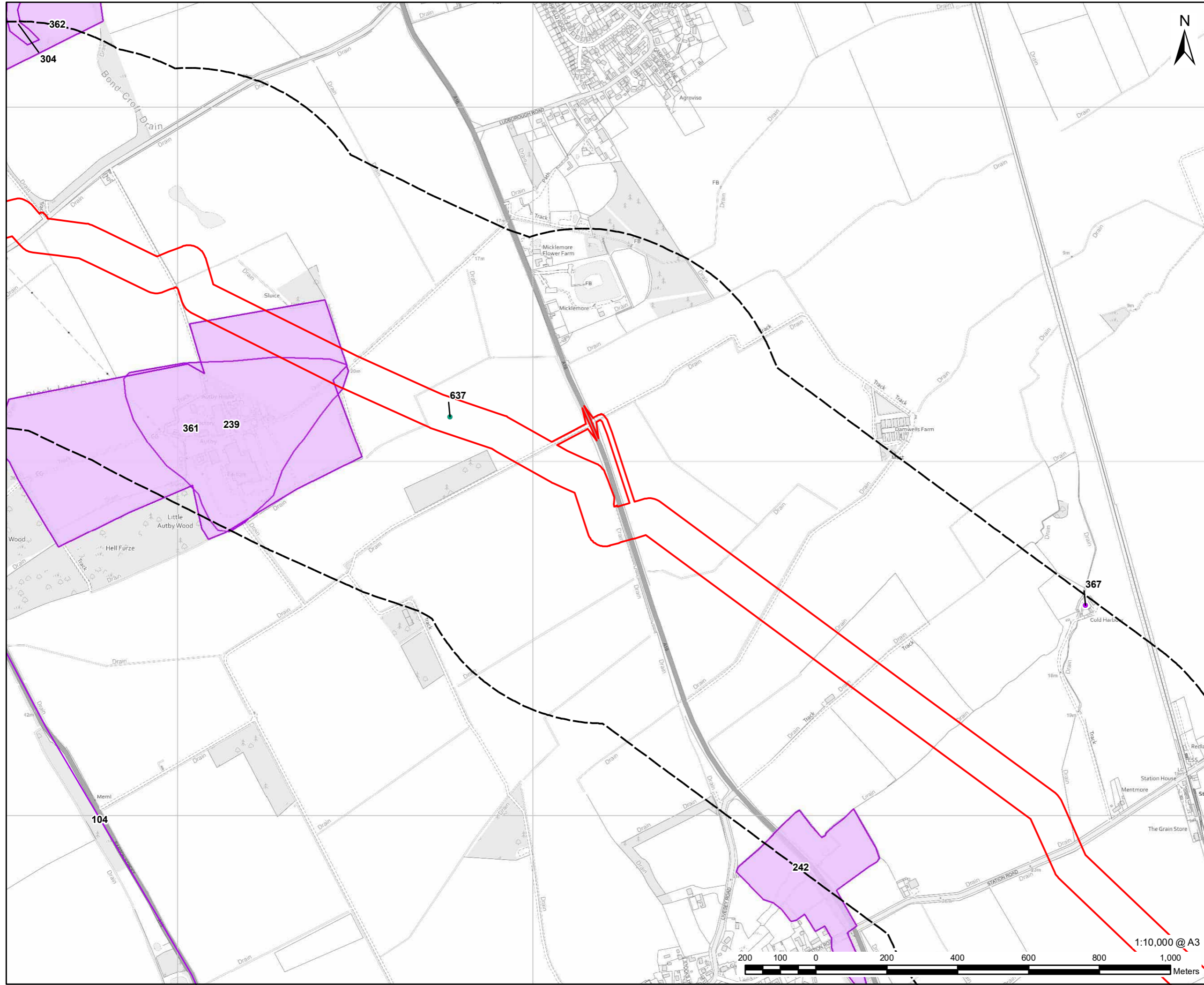


FIGURE TITLE
Figure 8-2 (10 of 20)
Location of Non-Designated Heritage Assets within 500m

ISSUE PURPOSE
 ENVIRONMENTAL STATEMENT
PROJECT NUMBER / REFERENCE
 60668955 / VCCS_231004_ES_8-2



- LEGEND**
- DCO Site Boundary
 - 500m Study Area
 - HER Monument - Point
 - HER Monument - Line
 - HER Monument - Area
 - Additional Non-Designated Asset

* HER - Historic Environment Records

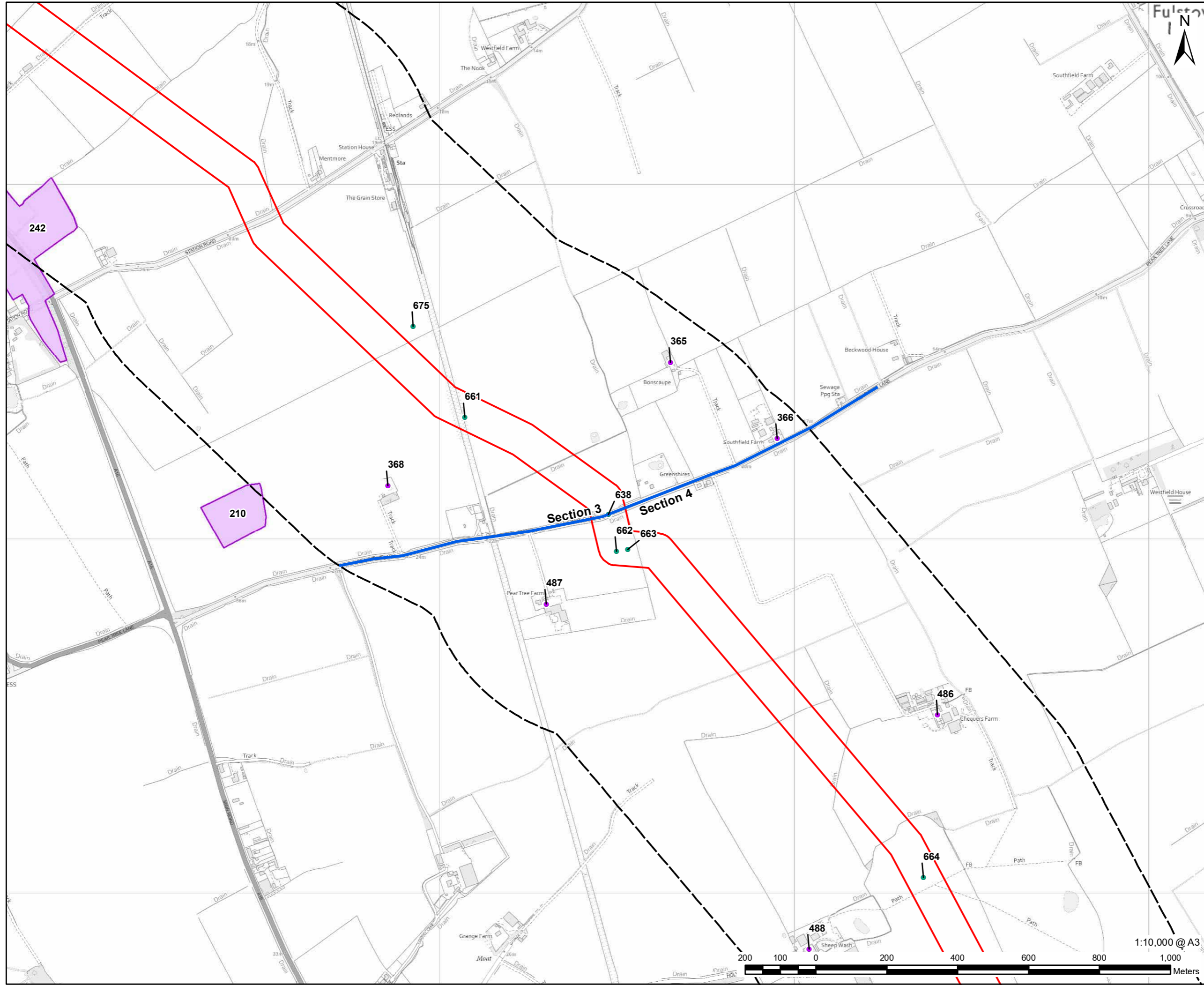
NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright [2022]. All rights reserved. Licence number 0100031673.
 Contains public sector information licensed under the Open Government Licence v3.0.
 Lincolnshire CC HER
 North Lincolnshire Council HER
 North East Lincolnshire Council HER



FIGURE TITLE
Figure 8-2 (11 of 20)
Location of Non-Designated Heritage Assets within 500m



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



- LEGEND**
- DCO Site Boundary
 - Route Section Break
 - 500m Study Area
 - HER Monument - Point
 - HER Monument - Line
 - HER Monument - Area
 - Additional Non-Designated Asset
- * HER - Historic Environment Records

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright [2022]. All rights reserved. Licence number 0100031673.
 Contains public sector information licensed under the Open Government Licence v3.0.
 Lincolnshire CC HER
 North Lincolnshire Council HER
 North East Lincolnshire Council HER

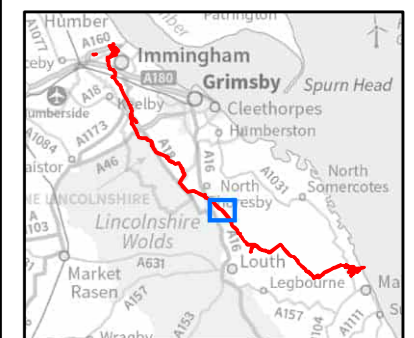
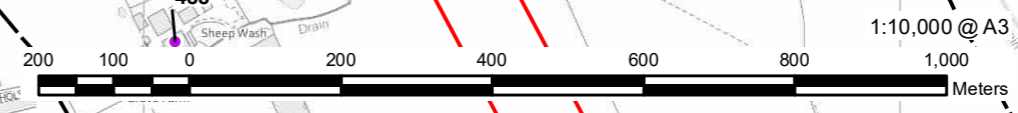
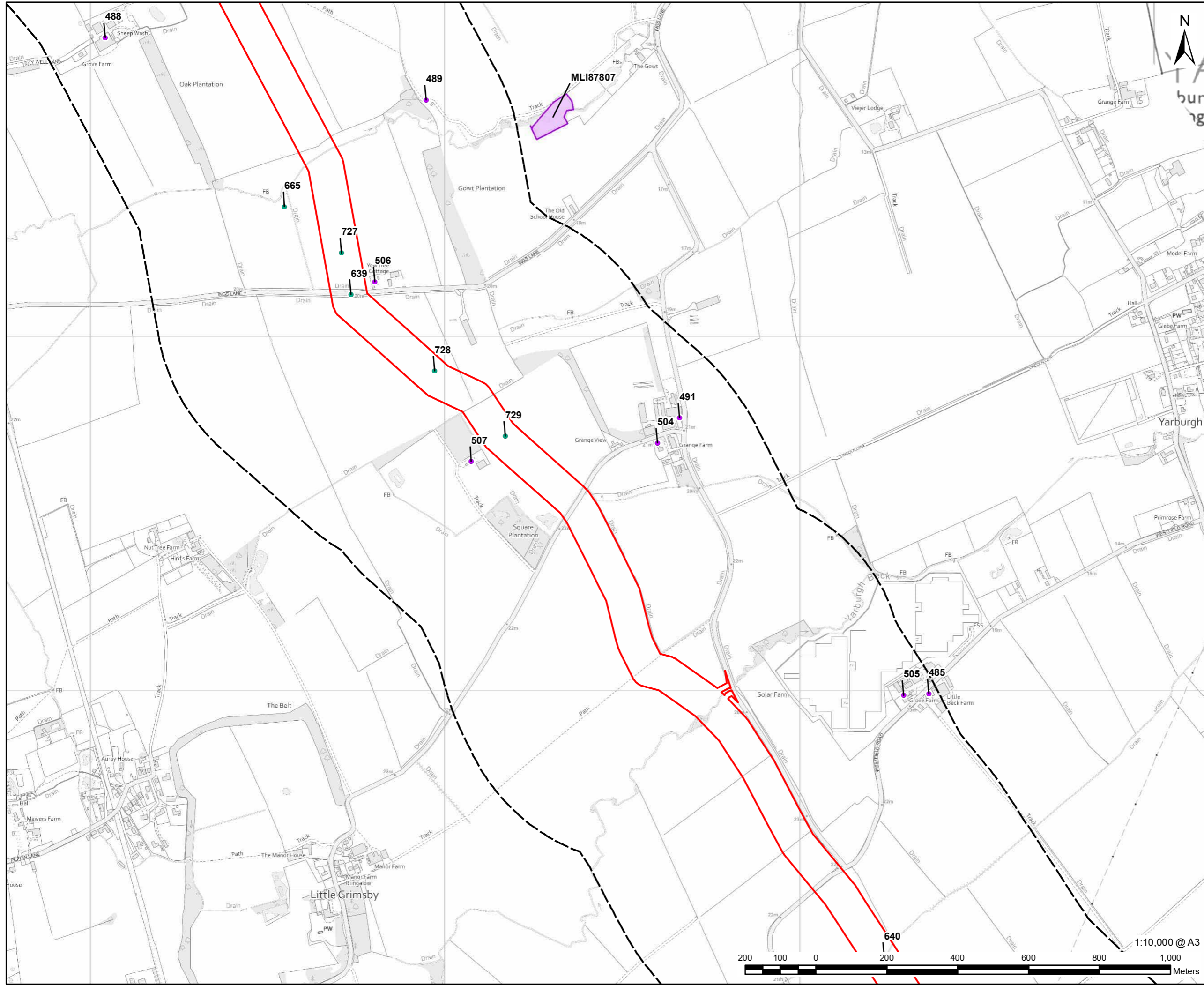


FIGURE TITLE
Figure 8-2 (12 of 20)
Location of Non-Designated Heritage Assets within 500m



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



LEGEND

- DCO Site Boundary
- 500m Study Area
- HER Monument - Point
- HER Monument - Line
- HER Monument - Area
- Additional Non-Designated Asset

* HER - Historic Environment Records

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright [2022]. All rights reserved. Licence number 0100031673.
 Contains public sector information licensed under the Open Government Licence v3.0.
 Lincolnshire CC HER
 North Lincolnshire Council HER
 North East Lincolnshire Council HER

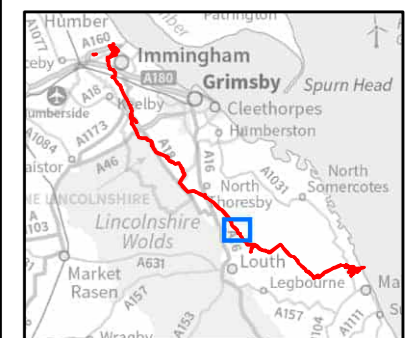
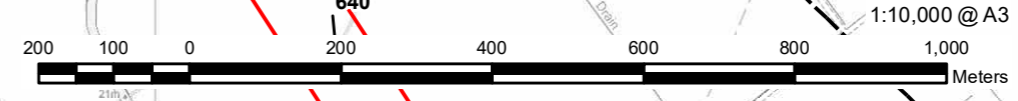
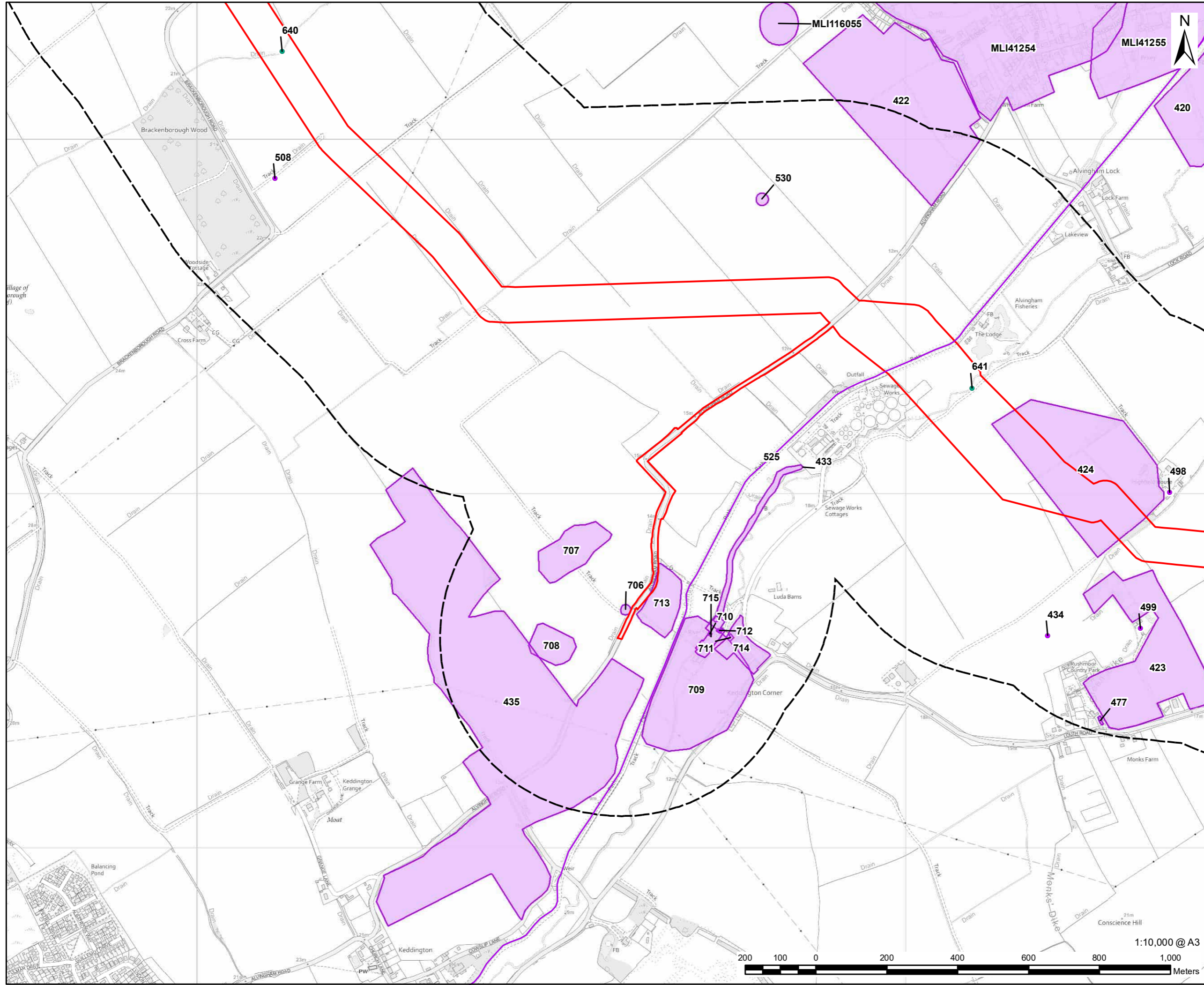


FIGURE TITLE
Figure 8-2 (13 of 20)
Location of Non-Designated Heritage Assets within 500m



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



- LEGEND**
- DCO Site Boundary
 - 500m Study Area
 - HER Monument - Point
 - HER Monument - Line
 - HER Monument - Area
 - Additional Non-Designated Asset

* HER - Historic Environment Records

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright [2022]. All rights reserved. Licence number 0100031673.
 Contains public sector information licensed under the Open Government Licence v3.0.
 Lincolnshire CC HER
 North Lincolnshire Council HER
 North East Lincolnshire Council HER

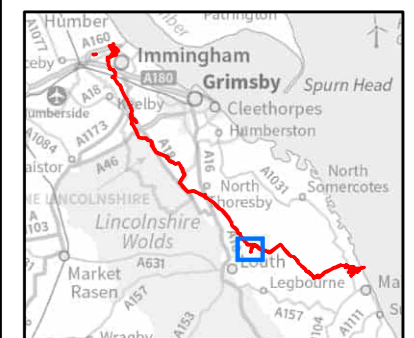
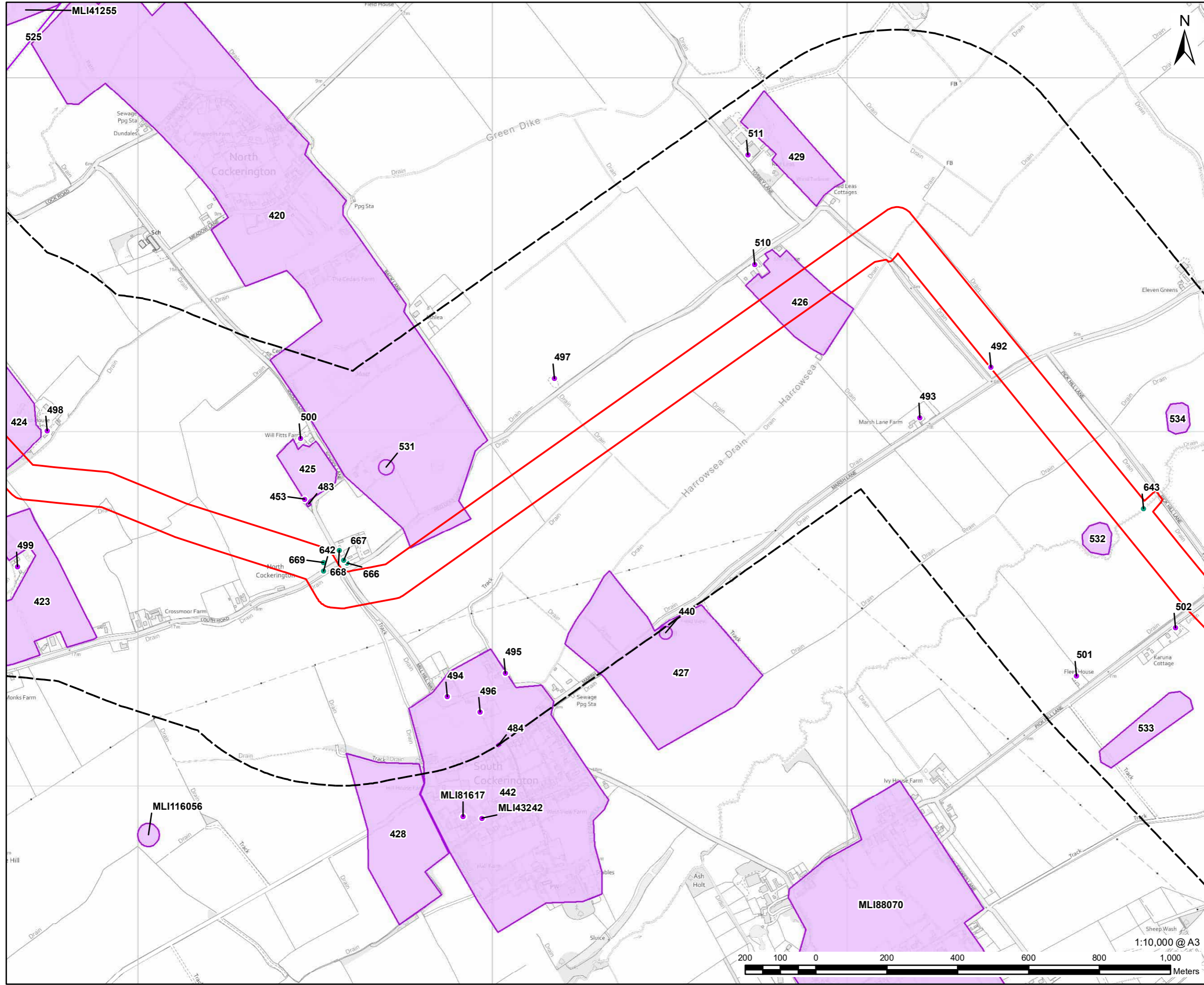


FIGURE TITLE
Figure 8-2 (14 of 20)
Location of Non-Designated Heritage Assets within 500m

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



LEGEND

- DCO Site Boundary
- 500m Study Area
- HER Monument - Point
- HER Monument - Line
- HER Monument - Area
- Additional Non-Designated Asset

* HER - Historic Environment Records

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright [2022]. All rights reserved. Licence number 0100031673.
 Contains public sector information licensed under the Open Government Licence v3.0.
 Lincolnshire CC HER
 North Lincolnshire Council HER
 North East Lincolnshire Council HER

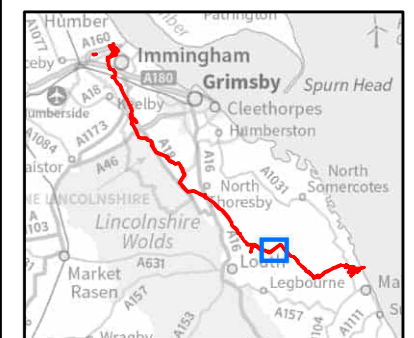
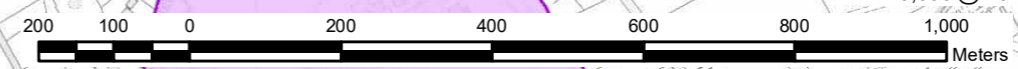
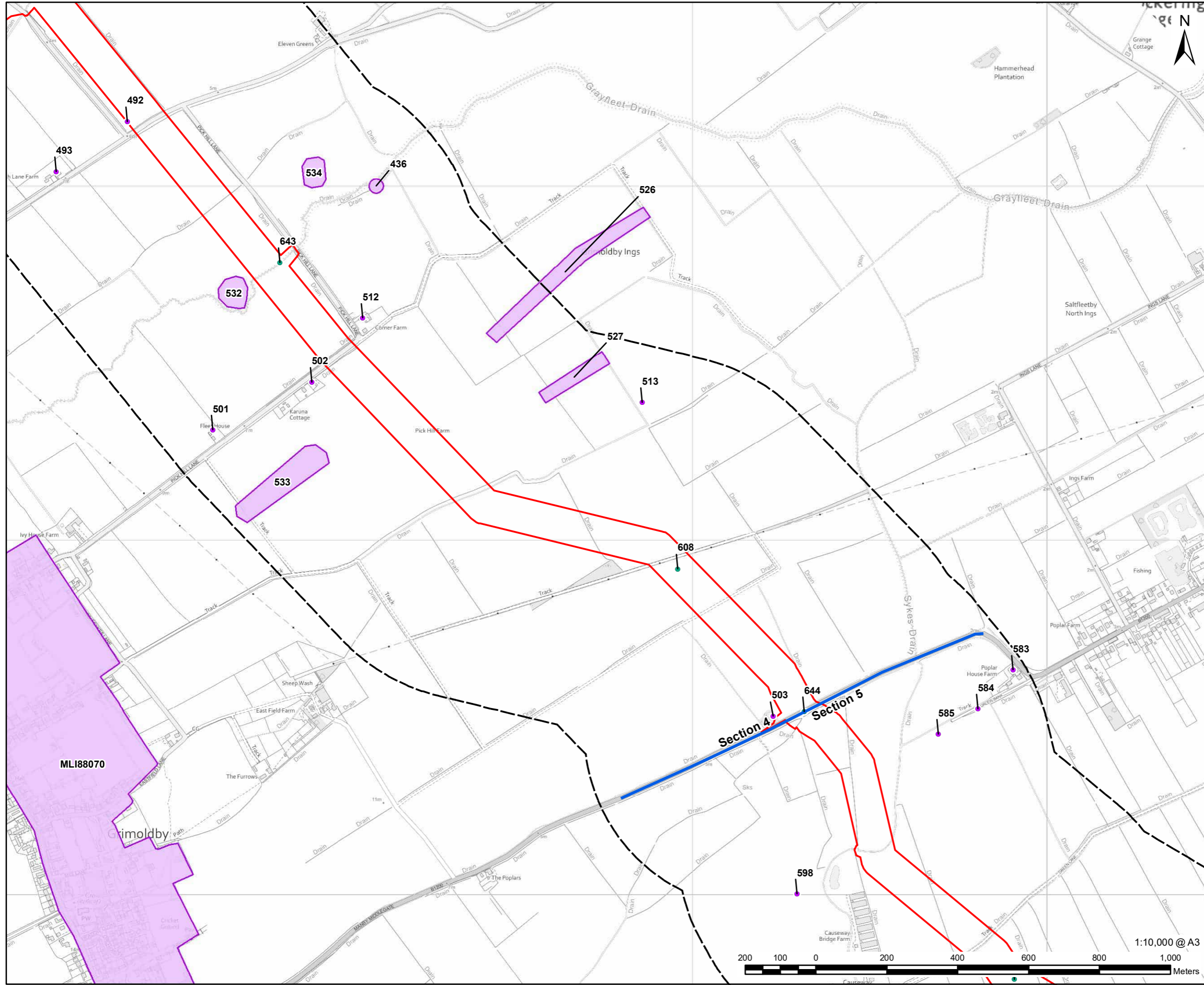


FIGURE TITLE

Figure 8-2 (15 of 20)
Location of Non-Designated Heritage Assets within 500m



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



LEGEND

- DCO Site Boundary
- Route Section Break
- 500m Study Area
- HER Monument - Point
- HER Monument - Line
- HER Monument - Area
- Additional Non-Designated Asset

* HER - Historic Environment Records

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright [2022]. All rights reserved. Licence number 0100031673.
 Contains public sector information licensed under the Open Government Licence v3.0.
 Lincolnshire CC HER
 North Lincolnshire Council HER
 North East Lincolnshire Council HER

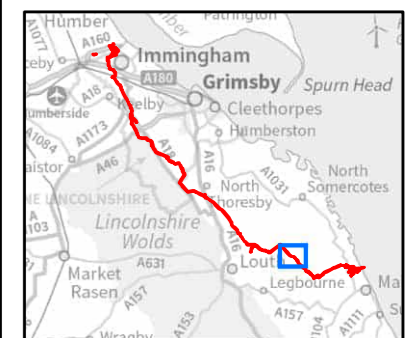


FIGURE TITLE

Figure 8-2 (16 of 20)
Location of Non-Designated Heritage Assets within 500m

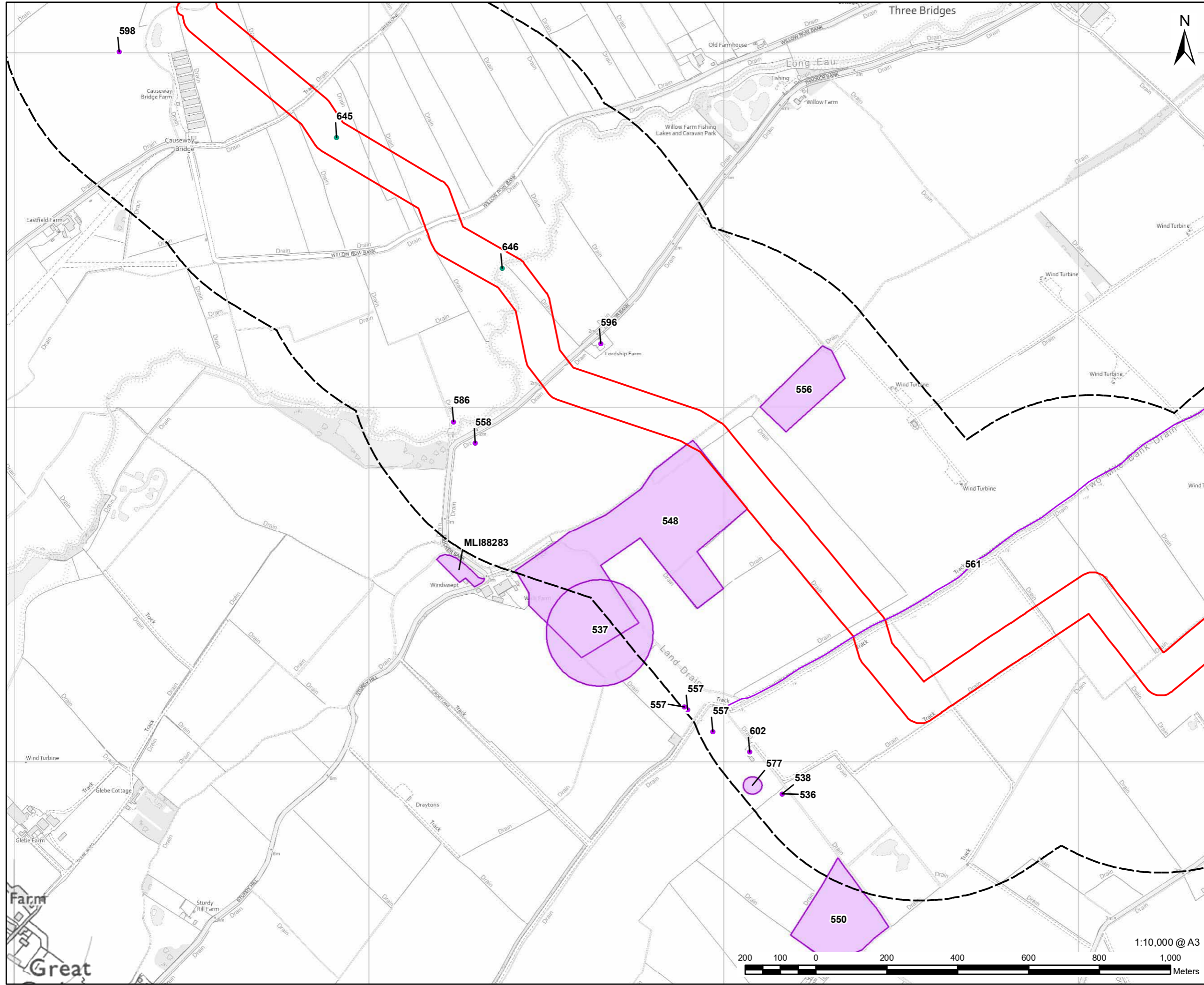
ISSUE PURPOSE

ENVIRONMENTAL STATEMENT

PROJECT NUMBER / REFERENCE

60668955 / VCCS_231004_ES_8-2

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



LEGEND

- DCO Site Boundary
- 500m Study Area
- HER Monument - Point
- HER Monument - Line
- HER Monument - Area
- Additional Non-Designated Asset

* HER - Historic Environment Records

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright [2022]. All rights reserved. Licence number 0100031673.
 Contains public sector information licensed under the Open Government Licence v3.0.
 Lincolnshire CC HER
 North Lincolnshire Council HER
 North East Lincolnshire Council HER

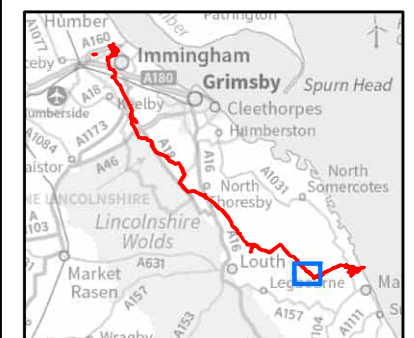
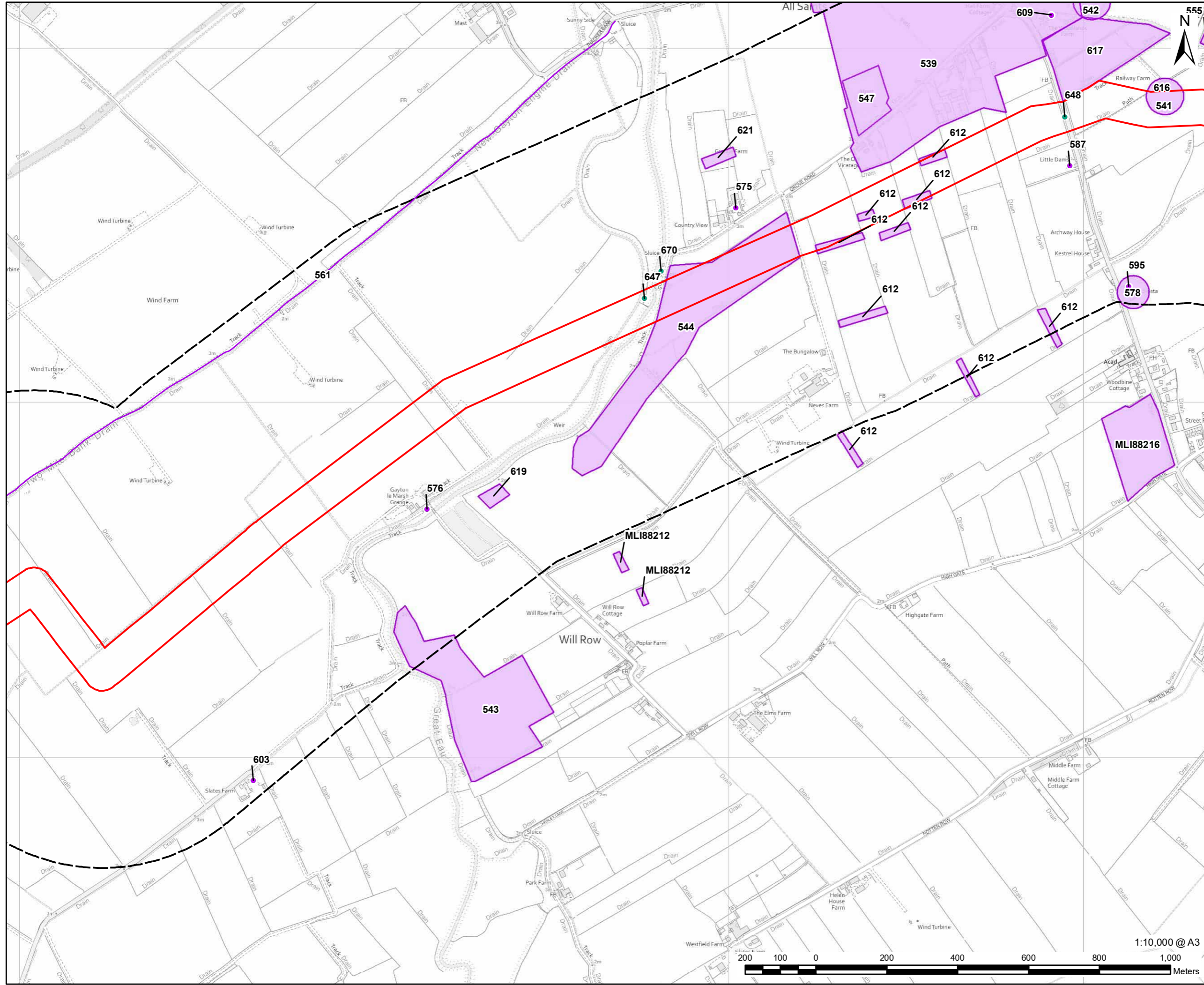


FIGURE TITLE

Figure 8-2 (17 of 20)
Location of Non-Designated Heritage Assets within 500m

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.





AECOM

PROJECT
Viking CCS Pipeline

- LEGEND**
- DCO Site Boundary
 - 500m Study Area
 - HER Monument - Point
 - HER Monument - Line
 - HER Monument - Area
 - Additional Non-Designated Asset

* HER - Historic Environment Records

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright [2022]. All rights reserved. Licence number 0100031673.
 Contains public sector information licensed under the Open Government Licence v3.0.
 Lincolnshire CC HER
 North Lincolnshire Council HER
 North East Lincolnshire Council HER

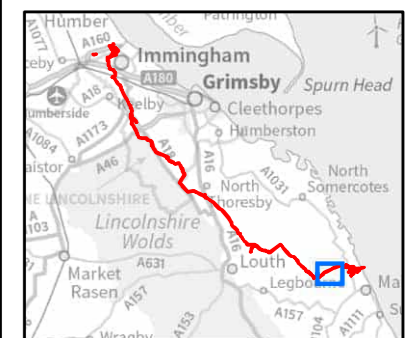
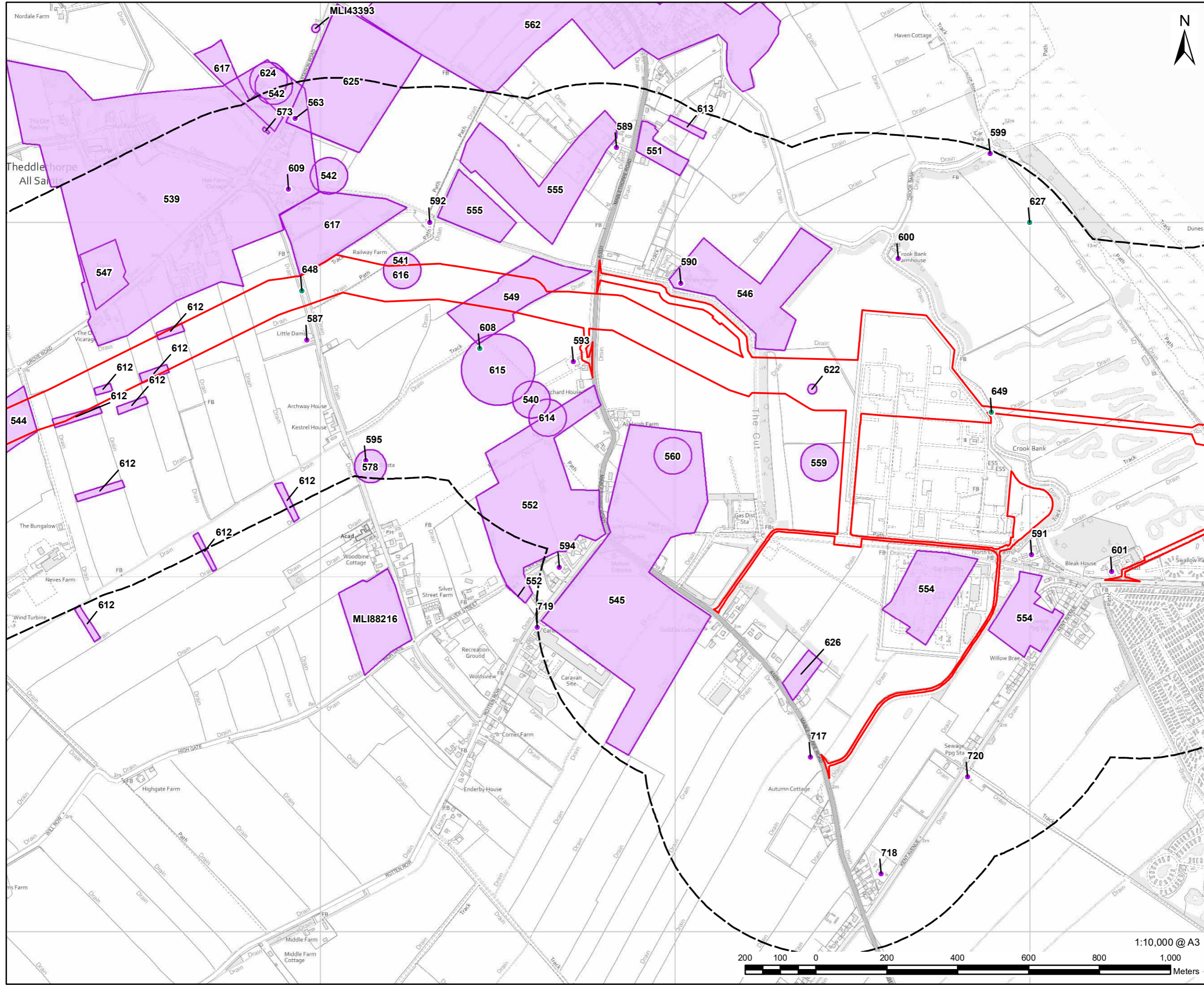


FIGURE TITLE
Figure 8-2 (18 of 20)
Location of Non-Designated Heritage Assets within 500m

ISSUE PURPOSE
 ENVIRONMENTAL STATEMENT
 PROJECT NUMBER / REFERENCE
 60668955 / VCCS_231004_ES_8-2

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. All measurements must be obtained from the stated dimensions. Do not scale this document.



- LEGEND**
- DCO Site Boundary
 - 500m Study Area
 - HER Monument - Point
 - HER Monument - Line
 - HER Monument - Area
 - Additional Non-Designated Asset

* HER - Historic Environment Records

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright [2022]. All rights reserved. Licence number 0100031673.
 Contains public sector information licensed under the Open Government Licence v3.0.
 Lincolnshire CC HER
 North Lincolnshire Council HER
 North East Lincolnshire Council HER

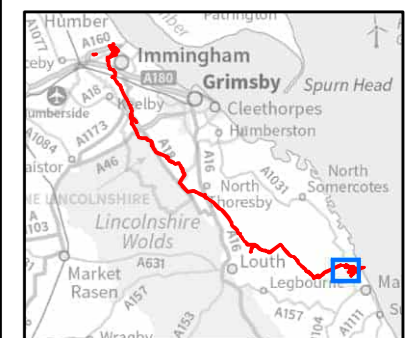
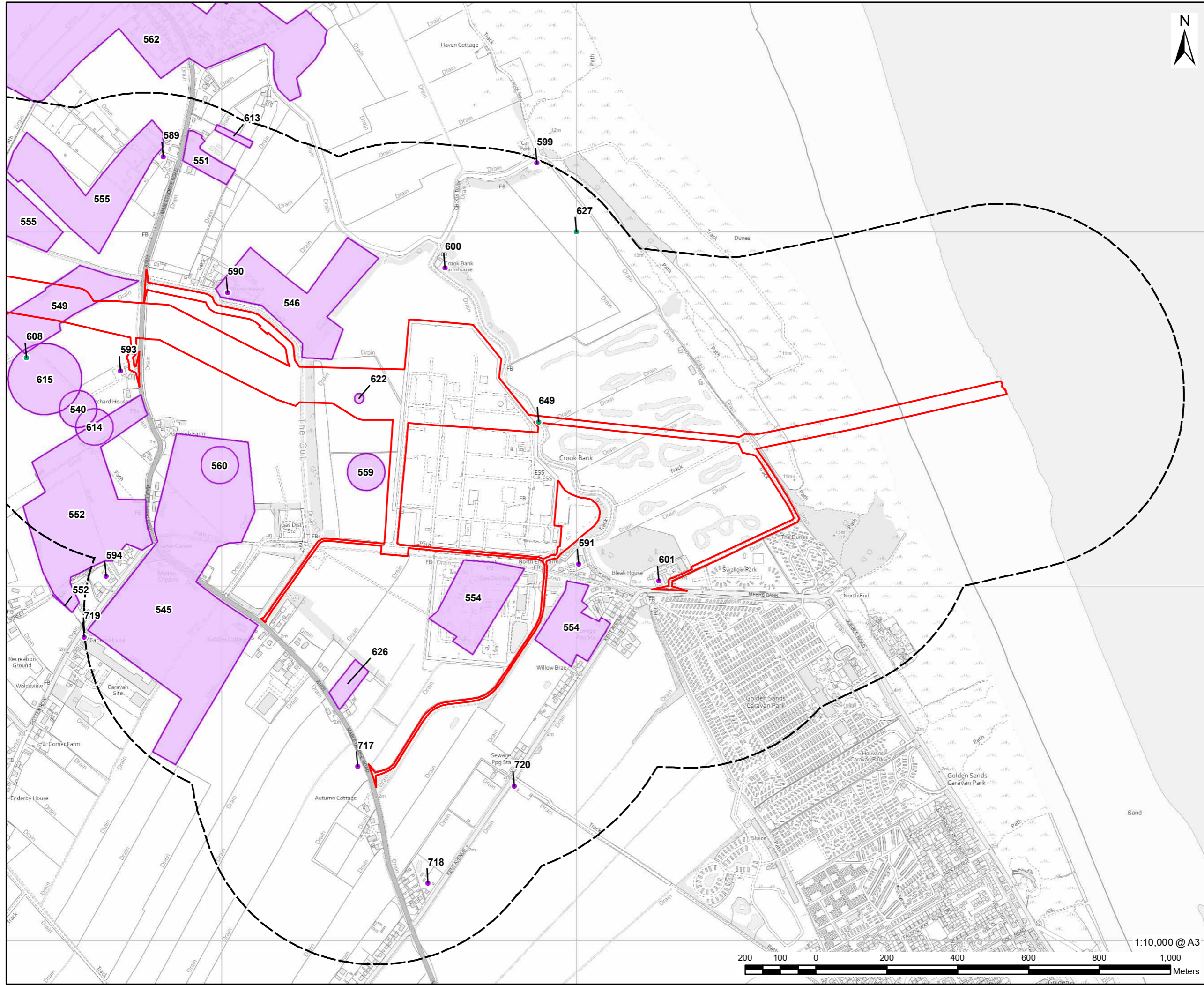


FIGURE TITLE
Figure 8-2 (19 of 20)
Location of Non-Designated Heritage Assets within 500m



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. All measurements must be obtained from the stated dimensions.



- LEGEND**
- DCO Site Boundary
 - 500m Study Area
 - HER Monument - Point
 - HER Monument - Line
 - HER Monument - Area
 - Additional Non-Designated Asset

* HER - Historic Environment Records

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright [2022]. All rights reserved. Licence number 0100031673.
 Contains public sector information licensed under the Open Government Licence v3.0.
 Lincolnshire CC HER
 North Lincolnshire Council HER
 North East Lincolnshire Council HER

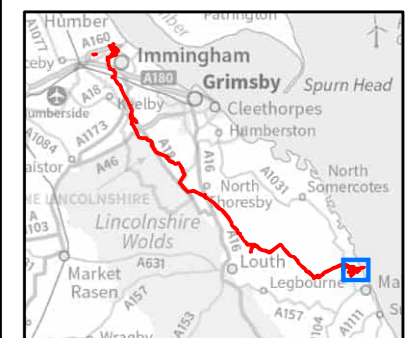
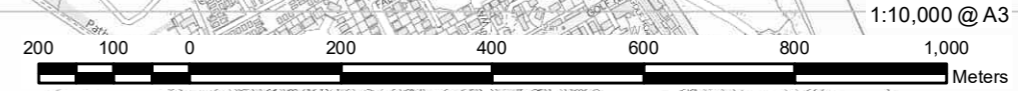
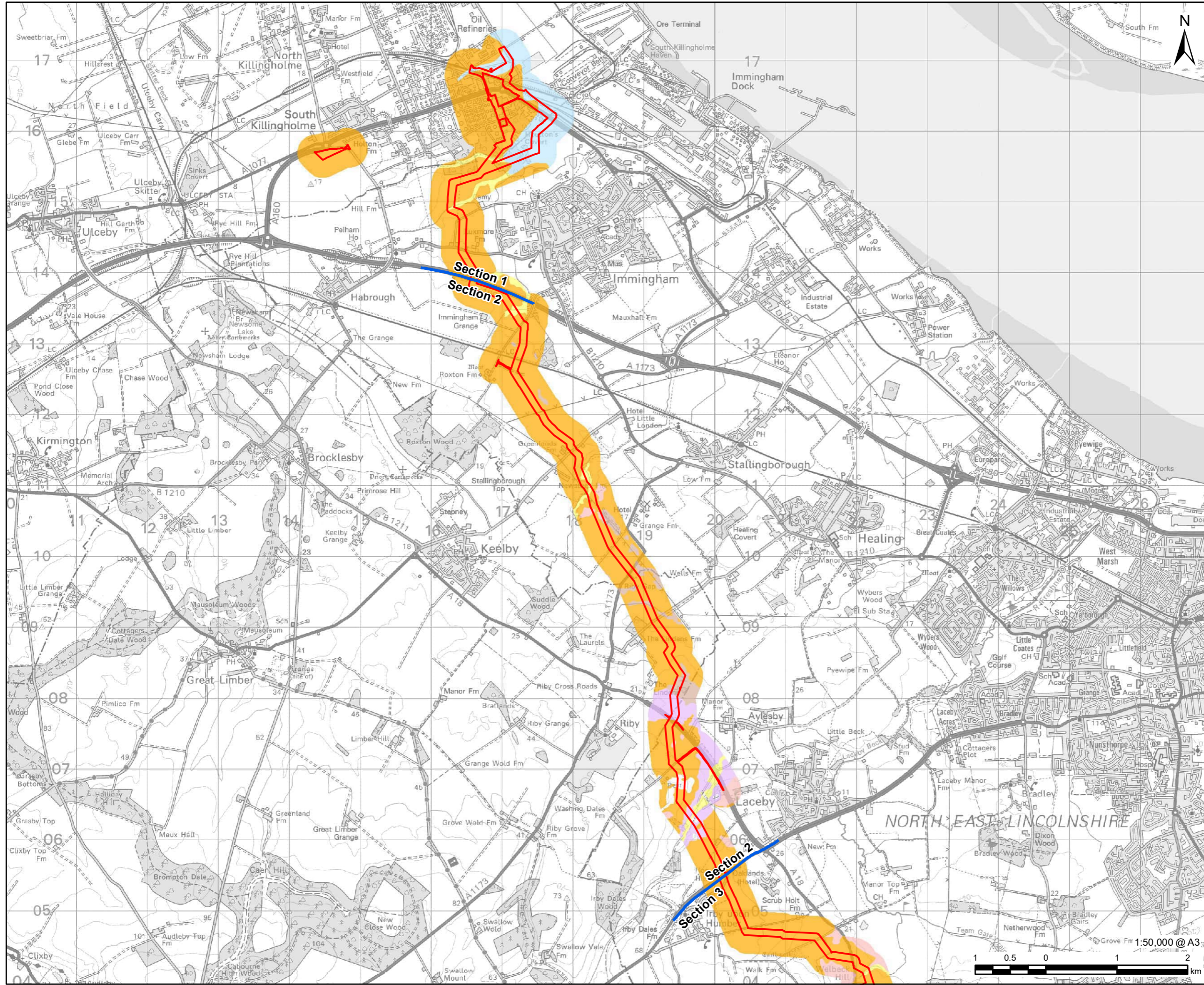


FIGURE TITLE
Figure 8-2 (20 of 20)
Location of Non-Designated Heritage Assets within 500m



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



LEGEND

- DCO Site Boundary
- Route Section Break

Superficial Geology 50k (BGS)

- Alluvium - Clay, Silt, Sand and Gravel
- Glaciofluvial Deposits, Devensian - Sand and Gravel
- Glaciofluvial Sheet Deposits, Devensian - Sand and Gravel
- Lacustrine Deposits - Sand, Silt, and Clay
- Tidal Flat Deposits - Clay and Silt
- Till, Devensian - Diamicton

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673.
 Contains public sector information licensed under the Open Government Licence v3.0.
 Derived from BGS Digital Data under Licence. British Geological Survey. ©NERC.

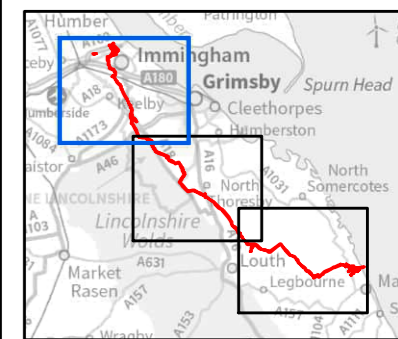
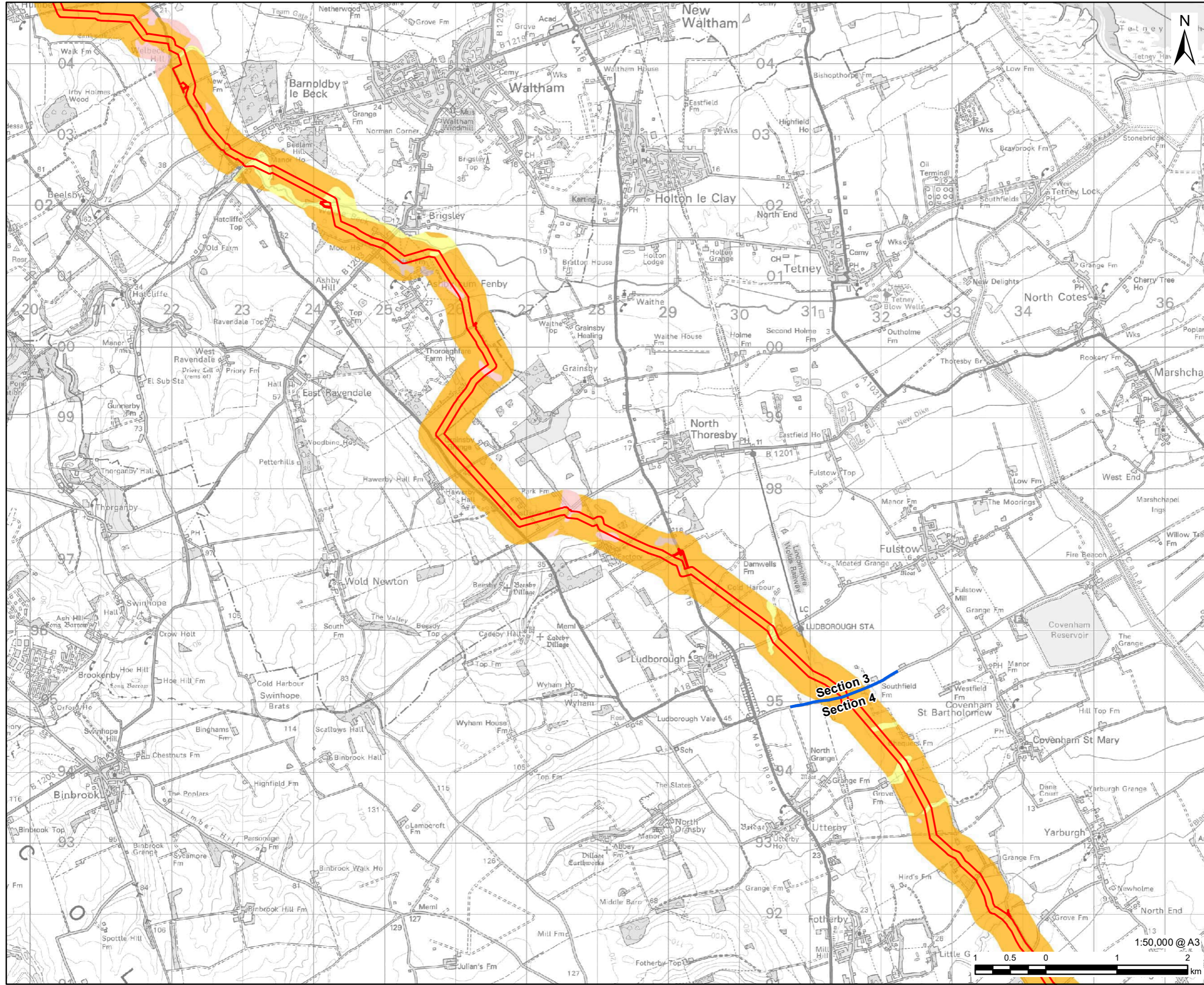


FIGURE TITLE
Figure 9-1 (1 of 3)
Superficial Geology

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



VikingCCS

AECOM

PROJECT
Viking CCS Pipeline

LEGEND

- DCO Site Boundary
- Route Section Break

Superficial Geology 50k (BGS)

- Alluvium - Clay, Silt, Sand and Gravel
- Glaciofluvial Deposits, Devensian - Sand and Gravel
- Lacustrine Deposits - Sand, Silt, and Clay
- Till, Devensian - Diamicton

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673.
 Contains public sector information licensed under the Open Government Licence v3.0.
 Derived from BGS Digital Data under Licence. British Geological Survey. ©NERC.

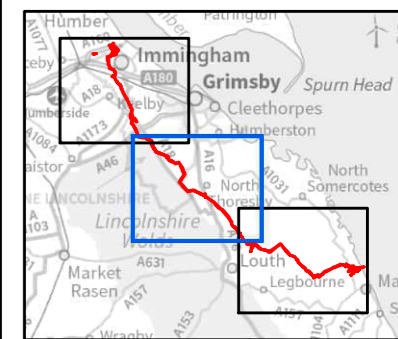


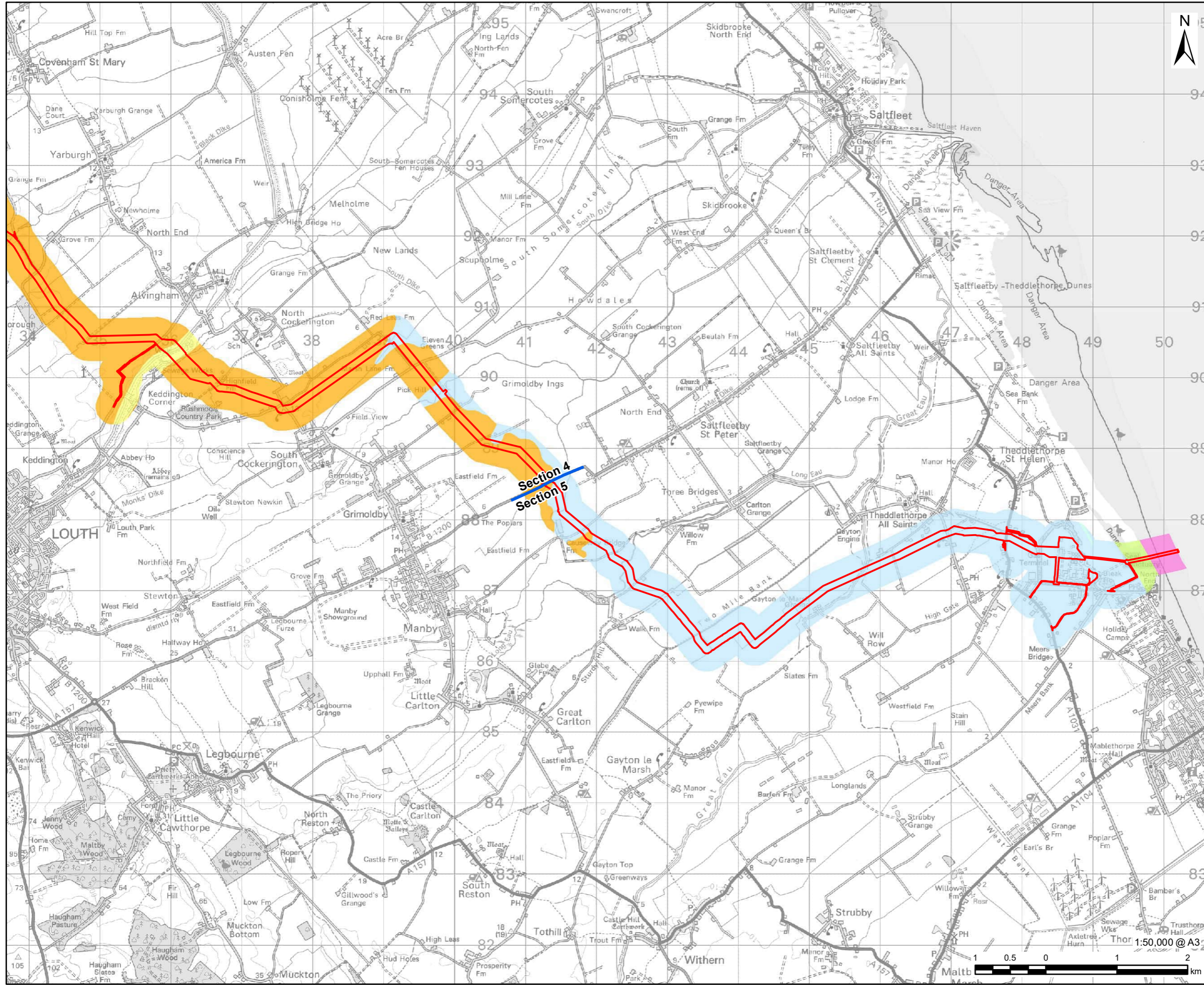
FIGURE TITLE
**Figure 9-1 (2 of 3)
 Superficial Geology**

ISSUE PURPOSE
 ENVIRONMENTAL STATEMENT

PROJECT NUMBER / REFERENCE
 60668955 / VCCS_230927_ES_9-1

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.





LEGEND

- DCO Site Boundary
- Route Section Break

Superficial Geology 50k (BGS)

- Alluvium - Clay, Silt, Sand and Gravel
- Beach and Tidal Flat Deposits (Undifferentiated) - Clay, Silt, and Sand
- Blown Sand - Sand
- Storm Beach Deposits - Sand
- Tidal Flat Deposits - Clay and Silt
- Till, Devensian - Diamicton

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673.
 Contains public sector information licensed under the Open Government Licence v3.0.
 Derived from BGS Digital Data under Licence. British Geological Survey. ©NERC.

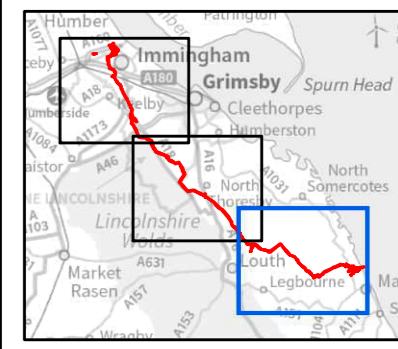
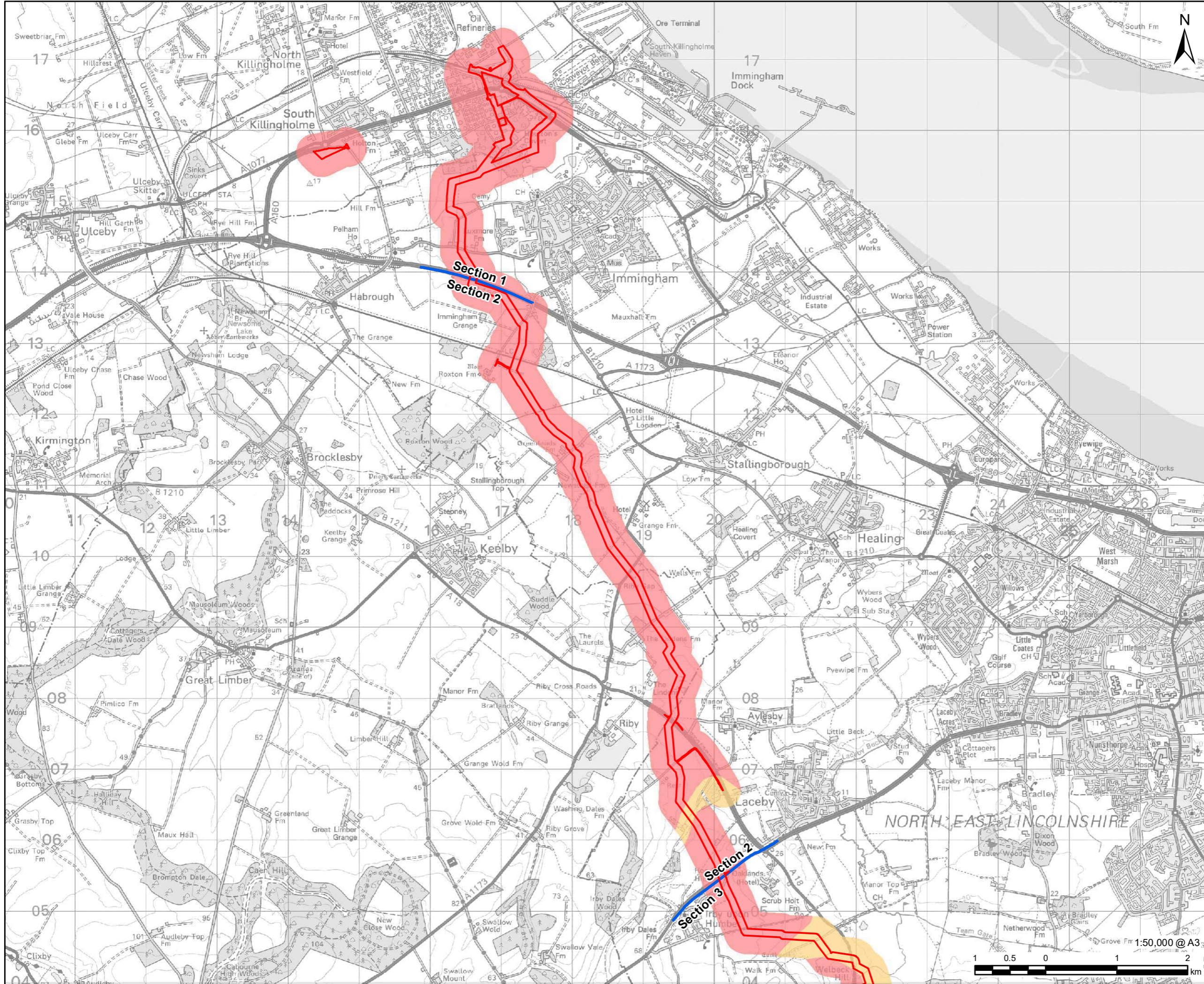


FIGURE TITLE

Figure 9-1 (3 of 3)
Superficial Geology

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



VikingCCS

AECOM

PROJECT

Viking CCS Pipeline

LEGEND

- DCO Site Boundary
- Route Section Break

Bedrock Geology 50k (BGS)

- Burnham Chalk Formation - Chalk
- Welton Chalk Formation - Chalk

NOTES:

Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. Derived from BGS Digital Data under Licence. British Geological Survey. ©NERC.

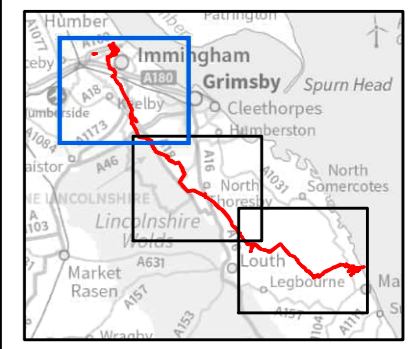


FIGURE TITLE

Figure 9-2 (1 of 3)
Bedrock Geology

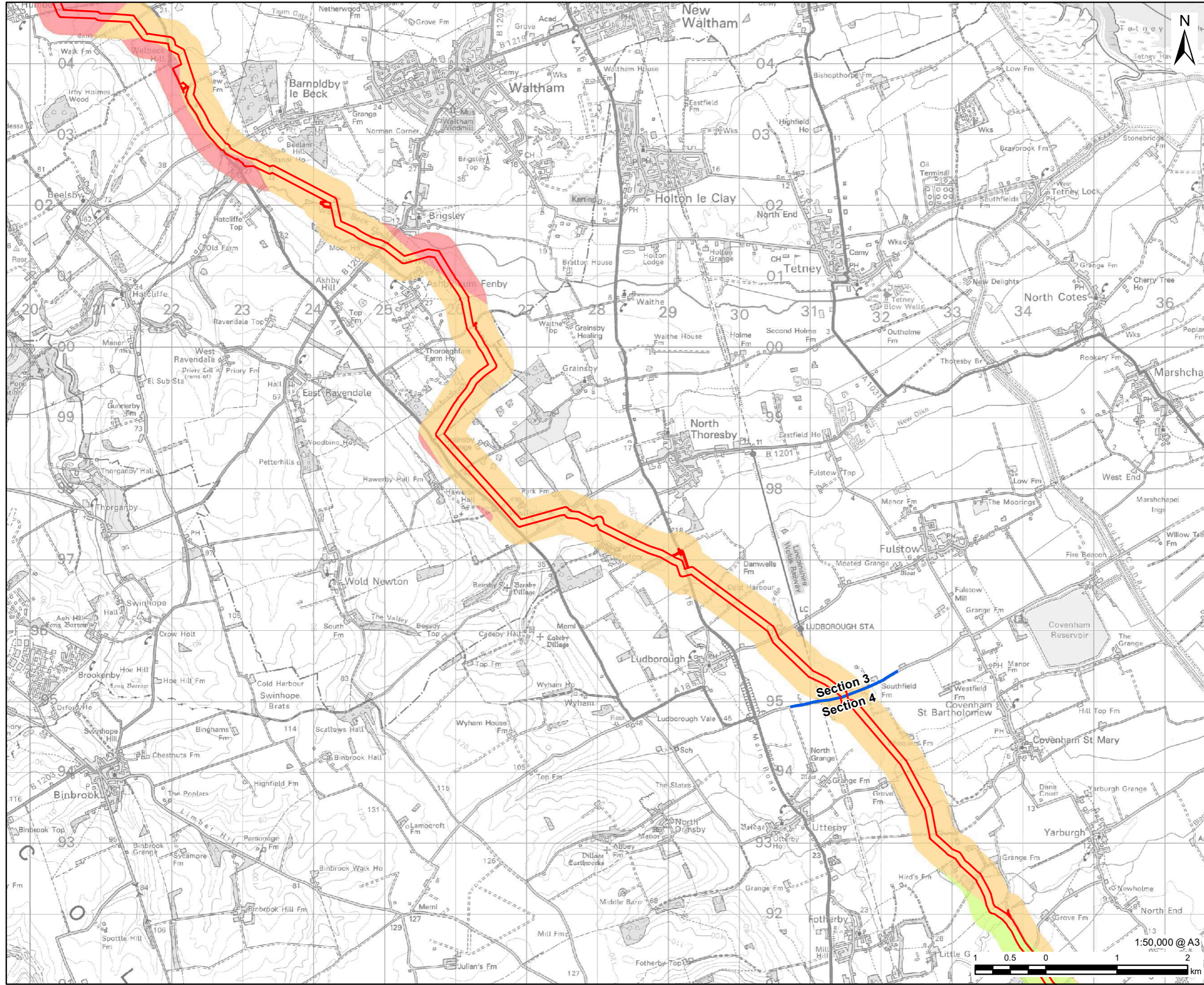
ISSUE PURPOSE

ENVIRONMENTAL STATEMENT

PROJECT NUMBER / REFERENCE

60668955 / VCCS_230927_ES_9-2

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as signed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



VikingCCS

AECOM

PROJECT
Viking CCS Pipeline

LEGEND

- DCO Site Boundary
- Route Section Break

Bedrock Geology 50k (BGS)

- Burnham Chalk Formation - Chalk
- Ferriby Chalk Formation - Chalk
- Welton Chalk Formation - Chalk

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673.
 Contains public sector information licensed under the Open Government Licence v3.0.
 Derived from BGS Digital Data under Licence. British Geological Survey. ©NERC.

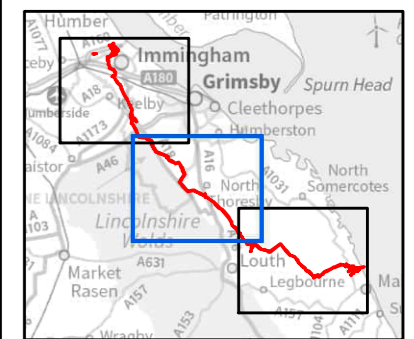
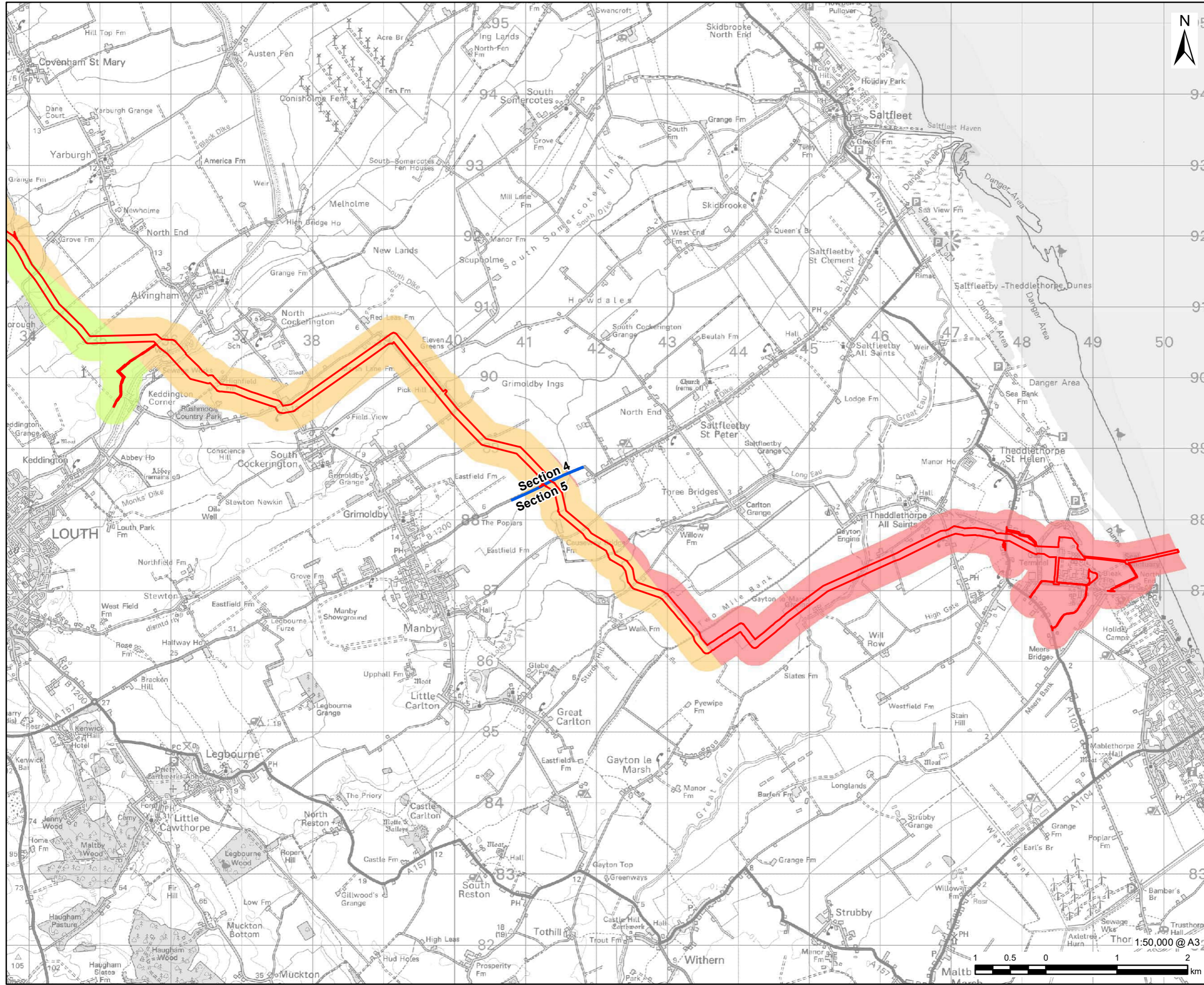


FIGURE TITLE
Figure 9-2 (2 of 3)
Bedrock Geology

ISSUE PURPOSE
 ENVIRONMENTAL STATEMENT

PROJECT NUMBER / REFERENCE
 60668955 / VCCS_230927_ES_9-2

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



VikingCCS

AECOM

PROJECT
Viking CCS Pipeline

LEGEND

- DCO Site Boundary
- Route Section Break
- Bedrock Geology 50k (BGS)
 - Burnham Chalk Formation - Chalk
 - Ferriby Chalk Formation - Chalk
 - Welton Chalk Formation - Chalk

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673.
 Contains public sector information licensed under the Open Government Licence v3.0.
 Derived from BGS Digital Data under Licence. British Geological Survey. ©NERC.

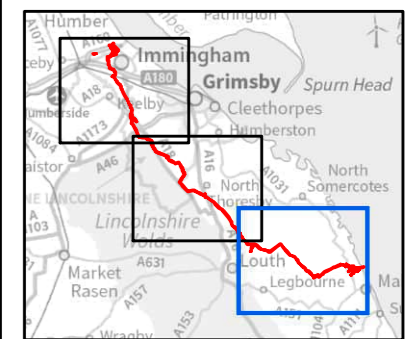
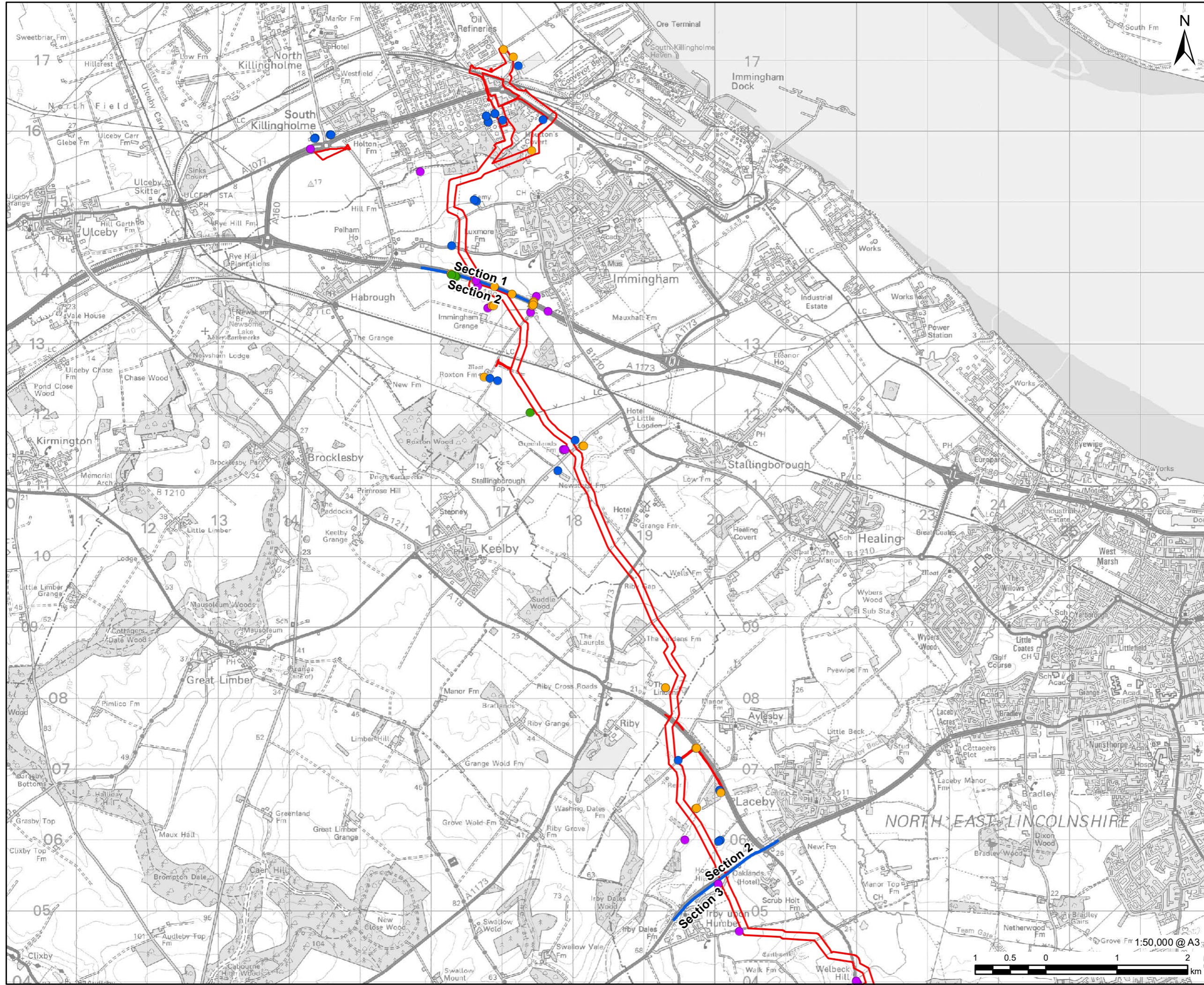


FIGURE TITLE
Figure 9-2 (3 of 3)
Bedrock Geology

ISSUE PURPOSE
 ENVIRONMENTAL STATEMENT

PROJECT NUMBER / REFERENCE
 60668955 / VCCS_230927_ES_9-2

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



LEGEND

- DCO Site Boundary
- Route Section Break

British Geological Survey (BGS) Borehole

- Confidential
- Less than 10m
- 10m - 30m
- Greater than 30m

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673.
 Contains public sector information licensed under the Open Government Licence v3.0.
 Derived from BGS Digital Data under Licence. British Geological Survey. ©NERC.

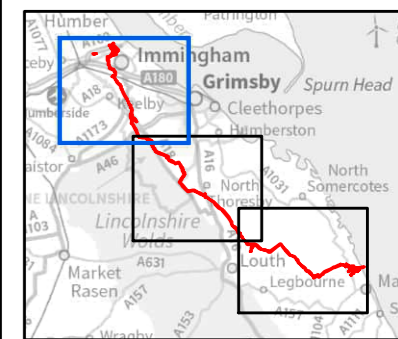
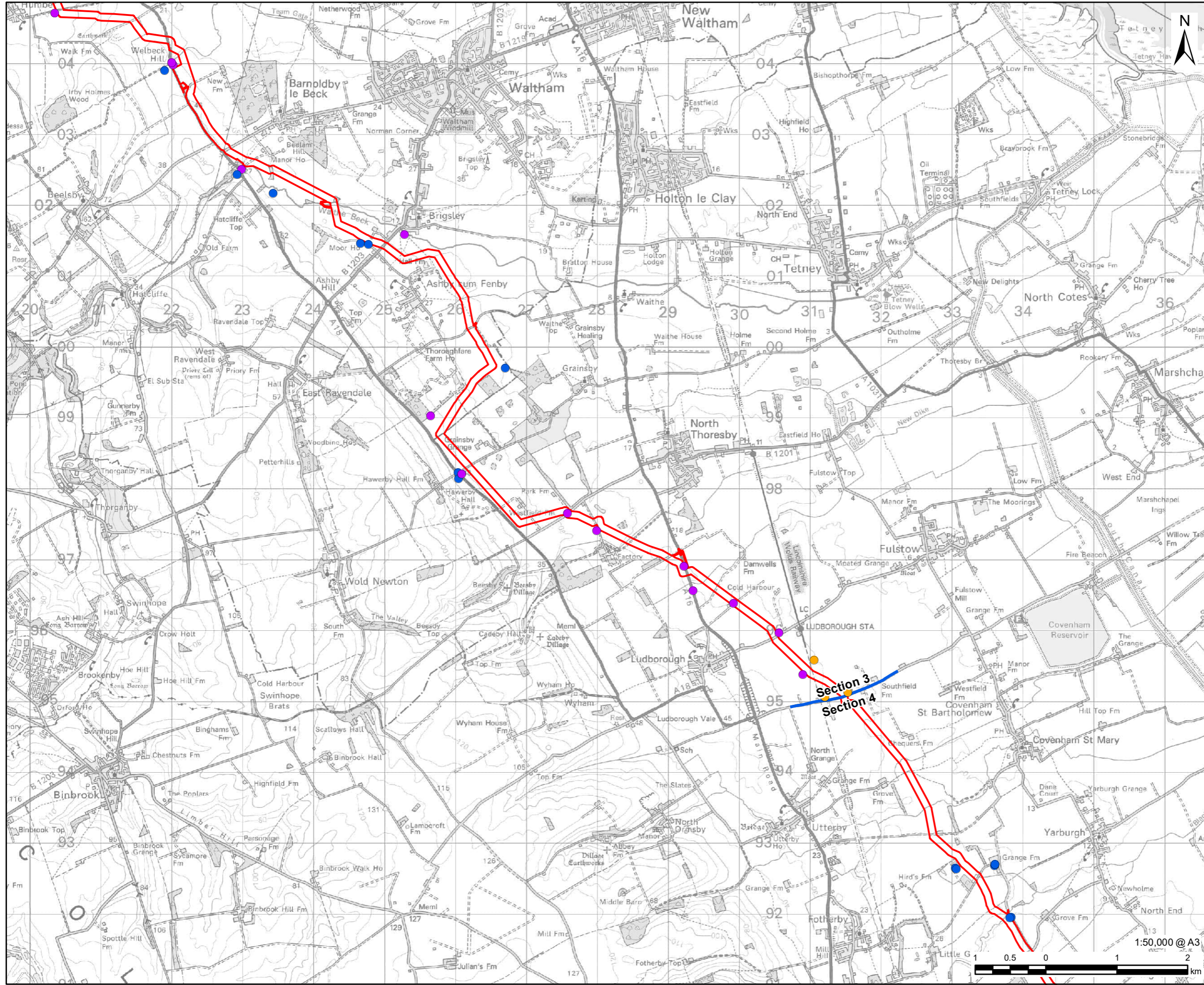


FIGURE TITLE

Figure 9-3 (1 of 3)
British Geological Survey Boreholes

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as signed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



LEGEND

- DCO Site Boundary
- Route Section Break

British Geological Survey (BGS) Borehole

- Less than 10m
- 10m - 30m
- Greater than 30m

NOTES:

Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. Derived from BGS Digital Data under Licence. British Geological Survey. ©NERC.

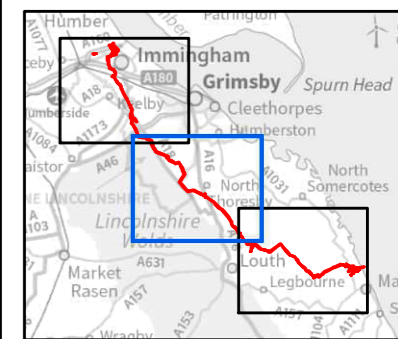


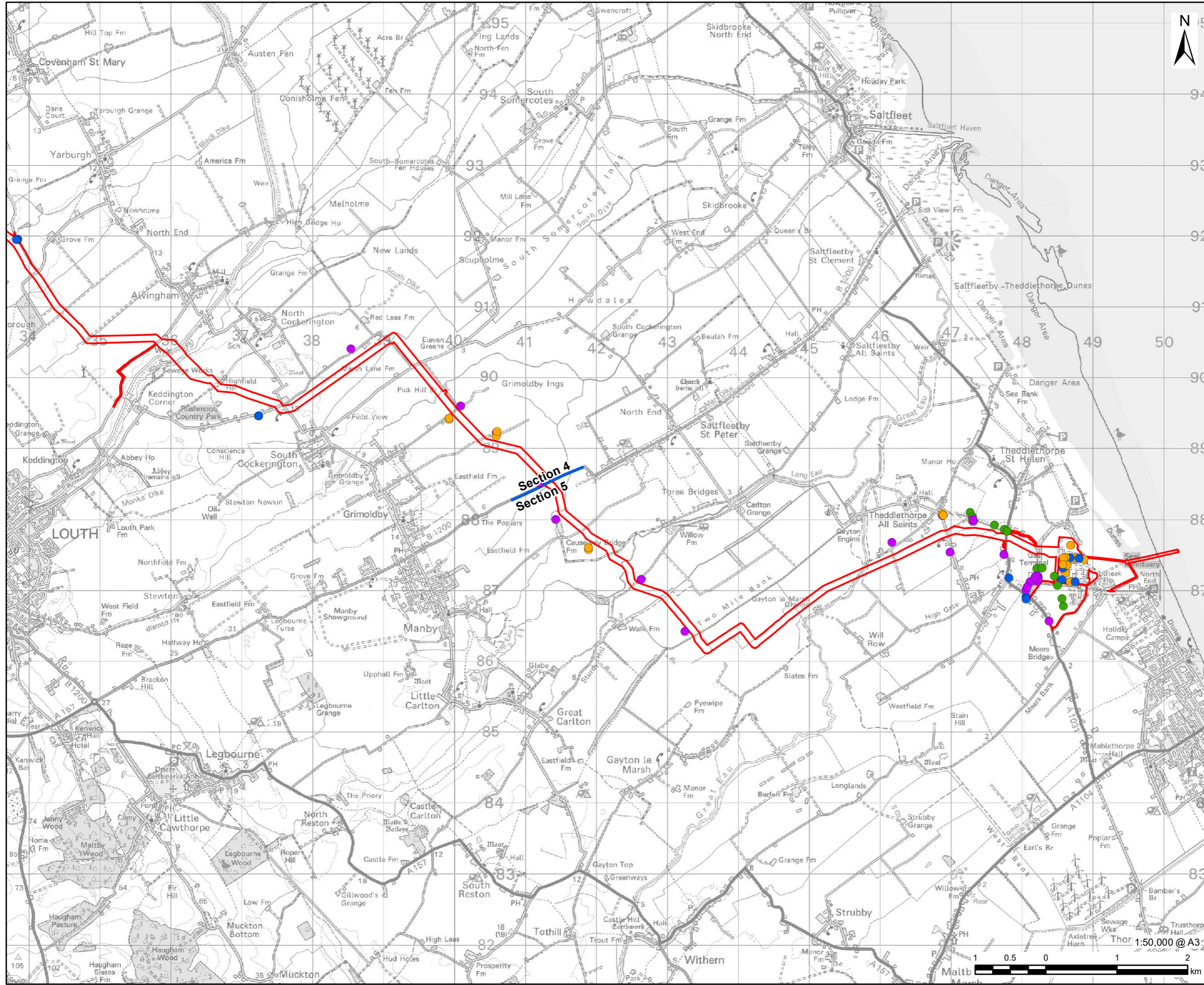
FIGURE TITLE

Figure 9-3 (2 of 3)

British Geological Survey Boreholes

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.





LEGEND

- DCO Site Boundary
- Route Section Break
- British Geological Survey (BGS) Borehole
 - Confidential
 - Less than 10m
 - 10m - 30m
 - Greater than 30m

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673.
 Contains public sector information licensed under the Open Government Licence v3.0.
 Derived from BGS Digital Data under Licence. British Geological Survey. ©NERC.

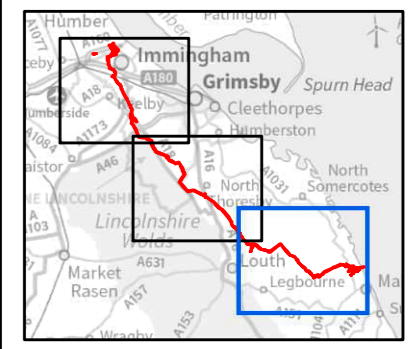
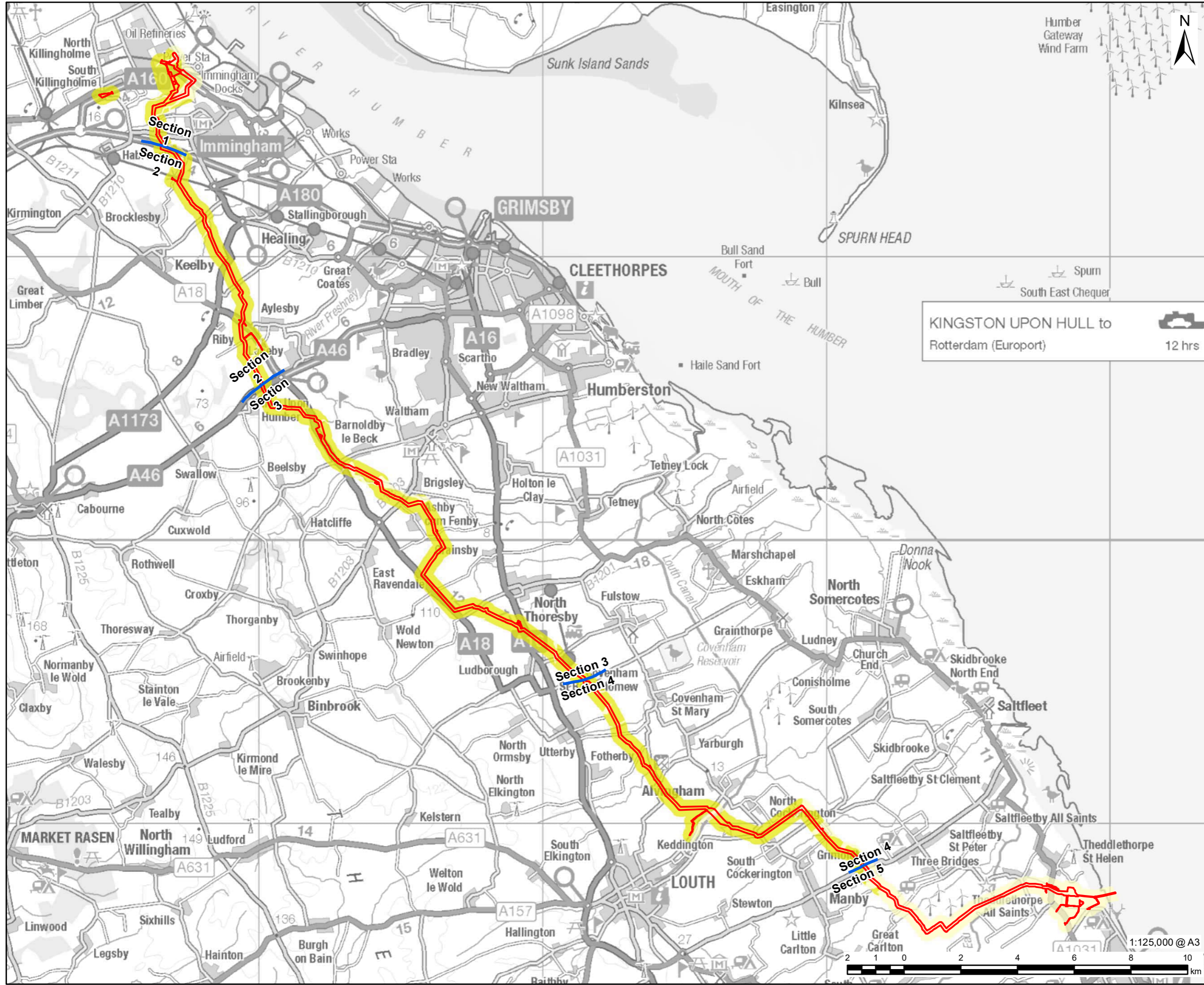


FIGURE TITLE
Figure 9-3 (3 of 3)
British Geological Survey Boreholes

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



LEGEND

- DCO Site Boundary
- Route Section Break

Collapsible Deposits

- Deposits with potential to collapse when loaded and saturated are believed not to be present.
- Deposits with potential to collapse when loaded and saturated are unlikely to be present.

KINGSTON UPON HULL to Rotterdam (Europort)

12 hrs

NOTES:

Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. Derived from BGS Digital Data under Licence. British Geological Survey. ©NERC.

FIGURE TITLE

Figure 9-4 (1 of 6)

Ground Stability - Collapsible Deposits

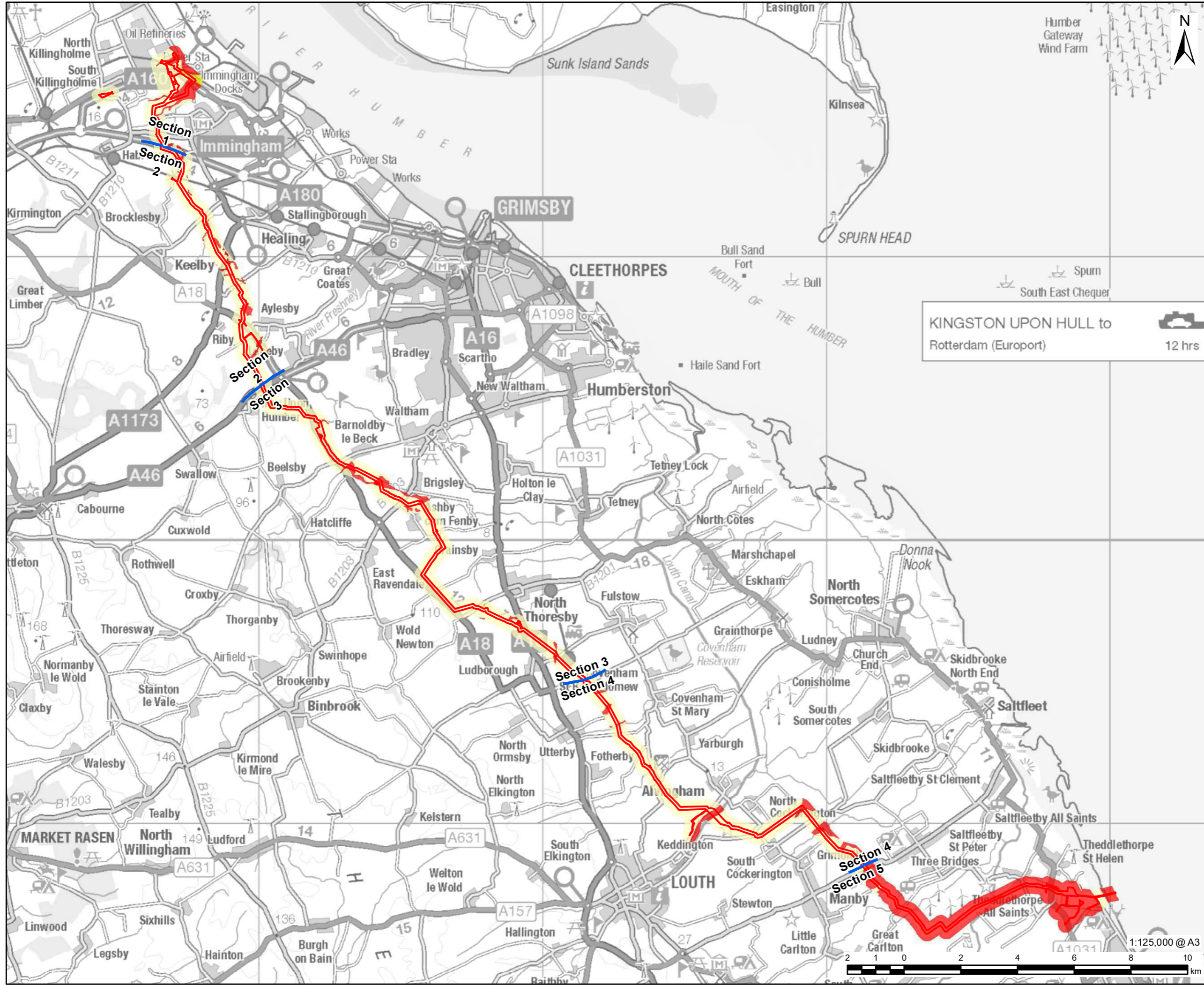
ISSUE PURPOSE

ENVIRONMENTAL STATEMENT

PROJECT NUMBER / REFERENCE

60668955 / VCCS_231018_ES_9-4

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



LEGEND

- DCO Site Boundary
- Route Section Break

Compressible Deposits

- Compressible strata are not thought to occur.
- Compressibility and uneven settlement problems are not likely to be significant on the site for most land uses.
- Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.

KINGSTON UPON HULL to Rotterdam (Europort) 12 hrs

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. Derived from BGS Digital Data under Licence. British Geological Survey. ©NERC.

FIGURE TITLE

Figure 9-4 (2 of 6)
Ground Stability - Compressible Deposits

ISSUE PURPOSE

ENVIRONMENTAL STATEMENT

PROJECT NUMBER / REFERENCE

60668955 / VCCS_231018_ES_9-4

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



LEGEND

- DCO Site Boundary
- Route Section Break
- Ground Dissolution of Soluble Rocks
 - Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.
 - Soluble rocks are present within the ground. Few dissolution features are likely to be present.
 - Potential for difficult ground conditions or localised subsidence are at a level where they need not be considered.

KINGSTON UPON HULL to Rotterdam (Europort)

12 hrs

NOTES:

Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. Derived from BGS Digital Data under Licence. British Geological Survey. ©NERC.

FIGURE TITLE

Figure 9-4 (3 of 6)

Ground Stability - Ground Dissolution of Soluble Rocks

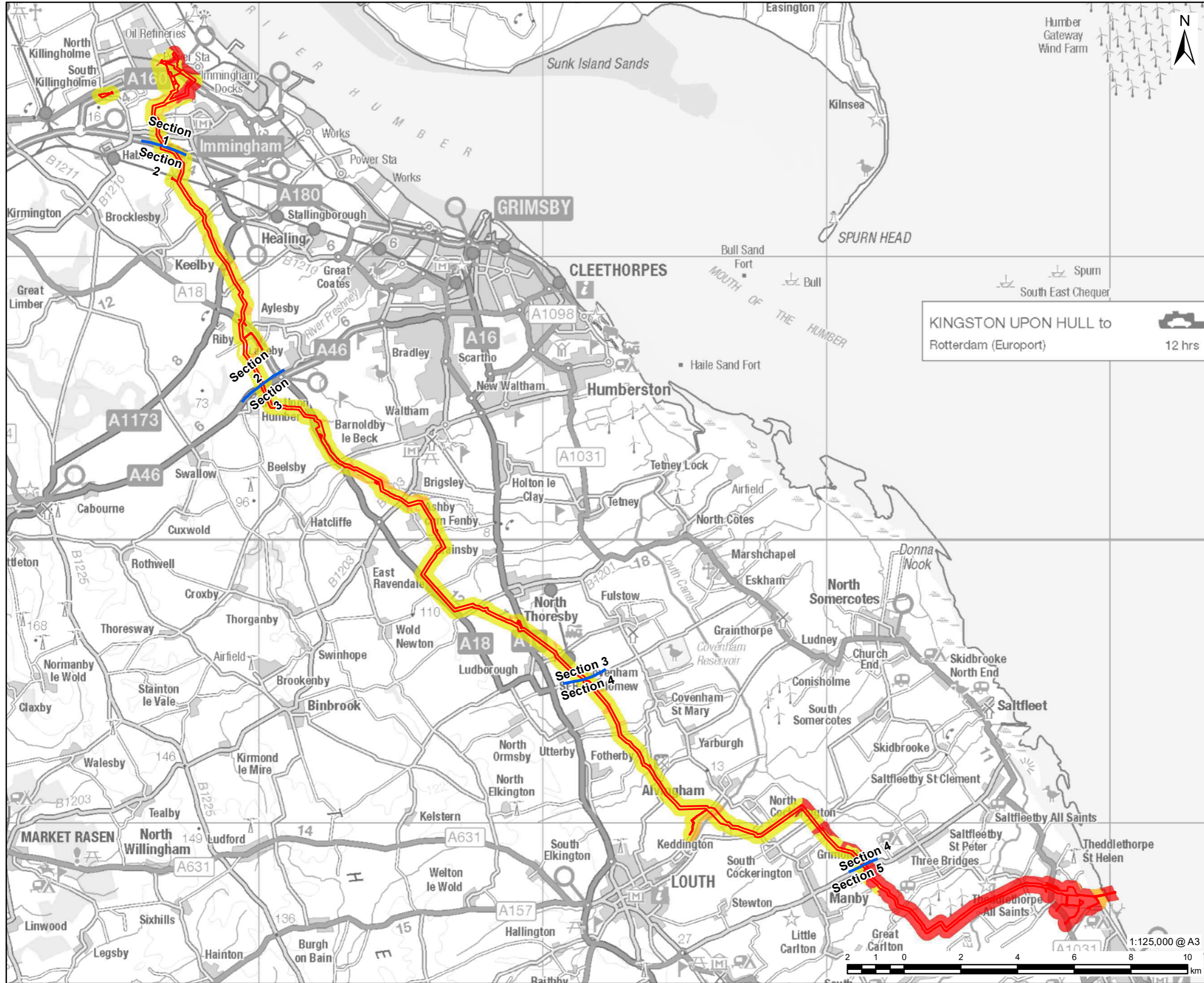
ISSUE PURPOSE

ENVIRONMENTAL STATEMENT

PROJECT NUMBER / REFERENCE

60668955 / VCCS_231018_ES_9-4

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



LEGEND

- DCO Site Boundary
- Route Section Break

Running Sand

- Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.
- Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.
- Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.
- Running sand conditions are probably present. Constraints may apply to land uses involving excavation or the addition or removal of water.

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. Derived from BGS Digital Data under Licence. British Geological Survey. ©NERC.

FIGURE TITLE

Figure 9-4 (5 of 6)
Ground Stability - Running Sand

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



LEGEND

- DCO Site Boundary
- Route Section Break

Shrink Swell Clays

- Ground conditions predominantly non-plastic.
- Ground conditions predominantly low plasticity.
- Ground conditions predominantly medium plasticity.

KINGSTON UPON HULL to Rotterdam (Europort)

12 hrs

NOTES:

Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. Derived from BGS Digital Data under Licence. British Geological Survey. ©NERC.

FIGURE TITLE

Figure 9-4 (6 of 6)

Ground Stability - Shrink Swell Clays

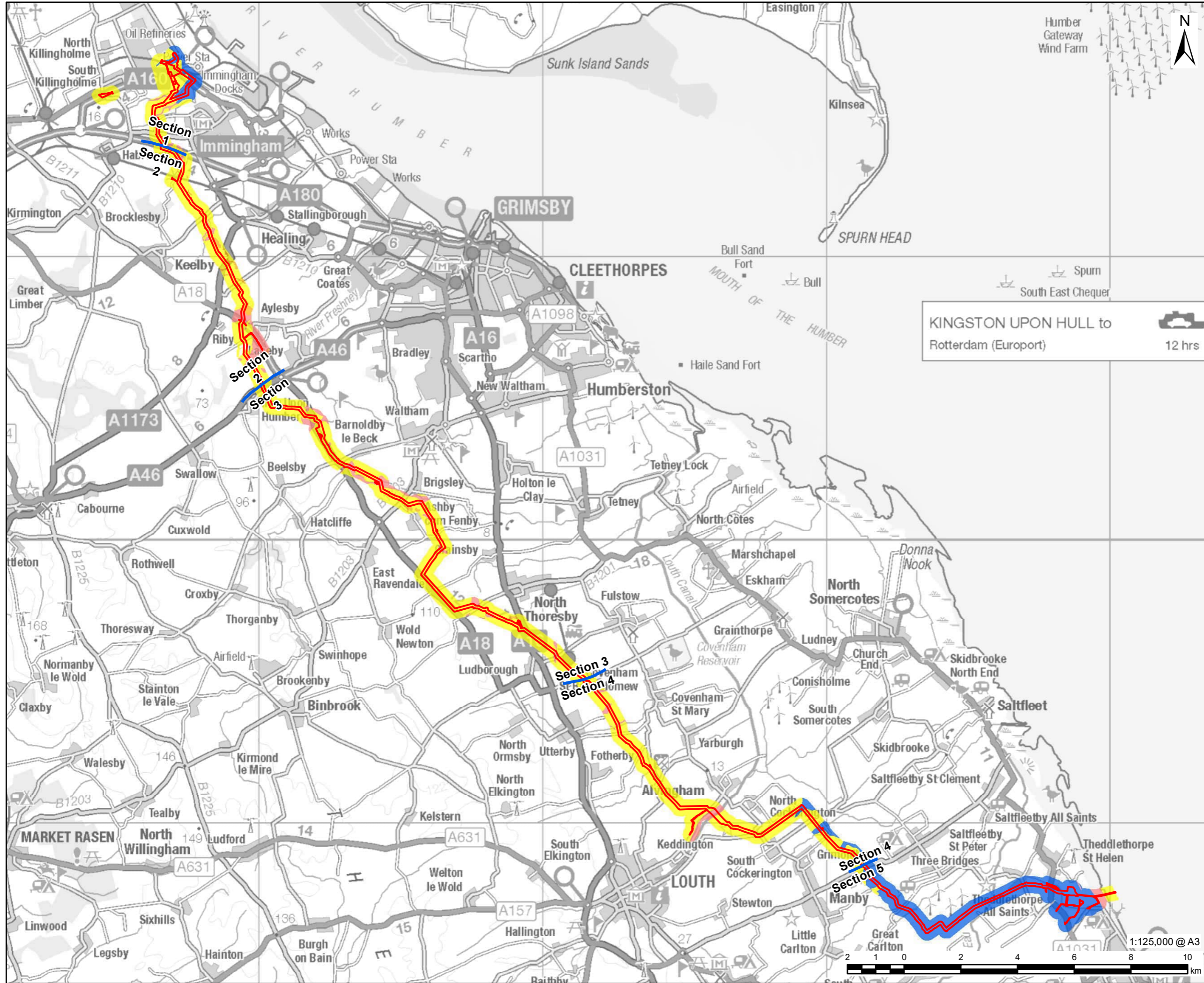
ISSUE PURPOSE

ENVIRONMENTAL STATEMENT

PROJECT NUMBER / REFERENCE

60668955 / VCCS_231018_ES_9-4

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



VikingCCS

AECOM

PROJECT
Viking CCS Pipeline

LEGEND

- DCO Site Boundary
- Route Section Break

Superficial Aquifer Deposits (BGS)

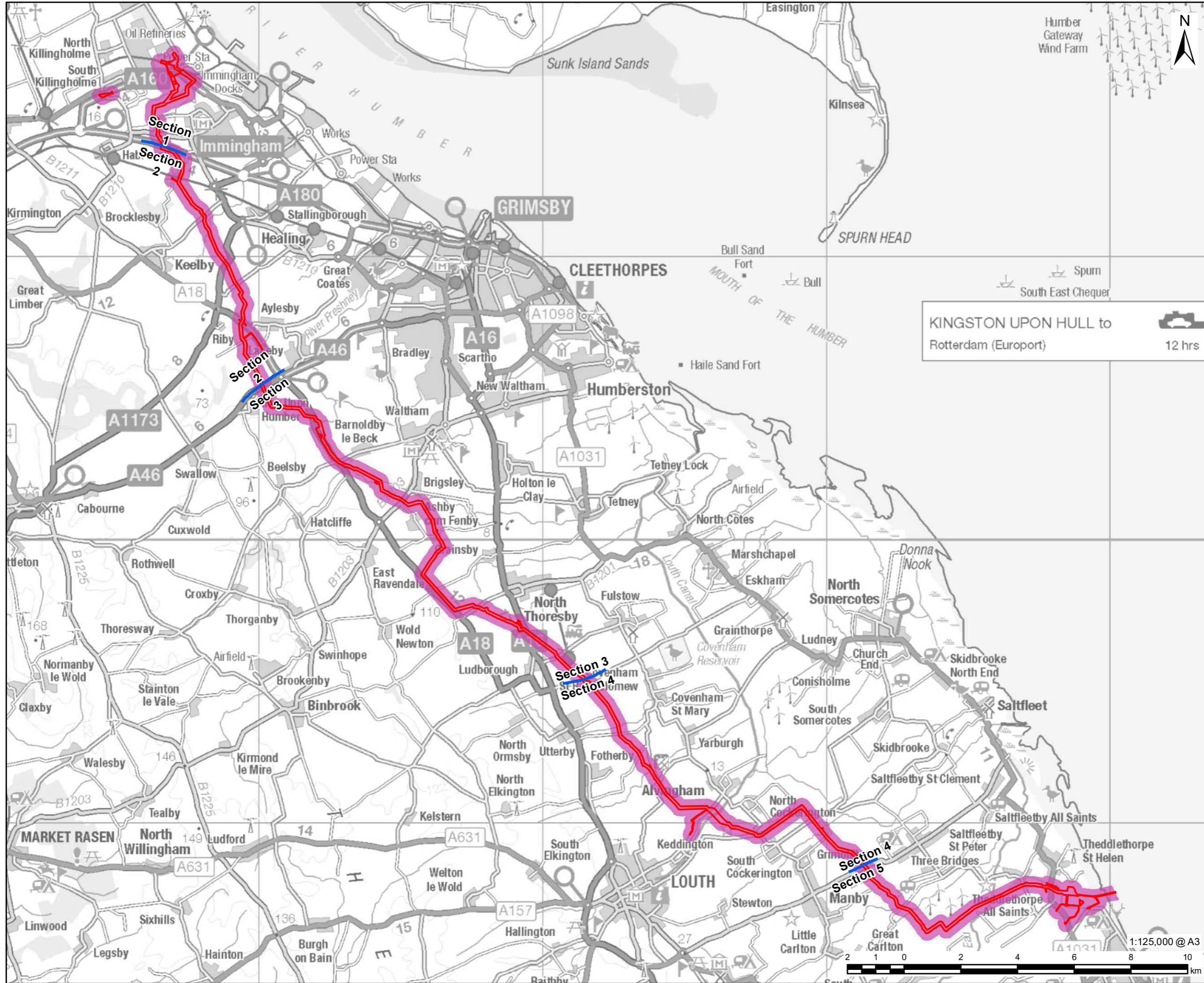
- Secondary Superficial Aquifer - Undifferentiated
- Secondary A Superficial Aquifer
- Secondary B Superficial Aquifer
- Unproductive Superficial Aquifer

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673.
 Contains public sector information licensed under the Open Government Licence v3.0.
 Derived from BGS Digital Data under Licence. British Geological Survey. ©NERC.

FIGURE TITLE
Figure 9-5 Superficial Hydrogeology

ISSUE PURPOSE
 ENVIRONMENTAL STATEMENT

PROJECT NUMBER / REFERENCE
 60668955 / VCCS_231018_ES_9-5



VikingCCS

AECOM

PROJECT
Viking CCS Pipeline

LEGEND

- DCO Site Boundary
- Route Section Break
- Bedrock Aquifer Classification (BGS)
- Principal Bedrock Aquifer

KINGSTON UPON HULL to Rotterdam (Europort)
12 hrs

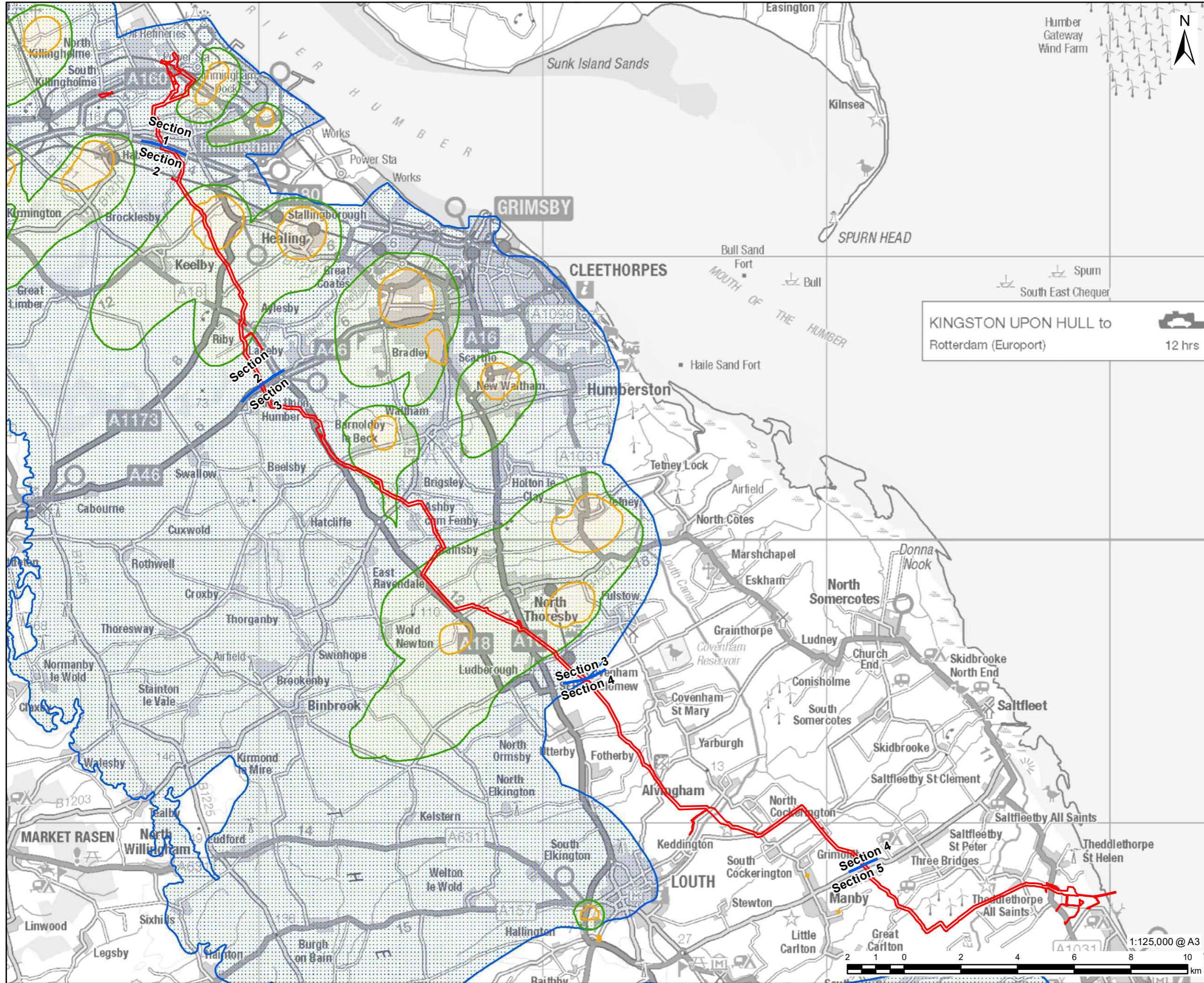
NOTES:
Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. Derived from BGS Digital Data under Licence. British Geological Survey. ©NERC.

FIGURE TITLE
Figure 9-6 Bedrock Hydrogeology

ISSUE PURPOSE
ENVIRONMENTAL STATEMENT

PROJECT NUMBER / REFERENCE
60668955 / VCCS_231018_ES_9-6

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as signed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



VikingCCS

AECOM

PROJECT
Viking CCS Pipeline

LEGEND

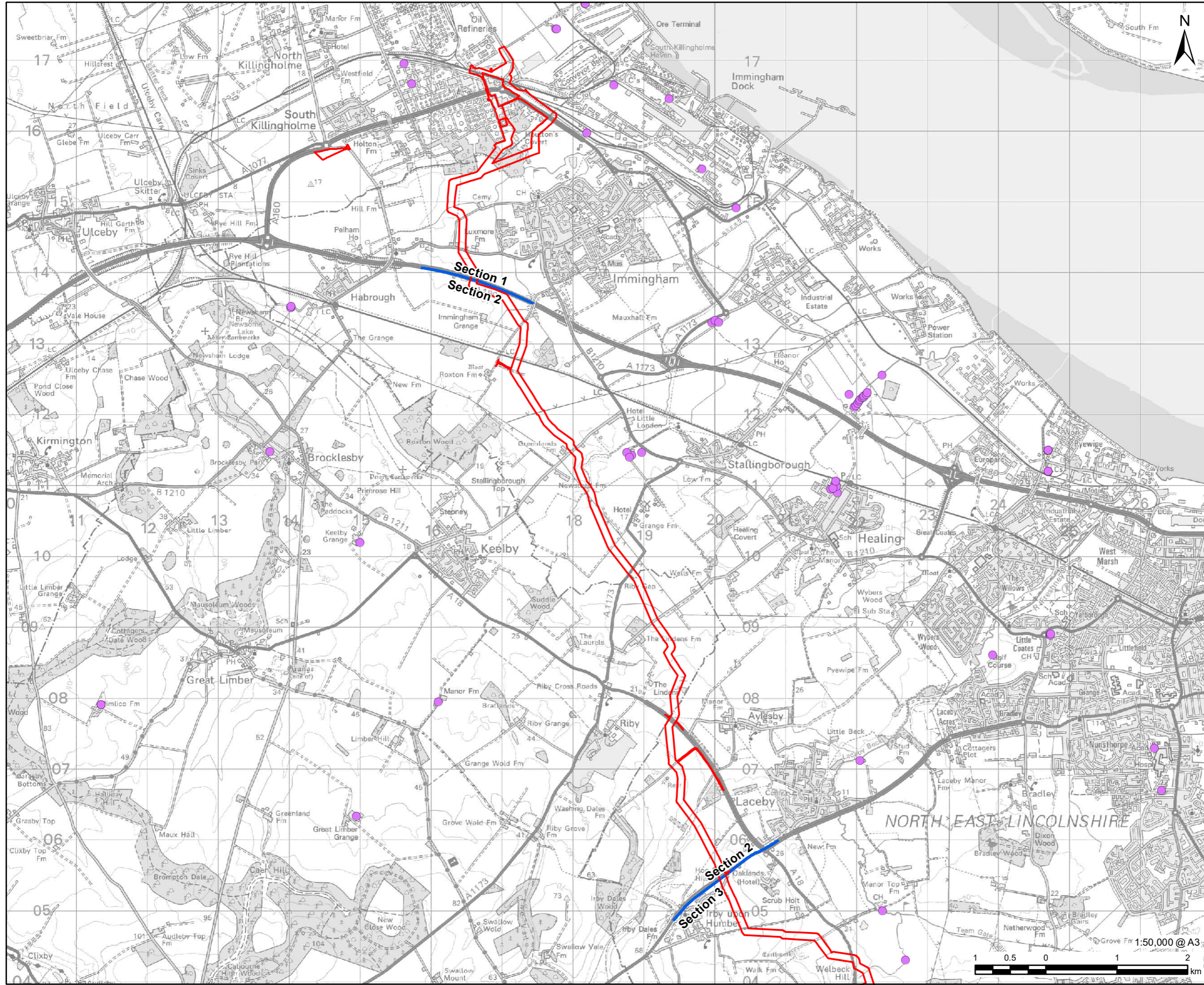
- DCO Site Boundary
- Route Section Break
- Source Protection Zone (EA)
- Zone 1 - Inner Protection Zone
- Zone 2 - Outer Protection Zone
- Zone 3 - Total Catchment

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673.
 Contains public sector information licensed under the Open Government Licence v3.0.

FIGURE TITLE
Figure 9-7
Source Protection Zones

ISSUE PURPOSE
 ENVIRONMENTAL STATEMENT
 PROJECT NUMBER / REFERENCE
 60668955 / VCCS_231018_ES_9-7

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



VikingCCS

AECOM

PROJECT
Viking CCS Pipeline

LEGEND

- ▭ DCO Site Boundary
- ▬ Route Section Break
- Licensed Water Abstraction (EA)

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673.
 Contains Environment Agency information © Environment Agency and/or database right.

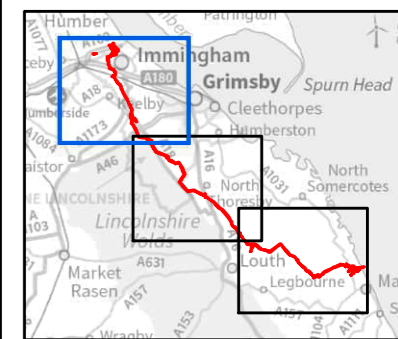
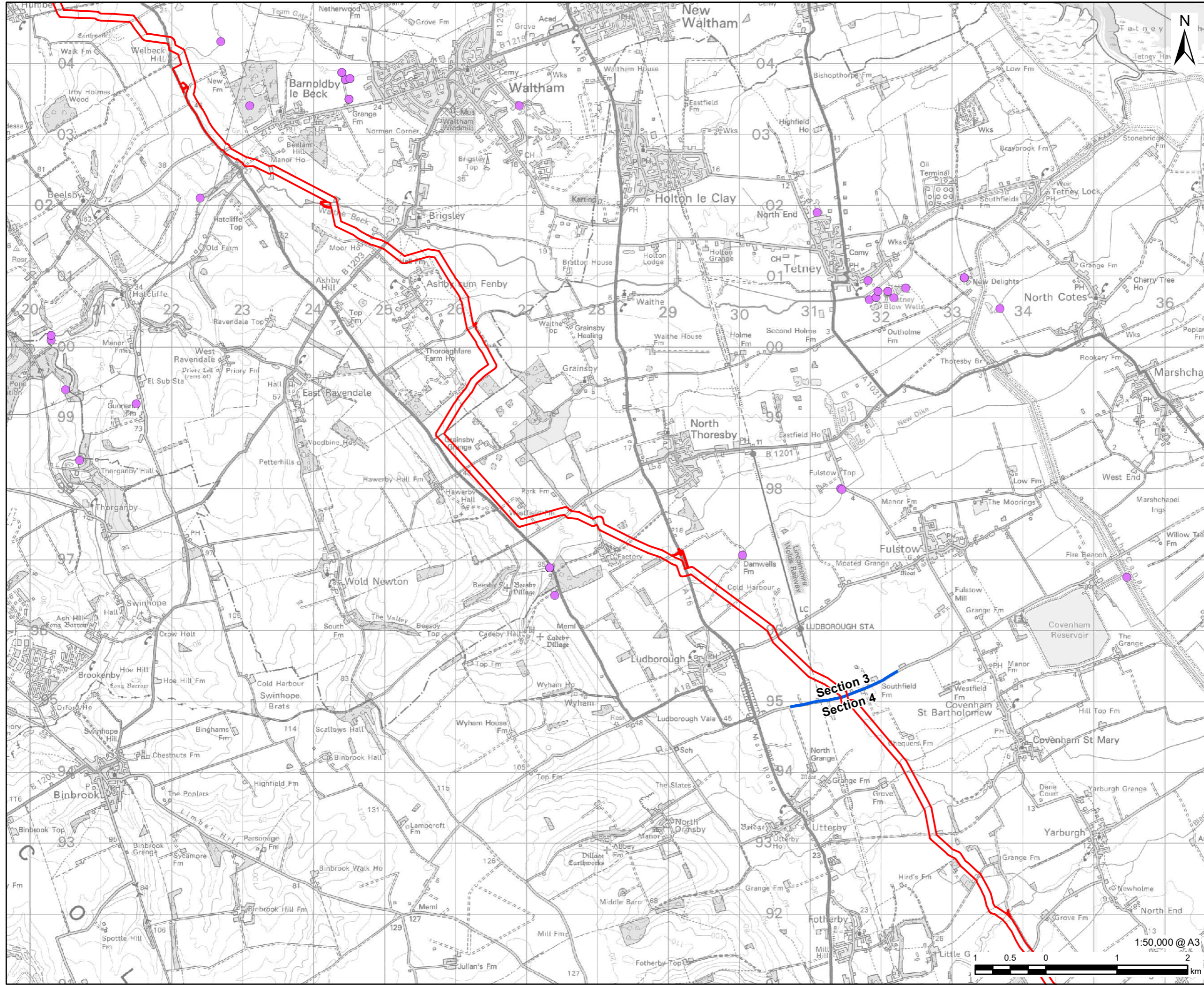


FIGURE TITLE
 Figure 9-8 (1 of 3)
 Abstraction Data from the Environment Agency

ISSUE PURPOSE
 ENVIRONMENTAL STATEMENT

PROJECT NUMBER / REFERENCE
 60668955 / VCCS_231018_ES_9-8

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as signed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



VikingCCS

AECOM

PROJECT

Viking CCS Pipeline

LEGEND

- ▭ DCO Site Boundary
- ▬ Route Section Break
- Licensed Water Abstraction (EA)

NOTES:

Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains Environment Agency information © Environment Agency and/or database right.

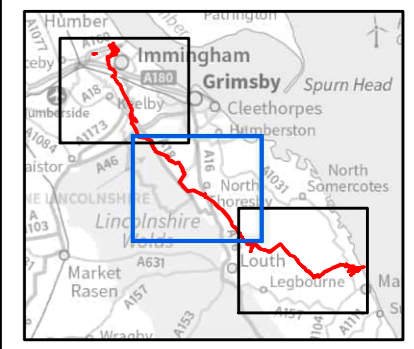


FIGURE TITLE

Figure 9-8 (2 of 3)
Abstraction Data from the Environment Agency

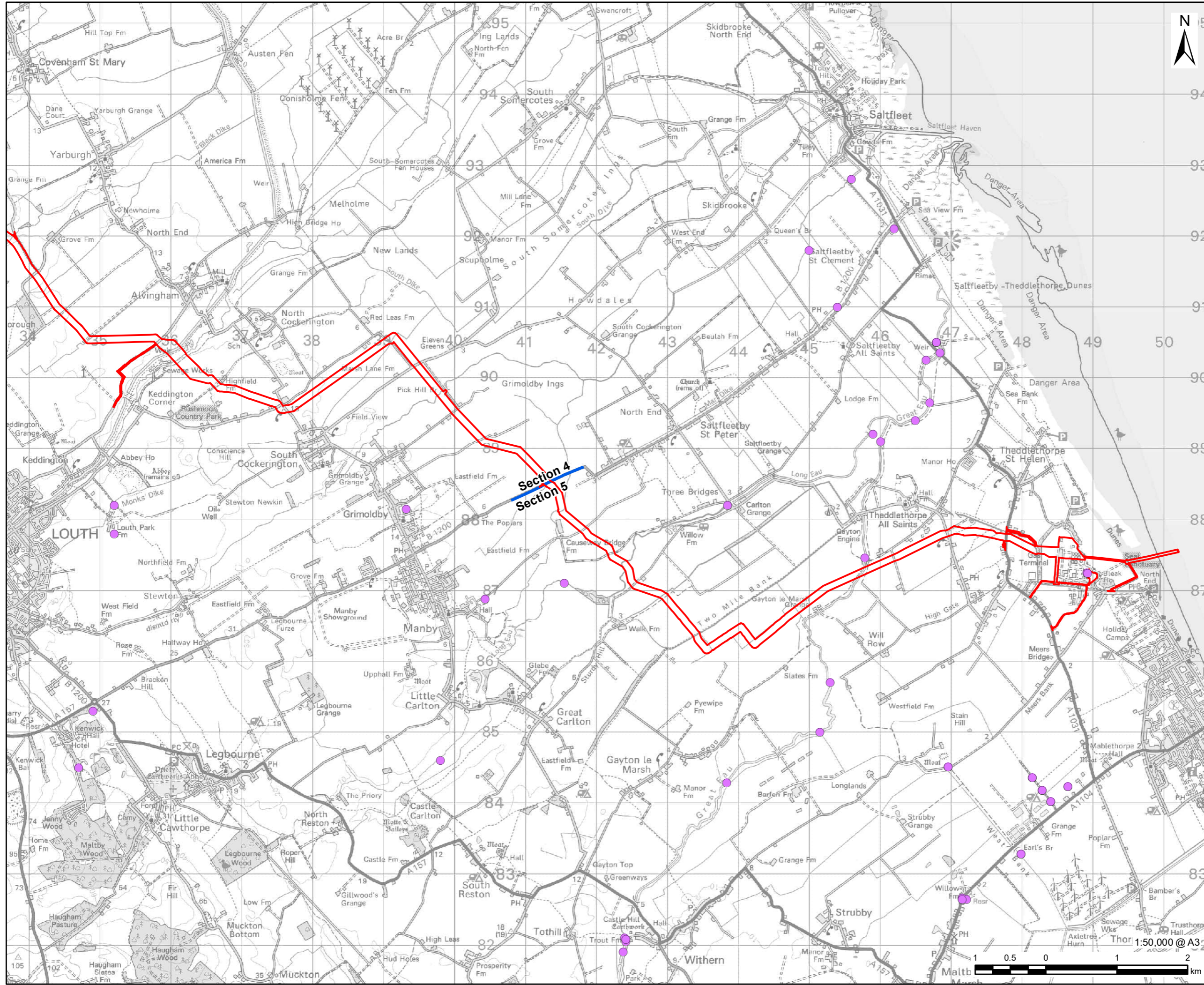
ISSUE PURPOSE

ENVIRONMENTAL STATEMENT

PROJECT NUMBER / REFERENCE

60668955 / VCCS_231018_ES_9-8

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as signed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



- LEGEND**
- DCO Site Boundary
 - Route Section Break
 - Licensed Water Abstraction (EA)

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673.
 Contains Environment Agency information © Environment Agency and/or database right.

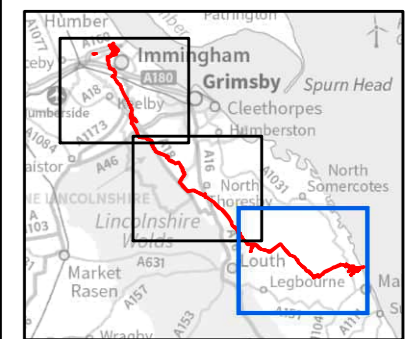
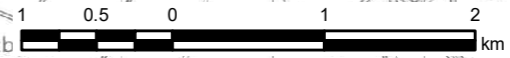
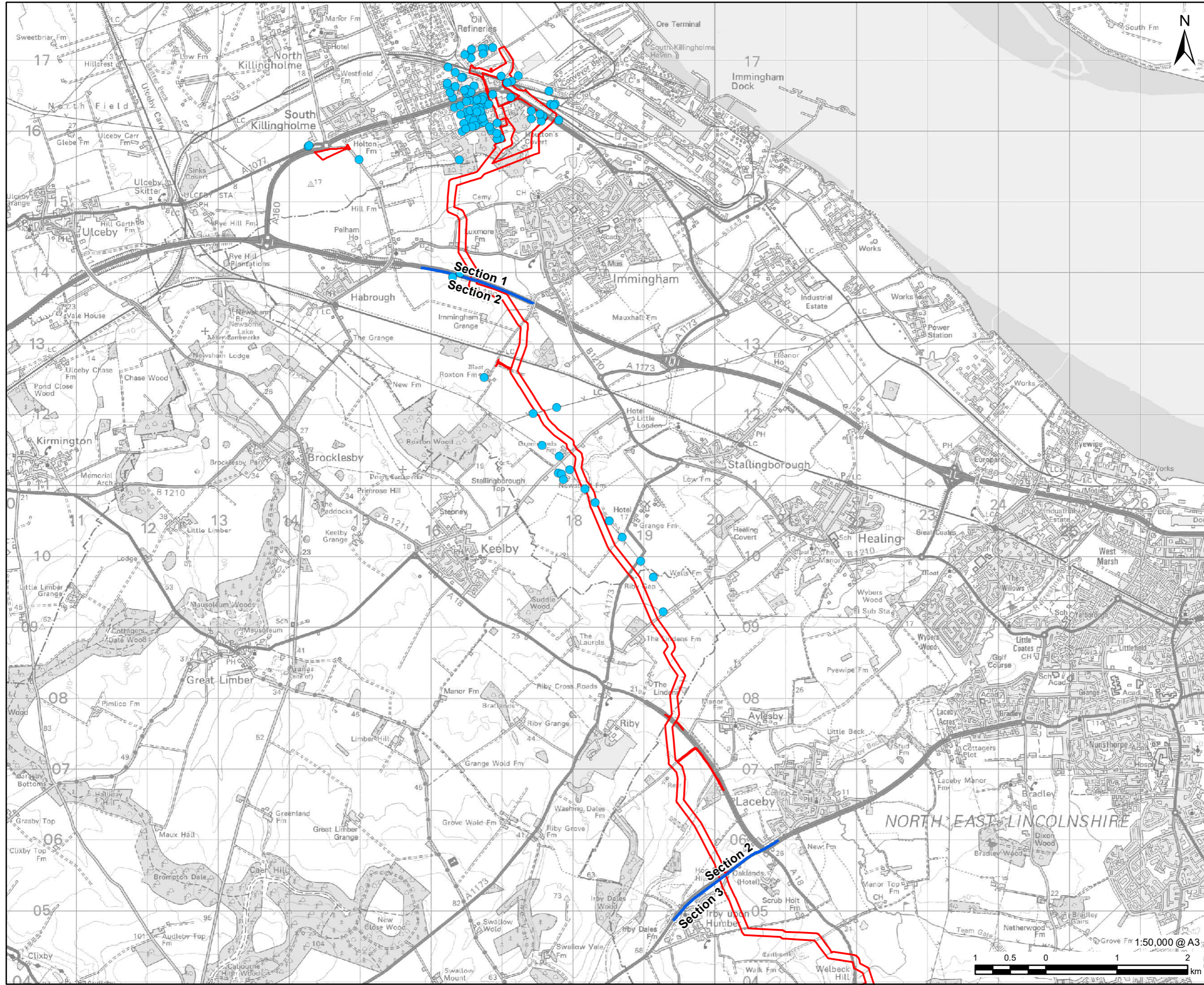


FIGURE TITLE
Figure 9-8 (3 of 3)
Abstraction Data from the Environment Agency

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

1:50,000 @ A3





VikingCCS

AECOM

PROJECT

Viking CCS Pipeline

LEGEND

- ▭ DCO Site Boundary
- Route Section Break
- Current Industrial Land Use (OS)

NOTES:

Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. Derived from BGS Digital Data under Licence. British Geological Survey. ©NERC.

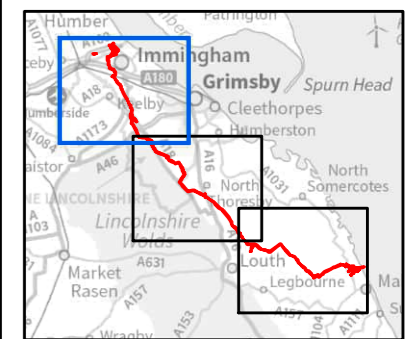


FIGURE TITLE

Figure 9-9 (1 of 3)
Current Potentially Contaminative Land Uses

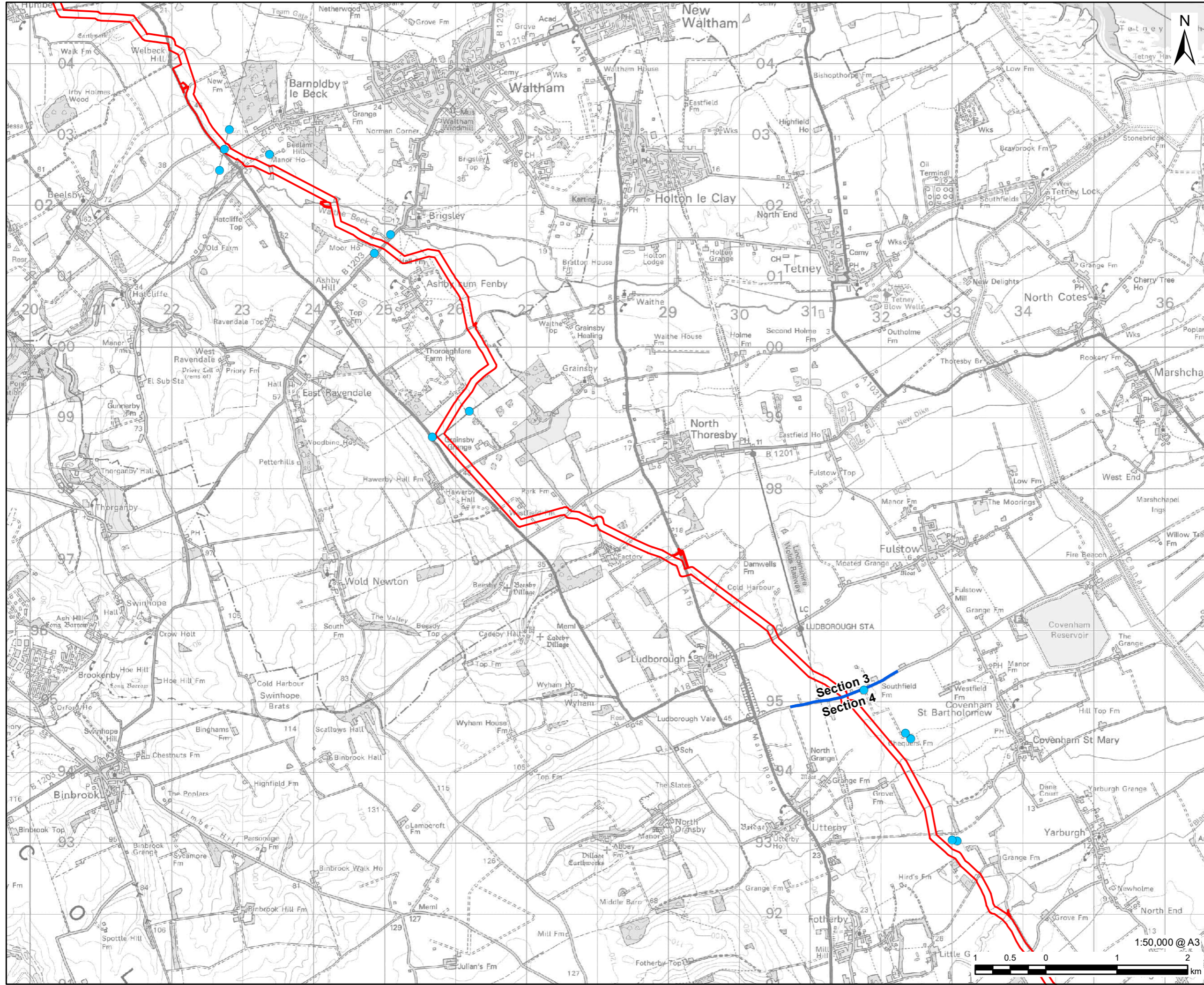
ISSUE PURPOSE

ENVIRONMENTAL STATEMENT

PROJECT NUMBER / REFERENCE

60668955 / VCCS_231018_ES_9-9

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as signed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



VikingCCS

AECOM

PROJECT
Viking CCS Pipeline

LEGEND

- ▭ DCO Site Boundary
- Route Section Break
- Current Industrial Land Use (OS)

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673.
 Contains public sector information licensed under the Open Government Licence v3.0.
 Derived from BGS Digital Data under Licence. British Geological Survey. ©NERC.

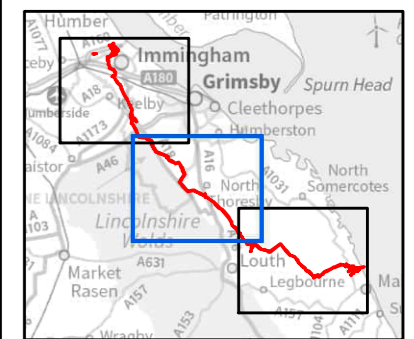
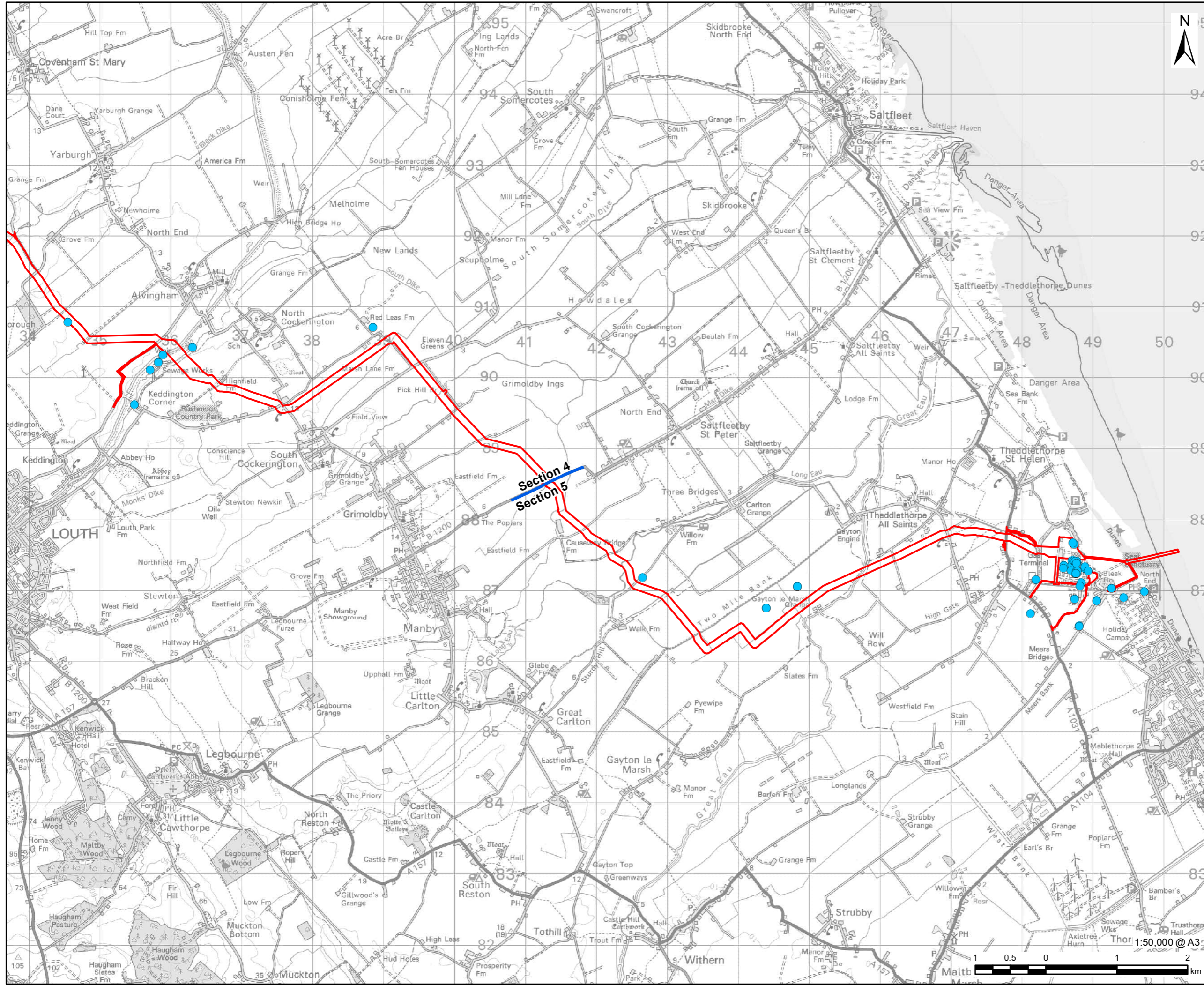


FIGURE TITLE
**Figure 9-9 (2 of 3)
 Current Potentially Contaminative
 Land Uses**

ISSUE PURPOSE
 ENVIRONMENTAL STATEMENT

PROJECT NUMBER / REFERENCE
 60668955 / VCCS_231018_ES_9-9

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



VikingCCS

AECOM

PROJECT

Viking CCS Pipeline

LEGEND

- DCO Site Boundary
- Route Section Break
- Current Industrial Land Use (OS)

NOTES:

Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. Derived from BGS Digital Data under Licence. British Geological Survey. ©NERC.

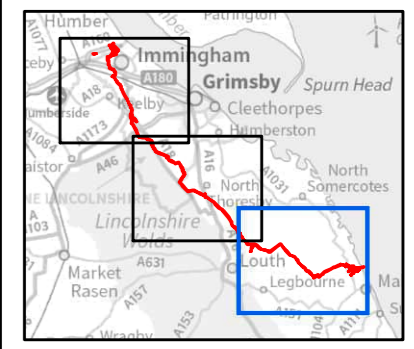


FIGURE TITLE

Figure 9-9 (3 of 3)
Current Potentially Contaminative Land Uses

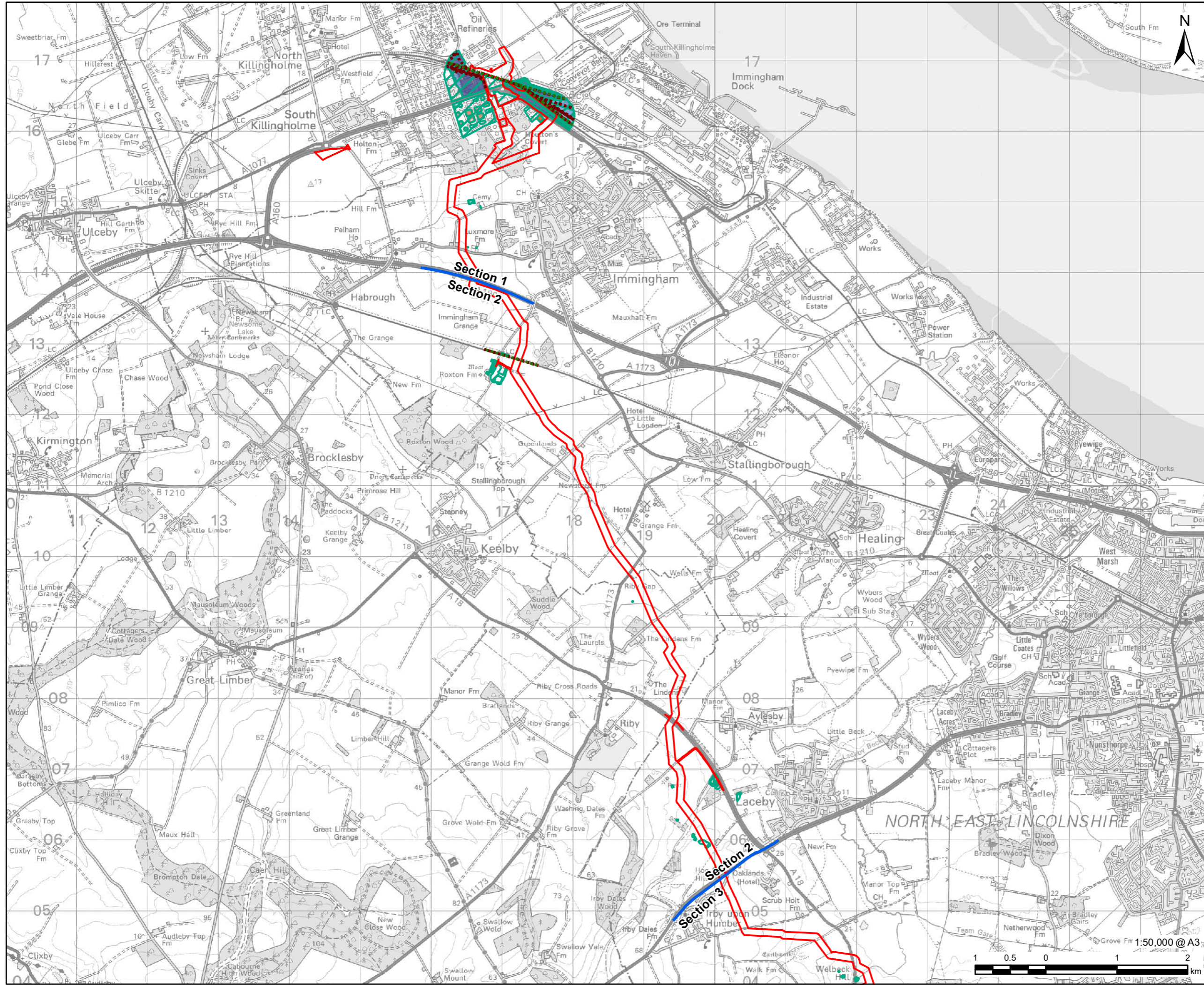
ISSUE PURPOSE

ENVIRONMENTAL STATEMENT

PROJECT NUMBER / REFERENCE

60668955 / VCCS_231018_ES_9-9

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



VikingCCS

AECOM

PROJECT

Viking CCS Pipeline

LEGEND

- DCO Site Boundary
- Route Section Break
- Railway OSM
- Railway Track
- Historical Railway Feature LD
- Historical Railway Feature HD
- Historical Tank
- Historical Industrial Land Use
- Historical Energy Feature

NOTES:

Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. Derived from BGS Digital Data under Licence. British Geological Survey. ©NERC.

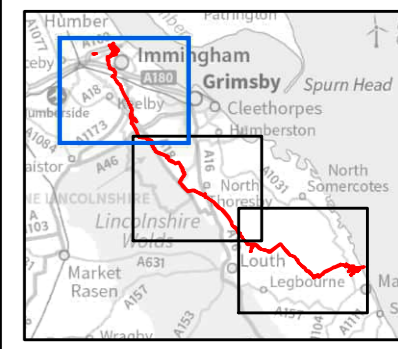


FIGURE TITLE

Figure 9-10 (1 of 3)
Historic Potentially Contaminative Land Uses

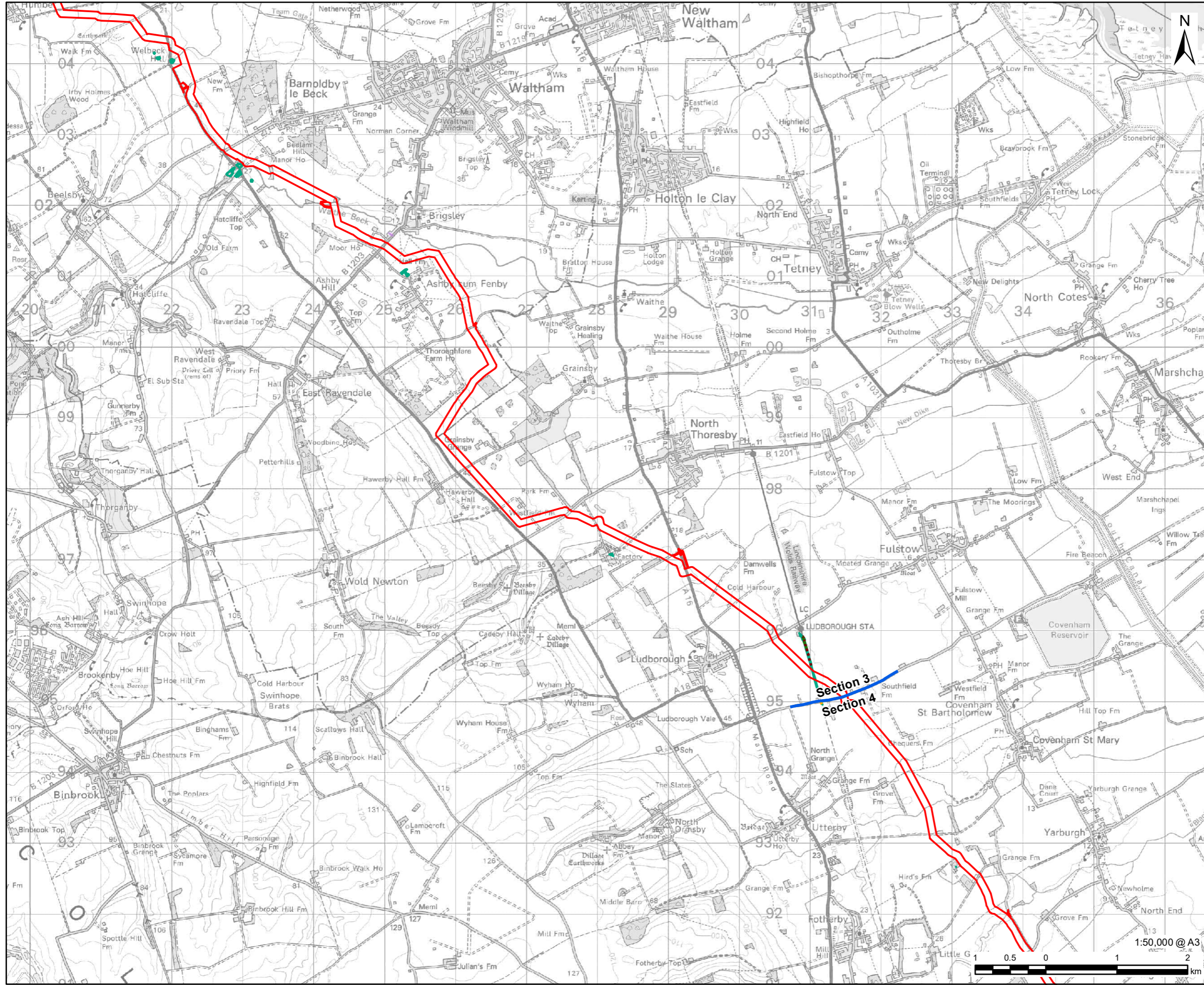
ISSUE PURPOSE

ENVIRONMENTAL STATEMENT

PROJECT NUMBER / REFERENCE

60668955 / VCCS_231018_ES_9-10

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as signed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



VikingCCS

AECOM

PROJECT
Viking CCS Pipeline

LEGEND

- DCO Site Boundary
- Route Section Break
- Railway OSM
- Railway Track
- Historical Railway
- Historical Railway Feature LD
- Historical Railway Feature HD
- Historical Tank
- Historical Industrial Land Use
- Historical Garage

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673.
 Contains public sector information licensed under the Open Government Licence v3.0.
 Derived from BGS Digital Data under Licence. British Geological Survey. ©NERC.

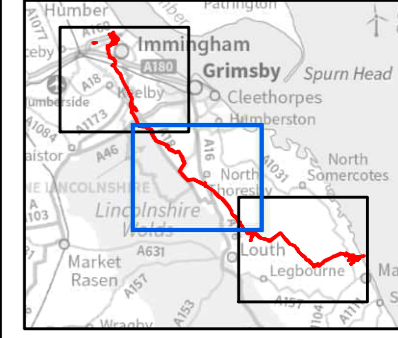
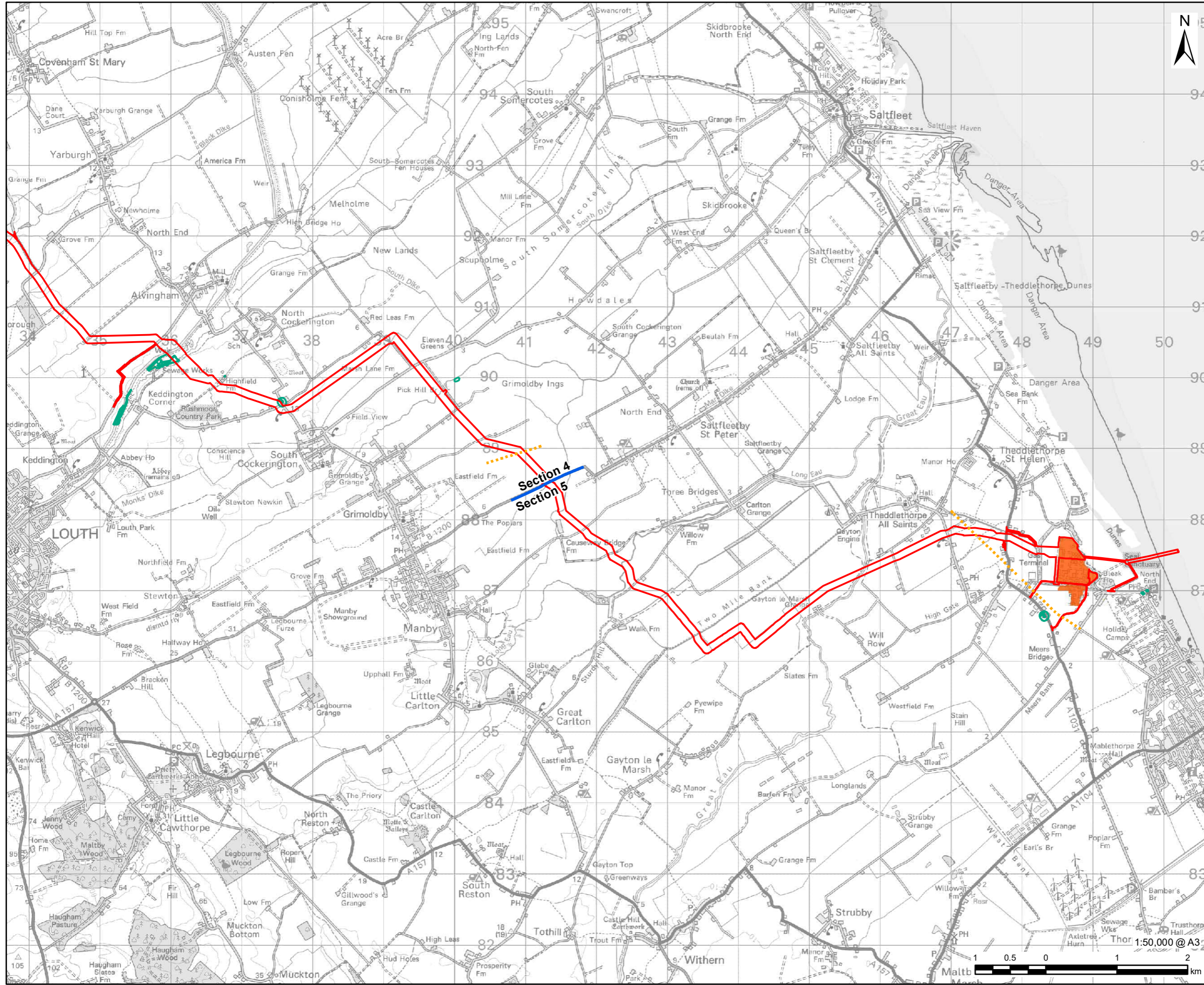


FIGURE TITLE
 Figure 9-10 (2 of 3)
Historic Potentially Contaminative Land Uses

ISSUE PURPOSE
 ENVIRONMENTAL STATEMENT
 PROJECT NUMBER / REFERENCE
 60668955 / VCCS_231018_ES_9-10

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

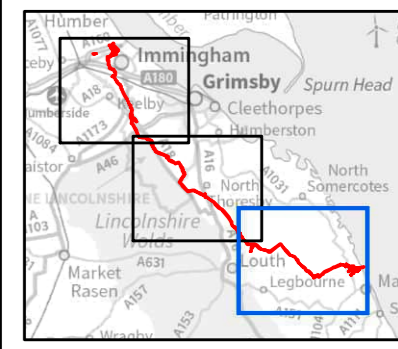


LEGEND

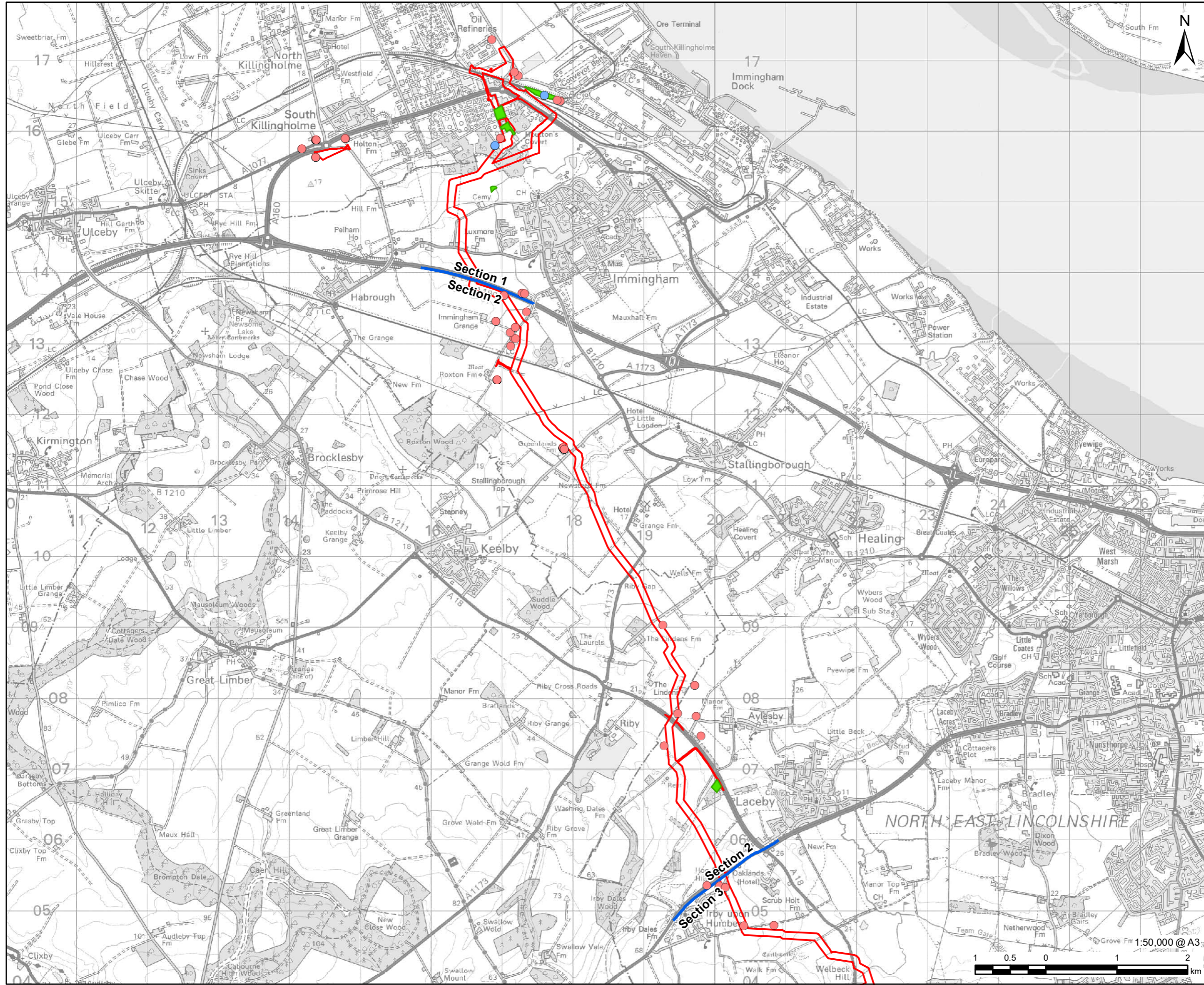
- DCO Site Boundary
- Route Section Break
- Historical Railway
- Historical Tank
- Historical Petrol Station
- Historical Industrial Land Use
- Historical Energy Feature

NOTES:

Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. Derived from BGS Digital Data under Licence. British Geological Survey. ©NERC.



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



LEGEND

- DCO Site Boundary
- Route Section Break
- Licensed Waste Site (EA)
- Waste Exemption (EA)
- Historical Landfill

NOTES:

Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. Derived from BGS Digital Data under Licence. British Geological Survey. ©NERC.

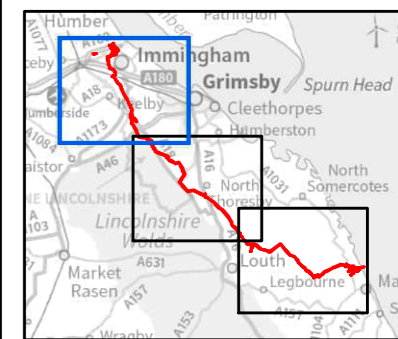
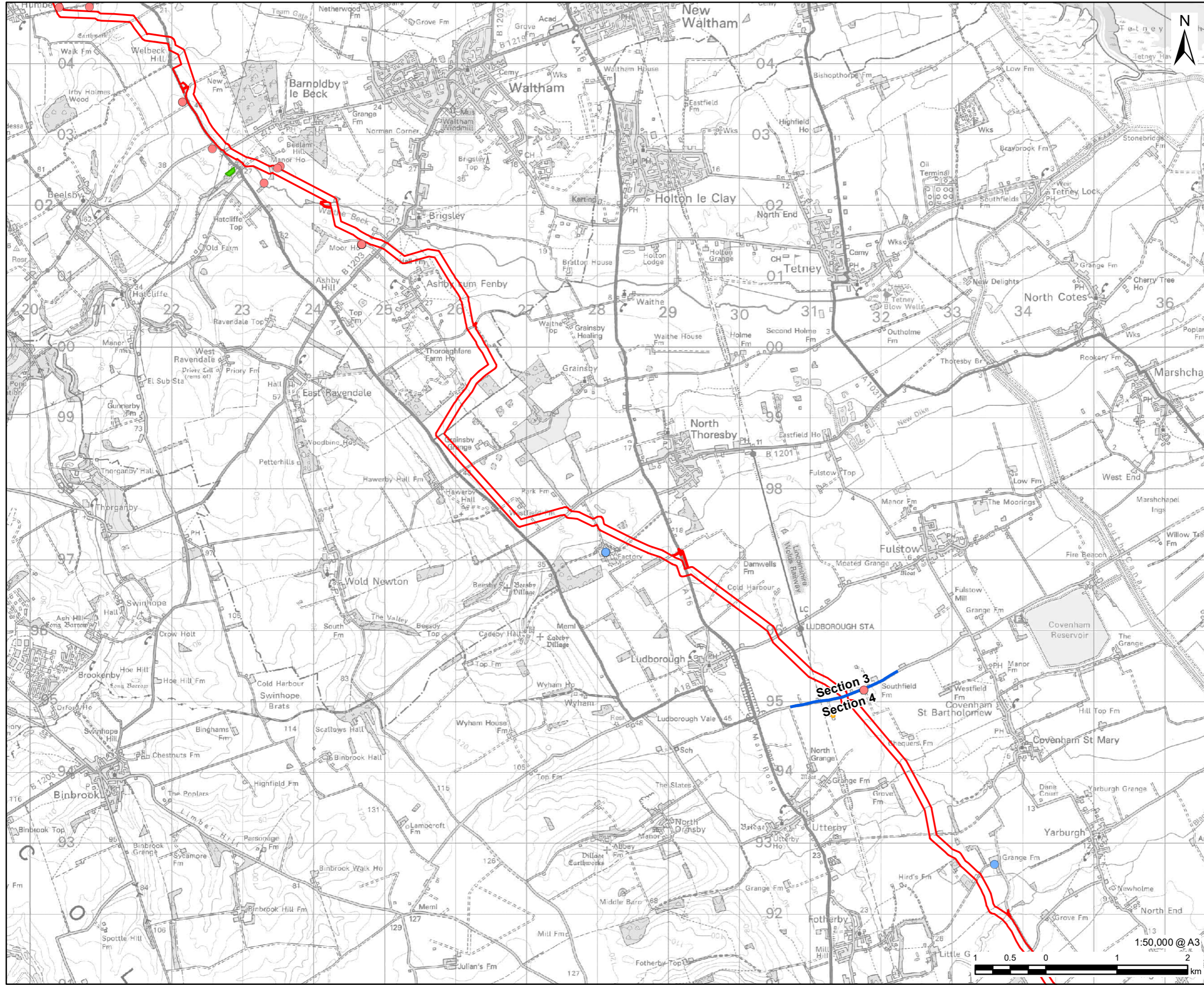


FIGURE TITLE

Figure 9-11 (1 of 3)

Current and Historic Landfills

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as signed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



VikingCCS

AECOM

PROJECT

Viking CCS Pipeline

LEGEND

- DCO Site Boundary
- Route Section Break
- Licensed Waste Site (EA)
- Waste Exemption (EA)
- Historical Waste Site
- Historical Landfill

NOTES:

Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. Derived from BGS Digital Data under Licence. British Geological Survey. ©NERC.

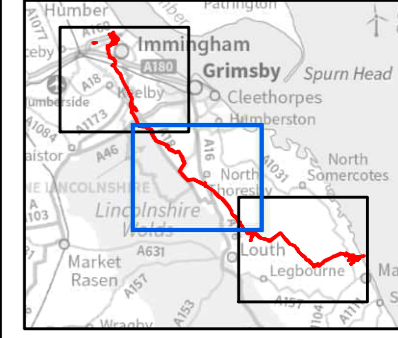


FIGURE TITLE

Figure 9-11 (2 of 3)
Current and Historic Landfills

ISSUE PURPOSE

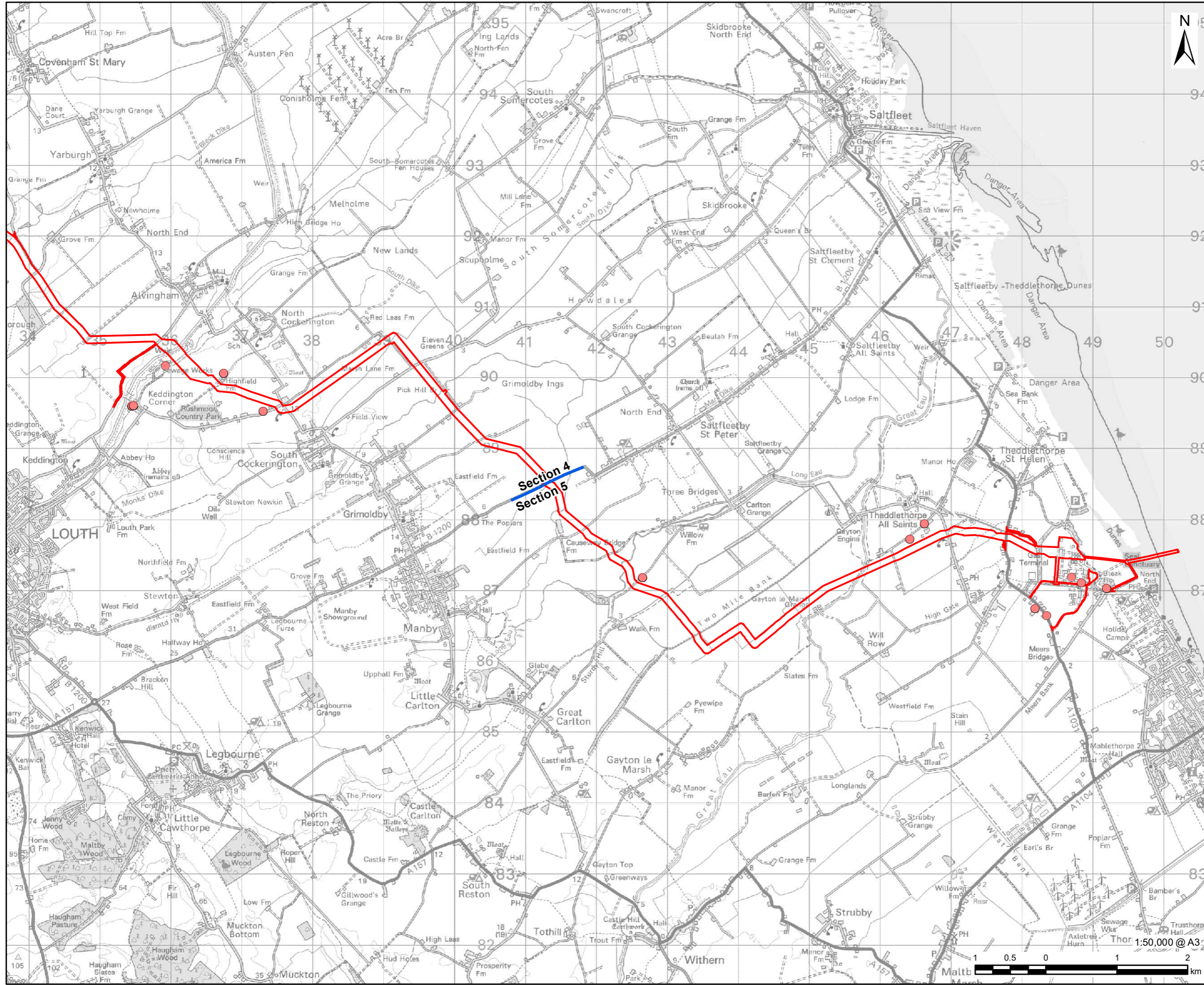
ENVIRONMENTAL STATEMENT

PROJECT NUMBER / REFERENCE

60668955 / VCCS_231018_ES_9-11

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.





- LEGEND**
- DCO Site Boundary
 - Route Section Break
 - Waste Exemption (EA)

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673.
 Contains public sector information licensed under the Open Government Licence v3.0.
 Derived from BGS Digital Data under Licence. British Geological Survey. ©NERC.

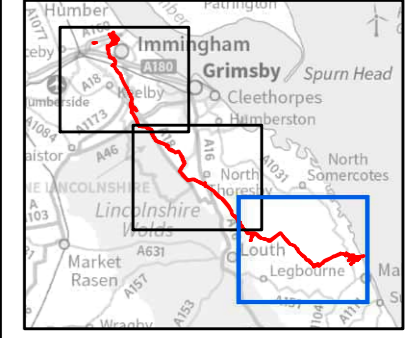
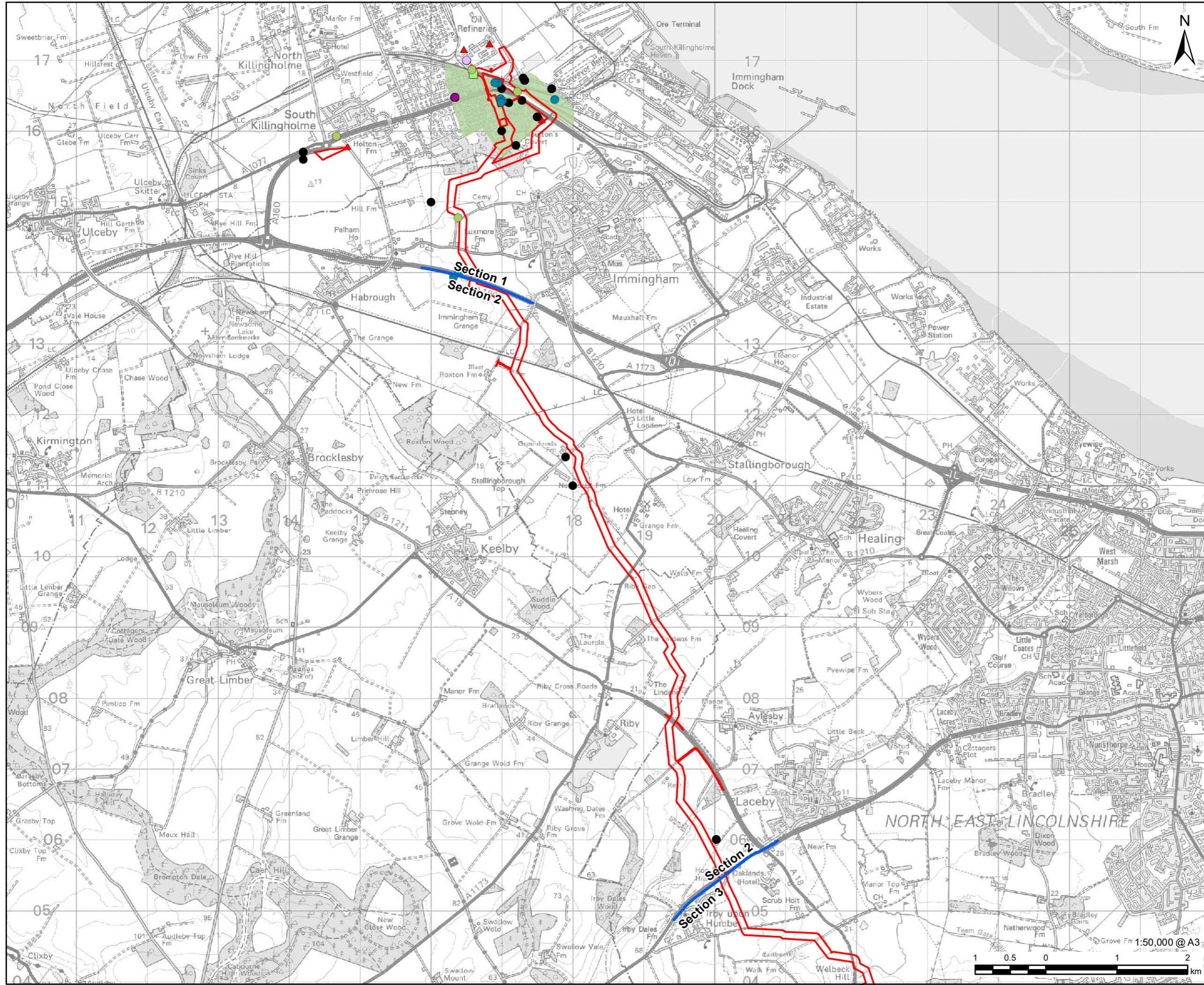


FIGURE TITLE
Figure 9-11 (3 of 3)
Current and Historic Landfills

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



LEGEND

- DCO Site Boundary
- Route Section Break
- ▲ Hazardous Substance Storage (HSE)
- Licensed Discharge to Controlled Waters (EA)
- Licensed Industrial Activity Part A1 (EA)
- Licensed Pollution Release Part A2 (EA)
- List 1 Dangerous Substance (EA)
- List 2 Dangerous Substance (EA)
- Pollution Incident (EA)
- Pollution Inventory Substance (EA)
- Pollution Inventory Waste Transfer (EA)
- Control of Major Accident Hazards (COMAH) Site (HSE)

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673.
 Contains public sector information licensed under the Open Government Licence v3.0.
 Derived from BGS Digital Data under Licence. British Geological Survey. ©NERC.

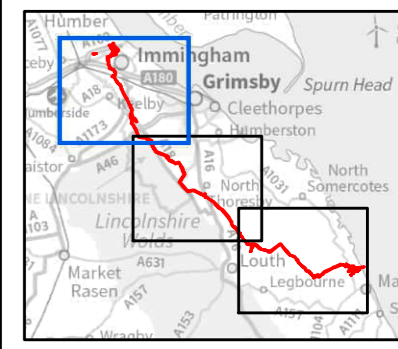
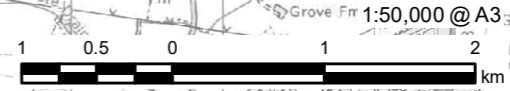
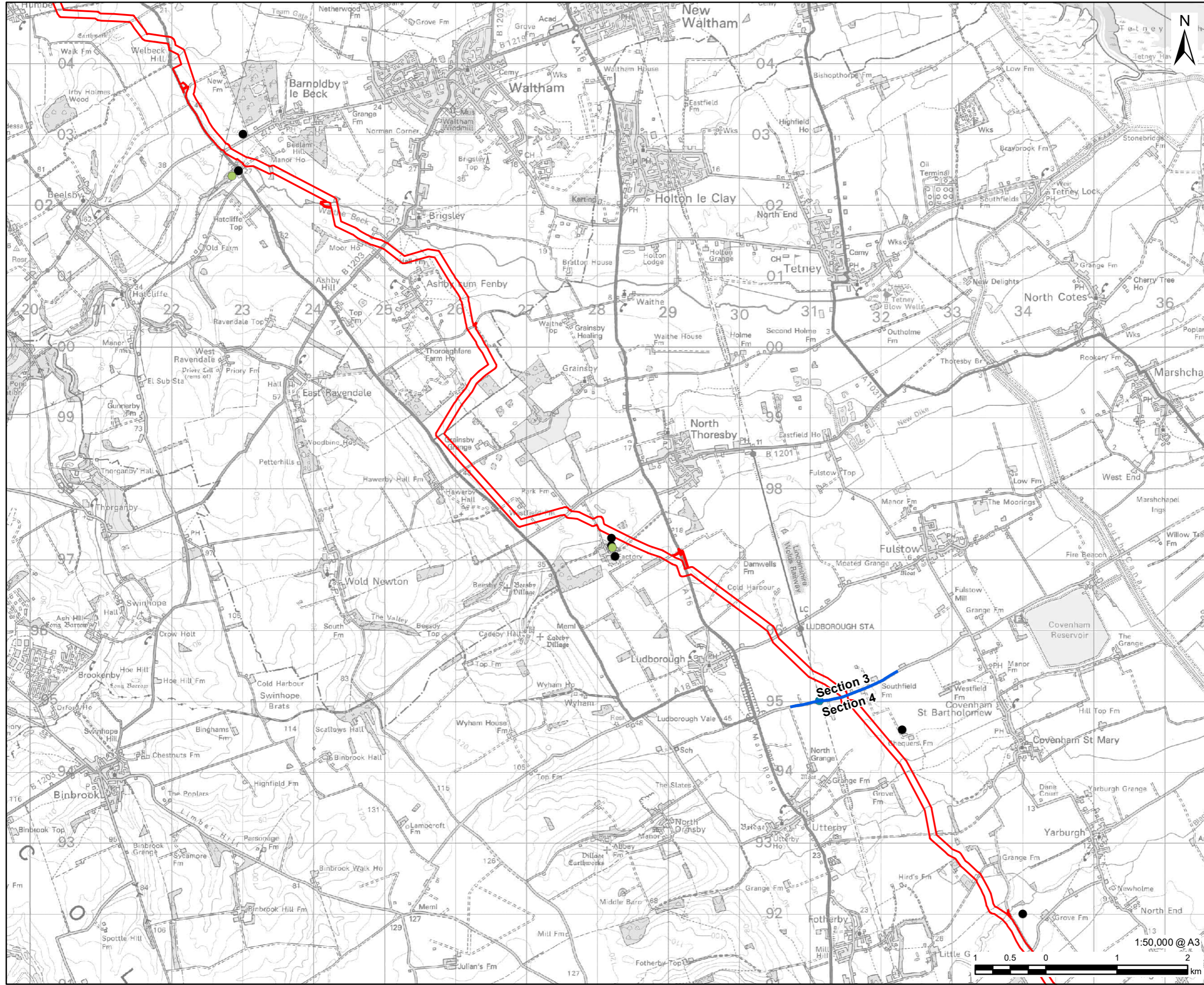


FIGURE TITLE

Figure 9-12 (1 of 3)
Information from Statutory Authorities



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as signed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



VikingCCS

AECOM

PROJECT

Viking CCS Pipeline

LEGEND

- ▭ DCO Site Boundary
- ▬ Route Section Break
- Licensed Discharge to Controlled Waters (EA)
- Licensed Pollution Release Part A2 (EA)
- Pollution Incident (EA)

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673.
 Contains public sector information licensed under the Open Government Licence v3.0.
 Derived from BGS Digital Data under Licence. British Geological Survey. ©NERC.

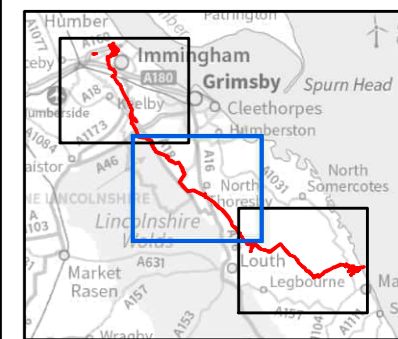


FIGURE TITLE

**Figure 9-12 (2 of 3)
 Information from Statutory Authorities**

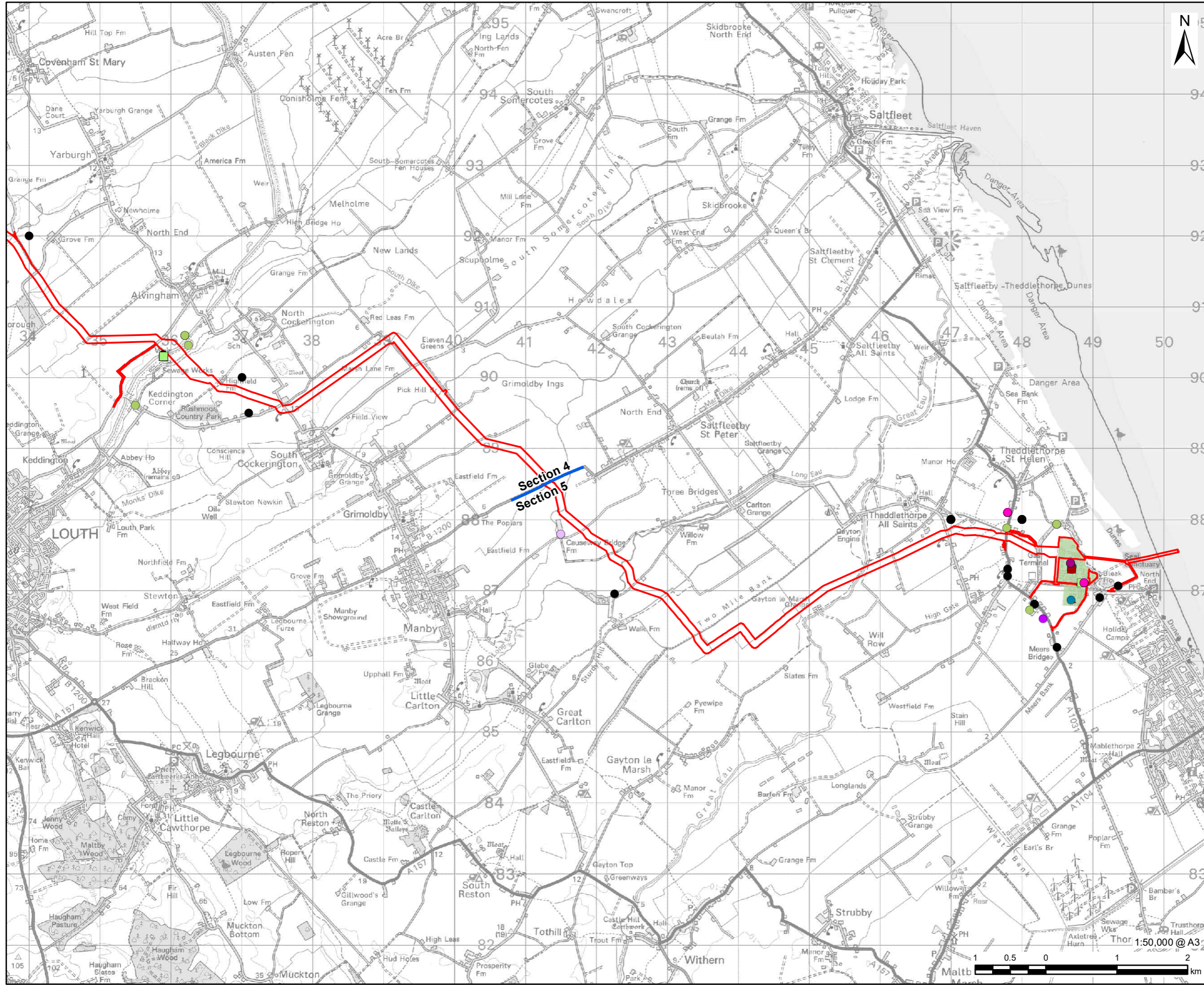
ISSUE PURPOSE

ENVIRONMENTAL STATEMENT

PROJECT NUMBER / REFERENCE

60668955 / VCCS_231018_ES_9-12

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



- LEGEND**
- DCO Site Boundary
 - Route Section Break
 - ▲ Hazardous Substance Storage (HSE)
 - Historical Licensed Industrial Activity (EA)
 - Licensed Discharge to Controlled Waters (EA)
 - Licensed Industrial Activity Part A1 (EA)
 - Licensed Pollution Release Part A2 (EA)
 - List 1 Dangerous Substance (EA)
 - List 2 Dangerous Substance (EA)
 - Pollution Incident (EA)
 - Pollution Inventory Radioactive (EA)
 - Pollution Inventory Substance (EA)
 - Pollution Inventory Waste Transfer (EA)
 - Radioactive Substance Authorisation (EA)
 - Control of Major Accident Hazards (COMAH) Site (HSE)

NOTES:
 Reproduced from Ordnance Survey digital map data © Crown copyright 2023. All rights reserved. Licence number 0100031673. Contains public sector information licensed under the Open Government Licence v3.0. Derived from BGS Digital Data under Licence. British Geological Survey. ©NERC.

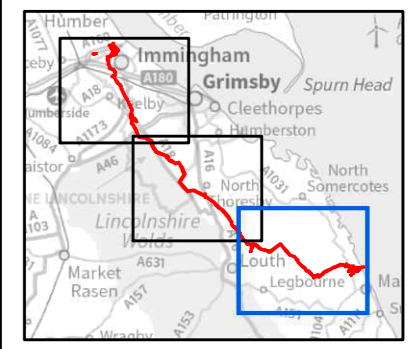


FIGURE TITLE
Figure 9-12 (3 of 3)
Information from Statutory Authorities

ISSUE PURPOSE
 ENVIRONMENTAL STATEMENT

PROJECT NUMBER / REFERENCE
 60668955 / VCCS_231018_ES_9-12

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

